

Appendix E

Conducted RF Output Power

1 Conducted Power

1.1 Conducted Power of 2G/3G/4G Ant0

GSM 850 DSI3										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.94	32.81	33.03	33.80	-9.03	23.91	23.78	24.00	24.77
GPRS/EGPRS (GMSK)	1 TX Slot	32.85	32.56	32.95	33.80	-9.03	23.82	23.53	23.92	24.77
	2 TX Slots	30.59	30.51	30.89	31.80	-6.02	24.57	24.49	24.87	25.78
	3 TX Slots	29.05	29.01	29.31	30.30	-4.26	24.79	24.75	25.05	26.04
EGPRS (8PSK)	4 TX Slots	28.14	27.95	27.98	29.30	-3.01	25.13	24.94	24.97	26.29
	1 TX Slot	26.53	26.73	26.55	27.30	-9.03	17.50	17.70	17.52	18.27
	2 TX Slots	24.54	24.71	24.74	25.80	-6.02	18.52	18.69	18.72	19.78
	3 TX Slots	23.38	23.28	23.42	24.80	-4.26	19.12	19.02	19.16	20.54
DTM Multi-slot Class5	4 TX Slots	22.31	22.25	22.43	23.80	-3.01	19.30	19.24	19.42	20.79
	GSM 1Tx slot(GMSK)	30.27	30.40	30.34	31.80	-6.02	24.25	24.38	24.32	25.78
DTM Multi-slot Class9	GPRS 1Tx slot(GMSK)	29.97	30.32	30.29	31.80	-6.02	23.95	24.30	24.27	25.78
	GSM 1Tx slot(GMSK)	30.25	30.33	30.17	31.80	-6.02	24.23	24.31	24.15	25.78
DTM Multi-slot Class11	GPRS 1Tx slot(GMSK)	30.20	30.37	30.20	31.80	-6.02	24.18	24.35	24.18	25.78
	GSM 1Tx slot(GMSK)	28.72	28.78	28.75	30.30	-4.26	24.46	24.52	24.49	26.04
DTM Multi-slot Class5	GPRS 2Tx slot(GMSK)	28.81	28.86	28.81	30.30	-4.26	24.55	24.60	24.55	26.04
	GSM 1Tx slot(GMSK)	29.94	30.24	30.18	31.80	-6.02	23.92	24.22	24.16	25.78
DTM Multi-slot Class9	EGPRS 1Tx slot(8PSK)	24.11	24.22	24.05	25.80	-6.02	18.09	18.20	18.03	19.78
	GSM 1Tx slot(GMSK)	29.96	30.32	30.03	31.80	-6.02	23.94	24.30	24.01	25.78
DTM Multi-slot Class11	EGPRS 1Tx slot(8PSK)	24.09	24.28	23.99	25.80	-6.02	18.07	18.26	17.97	19.78
	GSM 1Tx slot(GMSK)	28.51	28.83	28.75	30.30	-4.26	24.25	24.57	24.49	26.04
	EGPRS 2Tx slot(8PSK)	23.20	23.23	23.07	24.80	-4.26	18.94	18.97	18.81	20.54

WCDMA Band V DSI3					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	17.89	17.93	17.87	19.50
	12.2kbps AMR	17.85	17.89	17.84	19.50
HSDPA	Subtest 1	17.36	17.37	17.37	18.50
	Subtest 2	17.32	17.35	17.20	18.50
	Subtest 3	17.12	17.12	17.19	18.50
	Subtest 4	17.15	17.17	17.28	18.50
HSUPA	Subtest 1	17.23	17.29	17.13	18.50
	Subtest 2	17.17	17.21	17.04	18.50
	Subtest 3	17.07	17.16	17.12	18.50
	Subtest 4	17.03	17.01	17.02	18.50
DC-HSDPA	Subtest 5	17.25	17.31	17.23	18.50
	Subtest 1	17.36	17.37	17.37	18.50
	Subtest 2	17.32	17.31	17.20	18.50
	Subtest 3	17.12	17.12	17.19	18.50
	Subtest 4	17.15	17.17	17.28	18.50

LTE Band 5 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	17.56	17.61	17.70	19.30
		1	2	17.63	17.41	17.62	19.30
		1	5	17.46	17.46	17.44	19.30
		3	0	17.61	17.39	17.53	19.30
		3	2	17.52	17.52	17.68	19.30
		3	3	17.41	17.53	17.55	19.30
	16QAM	6	0	17.56	17.49	17.53	19.30
		1	0	17.57	17.60	17.50	19.30
		1	2	17.44	17.51	17.56	19.30
		1	5	17.55	17.46	17.58	19.30
		3	0	17.64	17.60	17.47	19.30
		3	2	17.56	17.43	17.66	19.30
	64QAM	3	3	17.51	17.39	17.60	19.30
		6	0	17.64	17.48	17.60	19.30
		1	0	17.59	17.60	17.60	19.30
		1	2	17.49	17.63	17.56	19.30
		1	5	17.61	17.45	17.46	19.30
		3	0	17.50	17.69	17.60	19.30
	256QAM	3	2	17.57	17.50	17.49	19.30
		3	3	17.51	17.54	17.57	19.30
		6	0	17.45	17.52	17.51	19.30
		1	0	17.54	17.57	17.61	19.30
		1	2	17.60	17.67	17.57	19.30
		1	5	17.48	17.50	17.52	19.30
3MHz	QPSK	3	0	17.52	17.70	17.60	19.30
		3	2	17.59	17.57	17.58	19.30
		3	3	17.48	17.64	17.59	19.30
		6	0	17.58	17.64	17.62	19.30
		1	0	17.54	17.62	17.68	19.30
		1	7	17.62	17.44	17.55	19.30
	16QAM	1	14	17.45	17.54	17.45	19.30
		8	0	17.59	17.42	17.57	19.30
		8	4	17.53	17.47	17.69	19.30
		8	7	17.40	17.53	17.51	19.30
		15	0	17.55	17.50	17.60	19.30
		1	0	17.57	17.61	17.54	19.30
	64QAM	1	7	17.45	17.51	17.53	19.30
		1	14	17.58	17.53	17.55	19.30
		8	0	17.60	17.62	17.46	19.30
		8	4	17.59	17.42	17.60	19.30
		8	7	17.54	17.45	17.58	19.30
		15	0	17.64	17.57	17.55	19.30
	256QAM	1	0	17.55	17.62	17.66	19.30
		1	7	17.49	17.59	17.60	19.30
		1	14	17.62	17.42	17.52	19.30
		8	0	17.55	17.66	17.53	19.30
		8	4	17.57	17.53	17.48	19.30
		8	7	17.51	17.46	17.54	19.30
256QAM	15	0	17.54	17.53	17.60	19.30	
	1	0	17.64	17.56	17.61	19.30	
	1	7	17.56	17.68	17.57	19.30	
	1	14	17.54	17.54	17.58	19.30	
	8	0	17.48	17.70	17.57	19.30	
	8	4	17.53	17.58	17.60	19.30	
256QAM	8	7	17.51	17.54	17.53	19.30	
	15	0	17.57	17.66	17.52	19.30	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	17.60	17.63	17.71	19.30
		1	13	17.62	17.47	17.63	19.30
		1	24	17.53	17.46	17.36	19.30
		12	0	17.59	17.41	17.60	19.30
		12	6	17.57	17.48	17.67	19.30
		12	13	17.50	17.59	17.57	19.30
		25	0	17.49	17.52	17.52	19.30
	16QAM	1	0	17.59	17.64	17.53	19.30
		1	13	17.54	17.51	17.55	19.30
		1	24	17.56	17.52	17.56	19.30
		12	0	17.57	17.65	17.52	19.30
		12	6	17.66	17.47	17.59	19.30
		12	13	17.58	17.47	17.60	19.30
		25	0	17.61	17.54	17.52	19.30
	64QAM	1	0	17.63	17.63	17.67	19.30
		1	13	17.50	17.66	17.60	19.30
		1	24	17.54	17.51	17.47	19.30
		12	0	17.52	17.63	17.61	19.30
		12	6	17.51	17.50	17.51	19.30
		12	13	17.49	17.53	17.59	19.30
		25	0	17.48	17.51	17.58	19.30
	256QAM	1	0	17.60	17.49	17.52	19.30
		1	13	17.58	17.68	17.58	19.30
		1	24	17.47	17.55	17.58	19.30
		12	0	17.47	17.67	17.64	19.30
		12	6	17.61	17.58	17.55	19.30
		12	13	17.53	17.62	17.52	19.30
		25	0	17.56	17.62	17.53	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.57	17.60	17.75	19.30
		1	25	17.60	17.46	17.59	19.30
		1	49	17.50	17.50	17.41	19.30
		25	0	17.56	17.38	17.58	19.30
		25	13	17.54	17.49	17.64	19.30
		25	25	17.45	17.54	17.54	19.30
		50	0	17.53	17.51	17.57	19.30
	16QAM	1	0	17.60	17.62	17.52	19.30
		1	25	17.49	17.54	17.51	19.30
		1	49	17.53	17.49	17.54	19.30
		25	0	17.59	17.61	17.51	19.30
		25	13	17.61	17.46	17.61	19.30
		25	25	17.55	17.43	17.63	19.30
		50	0	17.59	17.52	17.56	19.30
	64QAM	1	0	17.60	17.61	17.62	19.30
		1	25	17.48	17.62	17.59	19.30
		1	49	17.58	17.47	17.48	19.30
		25	0	17.51	17.64	17.58	19.30
		25	13	17.56	17.49	17.52	19.30
		25	25	17.48	17.49	17.55	19.30
		50	0	17.50	17.48	17.55	19.30
	256QAM	1	0	17.59	17.52	17.56	19.30
		1	25	17.59	17.64	17.55	19.30
		1	49	17.51	17.51	17.54	19.30
		25	0	17.51	17.68	17.62	19.30
		25	13	17.57	17.54	17.56	19.30
		25	25	17.49	17.59	17.56	19.30
		50	0	17.60	17.63	17.57	19.30

