



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	645332	3679.98	17.94	19.10	1.306	-	-	0.17	0.622	0.812
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	641666	3624.99	17.99	19.10	1.291	-	-	-0.17	0.709	0.915
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	641666	3624.99	19.95	20.80	1.216	-	-	0.08	0.731	0.889
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	638000	3570	19.88	20.80	1.236	-	-	0.11	0.711	0.879
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	645332	3679.98	19.91	20.80	1.227	-	-	-0.05	0.726	0.891
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	641666	3624.99	19.93	20.80	1.222	-	-	0.01	1.010	1.234
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	638000	3570	19.86	20.80	1.242	-	-	0.18	0.955	1.186
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	645332	3679.98	19.89	20.80	1.233	-	-	0.14	0.963	1.187
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	641666	3624.99	19.92	20.80	1.225	-	-	0.03	0.856	1.048
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 11	641666	3624.99	19.95	20.80	1.216	-	-	-0.08	0.069	0.084
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 11	641666	3624.99	19.93	20.80	1.222	-	-	-0.08	0.087	0.106
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 11	641666	3624.99	19.95	20.80	1.216	-	-	0.1	0.068	0.083
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 11	641666	3624.99	19.93	20.80	1.222	-	-	-0.18	0.064	0.078
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	641666	3624.99	19.95	20.80	1.216	-	-	0.09	1.060	1.289
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	638000	3570	19.88	20.80	1.236	-	-	-0.17	1.000	1.236
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	645332	3679.98	19.91	20.80	1.227	-	-	0.17	1.020	1.252
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	641666	3624.99	19.93	20.80	1.222	-	-	0.1	0.981	1.199
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	638000	3570	19.86	20.80	1.242	-	-	-0.05	0.966	1.199
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	645332	3679.98	19.89	20.80	1.233	-	-	0.01	0.945	1.165
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	641666	3624.99	19.92	20.80	1.225	-	-	0.12	0.956	1.171
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 11	641666	3624.99	19.95	20.80	1.216	-	-	0.08	0.040	0.049
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 11	641666	3624.99	19.93	20.80	1.222	-	-	-0.17	0.047	0.057
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 8	DSI 11	641666	3624.99	19.95	20.80	1.216	-	-	-0.03	0.134	0.163
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 8	DSI 11	641666	3624.99	19.93	20.80	1.222	-	-	0.14	0.162	0.198
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 11	641666	3624.99	19.71	20.50	1.199	-	-	0.1	0.494	0.593
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 11	641666	3624.99	19.66	20.50	1.213	-	-	-0.17	0.432	0.524
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 11	641666	3624.99	19.71	20.50	1.199	-	-	-0.01	0.170	0.204
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 11	641666	3624.99	19.66	20.50	1.213	-	-	-0.08	0.149	0.181
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 11	641666	3624.99	19.71	20.50	1.199	-	-	0.05	0.151	0.181
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 11	641666	3624.99	19.66	20.50	1.213	-	-	0.06	0.173	0.210
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 11	641666	3624.99	19.71	20.50	1.199	-	-	-0.09	0.067	0.080
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 11	641666	3624.99	19.66	20.50	1.213	-	-	-0.08	0.065	0.079
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 11	641666	3624.99	19.71	20.50	1.199	-	-	0.13	0.015	0.018
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 11	641666	3624.99	19.66	20.50	1.213	-	-	0.12	0.016	0.019
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	641666	3624.99	19.71	20.50	1.199	-	-	0.03	0.790	0.948
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	638000	3570	19.59	20.50	1.233	-	-	0.16	0.722	0.890
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	645332	3679.98	19.62	20.50	1.225	-	-	-0.1	0.746	0.914
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	641666	3624.99	19.66	20.50	1.213	-	-	-0.07	0.897	1.088
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	638000	3570	19.62	20.50	1.225	-	-	0.07	0.852	1.043
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	645332	3679.98	19.60	20.50	1.230	-	-	0.18	0.866	1.065
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	641666	3624.99	19.63	20.50	1.222	-	-	0.18	0.712	0.870
	FR1 n48_Code 2	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	641666	3624.99	19.66	20.50	1.213	-	-	-0.04	0.994	1.206
	FR1 n48_Code 3	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	641666	3624.99	19.66	20.50	1.213	-	-	-0.06	1.050	1.274
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 11	641666	3624.99	19.09	19.90	1.205	-	-	-0.1	0.489	0.589
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 11	641666	3624.99	18.99	19.90	1.233	-	-	0.01	0.354	0.437
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 11	641666	3624.99	19.09	19.90	1.205	-	-	0.19	0.109	0.131
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 11	641666	3624.99	18.99	19.90	1.233	-	-	0.07	0.107	0.132
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 11	641666	3624.99	19.09	19.90	1.205	-	-	-0.18	0.102	0.123
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 11	641666	3624.99	18.99	19.90	1.233	-	-	0.03	0.043	0.053
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 11	641666	3624.99	19.09	19.90	1.205	-	-	-0.15	0.049	0.059
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 11	641666	3624.99	18.99	19.90	1.233	-	-	-0.15	0.052	0.064
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	641666	3624.99	19.09	19.90	1.205	-	-	-0.02	1.070	1.289
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	638000	3570	18.94	19.90	1.247	-	-	-0.04	1.010	1.260
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	645332	3679.98	18.94	19.90	1.247	-	-	-0.08	1.030	1.285
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	641666	3624.99	18.99	19.90	1.233	-	-	-0.17	0.708	0.873
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	638000	3570	18.98	19.90	1.236	-	-	0.17	0.675	0.834



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	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	645332	3679.98	18.98	19.90	1.236	-	-	0.18	0.689	0.852
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	641666	3624.99	18.95	19.90	1.245	-	-	-0.08	0.693	0.862
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 11	656000	3840	17.59	19.00	1.384	-	-	-0.04	0.395	0.547
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 11	656000	3840	17.51	19.00	1.409	-	-	-0.08	0.356	0.502
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 11	656000	3840	17.59	19.00	1.384	-	-	-0.13	0.286	0.396
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 11	656000	3840	17.51	19.00	1.409	-	-	0.06	0.264	0.372
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	656000	3840	17.59	19.00	1.384	-	-	0.05	0.824	1.140
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	656000	3840	17.51	19.00	1.409	-	-	-0.03	0.667	0.940
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	656000	3840	17.48	19.00	1.419	-	-	0.08	0.679	0.964
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 11	656000	3840	17.59	19.00	1.384	-	-	-0.07	0.040	0.055
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 11	656000	3840	17.51	19.00	1.409	-	-	0.05	0.036	0.051
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 11	656000	3840	17.59	19.00	1.384	-	-	-0.11	0.018	0.025
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 11	656000	3840	17.51	19.00	1.409	-	-	-0.12	0.019	0.027
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	656000	3840	17.59	19.00	1.384	-	-	0.03	0.435	0.602
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	656000	3840	17.51	19.00	1.409	-	-	-0.16	0.404	0.569
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	656000	3840	20.61	22.00	1.377	50	1.000	-0.01	0.759	1.045
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 11	633334	3500.01	17.63	19.00	1.371	-	-	0.15	0.351	0.481
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	DSI 11	633334	3500.01	17.43	19.00	1.435	-	-	-0.09	0.347	0.498
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 11	633334	3500.01	17.63	19.00	1.371	-	-	-0.05	0.037	0.051
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 11	633334	3500.01	17.43	19.00	1.435	-	-	-0.08	0.032	0.046
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	633334	3500.01	17.63	19.00	1.371	-	-	0.09	0.923	1.265
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	633334	3500.01	17.43	19.00	1.435	-	-	0.16	0.778	1.117
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	633334	3500.01	17.40	19.00	1.445	-	-	0.05	0.715	1.033
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 11	633334	3500.01	17.63	19.00	1.371	-	-	0.05	0.024	0.033
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4	DSI 11	633334	3500.01	17.43	19.00	1.435	-	-	-0.03	0.036	0.052
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 11	633334	3500.01	17.63	19.00	1.371	-	-	-0.15	0.021	0.029
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 11	633334	3500.01	17.43	19.00	1.435	-	-	0.02	0.016	0.023
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	633334	3500.01	17.63	19.00	1.371	-	-	0.07	0.669	0.917
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	633334	3500.01	17.43	19.00	1.435	-	-	0.16	0.609	0.874
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4	DSI 11	633334	3500.01	17.40	19.00	1.445	-	-	0.13	0.574	0.830
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4	DSI 11	633334	3500.01	20.75	22.00	1.334	50	1.000	0.04	0.948	1.264
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	656000	3840	19.66	20.80	1.300	-	-	-0.18	0.444	0.577
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	656000	3840	19.65	20.80	1.303	-	-	0.02	0.456	0.594
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 11	656000	3840	19.66	20.80	1.300	-	-	-0.03	0.128	0.166
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 11	656000	3840	19.65	20.80	1.303	-	-	0.07	0.101	0.132
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 11	656000	3840	19.66	20.80	1.300	-	-	-0.17	0.067	0.087
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 11	656000	3840	19.65	20.80	1.303	-	-	0.01	0.057	0.074
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	656000	3840	19.66	20.80	1.300	-	-	0.01	0.946	1.230
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	656000	3840	19.65	20.80	1.303	-	-	-0.01	0.876	1.142
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	656000	3840	19.59	20.80	1.321	-	-	-0.06	0.896	1.184
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 11	656000	3840	19.66	20.80	1.300	-	-	-0.04	0.041	0.053
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 11	656000	3840	19.65	20.80	1.303	-	-	-0.09	0.039	0.051
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 8	DSI 11	656000	3840	19.66	20.80	1.300	-	-	-0.17	0.264	0.343
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 8	DSI 11	656000	3840	19.65	20.80	1.303	-	-	-0.1	0.235	0.306
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	656000	3840	22.69	23.80	1.291	50	1.000	0.04	0.998	1.289
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	633334	3500.01	19.63	20.80	1.309	-	-	-0.04	0.446	0.584
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	DSI 11	633334	3500.01	19.61	20.80	1.315	-	-	-0.05	0.297	0.391
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 11	633334	3500.01	19.63	20.80	1.309	-	-	-0.13	0.108	0.141
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	DSI 11	633334	3500.01	19.61	20.80	1.315	-	-	-0.01	0.069	0.091
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 11	633334	3500.01	19.63	20.80	1.309	-	-	-0.09	0.050	0.065
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 8	DSI 11	633334	3500.01	19.61	20.80	1.315	-	-	0.05	0.057	0.075
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	633334	3500.01	19.63	20.80	1.309	-	-	0.01	0.829	1.085
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	633334	3500.01	19.61	20.80	1.315	-	-	0.02	0.776	1.021
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	633334	3500.01	19.60	20.80	1.318	-	-	0.06	0.751	0.990
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 11	633334	3500.01	19.63	20.80	1.309	-	-	-0.13	0.028	0.037
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 8	DSI 11	633334	3500.01	19.61	20.80	1.315	-	-	0.17	0.024	0.032



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 8	DSI 11	633334	3500.01	19.63	20.80	1.309	-	-	0.06	0.176	0.230
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 8	DSI 11	633334	3500.01	19.61	20.80	1.315	-	-	0.11	0.165	0.217
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 8	DSI 11	633334	3500.01	22.57	23.80	1.327	50	1.000	0.01	0.752	0.998
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 11	656000	3840	19.60	20.20	1.148	-	-	-0.02	0.352	0.404
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 11	656000	3840	19.54	20.20	1.164	-	-	0.1	0.343	0.399
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 11	656000	3840	19.60	20.20	1.148	-	-	0.13	0.110	0.126
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 11	656000	3840	19.54	20.20	1.164	-	-	-0.18	0.104	0.121
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 11	656000	3840	19.60	20.20	1.148	-	-	-0.11	0.081	0.093
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 11	656000	3840	19.54	20.20	1.164	-	-	-0.16	0.071	0.083
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 11	656000	3840	19.60	20.20	1.148	-	-	-0.15	0.079	0.091
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 11	656000	3840	19.54	20.20	1.164	-	-	-0.06	0.075	0.087
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 11	656000	3840	19.60	20.20	1.148	-	-	-0.14	0.016	0.018
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 11	656000	3840	19.54	20.20	1.164	-	-	-0.19	0.018	0.021
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	656000	3840	19.60	20.20	1.148	-	-	0.02	0.447	0.513
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	656000	3840	19.54	20.20	1.164	-	-	0.06	0.440	0.512
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	656000	3840	22.52	23.20	1.169	50	1.000	-0.05	0.479	0.560
	FR1 n77 Part 27O HPUE Code2	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	656000	3840	22.52	23.20	1.169	50	1.000	-0.08	0.454	0.531
	FR1 n77 Part 27O HPUE Code3	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	656000	3840	22.52	23.20	1.169	50	1.000	-0.05	0.442	0.517
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 11	633334	3500.01	19.48	20.20	1.180	-	-	-0.09	0.542	0.640
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	DSI 11	633334	3500.01	19.44	20.20	1.191	-	-	-0.08	0.509	0.606
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 11	633334	3500.01	19.48	20.20	1.180	-	-	0.12	0.096	0.113
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	DSI 11	633334	3500.01	19.44	20.20	1.191	-	-	0.03	0.119	0.142
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 11	633334	3500.01	19.48	20.20	1.180	-	-	0.18	0.072	0.085
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3	DSI 11	633334	3500.01	19.44	20.20	1.191	-	-	0.16	0.087	0.104
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 11	633334	3500.01	19.48	20.20	1.180	-	-	-0.1	0.033	0.039
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3	DSI 11	633334	3500.01	19.44	20.20	1.191	-	-	0.07	0.039	0.046
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 11	633334	3500.01	19.48	20.20	1.180	-	-	0.18	0.016	0.019
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3	DSI 11	633334	3500.01	19.44	20.20	1.191	-	-	-0.1	0.019	0.023
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	633334	3500.01	19.48	20.20	1.180	-	-	0.01	1.010	1.192
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	633334	3500.01	19.44	20.20	1.191	-	-	-0.01	1.030	1.227
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	633334	3500.01	19.34	20.20	1.219	-	-	-0.15	0.997	1.215
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	633334	3500.01	22.42	23.20	1.197	50	1.000	-0.04	1.070	1.281
	FR1 n77 Part 27Q HPUE Code2	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	633334	3500.01	22.42	23.20	1.197	50	1.000	-0.09	0.859	1.028
	FR1 n77 Part 27Q HPUE Code3	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3	DSI 11	633334	3500.01	22.42	23.20	1.197	50	1.000	-0.02	0.975	1.167
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 11	656000	3840	18.30	19.60	1.349	-	-	0.08	0.407	0.549
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 11	656000	3840	18.19	19.60	1.384	-	-	0.01	0.386	0.534
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 11	656000	3840	18.30	19.60	1.349	-	-	-0.08	0.282	0.380
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 11	656000	3840	18.19	19.60	1.384	-	-	-0.08	0.195	0.270
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 11	656000	3840	18.30	19.60	1.349	-	-	-0.18	0.016	0.022
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 11	656000	3840	18.19	19.60	1.384	-	-	0.1	0.025	0.035
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 11	656000	3840	18.30	19.60	1.349	-	-	0.12	0.286	0.386
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 11	656000	3840	18.19	19.60	1.384	-	-	0.08	0.284	0.393
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 11	656000	3840	18.30	19.60	1.349	-	-	-0.03	0.023	0.031
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 11	656000	3840	18.19	19.60	1.384	-	-	0.14	0.011	0.015
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	656000	3840	18.30	19.60	1.349	-	-	-0.06	0.911	1.229
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	656000	3840	18.19	19.60	1.384	-	-	0.11	0.793	1.097
	FR1 n77 Part 27O	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	656000	3840	18.15	19.60	1.396	-	-	0.03	0.745	1.040
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	656000	3840	21.11	22.60	1.409	50	1.000	0.02	0.843	1.188
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 11	633334	3500.01	18.41	19.60	1.315	-	-	0.18	0.276	0.363
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	DSI 11	633334	3500.01	18.33	19.60	1.340	-	-	0.14	0.396	0.531
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 11	633334	3500.01	18.41	19.60	1.315	-	-	0.17	0.055	0.072
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	DSI 11	633334	3500.01	18.33	19.60	1.340	-	-	-0.05	0.084	0.113
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 11	633334	3500.01	18.41	19.60	1.315	-	-	0.01	0.038	0.050
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 5	DSI 11	633334	3500.01	18.33	19.60	1.340	-	-	0.1	0.062	0.083
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 11	633334	3500.01	18.41	19.60	1.315	-	-	-0.17	0.031	0.041



FCC SAR Test Report

Report No. : FA4N2802

FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 5	DSI 11	633334	3500.01	18.33	19.60	1.340	-	-	0.04	0.043	0.058
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 11	633334	3500.01	18.41	19.60	1.315	-	-	-0.01	0.019	0.025
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 5	DSI 11	633334	3500.01	18.33	19.60	1.340	-	-	-0.08	0.012	0.016
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	633334	3500.01	18.41	19.60	1.315	-	-	0.05	0.886	1.165
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	633334	3500.01	18.33	19.60	1.340	-	-	0.07	0.943	1.263
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	633334	3500.01	18.26	19.60	1.361	-	-	0.06	0.858	1.168
FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 5	DSI 11	633334	3500.01	21.08	22.60	1.419	50	1.000	0.07	0.896	1.271

<Close UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	DSI 11	376500	1882.5	18.90	20.70	1.514	-	-	0.15	0.525	0.795
	FR1 n25	45M	QPSK	120	0	DFT-SCS-15KHz	Front	5mm	Ant 2+3	DSI 11	376500	1882.5	18.87	20.70	1.524	-	-	-0.03	0.478	0.728
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2+3	DSI 11	376500	1882.5	18.90	20.70	1.514	-	-	0.04	0.153	0.232
	FR1 n25	45M	QPSK	120	0	DFT-SCS-15KHz	Back	5mm	Ant 2+3	DSI 11	376500	1882.5	18.87	20.70	1.524	-	-	-0.05	0.111	0.169
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.90	20.70	1.514	-	-	-0.17	0.840	1.271
	FR1 n25	45M	QPSK	120	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.87	20.70	1.524	-	-	-0.15	0.789	1.202
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.86	20.70	1.529	-	-	0.08	0.745	1.139
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.90	20.70	1.514	-	-	-0.13	0.426	0.645
	FR1 n25	45M	QPSK	120	0	DFT-SCS-15KHz	Right Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.87	20.70	1.524	-	-	-0.13	0.392	0.597
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.90	20.70	1.514	-	-	0.1	0.117	0.177
	FR1 n25	45M	QPSK	120	0	DFT-SCS-15KHz	Top Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.87	20.70	1.524	-	-	-0.09	0.092	0.140
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.90	20.70	1.514	-	-	-0.14	0.748	1.132
	FR1 n25	45M	QPSK	120	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.87	20.70	1.524	-	-	-0.17	0.711	1.084
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 11	376500	1882.5	18.86	20.70	1.529	-	-	0.01	0.688	1.052
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+3	DSI 11	518598	2592.99	19.68	21.10	1.387	50	1.000	0.13	0.483	0.670
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2+3	DSI 11	518598	2592.99	19.64	21.10	1.400	50	1.000	0.01	0.384	0.537
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2+3	DSI 11	518598	2592.99	19.68	21.10	1.387	50	1.000	0.11	0.304	0.422
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2+3	DSI 11	518598	2592.99	19.64	21.10	1.400	50	1.000	0.18	0.278	0.389
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 2+3	DSI 11	518598	2592.99	19.68	21.10	1.387	50	1.000	0.01	0.884	1.226
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 2+3	DSI 11	518598	2592.99	19.64	21.10	1.400	50	1.000	-0.16	0.832	1.164
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 2+3	DSI 11	518598	2592.99	19.63	21.10	1.403	50	1.000	0.06	0.806	1.131
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 2+3	DSI 11	518598	2592.99	19.68	21.10	1.387	50	1.000	0.05	0.231	0.320
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 2+3	DSI 11	518598	2592.99	19.64	21.10	1.400	50	1.000	-0.06	0.180	0.252
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 2+3	DSI 11	518598	2592.99	19.68	21.10	1.387	50	1.000	-0.08	0.282	0.391
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 2+3	DSI 11	518598	2592.99	19.64	21.10	1.400	50	1.000	0.07	0.270	0.378
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 2+3	DSI 11	518598	2592.99	19.68	21.10	1.387	50	1.000	-0.04	0.344	0.477
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 2+3	DSI 11	518598	2592.99	19.64	21.10	1.400	50	1.000	-0.04	0.299	0.418
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 2+3	DSI 11	518598	2592.99	22.45	24.10	1.462	25	1.000	0.02	0.875	1.279
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0+1	DSI 11	518598	2592.99	23.47	24.30	1.211	50	1.000	0.14	0.099	0.120
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+1	DSI 11	518598	2592.99	23.42	24.30	1.225	50	1.000	-0.13	0.086	0.105
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0+1	DSI 11	518598	2592.99	23.47	24.30	1.211	50	1.000	-0.04	0.307	0.372
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0+1	DSI 11	518598	2592.99	23.42	24.30	1.225	50	1.000	0.04	0.277	0.339
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 0+1	DSI 11	518598	2592.99	23.47	24.30	1.211	50	1.000	0.02	0.380	0.460
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 0+1	DSI 11	518598	2592.99	23.42	24.30	1.225	50	1.000	0.09	0.351	0.430
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 0+1	DSI 11	518598	2592.99	23.47	24.30	1.211	50	1.000	-0.14	0.555	0.672
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 0+1	DSI 11	518598	2592.99	23.42	24.30	1.225	50	1.000	-0.07	0.531	0.650
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 0+1	DSI 11	518598	2592.99	23.47	24.30	1.211	50	1.000	-0.19	0.065	0.079
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 0+1	DSI 11	518598	2592.99	23.42	24.30	1.225	50	1.000	0.11	0.053	0.065
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0+1	DSI 11	518598	2592.99	23.47	24.30	1.211	50	1.000	0.16	0.625	0.757
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0+1	DSI 11	518598	2592.99	23.42	24.30	1.225	50	1.000	-0.08	0.549	0.672
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0+1	DSI 11	518598	2592.99	26.43	27.30	1.221	25	1.000	0.01	0.601	0.734
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+1	DSI 11	518598	2592.99	22.54	24.00	1.400	50	1.000	0.17	0.232	0.325
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2+1	DSI 11	518598	2592.99	22.49	24.00	1.416	50	1.000	-0.12	0.244	0.345
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2+1	DSI 11	518598	2592.99	22.54	24.00	1.400	50	1.000	-0.03	0.150	0.210



FCC SAR Test Report

Report No. : FA4N2802

FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2+1	DSI 11	518598	2592.99	22.49	24.00	1.416	50	1.000	-0.05	0.105	0.149
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 2+1	DSI 11	518598	2592.99	22.54	24.00	1.400	50	1.000	-0.07	0.523	0.732
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 2+1	DSI 11	518598	2592.99	22.49	24.00	1.416	50	1.000	0.18	0.437	0.619
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 2+1	DSI 11	518598	2592.99	22.54	24.00	1.400	50	1.000	0.03	0.020	0.028
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 2+1	DSI 11	518598	2592.99	22.49	24.00	1.416	50	1.000	0.01	0.032	0.045
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 2+1	DSI 11	518598	2592.99	22.54	24.00	1.400	50	1.000	-0.14	0.043	0.060
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 2+1	DSI 11	518598	2592.99	22.49	24.00	1.416	50	1.000	0.15	0.036	0.051
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 2+1	DSI 11	518598	2592.99	22.54	24.00	1.400	50	1.000	-0.18	0.160	0.224
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 2+1	DSI 11	518598	2592.99	22.49	24.00	1.416	50	1.000	0.11	0.111	0.157
FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 2+1	DSI 11	518598	2592.99	25.33	27.00	1.469	25	1.000	0.01	0.520	0.764
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0+3	DSI 11	518598	2592.99	22.64	23.60	1.247	50	1.000	-0.1	0.481	0.600
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+3	DSI 11	518598	2592.99	22.59	23.60	1.262	50	1.000	0.17	0.458	0.578
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0+3	DSI 11	518598	2592.99	22.64	23.60	1.247	50	1.000	-0.01	0.119	0.148
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0+3	DSI 11	518598	2592.99	22.59	23.60	1.262	50	1.000	0.09	0.094	0.119
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 0+3	DSI 11	518598	2592.99	22.64	23.60	1.247	50	1.000	-0.04	0.574	0.716
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 0+3	DSI 11	518598	2592.99	22.59	23.60	1.262	50	1.000	-0.1	0.559	0.705
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 0+3	DSI 11	518598	2592.99	22.64	23.60	1.247	50	1.000	0.04	0.101	0.126
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 0+3	DSI 11	518598	2592.99	22.59	23.60	1.262	50	1.000	0.02	0.182	0.230
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 0+3	DSI 11	518598	2592.99	22.64	23.60	1.247	50	1.000	-0.01	0.060	0.075
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 0+3	DSI 11	518598	2592.99	22.59	23.60	1.262	50	1.000	0.06	0.053	0.067
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0+3	DSI 11	518598	2592.99	22.64	23.60	1.247	50	1.000	0.1	0.975	1.216
FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0+3	DSI 11	518598	2592.99	22.59	23.60	1.262	50	1.000	-0.17	0.985	1.243
FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0+3	DSI 11	518598	2592.99	22.57	23.60	1.269	50	1.000	0.06	0.934	1.185
FR1 n41 PC1.5	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 0+3	DSI 11	518598	2592.99	25.49	26.60	1.291	25	1.000	0.02	0.971	1.253
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 11	641666	3624.99	18.25	19.00	1.189	-	-	-0.15	0.616	0.732
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 11	641666	3624.99	18.19	19.00	1.205	-	-	-0.17	0.607	0.731
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 11	641666	3624.99	18.25	19.00	1.189	-	-	0.02	0.128	0.152
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 11	641666	3624.99	18.19	19.00	1.205	-	-	0.17	0.110	0.133
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.25	19.00	1.189	-	-	-0.1	1.070	1.272
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	638000	3570	18.17	19.00	1.210	-	-	-0.08	1.010	1.222
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	645332	3679.98	18.22	19.00	1.197	-	-	0.1	1.040	1.245
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.19	19.00	1.205	-	-	-0.06	0.974	1.174
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	638000	3570	18.07	19.00	1.240	-	-	-0.18	0.937	1.161
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	645332	3679.98	18.11	19.00	1.228	-	-	0.1	0.914	1.122
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.17	19.00	1.212	-	-	0.12	0.910	1.103
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.25	19.00	1.189	-	-	0.15	0.819	0.973
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	638000	3570	18.17	19.00	1.210	-	-	0.08	0.794	0.960
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	645332	3679.98	18.22	19.00	1.197	-	-	-0.17	0.789	0.944
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.19	19.00	1.205	-	-	-0.01	0.803	0.968
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	638000	3570	18.07	19.00	1.240	-	-	-0.03	0.768	0.952
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	645332	3679.98	18.11	19.00	1.228	-	-	0.14	0.774	0.950
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.17	19.00	1.212	-	-	0.11	0.741	0.898
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.25	19.00	1.189	-	-	-0.1	0.059	0.070
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.19	19.00	1.205	-	-	0.13	0.045	0.054
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.25	19.00	1.189	-	-	-0.16	1.060	1.260
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	638000	3570	18.17	19.00	1.210	-	-	-0.05	1.010	1.222
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	645332	3679.98	18.22	19.00	1.197	-	-	0.18	0.991	1.186
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.19	19.00	1.205	-	-	-0.14	0.884	1.065
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	638000	3570	18.07	19.00	1.240	-	-	0.14	0.867	1.075
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	645332	3679.98	18.11	19.00	1.228	-	-	-0.17	0.858	1.053
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	641666	3624.99	18.17	19.00	1.212	-	-	0.17	0.841	1.019
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 11	641666	3624.99	16.13	17.50	1.371	-	-	0.13	0.561	0.769
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 11	641666	3624.99	16.00	17.50	1.413	-	-	0.12	0.489	0.691
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 11	641666	3624.99	16.13	17.50	1.371	-	-	0.19	0.204	0.280
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 11	641666	3624.99	16.00	17.50	1.413	-	-	-0.1	0.201	0.284
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.13	17.50	1.371	-	-	0.06	0.734	1.006



FCC SAR Test Report

Report No. : FA4N2802

FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	638000	3570	16.07	17.50	1.391	-	-	-0.05	0.711	0.989
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	645332	3679.98	16.08	17.50	1.388	-	-	0.01	0.685	0.951
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.00	17.50	1.413	-	-	0.05	0.675	0.953
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	638000	3570	15.93	17.50	1.437	-	-	0.1	0.645	0.927
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	645332	3679.98	15.96	17.50	1.427	-	-	-0.17	0.638	0.910
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.02	17.50	1.406	-	-	0.06	0.639	0.898
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.13	17.50	1.371	-	-	0.18	0.133	0.182
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.00	17.50	1.413	-	-	-0.03	0.111	0.157
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.13	17.50	1.371	-	-	-0.17	0.049	0.067
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.00	17.50	1.413	-	-	0.14	0.042	0.059
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.13	17.50	1.371	-	-	-0.13	0.926	1.269
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	638000	3570	16.07	17.50	1.391	-	-	0.04	0.910	1.266
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	645332	3679.98	16.08	17.50	1.388	-	-	-0.01	0.875	1.214
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.00	17.50	1.413	-	-	-0.1	0.756	1.068
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	638000	3570	15.93	17.50	1.437	-	-	-0.08	0.724	1.040
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	645332	3679.98	15.96	17.50	1.427	-	-	0.05	0.732	1.044
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	641666	3624.99	16.02	17.50	1.406	-	-	-0.09	0.718	1.009
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	641666	3624.99	19.35	20.20	1.216	-	-	-0.05	1.040	1.265
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	638000	3570	19.21	20.20	1.257	-	-	-0.08	1.000	1.257
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	645332	3679.98	19.30	20.20	1.231	-	-	0.13	0.976	1.202
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	641666	3624.99	19.30	20.20	1.230	-	-	0.01	0.981	1.207
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	638000	3570	19.11	20.20	1.286	-	-	0.12	0.936	1.204
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	645332	3679.98	19.17	20.20	1.267	-	-	0.03	0.915	1.159
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	641666	3624.99	19.20	20.20	1.258	-	-	0.19	0.906	1.140
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 11	641666	3624.99	19.35	20.20	1.216	-	-	0.16	0.197	0.240
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 11	641666	3624.99	19.30	20.20	1.230	-	-	0.02	0.145	0.178
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.35	20.20	1.216	-	-	0.17	0.303	0.369
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.30	20.20	1.230	-	-	0.1	0.301	0.370
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.35	20.20	1.216	-	-	-0.04	0.779	0.947
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	638000	3570	19.21	20.20	1.257	-	-	0.18	0.745	0.936
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	645332	3679.98	19.30	20.20	1.231	-	-	0.16	0.736	0.906
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.30	20.20	1.230	-	-	0.1	0.745	0.917
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	638000	3570	19.11	20.20	1.286	-	-	-0.1	0.715	0.920
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	645332	3679.98	19.17	20.20	1.267	-	-	0.07	0.728	0.922
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.20	20.20	1.258	-	-	0.07	0.709	0.892
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.35	20.20	1.216	-	-	0.03	0.071	0.086
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.30	20.20	1.230	-	-	-0.02	0.068	0.084
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.35	20.20	1.216	-	-	-0.17	0.877	1.067
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	638000	3570	19.21	20.20	1.257	-	-	0.18	0.836	1.051
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	645332	3679.98	19.30	20.20	1.231	-	-	-0.1	0.826	1.017
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.30	20.20	1.230	-	-	-0.18	0.811	0.998
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	638000	3570	19.11	20.20	1.286	-	-	0.01	0.754	0.970
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	645332	3679.98	19.17	20.20	1.267	-	-	-0.15	0.786	0.996
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	641666	3624.99	19.20	20.20	1.258	-	-	-0.18	0.726	0.914
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	DSI 11	641666	3624.99	16.20	17.20	1.259	-	-	-0.03	0.481	0.606
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+5	DSI 11	641666	3624.99	16.12	17.20	1.282	-	-	-0.05	0.445	0.571
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+5	DSI 11	641666	3624.99	16.20	17.20	1.259	-	-	0.05	0.223	0.281
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+5	DSI 11	641666	3624.99	16.12	17.20	1.282	-	-	-0.12	0.211	0.271
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3+5	DSI 11	641666	3624.99	16.20	17.20	1.259	-	-	-0.02	0.338	0.426
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	5mm	Ant 3+5	DSI 11	641666	3624.99	16.12	17.20	1.282	-	-	-0.13	0.311	0.399
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+5	DSI 11	641666	3624.99	16.20	17.20	1.259	-	-	0.18	0.133	0.167
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	5mm	Ant 3+5	DSI 11	641666	3624.99	16.12	17.20	1.282	-	-	-0.09	0.105	0.135
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+5	DSI 11	641666	3624.99	16.20	17.20	1.259	-	-	-0.17	0.062	0.078
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	5mm	Ant 3+5	DSI 11	641666	3624.99	16.12	17.20	1.282	-	-	0.12	0.056	0.072
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+5	DSI 11	641666	3624.99	16.20	17.20	1.259	-	-	0.08	1.010	1.272
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+5	DSI 11	638000	3570	16.09	17.20	1.291	-	-	0.03	0.958	1.237



FCC SAR Test Report

Report No. : FA4N2802

FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+5	DSI 11	645332	3679.98	16.12	17.20	1.282	-	-	-0.15	0.946	1.213
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+5	DSI 11	641666	3624.99	16.12	17.20	1.282	-	-	-0.09	0.945	1.212
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+5	DSI 11	638000	3570	16.00	17.20	1.320	-	-	-0.15	0.915	1.208
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+5	DSI 11	645332	3679.98	16.04	17.20	1.306	-	-	0.11	0.879	1.148
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+5	DSI 11	641666	3624.99	16.04	17.20	1.306	-	-	-0.08	0.862	1.126
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	DSI 11	349000	1745	20.90	22.00	1.288	-	-	0.14	0.585	0.754
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2+3	DSI 11	349000	1745	20.82	22.00	1.312	-	-	0.18	0.492	0.646
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2+3	DSI 11	349000	1745	20.90	22.00	1.288	-	-	-0.09	0.167	0.215
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2+3	DSI 11	349000	1745	20.82	22.00	1.312	-	-	-0.01	0.144	0.189
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 11	349000	1745	20.90	22.00	1.288	-	-	0.16	0.985	1.269
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 11	349000	1745	20.82	22.00	1.312	-	-	0.16	0.916	1.202
FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	5mm	Ant 2+3	DSI 11	349000	1745	20.76	22.00	1.332	-	-	-0.17	0.851	1.133
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	5mm	Ant 2+3	DSI 11	349000	1745	20.90	22.00	1.288	-	-	0.13	0.365	0.470
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	5mm	Ant 2+3	DSI 11	349000	1745	20.82	22.00	1.312	-	-	0.15	0.301	0.395
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	5mm	Ant 2+3	DSI 11	349000	1745	20.90	22.00	1.288	-	-	0.03	0.105	0.135
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	5mm	Ant 2+3	DSI 11	349000	1745	20.82	22.00	1.312	-	-	-0.03	0.095	0.125
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 11	349000	1745	20.90	22.00	1.288	-	-	0.12	0.910	1.172
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 11	349000	1745	20.82	22.00	1.312	-	-	0.09	0.824	1.081
FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Bottom Side	5mm	Ant 2+3	DSI 11	349000	1745	20.76	22.00	1.332	-	-	-0.08	0.781	1.040
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 11	656000	3840	20.65	22.00	1.365	50	1.000	-0.13	0.526	0.718
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 11	656000	3840	20.60	22.00	1.380	50	1.000	0.1	0.511	0.705
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 11	656000	3840	20.65	22.00	1.365	50	1.000	0.06	0.335	0.457
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 11	656000	3840	20.60	22.00	1.380	50	1.000	0.16	0.313	0.432
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	656000	3840	20.65	22.00	1.365	50	1.000	0.13	0.920	1.255
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	656000	3840	20.60	22.00	1.380	50	1.000	0.11	0.789	1.089
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	656000	3840	20.54	22.00	1.401	50	1.000	-0.04	0.766	1.073
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	656000	3840	20.65	22.00	1.365	50	1.000	0.11	0.797	1.088
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	656000	3840	20.60	22.00	1.380	50	1.000	-0.01	0.745	1.028
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	656000	3840	20.54	22.00	1.401	50	1.000	-0.08	0.728	1.020
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 11	656000	3840	20.65	22.00	1.365	50	1.000	0.09	0.049	0.067
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 11	656000	3840	20.60	22.00	1.380	50	1.000	0.02	0.041	0.057
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	656000	3840	20.65	22.00	1.365	50	1.000	-0.13	0.453	0.618
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	656000	3840	20.60	22.00	1.380	50	1.000	-0.07	0.432	0.596
FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	656000	3840	23.63	25.00	1.372	25	1.000	0.04	0.896	1.230
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 11	656000	3840	19.43	21.00	1.435	50	1.000	0.15	0.484	0.695
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 11	656000	3840	19.38	21.00	1.452	50	1.000	0.14	0.473	0.687
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 11	656000	3840	19.43	21.00	1.435	50	1.000	-0.04	0.507	0.728
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 11	656000	3840	19.38	21.00	1.452	50	1.000	0.18	0.494	0.717
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	656000	3840	19.43	21.00	1.435	50	1.000	-0.09	0.639	0.917
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	656000	3840	19.38	21.00	1.452	50	1.000	0.18	0.623	0.905
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	656000	3840	19.33	21.00	1.469	50	1.000	0.17	0.594	0.873
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 11	656000	3840	19.43	21.00	1.435	50	1.000	-0.02	0.274	0.393
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 11	656000	3840	19.38	21.00	1.452	50	1.000	0.11	0.237	0.344
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 11	656000	3840	19.43	21.00	1.435	50	1.000	-0.07	0.058	0.083
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 11	656000	3840	19.38	21.00	1.452	50	1.000	-0.16	0.051	0.074
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	656000	3840	19.43	21.00	1.435	50	1.000	0.14	0.871	1.250
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	656000	3840	19.38	21.00	1.452	50	1.000	0.03	0.806	1.170
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	656000	3840	19.33	21.00	1.469	50	1.000	0.18	0.791	1.162
FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	656000	3840	22.33	24.00	1.468	25	1.000	-0.01	0.861	1.264
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	656000	3840	21.66	22.80	1.300	50	1.000	0.12	0.753	0.979
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	656000	3840	21.62	22.80	1.312	50	1.000	0.1	0.689	0.904
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	656000	3840	21.56	22.80	1.330	50	1.000	-0.04	0.666	0.886
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 11	656000	3840	21.66	22.80	1.300	50	1.000	0.16	0.273	0.355
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 11	656000	3840	21.62	22.80	1.312	50	1.000	-0.17	0.234	0.307
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 11	656000	3840	21.66	22.80	1.300	50	1.000	0.12	0.246	0.320



FCC SAR Test Report

Report No. : FA4N2802

FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 11	656000	3840	21.62	22.80	1.312	50	1.000	-0.1	0.211	0.277
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	656000	3840	21.66	22.80	1.300	50	1.000	-0.09	0.980	1.274
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	656000	3840	21.62	22.80	1.312	50	1.000	-0.17	0.945	1.240
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	656000	3840	21.56	22.80	1.330	50	1.000	-0.08	0.923	1.227
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 11	656000	3840	21.66	22.80	1.300	50	1.000	0.15	0.089	0.116
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 11	656000	3840	21.62	22.80	1.312	50	1.000	0.19	0.081	0.106
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	656000	3840	21.66	22.80	1.300	50	1.000	-0.09	0.743	0.966
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	656000	3840	21.62	22.80	1.312	50	1.000	0.02	0.689	0.904
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	656000	3840	21.56	22.80	1.330	50	1.000	-0.13	0.648	0.862
FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	656000	3840	24.59	25.80	1.322	25	1.000	-0.08	0.961	1.271
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 11	633334	3500.01	20.59	22.00	1.384	50	1.000	-0.11	0.663	0.917
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 11	633334	3500.01	20.56	22.00	1.393	50	1.000	-0.11	0.568	0.791
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+8	DSI 11	633334	3500.01	20.47	22.00	1.422	50	1.000	-0.13	0.541	0.769
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 11	633334	3500.01	20.59	22.00	1.384	50	1.000	-0.14	0.373	0.516
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+8	DSI 11	633334	3500.01	20.56	22.00	1.393	50	1.000	0.04	0.348	0.485
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.59	22.00	1.384	50	1.000	0.03	0.912	1.262
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.56	22.00	1.393	50	1.000	0.14	0.877	1.222
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.47	22.00	1.422	50	1.000	0.06	0.816	1.160
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.59	22.00	1.384	50	1.000	-0.16	0.886	1.226
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.56	22.00	1.393	50	1.000	-0.11	0.829	1.155
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.47	22.00	1.422	50	1.000	-0.03	0.811	1.153
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.59	22.00	1.384	50	1.000	0.05	0.055	0.076
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.56	22.00	1.393	50	1.000	-0.02	0.046	0.064
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.59	22.00	1.384	50	1.000	-0.08	0.504	0.697
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+8	DSI 11	633334	3500.01	20.56	22.00	1.393	50	1.000	0.13	0.481	0.670
FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+8	DSI 11	633334	3500.01	23.70	25.00	1.350	25	1.000	0.05	0.897	1.211
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 11	633334	3500.01	19.48	21.00	1.419	50	1.000	0.18	0.542	0.769
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+5	DSI 11	633334	3500.01	19.43	21.00	1.435	50	1.000	-0.04	0.529	0.759
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 11	633334	3500.01	19.48	21.00	1.419	50	1.000	0.11	0.611	0.867
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 11	633334	3500.01	19.43	21.00	1.435	50	1.000	0.12	0.553	0.794
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4+5	DSI 11	633334	3500.01	19.36	21.00	1.458	50	1.000	-0.03	0.541	0.789
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.48	21.00	1.419	50	1.000	0.04	0.715	1.015
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.43	21.00	1.435	50	1.000	-0.05	0.698	1.002
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.36	21.00	1.458	50	1.000	0.08	0.666	0.971
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.48	21.00	1.419	50	1.000	0.03	0.307	0.436
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.43	21.00	1.435	50	1.000	0.06	0.265	0.380
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.48	21.00	1.419	50	1.000	0.03	0.065	0.092
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.43	21.00	1.435	50	1.000	-0.17	0.057	0.082
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.48	21.00	1.419	50	1.000	0.13	0.858	1.218
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.43	21.00	1.435	50	1.000	-0.17	0.794	1.140
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	633334	3500.01	19.36	21.00	1.458	50	1.000	-0.07	0.745	1.086
FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 4+5	DSI 11	633334	3500.01	22.49	24.00	1.416	25	1.000	0.06	0.841	1.191
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	633334	3500.01	21.61	22.80	1.315	50	1.000	-0.07	0.677	0.890
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	633334	3500.01	21.57	22.80	1.327	50	1.000	-0.02	0.620	0.823
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	DSI 11	633334	3500.01	21.55	22.80	1.335	50	1.000	0.05	0.611	0.816
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 11	633334	3500.01	21.61	22.80	1.315	50	1.000	-0.03	0.246	0.324
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3+8	DSI 11	633334	3500.01	21.57	22.80	1.327	50	1.000	0.14	0.210	0.279
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.61	22.80	1.315	50	1.000	-0.17	0.221	0.291
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.57	22.80	1.327	50	1.000	0.15	0.190	0.252
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.61	22.80	1.315	50	1.000	-0.1	0.882	1.160
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.57	22.80	1.327	50	1.000	-0.17	0.850	1.128
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.55	22.80	1.335	50	1.000	-0.11	0.823	1.099
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.61	22.80	1.315	50	1.000	0.11	0.080	0.105
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.57	22.80	1.327	50	1.000	-0.18	0.073	0.097
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.61	22.80	1.315	50	1.000	-0.14	0.668	0.879



FCC SAR Test Report

Report No. : FA4N2802

FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.57	22.80	1.327	50	1.000	0.06	0.620	0.823
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	5mm	Ant 3+8	DSI 11	633334	3500.01	21.55	22.80	1.335	50	1.000	-0.12	0.608	0.812
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	5mm	Ant 3+8	DSI 11	633334	3500.01	24.54	25.80	1.338	25	1.000	-0.09	0.853	1.141

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	Hotspot	6	2437	14.72	15.50	1.197	97.06	1.030	0.08	0.323	0.398
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+6(6)	Hotspot	6	2437	14.72	15.50	1.197	97.06	1.030	-0.08	0.049	0.060
	WLAN2.4GHz	802.11b 1Mbps	Left Side	5mm	Ant 7+6(6)	Hotspot	6	2437	14.72	15.50	1.197	97.06	1.030	-0.08	0.029	0.036
	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 7+6(6)	Hotspot	6	2437	14.72	15.50	1.197	97.06	1.030	0.1	0.978	1.206
	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 7+6(6)	Hotspot	1	2412	14.61	15.50	1.227	97.06	1.030	-0.18	0.914	1.156
	WLAN2.4GHz	802.11b 1Mbps	Right Side	5mm	Ant 7+6(7)	Hotspot	11	2462	14.11	15.00	1.227	97.06	1.030	0.02	1.010	1.277
	WLAN2.4GHz	802.11b 1Mbps	Bottom Side	5mm	Ant 7+6(6)	Hotspot	6	2437	14.72	15.50	1.197	97.06	1.030	0.1	0.354	0.436
	WLAN2.4GHz	802.11n-HT40 MCS0	Right Side	5mm	Ant 7+6(6)	Hotspot	9	2452	14.46	15.50	1.271	99.63	1.004	0.06	0.935	1.193
	Bluetooth	1Mbps	Front	5mm	Ant 6	Hotspot	39	2441	18.30	18.50	1.047	77.07	1.081	-0.09	0.223	0.252
	Bluetooth	1Mbps	Back	5mm	Ant 6	Hotspot	39	2441	18.30	18.50	1.047	77.07	1.081	-0.17	0.112	0.127
	Bluetooth	1Mbps	Left Side	5mm	Ant 6	Hotspot	39	2441	18.30	18.50	1.047	77.07	1.081	-0.03	0.094	0.106
	Bluetooth	1Mbps	Right Side	5mm	Ant 6	Hotspot	39	2441	18.30	18.50	1.047	77.07	1.081	0.14	0.196	0.222
	Bluetooth	1Mbps	Bottom Side	5mm	Ant 6	Hotspot	39	2441	18.30	18.50	1.047	77.07	1.081	0.11	0.010	0.011
	Bluetooth	1Mbps	Front	5mm	Ant 7	Hotspot	39	2441	15.45	17.00	1.429	77.07	1.081	0.18	0.159	0.246
	Bluetooth	1Mbps	Back	5mm	Ant 7	Hotspot	39	2441	15.45	17.00	1.429	77.07	1.081	0.14	0.058	0.090
	Bluetooth	1Mbps	Left Side	5mm	Ant 7	Hotspot	39	2441	15.45	17.00	1.429	77.07	1.081	-0.17	0.044	0.068
67	Bluetooth	1Mbps	Right Side	5mm	Ant 7	Hotspot	39	2441	15.45	17.00	1.429	77.07	1.081	-0.01	0.822	1.270
	Bluetooth	1Mbps	Right Side	5mm	Ant 7	Hotspot	0	2402	15.38	17.00	1.452	77.07	1.081	-0.05	0.799	1.254
	Bluetooth	1Mbps	Right Side	5mm	Ant 7	Hotspot	78	2480	15.29	17.00	1.483	77.07	1.081	0.01	0.737	1.181
	Bluetooth	1Mbps	Bottom Side	5mm	Ant 7	Hotspot	39	2441	15.45	17.00	1.429	77.07	1.081	0.17	0.039	0.060
5000MHz																
	WLAN5.2GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(5)	Hotspot	46	5230	16.10	17.00	1.230	100	1.000	0.1	0.592	0.728
	WLAN5.2GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(5)	Hotspot	38	5190	15.29	16.50	1.321	100	1.000	0.08	0.502	0.663
	WLAN5.2GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5(5)	Hotspot	46	5230	16.10	17.00	1.230	100	1.000	0.04	0.096	0.118
	WLAN5.2GHz	802.11n-HT40 MCS0	Left Side	5mm	Ant 7+5(5)	Hotspot	46	5230	16.10	17.00	1.230	100	1.000	-0.01	0.043	0.053
	WLAN5.2GHz	802.11n-HT40 MCS0	Right Side	5mm	Ant 7+5(5)	Hotspot	46	5230	16.10	17.00	1.230	100	1.000	-0.08	0.879	1.081
	WLAN5.2GHz	802.11n-HT40 MCS0	Right Side	5mm	Ant 7+5(5)	Hotspot	38	5190	15.29	16.50	1.321	100	1.000	0.01	0.788	1.041
	WLAN5.2GHz	802.11n-HT40 MCS0	Bottom Side	5mm	Ant 7+5(5)	Hotspot	46	5230	16.10	17.00	1.230	100	1.000	0.05	0.287	0.353
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	Hotspot	159	5795	18.53	19.50	1.250	100	1.000	-0.09	0.835	1.044
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	Hotspot	151	5755	18.39	19.50	1.291	100	1.000	0.13	0.813	1.050
	WLAN5.8GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5(7)	Hotspot	159	5795	18.53	19.50	1.250	100	1.000	0.12	0.125	0.156
	WLAN5.8GHz	802.11n-HT40 MCS0	Left Side	5mm	Ant 7+5(7)	Hotspot	159	5795	18.53	19.50	1.250	100	1.000	0.03	0.085	0.106
	WLAN5.8GHz	802.11n-HT40 MCS0	Right Side	5mm	Ant 7+5(7)	Hotspot	159	5795	18.53	19.50	1.250	100	1.000	0.09	0.913	1.141
	WLAN5.8GHz	802.11n-HT40 MCS0	Right Side	5mm	Ant 7+5(7)	Hotspot	151	5755	18.39	19.50	1.291	100	1.000	0.18	0.861	1.112
	WLAN5.8GHz	802.11n-HT40 MCS0	Bottom Side	5mm	Ant 7+5(7)	Hotspot	159	5795	18.53	19.50	1.250	100	1.000	-0.1	0.585	0.731
	WLAN5.8GHz	802.11n-HT40 MCS0	Bottom Side	5mm	Ant 7+5(7)	Hotspot	151	5755	18.39	19.50	1.291	100	1.000	0.18	0.596	0.770



16.3 Body Worn Accessory SAR

<Flip Open>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																					
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	133322	683	22.65	24.00	1.365	-	-	0.08	0.522	0.712
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	133322	683	21.68	23.00	1.355	-	-	0.01	0.339	0.459
	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	133322	683	22.65	24.00	1.365	-	-	0.04	0.529	0.722
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	133322	683	21.68	23.00	1.355	-	-	0.03	0.347	0.470
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	133322	683	22.65	24.00	1.365	-	-	0.18	0.512	0.699
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	133322	683	22.61	24.00	1.377	-	-	-0.08	0.497	0.684
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	133322	683	21.66	23.00	1.361	-	-	-0.08	0.266	0.362
68	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	133322	683	22.61	24.00	1.377	-	-	-0.06	0.595	0.819
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	133322	683	21.66	23.00	1.361	-	-	0.1	0.464	0.632
	LTE Band 71	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	133322	683	21.64	23.00	1.368	-	-	-0.06	0.455	0.622
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	133322	683	22.61	24.00	1.377	-	-	-0.05	0.549	0.756
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	23095	707.5	22.96	24.00	1.271	-	-	0.1	0.539	0.685
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 3	23095	707.5	21.96	23.00	1.271	-	-	0.12	0.315	0.400
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	23095	707.5	22.96	24.00	1.271	-	-	0.11	0.619	0.786
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 3	23095	707.5	21.96	23.00	1.271	-	-	0.08	0.331	0.421
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	23095	707.5	22.96	24.00	1.271	-	-	0.11	0.596	0.757
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	23095	707.5	22.92	24.00	1.282	-	-	-0.17	0.527	0.676
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 3	23095	707.5	21.92	23.00	1.282	-	-	-0.03	0.297	0.381
69	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	23095	707.5	22.92	24.00	1.282	-	-	0.02	0.652	0.836
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 3	23095	707.5	21.92	23.00	1.282	-	-	0.14	0.497	0.637
	LTE Band 12	10M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	23095	707.5	21.88	23.00	1.294	-	-	0.11	0.481	0.623
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	23095	707.5	22.92	24.00	1.282	-	-	0.14	0.632	0.810
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	23230	782	22.07	23.00	1.239	-	-	-0.05	0.391	0.484
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 3	23230	782	21.06	22.00	1.242	-	-	0.18	0.262	0.325
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	23230	782	22.07	23.00	1.239	-	-	0.07	0.469	0.581
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 3	23230	782	21.06	22.00	1.242	-	-	0.14	0.257	0.319
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	23230	782	22.07	23.00	1.239	-	-	-0.03	0.433	0.536
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	23230	782	22.28	23.00	1.180	-	-	-0.17	0.488	0.576
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 3	23230	782	21.34	22.00	1.164	-	-	0.17	0.399	0.464
70	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	23230	782	22.28	23.00	1.180	-	-	0.04	0.543	0.641
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 3	23230	782	21.34	22.00	1.164	-	-	-0.05	0.427	0.497
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	23230	782	22.28	23.00	1.180	-	-	-0.17	0.518	0.611
	LTE Band 14	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	23330	793	22.50	24.00	1.413	-	-	0.01	0.521	0.736
	LTE Band 14	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 3	23330	793	21.55	23.00	1.396	-	-	0.1	0.387	0.540
71	LTE Band 14	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	23330	793	22.50	24.00	1.413	-	-	0.14	0.583	0.824
	LTE Band 14	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 3	23330	793	21.55	23.00	1.396	-	-	-0.17	0.457	0.638
	LTE Band 14	10M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	23330	793	21.54	23.00	1.400	-	-	0.02	0.438	0.613
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	23330	793	22.50	24.00	1.413	-	-	0.08	0.549	0.775
	LTE Band 14	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	23330	793	22.33	23.00	1.167	-	-	0.04	0.487	0.568
	LTE Band 14	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 3	23330	793	21.36	22.00	1.159	-	-	-0.01	0.256	0.297
	LTE Band 14	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	23330	793	22.33	23.00	1.167	-	-	-0.09	0.544	0.635
	LTE Band 14	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 3	23330	793	21.36	22.00	1.159	-	-	-0.08	0.317	0.367
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	23330	793	22.33	23.00	1.167	-	-	0.12	0.529	0.617
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	136100	680.5	23.08	24.00	1.236	-	-	0.06	0.245	0.303
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	136100	680.5	23.06	24.00	1.242	-	-	0.01	0.311	0.386
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	136100	680.5	23.08	24.00	1.236	-	-	-0.11	0.288	0.356
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	136100	680.5	23.06	24.00	1.242	-	-	0.05	0.371	0.461
	FR1 n71_Main PA	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	136100	680.5	23.26	24.00	1.186	-	-	-0.07	0.361	0.428
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	136100	680.5	22.99	24.00	1.262	-	-	0.09	0.295	0.372



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	136100	680.5	22.81	24.00	1.315	-	-	-0.02	0.281	0.370
72	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	136100	680.5	22.99	24.00	1.262	-	-	-0.03	0.388	0.490
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	136100	680.5	22.81	24.00	1.315	-	-	0.15	0.365	0.480
	FR1 n71_Other Path	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	136100	680.5	23.03	24.00	1.250	-	-	0.1	0.318	0.398
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	141500	707.5	23.64	24.50	1.219	-	-	-0.08	0.336	0.410
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	141500	707.5	23.60	24.50	1.230	-	-	0.06	0.347	0.427
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	141500	707.5	23.64	24.50	1.219	-	-	0.15	0.375	0.457
73	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	141500	707.5	23.60	24.50	1.230	-	-	-0.1	0.402	0.495
	FR1 n12_Other Path	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	141500	707.5	23.76	24.50	1.186	-	-	0.1	0.391	0.464
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	141500	707.5	23.47	24.00	1.130	-	-	-0.08	0.264	0.298
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	141500	707.5	23.39	24.00	1.151	-	-	-0.05	0.248	0.285
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	141500	707.5	23.47	24.00	1.130	-	-	-0.05	0.343	0.388
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	141500	707.5	23.39	24.00	1.151	-	-	-0.18	0.318	0.366
	FR1 n12_Other Path	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	141500	707.5	23.52	24.00	1.117	-	-	-0.08	0.336	0.375
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	158600	793	23.70	24.50	1.202	-	-	-0.08	0.423	0.509
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	158600	793	23.61	24.50	1.227	-	-	0.18	0.429	0.527
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	158600	793	23.70	24.50	1.202	-	-	0.1	0.471	0.566
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	158600	793	23.61	24.50	1.227	-	-	-0.11	0.498	0.611
	FR1 n14_Other Path	10M	QPSK	25	14	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	158600	793	23.33	24.00	1.167	-	-	-0.06	0.500	0.583
	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	158600	793	23.13	24.00	1.222	-	-	0.03	0.422	0.516
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	158600	793	23.09	24.00	1.233	-	-	0.04	0.354	0.437
74	FR1 n14	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	158600	793	23.13	24.00	1.222	-	-	0.03	0.520	0.635
	FR1 n14	10M	QPSK	25	14	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	158600	793	23.09	24.00	1.233	-	-	-0.09	0.440	0.543
	FR1 n14_Main PA	10M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	158600	793	23.39	24.00	1.151	-	-	-0.11	0.531	0.611
835MHz																					
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 0	-	DSI 3	189	836.4	28.07	29.00	1.239	-	-	0.05	0.462	0.572
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 0	-	DSI 3	189	836.4	28.07	29.00	1.239	-	-	-0.04	0.552	0.684
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 1	-	DSI 3	189	836.4	27.48	29.00	1.419	-	-	0.06	0.397	0.563
75	GSM850	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 1	-	DSI 3	189	836.4	27.48	29.00	1.419	-	-	-0.06	0.484	0.687
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	4182	836.4	23.26	24.00	1.186	-	-	0.13	0.596	0.707
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	4182	836.4	23.26	24.00	1.186	-	-	0.18	0.679	0.805
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	4132	826.4	23.23	24.00	1.194	-	-	-0.15	0.675	0.806
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	4233	846.6	23.25	24.00	1.189	-	-	0.16	0.652	0.775
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	-	DSI 3	4182	836.4	23.66	24.00	1.081	-	-	-0.1	0.651	0.704
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	4182	836.4	23.66	24.00	1.081	-	-	-0.1	0.749	0.810
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	4132	826.4	23.65	24.00	1.084	-	-	0.01	0.777	0.842
76	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 3	4233	846.6	23.61	24.00	1.094	-	-	-0.14	0.781	0.854
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	26865	831.5	22.85	24.00	1.303	-	-	-0.15	0.689	0.898
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 0	-	DSI 3	26865	831.5	21.87	23.00	1.297	-	-	0.19	0.545	0.707
	LTE Band 26	15M	QPSK	75	0	-	Front	5mm	Ant 0	-	DSI 3	26865	831.5	21.85	23.00	1.303	-	-	0.03	0.526	0.685
77	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	26865	831.5	22.85	24.00	1.303	-	-	0.01	0.735	0.958
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 0	-	DSI 3	26865	831.5	21.87	23.00	1.297	-	-	0.07	0.576	0.747
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 0	-	DSI 3	26865	831.5	21.85	23.00	1.303	-	-	-0.18	0.570	0.743
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	20525	836.5	22.78	24.00	1.324	-	-	0.17	0.711	0.942
	LTE Band 5B	10M	QPSK	1	49	-	Back	5mm	Ant 0	-	DSI 3	20476+ 20575	831.6+ 841.5	22.63	24.00	1.371	-	-	0.02	0.688	0.943
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	26865	831.5	22.46	24.00	1.426	-	-	-0.15	0.528	0.753
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 1	-	DSI 3	26865	831.5	21.49	23.00	1.416	-	-	-0.15	0.292	0.413
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	26865	831.5	22.46	24.00	1.426	-	-	-0.17	0.632	0.901
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 1	-	DSI 3	26865	831.5	21.49	23.00	1.416	-	-	0.11	0.495	0.701
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 1	-	DSI 3	26865	831.5	21.46	23.00	1.426	-	-	-0.08	0.473	0.674
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	20525	836.5	22.28	24.00	1.486	-	-	-0.05	0.587	0.872
	LTE Band 5B	10M	QPSK	1	49	-	Back	5mm	Ant 1	-	DSI 3	20476+ 20575	831.6+ 841.5	22.15	24.00	1.531	-	-	0.02	0.574	0.879
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	166300	831.5	23.33	24.00	1.167	-	-	-0.15	0.438	0.511
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	166300	831.5	23.28	24.00	1.180	-	-	0.11	0.429	0.506
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	166300	831.5	23.33	24.00	1.167	-	-	0.08	0.512	0.597



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	166300	831.5	23.28	24.00	1.180	-	-	0.14	0.470	0.555
	FR1 n26_Main PA	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	166300	831.5	23.60	24.00	1.096	-	-	-0.02	0.513	0.562
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	166300	831.5	23.20	24.00	1.202	-	-	0.02	0.439	0.528
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	166300	831.5	23.10	24.00	1.230	-	-	-0.03	0.413	0.508
78	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	166300	831.5	23.20	24.00	1.202	-	-	-0.11	0.540	0.649
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	166300	831.5	23.10	24.00	1.230	-	-	-0.16	0.516	0.635
	FR1 n26_Other Path	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	166300	831.5	23.20	24.00	1.202	-	-	0.01	0.534	0.642
1750MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 3	1413	1732.6	18.89	20.20	1.352	-	-	-0.17	0.838	1.133
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 3	1312	1712.4	18.87	20.20	1.358	-	-	-0.08	0.929	1.262
79	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 3	1513	1752.6	18.85	20.20	1.365	-	-	-0.05	0.935	1.276
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	-	DSI 3	1413	1732.6	18.89	20.20	1.352	-	-	-0.04	0.844	1.141
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	-	DSI 3	1312	1712.4	18.87	20.20	1.358	-	-	-0.08	0.900	1.222
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	-	DSI 3	1513	1752.6	18.85	20.20	1.365	-	-	0.17	0.903	1.232
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	Headset	DSI 3	1513	1752.6	18.85	20.20	1.365	-	-	0.18	0.922	1.258
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	Headset	DSI 3	1513	1752.6	18.85	20.20	1.365	-	-	-0.04	0.895	1.221
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	16mm	Ant 2	-	DSI 4	1413	1732.6	23.57	24.00	1.104	-	-	-0.15	0.436	0.481
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	16mm	Ant 2	-	DSI 4	1413	1732.6	23.57	24.00	1.104	-	-	0.11	0.396	0.437
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	1413	1732.6	23.12	24.00	1.225	-	-	-0.08	0.806	0.987
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	1312	1712.4	23.08	24.00	1.236	-	-	-0.13	0.812	1.004
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	1513	1752.6	23.05	24.00	1.245	-	-	-0.13	0.787	0.979
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	1413	1732.6	23.12	24.00	1.225	-	-	0.06	0.918	1.124
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	1312	1712.4	23.08	24.00	1.236	-	-	0.01	0.987	1.220
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	1513	1752.6	23.05	24.00	1.245	-	-	-0.03	0.862	1.073
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	Headset	DSI 3	1312	1712.4	23.08	24.00	1.236	-	-	0.06	0.955	1.180
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	132322	1745	20.86	21.90	1.271	-	-	-0.03	0.897	1.140
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	132072	1720	20.76	21.90	1.300	-	-	0.08	0.874	1.136
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	132572	1770	20.85	21.90	1.274	-	-	-0.07	0.934	1.189
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	132322	1745	20.84	21.90	1.276	-	-	0.05	0.516	0.659
	LTE Band 66	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 3	132322	1745	20.83	21.90	1.279	-	-	0.03	0.535	0.684
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	132322	1745	20.86	21.90	1.271	-	-	-0.16	0.915	1.163
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	132072	1720	20.76	21.90	1.300	-	-	-0.02	0.948	1.233
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	132572	1770	20.85	21.90	1.274	-	-	-0.05	0.996	1.268
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	132322	1745	20.84	21.90	1.276	-	-	0.15	0.505	0.645
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 2	-	DSI 3	132322	1745	20.83	21.90	1.279	-	-	-0.05	0.524	0.670
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	Headset	DSI 3	132572	1770	20.85	21.90	1.274	-	-	0.02	0.958	1.220
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	132572	1770	20.85	21.90	1.274	-	-	0.04	0.915	1.165
	LTE Band 66	20M	QPSK	1	0	-	Front	16mm	Ant 2	-	DSI 4	132322	1745	22.81	24.00	1.315	-	-	-0.08	0.412	0.542
	LTE Band 66	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	132322	1745	22.81	24.00	1.315	-	-	-0.17	0.360	0.473
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	132322	1745	21.03	22.30	1.340	-	-	-0.08	0.820	1.099
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	132072	1720	20.93	22.30	1.371	-	-	0.16	0.833	1.142
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	132572	1770	20.97	22.30	1.358	-	-	0.05	0.901	1.224
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	132322	1745	21.02	22.30	1.343	-	-	0.05	0.479	0.643
	LTE Band 66	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 3	132322	1745	20.97	22.30	1.358	-	-	0.02	0.457	0.621
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	132322	1745	21.03	22.30	1.340	-	-	-0.03	0.950	1.273
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	132072	1720	20.93	22.30	1.371	-	-	0.07	0.917	1.257
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	132572	1770	20.97	22.30	1.358	-	-	0.16	0.932	1.266
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	132322	1745	21.02	22.30	1.343	-	-	0.13	0.533	0.716
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 3	-	DSI 3	132322	1745	20.97	22.30	1.358	-	-	0.16	0.565	0.767
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	Headset	DSI 3	132572	1770	20.97	22.30	1.358	-	-	-0.03	0.888	1.206
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	Headset	DSI 3	132322	1745	21.03	22.30	1.340	-	-	0.07	0.926	1.241
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	132322	1745	21.03	22.30	1.340	-	-	-0.17	0.896	1.200
	LTE Band 66	20M	QPSK	1	0	-	Front	16mm	Ant 3	-	DSI 4	132322	1745	22.66	24.00	1.361	-	-	-0.08	0.253	0.344
	LTE Band 66	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	132322	1745	22.66	24.00	1.361	-	-	-0.04	0.279	0.380
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	132322	1745	22.31	23.60	1.346	-	-	-0.01	0.777	1.046
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	132072	1720	22.25	23.60	1.365	-	-	0.01	0.819	1.118



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	132572	1770	22.26	23.60	1.361	-	-	-0.01	0.788	1.073
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	132322	1745	21.34	23.00	1.466	-	-	-0.06	0.402	0.589
	LTE Band 66	20M	QPSK	100	0	-	Front	5mm	Ant 0	-	DSI 3	132322	1745	21.31	23.00	1.476	-	-	-0.17	0.393	0.580
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	132322	1745	22.31	23.60	1.346	-	-	-0.1	0.897	1.207
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	132072	1720	22.25	23.60	1.365	-	-	-0.07	0.932	1.272
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	132572	1770	22.26	23.60	1.361	-	-	0.18	0.883	1.202
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	132322	1745	21.34	23.00	1.466	-	-	-0.17	0.466	0.683
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	132322	1745	21.31	23.00	1.476	-	-	-0.13	0.502	0.741
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	Headset	DSI 3	132072	1720	22.25	23.60	1.365	-	-	0.02	0.916	1.250
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	132072	1720	22.25	23.60	1.365	-	-	0.01	0.902	1.231
	LTE Band 66	20M	QPSK	1	0	-	Front	16mm	Ant 0	-	DSI 4	132322	1745	22.31	24.00	1.476	-	-	-0.08	0.276	0.407
	LTE Band 66	20M	QPSK	1	0	-	Back	16mm	Ant 0	-	DSI 4	132322	1745	22.31	24.00	1.476	-	-	0.17	0.325	0.480
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	132322	1745	22.08	22.90	1.208	-	-	-0.09	0.994	1.201
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	132072	1720	21.99	22.90	1.233	-	-	0.05	0.984	1.213
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	132572	1770	22.02	22.90	1.225	-	-	0.02	0.994	1.217
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	132322	1745	21.08	22.00	1.236	-	-	-0.13	0.561	0.693
	LTE Band 66	20M	QPSK	100	0	-	Front	5mm	Ant 1	-	DSI 3	132322	1745	21.06	22.00	1.242	-	-	0.13	0.521	0.647
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	132322	1745	22.08	22.90	1.208	-	-	-0.04	0.984	1.188
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	132072	1720	21.99	22.90	1.233	-	-	0.02	1.030	1.270
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	132572	1770	22.02	22.90	1.225	-	-	-0.15	0.966	1.183
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	132322	1745	21.08	22.00	1.236	-	-	0.11	0.602	0.744
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	132322	1745	21.06	22.00	1.242	-	-	0.04	0.544	0.675
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	Headset	DSI 3	132572	1770	22.02	22.90	1.225	-	-	-0.18	0.958	1.173
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	Headset	DSI 3	132072	1720	21.99	22.90	1.233	-	-	-0.11	0.983	1.212
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	132072	1720	21.99	22.90	1.233	-	-	0.1	0.945	1.165
	LTE Band 66	20M	QPSK	1	0	-	Front	16mm	Ant 1	-	DSI 4	132322	1745	22.08	23.00	1.236	-	-	0.18	0.195	0.241
	LTE Band 66	20M	QPSK	1	0	-	Back	16mm	Ant 1	-	DSI 4	132322	1745	22.08	23.00	1.236	-	-	-0.04	0.194	0.240
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	349000	1745	20.69	21.90	1.321	-	-	-0.02	0.815	1.077
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	349000	1745	20.65	21.90	1.334	-	-	0.06	0.962	1.283
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	349000	1745	20.64	21.90	1.337	-	-	0.08	0.897	1.199
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	349000	1745	20.69	21.90	1.321	-	-	0.18	0.883	1.167
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	349000	1745	20.65	21.90	1.334	-	-	-0.04	0.908	1.211
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	349000	1745	20.64	21.90	1.337	-	-	0.17	0.881	1.178
	FR1 n66_Other Path	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	349000	1745	20.92	21.90	1.253	-	-	-0.07	1.020	1.278
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	Headset	DSI 3	349000	1745	20.65	21.90	1.334	-	-	0.03	0.948	1.264
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2	Headset	DSI 3	349000	1745	20.65	21.90	1.334	-	-	0.01	0.885	1.180
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 2	-	DSI 4	349000	1745	23.45	24.00	1.135	-	-	-0.08	0.286	0.325
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2	-	DSI 4	349000	1745	23.45	24.00	1.135	-	-	-0.13	0.261	0.296
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	349000	1745	21.75	22.70	1.245	-	-	0.04	0.998	1.242
80	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	349000	1745	21.71	22.70	1.256	-	-	-0.05	1.030	1.294
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	349000	1745	21.70	22.70	1.259	-	-	-0.16	0.774	0.974
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	349000	1745	21.75	22.70	1.245	-	-	-0.12	1.020	1.269
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	349000	1745	21.71	22.70	1.256	-	-	-0.08	1.010	1.269
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	349000	1745	21.70	22.70	1.259	-	-	-0.18	0.842	1.060
	FR1 n66_Other Path	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	349000	1745	21.85	22.70	1.216	-	-	0.11	0.986	1.199
	FR1 n66_Code 2	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	349000	1745	21.71	22.70	1.256	-	-	0.07	0.763	0.958
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	Headset	DSI 3	349000	1745	21.71	22.70	1.256	-	-	-0.13	0.995	1.250
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	Headset	DSI 3	349000	1745	21.75	22.70	1.245	-	-	-0.03	0.983	1.223
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 3	-	DSI 4	349000	1745	23.25	24.00	1.189	-	-	-0.13	0.203	0.241
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 3	-	DSI 4	349000	1745	23.25	24.00	1.189	-	-	0.06	0.201	0.239
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	349000	1745	23.18	24.00	1.208	-	-	0.02	0.898	1.085
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	349000	1745	23.08	24.00	1.236	-	-	0.02	0.884	1.093
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	349000	1745	22.16	23.00	1.213	-	-	0.11	0.696	0.845
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	349000	1745	23.18	24.00	1.208	-	-	0.03	1.050	1.268
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	349000	1745	23.08	24.00	1.236	-	-	-0.17	1.010	1.248
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	349000	1745	22.16	23.00	1.213	-	-	-0.04	0.800	0.971



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n66_Other Path	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	349000	1745	23.21	24.00	1.199	-	-	0.12	1.020	1.223
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	Headset	DSI 3	349000	1745	23.18	24.00	1.208	-	-	0.02	1.010	1.220
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	349000	1745	21.73	22.90	1.309	-	-	-0.17	0.919	1.203
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	349000	1745	21.71	22.90	1.315	-	-	-0.07	0.828	1.089
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	349000	1745	21.70	22.90	1.318	-	-	0.04	0.649	0.856
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	349000	1745	21.73	22.90	1.309	-	-	-0.01	0.987	1.292
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	349000	1745	21.71	22.90	1.315	-	-	0.01	0.888	1.168
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	349000	1745	21.70	22.90	1.318	-	-	0.04	0.687	0.906
	FR1 n66_Other Path	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	349000	1745	22.35	22.90	1.135	-	-	0.02	1.050	1.192
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	Headset	DSI 3	349000	1745	21.73	22.90	1.309	-	-	-0.06	0.886	1.160
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	Headset	DSI 3	349000	1745	21.73	22.90	1.309	-	-	0.16	0.964	1.262
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 1	-	DSI 4	349000	1745	22.28	23.00	1.180	-	-	-0.03	0.190	0.224
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 1	-	DSI 4	349000	1745	22.28	23.00	1.180	-	-	-0.03	0.196	0.231
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	340500	1702.5	21.56	22.80	1.330	-	-	0.1	0.901	1.199
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	340500	1702.5	21.54	22.80	1.337	-	-	0.03	0.818	1.093
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	340500	1702.5	21.49	22.80	1.352	-	-	-0.03	0.651	0.880
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	340500	1702.5	21.56	22.80	1.330	-	-	0.02	0.967	1.287
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	340500	1702.5	21.54	22.80	1.337	-	-	0.09	0.840	1.123
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	340500	1702.5	21.49	22.80	1.352	-	-	-0.13	0.757	1.024
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	Headset	DSI 3	340500	1702.5	21.56	22.80	1.330	-	-	0.02	0.944	1.256
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	340500	1702.5	23.43	24.00	1.140	-	-	-0.17	0.920	1.049
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	340500	1702.5	23.20	24.00	1.202	-	-	-0.1	0.915	1.100
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	340500	1702.5	22.36	23.00	1.159	-	-	0.1	0.735	0.852
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	340500	1702.5	23.43	24.00	1.140	-	-	-0.09	0.953	1.087
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	340500	1702.5	23.20	24.00	1.202	-	-	0.17	0.912	1.096
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	340500	1702.5	22.36	23.00	1.159	-	-	-0.06	0.735	0.852
	FR1 n70_Code 2	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	340500	1702.5	23.43	24.00	1.140	-	-	-0.03	0.748	0.853
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	340500	1702.5	22.71	23.70	1.256	-	-	0.07	0.889	1.117
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	340500	1702.5	22.56	23.70	1.300	-	-	0.11	0.864	1.123
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	340500	1702.5	21.69	23.00	1.352	-	-	-0.18	0.682	0.922
81	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	340500	1702.5	22.71	23.70	1.256	-	-	-0.07	1.030	1.294
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	340500	1702.5	22.56	23.70	1.300	-	-	0.11	0.963	1.252
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	340500	1702.5	21.69	23.00	1.352	-	-	-0.01	0.788	1.065
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	Headset	DSI 3	340500	1702.5	22.71	23.70	1.256	-	-	-0.11	1.000	1.256
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	340500	1702.5	22.60	23.50	1.230	-	-	0.04	1.030	1.267
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	340500	1702.5	22.54	23.50	1.247	-	-	0.16	0.901	1.124
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	340500	1702.5	21.56	23.00	1.393	-	-	0.17	0.773	1.077
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	340500	1702.5	22.60	23.50	1.230	-	-	-0.07	1.050	1.292
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	340500	1702.5	22.54	23.50	1.247	-	-	0.06	0.919	1.146
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	340500	1702.5	21.56	23.00	1.393	-	-	-0.18	0.769	1.071
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	Headset	DSI 3	340500	1702.5	22.60	23.50	1.230	-	-	0.06	0.995	1.224
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	Headset	DSI 3	340500	1702.5	22.60	23.50	1.230	-	-	0.18	1.010	1.243
1900MHz																					
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Front	5mm	Ant 2	-	DSI 3	661	1880	27.76	28.50	1.186	-	-	-0.16	0.837	0.992
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Front	5mm	Ant 2	-	DSI 3	512	1850.2	27.69	28.50	1.205	-	-	-0.12	0.945	1.139
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Front	5mm	Ant 2	-	DSI 3	810	1909.8	27.72	28.50	1.197	-	-	-0.15	0.899	1.076
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Back	5mm	Ant 2	-	DSI 3	661	1880	27.76	28.50	1.186	-	-	-0.06	0.791	0.938
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Back	5mm	Ant 2	-	DSI 3	512	1850.2	27.69	28.50	1.205	-	-	-0.14	0.899	1.083
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Back	5mm	Ant 2	-	DSI 3	810	1909.8	27.72	28.50	1.197	-	-	-0.19	0.922	1.103
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 0	-	DSI 3	661	1880	25.33	26.50	1.309	-	-	0.01	0.320	0.419
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 0	-	DSI 3	661	1880	25.33	26.50	1.309	-	-	0.02	0.355	0.465
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 3	9400	1880	19.58	21.00	1.387	-	-	0.06	0.920	1.276
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 3	9262	1852.4	19.54	21.00	1.400	-	-	0.02	0.873	1.222
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 3	9538	1907.6	19.50	21.00	1.413	-	-	0.12	0.820	1.158
82	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	-	DSI 3	9400	1880	19.58	21.00	1.387	-	-	0.01	0.935	1.297
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	-	DSI 3	9262	1852.4	19.54	21.00	1.400	-	-	-0.16	0.828	1.159



FCC SAR Test Report

Report No. : FA4N2802

	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	-	DSI 3	9538	1907.6	19.50	21.00	1.413	-	-	-0.12	0.855	1.208
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	Headset	DSI 3	9400	1880	19.58	21.00	1.387	-	-	0.07	0.912	1.265
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	Headset	DSI 3	9400	1880	19.58	21.00	1.387	-	-	-0.02	0.921	1.277
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	16mm	Ant 2	-	DSI 4	9400	1880	23.32	24.00	1.169	-	-	0.08	0.444	0.519
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	16mm	Ant 2	-	DSI 4	9400	1880	23.32	24.00	1.169	-	-	-0.07	0.393	0.460
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	9400	1880	22.81	24.00	1.315	-	-	-0.05	0.777	1.022
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	9262	1852.4	22.79	24.00	1.321	-	-	-0.13	0.842	1.113
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 3	9538	1907.6	22.71	24.00	1.346	-	-	0.08	0.783	1.054
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	9400	1880	22.81	24.00	1.315	-	-	-0.15	0.979	1.288
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	9262	1852.4	22.79	24.00	1.321	-	-	0.16	0.924	1.221
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 3	9538	1907.6	22.71	24.00	1.346	-	-	0.01	0.830	1.117
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	Headset	DSI 3	9400	1880	22.81	24.00	1.315	-	-	0.06	0.966	1.271
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	26340	1880	20.73	21.80	1.279	-	-	-0.16	0.897	1.148
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	26140	1860	20.63	21.80	1.309	-	-	0.1	0.807	1.057
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	26590	1905	20.72	21.80	1.282	-	-	-0.04	0.908	1.164
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	26340	1880	20.72	21.80	1.282	-	-	-0.01	0.445	0.571
	LTE Band 25	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 3	26340	1880	20.70	21.80	1.288	-	-	-0.06	0.485	0.625
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	26340	1880	20.73	21.80	1.279	-	-	-0.15	0.973	1.245
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	26140	1860	20.63	21.80	1.309	-	-	0.03	0.883	1.156
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	26590	1905	20.72	21.80	1.282	-	-	-0.05	0.998	1.280
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	26340	1880	20.72	21.80	1.282	-	-	-0.13	0.477	0.612
	LTE Band 25	20M	QPSK	100	0	-	Back	5mm	Ant 2	-	DSI 3	26340	1880	20.70	21.80	1.288	-	-	-0.02	0.470	0.605
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	Headset	DSI 3	26590	1905	20.72	21.80	1.282	-	-	0.02	0.968	1.241
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	19100	1900	20.58	21.80	1.324	-	-	-0.01	0.911	1.206
	LTE Band 25	20M	QPSK	1	0	-	Front	16mm	Ant 2	-	DSI 4	26340	1880	22.74	24.00	1.337	-	-	0.05	0.366	0.489
	LTE Band 25	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	26340	1880	22.74	24.00	1.337	-	-	-0.11	0.335	0.448
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	26340	1880	20.55	21.90	1.365	-	-	0.14	0.791	1.079
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	26140	1860	20.54	21.90	1.368	-	-	0.1	0.883	1.208
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	26590	1905	20.46	21.90	1.393	-	-	-0.09	0.835	1.163
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	26340	1880	20.51	21.90	1.377	-	-	0.07	0.441	0.607
	LTE Band 25	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 3	26340	1880	20.49	21.90	1.384	-	-	-0.18	0.438	0.606
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	26340	1880	20.55	21.90	1.365	-	-	-0.07	0.844	1.152
83	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	26140	1860	20.54	21.90	1.368	-	-	0.11	0.941	1.287
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	26590	1905	20.46	21.90	1.393	-	-	0.11	0.854	1.190
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	26340	1880	20.51	21.90	1.377	-	-	-0.08	0.485	0.668
	LTE Band 25	20M	QPSK	100	0	-	Back	5mm	Ant 3	-	DSI 3	26340	1880	20.49	21.90	1.384	-	-	-0.09	0.474	0.656
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	Headset	DSI 3	26140	1860	20.54	21.90	1.368	-	-	-0.06	0.869	1.189
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	Headset	DSI 3	26140	1860	20.54	21.90	1.368	-	-	-0.17	0.926	1.267
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	18700	1860	20.33	21.90	1.435	-	-	-0.08	0.825	1.184
	LTE Band 25	20M	QPSK	1	0	-	Front	16mm	Ant 3	-	DSI 4	26340	1880	23.05	24.00	1.245	-	-	-0.12	0.410	0.510
	LTE Band 25	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	26340	1880	23.05	24.00	1.245	-	-	0.03	0.442	0.550
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	26340	1880	22.15	23.00	1.216	-	-	-0.01	0.875	1.064
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	26140	1860	22.11	23.00	1.227	-	-	-0.11	0.830	1.019
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	26590	1905	22.08	23.00	1.236	-	-	0.14	0.774	0.957
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	26340	1880	21.23	22.00	1.194	-	-	0.03	0.456	0.544
	LTE Band 25	20M	QPSK	100	0	-	Front	5mm	Ant 0	-	DSI 3	26340	1880	21.20	22.00	1.202	-	-	0.1	0.408	0.491
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	26340	1880	22.15	23.00	1.216	-	-	0.16	0.920	1.119
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	26140	1860	22.11	23.00	1.227	-	-	-0.02	0.963	1.182
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	26590	1905	22.08	23.00	1.236	-	-	-0.06	0.876	1.083
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	26340	1880	21.23	22.00	1.194	-	-	0.02	0.493	0.589
	LTE Band 25	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	26340	1880	21.20	22.00	1.202	-	-	-0.16	0.502	0.604
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	18700	1860	22.07	23.00	1.239	-	-	0.05	0.925	1.146
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	26340	1880	22.41	23.00	1.146	-	-	0.05	0.879	1.007
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	26140	1860	22.34	23.00	1.164	-	-	-0.03	0.769	0.895
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	26590	1905	22.32	23.00	1.169	-	-	0.17	0.759	0.888
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	26340	1880	21.45	22.00	1.135	-	-	-0.15	0.469	0.532



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 25	20M	QPSK	100	0	-	Front	5mm	Ant 1	-	DSI 3	26340	1880	21.41	22.00	1.146	-	-	-0.06	0.396	0.454
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	26340	1880	22.41	23.00	1.146	-	-	-0.13	0.850	0.974
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	26140	1860	22.34	23.00	1.164	-	-	0.05	0.923	1.074
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	26590	1905	22.32	23.00	1.169	-	-	-0.01	0.898	1.050
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	26340	1880	21.45	22.00	1.135	-	-	-0.11	0.462	0.524
	LTE Band 25	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	26340	1880	21.41	22.00	1.146	-	-	-0.18	0.419	0.480
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	18700	1860	22.32	23.00	1.169	-	-	0.06	0.908	1.062
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	376500	1882.5	21.22	22.30	1.282	-	-	0.04	0.993	1.273
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	376500	1882.5	21.20	22.30	1.288	-	-	-0.19	0.895	1.153
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	376500	1882.5	21.19	22.30	1.291	-	-	0.17	0.840	1.085
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	376500	1882.5	21.22	22.30	1.282	-	-	-0.16	0.932	1.195
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	376500	1882.5	21.20	22.30	1.288	-	-	-0.08	0.863	1.112
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	376500	1882.5	21.19	22.30	1.291	-	-	0.03	0.819	1.058
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	376000	1880	21.41	22.30	1.227	-	-	-0.02	0.987	1.211
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	Headset	DSI 3	376500	1882.5	21.22	22.30	1.282	-	-	-0.17	0.966	1.239
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 2	-	DSI 4	376500	1882.5	23.36	24.00	1.159	-	-	-0.16	0.209	0.242
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2	-	DSI 4	376500	1882.5	23.36	24.00	1.159	-	-	-0.02	0.199	0.231
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	376500	1882.5	20.35	21.40	1.274	-	-	-0.17	0.906	1.154
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	376500	1882.5	20.31	21.40	1.285	-	-	0.02	0.956	1.229
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	376500	1882.5	20.29	21.40	1.291	-	-	-0.07	0.528	0.682
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	376500	1882.5	20.35	21.40	1.274	-	-	0.04	1.010	1.286
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	376500	1882.5	20.31	21.40	1.285	-	-	-0.03	0.985	1.266
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	376500	1882.5	20.29	21.40	1.291	-	-	0.09	0.578	0.746
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	376000	1880	20.36	21.40	1.271	-	-	-0.05	0.987	1.254
	FR1 n25_Code 2	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	376500	1882.5	20.35	21.40	1.274	-	-	0.17	0.840	1.070
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	Headset	DSI 3	376500	1882.5	20.31	21.40	1.285	-	-	-0.02	0.922	1.185
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	Headset	DSI 3	376500	1882.5	20.35	21.40	1.274	-	-	-0.07	0.986	1.256
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 3	-	DSI 4	376500	1882.5	23.41	24.00	1.146	-	-	0.15	0.278	0.318
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 3	-	DSI 4	376500	1882.5	23.41	24.00	1.146	-	-	-0.09	0.290	0.332
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	376500	1882.5	22.70	24.00	1.349	-	-	-0.16	0.734	0.990
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	376500	1882.5	22.67	24.00	1.358	-	-	-0.03	0.715	0.971
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	376500	1882.5	21.68	23.00	1.355	-	-	0.03	0.673	0.912
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	376500	1882.5	22.70	24.00	1.349	-	-	-0.04	0.811	1.094
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	376500	1882.5	22.67	24.00	1.358	-	-	0.1	0.797	1.083
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	376500	1882.5	21.68	23.00	1.355	-	-	0.03	0.713	0.966
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	376000	1880	23.31	24.00	1.172	-	-	-0.01	0.792	0.928
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	376500	1882.5	22.83	24.00	1.309	-	-	0.06	0.841	1.101
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	376500	1882.5	22.65	24.00	1.365	-	-	0.12	0.803	1.096
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	376500	1882.5	21.83	23.00	1.309	-	-	-0.03	0.748	0.979
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	376500	1882.5	22.83	24.00	1.309	-	-	0.04	0.939	1.229
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	376500	1882.5	22.65	24.00	1.365	-	-	0.11	0.810	1.105
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	376500	1882.5	21.83	23.00	1.309	-	-	0.08	0.766	1.003
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	376000	1880	23.04	24.00	1.247	-	-	0.06	0.921	1.149
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	Headset	DSI 3	376500	1882.5	22.83	24.00	1.309	-	-	0.01	0.912	1.194
2300MHz																					
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	27710	2310	20.32	21.20	1.225	-	-	-0.06	0.993	1.216
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 2	-	DSI 3	27710	2310	20.31	21.20	1.227	-	-	0.02	0.893	1.096
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	27710	2310	20.27	21.20	1.239	-	-	0.16	0.860	1.065
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	27710	2310	20.32	21.20	1.225	-	-	-0.09	1.040	1.274
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 2	-	DSI 3	27710	2310	20.31	21.20	1.227	-	-	0.01	0.917	1.126
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	27710	2310	20.27	21.20	1.239	-	-	-0.04	0.884	1.095
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 2	Headset	DSI 3	27710	2310	20.32	21.20	1.225	-	-	0.13	0.968	1.185
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 2	Headset	DSI 3	27710	2310	20.32	21.20	1.225	-	-	0.12	1.010	1.237
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	27710	2310	20.32	21.20	1.225	-	-	0.06	0.955	1.170
	LTE Band 30	10M	QPSK	1	0	-	Front	16mm	Ant 2	-	DSI 4	27710	2310	22.76	24.00	1.330	-	-	0.11	0.521	0.693
	LTE Band 30	10M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	27710	2310	22.76	24.00	1.330	-	-	-0.05	0.462	0.615



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	27710	2310	21.18	22.00	1.208	-	-	0.07	0.788	0.952
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 3	-	DSI 3	27710	2310	20.18	21.00	1.208	-	-	0.08	0.757	0.914
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	27710	2310	20.15	21.00	1.216	-	-	0.19	0.726	0.883
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	27710	2310	21.18	22.00	1.208	-	-	0.07	0.992	1.198
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 3	-	DSI 3	27710	2310	20.18	21.00	1.208	-	-	-0.06	0.868	1.048
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	27710	2310	20.15	21.00	1.216	-	-	-0.03	0.843	1.025
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	27710	2310	22.58	24.00	1.387	-	-	0.07	0.836	1.159
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 3	27710	2310	21.62	23.00	1.374	-	-	-0.12	0.822	1.129
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	27710	2310	21.59	23.00	1.384	-	-	-0.03	0.787	1.089
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	27710	2310	22.58	24.00	1.387	-	-	-0.16	0.860	1.193
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 3	27710	2310	21.62	23.00	1.374	-	-	0.02	0.768	1.055
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	27710	2310	21.59	23.00	1.384	-	-	0.12	0.732	1.013
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	27710	2310	22.58	24.00	1.387	-	-	0.06	0.816	1.132
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	27710	2310	20.85	22.00	1.303	-	-	0.02	0.386	0.503
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 3	27710	2310	19.91	21.00	1.285	-	-	-0.03	0.329	0.423
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	27710	2310	20.85	22.00	1.303	-	-	0.01	0.388	0.506
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 3	27710	2310	19.91	21.00	1.285	-	-	-0.1	0.337	0.433
	FR1 n30	10M	QPSK	1	1	-	Front	5mm	Ant 2	-	DSI 3	462000	2310	21.05	22.00	1.245	-	-	-0.02	1.020	1.269
	FR1 n30	10M	QPSK	25	14	-	Front	5mm	Ant 2	-	DSI 3	462000	2310	21.02	22.00	1.252	-	-	0.07	0.958	1.199
	FR1 n30	10M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	462000	2310	21.01	22.00	1.256	-	-	0.09	0.924	1.161
	FR1 n30	10M	QPSK	1	1	-	Back	5mm	Ant 2	-	DSI 3	462000	2310	21.05	22.00	1.245	-	-	-0.12	1.010	1.257
	FR1 n30	10M	QPSK	25	14	-	Back	5mm	Ant 2	-	DSI 3	462000	2310	21.02	22.00	1.252	-	-	0.1	0.986	1.234
	FR1 n30	10M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	462000	2310	21.01	22.00	1.256	-	-	-0.16	0.899	1.129
	FR1 n30_Other Path	10M	QPSK	1	1	-	Front	5mm	Ant 2	-	DSI 3	462000	2310	20.96	22.00	1.271	-	-	0.03	0.998	1.268
	FR1 n30	10M	QPSK	1	1	-	Front	5mm	Ant 2	Headset	DSI 3	462000	2310	21.05	22.00	1.245	-	-	-0.1	0.988	1.230
	FR1 n30	10M	QPSK	1	1	-	Back	5mm	Ant 2	Headset	DSI 3	462000	2310	21.05	22.00	1.245	-	-	0.17	0.976	1.215
	FR1 n30	10M	QPSK	1	1	-	Front	16mm	Ant 2	-	DSI 4	462000	2310	23.09	24.00	1.233	-	-	-0.08	0.298	0.367
	FR1 n30	10M	QPSK	1	1	-	Back	16mm	Ant 2	-	DSI 4	462000	2310	23.09	24.00	1.233	-	-	0.16	0.271	0.334
	FR1 n30	10M	QPSK	1	1	-	Front	5mm	Ant 0	-	DSI 3	462000	2310	22.39	24.00	1.449	-	-	0.12	0.636	0.921
	FR1 n30	10M	QPSK	25	14	-	Front	5mm	Ant 0	-	DSI 3	462000	2310	22.31	24.00	1.476	-	-	-0.11	0.630	0.930
	FR1 n30	10M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	462000	2310	21.39	23.00	1.449	-	-	0.02	0.611	0.885
	FR1 n30	10M	QPSK	1	1	-	Back	5mm	Ant 0	-	DSI 3	462000	2310	22.39	24.00	1.449	-	-	0.07	0.724	1.049
	FR1 n30	10M	QPSK	25	14	-	Back	5mm	Ant 0	-	DSI 3	462000	2310	22.31	24.00	1.476	-	-	-0.12	0.678	1.001
	FR1 n30	10M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	462000	2310	21.39	23.00	1.449	-	-	-0.1	0.618	0.895
	FR1 n30_Other Path	10M	QPSK	1	1	-	Back	5mm	Ant 0	-	DSI 3	462000	2310	22.45	24.00	1.429	-	-	-0.02	0.698	0.997
2600MHz																					
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	21100	2535	20.45	21.80	1.365	-	-	0.05	0.928	1.266
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	20850	2510	20.33	21.80	1.403	-	-	-0.01	0.864	1.212
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	21350	2560	20.43	21.80	1.371	-	-	-0.07	0.931	1.276
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	21100	2535	20.43	21.80	1.371	-	-	0.07	0.504	0.691
	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 3	21100	2535	20.37	21.80	1.390	-	-	-0.08	0.462	0.642
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	21100	2535	20.45	21.80	1.365	-	-	-0.08	0.851	1.161
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	20850	2510	20.33	21.80	1.403	-	-	-0.13	0.813	1.140
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	21350	2560	20.43	21.80	1.371	-	-	0.01	0.903	1.238
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	21100	2535	20.43	21.80	1.371	-	-	-0.11	0.455	0.624
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 2	-	DSI 3	21100	2535	20.37	21.80	1.390	-	-	0.14	0.476	0.662
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	Headset	DSI 3	21350	2560	20.43	21.80	1.371	-	-	-0.12	0.919	1.260
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	Headset	DSI 3	21350	2560	20.43	21.80	1.371	-	-	0.07	0.886	1.215
	LTE Band 7C	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	21350+21152	2560+2540.2	20.22	21.80	1.439	-	-	0.01	0.825	1.187
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	21350	2560	20.43	21.80	1.371	-	-	0.06	0.886	1.215
	LTE Band 7	20M	QPSK	1	0	-	Front	16mm	Ant 2	-	DSI 4	21100	2535	22.73	24.00	1.340	-	-	0.05	0.456	0.611
	LTE Band 7	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	21100	2535	22.73	24.00	1.340	-	-	0.05	0.432	0.579
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	21100	2535	22.31	23.60	1.346	-	-	0.09	0.765	1.030
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	20850	2510	22.28	23.60	1.355	-	-	0.04	0.851	1.153
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	21350	2560	22.19	23.60	1.384	-	-	0.11	0.760	1.052
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	21100	2535	21.69	23.00	1.352	-	-	-0.13	0.580	0.784



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 3	21100	2535	21.65	23.00	1.365	-	-	0.17	0.543	0.741
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	21100	2535	22.31	23.60	1.346	-	-	-0.16	0.849	1.143
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	20850	2510	22.28	23.60	1.355	-	-	-0.03	0.947	1.283
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	21350	2560	22.19	23.60	1.384	-	-	-0.17	0.897	1.241
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	21100	2535	21.69	23.00	1.352	-	-	0.11	0.659	0.891
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	20850	2510	21.61	23.00	1.377	-	-	-0.05	0.681	0.938
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	21350	2560	21.64	23.00	1.368	-	-	-0.01	0.607	0.830
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 3	-	DSI 3	21100	2535	21.65	23.00	1.365	-	-	-0.14	0.637	0.869
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	Headset	DSI 3	20850	2510	22.28	23.60	1.355	-	-	0.02	0.928	1.258
	LTE Band 7C	20M	QPSK	1	99	-	Back	5mm	Ant 3	-	DSI 3	20850+21048	2510+2529.8	22.11	23.60	1.409	-	-	0.06	0.846	1.192
	LTE Band 7	20M	QPSK	1	0	-	Front	16mm	Ant 3	-	DSI 4	21100	2535	23.12	24.00	1.225	-	-	-0.03	0.149	0.182
	LTE Band 7	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	21100	2535	23.12	24.00	1.225	-	-	-0.15	0.173	0.212
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	21100	2535	22.25	23.00	1.189	-	-	-0.15	0.818	0.972
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	20850	2510	22.19	23.00	1.205	-	-	-0.12	0.828	0.998
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	21350	2560	22.16	23.00	1.213	-	-	0.01	0.955	1.159
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	21100	2535	21.31	22.00	1.172	-	-	-0.17	0.428	0.502
	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 0	-	DSI 3	21100	2535	21.26	22.00	1.186	-	-	0.02	0.473	0.561
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	21100	2535	22.25	23.00	1.189	-	-	-0.11	0.708	0.841
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	20850	2510	22.19	23.00	1.205	-	-	-0.01	0.673	0.811
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	21350	2560	22.16	23.00	1.213	-	-	0.09	0.684	0.830
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	21100	2535	21.31	22.00	1.172	-	-	0.1	0.383	0.449
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	21100	2535	21.26	22.00	1.186	-	-	0.09	0.379	0.449
	LTE Band 7C	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	21350+21152	2560+2540.2	22.07	23.00	1.239	-	-	0.06	0.911	1.129
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	21100	2535	23.02	24.00	1.253	-	-	-0.07	0.489	0.613
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	21100	2535	22.08	23.00	1.236	-	-	0.08	0.445	0.550
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	21100	2535	23.02	24.00	1.253	-	-	-0.03	0.475	0.595
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	21100	2535	22.08	23.00	1.236	-	-	-0.04	0.419	0.518
	LTE Band 7C	20M	QPSK	1	99	-	Front	5mm	Ant 1	-	DSI 3	21100+21298	2535+2554.8	22.98	24.00	1.265	-	-	0.06	0.425	0.538
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	40620	2593	22.51	23.50	1.256	62.9	1.006	-0.09	0.946	1.195
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	39750	2506	22.45	23.50	1.274	62.9	1.006	0.11	0.921	1.180
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	40185	2549.5	22.46	23.50	1.271	62.9	1.006	0.07	0.971	1.241
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	41055	2636.5	22.43	23.50	1.279	62.9	1.006	-0.03	0.888	1.143
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 3	41490	2680	22.34	23.50	1.306	62.9	1.006	0.09	0.954	1.254
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	40620	2593	22.50	23.50	1.259	62.9	1.006	-0.08	0.839	1.063
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	39750	2506	22.34	23.50	1.306	62.9	1.006	-0.03	0.755	0.992
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	40185	2549.5	22.47	23.50	1.268	62.9	1.006	0.17	0.791	1.009
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	41055	2636.5	22.46	23.50	1.271	62.9	1.006	-0.14	0.839	1.072
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 3	41490	2680	22.37	23.50	1.297	62.9	1.006	0.06	0.801	1.045
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 3	40620	2593	22.48	23.50	1.265	62.9	1.006	-0.06	0.729	0.928
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	40620	2593	22.51	23.50	1.256	62.9	1.006	-0.07	1.020	1.289
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	39750	2506	22.45	23.50	1.274	62.9	1.006	-0.12	0.962	1.232
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	40185	2549.5	22.46	23.50	1.271	62.9	1.006	-0.16	1.000	1.278
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	41055	2636.5	22.43	23.50	1.279	62.9	1.006	-0.03	0.921	1.185
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	41490	2680	22.34	23.50	1.306	62.9	1.006	0.17	0.946	1.243
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	40620	2593	22.50	23.50	1.259	62.9	1.006	0.02	0.797	1.009
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	39750	2506	22.34	23.50	1.306	62.9	1.006	0.18	0.778	1.022
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	40185	2549.5	22.47	23.50	1.268	62.9	1.006	-0.11	0.816	1.041
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	41055	2636.5	22.46	23.50	1.271	62.9	1.006	-0.05	0.792	1.012
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 3	41490	2680	22.37	23.50	1.297	62.9	1.006	-0.04	0.740	0.966
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 2	-	DSI 3	40620	2593	22.48	23.50	1.265	62.9	1.006	-0.08	0.814	1.036
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 3	40620	2593	24.35	25.10	1.189	42.9	1.009	-0.01	0.987	1.184
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	Headset	DSI 3	41490	2680	22.34	23.50	1.306	62.9	1.006	0.01	0.938	1.233
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	Headset	DSI 3	40620	2593	22.51	23.50	1.256	62.9	1.006	0.18	0.987	1.247
	LTE Band 41C	20M	QPSK	1	99	-	Back	5mm	Ant 2	-	DSI 3	40620+40818	2593+2612.8	22.37	23.50	1.297	62.9	1.006	0.14	0.916	1.195
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Back	5mm	Ant 2	-	DSI 3	40620+40818	2593+2612.8	24.23	25.10	1.222	42.9	1.009	0.11	0.921	1.135



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 41	20M	QPSK	1	0	-	Front	16mm	Ant 2	-	DSI 4	40620	2593	23.98	25.00	1.265	62.9	1.006	0.02	0.261	0.332
	LTE Band 41	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	40620	2593	23.98	25.00	1.265	62.9	1.006	0.07	0.236	0.300
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	16mm	Ant 2	-	DSI 4	40620	2593	26.00	27.00	1.259	42.9	1.009	0.16	0.303	0.385
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	40620	2593	26.00	27.00	1.259	42.9	1.009	0.13	0.309	0.393
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	40620	2593	21.21	22.30	1.285	62.9	1.006	0.02	0.885	1.144
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	39750	2506	21.06	22.30	1.330	62.9	1.006	0.16	0.810	1.084
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	40185	2549.5	21.12	22.30	1.312	62.9	1.006	0.06	0.856	1.130
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	41055	2636.5	21.09	22.30	1.321	62.9	1.006	-0.02	0.823	1.094
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	41490	2680	21.18	22.30	1.294	62.9	1.006	0.07	0.936	1.219
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	40620	2593	21.17	22.30	1.297	62.9	1.006	-0.17	0.685	0.894
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	39750	2506	21.03	22.30	1.340	62.9	1.006	0.1	0.648	0.873
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	40185	2549.5	21.05	22.30	1.334	62.9	1.006	0.08	0.606	0.813
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	41055	2636.5	21.02	22.30	1.343	62.9	1.006	0.15	0.627	0.847
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	41490	2680	21.16	22.30	1.300	62.9	1.006	-0.13	0.760	0.994
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 3	40620	2593	21.15	22.30	1.303	62.9	1.006	-0.1	0.676	0.886
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	40620	2593	21.21	22.30	1.285	62.9	1.006	-0.07	0.906	1.171
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	39750	2506	21.06	22.30	1.330	62.9	1.006	0.11	0.868	1.162
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	40185	2549.5	21.12	22.30	1.312	62.9	1.006	-0.17	0.839	1.108
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	41055	2636.5	21.09	22.30	1.321	62.9	1.006	0.01	0.881	1.171
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	41490	2680	21.18	22.30	1.294	62.9	1.006	-0.08	0.986	1.284
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	40620	2593	21.17	22.30	1.297	62.9	1.006	0.1	0.793	1.035
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	39750	2506	21.03	22.30	1.340	62.9	1.006	0.11	0.763	1.028
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	40185	2549.5	21.05	22.30	1.334	62.9	1.006	-0.07	0.751	1.007
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	41055	2636.5	21.02	22.30	1.343	62.9	1.006	0.18	0.685	0.925
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	41490	2680	21.16	22.30	1.300	62.9	1.006	0.12	0.827	1.082
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 3	-	DSI 3	40620	2593	21.15	22.30	1.303	62.9	1.006	0.07	0.701	0.919
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	41490	2680	22.81	23.90	1.285	42.9	1.009	-0.01	0.972	1.261
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	Headset	DSI 3	41490	2680	21.18	22.30	1.294	62.9	1.006	0.14	0.919	1.197
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	Headset	DSI 3	41490	2680	21.18	22.30	1.294	62.9	1.006	-0.03	0.958	1.247
	LTE Band 41C	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	41490+41292	2680+2660.2	21.04	22.30	1.337	62.9	1.006	-0.05	0.885	1.190
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	41490+41292	2680+2660.2	22.62	23.90	1.343	42.9	1.009	0.18	0.863	1.169
	LTE Band 41	20M	QPSK	1	0	-	Front	16mm	Ant 3	-	DSI 4	40620	2593	24.26	25.00	1.186	62.9	1.006	-0.18	0.198	0.236
	LTE Band 41	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	40620	2593	24.26	25.00	1.186	62.9	1.006	0.02	0.201	0.240
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	16mm	Ant 3	-	DSI 4	40620	2593	26.19	27.00	1.205	42.9	1.009	0.16	0.201	0.244
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	40620	2593	26.19	27.00	1.205	42.9	1.009	-0.03	0.226	0.275
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	40620	2593	21.89	23.10	1.321	62.9	1.006	-0.14	0.913	1.214
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	39750	2506	21.75	23.10	1.365	62.9	1.006	0.17	0.889	1.220
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	40185	2549.5	21.83	23.10	1.340	62.9	1.006	0.11	0.927	1.249
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	41055	2636.5	21.80	23.10	1.349	62.9	1.006	0.07	0.940	1.276
84	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	41490	2680	21.88	23.10	1.324	62.9	1.006	0.02	0.975	1.299
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	40620	2593	21.77	23.00	1.327	62.9	1.006	-0.04	0.710	0.948
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	39750	2506	21.67	23.00	1.358	62.9	1.006	-0.18	0.718	0.981
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	40185	2549.5	21.62	23.00	1.374	62.9	1.006	-0.13	0.732	1.012
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	41055	2636.5	21.70	23.00	1.349	62.9	1.006	-0.13	0.727	0.987
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 3	41490	2680	21.73	23.00	1.340	62.9	1.006	-0.05	0.791	1.066
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 0	-	DSI 3	40620	2593	21.76	23.00	1.330	62.9	1.006	-0.04	0.701	0.938
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	40620	2593	21.89	23.10	1.321	62.9	1.006	-0.15	0.613	0.815
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	39750	2506	21.75	23.10	1.365	62.9	1.006	-0.09	0.595	0.817
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	40185	2549.5	21.83	23.10	1.340	62.9	1.006	0.05	0.603	0.813
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	41055	2636.5	21.80	23.10	1.349	62.9	1.006	0.13	0.668	0.907
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 3	41490	2680	21.88	23.10	1.324	62.9	1.006	-0.07	0.695	0.926
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 3	40620	2593	21.77	23.00	1.327	62.9	1.006	-0.12	0.442	0.590
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 3	40620	2593	21.76	23.00	1.330	62.9	1.006	0.15	0.419	0.561
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	41490	2680	23.52	24.70	1.312	42.9	1.009	-0.05	0.966	1.279
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	Headset	DSI 3	41490	2680	21.88	23.10	1.324	62.9	1.006	0.01	0.946	1.260
	LTE Band 41C	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	41490+	2680+	21.78	23.10	1.355	62.9	1.006	0.14	0.856	1.167



FCC SAR Test Report

Report No. : FA4N2802

											41292	2660.2									
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 3	41490+ 41292	2680+ 2660.2	23.36	24.70	1.361	42.9	1.009	-0.17	0.868	1.192
	LTE Band 41	20M	QPSK	1	0	-	Front	16mm	Ant 0	-	DSI 4	40620	2593	23.45	24.00	1.135	62.9	1.006	0.07	0.117	0.134
	LTE Band 41	20M	QPSK	1	0	-	Back	16mm	Ant 0	-	DSI 4	40620	2593	23.45	24.00	1.135	62.9	1.006	0	0.098	0.112
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	16mm	Ant 0	-	DSI 4	40620	2593	25.50	27.00	1.413	42.9	1.009	0.01	0.136	0.194
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	16mm	Ant 0	-	DSI 4	40620	2593	25.50	27.00	1.413	42.9	1.009	-0.01	0.129	0.184
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	40620	2593	23.96	25.00	1.271	62.9	1.006	0.1	0.484	0.619
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	39750	2506	23.85	25.00	1.303	62.9	1.006	-0.11	0.426	0.558
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	40185	2549.5	23.81	25.00	1.315	62.9	1.006	-0.02	0.485	0.642
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	41055	2636.5	23.94	25.00	1.276	62.9	1.006	-0.1	0.553	0.710
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	41490	2680	23.88	25.00	1.294	62.9	1.006	0.01	0.595	0.775
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 3	40620	2593	23.00	24.00	1.259	62.9	1.006	0.14	0.390	0.494
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 1	-	DSI 3	40620	2593	22.99	24.00	1.262	62.9	1.006	0.03	0.372	0.472
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	40620	2593	23.96	25.00	1.271	62.9	1.006	0.16	0.481	0.615
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	39750	2506	23.85	25.00	1.303	62.9	1.006	0.01	0.419	0.549
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	40185	2549.5	23.81	25.00	1.315	62.9	1.006	-0.06	0.429	0.568
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	41055	2636.5	23.94	25.00	1.276	62.9	1.006	0.14	0.463	0.595
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 3	41490	2680	23.88	25.00	1.294	62.9	1.006	-0.09	0.507	0.660
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 3	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.09	0.393	0.498
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 3	40620	2593	22.99	24.00	1.262	62.9	1.006	0.13	0.333	0.423
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	41490	2680	25.93	27.00	1.279	42.9	1.009	0.04	0.702	0.906
	LTE Band 41C	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	41490+ 41292	2680+ 2660.2	23.71	25.00	1.346	62.9	1.006	0.17	0.556	0.753
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 3	41490+ 41292	2680+ 2660.2	25.72	27.00	1.343	42.9	1.009	-0.05	0.636	0.862
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	507000	2535	21.38	22.50	1.294	-	-	0.16	0.976	1.263
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	507000	2535	21.36	22.50	1.300	-	-	0.03	0.996	1.295
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	507000	2535	21.33	22.50	1.309	-	-	-0.09	0.836	1.094
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	507000	2535	21.38	22.50	1.294	-	-	-0.09	0.902	1.167
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	507000	2535	21.36	22.50	1.300	-	-	0.08	0.936	1.217
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 3	507000	2535	21.33	22.50	1.309	-	-	0.06	0.769	1.007
	FR1 n7_Other Path	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 3	507000	2535	21.29	22.50	1.321	-	-	0.09	0.979	1.294
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 2	Headset	DSI 3	507000	2535	21.36	22.50	1.300	-	-	0.1	0.978	1.272
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 2	Headset	DSI 3	507000	2535	21.36	22.50	1.300	-	-	0.02	0.911	1.184
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 2	-	DSI 4	507000	2535	23.49	24.00	1.125	-	-	-0.06	0.229	0.258
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2	-	DSI 4	507000	2535	23.49	24.00	1.125	-	-	-0.04	0.222	0.250
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	507000	2535	20.91	21.80	1.227	-	-	-0.07	0.678	0.832
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	507000	2535	20.89	21.80	1.233	-	-	0.12	0.893	1.101
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 3	507000	2535	20.85	21.80	1.245	-	-	0.08	0.662	0.824
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	507000	2535	20.91	21.80	1.227	-	-	0.15	0.772	0.948
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	507000	2535	20.89	21.80	1.233	-	-	-0.02	0.943	1.163
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	507000	2535	20.85	21.80	1.245	-	-	-0.11	0.678	0.844
85	FR1 n7_Code 2	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 3	507000	2535	20.89	21.80	1.233	-	-	0.03	1.050	1.295
	FR1 n7_Code 2	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 3	Headset	DSI 3	507000	2535	20.89	21.80	1.233	-	-	0.02	1.010	1.245
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 3	-	DSI 4	507000	2535	23.51	24.00	1.119	-	-	-0.09	0.167	0.187
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 3	-	DSI 4	507000	2535	23.51	24.00	1.119	-	-	-0.17	0.169	0.189
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	507000	2535	22.92	24.00	1.282	-	-	-0.05	0.853	1.094
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	507000	2535	22.87	24.00	1.297	-	-	-0.09	0.949	1.231
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	507000	2535	22.07	23.00	1.239	-	-	0.02	0.739	0.915
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	507000	2535	22.92	24.00	1.282	-	-	-0.05	0.757	0.971
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	507000	2535	22.87	24.00	1.297	-	-	-0.11	0.827	1.073
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 3	507000	2535	22.07	23.00	1.239	-	-	0.03	0.694	0.860
	FR1 n7_Other Path	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 3	507000	2535	22.46	24.00	1.426	-	-	0.12	0.861	1.227
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 0	Headset	DSI 3	507000	2535	22.87	24.00	1.297	-	-	0.02	0.933	1.210
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	507000	2535	23.35	24.00	1.161	-	-	0.05	0.760	0.883
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	507000	2535	23.12	24.00	1.225	-	-	-0.06	0.837	1.025
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 3	507000	2535	22.29	23.00	1.178	-	-	-0.14	0.751	0.884



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	507000	2535	23.35	24.00	1.161	-	-	-0.17	0.722	0.839
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	507000	2535	23.12	24.00	1.225	-	-	0.05	0.671	0.822
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 3	507000	2535	22.29	23.00	1.178	-	-	0.13	0.605	0.712
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 3	518598	2592.99	21.61	22.50	1.227	-	-	0.13	1.050	1.289
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 3	518598	2592.99	21.60	22.50	1.230	-	-	0.05	1.040	1.279
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 3	518598	2592.99	21.59	22.50	1.233	-	-	-0.03	1.030	1.270
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI 3	518598	2592.99	21.61	22.50	1.227	-	-	-0.12	1.030	1.264
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI 3	518598	2592.99	21.60	22.50	1.230	-	-	0.1	0.995	1.224
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI 3	518598	2592.99	21.59	22.50	1.233	-	-	0.18	0.921	1.136
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 3	518598	2592.99	24.65	25.50	1.216	50	1.000	-0.05	0.995	1.210
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	Headset	DSI 3	518598	2592.99	21.61	22.50	1.227	-	-	0.13	1.010	1.240
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	Headset	DSI 3	518598	2592.99	21.61	22.50	1.227	-	-	-0.12	0.996	1.223
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 2	-	DSI 4	518598	2592.99	23.65	24.00	1.084	-	-	-0.1	0.356	0.386
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2	-	DSI 4	518598	2592.99	23.65	24.00	1.084	-	-	0.18	0.366	0.397
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 2	-	DSI 4	518598	2592.99	26.35	27.00	1.161	50	1.000	-0.17	0.346	0.402
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2	-	DSI 4	518598	2592.99	26.35	27.00	1.161	50	1.000	-0.04	0.361	0.419
86	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	518598	2592.99	21.09	21.90	1.205	-	-	-0.03	1.070	1.289
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	518598	2592.99	21.08	21.90	1.208	-	-	-0.05	0.841	1.016
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	518598	2592.99	21.07	21.90	1.211	-	-	-0.01	0.904	1.094
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	518598	2592.99	21.09	21.90	1.205	-	-	0.02	1.040	1.253
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	518598	2592.99	21.08	21.90	1.208	-	-	0.07	0.870	1.051
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	518598	2592.99	21.07	21.90	1.211	-	-	-0.18	0.898	1.087
	FR1 n41_Code 2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	518598	2592.99	21.09	21.90	1.205	-	-	0.02	0.960	1.157
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	518598	2592.99	24.12	24.90	1.197	50	1.000	0.01	1.050	1.257
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	Headset	DSI 3	518598	2592.99	21.09	21.90	1.205	-	-	0.06	1.020	1.229
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	Headset	DSI 3	518598	2592.99	21.09	21.90	1.205	-	-	0.15	1.000	1.205
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3	-	DSI 4	518598	2592.99	23.67	24.50	1.211	-	-	-0.05	0.317	0.384
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	518598	2592.99	23.67	24.50	1.211	-	-	0	0.316	0.383
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3	-	DSI 4	518598	2592.99	26.69	27.50	1.205	50	1.000	-0.13	0.325	0.392
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	518598	2592.99	26.69	27.50	1.205	50	1.000	-0.01	0.319	0.384
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0	-	DSI 3	518598	2592.99	20.71	21.90	1.315	-	-	-0.06	0.668	0.879
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0	-	DSI 3	518598	2592.99	20.68	21.90	1.324	-	-	-0.01	0.964	1.277
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 0	-	DSI 3	518598	2592.99	20.55	21.90	1.365	-	-	-0.15	0.844	1.152
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0	-	DSI 3	518598	2592.99	20.71	21.90	1.315	-	-	-0.03	0.621	0.817
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	-	DSI 3	518598	2592.99	20.68	21.90	1.324	-	-	0.1	0.769	1.018
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 0	-	DSI 3	518598	2592.99	20.55	21.90	1.365	-	-	-0.05	0.797	1.088
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0	-	DSI 3	518598	2592.99	23.62	24.90	1.343	50	1.000	0.01	0.933	1.253
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0	Headset	DSI 3	518598	2592.99	20.68	21.90	1.324	-	-	0.03	0.948	1.255
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 0	-	DSI 4	518598	2592.99	23.49	24.00	1.125	-	-	-0.09	0.143	0.161
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 0	-	DSI 4	518598	2592.99	23.49	24.00	1.125	-	-	0.05	0.128	0.144
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 0	-	DSI 4	518598	2592.99	26.52	27.00	1.117	50	1.000	0.02	0.139	0.155
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 0	-	DSI 4	518598	2592.99	26.52	27.00	1.117	50	1.000	-0.13	0.121	0.135
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	-	DSI 3	518598	2592.99	23.39	24.00	1.151	-	-	-0.03	0.945	1.088
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	-	DSI 3	518598	2592.99	23.26	24.00	1.186	-	-	0.02	0.951	1.128
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 1	-	DSI 3	518598	2592.99	22.23	23.00	1.194	-	-	0.09	0.918	1.096
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 3	518598	2592.99	23.39	24.00	1.151	-	-	-0.02	0.935	1.076
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 3	518598	2592.99	23.26	24.00	1.186	-	-	0.08	0.914	1.084
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 3	518598	2592.99	22.23	23.00	1.194	-	-	-0.12	0.947	1.131
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	-	DSI 3	518598	2592.99	26.25	27.00	1.189	50	1.000	0.01	0.936	1.112
3500-3900MHz																					
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	42590	3500	22.52	23.90	1.374	62.9	1.006	-0.08	0.858	1.186
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	42190	3460	22.49	23.90	1.384	62.9	1.006	-0.03	0.930	1.294
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	42990	3540	22.46	23.90	1.393	62.9	1.006	0.08	0.900	1.261
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 3	42590	3500	21.61	23.00	1.377	62.9	1.006	-0.04	0.540	0.748
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	5mm	Ant 4	-	DSI 3	42590	3500	21.59	23.00	1.384	62.9	1.006	-0.02	0.511	0.711
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	42590	3500	22.52	23.90	1.374	62.9	1.006	-0.16	0.845	1.168



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	42190	3460	22.49	23.90	1.384	62.9	1.006	-0.03	0.876	1.219
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	42990	3540	22.46	23.90	1.393	62.9	1.006	-0.06	0.882	1.236
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 3	42590	3500	21.61	23.00	1.377	62.9	1.006	0.08	0.547	0.758
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Back	5mm	Ant 4	-	DSI 3	42590	3500	21.59	23.00	1.384	62.9	1.006	-0.13	0.568	0.791
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	Headset	DSI 3	42190	3460	22.49	23.90	1.384	62.9	1.006	0.04	0.918	1.278
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 4	Headset	DSI 3	42990	3540	22.46	23.90	1.393	62.9	1.006	0.17	0.871	1.221
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Front	5mm	Ant 4	-	DSI 3	42190+ 42388	3460+ 3479.8	22.37	23.90	1.422	62.9	1.006	0.02	0.825	1.180
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	16mm	Ant 4	-	DSI 4	42590	3500	22.95	24.00	1.274	62.9	1.006	0.17	0.205	0.263
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	16mm	Ant 4	-	DSI 4	42590	3500	22.95	24.00	1.274	62.9	1.006	0.06	0.194	0.249
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	42590	3500	20.96	22.30	1.361	62.9	1.006	-0.1	0.889	1.218
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	42190	3460	20.84	22.30	1.400	62.9	1.006	0.17	0.863	1.215
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	42990	3540	20.95	22.30	1.365	62.9	1.006	-0.15	0.908	1.246
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 3	42590	3500	20.92	22.30	1.374	62.9	1.006	0.18	0.376	0.520
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	5mm	Ant 8	-	DSI 3	42590	3500	20.88	22.30	1.387	62.9	1.006	0.15	0.397	0.554
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	42590	3500	20.96	22.30	1.361	62.9	1.006	0.03	0.901	1.234
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	42190	3460	20.84	22.30	1.400	62.9	1.006	-0.1	0.907	1.277
87	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	42990	3540	20.95	22.30	1.365	62.9	1.006	-0.18	0.944	1.296
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 3	42590	3500	20.92	22.30	1.374	62.9	1.006	0.14	0.459	0.634
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Back	5mm	Ant 8	-	DSI 3	42590	3500	20.88	22.30	1.387	62.9	1.006	0.1	0.410	0.572
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	Headset	DSI 3	42990	3540	20.95	22.30	1.365	62.9	1.006	-0.1	0.886	1.216
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 8	Headset	DSI 3	42990	3540	20.95	22.30	1.365	62.9	1.006	-0.05	0.928	1.274
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	42990+ 42792	3540+ 3520.2	20.70	22.30	1.445	62.9	1.006	0.06	0.812	1.181
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	16mm	Ant 8	-	DSI 4	42590	3500	23.02	24.00	1.253	62.9	1.006	0	0.178	0.224
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	16mm	Ant 8	-	DSI 4	42590	3500	23.02	24.00	1.253	62.9	1.006	-0.04	0.202	0.255
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	42590	3500	21.93	23.00	1.279	62.9	1.006	-0.04	0.899	1.157
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	42190	3460	21.89	23.00	1.291	62.9	1.006	-0.12	0.960	1.247
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	42990	3540	21.86	23.00	1.300	62.9	1.006	0.01	0.886	1.159
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	42590	3500	20.91	22.00	1.285	62.9	1.006	-0.09	0.394	0.509
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 3	42590	3500	20.90	22.00	1.288	62.9	1.006	-0.16	0.499	0.647
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	42590	3500	21.93	23.00	1.279	62.9	1.006	0.15	0.776	0.999
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	42190	3460	21.89	23.00	1.291	62.9	1.006	-0.15	0.817	1.061
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	42990	3540	21.86	23.00	1.300	62.9	1.006	0.06	0.788	1.031
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	42590	3500	20.91	22.00	1.285	62.9	1.006	0.15	0.487	0.630
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Back	5mm	Ant 3	-	DSI 3	42590	3500	20.90	22.00	1.288	62.9	1.006	0.13	0.455	0.590
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	Headset	DSI 3	42190	3460	21.89	23.00	1.291	62.9	1.006	0.02	0.945	1.228
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Front	5mm	Ant 3	-	DSI 3	42190+ 42388	3460+ 3479.8	21.78	23.00	1.324	62.9	1.006	0.06	0.885	1.179
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 3	42590	3500	22.13	23.00	1.222	62.9	1.006	-0.02	0.779	0.957
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 3	42190	3460	22.08	23.00	1.236	62.9	1.006	-0.12	0.824	1.025
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 3	42990	3540	22.05	23.00	1.245	62.9	1.006	0.1	0.828	1.037
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 5	-	DSI 3	42590	3500	21.18	22.00	1.208	62.9	1.006	0.13	0.498	0.605
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	5mm	Ant 5	-	DSI 3	42590	3500	21.16	22.00	1.213	62.9	1.006	-0.07	0.529	0.646
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 3	42590	3500	22.13	23.00	1.222	62.9	1.006	-0.03	0.759	0.933
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 3	42190	3460	22.08	23.00	1.236	62.9	1.006	-0.13	0.805	1.001
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 3	42990	3540	22.05	23.00	1.245	62.9	1.006	0.07	0.947	1.186
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 5	-	DSI 3	42590	3500	21.18	22.00	1.208	62.9	1.006	0.05	0.483	0.587
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Back	5mm	Ant 5	-	DSI 3	42590	3500	21.16	22.00	1.213	62.9	1.006	0.07	0.529	0.646
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 3	42990+ 42792	3540+ 3520.2	21.97	23.00	1.268	62.9	1.006	0.01	0.846	1.079
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	55830	3609	21.08	22.40	1.355	62.9	1.006	0.19	0.899	1.226
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	55340	3560	21.01	22.40	1.377	62.9	1.006	-0.01	0.808	1.119
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	56150	3641	21.00	22.40	1.380	62.9	1.006	-0.19	0.860	1.194
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	56640	3690	21.07	22.40	1.358	62.9	1.006	0.04	0.941	1.286
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 3	55830	3609	21.05	22.40	1.365	62.9	1.006	-0.03	0.483	0.663
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 3	55340	3560	20.95	22.40	1.396	62.9	1.006	-0.08	0.477	0.670
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 3	56150	3641	20.99	22.40	1.384	62.9	1.006	0.1	0.502	0.699
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 3	56640	3690	21.04	22.40	1.368	62.9	1.006	0.15	0.546	0.751



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 4	-	DSI 3	55830	3609	21.03	22.40	1.371	62.9	1.006	0.12	0.447	0.616
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	55830	3609	21.08	22.40	1.355	62.9	1.006	-0.12	0.762	1.039
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	55340	3560	21.01	22.40	1.377	62.9	1.006	-0.15	0.789	1.093
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	56150	3641	21.00	22.40	1.380	62.9	1.006	-0.19	0.784	1.089
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 3	56640	3690	21.07	22.40	1.358	62.9	1.006	-0.13	0.857	1.171
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 3	55830	3609	21.05	22.40	1.365	62.9	1.006	-0.05	0.498	0.684
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 3	55340	3560	20.95	22.40	1.396	62.9	1.006	-0.12	0.477	0.670
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 3	56150	3641	20.99	22.40	1.384	62.9	1.006	0.18	0.513	0.714
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 3	56640	3690	21.04	22.40	1.368	62.9	1.006	0.14	0.557	0.766
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 4	-	DSI 3	55830	3609	21.03	22.40	1.371	62.9	1.006	0.03	0.513	0.707
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	Headset	DSI 3	56640	3690	21.07	22.40	1.358	62.9	1.006	0.01	0.928	1.268
	LTE Band 48C	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 3	56640+ 56442	3690+ 3670.2	20.91	22.40	1.409	62.9	1.006	0.06	0.835	1.184
	LTE Band 48	20M	QPSK	1	0	-	Front	16mm	Ant 4	-	DSI 4	55830	3609	23.87	25.00	1.297	62.9	1.006	-0.15	0.330	0.431
	LTE Band 48	20M	QPSK	1	0	-	Back	16mm	Ant 4	-	DSI 4	55830	3609	23.87	25.00	1.297	62.9	1.006	0.11	0.303	0.395
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	55830	3609	20.08	21.30	1.324	62.9	1.006	0.09	0.700	0.933
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	55340	3560	19.98	21.30	1.355	62.9	1.006	-0.13	0.711	0.969
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	56150	3641	19.89	21.30	1.384	62.9	1.006	-0.09	0.780	1.086
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 3	56640	3690	20.06	21.30	1.330	62.9	1.006	-0.18	0.743	0.994
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 3	55830	3609	20.05	21.30	1.334	62.9	1.006	0.12	0.387	0.519
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 8	-	DSI 3	55830	3609	20.02	21.30	1.343	62.9	1.006	-0.02	0.468	0.632
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	55830	3609	20.08	21.30	1.324	62.9	1.006	0.02	0.866	1.154
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	55340	3560	19.98	21.30	1.355	62.9	1.006	0.12	0.895	1.220
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	56150	3641	19.89	21.30	1.384	62.9	1.006	0.02	0.913	1.271
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	56640	3690	20.06	21.30	1.330	62.9	1.006	-0.09	0.959	1.284
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 3	55830	3609	20.05	21.30	1.334	62.9	1.006	-0.11	0.558	0.749
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 3	55340	3560	19.96	21.30	1.361	62.9	1.006	-0.11	0.551	0.755
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 3	56150	3641	19.85	21.30	1.396	62.9	1.006	-0.05	0.588	0.826
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 3	56640	3690	20.00	21.30	1.349	62.9	1.006	0.03	0.580	0.787
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 8	-	DSI 3	55830	3609	20.02	21.30	1.343	62.9	1.006	-0.06	0.554	0.748
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	Headset	DSI 3	56640	3690	20.06	21.30	1.330	62.9	1.006	0.02	0.925	1.238
	LTE Band 48C	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 3	56640+ 56442	3690+ 3670.2	19.92	21.30	1.374	62.9	1.006	0.06	0.863	1.193
	LTE Band 48	20M	QPSK	1	0	-	Front	16mm	Ant 8	-	DSI 4	55830	3609	23.66	24.00	1.081	62.9	1.006	-0.02	0.291	0.317
	LTE Band 48	20M	QPSK	1	0	-	Back	16mm	Ant 8	-	DSI 4	55830	3609	23.66	24.00	1.081	62.9	1.006	0.1	0.332	0.361
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	55830	3609	23.51	24.00	1.119	62.9	1.006	0.01	0.787	0.886
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	55340	3560	23.49	24.00	1.125	62.9	1.006	-0.03	0.858	0.971
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	56150	3641	23.45	24.00	1.135	62.9	1.006	0.03	0.730	0.834
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 3	56640	3690	23.43	24.00	1.140	62.9	1.006	-0.17	0.849	0.974
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 3	55830	3609	22.56	23.00	1.107	62.9	1.006	0.02	0.428	0.476
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 3	55830	3609	22.54	23.00	1.112	62.9	1.006	0.19	0.466	0.521
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	55830	3609	23.51	24.00	1.119	62.9	1.006	0.13	0.858	0.966
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	55340	3560	23.49	24.00	1.125	62.9	1.006	-0.17	1.050	1.188
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	56150	3641	23.45	24.00	1.135	62.9	1.006	-0.03	0.846	0.966
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 3	56640	3690	23.43	24.00	1.140	62.9	1.006	0.12	1.020	1.170
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 3	55830	3609	22.56	23.00	1.107	62.9	1.006	0.19	0.530	0.590
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 3	-	DSI 3	55830	3609	22.54	23.00	1.112	62.9	1.006	-0.18	0.430	0.481
	LTE Band 48C	20M	QPSK	1	99	-	Back	5mm	Ant 3	-	DSI 3	55340+ 55538	3560+ 3579.8	23.41	24.00	1.146	62.9	1.006	0.06	0.985	1.135
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 3	55830	3609	22.63	23.40	1.194	62.9	1.006	-0.06	0.842	1.011
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 3	55340	3560	22.57	23.40	1.211	62.9	1.006	0.07	1.040	1.267
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 3	56150	3641	22.52	23.40	1.225	62.9	1.006	-0.15	0.926	1.141
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 3	56640	3690	22.60	23.40	1.202	62.9	1.006	-0.15	0.933	1.128
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 5	-	DSI 3	55830	3609	21.63	23.00	1.371	62.9	1.006	-0.08	0.631	0.870
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 5	-	DSI 3	55340	3560	21.51	23.00	1.409	62.9	1.006	-0.04	0.647	0.917
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 5	-	DSI 3	56150	3641	21.51	23.00	1.409	62.9	1.006	0.02	0.580	0.822
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 5	-	DSI 3	56640	3690	21.54	23.00	1.400	62.9	1.006	-0.07	0.582	0.819
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 5	-	DSI 3	55830	3609	21.61	23.00	1.377	62.9	1.006	-0.08	0.545	0.755



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 3	55830	3609	22.63	23.40	1.194	62.9	1.006	0.12	0.950	1.141
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 3	55340	3560	22.57	23.40	1.211	62.9	1.006	0.07	1.060	1.291
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 3	56150	3641	22.52	23.40	1.225	62.9	1.006	-0.07	0.927	1.142
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 3	56640	3690	22.60	23.40	1.202	62.9	1.006	-0.05	0.926	1.120
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 5	-	DSI 3	55830	3609	21.63	23.00	1.371	62.9	1.006	-0.04	0.736	1.015
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 5	-	DSI 3	55340	3560	21.51	23.00	1.409	62.9	1.006	0.13	0.701	0.994
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 5	-	DSI 3	56150	3641	21.51	23.00	1.409	62.9	1.006	-0.03	0.747	1.059
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 5	-	DSI 3	56640	3690	21.54	23.00	1.400	62.9	1.006	0.09	0.716	1.008
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 5	-	DSI 3	55830	3609	21.61	23.00	1.377	62.9	1.006	0.06	0.669	0.927
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	Headset	DSI 3	55340	3560	22.57	23.40	1.211	62.9	1.006	-0.04	0.995	1.212
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 5	Headset	DSI 3	55340	3560	22.57	23.40	1.211	62.9	1.006	0.17	1.020	1.242
	LTE Band 48C	20M	QPSK	1	99	-	Back	5mm	Ant 5	-	DSI 3	55340+ 55538	3560+ 3579.8	22.45	23.40	1.245	62.9	1.006	0.09	0.935	1.171
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	641666	3624.99	20.85	21.80	1.245	-	-	-0.08	0.935	1.164
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	638000	3570	20.78	21.80	1.265	-	-	-0.07	0.902	1.141
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	645332	3679.98	20.81	21.80	1.256	-	-	0.13	0.921	1.157
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	641666	3624.99	20.82	21.80	1.253	-	-	-0.06	1.030	1.291
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	638000	3570	20.74	21.80	1.276	-	-	-0.07	0.975	1.245
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	645332	3679.98	20.79	21.80	1.262	-	-	0.11	0.966	1.219
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	641666	3624.99	20.81	21.80	1.256	-	-	-0.16	0.897	1.127
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	641666	3624.99	20.85	21.80	1.245	-	-	0.18	0.860	1.070
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	638000	3570	20.78	21.80	1.265	-	-	-0.12	0.823	1.041
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	645332	3679.98	20.81	21.80	1.256	-	-	-0.08	0.835	1.049
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	641666	3624.99	20.82	21.80	1.253	-	-	-0.08	0.939	1.177
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	638000	3570	20.74	21.80	1.276	-	-	-0.16	0.899	1.148
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	645332	3679.98	20.79	21.80	1.262	-	-	-0.02	0.921	1.162
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	641666	3624.99	20.81	21.80	1.256	-	-	0.04	0.868	1.090
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	Headset	DSI 3	641666	3624.99	20.82	21.80	1.253	-	-	0.01	0.996	1.248
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4	-	DSI 4	641666	3624.99	23.51	24.00	1.119	-	-	0.04	0.320	0.358
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4	641666	3624.99	23.51	24.00	1.119	-	-	0.13	0.322	0.360
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	641666	3624.99	18.79	20.00	1.321	-	-	0.04	0.633	0.836
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	638000	3570	18.74	20.00	1.337	-	-	0.1	0.622	0.831
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	645332	3679.98	18.71	20.00	1.346	-	-	0.05	0.611	0.822
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	641666	3624.99	18.76	20.00	1.330	-	-	-0.18	0.706	0.939
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	638000	3570	18.75	20.00	1.334	-	-	0.18	0.688	0.917
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	645332	3679.98	18.71	20.00	1.346	-	-	0.12	0.675	0.908
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	641666	3624.99	18.75	20.00	1.334	-	-	-0.07	0.600	0.800
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	641666	3624.99	18.79	20.00	1.321	-	-	-0.14	0.845	1.116
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	638000	3570	18.74	20.00	1.337	-	-	0.02	0.823	1.100
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	645332	3679.98	18.71	20.00	1.346	-	-	0.04	0.835	1.124
88	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	641666	3624.99	18.76	20.00	1.330	-	-	-0.08	0.974	1.296
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	638000	3570	18.75	20.00	1.334	-	-	-0.12	0.955	1.274
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	645332	3679.98	18.71	20.00	1.346	-	-	0.15	0.924	1.244
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	641666	3624.99	18.75	20.00	1.334	-	-	-0.07	0.806	1.075
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	Headset	DSI 3	641666	3624.99	18.76	20.00	1.330	-	-	0.02	0.948	1.261
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 8	-	DSI 4	641666	3624.99	23.99	24.50	1.125	-	-	-0.18	0.268	0.301
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4	641666	3624.99	23.99	24.50	1.125	-	-	-0.11	0.323	0.363
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	641666	3624.99	21.64	22.50	1.219	-	-	-0.07	0.954	1.163
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	638000	3570	21.59	22.50	1.233	-	-	0.07	0.938	1.157
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	645332	3679.98	21.55	22.50	1.245	-	-	0.1	0.922	1.147
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	641666	3624.99	21.63	22.50	1.222	-	-	0.04	0.915	1.118
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	638000	3570	21.56	22.50	1.242	-	-	-0.09	0.895	1.111
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	645332	3679.98	21.50	22.50	1.259	-	-	0.02	0.901	1.134
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	641666	3624.99	21.57	22.50	1.239	-	-	0.04	0.881	1.091
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	641666	3624.99	21.64	22.50	1.219	-	-	-0.05	1.040	1.268
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	638000	3570	21.59	22.50	1.233	-	-	-0.06	0.966	1.191
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	645332	3679.98	21.55	22.50	1.245	-	-	0.02	0.978	1.217



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	6416663624.99	21.63	22.50	1.222	-	-	0.1	0.961	1.174
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	638000 3570	21.56	22.50	1.242	-	-	-0.08	0.912	1.132
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	6453323679.98	21.50	22.50	1.259	-	-	-0.03	0.935	1.177
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	6416663624.99	21.57	22.50	1.239	-	-	0.08	0.908	1.125
	FR1 n48_Code 2	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	6416663624.99	21.64	22.50	1.219	-	-	-0.07	0.936	1.141
	FR1 n48_Code 3	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	6416663624.99	21.64	22.50	1.219	-	-	0.08	0.989	1.206
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	Headset	DSI 3	6416663624.99	21.64	22.50	1.219	-	-	0.02	1.010	1.231
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3	-	DSI 4	6416663624.99	23.70	24.50	1.202	-	-	-0.16	0.192	0.231
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	6416663624.99	23.70	24.50	1.202	-	-	-0.15	0.182	0.219
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	6416663624.99	22.45	23.70	1.334	-	-	0.18	0.752	1.003
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	638000 3570	22.40	23.70	1.349	-	-	-0.05	0.738	0.996
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	6453323679.98	22.41	23.70	1.346	-	-	-0.14	0.711	0.957
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	6416663624.99	22.43	23.70	1.340	-	-	0.01	0.692	0.927
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	638000 3570	22.41	23.70	1.346	-	-	0.06	0.659	0.887
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	6453323679.98	22.42	23.70	1.343	-	-	-0.13	0.638	0.857
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	6416663624.99	22.41	23.00	1.146	-	-	0.03	0.675	0.773
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	6416663624.99	22.45	23.70	1.334	-	-	-0.06	0.959	1.279
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	638000 3570	22.40	23.70	1.349	-	-	-0.11	0.938	1.265
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	6453323679.98	22.41	23.70	1.346	-	-	-0.05	0.922	1.241
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	6416663624.99	22.43	23.70	1.340	-	-	-0.01	0.912	1.222
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	638000 3570	22.41	23.70	1.346	-	-	-0.15	0.875	1.178
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	6453323679.98	22.42	23.70	1.343	-	-	0.04	0.862	1.157
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	6416663624.99	22.41	23.00	1.146	-	-	-0.18	0.870	0.997
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	Headset	DSI 3	6416663624.99	22.45	23.70	1.334	-	-	0.02	0.936	1.248
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 5	-	DSI 4	6416663624.99	21.15	22.30	1.303	-	-	-0.06	0.135	0.176
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 5	-	DSI 4	6416663624.99	21.15	22.30	1.303	-	-	-0.14	0.153	0.199
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	656000 3840	19.48	20.20	1.180	-	-	0.08	0.933	1.101
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	656000 3840	19.47	20.20	1.183	-	-	-0.02	0.925	1.094
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	656000 3840	19.45	20.20	1.189	-	-	-0.03	0.874	1.039
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	656000 3840	19.48	20.20	1.180	-	-	-0.05	1.080	1.275
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	656000 3840	19.47	20.20	1.183	-	-	-0.06	0.954	1.129
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	656000 3840	19.45	20.20	1.189	-	-	0.08	0.904	1.074
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	656000 3840	22.52	23.20	1.169	50	1.000	0.08	1.060	1.240
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	Headset	DSI 3	656000 3840	19.48	20.20	1.180	-	-	0.02	1.020	1.204
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4	-	DSI 4	656000 3840	23.54	24.00	1.112	-	-	-0.19	0.453	0.504
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4	656000 3840	23.54	24.00	1.112	-	-	0.01	0.464	0.516
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4	-	DSI 4	656000 3840	26.55	27.00	1.109	50	1.000	0.06	0.449	0.498
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4	656000 3840	26.55	27.00	1.109	50	1.000	0.02	0.458	0.508
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	6333343500.01	19.51	20.20	1.172	-	-	-0.05	0.816	0.957
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	6333343500.01	19.49	20.20	1.178	-	-	-0.11	0.766	0.902
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	6333343500.01	19.45	20.20	1.189	-	-	-0.17	0.735	0.874
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	6333343500.01	19.51	20.20	1.172	-	-	0.15	0.735	0.862
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	6333343500.01	19.49	20.20	1.178	-	-	-0.17	0.692	0.815
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 3	6333343500.01	19.45	20.20	1.189	-	-	-0.02	0.651	0.774
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 3	6333343500.01	22.56	23.20	1.159	50	1.000	-0.08	0.790	0.915
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4	-	DSI 4	6333343500.01	23.60	24.00	1.096	-	-	0.12	0.242	0.265
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4	6333343500.01	23.60	24.00	1.096	-	-	-0.16	0.243	0.266
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4	-	DSI 4	6333343500.01	26.79	27.00	1.050	50	1.000	-0.12	0.239	0.251
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4	6333343500.01	26.79	27.00	1.050	50	1.000	0.07	0.246	0.258
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	656000 3840	19.62	20.70	1.282	-	-	0.09	0.729	0.935
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	656000 3840	19.61	20.70	1.285	-	-	0.1	0.642	0.825
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	656000 3840	19.58	20.70	1.294	-	-	0.12	0.631	0.817
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	656000 3840	19.62	20.70	1.282	-	-	0.01	0.994	1.275
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	656000 3840	19.61	20.70	1.285	-	-	-0.11	0.741	0.952
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	656000 3840	19.58	20.70	1.294	-	-	-0.01	0.708	0.916
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	656000 3840	22.57	23.70	1.297	50	1.000	0.05	0.919	1.192