LTE Band 12 DSI3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	23.64	23.58	23.56	25.00	
		1	2	23.53	23.70	23.60	25.00	
		1	5	23.38	23.42	23.48	25.00	
		3	0	23.45	23.50	23.49	25.00	
		3	2	23.50	23.57	23.58	25.00	
		3	3	23.54	23.56	23.46	25.00	
	16QAM	6	0	22.64	22.53	22.57	24.00	
		1	0	22.63	22.65	22.55	24.00	
		1	2	22.83	22.43	22.59	24.00	
		1	5	22.66	22.65	22.63	24.00	
		3	0	22.40	22.42	22.36	24.00	
		3	2	22.39	22.54	22.55	24.00	
	64QAM	3	3	22.43	22.63	22.49	24.00	
		6	0	21.59	21.37	21.55	23.00	
		1	0	21.64	21.61	21.67	23.00	
		1	2	21.72	21.67	21.71	23.00	
		1	5	21.52	21.52	21.42	23.00	
		3	0	21.41	21.49	21.39	23.00	
	256QAM	3	2	21.46	21.59	21.66	23.00	
		3	3	21.51	21.63	21.56	23.00	
		6	0	20.45	20.54	20.61	22.00	
		1	0	18.45	18.50	18.68	20.00	
		1	2	18.52	18.40	18.60	20.00	
		1	5	18.32	18.48	18.42	20.00	
	3MHz	QPSK	3	0	18.52	18.47	18.54	20.00
			3	2	18.62	18.65	18.38	20.00
			3	3	18.46	18.53	18.41	20.00
			6	0	18.42	18.50	18.35	20.00
1			0	23.64	23.59	23.61	25.00	
1			7	23.57	23.54	23.63	25.00	
16QAM		1	14	23.42	23.40	23.36	25.00	
		8	0	22.44	22.48	22.57	24.00	
		8	4	22.48	22.47	22.63	24.00	
		8	7	22.58	22.62	22.54	24.00	
		15	0	22.58	22.45	22.64	24.00	
		1	0	22.64	22.71	22.66	24.00	
64QAM		1	7	22.72	22.48	22.64	24.00	
		1	14	22.76	22.75	22.52	24.00	
		8	0	21.49	21.43	21.34	23.00	
		8	4	21.47	21.62	21.49	23.00	
		8	7	21.51	21.50	21.46	23.00	
		15	0	21.48	21.40	21.52	23.00	
256QAM		1	0	21.53	21.59	21.58	23.00	
		1	7	21.58	21.82	21.83	23.00	
		1	14	21.58	21.55	21.46	23.00	
		8	0	20.53	20.59	20.49	22.00	
		8	4	20.55	20.60	20.64	22.00	
		8	7	20.48	20.65	20.47	22.00	
256QAM		15	0	20.58	20.39	20.55	22.00	
		1	0	18.47	18.58	18.62	20.00	
		1	7	18.58	18.43	18.57	20.00	
		1	14	18.33	18.58	18.52	20.00	
	8	0	18.51	18.45	18.68	20.00		
	8	4	18.61	18.59	18.35	20.00		
256QAM	8	7	18.53	18.61	18.33	20.00		
	15	0	18.47	18.46	18.48	20.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23035	23095	23155		
5MHz	QPSK	1	0	23.60	23.53	23.56	25.00	
		1	13	23.47	23.66	23.59	25.00	
		1	24	23.38	23.51	23.41	25.00	
		12	0	22.38	22.58	22.52	24.00	
		12	6	22.53	22.54	22.49	24.00	
		12	13	22.60	22.60	22.49	24.00	
		25	0	22.55	22.58	22.53	24.00	
	16QAM	1	0	22.67	22.61	22.55	24.00	
		1	13	22.76	22.57	22.71	24.00	
		1	24	22.69	22.63	22.51	24.00	
		12	0	21.50	21.53	21.40	23.00	
		12	6	21.43	21.65	21.50	23.00	
		12	13	21.54	21.51	21.50	23.00	
		25	0	21.62	21.36	21.44	23.00	
	64QAM	1	0	21.60	21.54	21.66	23.00	
		1	13	21.71	21.79	21.73	23.00	
		1	24	21.58	21.45	21.49	23.00	
		12	0	20.50	20.61	20.48	22.00	
		12	6	20.62	20.51	20.58	22.00	
		12	13	20.59	20.61	20.45	22.00	
		25	0	20.51	20.43	20.53	22.00	
	256QAM	1	0	18.46	18.54	18.59	20.00	
		1	13	18.57	18.47	18.49	20.00	
		1	24	18.37	18.56	18.48	20.00	
		12	0	18.60	18.47	18.68	20.00	
		12	6	18.56	18.63	18.45	20.00	
		12	13	18.60	18.62	18.37	20.00	
		25	0	18.55	18.54	18.34	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	23.59	23.55	23.58	25.00	
		1	25	23.53	23.67	23.66	25.00	
		1	49	23.41	23.47	23.43	25.00	
		25	0	22.43	22.51	22.52	24.00	
		25	13	22.54	22.53	22.56	24.00	
		25	25	22.53	22.58	22.54	24.00	
		50	0	22.56	22.53	22.57	24.00	
	16QAM	1	0	22.62	22.67	22.63	24.00	
		1	25	22.79	22.50	22.64	24.00	
		1	49	22.68	22.69	22.56	24.00	
		25	0	21.45	21.49	21.41	23.00	
		25	13	21.46	21.61	21.53	23.00	
		25	25	21.47	21.57	21.47	23.00	
		50	0	21.54	21.38	21.52	23.00	
	64QAM	1	0	21.56	21.60	21.62	23.00	
		1	25	21.64	21.74	21.77	23.00	
		1	49	21.51	21.50	21.50	23.00	
		25	0	20.45	20.53	20.44	22.00	
		25	13	20.54	20.57	20.58	22.00	
		25	25	20.51	20.62	20.49	22.00	
		50	0	20.53	20.46	20.53	22.00	
	256QAM	1	0	18.42	18.50	18.60	20.00	
		1	25	18.53	18.40	18.57	20.00	
		1	49	18.36	18.50	18.48	20.00	
		25	0	18.55	18.43	18.62	20.00	
		25	13	18.56	18.59	18.43	20.00	
		25	25	18.54	18.58	18.40	20.00	
		50	0	18.49	18.47	18.40	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	23.59	23.55	23.58	25.00
			1	25	23.53	23.67	23.66	25.00
			1	49	23.41	23.47	23.43	25.00
25			0	22.43	22.51	22.52	24.00	
25			13	22.54	22.53	22.56	24.00	
25			25	22.53	22.58	22.54	24.00	
50			0	22.56	22.53	22.57	24.00	
16QAM		1	0	22.62	22.67	22.63	24.00	
		1	25	22.79	22.50	22.64	24.00	
		1	49	22.68	22.69	22.56	24.00	
		25	0	21.45	21.49	21.41	23.00	
		25	13	21.46	21.61	21.53	23.00	
		25	25	21.47	21.57	21.47	23.00	
		50	0	21.54	21.38	21.52	23.00	
64QAM		1	0	21.56	21.60	21.62	23.00	
		1	25	21.64	21.74	21.77	23.00	
		1	49	21.51	21.50	21.50	23.00	
		25	0	20.45	20.53	20.44	22.00	
		25	13	20.54	20.57	20.58	22.00	
		25	25	20.51	20.62	20.49	22.00	
		50	0	20.53	20.46	20.53	22.00	
256QAM		1	0	18.42	18.50	18.60	20.00	
		1	25	18.53	18.40	18.57	20.00	
		1	49	18.36	18.50	18.48	20.00	
		25	0	18.55	18.43	18.62	20.00	
		25	13	18.56	18.59	18.43	20.00	
		25	25	18.54	18.58	18.40	20.00	
		50	0	18.49	18.47	18.40	20.00	

LTE Band 13 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.76	23.64	23.75	25.00
		1	13	23.66	23.74	23.75	25.00
		1	24	23.71	23.69	23.68	25.00
		12	0	22.50	22.68	22.57	24.00
		12	6	22.56	22.55	22.62	24.00
		12	13	22.64	22.68	22.56	24.00
	16QAM	25	0	22.52	22.64	22.67	24.00
		1	0	22.66	22.56	22.59	24.00
		1	13	22.68	22.73	22.55	24.00
		1	24	22.79	22.65	22.73	24.00
		12	0	21.82	21.88	21.84	23.00
		12	6	22.00	22.01	21.98	23.00
	64QAM	12	13	22.00	21.88	21.95	23.00
		25	0	21.84	21.82	21.84	23.00
		1	0	22.01	22.17	22.14	23.00
		1	13	22.11	22.08	21.99	23.00
		1	24	21.91	21.96	21.95	23.00
		12	0	20.90	20.87	20.89	22.00
	256QAM	12	6	21.00	20.86	20.95	22.00
		12	13	20.83	21.00	20.85	22.00
		25	0	20.99	20.94	20.99	22.00
		1	0	18.77	18.85	18.70	20.00
		1	13	18.69	18.68	18.77	20.00
		1	24	18.56	18.59	18.73	20.00
10MHz	QPSK	12	0	18.70	18.60	18.59	20.00
		12	6	18.73	18.61	18.64	20.00
		12	13	18.68	18.66	18.62	20.00
		25	0	18.67	18.63	18.63	20.00
		1	0	/	23.79	/	25.00
		1	25	/	23.76	/	25.00
	16QAM	1	49	/	23.73	/	25.00
		25	0	/	22.65	/	24.00
		25	13	/	22.69	/	24.00
		25	25	/	22.63	/	24.00
		50	0	/	22.67	/	24.00
		1	0	/	22.63	/	24.00
	64QAM	1	25	/	22.70	/	24.00
		1	49	/	22.78	/	24.00
		25	0	/	21.67	/	23.00
		25	13	/	21.70	/	23.00
		25	25	/	21.67	/	23.00
		50	0	/	21.64	/	23.00
	256QAM	1	0	/	21.85	/	23.00
		1	25	/	21.81	/	23.00
		1	49	/	21.69	/	23.00
		25	0	/	20.65	/	22.00
		25	13	/	20.67	/	22.00
		25	25	/	20.65	/	22.00
256QAM	50	0	/	20.69	/	22.00	
	1	0	/	18.65	/	20.00	
	1	25	/	18.56	/	20.00	
	1	49	/	18.49	/	20.00	
	25	0	/	18.52	/	20.00	
	25	13	/	18.56	/	20.00	
256QAM	25	25	/	18.43	/	20.00	
	50	0	/	18.57	/	20.00	

LTE Band 17 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.63	23.60	23.60	25.00
		1	13	23.52	23.69	23.56	25.00
		1	24	23.54	23.38	23.44	25.00
		12	0	22.39	22.51	22.46	24.00
		12	6	22.49	22.47	22.51	24.00
		12	13	22.42	22.62	22.49	24.00
		25	0	22.51	22.56	22.55	24.00
	16QAM	1	0	22.50	22.52	22.42	24.00
		1	13	22.59	22.49	22.56	24.00
		1	24	22.65	22.51	22.46	24.00
		12	0	21.53	21.57	21.52	23.00
		12	6	21.63	21.63	21.49	23.00
		12	13	21.66	21.66	21.49	23.00
		25	0	21.54	21.51	21.54	23.00
	64QAM	1	0	21.50	21.51	21.51	23.00
		1	13	21.48	21.75	21.65	23.00
		1	24	21.50	21.62	21.67	23.00
		12	0	20.49	20.58	20.52	22.00
		12	6	20.58	20.62	20.64	22.00
		12	13	20.52	20.68	20.52	22.00
		25	0	20.62	20.36	20.64	22.00
	256QAM	1	0	18.46	18.64	18.68	20.00
		1	13	18.70	18.47	18.62	20.00
		1	24	18.46	18.63	18.63	20.00
12		0	18.69	18.53	18.69	20.00	
12		6	18.65	18.68	18.60	20.00	
12		13	18.55	18.77	18.55	20.00	
25		0	18.49	18.66	18.64	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.58	23.64	23.64	25.00
		1	25	23.55	23.61	23.61	25.00
		1	49	23.47	23.40	23.41	25.00
		25	0	22.38	22.48	22.47	24.00
		25	13	22.56	22.56	22.63	24.00
		25	25	22.50	22.61	22.51	24.00
		50	0	22.61	22.53	22.60	24.00
	16QAM	1	0	22.46	22.56	22.41	24.00
		1	25	22.64	22.46	22.50	24.00
		1	49	22.59	22.55	22.47	24.00
		25	0	21.51	21.56	21.53	23.00
		25	13	21.58	21.67	21.53	23.00
		25	25	21.62	21.68	21.53	23.00
		50	0	21.57	21.56	21.50	23.00
	64QAM	1	0	21.46	21.46	21.56	23.00
		1	25	21.52	21.70	21.70	23.00
		1	49	21.46	21.65	21.62	23.00
		25	0	20.45	20.56	20.49	22.00
		25	13	20.53	20.58	20.60	22.00
		25	25	20.54	20.64	20.54	22.00
		50	0	20.60	20.37	20.65	22.00
	256QAM	1	0	18.51	18.59	18.69	20.00
		1	25	18.66	18.48	18.66	20.00
		1	49	18.47	18.58	18.65	20.00
		25	0	18.73	18.50	18.65	20.00
		25	13	18.64	18.72	18.58	20.00
		25	25	18.50	18.72	18.60	20.00
		50	0	18.52	18.67	18.59	20.00