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	Headset	DSI 3	656000	3840	19.62	20.70	1.282	-	-	0.03	0.975	1.250
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 8	-	DSI 4	656000	3840	23.67	24.00	1.079	-	-	-0.02	0.250	0.270
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4	656000	3840	23.67	24.00	1.079	-	-	-0.05	0.332	0.358
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 8	-	DSI 4	656000	3840	26.65	27.00	1.084	50	1.000	-0.13	0.244	0.264
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4	656000	3840	26.65	27.00	1.084	50	1.000	0.08	0.321	0.348
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	633334	3500.01	19.55	20.70	1.303	-	-	0.14	0.582	0.758
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 3	633334	3500.01	19.53	20.70	1.309	-	-	0.12	0.567	0.742
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	633334	3500.01	19.55	20.70	1.303	-	-	0.01	0.838	1.092
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	633334	3500.01	19.53	20.70	1.309	-	-	-0.01	0.766	1.003
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	633334	3500.01	19.51	20.70	1.315	-	-	-0.06	0.750	0.986
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 3	633334	3500.01	22.63	23.70	1.279	50	1.000	-0.04	0.802	1.026
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 8	-	DSI 4	633334	3500.01	23.59	24.00	1.099	-	-	0.16	0.174	0.191
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4	633334	3500.01	23.59	24.00	1.099	-	-	0.01	0.193	0.212
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 8	-	DSI 4	633334	3500.01	26.53	27.00	1.114	50	1.000	-0.16	0.166	0.185
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4	633334	3500.01	26.53	27.00	1.114	50	1.000	0.1	0.186	0.207
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	656000	3840	22.02	22.80	1.197	-	-	-0.1	0.942	1.127
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	656000	3840	21.99	22.80	1.205	-	-	0.12	0.845	1.018
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	656000	3840	21.98	22.80	1.208	-	-	0.02	0.910	1.099
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	656000	3840	22.02	22.80	1.197	-	-	0.01	0.962	1.151
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	656000	3840	21.99	22.80	1.205	-	-	0.01	0.826	0.995
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	656000	3840	21.98	22.80	1.208	-	-	0.05	0.852	1.029
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	656000	3840	25.05	25.80	1.189	50	1.000	0.09	0.904	1.074
	FR1 n77 Part 270_Code 2	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	656000	3840	22.02	22.80	1.197	-	-	0.05	0.953	1.140
	FR1 n77 Part 270_Code 3	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	656000	3840	22.02	22.80	1.197	-	-	-0.04	0.935	1.119
	FR1 n77 Part 270_Code 3	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	Headset	DSI 3	656000	3840	22.02	22.80	1.197	-	-	0.02	0.905	1.083
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3	-	DSI 4	656000	3840	23.58	24.00	1.102	-	-	-0.04	0.185	0.204
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	656000	3840	23.58	24.00	1.102	-	-	-0.01	0.144	0.159
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3	-	DSI 4	656000	3840	26.48	27.00	1.127	50	1.000	0	0.174	0.196
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	656000	3840	26.48	27.00	1.127	50	1.000	-0.11	0.135	0.152
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	633334	3500.01	22.01	22.80	1.199	-	-	-0.16	0.795	0.954
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	633334	3500.01	21.95	22.80	1.216	-	-	0.08	0.916	1.114
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 3	633334	3500.01	21.97	22.80	1.211	-	-	-0.09	0.872	1.056
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	633334	3500.01	22.01	22.80	1.199	-	-	-0.17	1.020	1.223
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	633334	3500.01	21.95	22.80	1.216	-	-	0.1	1.050	1.277
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	633334	3500.01	21.97	22.80	1.211	-	-	-0.09	0.974	1.179
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	633334	3500.01	25.01	25.80	1.199	50	1.000	-0.07	0.967	1.160
	FR1 n77 Part 27Q_Code 2	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	633334	3500.01	21.95	22.80	1.216	-	-	-0.17	0.921	1.120
	FR1 n77 Part 27Q_Code 3	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 3	633334	3500.01	21.95	22.80	1.216	-	-	-0.18	0.830	1.009
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	Headset	DSI 3	633334	3500.01	21.95	22.80	1.216	-	-	0.02	1.020	1.241
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3	-	DSI 4	633334	3500.01	23.54	24.00	1.112	-	-	-0.06	0.179	0.199
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	633334	3500.01	23.54	24.00	1.112	-	-	-0.15	0.201	0.223
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3	-	DSI 4	633334	3500.01	26.53	27.00	1.114	50	1.000	0.03	0.166	0.185
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	633334	3500.01	26.53	27.00	1.114	50	1.000	-0.13	0.195	0.217
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	656000	3840	21.73	22.80	1.279	-	-	0.18	0.953	1.219
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	656000	3840	21.72	22.80	1.282	-	-	-0.07	0.996	1.277
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	656000	3840	21.68	22.80	1.294	-	-	0.06	0.910	1.178
89	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	656000	3840	21.73	22.80	1.279	-	-	0.08	1.010	1.292
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	656000	3840	21.72	22.80	1.282	-	-	-0.05	0.946	1.213
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	656000	3840	21.68	22.80	1.294	-	-	-0.05	0.932	1.206
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	656000	3840	24.75	25.80	1.274	50	1.000	0.14	0.964	1.228
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	Headset	DSI 3	656000	3840	21.72	22.80	1.282	-	-	0.07	0.959	1.230
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	Headset	DSI 3	656000	3840	21.73	22.80	1.279	-	-	0.03	0.966	1.236
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 5	-	DSI 4	656000	3840	19.32	20.40	1.282	-	-	0.16	0.178	0.228
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 5	-	DSI 4	656000	3840	19.32	20.40	1.282	-	-	-0.15	0.184	0.236
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 5	-	DSI 4	656000	3840	22.31	23.40	1.285	50	1.000	-0.02	0.171	0.220
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 5	-	DSI 4	656000	3840	22.31	23.40	1.285	50	1.000	-0.09	0.176	0.226



FCC SAR Test Report

Report No. : FA4N2802

FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	633334	3500.01	21.79	22.80	1.262	-	-	-0.11	0.740	0.934
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	633334	3500.01	21.78	22.80	1.265	-	-	-0.11	0.820	1.037
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 3	633334	3500.01	21.75	22.80	1.274	-	-	-0.03	0.719	0.916
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	633334	3500.01	21.79	22.80	1.262	-	-	0.04	0.872	1.100
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	633334	3500.01	21.78	22.80	1.265	-	-	0.01	0.954	1.207
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	633334	3500.01	21.75	22.80	1.274	-	-	-0.1	0.812	1.034
FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 3	633334	3500.01	24.81	25.80	1.256	50	1.000	0.18	0.924	1.161
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	Headset	DSI 3	633334	3500.01	21.78	22.80	1.265	-	-	0.04	0.938	1.186
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 5	-	DSI 4	633334	3500.01	19.37	20.40	1.268	-	-	0.14	0.139	0.176
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 5	-	DSI 4	633334	3500.01	19.37	20.40	1.268	-	-	0.1	0.150	0.190
FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 5	-	DSI 4	633334	3500.01	22.35	23.40	1.274	50	1.000	-0.09	0.132	0.168
FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 5	-	DSI 4	633334	3500.01	22.35	23.40	1.274	50	1.000	0.07	0.144	0.183

<Open UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 3	376500	1882.5	21.60	22.90	1.349	-	-	0.07	0.793	1.070
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 3	376500	1882.5	21.55	22.90	1.365	-	-	-0.12	0.794	1.083
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 3	376500	1882.5	21.49	22.90	1.383	-	-	-0.03	0.774	1.071
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 3	376500	1882.5	21.60	22.90	1.349	-	-	0.02	0.943	1.272
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 3	376500	1882.5	21.55	22.90	1.365	-	-	0.12	0.844	1.152
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 3	376500	1882.5	21.49	22.90	1.383	-	-	0.02	0.814	1.126
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2+3	Headset	DSI 3	376500	1882.5	21.60	22.90	1.349	-	-	0.06	0.924	1.246
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 2+3	-	DSI 4	376500	1882.5	26.40	27.00	1.148	-	-	0.11	0.159	0.183
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2+3	-	DSI 4	376500	1882.5	26.40	27.00	1.148	-	-	-0.08	0.248	0.285
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0+1	-	DSI 3	376500	1882.5	22.94	24.10	1.306	-	-	-0.03	0.803	1.049
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 0+1	-	DSI 3	376500	1882.5	22.91	24.10	1.315	-	-	0.15	0.777	1.022
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 0+1	-	DSI 3	376500	1882.5	22.79	24.10	1.352	-	-	-0.1	0.758	1.025
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0+1	-	DSI 3	376500	1882.5	22.94	24.10	1.306	-	-	0.05	0.835	1.091
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 0+1	-	DSI 3	376500	1882.5	22.91	24.10	1.315	-	-	-0.05	0.814	1.071
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 0+1	-	DSI 3	376500	1882.5	22.79	24.10	1.352	-	-	0.07	0.750	1.014
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0+1	Headset	DSI 3	376500	1882.5	22.94	24.10	1.306	-	-	-0.08	0.777	1.015
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0+1	Headset	DSI 3	376500	1882.5	22.94	24.10	1.306	-	-	-0.08	0.823	1.075
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 0+1	-	DSI 4	376500	1882.5	25.78	27.00	1.324	-	-	-0.15	0.171	0.226
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 0+1	-	DSI 4	376500	1882.5	25.78	27.00	1.324	-	-	-0.15	0.218	0.289
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+3	-	DSI 3	518598	2592.99	21.30	22.00	1.175	50	1.000	-0.13	1.090	1.281
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2+3	-	DSI 3	518598	2592.99	21.26	22.00	1.186	50	1.000	0.01	0.987	1.170
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 2+3	-	DSI 3	518598	2592.99	21.23	22.00	1.195	50	1.000	-0.11	0.945	1.130
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2+3	-	DSI 3	518598	2592.99	21.30	22.00	1.175	50	1.000	0.03	1.030	1.210
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2+3	-	DSI 3	518598	2592.99	21.26	22.00	1.186	50	1.000	-0.05	0.992	1.176
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 2+3	-	DSI 3	518598	2592.99	21.23	22.00	1.195	50	1.000	0.14	0.926	1.107
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+3	Headset	DSI 3	518598	2592.99	21.30	22.00	1.175	50	1.000	-0.01	1.030	1.210
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2+3	Headset	DSI 3	518598	2592.99	21.30	22.00	1.175	50	1.000	-0.12	1.000	1.175
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+3	-	DSI 3	518598	2592.99	24.27	25.00	1.183	25	1.000	-0.15	1.080	1.278
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 2+3	-	DSI 4	518598	2592.99	26.67	27.50	1.211	50	1.000	0.19	0.401	0.485
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2+3	-	DSI 4	518598	2592.99	26.67	27.50	1.211	50	1.000	0.07	0.385	0.466
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 2+3	-	DSI 4	518598	2592.99	29.45	30.00	1.135	25	1.000	-0.18	0.398	0.452
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2+3	-	DSI 4	518598	2592.99	29.45	30.00	1.135	25	1.000	0.03	0.371	0.421
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0+1	-	DSI 3	518598	2592.99	23.86	25.30	1.393	50	1.000	0.07	0.752	1.048
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+1	-	DSI 3	518598	2592.99	23.83	25.30	1.403	50	1.000	0.09	0.784	1.100
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 0+1	-	DSI 3	518598	2592.99	23.75	25.30	1.427	50	1.000	0.04	0.713	1.018
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0+1	-	DSI 3	518598	2592.99	23.86	25.30	1.393	50	1.000	0.11	0.625	0.871
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0+1	-	DSI 3	518598	2592.99	23.83	25.30	1.403	50	1.000	-0.13	0.667	0.936
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 0+1	-	DSI 3	518598	2592.99	23.75	25.30	1.427	50	1.000	0.12	0.559	0.798
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+1	Headset	DSI 3	518598	2592.99	23.83	25.30	1.403	50	1.000	0.02	0.768	1.077



FCC SAR Test Report

Report No. : FA4N2802

FR1 n41 PC1.5	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+1	-	DSI 3	518598	2592.99	26.70	28.30	1.445	25	1.000	0.03	0.781	1.129
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 0+1	-	DSI 4	518598	2592.99	26.45	27.00	1.135	50	1.000	0.07	0.125	0.142
FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 0+1	-	DSI 4	518598	2592.99	26.45	27.00	1.135	50	1.000	0.18	0.098	0.111
FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 0+1	-	DSI 4	518598	2592.99	29.40	30.00	1.148	25	1.000	-0.1	0.113	0.130
FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 0+1	-	DSI 4	518598	2592.99	29.40	30.00	1.148	25	1.000	0.01	0.086	0.099
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	641666	3624.99	21.90	23.10	1.318	-	-	-0.11	0.902	1.189
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	638000	3570	21.69	23.10	1.383	-	-	0.17	0.856	1.184
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	645332	3679.98	21.72	23.10	1.373	-	-	-0.16	0.823	1.130
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	641666	3624.99	21.85	23.10	1.334	-	-	-0.17	0.921	1.228
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	638000	3570	21.69	23.10	1.382	-	-	0.11	0.866	1.197
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	645332	3679.98	21.72	23.10	1.373	-	-	-0.05	0.845	1.160
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	641666	3624.99	21.79	23.00	1.322	-	-	-0.01	0.827	1.094
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	641666	3624.99	21.90	23.10	1.318	-	-	-0.14	0.975	1.285
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	638000	3570	21.69	23.10	1.383	-	-	-0.15	0.902	1.248
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	645332	3679.98	21.72	23.10	1.373	-	-	-0.12	0.886	1.217
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	641666	3624.99	21.85	23.10	1.334	-	-	-0.17	0.966	1.288
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	638000	3570	21.69	23.10	1.382	-	-	0.08	0.910	1.258
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	645332	3679.98	21.72	23.10	1.373	-	-	0.01	0.893	1.226
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	641666	3624.99	21.79	23.00	1.322	-	-	0.02	0.856	1.132
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+8	Headset	DSI 3	641666	3624.99	21.85	23.10	1.334	-	-	0.06	0.911	1.215
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+8	Headset	DSI 3	641666	3624.99	21.85	23.10	1.334	-	-	0.02	0.948	1.264
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+8	-	DSI 4	641666	3624.99	23.71	24.00	1.069	-	-	0.16	0.356	0.381
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	641666	3624.99	23.71	24.00	1.069	-	-	-0.1	0.361	0.386
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	641666	3624.99	22.21	23.50	1.346	-	-	-0.11	0.884	1.190
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	638000	3570	22.05	23.50	1.396	-	-	-0.01	0.833	1.163
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	645332	3679.98	22.07	23.50	1.390	-	-	0.09	0.825	1.146
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	641666	3624.99	22.13	23.50	1.371	-	-	0.1	0.930	1.275
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	638000	3570	22.06	23.50	1.393	-	-	-0.04	0.876	1.220
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	645332	3679.98	22.06	23.50	1.395	-	-	0.15	0.855	1.192
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	641666	3624.99	22.13	23.50	1.372	-	-	-0.11	0.834	1.144
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	641666	3624.99	22.21	23.50	1.346	-	-	0.09	0.836	1.125
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	638000	3570	22.05	23.50	1.396	-	-	-0.16	0.795	1.110
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	645332	3679.98	22.07	23.50	1.390	-	-	0.05	0.769	1.069
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	641666	3624.99	22.13	23.50	1.371	-	-	0.08	0.776	1.064
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	638000	3570	22.06	23.50	1.393	-	-	-0.18	0.725	1.010
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	645332	3679.98	22.06	23.50	1.395	-	-	-0.03	0.738	1.029
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	641666	3624.99	22.13	23.50	1.372	-	-	-0.11	0.741	1.017
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+5	Headset	DSI 3	641666	3624.99	22.13	23.50	1.371	-	-	0.03	0.925	1.268
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+5	-	DSI 4	641666	3624.99	23.58	24.00	1.102	-	-	0.03	0.315	0.347
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	641666	3624.99	23.58	24.00	1.102	-	-	0.18	0.301	0.332
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	641666	3624.99	22.02	23.10	1.282	-	-	-0.04	0.848	1.087
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	638000	3570	21.76	23.10	1.362	-	-	-0.09	0.799	1.088
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	645332	3679.98	21.80	23.10	1.350	-	-	0.18	0.786	1.061
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	641666	3624.99	21.93	23.10	1.309	-	-	0.11	0.754	0.987
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	638000	3570	21.75	23.10	1.364	-	-	0.07	0.682	0.930
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	645332	3679.98	21.80	23.10	1.350	-	-	-0.03	0.695	0.938
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	641666	3624.99	21.88	23.00	1.294	-	-	-0.04	0.680	0.880
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	641666	3624.99	22.02	23.10	1.282	-	-	0.09	0.981	1.258
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	638000	3570	21.76	23.10	1.362	-	-	-0.08	0.896	1.220
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	645332	3679.98	21.80	23.10	1.350	-	-	-0.05	0.906	1.223
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	641666	3624.99	21.93	23.10	1.309	-	-	-0.03	0.863	1.130
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	638000	3570	21.75	23.10	1.364	-	-	0.17	0.793	1.082
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	645332	3679.98	21.80	23.10	1.350	-	-	-0.14	0.784	1.058
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	641666	3624.99	21.88	23.00	1.294	-	-	0.06	0.778	1.006
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	Headset	DSI 3	641666	3624.99	22.02	23.10	1.282	-	-	0.02	0.957	1.227
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3+8	-	DSI 4	641666	3624.99	23.36	24.00	1.159	-	-	0.13	0.261	0.302



FCC SAR Test Report

Report No. : FA4N2802

FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	641666	3624.99	23.36	24.00	1.159	-	-	0.12	0.301	0.349
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 3	641666	3624.99	22.28	23.10	1.208	-	-	-0.06	1.040	1.256
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 3	638000	3570	22.12	23.10	1.254	-	-	-0.15	0.945	1.185
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 3	645332	3679.98	22.19	23.10	1.233	-	-	-0.12	0.969	1.195
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 3	641666	3624.99	22.24	23.10	1.219	-	-	-0.16	0.972	1.185
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 3	638000	3570	22.16	23.10	1.242	-	-	-0.03	0.922	1.145
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 3	645332	3679.98	22.13	23.10	1.252	-	-	0.17	0.936	1.171
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 3	641666	3624.99	22.21	23.00	1.199	-	-	0.02	0.918	1.101
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+5	-	DSI 3	641666	3624.99	22.28	23.10	1.208	-	-	-0.14	0.987	1.192
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+5	-	DSI 3	638000	3570	22.12	23.10	1.254	-	-	0.18	0.924	1.159
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+5	-	DSI 3	645332	3679.98	22.19	23.10	1.233	-	-	-0.11	0.918	1.132
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+5	-	DSI 3	641666	3624.99	22.24	23.10	1.219	-	-	-0.05	0.965	1.176
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+5	-	DSI 3	638000	3570	22.16	23.10	1.242	-	-	-0.04	0.905	1.124
FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+5	-	DSI 3	645332	3679.98	22.13	23.10	1.252	-	-	-0.08	0.924	1.156
FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 3+5	-	DSI 3	641666	3624.99	22.21	23.00	1.199	-	-	0.01	0.892	1.070
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	Headset	DSI 3	641666	3624.99	22.28	23.10	1.208	-	-	0.06	1.020	1.232
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3+5	-	DSI 4	641666	3624.99	23.18	24.00	1.208	-	-	-0.09	0.156	0.188
FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+5	-	DSI 4	641666	3624.99	23.18	24.00	1.208	-	-	-0.08	0.143	0.173
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 3	349000	1745	23.78	24.90	1.294	-	-	0.18	0.982	1.271
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 3	349000	1745	23.73	24.90	1.309	-	-	0.02	0.857	1.122
FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 3	349000	1745	23.70	24.90	1.318	-	-	0.16	0.823	1.085
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 3	349000	1745	23.78	24.90	1.294	-	-	0.06	0.921	1.192
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 3	349000	1745	23.73	24.90	1.309	-	-	-0.02	0.867	1.135
FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 3	349000	1745	23.70	24.90	1.318	-	-	0.07	0.849	1.119
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	Headset	DSI 3	349000	1745	23.78	24.90	1.294	-	-	0.18	0.966	1.250
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 2+3	-	DSI 4	349000	1745	26.36	27.00	1.159	-	-	0.05	0.281	0.326
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2+3	-	DSI 4	349000	1745	26.36	27.00	1.159	-	-	0.06	0.251	0.291
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0+1	-	DSI 3	349000	1745	25.26	25.60	1.081	-	-	-0.17	0.726	0.785
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 0+1	-	DSI 3	349000	1745	25.22	25.60	1.091	-	-	0.1	0.530	0.578
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0+1	-	DSI 3	349000	1745	25.26	25.60	1.081	-	-	0.08	0.699	0.756
FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 0+1	-	DSI 3	349000	1745	25.22	25.60	1.091	-	-	-0.13	0.588	0.642
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	16mm	Ant 0+1	-	DSI 4	349000	1745	25.76	26.50	1.186	-	-	-0.01	0.125	0.148
FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 0+1	-	DSI 4	349000	1745	25.76	26.50	1.186	-	-	-0.08	0.093	0.110
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	656000	3840	22.56	23.30	1.186	50	1.000	-0.1	1.070	1.269
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	656000	3840	22.55	23.30	1.189	50	1.000	-0.07	1.000	1.189
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	656000	3840	22.53	23.30	1.195	50	1.000	0.11	0.958	1.145
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	656000	3840	22.56	23.30	1.186	50	1.000	-0.17	0.962	1.141
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	656000	3840	22.55	23.30	1.189	50	1.000	0.01	0.886	1.053
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	656000	3840	22.53	23.30	1.195	50	1.000	0.1	0.861	1.029
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	Headset	DSI 3	656000	3840	22.56	23.30	1.186	50	1.000	0.06	1.020	1.209
FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	656000	3840	25.56	26.30	1.187	25	1.000	0.01	1.050	1.246
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+8	-	DSI 4	656000	3840	26.62	27.00	1.091	50	1.000	0.01	0.401	0.438
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	656000	3840	26.62	27.00	1.091	50	1.000	0.1	0.359	0.392
FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+8	-	DSI 4	656000	3840	29.61	30.00	1.094	25	1.000	-0.17	0.398	0.435
FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	656000	3840	29.61	30.00	1.094	25	1.000	0.04	0.356	0.389
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	656000	3840	22.41	23.60	1.315	50	1.000	0.11	0.962	1.265
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	656000	3840	22.40	23.60	1.318	50	1.000	-0.07	0.934	1.231
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	656000	3840	22.39	23.60	1.323	50	1.000	0.18	0.916	1.211
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	656000	3840	22.41	23.60	1.315	50	1.000	0.12	0.808	1.063
FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	656000	3840	22.40	23.60	1.318	50	1.000	0.07	0.723	0.953
FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	656000	3840	22.39	23.60	1.323	50	1.000	0.15	0.708	0.936
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	Headset	DSI 3	656000	3840	22.41	23.60	1.315	50	1.000	0.02	0.955	1.256
FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	656000	3840	25.43	26.60	1.310	25	1.000	0.08	0.968	1.268
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+5	-	DSI 4	656000	3840	26.41	27.00	1.146	50	1.000	0.14	0.451	0.517
FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	656000	3840	26.41	27.00	1.146	50	1.000	-0.17	0.356	0.408



FCC SAR Test Report

Report No. : FA4N2802

FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+5	-	DSI 4	656000	3840	29.31	30.00	1.172	25	1.000	0.17	0.449	0.526
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	656000	3840	29.31	30.00	1.172	25	1.000	-0.05	0.389	0.456
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	656000	3840	22.66	23.70	1.271	50	1.000	0.14	0.880	1.118
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	656000	3840	22.63	23.70	1.279	50	1.000	-0.03	0.716	0.916
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	656000	3840	22.60	23.70	1.290	50	1.000	-0.14	0.704	0.908
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	656000	3840	22.66	23.70	1.271	50	1.000	0.17	1.000	1.271
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	656000	3840	22.63	23.70	1.279	50	1.000	0.11	0.958	1.226
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	656000	3840	22.60	23.70	1.290	50	1.000	0.07	0.936	1.207
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	Headset	DSI 3	656000	3840	22.66	23.70	1.271	50	1.000	0.02	0.978	1.243
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	656000	3840	25.59	26.70	1.291	25	1.000	0.01	0.963	1.243
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3+8	-	DSI 4	656000	3840	26.64	27.00	1.086	50	1.000	0.14	0.301	0.327
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	656000	3840	26.64	27.00	1.086	50	1.000	0.11	0.351	0.381
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3+8	-	DSI 4	656000	3840	29.58	30.00	1.102	25	1.000	-0.05	0.253	0.279
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	656000	3840	29.58	30.00	1.102	25	1.000	0.18	0.345	0.380
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	633334	3500.01	22.54	23.30	1.191	50	1.000	-0.04	0.911	1.085
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	633334	3500.01	22.52	23.30	1.197	50	1.000	-0.18	0.851	1.018
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	633334	3500.01	22.49	23.30	1.205	50	1.000	-0.13	0.823	0.992
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	633334	3500.01	22.54	23.30	1.191	50	1.000	-0.13	0.819	0.976
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	633334	3500.01	22.52	23.30	1.197	50	1.000	-0.15	0.754	0.902
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 3	633334	3500.01	22.49	23.30	1.205	50	1.000	-0.04	0.748	0.901
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 3	633334	3500.01	25.61	26.30	1.173	25	1.000	0.03	0.903	1.060
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+8	-	DSI 4	633334	3500.01	26.61	27.00	1.094	50	1.000	0.08	0.412	0.451
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	633334	3500.01	26.61	27.00	1.094	50	1.000	0.01	0.356	0.389
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+8	-	DSI 4	633334	3500.01	29.67	30.00	1.079	25	1.000	0.03	0.405	0.437
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	633334	3500.01	29.67	30.00	1.079	25	1.000	-0.08	0.389	0.420
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	633334	3500.01	22.45	23.60	1.303	50	1.000	-0.09	0.852	1.110
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	633334	3500.01	22.43	23.60	1.309	50	1.000	0.05	0.819	1.072
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	633334	3500.01	22.40	23.60	1.318	50	1.000	0.13	0.801	1.056
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	633334	3500.01	22.45	23.60	1.303	50	1.000	-0.05	0.709	0.924
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	633334	3500.01	22.43	23.60	1.309	50	1.000	-0.12	0.634	0.830
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 3	633334	3500.01	22.40	23.60	1.318	50	1.000	0.15	0.624	0.822
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 3	633334	3500.01	25.47	26.60	1.298	25	1.000	-0.08	0.813	1.055
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+5	-	DSI 4	633334	3500.01	26.48	27.00	1.127	50	1.000	-0.08	0.431	0.486
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	633334	3500.01	26.48	27.00	1.127	50	1.000	0.1	0.401	0.452
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 4+5	-	DSI 4	633334	3500.01	29.44	30.00	1.138	25	1.000	-0.18	0.415	0.472
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	633334	3500.01	29.44	30.00	1.138	25	1.000	0.1	0.411	0.468
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	633334	3500.01	22.61	23.70	1.285	50	1.000	-0.07	0.780	1.003
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	633334	3500.01	22.57	23.70	1.297	50	1.000	0.1	0.634	0.822
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 3	633334	3500.01	22.55	23.70	1.303	50	1.000	-0.11	0.616	0.803
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	633334	3500.01	22.61	23.70	1.285	50	1.000	-0.02	0.905	1.163
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	633334	3500.01	22.57	23.70	1.297	50	1.000	-0.1	0.849	1.101
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	633334	3500.01	22.55	23.70	1.303	50	1.000	0.14	0.823	1.072
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 3	633334	3500.01	25.65	26.70	1.273	25	1.000	-0.08	0.865	1.102
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3+8	-	DSI 4	633334	3500.01	26.58	27.00	1.102	50	1.000	0.12	0.359	0.395
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	633334	3500.01	26.58	27.00	1.102	50	1.000	0.08	0.456	0.502
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	16mm	Ant 3+8	-	DSI 4	633334	3500.01	29.54	30.00	1.112	25	1.000	-0.17	0.389	0.432
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	633334	3500.01	29.54	30.00	1.112	25	1.000	-0.03	0.461	0.513



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																	
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	-	Standalone	6	2437	18.79	20.00	1.321	97.06	1.030	-0.06	0.930	1.266
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	-	Standalone	1	2412	18.75	20.00	1.334	97.06	1.030	-0.1	0.813	1.117
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	-	Standalone	11	2462	18.63	20.00	1.371	97.06	1.030	0.01	0.829	1.171
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+6(6)	-	Standalone	6	2437	18.79	20.00	1.321	97.06	1.030	-0.15	0.850	1.157
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+6(6)	-	Standalone	1	2412	18.75	20.00	1.334	97.06	1.030	0.19	0.698	0.959
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 7+6(7)	-	Standalone	6	2437	17.87	19.50	1.455	99.06	1.009	0.06	0.803	1.179
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	Headset	Standalone	6	2437	18.79	20.00	1.321	97.06	1.030	0.06	0.911	1.240
	WLAN2.4GHz	802.11b 1Mbps	Front	16mm	Ant 7+6(6)	-	Full power	6	2437	21.22	23.00	1.507	97.06	1.030	0.08	0.235	0.365
	WLAN2.4GHz	802.11b 1Mbps	Back	16mm	Ant 7+6(6)	-	Full power	6	2437	21.22	23.00	1.507	97.06	1.030	0.01	0.215	0.334
	Bluetooth	1Mbps	Front	5mm	Ant 6	-	Full power	39	2441	18.30	18.50	1.047	77.07	1.081	-0.18	0.250	0.283
	Bluetooth	1Mbps	Back	5mm	Ant 6	-	Full power	39	2441	18.30	18.50	1.047	77.07	1.081	0.01	0.400	0.453
	Bluetooth	1Mbps	Front	5mm	Ant 7	-	Standalone	39	2441	17.45	18.00	1.135	77.07	1.081	-0.15	0.762	0.935
	Bluetooth	1Mbps	Front	5mm	Ant 7	-	Standalone	0	2402	17.38	18.00	1.153	77.07	1.081	0.03	0.715	0.892
	Bluetooth	1Mbps	Back	5mm	Ant 7	-	Standalone	39	2441	17.45	18.00	1.135	77.07	1.081	-0.04	0.801	0.983
	Bluetooth	1Mbps	Back	5mm	Ant 7	-	Standalone	0	2402	17.38	18.00	1.153	77.07	1.081	-0.08	0.749	0.934
	Bluetooth	1Mbps	Front	16mm	Ant 7	-	Full power	39	2441	19.40	19.50	1.023	77.07	1.081	-0.08	0.351	0.388
	Bluetooth	1Mbps	Back	16mm	Ant 7	-	Full power	39	2441	19.40	19.50	1.023	77.07	1.081	0.1	0.368	0.407
5000MHz																	
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(5)	-	Standalone	54	5270	17.52	18.50	1.253	100	1.000	-0.08	0.449	0.563
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5(5)	-	Standalone	54	5270	17.52	18.50	1.253	100	1.000	-0.18	0.913	1.144
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5(7)	-	Standalone	62	5310	15.13	16.50	1.371	100	1.000	-0.01	0.814	1.116
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5(5)	Headset	Standalone	54	5270	17.52	18.50	1.253	100	1.000	-0.18	0.902	1.130
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	16mm	Ant 7+5(5)	-	Full power	54	5270	18.96	20.50	1.426	100	1.000	-0.18	0.135	0.192
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	16mm	Ant 7+5(5)	-	Full power	54	5270	18.96	20.50	1.426	100	1.000	0.1	0.241	0.344
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Front	5mm	Ant 7+5(5)	-	Standalone	114	5570	16.31	17.50	1.315	100	1.000	0.12	0.461	0.606
90	WLAN5.5GHz	802.11ac-VHT160 MCS0	Back	5mm	Ant 7+5(5)	-	Standalone	114	5570	16.31	17.50	1.315	100	1.000	-0.07	0.874	1.150
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Back	5mm	Ant 7+5(5)	Headset	Standalone	114	5570	16.31	17.50	1.315	100	1.000	-0.07	0.855	1.125
	WLAN5.5GHz	802.11n-HT40 MCS0	Front	16mm	Ant 7+5(5)	-	Full power	110	5550	18.88	20.50	1.452	100	1.000	0.12	0.215	0.312
	WLAN5.5GHz	802.11n-HT40 MCS0	Back	16mm	Ant 7+5(5)	-	Full power	110	5550	18.88	20.50	1.452	100	1.000	0.08	0.235	0.341
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 7+5(7)	-	Standalone	155	5775	16.93	18.00	1.279	99.63	1.004	0.18	0.650	0.835
91	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 7+5(7)	-	Standalone	155	5775	16.93	18.00	1.279	99.63	1.004	0.01	0.898	1.153
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 7+5(7)	Headset	Standalone	155	5775	16.93	18.00	1.279	99.63	1.004	0.03	0.882	1.133
	WLAN5.8GHz	802.11a 6Mbps	Front	16mm	Ant 7+5(7)	-	Full power	165	5825	19.77	21.50	1.489	99.06	1.009	-0.17	0.251	0.377
	WLAN5.8GHz	802.11a 6Mbps	Back	16mm	Ant 7+5(7)	-	Full power	165	5825	19.77	21.50	1.489	99.06	1.009	-0.03	0.263	0.395



<Flip Close>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																					
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	133322	683	22.65	24.00	1.365	-	-	-0.17	0.055	0.075
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 10	133322	683	21.68	23.00	1.355	-	-	-0.1	0.025	0.034
	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	133322	683	22.65	24.00	1.365	-	-	-0.07	0.434	0.592
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	133322	683	21.68	23.00	1.355	-	-	0.18	0.249	0.337
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	133322	683	22.65	24.00	1.365	-	-	0.06	0.425	0.580
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	133322	683	22.61	24.00	1.377	-	-	-0.17	0.042	0.058
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 10	133322	683	21.66	23.00	1.361	-	-	-0.04	0.036	0.049
	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	133322	683	22.61	24.00	1.377	-	-	0.09	0.328	0.452
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	133322	683	21.66	23.00	1.361	-	-	-0.05	0.177	0.241
	LTE Band 71_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	133322	683	22.61	24.00	1.377	-	-	0.06	0.319	0.439
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	23095	707.5	22.96	24.00	1.271	-	-	0.17	0.051	0.065
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 10	23095	707.5	21.96	23.00	1.271	-	-	-0.13	0.035	0.044
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	23095	707.5	22.96	24.00	1.271	-	-	-0.04	0.439	0.558
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 10	23095	707.5	21.96	23.00	1.271	-	-	-0.01	0.203	0.258
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	23095	707.5	22.96	24.00	1.271	-	-	0.06	0.422	0.536
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	23095	707.5	22.92	24.00	1.282	-	-	-0.09	0.061	0.078
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 10	23095	707.5	21.92	23.00	1.282	-	-	0.05	0.035	0.045
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	23095	707.5	22.92	24.00	1.282	-	-	-0.07	0.431	0.553
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 10	23095	707.5	21.92	23.00	1.282	-	-	0.02	0.228	0.292
	LTE Band 12_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	23095	707.5	22.92	24.00	1.282	-	-	0.05	0.419	0.537
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	23230	782	22.07	23.00	1.239	-	-	0.06	0.063	0.078
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 10	23230	782	21.06	22.00	1.242	-	-	-0.15	0.036	0.045
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	23230	782	22.07	23.00	1.239	-	-	-0.01	0.478	0.592
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 10	23230	782	21.06	22.00	1.242	-	-	-0.04	0.250	0.310
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	23230	782	22.07	23.00	1.239	-	-	0.09	0.462	0.572
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	23230	782	22.28	23.00	1.180	-	-	0.11	0.083	0.098
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 10	23230	782	21.34	22.00	1.164	-	-	-0.02	0.047	0.055
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	23230	782	22.28	23.00	1.180	-	-	-0.01	0.336	0.397
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 10	23230	782	21.34	22.00	1.164	-	-	0.1	0.194	0.226
	LTE Band 13_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	23230	782	22.28	23.00	1.180	-	-	0.09	0.321	0.379
	LTE Band 14	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	23330	793	22.50	24.00	1.413	-	-	0.04	0.087	0.123
	LTE Band 14	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 10	23330	793	21.55	23.00	1.396	-	-	0.13	0.072	0.101
	LTE Band 14	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	23330	793	22.50	24.00	1.413	-	-	0.01	0.539	0.761
	LTE Band 14	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 10	23330	793	21.55	23.00	1.396	-	-	-0.18	0.463	0.647
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	23330	793	22.50	24.00	1.413	-	-	0.09	0.524	0.740
	LTE Band 14	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	23330	793	22.33	23.00	1.167	-	-	0.18	0.095	0.111
	LTE Band 14	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 10	23330	793	21.36	22.00	1.159	-	-	-0.1	0.057	0.066
	LTE Band 14	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	23330	793	22.33	23.00	1.167	-	-	0.01	0.409	0.477
	LTE Band 14	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 10	23330	793	21.36	22.00	1.159	-	-	-0.15	0.220	0.255
	LTE Band 14_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	23330	793	22.33	23.00	1.167	-	-	0.03	0.386	0.450
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 10	136100	680.5	23.44	24.00	1.138	-	-	-0.1	0.042	0.048
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 10	136100	680.5	23.26	24.00	1.186	-	-	0.01	0.060	0.071
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 10	136100	680.5	23.44	24.00	1.138	-	-	-0.15	0.270	0.307
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 10	136100	680.5	23.26	24.00	1.186	-	-	0.05	0.367	0.435
	FR1 n71_Other Path	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 10	136100	680.5	23.06	24.00	1.242	-	-	-0.08	0.272	0.338
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 10	136100	680.5	22.99	24.00	1.262	-	-	0.19	0.010	0.013
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 10	136100	680.5	22.81	24.00	1.315	-	-	0.07	0.006	0.008
	FR1 n71	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 10	136100	680.5	22.99	24.00	1.262	-	-	-0.11	0.298	0.376
	FR1 n71	35M	QPSK	90	45	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 10	136100	680.5	22.81	24.00	1.315	-	-	-0.18	0.271	0.356
	FR1 n71_Other Path	35M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 10	136100	680.5	23.03	24.00	1.250	-	-	0.02	0.227	0.284



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 10	141500	707.5	23.64	24.50	1.219	-	-	-0.15	0.054	0.066
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 10	141500	707.5	23.60	24.50	1.230	-	-	-0.15	0.057	0.070
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 10	141500	707.5	23.64	24.50	1.219	-	-	0.11	0.358	0.436
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 10	141500	707.5	23.60	24.50	1.230	-	-	0.12	0.377	0.464
	FR1 n12_Other Path	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 10	141500	707.5	23.76	24.50	1.186	-	-	0.08	0.341	0.404
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 10	141500	707.5	23.52	24.00	1.117	-	-	-0.08	0.022	0.025
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 10	141500	707.5	23.47	24.00	1.130	-	-	-0.17	0.017	0.019
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 10	141500	707.5	23.52	24.00	1.117	-	-	0.01	0.414	0.462
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 10	141500	707.5	23.47	24.00	1.130	-	-	-0.08	0.374	0.423
	FR1 n12_Main PA	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 10	141500	707.5	23.47	24.00	1.130	-	-	-0.01	0.394	0.445
835MHz																					
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 0	-	DSI 10	189	836.4	28.07	29.00	1.239	-	-	-0.06	0.098	0.121
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 0	-	DSI 10	189	836.4	28.07	29.00	1.239	-	-	0.01	0.545	0.675
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 1	-	DSI 10	189	836.4	27.48	29.00	1.419	-	-	-0.14	0.098	0.139
	GSM850	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 1	-	DSI 10	189	836.4	27.48	29.00	1.419	-	-	-0.11	0.416	0.590
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 10	4182	836.4	23.26	24.00	1.186	-	-	-0.19	0.111	0.132
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 10	4182	836.4	23.26	24.00	1.186	-	-	0.01	0.664	0.787
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	-	DSI 10	4182	836.4	23.66	24.00	1.081	-	-	0.12	0.125	0.135
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	-	DSI 10	4182	836.4	23.66	24.00	1.081	-	-	-0.03	0.605	0.654
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	26865	831.5	22.85	24.00	1.303	-	-	0.08	0.092	0.120
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 0	-	DSI 10	26865	831.5	21.87	23.00	1.297	-	-	0.01	0.066	0.086
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	26865	831.5	22.85	24.00	1.303	-	-	-0.03	0.619	0.807
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 0	-	DSI 10	26865	831.5	21.87	23.00	1.297	-	-	0.03	0.505	0.655
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 0	-	DSI 10	26865	831.5	21.85	23.00	1.303	-	-	0.06	0.488	0.636
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	20525	836.5	22.78	24.00	1.324	-	-	0.01	0.599	0.793
	LTE Band 5B	10M	QPSK	1	49	-	Back	5mm	Ant 0	-	DSI 10	20476+20575	831.6+841.5	22.63	24.00	1.371	-	-	0.02	0.545	0.747
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	26865	831.5	22.46	24.00	1.426	-	-	-0.08	0.099	0.141
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 1	-	DSI 10	26865	831.5	21.49	23.00	1.416	-	-	-0.08	0.049	0.069
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	26865	831.5	22.46	24.00	1.426	-	-	0.03	0.401	0.572
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 1	-	DSI 10	26865	831.5	21.49	23.00	1.416	-	-	0.1	0.229	0.324
	LTE Band 5_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	20525	836.5	22.28	24.00	1.486	-	-	0.06	0.365	0.542
	LTE Band 5B	10M	QPSK	1	49	-	Back	5mm	Ant 1	-	DSI 10	20476+20575	831.6+841.5	22.15	24.00	1.531	-	-	0.03	0.322	0.493
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 10	166300	831.5	23.60	24.00	1.096	-	-	-0.13	0.085	0.093
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	-	DSI 10	166300	831.5	23.44	24.00	1.138	-	-	0.06	0.077	0.088
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 10	166300	831.5	23.60	24.00	1.096	-	-	0.02	0.488	0.535
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 10	166300	831.5	23.44	24.00	1.138	-	-	-0.03	0.433	0.493
	FR1 n26_Other Path	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	-	DSI 10	166300	831.5	23.33	24.00	1.167	-	-	0.03	0.401	0.468
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 10	166300	831.5	23.20	24.00	1.202	-	-	-0.03	0.114	0.137
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	-	DSI 10	166300	831.5	23.10	24.00	1.230	-	-	0.08	0.105	0.129
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 10	166300	831.5	23.20	24.00	1.202	-	-	-0.05	0.533	0.641
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 10	166300	831.5	23.10	24.00	1.230	-	-	-0.07	0.491	0.604
	FR1 n26_Other Path	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	-	DSI 10	166300	831.5	23.20	24.00	1.202	-	-	0.08	0.458	0.551
1750MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 10	1413	1732.6	23.32	24.00	1.169	-	-	-0.11	1.040	1.216



FCC SAR Test Report

Report No. : FA4N2802

	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 10	1312	1712.4	23.17	24.00	1.211	-	-	-0.18	0.937	1.134
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 10	1513	1752.6	23.16	24.00	1.213	-	-	0.1	0.972	1.179
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	-	DSI 10	1413	1732.6	23.32	24.00	1.169	-	-	0.12	0.227	0.265
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	Headset	DSI 10	1413	1732.6	23.32	24.00	1.169	-	-	-0.11	1.010	1.181
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 10	1413	1732.6	23.12	24.00	1.225	-	-	0.08	0.155	0.190
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 10	1413	1732.6	23.12	24.00	1.225	-	-	-0.17	0.876	1.073
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 10	1312	1712.4	23.08	24.00	1.236	-	-	-0.02	0.916	1.132
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 10	1513	1752.6	23.05	24.00	1.245	-	-	-0.03	0.867	1.079
92	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	132322	1745	21.97	23.20	1.327	-	-	0.12	0.974	1.293
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	132072	1720	21.75	23.20	1.396	-	-	0.14	0.849	1.186
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	132572	1770	21.75	23.20	1.396	-	-	0.11	0.920	1.285
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	132322	1745	21.75	23.00	1.334	-	-	-0.05	0.554	0.739
	LTE Band 66	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 10	132322	1745	21.60	23.00	1.380	-	-	-0.17	0.548	0.756
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 10	132322	1745	21.97	23.20	1.327	-	-	0.17	0.127	0.169
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 10	132322	1745	21.75	23.00	1.334	-	-	-0.05	0.075	0.100
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	Headset	DSI 10	132322	1745	21.97	23.20	1.327	-	-	0.12	0.955	1.268
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	132322	1745	21.97	23.20	1.327	-	-	-0.08	0.946	1.256
	LTE Band 66	20M	QPSK	1	0	-	Front	10mm	Ant 2	-	DSI 4	132322	1745	22.81	24.00	1.315	-	-	-0.13	0.670	0.881
	LTE Band 66	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	132322	1745	22.81	24.00	1.315	-	-	-0.01	0.345	0.454
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	132322	1745	22.66	23.80	1.300	-	-	0.01	0.821	1.067
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	132072	1720	22.62	23.80	1.312	-	-	0.1	0.871	1.143
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	132572	1770	22.60	23.80	1.318	-	-	0.02	0.972	1.281
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	132322	1745	21.72	23.00	1.343	-	-	-0.17	0.405	0.544
	LTE Band 66	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 10	132322	1745	21.70	23.00	1.349	-	-	0.04	0.422	0.569
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	132322	1745	22.66	23.80	1.300	-	-	-0.01	0.178	0.231
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 10	132322	1745	21.72	23.00	1.343	-	-	-0.08	0.100	0.134
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	Headset	DSI 10	132572	1770	22.60	23.80	1.318	-	-	0.02	0.965	1.272
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	132572	1770	22.60	23.80	1.318	-	-	0.1	0.948	1.250
	LTE Band 66	20M	QPSK	1	0	-	Front	10mm	Ant 3	-	DSI 4	132322	1745	22.66	24.00	1.361	-	-	-0.05	0.659	0.897
	LTE Band 66	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	132322	1745	22.66	24.00	1.361	-	-	-0.09	0.272	0.370
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	132322	1745	22.31	24.00	1.476	-	-	0.05	0.163	0.241
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 10	132322	1745	21.34	23.00	1.466	-	-	0.06	0.085	0.125
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	132322	1745	22.31	24.00	1.476	-	-	-0.09	0.707	1.043
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	132072	1720	22.25	24.00	1.496	-	-	-0.01	0.771	1.154
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	132572	1770	22.26	24.00	1.493	-	-	-0.08	0.678	1.012
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	132322	1745	21.34	23.00	1.466	-	-	0.13	0.402	0.589
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 0	-	DSI 10	132322	1745	21.31	23.00	1.476	-	-	0.12	0.382	0.564
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	132072	1720	22.25	24.00	1.496	-	-	-0.18	0.722	1.080
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	132322	1745	22.08	23.00	1.236	-	-	0.12	0.125	0.154
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 10	132322	1745	21.08	22.00	1.236	-	-	0.08	0.075	0.093
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	132322	1745	22.08	23.00	1.236	-	-	-0.17	0.926	1.144
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	132322	1745	21.08	22.00	1.236	-	-	-0.03	0.518	0.640
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 10	132322	1745	22.08	23.00	1.236	-	-	0.14	0.626	0.774
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	132322	1745	22.08	23.00	1.236	-	-	0.11	0.886	1.095
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	349000	1745	21.01	22.00	1.256	-	-	-0.02	1.010	1.269
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	349000	1745	20.98	22.00	1.265	-	-	-0.16	0.944	1.194
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	349000	1745	20.88	22.00	1.294	-	-	-0.02	0.853	1.104
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 10	349000	1745	21.01	22.00	1.256	-	-	0.15	0.112	0.141
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 10	349000	1745	20.98	22.00	1.265	-	-	-0.09	0.127	0.161
	FR1 n66_Main PA	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	349000	1745	20.92	22.00	1.282	-	-	0.04	0.818	1.049
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	Headset	DSI 10	349000	1745	21.01	22.00	1.256	-	-	0.06	0.995	1.250
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 2	-	DSI 4	349000	1745	23.59	24.00	1.099	-	-	-0.17	0.561	0.617
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2	-	DSI 4	349000	1745	23.59	24.00	1.099	-	-	-0.04	0.219	0.241
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	349000	1745	22.40	23.40	1.259	-	-	-0.11	1.020	1.284
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	349000	1745	22.29	23.40	1.291	-	-	0.11	0.929	1.200
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	349000	1745	21.82	23.00	1.312	-	-	-0.05	0.850	1.115



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 10	349000	1745	22.40	23.40	1.259	-	-	-0.08	0.193	0.243
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 10	349000	1745	22.29	23.40	1.291	-	-	0.16	0.198	0.256
	FR1 n66_Code 2	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	349000	1745	22.40	23.40	1.259	-	-	-0.01	0.623	0.784
	FR1 n66_Main PA	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	349000	1745	22.28	23.40	1.294	-	-	0.08	0.896	1.160
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	Headset	DSI 10	349000	1745	22.40	23.40	1.259	-	-	0.02	1.000	1.259
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 3	-	DSI 4	349000	1745	23.42	24.00	1.143	-	-	-0.1	0.460	0.526
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 3	-	DSI 4	349000	1745	23.42	24.00	1.143	-	-	0.18	0.194	0.222
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	340500	1702.5	23.51	24.00	1.119	-	-	0.05	0.934	1.046
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	340500	1702.5	23.31	24.00	1.172	-	-	0.11	0.997	1.169
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	340500	1702.5	22.53	23.00	1.114	-	-	0.05	0.781	0.870
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 10	340500	1702.5	23.51	24.00	1.119	-	-	-0.03	0.306	0.343
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 10	340500	1702.5	23.31	24.00	1.172	-	-	-0.15	0.268	0.314
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	340500	1702.5	23.43	24.00	1.140	-	-	-0.11	0.779	0.888
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	340500	1702.5	23.20	24.00	1.202	-	-	0.02	0.700	0.842
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	340500	1702.5	22.36	23.00	1.159	-	-	0.07	0.560	0.649
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 10	340500	1702.5	23.43	24.00	1.140	-	-	0.16	0.528	0.602
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 10	340500	1702.5	23.20	24.00	1.202	-	-	0.13	0.553	0.665
	FR1 n70_Code 2	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	340500	1702.5	23.43	24.00	1.140	-	-	0.16	0.600	0.684
1900MHz																					
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Front	5mm	Ant 2	-	DSI 10	661	1880	27.76	28.50	1.186	-	-	-0.1	1.010	1.198
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Front	5mm	Ant 2	-	DSI 10	512	1850.2	27.69	28.50	1.205	-	-	0.01	0.994	1.198
93	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Front	5mm	Ant 2	-	DSI 10	810	1909.8	27.72	28.50	1.197	-	-	0.01	1.050	1.257
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Back	5mm	Ant 2	-	DSI 10	661	1880	27.76	28.50	1.186	-	-	-0.15	0.173	0.205
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Front	5mm	Ant 2	Headset	DSI 10	810	1909.8	27.72	28.50	1.197	-	-	0.01	1.030	1.233
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Front	5mm	Ant 0	-	DSI 10	661	1880	25.33	26.50	1.309	-	-	0.18	0.045	0.059
	GSM1900	-	-	-	-	GPRS (3 Tx slots)	Back	5mm	Ant 0	-	DSI 10	661	1880	25.33	26.50	1.309	-	-	0.01	0.298	0.390
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 10	9400	1880	20.68	22.10	1.387	-	-	0.04	0.931	1.291
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 10	9262	1852.4	20.49	22.10	1.449	-	-	0.19	0.880	1.275
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	-	DSI 10	9538	1907.6	20.44	22.10	1.466	-	-	0.07	0.831	1.218
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	-	DSI 10	9400	1880	20.68	22.10	1.387	-	-	-0.18	0.147	0.204
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	Headset	DSI 10	9400	1880	20.68	22.10	1.387	-	-	0.04	0.918	1.273
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	10mm	Ant 2	-	DSI 4	9400	1880	23.32	24.00	1.169	-	-	-0.09	0.866	1.013
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	16mm	Ant 2	-	DSI 4	9400	1880	23.32	24.00	1.169	-	-	-0.17	0.437	0.511
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	-	DSI 10	9400	1880	22.81	24.00	1.315	-	-	0.03	0.081	0.107
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	-	DSI 10	9400	1880	22.81	24.00	1.315	-	-	0.01	0.521	0.685
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	26340	1880	21.31	22.60	1.346	-	-	-0.02	0.942	1.268
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	26140	1860	21.16	22.60	1.393	-	-	-0.15	0.908	1.265
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	26590	1905	21.20	22.60	1.380	-	-	-0.15	0.912	1.259
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	26340	1880	21.28	22.60	1.355	-	-	0.11	0.508	0.688
	LTE Band 25	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 10	26340	1880	21.21	22.60	1.377	-	-	-0.08	0.493	0.679
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 10	26340	1880	21.31	22.60	1.346	-	-	-0.04	0.178	0.240
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 10	26340	1880	21.28	22.60	1.355	-	-	-0.08	0.093	0.126
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	Headset	DSI 10	26340	1880	21.31	22.60	1.346	-	-	-0.02	0.929	1.250
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	18900	1880	21.13	22.60	1.403	-	-	0.03	0.878	1.232
	LTE Band 25	20M	QPSK	1	0	-	Front	10mm	Ant 2	-	DSI 4	26340	1880	22.74	24.00	1.337	-	-	-0.06	0.795	1.063
	LTE Band 25	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	26340	1880	22.74	24.00	1.337	-	-	-0.04	0.313	0.418
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	26340	1880	21.95	23.10	1.303	-	-	0.17	0.939	1.224
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	26140	1860	21.92	23.10	1.312	-	-	0.18	0.930	1.220
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	26590	1905	21.88	23.10	1.324	-	-	0.01	0.962	1.274
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	26340	1880	21.86	23.00	1.300	-	-	-0.04	0.508	0.660
	LTE Band 25	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 10	26340	1880	21.86	23.00	1.300	-	-	-0.08	0.490	0.637
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	26340	1880	21.95	23.10	1.303	-	-	-0.13	0.128	0.167
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 10	26340	1880	21.86	23.00	1.300	-	-	-0.13	0.069	0.090
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	Headset	DSI 10	26590	1905	21.88	23.10	1.324	-	-	0.01	0.955	1.265



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 2_Other Path	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	19100	1900	21.69	23.10	1.384	-	-	-0.08	0.903	1.249
	LTE Band 25	20M	QPSK	1	0	-	Front	10mm	Ant 3	-	DSI 4	26340	1880	23.05	24.00	1.245	-	-	-0.01	0.888	1.105
	LTE Band 25	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	26340	1880	23.05	24.00	1.245	-	-	0.01	0.417	0.519
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	26340	1880	22.15	23.00	1.216	-	-	0.06	0.112	0.136
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 10	26340	1880	21.23	22.00	1.194	-	-	-0.03	0.054	0.064
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	26340	1880	22.15	23.00	1.216	-	-	0.03	0.634	0.771
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	26340	1880	21.23	22.00	1.194	-	-	-0.07	0.327	0.390
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	18900	1880	22.10	23.00	1.230	-	-	0.08	0.611	0.752
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	26340	1880	22.41	23.00	1.146	-	-	-0.11	0.050	0.057
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 10	26340	1880	21.45	22.00	1.135	-	-	-0.12	0.028	0.032
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	26340	1880	22.41	23.00	1.146	-	-	-0.01	0.561	0.643
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	26340	1880	21.45	22.00	1.135	-	-	-0.02	0.307	0.348
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	18900	1880	22.38	23.00	1.153	-	-	0.01	0.538	0.621
94	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	376500	1882.5	21.89	22.90	1.262	-	-	-0.11	1.020	1.287
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	376500	1882.5	21.78	22.90	1.294	-	-	-0.18	0.920	1.191
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	376500	1882.5	21.77	22.90	1.297	-	-	0.02	0.851	1.104
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 10	376500	1882.5	21.89	22.90	1.262	-	-	0.16	0.204	0.257
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 10	376500	1882.5	21.78	22.90	1.294	-	-	-0.03	0.182	0.236
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	376000	1880	22.02	22.90	1.225	-	-	0.08	0.808	0.989
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	Headset	DSI 10	376500	1882.5	21.89	22.90	1.262	-	-	0.03	0.989	1.248
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 2	-	DSI 4	376500	1882.5	23.36	24.00	1.159	-	-	-0.03	0.116	0.134
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2	-	DSI 4	376500	1882.5	23.36	24.00	1.159	-	-	0.07	0.041	0.048
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	376500	1882.5	21.75	22.90	1.303	-	-	0.07	0.907	1.182
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	376500	1882.5	21.72	22.90	1.312	-	-	-0.14	0.967	1.269
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	376500	1882.5	21.65	22.90	1.334	-	-	-0.06	0.899	1.199
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 10	376500	1882.5	21.75	22.90	1.303	-	-	0.01	0.184	0.240
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 10	376500	1882.5	21.72	22.90	1.312	-	-	-0.01	0.163	0.214
	FR1 n2_Other Path	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	376000	1880	21.83	22.90	1.279	-	-	-0.14	0.934	1.195
	FR1 n25_Code 2	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	376500	1882.5	21.72	22.90	1.312	-	-	-0.01	0.549	0.720
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 3	Headset	DSI 10	376500	1882.5	21.72	22.90	1.312	-	-	0.02	0.955	1.253
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 3	-	DSI 4	376500	1882.5	23.41	24.00	1.146	-	-	0.02	0.665	0.762
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 3	-	DSI 4	376500	1882.5	23.41	24.00	1.146	-	-	0.16	0.326	0.373
2300MHz																					
95	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	27710	2310	21.03	22.20	1.309	-	-	0.09	0.984	1.288
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 2	-	DSI 10	27710	2310	20.99	22.20	1.321	-	-	0.08	0.810	1.070
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	27710	2310	20.99	22.20	1.321	-	-	0.01	0.958	1.266
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 10	27710	2310	21.03	22.20	1.309	-	-	0.03	0.253	0.331
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 2	-	DSI 10	27710	2310	20.99	22.20	1.321	-	-	-0.08	0.241	0.318
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 2	Headset	DSI 10	27710	2310	21.03	22.20	1.309	-	-	0.09	0.957	1.253
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	27710	2310	21.03	22.20	1.309	-	-	0.06	0.922	1.207
	LTE Band 30	10M	QPSK	1	0	-	Front	10mm	Ant 2	-	DSI 4	27710	2310	22.76	24.00	1.330	-	-	0.13	0.682	0.907
	LTE Band 30	10M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	27710	2310	22.76	24.00	1.330	-	-	-0.18	0.435	0.579
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	27710	2310	21.18	22.00	1.208	-	-	-0.06	0.873	1.054
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 3	-	DSI 10	27710	2310	20.18	21.00	1.208	-	-	0.1	0.833	1.006
	LTE Band 30	10M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	27710	2310	20.15	21.00	1.216	-	-	0.02	0.810	0.985
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	27710	2310	21.18	22.00	1.208	-	-	-0.18	0.144	0.174
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 3	-	DSI 10	27710	2310	20.18	21.00	1.208	-	-	0.1	0.163	0.197
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	27710	2310	22.58	24.00	1.387	-	-	-0.05	0.266	0.369
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 0	-	DSI 10	27710	2310	21.62	23.00	1.374	-	-	0.18	0.275	0.378
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	27710	2310	22.58	24.00	1.387	-	-	0.14	0.863	1.197
	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 0	-	DSI 10	27710	2310	21.62	23.00	1.374	-	-	-0.17	0.829	1.139
	LTE Band 30	10M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	27710	2310	21.59	23.00	1.384	-	-	0.09	0.775	1.072
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	27710	2310	22.58	24.00	1.387	-	-	0.17	0.805	1.116
	LTE Band 30	10M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	27710	2310	20.85	22.00	1.303	-	-	-0.05	0.020	0.026
	LTE Band 30	10M	QPSK	25	0	-	Front	5mm	Ant 1	-	DSI 10	27710	2310	19.91	21.00	1.285	-	-	0.18	0.011	0.014
	LTE Band 30	10M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	27710	2310	20.85	22.00	1.303	-	-	0.01	0.218	0.284



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 30	10M	QPSK	25	0	-	Back	5mm	Ant 1	-	DSI 10	27710	2310	19.91	21.00	1.285	-	-	0.14	0.204	0.262
96	FR1 n30	10M	QPSK	1	1	-	Front	5mm	Ant 2	-	DSI 10	462000	2310	21.62	22.70	1.282	-	-	-0.08	0.995	1.276
	FR1 n30	10M	QPSK	25	14	-	Front	5mm	Ant 2	-	DSI 10	462000	2310	21.53	22.70	1.309	-	-	-0.04	0.945	1.237
	FR1 n30	10M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	462000	2310	21.49	22.70	1.321	-	-	-0.09	0.849	1.122
	FR1 n30	10M	QPSK	1	1	-	Back	5mm	Ant 2	-	DSI 10	462000	2310	21.62	22.70	1.282	-	-	-0.17	0.247	0.317
	FR1 n30	10M	QPSK	25	14	-	Back	5mm	Ant 2	-	DSI 10	462000	2310	21.53	22.70	1.309	-	-	-0.1	0.239	0.313
	FR1 n30_Other Path	10M	QPSK	1	1	-	Front	5mm	Ant 2	-	DSI 10	462000	2310	21.55	22.70	1.303	-	-	-0.03	0.849	1.106
	FR1 n30	10M	QPSK	1	1	-	Front	5mm	Ant 2	Headset	DSI 10	462000	2310	21.62	22.70	1.282	-	-	0.02	0.977	1.253
	FR1 n30	10M	QPSK	1	1	-	Front	10mm	Ant 2	-	DSI 4	462000	2310	23.09	24.00	1.233	-	-	0.07	0.318	0.392
	FR1 n30	10M	QPSK	1	1	-	Back	16mm	Ant 2	-	DSI 4	462000	2310	23.09	24.00	1.233	-	-	0.16	0.120	0.148
2600MHz																					
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	21100	2535	21.81	22.70	1.227	-	-	0.18	0.903	1.108
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	20850	2510	21.73	22.70	1.250	-	-	0.14	0.924	1.155
97	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	21350	2560	21.58	22.70	1.294	-	-	-0.15	0.998	1.292
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	21100	2535	21.79	22.70	1.233	-	-	-0.17	0.534	0.658
	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 10	21100	2535	21.73	22.70	1.250	-	-	0.01	0.564	0.705
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 10	21100	2535	21.81	22.70	1.227	-	-	0.1	0.282	0.346
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 10	21100	2535	21.79	22.70	1.233	-	-	-0.01	0.145	0.179
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	Headset	DSI 10	21350	2560	21.58	22.70	1.294	-	-	-0.15	0.976	1.263
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	21350	2560	21.58	22.70	1.294	-	-	0.14	0.964	1.248
	LTE Band 7C	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	21350+21152	2560+2540.2	21.45	22.70	1.334	-	-	0.02	0.891	1.188
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 2	-	DSI 4	21100	2535	22.73	24.00	1.340	-	-	-0.15	0.725	0.971
	LTE Band 7	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	21100	2535	22.73	24.00	1.340	-	-	0.02	0.377	0.505
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	21100	2535	23.12	24.00	1.225	-	-	0.08	0.871	1.067
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	20850	2510	23.08	24.00	1.236	-	-	-0.02	0.928	1.147
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	21350	2560	23.09	24.00	1.233	-	-	-0.17	0.909	1.121
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	21100	2535	22.14	23.00	1.219	-	-	-0.03	0.409	0.499
	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 10	21100	2535	22.10	23.00	1.230	-	-	0.14	0.355	0.437
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	21100	2535	23.12	24.00	1.225	-	-	0.11	0.135	0.165
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 10	21100	2535	22.14	23.00	1.219	-	-	-0.05	0.119	0.145
	LTE Band 7C	20M	QPSK	1	99	-	Front	5mm	Ant 3	-	DSI 10	20850+21048	2510+2529.8	22.48	24.00	1.419	-	-	0.03	0.716	1.016
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	21100	2535	22.25	23.00	1.189	-	-	0.08	0.399	0.474
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 10	21100	2535	21.31	22.00	1.172	-	-	0.01	0.257	0.301
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	21100	2535	22.25	23.00	1.189	-	-	0.01	0.559	0.664
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	21100	2535	21.31	22.00	1.172	-	-	0.03	0.359	0.421
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	21100	2535	22.25	23.00	1.189	-	-	-0.17	0.518	0.616
	LTE Band 7C	20M	QPSK	1	99	-	Back	5mm	Ant 0	-	DSI 10	21100+21298	2535+2554.8	22.13	23.00	1.222	-	-	0.06	0.510	0.623
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	21100	2535	23.02	24.00	1.253	-	-	-0.08	0.070	0.088
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 10	21100	2535	22.08	23.00	1.236	-	-	-0.08	0.066	0.082
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	21100	2535	23.02	24.00	1.253	-	-	-0.15	0.573	0.718
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	21100	2535	22.08	23.00	1.236	-	-	0.1	0.519	0.641
	LTE Band 7C	20M	QPSK	1	99	-	Back	5mm	Ant 1	-	DSI 10	21100+21298	2535+2554.8	22.98	24.00	1.265	-	-	0.03	0.552	0.698
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	40620	2593	23.05	24.10	1.274	62.9	1.006	0.05	0.780	0.999
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	39750	2506	22.89	24.10	1.321	62.9	1.006	-0.09	0.780	1.037
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	40185	2549.5	22.97	24.10	1.297	62.9	1.006	-0.08	0.847	1.105
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	41055	2636.5	22.92	24.10	1.312	62.9	1.006	0.01	0.975	1.287
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	41490	2680	22.91	24.10	1.315	62.9	1.006	0.13	0.780	1.032
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	40620	2593	22.95	24.00	1.274	62.9	1.006	0.12	0.741	0.949
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	39750	2506	22.80	24.00	1.318	62.9	1.006	0.18	0.660	0.875
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	40185	2549.5	22.90	24.00	1.288	62.9	1.006	0.16	0.728	0.943
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	41055	2636.5	22.85	24.00	1.303	62.9	1.006	-0.1	0.802	1.051
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	-	DSI 10	41490	2680	22.78	24.00	1.324	62.9	1.006	0.07	0.743	0.990
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 2	-	DSI 10	40620	2593	22.90	24.00	1.288	62.9	1.006	0.18	0.758	0.982
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	-	DSI 10	40620	2593	23.05	24.10	1.274	62.9	1.006	-0.1	0.229	0.293
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	-	DSI 10	40620	2593	22.95	24.00	1.274	62.9	1.006	0.01	0.202	0.259



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 2	-	DSI 10	41055+41253	2636.5+2656.3	24.94	25.70	1.191	42.9	1.009	-0.05	1.050	1.262
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	Headset	DSI 10	41055	2636.5	22.92	24.10	1.312	62.9	1.006	0.02	0.956	1.262
	LTE Band 41C	20M	QPSK	1	99	-	Front	5mm	Ant 2	-	DSI 10	41055+41253	2636.5+2656.3	22.74	24.10	1.368	62.9	1.006	-0.08	0.855	1.176
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Front	5mm	Ant 2	-	DSI 10	41055+41253	2636.5+2656.3	24.78	25.70	1.236	42.9	1.009	0.1	0.922	1.150
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 2	-	DSI 4	40620	2593	23.98	25.00	1.265	62.9	1.006	0.16	0.461	0.587
	LTE Band 41	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	40620	2593	23.98	25.00	1.265	62.9	1.006	0.05	0.200	0.254
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	10mm	Ant 2	-	DSI 4	40620	2593	26.00	27.00	1.259	42.9	1.009	0.05	0.521	0.662
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	16mm	Ant 2	-	DSI 4	40620	2593	26.00	27.00	1.259	42.9	1.009	-0.03	0.293	0.372
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	40620	2593	21.75	22.80	1.274	62.9	1.006	-0.15	0.895	1.147
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	39750	2506	21.56	22.80	1.330	62.9	1.006	0.07	0.849	1.136
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	40185	2549.5	21.53	22.80	1.340	62.9	1.006	-0.18	0.894	1.205
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	41055	2636.5	21.56	22.80	1.330	62.9	1.006	0.03	0.869	1.163
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	41490	2680	21.45	22.80	1.365	62.9	1.006	0.02	0.936	1.285
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	40620	2593	21.73	22.80	1.279	62.9	1.006	-0.15	0.412	0.530
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 10	40620	2593	21.71	22.80	1.285	62.9	1.006	-0.04	0.426	0.551
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	40620	2593	21.75	22.80	1.274	62.9	1.006	-0.08	0.081	0.104
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 10	40620	2593	21.73	22.80	1.279	62.9	1.006	0.17	0.071	0.091
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	41490	2680	23.13	24.40	1.340	42.9	1.009	0.02	0.936	1.265
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	Headset	DSI 10	41490	2680	21.45	22.80	1.365	62.9	1.006	0.01	0.911	1.251
	LTE Band 41C	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	41490+41292	2680+2660.2	21.30	22.80	1.413	62.9	1.006	-0.18	0.835	1.187
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	41490+41292	2680+2660.2	23.04	24.40	1.368	42.9	1.009	0.1	0.861	1.188
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 3	-	DSI 4	40620	2593	24.26	25.00	1.186	62.9	1.006	-0.09	0.456	0.544
	LTE Band 41	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	40620	2593	24.26	25.00	1.186	62.9	1.006	0.11	0.208	0.248
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	10mm	Ant 3	-	DSI 4	40620	2593	26.19	27.00	1.205	42.9	1.009	-0.05	0.519	0.631
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	40620	2593	26.19	27.00	1.205	42.9	1.009	-0.08	0.255	0.310
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 0	-	DSI 10	40620	2593	23.45	24.00	1.135	62.9	1.006	0.18	0.072	0.082
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 0	-	DSI 10	40620	2593	22.50	23.00	1.122	62.9	1.006	-0.04	0.053	0.060
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	40620	2593	23.45	24.00	1.135	62.9	1.006	-0.07	0.278	0.317
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 0	-	DSI 10	40620	2593	22.50	23.00	1.122	62.9	1.006	-0.08	0.175	0.198
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 0	-	DSI 10	40620	2593	25.50	27.00	1.413	42.9	1.009	-0.01	0.295	0.420
	LTE Band 41C	20M	QPSK	1	99	-	Back	5mm	Ant 0	-	DSI 10	40620+40818	2593+2612.8	23.35	24.00	1.161	62.9	1.006	0.12	0.211	0.247
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Back	5mm	Ant 0	-	DSI 10	40620+40818	2593+2612.8	25.37	27.00	1.455	42.9	1.009	0.08	0.223	0.327
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 1	-	DSI 10	40620	2593	23.96	25.00	1.271	62.9	1.006	-0.13	0.130	0.166
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 1	-	DSI 10	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.13	0.116	0.147
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	40620	2593	23.96	25.00	1.271	62.9	1.006	0.06	0.532	0.680
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	39750	2506	23.85	25.00	1.303	62.9	1.006	0.08	0.512	0.671
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	40185	2549.5	23.81	25.00	1.315	62.9	1.006	0.01	0.489	0.647
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	41055	2636.5	23.94	25.00	1.276	62.9	1.006	0.03	0.495	0.636
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	41490	2680	23.88	25.00	1.294	62.9	1.006	-0.08	0.481	0.626
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 1	-	DSI 10	40620	2593	23.00	24.00	1.259	62.9	1.006	0.05	0.308	0.390
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 1	-	DSI 10	40620	2593	22.99	24.00	1.262	62.9	1.006	0.06	0.302	0.383
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	5mm	Ant 1	-	DSI 10	40620	2593	26.02	27.00	1.253	42.9	1.009	0.04	0.591	0.747
	LTE Band 41C	20M	QPSK	1	99	-	Back	5mm	Ant 1	-	DSI 10	40620+40818	2593+2612.8	23.84	25.00	1.306	62.9	1.006	-0.17	0.442	0.581
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Back	5mm	Ant 1	-	DSI 10	40620+40818	2593+2612.8	25.87	27.00	1.297	42.9	1.009	-0.03	0.511	0.669
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	507000	2535	21.49	22.70	1.321	-	-	0.18	0.916	1.210
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	507000	2535	21.48	22.70	1.324	-	-	-0.07	0.970	1.285
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	507000	2535	21.30	22.70	1.380	-	-	-0.17	0.721	0.995
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 10	507000	2535	21.49	22.70	1.321	-	-	-0.04	0.239	0.316
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 2	-	DSI 10	507000	2535	21.48	22.70	1.324	-	-	-0.05	0.245	0.324
	FR1 n7_Other Path	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 2	-	DSI 10	507000	2535	21.02	22.70	1.472	-	-	-0.18	0.857	1.262
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 2	Headset	DSI 10	507000	2535	21.48	22.70	1.324	-	-	0.02	0.946	1.253
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 2	-	DSI 4	507000	2535	23.49	24.00	1.125	-	-	-0.02	0.360	0.405
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2	-	DSI 4	507000	2535	23.49	24.00	1.125	-	-	0.15	0.170	0.191
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	507000	2535	23.51	24.00	1.119	-	-	0.05	0.858	0.960