LTE Band 26 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.61	23.59	23.74	25.00
		1	2	23.73	23.76	23.64	25.00
		1	5	23.53	23.77	23.70	25.00
		3	0	23.76	23.75	23.71	25.00
		3	2	23.70	23.79	23.66	25.00
		3	3	23.69	23.76	23.70	25.00
	16QAM	6	0	22.59	22.67	22.46	24.00
		1	0	23.18	22.88	23.10	24.00
		1	2	23.36	22.94	22.86	24.00
		1	5	22.89	23.08	22.99	24.00
		3	0	22.88	22.89	22.87	24.00
		3	2	22.84	23.07	22.79	24.00
	64QAM	3	3	22.78	22.95	22.86	24.00
		6	0	21.68	21.74	21.64	23.00
		1	0	22.02	21.81	21.67	23.00
		1	2	21.71	21.61	21.63	23.00
		1	5	21.59	21.81	21.53	23.00
		3	0	21.63	21.68	21.65	23.00
	256QAM	3	2	21.59	21.76	21.78	23.00
		3	3	21.80	21.74	21.79	23.00
		6	0	20.49	20.61	20.73	22.00
		1	0	18.68	18.88	18.82	20.00
		1	2	18.98	18.72	18.61	20.00
		1	5	18.77	18.68	18.76	20.00
3MHz	QPSK	3	0	18.62	18.68	18.73	20.00
		3	2	18.71	18.58	18.66	20.00
		3	3	18.62	18.86	18.78	20.00
		6	0	18.48	18.58	18.68	20.00
		1	0	23.73	23.59	23.55	25.00
		1	7	23.67	23.67	23.54	25.00
	16QAM	1	14	23.65	23.80	23.65	25.00
		8	0	22.60	22.66	22.63	24.00
		8	4	22.68	22.70	22.57	24.00
		8	7	22.66	22.61	22.55	24.00
		15	0	22.60	22.60	22.63	24.00
		1	0	22.76	22.88	22.86	24.00
	64QAM	1	7	22.68	22.78	22.79	24.00
		1	14	22.63	22.69	22.86	24.00
		8	0	21.64	21.70	21.63	23.00
		8	4	21.67	21.72	21.69	23.00
		8	7	21.54	21.69	21.65	23.00
		15	0	21.69	21.74	21.67	23.00
	256QAM	1	0	21.69	21.74	21.83	23.00
		1	7	21.87	21.63	21.76	23.00
		1	14	21.73	21.98	21.56	23.00
		8	0	20.67	20.65	20.70	22.00
		8	4	20.76	20.69	20.72	22.00
		8	7	20.72	20.65	20.71	22.00
256QAM	15	0	20.67	20.61	20.75	22.00	
	1	0	18.50	18.88	18.86	20.00	
	1	7	18.85	18.55	18.70	20.00	
	1	14	18.79	18.78	18.83	20.00	
	8	0	18.65	18.65	18.66	20.00	
	8	4	18.67	18.74	18.56	20.00	
256QAM	8	7	18.70	18.53	18.68	20.00	
	15	0	18.69	18.69	18.78	20.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.73	23.67	23.63	25.00
		1	13	23.61	23.67	23.54	25.00
		1	24	23.64	23.82	23.55	25.00
		12	0	22.58	22.66	22.62	24.00
		12	6	22.61	22.68	22.67	24.00
		12	13	22.58	22.62	22.66	24.00
	16QAM	25	0	22.56	22.69	22.71	24.00
		1	0	22.76	22.79	22.76	24.00
		1	13	22.65	22.69	22.77	24.00
		1	24	22.56	22.78	22.79	24.00
		12	0	21.61	21.72	21.72	23.00
		12	6	21.66	21.73	21.59	23.00
	64QAM	12	13	21.52	21.62	21.71	23.00
		25	0	21.60	21.74	21.59	23.00
		1	0	21.72	21.74	21.83	23.00
		1	13	21.84	21.71	21.72	23.00
		1	24	21.62	21.94	21.48	23.00
		12	0	20.67	20.72	20.76	22.00
	256QAM	12	6	20.71	20.65	20.61	22.00
		12	13	20.76	20.65	20.75	22.00
		25	0	20.70	20.69	20.80	22.00
		1	0	18.52	18.78	18.79	20.00
		1	13	18.84	18.63	18.80	20.00
		1	24	18.69	18.70	18.85	20.00
10MHz	QPSK	12	0	18.55	18.71	18.65	20.00
		12	6	18.63	18.74	18.67	20.00
		12	13	18.68	18.57	18.60	20.00
		25	0	18.73	18.59	18.67	20.00
		1	0	23.74	23.59	23.61	25.00
		1	25	23.69	23.65	23.56	25.00
	16QAM	1	49	23.58	23.69	23.59	25.00
		25	0	22.59	22.57	22.62	24.00
		25	13	22.70	22.69	22.61	24.00
		25	25	22.59	22.64	22.56	24.00
		50	0	22.63	22.57	22.61	24.00
		1	0	22.74	22.87	22.76	24.00
	64QAM	1	25	22.67	22.78	22.76	24.00
		1	49	22.54	22.75	22.86	24.00
		25	0	21.62	21.70	21.61	23.00
		25	13	21.69	21.66	21.59	23.00
		25	25	21.61	21.61	21.69	23.00
		50	0	21.58	21.73	21.59	23.00
	256QAM	1	0	21.77	21.76	21.77	23.00
		1	25	21.86	21.73	21.76	23.00
		1	49	21.74	21.98	21.46	23.00
		25	0	20.58	20.74	20.72	22.00
		25	13	20.78	20.61	20.62	22.00
		25	25	20.68	20.65	20.78	22.00
QPSK	50	0	20.70	20.69	20.84	22.00	
	1	0	18.53	18.79	18.76	20.00	
	1	25	18.85	18.54	18.78	20.00	
	1	49	18.77	18.68	18.83	20.00	
	25	0	18.59	18.71	18.65	20.00	
	25	13	18.56	18.64	18.65	20.00	
16QAM	25	25	18.67	18.57	18.61	20.00	
	50	0	18.65	18.60	18.78	20.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.70	23.63	23.57	25.00
		1	38	23.63	23.62	23.60	25.00
		1	74	23.60	23.77	23.61	25.00
		36	0	22.64	22.60	22.67	24.00
		36	18	22.65	22.72	22.63	24.00
		36	39	22.61	22.59	22.61	24.00
		75	0	22.58	22.63	22.65	24.00
	16QAM	1	0	22.71	22.82	22.80	24.00
		1	38	22.62	22.74	22.82	24.00
		1	74	22.59	22.72	22.84	24.00
		36	0	21.59	21.66	21.67	23.00
		36	18	21.64	21.68	21.65	23.00
		36	39	21.57	21.67	21.67	23.00
		75	0	21.64	21.70	21.65	23.00
	64QAM	1	0	21.75	21.70	21.81	23.00
		1	38	21.82	21.68	21.78	23.00
		1	74	21.68	21.92	21.50	23.00
		36	0	20.61	20.70	20.74	22.00
		36	18	20.73	20.63	20.67	22.00
		36	39	20.70	20.61	20.73	22.00
		75	0	20.65	20.65	20.78	22.00
	256QAM	1	0	18.56	18.83	18.81	20.00
		1	38	18.79	18.57	18.76	20.00
		1	74	18.73	18.74	18.88	20.00
		36	0	18.61	18.69	18.63	20.00
		36	18	18.61	18.68	18.61	20.00
		36	39	18.64	18.59	18.66	20.00
		75	0	18.67	18.64	18.73	20.00

1.2 Conducted Power of 2G/3G/4G Ant1

GSM1900 DSI3										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel	512	661	810	Tune up	512		661	810	Tune up	
GSM(GMSK)	GSM	29.78	29.49	29.75	31.30	-9.03	20.75	20.46	20.72	22.27
GPRS/EGPRS (GMSK)	1 TX Slot	29.62	29.48	29.64	31.30	-9.03	20.59	20.45	20.61	22.27
	2 TX Slots	27.47	27.05	26.92	28.50	-6.02	21.45	21.03	20.90	22.48
	3 TX Slots	26.35	26.08	25.84	26.70	-4.26	22.09	21.82	21.58	22.44
	4 TX Slots	24.03	24.21	24.05	25.50	-3.01	21.02	21.20	21.04	22.49
EGPRS (8PSK)	1 TX Slot	25.31	25.96	25.47	26.80	-9.03	16.28	16.93	16.44	17.77
	2 TX Slots	24.02	24.44	23.96	25.30	-6.02	18.00	18.42	17.94	19.28
	3 TX Slots	22.81	22.45	22.75	24.30	-4.26	18.55	18.19	18.49	20.04
	4 TX Slots	21.18	20.92	21.22	22.80	-3.01	18.17	17.91	18.21	19.79
DTM Multi-slot Class5	GSM 1Tx slot(GMSK)	26.88	27.00	26.94	28.50	-6.02	20.86	20.98	20.92	22.48
	GPRS 1Tx slot(GMSK)	26.93	27.03	27.01	28.50	-6.02	20.91	21.01	20.99	22.48
DTM Multi-slot Class9	GSM 1Tx slot(GMSK)	26.86	26.99	26.95	28.50	-6.02	20.84	20.97	20.93	22.48
	GPRS 1Tx slot(GMSK)	26.93	27.00	26.99	28.50	-6.02	20.91	20.98	20.97	22.48
DTM Multi-slot Class11	GSM 1Tx slot(GMSK)	25.13	25.27	25.16	26.70	-4.26	20.87	21.01	20.90	22.44
	GPRS 2Tx slot(GMSK)	25.17	25.21	25.20	26.70	-4.26	20.91	20.95	20.94	22.44
DTM Multi-slot Class5	GSM 1Tx slot(GMSK)	27.10	27.13	27.11	28.50	-6.02	21.08	21.11	21.09	22.48
	EGPRS 1Tx slot(8PSK)	23.99	24.00	24.06	25.30	-6.02	17.97	17.98	18.04	19.28
DTM Multi-slot Class9	GSM 1Tx slot(GMSK)	27.18	27.20	27.21	28.50	-6.02	21.16	21.18	21.19	22.48
	EGPRS 1Tx slot(8PSK)	24.06	24.05	24.13	25.30	-6.02	18.04	18.03	18.11	19.28
DTM Multi-slot Class11	GSM 1Tx slot(GMSK)	25.23	25.27	25.16	26.70	-4.26	20.97	21.01	20.90	22.44
	EGPRS 2Tx slot(8PSK)	23.02	23.10	23.07	24.30	-4.26	18.76	18.84	18.81	20.04

WCDMA Band II DSI3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.21	18.32	18.31	19.50
	12.2kbps AMR	18.25	18.30	18.26	19.50
HSDPA	Subtest 1	17.07	17.24	17.13	18.50
	Subtest 2	17.04	17.21	17.05	18.50
	Subtest 3	17.01	17.15	17.08	18.50
	Subtest 4	16.96	17.10	16.98	18.50
HSUPA	Subtest 1	17.03	17.20	16.91	18.50
	Subtest 2	16.89	17.13	16.77	18.50
	Subtest 3	16.97	17.12	17.01	18.50
	Subtest 4	17.00	17.06	17.01	18.50
	Subtest 5	17.09	17.25	17.14	18.50
DC-HSDPA	Subtest 1	17.03	17.14	17.04	18.50
	Subtest 2	16.96	16.99	16.95	18.50
	Subtest 3	16.97	17.10	17.04	18.50
	Subtest 4	17.02	17.02	16.96	18.50

WCDMA Band IV DSI3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.15	19.25	19.22	20.00
	12.2kbps AMR	19.11	19.21	19.16	20.00
HSDPA	Subtest 1	18.04	18.10	18.13	19.00
	Subtest 2	17.98	17.97	17.88	19.00
	Subtest 3	17.92	17.99	18.01	19.00
	Subtest 4	17.42	17.49	17.51	19.00
HSUPA	Subtest 1	17.91	18.07	18.12	19.00
	Subtest 2	17.85	17.85	17.76	19.00
	Subtest 3	17.83	17.87	17.73	19.00
	Subtest 4	17.85	17.86	17.79	19.00
	Subtest 5	17.97	18.09	18.15	19.00
DC-HSDPA	Subtest 1	17.96	18.06	18.03	19.00
	Subtest 2	17.92	17.88	17.78	19.00
	Subtest 3	17.88	17.97	17.98	19.00
	Subtest 4	17.40	17.45	17.46	19.00