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	507000	2535	23.33	24.00	1.167	-	-	-0.14	0.882	1.029
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	507000	2535	22.53	23.00	1.114	-	-	-0.13	0.747	0.832
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 10	507000	2535	23.51	24.00	1.119	-	-	-0.01	0.214	0.240
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 3	-	DSI 10	507000	2535	23.33	24.00	1.167	-	-	-0.09	0.224	0.261
	FR1 n7_Code 2	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 3	-	DSI 10	507000	2535	23.33	24.00	1.167	-	-	-0.09	0.976	1.139
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 10	518598	2592.99	22.69	23.70	1.262	-	-	-0.09	0.977	1.233
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 10	518598	2592.99	22.48	23.70	1.324	-	-	0.02	0.923	1.222
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 10	518598	2592.99	22.04	23.00	1.247	-	-	-0.13	0.932	1.163
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI 10	518598	2592.99	22.69	23.70	1.262	-	-	0.17	0.241	0.304
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	-	DSI 10	518598	2592.99	22.48	23.70	1.324	-	-	0.06	0.223	0.295
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	-	DSI 10	518598	2592.99	25.38	26.70	1.355	50	1.000	-0.12	0.949	1.286
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	Headset	DSI 10	518598	2592.99	25.38	26.70	1.355	50	1.000	-0.12	0.916	1.241
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 2	-	DSI 4	518598	2592.99	23.65	24.00	1.084	-	-	-0.11	0.394	0.427
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2	-	DSI 4	518598	2592.99	23.65	24.00	1.084	-	-	-0.12	0.172	0.186
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 2	-	DSI 4	518598	2592.99	26.35	27.00	1.161	50	1.000	0.03	0.387	0.449
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2	-	DSI 4	518598	2592.99	26.35	27.00	1.161	50	1.000	-0.16	0.186	0.216
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	518598	2592.99	22.70	23.40	1.175	-	-	-0.14	1.070	1.257
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	518598	2592.99	22.65	23.40	1.189	-	-	-0.02	0.919	1.092
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	518598	2592.99	22.57	23.40	1.211	-	-	-0.04	0.898	1.087
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 10	518598	2592.99	22.70	23.40	1.175	-	-	-0.15	0.268	0.315
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 10	518598	2592.99	22.65	23.40	1.189	-	-	0.11	0.183	0.217
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	518598	2592.99	25.66	26.40	1.186	50	1.000	0.01	1.070	1.269
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	Headset	DSI 10	518598	2592.99	25.66	26.40	1.186	50	1.000	0.01	1.030	1.221
	FR1 n41 HPUE_Code2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	518598	2592.99	25.66	26.40	1.186	50	1.000	0.08	0.963	1.142
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3	-	DSI 4	518598	2592.99	23.67	24.50	1.211	-	-	-0.03	0.597	0.723
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	518598	2592.99	23.67	24.50	1.211	-	-	0.08	0.279	0.338
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3	-	DSI 4	518598	2592.99	26.69	27.50	1.205	50	1.000	-0.07	0.600	0.723
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	518598	2592.99	26.69	27.50	1.205	50	1.000	0.05	0.284	0.342
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0	-	DSI 10	518598	2592.99	23.49	24.00	1.125	-	-	0.1	0.282	0.317
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0	-	DSI 10	518598	2592.99	23.25	24.00	1.189	-	-	0.04	0.134	0.159
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0	-	DSI 10	518598	2592.99	23.49	24.00	1.125	-	-	0.13	0.386	0.434
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	-	DSI 10	518598	2592.99	23.25	24.00	1.189	-	-	-0.08	0.437	0.519
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0	-	DSI 10	518598	2592.99	26.36	27.00	1.159	50	1.000	0.01	0.423	0.490
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 1	-	DSI 10	518598	2592.99	23.39	24.00	1.151	-	-	-0.05	0.165	0.190
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 1	-	DSI 10	518598	2592.99	23.26	24.00	1.186	-	-	0.01	0.194	0.230
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 10	518598	2592.99	23.39	24.00	1.151	-	-	0.1	0.801	0.922
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 10	518598	2592.99	23.26	24.00	1.186	-	-	-0.17	0.694	0.823
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 10	518598	2592.99	22.23	23.00	1.194	-	-	0.05	0.589	0.703
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 1	-	DSI 10	518598	2592.99	26.26	27.00	1.186	50	1.000	0.04	0.798	0.946
3500-3900MHz																					
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	42590	3500	22.95	24.00	1.274	62.9	1.006	0.15	0.765	0.980
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	42190	3460	22.93	24.00	1.279	62.9	1.006	-0.09	0.842	1.084
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	42990	3540	22.92	24.00	1.282	62.9	1.006	0.01	0.931	1.201
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 10	42590	3500	21.99	23.00	1.262	62.9	1.006	0.11	0.519	0.659
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	5mm	Ant 4	-	DSI 10	42590	3500	21.95	23.00	1.274	62.9	1.006	0.16	0.478	0.612
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 10	42590	3500	22.95	24.00	1.274	62.9	1.006	0.05	0.113	0.145
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 10	42590	3500	21.99	23.00	1.262	62.9	1.006	0.05	0.076	0.096
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	Headset	DSI 10	42990	3540	22.92	24.00	1.282	62.9	1.006	0.03	0.918	1.184
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	42990+42792	3540+3520.2	22.71	24.00	1.346	62.9	1.006	0.02	0.878	1.189
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	42590	3500	23.02	24.00	1.253	62.9	1.006	0.01	0.821	1.035
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	42190	3460	22.95	24.00	1.274	62.9	1.006	0.03	0.824	1.056
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	42990	3540	22.91	24.00	1.285	62.9	1.006	0.03	0.959	1.240
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 10	42590	3500	22.06	23.00	1.242	62.9	1.006	-0.08	0.537	0.671
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	5mm	Ant 8	-	DSI 10	42590	3500	22.05	23.00	1.245	62.9	1.006	-0.18	0.590	0.739
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 10	42590	3500	23.02	24.00	1.253	62.9	1.006	0.1	0.160	0.202
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 10	42590	3500	22.06	23.00	1.242	62.9	1.006	0.12	0.106	0.132



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	Headset	DSI 10	42990	3540	22.91	24.00	1.285	62.9	1.006	0.01	0.922	1.192
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	42990+42792	3540+3520.2	22.83	24.00	1.309	62.9	1.006	0.06	0.879	1.158
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	42590	3500	21.93	22.80	1.222	62.9	1.006	0.08	0.993	1.221
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	42190	3460	21.89	22.80	1.233	62.9	1.006	0.02	1.040	1.290
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	42990	3540	21.86	22.80	1.242	62.9	1.006	-0.17	0.905	1.130
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	42590	3500	20.91	22.00	1.285	62.9	1.006	-0.03	0.601	0.777
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 10	42590	3500	20.90	22.00	1.288	62.9	1.006	-0.05	0.509	0.660
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	42590	3500	21.93	22.80	1.222	62.9	1.006	0.18	0.164	0.202
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 10	42590	3500	20.91	22.00	1.285	62.9	1.006	0.14	0.117	0.151
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 3	Headset	DSI 10	42190	3460	21.89	22.80	1.233	62.9	1.006	0.06	1.000	1.241
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Front	5mm	Ant 3	-	DSI 10	42190+42388	3460+3479.8	21.78	22.80	1.265	62.9	1.006	0.06	0.921	1.172
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	10mm	Ant 3	-	DSI 4	42590	3500	21.93	23.00	1.279	62.9	1.006	0.06	0.288	0.371
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	16mm	Ant 3	-	DSI 4	42590	3500	21.93	23.00	1.279	62.9	1.006	-0.03	0.127	0.163
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 10	42590	3500	22.13	23.00	1.222	62.9	1.006	0.17	0.712	0.875
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 10	42190	3460	22.08	23.00	1.236	62.9	1.006	-0.05	0.706	0.878
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 10	42990	3540	22.05	23.00	1.245	62.9	1.006	0.02	0.806	1.009
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	5mm	Ant 5	-	DSI 10	42590	3500	21.18	22.00	1.208	62.9	1.006	0.01	0.528	0.642
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	5mm	Ant 5	-	DSI 10	42590	3500	21.16	22.00	1.213	62.9	1.006	0.1	0.499	0.609
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 10	42590	3500	22.13	23.00	1.222	62.9	1.006	-0.17	0.185	0.227
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	5mm	Ant 5	-	DSI 10	42590	3500	21.18	22.00	1.208	62.9	1.006	0.04	0.119	0.145
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 10	42990+42792	3540+3520.2	21.97	23.00	1.268	62.9	1.006	0.02	0.751	0.958
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	55830	3609	23.11	24.10	1.256	62.9	1.006	0.01	0.911	1.151
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	55340	3560	22.97	24.10	1.297	62.9	1.006	0.03	0.787	1.027
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	56150	3641	23.09	24.10	1.262	62.9	1.006	0.05	1.010	1.282
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	-	DSI 10	56640	3690	23.08	24.10	1.265	62.9	1.006	-0.08	0.973	1.238
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 10	55830	3609	23.08	24.00	1.236	62.9	1.006	-0.08	0.618	0.768
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 10	55340	3560	22.86	24.00	1.300	62.9	1.006	0.1	0.595	0.778
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 10	56150	3641	22.97	24.00	1.268	62.9	1.006	-0.18	0.566	0.722
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 4	-	DSI 10	56640	3690	22.98	24.00	1.265	62.9	1.006	0.1	0.529	0.673
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 4	-	DSI 10	55830	3609	23.05	24.00	1.245	62.9	1.006	0.12	0.547	0.685
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 4	-	DSI 10	55830	3609	23.11	24.10	1.256	62.9	1.006	0.08	0.245	0.310
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 4	-	DSI 10	55830	3609	23.08	24.00	1.236	62.9	1.006	-0.17	0.148	0.184
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 4	Headset	DSI 10	56150	3641	23.09	24.10	1.262	62.9	1.006	0.02	0.985	1.250
	LTE Band 48C	20M	QPSK	1	99	-	Front	5mm	Ant 4	-	DSI 10	56150+56348	3641+3660.8	22.96	24.10	1.300	62.9	1.006	0.01	0.912	1.193
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 4	-	DSI 4	55830	3609	23.87	25.00	1.297	62.9	1.006	-0.13	0.662	0.864
	LTE Band 48	20M	QPSK	1	0	-	Back	16mm	Ant 4	-	DSI 4	55830	3609	23.87	25.00	1.297	62.9	1.006	-0.13	0.286	0.373
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	55830	3609	20.75	22.00	1.334	62.9	1.006	-0.03	0.788	1.057
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	55340	3560	20.62	22.00	1.374	62.9	1.006	0.14	0.820	1.133
98	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	56150	3641	20.57	22.00	1.390	62.9	1.006	0.05	0.925	1.293
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	-	DSI 10	56640	3690	20.63	22.00	1.371	62.9	1.006	0.11	0.913	1.259
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 10	55830	3609	20.71	22.00	1.346	62.9	1.006	-0.05	0.589	0.797
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 10	55340	3560	20.61	22.00	1.377	62.9	1.006	0.18	0.581	0.805
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 10	56150	3641	20.55	22.00	1.396	62.9	1.006	0.14	0.557	0.782
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	-	DSI 10	56640	3690	20.55	22.00	1.396	62.9	1.006	-0.17	0.550	0.773
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 8	-	DSI 10	55830	3609	20.65	22.00	1.365	62.9	1.006	0.17	0.549	0.754
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	-	DSI 10	55830	3609	20.75	22.00	1.334	62.9	1.006	-0.05	0.160	0.215
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	-	DSI 10	55830	3609	20.71	22.00	1.346	62.9	1.006	0.01	0.098	0.133
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	Headset	DSI 10	56150	3641	20.57	22.00	1.390	62.9	1.006	0.03	0.908	1.270
	LTE Band 48C	20M	QPSK	1	99	-	Front	5mm	Ant 8	-	DSI 10	56150+56348	3641+3660.8	20.43	22.00	1.435	62.9	1.006	0.06	0.821	1.186
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 8	-	DSI 4	55830	3609	23.66	24.00	1.081	62.9	1.006	-0.04	0.658	0.716
	LTE Band 48	20M	QPSK	1	0	-	Back	16mm	Ant 8	-	DSI 4	55830	3609	23.66	24.00	1.081	62.9	1.006	-0.08	0.321	0.349
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	55830	3609	23.51	24.00	1.119	62.9	1.006	0.1	0.681	0.767
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	55340	3560	23.49	24.00	1.125	62.9	1.006	0.02	0.755	0.854
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	56150	3641	23.45	24.00	1.135	62.9	1.006	-0.17	0.746	0.852
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 3	-	DSI 10	56640	3690	23.43	24.00	1.140	62.9	1.006	0.04	0.673	0.772



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 3	-	DSI 10	55830	3609	22.56	23.00	1.107	62.9	1.006	-0.01	0.394	0.439
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 3	-	DSI 10	55830	3609	22.54	23.00	1.112	62.9	1.006	-0.08	0.311	0.348
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 3	-	DSI 10	55830	3609	23.51	24.00	1.119	62.9	1.006	0.05	0.225	0.253
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 3	-	DSI 10	55830	3609	22.56	23.00	1.107	62.9	1.006	0.06	0.138	0.154
	LTE Band 48C	20M	QPSK	1	99	-	Front	5mm	Ant 3	-	DSI 10	55340+55538	3560+3579.8	23.41	24.00	1.146	62.9	1.006	0.01	0.712	0.820
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 10	55830	3609	22.63	24.00	1.371	62.9	1.006	-0.09	0.699	0.964
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 10	55340	3560	22.57	24.00	1.390	62.9	1.006	0.06	0.788	1.102
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 10	56150	3641	22.52	24.00	1.406	62.9	1.006	-0.08	0.691	0.977
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 5	-	DSI 10	56640	3690	22.60	24.00	1.380	62.9	1.006	0.13	0.704	0.978
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 5	-	DSI 10	55830	3609	21.63	23.00	1.371	62.9	1.006	0.12	0.413	0.570
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 5	-	DSI 10	55830	3609	21.61	23.00	1.377	62.9	1.006	-0.1	0.388	0.538
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 5	-	DSI 10	55830	3609	22.63	24.00	1.371	62.9	1.006	0.07	0.182	0.251
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 5	-	DSI 10	55830	3609	21.63	23.00	1.371	62.9	1.006	0.18	0.115	0.159
	LTE Band 48C	20M	QPSK	1	99	-	Front	5mm	Ant 5	-	DSI 10	55340+55538	3560+3579.8	22.45	24.00	1.429	62.9	1.006	0.02	0.716	1.029
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10	641666	3624.99	21.53	22.70	1.309	-	-	-0.06	0.931	1.219
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10	638000	3570	21.39	22.70	1.352	-	-	0.06	0.875	1.183
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10	645332	3679.98	21.38	22.70	1.355	-	-	0.02	0.899	1.218
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10	641666	3624.99	21.50	22.70	1.318	-	-	-0.07	0.975	1.285
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10	638000	3570	21.39	22.70	1.352	-	-	0.12	0.946	1.279
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10	645332	3679.98	21.39	22.70	1.352	-	-	-0.16	0.928	1.255
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10	641666	3624.99	21.47	22.70	1.327	-	-	-0.14	0.816	1.083
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 10	641666	3624.99	21.53	22.70	1.309	-	-	-0.19	0.138	0.181
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 10	641666	3624.99	21.50	22.70	1.318	-	-	0.01	0.213	0.281
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	Headset	DSI 10	641666	3624.99	21.50	22.70	1.318	-	-	-0.07	0.946	1.247
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4	-	DSI 4	641666	3624.99	23.51	24.00	1.119	-	-	0.17	0.467	0.523
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4	641666	3624.99	23.51	24.00	1.119	-	-	0.18	0.194	0.217
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10	641666	3624.99	20.39	21.60	1.321	-	-	-0.12	0.903	1.193
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10	638000	3570	20.15	21.60	1.396	-	-	-0.13	0.846	1.181
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10	645332	3679.98	20.20	21.60	1.380	-	-	0.08	0.857	1.183
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10	641666	3624.99	20.38	21.60	1.324	-	-	-0.02	0.972	1.287
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10	638000	3570	20.14	21.60	1.400	-	-	0.16	0.911	1.275
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10	645332	3679.98	20.22	21.60	1.374	-	-	0.01	0.926	1.272
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10	641666	3624.99	20.25	21.60	1.365	-	-	0.07	0.824	1.124
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 10	641666	3624.99	20.39	21.60	1.321	-	-	-0.02	0.066	0.087
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 10	641666	3624.99	20.38	21.60	1.324	-	-	-0.05	0.084	0.111
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	Headset	DSI 10	641666	3624.99	20.38	21.60	1.324	-	-	-0.02	0.966	1.279
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	-	DSI 4	641666	3624.99	23.99	24.50	1.125	-	-	-0.04	0.698	0.785
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4	641666	3624.99	23.99	24.50	1.125	-	-	-0.08	0.346	0.389
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	641666	3624.99	23.70	24.50	1.202	-	-	0.01	0.995	1.196
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	638000	3570	23.62	24.50	1.225	-	-	0.03	0.948	1.161
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	645332	3679.98	23.68	24.50	1.208	-	-	-0.11	0.953	1.151
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	641666	3624.99	23.62	24.50	1.225	-	-	-0.16	0.871	1.067
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	638000	3570	23.47	24.50	1.268	-	-	-0.06	0.823	1.043
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	645332	3679.98	23.51	24.50	1.256	-	-	-0.15	0.831	1.044
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	641666	3624.99	22.74	23.50	1.191	-	-	0.1	0.877	1.045
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 10	641666	3624.99	23.70	24.50	1.202	-	-	-0.04	0.342	0.411
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 10	641666	3624.99	23.62	24.50	1.225	-	-	-0.01	0.300	0.367
	FR1 n48_Code 2	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	641666	3624.99	23.70	24.50	1.202	-	-	0.03	0.959	1.153
	FR1 n48_Code 3	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	641666	3624.99	23.70	24.50	1.202	-	-	0.05	0.916	1.101
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	641666	3624.99	23.63	24.00	1.089	-	-	-0.09	1.050	1.143
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	638000	3570	23.58	24.00	1.102	-	-	-0.09	1.000	1.102
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	645332	3679.98	23.60	24.00	1.096	-	-	0.14	1.020	1.118
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	641666	3624.99	23.61	24.00	1.094	-	-	-0.13	0.960	1.050
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	638000	3570	23.49	24.00	1.125	-	-	0.1	0.942	1.059
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	645332	3679.98	23.53	24.00	1.114	-	-	-0.09	0.938	1.045
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	641666	3624.99	22.67	23.00	1.079	-	-	0.16	0.876	0.945



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 10641666	3624.99	23.63	24.00	1.089	-	-	-0.15	0.234	0.255
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 10641666	3624.99	23.61	24.00	1.094	-	-	-0.02	0.230	0.252
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10656000	3840	22.06	23.10	1.271	-	-	0.02	1.000	1.271
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10656000	3840	22.01	23.10	1.285	-	-	0.07	0.901	1.158
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10656000	3840	21.97	23.00	1.268	-	-	-0.09	0.870	1.103
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 10656000	3840	22.06	23.10	1.271	-	-	-0.16	0.724	0.920
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 10656000	3840	22.01	23.10	1.285	-	-	-0.18	0.669	0.860
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 10656000	3840	21.97	23.00	1.268	-	-	-0.07	0.634	0.804
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10656000	3840	25.03	26.10	1.279	50	1.000	0.12	0.958	1.226
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	Headset	DSI 10656000	3840	22.06	23.10	1.271	-	-	0.02	0.985	1.252
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4	-	DSI 4656000	3840	23.54	24.00	1.112	-	-	0.1	0.964	1.072
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4656000	3840	23.54	24.00	1.112	-	-	0.12	0.453	0.504
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4	-	DSI 4656000	3840	26.55	27.00	1.109	50	1.000	0.08	1.010	1.120
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4656000	3840	26.55	27.00	1.109	50	1.000	-0.17	0.460	0.510
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10633334	3500.01	22.12	23.10	1.253	-	-	-0.08	0.918	1.150
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10633334	3500.01	22.05	23.10	1.274	-	-	0.11	0.900	1.146
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10633334	3500.01	21.92	23.00	1.282	-	-	-0.08	0.863	1.107
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 10633334	3500.01	22.12	23.10	1.253	-	-	-0.1	0.597	0.748
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	-	DSI 10633334	3500.01	22.05	23.10	1.274	-	-	-0.01	0.584	0.744
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	-	DSI 10633334	3500.01	25.21	26.10	1.227	50	1.000	-0.02	0.913	1.121
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4	-	DSI 4633334	3500.01	23.60	24.00	1.096	-	-	-0.03	0.543	0.595
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4633334	3500.01	23.60	24.00	1.096	-	-	0.14	0.215	0.236
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4	-	DSI 4633334	3500.01	26.79	27.00	1.050	50	1.000	0.11	0.604	0.634
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4	-	DSI 4633334	3500.01	26.79	27.00	1.050	50	1.000	-0.05	0.245	0.257
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10656000	3840	21.51	22.40	1.227	-	-	-0.09	1.000	1.227
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10656000	3840	21.49	22.40	1.233	-	-	0.04	1.030	1.270
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10656000	3840	21.45	22.40	1.245	-	-	-0.06	0.888	1.105
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 10656000	3840	21.51	22.40	1.227	-	-	-0.17	0.288	0.354
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 10656000	3840	21.49	22.40	1.233	-	-	-0.01	0.228	0.281
	FR1 n77 Part 270 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10656000	3840	24.55	25.40	1.216	50	1.000	0.04	0.947	1.152
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	Headset	DSI 10656000	3840	21.49	22.40	1.233	-	-	0.06	1.000	1.233
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	-	DSI 4656000	3840	23.67	24.00	1.079	-	-	0.18	0.633	0.683
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4656000	3840	23.67	24.00	1.079	-	-	0.14	0.306	0.330
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	-	DSI 4656000	3840	26.65	27.00	1.084	50	1.000	-0.17	0.603	0.654
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4656000	3840	26.65	27.00	1.084	50	1.000	0.17	0.314	0.340
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10633334	3500.01	21.56	22.40	1.213	-	-	0.09	0.826	1.002
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10633334	3500.01	21.50	22.40	1.230	-	-	-0.11	0.765	0.941
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10633334	3500.01	21.43	22.40	1.250	-	-	0.14	0.738	0.923
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 10633334	3500.01	21.56	22.40	1.213	-	-	0.03	0.200	0.243
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	-	DSI 10633334	3500.01	21.50	22.40	1.230	-	-	0.1	0.129	0.159
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	-	DSI 10633334	3500.01	24.49	25.40	1.233	50	1.000	0.06	0.878	1.083
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	-	DSI 4633334	3500.01	23.59	24.00	1.099	-	-	-0.05	0.441	0.485
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4633334	3500.01	23.59	24.00	1.099	-	-	0.01	0.233	0.256
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	-	DSI 4633334	3500.01	26.53	27.00	1.114	50	1.000	0.1	0.455	0.507
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 8	-	DSI 4633334	3500.01	26.53	27.00	1.114	50	1.000	-0.17	0.234	0.261
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10656000	3840	22.60	23.50	1.230	-	-	0.02	0.794	0.977
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10656000	3840	22.53	23.50	1.250	-	-	0.16	0.773	0.966
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10656000	3840	22.06	23.00	1.242	-	-	-0.06	0.722	0.896
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 10656000	3840	22.60	23.50	1.230	-	-	0.02	0.247	0.304
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 10656000	3840	22.53	23.50	1.250	-	-	-0.16	0.234	0.293
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10656000	3840	25.52	26.50	1.253	50	1.000	-0.19	0.766	0.960
	FR1 n77 Part 270_Code2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10656000	3840	22.60	23.50	1.230	-	-	-0.06	0.774	0.952
	FR1 n77 Part 270_Code3	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10656000	3840	22.60	23.50	1.230	-	-	-0.08	0.788	0.969
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3	-	DSI 4656000	3840	23.58	24.00	1.102	-	-	0.04	0.513	0.565
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4656000	3840	23.58	24.00	1.102	-	-	-0.01	0.153	0.169
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3	-	DSI 4656000	3840	26.48	27.00	1.127	50	1.000	-0.08	0.525	0.592



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	656000	3840	26.48	27.00	1.127	50	1.000	0.05	0.147	0.166
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	633334	3500.01	22.58	23.50	1.236	-	-	-0.04	0.991	1.225
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	633334	3500.01	22.48	23.50	1.265	-	-	0.05	0.930	1.176
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	633334	3500.01	21.92	23.00	1.282	-	-	-0.03	0.839	1.076
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 10	633334	3500.01	22.58	23.50	1.236	-	-	0.17	0.175	0.216
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	-	DSI 10	633334	3500.01	22.48	23.50	1.265	-	-	-0.15	0.217	0.274
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	633334	3500.01	25.55	26.50	1.245	50	1.000	-0.09	1.020	1.269
	FR1 n77 Part 27Q HPUE_Code2	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	633334	3500.01	25.55	26.50	1.245	50	1.000	-0.08	0.888	1.105
	FR1 n77 Part 27Q HPUE_Code3	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	-	DSI 10	633334	3500.01	25.55	26.50	1.245	50	1.000	-0.17	0.781	0.972
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	Headset	DSI 10	633334	3500.01	25.55	26.50	1.245	50	1.000	0.02	0.998	1.242
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3	-	DSI 4	633334	3500.01	23.54	24.00	1.112	-	-	0.06	0.624	0.694
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	633334	3500.01	23.54	24.00	1.112	-	-	-0.09	0.293	0.326
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3	-	DSI 4	633334	3500.01	26.53	27.00	1.114	50	1.000	-0.08	0.654	0.729
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3	-	DSI 4	633334	3500.01	26.53	27.00	1.114	50	1.000	0.13	0.276	0.308
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	656000	3840	22.79	23.60	1.205	-	-	0.05	0.797	0.960
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	656000	3840	22.73	23.60	1.223	-	-	0.16	0.759	0.928
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	656000	3840	22.15	23.00	1.216	-	-	0.05	0.767	0.933
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 10	656000	3840	22.79	23.60	1.205	-	-	-0.06	0.555	0.669
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 10	656000	3840	22.73	23.60	1.223	-	-	-0.13	0.384	0.470
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	656000	3840	25.51	26.60	1.285	50	1.000	0.07	0.751	0.965
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 5	-	DSI 4	656000	3840	19.32	20.40	1.282	-	-	0.12	0.211	0.271
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 5	-	DSI 4	656000	3840	19.32	20.40	1.282	-	-	0.03	0.105	0.135
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 5	-	DSI 4	656000	3840	22.31	23.40	1.285	50	1.000	0.18	0.199	0.256
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 5	-	DSI 4	656000	3840	22.31	23.40	1.285	50	1.000	0.16	0.108	0.139
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	633334	3500.01	22.89	23.60	1.178	-	-	-0.11	0.903	1.063
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	633334	3500.01	22.85	23.60	1.189	-	-	-0.02	1.010	1.200
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	633334	3500.01	22.11	23.00	1.227	-	-	0.19	0.928	1.139
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 10	633334	3500.01	22.89	23.60	1.178	-	-	-0.14	0.140	0.165
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	-	DSI 10	633334	3500.01	22.85	23.60	1.189	-	-	-0.18	0.214	0.254
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	-	DSI 10	633334	3500.01	25.52	26.60	1.282	50	1.000	0.01	0.994	1.275
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	Headset	DSI 10	633334	3500.01	25.52	26.60	1.282	50	1.000	0.06	0.978	1.254
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 5	-	DSI 4	633334	3500.01	19.37	20.40	1.268	-	-	-0.1	0.173	0.219
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 5	-	DSI 4	633334	3500.01	19.37	20.40	1.268	-	-	0.07	0.083	0.105
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 5	-	DSI 4	633334	3500.01	22.35	23.40	1.274	50	1.000	0.18	0.172	0.219
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 5	-	DSI 4	633334	3500.01	22.35	23.40	1.274	50	1.000	-0.1	0.082	0.104

<Close UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 10	376500	1882.5	21.83	23.30	1.403	-	-	0.18	0.901	1.264
	FR1 n25	45M	QPSK	120	0	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 10	376500	1882.5	21.80	23.30	1.413	-	-	0.18	0.838	1.184
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 10	376500	1882.5	21.77	23.30	1.422	-	-	-0.11	0.811	1.153
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 10	376500	1882.5	21.83	23.30	1.403	-	-	0.14	0.268	0.376
	FR1 n25	45M	QPSK	120	0	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 10	376500	1882.5	21.80	23.30	1.413	-	-	0.01	0.194	0.274
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	Headset	DSI 10	376500	1882.5	21.83	23.30	1.403	-	-	0.03	0.895	1.256
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 2+3	-	DSI 4	376500	1882.5	26.40	27.00	1.148	-	-	-0.17	0.151	0.173
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2+3	-	DSI 4	376500	1882.5	26.40	27.00	1.148	-	-	-0.1	0.098	0.113
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+3	-	DSI 10	518598	2592.99	22.69	24.20	1.416	50	1.000	-0.02	0.881	1.247
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2+3	-	DSI 10	518598	2592.99	22.65	24.20	1.429	50	1.000	-0.13	0.704	1.006
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 2+3	-	DSI 10	518598	2592.99	22.63	24.20	1.437	50	1.000	0.06	0.691	0.993
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2+3	-	DSI 10	518598	2592.99	22.69	24.20	1.416	50	1.000	0.05	0.479	0.678
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2+3	-	DSI 10	518598	2592.99	22.65	24.20	1.429	50	1.000	0.04	0.438	0.626
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+3	Headset	DSI 10	518598	2592.99	22.69	24.20	1.416	50	1.000	0.03	0.874	1.237
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+3	-	DSI 10	518598	2592.99	25.43	27.20	1.502	25	1.000	0.02	0.833	1.252
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+3	-	DSI 10	518598	2592.99	22.69	24.20	1.416	50	1.000	-0.02	0.881	1.247



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 2+3	-	DSI 4	5185982592.99	26.67	27.50	1.211	50	1.000	-0.01	0.394	0.477
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2+3	-	DSI 4	5185982592.99	26.67	27.50	1.211	50	1.000	-0.06	0.351	0.425
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 2+3	-	DSI 4	5185982592.99	29.45	30.00	1.135	25	1.000	-0.04	0.401	0.455
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2+3	-	DSI 4	5185982592.99	29.45	30.00	1.135	25	1.000	-0.09	0.368	0.418
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0+1	-	DSI 10	5185982592.99	26.45	27.00	1.135	50	1.000	-0.05	0.144	0.163
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+1	-	DSI 10	5185982592.99	26.27	27.00	1.183	50	1.000	-0.17	0.126	0.149
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0+1	-	DSI 10	5185982592.99	26.45	27.00	1.135	50	1.000	0.02	0.448	0.508
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0+1	-	DSI 10	5185982592.99	26.27	27.00	1.183	50	1.000	-0.17	0.405	0.479
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0+1	-	DSI 10	5185982592.99	29.40	30.00	1.148	25	1.000	0.01	0.440	0.505
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2+1	-	DSI 10	5185982592.99	24.66	26.40	1.493	50	1.000	-0.02	0.368	0.549
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2+1	-	DSI 10	5185982592.99	24.62	26.40	1.507	50	1.000	-0.08	0.387	0.583
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2+1	-	DSI 10	5185982592.99	24.66	26.40	1.493	50	1.000	0.18	0.237	0.354
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2+1	-	DSI 10	5185982592.99	24.62	26.40	1.507	50	1.000	-0.19	0.167	0.252
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2+1	Headset	DSI 10	5185982592.99	24.62	26.40	1.507	50	1.000	0.02	0.379	0.571
	FR1 n41 PC1.5	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2+1	-	DSI 10	5185982592.99	27.82	29.40	1.439	25	1.000	0.01	0.378	0.544
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 2+1	-	DSI 4	5185982592.99	25.66	27.00	1.361	50	1.000	-0.03	0.298	0.406
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2+1	-	DSI 4	5185982592.99	25.66	27.00	1.361	50	1.000	0.07	0.201	0.274
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 2+1	-	DSI 4	5185982592.99	29.32	30.00	1.171	25	1.000	0	0.321	0.376
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 2+1	-	DSI 4	5185982592.99	29.32	30.00	1.171	25	1.000	0.01	0.286	0.335
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 0+3	-	DSI 10	5185982592.99	25.50	26.50	1.259	50	1.000	0.04	0.393	0.495
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+3	-	DSI 10	5185982592.99	25.47	26.50	1.268	50	1.000	0.01	0.409	0.518
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 0+3	-	DSI 10	5185982592.99	25.50	26.50	1.259	50	1.000	-0.18	0.077	0.097
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 0+3	-	DSI 10	5185982592.99	25.47	26.50	1.268	50	1.000	0.08	0.061	0.077
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+3	Headset	DSI 10	5185982592.99	25.47	26.50	1.268	50	1.000	0.06	0.399	0.506
	FR1 n41 PC1.5	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 0+3	-	DSI 10	5185982592.99	28.57	29.50	1.239	25	1.000	0.03	0.387	0.479
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 0+3	-	DSI 4	5185982592.99	26.59	27.50	1.233	50	1.000	0.13	0.486	0.599
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 0+3	-	DSI 4	5185982592.99	26.59	27.50	1.233	50	1.000	-0.18	0.405	0.499
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 0+3	-	DSI 4	5185982592.99	29.62	30.50	1.225	25	1.000	0.02	0.491	0.601
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 0+3	-	DSI 4	5185982592.99	29.62	30.50	1.225	25	1.000	0.16	0.432	0.529
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	6416663624.99	20.23	21.00	1.194	-	-	0.18	1.070	1.278
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	638000 3570	20.17	21.00	1.210	-	-	-0.1	1.030	1.246
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	6453323679.98	20.19	21.00	1.205	-	-	0.17	1.010	1.217
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	6416663624.99	20.20	21.00	1.202	-	-	-0.08	0.972	1.169
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	638000 3570	20.15	21.00	1.215	-	-	0.05	0.946	1.150
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	6453323679.98	20.15	21.00	1.215	-	-	0.04	0.923	1.121
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	6416663624.99	20.17	21.00	1.210	-	-	-0.15	0.912	1.103
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 10	6416663624.99	20.23	21.00	1.194	-	-	-0.05	0.204	0.244
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 10	6416663624.99	20.20	21.00	1.202	-	-	-0.07	0.176	0.212
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	Headset	DSI 10	6416663624.99	20.23	21.00	1.194	-	-	0.02	1.050	1.254
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+8	-	DSI 4	6416663624.99	23.71	24.00	1.069	-	-	0.07	0.501	0.536
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	6416663624.99	23.71	24.00	1.069	-	-	0.16	0.456	0.487
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	6416663624.99	19.60	20.30	1.175	-	-	-0.1	0.961	1.129
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	638000 3570	19.53	20.30	1.194	-	-	-0.04	0.891	1.064
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	6453323679.98	19.57	20.30	1.183	-	-	-0.06	0.917	1.084
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	6416663624.99	19.58	20.30	1.180	-	-	0.04	0.853	1.007
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	638000 3570	19.53	20.30	1.194	-	-	-0.17	0.828	0.988
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	6453323679.98	19.56	20.30	1.185	-	-	0.15	0.815	0.966
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	6416663624.99	19.55	20.30	1.188	-	-	-0.04	0.802	0.953
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	6416663624.99	19.60	20.30	1.175	-	-	0.08	0.356	0.418
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	6416663624.99	19.58	20.30	1.180	-	-	-0.09	0.350	0.413
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	Headset	DSI 10	6416663624.99	19.60	20.30	1.175	-	-	0.03	0.917	1.077
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+5	-	DSI 4	6416663624.99	23.58	24.00	1.102	-	-	-0.15	0.451	0.497
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	6416663624.99	23.58	24.00	1.102	-	-	0.02	0.359	0.395
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	6416663624.99	19.88	20.50	1.153	-	-	0.03	1.030	1.188
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	638000 3570	19.74	20.50	1.192	-	-	0.16	0.984	1.173
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	6453323679.98	19.78	20.50	1.180	-	-	-0.09	0.956	1.128



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	6416663624.99	19.85	20.50	1.161	-	-	0.19	0.937	1.088
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	638000 3570	19.71	20.50	1.201	-	-	0.02	0.905	1.086
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	6453323679.98	19.66	20.50	1.214	-	-	-0.17	0.896	1.088
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	6416663624.99	19.80	20.50	1.174	-	-	0.12	0.852	1.001
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 10	6416663624.99	19.88	20.50	1.153	-	-	0.16	0.205	0.236
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 10	6416663624.99	19.85	20.50	1.161	-	-	-0.1	0.151	0.175
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	Headset	DSI 10	6416663624.99	19.88	20.50	1.153	-	-	0.03	0.974	1.123
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3+8	-	DSI 4	6416663624.99	23.36	24.00	1.159	-	-	0.05	0.498	0.577
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	6416663624.99	23.36	24.00	1.159	-	-	-0.03	0.356	0.413
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 10	6416663624.99	19.20	20.50	1.349	-	-	0.1	0.846	1.141
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 10	638000 3570	19.11	20.50	1.379	-	-	-0.01	0.827	1.140
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 10	6453323679.98	19.11	20.50	1.377	-	-	0.02	0.806	1.110
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 10	6416663624.99	19.16	20.50	1.361	-	-	-0.04	0.783	1.066
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 10	638000 3570	19.02	20.50	1.406	-	-	-0.05	0.754	1.060
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 10	6453323679.98	19.03	20.50	1.404	-	-	-0.13	0.725	1.018
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 3+5	-	DSI 10	6416663624.99	19.13	20.50	1.371	-	-	0.09	0.721	0.988
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+5	-	DSI 10	6416663624.99	19.20	20.50	1.349	-	-	0.05	0.392	0.529
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3+5	-	DSI 10	6416663624.99	19.16	20.50	1.361	-	-	-0.05	0.371	0.505
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+5	Headset	DSI 10	6416663624.99	19.20	20.50	1.349	-	-	0.06	0.833	1.124
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3+5	-	DSI 4	6416663624.99	23.18	24.00	1.208	-	-	-0.05	0.432	0.522
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+5	-	DSI 4	6416663624.99	23.18	24.00	1.208	-	-	-0.08	0.371	0.448
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 10	349000 1745	23.90	25.80	1.549	-	-	-0.14	0.812	1.258
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 10	349000 1745	23.86	25.80	1.563	-	-	0.18	0.688	1.075
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	5mm	Ant 2+3	-	DSI 10	349000 1745	23.85	25.80	1.566	-	-	0.06	0.675	1.057
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 10	349000 1745	23.90	25.80	1.549	-	-	-0.12	0.233	0.361
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	5mm	Ant 2+3	-	DSI 10	349000 1745	23.86	25.80	1.563	-	-	0.03	0.202	0.316
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2+3	Headset	DSI 10	349000 1745	23.90	25.80	1.549	-	-	0.06	0.811	1.256
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 2+3	-	DSI 4	349000 1745	26.36	27.00	1.159	-	-	0.16	0.268	0.311
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	16mm	Ant 2+3	-	DSI 4	349000 1745	26.36	27.00	1.159	-	-	0.05	0.201	0.233
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	656000 3840	23.63	24.00	1.089	50	1.000	-0.15	1.150	1.252
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	656000 3840	23.58	24.00	1.102	50	1.000	0.06	1.020	1.124
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	656000 3840	23.54	24.00	1.111	50	1.000	0.06	0.965	1.072
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 10	656000 3840	23.63	24.00	1.089	50	1.000	0.09	0.668	0.727
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 10	656000 3840	23.58	24.00	1.102	50	1.000	0.11	0.625	0.688
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	Headset	DSI 10	656000 3840	23.63	24.00	1.089	50	1.000	0.06	1.110	1.209
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	656000 3840	26.65	27.00	1.085	25	1.000	-0.05	1.090	1.183
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+8	-	DSI 4	656000 3840	26.62	27.00	1.091	50	1.000	-0.02	0.705	0.769
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	656000 3840	26.62	27.00	1.091	50	1.000	0.15	0.453	0.494
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+8	-	DSI 4	656000 3840	29.61	30.00	1.094	25	1.000	-0.09	0.701	0.767
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	656000 3840	29.61	30.00	1.094	25	1.000	0.11	0.501	0.548
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	656000 3840	23.41	24.00	1.146	50	1.000	-0.16	1.000	1.146
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	656000 3840	23.38	24.00	1.153	50	1.000	0.05	0.976	1.126
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	656000 3840	23.36	24.00	1.158	50	1.000	-0.11	0.955	1.106
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	656000 3840	23.41	24.00	1.146	50	1.000	0.03	1.100	1.260
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	656000 3840	23.38	24.00	1.153	50	1.000	-0.17	1.020	1.177
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	656000 3840	23.36	24.00	1.158	50	1.000	-0.11	0.975	1.129
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	Headset	DSI 10	656000 3840	23.41	24.00	1.146	50	1.000	0.03	1.080	1.237
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	656000 3840	26.33	27.00	1.166	25	1.000	0.17	1.080	1.259
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+5	-	DSI 4	656000 3840	26.41	27.00	1.146	50	1.000	-0.11	0.601	0.688
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	656000 3840	26.41	27.00	1.146	50	1.000	-0.12	0.605	0.693
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+5	-	DSI 4	656000 3840	29.31	30.00	1.172	25	1.000	0.03	0.598	0.701
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	656000 3840	29.31	30.00	1.172	25	1.000	-0.16	0.613	0.719
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	656000 3840	23.64	24.40	1.191	50	1.000	-0.15	1.050	1.251
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	656000 3840	23.61	24.40	1.199	50	1.000	-0.13	1.010	1.211



FCC SAR Test Report

Report No. : FA4N2802

FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	656000	3840	23.59	24.40	1.205	50	1.000	0.02	0.976	1.176
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 10	656000	3840	23.64	24.40	1.191	50	1.000	-0.07	0.433	0.516
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 10	656000	3840	23.61	24.40	1.199	50	1.000	0.19	0.371	0.445
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	Headset	DSI 10	656000	3840	23.64	24.40	1.191	50	1.000	0.03	1.020	1.215
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	656000	3840	26.56	27.40	1.213	25	1.000	-0.17	1.010	1.225
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3+8	-	DSI 4	656000	3840	26.64	27.00	1.086	50	1.000	-0.03	0.612	0.665
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	656000	3840	26.64	27.00	1.086	50	1.000	0.08	0.498	0.541
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3+8	-	DSI 4	656000	3840	29.58	30.00	1.102	25	1.000	-0.07	0.598	0.659
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	656000	3840	29.58	30.00	1.102	25	1.000	0.05	0.501	0.552
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	633334	3500.01	23.61	24.00	1.094	50	1.000	-0.09	1.060	1.160
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	633334	3500.01	23.50	24.00	1.122	50	1.000	-0.03	0.908	1.019
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	633334	3500.01	23.43	24.00	1.140	50	1.000	0.06	0.885	1.009
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 10	633334	3500.01	23.61	24.00	1.094	50	1.000	-0.01	0.596	0.652
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+8	-	DSI 10	633334	3500.01	23.50	24.00	1.122	50	1.000	-0.17	0.556	0.624
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+8	-	DSI 10	633334	3500.01	26.66	27.00	1.082	25	1.000	0.01	0.986	1.067
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+8	-	DSI 4	633334	3500.01	26.61	27.00	1.094	50	1.000	-0.17	0.701	0.767
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	633334	3500.01	26.61	27.00	1.094	50	1.000	-0.08	0.461	0.504
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+8	-	DSI 4	633334	3500.01	29.67	30.00	1.079	25	1.000	-0.04	0.718	0.775
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+8	-	DSI 4	633334	3500.01	29.67	30.00	1.079	25	1.000	-0.08	0.526	0.568
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	633334	3500.01	23.51	24.00	1.119	50	1.000	-0.02	0.859	0.962
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	633334	3500.01	23.44	24.00	1.138	50	1.000	0.17	0.838	0.953
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 4+5	-	DSI 10	633334	3500.01	23.37	24.00	1.156	50	1.000	-0.07	0.810	0.936
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	633334	3500.01	23.51	24.00	1.119	50	1.000	-0.09	0.968	1.084
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	633334	3500.01	23.44	24.00	1.138	50	1.000	-0.12	0.876	0.997
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	633334	3500.01	23.37	24.00	1.156	50	1.000	-0.03	0.823	0.951
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4+5	-	DSI 10	633334	3500.01	26.47	27.00	1.131	25	1.000	0.1	0.953	1.078
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+5	-	DSI 4	633334	3500.01	26.48	27.00	1.127	50	1.000	0.17	0.611	0.689
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	633334	3500.01	26.48	27.00	1.127	50	1.000	0.18	0.619	0.698
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4+5	-	DSI 4	633334	3500.01	29.44	30.00	1.138	25	1.000	-0.04	0.583	0.663
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 4+5	-	DSI 4	633334	3500.01	29.44	30.00	1.138	25	1.000	-0.08	0.621	0.706
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	633334	3500.01	23.58	24.40	1.208	50	1.000	-0.06	1.010	1.220
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	633334	3500.01	23.54	24.40	1.219	50	1.000	-0.16	0.983	1.198
FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	633334	3500.01	23.47	24.40	1.239	50	1.000	0.01	0.925	1.146
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 10	633334	3500.01	23.58	24.40	1.208	50	1.000	-0.04	0.390	0.471
FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3+8	-	DSI 10	633334	3500.01	23.54	24.40	1.219	50	1.000	-0.09	0.333	0.406
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	Headset	DSI 10	633334	3500.01	23.58	24.40	1.208	50	1.000	-0.02	0.987	1.192
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3+8	-	DSI 10	633334	3500.01	26.55	27.40	1.216	25	1.000	-0.17	0.986	1.199
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3+8	-	DSI 4	633334	3500.01	26.58	27.00	1.102	50	1.000	-0.13	0.609	0.671
FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	633334	3500.01	26.58	27.00	1.102	50	1.000	-0.13	0.475	0.523
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3+8	-	DSI 4	633334	3500.01	29.54	30.00	1.112	25	1.000	0.06	0.558	0.620
FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	16mm	Ant 3+8	-	DSI 4	633334	3500.01	29.54	30.00	1.112	25	1.000	-0.03	0.481	0.535



Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
2450MHz																	
99	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	-	Standalone	6	2437	18.79	20.00	1.321	97.06	1.030	0.06	0.958	1.304
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	-	Standalone	1	2412	18.75	20.00	1.334	97.06	1.030	-0.08	0.902	1.239
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	-	Standalone	11	2462	18.63	20.00	1.371	97.06	1.030	-0.01	0.997	1.408
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 7+6(6)	-	Standalone	6	2437	18.79	20.00	1.321	97.06	1.030	-0.09	0.121	0.165
	WLAN2.4GHz	802.11g 6Mbps	Front	5mm	Ant 7+6(7)	-	Standalone	6	2437	17.87	19.50	1.455	99.06	1.009	0.03	0.812	1.192
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 7+6(6)	Headset	Standalone	11	2462	18.63	20.00	1.371	97.06	1.030	0.06	0.976	1.378
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 7+6(6)	-	Full power	6	2437	21.22	23.00	1.507	97.06	1.030	0.01	0.569	0.883
100	WLAN2.4GHz	802.11b 1Mbps	Back	16mm	Ant 7+6(6)	-	Full power	6	2437	21.22	23.00	1.507	97.06	1.030	-0.15	0.280	0.435
	Bluetooth	1Mbps	Front	5mm	Ant 6	-	Full power	39	2441	18.30	18.50	1.047	77.07	1.081	-0.09	0.283	0.320
	Bluetooth	1Mbps	Back	5mm	Ant 6	-	Full power	39	2441	18.30	18.50	1.047	77.07	1.081	0.13	0.142	0.161
	Bluetooth	1Mbps	Front	5mm	Ant 7	-	Standalone	39	2441	18.48	19.00	1.127	77.07	1.081	-0.05	1.060	1.292
	Bluetooth	1Mbps	Front	5mm	Ant 7	-	Standalone	0	2402	18.35	19.00	1.161	77.07	1.081	0.03	0.985	1.237
	Bluetooth	1Mbps	Front	5mm	Ant 7	-	Standalone	78	2480	18.10	19.00	1.230	77.07	1.081	0.18	0.909	1.209
	Bluetooth	1Mbps	Back	5mm	Ant 7	-	Standalone	39	2441	18.48	19.00	1.127	77.07	1.081	0.12	0.382	0.465
	Bluetooth	1Mbps	Front	5mm	Ant 7	Headset	Standalone	39	2441	18.48	19.00	1.127	77.07	1.081	0.06	1.020	1.243
	Bluetooth	1Mbps	Front	10mm	Ant 7	-	Full power	39	2441	19.40	19.50	1.023	77.07	1.081	-0.18	0.096	0.106
	Bluetooth	1Mbps	Back	16mm	Ant 7	-	Full power	39	2441	19.40	19.50	1.023	77.07	1.081	0.03	0.078	0.086
5000MHz																	
101	WLAN5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(5)	-	Standalone	54	5270	17.99	19.00	1.262	100	1.000	0.01	0.914	1.153
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	Standalone	62	5310	15.13	16.50	1.371	100	1.000	0.06	0.521	0.714
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5(5)	-	Standalone	54	5270	17.99	19.00	1.262	100	1.000	-0.1	0.167	0.211
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(5)	Headset	Standalone	54	5270	17.99	19.00	1.262	100	1.000	0.02	0.888	1.121
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	10mm	Ant 7+5(5)	-	Full power	54	5270	18.96	20.50	1.426	100	1.000	-0.15	0.237	0.338
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	16mm	Ant 7+5(5)	-	Full power	54	5270	18.96	20.50	1.426	100	1.000	-0.15	0.236	0.336
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 7+5(5)	-	Standalone	138	5690	17.93	19.00	1.279	99.63	1.004	0.05	0.893	1.147
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 7+5(7)	-	Standalone	106	5530	17.18	18.50	1.355	99.63	1.004	0.18	0.783	1.065
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 7+5(5)	-	Standalone	122	5610	17.83	19.00	1.309	99.63	1.004	-0.1	0.833	1.095
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 7+5(5)	-	Standalone	138	5690	17.93	19.00	1.279	99.63	1.004	0.07	0.079	0.101
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 7+5(5)	Headset	Standalone	138	5690	17.93	19.00	1.279	99.63	1.004	0.01	0.877	1.127
	WLAN5.5GHz	802.11n-HT40 MCS0	Front	10mm	Ant 7+5(5)	-	Full power	110	5550	18.88	20.50	1.452	100	1.000	0.11	0.347	0.504
	WLAN5.5GHz	802.11n-HT40 MCS0	Back	16mm	Ant 7+5(5)	-	Full power	110	5550	18.88	20.50	1.452	100	1.000	-0.08	0.395	0.574
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	Standalone	159	5795	18.53	19.50	1.250	100	1.000	-0.15	0.813	1.016
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	-	Standalone	151	5755	18.39	19.50	1.291	100	1.000	0.04	0.883	1.140
	WLAN5.8GHz	802.11n-HT40 MCS0	Back	5mm	Ant 7+5(7)	-	Standalone	159	5795	18.53	19.50	1.250	100	1.000	0.07	0.122	0.153
	WLAN5.8GHz	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(7)	Headset	Standalone	159	5795	18.53	19.50	1.250	100	1.000	0.19	0.861	1.076
	WLAN5.8GHz	802.11a 6Mbps	Front	10mm	Ant 7+5(7)	-	Full power	165	5825	19.77	21.50	1.489	99.06	1.009	-0.17	0.528	0.793
	WLAN5.8GHz	802.11a 6Mbps	Back	16mm	Ant 7+5(7)	-	Full power	165	5825	19.77	21.50	1.489	99.06	1.009	-0.08	0.482	0.724



16.4 Product specific 10g SAR

<Flip Open>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
1750MHz																				
102	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 6	1413	1732.6	21.87	22.80	1.239	-	-	0.08	2.320	2.874
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 6	1312	1712.4	21.73	22.80	1.279	-	-	0.01	2.350	3.007
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 6	1513	1752.6	21.79	22.80	1.262	-	-	0.03	2.450	3.091
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 6	1413	1732.6	21.87	22.80	1.239	-	-	-0.08	2.110	2.614
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 6	1312	1712.4	21.73	22.80	1.279	-	-	-0.08	2.190	2.802
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 6	1513	1752.6	21.79	22.80	1.262	-	-	0.1	2.260	2.852
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 6	1413	1732.6	21.87	22.80	1.239	-	-	-0.18	2.570	3.184
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 6	1312	1712.4	21.73	22.80	1.279	-	-	0.1	2.390	3.058
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 6	1513	1752.6	21.79	22.80	1.262	-	-	0.12	2.440	3.079
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	8mm	Ant 2	DSI 4	1413	1732.6	23.57	24.00	1.104	-	-	0.08	0.743	0.820
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	7mm	Ant 2	DSI 4	1413	1732.6	23.57	24.00	1.104	-	-	0.01	0.864	0.954
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	13mm	Ant 2	DSI 4	1413	1732.6	23.57	24.00	1.104	-	-	0.03	0.612	0.676
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 0	DSI 6	1413	1732.6	23.12	24.00	1.225	-	-	0.1	1.550	1.898
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	1413	1732.6	23.12	24.00	1.225	-	-	-0.01	1.510	1.849
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 0	DSI 4	1413	1732.6	23.12	24.00	1.225	-	-	0.06	0.896	1.097
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DSI 6	1413	1732.6	23.12	24.00	1.225	-	-	-0.09	1.590	1.947
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	132322	1745	22.81	24.00	1.315	-	-	-0.01	2.160	2.841
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	132072	1720	22.79	24.00	1.321	-	-	-0.08	1.980	2.616
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	132572	1770	22.75	24.00	1.334	-	-	0.05	2.070	2.760
103	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	132322	1745	21.84	23.00	1.306	-	-	0.06	1.160	1.515
	LTE Band 66	20M	QPSK	100	0	-	Front	0mm	Ant 2	DSI 6	132322	1745	21.83	23.00	1.309	-	-	0.13	1.190	1.558
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	132322	1745	22.81	24.00	1.315	-	-	0.12	2.310	3.038
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	132072	1720	22.79	24.00	1.321	-	-	0.03	2.260	2.986
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	132572	1770	22.75	24.00	1.334	-	-	0.18	2.340	3.120
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 6	132322	1745	21.84	23.00	1.306	-	-	0.16	1.260	1.646
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 6	132322	1745	21.83	23.00	1.309	-	-	0.18	0.984	1.288
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	132322	1745	22.81	24.00	1.315	-	-	-0.1	1.970	2.591
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	132072	1720	22.79	24.00	1.321	-	-	0.01	1.990	2.629
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	132572	1770	22.75	24.00	1.334	-	-	-0.15	2.230	2.974
	LTE Band 66	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	132322	1745	21.84	23.00	1.306	-	-	0.19	1.110	1.450
	LTE Band 66	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	DSI 6	132322	1745	21.83	23.00	1.309	-	-	0.03	1.150	1.506
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	132572	1770	22.75	24.00	1.334	-	-	0.18	2.210	2.947
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	132322	1745	22.66	23.70	1.271	-	-	0.11	1.490	1.893
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 6	132322	1745	21.72	23.00	1.343	-	-	0.16	0.798	1.072
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 6	132322	1745	22.66	23.70	1.271	-	-	0.05	1.190	1.512
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 6	132322	1745	21.72	23.00	1.343	-	-	0.02	0.706	0.948
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 3	DSI 6	132322	1745	22.66	23.70	1.271	-	-	0.16	0.632	0.803
	LTE Band 66	20M	QPSK	50	0	-	Left Side	0mm	Ant 3	DSI 6	132322	1745	21.72	23.00	1.343	-	-	0.13	0.360	0.483
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	132322	1745	22.66	23.70	1.271	-	-	-0.18	2.390	3.037
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	132072	1720	22.62	23.70	1.282	-	-	0.02	2.330	2.988
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	132572	1770	22.58	23.70	1.294	-	-	0.16	2.430	3.145
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	132322	1745	21.72	23.00	1.343	-	-	-0.03	1.280	1.719
	LTE Band 66	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 6	132322	1745	21.70	23.00	1.349	-	-	0.01	1.280	1.727
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	132572	1770	22.58	23.70	1.294	-	-	0.16	2.340	3.028
	LTE Band 66	20M	QPSK	1	0	-	Front	9mm	Ant 3	DSI 4	132322	1745	22.66	24.00	1.361	-	-	-0.08	0.428	0.583
	LTE Band 66	20M	QPSK	1	0	-	Back	8mm	Ant 3	DSI 4	132322	1745	22.66	24.00	1.361	-	-	-0.08	0.661	0.900
	LTE Band 66	20M	QPSK	1	0	-	Left Side	7mm	Ant 3	DSI 4	132322	1745	22.66	24.00	1.361	-	-	0.1	0.266	0.362
	LTE Band 66	20M	QPSK	1	0	-	Top Side	13mm	Ant 3	DSI 4	132322	1745	22.66	24.00	1.361	-	-	-0.18	0.398	0.542
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	132322	1745	22.31	24.00	1.476	-	-	-0.06	1.600	2.361



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	132072	1720	22.25	24.00	1.496	-	-	-0.14	1.560	2.334
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	132572	1770	22.26	24.00	1.493	-	-	-0.19	1.570	2.344
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	132322	1745	21.34	23.00	1.466	-	-	0.01	0.859	1.259
	LTE Band 66	20M	QPSK	100	0	-	Front	0mm	Ant 0	DSI 6	132322	1745	21.31	23.00	1.476	-	-	0.06	0.845	1.247
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	132322	1745	22.31	24.00	1.476	-	-	0.02	1.690	2.494
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	132072	1720	22.25	24.00	1.496	-	-	0.12	1.510	2.259
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	132572	1770	22.26	24.00	1.493	-	-	-0.16	1.620	2.418
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	132322	1745	21.34	23.00	1.466	-	-	-0.12	0.912	1.337
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 6	132322	1745	21.31	23.00	1.476	-	-	0.07	0.897	1.324
	LTE Band 66	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	132322	1745	22.31	24.00	1.476	-	-	-0.02	1.090	1.609
	LTE Band 66	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 4	132322	1745	21.34	23.00	1.466	-	-	-0.05	0.581	0.851
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	132322	1745	22.31	24.00	1.476	-	-	-0.13	1.320	1.948
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 6	132322	1745	21.34	23.00	1.466	-	-	0.08	0.857	1.256
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	132322	1745	22.31	24.00	1.476	-	-	0.02	1.510	2.228
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6	132322	1745	22.08	23.00	1.236	-	-	-0.06	1.620	2.002
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6	132072	1720	21.99	23.00	1.262	-	-	-0.17	1.580	1.994
	LTE Band 66	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6	132572	1770	22.02	23.00	1.253	-	-	-0.01	1.670	2.093
	LTE Band 66	20M	QPSK	50	0	-	Front	0mm	Ant 1	DSI 6	132322	1745	21.08	22.00	1.236	-	-	-0.11	0.798	0.986
	LTE Band 66	20M	QPSK	100	0	-	Front	0mm	Ant 1	DSI 6	132322	1745	21.06	22.00	1.242	-	-	0.14	0.837	1.039
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	132322	1745	22.08	23.00	1.236	-	-	0.03	2.040	2.521
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	132072	1720	21.99	23.00	1.262	-	-	0.1	2.330	2.940
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	132572	1770	22.02	23.00	1.253	-	-	0.16	2.420	3.033
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6	132322	1745	21.08	22.00	1.236	-	-	-0.06	1.240	1.533
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 1	DSI 6	132322	1745	21.06	22.00	1.242	-	-	0.02	1.210	1.502
	LTE Band 66	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 6	132322	1745	22.08	23.00	1.236	-	-	0.02	1.220	1.508
	LTE Band 66	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSI 6	132322	1745	21.08	22.00	1.236	-	-	-0.16	0.795	0.983
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	132322	1745	22.08	23.00	1.236	-	-	0.05	1.940	2.398
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	132072	1720	21.99	23.00	1.262	-	-	-0.03	1.790	2.259
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	132572	1770	22.02	23.00	1.253	-	-	0.17	2.010	2.519
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 4	132322	1745	21.08	22.00	1.236	-	-	-0.15	1.160	1.434
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	DSI 4	132322	1745	21.06	22.00	1.242	-	-	0.16	1.140	1.415
	LTE Band 66_Other Path	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	132572	1770	22.02	23.00	1.253	-	-	0.16	2.250	2.820
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	349000	1745	21.89	23.00	1.291	-	-	0.09	2.220	2.867
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	349000	1745	21.86	23.00	1.300	-	-	0.16	2.310	3.003
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	349000	1745	21.84	23.00	1.306	-	-	-0.02	1.830	2.390
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	349000	1745	21.89	23.00	1.291	-	-	0.16	1.880	2.427
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	349000	1745	21.86	23.00	1.300	-	-	-0.13	2.120	2.756
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	349000	1745	21.84	23.00	1.306	-	-	-0.06	1.600	2.090
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	349000	1745	21.89	23.00	1.291	-	-	-0.05	2.410	3.112
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	349000	1745	21.86	23.00	1.300	-	-	-0.02	2.420	3.146
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	349000	1745	21.84	23.00	1.306	-	-	0.04	1.950	2.547
	FR1 n66_Main PA	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	349000	1745	21.63	23.00	1.371	-	-	-0.18	2.160	2.961
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	8mm	Ant 2	DSI 4	349000	1745	23.59	24.00	1.099	-	-	0.1	0.480	0.528
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	7mm	Ant 2	DSI 4	349000	1745	23.59	24.00	1.099	-	-	0.12	0.548	0.602
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	13mm	Ant 2	DSI 4	349000	1745	23.59	24.00	1.099	-	-	0.08	0.382	0.420
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	349000	1745	21.79	22.90	1.291	-	-	-0.06	1.850	2.389
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	349000	1745	21.78	22.90	1.294	-	-	-0.1	1.830	2.368
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	349000	1745	21.77	22.90	1.297	-	-	-0.02	1.460	1.894
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 6	349000	1745	21.79	22.90	1.291	-	-	-0.06	1.360	1.756
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 6	349000	1745	21.78	22.90	1.294	-	-	0.05	1.450	1.877
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	349000	1745	21.79	22.90	1.291	-	-	0.13	2.380	3.073
104	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	349000	1745	21.78	22.90	1.294	-	-	-0.01	2.440	3.158
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	349000	1745	21.77	22.90	1.297	-	-	-0.02	1.920	2.491
	FR1 n66_Main PA	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	349000	1745	21.75	22.90	1.303	-	-	0.05	2.360	3.075
	FR1 n66_Code 2	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	349000	1745	21.78	22.90	1.294	-	-	0.07	2.130	2.757
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	9mm	Ant 3	DSI 4	349000	1745	23.42	24.00	1.143	-	-	-0.17	0.354	0.405



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	8mm	Ant 3	DSI 4	349000	1745	23.42	24.00	1.143	-	-	-0.03	0.396	0.453
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	13mm	Ant 3	DSI 4	349000	1745	23.42	24.00	1.143	-	-	0.14	0.270	0.309
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	349000	1745	23.18	24.00	1.208	-	-	0.14	1.150	1.389
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	349000	1745	23.08	24.00	1.236	-	-	-0.18	1.140	1.409
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Right Side	0mm	Ant 0	DSI 4	349000	1745	23.18	24.00	1.208	-	-	-0.11	0.707	0.854
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Right Side	0mm	Ant 0	DSI 4	349000	1745	23.08	24.00	1.236	-	-	0.15	0.655	0.810
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	349000	1745	23.18	24.00	1.208	-	-	0.18	1.160	1.401
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	349000	1745	23.08	24.00	1.236	-	-	-0.07	1.340	1.656
	FR1 n66_Other Path	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	349000	1745	23.19	24.00	1.205	-	-	0.18	1.300	1.567
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 1	DSI 6	349000	1745	22.87	24.00	1.297	-	-	-0.01	1.300	1.686
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 1	DSI 6	349000	1745	22.70	24.00	1.349	-	-	-0.01	1.250	1.686
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	349000	1745	22.87	24.00	1.297	-	-	-0.15	1.850	2.400
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	349000	1745	22.70	24.00	1.349	-	-	-0.15	1.750	2.361
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	349000	1745	21.85	23.00	1.303	-	-	-0.05	1.420	1.850
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSI 6	349000	1745	22.87	24.00	1.297	-	-	-0.17	1.350	1.751
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSI 6	349000	1745	22.70	24.00	1.349	-	-	0.18	1.420	1.916
	FR1 n66_Main PA	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	349000	1745	22.28	23.00	1.180	-	-	0.07	1.690	1.995
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	340500	1702.5	23.51	24.00	1.119	-	-	0.02	2.260	2.530
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	340500	1702.5	23.31	24.00	1.172	-	-	0.18	2.090	2.450
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	340500	1702.5	22.53	23.00	1.114	-	-	-0.05	1.720	1.917
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	340500	1702.5	23.51	24.00	1.119	-	-	0.05	2.230	2.496
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	340500	1702.5	23.31	24.00	1.172	-	-	-0.14	1.910	2.239
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	340500	1702.5	22.53	23.00	1.114	-	-	0.09	1.550	1.727
105	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	340500	1702.5	23.51	24.00	1.119	-	-	-0.12	2.570	2.877
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	340500	1702.5	23.31	24.00	1.172	-	-	0.08	2.390	2.802
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	340500	1702.5	22.53	23.00	1.114	-	-	0.14	1.830	2.039
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	340500	1702.5	22.53	23.00	1.114	-	-	0.08	1.590	1.772
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	340500	1702.5	22.30	23.00	1.175	-	-	0.01	1.430	1.680
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 6	340500	1702.5	22.53	23.00	1.114	-	-	0.03	1.220	1.359
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 6	340500	1702.5	22.30	23.00	1.175	-	-	-0.08	1.080	1.269
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	340500	1702.5	22.53	23.00	1.114	-	-	-0.08	2.310	2.574
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	340500	1702.5	22.30	23.00	1.175	-	-	0.1	1.980	2.326
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	340500	1702.5	21.46	23.00	1.426	-	-	-0.18	1.710	2.438
	FR1 n70_Code 2	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	340500	1702.5	22.53	23.00	1.114	-	-	0.1	1.400	1.560
	FR1 n70_Other Path	15M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 4	340500	1702.5	23.43	24.00	1.140	-	-	-0.17	0.351	0.400
	FR1 n70_Other Path	15M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 4	340500	1702.5	23.43	24.00	1.140	-	-	-0.03	0.382	0.436
	FR1 n70_Other Path	15M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 4	340500	1702.5	23.43	24.00	1.140	-	-	0.14	0.234	0.267
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	340500	1702.5	22.71	24.00	1.346	-	-	-0.04	1.470	1.978
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	340500	1702.5	22.56	24.00	1.393	-	-	0.18	1.350	1.881
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Right Side	0mm	Ant 0	DSI 4	340500	1702.5	22.71	24.00	1.346	-	-	0.16	1.040	1.400
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Right Side	0mm	Ant 0	DSI 4	340500	1702.5	22.56	24.00	1.393	-	-	-0.1	0.893	1.244
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	340500	1702.5	22.71	24.00	1.346	-	-	0.07	0.997	1.342
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	340500	1702.5	22.56	24.00	1.393	-	-	0.18	1.060	1.477
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 1	DSI 6	340500	1702.5	22.60	24.00	1.380	-	-	-0.08	1.100	1.518
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Front	0mm	Ant 1	DSI 6	340500	1702.5	22.54	24.00	1.400	-	-	-0.04	1.010	1.414
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	340500	1702.5	22.60	24.00	1.380	-	-	-0.07	1.600	2.209
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	340500	1702.5	22.54	24.00	1.400	-	-	-0.08	1.460	2.043
	FR1 n70	15M	QPSK	75	0	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	340500	1702.5	21.56	23.00	1.393	-	-	0.17	1.150	1.602
	FR1 n70	15M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSI 6	340500	1702.5	22.60	24.00	1.380	-	-	0.18	1.010	1.394
	FR1 n70	15M	QPSK	36	22	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSI 6	340500	1702.5	22.54	24.00	1.400	-	-	-0.04	0.929	1.300
1900MHz																				
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Front	0mm	Ant 2	DSI 6	661	1880	27.76	28.50	1.186	-	-	0.01	1.240	1.470
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Back	0mm	Ant 2	DSI 6	661	1880	27.76	28.50	1.186	-	-	-0.04	1.110	1.316
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Left Side	0mm	Ant 2	DSI 6	661	1880	27.76	28.50	1.186	-	-	0.13	1.770	2.099
	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Left Side	0mm	Ant 2	DSI 6	512	1850.2	27.69	28.50	1.205	-	-	0.12	1.710	2.061
106	GSM1900	-	-	-	-	GPRS (2 Tx slots)	Left Side	0mm	Ant 2	DSI 6	810	1909.8	27.72	28.50	1.197	-	-	0.07	1.790	2.142



FCC SAR Test Report

Report No. : FA4N2802

	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 6	9400	1880	22.07	23.20	1.297	-	-	0.15	2.110	2.737
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 6	9262	1852.4	22.03	23.20	1.309	-	-	-0.05	2.210	2.893
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	0mm	Ant 2	DSI 6	9538	1907.6	22.02	23.20	1.312	-	-	-0.08	2.040	2.677
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 6	9400	1880	22.07	23.20	1.297	-	-	-0.08	1.930	2.504
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 6	9262	1852.4	22.03	23.20	1.309	-	-	-0.13	1.970	2.579
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 2	DSI 6	9538	1907.6	22.02	23.20	1.312	-	-	0.01	1.800	2.362
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 6	9400	1880	22.07	23.20	1.297	-	-	-0.11	2.350	3.048
107	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 6	9262	1852.4	22.03	23.20	1.309	-	-	0.03	2.440	3.194
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 6	9538	1907.6	22.02	23.20	1.312	-	-	-0.05	2.340	3.071
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	8mm	Ant 2	DSI 4	9400	1880	23.32	24.00	1.169	-	-	0.11	0.772	0.903
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	7mm	Ant 2	DSI 4	9400	1880	23.32	24.00	1.169	-	-	-0.05	0.923	1.079
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Left Side	13mm	Ant 2	DSI 4	9400	1880	23.32	24.00	1.169	-	-	0.18	0.678	0.793
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	9400	1880	22.81	24.00	1.315	-	-	-0.17	1.860	2.446
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	9262	1852.4	22.79	24.00	1.321	-	-	0.11	1.870	2.471
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	9538	1907.6	22.71	24.00	1.346	-	-	-0.05	1.660	2.234
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DSI 6	9400	1880	22.81	24.00	1.315	-	-	-0.01	1.810	2.381
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DSI 6	9262	1852.4	22.79	24.00	1.321	-	-	-0.14	2.100	2.775
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DSI 6	9538	1907.6	22.71	24.00	1.346	-	-	-0.15	1.970	2.651
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	26340	1880	22.74	23.90	1.306	-	-	-0.08	2.300	3.004
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	26140	1860	22.67	23.90	1.327	-	-	-0.05	2.110	2.801
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	26590	1905	22.70	23.90	1.318	-	-	-0.03	2.320	3.058
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	26340	1880	21.80	23.00	1.318	-	-	0.17	1.200	1.582
	LTE Band 25	20M	QPSK	100	0	-	Front	0mm	Ant 2	DSI 6	26340	1880	21.77	23.00	1.327	-	-	-0.06	1.200	1.593
108	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	26340	1880	22.74	23.90	1.306	-	-	-0.15	2.420	3.161
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	26140	1860	22.67	23.90	1.327	-	-	-0.12	1.960	2.602
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	26590	1905	22.70	23.90	1.318	-	-	-0.16	2.310	3.045
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 6	26340	1880	21.80	23.00	1.318	-	-	-0.03	1.250	1.648
	LTE Band 25	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 6	26340	1880	21.77	23.00	1.327	-	-	0.01	1.170	1.553
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	26340	1880	22.74	23.90	1.306	-	-	0.18	2.290	2.991
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	26140	1860	22.67	23.90	1.327	-	-	-0.11	1.840	2.442
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	26590	1905	22.70	23.90	1.318	-	-	-0.05	1.790	2.360
	LTE Band 25	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	26340	1880	21.80	23.00	1.318	-	-	-0.04	1.120	1.476
	LTE Band 25	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	DSI 6	26340	1880	21.77	23.00	1.327	-	-	-0.14	1.140	1.513
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	18900	1880	22.71	23.90	1.315	-	-	-0.15	2.350	3.091
	LTE Band 25	20M	QPSK	1	0	-	Front	8mm	Ant 2	DSI 4	26340	1880	22.74	24.00	1.337	-	-	0.14	0.573	0.766
	LTE Band 25	20M	QPSK	1	0	-	Back	7mm	Ant 2	DSI 4	26340	1880	22.74	24.00	1.337	-	-	-0.17	0.712	0.952
	LTE Band 25	20M	QPSK	1	0	-	Left Side	13mm	Ant 2	DSI 4	26340	1880	22.74	24.00	1.337	-	-	0.17	0.488	0.652
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	26340	1880	23.05	23.90	1.216	-	-	-0.13	2.490	3.028
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	26140	1860	23.01	23.90	1.227	-	-	0.01	2.560	3.142
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	26590	1905	23.03	23.90	1.222	-	-	-0.04	2.520	3.079
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 6	26340	1880	22.10	23.00	1.230	-	-	-0.15	1.300	1.599
	LTE Band 25	20M	QPSK	100	0	-	Front	0mm	Ant 3	DSI 6	26340	1880	22.09	23.00	1.233	-	-	0.13	1.290	1.591
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 6	26340	1880	23.05	23.90	1.216	-	-	-0.06	1.660	2.019
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 6	26140	1860	23.01	23.90	1.227	-	-	-0.12	1.780	2.185
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 6	26590	1905	23.03	23.90	1.222	-	-	0.15	1.710	2.089
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 6	26340	1880	22.10	23.00	1.230	-	-	-0.05	0.904	1.112
	LTE Band 25	20M	QPSK	100	0	-	Back	0mm	Ant 3	DSI 6	26340	1880	22.09	23.00	1.233	-	-	-0.07	0.911	1.123
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 3	DSI 6	26340	1880	23.05	23.90	1.216	-	-	0.1	0.897	1.091
	LTE Band 25	20M	QPSK	50	0	-	Left Side	0mm	Ant 3	DSI 6	26340	1880	22.10	23.00	1.230	-	-	-0.11	0.464	0.571
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	26340	1880	23.05	23.90	1.216	-	-	-0.02	2.130	2.590
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	26140	1860	23.01	23.90	1.227	-	-	-0.1	2.300	2.823
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	26590	1905	23.03	23.90	1.222	-	-	0.14	2.040	2.492
	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	26340	1880	22.10	23.00	1.230	-	-	0.04	1.290	1.587
	LTE Band 25	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 6	26340	1880	22.09	23.00	1.233	-	-	0.14	1.240	1.529
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	18700	1860	22.91	23.90	1.256	-	-	0.01	2.410	3.027
	LTE Band 25	20M	QPSK	1	0	-	Front	9mm	Ant 3	DSI 4	26340	1880	23.05	24.00	1.245	-	-	-0.05	0.627	0.780



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 25	20M	QPSK	1	0	-	Back	8mm	Ant 3	DSI 4	26340	1880	23.05	24.00	1.245	-	-	0.01	0.907	1.129
	LTE Band 25	20M	QPSK	1	0	-	Left Side	7mm	Ant 3	DSI 4	26340	1880	23.05	24.00	1.245	-	-	0.1	0.411	0.511
	LTE Band 25	20M	QPSK	1	0	-	Top Side	13mm	Ant 3	DSI 4	26340	1880	23.05	24.00	1.245	-	-	-0.17	0.661	0.823
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	26340	1880	22.15	23.00	1.216	-	-	-0.13	1.340	1.630
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	26340	1880	21.23	22.00	1.194	-	-	0.04	0.699	0.835
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	26340	1880	22.15	23.00	1.216	-	-	0.17	1.560	1.897
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	26340	1880	21.23	22.00	1.194	-	-	-0.15	0.813	0.971
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	26340	1880	22.15	23.00	1.216	-	-	0.05	1.590	1.934
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 6	26340	1880	21.23	22.00	1.194	-	-	0.03	0.848	1.013
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	18900	1880	22.10	23.00	1.230	-	-	0.05	1.480	1.821
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6	26340	1880	22.41	23.00	1.146	-	-	-0.13	1.830	2.096
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6	26140	1860	22.34	23.00	1.164	-	-	0.05	1.760	2.049
	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 1	DSI 6	26590	1905	22.32	23.00	1.169	-	-	-0.15	1.780	2.082
	LTE Band 25	20M	QPSK	50	0	-	Front	0mm	Ant 1	DSI 6	26340	1880	21.45	22.00	1.135	-	-	-0.11	1.040	1.180
	LTE Band 25	20M	QPSK	100	0	-	Front	0mm	Ant 1	DSI 6	26340	1880	21.41	22.00	1.146	-	-	0.07	1.030	1.180
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	26340	1880	22.41	23.00	1.146	-	-	-0.13	2.370	2.715
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	26140	1860	22.34	23.00	1.164	-	-	-0.12	2.210	2.573
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	26590	1905	22.32	23.00	1.169	-	-	0.19	1.930	2.257
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 1	DSI 6	26340	1880	21.45	22.00	1.135	-	-	-0.01	1.320	1.498
	LTE Band 25	20M	QPSK	100	0	-	Back	0mm	Ant 1	DSI 6	26340	1880	21.41	22.00	1.146	-	-	-0.19	1.290	1.478
	LTE Band 25	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 6	26340	1880	22.41	23.00	1.146	-	-	-0.03	1.300	1.489
	LTE Band 25	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSI 6	26340	1880	21.45	22.00	1.135	-	-	-0.08	0.729	0.827
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	26340	1880	22.41	23.00	1.146	-	-	0.1	2.310	2.646
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	26140	1860	22.34	23.00	1.164	-	-	0.15	2.200	2.561
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	26590	1905	22.32	23.00	1.169	-	-	0.12	1.960	2.292
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 4	26340	1880	21.45	22.00	1.135	-	-	-0.12	1.240	1.407
	LTE Band 25	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 1	DSI 4	26340	1880	21.41	22.00	1.146	-	-	-0.15	0.512	0.587
	LTE Band 2_Other Path	20M	QPSK	1	0	-	Back	0mm	Ant 1	DSI 6	18900	1880	22.38	23.00	1.153	-	-	-0.13	2.250	2.595
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	376500	1882.5	23.36	24.00	1.159	-	-	-0.17	2.450	2.839
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	376500	1882.5	23.09	24.00	1.233	-	-	-0.16	2.230	2.750
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	376500	1882.5	22.29	23.00	1.178	-	-	-0.02	1.800	2.120
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	376500	1882.5	23.36	24.00	1.159	-	-	0.15	2.180	2.526
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	376500	1882.5	23.09	24.00	1.233	-	-	-0.09	1.960	2.417
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	376500	1882.5	22.29	23.00	1.178	-	-	0.11	1.510	1.778
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	376500	1882.5	23.36	24.00	1.159	-	-	-0.05	2.410	2.793
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	376500	1882.5	23.09	24.00	1.233	-	-	-0.08	2.220	2.737
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	376500	1882.5	22.29	23.00	1.178	-	-	0.16	1.620	1.908
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	376000	1880	23.58	24.00	1.102	-	-	0.01	2.430	2.677
109	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	376500	1882.5	22.99	24.00	1.262	-	-	-0.13	2.530	3.192
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	376500	1882.5	22.97	24.00	1.268	-	-	0.01	2.290	2.903
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	376500	1882.5	22.92	23.50	1.143	-	-	-0.01	1.170	1.337
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 6	376500	1882.5	22.99	24.00	1.262	-	-	-0.06	1.810	2.284
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 6	376500	1882.5	22.97	24.00	1.268	-	-	-0.04	1.760	2.231
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 6	376500	1882.5	22.92	23.50	1.143	-	-	-0.09	0.940	1.074
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 3	DSI 6	376500	1882.5	22.99	24.00	1.262	-	-	-0.17	0.970	1.224
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 3	DSI 6	376500	1882.5	22.97	24.00	1.268	-	-	-0.1	0.933	1.183
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	376500	1882.5	22.99	24.00	1.262	-	-	0.18	2.340	2.953
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	376500	1882.5	22.97	24.00	1.268	-	-	-0.17	2.120	2.687
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	376500	1882.5	22.92	23.50	1.143	-	-	-0.04	1.190	1.360
	FR1 n25_Code 2	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	376500	1882.5	22.99	24.00	1.262	-	-	-0.05	2.150	2.713
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	376000	1880	22.88	24.00	1.294	-	-	0.04	2.420	3.132
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	376500	1882.5	22.70	24.00	1.349	-	-	0.1	1.300	1.754
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 0	DSI 6	376500	1882.5	22.67	24.00	1.358	-	-	0.04	1.310	1.779
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	376500	1882.5	22.70	24.00	1.349	-	-	-0.18	1.370	1.848
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 0	DSI 6	376500	1882.5	22.67	24.00	1.358	-	-	-0.11	1.330	1.807
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	376500	1882.5	22.70	24.00	1.349	-	-	0.09	1.860	2.509



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	376500	1882.5	22.67	24.00	1.358	-	-	-0.15	1.640	2.228
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	376500	1882.5	21.68	23.00	1.355	-	-	-0.06	1.370	1.857
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	376000	1880	23.31	24.00	1.172	-	-	0.05	1.740	2.040
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 1	DSI 6	376500	1882.5	22.83	24.00	1.309	-	-	0.01	1.260	1.650
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 1	DSI 6	376500	1882.5	22.65	24.00	1.365	-	-	-0.16	1.120	1.528
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	376500	1882.5	22.83	24.00	1.309	-	-	-0.02	1.840	2.409
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	376500	1882.5	22.65	24.00	1.365	-	-	-0.04	1.670	2.279
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	376500	1882.5	21.83	23.00	1.309	-	-	-0.01	1.480	1.938
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSI 6	376500	1882.5	22.83	24.00	1.309	-	-	-0.13	1.030	1.348
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSI 6	376500	1882.5	22.65	24.00	1.365	-	-	-0.11	0.895	1.221
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 1	DSI 4	376500	1882.5	22.83	24.00	1.309	-	-	-0.06	1.250	1.636
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	0mm	Ant 1	DSI 4	376500	1882.5	22.65	24.00	1.365	-	-	-0.15	1.210	1.651
	FR1 n2_Other Path	40M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 1	DSI 6	376000	1880	23.04	24.00	1.247	-	-	-0.08	1.760	2.195
2300MHz																				
	LTE Band 30	10M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	27710	2310	22.37	23.30	1.239	-	-	0.11	1.780	2.205
	LTE Band 30	10M	QPSK	25	0	-	Front	0mm	Ant 2	DSI 6	27710	2310	21.81	23.00	1.315	-	-	0.11	1.640	2.157
	LTE Band 30	10M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	27710	2310	21.77	23.00	1.327	-	-	-0.06	1.620	2.150
	LTE Band 30	10M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	27710	2310	22.37	23.30	1.239	-	-	-0.02	1.450	1.796
	LTE Band 30	10M	QPSK	25	0	-	Back	0mm	Ant 2	DSI 6	27710	2310	21.81	23.00	1.315	-	-	0.02	1.270	1.670
110	LTE Band 30	10M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	27710	2310	22.37	23.30	1.239	-	-	0.02	2.550	3.159
	LTE Band 30	10M	QPSK	25	0	-	Left Side	0mm	Ant 2	DSI 6	27710	2310	21.81	23.00	1.315	-	-	-0.11	2.230	2.933
	LTE Band 30	10M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	27710	2310	21.77	23.00	1.327	-	-	-0.11	2.270	3.013
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	27710	2310	22.37	23.30	1.239	-	-	0.02	2.390	2.961
	LTE Band 30	10M	QPSK	1	0	-	Front	8mm	Ant 2	DSI 4	27710	2310	22.76	24.00	1.330	-	-	0.04	0.652	0.867
	LTE Band 30	10M	QPSK	1	0	-	Back	7mm	Ant 2	DSI 4	27710	2310	22.76	24.00	1.330	-	-	-0.01	0.790	1.051
	LTE Band 30	10M	QPSK	1	0	-	Left Side	13mm	Ant 2	DSI 4	27710	2310	22.76	24.00	1.330	-	-	-0.08	0.513	0.683
	LTE Band 30	10M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	27710	2310	21.18	22.00	1.208	-	-	0.13	1.850	2.234
	LTE Band 30	10M	QPSK	25	0	-	Front	0mm	Ant 3	DSI 6	27710	2310	20.18	21.00	1.208	-	-	-0.03	1.440	1.739
	LTE Band 30	10M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 6	27710	2310	20.15	21.00	1.216	-	-	0.12	1.360	1.654
	LTE Band 30	10M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 6	27710	2310	21.18	22.00	1.208	-	-	0.19	1.580	1.908
	LTE Band 30	10M	QPSK	25	0	-	Back	0mm	Ant 3	DSI 6	27710	2310	20.18	21.00	1.208	-	-	-0.09	1.260	1.522
	LTE Band 30	10M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	27710	2310	21.18	22.00	1.208	-	-	0.07	1.860	2.247
	LTE Band 30	10M	QPSK	25	0	-	Top Side	0mm	Ant 3	DSI 6	27710	2310	20.18	21.00	1.208	-	-	-0.18	1.460	1.763
	LTE Band 30	10M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	27710	2310	20.15	21.00	1.216	-	-	-0.06	1.440	1.751
	LTE Band 30	10M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	27710	2310	22.58	24.00	1.387	-	-	0.09	1.740	2.413
	LTE Band 30	10M	QPSK	25	0	-	Right Side	0mm	Ant 0	DSI 4	27710	2310	21.62	23.00	1.374	-	-	-0.02	1.700	2.336
	LTE Band 30	10M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 4	27710	2310	21.59	23.00	1.384	-	-	0.15	1.700	2.352
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	27710	2310	22.58	24.00	1.387	-	-	-0.08	1.750	2.427
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 0	DSI 6	27710	2310	21.62	23.00	1.374	-	-	0.06	1.740	2.391
	LTE Band 30	10M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 6	27710	2310	21.59	23.00	1.384	-	-	0.15	1.730	2.394
	LTE Band 30_Other Path	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	27710	2310	22.58	24.00	1.387	-	-	-0.08	1.620	2.247
	FR1 n30	10M	QPSK	1	1	-	Front	0mm	Ant 2	DSI 6	462000	2310	23.09	24.00	1.233	-	-	0.11	1.930	2.380
	FR1 n30	10M	QPSK	25	14	-	Front	0mm	Ant 2	DSI 6	462000	2310	22.94	24.00	1.276	-	-	-0.08	1.840	2.349
	FR1 n30	10M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	462000	2310	22.05	23.00	1.245	-	-	-0.1	1.500	1.867
	FR1 n30	10M	QPSK	1	1	-	Back	0mm	Ant 2	DSI 6	462000	2310	23.09	24.00	1.233	-	-	-0.01	1.700	2.096
	FR1 n30	10M	QPSK	25	14	-	Back	0mm	Ant 2	DSI 6	462000	2310	22.94	24.00	1.276	-	-	-0.09	1.680	2.144
	FR1 n30	10M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 6	462000	2310	22.05	23.00	1.245	-	-	-0.06	1.610	2.004
	FR1 n30	10M	QPSK	1	1	-	Left Side	0mm	Ant 2	DSI 6	462000	2310	23.09	24.00	1.233	-	-	-0.17	2.480	3.058
111	FR1 n30	10M	QPSK	25	14	-	Left Side	0mm	Ant 2	DSI 6	462000	2310	22.94	24.00	1.276	-	-	0.15	2.490	3.178
	FR1 n30	10M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	462000	2310	22.05	23.00	1.245	-	-	-0.01	2.010	2.501
	FR1 n30_Other Path	10M	QPSK	25	14	-	Left Side	0mm	Ant 2	DSI 6	462000	2310	22.94	24.00	1.276	-	-	0.02	2.430	3.102
	FR1 n30	10M	QPSK	1	1	-	Right Side	0mm	Ant 0	DSI 4	462000	2310	22.39	24.00	1.449	-	-	0.16	1.520	2.202
	FR1 n30	10M	QPSK	25	14	-	Right Side	0mm	Ant 0	DSI 4	462000	2310	22.31	24.00	1.476	-	-	0.05	1.440	2.125
	FR1 n30	10M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 4	462000	2310	21.39	23.00	1.449	-	-	-0.06	1.370	1.985
	FR1 n30_Other Path	10M	QPSK	1	1	-	Right Side	0mm	Ant 0	DSI 4	462000	2310	22.45	24.00	1.429	-	-	0.05	1.440	2.058
2600MHz																				



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	21100	2535	21.90	23.20	1.349	-	-	0.04	1.570	2.118
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	20850	2510	21.89	23.20	1.352	-	-	-0.16	1.510	2.042
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	21350	2560	21.82	23.20	1.374	-	-	-0.12	1.670	2.295
	LTE Band 7	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	21100	2535	21.76	23.00	1.330	-	-	-0.08	0.935	1.244
	LTE Band 7	20M	QPSK	100	0	-	Front	0mm	Ant 2	DSI 6	21100	2535	21.73	23.00	1.340	-	-	-0.03	0.967	1.295
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	21100	2535	21.90	23.20	1.349	-	-	0.02	1.330	1.794
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 6	21100	2535	21.76	23.00	1.330	-	-	-0.17	0.735	0.978
	LTE Band 7	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	21100	2535	21.90	23.20	1.349	-	-	-0.17	2.220	2.995
	LTE Band 7	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	20850	2510	21.89	23.20	1.352	-	-	-0.07	2.350	3.177
	LTE Band 7	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	21350	2560	21.82	23.20	1.374	-	-	0.04	2.300	3.160
	LTE Band 7	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	21100	2535	21.76	23.00	1.330	-	-	0.01	1.050	1.397
	LTE Band 7	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	DSI 6	21100	2535	21.73	23.00	1.340	-	-	0.16	1.100	1.474
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	20850	2510	21.89	23.20	1.352	-	-	-0.07	2.210	2.988
	LTE Band 7C	20M	QPSK	1	99	-	Left Side	0mm	Ant 2	DSI 6	20850+ 21048	2510+ 2529.8	21.70	23.20	1.413	-	-	0.02	2.050	2.896
	LTE Band 7	20M	QPSK	1	0	-	Front	8mm	Ant 2	DSI 4	21100	2535	22.73	24.00	1.340	-	-	0.05	0.548	0.734
	LTE Band 7	20M	QPSK	1	0	-	Back	7mm	Ant 2	DSI 4	21100	2535	22.73	24.00	1.340	-	-	0.06	0.689	0.923
	LTE Band 7	20M	QPSK	1	0	-	Left Side	13mm	Ant 2	DSI 4	21100	2535	22.73	24.00	1.340	-	-	-0.09	0.565	0.757
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	21100	2535	21.27	22.30	1.268	-	-	-0.08	1.020	1.293
	LTE Band 7	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 6	21100	2535	21.25	22.30	1.274	-	-	-0.17	0.905	1.153
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 6	21100	2535	21.27	22.30	1.268	-	-	-0.03	0.626	0.794
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 6	21100	2535	21.25	22.30	1.274	-	-	0.03	0.557	0.709
	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	21100	2535	21.27	22.30	1.268	-	-	0.09	2.340	2.966
112	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	20850	2510	21.22	22.30	1.282	-	-	-0.02	2.490	3.193
	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	21350	2560	21.24	22.30	1.276	-	-	-0.07	2.320	2.961
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	21100	2535	21.25	22.30	1.274	-	-	-0.16	2.070	2.636
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	20850	2510	21.17	22.30	1.297	-	-	-0.03	1.960	2.542
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	21350	2560	21.24	22.30	1.276	-	-	0.03	1.870	2.387
	LTE Band 7	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 6	21100	2535	21.26	22.30	1.271	-	-	0.1	1.890	2.401
	LTE Band 7C	20M	QPSK	1	99	-	Top Side	0mm	Ant 3	DSI 6	20850+ 21048	2510+ 2529.8	21.06	22.30	1.330	-	-	0.02	2.190	2.914
	LTE Band 7	20M	QPSK	1	0	-	Front	9mm	Ant 3	DSI 4	21100	2535	23.12	24.00	1.225	-	-	-0.08	0.224	0.274
	LTE Band 7	20M	QPSK	1	0	-	Back	8mm	Ant 3	DSI 4	21100	2535	23.12	24.00	1.225	-	-	0.13	0.398	0.487
	LTE Band 7	20M	QPSK	1	0	-	Top Side	13mm	Ant 3	DSI 4	21100	2535	23.12	24.00	1.225	-	-	0.12	0.242	0.296
	LTE Band 7	20M	QPSK	1	0	-	Front	0mm	Ant 0	DSI 6	21100	2535	22.25	23.00	1.189	-	-	0.02	1.180	1.402
	LTE Band 7	20M	QPSK	50	0	-	Front	0mm	Ant 0	DSI 6	21100	2535	21.31	22.00	1.172	-	-	0.03	0.659	0.772
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 6	21100	2535	22.25	23.00	1.189	-	-	-0.14	1.170	1.391
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 6	21100	2535	21.31	22.00	1.172	-	-	0.13	0.659	0.772
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	21100	2535	22.25	23.00	1.189	-	-	-0.03	1.760	2.092
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	20850	2510	22.19	23.00	1.205	-	-	-0.12	1.690	2.037
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	21350	2560	22.16	23.00	1.213	-	-	0.06	1.750	2.123
	LTE Band 7	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 4	21100	2535	21.31	22.00	1.172	-	-	0.18	0.947	1.110
	LTE Band 7	20M	QPSK	100	0	-	Right Side	0mm	Ant 0	DSI 4	21100	2535	21.26	22.00	1.186	-	-	0.1	0.963	1.142
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	21100	2535	22.25	23.00	1.189	-	-	-0.05	1.980	2.353
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	20850	2510	22.19	23.00	1.205	-	-	-0.01	1.930	2.326
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	21350	2560	22.16	23.00	1.213	-	-	0.02	2.160	2.621
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 6	21100	2535	21.31	22.00	1.172	-	-	0.07	1.070	1.254
	LTE Band 7	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 0	DSI 6	21100	2535	21.26	22.00	1.186	-	-	-0.18	1.040	1.233
	LTE Band 7_Other Path	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	21350	2560	22.16	23.00	1.213	-	-	0.02	2.020	2.451
	LTE Band 7C	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 6	21350+ 21152	2560+ 2540.2	22.07	23.00	1.239	-	-	0.03	2.080	2.577
	LTE Band 7	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 6	21100	2535	23.02	24.00	1.253	-	-	-0.07	1.550	1.942
	LTE Band 7	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSI 6	21100	2535	22.08	23.00	1.236	-	-	0.13	1.470	1.817
	LTE Band 7C	20M	QPSK	1	99	-	Left Side	0mm	Ant 1	DSI 6	21100+ 21298	2535+ 2554.8	22.98	24.00	1.265	-	-	-0.08	1.480	1.872
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	40620	2593	23.51	24.40	1.227	62.9	1.006	0.08	1.680	2.074
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	39750	2506	23.47	24.40	1.239	62.9	1.006	-0.17	1.670	2.081
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	40185	2549.5	23.47	24.40	1.239	62.9	1.006	0.15	1.810	2.256
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	41055	2636.5	23.43	24.40	1.250	62.9	1.006	-0.17	1.920	2.415



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 2	DSI 6	41490	2680	23.46	24.40	1.242	62.9	1.006	-0.02	1.950	2.436
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	40620	2593	23.00	24.00	1.259	62.9	1.006	0.09	1.250	1.583
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	39750	2506	22.86	24.00	1.300	62.9	1.006	0.01	1.210	1.583
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	40185	2549.5	22.95	24.00	1.274	62.9	1.006	0.05	1.260	1.614
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	41055	2636.5	22.94	24.00	1.276	62.9	1.006	-0.16	1.190	1.528
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 2	DSI 6	41490	2680	22.82	24.00	1.312	62.9	1.006	0.08	1.200	1.584
	LTE Band 41	20M	QPSK	100	0	-	Front	0mm	Ant 2	DSI 6	40620	2593	22.96	24.00	1.271	62.9	1.006	0.1	1.360	1.738
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 6	40620	2593	23.51	24.40	1.227	62.9	1.006	0.12	1.170	1.445
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 6	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.11	1.080	1.368
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	40620	2593	23.51	24.40	1.227	62.9	1.006	-0.01	1.860	2.297
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	39750	2506	23.47	24.40	1.239	62.9	1.006	0.12	2.490	3.103
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	40185	2549.5	23.47	24.40	1.239	62.9	1.006	-0.03	2.560	3.190
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	41055	2636.5	23.43	24.40	1.250	62.9	1.006	-0.01	1.860	2.339
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	41490	2680	23.46	24.40	1.242	62.9	1.006	-0.06	1.820	2.273
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	40620	2593	23.00	24.00	1.259	62.9	1.006	-0.1	1.440	1.824
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	39750	2506	22.86	24.00	1.300	62.9	1.006	-0.09	1.380	1.805
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	40185	2549.5	22.95	24.00	1.274	62.9	1.006	-0.17	1.410	1.806
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	41055	2636.5	22.94	24.00	1.276	62.9	1.006	-0.09	1.430	1.836
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 2	DSI 6	41490	2680	22.82	24.00	1.312	62.9	1.006	0.18	1.400	1.848
	LTE Band 41	20M	QPSK	100	0	-	Left Side	0mm	Ant 2	DSI 6	40620	2593	22.96	24.00	1.271	62.9	1.006	0.12	1.490	1.905
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	40185	2549.5	25.04	26.00	1.247	42.9	1.009	0.02	2.510	3.159
	LTE Band 41C	20M	QPSK	1	99	-	Left Side	0mm	Ant 2	DSI 6	40185+40383	2549.5+2569.3	23.35	24.40	1.274	62.9	1.006	0.07	2.260	2.895
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Left Side	0mm	Ant 2	DSI 6	40185+40383	2549.5+2569.3	24.87	26.00	1.297	42.9	1.009	-0.18	2.210	2.893
	LTE Band 41	20M	QPSK	1	0	-	Front	8mm	Ant 2	DSI 4	40620	2593	23.98	25.00	1.265	62.9	1.006	0.03	0.336	0.428
	LTE Band 41	20M	QPSK	1	0	-	Back	7mm	Ant 2	DSI 4	40620	2593	23.98	25.00	1.265	62.9	1.006	0.18	0.415	0.528
	LTE Band 41	20M	QPSK	1	0	-	Left Side	13mm	Ant 2	DSI 4	40620	2593	23.98	25.00	1.265	62.9	1.006	0.16	0.313	0.398
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	8mm	Ant 2	DSI 4	40620	2593	26.00	27.00	1.259	42.9	1.009	-0.1	0.437	0.555
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	7mm	Ant 2	DSI 4	40620	2593	26.00	27.00	1.259	42.9	1.009	0.07	0.458	0.582
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Side	13mm	Ant 2	DSI 4	40620	2593	26.00	27.00	1.259	42.9	1.009	0.18	0.411	0.522
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	40620	2593	21.29	22.30	1.262	62.9	1.006	-0.03	1.580	2.006
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	39750	2506	21.27	22.30	1.268	62.9	1.006	0.13	1.530	1.951
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	40185	2549.5	21.18	22.30	1.294	62.9	1.006	-0.11	1.490	1.940
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	41055	2636.5	21.18	22.30	1.294	62.9	1.006	0.09	1.480	1.927
	LTE Band 41	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	41490	2680	21.18	22.30	1.294	62.9	1.006	0.15	1.680	2.187
	LTE Band 41	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 6	40620	2593	21.26	22.30	1.271	62.9	1.006	-0.11	0.994	1.271
	LTE Band 41	20M	QPSK	100	0	-	Front	0mm	Ant 3	DSI 6	40620	2593	21.25	22.30	1.274	62.9	1.006	0.06	1.010	1.294
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 6	40620	2593	21.29	22.30	1.262	62.9	1.006	-0.02	0.975	1.238
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 6	40620	2593	21.26	22.30	1.271	62.9	1.006	-0.05	0.803	1.026
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 3	DSI 6	40620	2593	21.29	22.30	1.262	62.9	1.006	-0.08	0.803	1.019
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 3	DSI 6	40620	2593	21.26	22.30	1.271	62.9	1.006	-0.17	0.724	0.925
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	40620	2593	21.29	22.30	1.262	62.9	1.006	-0.05	2.250	2.856
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	39750	2506	21.27	22.30	1.268	62.9	1.006	-0.02	2.380	3.035
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	40185	2549.5	21.18	22.30	1.294	62.9	1.006	-0.08	2.340	3.047
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	41055	2636.5	21.18	22.30	1.294	62.9	1.006	0.18	2.430	3.164
113	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	41490	2680	21.18	22.30	1.294	62.9	1.006	-0.19	2.460	3.203
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	40620	2593	21.26	22.30	1.271	62.9	1.006	0.06	1.920	2.454
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	39750	2506	21.24	22.30	1.276	62.9	1.006	0.04	1.930	2.478
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	40185	2549.5	21.13	22.30	1.309	62.9	1.006	0.01	1.980	2.608
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	41055	2636.5	21.16	22.30	1.300	62.9	1.006	-0.18	2.080	2.721
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	41490	2680	21.17	22.30	1.297	62.9	1.006	0.08	2.080	2.714
	LTE Band 41	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 6	40620	2593	21.25	22.30	1.274	62.9	1.006	-0.07	1.860	2.383
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	41490	2680	22.74	23.90	1.306	42.9	1.009	0.18	2.370	3.123
	LTE Band 41C	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	41490+41292	2680+2660.2	21.00	22.30	1.349	62.9	1.006	0.03	2.180	2.958
	LTE Band 41C HPUE	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	41490+41292	2680+2660.2	22.62	23.90	1.343	42.9	1.009	-0.15	2.150	2.913
	LTE Band 41	20M	QPSK	1	0	-	Front	9mm	Ant 3	DSI 4	40620	2593	24.26	25.00	1.186	62.9	1.006	-0.1	0.276	0.329



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 41	20M	QPSK	1	0	-	Back	8mm	Ant 3	DSI 4	40620	2593	24.26	25.00	1.186	62.9	1.006	0.01	0.424	0.506
	LTE Band 41	20M	QPSK	1	0	-	Left Side	7mm	Ant 3	DSI 4	40620	2593	24.26	25.00	1.186	62.9	1.006	-0.15	0.439	0.524
	LTE Band 41	20M	QPSK	1	0	-	Top Side	13mm	Ant 3	DSI 4	40620	2593	24.26	25.00	1.186	62.9	1.006	0.19	0.199	0.237
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Front	9mm	Ant 3	DSI 4	40620	2593	26.19	27.00	1.205	42.9	1.009	0.07	0.361	0.439
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Back	8mm	Ant 3	DSI 4	40620	2593	26.19	27.00	1.205	42.9	1.009	-0.18	0.508	0.618
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Side	7mm	Ant 3	DSI 4	40620	2593	26.19	27.00	1.205	42.9	1.009	0.03	0.509	0.619
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Top Side	13mm	Ant 3	DSI 4	40620	2593	26.19	27.00	1.205	42.9	1.009	-0.15	0.261	0.317
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	40620	2593	23.45	24.00	1.135	62.9	1.006	-0.14	1.280	1.462
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 4	40620	2593	22.50	23.00	1.122	62.9	1.006	0.18	1.040	1.174
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	40620	2593	25.50	27.00	1.413	42.9	1.009	-0.12	1.460	2.081
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	39750	2506	25.46	27.00	1.426	42.9	1.009	-0.16	1.380	1.985
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	40185	2549.5	25.33	27.00	1.469	42.9	1.009	-0.06	1.400	2.075
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	41055	2636.5	25.41	27.00	1.442	42.9	1.009	-0.09	1.390	2.023
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 4	41490	2680	25.36	27.00	1.459	42.9	1.009	-0.04	1.350	1.987
	LTE Band 41C	20M	QPSK	1	99	-	Right Side	0mm	Ant 0	DSI 4	40620+40818	2593+2612.8	23.35	24.00	1.161	62.9	1.006	-0.15	1.010	1.180
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Right Side	0mm	Ant 0	DSI 4	40620+40818	2593+2612.8	25.37	27.00	1.455	42.9	1.009	0.19	1.210	1.777
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 6	40620	2593	23.96	25.00	1.271	62.9	1.006	0.18	1.550	1.981
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 6	39750	2506	23.85	25.00	1.303	62.9	1.006	0.03	1.460	1.914
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 6	40185	2549.5	23.81	25.00	1.315	62.9	1.006	0.01	1.290	1.707
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 6	41055	2636.5	23.94	25.00	1.276	62.9	1.006	-0.14	1.330	1.708
	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 6	41490	2680	23.88	25.00	1.294	62.9	1.006	0.15	1.350	1.758
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSI 6	40620	2593	23.00	24.00	1.259	62.9	1.006	0.01	1.260	1.596
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSI 6	39750	2506	22.90	24.00	1.288	62.9	1.006	-0.18	1.210	1.568
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSI 6	40185	2549.5	22.81	24.00	1.315	62.9	1.006	0.11	1.200	1.588
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSI 6	41055	2636.5	22.95	24.00	1.274	62.9	1.006	0.08	1.190	1.525
	LTE Band 41	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSI 6	41490	2680	22.89	24.00	1.291	62.9	1.006	-0.1	1.180	1.533
	LTE Band 41	20M	QPSK	100	0	-	Left Side	0mm	Ant 1	DSI 6	40620	2593	22.99	24.00	1.262	62.9	1.006	0.06	1.150	1.460
	LTE Band 41 HPUE	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 6	40620	2593	26.02	27.00	1.253	42.9	1.009	-0.16	1.820	2.301
	LTE Band 41C	20M	QPSK	1	99	-	Left Side	0mm	Ant 1	DSI 6	40620+40818	2593+2612.8	23.84	25.00	1.306	62.9	1.006	-0.15	1.260	1.656
	LTE Band 41C HPUE	20M	QPSK	1	99	-	Left Side	0mm	Ant 1	DSI 6	40620+40818	2593+2612.8	25.87	27.00	1.297	42.9	1.009	0.11	1.680	2.199
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	507000	2535	23.12	24.00	1.225	-	-	0.08	1.780	2.180
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	507000	2535	22.97	24.00	1.268	-	-	0.19	1.820	2.307
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	0mm	Ant 2	DSI 6	507000	2535	22.14	23.00	1.219	-	-	-0.06	1.520	1.853
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	507000	2535	23.12	24.00	1.225	-	-	0.12	1.360	1.665
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	0mm	Ant 2	DSI 6	507000	2535	22.97	24.00	1.268	-	-	-0.03	1.470	1.863
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	507000	2535	23.12	24.00	1.225	-	-	-0.12	2.490	3.049
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	507000	2535	22.97	24.00	1.268	-	-	-0.03	2.080	2.637
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	507000	2535	22.14	23.00	1.219	-	-	0.02	1.950	2.377
	FR1 n7_Main PA	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 2	DSI 6	507000	2535	23.49	24.00	1.125	-	-	0.01	2.560	2.879
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	507000	2535	19.89	20.90	1.262	-	-	0.01	1.450	1.830
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	0mm	Ant 3	DSI 6	507000	2535	19.86	20.90	1.271	-	-	-0.11	1.430	1.817
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 6	507000	2535	19.89	20.90	1.262	-	-	-0.05	0.986	1.244
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	0mm	Ant 3	DSI 6	507000	2535	19.86	20.90	1.271	-	-	0.14	1.030	1.309
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	507000	2535	19.89	20.90	1.262	-	-	-0.12	1.850	2.334
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	507000	2535	19.86	20.90	1.271	-	-	0.07	1.910	2.427
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	507000	2535	19.82	20.90	1.282	-	-	0.09	1.590	2.039
114	FR1 n7_Code 2	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	0mm	Ant 3	DSI 6	507000	2535	19.86	20.90	1.271	-	-	0.04	2.490	3.164
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	9mm	Ant 3	DSI 4	507000	2535	23.51	24.00	1.119	-	-	-0.15	0.245	0.274
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	8mm	Ant 3	DSI 4	507000	2535	23.51	24.00	1.119	-	-	0.11	0.468	0.524
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	13mm	Ant 3	DSI 4	507000	2535	23.51	24.00	1.119	-	-	-0.08	0.216	0.242
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	0mm	Ant 0	DSI 4	507000	2535	22.92	24.00	1.282	-	-	0.01	1.530	1.962
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	0mm	Ant 0	DSI 4	507000	2535	22.87	24.00	1.297	-	-	0.02	1.520	1.972
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	507000	2535	22.92	24.00	1.282	-	-	-0.01	2.060	2.642
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	507000	2535	22.87	24.00	1.297	-	-	0.09	2.190	2.841
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	507000	2535	22.07	23.00	1.239	-	-	0.1	1.930	2.391



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n7_Other Path	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0	DSI 6	507000	2535	22.46	24.00	1.426	-	-	0.03	1.910	2.723
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 1	DSI 6	507000	2535	23.35	24.00	1.161	-	-	-0.03	1.290	1.498
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	0mm	Ant 1	DSI 6	507000	2535	23.12	24.00	1.225	-	-	0.09	1.470	1.800
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSI 6	507000	2535	23.35	24.00	1.161	-	-	-0.05	1.750	2.033
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSI 6	507000	2535	23.12	24.00	1.225	-	-	-0.03	1.870	2.290
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Left Side	0mm	Ant 1	DSI 6	507000	2535	22.29	23.00	1.178	-	-	0.17	1.610	1.896
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 1	DSI 4	507000	2535	23.35	24.00	1.161	-	-	-0.14	1.720	1.998
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	0mm	Ant 1	DSI 4	507000	2535	23.12	24.00	1.225	-	-	0.06	1.750	2.143
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant 1	DSI 4	507000	2535	22.29	23.00	1.178	-	-	-0.06	1.620	1.908
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 2	DSI 6	518598	2592.99	22.61	23.80	1.315	-	-	0.08	1.640	2.157
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 2	DSI 6	518598	2592.99	22.59	23.80	1.321	-	-	-0.14	1.870	2.471
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	0mm	Ant 2	DSI 6	518598	2592.99	22.60	23.00	1.096	-	-	0.01	1.800	1.974
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI 6	518598	2592.99	22.61	23.80	1.315	-	-	0.18	1.490	1.960
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI 6	518598	2592.99	22.59	23.80	1.321	-	-	0.02	1.550	2.048
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 2	DSI 6	518598	2592.99	22.60	23.00	1.096	-	-	0.16	1.480	1.623
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 2	DSI 6	518598	2592.99	22.61	23.80	1.315	-	-	0.06	2.420	3.183
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 2	DSI 6	518598	2592.99	22.59	23.80	1.321	-	-	-0.02	2.170	2.867
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 2	DSI 6	518598	2592.99	22.60	23.00	1.096	-	-	0.07	2.020	2.215
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 2	DSI 6	518598	2592.99	25.67	26.80	1.297	50	1.000	-0.17	2.310	2.996
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 2	DSI 4	518598	2592.99	23.65	24.00	1.084	-	-	-0.17	0.453	0.491
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 2	DSI 4	518598	2592.99	23.65	24.00	1.084	-	-	-0.08	0.569	0.617
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 2	DSI 4	518598	2592.99	23.65	24.00	1.084	-	-	-0.04	0.461	0.500
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 2	DSI 4	518598	2592.99	26.35	27.00	1.161	50	1.000	-0.08	0.444	0.516
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 2	DSI 4	518598	2592.99	26.35	27.00	1.161	50	1.000	0.17	0.571	0.663
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 2	DSI 4	518598	2592.99	26.35	27.00	1.161	50	1.000	0.18	0.469	0.545
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	518598	2592.99	20.59	21.70	1.291	-	-	0.07	1.670	2.156
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	518598	2592.99	20.56	21.70	1.300	-	-	0.15	1.630	2.119
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	518598	2592.99	20.54	21.70	1.306	-	-	0.14	1.480	1.933
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	518598	2592.99	20.59	21.70	1.291	-	-	-0.03	1.190	1.537
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	518598	2592.99	20.56	21.70	1.300	-	-	-0.14	1.020	1.326
115	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	518598	2592.99	20.59	21.70	1.291	-	-	0.11	2.470	3.189
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	518598	2592.99	20.56	21.70	1.300	-	-	0.07	2.140	2.782
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	518598	2592.99	20.54	21.70	1.306	-	-	-0.04	1.960	2.560
	FR1 n41_Code 2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	518598	2592.99	20.59	21.70	1.291	-	-	-0.18	2.390	3.086
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	518598	2592.99	23.61	24.70	1.285	50	1.000	-0.13	2.380	3.059
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3	DSI 4	518598	2592.99	23.67	24.50	1.211	-	-	-0.04	0.415	0.502
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	8mm	Ant 3	DSI 4	518598	2592.99	23.67	24.50	1.211	-	-	-0.08	0.440	0.533
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3	DSI 4	518598	2592.99	23.67	24.50	1.211	-	-	-0.13	0.337	0.408
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3	DSI 4	518598	2592.99	26.69	27.50	1.205	50	1.000	-0.13	0.422	0.509
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	8mm	Ant 3	DSI 4	518598	2592.99	26.69	27.50	1.205	50	1.000	0.06	0.451	0.543
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3	DSI 4	518598	2592.99	26.69	27.50	1.205	50	1.000	-0.03	0.349	0.421
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 0	DSI 6	518598	2592.99	23.49	24.00	1.125	-	-	-0.02	1.210	1.361
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 0	DSI 6	518598	2592.99	23.25	24.00	1.189	-	-	-0.1	1.460	1.735
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 0	DSI 6	518598	2592.99	23.49	24.00	1.125	-	-	0.04	1.250	1.406
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 0	DSI 6	518598	2592.99	23.25	24.00	1.189	-	-	-0.05	1.440	1.711
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 0	DSI 4	518598	2592.99	23.49	24.00	1.125	-	-	0.14	1.300	1.462
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 0	DSI 4	518598	2592.99	23.25	24.00	1.189	-	-	0.03	1.250	1.486
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	DSI 6	518598	2592.99	23.49	24.00	1.125	-	-	0.01	2.340	2.632
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	DSI 6	518598	2592.99	23.25	24.00	1.189	-	-	-0.06	2.400	2.852
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	DSI 6	518598	2592.99	22.36	23.00	1.159	-	-	0.14	1.960	2.271
	FR1 n41 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0	DSI 6	518598	2592.99	26.36	27.00	1.159	50	1.000	-0.09	2.330	2.700
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 1	DSI 6	518598	2592.99	23.39	24.00	1.151	-	-	0.11	2.250	2.589
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 1	DSI 6	518598	2592.99	23.26	24.00	1.186	-	-	-0.05	2.110	2.502
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 1	DSI 6	518598	2592.99	22.23	23.00	1.194	-	-	0.18	2.160	2.579
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 1	DSI 4	518598	2592.99	23.39	24.00	1.151	-	-	0.14	2.200	2.532
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 1	DSI 4	518598	2592.99	23.26	24.00	1.186	-	-	-0.17	2.130	2.526



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	0mm	Ant 1	DSI 4	518598	2592.99	22.23	23.00	1.194	-	-	0.17	2.120	2.531
	FR1 n41 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 1	DSI 6	518598	2592.99	26.26	27.00	1.186	50	1.000	-0.05	2.040	2.419
3500-3900MHz																				
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 4	DSI 6	42590	3500	22.49	23.50	1.262	62.9	1.006	-0.18	1.600	2.031
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 4	DSI 6	42190	3460	22.44	23.50	1.276	62.9	1.006	0.06	1.730	2.221
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 4	DSI 6	42990	3540	22.46	23.50	1.271	62.9	1.006	0.05	1.710	2.186
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	0mm	Ant 4	DSI 6	42590	3500	22.00	23.00	1.259	62.9	1.006	0.18	1.150	1.456
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Front	0mm	Ant 4	DSI 6	42590	3500	21.96	23.00	1.271	62.9	1.006	0.14	1.070	1.368
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	0mm	Ant 4	DSI 6	42590	3500	22.49	23.50	1.262	62.9	1.006	-0.13	1.120	1.422
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	0mm	Ant 4	DSI 6	42590	3500	22.00	23.00	1.259	62.9	1.006	-0.05	0.713	0.903
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	42590	3500	22.49	23.50	1.262	62.9	1.006	0.16	2.240	2.843
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	42190	3460	22.44	23.50	1.276	62.9	1.006	0.02	2.470	3.172
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	42990	3540	22.46	23.50	1.271	62.9	1.006	0.17	2.140	2.735
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	DSI 6	42590	3500	22.00	23.00	1.259	62.9	1.006	0.1	1.560	1.976
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Left Side	0mm	Ant 4	DSI 6	42590	3500	21.96	23.00	1.271	62.9	1.006	0.03	1.410	1.802
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 4	42590	3500	22.95	24.00	1.274	62.9	1.006	-0.02	1.480	1.896
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSI 4	42590	3500	21.99	23.00	1.262	62.9	1.006	-0.17	1.420	1.803
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Left Side	0mm	Ant 4	DSI 6	42190+ 42388	3460+ 3479.8	22.27	23.50	1.327	62.9	1.006	0.07	2.210	2.951
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	8mm	Ant 4	DSI 4	42590	3500	22.95	24.00	1.274	62.9	1.006	-0.03	0.261	0.334
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	7mm	Ant 4	DSI 4	42590	3500	22.95	24.00	1.274	62.9	1.006	0.08	0.320	0.410
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Left Side	13mm	Ant 4	DSI 4	42590	3500	22.95	24.00	1.274	62.9	1.006	-0.07	0.287	0.368
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 8	DSI 6	42590	3500	21.58	22.70	1.294	62.9	1.006	0.09	1.170	1.523
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	0mm	Ant 8	DSI 6	42590	3500	21.56	22.70	1.300	62.9	1.006	0.1	0.788	1.031
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	0mm	Ant 8	DSI 6	42590	3500	21.58	22.70	1.294	62.9	1.006	0.16	0.846	1.101
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	0mm	Ant 8	DSI 6	42590	3500	21.56	22.70	1.300	62.9	1.006	0.11	0.547	0.715
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 6	42590	3500	21.58	22.70	1.294	62.9	1.006	0.09	2.160	2.812
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 6	42190	3460	21.50	22.70	1.318	62.9	1.006	0.02	2.290	3.037
116	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 6	42990	3540	21.51	22.70	1.315	62.9	1.006	-0.13	2.410	3.189
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Right Side	0mm	Ant 8	DSI 6	42590	3500	21.56	22.70	1.300	62.9	1.006	-0.07	1.370	1.792
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Right Side	0mm	Ant 8	DSI 6	42590	3500	21.54	22.70	1.306	62.9	1.006	0.14	1.380	1.813
	LTE Band 42C Part 27Q	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 6	42990+ 42792	3540+ 3520.2	21.33	22.70	1.371	62.9	1.006	0.18	2.110	2.910
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	10mm	Ant 8	DSI 4	42590	3500	23.02	24.00	1.253	62.9	1.006	0.05	0.332	0.419
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	7mm	Ant 8	DSI 4	42590	3500	23.02	24.00	1.253	62.9	1.006	-0.11	0.357	0.450
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Right Side	14mm	Ant 8	DSI 4	42590	3500	23.02	24.00	1.253	62.9	1.006	-0.12	0.275	0.347
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	42590	3500	21.93	22.80	1.222	62.9	1.006	0.11	1.440	1.770
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	0mm	Ant 3	DSI 6	42590	3500	20.91	22.00	1.285	62.9	1.006	-0.07	1.270	1.642
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 6	42590	3500	21.93	22.80	1.222	62.9	1.006	-0.16	1.250	1.536
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 6	42590	3500	20.91	22.00	1.285	62.9	1.006	0.14	0.759	0.981
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	42590	3500	21.93	22.80	1.222	62.9	1.006	0.03	2.340	2.876
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	42190	3460	21.89	22.80	1.233	62.9	1.006	0.14	2.570	3.188
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	42990	3540	21.86	22.80	1.242	62.9	1.006	0.12	2.340	2.923
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	42590	3500	20.91	22.00	1.285	62.9	1.006	0.1	1.470	1.901
	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 6	42590	3500	20.90	22.00	1.288	62.9	1.006	0.16	1.440	1.866
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Top Side	0mm	Ant 3	DSI 6	42190+ 42388	3460+ 3479.8	21.78	22.80	1.265	62.9	1.006	-0.1	2.210	2.812
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	9mm	Ant 3	DSI 4	42590	3500	21.93	23.00	1.279	62.9	1.006	-0.08	0.485	0.624
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	8mm	Ant 3	DSI 4	42590	3500	21.93	23.00	1.279	62.9	1.006	0.1	0.423	0.544
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	13mm	Ant 3	DSI 4	42590	3500	21.93	23.00	1.279	62.9	1.006	-0.18	0.395	0.508
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Front	0mm	Ant 5	DSI 4	42590	3500	22.13	23.00	1.222	62.9	1.006	0.11	1.270	1.561
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Front	0mm	Ant 5	DSI 4	42590	3500	21.18	22.00	1.208	62.9	1.006	-0.18	0.856	1.040
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Back	0mm	Ant 5	DSI 4	42590	3500	22.13	23.00	1.222	62.9	1.006	-0.14	0.686	0.843
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Back	0mm	Ant 5	DSI 4	42590	3500	21.18	22.00	1.208	62.9	1.006	0.06	0.449	0.546
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI 4	42590	3500	22.13	23.00	1.222	62.9	1.006	-0.09	2.340	2.876
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI 4	42190	3460	22.08	23.00	1.236	62.9	1.006	0.13	2.420	3.009
	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI 4	42990	3540	22.05	23.00	1.245	62.9	1.006	-0.11	2.160	2.704
	LTE Band 42 Part 27Q	20M	QPSK	50	0	-	Top Side	0mm	Ant 5	DSI 4	42590	3500	21.18	22.00	1.208	62.9	1.006	-0.1	1.270	1.543



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 42 Part 27Q	20M	QPSK	100	0	-	Top Side	0mm	Ant 5	DSI 4	42590	3500	21.16	22.00	1.213	62.9	1.006	0.05	1.260	1.538
	LTE Band 42C Part 27Q	20M	QPSK	1	99	-	Top Side	0mm	Ant 5	DSI 4	42190+ 42388	3460+ 3479.8	21.98	23.00	1.265	62.9	1.006	0.01	2.230	2.837
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 4	DSI 6	55830	3609	22.72	23.50	1.197	62.9	1.006	0.12	1.890	2.275
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 4	DSI 6	55340	3560	22.58	23.50	1.236	62.9	1.006	-0.13	1.640	2.039
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 4	DSI 6	56150	3641	22.65	23.50	1.216	62.9	1.006	-0.18	2.040	2.496
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 4	DSI 6	56640	3690	22.61	23.50	1.227	62.9	1.006	-0.18	2.100	2.593
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 4	DSI 6	55830	3609	22.69	23.50	1.205	62.9	1.006	0.09	1.140	1.382
	LTE Band 48	20M	QPSK	100	0	-	Front	0mm	Ant 4	DSI 6	55830	3609	22.68	23.50	1.208	62.9	1.006	0.01	1.200	1.458
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 4	DSI 6	55830	3609	22.72	23.50	1.197	62.9	1.006	-0.19	1.180	1.421
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 4	DSI 6	55830	3609	22.69	23.50	1.205	62.9	1.006	0.11	0.876	1.062
	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	55830	3609	22.72	23.50	1.197	62.9	1.006	0.07	2.510	3.022
	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	55340	3560	22.58	23.50	1.236	62.9	1.006	-0.12	2.360	2.934
	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	56150	3641	22.65	23.50	1.216	62.9	1.006	-0.12	2.540	3.108
	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	56640	3690	22.61	23.50	1.227	62.9	1.006	0.18	2.580	3.186
	LTE Band 48	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	DSI 6	55830	3609	22.69	23.50	1.205	62.9	1.006	0.07	1.820	2.206
	LTE Band 48	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	DSI 6	55340	3560	22.68	23.50	1.208	62.9	1.006	0.15	1.720	2.090
	LTE Band 48	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	DSI 6	56150	3641	22.63	23.50	1.222	62.9	1.006	-0.14	1.810	2.225
	LTE Band 48	20M	QPSK	50	0	-	Left Side	0mm	Ant 4	DSI 6	56640	3690	22.62	23.50	1.225	62.9	1.006	-0.13	1.860	2.291
	LTE Band 48	20M	QPSK	100	0	-	Left Side	0mm	Ant 4	DSI 6	55830	3609	22.68	23.50	1.208	62.9	1.006	-0.09	1.770	2.151
	LTE Band 48C	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	56640+ 56442	3690+ 3670.2	22.50	23.50	1.259	62.9	1.006	0.02	2.320	2.938
	LTE Band 48	20M	QPSK	1	0	-	Front	8mm	Ant 4	DSI 4	55830	3609	23.87	25.00	1.297	62.9	1.006	0.15	0.397	0.518
	LTE Band 48	20M	QPSK	1	0	-	Back	7mm	Ant 4	DSI 4	55830	3609	23.87	25.00	1.297	62.9	1.006	-0.09	0.517	0.675
	LTE Band 48	20M	QPSK	1	0	-	Left Side	13mm	Ant 4	DSI 4	55830	3609	23.87	25.00	1.297	62.9	1.006	0.11	0.340	0.444
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 8	DSI 6	55830	3609	21.68	22.40	1.180	62.9	1.006	-0.05	1.860	2.209
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 8	DSI 6	55340	3560	21.57	22.40	1.211	62.9	1.006	-0.04	1.850	2.253
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 8	DSI 6	56150	3641	21.51	22.40	1.227	62.9	1.006	-0.1	1.900	2.346
	LTE Band 48	20M	QPSK	1	0	-	Front	0mm	Ant 8	DSI 6	56640	3690	21.58	22.40	1.208	62.9	1.006	-0.1	1.920	2.333
	LTE Band 48	20M	QPSK	50	0	-	Front	0mm	Ant 8	DSI 6	55830	3609	21.63	22.40	1.194	62.9	1.006	-0.16	1.090	1.309
	LTE Band 48	20M	QPSK	100	0	-	Front	0mm	Ant 8	DSI 6	55830	3609	21.67	22.40	1.183	62.9	1.006	-0.03	1.120	1.333
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 8	DSI 6	55830	3609	21.68	22.40	1.180	62.9	1.006	0.19	1.220	1.449
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 8	DSI 6	55830	3609	21.63	22.40	1.194	62.9	1.006	-0.06	0.891	1.070
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 6	55830	3609	21.68	22.40	1.180	62.9	1.006	0.04	2.410	2.862
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 6	55340	3560	21.57	22.40	1.211	62.9	1.006	-0.06	2.210	2.691
117	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 6	56150	3641	21.51	22.40	1.227	62.9	1.006	0.18	2.580	3.186
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 8	DSI 6	56640	3690	21.58	22.40	1.208	62.9	1.006	-0.05	2.500	3.038
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 8	DSI 6	55830	3609	21.63	22.40	1.194	62.9	1.006	-0.07	1.720	2.066
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 8	DSI 6	55340	3560	21.55	22.40	1.216	62.9	1.006	-0.11	1.690	2.068
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 8	DSI 6	56150	3641	21.59	22.40	1.205	62.9	1.006	0.1	1.660	2.012
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 8	DSI 6	56640	3690	21.53	22.40	1.222	62.9	1.006	0.15	1.680	2.065
	LTE Band 48	20M	QPSK	100	0	-	Right Side	0mm	Ant 8	DSI 6	55830	3609	21.67	22.40	1.183	62.9	1.006	-0.15	1.650	1.964
	LTE Band 48C	20M	QPSK	1	99	-	Right Side	0mm	Ant 8	DSI 6	56150+ 56348	3641+ 3660.8	21.30	22.40	1.288	62.9	1.006	0.06	2.250	2.916
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 8	DSI 4	55830	3609	23.99	24.50	1.125	62.9	1.006	-0.05	0.290	0.328
	LTE Band 48	20M	QPSK	1	0	-	Back	7mm	Ant 8	DSI 4	55830	3609	23.99	24.50	1.125	62.9	1.006	-0.08	0.616	0.697
	LTE Band 48	20M	QPSK	1	0	-	Right Side	14mm	Ant 8	DSI 4	55830	3609	23.99	24.50	1.125	62.9	1.006	0.16	0.448	0.507
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 3	DSI 6	55830	3609	23.51	24.00	1.119	62.9	1.006	-0.03	0.895	1.008
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 3	DSI 6	55830	3609	22.56	23.00	1.107	62.9	1.006	0.02	0.577	0.642
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	55830	3609	23.51	24.00	1.119	62.9	1.006	-0.16	1.860	2.095
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	55340	3560	23.49	24.00	1.125	62.9	1.006	-0.17	1.850	2.093
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	56150	3641	23.45	24.00	1.135	62.9	1.006	0.13	1.790	2.044
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	56640	3690	23.43	24.00	1.140	62.9	1.006	0.18	1.770	2.030
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 6	55830	3609	22.56	23.00	1.107	62.9	1.006	-0.18	1.180	1.314
	LTE Band 48	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 6	55830	3609	22.54	23.00	1.112	62.9	1.006	0.06	1.130	1.264
	LTE Band 48C	20M	QPSK	1	99	-	Top Side	0mm	Ant 3	DSI 6	55830+ 56028	3609+ 3628.8	23.45	24.00	1.135	62.9	1.006	0.03	1.750	1.998
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI 4	55830	3609	22.63	24.00	1.371	62.9	1.006	-0.09	1.640	2.262
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI 4	55340	3560	22.57	24.00	1.390	62.9	1.006	0.14	1.830	2.559



FCC SAR Test Report

Report No. : FA4N2802

	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI 4	56150	3641	22.52	24.00	1.406	62.9	1.006	0.06	1.650	2.334
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 5	DSI 4	56640	3690	22.60	24.00	1.380	62.9	1.006	-0.01	1.620	2.250
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 5	DSI 4	55830	3609	21.63	23.00	1.371	62.9	1.006	0.03	1.070	1.476
	LTE Band 48	20M	QPSK	100	0	-	Top Side	0mm	Ant 5	DSI 4	55830	3609	21.61	23.00	1.377	62.9	1.006	-0.1	1.010	1.399
	LTE Band 48C	20M	QPSK	1	99	-	Top Side	0mm	Ant 5	DSI 4	55340+ 55538	3560+ 3579.8	22.45	24.00	1.429	62.9	1.006	0.03	1.720	2.472
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	641666	3624.99	21.05	22.30	1.334	-	-	0.18	1.830	2.440
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	638000	3570	21.04	22.30	1.337	-	-	-0.17	1.800	2.406
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	645332	3679.98	20.98	22.30	1.355	-	-	-0.08	1.750	2.372
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	641666	3624.99	21.03	22.30	1.340	-	-	0.16	2.000	2.679
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	638000	3570	20.90	22.30	1.380	-	-	-0.04	1.920	2.650
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	645332	3679.98	21.01	22.30	1.346	-	-	-0.08	1.910	2.571
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	641666	3624.99	21.01	22.30	1.346	-	-	-0.1	2.030	2.732
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	641666	3624.99	21.05	22.30	1.334	-	-	0.07	1.660	2.214
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	638000	3570	21.04	22.30	1.337	-	-	0.17	1.580	2.112
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	645332	3679.98	20.98	22.30	1.355	-	-	0.18	1.620	2.195
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	641666	3624.99	21.03	22.30	1.340	-	-	0.18	1.590	2.130
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	638000	3570	20.90	22.30	1.380	-	-	-0.04	1.520	2.098
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	645332	3679.98	21.01	22.30	1.346	-	-	-0.08	1.550	2.086
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	641666	3624.99	21.01	22.30	1.346	-	-	-0.1	1.580	2.126
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	641666	3624.99	21.05	22.30	1.334	-	-	0.01	2.370	3.160
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	638000	3570	21.04	22.30	1.337	-	-	-0.13	2.310	3.088
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	645332	3679.98	20.98	22.30	1.355	-	-	-0.13	2.280	3.090
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	641666	3624.99	21.03	22.30	1.340	-	-	-0.15	2.290	3.068
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	638000	3570	20.90	22.30	1.380	-	-	0.06	2.210	3.051
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	645332	3679.98	21.01	22.30	1.346	-	-	-0.03	2.180	2.934
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	641666	3624.99	21.01	22.30	1.346	-	-	0.19	2.050	2.759
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSI 4	641666	3624.99	23.51	24.00	1.119	-	-	0.07	1.680	1.881
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSI 4	641666	3624.99	23.48	24.00	1.127	-	-	-0.18	1.560	1.758
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4	DSI 4	641666	3624.99	23.51	24.00	1.119	-	-	0.05	0.424	0.475
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4	DSI 4	641666	3624.99	23.51	24.00	1.119	-	-	0.05	0.516	0.578
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4	DSI 4	641666	3624.99	23.51	24.00	1.119	-	-	-0.03	0.465	0.521
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	641666	3624.99	20.42	21.40	1.253	-	-	-0.08	1.750	2.193
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	638000	3570	20.34	21.40	1.276	-	-	-0.06	1.660	2.119
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	645332	3679.98	20.39	21.40	1.262	-	-	-0.04	1.720	2.170
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	641666	3624.99	20.39	21.40	1.262	-	-	0.16	1.890	2.385
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	638000	3570	20.35	21.40	1.274	-	-	-0.09	1.810	2.305
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	645332	3679.98	20.30	21.40	1.288	-	-	-0.17	1.830	2.357
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	641666	3624.99	20.37	21.40	1.268	-	-	0.05	1.490	1.889
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI 6	641666	3624.99	20.42	21.40	1.253	-	-	0.05	1.180	1.479
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI 6	641666	3624.99	20.39	21.40	1.262	-	-	-0.03	1.100	1.388
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	641666	3624.99	20.42	21.40	1.253	-	-	0.02	2.530	3.170
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	638000	3570	20.34	21.40	1.276	-	-	-0.1	2.450	3.127
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	645332	3679.98	20.39	21.40	1.262	-	-	0.18	2.440	3.079
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	641666	3624.99	20.39	21.40	1.262	-	-	0.07	1.860	2.347
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	638000	3570	20.35	21.40	1.274	-	-	-0.17	1.800	2.292
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	645332	3679.98	20.30	21.40	1.288	-	-	-0.04	1.750	2.254
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	641666	3624.99	20.37	21.40	1.268	-	-	0.16	1.890	2.396
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI 4	641666	3624.99	23.99	24.50	1.125	-	-	-0.15	0.266	0.299
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 8	DSI 4	641666	3624.99	23.99	24.50	1.125	-	-	0.02	0.574	0.646
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 8	DSI 4	641666	3624.99	23.99	24.50	1.125	-	-	0.07	0.332	0.373
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	641666	3624.99	20.10	21.20	1.288	-	-	0.11	0.916	1.180
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	641666	3624.99	20.09	21.20	1.291	-	-	-0.05	0.811	1.047
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	641666	3624.99	20.10	21.20	1.288	-	-	0.14	0.677	0.872
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	641666	3624.99	20.09	21.20	1.291	-	-	-0.17	0.667	0.861
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	641666	3624.99	20.10	21.20	1.288	-	-	0.17	0.990	1.275
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	641666	3624.99	20.09	21.20	1.291	-	-	-0.05	1.030	1.330



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n48_Code 2	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	641666	3624.99	20.09	21.20	1.291	-	-	0.1	2.120	2.737
118	FR1 n48_Code 3	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	641666	3624.99	20.09	21.20	1.291	-	-	-0.17	2.470	3.189
	FR1 n48_Code 3	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	638000	3570	20.03	21.20	1.309	-	-	-0.08	2.350	3.077
	FR1 n48_Code 3	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	645332	3679.98	20.05	21.20	1.303	-	-	0.1	2.330	3.036
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3	DSI 4	641666	3624.99	23.70	24.50	1.202	-	-	0.16	0.259	0.311
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	8mm	Ant 3	DSI 4	641666	3624.99	23.70	24.50	1.202	-	-	0.13	0.300	0.361
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3	DSI 4	641666	3624.99	23.70	24.50	1.202	-	-	-0.18	0.195	0.234
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 5	DSI 4	641666	3624.99	21.15	22.30	1.303	-	-	0.17	1.520	1.981
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 5	DSI 4	641666	3624.99	21.12	22.30	1.312	-	-	-0.05	1.500	1.968
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 5	DSI 4	641666	3624.99	21.15	22.30	1.303	-	-	0.1	1.100	1.433
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 5	DSI 4	641666	3624.99	21.12	22.30	1.312	-	-	-0.17	0.977	1.282
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	641666	3624.99	21.15	22.30	1.303	-	-	0.04	2.410	3.141
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	638000	3570	21.12	22.30	1.312	-	-	0.13	2.330	3.057
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	645332	3679.98	21.10	22.30	1.318	-	-	0.12	2.360	3.111
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	641666	3624.99	21.12	22.30	1.312	-	-	-0.01	1.720	2.257
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	638000	3570	21.00	22.30	1.349	-	-	0.03	1.650	2.226
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	645332	3679.98	21.06	22.30	1.330	-	-	0.18	1.610	2.142
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	641666	3624.99	21.11	22.30	1.315	-	-	-0.08	1.890	2.486
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	656000	3840	19.09	20.00	1.233	-	-	0.11	1.530	1.887
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	656000	3840	19.06	20.00	1.242	-	-	-0.08	1.590	1.974
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	656000	3840	19.09	20.00	1.233	-	-	-0.08	1.530	1.887
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	656000	3840	19.06	20.00	1.242	-	-	-0.04	1.460	1.813
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	656000	3840	19.09	20.00	1.233	-	-	0.17	1.990	2.454
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	656000	3840	19.06	20.00	1.242	-	-	0.18	1.840	2.285
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	656000	3840	19.01	20.00	1.256	-	-	-0.04	1.860	2.336
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSI 4	656000	3840	23.54	24.00	1.112	-	-	-0.08	1.750	1.946
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSI 4	656000	3840	23.24	24.00	1.191	-	-	-0.13	1.660	1.977
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	656000	3840	22.05	23.00	1.245	50	1.000	-0.13	1.940	2.414
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4	DSI 4	656000	3840	23.54	24.00	1.112	-	-	0.02	0.592	0.658
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4	DSI 4	656000	3840	23.54	24.00	1.112	-	-	0.16	0.742	0.825
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4	DSI 4	656000	3840	23.54	24.00	1.112	-	-	-0.03	0.492	0.547
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4	DSI 4	656000	3840	26.55	27.00	1.109	50	1.000	0.07	0.588	0.652
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4	DSI 4	656000	3840	26.55	27.00	1.109	50	1.000	0	0.739	0.820
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4	DSI 4	656000	3840	26.55	27.00	1.109	50	1.000	0.01	0.485	0.538
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	633334	3500.01	19.08	20.00	1.236	-	-	0.11	1.410	1.743
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 4	DSI 6	633334	3500.01	19.05	20.00	1.245	-	-	-0.05	1.390	1.730
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	633334	3500.01	19.08	20.00	1.236	-	-	0.16	1.970	2.435
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	633334	3500.01	19.05	20.00	1.245	-	-	0.05	1.830	2.277
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 4	DSI 6	633334	3500.01	18.98	20.00	1.265	-	-	0.05	1.760	2.226
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	633334	3500.01	19.08	20.00	1.236	-	-	-0.03	2.560	3.164
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	633334	3500.01	19.05	20.00	1.245	-	-	-0.15	2.030	2.526
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	633334	3500.01	18.98	20.00	1.265	-	-	0.02	2.100	2.656
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSI 4	633334	3500.01	23.60	24.00	1.096	-	-	0.07	1.640	1.798
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 4	DSI 4	633334	3500.01	23.49	24.00	1.125	-	-	0.16	1.550	1.743
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4	DSI 6	633334	3500.01	22.11	23.00	1.227	50	1.000	-0.18	2.420	2.970
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4	DSI 4	633334	3500.01	23.60	24.00	1.096	-	-	-0.01	0.347	0.380
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4	DSI 4	633334	3500.01	23.60	24.00	1.096	-	-	-0.06	0.429	0.470
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4	DSI 4	633334	3500.01	23.60	24.00	1.096	-	-	-0.04	0.429	0.470
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4	DSI 4	633334	3500.01	26.79	27.00	1.050	50	1.000	-0.09	0.344	0.361
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4	DSI 4	633334	3500.01	26.79	27.00	1.050	50	1.000	-0.17	0.426	0.447
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4	DSI 4	633334	3500.01	26.79	27.00	1.050	50	1.000	-0.1	0.433	0.454
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	656000	3840	21.04	22.10	1.276	-	-	0.14	1.550	1.978
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	656000	3840	21.01	22.10	1.285	-	-	0.11	1.380	1.774
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI 6	656000	3840	21.04	22.10	1.276	-	-	0.18	1.220	1.557
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI 6	656000	3840	21.01	22.10	1.285	-	-	0.14	0.874	1.123
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	656000	3840	21.04	22.10	1.276	-	-	0.17	2.340	2.987



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	656000	3840	21.01	22.10	1.285	-	-	-0.05	2.460	3.162
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	656000	3840	20.98	22.10	1.294	-	-	0.01	2.290	2.964
	FR1 n77 Part 270 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	656000	3840	24.07	25.10	1.268	50	1.000	0.1	2.370	3.004
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI 4	656000	3840	23.67	24.00	1.079	-	-	0.18	0.248	0.268
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 8	DSI 4	656000	3840	23.67	24.00	1.079	-	-	-0.17	0.611	0.659
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 8	DSI 4	656000	3840	23.67	24.00	1.079	-	-	-0.04	0.332	0.358
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI 4	656000	3840	26.65	27.00	1.084	50	1.000	-0.05	0.235	0.255
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 8	DSI 4	656000	3840	26.65	27.00	1.084	50	1.000	0	0.602	0.653
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 8	DSI 4	656000	3840	26.65	27.00	1.084	50	1.000	-0.13	0.318	0.345
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	633334	3500.01	21.05	22.10	1.274	-	-	0.16	1.460	1.859
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 8	DSI 6	633334	3500.01	21.03	22.10	1.279	-	-	-0.1	1.370	1.753
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI 6	633334	3500.01	21.05	22.10	1.274	-	-	0.18	1.270	1.617
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 8	DSI 6	633334	3500.01	21.03	22.10	1.279	-	-	-0.1	1.080	1.382
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	633334	3500.01	21.05	22.10	1.274	-	-	-0.15	2.470	3.146
119	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	633334	3500.01	21.03	22.10	1.279	-	-	0.19	2.500	3.198
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	633334	3500.01	20.97	22.10	1.297	-	-	0.07	2.210	2.867
	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	633334	3500.01	24.06	25.10	1.271	50	1.000	-0.18	2.460	3.126
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI 4	656000	3840	23.59	24.00	1.099	-	-	-0.01	0.182	0.200
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 8	DSI 4	656000	3840	23.59	24.00	1.099	-	-	-0.09	0.357	0.392
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 8	DSI 4	656000	3840	23.59	24.00	1.099	-	-	0.05	0.224	0.246
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	DSI 4	656000	3840	26.53	27.00	1.114	50	1.000	0.02	0.172	0.192
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 8	DSI 4	656000	3840	26.53	27.00	1.114	50	1.000	-0.13	0.334	0.372
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 8	DSI 4	656000	3840	26.53	27.00	1.114	50	1.000	0.17	0.212	0.236
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	656000	3840	21.07	22.00	1.239	-	-	-0.08	1.880	2.329
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	656000	3840	21.06	22.00	1.242	-	-	-0.13	1.850	2.297
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	656000	3840	21.03	22.00	1.250	-	-	-0.13	1.480	1.850
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	656000	3840	21.07	22.00	1.239	-	-	0.06	1.650	2.044
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	656000	3840	21.06	22.00	1.242	-	-	-0.03	1.680	2.086
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	656000	3840	21.03	22.00	1.250	-	-	-0.03	1.560	1.950
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	656000	3840	21.07	22.00	1.239	-	-	0.08	1.810	2.242
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	656000	3840	21.06	22.00	1.242	-	-	-0.07	1.910	2.372
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	656000	3840	21.03	22.00	1.250	-	-	0.05	1.740	2.175
	FR1 n77 Part 270_Code 2	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	656000	3840	21.06	22.00	1.242	-	-	-0.09	2.080	2.583
	FR1 n77 Part 270_Code 3	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	656000	3840	21.06	22.00	1.242	-	-	-0.13	2.160	2.682
	FR1 n77 Part 270 HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	656000	3840	24.05	25.00	1.245	50	1.000	0.08	1.800	2.240
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3	DSI 4	656000	3840	23.58	24.00	1.102	-	-	0.06	0.254	0.280
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	8mm	Ant 3	DSI 4	656000	3840	23.58	24.00	1.102	-	-	0	0.270	0.297
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3	DSI 4	656000	3840	23.58	24.00	1.102	-	-	-0.04	0.178	0.196
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3	DSI 4	656000	3840	26.48	27.00	1.127	50	1.000	-0.15	0.244	0.275
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	8mm	Ant 3	DSI 4	656000	3840	26.48	27.00	1.127	50	1.000	0.11	0.263	0.296
	FR1 n77 Part 270 HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3	DSI 4	656000	3840	26.48	27.00	1.127	50	1.000	-0.02	0.169	0.190
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	633334	3500.01	20.97	22.00	1.268	-	-	-0.15	1.800	2.282
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	633334	3500.01	20.96	22.00	1.271	-	-	0.02	1.690	2.147
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Front	0mm	Ant 3	DSI 6	633334	3500.01	20.95	22.00	1.274	-	-	0.07	1.650	2.101
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	633334	3500.01	20.97	22.00	1.268	-	-	0.16	1.210	1.534
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 3	DSI 6	633334	3500.01	20.96	22.00	1.271	-	-	0.13	1.450	1.842
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	20.97	22.00	1.268	-	-	0.03	2.520	3.194
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	20.96	22.00	1.271	-	-	-0.18	2.030	2.579
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	20.95	22.00	1.274	-	-	0.02	1.950	2.483
	FR1 n77 Part 27Q_Code 2	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	20.97	22.00	1.268	-	-	0.03	2.470	3.131
	FR1 n77 Part 27Q_Code 3	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	20.97	22.00	1.268	-	-	-0.07	2.420	3.068
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3	DSI 6	633334	3500.01	24.02	25.00	1.253	50	1.000	0.01	2.420	3.033
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3	DSI 4	633334	3500.01	23.54	24.00	1.112	-	-	0.1	0.251	0.279
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	8mm	Ant 3	DSI 4	633334	3500.01	23.54	24.00	1.112	-	-	0.04	0.301	0.335
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3	DSI 4	633334	3500.01	23.54	24.00	1.112	-	-	0.13	0.286	0.318
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3	DSI 4	633334	3500.01	26.53	27.00	1.114	50	1.000	-0.18	0.247	0.275



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	8mm	Ant 3	DSI 4	633334	3500.01	26.53	27.00	1.114	50	1.000	-0.11	0.289	0.322
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3	DSI 4	633334	3500.01	26.53	27.00	1.114	50	1.000	-0.16	0.268	0.299
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 5	DSI 4	656000	3840	19.32	20.40	1.282	-	-	-0.17	1.110	1.423
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 5	DSI 4	656000	3840	19.31	20.40	1.285	-	-	-0.04	0.864	1.110
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 5	DSI 4	656000	3840	19.32	20.40	1.282	-	-	0.02	0.708	0.908
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 5	DSI 4	656000	3840	19.31	20.40	1.285	-	-	-0.13	0.595	0.765
	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	656000	3840	19.32	20.40	1.282	-	-	0.02	1.360	1.744
	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	656000	3840	19.31	20.40	1.285	-	-	-0.01	0.839	1.078
	FR1 n77 Part 27O HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	656000	3840	22.31	23.40	1.285	50	1.000	-0.05	1.280	1.645
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 5	DSI 4	633334	3500.01	19.37	20.40	1.268	-	-	-0.11	1.280	1.623
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 5	DSI 4	633334	3500.01	19.35	20.40	1.274	-	-	-0.16	1.170	1.490
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 5	DSI 4	633334	3500.01	19.37	20.40	1.268	-	-	-0.06	0.818	1.037
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 5	DSI 4	633334	3500.01	19.35	20.40	1.274	-	-	-0.14	0.774	0.986
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	633334	3500.01	19.37	20.40	1.268	-	-	-0.19	2.520	3.194
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	633334	3500.01	19.35	20.40	1.274	-	-	0.01	2.480	3.158
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	633334	3500.01	19.33	20.40	1.279	-	-	0.06	2.230	2.853
	FR1 n77 Part 27Q HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 5	DSI 4	633334	3500.01	22.35	23.40	1.274	50	1.000	0.02	2.450	3.120