LTE Band 2 DS13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.73	20.98	20.66	22.00
		1	2	20.94	20.97	20.73	22.00
		1	5	20.84	20.89	20.75	22.00
		3	0	20.42	20.33	20.44	22.00
		3	2	20.62	20.41	20.39	22.00
		3	3	20.34	20.45	20.47	22.00
		6	0	20.21	20.34	20.40	22.00
	16QAM	1	0	20.44	20.41	20.32	22.00
		1	2	20.25	20.74	20.31	22.00
		1	5	20.38	20.35	20.16	22.00
		3	0	20.34	20.73	20.68	22.00
		3	2	20.58	20.73	20.62	22.00
		3	3	20.35	20.54	20.38	22.00
		6	0	20.53	20.67	20.56	22.00
	64QAM	1	0	20.42	20.55	20.74	22.00
		1	2	20.68	20.53	20.60	22.00
		1	5	20.63	20.56	20.52	22.00
		3	0	20.54	20.47	20.70	22.00
		3	2	20.57	20.45	20.56	22.00
		3	3	20.54	20.46	20.45	22.00
		6	0	20.50	20.66	20.38	22.00
	256QAM	1	0	18.70	18.57	18.63	20.00
		1	2	18.56	18.80	18.74	20.00
		1	5	18.59	18.55	18.62	20.00
3		0	18.43	18.58	18.47	20.00	
3		2	18.47	18.74	18.49	20.00	
3		3	18.53	18.59	18.48	20.00	
6		0	18.51	18.59	18.33	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.79	20.94	20.67	22.00
		1	7	20.78	20.97	20.64	22.00
		1	14	20.81	20.98	20.77	22.00
		8	0	20.44	20.27	20.36	22.00
		8	4	20.45	20.47	20.43	22.00
		8	7	20.44	20.39	20.44	22.00
		15	0	20.43	20.33	20.33	22.00
	16QAM	1	0	20.30	20.35	20.43	22.00
		1	7	20.40	20.73	20.20	22.00
		1	14	20.38	20.39	20.25	22.00
		8	0	20.49	20.78	20.72	22.00
		8	4	20.60	20.62	20.57	22.00
		8	7	20.43	20.50	20.47	22.00
		15	0	20.45	20.61	20.58	22.00
	64QAM	1	0	20.46	20.64	20.56	22.00
		1	7	20.59	20.54	20.57	22.00
		1	14	20.66	20.77	20.44	22.00
		8	0	20.41	20.50	20.69	22.00
		8	4	20.49	20.58	20.60	22.00
		8	7	20.53	20.42	20.47	22.00
		15	0	20.56	20.60	20.39	22.00
	256QAM	1	0	18.67	18.47	18.63	20.00
		1	7	18.56	18.57	18.50	20.00
		1	14	18.50	18.49	18.39	20.00
		8	0	18.31	18.58	18.50	20.00
		8	4	18.56	18.58	18.57	20.00
		8	7	18.59	18.67	18.37	20.00
		15	0	18.48	18.42	18.43	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.75	20.87	20.59	22.00
		1	13	20.87	20.95	20.64	22.00
		1	24	20.88	21.01	20.94	22.00
		12	0	20.39	20.46	20.39	22.00
		12	6	20.54	20.38	20.30	22.00
		12	13	20.40	20.65	20.34	22.00
		25	0	20.43	20.37	20.29	22.00
	16QAM	1	0	20.42	20.43	20.59	22.00
		1	13	20.18	20.72	20.19	22.00
		1	24	20.54	20.33	20.27	22.00
		12	0	20.39	20.77	20.60	22.00
		12	6	20.68	20.66	20.56	22.00
		12	13	20.38	20.54	20.38	22.00
		25	0	20.51	20.46	20.46	22.00
	64QAM	1	0	20.38	20.53	20.61	22.00
		1	13	20.80	20.68	20.54	22.00
		1	24	20.68	20.69	20.42	22.00
		12	0	20.43	20.59	20.67	22.00
		12	6	20.53	20.48	20.57	22.00
		12	13	20.43	20.55	20.50	22.00
		25	0	20.52	20.68	20.45	22.00
	256QAM	1	0	18.57	18.55	18.63	20.00
		1	13	18.50	18.70	18.57	20.00
		1	24	18.75	18.53	18.54	20.00
12		0	18.37	18.49	18.54	20.00	
12		6	18.61	18.62	18.56	20.00	
12		13	18.61	18.57	18.57	20.00	
25		0	18.56	18.48	18.39	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.70	20.73	20.57	22.00
		1	25	20.71	20.95	20.87	22.00
		1	49	20.81	20.96	20.79	22.00
		25	0	20.46	20.43	20.31	22.00
		25	13	20.47	20.34	20.33	22.00
		25	25	20.38	20.51	20.43	22.00
		50	0	20.19	20.37	20.43	22.00
	16QAM	1	0	20.26	20.48	20.33	22.00
		1	25	20.36	20.73	20.26	22.00
		1	49	20.47	20.26	20.22	22.00
		25	0	20.46	20.84	20.53	22.00
		25	13	20.67	20.59	20.47	22.00
		25	25	20.51	20.49	20.54	22.00
		50	0	20.37	20.47	20.49	22.00
	64QAM	1	0	20.39	20.73	20.76	22.00
		1	25	20.63	20.44	20.50	22.00
		1	49	20.59	20.66	20.46	22.00
		25	0	20.35	20.58	20.76	22.00
		25	13	20.54	20.44	20.38	22.00
		25	25	20.52	20.47	20.57	22.00
		50	0	20.49	20.71	20.32	22.00
	256QAM	1	0	18.56	18.59	18.70	20.00
		1	25	18.58	18.63	18.73	20.00
		1	49	18.61	18.46	18.51	20.00
25		0	18.34	18.61	18.60	20.00	
25		13	18.56	18.62	18.55	20.00	
25		25	18.65	18.53	18.49	20.00	
50		0	18.53	18.50	18.38	20.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.87	20.88	20.66	22.00
		1	38	20.80	20.88	20.88	22.00
		1	74	20.76	20.87	20.78	22.00
		36	0	20.49	20.37	20.45	22.00
		36	18	20.53	20.41	20.49	22.00
		36	39	20.50	20.55	20.39	22.00
		75	0	20.22	20.32	20.36	22.00
	16QAM	1	0	20.45	20.44	20.41	22.00
		1	38	20.14	20.69	20.34	22.00
		1	74	20.46	20.32	20.26	22.00
		36	0	20.39	20.79	20.72	22.00
		36	18	20.48	20.69	20.54	22.00
		36	39	20.42	20.57	20.49	22.00
		75	0	20.61	20.62	20.58	22.00
	64QAM	1	0	20.46	20.59	20.67	22.00
		1	38	20.72	20.59	20.51	22.00
		1	74	20.74	20.80	20.53	22.00
		36	0	20.36	20.48	20.69	22.00
		36	18	20.50	20.56	20.51	22.00
		36	39	20.62	20.57	20.48	22.00
		75	0	20.58	20.62	20.41	22.00
	256QAM	1	0	18.50	18.64	18.56	20.00
		1	38	18.60	18.58	18.67	20.00
		1	74	18.58	18.59	18.54	20.00
		36	0	18.47	18.60	18.63	20.00
		36	18	18.49	18.67	18.49	20.00
		36	39	18.49	18.66	18.56	20.00
		75	0	18.56	18.49	18.53	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.52	20.82	20.74	22.00
		1	50	20.80	20.71	20.61	22.00
		1	99	20.79	20.62	20.68	22.00
		50	0	20.47	20.41	20.47	22.00
		50	25	20.51	20.45	20.51	22.00
		50	50	20.47	20.51	20.46	22.00
		100	0	20.39	20.47	20.39	22.00
	16QAM	1	0	20.59	20.66	20.61	22.00
		1	50	20.56	20.68	20.54	22.00
		1	99	20.50	20.74	20.69	22.00
		50	0	20.39	20.45	20.70	22.00
		50	25	20.53	20.47	20.61	22.00
		50	50	20.46	20.51	20.47	22.00
		100	0	20.43	20.51	20.47	22.00
	64QAM	1	0	20.37	20.43	20.64	22.00
		1	50	20.67	20.78	20.55	22.00
		1	99	20.77	20.58	20.56	22.00
		50	0	20.43	20.38	20.55	22.00
		50	25	20.52	20.49	20.58	22.00
		50	50	20.41	20.43	20.44	22.00
		100	0	20.59	20.41	20.51	22.00
	256QAM	1	0	18.55	18.55	18.61	20.00
		1	50	18.56	18.78	18.63	20.00
		1	99	18.60	18.72	18.42	20.00
		50	0	18.40	18.61	18.50	20.00
		50	25	18.59	18.60	18.56	20.00
		50	50	18.57	18.72	18.49	20.00
		100	0	18.58	18.51	18.48	20.00