<Open UL MIMO>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 2+3	DSI 6	376500	1882.5	23.15	24.90	1.496	-	-	-0.06	1.560	2.334
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 2+3	DSI 6	376500	1882.5	23.11	24.90	1.510	-	-	-0.19	1.540	2.326
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Front	0mm	Ant 2+3	DSI 6	376500	1882.5	23.07	24.90	1.523	-	-	-0.05	1.500	2.284
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 2+3	DSI 6	376500	1882.5	23.15	24.90	1.496	-	-	0.09	1.260	1.885
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 2+3	DSI 6	376500	1882.5	23.11	24.90	1.510	-	-	0.13	1.270	1.918
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 2+3	DSI 6	376500	1882.5	23.15	24.90	1.496	-	-	-0.08	1.600	2.394
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 2+3	DSI 6	376500	1882.5	23.11	24.90	1.510	-	-	0.08	1.600	2.416
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	0mm	Ant 2+3	DSI 6	376500	1882.5	23.07	24.90	1.523	-	-	-0.11	1.500	2.284
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 2+3	DSI 6	376500	1882.5	23.15	24.90	1.496	-	-	-0.04	1.890	2.828
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	0mm	Ant 2+3	DSI 6	376500	1882.5	23.11	24.90	1.510	-	-	0.12	1.500	2.265
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Top Side	0mm	Ant 2+3	DSI 6	376500	1882.5	23.07	24.90	1.523	-	-	-0.11	1.440	2.193
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	8mm	Ant 2+3	DSI 4	376500	1882.5	26.40	27.00	1.148	-	-	0.18	0.536	0.615
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	7mm	Ant 2+3	DSI 4	376500	1882.5	26.40	27.00	1.148	-	-	-0.17	0.613	0.704
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	7mm	Ant 2+3	DSI 4	376500	1882.5	26.40	27.00	1.148	-	-	-0.04	0.935	1.074
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	13mm	Ant 2+3	DSI 4	376500	1882.5	26.40	27.00	1.148	-	-	-0.05	0.786	0.902
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0+1	DSI 6	376500	1882.5	22.78	24.30	1.419	-	-	0.17	0.581	0.824
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 0+1	DSI 6	376500	1882.5	22.70	24.30	1.445	-	-	-0.15	0.466	0.674
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0+1	DSI 6	376500	1882.5	22.78	24.30	1.419	-	-	0.18	0.811	1.151
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 0+1	DSI 6	376500	1882.5	22.70	24.30	1.445	-	-	0.05	0.701	1.013
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 0+1	DSI 6	376500	1882.5	22.78	24.30	1.419	-	-	0.04	0.504	0.715
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 0+1	DSI 6	376500	1882.5	22.70	24.30	1.445	-	-	0.15	0.407	0.588
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0+1	DSI 6	376500	1882.5	22.78	24.30	1.419	-	-	0.03	1.690	2.398
	FR1 n25	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0+1	DSI 6	376500	1882.5	22.70	24.30	1.445	-	-	-0.1	1.550	2.240
	FR1 n25	45M	QPSK	240	0	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0+1	DSI 6	376500	1882.5	22.68	24.30	1.452	-	-	0.03	1.510	2.192
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Front	8mm	Ant 0+1	DSI 4	376500	1882.5	25.78	27.00	1.324	-	-	0	0.815	1.079
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 0+1	DSI 4	376500	1882.5	25.78	27.00	1.324	-	-	-0.13	0.596	0.789
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	11mm	Ant 0+1	DSI 4	376500	1882.5	25.78	27.00	1.324	-	-	-0.01	0.736	0.975
	FR1 n25	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	9mm	Ant 0+1	DSI 4	376500	1882.5	25.78	27.00	1.324	-	-	-0.09	0.745	0.987
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 2+3	DSI 6	518598	2592.99	20.67	22.30	1.455	50	1.000	0.06	1.000	1.455
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 2+3	DSI 6	518598	2592.99	20.62	22.30	1.472	50	1.000	0.15	0.971	1.430
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 2+3	DSI 6	518598	2592.99	20.67	22.30	1.455	50	1.000	-0.1	0.855	1.244
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 2+3	DSI 6	518598	2592.99	20.62	22.30	1.472	50	1.000	0.17	0.705	1.038
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 2+3	DSI 6	518598	2592.99	20.67	22.30	1.455	50	1.000	0.13	2.160	3.144
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 2+3	DSI 6	518598	2592.99	20.62	22.30	1.472	50	1.000	-0.02	2.010	2.959
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 2+3	DSI 6	518598	2592.99	20.60	22.30	1.481	50	1.000	0.05	1.950	2.887



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 2+3	DSI 6	518598	2592.99	20.67	22.30	1.455	50	1.000	0.13	1.200	1.747
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 2+3	DSI 6	518598	2592.99	20.62	22.30	1.472	50	1.000	0.1	1.190	1.752
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 2+3	DSI 6	518598	2592.99	23.45	25.30	1.532	25	1.000	0.03	2.010	3.080
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 2+3	DSI 4	518598	2592.99	26.67	27.50	1.211	50	1.000	0.05	0.496	0.600
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 2+3	DSI 4	518598	2592.99	26.67	27.50	1.211	50	1.000	0.02	0.581	0.703
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	7mm	Ant 2+3	DSI 4	518598	2592.99	26.67	27.50	1.211	50	1.000	-0.13	0.659	0.798
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 2+3	DSI 4	518598	2592.99	26.67	27.50	1.211	50	1.000	0.17	0.786	0.952
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 2+3	DSI 4	518598	2592.99	29.45	30.00	1.135	25	1.000	0.06	0.476	0.540
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 2+3	DSI 4	518598	2592.99	29.45	30.00	1.135	25	1.000	0	0.591	0.671
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	7mm	Ant 2+3	DSI 4	518598	2592.99	29.45	30.00	1.135	25	1.000	-0.04	0.701	0.796
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 2+3	DSI 4	518598	2592.99	29.45	30.00	1.135	25	1.000	-0.15	0.795	0.902
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 0+1	DSI 6	518598	2592.99	24.45	26.00	1.429	50	1.000	-0.01	0.424	0.606
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 0+1	DSI 6	518598	2592.99	24.39	26.00	1.449	50	1.000	-0.19	0.512	0.742
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 0+1	DSI 6	518598	2592.99	24.45	26.00	1.429	50	1.000	-0.03	0.525	0.750
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 0+1	DSI 6	518598	2592.99	24.39	26.00	1.449	50	1.000	-0.08	0.549	0.795
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 0+1	DSI 6	518598	2592.99	24.45	26.00	1.429	50	1.000	0.1	0.492	0.703
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 0+1	DSI 6	518598	2592.99	24.39	26.00	1.449	50	1.000	0.15	0.566	0.820
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 0+1	DSI 6	518598	2592.99	24.45	26.00	1.429	50	1.000	0.12	0.952	1.360
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 0+1	DSI 6	518598	2592.99	24.39	26.00	1.449	50	1.000	-0.12	0.880	1.275
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0+1	DSI 6	518598	2592.99	24.45	26.00	1.429	50	1.000	-0.15	1.800	2.572
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0+1	DSI 6	518598	2592.99	24.39	26.00	1.449	50	1.000	-0.19	1.240	1.796
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0+1	DSI 6	518598	2592.99	24.35	26.00	1.463	50	1.000	0.02	1.210	1.771
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	0mm	Ant 0+1	DSI 6	518598	2592.99	27.40	29.00	1.445	25	1.000	0.01	1.740	2.514
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 0+1	DSI 4	518598	2592.99	26.45	27.00	1.135	50	1.000	0.11	0.215	0.244
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 0+1	DSI 4	518598	2592.99	26.45	27.00	1.135	50	1.000	-0.02	0.135	0.153
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	11mm	Ant 0+1	DSI 4	518598	2592.99	26.45	27.00	1.135	50	1.000	0.1	0.186	0.211
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	9mm	Ant 0+1	DSI 4	518598	2592.99	26.45	27.00	1.135	50	1.000	0.04	0.213	0.242
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 0+1	DSI 4	518598	2592.99	29.40	30.00	1.148	25	1.000	0.13	0.216	0.248
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 0+1	DSI 4	518598	2592.99	29.40	30.00	1.148	25	1.000	-0.18	0.125	0.144
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	11mm	Ant 0+1	DSI 4	518598	2592.99	29.40	30.00	1.148	25	1.000	-0.11	0.181	0.208
	FR1 n41 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	9mm	Ant 0+1	DSI 4	518598	2592.99	29.40	30.00	1.148	25	1.000	-0.16	0.198	0.227
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4+8	DSI 6	641666	3624.99	18.21	19.90	1.476	-	-	-0.06	1.280	1.889
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 4+8	DSI 6	641666	3624.99	18.18	19.90	1.486	-	-	-0.02	1.170	1.739
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4+8	DSI 6	641666	3624.99	18.21	19.90	1.476	-	-	0.02	0.903	1.333
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 4+8	DSI 6	641666	3624.99	18.18	19.90	1.486	-	-	0.12	0.870	1.293
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4+8	DSI 6	641666	3624.99	18.21	19.90	1.476	-	-	0.02	1.230	1.815
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	0mm	Ant 4+8	DSI 6	641666	3624.99	18.18	19.90	1.486	-	-	-0.11	1.260	1.872
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	641666	3624.99	18.21	19.90	1.476	-	-	-0.11	2.010	2.966
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	638000	3570	18.17	19.90	1.488	-	-	-0.03	1.950	2.902
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	645332	3679.98	18.17	19.90	1.488	-	-	0.04	1.910	2.843
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	641666	3624.99	18.18	19.90	1.486	-	-	-0.05	2.120	3.150
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	638000	3570	18.10	19.90	1.512	-	-	-0.1	2.010	3.039
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	645332	3679.98	18.13	19.90	1.502	-	-	0.07	2.060	3.095
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	641666	3624.99	18.13	19.90	1.504	-	-	0.03	1.980	2.977
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4+8	DSI 6	641666	3624.99	18.21	19.90	1.476	-	-	0.03	0.796	1.175
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 4+8	DSI 6	641666	3624.99	18.18	19.90	1.486	-	-	-0.06	0.776	1.153
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+8	DSI 4	641666	3624.99	23.71	24.00	1.069	-	-	-0.15	0.412	0.440
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+8	DSI 4	641666	3624.99	23.71	24.00	1.069	-	-	-0.06	0.501	0.536
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+8	DSI 4	641666	3624.99	23.71	24.00	1.069	-	-	-0.14	0.458	0.490
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 4+8	DSI 4	641666	3624.99	23.71	24.00	1.069	-	-	-0.19	0.359	0.384
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4+5	DSI 6	641666	3624.99	19.08	20.80	1.486	-	-	-0.04	1.070	1.590
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 4+5	DSI 6	641666	3624.99	19.05	20.80	1.496	-	-	0.02	1.060	1.586
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4+5	DSI 6	641666	3624.99	19.08	20.80	1.486	-	-	-0.07	0.697	1.036
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 4+5	DSI 6	641666	3624.99	19.05	20.80	1.496	-	-	-0.08	0.755	1.130
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	641666	3624.99	19.08	20.80	1.486	-	-	0.12	1.210	1.798



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	641666	3624.99	19.05	20.80	1.496	-	-	-0.07	1.270	1.900
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	641666	3624.99	19.08	20.80	1.486	-	-	-0.05	1.710	2.541
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	638000	3570	19.04	20.80	1.499	-	-	-0.1	1.640	2.459
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	645332	3679.98	19.06	20.80	1.493	-	-	-0.04	1.650	2.463
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	641666	3624.99	19.05	20.80	1.496	-	-	-0.04	1.350	2.020
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	638000	3570	18.91	20.80	1.547	-	-	0.03	1.300	2.011
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	645332	3679.98	18.95	20.80	1.533	-	-	-0.08	1.280	1.962
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	641666	3624.99	19.02	20.80	1.508	-	-	0.15	1.270	1.915
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+5	DSI 4	641666	3624.99	23.58	24.00	1.102	-	-	0.01	0.416	0.458
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+5	DSI 4	641666	3624.99	23.58	24.00	1.102	-	-	0.06	0.508	0.560
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+5	DSI 4	641666	3624.99	23.58	24.00	1.102	-	-	0.02	0.398	0.438
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 3+8	DSI 6	641666	3624.99	19.86	21.60	1.493	-	-	0.03	1.220	1.821
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 3+8	DSI 6	641666	3624.99	19.83	21.60	1.503	-	-	0.04	1.290	1.939
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 3+8	DSI 6	641666	3624.99	19.86	21.60	1.493	-	-	-0.09	0.935	1.396
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 3+8	DSI 6	641666	3624.99	19.83	21.60	1.503	-	-	-0.03	0.935	1.405
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	641666	3624.99	19.86	21.60	1.493	-	-	0.11	1.210	1.806
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	641666	3624.99	19.83	21.60	1.503	-	-	0.14	1.380	2.074
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	638000	3570	19.65	21.60	1.566	-	-	-0.14	1.300	2.035
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	645332	3679.98	19.70	21.60	1.548	-	-	0.03	1.320	2.044
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	641666	3624.99	19.80	21.60	1.514	-	-	0.07	1.270	1.923
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3+8	DSI 6	641666	3624.99	19.86	21.60	1.493	-	-	-0.15	0.690	1.030
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 3+8	DSI 6	641666	3624.99	19.83	21.60	1.503	-	-	0.02	0.717	1.078
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3+8	DSI 4	641666	3624.99	23.36	24.00	1.159	-	-	0.12	0.250	0.290
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 3+8	DSI 4	641666	3624.99	23.36	24.00	1.159	-	-	-0.16	0.568	0.658
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 3+8	DSI 4	641666	3624.99	23.36	24.00	1.159	-	-	-0.12	0.309	0.358
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3+8	DSI 4	641666	3624.99	23.36	24.00	1.159	-	-	0.07	0.456	0.528
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 3+5	DSI 6	641666	3624.99	16.68	18.40	1.486	-	-	0.1	0.426	0.633
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	0mm	Ant 3+5	DSI 6	641666	3624.99	16.65	18.40	1.496	-	-	0.03	0.420	0.628
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 3+5	DSI 6	641666	3624.99	16.68	18.40	1.486	-	-	-0.03	0.331	0.492
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	0mm	Ant 3+5	DSI 6	641666	3624.99	16.65	18.40	1.496	-	-	0.09	0.246	0.368
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 3+5	DSI 6	641666	3624.99	16.68	18.40	1.486	-	-	-0.13	0.148	0.220
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	0mm	Ant 3+5	DSI 6	641666	3624.99	16.65	18.40	1.496	-	-	-0.17	0.130	0.195
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3+5	DSI 6	641666	3624.99	16.68	18.40	1.486	-	-	-0.1	1.380	2.051
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3+5	DSI 6	638000	3570	16.61	18.40	1.510	-	-	0.13	1.350	2.038
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3+5	DSI 6	645332	3679.98	16.65	18.40	1.496	-	-	-0.15	1.330	1.990
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	0mm	Ant 3+5	DSI 6	641666	3624.99	16.65	18.40	1.496	-	-	0.1	1.300	1.945
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Top Side	0mm	Ant 3+5	DSI 6	641666	3624.99	16.58	18.40	1.520	-	-	-0.09	1.220	1.855
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3+5	DSI 4	641666	3624.99	23.18	24.00	1.208	-	-	-0.02	0.261	0.315
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	8mm	Ant 3+5	DSI 4	641666	3624.99	23.18	24.00	1.208	-	-	-0.05	0.305	0.368
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	7mm	Ant 3+5	DSI 4	641666	3624.99	23.18	24.00	1.208	-	-	-0.13	0.213	0.257
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3+5	DSI 4	641666	3624.99	23.18	24.00	1.208	-	-	0.08	0.189	0.228
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 2+3	DSI 6	349000	1745	24.73	26.00	1.340	-	-	0.17	1.450	1.943
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 2+3	DSI 6	349000	1745	24.69	26.00	1.352	-	-	-0.16	1.380	1.866
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 2+3	DSI 6	349000	1745	24.73	26.00	1.340	-	-	-0.08	1.120	1.500
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 2+3	DSI 6	349000	1745	24.69	26.00	1.352	-	-	0.03	1.220	1.650
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 2+3	DSI 6	349000	1745	24.73	26.00	1.340	-	-	0.12	1.920	2.572
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 2+3	DSI 6	349000	1745	24.69	26.00	1.352	-	-	-0.17	2.000	2.704
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Left Side	0mm	Ant 2+3	DSI 6	349000	1745	24.67	26.00	1.358	-	-	-0.04	1.880	2.553
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	0mm	Ant 2+3	DSI 6	349000	1745	24.73	26.00	1.340	-	-	-0.17	2.300	3.081
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Top Side	0mm	Ant 2+3	DSI 6	349000	1745	24.69	26.00	1.352	-	-	0.02	2.320	3.137
	FR1 n66	45M	QPSK	240	0	DFT-SCS-15KHz	Top Side	0mm	Ant 2+3	DSI 6	349000	1745	24.67	26.00	1.358	-	-	0.13	2.150	2.920
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	8mm	Ant 2+3	DSI 4	349000	1745	26.36	27.00	1.159	-	-	0.16	0.501	0.581
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	7mm	Ant 2+3	DSI 4	349000	1745	26.36	27.00	1.159	-	-	0.01	0.535	0.620
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	7mm	Ant 2+3	DSI 4	349000	1745	26.36	27.00	1.159	-	-	-0.16	0.612	0.709
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Top Side	13mm	Ant 2+3	DSI 4	349000	1745	26.36	27.00	1.159	-	-	0.1	0.281	0.326
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Front	0mm	Ant 0+1	DSI 6	349000	1745	25.76	26.50	1.186	-	-	0.12	0.636	0.754



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Front	0mm	Ant 0+1	DSI 6	349000	1745	25.70	26.50	1.202	-	-	-0.03	0.636	0.765
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Back	0mm	Ant 0+1	DSI 6	349000	1745	25.76	26.50	1.186	-	-	0.11	0.978	1.160
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Back	0mm	Ant 0+1	DSI 6	349000	1745	25.70	26.50	1.202	-	-	0.08	1.030	1.238
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Left Side	0mm	Ant 0+1	DSI 6	349000	1745	25.76	26.50	1.186	-	-	0.07	0.813	0.964
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Left Side	0mm	Ant 0+1	DSI 6	349000	1745	25.70	26.50	1.202	-	-	0.09	0.679	0.816
	FR1 n66	45M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0+1	DSI 6	349000	1745	25.76	26.50	1.186	-	-	-0.12	1.390	1.648
	FR1 n66	45M	QPSK	120	60	DFT-SCS-15KHz	Bottom Side	0mm	Ant 0+1	DSI 6	349000	1745	25.70	26.50	1.202	-	-	0.1	1.070	1.286
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4+8	DSI 6	656000	3840	22.14	23.80	1.466	50	1.000	0.1	1.350	1.978
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 4+8	DSI 6	656000	3840	22.09	23.80	1.483	50	1.000	-0.07	1.310	1.942
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4+8	DSI 6	656000	3840	22.14	23.80	1.466	50	1.000	0.12	1.090	1.597
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 4+8	DSI 6	656000	3840	22.09	23.80	1.483	50	1.000	0.08	1.050	1.557
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4+8	DSI 6	656000	3840	22.14	23.80	1.466	50	1.000	0.15	1.880	2.755
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4+8	DSI 6	656000	3840	22.09	23.80	1.483	50	1.000	-0.11	1.730	2.565
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 4+8	DSI 6	656000	3840	22.04	23.80	1.501	50	1.000	-0.11	1.680	2.522
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	656000	3840	22.14	23.80	1.466	50	1.000	-0.05	2.150	3.151
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	656000	3840	22.09	23.80	1.483	50	1.000	0.02	1.760	2.609
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	656000	3840	22.04	23.80	1.501	50	1.000	0.09	1.720	2.582
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4+8	DSI 6	656000	3840	22.14	23.80	1.466	50	1.000	-0.05	1.030	1.510
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 4+8	DSI 6	656000	3840	22.09	23.80	1.483	50	1.000	-0.11	0.780	1.156
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	656000	3840	25.12	26.80	1.474	25	1.000	-0.18	2.090	3.080
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+8	DSI 4	656000	3840	26.62	27.00	1.091	50	1.000	-0.04	0.586	0.640
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+8	DSI 4	656000	3840	26.62	27.00	1.091	50	1.000	-0.01	0.705	0.769
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+8	DSI 4	656000	3840	26.62	27.00	1.091	50	1.000	0	0.485	0.529
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 4+8	DSI 4	656000	3840	26.62	27.00	1.091	50	1.000	-0.11	0.731	0.798
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+8	DSI 4	656000	3840	29.61	30.00	1.094	25	1.000	-0.06	0.591	0.647
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+8	DSI 4	656000	3840	29.61	30.00	1.094	25	1.000	-0.15	0.713	0.780
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+8	DSI 4	656000	3840	29.61	30.00	1.094	25	1.000	0.03	0.496	0.543
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 4+8	DSI 4	656000	3840	29.61	30.00	1.094	25	1.000	-0.13	0.725	0.793
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4+5	DSI 6	656000	3840	21.93	23.70	1.503	50	1.000	0.07	1.220	1.834
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 4+5	DSI 6	656000	3840	21.88	23.70	1.521	50	1.000	-0.18	1.160	1.764
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4+5	DSI 6	656000	3840	21.93	23.70	1.503	50	1.000	0.06	1.070	1.608
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 4+5	DSI 6	656000	3840	21.88	23.70	1.521	50	1.000	0.15	0.933	1.419
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	656000	3840	21.93	23.70	1.503	50	1.000	-0.06	1.920	2.886
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	656000	3840	21.88	23.70	1.521	50	1.000	-0.15	2.020	3.072
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	656000	3840	21.82	23.70	1.541	50	1.000	0.06	1.850	2.850
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	656000	3840	21.93	23.70	1.503	50	1.000	-0.03	1.040	1.563
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	656000	3840	21.88	23.70	1.521	50	1.000	0.1	1.070	1.627
	FR1 n77 Part 270 PC1.5	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	656000	3840	24.79	26.70	1.552	25	1.000	0.12	1.980	3.072
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+5	DSI 4	656000	3840	26.41	27.00	1.146	50	1.000	-0.09	0.584	0.669
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+5	DSI 4	656000	3840	26.41	27.00	1.146	50	1.000	-0.16	0.623	0.714
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+5	DSI 4	656000	3840	26.41	27.00	1.146	50	1.000	-0.18	0.481	0.551
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+5	DSI 4	656000	3840	29.31	30.00	1.172	50	1.000	-0.07	0.569	0.667
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+5	DSI 4	656000	3840	29.31	30.00	1.172	50	1.000	0.11	0.603	0.707
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+5	DSI 4	656000	3840	29.31	30.00	1.172	50	1.000	-0.08	0.476	0.558
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 3+8	DSI 6	656000	3840	24.17	25.90	1.489	50	1.000	0.11	1.140	1.698
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 3+8	DSI 6	656000	3840	24.13	25.90	1.503	50	1.000	-0.12	1.060	1.593
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 3+8	DSI 6	656000	3840	24.17	25.90	1.489	50	1.000	-0.08	1.290	1.921
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 3+8	DSI 6	656000	3840	24.13	25.90	1.503	50	1.000	-0.16	1.100	1.653
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	656000	3840	24.17	25.90	1.489	50	1.000	-0.14	2.140	3.187
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	656000	3840	24.13	25.90	1.503	50	1.000	-0.02	2.090	3.142
	FR1 n77 Part 270	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	656000	3840	24.07	25.90	1.526	50	1.000	0.06	2.010	3.067
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3+8	DSI 6	656000	3840	24.17	25.90	1.489	50	1.000	0.04	1.010	1.504
	FR1 n77 Part 270	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3+8	DSI 6	656000	3840	24.13	25.90	1.503	50	1.000	-0.18	0.891	1.339
	FR1 n77 Part 270 PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	656000	3840	27.08	28.90	1.520	25	1.000	0.08	2.090	3.178
	FR1 n77 Part 270	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3+8	DSI 4	656000	3840	26.64	27.00	1.086	50	1.000	-0.11	0.241	0.262



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 3+8	DSI 4	656000	3840	26.64	27.00	1.086	50	1.000	0.14	0.605	0.657
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 3+8	DSI 4	656000	3840	26.64	27.00	1.086	50	1.000	0.03	0.356	0.387
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3+8	DSI 4	656000	3840	26.64	27.00	1.086	50	1.000	0.1	0.432	0.469
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3+8	DSI 4	656000	3840	29.58	30.00	1.102	50	1.000	0.16	0.251	0.276
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 3+8	DSI 4	656000	3840	29.58	30.00	1.102	25	1.000	-0.06	0.613	0.675
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 3+8	DSI 4	656000	3840	29.58	30.00	1.102	25	1.000	0.02	0.349	0.384
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3+8	DSI 4	656000	3840	29.58	30.00	1.102	25	1.000	-0.16	0.442	0.487
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4+8	DSI 6	633334	3500.01	22.10	23.80	1.479	50	1.000	0.07	1.170	1.731
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 4+8	DSI 6	633334	3500.01	22.04	23.80	1.500	50	1.000	0.1	1.090	1.635
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4+8	DSI 6	633334	3500.01	22.10	23.80	1.479	50	1.000	-0.09	0.907	1.342
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 4+8	DSI 6	633334	3500.01	22.04	23.80	1.500	50	1.000	0.02	0.873	1.309
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4+8	DSI 6	633334	3500.01	22.10	23.80	1.479	50	1.000	0.01	1.560	2.307
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4+8	DSI 6	633334	3500.01	22.04	23.80	1.500	50	1.000	0.02	1.430	2.145
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 4+8	DSI 6	633334	3500.01	21.97	23.80	1.524	50	1.000	0.15	1.400	2.134
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	633334	3500.01	22.10	23.80	1.479	50	1.000	-0.08	1.800	2.662
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	633334	3500.01	22.04	23.80	1.500	50	1.000	-0.03	1.460	2.190
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	633334	3500.01	21.97	23.80	1.524	50	1.000	-0.11	1.420	2.164
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4+8	DSI 6	633334	3500.01	22.10	23.80	1.479	50	1.000	-0.06	0.857	1.268
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 4+8	DSI 6	633334	3500.01	22.04	23.80	1.500	50	1.000	0.18	0.649	0.973
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 4+8	DSI 6	633334	3500.01	25.20	26.80	1.446	25	1.000	0.14	1.770	2.560
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+8	DSI 4	633334	3500.01	26.61	27.00	1.094	50	1.000	0.16	0.576	0.630
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+8	DSI 4	633334	3500.01	26.61	27.00	1.094	50	1.000	-0.15	0.615	0.673
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+8	DSI 4	633334	3500.01	26.61	27.00	1.094	50	1.000	-0.02	0.476	0.521
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 4+8	DSI 4	633334	3500.01	26.61	27.00	1.094	50	1.000	-0.09	0.725	0.793
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+8	DSI 4	633334	3500.01	29.67	30.00	1.079	25	1.000	0.14	0.586	0.632
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+8	DSI 4	633334	3500.01	29.67	30.00	1.079	25	1.000	0.1	0.701	0.756
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+8	DSI 4	633334	3500.01	29.67	30.00	1.079	25	1.000	-0.09	0.483	0.521
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 4+8	DSI 4	633334	3500.01	29.67	30.00	1.079	25	1.000	0.07	0.715	0.771
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 4+5	DSI 6	633334	3500.01	21.97	23.70	1.489	50	1.000	-0.06	1.260	1.877
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 4+5	DSI 6	633334	3500.01	21.92	23.70	1.507	50	1.000	0.08	1.030	1.552
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 4+5	DSI 6	633334	3500.01	21.97	23.70	1.489	50	1.000	-0.11	0.954	1.421
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 4+5	DSI 6	633334	3500.01	21.92	23.70	1.507	50	1.000	-0.17	0.832	1.253
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	633334	3500.01	21.97	23.70	1.489	50	1.000	0.15	1.710	2.547
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	633334	3500.01	21.92	23.70	1.507	50	1.000	-0.17	1.750	2.637
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	633334	3500.01	21.84	23.70	1.536	50	1.000	0.06	1.650	2.534
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	633334	3500.01	21.97	23.70	1.489	50	1.000	-0.02	0.927	1.381
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 4+5	DSI 6	633334	3500.01	21.92	23.70	1.507	50	1.000	0.09	1.310	1.974
	FR1 n77 Part 27Q PC1.5	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	0mm	Ant 4+5	DSI 6	633334	3500.01	24.89	26.70	1.517	25	1.000	0.11	1.630	2.472
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+5	DSI 6	633334	3500.01	26.48	27.00	1.127	50	1.000	-0.1	0.573	0.646
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+5	DSI 6	633334	3500.01	26.48	27.00	1.127	50	1.000	-0.01	0.705	0.795
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+5	DSI 6	633334	3500.01	26.48	27.00	1.127	50	1.000	-0.09	0.478	0.539
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	8mm	Ant 4+5	DSI 6	633334	3500.01	29.44	30.00	1.138	50	1.000	-0.06	0.589	0.670
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 4+5	DSI 6	633334	3500.01	29.44	30.00	1.138	50	1.000	-0.17	0.687	0.782
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	13mm	Ant 4+5	DSI 6	633334	3500.01	29.44	30.00	1.138	50	1.000	-0.01	0.468	0.532
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	0mm	Ant 3+8	DSI 6	633334	3500.01	24.11	25.90	1.510	50	1.000	-0.16	0.988	1.492
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Front	0mm	Ant 3+8	DSI 6	633334	3500.01	24.08	25.90	1.521	50	1.000	0.08	1.270	1.931
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	0mm	Ant 3+8	DSI 6	633334	3500.01	24.11	25.90	1.510	50	1.000	-0.09	1.290	1.948
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Back	0mm	Ant 3+8	DSI 6	633334	3500.01	24.08	25.90	1.521	50	1.000	-0.17	0.954	1.451
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	633334	3500.01	24.11	25.90	1.510	50	1.000	-0.09	1.860	2.809
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	633334	3500.01	24.08	25.90	1.521	50	1.000	0.18	1.810	2.752
	FR1 n77 Part 27Q	100M	QPSK	270	0	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	633334	3500.01	24.01	25.90	1.547	50	1.000	0.06	1.750	2.707
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	0mm	Ant 3+8	DSI 6	633334	3500.01	24.11	25.90	1.510	50	1.000	-0.07	0.876	1.323
	FR1 n77 Part 27Q	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	0mm	Ant 3+8	DSI 6	633334	3500.01	24.08	25.90	1.521	50	1.000	0.06	0.772	1.174
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	0mm	Ant 3+8	DSI 6	633334	3500.01	27.03	28.90	1.540	25	1.000	0.18	1.790	2.756
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3+8	DSI 4	633334	3500.01	26.58	27.00	1.102	50	1.000	0.05	0.235	0.259



FCC SAR Test Report

Report No. : FA4N2802

	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 3+8	DSI 4	633334	3500.01	26.58	27.00	1.102	50	1.000	-0.03	0.615	0.677
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 3+8	DSI 4	633334	3500.01	26.58	27.00	1.102	50	1.000	0.17	0.361	0.398
	FR1 n77 Part 27Q	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3+8	DSI 4	633334	3500.01	26.58	27.00	1.102	50	1.000	-0.15	0.425	0.468
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Front	9mm	Ant 3+8	DSI 4	633334	3500.01	29.54	30.00	1.112	50	1.000	0.16	0.298	0.331
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Back	7mm	Ant 3+8	DSI 4	633334	3500.01	29.54	30.00	1.112	25	1.000	0.05	0.635	0.706
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	14mm	Ant 3+8	DSI 4	633334	3500.01	29.54	30.00	1.112	25	1.000	-0.06	0.351	0.390
	FR1 n77 Part 27Q PC1.5	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	13mm	Ant 3+8	DSI 4	633334	3500.01	29.54	30.00	1.112	25	1.000	-0.13	0.456	0.507

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
2450MHz																
	WLAN2.4GHz	802.11b 1Mbps	Front	0mm	Ant 7+6(6)	Sensor off	6	2437	18.79	20.00	1.321	97.06	1.030	0.12	0.954	1.298
	WLAN2.4GHz	802.11b 1Mbps	Back	0mm	Ant 7+6(6)	Sensor off	6	2437	18.79	20.00	1.321	97.06	1.030	0.16	0.655	0.891
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 7+6(6)	Sensor off	6	2437	18.79	20.00	1.321	97.06	1.030	0.18	1.080	1.470
120	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 7+6(6)	Sensor off	6	2437	18.79	20.00	1.321	97.06	1.030	0.01	2.310	3.144
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 7+6(6)	Sensor off	1	2412	18.75	20.00	1.334	97.06	1.030	-0.15	1.930	2.651
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 7+6(6)	Sensor off	11	2462	18.63	20.00	1.371	97.06	1.030	0.19	2.150	3.036
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 7+6(7)	Sensor off	6	2437	17.87	19.50	1.455	99.06	1.009	0.06	1.990	2.922
121	Bluetooth	1Mbps	Front	0mm	Ant 7	Full power	39	2441	19.40	19.50	1.023	77.07	1.081	-0.09	1.830	2.024
	Bluetooth	1Mbps	Front	0mm	Ant 7	Full power	0	2402	18.80	19.50	1.175	77.07	1.081	0.03	1.550	1.969
	Bluetooth	1Mbps	Back	0mm	Ant 7	Full power	39	2441	19.40	19.50	1.023	77.07	1.081	0.05	1.230	1.361
	Bluetooth	1Mbps	Right Side	0mm	Ant 7	Full power	39	2441	19.40	19.50	1.023	77.07	1.081	0.02	1.720	1.903
	Bluetooth	1Mbps	Top Side	0mm	Ant 7	Full power	39	2441	19.40	19.50	1.023	77.07	1.081	-0.13	0.931	1.030
5000MHz																
	WLAN5.2GHz	802.11n-HT40 MCS0	Back	0mm	Ant 7+5(5)	Full power	46	5230	19.05	20.50	1.396	100	1.000	-0.03	1.020	1.424
122	WLAN5.2GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(5)	Full power	46	5230	19.05	20.50	1.396	100	1.000	-0.02	1.460	2.039
	WLAN5.2GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(5)	Full power	38	5190	16.79	18.50	1.483	100	1.000	0.08	1.190	1.764
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	0mm	Ant 7+5(5)	Full power	54	5270	18.96	20.50	1.426	100	1.000	-0.07	0.959	1.367
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	0mm	Ant 7+5(5)	Full power	54	5270	18.96	20.50	1.426	100	1.000	0.05	1.110	1.582
	WLAN5.3GHz	802.11n-HT40 MCS0	Left Side	0mm	Ant 7+5(5)	Full power	54	5270	18.96	20.50	1.426	100	1.000	-0.11	0.025	0.036
123	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(5)	Full power	54	5270	18.96	20.50	1.426	100	1.000	-0.12	1.730	2.466
	WLAN5.3GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(7)	Full power	62	5310	15.13	17.00	1.538	100	1.000	0.02	0.796	1.224
	WLAN5.3GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 7+5(5)	Full power	54	5270	18.96	20.50	1.426	100	1.000	0.03	1.220	1.739
	WLAN5.5GHz	802.11n-HT40 MCS0	Front	0mm	Ant 7+5(5)	Full power	110	5550	18.88	20.50	1.452	100	1.000	-0.02	1.140	1.655
	WLAN5.5GHz	802.11n-HT40 MCS0	Back	0mm	Ant 7+5(5)	Full power	110	5550	18.88	20.50	1.452	100	1.000	0.15	1.230	1.786
	WLAN5.5GHz	802.11n-HT40 MCS0	Left Side	0mm	Ant 7+5(5)	Full power	110	5550	18.88	20.50	1.452	100	1.000	-0.09	0.057	0.083
124	WLAN5.5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(5)	Full power	110	5550	18.88	20.50	1.452	100	1.000	0.09	1.780	2.585
	WLAN5.5GHz	802.11n-HT40 MCS0	Right Side	0mm	Ant 7+5(5)	Full power	126	5630	18.84	20.50	1.466	100	1.000	-0.05	1.680	2.462
	WLAN5.5GHz	802.11n-HT40 MCS0	Top Side	0mm	Ant 7+5(5)	Full power	110	5550	18.88	20.50	1.452	100	1.000	0.16	1.290	1.873
	WLAN5.8GHz	802.11a 6Mbps	Front	0mm	Ant 7+5(7)	Standalone	165	5825	19.32	21.00	1.472	99.06	1.009	-0.01	1.030	1.530
	WLAN5.8GHz	802.11a 6Mbps	Back	0mm	Ant 7+5(7)	Standalone	165	5825	19.32	21.00	1.472	99.06	1.009	-0.09	0.863	1.282
125	WLAN5.8GHz	802.11a 6Mbps	Right Side	0mm	Ant 7+5(7)	Standalone	165	5825	19.32	21.00	1.472	99.06	1.009	-0.16	2.130	3.164
	WLAN5.8GHz	802.11a 6Mbps	Right Side	0mm	Ant 7+5(7)	Standalone	157	5785	19.26	21.00	1.493	99.06	1.009	0.18	1.990	2.997
	WLAN5.8GHz	802.11a 6Mbps	Right Side	0mm	Ant 7+5(7)	Standalone	149	5745	19.19	21.00	1.517	99.06	1.009	-0.17	1.870	2.862
	WLAN5.8GHz	802.11a 6Mbps	Top Side	0mm	Ant 7+5(7)	Full power	165	5825	19.77	21.50	1.489	99.06	1.009	-0.04	1.170	1.758
	WLAN5.8GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 7+5(7)	Standalone	157	5785	19.03	21.00	1.574	100	1.000	0.02	1.860	2.928
	WLAN5.8GHz	802.11a 6Mbps	Front	10mm	Ant 7+5(7)	Full power	165	5825	19.77	21.50	1.489	99.06	1.009	0.14	0.251	0.377
	WLAN5.8GHz	802.11a 6Mbps	Back	7mm	Ant 7+5(7)	Full power	165	5825	19.77	21.50	1.489	99.06	1.009	0.11	0.485	0.729
	WLAN5.8GHz	802.11a 6Mbps	Right Side	14mm	Ant 7+5(7)	Full power	165	5825	19.77	21.50	1.489	99.06	1.009	-0.05	0.316	0.475



16.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	633334	3500.01	21.55	22.30	1.189	50	1.000	0.01	1.080	1	1.284
2nd	FR1 n77 Part 27Q HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Cheek	0mm	Ant 8	DSI 2	633334	3500.01	21.55	22.30	1.189	50	1.000	0.06	1.030	1.049	1.224
1st	LTE Band 71	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	133322	683	22.61	24.00	1.377	-	-	0.13	0.836	1	1.151
2nd	LTE Band 71	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	133322	683	22.61	24.00	1.377	-	-	0.06	0.815	1.026	1.122
1st	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	132572	1770	19.56	20.30	1.186	-	-	0.08	1.070	1	1.269
2nd	LTE Band 66	20M	QPSK	1	0	-	Left Side	5mm	Ant 1	DSI 7	132572	1770	19.56	20.30	1.186	-	-	0.01	0.956	1.119	1.134
1st	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	26590	1905	18.75	19.50	1.189	-	-	0.04	1.080	1	1.284
2nd	LTE Band 25	20M	QPSK	1	0	-	Left Side	5mm	Ant 2	DSI 7	26590	1905	18.75	19.50	1.189	-	-	0.01	1.050	1.029	1.248
1st	FR1 n30	10M	QPSK	25	14	-	Right Side	5mm	Ant 0	DSI 7	462000	2310	21.78	22.70	1.236	-	-	-0.07	1.040	1	1.285
2nd	FR1 n30	10M	QPSK	25	14	-	Right Side	5mm	Ant 0	DSI 7	462000	2310	21.78	22.70	1.236	-	-	0.02	1.010	1.030	1.248
1st	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	21350	2560	19.24	19.90	1.164	-	-	0.03	1.090	1	1.269
2nd	LTE Band 7	20M	QPSK	1	0	-	Right Side	5mm	Ant 0	DSI 7	21350	2560	19.24	19.90	1.164	-	-	0.02	1.050	1.038	1.222
1st	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	641666	3624.99	15.57	16.30	1.183	-	-	-0.08	1.080	1	1.278
2nd	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	5mm	Ant 4	DSI 7	641666	3624.99	15.57	16.30	1.183	-	-	0.06	1.050	1.029	1.242
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Right Side	5mm	Ant 7+6(7)	Hotspot	11	2462	13.61	15.00	1.377	97.06	1.030	-0.03	0.991	1	1.406
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Right Side	5mm	Ant 7+6(7)	Hotspot	11	2462	13.61	15.00	1.377	97.06	1.030	0.02	0.975	1.016	1.383
1st	WLAN5.3GHz	-	-	-	-	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(5)	Standalone	54	5270	17.99	19.00	1.262	100	1.000	0.01	0.914	1	1.153
2nd	WLAN5.3GHz	-	-	-	-	802.11n-HT40 MCS0	Front	5mm	Ant 7+5(5)	Standalone	54	5270	17.99	19.00	1.262	100	1.000	0.06	0.896	1.020	1.131
1st	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 1	DSI 11	4233	846.6	23.61	24.00	1.094	-	-	0.04	0.903	1	0.988
2nd	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	5mm	Ant 1	DSI 11	4233	846.6	23.61	24.00	1.094	-	-	0.02	0.895	1.009	0.979
1st	WLAN5.5GHz	-	-	-	-	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 7+5(5)	Standalone	114	5570	15.81	17.00	1.315	100	1.000	0.08	0.875	1	1.151
2nd	WLAN5.5GHz	-	-	-	-	802.11ac-VHT160 MCS0	Left Cheek	0mm	Ant 7+5(5)	Standalone	114	5570	15.81	17.00	1.315	100	1.000	0.05	0.862	1.015	1.134
1st	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 3	656000	3840	19.48	20.20	1.180	-	-	-0.05	1.080	1	1.275
2nd	FR1 n77 Part 27O	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	DSI 3	656000	3840	19.48	20.20	1.180	-	-	0.01	1.040	1.038	1.228
1st	WLAN5.8GHz	-	-	-	-	802.11n-HT40 MCS0	Right Side	5mm	Ant 7+5(7)	Hotspot	159	5795	18.53	19.50	1.250	100	1.000	0.09	0.913	1	1.141
2nd	WLAN5.8GHz	-	-	-	-	802.11n-HT40 MCS0	Right Side	5mm	Ant 7+5(7)	Hotspot	159	5795	18.53	19.50	1.250	100	1.000	0.02	0.896	1.019	1.120
1st	WLAN5.2GHz	-	-	-	-	802.11ac-VHT80 MCS0	Back	5mm	Ant 7+5(7)	Hotspot	42	5210	16.96	18.00	1.271	99.63	1.004	-0.07	0.902	1	1.151
2nd	WLAN5.2GHz	-	-	-	-	802.11ac-VHT80 MCS0	Back	5mm	Ant 7+5(7)	Hotspot	42	5210	16.96	18.00	1.271	99.63	1.004	0.06	0.895	1.008	1.142



<10g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Ratio	Reported 10g SAR (W/kg)
1st	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 6	1413	1732.6	21.87	22.80	1.239	-	-	-0.18	2.570	1	3.184
2nd	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 2	DSI 6	1413	1732.6	21.87	22.80	1.239	-	-	0.01	2.450	1.049	3.035
1st	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	26140	1860	23.01	23.90	1.227	-	-	0.01	2.560	1	3.142
2nd	LTE Band 25	20M	QPSK	1	0	-	Front	0mm	Ant 3	DSI 6	26140	1860	23.01	23.90	1.227	-	-	0.02	2.510	1.020	3.081
1st	LTE Band 30	10M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	27710	2310	22.37	23.30	1.239	-	-	0.02	2.550	1	3.159
2nd	LTE Band 30	10M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	27710	2310	22.37	23.30	1.239	-	-	0.06	2.520	1.012	3.122
1st	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	40185	2549.5	23.47	24.40	1.239	62.9	1.006	-0.03	2.560	1	3.190
2nd	LTE Band 41	20M	QPSK	1	0	-	Left Side	0mm	Ant 2	DSI 6	40185	2549.5	23.47	24.40	1.239	62.9	1.006	0.01	2.430	1.053	3.028
1st	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	42190	3460	21.89	22.80	1.233	62.9	1.006	0.14	2.570	1	3.188
2nd	LTE Band 42 Part 27Q	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 6	42190	3460	21.89	22.80	1.233	62.9	1.006	0.06	2.510	1.024	3.114
1st	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	56640	3690	22.61	23.50	1.227	62.9	1.006	0.18	2.580	1	3.186
2nd	LTE Band 48	20M	QPSK	1	0	-	Left Side	0mm	Ant 4	DSI 6	56640	3690	22.61	23.50	1.227	62.9	1.006	0.01	2.410	1.071	2.976
1st	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	656000	3840	21.01	22.10	1.285	-	-	-0.05	2.460	1	3.162
2nd	FR1 n77 Part 27O	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	0mm	Ant 8	DSI 6	656000	3840	21.01	22.10	1.285	-	-	0.02	2.430	1.012	3.123
1st	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Top Side	0mm	Ant 7+6(6)	Standalone	6	2437	19.29	20.50	1.321	97.06	1.030	0.01	2.310	1	3.144
2nd	WLAN2.4GHz	-	-	-	-	802.11b 1Mbps	Top Side	0mm	Ant 7+6(6)	Standalone	6	2437	19.29	20.50	1.321	97.06	1.030	0.06	2.280	1.013	3.103
1st	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Right Side	0mm	Ant 7+5(7)	Standalone	165	5825	19.32	21.00	1.472	99.06	1.009	-0.16	2.130	1	3.164
2nd	WLAN5.8GHz	-	-	-	-	802.11a 6Mbps	Right Side	0mm	Ant 7+5(7)	Standalone	165	5825	19.32	21.00	1.472	99.06	1.009	0.06	2.090	1.019	3.105

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is $\geq 0.8\text{W/kg}$.
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR $< 1.45\text{W/kg}$, only one repeated measurement is required.
3. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured SAR*.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

16.6 TDD LTE and 5GNR Linearity Data Analysis

General Note:

This device support Power Class 2 and Power Class 3 operations for LTE B41 and 5GNR n41/n77/n78. The highest available duty cycle for Power Class 2 operation is 43.3% for LTE and 50% for 5GNR using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each 5GNR configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

LTE B41-Linearity Data for Head Ant 2			LTE B41-Linearity Data for Head Ant 3		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	21.10	22.70	Maximum Tune up Power (dBm)	18.40	20.00
Reported 1g SAR (W/kg)	1.288	1.192	Reported 1g SAR (W/kg)	1.292	1.184
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	81.55	80.63	Frame Averaged (mW)	43.79	43.30
Linearity SAR (W/kg)	1.274		Linearity SAR (W/kg)	1.277	
% deviation from expected linearity		-6.40%	% deviation from expected linearity		-7.32%
LTE B41-Linearity Data for Body-worn open Ant 2			LTE B41-Linearity Data for Body-worn open Ant 3		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	23.50	25.10	Maximum Tune up Power (dBm)	22.30	23.90
Reported 1g SAR (W/kg)	1.289	1.184	Reported 1g SAR (W/kg)	1.284	1.261
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	141.71	140.12	Frame Averaged (mW)	107.50	106.29
Linearity SAR (W/kg)	1.274		Linearity SAR (W/kg)	1.270	
% deviation from expected linearity		-7.10%	% deviation from expected linearity		-0.67%
LTE B41-Linearity Data for Hotspot open Ant 2			LTE B41-Linearity Data for Hotspot open Ant 3		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	19.90	21.50	Maximum Tune up Power (dBm)	17.80	19.40
Reported 1g SAR (W/kg)	1.282	1.274	Reported 1g SAR (W/kg)	1.280	1.279
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	61.86	61.16	Frame Averaged (mW)	38.14	37.71
Linearity SAR (W/kg)	1.268		Linearity SAR (W/kg)	1.266	
% deviation from expected linearity		0.51%	% deviation from expected linearity		1.06%
LTE B41-Linearity Data for Extremity open Ant 2			LTE B41-Linearity Data for Extremity open Ant 3		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.40	26.00	Maximum Tune up Power (dBm)	22.30	23.90
Reported 10g SAR (W/kg)	3.190	3.159	Reported 10g SAR (W/kg)	3.203	3.123
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	174.34	172.38	Frame Averaged (mW)	107.50	106.29
Linearity SAR (W/kg)	3.154		Linearity SAR (W/kg)	3.167	
% deviation from expected linearity		0.16%	% deviation from expected linearity		-1.39%
LTE B41-Linearity Data for Body-worn close Ant 2			LTE B41-Linearity Data for Body-worn close Ant 3		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.10	25.70	Maximum Tune up Power (dBm)	22.80	24.40
Reported 1g SAR (W/kg)	1.287	1.262	Reported 1g SAR (W/kg)	1.285	1.265
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	162.71	160.87	Frame Averaged (mW)	120.62	119.26
Linearity SAR (W/kg)	1.273		Linearity SAR (W/kg)	1.271	
% deviation from expected linearity		-0.83%	% deviation from expected linearity		-0.44%
LTE B41-Linearity Data for Hotspot close Ant 2			LTE B41-Linearity Data for Hotspot close Ant 3		



	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	20.60	22.20	Maximum Tune up Power (dBm)	19.50	21.10
Reported 1g SAR (W/kg)	1.290	1.245	Reported 1g SAR (W/kg)	1.290	1.213
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	72.68	71.86	Frame Averaged (mW)	56.42	55.78
Linearity SAR (W/kg)	1.275		Linearity SAR (W/kg)	1.275	
% deviation from expected linearity		-2.39%	% deviation from expected linearity		-4.90%

LTE B41-Linearity Data for Head Ant 0			LTE B41-Linearity Data for Head Ant 1		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	25.00	27.00
Reported 1g SAR (W/kg)	0.206	0.261	Reported 1g SAR (W/kg)	0.249	0.253
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01	Frame Averaged (mW)	200.17	217.01
Linearity SAR (W/kg)	0.281		Linearity SAR (W/kg)	0.270	
% deviation from expected linearity		-7.17%	% deviation from expected linearity		-6.28%
LTE B41-Linearity Data for Body-worn open Ant 0			LTE B41-Linearity Data for Body-worn open Ant 1		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	23.10	24.70	Maximum Tune up Power (dBm)	25.00	27.00
Reported 1g SAR (W/kg)	1.299	1.279	Reported 1g SAR (W/kg)	0.775	0.906
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	129.24	127.79	Frame Averaged (mW)	200.17	217.01
Linearity SAR (W/kg)	1.284		Linearity SAR (W/kg)	0.840	
% deviation from expected linearity		-0.42%	% deviation from expected linearity		7.83%
LTE B41-Linearity Data for Hotspot open Ant 0			LTE B41-Linearity Data for Hotspot open Ant 1		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	20.90	22.50	Maximum Tune up Power (dBm)	23.90	25.50
Reported 1g SAR (W/kg)	1.294	1.263	Reported 1g SAR (W/kg)	1.289	1.236
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	77.88	77.00	Frame Averaged (mW)	155.38	153.63
Linearity SAR (W/kg)	1.279		Linearity SAR (W/kg)	1.274	
% deviation from expected linearity		-1.28%	% deviation from expected linearity		-3.02%
LTE B41-Linearity Data for Extremity open Ant 0			LTE B41-Linearity Data for Extremity open Ant 1		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	25.00	27.00
Reported 10g SAR (W/kg)	1.462	2.081	Reported 10g SAR (W/kg)	1.981	2.301
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01	Frame Averaged (mW)	200.17	217.01
Linearity SAR (W/kg)	1.995		Linearity SAR (W/kg)	2.148	
% deviation from expected linearity		4.29%	% deviation from expected linearity		7.14%
LTE B41-Linearity Data for Body-worn close Ant 0			LTE B41-Linearity Data for Body-worn close Ant 1		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	25.00	27.00
Reported 1g SAR (W/kg)	0.317	0.420	Reported 1g SAR (W/kg)	0.680	0.747
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01	Frame Averaged (mW)	200.17	217.01
Linearity SAR (W/kg)	0.433		Linearity SAR (W/kg)	0.737	
% deviation from expected linearity		-2.93%	% deviation from expected linearity		1.33%
LTE B41-Linearity Data for Hotspot close Ant 0			LTE B41-Linearity Data for Hotspot close Ant 1		
	LTE B41	LTE B41		LTE B41	LTE B41



FCC SAR Test Report

Report No. : FA4N2802

	(Power Class 3)	(Power Class 2)		(Power Class 3)	(Power Class 2)
Maximum Tune up Power (dBm)	24.00	26.40	Maximum Tune up Power (dBm)	25.00	27.00
Reported 1g SAR (W/kg)	0.847	1.027	Reported 1g SAR (W/kg)	1.017	1.017
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	189.01	Frame Averaged (mW)	200.17	217.01
Linearity SAR (W/kg)	1.007		Linearity SAR (W/kg)	1.103	
% deviation from expected linearity		2.00%	% deviation from expected linearity		-7.76%

FR1 n41(HPUE)-Linearity Data for Head Ant 2			FR1 n41(HPUE)-Linearity Data for Head Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	19.90	22.90	Maximum Tune up Power (dBm)	19.30	22.30
Reported 1g SAR (W/kg)	1.232	1.277	Reported 1g SAR (W/kg)	1.188	1.288
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	97.72	97.49	Frame Averaged (mW)	85.11	84.91
Linearity SAR (W/kg)	1.229		Linearity SAR (W/kg)	1.185	
% deviation from expected linearity		3.90%	% deviation from expected linearity		8.67%
FR1 n41(HPUE)-Linearity Data for Body-worn open Ant 2			FR1 n41(HPUE)-Linearity Data for Body-worn open Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	22.50	25.50	Maximum Tune up Power (dBm)	21.90	24.90
Reported 1g SAR (W/kg)	1.289	1.210	Reported 1g SAR (W/kg)	1.289	1.257
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	177.83	177.41	Frame Averaged (mW)	154.88	154.51
Linearity SAR (W/kg)	1.286		Linearity SAR (W/kg)	1.286	
% deviation from expected linearity		-5.91%	% deviation from expected linearity		-2.25%
FR1 n41(HPUE)-Linearity Data for Hotspot open Ant 2			FR1 n41(HPUE)-Linearity Data for Hotspot open Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	19.30	22.30	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	1.286	1.224	Reported 1g SAR (W/kg)	1.292	1.204
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	85.11	84.91	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	1.283		Linearity SAR (W/kg)	1.289	
% deviation from expected linearity		-4.60%	% deviation from expected linearity		-6.59%
FR1 n41(HPUE)-Linearity Data for Extremity open Ant 2			FR1 n41(HPUE)-Linearity Data for Extremity open Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	23.80	26.80	Maximum Tune up Power (dBm)	21.70	24.70
Reported 10g SAR (W/kg)	3.183	2.996	Reported 10g SAR (W/kg)	3.189	3.059
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	239.88	239.32	Frame Averaged (mW)	147.91	147.56
Linearity SAR (W/kg)	3.175		Linearity SAR (W/kg)	3.181	
% deviation from expected linearity		-5.65%	% deviation from expected linearity		-3.85%
FR1 n41(HPUE)-Linearity Data for Body-worn close Ant 2			FR1 n41(HPUE)-Linearity Data for Body-worn close Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	23.70	26.70	Maximum Tune up Power (dBm)	23.40	26.40
Reported 1g SAR (W/kg)	1.233	1.286	Reported 1g SAR (W/kg)	1.257	1.269
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	234.42	233.87	Frame Averaged (mW)	218.78	218.26
Linearity SAR (W/kg)	1.230		Linearity SAR (W/kg)	1.254	
% deviation from expected linearity		4.55%	% deviation from expected linearity		1.19%
FR1 n41(HPUE)-Linearity Data for Hotspot close Ant 2			FR1 n41(HPUE)-Linearity Data for Hotspot close Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)



	3)			Class 3)	
Maximum Tune up Power (dBm)	20.30	23.30	Maximum Tune up Power (dBm)	20.60	23.60
Reported 1g SAR (W/kg)	1.175	1.286	Reported 1g SAR (W/kg)	1.264	1.285
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	107.15	106.90	Frame Averaged (mW)	114.82	114.54
Linearity SAR (W/kg)	1.172		Linearity SAR (W/kg)	1.261	
% deviation from expected linearity		9.71%	% deviation from expected linearity		1.90%

FR1 n41(HPUE)-Linearity Data for Head Ant 0			FR1 n41(HPUE)-Linearity Data for Head Ant 1		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.250	0.232	Reported 1g SAR (W/kg)	0.214	0.199
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.249		Linearity SAR (W/kg)	0.213	
% deviation from expected linearity		-6.98%	% deviation from expected linearity		-6.79%
FR1 n41(HPUE)-Linearity Data for Body-worn open Ant 0			FR1 n41(HPUE)-Linearity Data for Body-worn open Ant 1		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	21.90	24.90	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.277	1.253	Reported 1g SAR (W/kg)	1.128	1.112
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	154.88	154.51	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.274		Linearity SAR (W/kg)	1.125	
% deviation from expected linearity		-1.65%	% deviation from expected linearity		-1.18%
FR1 n41(HPUE)-Linearity Data for Hotspot open Ant 0			FR1 n41(HPUE)-Linearity Data for Hotspot open Ant 1		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	19.30	22.30	Maximum Tune up Power (dBm)	22.10	25.10
Reported 1g SAR (W/kg)	1.277	1.210	Reported 1g SAR (W/kg)	1.269	1.248
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	85.11	84.91	Frame Averaged (mW)	162.18	161.80
Linearity SAR (W/kg)	1.274		Linearity SAR (W/kg)	1.266	
% deviation from expected linearity		-5.02%	% deviation from expected linearity		-1.42%
FR1 n41(HPUE)-Linearity Data for Extremity open Ant 0			FR1 n41(HPUE)-Linearity Data for Extremity open Ant 1		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 10g SAR (W/kg)	2.852	2.700	Reported 10g SAR (W/kg)	2.589	2.419
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	2.845		Linearity SAR (W/kg)	2.583	
% deviation from expected linearity		-5.10%	% deviation from expected linearity		-6.34%
FR1 n41(HPUE)-Linearity Data for Body-worn close Ant 0			FR1 n41(HPUE)-Linearity Data for Body-worn close Ant 1		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.519	0.490	Reported 1g SAR (W/kg)	0.922	0.946
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.518		Linearity SAR (W/kg)	0.920	
% deviation from expected linearity		-5.36%	% deviation from expected linearity		2.85%
FR1 n41(HPUE)-Linearity Data for Hotspot close Ant 0			FR1 n41(HPUE)-Linearity Data for Hotspot close Ant 1		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)



FCC SAR Test Report

Report No. : FA4N2802

Maximum Tune up Power (dBm)	23.80	26.80	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.274	1.216	Reported 1g SAR (W/kg)	0.735	0.758
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	239.88	239.32	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.271		Linearity SAR (W/kg)	0.733	
% deviation from expected linearity		-4.33%	% deviation from expected linearity		3.37%

FR1 n77 Part 270(HPUE)-Linearity Data for Head Ant 4			FR1 n77 Part 270(HPUE)-Linearity Data for Head Ant 8		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	17.10	20.10	Maximum Tune up Power (dBm)	19.30	22.30
Reported 1g SAR (W/kg)	1.277	1.235	Reported 1g SAR (W/kg)	1.159	1.143
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	51.29	51.16	Frame Averaged (mW)	85.11	84.91
Linearity SAR (W/kg)	1.274		Linearity SAR (W/kg)	1.156	
% deviation from expected linearity		-3.06%	% deviation from expected linearity		-1.15%
FR1 n77 Part 270(HPUE)-Linearity Data for Body-worn open Ant 4			FR1 n77 Part 270(HPUE)-Linearity Data for Body-worn open Ant 8		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	20.20	23.20	Maximum Tune up Power (dBm)	20.70	23.70
Reported 1g SAR (W/kg)	1.275	1.240	Reported 1g SAR (W/kg)	1.275	1.192
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	104.71	104.46	Frame Averaged (mW)	117.49	117.21
Linearity SAR (W/kg)	1.272		Linearity SAR (W/kg)	1.272	
% deviation from expected linearity		-2.51%	% deviation from expected linearity		-6.29%
FR1 n77 Part 270(HPUE)-Linearity Data for Hotspot open Ant 4			FR1 n77 Part 270(HPUE)-Linearity Data for Hotspot open Ant 8		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	17.30	20.30	Maximum Tune up Power (dBm)	19.10	22.10
Reported 1g SAR (W/kg)	1.225	1.211	Reported 1g SAR (W/kg)	1.285	1.203
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	53.70	53.58	Frame Averaged (mW)	81.28	81.09
Linearity SAR (W/kg)	1.222		Linearity SAR (W/kg)	1.282	
% deviation from expected linearity		-0.91%	% deviation from expected linearity		-6.16%
FR1 n77 Part 270(HPUE)-Linearity Data for Extremity open Ant 4			FR1 n77 Part 270(HPUE)-Linearity Data for Extremity open Ant 8		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	22.10	25.10
Reported 10g SAR (W/kg)	2.454	2.414	Reported 10g SAR (W/kg)	3.162	3.004
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	162.18	161.80
Linearity SAR (W/kg)	2.448		Linearity SAR (W/kg)	3.155	
% deviation from expected linearity		-1.40%	% deviation from expected linearity		-4.77%
FR1 n77 Part 270(HPUE)-Linearity Data for Body-worn close Ant 4			FR1 n77 Part 270(HPUE)-Linearity Data for Body-worn close Ant 8		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	23.10	26.10	Maximum Tune up Power (dBm)	22.40	25.40
Reported 1g SAR (W/kg)	1.271	1.226	Reported 1g SAR (W/kg)	1.270	1.152
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	204.17	203.69	Frame Averaged (mW)	173.78	173.37
Linearity SAR (W/kg)	1.268		Linearity SAR (W/kg)	1.267	
% deviation from expected linearity		-3.31%	% deviation from expected linearity		-9.08%



FR1 n77 Part 270(HPUE)-Linearity Data for Hotspot close Ant 4			FR1 n77 Part 270(HPUE)-Linearity Data for Hotspot close Ant 8		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	20.80	23.80
Reported 1g SAR (W/kg)	1.140	1.045	Reported 1g SAR (W/kg)	1.230	1.289
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	120.23	119.94
Linearity SAR (W/kg)	1.137		Linearity SAR (W/kg)	1.227	
% deviation from expected linearity		-8.12%	% deviation from expected linearity		5.05%

FR1 n77 Part 270(HPUE)-Linearity Data for Head Ant 3			FR1 n77 Part 270(HPUE)-Linearity Data for Head Ant 5		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	18.80	21.80	Maximum Tune up Power (dBm)	16.30	19.30
Reported 1g SAR (W/kg)	1.044	1.137	Reported 1g SAR (W/kg)	1.290	1.293
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	75.86	75.68	Frame Averaged (mW)	42.66	42.56
Linearity SAR (W/kg)	1.042		Linearity SAR (W/kg)	1.287	
% deviation from expected linearity		9.17%	% deviation from expected linearity		0.47%
FR1 n77 Part 270(HPUE)-Linearity Data for Body-worn open Ant 3			FR1 n77 Part 270(HPUE)-Linearity Data for Body-worn open Ant 5		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	22.80	25.80	Maximum Tune up Power (dBm)	22.80	25.80
Reported 1g SAR (W/kg)	1.151	1.074	Reported 1g SAR (W/kg)	1.292	1.228
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	190.55	190.09	Frame Averaged (mW)	190.55	190.09
Linearity SAR (W/kg)	1.148		Linearity SAR (W/kg)	1.289	
% deviation from expected linearity		-6.47%	% deviation from expected linearity		-4.73%
FR1 n77 Part 270(HPUE)-Linearity Data for Hotspot open Ant 3			FR1 n77 Part 270(HPUE)-Linearity Data for Hotspot open Ant 5		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	18.60	21.60	Maximum Tune up Power (dBm)	16.60	19.60
Reported 1g SAR (W/kg)	0.772	0.731	Reported 1g SAR (W/kg)	1.295	1.206
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	72.44	72.27	Frame Averaged (mW)	45.71	45.60
Linearity SAR (W/kg)	0.770		Linearity SAR (W/kg)	1.292	
% deviation from expected linearity		-5.09%	% deviation from expected linearity		-6.65%
FR1 n77 Part 270(HPUE)-Linearity Data for Extremity open Ant 3			FR1 n77 Part 270(HPUE)-Linearity Data for Extremity open Ant 5		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	22.00	25.00	Maximum Tune up Power (dBm)	20.40	23.40
Reported 10g SAR (W/kg)	2.372	2.240	Reported 10g SAR (W/kg)	1.744	1.645
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	158.49	158.11	Frame Averaged (mW)	109.65	109.39
Linearity SAR (W/kg)	2.366		Linearity SAR (W/kg)	1.740	
% deviation from expected linearity		-5.34%	% deviation from expected linearity		-5.45%
FR1 n77 Part 270(HPUE)-Linearity Data for Body-worn close Ant 3			FR1 n77 Part 270(HPUE)-Linearity Data for Body-worn close Ant 5		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	23.50	26.50	Maximum Tune up Power (dBm)	23.60	26.60
Reported 1g SAR (W/kg)	0.977	0.960	Reported 1g SAR (W/kg)	0.960	0.965



FCC SAR Test Report

Report No. : FA4N2802

Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	223.87	223.34	Frame Averaged (mW)	229.09	228.54
Linearity SAR (W/kg)	0.975		Linearity SAR (W/kg)	0.958	
% deviation from expected linearity		-1.51%	% deviation from expected linearity		0.76%
FR1 n77 Part 27O(HPUE)-Linearity Data for Hotspot close Ant 3			FR1 n77 Part 27O(HPUE)-Linearity Data for Hotspot close Ant 5		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	20.20	23.20	Maximum Tune up Power (dBm)	19.60	22.60
Reported 1g SAR (W/kg)	0.513	0.560	Reported 1g SAR (W/kg)	1.229	1.188
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	104.71	104.46	Frame Averaged (mW)	91.20	90.99
Linearity SAR (W/kg)	0.512		Linearity SAR (W/kg)	1.226	
% deviation from expected linearity		9.42%	% deviation from expected linearity		-3.11%

FR1 n77 Part 27Q(HPUE)-Linearity Data for Head Ant 4			FR1 n77 Part 27Q(HPUE)-Linearity Data for Head Ant 8		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	17.10	20.10	Maximum Tune up Power (dBm)	19.30	22.30
Reported 1g SAR (W/kg)	0.880	0.859	Reported 1g SAR (W/kg)	1.201	1.284
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	51.29	51.16	Frame Averaged (mW)	85.11	84.91
Linearity SAR (W/kg)	0.878		Linearity SAR (W/kg)	1.198	
% deviation from expected linearity		-2.15%	% deviation from expected linearity		7.16%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn open Ant 4			FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn open Ant 8		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	20.20	23.20	Maximum Tune up Power (dBm)	20.70	23.70
Reported 1g SAR (W/kg)	0.957	0.915	Reported 1g SAR (W/kg)	1.092	1.026
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	104.71	104.46	Frame Averaged (mW)	117.49	117.21
Linearity SAR (W/kg)	0.955		Linearity SAR (W/kg)	1.089	
% deviation from expected linearity		-4.16%	% deviation from expected linearity		-5.82%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot open Ant 4			FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot open Ant 8		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	17.30	20.30	Maximum Tune up Power (dBm)	19.10	22.10
Reported 1g SAR (W/kg)	1.279	1.249	Reported 1g SAR (W/kg)	1.062	1.017
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	53.70	53.58	Frame Averaged (mW)	81.28	81.09
Linearity SAR (W/kg)	1.276		Linearity SAR (W/kg)	1.059	
% deviation from expected linearity		-2.11%	% deviation from expected linearity		-4.01%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Extremity open Ant 4			FR1 n77 Part 27Q(HPUE)-Linearity Data for Extremity open Ant 8		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	22.10	25.10
Reported 10g SAR (W/kg)	3.164	2.970	Reported 10g SAR (W/kg)	3.198	3.126
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	162.18	161.80
Linearity SAR (W/kg)	3.157		Linearity SAR (W/kg)	3.190	
% deviation from expected linearity		-5.91%	% deviation from expected linearity		-2.02%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn close Ant 4			FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn close Ant 8		
	FR1 n77 Part	FR1 n77 Part		FR1 n77	FR1 n77 Part



FCC SAR Test Report

Report No. : FA4N2802

	27Q (Power Class 3)	27Q (Power Class 2)		Part 27Q (Power Class 3)	27Q (Power Class 2)
Maximum Tune up Power (dBm)	23.10	26.10	Maximum Tune up Power (dBm)	22.40	25.40
Reported 1g SAR (W/kg)	1.150	1.121	Reported 1g SAR (W/kg)	1.002	1.083
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	204.17	203.69	Frame Averaged (mW)	173.78	173.37
Linearity SAR (W/kg)			Linearity SAR (W/kg)	1.000	
% deviation from expected linearity		-2.29%	% deviation from expected linearity		8.34%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot close Ant 4			FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot close Ant 8		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	20.80	23.80
Reported 1g SAR (W/kg)	1.265	1.264	Reported 1g SAR (W/kg)	1.085	0.998
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	120.23	119.94
Linearity SAR (W/kg)	1.262		Linearity SAR (W/kg)	1.082	
% deviation from expected linearity		0.16%	% deviation from expected linearity		-7.80%

FR1 n77 Part 27Q(HPUE)-Linearity Data for Head Ant 3			FR1 n77 Part 27Q(HPUE)-Linearity Data for Head Ant 5		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	18.80	21.80	Maximum Tune up Power (dBm)	16.30	19.30
Reported 1g SAR (W/kg)	1.263	1.284	Reported 1g SAR (W/kg)	0.795	0.775
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	75.86	75.68	Frame Averaged (mW)	42.66	42.56
Linearity SAR (W/kg)	1.260		Linearity SAR (W/kg)	0.793	
% deviation from expected linearity		1.90%	% deviation from expected linearity		-2.28%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn open Ant 3			FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn open Ant 5		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	22.80	25.80	Maximum Tune up Power (dBm)	22.80	25.80
Reported 1g SAR (W/kg)	1.277	1.160	Reported 1g SAR (W/kg)	1.207	1.161
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	190.55	190.09	Frame Averaged (mW)	190.55	190.09
Linearity SAR (W/kg)	1.274		Linearity SAR (W/kg)	1.204	
% deviation from expected linearity		-8.95%	% deviation from expected linearity		-3.58%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot open Ant 3			FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot open Ant 5		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	18.60	21.60	Maximum Tune up Power (dBm)	16.60	19.60
Reported 1g SAR (W/kg)	1.210	1.172	Reported 1g SAR (W/kg)	0.710	0.661
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	72.44	72.27	Frame Averaged (mW)	45.71	45.60
Linearity SAR (W/kg)	1.207		Linearity SAR (W/kg)	0.708	
% deviation from expected linearity		-2.91%	% deviation from expected linearity		-6.68%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Extremity open Ant 3			FR1 n77 Part 27Q(HPUE)-Linearity Data for Extremity open Ant 5		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	22.00	25.00	Maximum Tune up Power (dBm)	20.40	23.40
Reported 10g SAR (W/kg)	3.194	3.033	Reported 10g SAR (W/kg)	3.194	3.120
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	158.49	158.11	Frame Averaged (mW)	109.65	109.39



Linearity SAR (W/kg)	3.186		Linearity SAR (W/kg)	3.186	
% deviation from expected linearity		-4.82%	% deviation from expected linearity		-2.08%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn close Ant 3			FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn close Ant 5		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	23.50	26.50	Maximum Tune up Power (dBm)	23.60	26.60
Reported 1g SAR (W/kg)	1.225	1.269	Reported 1g SAR (W/kg)	1.200	1.275
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	223.87	223.34	Frame Averaged (mW)	229.09	228.54
Linearity SAR (W/kg)	1.222		Linearity SAR (W/kg)	1.197	
% deviation from expected linearity		3.84%	% deviation from expected linearity		6.50%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot close Ant 3			FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot close Ant 5		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	20.20	23.20	Maximum Tune up Power (dBm)	19.60	22.60
Reported 1g SAR (W/kg)	1.227	1.281	Reported 1g SAR (W/kg)	1.263	1.271
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	104.71	104.46	Frame Averaged (mW)	91.20	90.99
Linearity SAR (W/kg)	1.224		Linearity SAR (W/kg)	1.260	
% deviation from expected linearity		4.65%	% deviation from expected linearity		0.87%