LTE Band 4 DSI3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	14.82	14.69	14.72	16.30	
		1	2	14.87	14.84	14.81	16.30	
		1	5	14.68	14.86	14.76	16.30	
		3	0	14.61	14.70	14.70	16.30	
		3	2	14.76	14.71	14.77	16.30	
		3	3	14.76	14.77	14.71	16.30	
	16QAM	6	0	14.76	14.56	14.78	16.30	
		1	0	14.74	14.76	14.66	16.30	
		1	2	14.71	14.71	14.72	16.30	
		1	5	14.48	14.71	14.60	16.30	
		3	0	14.51	14.56	14.61	16.30	
		3	2	14.82	14.64	14.60	16.30	
	64QAM	3	3	14.80	14.76	14.65	16.30	
		6	0	14.50	14.60	14.58	16.30	
		1	0	14.53	14.74	14.46	16.30	
		1	2	14.73	14.74	14.57	16.30	
		1	5	14.73	14.77	14.71	16.30	
		3	0	14.58	14.68	14.63	16.30	
	256QAM	3	2	14.64	14.61	14.62	16.30	
		3	3	14.64	14.65	14.72	16.30	
		6	0	14.66	14.44	14.70	16.30	
		1	0	14.62	14.62	14.73	16.30	
		1	2	14.63	14.77	14.68	16.30	
		1	5	14.73	14.75	14.88	16.30	
	3MHz	QPSK	3	0	14.70	14.56	14.55	16.30
			3	1	14.67	14.69	14.60	16.30
			3	3	14.74	14.65	14.73	16.30
			6	0	14.72	14.66	14.62	16.30
1			0	14.86	14.81	14.65	16.30	
1			7	14.88	14.85	14.82	16.30	
16QAM		1	14	14.64	14.79	14.78	16.30	
		8	0	14.59	14.68	14.78	16.30	
		8	4	14.78	14.75	14.66	16.30	
		8	7	14.72	14.79	14.72	16.30	
		15	0	14.80	14.66	14.73	16.30	
		1	0	14.64	14.80	14.65	16.30	
64QAM		1	7	14.61	14.76	14.71	16.30	
		1	14	14.56	14.76	14.58	16.30	
		8	0	14.61	14.66	14.61	16.30	
		8	4	14.72	14.58	14.62	16.30	
		8	7	14.84	14.73	14.66	16.30	
		15	0	14.50	14.58	14.50	16.30	
256QAM		1	0	14.50	14.68	14.56	16.30	
		1	7	14.64	14.79	14.70	16.30	
		1	14	14.74	14.77	14.68	16.30	
		8	0	14.56	14.66	14.67	16.30	
		8	4	14.72	14.52	14.61	16.30	
		8	7	14.77	14.55	14.63	16.30	
256QAM		15	0	14.73	14.47	14.73	16.30	
		1	0	14.66	14.62	14.76	16.30	
		1	7	14.56	14.74	14.69	16.30	
		1	14	14.68	14.83	14.81	16.30	
	8	0	14.66	14.52	14.61	16.30		
	8	4	14.70	14.62	14.67	16.30		
256QAM	8	7	14.70	14.68	14.58	16.30		
	15	0	14.63	14.72	14.65	16.30		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	14.89	14.75	14.74	16.30
		1	13	14.88	14.83	14.76	16.30
		1	24	14.70	14.87	14.72	16.30
		12	0	14.59	14.70	14.79	16.30
		12	6	14.74	14.69	14.70	16.30
		12	13	14.69	14.82	14.79	16.30
		25	0	14.82	14.55	14.76	16.30
	16QAM	1	0	14.76	14.71	14.58	16.30
		1	13	14.76	14.72	14.70	16.30
		1	24	14.63	14.60	14.61	16.30
		12	0	14.49	14.59	14.53	16.30
		12	6	14.70	14.62	14.69	16.30
		12	13	14.78	14.75	14.59	16.30
		25	0	14.52	14.66	14.52	16.30
	64QAM	1	0	14.56	14.69	14.55	16.30
		1	13	14.76	14.74	14.67	16.30
		1	24	14.73	14.87	14.62	16.30
		12	0	14.51	14.56	14.75	16.30
		12	6	14.77	14.59	14.56	16.30
		12	13	14.67	14.62	14.67	16.30
		25	0	14.58	14.50	14.61	16.30
	256QAM	1	0	14.66	14.63	14.83	16.30
		1	13	14.64	14.70	14.69	16.30
		1	24	14.80	14.78	14.87	16.30
		12	0	14.60	14.57	14.55	16.30
		12	6	14.63	14.67	14.66	16.30
		12	13	14.69	14.71	14.63	16.30
		25	0	14.67	14.61	14.55	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	14.75	14.77	14.68	16.30
		1	25	14.80	14.80	14.80	16.30
		1	49	14.68	14.89	14.78	16.30
		25	0	14.54	14.65	14.68	16.30
		25	13	14.68	14.76	14.72	16.30
		25	25	14.70	14.70	14.78	16.30
		50	0	14.81	14.63	14.73	16.30
	16QAM	1	0	14.74	14.75	14.74	16.30
		1	25	14.68	14.70	14.69	16.30
		1	49	14.47	14.76	14.61	16.30
		25	0	14.48	14.66	14.62	16.30
		25	13	14.67	14.67	14.62	16.30
		25	25	14.80	14.77	14.68	16.30
		50	0	14.46	14.66	14.58	16.30
	64QAM	1	0	14.59	14.62	14.46	16.30
		1	25	14.74	14.69	14.62	16.30
		1	49	14.81	14.80	14.59	16.30
		25	0	14.53	14.61	14.74	16.30
		25	13	14.68	14.65	14.67	16.30
		25	25	14.64	14.60	14.61	16.30
		50	0	14.71	14.46	14.74	16.30
	256QAM	1	0	14.67	14.58	14.78	16.30
		1	25	14.56	14.76	14.70	16.30
		1	49	14.71	14.75	14.81	16.30
		25	0	14.71	14.61	14.57	16.30
		25	13	14.65	14.73	14.65	16.30
		25	25	14.78	14.78	14.63	16.30
		50	0	14.70	14.58	14.55	16.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	14.86	14.76	14.69	16.30
		1	38	14.87	14.86	14.83	16.30
		1	74	14.74	14.81	14.74	16.30
		36	0	14.65	14.63	14.70	16.30
		36	18	14.70	14.68	14.80	16.30
		36	39	14.76	14.73	14.81	16.30
		75	0	14.76	14.59	14.73	16.30
	16QAM	1	0	14.70	14.70	14.61	16.30
		1	38	14.65	14.76	14.63	16.30
		1	74	14.52	14.72	14.56	16.30
		36	0	14.52	14.56	14.63	16.30
		36	18	14.78	14.69	14.59	16.30
		36	39	14.82	14.71	14.64	16.30
		75	0	14.51	14.56	14.55	16.30
	64QAM	1	0	14.50	14.60	14.53	16.30
		1	38	14.76	14.70	14.66	16.30
		1	74	14.68	14.75	14.61	16.30
		36	0	14.66	14.65	14.59	16.30
		36	18	14.76	14.59	14.65	16.30
		36	39	14.71	14.64	14.62	16.30
		75	0	14.65	14.46	14.69	16.30
	256QAM	1	0	14.62	14.57	14.74	16.30
		1	38	14.57	14.79	14.61	16.30
		1	74	14.77	14.85	14.78	16.30
36		0	14.57	14.56	14.60	16.30	
36		18	14.59	14.68	14.63	16.30	
36		39	14.72	14.63	14.67	16.30	
75		0	14.72	14.59	14.63	16.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	14.81	14.76	14.72	16.30
		1	50	14.88	14.87	14.84	16.30
		1	99	14.69	14.85	14.74	16.30
		50	0	14.58	14.68	14.75	16.30
		50	25	14.78	14.74	14.76	16.30
		50	50	14.76	14.73	14.71	16.30
		100	0	14.80	14.63	14.76	16.30
	16QAM	1	0	14.72	14.70	14.70	16.30
		1	50	14.68	14.72	14.68	16.30
		1	99	14.54	14.70	14.51	16.30
		50	0	14.57	14.57	14.60	16.30
		50	25	14.77	14.62	14.61	16.30
		50	50	14.80	14.74	14.63	16.30
		100	0	14.51	14.63	14.57	16.30
	64QAM	1	0	14.54	14.69	14.57	16.30
		1	50	14.74	14.76	14.68	16.30
		1	99	14.76	14.79	14.62	16.30
		50	0	14.63	14.65	14.68	16.30
		50	25	14.68	14.58	14.68	16.30
		50	50	14.69	14.59	14.67	16.30
		100	0	14.69	14.48	14.64	16.30
	256QAM	1	0	14.66	14.62	14.82	16.30
		1	50	14.58	14.73	14.65	16.30
		1	99	14.72	14.77	14.76	16.30
50		0	14.67	14.59	14.61	16.30	
50		25	14.64	14.64	14.61	16.30	
50		50	14.72	14.66	14.65	16.30	
100		0	14.65	14.68	14.62	16.30	

LTE Band 25 DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	20.73	20.85	20.80	22.00
		1	2	20.74	20.78	20.83	22.00
		1	5	20.84	20.77	20.88	22.00
		3	0	20.59	20.65	20.65	22.00
		3	2	20.56	20.70	20.68	22.00
		3	3	20.67	20.76	20.64	22.00
	16QAM	6	0	20.45	20.68	20.60	22.00
		1	0	20.65	20.71	20.75	22.00
		1	2	20.60	20.75	20.71	22.00
		1	5	20.51	20.67	20.81	22.00
		3	0	20.49	20.65	20.60	22.00
		3	2	20.60	20.65	20.69	22.00
	64QAM	3	3	20.51	20.80	20.73	22.00
		6	0	20.60	20.85	20.70	22.00
		1	0	20.53	20.58	20.57	22.00
		1	2	20.63	20.65	20.64	22.00
		1	5	20.59	20.79	20.67	22.00
		3	0	20.60	20.70	20.67	22.00
	264QAM	3	2	20.47	20.62	20.64	22.00
		3	3	20.47	20.73	20.72	22.00
		6	0	20.61	20.74	20.68	22.00
		1	0	18.81	18.90	18.89	20.00
		1	2	18.61	18.85	18.88	20.00
		1	5	18.71	18.86	18.89	20.00
3MHz	QPSK	3	0	18.80	18.95	18.87	20.00
		3	2	18.77	19.04	18.89	20.00
		3	3	18.75	18.84	18.83	20.00
		6	0	18.61	18.79	18.76	20.00
		1	0	20.63	20.81	20.79	22.00
		1	7	20.74	20.85	20.84	22.00
	16QAM	1	14	20.75	20.83	20.89	22.00
		8	0	20.54	20.77	20.68	22.00
		8	4	20.64	20.67	20.62	22.00
		8	7	20.59	20.60	20.74	22.00
		15	0	20.39	20.64	20.69	22.00
		1	0	20.57	20.73	20.64	22.00
	64QAM	1	7	20.63	20.67	20.76	22.00
		1	14	20.61	20.69	20.74	22.00
		8	0	20.53	20.68	20.55	22.00
		8	4	20.70	20.74	20.80	22.00
		8	7	20.66	20.66	20.69	22.00
		15	0	20.57	20.74	20.69	22.00
	264QAM	1	0	20.70	20.55	20.66	22.00
		1	7	20.65	20.69	20.62	22.00
		1	14	20.62	20.76	20.67	22.00
		8	0	20.52	20.66	20.67	22.00
		8	4	20.50	20.59	20.73	22.00
		8	7	20.54	20.66	20.68	22.00
264QAM	15	0	20.65	20.70	20.78	22.00	
	1	0	18.74	18.98	18.97	20.00	
	1	7	18.77	18.81	18.92	20.00	
	1	14	18.73	18.89	18.92	20.00	
	8	0	18.86	18.92	18.86	20.00	
	8	4	18.79	19.01	18.93	20.00	
264QAM	8	7	18.81	18.86	18.74	20.00	
	15	0	18.68	18.82	18.84	20.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	20.69	20.82	20.81	22.00
		1	13	20.80	20.88	20.88	22.00
		1	24	20.86	20.81	20.80	22.00
		12	0	20.55	20.68	20.67	22.00
		12	6	20.64	20.73	20.68	22.00
		12	13	20.58	20.64	20.62	22.00
		25	0	20.41	20.61	20.63	22.00
	16QAM	1	0	20.63	20.70	20.67	22.00
		1	13	20.60	20.81	20.73	22.00
		1	24	20.57	20.74	20.64	22.00
		12	0	20.55	20.70	20.62	22.00
		12	6	20.69	20.67	20.71	22.00
		12	13	20.52	20.71	20.70	22.00
		25	0	20.50	20.76	20.76	22.00
	64QAM	1	0	20.71	20.69	20.66	22.00
		1	13	20.60	20.76	20.74	22.00
		1	24	20.70	20.64	20.67	22.00
		12	0	20.56	20.71	20.75	22.00
		12	6	20.44	20.56	20.64	22.00
		12	13	20.55	20.73	20.71	22.00
		25	0	20.58	20.71	20.70	22.00
	264QAM	1	0	18.70	18.90	18.96	20.00
		1	13	18.72	18.76	18.84	20.00
		1	24	18.81	18.91	18.85	20.00
12		0	18.74	18.99	18.87	20.00	
12		6	18.74	19.01	18.85	20.00	
12		13	18.71	18.84	18.90	20.00	
25		0	18.71	18.89	18.84	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.73	20.81	20.79	22.00
		1	25	20.84	20.87	20.79	22.00
		1	49	20.81	20.76	20.80	22.00
		25	0	20.63	20.62	20.66	22.00
		25	13	20.66	20.63	20.65	22.00
		25	25	20.65	20.72	20.66	22.00
		50	0	20.42	20.57	20.63	22.00
	16QAM	1	0	20.63	20.80	20.72	22.00
		1	25	20.49	20.71	20.72	22.00
		1	49	20.48	20.58	20.75	22.00
		25	0	20.52	20.64	20.54	22.00
		25	13	20.59	20.69	20.72	22.00
		25	25	20.55	20.77	20.68	22.00
		50	0	20.60	20.72	20.76	22.00
	64QAM	1	0	20.62	20.58	20.59	22.00
		1	25	20.66	20.71	20.67	22.00
		1	49	20.61	20.61	20.76	22.00
		25	0	20.57	20.75	20.69	22.00
		25	13	20.47	20.51	20.61	22.00
		25	25	20.47	20.63	20.74	22.00
		50	0	20.64	20.76	20.79	22.00
	264QAM	1	0	18.84	18.97	18.87	20.00
		1	25	18.71	18.73	18.76	20.00
		1	49	18.86	18.99	18.95	20.00
		25	0	18.86	18.94	18.93	20.00
		25	13	18.70	18.97	18.91	20.00
		25	25	18.79	18.78	18.84	20.00
		50	0	18.70	18.80	18.84	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	20.72	20.82	20.81	22.00
		1	38	20.74	20.77	20.85	22.00
		1	74	20.80	20.79	20.78	22.00
		36	0	20.62	20.66	20.67	22.00
		36	18	20.71	20.72	20.68	22.00
		36	39	20.54	20.63	20.68	22.00
		75	0	20.50	20.68	20.61	22.00
	16QAM	1	0	20.64	20.66	20.68	22.00
		1	38	20.56	20.80	20.69	22.00
		1	74	20.58	20.68	20.66	22.00
		36	0	20.50	20.64	20.59	22.00
		36	18	20.66	20.70	20.72	22.00
		36	39	20.58	20.66	20.63	22.00
		75	0	20.52	20.71	20.73	22.00
	64QAM	1	0	20.71	20.61	20.69	22.00
		1	38	20.66	20.77	20.71	22.00
		1	74	20.63	20.72	20.75	22.00
		36	0	20.55	20.69	20.75	22.00
		36	18	20.52	20.53	20.66	22.00
		36	39	20.53	20.70	20.63	22.00
		75	0	20.63	20.70	20.62	22.00
	264QAM	1	0	18.73	18.94	18.93	20.00
		1	38	18.79	18.79	18.88	20.00
		1	74	18.74	18.85	18.94	20.00
		36	0	18.68	18.86	18.90	20.00
		36	18	18.77	19.03	18.86	20.00
		36	39	18.73	18.80	18.89	20.00
		75	0	18.57	18.83	18.87	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.72	20.82	20.81	22.00
		1	50	20.78	20.83	20.80	22.00
		1	99	20.80	20.80	20.82	22.00
		50	0	20.56	20.68	20.64	22.00
		50	25	20.61	20.67	20.65	22.00
		50	50	20.63	20.66	20.63	22.00
		100	0	20.41	20.57	20.64	22.00
	16QAM	1	0	20.56	20.75	20.66	22.00
		1	50	20.59	20.74	20.73	22.00
		1	99	20.52	20.64	20.67	22.00
		50	0	20.56	20.62	20.55	22.00
		50	25	20.61	20.66	20.73	22.00
		50	50	20.55	20.71	20.71	22.00
		100	0	20.56	20.74	20.68	22.00
	64QAM	1	0	20.76	20.56	20.58	22.00
		1	50	20.59	20.67	20.73	22.00
		1	99	20.61	20.72	20.72	22.00
		50	0	20.56	20.79	20.75	22.00
		50	25	20.54	20.64	20.60	22.00
		50	50	20.53	20.74	20.69	22.00
		100	0	20.58	20.72	20.71	22.00
	264QAM	1	0	18.78	18.96	18.90	20.00
		1	50	18.69	18.82	18.87	20.00
		1	99	18.82	18.91	18.91	20.00
		50	0	18.78	18.95	18.89	20.00
		50	25	18.75	18.94	18.84	20.00
		50	50	18.69	18.83	18.85	20.00
		100	0	18.62	18.90	18.77	20.00

LTE Band 66 DS13				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	14.79	14.70	14.76	16.30	
		1	2	14.91	14.66	14.85	16.30	
		1	5	14.84	14.84	14.81	16.30	
		3	0	14.56	14.53	14.71	16.30	
		3	1	14.70	14.59	14.62	16.30	
		3	3	14.64	14.71	14.71	16.30	
	16QAM	6	0	14.69	14.47	14.75	16.30	
		1	0	14.54	14.71	14.53	16.30	
		1	2	14.65	14.65	14.54	16.30	
		1	5	14.41	14.56	14.42	16.30	
		3	0	14.50	14.46	14.49	16.30	
		3	1	14.53	14.53	14.49	16.30	
	64QAM	3	3	14.71	14.69	14.51	16.30	
		6	0	14.43	14.51	14.39	16.30	
		1	0	14.36	14.64	14.46	16.30	
		1	2	14.65	14.61	14.61	16.30	
		1	5	14.70	14.69	14.59	16.30	
		3	0	14.57	14.60	14.51	16.30	
	256QAM	3	1	14.52	14.54	14.56	16.30	
		3	3	14.54	14.54	14.56	16.30	
		6	0	14.56	14.42	14.48	16.30	
		1	0	14.55	14.41	14.76	16.30	
		1	2	14.57	14.70	14.65	16.30	
		1	5	14.61	14.81	14.64	16.30	
	3MHz	QPSK	3	0	14.57	14.53	14.52	16.30
			3	1	14.58	14.59	14.57	16.30
			3	3	14.68	14.71	14.67	16.30
			6	0	14.64	14.55	14.48	16.30
1			0	14.81	14.76	14.69	16.30	
1			7	14.91	14.66	14.91	16.30	
16QAM	QPSK	1	14	14.77	14.80	14.79	16.30	
		8	0	14.45	14.47	14.64	16.30	
		8	4	14.70	14.58	14.75	16.30	
		8	7	14.67	14.75	14.70	16.30	
		15	0	14.77	14.49	14.73	16.30	
		1	0	14.58	14.77	14.46	16.30	
	16QAM	1	7	14.52	14.53	14.58	16.30	
		1	14	14.43	14.63	14.43	16.30	
		8	0	14.49	14.51	14.43	16.30	
		8	4	14.65	14.60	14.54	16.30	
		8	7	14.66	14.66	14.52	16.30	
		15	0	14.41	14.52	14.49	16.30	
64QAM	QPSK	1	0	14.37	14.53	14.41	16.30	
		1	7	14.58	14.61	14.53	16.30	
		1	14	14.73	14.69	14.60	16.30	
		8	0	14.56	14.57	14.55	16.30	
		8	4	14.57	14.49	14.56	16.30	
		8	7	14.53	14.56	14.54	16.30	
256QAM	15	0	14.52	14.43	14.56	16.30		
	1	0	14.51	14.56	14.75	16.30		
	1	7	14.56	14.67	14.62	16.30		
	1	14	14.57	14.68	14.65	16.30		
	8	0	14.48	14.59	14.50	16.30		
	8	4	14.47	14.60	14.53	16.30		
256QAM	8	7	14.62	14.71	14.53	16.30		
	15	0	14.54	14.62	14.50	16.30		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	14.75	14.74	14.70	16.30
		1	13	14.94	14.65	14.85	16.30
		1	24	14.83	14.80	14.85	16.30
		12	0	14.58	14.64	14.73	16.30
		12	6	14.62	14.60	14.63	16.30
		12	13	14.56	14.68	14.73	16.30
		25	0	14.72	14.49	14.66	16.30
	16QAM	1	0	14.62	14.73	14.52	16.30
		1	13	14.60	14.52	14.54	16.30
		1	24	14.43	14.48	14.45	16.30
		12	0	14.51	14.49	14.47	16.30
		12	6	14.70	14.52	14.57	16.30
		12	13	14.70	14.71	14.60	16.30
		25	0	14.41	14.48	14.46	16.30
	64QAM	1	0	14.46	14.50	14.42	16.30
		1	13	14.59	14.59	14.63	16.30
		1	24	14.78	14.60	14.59	16.30
		12	0	14.54	14.62	14.65	16.30
		12	6	14.47	14.49	14.61	16.30
		12	13	14.66	14.51	14.48	16.30
		25	0	14.53	14.37	14.53	16.30
	256QAM	1	0	14.57	14.47	14.77	16.30
		1	13	14.51	14.74	14.60	16.30
		1	24	14.50	14.75	14.68	16.30
12		0	14.54	14.59	14.47	16.30	
12		6	14.48	14.66	14.52	16.30	
12		13	14.65	14.71	14.58	16.30	
25		0	14.54	14.65	14.55	16.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	14.84	14.80	14.72	16.30
		1	25	15.00	14.72	14.87	16.30
		1	49	14.79	14.88	14.82	16.30
		25	0	14.54	14.59	14.65	16.30
		25	13	14.69	14.54	14.78	16.30
		25	25	14.68	14.74	14.76	16.30
		50	0	14.66	14.45	14.69	16.30
	16QAM	1	0	14.69	14.73	14.55	16.30
		1	25	14.57	14.62	14.66	16.30
		1	49	14.49	14.55	14.43	16.30
		25	0	14.47	14.45	14.55	16.30
		25	13	14.66	14.52	14.54	16.30
		25	25	14.63	14.65	14.59	16.30
		50	0	14.43	14.55	14.42	16.30
	64QAM	1	0	14.51	14.53	14.46	16.30
		1	25	14.66	14.56	14.61	16.30
		1	49	14.67	14.66	14.65	16.30
		25	0	14.46	14.62	14.60	16.30
		25	13	14.47	14.54	14.57	16.30
		25	25	14.59	14.55	14.48	16.30
		50	0	14.47	14.31	14.55	16.30
	256QAM	1	0	14.58	14.50	14.66	16.30
		1	25	14.60	14.69	14.67	16.30
		1	49	14.61	14.66	14.73	16.30
		25	0	14.59	14.64	14.53	16.30
		25	13	14.56	14.62	14.60	16.30
		25	25	14.51	14.65	14.52	16.30
		50	0	14.55	14.56	14.55	16.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	14.84	14.74	14.70	16.30
		1	38	14.86	14.73	14.88	16.30
		1	74	14.84	14.91	14.81	16.30
		36	0	14.48	14.61	14.66	16.30
		36	18	14.69	14.60	14.72	16.30
		36	39	14.68	14.69	14.68	16.30
		75	0	14.75	14.56	14.61	16.30
	16QAM	1	0	14.66	14.77	14.54	16.30
		1	38	14.55	14.67	14.61	16.30
		1	74	14.43	14.52	14.45	16.30
		36	0	14.47	14.51	14.54	16.30
		36	18	14.56	14.60	14.59	16.30
		36	39	14.69	14.64	14.62	16.30
		75	0	14.36	14.43	14.40	16.30
	64QAM	1	0	14.36	14.59	14.47	16.30
		1	38	14.64	14.69	14.56	16.30
		1	74	14.70	14.71	14.62	16.30
		36	0	14.55	14.60	14.51	16.30
		36	18	14.58	14.43	14.61	16.30
		36	39	14.66	14.51	14.56	16.30
		75	0	14.56	14.31	14.58	16.30
	256QAM	1	0	14.51	14.47	14.75	16.30
		1	38	14.55	14.77	14.69	16.30
		1	74	14.50	14.75	14.72	16.30
		36	0	14.49	14.59	14.52	16.30
		36	18	14.56	14.61	14.60	16.30
		36	39	14.63	14.57	14.58	16.30
		75	0	14.60	14.55	14.58	16.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	14.81	14.85	14.71	16.30
		1	50	14.88	14.88	14.82	16.30
		1	99	14.75	14.91	14.77	16.30
		50	0	14.71	14.72	14.69	16.30
		50	25	14.69	14.78	14.72	16.30
		50	50	14.75	14.71	14.68	16.30
		100	0	14.73	14.63	14.69	16.30
	16QAM	1	0	14.76	14.80	14.68	16.30
		1	50	14.71	14.71	14.70	16.30
		1	99	14.63	14.68	14.57	16.30
		50	0	14.57	14.61	14.55	16.30
		50	25	14.76	14.60	14.63	16.30
		50	50	14.78	14.77	14.75	16.30
		100	0	14.50	14.62	14.55	16.30
	64QAM	1	0	14.53	14.71	14.60	16.30
		1	50	14.75	14.80	14.66	16.30
		1	99	14.81	14.82	14.71	16.30
		50	0	14.61	14.63	14.72	16.30
		50	25	14.70	14.60	14.69	16.30
		50	50	14.77	14.64	14.65	16.30
		100	0	14.63	14.41	14.62	16.30
	256QAM	1	0	14.63	14.56	14.85	16.30
		1	50	14.62	14.85	14.77	16.30
		1	99	14.73	14.81	14.77	16.30
		50	0	14.59	14.66	14.68	16.30
		50	25	14.61	14.78	14.71	16.30
		50	50	14.67	14.75	14.70	16.30
		100	0	14.69	14.73	14.64	16.30