Sensor off

LTE B41-Linearity Data for Body-worn close Ant 2			LTE B41-Linearity Data for Body-worn close Ant 3		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.00	Maximum Tune up Power (dBm)	25.00	27.00
Reported 1g SAR (W/kg)	0.587	0.662	Reported 1g SAR (W/kg)	0.544	0.631
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	217.01	Frame Averaged (mW)	200.17	217.01
Linearity SAR (W/kg)	0.636		Linearity SAR (W/kg)	0.590	
% deviation from expected linearity		4.02%	% deviation from expected linearity		6.99%
LTE B41-Linearity Data for Body-worn open Ant 2			LTE B41-Linearity Data for Body-worn open Ant 3		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.00	Maximum Tune up Power (dBm)	25.00	27.00
Reported 1g SAR (W/kg)	0.332	0.385	Reported 1g SAR (W/kg)	0.240	0.275
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	217.01	Frame Averaged (mW)	200.17	217.01
Linearity SAR (W/kg)	0.360		Linearity SAR (W/kg)	0.260	
% deviation from expected linearity		6.96%	% deviation from expected linearity		5.69%
LTE B41-Linearity Data for Extremity open Ant 2			LTE B41-Linearity Data for Extremity open Ant 3		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)		LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	25.00	27.00	Maximum Tune up Power (dBm)	25.00	27.00
Reported 10g SAR (W/kg)	0.528	0.582	Reported 10g SAR (W/kg)	0.524	0.619
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	200.17	217.01	Frame Averaged (mW)	200.17	217.01
Linearity SAR (W/kg)	0.572		Linearity SAR (W/kg)	0.568	
% deviation from expected linearity		1.67%	% deviation from expected linearity		8.96%
FR1 n41(HPUE)-Linearity Data for Body-worn close Ant 2			FR1 n41(HPUE)-Linearity Data for Body-worn close Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.50	27.50
Reported 1g SAR (W/kg)	0.427	0.449	Reported 1g SAR (W/kg)	0.723	0.723



Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	281.84	281.17
Linearity SAR (W/kg)	0.426		Linearity SAR (W/kg)	0.721	
% deviation from expected linearity		5.40%	% deviation from expected linearity		0.24%
FR1 n41(HPUE)-Linearity Data for Body-worn open Ant 2			FR1 n41(HPUE)-Linearity Data for Body-worn open Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.50	27.50
Reported 1g SAR (W/kg)	0.397	0.419	Reported 1g SAR (W/kg)	0.384	0.392
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	281.84	281.17
Linearity SAR (W/kg)	0.396		Linearity SAR (W/kg)	0.383	
% deviation from expected linearity		5.79%	% deviation from expected linearity		2.33%
FR1 n41(HPUE)-Linearity Data for Extremity open Ant 2			FR1 n41(HPUE)-Linearity Data for Extremity open Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.50	27.50
Reported 10g SAR (W/kg)	0.617	0.663	Reported 10g SAR (W/kg)	0.533	0.543
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	281.84	281.17
Linearity SAR (W/kg)	0.616		Linearity SAR (W/kg)	0.532	
% deviation from expected linearity		7.71%	% deviation from expected linearity		2.12%
FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn close Ant 4			FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn close Ant 8		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.072	1.120	Reported 1g SAR (W/kg)	0.683	0.654
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.069		Linearity SAR (W/kg)	0.681	
% deviation from expected linearity		4.73%	% deviation from expected linearity		-4.02%
FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn open Ant 4			FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn open Ant 8		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.516	0.508	Reported 1g SAR (W/kg)	0.358	0.348
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.515		Linearity SAR (W/kg)	0.357	
% deviation from expected linearity		-1.32%	% deviation from expected linearity		-2.56%
FR1 n77 Part 27O(HPUE)-Linearity Data for Extremity open Ant 4			FR1 n77 Part 27O(HPUE)-Linearity Data for Extremity open Ant 8		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 10g SAR (W/kg)	0.825	0.820	Reported 10g SAR (W/kg)	0.659	0.653
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.823		Linearity SAR (W/kg)	0.657	
% deviation from expected linearity		-0.37%	% deviation from expected linearity		-0.68%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn close Ant 4			FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn close Ant 8		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00



FCC SAR Test Report

Report No. : FA4N2802

Reported 1g SAR (W/kg)	0.595	0.634	Reported 1g SAR (W/kg)	0.485	0.507
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.594		Linearity SAR (W/kg)	0.484	
% deviation from expected linearity		6.81%	% deviation from expected linearity		4.78%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn open Ant 4			FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn open Ant 8		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.266	0.258	Reported 1g SAR (W/kg)	0.212	0.207
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.265		Linearity SAR (W/kg)	0.211	
% deviation from expected linearity		-2.78%	% deviation from expected linearity		-2.13%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Extremity open Ant 4			FR1 n77 Part 27Q(HPUE)-Linearity Data for Extremity open Ant 8		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 10g SAR (W/kg)	0.470	0.447	Reported 10g SAR (W/kg)	0.392	0.372
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.469		Linearity SAR (W/kg)	0.391	
% deviation from expected linearity		-4.67%	% deviation from expected linearity		-4.88%

LTE B41-Linearity Data for Body-worn open Ant 0		
	LTE B41 (Power Class 3)	LTE B41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.134	0.194
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	0.183	
% deviation from expected linearity		6.07%

FR1 n41(HPUE)-Linearity Data for Body-worn open Ant 0		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.161	0.155
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.161	
% deviation from expected linearity		-3.50%

FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn close Ant 3			FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn close Ant 5		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	20.40	23.40
Reported 1g SAR (W/kg)	0.565	0.592	Reported 1g SAR (W/kg)	0.271	0.256
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	109.65	109.39
Linearity SAR (W/kg)	0.564		Linearity SAR (W/kg)	0.270	
% deviation from expected linearity		5.03%	% deviation from expected linearity		-5.31%
FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn open Ant 3			FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn open Ant 5		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)



FCC SAR Test Report

Report No. : FA4N2802

Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	20.40	23.40
Reported 1g SAR (W/kg)	0.204	0.196	Reported 1g SAR (W/kg)	0.236	0.226
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	109.65	109.39
Linearity SAR (W/kg)	0.204		Linearity SAR (W/kg)	0.235	
% deviation from expected linearity		-3.69%	% deviation from expected linearity		-4.01%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Extremity open Ant 3					
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)			
Maximum Tune up Power (dBm)	24.00	27.00			
Reported 10g SAR (W/kg)	0.297	0.296			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	251.19	250.59			
Linearity SAR (W/kg)	0.296				
% deviation from expected linearity		-0.10%			
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn close Ant 3			FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn close Ant 5		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	20.40	23.40
Reported 1g SAR (W/kg)	0.694	0.729	Reported 1g SAR (W/kg)	0.219	0.219
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	109.65	109.39
Linearity SAR (W/kg)	0.692		Linearity SAR (W/kg)	0.218	
% deviation from expected linearity		5.29%	% deviation from expected linearity		0.24%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn open Ant 3			FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn open Ant 5		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	20.40	23.40
Reported 1g SAR (W/kg)	0.223	0.217	Reported 1g SAR (W/kg)	0.190	0.183
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	109.65	109.39
Linearity SAR (W/kg)	0.222		Linearity SAR (W/kg)	0.190	
% deviation from expected linearity		-2.46%	% deviation from expected linearity		-3.46%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Extremity open Ant 3					
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)			
Maximum Tune up Power (dBm)	24.00	27.00			
Reported 10g SAR (W/kg)	0.335	0.322			
Duty Cycle	100.00%	50.00%			
Frame Averaged (mW)	251.19	250.59			
Linearity SAR (W/kg)	0.334				
% deviation from expected linearity		-3.65%			



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FR1 n41(PC1.5)-Linearity Data for Head Ant 2+3 open			FR1 n41(PC1.5)-Linearity Data for Head Ant 0+1 open		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	19.60	22.60	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	1.262	1.225	Reported 1g SAR (W/kg)	0.200	0.187
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	45.60	45.49	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	1.259		Linearity SAR (W/kg)	0.200	
% deviation from expected linearity		-2.70%	% deviation from expected linearity		-6.28%
FR1 n41(PC1.5)-Linearity Data for Body worn Ant 2+3 open			FR1 n41(PC1.5)-Linearity Data for Body worn Ant 0+1 open		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	22.00	25.00	Maximum Tune up Power (dBm)	25.30	28.30
Reported 1g SAR (W/kg)	1.281	1.278	Reported 1g SAR (W/kg)	1.100	1.129
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	79.24	79.06	Frame Averaged (mW)	169.42	169.02
Linearity SAR (W/kg)	1.278		Linearity SAR (W/kg)	1.097	
% deviation from expected linearity		0.00%	% deviation from expected linearity		2.88%
FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 2+3 open			FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 0+1 open		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	19.10	21.10	Maximum Tune up Power (dBm)	23.00	26.00
Reported 1g SAR (W/kg)	1.259	1.026	Reported 1g SAR (W/kg)	1.256	1.251
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	40.64	32.21	Frame Averaged (mW)	99.76	99.53
Linearity SAR (W/kg)	0.998		Linearity SAR (W/kg)	1.253	
% deviation from expected linearity		2.84%	% deviation from expected linearity		-0.16%
FR1 n41(PC1.5)-Linearity Data for Extremity Ant 2+3 open			FR1 n41(PC1.5)-Linearity Data for Extremity Ant 0+1 open		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	22.30	25.30	Maximum Tune up Power (dBm)	26.00	29.00
Reported 10g SAR (W/kg)	3.144	3.080	Reported 10g SAR (W/kg)	2.572	2.514
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	84.91	84.71	Frame Averaged (mW)	199.05	198.58
Linearity SAR (W/kg)	3.137		Linearity SAR (W/kg)	2.566	
% deviation from expected linearity		-1.80%	% deviation from expected linearity		-2.02%
FR1 n41(PC1.5)-Linearity Data for Body-worn Ant 2+3 close			FR1 n41(PC1.5)-Linearity Data for Body-worn Ant 0+1 close		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	24.20	27.20	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	1.247	1.252	Reported 1g SAR (W/kg)	0.508	0.505
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	131.51	131.20	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	1.244		Linearity SAR (W/kg)	0.507	
% deviation from expected linearity		0.64%	% deviation from expected linearity		-0.35%
FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 2+3 close			FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 0+1 close		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	21.10	24.10	Maximum Tune up Power (dBm)	24.30	27.30
Reported 1g SAR (W/kg)	1.226	1.279	Reported 1g SAR (W/kg)	0.757	0.734
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	64.41	64.26	Frame Averaged (mW)	134.58	134.26
Linearity SAR (W/kg)	1.223		Linearity SAR (W/kg)	0.755	
% deviation from expected linearity		4.57%	% deviation from expected linearity		-2.81%
FR1 n77 Part 270(PC1.5)-Linearity Data for Head open Ant 4+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Head open Ant 4+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	20.50	23.50	Maximum Tune up Power (dBm)	20.50	23.50
Reported 1g SAR (W/kg)	1.275	1.257	Reported 1g SAR (W/kg)	0.949	0.950



FCC SAR Test Report

Report No. : FA4N2802

Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	56.10	55.97	Frame Averaged (mW)	56.10	55.97
Linearity SAR (W/kg)	1.272		Linearity SAR (W/kg)	0.947	
% deviation from expected linearity		-1.18%	% deviation from expected linearity		0.34%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Head open Ant 4+5			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Head open Ant 4+5		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	20.00	23.00
Reported 1g SAR (W/kg)	1.267	1.225	Reported 1g SAR (W/kg)	1.062	1.034
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	50.00	49.88	Frame Averaged (mW)	50.00	49.88
Linearity SAR (W/kg)	1.264		Linearity SAR (W/kg)	1.059	
% deviation from expected linearity		-3.09%	% deviation from expected linearity		-2.41%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Head open Ant 3+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Head open Ant 3+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	21.20	24.18	Maximum Tune up Power (dBm)	22.60	25.60
Reported 1g SAR (W/kg)	1.265	1.230	Reported 1g SAR (W/kg)	0.973	0.953
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	65.93	65.41	Frame Averaged (mW)	90.99	90.77
Linearity SAR (W/kg)	1.255		Linearity SAR (W/kg)	0.971	
% deviation from expected linearity		-1.99%	% deviation from expected linearity		-1.82%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn open Ant 4+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn open Ant 4+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	23.30	26.30	Maximum Tune up Power (dBm)	23.30	26.30
Reported 1g SAR (W/kg)	1.269	1.246	Reported 1g SAR (W/kg)	1.085	1.060
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	106.90	106.64	Frame Averaged (mW)	106.90	106.64
Linearity SAR (W/kg)	1.266		Linearity SAR (W/kg)	1.082	
% deviation from expected linearity		-1.58%	% deviation from expected linearity		-2.07%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn open Ant 4+5			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn open Ant 4+5		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	23.60	26.60	Maximum Tune up Power (dBm)	23.60	26.60
Reported 1g SAR (W/kg)	1.265	1.268	Reported 1g SAR (W/kg)	1.110	1.055
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	114.54	114.27	Frame Averaged (mW)	114.54	114.27
Linearity SAR (W/kg)	1.262		Linearity SAR (W/kg)	1.107	
% deviation from expected linearity		0.48%	% deviation from expected linearity		-4.73%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn open Ant 3+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn open Ant 3+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	23.70	26.70	Maximum Tune up Power (dBm)	23.70	26.70
Reported 1g SAR (W/kg)	1.271	1.243	Reported 1g SAR (W/kg)	1.163	1.102
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	117.21	116.93	Frame Averaged (mW)	117.21	116.93
Linearity SAR (W/kg)	1.268		Linearity SAR (W/kg)	1.160	
% deviation from expected linearity		-1.97%	% deviation from expected linearity		-5.02%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Hotspot open Ant 4+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Hotspot open Ant 4+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	20.60	23.60	Maximum Tune up Power (dBm)	20.60	23.60
Reported 1g SAR (W/kg)	1.265	1.265	Reported 1g SAR (W/kg)	1.277	1.183
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	57.41	57.27	Frame Averaged (mW)	57.41	57.27
Linearity SAR (W/kg)	1.262		Linearity SAR (W/kg)	1.274	
% deviation from expected linearity		0.24%	% deviation from expected linearity		-7.14%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Hotspot open Ant 4+5			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Hotspot open Ant 4+5		
	FR1 n77 Part 27O	FR1 n77 Part 27O		FR1 n77 Part 27Q	FR1 n77 Part 27Q



	(Power Class 2)	(Power Class 1.5)		(Power Class 2)	(Power Class 3)
Maximum Tune up Power (dBm)	19.70	22.70	Maximum Tune up Power (dBm)	19.70	22.70
Reported 1g SAR (W/kg)	1.266	1.252	Reported 1g SAR (W/kg)	1.078	1.029
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	46.66	46.55	Frame Averaged (mW)	46.66	46.55
Linearity SAR (W/kg)	1.263		Linearity SAR (W/kg)	1.075	
% deviation from expected linearity		-0.87%	% deviation from expected linearity		-4.32%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Hotspot open Ant 3+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Hotspot open Ant 3+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	20.60	23.60	Maximum Tune up Power (dBm)	20.60	23.60
Reported 1g SAR (W/kg)	1.244	1.234	Reported 1g SAR (W/kg)	1.278	1.247
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	57.41	57.27	Frame Averaged (mW)	57.41	57.27
Linearity SAR (W/kg)	1.241		Linearity SAR (W/kg)	1.275	
% deviation from expected linearity		-0.57%	% deviation from expected linearity		-2.19%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Extremity open Ant 4+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Extremity open Ant 4+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	23.80	26.80	Maximum Tune up Power (dBm)	23.80	26.80
Reported 10g SAR (W/kg)	3.151	3.080	Reported 10g SAR (W/kg)	2.662	2.560
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	119.94	119.66	Frame Averaged (mW)	119.94	119.66
Linearity SAR (W/kg)	3.144		Linearity SAR (W/kg)	2.656	
% deviation from expected linearity		-2.02%	% deviation from expected linearity		-3.60%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Extremity open Ant 4+5			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Extremity open Ant 4+5		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	23.70	26.70	Maximum Tune up Power (dBm)	23.70	26.70
Reported 10g SAR (W/kg)	3.072	3.072	Reported 10g SAR (W/kg)	2.637	2.472
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	117.21	116.93	Frame Averaged (mW)	117.21	116.93
Linearity SAR (W/kg)	3.065		Linearity SAR (W/kg)	2.631	
% deviation from expected linearity		0.24%	% deviation from expected linearity		-6.03%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Extremity open Ant 3+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Extremity open Ant 3+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	25.90	28.90	Maximum Tune up Power (dBm)	25.90	28.90
Reported 10g SAR (W/kg)	3.187	3.178	Reported 10g SAR (W/kg)	2.809	2.756
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	194.52	194.06	Frame Averaged (mW)	194.52	194.06
Linearity SAR (W/kg)	3.179		Linearity SAR (W/kg)	2.802	
% deviation from expected linearity		-0.05%	% deviation from expected linearity		-1.65%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn close Ant 4+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn close Ant 4+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.252	1.183	Reported 1g SAR (W/kg)	1.160	1.067
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	125.59	125.30	Frame Averaged (mW)	125.59	125.30
Linearity SAR (W/kg)	1.249		Linearity SAR (W/kg)	1.157	
% deviation from expected linearity		-5.29%	% deviation from expected linearity		-7.80%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn close Ant 4+5			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn close Ant 4+5		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.260	1.259	Reported 1g SAR (W/kg)	1.084	1.078
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	125.59	125.30	Frame Averaged (mW)	125.59	125.30
Linearity SAR (W/kg)	1.257		Linearity SAR (W/kg)	1.081	



% deviation from expected linearity		0.16%	% deviation from expected linearity		-0.32%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn close Ant 3+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn close Ant 3+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	24.40	27.40	Maximum Tune up Power (dBm)	24.40	27.40
Reported 1g SAR (W/kg)	1.251	1.225	Reported 1g SAR (W/kg)	1.220	1.199
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	137.71	137.39	Frame Averaged (mW)	137.71	137.39
Linearity SAR (W/kg)	1.248		Linearity SAR (W/kg)	1.217	
% deviation from expected linearity		-1.85%	% deviation from expected linearity		-1.49%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Hotspot close Ant 4+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Hotspot close Ant 4+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	22.00	25.00	Maximum Tune up Power (dBm)	22.00	25.00
Reported 1g SAR (W/kg)	1.255	1.230	Reported 1g SAR (W/kg)	1.262	1.211
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	79.24	79.06	Frame Averaged (mW)	79.24	79.06
Linearity SAR (W/kg)	1.252		Linearity SAR (W/kg)	1.259	
% deviation from expected linearity		-1.76%	% deviation from expected linearity		-3.81%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Hotspot close Ant 4+5			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Hotspot close Ant 4+5		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	21.00	24.00	Maximum Tune up Power (dBm)	21.00	24.00
Reported 1g SAR (W/kg)	1.250	1.264	Reported 1g SAR (W/kg)	1.218	1.191
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	62.95	62.80	Frame Averaged (mW)	62.95	62.80
Linearity SAR (W/kg)	1.247		Linearity SAR (W/kg)	1.215	
% deviation from expected linearity		1.36%	% deviation from expected linearity		-1.98%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Hotspot close Ant 3+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Hotspot close Ant 3+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	22.80	25.80	Maximum Tune up Power (dBm)	22.80	25.80
Reported 1g SAR (W/kg)	1.274	1.271	Reported 1g SAR (W/kg)	1.160	1.141
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	95.27	95.05	Frame Averaged (mW)	95.27	95.05
Linearity SAR (W/kg)	1.271		Linearity SAR (W/kg)	1.157	
% deviation from expected linearity		0.00%	% deviation from expected linearity		-1.40%

FR1 n41(PC1.5)-Linearity Data for Body-worn Ant 2+1 close			FR1 n41(PC1.5)-Linearity Data for Body-worn Ant 0+3 close		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	26.40	29.40	Maximum Tune up Power (dBm)	26.50	29.50
Reported 1g SAR (W/kg)	0.583	0.544	Reported 1g SAR (W/kg)	0.518	0.479
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	218.26	217.74	Frame Averaged (mW)	223.34	222.81
Linearity SAR (W/kg)	0.582		Linearity SAR (W/kg)	0.517	
% deviation from expected linearity		-6.47%	% deviation from expected linearity		-7.31%
FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 2+1 close			FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 0+3 close		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	23.60	26.60
Reported 1g SAR (W/kg)	0.732	0.764	Reported 1g SAR (W/kg)	1.243	1.253
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	125.59	125.30	Frame Averaged (mW)	114.54	114.27
Linearity SAR (W/kg)	0.730		Linearity SAR (W/kg)	1.240	
% deviation from expected linearity		4.62%	% deviation from expected linearity		1.04%



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FR1 n41(PC1.5)-Linearity Data for Body worn Ant 2+3 open			FR1 n41(PC1.5)-Linearity Data for Body worn Ant 0+1 open		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	27.50	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.485	0.452	Reported 1g SAR (W/kg)	0.142	0.130
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	281.17	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.431		Linearity SAR (W/kg)	0.142	
% deviation from expected linearity		4.82%	% deviation from expected linearity		-8.23%
FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 2+3 open			FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 0+1 open		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	27.50	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 10g SAR (W/kg)	0.952	0.902	Reported 10g SAR (W/kg)	0.244	0.248
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	281.17	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.846		Linearity SAR (W/kg)	0.243	
% deviation from expected linearity		6.56%	% deviation from expected linearity		1.88%
FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 2+3 close			FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 2+1 close		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)		FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	27.50	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.477	0.455	Reported 1g SAR (W/kg)	0.406	0.376
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	281.17	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.424		Linearity SAR (W/kg)	0.405	
% deviation from expected linearity		7.28%	% deviation from expected linearity		-7.17%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn open Ant 4+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn open Ant 4+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.438	0.435	Reported 1g SAR (W/kg)	0.451	0.437
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.437		Linearity SAR (W/kg)	0.450	
% deviation from expected linearity		-0.45%	% deviation from expected linearity		-2.87%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn open Ant 4+5			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn open Ant 4+5		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.517	0.526	Reported 1g SAR (W/kg)	0.486	0.472
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.516		Linearity SAR (W/kg)	0.485	
% deviation from expected linearity		1.98%	% deviation from expected linearity		-2.65%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn open Ant 3+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn open Ant 3+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.381	0.380	Reported 1g SAR (W/kg)	0.502	0.513
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.380		Linearity SAR (W/kg)	0.501	
% deviation from expected linearity		-0.03%	% deviation from expected linearity		2.43%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Hotspot open Ant 4+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Hotspot open Ant 4+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 10g SAR (W/kg)	0.798	0.793	Reported 10g SAR (W/kg)	0.793	0.771



FCC SAR Test Report

Report No. : FA4N2802

Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.796		Linearity SAR (W/kg)	0.791	
% deviation from expected linearity		-0.39%	% deviation from expected linearity		-2.54%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Hotspot open Ant 4+5			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Hotspot open Ant 4+5		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 10g SAR (W/kg)	0.714	0.667	Reported 10g SAR (W/kg)	0.795	0.782
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.712		Linearity SAR (W/kg)	0.793	
% deviation from expected linearity		-6.36%	% deviation from expected linearity		-1.40%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Hotspot open Ant 3+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Hotspot open Ant 3+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 10g SAR (W/kg)	0.657	0.675	Reported 10g SAR (W/kg)	0.677	0.706
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.655		Linearity SAR (W/kg)	0.675	
% deviation from expected linearity		2.98%	% deviation from expected linearity		4.53%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn close Ant 4+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn close Ant 4+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.769	0.767	Reported 1g SAR (W/kg)	0.767	0.775
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.767		Linearity SAR (W/kg)	0.765	
% deviation from expected linearity		-0.02%	% deviation from expected linearity		1.28%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn close Ant 4+5			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn close Ant 4+5		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.693	0.719	Reported 1g SAR (W/kg)	0.698	0.706
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.691		Linearity SAR (W/kg)	0.696	
% deviation from expected linearity		4.00%	% deviation from expected linearity		1.39%
FR1 n77 Part 27O(PC1.5)-Linearity Data for Body worn close Ant 3+8			FR1 n77 Part 27Q(PC1.5)-Linearity Data for Body worn close Ant 3+8		
	FR1 n77 Part 27O (Power Class 2)	FR1 n77 Part 27O (Power Class 1.5)		FR1 n77 Part 27Q (Power Class 2)	FR1 n77 Part 27Q (Power Class 3)
Maximum Tune up Power (dBm)	27.00	30.00	Maximum Tune up Power (dBm)	27.00	30.00
Reported 1g SAR (W/kg)	0.665	0.659	Reported 1g SAR (W/kg)	0.671	0.620
Duty Cycle	50.00%	25.00%	Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	250.59	250.00	Frame Averaged (mW)	250.59	250.00
Linearity SAR (W/kg)	0.663		Linearity SAR (W/kg)	0.669	
% deviation from expected linearity		-0.67%	% deviation from expected linearity		-7.38%

FR1 n41(PC1.5)-Linearity Data for Hotspot Ant 0+3 close		
	FR1 n41 (Power Class 2)	FR1 n41 (Power Class 1.5)
Maximum Tune up Power (dBm)	27.50	30.50
Reported 1g SAR (W/kg)	0.599	0.601
Duty Cycle	50.00%	25.00%
Frame Averaged (mW)	281.17	280.50
Linearity SAR (W/kg)	0.598	
% deviation from expected linearity		0.57%

17. Simultaneous Transmission Analysis

No.	Simultaneous Transmission Configurations	Portable Handset			
		Head	Body-worn	Hotspot	Product specific 10g SAR
1.	WWAN + WLAN2.4GHz	Yes	Yes	Yes	Yes
2.	WWAN + WLAN5GHz	Yes	Yes	Yes	Yes
3.	WWAN + WLAN6GHz	Yes	Yes		Yes
4.	WWAN + Bluetooth	Yes	Yes	Yes	Yes
5.	WLAN5GHz + Bluetooth	Yes	Yes	Yes	Yes
6.	WLAN6GHz + Bluetooth	Yes	Yes		Yes
7.	WLAN2.4GHz + WLAN5GHz	Yes	Yes	Yes	Yes
8.	WLAN2.4GHz + WLAN6GHz	Yes	Yes		Yes
9.	WWAN + WLAN5GHz + Bluetooth	Yes	Yes	Yes	Yes
10.	WWAN + WLAN6GHz + Bluetooth	Yes	Yes		Yes
11.	WWAN + WLAN2.4GHz + WLAN5GHz	Yes	Yes	Yes	Yes
12.	WWAN + WLAN2.4GHz + WLAN6GHz	Yes	Yes		Yes
13.	WWAN + WLAN2.4GHz + NFC				Yes
14.	WWAN + WLAN5GHz/6GHz + NFC				Yes
15.	WWAN + Bluetooth + NFC				Yes
16.	WLAN5GHz/6GHz + Bluetooth + NFC				Yes
17.	WLAN2.4GHz + WLAN5GHz/6GHz + NFC				Yes
18.	WWAN + WLAN5GHz/6GHz + Bluetooth + NFC				Yes
19.	WWAN + WLAN2.4GHz + WLAN5GHz/6GHz + NFC				Yes

General Note:

- This device supports VoIP in GPRS, EGPRS, WCDMA, LTE and 5GNR (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
- WWAN above includes 5G NR bands and EN-DC combination.
- EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
- This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
- This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only). WLAN6GHz has no hotspot function.
- WLAN2.4GHz/WLAN5GHz/WLAN6GHz MIMO SAR can represent SISO SAR to do co-located SAR analysis.
- The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
- According to the EUT characteristic, WLAN 5GHz/6GHz and Bluetooth can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz/6GHz and WLAN 2.4GHz can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz and WLAN 6GHz can't transmit simultaneously.
- According to the EUT characteristic, WLAN 2.4GHz and Bluetooth can't transmit simultaneously.
- According to the EUT characteristic, Bluetooth antennas can transmit simultaneously.
- NFC can transmit simultaneously with other Radios in extremity exposure condition.
- For Headset SAR and non-Headset SAR always chose higher SAR to do co-located analysis.
- For distance SAR and non-distance SAR at extremity exposure conditions always chose higher SAR to do co-located analysis.
- For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2 transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously transmission.
- For EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed SAR exposure limit. Therefore, simultaneous transmission compliance between 4G+5G (PCC+SCC) operations within an antenna group is demonstrated in the Part 2 Report during algorithm validation.
- The equipment under test (EUT) contains the Qualcomm modems supporting 2G/3G/4G/5G technologies and WLAN/BT technologies. these modems are always enabled with Qualcomm Smart Transmit feature to control and manage transmitting power in real time and to ensure the time-averaged RF exposure follows the FCC requirement.
 - For opened state, Smart Transmit algorithm controls the total RF exposure from all WWAN/WLAN/BT to not

- exceed FCC limit and each antenna group has controlled the total RF exposure from all transmitter to not exceed FCC limit. Therefore, in Part.1 report, it is evaluated whether the sum of the groups of each antenna does not exceed FCC limit or spatial separation is applied. In addition, each antenna needs to satisfy simultaneous transmission analysis with External radios (NFC) in this report at extremity exposure condition.
- 2) For closed state, Smart Transmit algorithm controls the total RF exposure from all WWAN/WLAN/BT to not exceed FCC limit. Simultaneous SAR for WWAN/WLAN/BT in a DSI is the worst-case reported SAR of WWAN/WLAN/BT.
 19. For standalone WWAN, always choose the highest SAR among all WWAN bands within the selected antenna for each exposure position to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each band.
 20. The maximum SAR summation is calculated based on the same configuration and test position.
 21. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
 - i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
 - ii) SPLSR = $(SAR1 + SAR2)^{1.5} / (\min. \text{separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
 - iii) If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
 - iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
 - v) The SPLSR calculated results please refer to section 17.8.
 22. The WLAN6GHz Sim-Tx analysis guidance with other transmitters was based on SAR test results. The simultaneous transmission and test exemption analysis were compliant with KDB 447498 D01. For the device does not support FR2 or other MPE field measurement, therefore section 17 in the SAR report has no TER analysis according to KDB 987594 requirement.
 23. The simultaneous transmission analysis, considering UWB power is very smaller and no risk, the contribution of UWB to the total TER can be neglected.

17.1 5G NR + LTE + External radio (e.g: NFC) Sim-Tx analysis

In 5G NR + LTE + external radio (e.g: NFC) simultaneous transmission, 5G NR and LTE transmission are managed and controlled by Qualcomm® Smart Transmit, while the RF exposure from external radios (e.g: NFC) is managed using legacy approach, i.e., through a fixed power back-off if needed.

Since external radios (e.g: NFC) do not employ time-averaging, 1gSAR and 10gSAR measurement for external radios (e.g: NFC) need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

Smart Transmit current implementation assumes hotspots from 5G NR and LTE are collocated. Therefore, for a total of 100% exposure margin, if LTE uses x%, then the exposure margin left for 5G NR is capped to (100-x)%. Thus, the compliance equation for LTE + 5G NR is

$$x\% * A + (100-x)\% * B \leq 1.0,$$

Where, A is normalized reported time-averaged SAR exposure ratio from LTE, and $A \leq 1.0$; B is normalized reported time-averaged exposure ratio from 5G NR (i.e. SAR exposure for 5G FR1), and $B \leq 1.0$.

Let C = normalized reported SAR exposure ratio from external radios (e.g: NFC), then for compliance,

$$x\% * A + (100-x)\% * B + C \leq 1.0 \quad (1)$$

$$x\% * A + (100-x)\% * B \leq x\% * \max(A, B) + (100-x)\% * \max(A, B) \leq \max(A, B)$$

$$x\% * A + (100-x)\% * B + C \leq \max(A, B) + C \leq 1.0 \quad (2)$$

If $A + C \leq 1.0$ and $B + C \leq 1.0$ can be proven, then " $x\% * A + (100-x)\% * B + C \leq 1.0$ ". Therefore simultaneous transmission analysis for 5G NR + LTE + external radios (e.g: NFC) can be performed in two steps

Step 1: Prove total exposure ratio (TER) of LTE + external radios (e.g: NFC) < 1

Step 2: Prove total exposure ratio (TER) of 5G NR + external radios (e.g: NFC) < 1

Else, if $A + C > 1.0$ and/or $B + C > 1.0$, then the followings need to hold true for compliance:

i. A and C are decoupled based on the SPLSR criteria, and

ii. $(100-x)\% * B + C \leq 1.0$, and

iii. $x\% * A + (100-x)\% * B \leq 1.0$

Note iii. is covered in Part 2 report; i. and ii. should be addressed in Part 1 report.

Above analysis is also apply to LTE/NR inter-band uplink CA, LTE(NR)1 + LTE(NR)2 + external radios (e.g: NFC) simultaneous transmission, so inter-band uplink CA no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of LTE/NR + external radios (e.g: NFC) < 1.

17.2 MIMO SAR Test condition and verification

General Note:

- Smart Transmit EFS v20 (or lower) uses SISO Plimit to calculate RF exposure from MIMO transmission scenario. Therefore, if MIMO is supported for WWAN technologies (including 5G sub6 NR), below procedure should be performed for validity of Smart Transmit operation:
 - Below procedure should also be performed for Smart Transmit EFS v21 (or higher) if MIMO Plimit is not populated in the EFS but MIMO operation is supported for antennas belonging to the same antenna group (refer to Section 4.2.5 of Qualcomm's document 80-W2112-4).
- Measure SAR for supported MIMO scenarios in FTM mode with each of the MIMO antennas set to transmit continuously at $P_{test} = \text{minimum } \{P_{limit}(i), P_{max}(i); i=1 \text{ to } n \text{ MIMO antennas}\}$, where $P_{limit}(i)$ is the power level entered in the Smart Transmit EFS for antenna i under the corresponding tech/band/DSI. For Smart Transmit to ensure the compliance in MIMO transmission scenario, the below criteria should be met for measured MIMO SAR (i.e., highest peak spatial-average SAR from the measurement):

$$\text{reported } SAR_{MIMO} = \text{Measured MIMO } SAR_{MIMO} \text{ at } (P_{test} + \text{device total uncertainty}) \leq \text{calc. SAR}$$

$$\text{Where } \text{calc. SAR} = \sum_{i=1}^n \left[SAR_{\text{design_target}} * 10^{\left(\frac{\text{total uncertainty} + P_{test} - P_{limit}(i) - \text{backoff}(i)}{10} \right)} \right]$$

Here,

- n is number of MIMO antennas (in case of 2x2MIMO, $n=2$).
 - $P_{limit}(i)$ is EFS P_{limit} for antenna $i \in$ MIMO for a given tech/band/DSI. P_{limit} corresponds to $SAR_{\text{design_target}}$.
 - $\text{backoff}(i)$ is backoff from $SAR_{\text{design_target}}$ used for the i th antenna's P_{limit} to meet TER with external radios (i.e., radios outside of Smart Transmit control). If EFS P_{limit} of antenna i corresponds to $SAR_{\text{design_target}}$, then $\text{backoff}(i) = 0$ in the above equation.
 - P_{test} (i.e., power level used for MIMO SAR measurement, $\text{MIMO.SAR} @ P_{test}$) = $\min \{P_{limit}(i), P_{max}(i), i = 1 \text{ to } n \text{ MIMO antenna}\}$. To further clarify, $P_{test} = \min \{P_{limit}(i), SISO.P_{max}(i), MIMO.P_{max}, i = 1 \text{ to } n \text{ antenna} \in \text{MIMO}\}$, where, P_{limit} corresponds to $SAR_{\text{design_target}}$; $SISO.P_{max}$ and $MIMO.P_{max}$ correspond to the maximum output power (nominal levels without device uncertainty) that device is capable; here, P_{test} is nominal power level, not measured level.
- If the $\text{reported } SAR_{MIMO}$ does not meet the above condition, then $P_{limit}(i)$ for each of the MIMO antenna in the Smart Transmit EFS should be reduced by $10 * \log_{10}[\text{reported } SAR_{MIMO} / \text{calc.SAR}]$ dB.
 - This test is not needed if MIMO antennas are in different AGs.
 - Per Qualcomm's document guideline, FR1/WLAN MIMO Plimit is configured in the EFS and FR1/WLAN MIMO antennas belong to the same antenna group, then SAR measurement results at MIMO Plimit for the corresponding FR1/WLAN MIMO transmission scenario can be referred to section 16 in this report.

17.3 Sub6 Antenna Groups

Qualcomm® Smart Transmit™ 5.0 of Smart Transmit (GEN2) Feature operates based on pre-defined sub6 antenna groups (AG). Sub6 Tx antennas in the device are grouped based on spatial variation of RF exposure distributions, where the RF exposure of one AG is mutually exclusive from other AG. This is accomplished by demonstrating below conditions for all exposure positions under each DSI for a given exposure category.

- 1) Case 1: Demonstrate that Sum of maximum reported SAR from each of the sub6 AGs and the reported normalized SAR values from radios outside Smart Transmit should be less than regulatory limits for each supported DSI. This condition must be demonstrated for all antenna combinations of sub6 AGs.
 - i. For a given DSI, obtain the highest *reported* SAR for each antenna out of all supported technologies and frequency bands. Obtain the maximum *reported* SAR for each AG by taking the maximum out of *reported* SAR for all antennas belonging to each AG.
 - ii. Demonstrate that the sum of maximum reported SAR (normalized to regulatory limit) from each of the sub6 AGs and the sum of reported SAR (normalized to regulatory limit) from all supported radios outside of Smart Transmit should be less than 1.0
- 2) Case 2: If the Case 1 is NOT met, then for a given antenna grouping scheme plus external radios/antennas (ERs) (referred to as 'configuration'), demonstrate all AG pairs, all ER pairs and all (AG, ER) pairs in the configuration meet SPLSR criteria (Section 4.3.2 (c) in FCC KDB 447498 D01 v06) for each exposure position under each supported DSI. For a given exposure position under a given DSI, prove all AG pairs, all ER pairs and all (AG, ER) pairs (if there are external radios outside Smart Transmit) in the configuration meet SPLSR.

This device supports two sub6 AG: AG0 and AG1, the detailed please refer to the below table:

Antenna Group 1 (AG0)	ANT2 & ANT3 & ANT4 & ANT5 & ANT6 & ANT7 & ANT8
Antenna Group 0 (AG1)	ANT0 & ANT1

- 3) This model's multi_Tx_factor is 1.0.

The conditions are verified through the following criterias:

- i) (SAR1 + SAR2 criteria): If SPLSR criteria is not used, then the highest reported SAR at *Plimit* for each antenna should be obtained out of all supported technologies and frequency bands for each DSI. Demonstrate that the sum of reported SAR of one antenna from each of the sub6 AGs and the sum of RF exposure from all supported radios outside of Smart Transmit should be less than the regulatory limit as given below for each DSI.
 1. Obtain the worst-case reported SAR for each antenna group (i.e., maximum *reported* SAR at *Plimit* out of all supported technologies, frequency bands and antennas in AG0 and AG1), denoted as max.SAR.AG0 and max.SAR.AG1, and obtain the worst-case RF exposure for each external radio, and demonstrate that the sum of these RF exposures meets: $\{ [\text{max.SAR.AG0} + \text{max.SAR.AG1}] + \text{each external radio worst-case reported SAR (ex: WIFI/BT/NFC)} \} \leq 1.6$ (for 1g, or 4.0 for 10g). (each external radio worst-case reported SAR is the worst SAR in all combinations of each external radio simultaneous transmission)
- ii) (SPLSR criteria): For each antenna, obtain the highest reported SAR value at *Plimit* out of all supported technologies for each frequency band. Using these values, demonstrate for a given DSI that every antenna from one sub6 AG meets SPLSR criteria with every antenna in another sub6 AG for all frequency bands. This criteria must be demonstrated for all antenna pair combinations irrespective of supported simultaneous transmission scenarios as given below for each DSI:
 - a. SPLSR criteria should be met for all antenna pair combinations of AG0 and AG1. As it can be seen, these include all combinations of antenna groups, antennas, and frequency bands.
 - b. Obtain combined SAR per AG: Obtain the worst-case conservative combined SAR and its peak location for each AG.
 - c. Use the 'closest' peak location out of all antennas of AGj to evaluate SPLSR with other AGs in the configuration. Note, by 'closest', select the peak location out of all antennas (ϵ AGj) that is closest to the peak location of other AG where SPLSR is evaluated.
- iii) (combination of SPLSR & SAR1+SAR2 criteria): If SPLSR criteria for all the combinations of sub6 antenna groups in (i) is demonstrated to show that each AG is mutually exclusive from other AGs, and if the WIFI/BT antennas supported outside of Smart Transmit do not meet SPLSR criteria, then the condition in (ii) reduces to: $\{\text{max.SAR.AG0} + \text{worst-case reported SAR}\} \leq 1.6$ and $\{\text{max.SAR.AG1} + \text{worst-case reported SAR}\} \leq 1.6$ for compliance demonstration (for 1g, or 4.0 for 10g). In this report, WIFI/BT antennas supported Smart Transmit, then each antenna group has controlled the total RF exposure from all transmitter to not exceed FCC limit.

For summed SAR results and SPLSR detailed analysis, please refer to section 17.4 / 17.5 / 17.6 / 17.7/17.8 of this report. All of the combinations of sub6 antenna groups are sufficient to show that AG0 is mutually exclusive from AG1 and that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D01v06 and IEEE 1528- 2013 Section 6.3.4.1.



17.4 Head Exposure Conditions

<Flip Open>

General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum reported SAR>:

Test Position	Ant2	Ant3	Ant4	Ant5	Ant8	WLAN2.4GHz Ant6+7	WLAN5GHz Ant5+7	WLAN6GHz Ant5+7	BT Ant6	BT Ant7	MAX
Right Cheek	1.294	1.295	1.291	0.736	1.036	0.272	0.756	0.463	0.457	0.458	1.295
Right Tilted	0.353	1.292	1.189	0.943	0.180	0.297	0.694	0.486	0.577	0.268	1.292
Left Cheek	1.288	0.826	0.351	1.045	1.292	1.356	1.151	1.186	0.891	1.287	1.356
Left Tilted	0.228	0.928	0.476	1.293	0.315	0.526	1.009	0.533	0.758	0.390	1.293

<AG1 maximum reported SAR>:

Test Position	Ant0	Ant1	MAX
Right Cheek	0.277	0.224	0.277
Right Tilted	0.143	0.158	0.158
Left Cheek	0.220	0.377	0.377
Left Tilted	0.113	0.179	0.179

<Simultaneous Transmission analysis of AG0 + AG1 Worse-case>:

Test Position	AG0	AG1	AG0+AG1
Right Cheek	1.295	0.277	1.57
Right Tilted	1.292	0.158	1.45
Left Cheek	1.356	0.377	1.73
Left Tilted	1.293	0.179	1.47

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

Left Cheek				
Ant combination	AG0	AG1	AG0+AG1	SPLSR
	SAR	SAR		
Ant2+Ant1	1.288	0.377	1.67	Case 1
Ant3+Ant1	0.826	0.377	1.20	-
Ant4+Ant1	0.351	0.377	0.73	-
Ant5+Ant1	1.045	0.377	1.42	-
Ant8+Ant1	1.292	0.377	1.67	Case 2
WLAN2.4GHz Ant6+7+Ant1	1.356	0.377	1.73	Case 3
WLAN5GHz Ant5+7+Ant1	1.151	0.377	1.53	
WLAN6GHz Ant5+7+Ant1	1.186	0.377	1.56	
BT Ant6+Ant1	0.891	0.377	1.27	-
BT Ant7+Ant1	1.287	0.377	1.66	Case 4
Ant2+Ant0	1.288	0.220	1.51	-
Ant3+Ant0	0.826	0.220	1.05	-
Ant4+Ant0	0.351	0.220	0.57	-
Ant5+Ant0	1.045	0.220	1.27	-
Ant8+Ant0	1.292	0.220	1.51	-
WLAN2.4GHz Ant6+7+Ant0	1.356	0.220	1.58	-
WLAN5GHz Ant5+7+Ant0	1.151	0.220	1.37	-
WLAN6GHz Ant5+7+Ant0	1.186	0.220	1.41	-
BT Ant6+Ant0	0.891	0.220	1.11	-
BT Ant7+Ant0	1.287	0.220	1.51	-



17.5 Hotspot Exposure Conditions

<Flip Open>

General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum reported SAR>:

Test Position	Ant2	Ant3	Ant4	Ant5	Ant8	WLAN2.4GHz Ant6+7	WLAN5GHz Ant5+7	BT Ant6	BT Ant7	MAX
Front	0.875	0.952	0.739	0.525	0.946	0.745	0.805	0.383	0.588	0.952
Back	0.961	1.198	0.854	0.597	1.156	0.682	1.151	0.403	0.618	1.198
Left Side	1.295	0.452	1.291	0.050	0.016	0.068	0.067	0.103	0.063	1.295
Right Side	0.053	0.158	0.020	0.100	1.297	1.406	1.152	0.105	1.131	1.406
Top Side	0.265	1.295	1.278	1.295	0.187	0.781	0.582	0.642	0.101	1.295
Bottom Side										0.000

<AG1 maximum reported SAR>:

Test Position	Ant0	Ant1	MAX
Front	0.952	0.923	0.952
Back	1.158	1.105	1.158
Left Side	0.173	1.293	1.293
Right Side	1.294	0.161	1.294
Top Side			0.000
Bottom Side	1.294	0.989	1.294

<Simultaneous Transmission analysis of AG0 + AG1 Worse-case>:

Test Position	AG0	AG1	AG0+AG1
Front	0.952	0.952	1.90
Back	1.198	1.158	2.36
Left Side	1.295	1.293	2.59
Right Side	1.406	1.294	2.70
Top Side	1.295	0.000	1.30
Bottom Side	0.000	1.294	1.29

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

Front 5mm				
Ant combination	AG0	AG1	AG0+AG1	SPLSR
	SAR	SAR		
Ant2+Ant1	0.875	0.923	1.80	Case 1
Ant3+Ant1	0.952	0.923	1.88	Case 2
Ant4+Ant1	0.739	0.923	1.66	Case 3
Ant5+Ant1	0.525	0.923	1.45	-
Ant8+Ant1	0.946	0.923	1.87	Case 4
WLAN2.4GHz Ant6+7+Ant1	0.745	0.923	1.67	Case 5
WLAN5GHz Ant5+7+Ant1	0.805	0.923	1.73	Case 6
BT Ant6+Ant1	0.383	0.923	1.31	-
BT Ant7+Ant1	0.588	0.923	1.51	-
Ant2+Ant0	0.875	0.952	1.83	Case 7
Ant3+Ant0	0.952	0.952	1.90	Case 8
Ant4+Ant0	0.739	0.952	1.69	Case 9
Ant5+Ant0	0.525	0.952	1.48	-
Ant8+Ant0	0.946	0.952	1.90	Case 10
WLAN2.4GHz Ant6+7+Ant0	0.745	0.952	1.70	Case 11
WLAN5GHz Ant5+7+Ant0	0.805	0.952	1.76	Case 12
BT Ant6+Ant0	0.383	0.952	1.34	-
BT Ant7+Ant0	0.588	0.952	1.54	-



Back 5mm				
Ant combination	AG0	AG1	AG0+AG1	SPLSR
	SAR	SAR		
Ant2+Ant1	0.961	1.105	2.07	Case 1
Ant3+Ant1	1.198	1.105	2.30	Case 2
Ant4+Ant1	0.854	1.105	1.96	Case 3
Ant5+Ant1	0.597	1.105	1.70	Case 4
Ant8+Ant1	1.156	1.105	2.26	Case 5
WLAN2.4GHz Ant6+7+Ant1	0.682	1.105	1.79	Case 6
WLAN5GHz Ant5+7+Ant1	1.151	1.105	2.26	Case 7
BT Ant6+Ant1	0.403	1.105	1.51	-
BT Ant7+Ant1	0.618	1.105	1.72	Case 8
Ant2+Ant0	0.961	1.158	2.12	Case 9
Ant3+Ant0	1.198	1.158	2.36	Case 10
Ant4+Ant0	0.854	1.158	2.01	Case 11
Ant5+Ant0	0.597	1.158	1.76	Case 12
Ant8+Ant0	1.156	1.158	2.31	Case 13
WLAN2.4GHz Ant6+7+Ant0	0.682	1.158	1.84	Case 14
WLAN5GHz Ant5+7+Ant0	1.151	1.158	2.31	Case 15
BT Ant6+Ant0	0.403	1.158	1.56	-
BT Ant7+Ant0	0.618	1.158	1.78	Case 16

Left Side 5mm				
Ant combination	AG0	AG1	AG0+AG1	SPLSR
	SAR	SAR		
Ant2+Ant1	1.295	1.293	2.59	Case 1
Ant3+Ant1	0.452	1.293	1.75	Case 2
Ant4+Ant1	1.291	1.293	2.58	Case 3
Ant5+Ant1	0.050	1.293	1.34	-
Ant8+Ant1	0.016	1.293	1.31	-
WLAN2.4GHz Ant6+7+Ant1	0.068	1.293	1.36	-
WLAN5GHz Ant5+7+Ant1	0.067	1.293	1.36	-
BT Ant6+Ant1	0.103	1.293	1.40	-
BT Ant7+Ant1	0.063	1.293	1.36	-
Ant2+Ant0	1.295	0.173	1.47	-
Ant3+Ant0	0.452	0.173	0.63	-
Ant4+Ant0	1.291	0.173	1.46	-
Ant5+Ant0	0.050	0.173	0.22	-
Ant8+Ant0	0.016	0.173	0.19	-
WLAN2.4GHz Ant6+7+Ant0	0.068	0.173	0.24	-
WLAN5GHz Ant5+7+Ant0	0.067	0.173	0.24	-
BT Ant6+Ant0	0.103	0.173	0.28	-
BT Ant7+Ant0	0.063	0.173	0.24	-



Right Side 5mm				
Ant combination	AG0	AG1	AG0+AG1	SPLSR
	SAR	SAR		
Ant2+Ant1	0.053	0.161	0.21	-
Ant3+Ant1	0.158	0.161	0.32	-
Ant4+Ant1	0.020	0.161	0.18	-
Ant5+Ant1	0.100	0.161	0.26	-
Ant8+Ant1	1.297	0.161	1.46	-
WLAN2.4GHz Ant6+7+Ant1	1.406	0.161	1.57	-
WLAN5GHz Ant5+7+Ant1	1.152	0.161	1.31	-
BT Ant6+Ant1	0.105	0.161	0.27	-
BT Ant7+Ant1	1.131	0.161	1.29	-
Ant2+Ant0	0.053	1.294	1.35	-
Ant3+Ant0	0.158	1.294	1.45	-
Ant4+Ant0	0.020	1.294	1.31	-
Ant5+Ant0	0.100	1.294	1.39	-
Ant8+Ant0	1.297	1.294	2.59	Case 1
WLAN2.4GHz Ant6+7+Ant0	1.406	1.294	2.70	Case 2
WLAN5GHz Ant5+7+Ant0	1.152	1.294	2.45	Case 3
BT Ant6+Ant0	0.105	1.294	1.40	-
BT Ant7+Ant0	1.131	1.294	2.43	Case 4

17.6 Body-Worn Accessory Exposure Conditions

<Flip Open>

General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum reported SAR>:

Test Position	Ant2	Ant3	Ant4	Ant5	Ant8	WLAN2.4GHz Ant6+7	WLAN5GHz Ant5+7	WLAN6GHz Ant5+7	BT Ant6	BT Ant7	MAX
Front	1.295	1.294	1.294	1.277	1.246	1.266	0.835	0.226	0.283	0.935	1.295
Back	1.297	1.295	1.275	1.292	1.296	1.157	1.153	0.546	0.453	0.983	1.297

<AG1 maximum reported SAR>:

Test Position	Ant0	Ant1	MAX
Front	1.299	1.267	1.299
Back	1.294	1.292	1.294

<Simultaneous Transmission analysis of AG0 + AG1 Worse-case>:

Test Position	AG0	AG1	AG0+AG1
Front	1.295	1.299	2.59
Back	1.297	1.294	2.59

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

Front 5mm				
Ant combination	AG0	AG1	AG0+AG1	SPLSR
	SAR	SAR		
Ant2+Ant1	1.295	1.267	2.56	Case 1
Ant3+Ant1	1.294	1.267	2.56	Case 2
Ant4+Ant1	1.294	1.267	2.56	Case 3
Ant5+Ant1	1.277	1.267	2.54	Case 4
Ant8+Ant1	1.246	1.267	2.51	Case 5
WLAN2.4GHz Ant6+7+Ant1	1.266	1.267	2.53	Case 6
WLAN5GHz Ant5+7+Ant1	0.835	1.267	2.10	Case 7
WLAN6GHz Ant5+7+Ant1	0.226	1.267	1.49	-
BT Ant6+Ant1	0.283	1.267	1.55	-
BT Ant7+Ant1	0.935	1.267	2.20	Case 8
Ant2+Ant0	1.295	1.299	2.59	Case 9
Ant3+Ant0	1.294	1.299	2.59	Case 10
Ant4+Ant0	1.294	1.299	2.59	Case 11
Ant5+Ant0	1.277	1.299	2.58	Case 12
Ant8+Ant0	1.246	1.299	2.55	Case 13
WLAN2.4GHz Ant6+7+Ant0	1.266	1.299	2.57	Case 14
WLAN5GHz Ant5+7+Ant0	0.835	1.299	2.13	Case 15
WLAN6GHz Ant5+7+Ant0	0.226	1.299	1.53	-
BT Ant6+Ant0	0.283	1.299	1.58	-
BT Ant7+Ant0	0.935	1.299	2.23	Case 16

Back 5mm				
Ant combination	AG0	AG1	AG0+AG1	SPLSR
	SAR	SAR		
Ant2+Ant1	1.297	1.292	2.59	Case 1
Ant3+Ant1	1.295	1.292	2.59	Case 2
Ant4+Ant1	1.275	1.292	2.57	Case 3
Ant5+Ant1	1.292	1.292	2.58	Case 4
Ant8+Ant1	1.296	1.292	2.59	Case 5
WLAN2.4GHz Ant6+7+Ant1	1.157	1.292	2.45	Case 6
WLAN5GHz Ant5+7+Ant1	1.153	1.292	2.45	Case 7
WLAN6GHz Ant5+7+Ant1	0.546	1.292	1.84	Case 8
BT Ant6+Ant1	0.453	1.292	1.75	Case 9
BT Ant7+Ant1	0.983	1.292	2.28	Case 10
Ant2+Ant0	1.297	1.294	2.59	Case 11
Ant3+Ant0	1.295	1.294	2.59	Case 12
Ant4+Ant0	1.275	1.294	2.57	Case 13
Ant5+Ant0	1.292	1.294	2.59	Case 14
Ant8+Ant0	1.296	1.294	2.59	Case 15
WLAN2.4GHz Ant6+7+Ant0	1.157	1.294	2.45	Case 16
WLAN5GHz Ant5+7+Ant0	1.153	1.294	2.45	Case 17
WLAN6GHz Ant5+7+Ant0	0.546	1.294	1.84	Case 18
BT Ant6+Ant0	0.453	1.294	1.75	Case 19
BT Ant7+Ant0	0.983	1.294	2.28	Case 20

<Sensor off>

General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

<AG0 maximum reported SAR>:

Test Position	Ant2	Ant3	Ant4	Ant5	Ant8	WLAN2.4GHz Ant6+7	WLAN5GHz Ant5+7	WLAN6GHz Ant5+7	BT Ant7	MAX
Front	0.693	0.510	0.504	0.228	0.317	0.365	0.377	0.076	0.388	0.693
Back	0.615	0.550	0.516	0.236	0.363	0.334	0.395	0.051	0.407	0.615

<AG1 maximum reported SAR>:

Test Position	Ant0	Ant1	MAX
Front	0.407	0.241	0.407
Back	0.480	0.240	0.480

<Simultaneous Transmission analysis of AG0 + AG1 Worse-case>:

Test Position	AG0	AG1	AG0+AG1
Front	0.693	0.407	1.10
Back	0.615	0.480	1.10

17.7 Product specific 10g SAR Exposure Conditions

Remark:

- For Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is <1.2W/kg.

<Flip Open>

General Note: The unit of SAR evaluation is W/kg.

Simultaneous Transmission Evaluation of WWAN+WLAN+BT+NFC:

<AG0 maximum reported SAR>:

Test Position	Ant2	Ant3	Ant4	Ant5	Ant8	WLAN2.4GHz Ant6+7	WLAN5GHz Ant5+7	WLAN6GHz Ant5+7	BT Ant7	MAX
Front	3.091	3.192	2.732	1.981	2.385	1.298	1.655	0.170	2.024	3.192
Back	3.161	2.284	2.435	1.433	1.617	0.891	1.786	0.141	1.361	3.161
Left Side	3.194	1.224	3.186				0.083	0.015		3.194
Right Side						1.470	3.164	0.184	1.903	3.164
Top Side		3.203	1.977	3.194	3.198	3.144	1.873	0.392	1.030	3.203
Bottom Side										0.000

<AG1 maximum reported SAR>:

Test Position	Ant0	Ant1	MAX
Front	2.361	2.096	2.361
Back	2.494	3.033	3.033
Left Side		2.589	2.589
Right Side	2.413		2.413
Top Side			0.000
Bottom Side	2.852	2.646	2.852

<Simultaneous Transmission analysis of AG0 + AG1 Worse-case+NFC>:

Test Position	AG0	AG1	NFC	AG0+AG1 + NFC
Front	3.192	2.096	0.001	5.29
Back	3.161	3.033	0.016	6.21
Left Side	3.194	2.589	0.001	5.78
Right Side	3.164	0.000	0.001	3.17
Top Side	3.203	0.000	0.001	3.20
Bottom Side	0.000	2.646	0.001	2.65

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.



Front 0mm					
Ant combination	AG0	AG1	NFC	AG0+AG1 + NFC	SPLSR
	SAR	SAR	SAR		
Ant2+Ant1	3.091	2.096	0.001	5.19	Case 1
Ant3+Ant1	3.192	2.096	0.001	5.29	Case 2
Ant4+Ant1	2.732	2.096	0.001	4.83	Case 3
Ant5+Ant1	1.981	2.096	0.001	4.08	Case 4
Ant8+Ant1	2.385	2.096	0.001	4.48	Case 5
WLAN2.4GHz Ant6+7+Ant1	1.298	2.096	0.001	3.40	-
WLAN5GHz Ant5+7+Ant1	1.655	2.096	0.001	3.75	-
WLAN6GHz Ant5+7+Ant1	0.170	2.096	0.001	2.27	-
BT Ant7+Ant1	2.024	2.096	0.001	4.12	Case 6
Ant2+Ant0	3.091	2.361	0.001	5.45	Case 7
Ant3+Ant0	3.192	2.361	0.001	5.55	Case 8
Ant4+Ant0	2.732	2.361	0.001	5.09	Case 9
Ant5+Ant0	1.981	2.361	0.001	4.34	Case 10
Ant8+Ant0	2.385	2.361	0.001	4.75	Case 11
WLAN2.4GHz Ant6+7+Ant0	1.298	2.361	0.001	3.66	-
WLAN5GHz Ant5+7+Ant0	1.655	2.361	0.001	4.02	Case 12
WLAN6GHz Ant5+7+Ant0	0.170	2.361	0.001	2.53	-
BT Ant7+Ant0	2.024	2.361	0.001	4.39	Case 13

Back 0mm					
Ant combination	AG0	AG1	NFC	AG0+AG1 + NFC	SPLSR
	SAR	SAR	SAR		
Ant2+Ant1	3.161	3.033	0.016	6.21	Case 1
Ant3+Ant1	2.284	3.033	0.016	5.33	Case 2
Ant4+Ant1	2.435	3.033	0.016	5.48	Case 3
Ant5+Ant1	1.433	3.033	0.016	4.48	Case 4
Ant8+Ant1	1.617	3.033	0.016	4.67	Case 5
WLAN2.4GHz Ant6+7+Ant1	0.891	3.033	0.016	3.94	-
WLAN5GHz Ant5+7+Ant1	1.786	3.033	0.016	4.84	Case 6
WLAN6GHz Ant5+7+Ant1	0.141	3.033	0.016	3.19	-
BT Ant7+Ant1	1.361	3.033	0.016	4.41	Case 7
Ant2+Ant0	3.161	2.494	0.016	5.67	Case 8
Ant3+Ant0	2.284	2.494	0.016	4.79	Case 9
Ant4+Ant0	2.435	2.494	0.016	4.95	Case 10
Ant5+Ant0	1.433	2.494	0.016	3.94	-
Ant8+Ant0	1.617	2.494	0.016	4.13	Case 11
WLAN2.4GHz Ant6+7+Ant0	0.891	2.494	0.016	3.40	-
WLAN5GHz Ant5+7+Ant0	1.786	2.494	0.016	4.30	Case 12
WLAN6GHz Ant5+7+Ant0	0.141	2.494	0.016	2.65	-
BT Ant7+Ant0	1.361	2.494	0.016	3.87	-

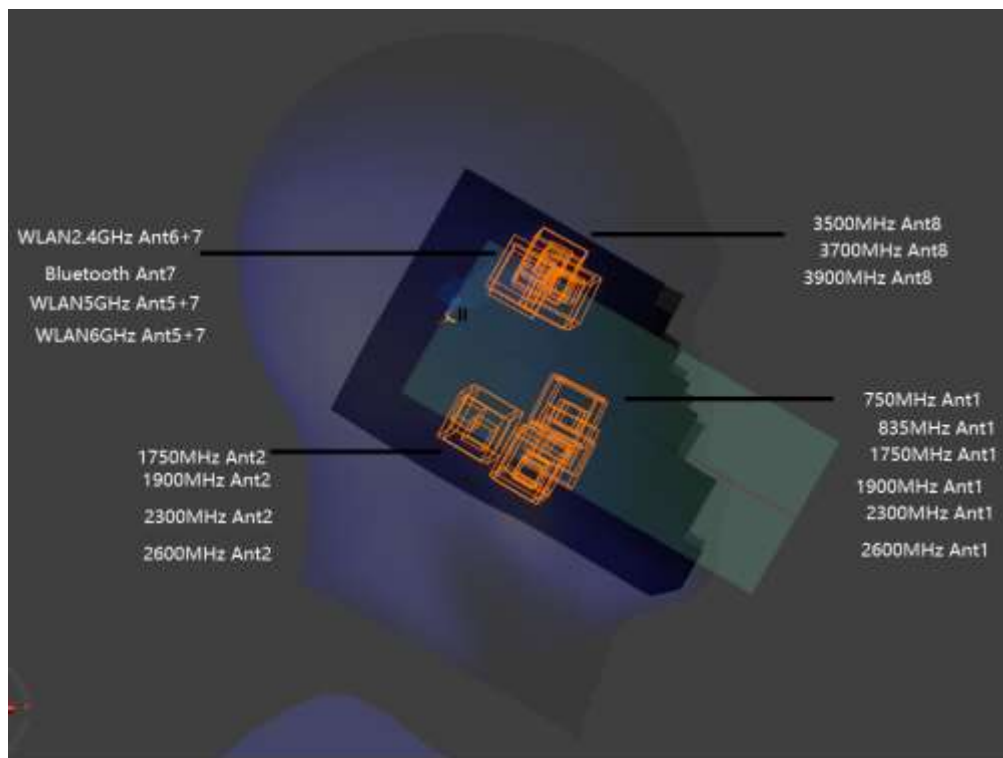


Left Side 0mm					
Ant combination	AG0	AG1	NFC	AG0+AG1 + NFC	SPLSR
	SAR	SAR	SAR		
Ant2+Ant1	3.194	2.589	0.001	5.78	Case 1
Ant3+Ant1	1.224	2.589	0.001	3.81	-
Ant4+Ant1	3.186	2.589	0.001	5.78	Case 2
Ant5+Ant1		2.589	0.001	2.59	-
WLAN2.4GHz Ant6+7+Ant1		2.589	0.001	2.59	-
WLAN5GHz Ant5+7+Ant1	0.083	2.589	0.001	2.67	-
WLAN6GHz Ant5+7+Ant1	0.015	2.589	0.001	2.61	-
BT Ant7+Ant1		2.589	0.001	2.59	-

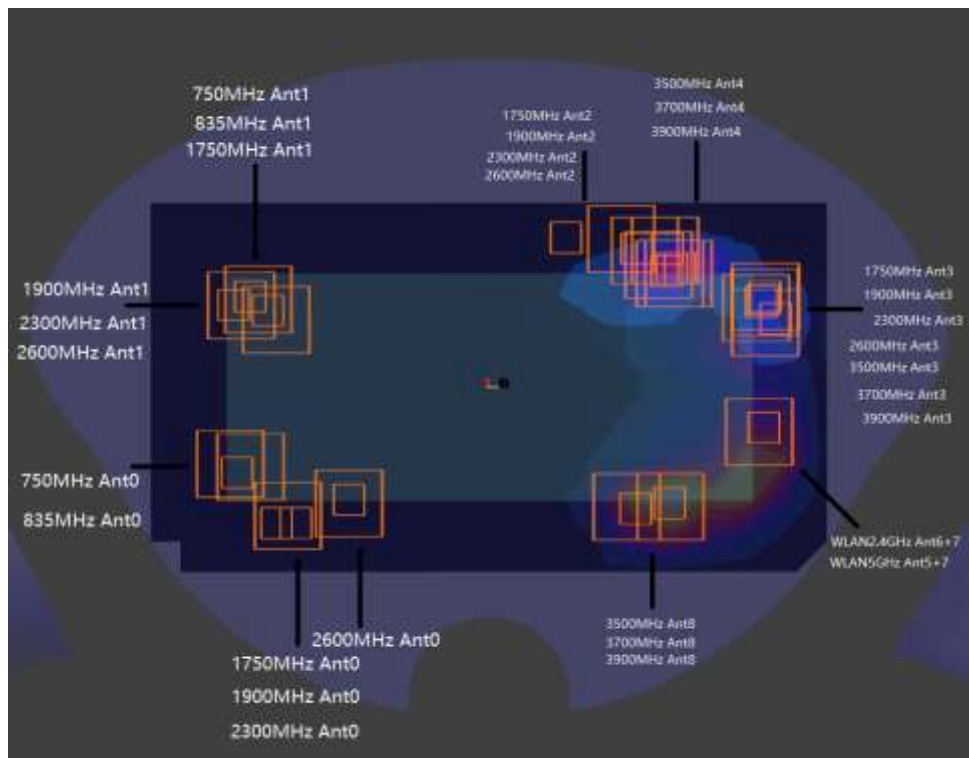
17.8 SPLSR Evaluation and Analysis

General Note:

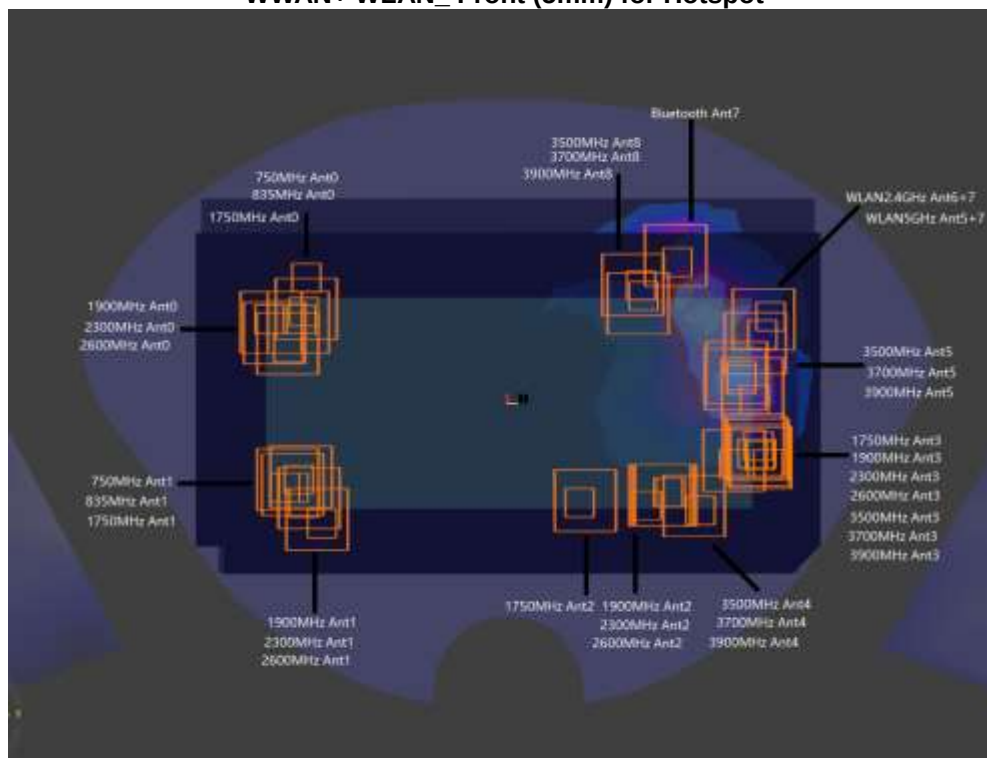
1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of $[(x1-x2)^2 + (y1-y2)^2 + (z1-z2)^2]$, where (x1, y1, z1) and (x2, y2, z2) are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. $SPLSR = (SAR1 + SAR2)1.5 / (\text{min. separation distance, mm})$. If $SPLSR \leq 0.04$ for 1g SAR, simultaneously transmission SAR measurement is not necessary.
3. Per April 2022 TCB Workshop Notes, AG1 was summed algebraically with the NFC Antenna for the purposes of hybrid SPLSR combination and they are located at the bottom of the device
4. Per April 2022 TCB Workshop, instead of doing a small volume scan over a co-located antenna pair, used summing the SAR values of the co-located pair and using that value in SPLSR calculation. In the calculation used the minimum distance between the spatially separated antenna and the closest antenna of the co-located antenna pair to be conservative.
5. The detail hotspot point for each transmitter in each exposure condition are showing as below figure and the minimum 3D distance for each sum combination is used for SPLSR analysis.
6. The axis peak locations refer to Section 17.9.