LTE Band 41 DS13				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	19.46	19.23	19.39	19.30	19.43	21.00
		1	13	19.47	19.21	19.40	19.18	19.42	21.00
		1	24	19.43	19.41	19.28	19.44	19.54	21.00
		12	0	19.42	19.28	19.24	19.29	19.42	21.00
		12	6	19.50	19.35	19.33	19.13	19.40	21.00
		12	13	19.39	19.24	19.40	19.29	19.33	21.00
	16QAM	25	0	19.43	19.37	19.37	19.23	19.34	21.00
		1	0	19.48	19.28	19.46	19.28	19.43	21.00
		1	13	19.45	19.37	19.39	19.01	19.41	21.00
		1	24	19.43	19.32	19.47	19.43	19.52	21.00
		12	0	19.37	19.22	19.33	19.21	19.48	21.00
		12	6	19.32	19.29	19.30	19.24	19.40	21.00
	64QAM	12	13	19.45	19.27	19.32	19.24	19.42	21.00
		25	0	19.38	19.47	19.31	19.45	19.16	21.00
		1	0	19.54	19.55	19.36	19.32	19.44	21.00
		1	13	19.33	19.58	19.57	19.57	19.65	21.00
		1	24	19.44	19.48	19.26	19.51	19.55	21.00
		12	0	19.44	19.37	19.22	19.18	19.26	21.00
	256QAM	12	6	19.38	19.51	19.20	19.40	19.33	21.00
		12	13	19.41	19.28	19.30	19.36	19.48	21.00
		25	0	19.45	19.31	19.24	19.36	19.29	21.00
		1	0	18.46	18.46	18.34	18.36	18.60	20.00
		1	13	18.57	18.40	18.40	18.33	18.40	20.00
		1	24	18.34	18.38	18.41	18.26	18.44	20.00
10MHz	QPSK	12	0	18.45	18.38	18.45	18.38	18.35	20.00
		12	6	18.45	18.31	18.25	18.15	18.50	20.00
		12	13	18.48	18.45	18.27	18.30	18.43	20.00
		25	0	18.43	18.44	18.22	18.34	18.36	20.00
		1	0	19.44	19.21	19.24	19.45	19.45	21.00
		1	25	19.43	19.30	19.28	19.33	19.49	21.00
	16QAM	1	49	19.28	19.33	19.16	19.46	19.39	21.00
		25	0	19.38	19.32	19.27	19.24	19.31	21.00
		25	13	19.52	19.32	19.33	19.25	19.30	21.00
		25	25	19.35	19.32	19.36	19.24	19.32	21.00
		50	0	19.39	19.37	19.37	19.28	19.31	21.00
		1	0	19.50	19.26	19.36	19.43	19.53	21.00
64QAM	1	25	19.48	19.43	19.47	19.02	19.38	21.00	
	1	49	19.29	19.41	19.53	19.30	19.50	21.00	
	25	0	19.34	19.35	19.29	19.23	19.47	21.00	
	25	13	19.39	19.25	19.24	19.28	19.48	21.00	
	25	25	19.37	19.26	19.36	19.24	19.40	21.00	
	50	0	19.49	19.47	19.24	19.45	19.18	21.00	
256QAM	1	0	19.65	19.58	19.29	19.26	19.45	21.00	
	1	25	19.33	19.50	19.65	19.50	19.75	21.00	
	1	49	19.42	19.46	19.24	19.39	19.50	21.00	
	25	0	19.37	19.30	19.30	19.20	19.35	21.00	
	25	13	19.48	19.53	19.18	19.45	19.38	21.00	
	25	25	19.45	19.40	19.23	19.26	19.35	21.00	
256QAM	50	0	19.43	19.31	19.24	19.32	19.40	21.00	
	1	0	18.54	18.41	18.28	18.34	18.61	20.00	
	1	25	18.55	18.54	18.48	18.38	18.39	20.00	
	1	49	18.40	18.44	18.33	18.25	18.38	20.00	
	25	0	18.49	18.46	18.37	18.29	18.37	20.00	
	25	13	18.53	18.31	18.30	18.25	18.39	20.00	
10MHz	256QAM	25	25	18.45	18.33	18.27	18.30	18.50	20.00
		50	0	18.47	18.35	18.19	18.24	18.29	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.37	19.15	19.28	19.42	19.48	21.00
		1	38	19.53	19.26	19.38	19.18	19.42	21.00
		1	74	19.40	19.31	19.26	19.33	19.41	21.00
		36	0	19.33	19.39	19.22	19.27	19.41	21.00
		36	18	19.49	19.35	19.40	19.26	19.42	21.00
		36	39	19.50	19.24	19.36	19.24	19.37	21.00
		75	0	19.41	19.44	19.31	19.24	19.31	21.00
	16QAM	1	0	19.44	19.18	19.34	19.43	19.44	21.00
		1	38	19.48	19.43	19.48	19.08	19.47	21.00
		1	74	19.36	19.32	19.58	19.36	19.52	21.00
		36	0	19.38	19.35	19.33	19.36	19.39	21.00
		36	18	19.30	19.31	19.23	19.19	19.46	21.00
		36	39	19.35	19.23	19.26	19.21	19.27	21.00
		75	0	19.49	19.44	19.22	19.34	19.24	21.00
	64QAM	1	0	19.62	19.48	19.35	19.37	19.40	21.00
		1	38	19.35	19.61	19.68	19.46	19.72	21.00
		1	74	19.47	19.45	19.26	19.49	19.52	21.00
		36	0	19.35	19.40	19.15	19.19	19.31	21.00
		36	18	19.48	19.53	19.29	19.35	19.39	21.00
		36	39	19.39	19.26	19.26	19.34	19.47	21.00
		75	0	19.34	19.26	19.26	19.43	19.26	21.00
	256QAM	1	0	18.46	18.40	18.28	18.32	18.49	20.00
		1	38	18.58	18.44	18.40	18.33	18.42	20.00
		1	74	18.41	18.39	18.30	18.30	18.42	20.00
		36	0	18.51	18.32	18.38	18.31	18.31	20.00
		36	18	18.43	18.45	18.36	18.23	18.40	20.00
		36	39	18.44	18.40	18.35	18.36	18.54	20.00
		75	0	18.45	18.43	18.31	18.24	18.32	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	19.44	19.18	19.31	19.37	19.50	21.00
		1	50	19.51	19.29	19.33	19.26	19.47	21.00
		1	99	19.36	19.37	19.24	19.39	19.47	21.00
		50	0	19.40	19.32	19.30	19.28	19.39	21.00
		50	25	19.45	19.30	19.39	19.20	19.36	21.00
		50	50	19.42	19.32	19.37	19.28	19.33	21.00
		100	0	19.44	19.36	19.31	19.27	19.35	21.00
	16QAM	1	0	19.44	19.22	19.38	19.36	19.49	21.00
		1	50	19.49	19.36	19.43	19.07	19.42	21.00
		1	99	19.36	19.39	19.50	19.35	19.48	21.00
		50	0	19.36	19.28	19.31	19.29	19.43	21.00
		50	25	19.38	19.32	19.30	19.20	19.40	21.00
		50	50	19.41	19.20	19.31	19.24	19.35	21.00
		100	0	19.44	19.45	19.29	19.37	19.23	21.00
	64QAM	1	0	19.57	19.56	19.31	19.34	19.44	21.00
		1	50	19.41	19.56	19.62	19.50	19.70	21.00
		1	99	19.49	19.42	19.22	19.44	19.50	21.00
		50	0	19.36	19.32	19.23	19.20	19.27	21.00
		50	25	19.43	19.46	19.25	19.41	19.32	21.00
		50	50	19.47	19.32	19.30	19.33	19.41	21.00
		100	0	19.38	19.28	19.23	19.37	19.34	21.00
	256QAM	1	0	18.54	18.42	18.33	18.37	18.54	20.00
		1	50	18.61	18.47	18.47	18.32	18.47	20.00
		1	99	18.36	18.36	18.37	18.23	18.38	20.00
		50	0	18.46	18.38	18.45	18.33	18.36	20.00
		50	25	18.51	18.37	18.32	18.22	18.42	20.00
		50	50	18.51	18.38	18.27	18.34	18.50	20.00
		100	0	18.43	18.36	18.27	18.30	18.31	20.00

Combination	Modulation	PCC						SCC					Power	tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	19.32	21.00
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	1	0	19.21	21.00
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	1	99	19.18	21.00
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	1	99	19.11	21.00

1.3 Conducted Power of 4G Sub Ant2

LTE Band 66 ENDC DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.71	15.47	15.55	16.50
		1	2	15.67	15.62	15.66	16.50
		1	5	15.57	15.71	15.70	16.50
		3	0	15.43	15.52	15.40	16.50
		3	1	15.49	15.56	15.60	16.50
		3	3	15.55	15.52	15.42	16.50
	16QAM	6	0	15.53	15.45	15.49	16.50
		1	0	15.48	15.45	15.45	16.50
		1	2	15.43	15.48	15.40	16.50
		1	5	15.38	15.46	15.29	16.50
		3	0	15.30	15.43	15.37	16.50
		3	1	15.58	15.42	15.47	16.50
	64QAM	3	3	15.54	15.47	15.40	16.50
		6	0	15.24	15.34	15.33	16.50
		1	0	15.29	15.43	15.38	16.50
		1	2	15.44	15.52	15.48	16.50
		1	5	15.54	15.53	15.45	16.50
		3	0	15.33	15.45	15.46	16.50
	256QAM	3	1	15.37	15.25	15.39	16.50
		3	3	15.41	15.38	15.46	16.50
		6	0	15.45	15.22	15.40	16.50
		1	0	15.38	15.38	15.65	16.50
		1	2	15.28	15.56	15.43	16.50
		1	5	15.45	15.62	15.56	16.50
3MHz	QPSK	3	0	15.32	15.35	15.33	16.50
		3	1	15.41	15.34	15.35	16.50
		3	3	15.50	15.49	15.50	16.50
		6	0	15.50	15.32	15.37	16.50
		1	0	15.65	15.53	15.58	16.50
		1	7	15.73	15.62	15.70	16.50
	16QAM	1	14	15.53	15.66	15.63	16.50
		8	0	15.37	15.47	15.40	16.50
		8	4	15.54	15.52	15.59	16.50
		8	7	15.55	15.55	15.46	16.50
		15	0	15.53	15.39	15.53	16.50
		1	0	15.48	15.47	15.38	16.50
	64QAM	1	7	15.41	15.45	15.37	16.50
		1	14	15.36	15.40	15.35	16.50
		8	0	15.27	15.37	15.38	16.50
		8	4	15.53	15.42	15.39	16.50
		8	7	15.63	15.52	15.39	16.50
		15	0	15.20	15.34	15.38	16.50
	256QAM	1	0	15.29	15.37	15.36	16.50
		1	7	15.45	15.44	15.40	16.50
		1	14	15.61	15.49	15.47	16.50
		8	0	15.28	15.45	15.45	16.50
		8	4	15.45	15.35	15.37	16.50
		8	7	15.45	15.37	15.48	16.50
QPSK	15	0	15.49	15.19	15.49	16.50	
	1	0	15.41	15.42	15.58	16.50	
	1	7	15.29	15.53	15.47	16.50	
	1	14	15.49	15.54	15.48	16.50	
	8	0	15.38	15.40	15.33	16.50	
	8	4	15.32	15.43	15.33	16.50	
16QAM	8	7	15.59	15.47	15.49	16.50	
	8	7	15.59	15.47	15.49	16.50	
	15	0	15.45	15.39	15.38	16.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	15.65	15.47	15.56	16.50
		1	13	15.70	15.62	15.73	16.50
		1	24	15.63	15.65	15.64	16.50
		12	0	15.34	15.53	15.41	16.50
		12	6	15.49	15.51	15.56	16.50
		12	13	15.57	15.49	15.45	16.50
		25	0	15.53	15.41	15.55	16.50
	16QAM	1	0	15.53	15.46	15.39	16.50
		1	13	15.43	15.48	15.43	16.50
		1	24	15.31	15.40	15.35	16.50
		12	0	15.28	15.35	15.40	16.50
		12	6	15.53	15.46	15.46	16.50
		12	13	15.55	15.47	15.44	16.50
		25	0	15.21	15.39	15.38	16.50
	64QAM	1	0	15.32	15.37	15.38	16.50
		1	13	15.48	15.47	15.43	16.50
		1	24	15.52	15.58	15.40	16.50
		12	0	15.28	15.43	15.47	16.50
		12	6	15.38	15.28	15.46	16.50
		12	13	15.45	15.32	15.42	16.50
		25	0	15.46	15.18	15.40	16.50
	256QAM	1	0	15.36	15.42	15.59	16.50
		1	13	15.35	15.49	15.46	16.50
		1	24	15.43	15.60	15.55	16.50
		12	0	15.33	15.40	15.34	16.50
		12	6	15.32	15.41	15.33	16.50
		12	13	15.52	15.47	15.47	16.50
		25	0	15.46	15.39	15.43	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	15.70	15.52	15.58	16.50
		1	25	15.71	15.63	15.70	16.50
		1	49	15.53	15.62	15.69	16.50
		25	0	15.36	15.52	15.40	16.50
		25	13	15.47	15.54	15.54	16.50
		25	25	15.48	15.47	15.48	16.50
		50	0	15.56	15.37	15.53	16.50
	16QAM	1	0	15.51	15.44	15.38	16.50
		1	25	15.36	15.49	15.46	16.50
		1	49	15.31	15.39	15.35	16.50
		25	0	15.22	15.39	15.40	16.50
		25	13	15.50	15.50	15.38	16.50
		25	25	15.60	15.54	15.45	16.50
		50	0	15.27	15.39	15.32	16.50
	64QAM	1	0	15.36	15.34	15.31	16.50
		1	25	15.53	15.48	15.40	16.50
		1	49	15.55	15.51	15.40	16.50
		25	0	15.36	15.42	15.50	16.50
		25	13	15.37	15.33	15.41	16.50
		25	25	15.45	15.32	15.48	16.50
		50	0	15.51	15.20	15.48	16.50
	256QAM	1	0	15.37	15.38	15.61	16.50
		1	25	15.36	15.47	15.40	16.50
		1	49	15.46	15.56	15.51	16.50
		25	0	15.39	15.39	15.32	16.50
		25	13	15.40	15.43	15.41	16.50
		25	25	15.55	15.53	15.49	16.50
		50	0	15.53	15.33	15.36	16.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	15.65	15.50	15.63	16.50
		1	38	15.66	15.55	15.71	16.50
		1	74	15.53	15.62	15.64	16.50
		36	0	15.41	15.43	15.40	16.50
		36	18	15.53	15.54	15.50	16.50
		36	39	15.48	15.53	15.48	16.50
		75	0	15.55	15.35	15.46	16.50
	16QAM	1	0	15.53	15.52	15.39	16.50
		1	38	15.42	15.44	15.43	16.50
		1	74	15.38	15.37	15.31	16.50
		36	0	15.27	15.42	15.34	16.50
		36	18	15.54	15.46	15.44	16.50
		36	39	15.60	15.48	15.46	16.50
		75	0	15.28	15.38	15.38	16.50
	64QAM	1	0	15.35	15.35	15.34	16.50
		1	38	15.53	15.53	15.46	16.50
		1	74	15.59	15.53	15.44	16.50
		36	0	15.26	15.35	15.50	16.50
		36	18	15.44	15.32	15.39	16.50
		36	39	15.43	15.31	15.47	16.50
		75	0	15.45	15.21	15.40	16.50
	256QAM	1	0	15.42	15.34	15.64	16.50
		1	38	15.26	15.47	15.42	16.50
		1	74	15.44	15.58	15.53	16.50
		36	0	15.40	15.43	15.35	16.50
		36	18	15.36	15.33	15.36	16.50
		36	39	15.59	15.51	15.48	16.50
		75	0	15.51	15.38	15.45	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	15.68	15.51	15.60	16.50
		1	50	15.60	15.59	15.65	16.50
		1	99	15.58	15.69	15.68	16.50
		50	0	15.38	15.48	15.43	16.50
		50	25	15.50	15.56	15.55	16.50
		50	50	15.52	15.51	15.47	16.50
		100	0	15.57	15.40	15.50	16.50
	16QAM	1	0	15.49	15.48	15.42	16.50
		1	50	15.39	15.46	15.41	16.50
		1	99	15.35	15.42	15.34	16.50
		50	0	15.26	15.40	15.36	16.50
		50	25	15.55	15.45	15.43	16.50
		50	50	15.59	15.49	15.43	16.50
		100	0	15.23	15.37	15.35	16.50
	64QAM	1	0	15.33	15.38	15.35	16.50
		1	50	15.49	15.49	15.45	16.50
		1	99	15.57	15.54	15.43	16.50
		50	0	15.31	15.40	15.48	16.50
		50	25	15.41	15.30	15.42	16.50
		50	50	15.46	15.35	15.43	16.50
		100	0	15.47	15.23	15.44	16.50
	256QAM	1	0	15.39	15.39	15.60	16.50
		1	50	15.31	15.51	15.44	16.50
		1	99	15.47	15.59	15.52	16.50
		50	0	15.35	15.38	15.31	16.50
		50	25	15.37	15.38	15.38	16.50
		50	50	15.54	15.50	15.46	16.50
		100	0	15.48	15.37	15.40	16.50