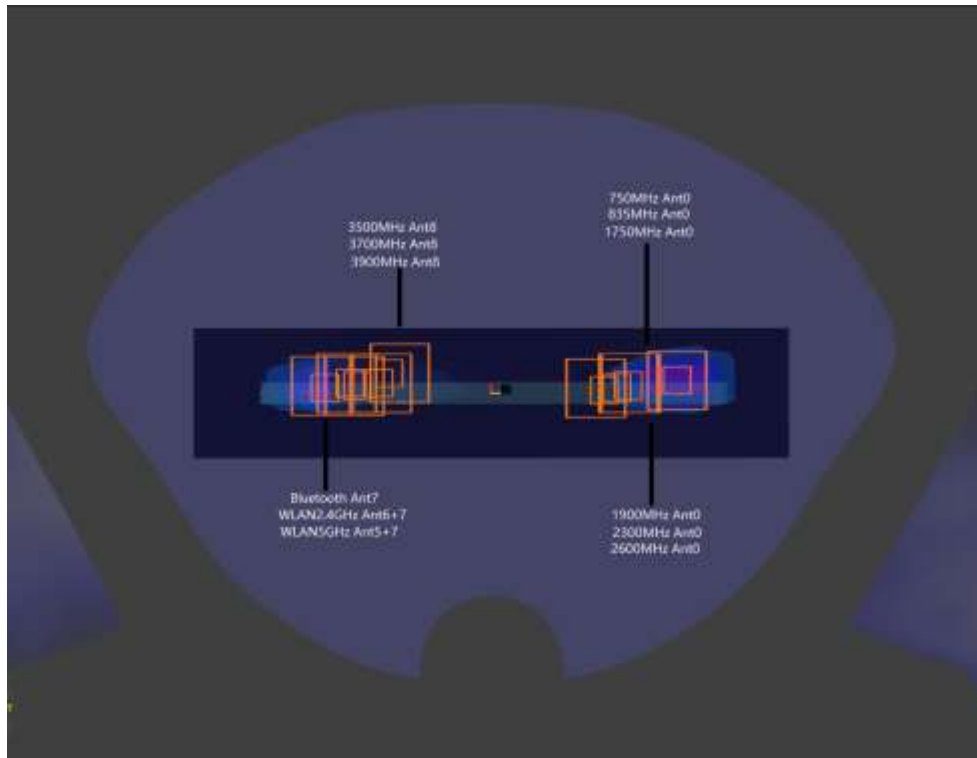
WWAN+ WLAN_ Left Cheek (0mm) for Head



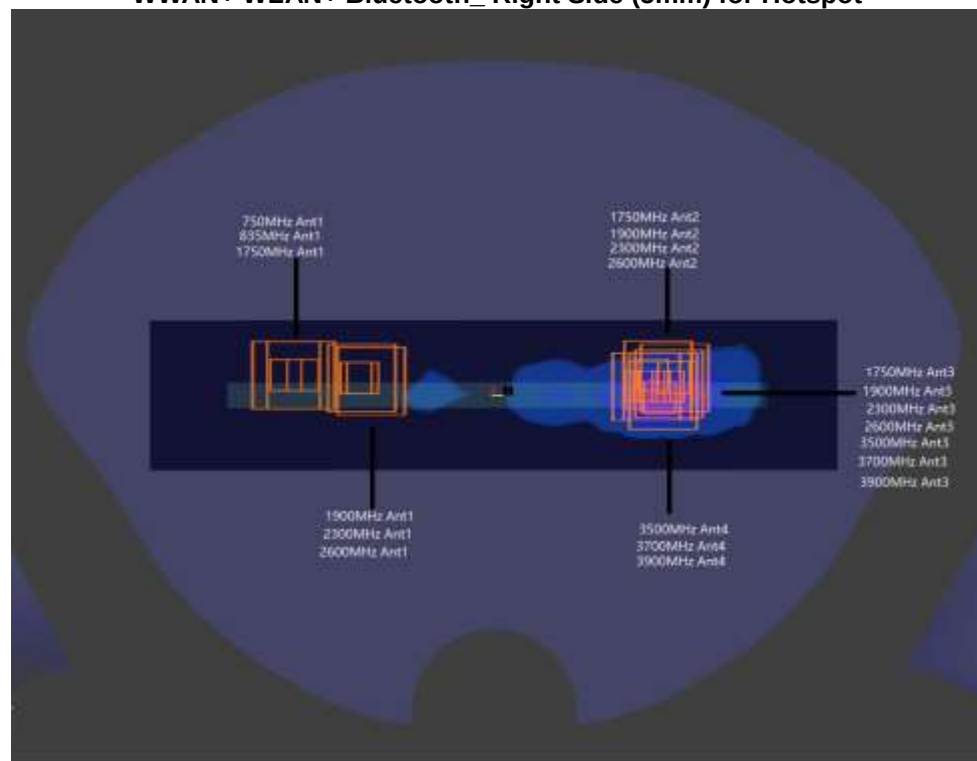
WWAN+ WLAN_ Front (5mm) for Hotspot



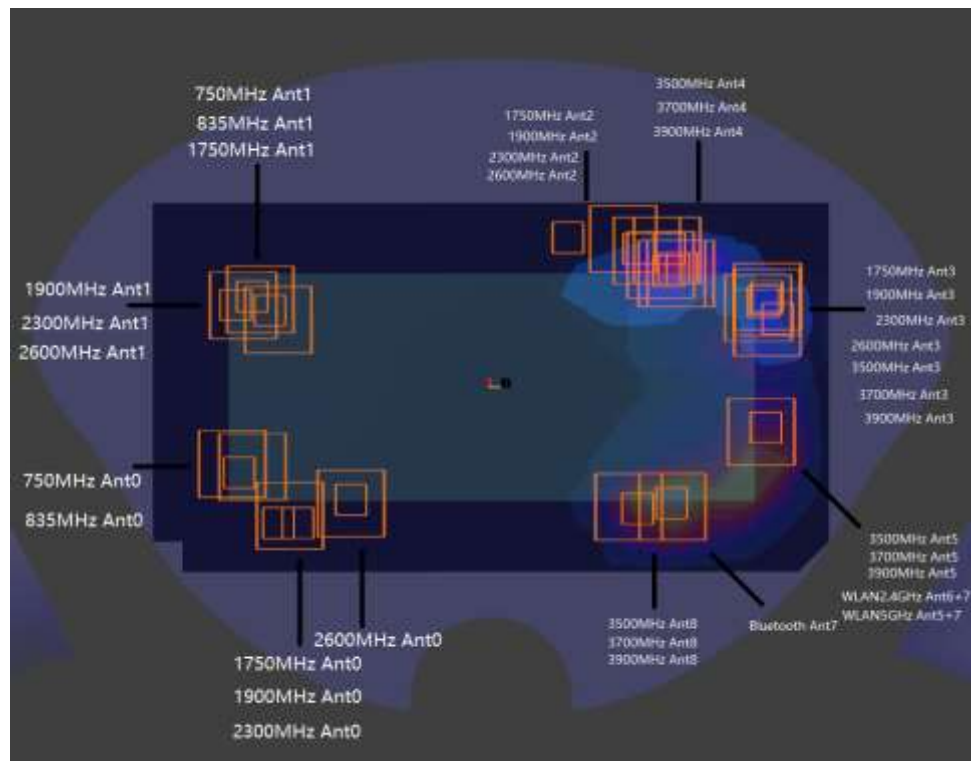
WWAN+ WLAN+ Bluetooth_ Back (5mm) for Hotspot



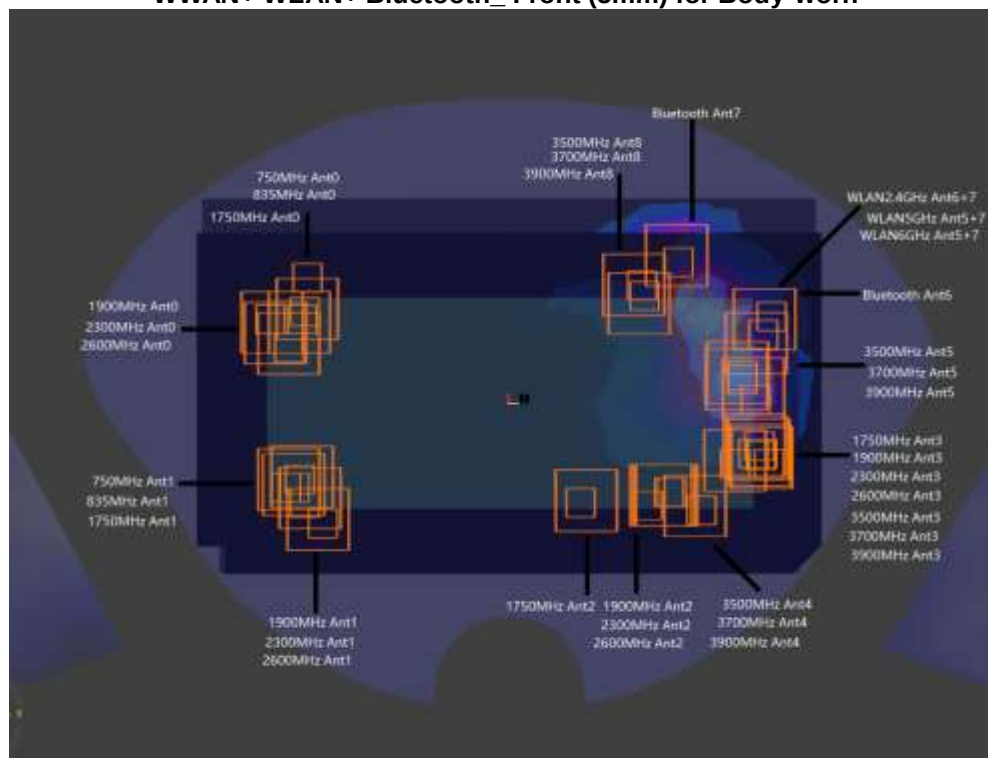
WWAN+ WLAN+ Bluetooth_ Right Side (5mm) for Hotspot



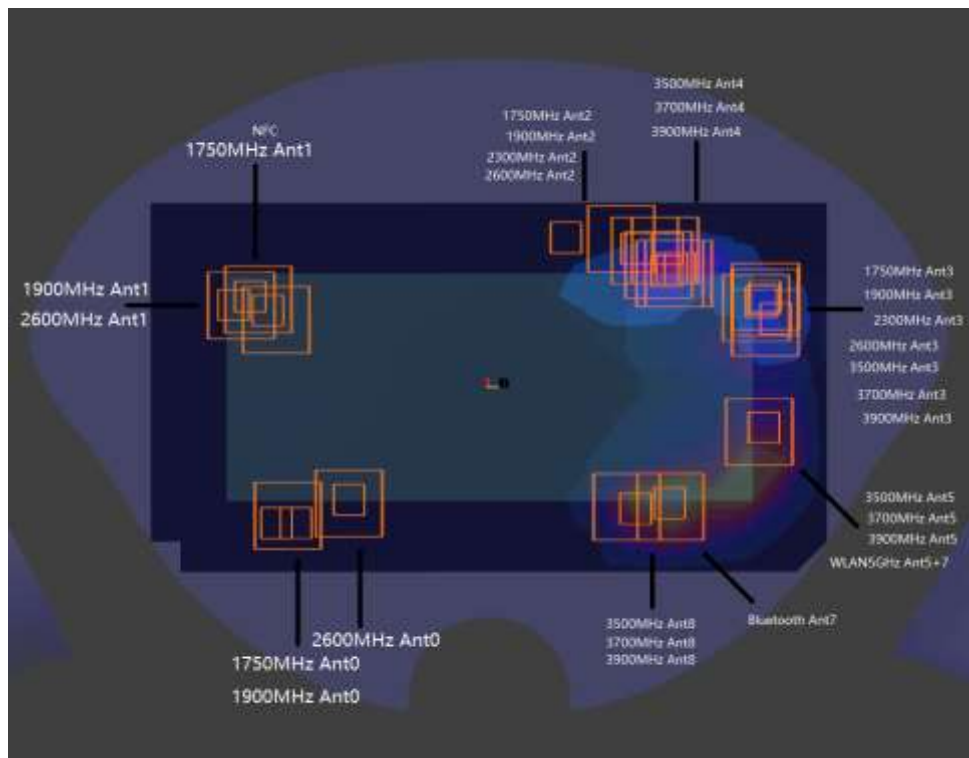
WWAN+ WWAN _ Left Side (5mm) for Hotspot



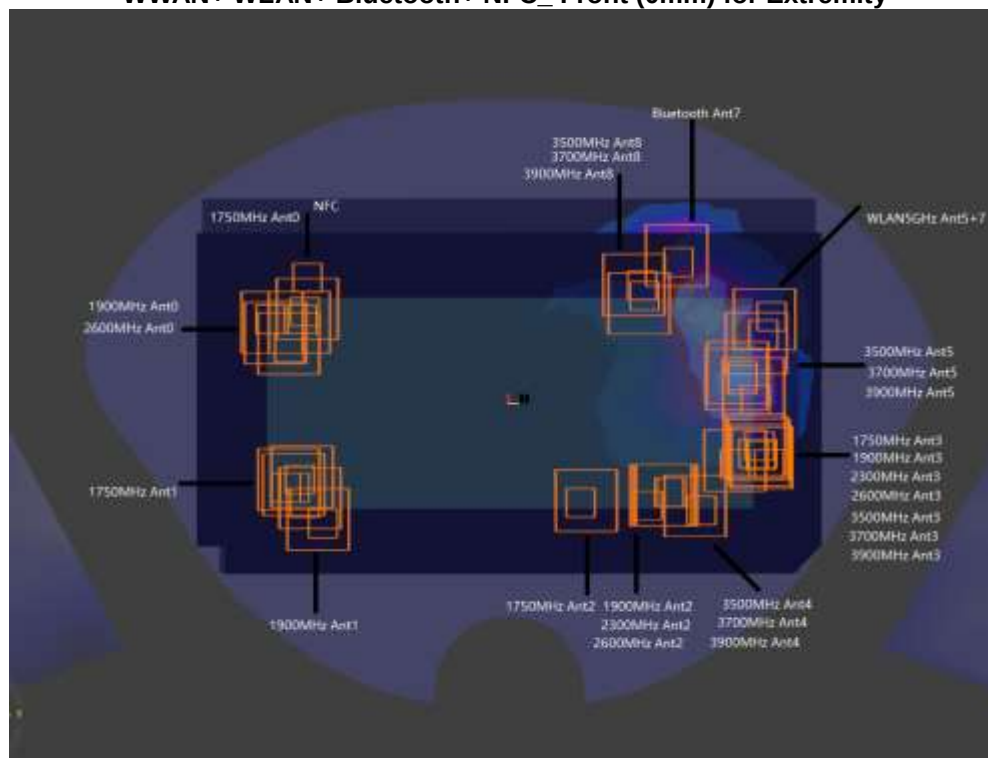
WWAN+ WLAN+ Bluetooth_ Front (5mm) for Body-worn



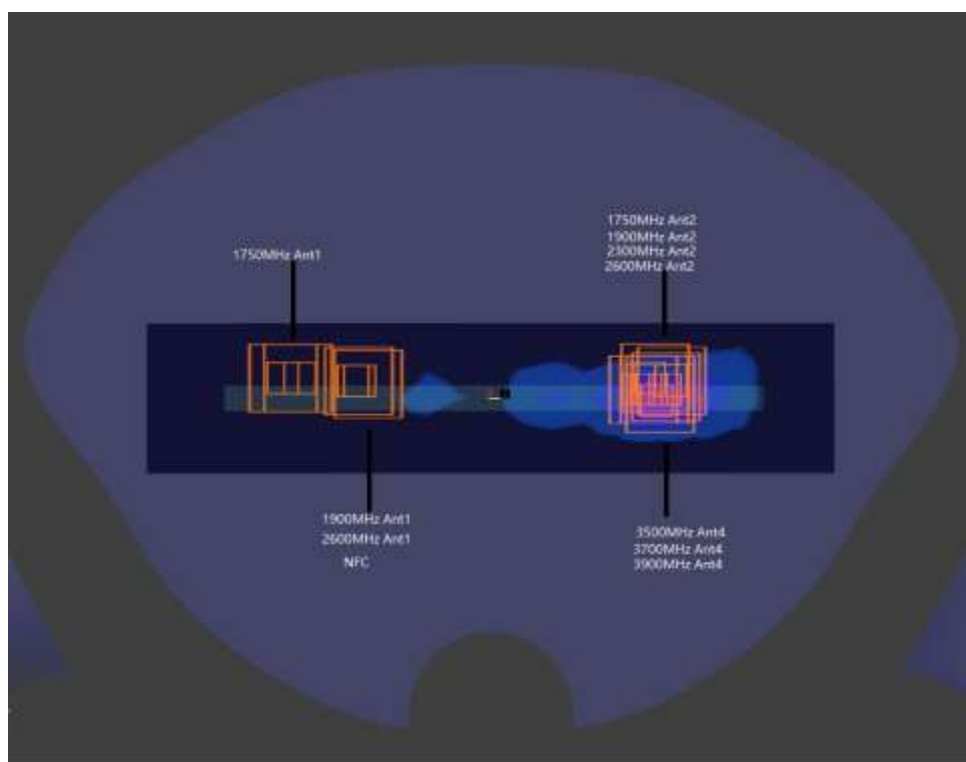
WWAN+ WLAN+ Bluetooth_ Back (5mm) for Body-worn



WWAN+ WLAN+ Bluetooth+ NFC_ Front (0mm) for Extremity



WWAN+ WLAN+ Bluetooth+ NFC_ Back (0mm) for Extremity


WWAN+ WWAN+ NFC_ Left Side (0mm) for Extremity
<Head>

Case 1	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Left Check	1.288	1.288	0mm	41.9	242.9	-173.3	76.7	1.67	0.03	Not required
Ant1		0.377	0.377	0mm	118.1	241.2	-164.6				
Case 2	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Left Check	1.292	1.292	0mm	58.3	322.5	-173.6	98.2	1.67	0.02	Not required
Ant1		0.377	0.377	0mm	118.3	245.3	-164.6				
Case 3	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Left Check	1.356	1.356	0mm	52.5	333.5	-173	110.4	1.73	0.02	Not required
Ant1		0.377	0.377	0mm	118.3	245.3	-164.6				
Case 4	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant7	Left Check	1.287	1.287	0mm	49.6	331.1	-173.8	110.3	1.66	0.02	Not required
Ant1		0.377	0.377	0mm	118.3	245.3	-164.6				



<Hotspot>

Case 1	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Front	0.875	0.875	5mm	-70.1	55	-207	120.1	1.80	0.02	Not required
Ant1		0.923	0.923	5mm	-64.2	-65	-207				
Case 2	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Front	0.952	0.952	5mm	-51.4	91.4	-207	156.9	1.88	0.02	Not required
Ant1		0.923	0.923	5mm	-64.2	-65	-207				
Case 3	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Front	0.739	0.739	5mm	-70	59.5	-207	124.6	1.66	0.02	Not required
Ant1		0.923	0.923	5mm	-64.2	-65	-207				
Case 4	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Front	0.946	0.946	5mm	15.4	47.5	-204	135.6	1.87	0.02	Not required
Ant1		0.923	0.923	5mm	-54	-69	-204				
Case 5	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Front	0.745	0.745	5mm	13.6	59.6	-207	145.3	1.67	0.01	Not required
Ant1		0.923	0.923	5mm	-54	-69	-204				
Case 6	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Front	0.805	0.805	5mm	19.5	60.3	-207	148.8	1.73	0.02	Not required
Ant1		0.923	0.923	5mm	-54	-69	-204				
Case 7	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Front	0.875	0.875	5mm	-62	55.6	-207	137.6	1.83	0.02	Not required
Ant0		0.952	0.952	5mm	12	-60.4	-207				
Case 8	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Front	0.952	0.952	5mm	-44.9	91.3	-207	162.0	1.90	0.02	Not required
Ant0		0.952	0.952	5mm	12	-60.4	-207				
Case 9	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Front	0.739	0.739	5mm	-61.5	63.5	-207	144.1	1.69	0.02	Not required
Ant0		0.952	0.952	5mm	12	-60.4	-207				
Case 10	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Front	0.946	0.946	5mm	15.4	47.5	-204	108.0	1.90	0.02	Not required
Ant0		0.952	0.952	5mm	12	-60.4	-207				
Case 11	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Front	0.745	0.745	5mm	13.6	59.6	-207	120.0	1.70	0.02	Not required
Ant0		0.952	0.952	5mm	12	-60.4	-207				
Case 12	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Front	0.805	0.805	5mm	19.5	60.3	-207	120.9	1.76	0.02	Not required
Ant0		0.952	0.952	5mm	12	-60.4	-207				



Case 1	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.961	0.961	5mm	14	58.3	-207	119.8	2.07	0.02	Not required
Ant1		1.105	1.105	5mm	11.1	-61.5	-207				
Case 2	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Back	1.198	1.198	5mm	-0.5	80.5	-207	142.5	2.30	0.02	Not required
Ant1		1.105	1.105	5mm	11.1	-61.5	-207				
Case 3	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Back	0.854	0.854	5mm	12	68.5	-207	130.0	1.96	0.02	Not required
Ant1		1.105	1.105	5mm	11.1	-61.5	-207				
Case 4	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant5	Back	0.597	0.597	5mm	-31	82	-207	149.5	1.70	0.01	Not required
Ant1		1.105	1.105	5mm	11.1	-61.5	-207				
Case 5	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.156	1.156	5mm	-60.5	49.5	-207	132.1	2.26	0.03	Not required
Ant1		1.105	1.105	5mm	11.1	-61.5	-207				
Case 6	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Back	0.682	0.682	5mm	-57.6	60.1	-207	139.7	1.79	0.02	Not required
Ant1		1.105	1.105	5mm	11.1	-61.5	-207				
Case 7	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Back	1.151	1.151	5mm	-61.1	64.2	-207	145.0	2.26	0.02	Not required
Ant1		1.105	1.105	5mm	11.1	-61.5	-207				
Case 8	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant7	Back	0.618	0.618	5mm	-74.2	59.5	-207	148.0	1.72	0.02	Not required
Ant1		1.105	1.105	5mm	11.1	-61.5	-207				
Case 9	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	0.961	0.961	5mm	8	60.1	-207	146.0	2.12	0.02	Not required
Ant0		1.158	1.158	5mm	-67.4	-64.9	-207				
Case 10	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Back	1.198	1.198	5mm	-0.5	80.5	-207	160.1	2.36	0.02	Not required
Ant0		1.158	1.158	5mm	-67.4	-64.9	-207				
Case 11	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Back	0.854	0.854	5mm	12	68.5	-207	155.2	2.01	0.02	Not required
Ant0		1.158	1.158	5mm	-67.4	-64.9	-207				
Case 12	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant5	Back	0.597	0.597	5mm	-31	82	-207	151.3	1.76	0.02	Not required
Ant0		1.158	1.158	5mm	-67.4	-64.9	-207				
Case 13	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.156	1.156	5mm	-67.6	45.4	-207	110.3	2.31	0.03	Not required
Ant0		1.158	1.158	5mm	-67.4	-64.9	-207				
Case 14	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Back	0.682	0.682	5mm	-57.6	60.1	-207	125.4	1.84	0.02	Not required



FCC SAR Test Report

Report No. : FA4N2802

Ant0		1.158	1.158	5mm	-67.4	-64.9	-207				
Case 15	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Back	1.151	1.151	5mm	-61.1	64.2	-207	129.3	2.31	0.03	Not required
Ant0		1.158	1.158	5mm	-67.4	-64.9	-207				
Case 16	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant7	Back	0.618	0.618	5mm	-55.2	92.1	-207	157.5	1.78	0.02	Not required
Ant0		1.158	1.158	5mm	-67.4	-64.9	-207				

Case 1	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Left Side	1.295	1.295	5mm	-27.9	61	-207	121.7	2.59	0.03	Not required
Ant1		1.293	1.293	5mm	-31.6	-60.6	-207				
Case 2	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Left Side	0.452	0.452	5mm	-23.5	50.2	-204	111.1	1.75	0.02	Not required
Ant1		1.293	1.293	5mm	-31.6	-60.6	-207				
Case 3	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Left Side	1.291	1.291	5mm	-26.9	61.5	-207	122.2	2.58	0.03	Not required
Ant1		1.293	1.293	5mm	-31.6	-60.6	-207				

Case 1	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Right Side	1.297	1.297	5mm	-28.9	-59.3	-207	130.3	2.59	0.03	Not required
Ant0		1.294	1.294	5mm	-26.4	71	-207				
Case 2	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Right Side	1.406	1.406	5mm	-26.7	-59.7	-207	130.7	2.70	0.03	Not required
Ant0		1.294	1.294	5mm	-26.4	71	-207				
Case 3	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Right Side	1.152	1.152	5mm	-26.6	-61.8	-207	132.8	2.45	0.03	Not required
Ant0		1.294	1.294	5mm	-25	71	-207				
Case 4	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant7	Right Side	1.131	1.131	5mm	-28.5	-52.8	-207	123.8	2.43	0.03	Not required
Ant0		1.294	1.294	5mm	-26.4	71	-207				



<Body-worn>

Case 1	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Front	1.295	1.295	5mm	-70.1	55	-207	120.1	2.56	0.03	Not required
Ant1		1.267	1.267	5mm	-64.2	-65	-207				
Case 2	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Front	1.294	1.294	5mm	-51.4	91.4	-207	156.9	2.56	0.03	Not required
Ant1		1.267	1.267	5mm	-64.2	-65	-207				
Case 3	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Front	1.294	1.294	5mm	-70	59.5	-207	124.6	2.56	0.03	Not required
Ant1		1.267	1.267	5mm	-64.2	-65	-207				
Case 4	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant5	Front	1.277	1.277	5mm	-6	90	-204	165.6	2.54	0.02	Not required
Ant1		1.267	1.267	5mm	-64.2	-65	-207				
Case 5	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Front	1.246	1.246	5mm	15.4	47.5	-204	135.6	2.51	0.03	Not required
Ant1		1.267	1.267	5mm	-54	-69	-204				
Case 6	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Front	1.266	1.266	5mm	13.6	59.6	-207	145.3	2.53	0.03	Not required
Ant1		1.267	1.267	5mm	-54	-69	-204				
Case 7	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Front	0.835	0.835	5mm	19.5	60.3	-207	148.8	2.10	0.02	Not required
Ant1		1.267	1.267	5mm	-54	-69	-204				
Case 8	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant7	Front	0.935	0.935	5mm	25.4	57.1	-207	149.0	2.20	0.02	Not required
Ant1		1.267	1.267	5mm	-54	-69	-204				
Case 9	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Front	1.295	1.295	5mm	-62	55.6	-207	137.6	2.59	0.03	Not required
Ant0		1.299	1.299	5mm	12	-60.4	-207				
Case 10	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Front	1.294	1.294	5mm	-44.9	91.3	-207	162.0	2.59	0.03	Not required
Ant0		1.299	1.299	5mm	12	-60.4	-207				
Case 11	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Front	1.294	1.294	5mm	-61.5	63.5	-207	144.1	2.59	0.03	Not required
Ant0		1.299	1.299	5mm	12	-60.4	-207				
Case 12	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant5	Front	1.277	1.277	5mm	-6	90	-204	151.5	2.58	0.03	Not required
Ant0		1.299	1.299	5mm	12	-60.4	-207				
Case 13	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Front	1.246	1.246	5mm	15.4	47.5	-204	108.0	2.55	0.04	Not required
Ant0		1.299	1.299	5mm	12	-60.4	-207				
Case 14	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Front	1.266	1.266	5mm	13.6	59.6	-207	120.0	2.57	0.03	Not required



FCC SAR Test Report

Report No. : FA4N2802

Ant0		1.299	1.299	5mm	12	-60.4	-207				
Case 15	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Front	0.835	0.835	5mm	19.5	60.3	-207	120.9	2.13	0.03	Not required
Ant0		1.299	1.299	5mm	12	-60.4	-207				
Case 16	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant7	Front	0.935	0.935	5mm	25.4	57.1	-207	118.3	2.23	0.03	Not required
Ant0		1.299	1.299	5mm	12	-60.4	-207				

Case 1	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	1.297	1.297	5mm	14	58.3	-207	119.8	2.59	0.03	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 2	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Back	1.295	1.295	5mm	-0.5	80.5	-207	142.5	2.59	0.03	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 3	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Back	1.275	1.275	5mm	12	68.5	-207	130.0	2.57	0.03	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 4	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant5	Back	1.292	1.292	5mm	-31	82	-207	149.5	2.58	0.03	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 5	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.296	1.296	5mm	-60.5	49.5	-207	132.1	2.59	0.03	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 6	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Back	1.157	1.157	5mm	-57.6	60.1	-207	139.7	2.45	0.03	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 7	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Back	1.153	1.153	5mm	-61.1	64.2	-207	145.0	2.45	0.03	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 8	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN6GHz Ant5+7	Back	0.546	0.546	5mm	-31.4	80.5	-207	148.2	1.84	0.02	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 9	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant6	Back	0.453	0.453	5mm	-55.2	92.1	-207	167.3	1.75	0.01	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 10	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant7	Back	0.983	0.983	5mm	-74.2	59.5	-207	148.0	2.28	0.02	Not required
Ant1		1.292	1.292	5mm	11.1	-61.5	-207				
Case 11	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	1.297	1.297	5mm	8	60.1	-207	146.0	2.59	0.03	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				
Case 12	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				



FCC SAR Test Report

Report No. : FA4N2802

Ant3	Back	1.295	1.295	5mm	-0.5	80.5	-207	160.1	2.59	0.03	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				
Case 13	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Back	1.275	1.275	5mm	12	68.5	-207	155.2	2.57	0.03	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				
Case 14	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant5	Back	1.292	1.292	5mm	-31	82	-207	151.3	2.59	0.03	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				
Case 15	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.296	1.296	5mm	-67.6	45.4	-207	110.3	2.59	0.04	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				
Case 16	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN2.4GHz Ant6+7	Back	1.157	1.157	5mm	-57.6	60.1	-207	125.4	2.45	0.03	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				
Case 17	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Back	1.153	1.153	5mm	-61.1	64.2	-207	129.3	2.45	0.03	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				
Case 18	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN6GHz Ant5+7	Back	0.546	0.546	5mm	-31.4	80.5	-207	149.8	1.84	0.02	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				
Case 19	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant6	Back	0.453	0.453	5mm	-74.2	59.5	-207	124.6	1.75	0.02	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				
Case 20	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant7	Back	0.983	0.983	5mm	-55.2	92.1	-207	157.5	2.28	0.02	Not required
Ant0		1.294	1.294	5mm	-67.4	-64.9	-207				

<Extremity>

Case 1	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Front	3.091	3.091	0mm	-62	55.6	-207	124.9	5.19	0.09	Not required
Ant1		2.096	2.097		-54	-69	-204				
NFC		0.001									
Ant2		3.091	3.091	0mm	-62	55.6	-207	142.9	5.19	0.08	Not required
Ant1		2.096	2.097								
NFC		0.001			4.1	-71.1	-204				
Case 2	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Front	3.192	3.192	0mm	-51.5	91.5	-207	160.5	5.29	0.08	Not required
Ant1		2.096	2.097		-54	-69	-204				
NFC		0.001									
Ant3		3.192	3.192	0mm	-51.5	91.5	-207	171.9	5.29	0.07	Not required
Ant1		2.096	2.097								
NFC		0.001			4.1	-71.1	-204				
Case 3	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Front	2.732	2.732	0mm	-70	59.5	-207	129.5	4.83	0.08	Not required



FCC SAR Test Report

Report No. : FA4N2802

Ant1		2.096	2.097	0mm	-54	-69	-204	150.2	4.83	0.07	Not required	
NFC		0.001										
Ant4		2.732	2.732		-70	59.5	-207					
Ant1		2.096	2.097									
NFC		0.001			4.1	-71.1	-204					
Case 4	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant5	Front	1.981	1.981	0mm	-6	90	-204	166.1	4.08	0.05	Not required	
Ant1		2.096	2.097		-54	-69	-204					
NFC		0.001										
Ant5		1.981	1.981	0mm	-6	90	-204	161.4	4.08	0.05	Not required	
Ant1		2.096	2.097									
NFC		0.001			4.1	-71.1	-204					
Case 5	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant8	Front	2.385	2.385	0mm	15.4	47.5	-204	135.6	4.48	0.07	Not required	
Ant1		2.096	2.097		-54	-69	-204					
NFC		0.001										
Ant8		2.385	2.385	0mm	15.4	47.5	-204	119.1	4.48	0.08	Not required	
Ant1		2.096	2.097									
NFC		0.001			4.1	-71.1	-204					
Case 6	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Bluetooth Ant7	Front	2.024	2.024	0mm	25.4	57.1	-207	149.0	4.12	0.06	Not required	
Ant1		2.096	2.097		-54	-69	-204					
NFC		0.001										
Bluetooth Ant7		2.024	2.024	0mm	25.4	57.1	-207	130.0	4.12	0.06	Not required	
Ant1		2.096	2.097									
NFC		0.001			4.1	-71.1	-204					
Case 7	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant2	Front	3.091	3.091	0mm	11	-64	-207	140.1	5.45	0.09	Not required	
Ant0		2.361	2.362		-62	55.6	-207					
NFC		0.001										
Ant2		3.091	3.091	0mm	-62	55.6	-207	142.9	5.45	0.09	Not required	
Ant0		2.361	2.362									
NFC		0.001			4.1	-71.1	-204					
Case 8	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant3	Front	3.192	3.192	0mm	-44.9	91.3	-207	165.1	5.55	0.08	Not required	
Ant0		2.361	2.362		11	-64	-207					
NFC		0.001										
Ant3		3.192	3.192	0mm	-44.9	91.3	-207	169.7	5.55	0.08	Not required	
Ant0		2.361	2.362									
NFC		0.001			4.1	-71.1	-204					
Case 9	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant4	Front	2.732	2.732	0mm	-61.5	63.5	-207	146.7	5.09	0.08	Not required	
Ant0		2.361	2.362		11	-64	-207					
NFC		0.001										
Ant4		2.732	2.732	0mm	-63.1	65.4	-207	152.2	5.09	0.08	Not required	
Ant0		2.361	2.362									
NFC		0.001			4.1	-71.1	-204					
Case 10	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant5	Front	1.981	1.981	0mm	-6	90	-204	155.0	4.34	0.06	Not required	



FCC SAR Test Report

Report No. : FA4N2802

Ant0		2.361	2.362	0mm	11	-64	-207	161.4	4.34	0.06	Not required	
NFC		0.001										
Ant5		1.981	1.981		-6	90	-204					
Ant0		2.361	2.362									
NFC		0.001			4.1	-71.1	-204					
Case 11	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Ant8	Front	2.385	2.385	0mm	15.4	47.5	-204	111.6	4.75	0.09	Not required	
Ant0		2.361			2.362	11	-64					-207
NFC		0.001										
Ant8		2.385	2.385	0mm	15.4	47.5	-204	119.1	4.75	0.09	Not required	
Ant0		2.361			2.362							
NFC		0.001				4.1	-71.1					-204
Case 12	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
WLAN5GHz Ant5+7	Front	1.655	1.655	0mm	19.5	60.3	-207	124.6	4.02	0.06	Not required	
Ant0		2.361			2.362	11	-64					-207
NFC		0.001										
WLAN5GHz Ant5+7		1.655	1.655	0mm	19.5	60.3	-207	132.3	4.02	0.06	Not required	
Ant0		2.361			2.362							
NFC		0.001				4.1	-71.1					-204
Case 13	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR	
					X	Y	Z					
Bluetooth Ant7	Front	2.024	2.024	0mm	25.4	57.1	-207	122.0	4.39	0.08	Not required	
Ant0		2.361			2.362	11	-64					-207
NFC		0.001										
Bluetooth Ant7		2.024	2.024	0mm	25.4	57.1	-207	130.0	4.39	0.07	Not required	
Ant0		2.361			2.362							
NFC		0.001				4.1	-71.1					-204

Case 1	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.161	3.161	0mm	14	78.3	-207	157.8	6.21	0.10	Not required
Ant1		3.033			11.1	-79.5	-207				
NFC		0.016									
Ant2		3.161	3.161	0mm	8	60.1	-207	159.8	6.21	0.10	Not required
Ant1		3.033									
NFC		0.016			-59.5	-80.2	-171				
Case 2	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Back	2.284	2.284	0mm	-0.5	80.5	-207	160.4	5.33	0.08	Not required
Ant1		3.033			11.1	-79.5	-207				
NFC		0.016									
Ant3		2.284	2.284	0mm	-0.5	80.5	-207	174.9	5.33	0.07	Not required
Ant1		3.033									
NFC		0.016			-59.5	-80.2	-171				
Case 3	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Back	2.435	2.435	0mm	12	68.5	-207	148.0	5.48	0.09	Not required
Ant1		3.033			11.1	-79.5	-207				
NFC		0.016									
Ant4		2.435	2.435	0mm	12	68.5	-207	168.9	5.48	0.08	Not required
Ant1		3.033									
NFC		0.016			-59.5	-80.2	-171				
Case 4	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				



FCC SAR Test Report

Report No. : FA4N2802

Ant5	Back	1.433	1.433	0mm	-31	82	-207	166.9	4.48	0.06	Not required
Ant1		3.033	3.049		11.1	-79.5	-207				
NFC		0.016									
Ant5		1.433	1.433	0mm	-31	82	-207	168.6	4.48	0.06	Not required
Ant1		3.033	3.049								
NFC		0.016				-59.5	-80.2				
Case 5	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant8	Back	1.617	1.617	0mm	-60.5	49.5	-207	147.5	4.67	0.07	Not required
Ant1		3.033	3.049		11.1	-79.5	-207				
NFC		0.016									
Ant8		1.617	1.617	0mm	-67.6	45.4	-207	130.9	4.67	0.08	Not required
Ant1		3.033	3.049								
NFC		0.016				-59.5	-80.2				
Case 6	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Back	1.786	1.786	0mm	-61.1	64.2	-207	160.8	4.84	0.07	Not required
Ant1		3.033	3.049		11.1	-79.5	-207				
NFC		0.016									
WLAN5GHz Ant5+7		1.786	1.786	0mm	-61.1	64.2	-207	148.8	4.84	0.07	Not required
Ant1		3.033	3.049								
NFC		0.016				-59.5	-80.2				
Case 7	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Bluetooth Ant7	Back	1.361	1.361	0mm	-74.2	59.5	-207	163.1	4.41	0.06	Not required
Ant1		3.033	3.049		11.1	-79.5	-207				
NFC		0.016									
Bluetooth Ant7		1.361	1.361	0mm	-74.2	59.5	-207	145.0	4.41	0.06	Not required
Ant1		3.033	3.049								
NFC		0.016				-59.5	-80.2				
Case 8	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.161	3.161	0mm	10	79.2	-207	167.5	5.67	0.08	Not required
Ant0		2.494	2.510		-63	-71.6	-207				
NFC		0.016									
Ant2		3.161	3.161	0mm	8	60.1	-207	159.8	5.67	0.08	Not required
Ant0		2.494	2.510								
NFC		0.016				-59.5	-80.2				
Case 9	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant3	Back	2.284	2.284	0mm	-0.5	80.5	-207	164.4	4.79	0.06	Not required
Ant0		2.494	2.510		-63	-71.6	-207				
NFC		0.016									
Ant3		2.284	2.284	0mm	-0.5	80.5	-207	174.9	4.79	0.06	Not required
Ant0		2.494	2.510								
NFC		0.016				-59.5	-80.2				
Case 10	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Back	2.435	2.435	0mm	12	68.5	-207	158.9	4.95	0.07	Not required
Ant0		2.494	2.510		-63	-71.6	-207				
NFC		0.016									
Ant4		2.435	2.435	0mm	12	68.5	-207	168.9	4.95	0.07	Not required
Ant0		2.494	2.510								
NFC		0.016				-59.5	-80.2				
Case 11	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				



FCC SAR Test Report

Report No. : FA4N2802

Ant8	Back	1.617	1.617	0mm	-67.6	45.4	-207	117.1	4.13	0.07	Not required
Ant0		2.494	2.510		-63	-71.6	-207				
NFC		0.016									
Ant8		1.617	1.617	0mm	-67.6	45.4	-207	130.9	4.13	0.06	Not required
Ant0		2.494	2.510								
NFC		0.016			-59.5	-80.2	-171				
Case 12	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
WLAN5GHz Ant5+7	Back	1.786	1.786	0mm	-61.1	64.2	-207	135.8	4.30	0.07	Not required
Ant0		2.494	2.510		-63	-71.6	-207				
NFC		0.016									
WLAN5GHz Ant5+7		1.786	1.786	0mm	-61.1	64.2	-207	148.8	4.30	0.06	Not required
Ant0		2.494	2.510								
NFC		0.016			-59.5	-80.2	-171				

Case 1	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Left Side	3.194	3.194	0mm	-30.6	81.2	-207	152.8	5.78	0.09	Not required
Ant1		2.589	2.590		-31.4	-71.6	-207				
NFC		0.001									
Ant2		3.194	3.194	0mm	-26.6	81.2	-207	151.2	5.78	0.09	Not required
Ant1		2.589	2.590								
NFC		0.001			-25	-70	-204				
Case 2	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant4	Left Side	3.186	3.186	0mm	-26.9	77.5	-207	149.2	5.78	0.09	Not required
Ant1		2.589	2.590		-31.4	-71.6	-207				
NFC		0.001									
Ant4		3.186	3.186	0mm	-26.9	77.5	-207	147.5	5.78	0.09	Not required
Ant1		2.589	2.590								
NFC		0.001			-25	-70	-204				

17.9 Maximum Reported SAR and SAR Peak Locations

General Note:

1. The maximum reported SAR and SAR Peak Locations corresponding to each position of each frequency band of each antenna in the below tables are as follows.
2. The unit of SAR evaluation is W/kg. The unit of x, y, z with Axis (x, y, z) evaluation is mm.

<Head>

Left Cheek										
Band		Ant1			Ant2			Ant8		
GSM850	SAR	0.341								
	Axis	120.3	245.2	-164.6						
GSM1900	SAR				0.495					
	Axis				16.8	266.5	-167.4			
WCDMA II	SAR				0.660					
	Axis				17.2	267.9	-167.4			
WCDMA IV	SAR				0.551					
	Axis				19.9	255.8	-166.1			
WCDMA V	SAR	0.301								
	Axis	120.6	245.2	-164.6						
LTE Band 7	SAR	0.377			1.278					
	Axis	118.3	245.3	-164.6	41.4	244.7	-173.6			
LTE Band 12	SAR	0.294								
	Axis	119.2	242.4	-164.6						
LTE Band 13	SAR	0.192								
	Axis	120.3	244.1	-164.6						
LTE Band 14	SAR	0.230								
	Axis	125.3	246.1	-164.6						
LTE Band 25	SAR	0.074			0.589					
	Axis	121.2	241.9	-164.6	16.4	267.7	-167.4			
LTE Band 26	SAR	0.329								
	Axis	120.9	241.7	-164.6						
LTE Band 30	SAR	0.238			1.070					
	Axis	118.1	241.2	-164.6	40.1	244.2	-169.9			
LTE Band 66	SAR	0.069			0.607					
	Axis	123.4	243.6	-164.6	19.5	255.3	-166.1			
LTE Band 71	SAR	0.304								
	Axis	123.7	241.5	-164.6						
LTE Band 41	SAR	0.253			1.288					
	Axis	123.8	245.6	-164.6	41.4	244.7	-173.6			
LTE Band 42	SAR							1.292		
	Axis							58.2	323.1	-173.5
LTE Band 48	SAR							1.284		
	Axis							58.3	322.5	-173.6
FR1 n7	SAR	0.277			1.280					
	Axis	123.9	246.8	-164.6	41.9	242.9	-173.3			
FR1 n12	SAR	0.162								
	Axis	124.3	247.7	-164.6						
FR1 n14	SAR	0.153								
	Axis	124.5	244.4	-164.6						
FR1 n25	SAR	0.098			0.651					
	Axis	124.1	248.3	-164.6	16.5	268.2	-167.4			
FR1 n26	SAR	0.192								
	Axis	125.3	249.1	-164.6						
FR1 n30	SAR				1.016					
	Axis				40.5	244	-169.9			



FCC SAR Test Report

Report No. : FA4N2802

FR1 n66	SAR	0.038			0.573					
	Axis	125.5	245.3	-164.6	20.1	256.1	-166.1			
FR1 n70	SAR	0.036			0.563					
	Axis	125.3	243.2	-164.6	19.3	255.8	-166.1			
FR1 n71	SAR	0.192								
	Axis	124.8	243.1	-164.6						
FR1 n41	SAR	0.214			1.277					
	Axis	126.4	244.3	-164.6	41.5	243.1	-173.3			
FR1 n48	SAR							1.283		
	Axis							55.7	322.9	-174
FR1 n77	SAR							1.284		
	Axis							56.6	322.4	-173.9

WLAN2.4GHz Ant6+7	SAR (W/kg)	1.356			WLAN6GHz Ant5+7	SAR (W/kg)	1.186		
	Axis	52.5	333.5	-173		Axis	42.6	324.6	-175.3
WLAN5GHz Ant5+7	SAR (W/kg)	1.151			Bluetooth Ant7	SAR (W/kg)	1.296		
	Axis	45.7	331	-174.3		Axis	49.6	331.1	-173.8

<Hotspot>

Front 5mm										
Band		Ant0			Ant1			Ant2		
GSM850	SAR	0.572			0.563					
	Axis	18.5	-61.5	-204	-53.4	-82.1	-204			
GSM1900	SAR	0.436						0.576		
	Axis	3.4	-85.1	-204				-72.5	55.6	-207
WCDMA II	SAR	0.579						0.787		
	Axis	3.4	-85.6	-204				-71.6	55.3	-207
WCDMA IV	SAR	0.952						0.777		
	Axis	3.3	-86	-204				-71.5	55	-207
WCDMA V	SAR	0.790			0.704					
	Axis	18.4	-61.4	-204	-53.3	-82.3	-204			
LTE Band 7	SAR	0.537			0.534			0.720		
	Axis	11	-64	-207	-52.2	-86.8	-207	-70.8	56.3	-207
LTE Band 12	SAR	0.609			0.676					
	Axis	3.5	-85.8	-204	-53.6	-82.8	-204			
LTE Band 13	SAR	0.564			0.398					
	Axis	3.3	-84.2	-204	-52.3	-73.8	-204			
LTE Band 14	SAR	0.807			0.568					
	Axis	3.4	-83.6	-204	-52.9	-81.6	-204			
LTE Band 25	SAR	0.738			0.798			0.875		
	Axis	3.6	-85.3	-204	-52	-72	-204	-70.8	56	-207
LTE Band 26	SAR	0.898			0.753			0.556		
	Axis	18.5	-61.3	-204	-53.5	-81.8	-204	-44.9	91.3	-207
LTE Band 30	SAR	0.712			0.567					
	Axis	3.9	-80.6	-204	-61.5	-73.9	-204	-51.2	92.6	-207
LTE Band 66	SAR	0.866			0.527			0.728		
	Axis	4.1	-81.2	-204	-52.6	-81.2	-204	-51.3	92.7	-207
LTE Band 71	SAR	0.624			0.923			0.905		
	Axis	3.5	-87	-204	-61.3	-73.5	-204			
LTE Band 41	SAR	0.489			0.590					
	Axis	12	-72.8	-207	-64.2	-65	-207	-51.6	92.9	-207
LTE Band 42	SAR							-56.9		
	Axis							-51.5	91.5	-207
LTE Band 48	SAR							0.435		
	Axis							-50.5	91.5	-207
FR1 n7	SAR	0.609			0.734			0.638		



FCC SAR Test Report

Report No. : FA4N2802

	Axis	12	-60.4	-207	-53.6	-85	-207	-66.6	56	-207	-51.6	91.8	-207						
FR1 n12	SAR	0.464			0.298														
	Axis	4.3	-81.6	-204	-53.5	-71.8	-204												
FR1 n14	SAR	0.527			0.516														
	Axis	4.2	-81.3	-204	-53.1	-71.2	-204												
FR1 n25	SAR	0.614			0.733			0.759			0.777								
	Axis	3.5	-85.5	-204	-53	-71.6	-204	-68.5	56.3	-207	-56.9	93.8	-207						
FR1 n26	SAR	0.511			0.528														
	Axis	18.4	-61.4	-204	-55	-73.2	-204												
FR1 n30	SAR	0.617						0.716											
	Axis	4.1	-70.6	-204				-65.7	56.8	-207									
FR1 n66	SAR	0.803			0.558			0.818			0.863								
	Axis	4.1	-70.3	-204	-54	-69	-204	-67.2	58.5	-207	-57.9	94	-207						
FR1 n70	SAR	0.844			0.573			0.842			0.660								
	Axis	4.1	-73.3	-204	-53.6	-72.5	-204	-65.6	56.1	-207	-51	93	-207						
FR1 n71	SAR	0.365			0.401														
	Axis	4.2	-72.6	-204	-54.1	-71.6	-204												
FR1 n41	SAR	0.678			0.563			0.583			0.898								
	Axis	2.3	-84.5	-207	-64.1	-66	-207	-62	55.6	-207	-44.8	92.6	-207						
FR1 n48	SAR										0.454			0.639			0.718		
	Axis										-51.4	91.4	-207	-61.5	63.5	-207	15.5	47.8	-204
FR1 n77	SAR										0.644			0.739			0.707		
	Axis										-51.3	91.6	-207	-63.1	65.4	-207	15.4	47.5	-204

WLAN2.4GHz Ant6+7	SAR (W/kg)	0.745		
	Axis	13.6 59.6 -207		
WLAN5GHz Ant5+7	SAR (W/kg)	0.805		
	Axis	19.5 60.3 -207		

Back 5mm																						
Band		Ant0			Ant1			Ant2			Ant3			Ant4			Ant5			Ant8		
GSM850	SAR	0.684			0.687																	
	Axis	-65	-74.5	-207	9	-68	-207															
GSM1900	SAR	0.484						0.544														
	Axis	-58	-81	-207				10	59.2	-207												
WCDMA II	SAR	0.729						0.792														
	Axis	-58	-81	-207				10	61.2	-207												
WCDMA IV	SAR	1.158						0.782														
	Axis	-59.3	-76	-207				8	60.1	-207												
WCDMA V	SAR	0.901			0.854																	
	Axis	-65	-71.8	-207	8.3	-74.5	-207															
LTE Band 7	SAR	0.465			0.519			0.661			0.352											
	Axis	-63	-71.6	-207	8.2	-73.6	-207	11	61.9	-207	-9.6	89	-207									
LTE Band 12	SAR	0.699			0.836																	
	Axis	-61.3	-82	-207	11.7	-69.2	-207															
LTE Band 13	SAR	0.676			0.441																	
	Axis	-64.7	-73	-207	10	-70.5	-207															
LTE Band 14	SAR	0.901			0.635																	
	Axis	-67.4	-64.9	-207	9.5	-71.5	-207															
LTE Band 25	SAR	0.777			0.771			0.961			0.701											
	Axis	-58	-79.5	-207	14	-73.2	-207	9.2	63.5	-207	-7.5	89.8	-207									
LTE Band 26	SAR	0.958			0.901																	
	Axis	-60.8	-71.2	-207	12.5	-63.8	-207															
LTE Band 30	SAR	0.732			0.569			0.764			1.198											
	Axis	-53.6	-85	-207	6	-84.2	-207	8.5	61.5	-207	-4.9	90.9	-207									
LTE Band	SAR	0.985			0.523			0.780			0.950											



Report No. : FA4N2802

WLAN2.4GHz Ant6+7	SAR (W/kg)	0.682			BT Ant7	SAR (W/kg)	0.622		
	Axis	-57.6	60.1	-207		Axis	-74.2	59.5	-207
WLAN5GHz Ant5+7	SAR (W/kg)	1.151				SAR (W/kg)	0.622		
	Axis	-61.1	64.2	-207		Axis	-74.2	59.5	-207



Left Side 5mm													
Band		Ant1			Ant2			Ant3			Ant4		
GSM850	SAR	0.590											
	Axis	-31.6	-60.6	-207									
GSM1900	SAR				1.265								
	Axis				-29.5	65.5	-207						
WCDMA II	SAR				1.283								
	Axis				-31.1	64	-207						
WCDMA IV	SAR				1.283								
	Axis				-30.9	64.5	-207						
WCDMA V	SAR	0.738											
	Axis	-31.8	-61.7	-207									
LTE Band 7	SAR	1.227			1.290			0.082					
	Axis	-31.4	-61.6	-207	-28.2	66.4	-207	-26.7	53.1	-204			
LTE Band 12	SAR	0.818											
	Axis	-35.6	-61.3	-207									
LTE Band 13	SAR	0.653											
	Axis	-31.4	-61.5	-207									
LTE Band 14	SAR	0.606											
	Axis	-32.8	-62.5	-207									
LTE Band 25	SAR	1.283			1.284			0.281					
	Axis	-31.4	-66	-207	-27.9	68.5	-207	-26.1	53.2	-204			
LTE Band 26	SAR	0.898											
	Axis	-31.3	-63.1	-207									
LTE Band 30	SAR	0.499			1.281			0.260					
	Axis	-30.8	-63.5	-207	-27.4	69.2	-207	-20.2	50.1	-204			
LTE Band 66	SAR	1.269			1.286			0.433					
	Axis	-32.2	-65.2	-207	-31.1	65.5	-207	-24.5	52.8	-204			
LTE Band 71	SAR	1.151											
	Axis	-29.8	-64	-207									
LTE Band 41	SAR	1.289			1.282			0.350					
	Axis	-31.2	-65.8	-207	-29.8	65.8	-207	-20.8	51.9	-204			
LTE Band 42	SAR							0.076			1.287		
	Axis							-24.6	52.6	-204	-26.9	63.5	-207
LTE Band 48	SAR							0.102			1.291		
	Axis							-24.2	52	-204	-26.9	61.5	-207
FR1 n7	SAR	1.293			1.288			0.173					
	Axis	-30.4	-64	-207	-26.6	66.2	-207	-20.6	50.9	-204			
FR1 n12	SAR	0.382											
	Axis	-30.9	-65.3	-207									
FR1 n14	SAR	0.566											
	Axis	-30.3	-65.9	-207									
FR1 n25	SAR	0.572			1.277			0.452					
	Axis	-30	-69	-207	-27.9	61	-207	-23.3	51.5	-204			
FR1 n26	SAR	0.572											
	Axis	-31.1	-67.6	-207									
FR1 n30	SAR				1.269								
	Axis				-30.9	69.2	-207						
FR1 n66	SAR	1.285			1.295			0.447					
	Axis	-28.7	-61	-207	-30.6	66.2	-207	-24.1	51.3	-204			
FR1 n70	SAR	1.286			1.277			0.395					
	Axis	-30.6	-61.5	-207	-29.5	65.5	-207	-24.3	52.3	-204			
FR1 n71	SAR	0.618											
	Axis	-25.9	-63.5	-207									
FR1 n41	SAR	1.269			1.286			0.265					



FCC SAR Test Report

Report No. : FA4N2802

	Axis	-28.2	-64.4	-207	-27.4	67.4	-207	-23.5	50.2	-204			
FR1 n48	SAR							0.259			0.796		
	Axis							-24.2	53	-204	-30.9	65.3	-207
FR1 n77	SAR							0.197			1.279		
	Axis							-24.2	52	-204	-31.1	65.4	-207

Right Side 5mm								
Band		Ant0			Ant8			
GSM850	SAR	0.665						
	Axis	-26.2	71.5	-207				
GSM1900	SAR	0.289						
	Axis	-23.4	74.4	-207				
WCDMA II	SAR	0.370						
	Axis	-23.1	72.1	-207				
WCDMA IV	SAR	1.289						
	Axis	-29.7	73.5	-207				
WCDMA V	SAR	0.949						
	Axis	-25	71	-207				
LTE Band 7	SAR	1.269						
	Axis	-27.6	72.2	-207				
LTE Band 12	SAR	0.903						
	Axis	-26.4	71	-207				
LTE Band 13	SAR	0.737						
	Axis	-27.1	73	-207				
LTE Band 14	SAR	0.908						
	Axis	-25.9	73	-207				
LTE Band 25	SAR	0.426						
	Axis	-33.8	76.3	-207				
LTE Band 26	SAR	0.865						
	Axis	-31.6	75.2	-207				
LTE Band 30	SAR	1.294						
	Axis	-28.2	71.6	-207				
LTE Band 66	SAR	1.187						
	Axis	-30.8	78.1	-207				
LTE Band 71	SAR	0.898						
	Axis	-26.4	74	-207				
LTE Band 41	SAR	1.294						
	Axis	-27.6	72.2	-207				
LTE Band 42	SAR				1.297			
	Axis				-28.9	-59.3	-207	
LTE Band 48	SAR				1.297			
	Axis				-28.9	-59.4	-207	
FR1 n7	SAR	1.289						
	Axis	-27.1	74.8	-207				
FR1 n12	SAR	0.715						
	Axis	-29.1	72.3	-207				
FR1 n14	SAR	0.594						
	Axis	-31.3	73.8	-207				
FR1 n25	SAR	0.378						
	Axis	-35.9	79.3	-207				
FR1 n26	SAR	0.593						
	Axis	-31.1	72.7	-207				
FR1 n30	SAR	1.285						
	Axis	-30.6	74.4	-207				
FR1 n66	SAR	1.079						
	Axis	-34.2	73.7	-207				



FCC SAR Test Report

Report No. : FA4N2802

FR1 n70	SAR	1.293					
	Axis	-31.9	75.3	-207			
FR1 n71	SAR	0.613					
	Axis	-35.7	78.1	-207			
FR1 n41	SAR	1.277					
	Axis	-29.6	73.2	-207			
FR1 n48	SAR				1.278		
	Axis				-29.9	-59.5	-207
FR1 n77	SAR				1.285		
	Axis				-31.5	-59.9	-207

WLAN2.4GHz Ant6+7	SAR (W/kg)	1.406			BT Ant7	SAR (W/kg)	1.138		
	Axis	-26.7	-59.7	-207		Axis	-28.5	-52.8	-207
WLAN5GHz Ant5+7	SAR (W/kg)	1.152							
	Axis	-26.6	-61.8	-207					

<Body-worn>

Front 5mm																			
Band		Ant0			Ant1			Ant2			Ant3			Ant4			Ant5		
GSM850	SAR	0.572			0.563														
	Axis	18.5	-61.5	-204	-53.4	-82.1	-204												
GSM1900	SAR	0.419						1.139											
	Axis	3.4	-85.1	-204				-72.5	55.6	-207									
WCDMA II	SAR	1.113						1.276											
	Axis	3.4	-85.6	-204				-71.6	55.3	-207									
WCDMA IV	SAR	1.004						1.276											
	Axis	3.3	-86	-204				-71.5	55	-207									
WCDMA V	SAR	0.707			0.704														
	Axis	18.4	-61.4	-204	-53.3	-82.3	-204												
LTE Band 7	SAR	1.159			0.613			1.276			1.153								
	Axis	11	-64	-207	-52.2	-86.8	-207	-70.8	56.3	-207	-44.7	92.7	-207						
LTE Band 12	SAR	0.685			0.676														
	Axis	3.5	-85.8	-204	-53.6	-82.8	-204												
LTE Band 13	SAR	0.484			0.576														
	Axis	3.3	-84.2	-204	-52.3	-73.8	-204												
LTE Band 14	SAR	0.736			0.568														
	Axis	3.4	-83.6	-204	-52.9	-81.6	-204												
LTE Band 25	SAR	1.064			1.007			1.164			1.208								
	Axis	3.6	-85.3	-204	-52	-72	-204	-70.8	56	-207	-44.9	91.3	-207						
LTE Band 26	SAR	0.898			0.753														
	Axis	18.5	-61.3	-204	-53.5	-81.8	-204												
LTE Band 30	SAR	1.159			0.503			1.216			0.952								
	Axis	3.9	-80.6	-204	-61.5	-73.9	-204	-68	55.4	-207	-51.2	92.6	-207						
LTE Band 66	SAR	1.118			1.217			1.189			1.224								
	Axis	4.1	-81.2	-204	-52.6	-81.2	-204	-70.1	55	-207	-51.3	92.7	-207						
LTE Band 71	SAR	0.712			0.684														
	Axis	3.5	-87	-204	-61.3	-73.5	-204												
LTE Band 41	SAR	1.299			0.906			1.254			1.219								
	Axis	12	-72.8	-207	-64.2	-65	-207	-70	56.3	-207	-51.6	92.9	-207						
LTE Band 42	SAR										1.247			1.294			1.037		
	Axis										-51.5	91.5	-207	-70	59.5	-207	-6	90	-204
LTE Band 48	SAR										0.974			1.286			1.267		
	Axis										-50.5	91.5	-207	-70	60.5	-207	-7	91.2	-204
FR1 n7	SAR	1.231			1.025			1.295			1.101								
	Axis	12	-60.4	-207	-53.6	-85	-207	-66.6	56	-207	-51.6	91.8	-207						
FR1 n12	SAR	0.427			0.298														



FCC SAR Test Report

Report No. : FA4N2802

FR1 n14	Axis	4.3	-81.6	-204	-53.5	-71.8	-204												
	SAR	0.527			0.516														
FR1 n25	Axis	4.2	-81.3	-204	-53.1	-71.2	-204												
	SAR	0.990			1.101			1.273			1.229								
FR1 n26	Axis	3.5	-85.5	-204	-53	-71.6	-204	-68.5	56.3	-207	-56.9	93.8	-207						
	SAR	0.511			0.528														
FR1 n30	Axis	18.4	-61.4	-204	-55	-73.2	-204												
	SAR	0.930						1.269											
FR1 n66	Axis	4.1	-70.6	-204				-65.7	56.8	-207									
	SAR	1.093			1.203			1.283			1.294								
FR1 n70	Axis	4.1	-70.3	-204	-54	-69	-204	-67.2	58.5	-207	-57.9	94	-207						
	SAR	1.123			1.267			1.199			1.100								
FR1 n71	Axis	4.1	-73.3	-204	-53.6	-72.5	-204	-65.6	56.1	-207	-51	93	-207						
	SAR	0.386			0.372														
FR1 n41	Axis	4.2	-72.6	-204	-54.1	-71.6	-204												
	SAR	1.277			1.128			1.289			1.289								
FR1 n48	Axis	2.3	-84.5	-207	-64.1	-66	-207	-62	55.6	-207	-44.8	92.6	-207						
	SAR										1.163			1.291			1.003		
FR1 n77	Axis										-51.4	91.4	-207	-61.5	63.5	-207	-7.1	91.3	-204
	SAR										1.127			1.101			1.277		
	Axis										-51.3	91.6	-207	-63.1	65.4	-207	-6.9	90.8	-204
	SAR																0.939		
	Axis																	15.5	47.8
	SAR																0.935		
	Axis																	15.4	47.5
	SAR																		

WLAN2.4GHz Ant6+7	SAR (W/kg)	1.266			BT Ant7	SAR (W/kg)	0.941		
	Axis	13.6	59.6	-207		Axis	25.4	57.1	-207
WLAN5GHz Ant5+7	SAR (W/kg)	0.835							
	Axis	19.5	60.3	-207					

Back 5mm																						
Band		Ant0			Ant1			Ant2			Ant3			Ant4			Ant5			Ant8		
GSM850	SAR	0.684			0.687																	
	Axis	-65	-74.5	-207	9	-68	-207															
GSM1900	SAR	0.465						1.103														
	Axis	-58	-81	-207				10	59.2	-207												
WCDMA II	SAR	1.288						1.297														
	Axis	-58	-81	-207				10	61.2	-207												
WCDMA IV	SAR	1.220						1.232														
	Axis	-59.3	-76	-207				8	60.1	-207												
WCDMA V	SAR	0.806			0.854																	
	Axis	-65	-71.8	-207	8.3	-74.5	-207															
LTE Band 7	SAR	0.841			0.595			1.238			1.283											
	Axis	-63	-71.6	-207	8.2	-73.6	-207	11	61.9	-207	-9.6	89	-207									
LTE Band 12	SAR	0.786			0.836																	
	Axis	-61.3	-82	-207	11.7	-69.2	-207															
LTE Band 13	SAR	0.581			0.641																	
	Axis	-64.7	-73	-207	10	-70.5	-207															
LTE Band 14	SAR	0.824			0.635																	
	Axis	-67.4	-64.9	-207	9.5	-71.5	-207															
LTE Band 25	SAR	1.182			1.074			1.280			1.287											
	Axis	-58	-79.5	-207	14	-73.2	-207	9.2	63.5	-207	-7.5	89.8	-207									
LTE Band 26	SAR	0.958			0.901																	
	Axis	-60.8	-71.2	-207	12.5	-63.8	-207															
LTE Band 30	SAR	1.193			0.506			1.274			1.198											
	Axis	-53.6	-85	-207	6	-84.2	-207	8.5	61.5	-207	-4.9	90.9	-207									
LTE Band 66	SAR	1.272			1.270			1.268			1.273											
	Axis	-59.8	-77.1	-207	18.1	-65	-207	9.7	63.2	-207	-4.5	90.6	-207									
LTE Band	SAR	0.722			0.819																	

[illegible]

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<Extremity>

Front 0mm																			
Band		Ant0			Ant1			Ant2			Ant3			Ant4			Ant5		
GSM1900	SAR							1.470											
	Axis							-72.5	55.6	-207									
WCDMA II	SAR							1.470											
	Axis							-71.6	55.3	-207									
WCDMA IV	SAR	1.898						3.091											
	Axis	3.3	-86	-204				-71.5	55	-207									
LTE Band 7	SAR	1.402						2.295			1.293								
	Axis	11	-64	-207				-70.8	56.3	-207	-44.7	92.7	-207						
LTE Band 25	SAR	1.630			2.096			3.058			3.142								
	Axis	3.6	-85.3	-204	-52	-72	-204	-70.8	56	-207	-44.9	91.3	-207						
LTE Band 30	SAR							2.205			2.234								
	Axis							-68	55.4	-207	-51.2	92.6	-207						
LTE Band 66	SAR	2.361			2.093			2.841			1.893								
	Axis	4.1	-81.2	-204	-52.6	-81.2	-204	-70.1	55	-207	-51.3	92.7	-207						
LTE Band 41	SAR							2.436			2.187								
	Axis							-70	56.3	-207	-51.6	92.9	-207						
LTE Band 42	SAR										1.770			2.221			1.561		
	Axis										-51.5	91.5	-207	-70	59.5	-207	-6	90	-204
LTE Band 48	SAR										1.180			2.593					
	Axis										-50.5	91.5	-207	-70	60.5	-207		16	48
FR1 n7	SAR				1.800			2.307			1.830								
	Axis				-53.6	-85	-207	-66.6	56	-207	-51.6	91.8	-207						
FR1 n25	SAR	1.779			1.650			2.839			3.192								
	Axis	3.5	-85.5	-204	-53	-71.6	-204	-68.5	56.3	-207	-56.9	93.8	-207						
FR1 n30	SAR							2.380											
	Axis							-65.7	56.8	-207									
FR1 n66	SAR				1.686			3.003			2.389								
	Axis				-54	-69	-204	-67.2	58.5	-207	-57.9	94	-207						
FR1 n70	SAR				1.518			2.530			1.380								
	Axis				-53.6	-72.5	-204	-65.6	56.1	-207	-51	93	-207						
FR1 n41	SAR	1.735						2.471			2.329								
	Axis	2.3	-84.5	-207				-62	55.6	-207	-44.8	92.6	-207						
FR1 n48	SAR													2.732			1.981		
	Axis													-61.5	63.5	-207	-7.1	91.3	-204
FR1 n77	SAR										2.329			1.974			1.623		
	Axis										-51.3	91.6	-207	-63.1	65.4	-207	-6.9	90.8	-204

BT Ant7	SAR (W/kg)	2.037			NFC	SAR (W/kg)	0.001		
	Axis	25.4	57.1	-207		Axis	4.1	-71.1	-204
WLAN5GHz Ant5+7	SAR (W/kg)	1.655							
	Axis	19.5	60.3	-207					



Back 0mm																						
Band		Ant0			Ant1			Ant2			Ant3			Ant4			Ant5			Ant8		
GSM1900	SAR							1.316														
	Axis							10	79.2	-207												
WCDMA II	SAR	2.471						2.579														
	Axis	-58	-81	-207				10	81.2	-207												
WCDMA IV	SAR	1.849						2.852														
	Axis	-59.3	-76	-207				8	80.1	-207												
LTE Band 7	SAR	1.391						1.794			0.794											
	Axis	-63	-71.6	-207				11	81.9	-207	-9.6	89	-207									
LTE Band 25	SAR	1.897			2.715			3.161			2.185											
	Axis	-58	-79.5	-207	14	-83.2	-207	9.2	83.5	-207	-7.5	89.8	-207									
LTE Band 30	SAR							1.796			1.908											
	Axis							8.5	81.5	-207	-4.9	90.9	-207									
LTE Band 66	SAR	2.494			3.033			3.120			1.512											
	Axis	-59.8	-77.1	-207	18.1	-83	-207	9.7	83.2	-207	-4.5	90.6	-207									
LTE Band 41	SAR							1.445			1.238											
	Axis							10	81.8	-207	-7.3	90.9	-207									
LTE Band 42	SAR										1.536			1.422			0.843			1.101		
	Axis										-4.1	90.3	-207	13	68.9	-207	-27.5	88.5	-207	-67	46	-207
LTE Band 48	SAR										1.008			1.421						1.449		
	Axis										-10	93	-207	14	70.1	-207				-67.6	45.4	-207
FR1 n7	SAR							1.863			1.309											
	Axis							12	79.9	-207	-2.2	92.6	-207									
FR1 n25	SAR	1.848			2.409			2.526			2.284											
	Axis	-54.7	-84.3	-207	9.5	-84.2	-207	13	79.1	-207	1.1	89.7	-207									
FR1 n30	SAR							2.144														
	Axis							14	78.3	-207												
FR1 n66	SAR	1.409			2.400			2.756			1.877											
	Axis	-62.3	-72.5	-207	11.1	-79.5	-207	11	79.1	-207	1.2	89.9	-207									
FR1 n70	SAR	1.978			2.209			2.496			1.056											
	Axis	-57.8	-76.5	-207	10.5	-82.5	-207	12.2	80	-207	-2	91.3	-207									
FR1 n41	SAR	1.711						2.048			1.537											
	Axis	-65.3	-72.1	-207				12	81.3	-207	-8.1	89.1	-207									
FR1 n48	SAR										0.872			2.214			1.433			1.479		
	Axis										-8.5	89.5	-207	11	69.1	-207	-31	82	-207	-66.5	46.5	-207
FR1 n77	SAR										2.086			2.435			1.037			1.617		
	Axis										-0.5	80.5	-207	12	68.5	-207	-49.5	91	-207	-60.5	49.5	-207

WLAN5GHz Ant5+7	SAR (W/kg)	1.786			BT Ant7	SAR (W/kg)	1.369		
	Axis	-61.1	64.2	-207		Axis	-74.2	59.5	-207
NFC	SAR (W/kg)	0.016							
	Axis	-59.5	-80.2	-171					



Left Side 0mm									
Band		Ant1			Ant2			Ant4	
GSM1900	SAR				2.142				
	Axis				-29.5	87.5	-207		
WCDMA II	SAR				3.194				
	Axis				-31.1	87	-207		
WCDMA IV	SAR				3.184				
	Axis				-30.9	87.5	-207		
LTE Band 7	SAR	1.942			3.177				
	Axis	-31.4	-71.6	-207	-28.2	81.4	-207		
LTE Band 25	SAR	1.489			2.991				
	Axis	-31.4	-96	-207	-27.9	83.5	-207		
LTE Band 30	SAR				3.159				
	Axis				-27.4	84.2	-207		
LTE Band 66	SAR	1.508			2.974				
	Axis	-32.2	-85.2	-207	-31.1	86.5	-207		
LTE Band 41	SAR	2.301			3.190				
	Axis	-31.2	-75.8	-207	-29.8	81.8	-207		
LTE Band 42	SAR							3.172	
	Axis							-26.9	77.5 -207
LTE Band 48	SAR							3.186	
	Axis							-26.9	77.5 -207
FR1 n7	SAR	2.290			3.049				
	Axis	-30.4	-78	-207	-26.6	81.2	-207		
FR1 n25	SAR	1.348			2.793				
	Axis	-30	-99	-207	-27.9	84	-207		
FR1 n30	SAR				3.178				
	Axis				-30.9	84.2	-207		
FR1 n66	SAR	1.916			3.146				
	Axis	-28.7	-90	-207	-30.6	81.2	-207		
FR1 n70	SAR	1.394			2.877				
	Axis	-30.6	-91.5	-207	-29.5	84.5	-207		
FR1 n41	SAR	2.589			3.183				
	Axis	-28.2	-84.4	-207	-27.4	82.4	-207		
FR1 n48	SAR							3.160	
	Axis							-30.9	85.3 -207
FR1 n77	SAR							3.164	
	Axis							-31.1	85.4 -207

NFC	SAR (W/kg)	0.001		
	Axis	-25	-70	-204

18. Supplemental Tuner Tests Results

General Note:

1. This device implements impedance tuner (144 states) antenna tuning techniques in the GSM850/1900, WCDMA II/IV/V, LTE Band 2/4/5/7/12/13/14/17/25/26/30/66/71/38/41, and 5GNR n2/5/7/12/14/25/26/30/66/70/71/38/41 for ANT0.
2. This device implements impedance tuner (144 states) antenna tuning techniques in the GSM850, WCDMA V, LTE Band 2/4/5/7/12/13/14/17/25/26/30/66/71/38/41, and 5GNR n2/5/7/12/14/26/25/66/70/71/38/41 for ANT1.
3. This device implements impedance tuner (144 states) antenna tuning techniques in the LTE Band 2/4/25/66/38/41/42/48/43, and 5GNR n2/25/66/70/38/41/48/77/78 for ANT3.
4. LTE B17 / B5 / B4 / B2/B38/B43 SAR test was covered by LTE B12 / B26 / B66 / B25/B41/B48; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced.
5. 5GNR n2/ n5 /n38 /n78 SAR test was covered by 5GNR n25 / n26 / n41/n77; according to April 2015 TCB workshop, SAR test for overlapping NR bands can be reduced.
6. SAR is measured according to required procedures for each mode of operation with the dynamic tuner active, allowing the DUT to automatically tune and find the best impedance match. The auto-tune state determined by device during normal SAR measurement shall be verified and listed in the reported SAR results. This process is based on single point SAR evaluations to verify that the conditions leading to the largest SAR have been captured. The SAR probe shall remain stationary for the entire series of measurements. The functionality of the tuner configurations is checked to ensure that the tuned state corresponds to the maximum SAR for that particular transmission configuration.
7. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
8. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).
9. Per 2024, October TCBC Workshop titled "RF Exposure Updates", the following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions.
 - 1) The auto-tune is turned off, a different tune state (randomly, at least one) is selected, and the single SAR variation is recorded.
 - 2) The new value is expected to be less or equal to previously recorded max. SAR, within applicable tolerance margin)
 - 3) If the new value is larger than the previously recorded max. SAR (beyond the documented tolerance), then the auto-tune feature is deemed not suitable for compliance. The procedure and/or system may need to be rechecked to yield consistent results.
 - 4) The auto-tune is turned back on, and the previous maximum SAR value shall be recovered (documented tolerance is acceptable)
10. The operational decryption contains more information about the design and implementation of the dynamic antenna tuning.

18.1 Supplemental Tuner Head & Body SAR Results

Please refer to Appendix H.

Test Engineer : Martin Li, Varus Wang, Light Wang, Ricky Gu

19. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

20. References

- [1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"
- [2] ANSI/IEEE Std. C95.1-1992, "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz", September 1992
- [3] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
- [4] SPEAG DASY System Handbook
- [5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
- [7] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [8] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [9] FCC KDB 616217 D04 v01r02, "SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers", Oct 2015
- [10] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
- [11] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [12] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [13] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [14] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015

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