LTE Band 2 ENDC DSI3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	13.09	13.10	13.19	14.50
		1	2	13.19	13.17	13.17	14.50
		1	5	13.07	13.05	13.05	14.50
		3	0	13.02	13.22	13.10	14.50
		3	2	13.10	13.16	13.16	14.50
		3	3	13.05	13.05	13.01	14.50
		6	0	13.05	13.13	13.17	14.50
	16QAM	1	0	13.00	13.10	13.10	14.50
		1	2	13.21	13.13	13.17	14.50
		1	5	12.98	13.15	13.17	14.50
		3	0	13.11	13.06	13.00	14.50
		3	2	13.01	13.06	13.04	14.50
		3	3	13.17	13.11	13.21	14.50
		6	0	13.07	13.04	13.01	14.50
	64QAM	1	0	12.92	13.05	13.00	14.50
		1	2	13.17	13.05	13.08	14.50
		1	5	13.07	13.13	13.08	14.50
		3	0	13.08	13.02	13.01	14.50
		3	2	13.09	13.15	13.22	14.50
		3	3	12.94	13.02	12.94	14.50
		6	0	13.04	13.10	13.17	14.50
	256QAM	1	0	13.09	13.16	13.18	14.50
		1	2	13.21	13.07	13.11	14.50
		1	5	13.06	13.13	13.11	14.50
		3	0	13.14	13.11	12.99	14.50
		3	2	13.03	13.10	12.92	14.50
		3	3	12.91	13.06	13.05	14.50
		6	0	13.21	13.16	13.17	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	13.11	13.07	13.23	14.50
		1	7	13.24	13.20	13.19	14.50
		1	14	12.99	13.04	13.03	14.50
		8	0	13.06	13.13	13.13	14.50
		8	4	13.13	13.08	13.14	14.50
		8	7	13.09	13.11	13.09	14.50
		15	0	13.03	13.12	13.14	14.50
	16QAM	1	0	12.99	13.10	13.16	14.50
		1	7	13.16	13.14	13.20	14.50
		1	14	12.97	13.09	13.21	14.50
		8	0	13.10	13.02	13.00	14.50
		8	4	12.97	13.01	13.07	14.50
		8	7	13.19	13.15	13.15	14.50
		15	0	13.14	13.11	13.06	14.50
	64QAM	1	0	12.94	13.04	13.07	14.50
		1	7	13.20	13.12	13.07	14.50
		1	14	13.15	13.08	13.06	14.50
		8	0	13.07	13.09	13.03	14.50
		8	4	13.14	13.15	13.14	14.50
		8	7	13.00	13.07	12.88	14.50
		15	0	13.07	13.12	13.17	14.50
	256QAM	1	0	13.04	13.18	13.15	14.50
		1	7	13.14	13.12	13.10	14.50
		1	14	13.06	13.15	13.10	14.50
		8	0	13.11	13.11	13.03	14.50
		8	4	13.07	13.02	12.93	14.50
		8	7	12.91	13.00	13.03	14.50
		15	0	13.20	13.20	13.13	14.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	13.11	13.05	13.20	14.50
		1	13	13.15	13.17	13.25	14.50
		1	24	13.07	13.08	13.01	14.50
		12	0	13.04	13.14	13.11	14.50
		12	6	13.11	13.16	13.13	14.50
		12	13	13.11	13.09	13.09	14.50
		25	0	13.08	13.12	13.19	14.50
	16QAM	1	0	13.04	13.12	13.12	14.50
		1	13	13.21	13.16	13.14	14.50
		1	24	13.03	13.10	13.17	14.50
		12	0	13.10	13.01	13.08	14.50
		12	6	12.98	13.11	13.10	14.50
		12	13	13.21	13.08	13.12	14.50
		25	0	13.07	13.12	13.01	14.50
	64QAM	1	0	12.99	13.02	13.05	14.50
		1	13	13.20	13.08	13.03	14.50
		1	24	13.07	13.08	13.12	14.50
		12	0	13.06	13.10	13.01	14.50
		12	6	13.05	13.15	13.17	14.50
		12	13	12.97	13.05	12.97	14.50
		25	0	13.03	13.13	13.11	14.50
	256QAM	1	0	13.07	13.10	13.13	14.50
		1	13	13.12	13.06	13.07	14.50
		1	24	13.05	13.10	13.11	14.50
		12	0	13.07	13.05	13.02	14.50
		12	6	13.13	13.04	12.97	14.50
		12	13	12.98	13.08	13.07	14.50
		25	0	13.24	13.11	13.13	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	13.10	13.10	13.14	14.50
		1	25	13.19	13.16	13.14	14.50
		1	49	13.05	13.07	13.07	14.50
		25	0	13.02	13.16	13.07	14.50
		25	13	13.12	13.10	13.14	14.50
		25	25	13.05	13.12	13.08	14.50
		50	0	13.01	13.13	13.08	14.50
	16QAM	1	0	13.07	13.10	13.15	14.50
		1	25	13.18	13.19	13.15	14.50
		1	49	13.03	13.14	13.12	14.50
		25	0	13.09	13.09	13.02	14.50
		25	13	12.99	13.02	13.03	14.50
		25	25	13.21	13.09	13.15	14.50
		50	0	13.10	13.07	13.08	14.50
	64QAM	1	0	13.03	13.03	13.06	14.50
		1	25	13.14	13.13	13.06	14.50
		1	49	13.12	13.05	13.04	14.50
		25	0	13.13	13.11	13.05	14.50
		25	13	13.13	13.10	13.13	14.50
		25	25	13.01	13.07	12.92	14.50
		50	0	13.09	13.04	13.08	14.50
	256QAM	1	0	13.11	13.15	13.20	14.50
		1	25	13.10	13.13	13.15	14.50
		1	49	13.12	13.11	13.13	14.50
		25	0	13.18	13.14	13.05	14.50
		25	13	12.99	13.03	13.00	14.50
		25	25	12.98	13.09	13.03	14.50
		50	0	13.20	13.11	13.12	14.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	13.12	13.10	13.15	14.50
		1	38	13.22	13.17	13.21	14.50
		1	74	13.13	13.09	12.98	14.50
		36	0	13.07	13.22	13.01	14.50
		36	18	13.20	13.16	13.16	14.50
		36	39	13.06	13.07	13.05	14.50
		75	0	13.03	13.03	13.14	14.50
	16QAM	1	0	13.06	13.06	13.11	14.50
		1	38	13.11	13.12	13.15	14.50
		1	74	13.08	13.14	13.10	14.50
		36	0	13.14	13.05	13.09	14.50
		36	18	12.97	13.09	13.11	14.50
		36	39	13.16	13.15	13.15	14.50
		75	0	13.09	13.11	13.07	14.50
	64QAM	1	0	13.00	13.04	13.03	14.50
		1	38	13.10	13.07	13.12	14.50
		1	74	13.07	13.04	13.09	14.50
		36	0	13.07	13.10	13.05	14.50
		36	18	13.06	13.07	13.13	14.50
		36	39	12.95	13.00	12.98	14.50
		75	0	13.11	13.04	13.09	14.50
	256QAM	1	0	13.11	13.14	13.16	14.50
		1	38	13.16	13.09	13.13	14.50
		1	74	13.13	13.10	13.20	14.50
		36	0	13.15	13.13	13.00	14.50
		36	18	13.07	13.06	12.98	14.50
		36	39	13.04	13.02	13.06	14.50
		75	0	13.15	13.11	13.12	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	13.10	13.10	13.19	14.50
		1	50	13.20	13.21	13.20	14.50
		1	99	13.04	13.06	13.01	14.50
		50	0	13.06	13.18	13.10	14.50
		50	25	13.15	13.13	13.18	14.50
		50	50	13.07	13.09	13.05	14.50
		100	0	13.03	13.08	13.16	14.50
	16QAM	1	0	13.02	13.09	13.11	14.50
		1	50	13.17	13.14	13.15	14.50
		1	99	13.01	13.11	13.18	14.50
		50	0	13.12	13.05	13.04	14.50
		50	25	12.99	13.06	13.06	14.50
		50	50	13.19	13.12	13.16	14.50
		100	0	13.12	13.07	13.02	14.50
	64QAM	1	0	12.94	13.02	13.03	14.50
		1	50	13.19	13.10	13.06	14.50
		1	99	13.10	13.09	13.09	14.50
		50	0	13.10	13.07	13.00	14.50
		50	25	13.09	13.12	13.17	14.50
		50	50	12.96	13.02	12.92	14.50
		100	0	13.07	13.08	13.13	14.50
	256QAM	1	0	13.08	13.14	13.17	14.50
		1	50	13.17	13.11	13.12	14.50
		1	99	13.08	13.12	13.12	14.50
		50	0	13.10	13.09	13.01	14.50
		50	25	13.08	13.05	12.95	14.50
		50	50	12.95	13.04	13.08	14.50
		100	0	13.19	13.15	13.12	14.50

1.4 Conducted Power of 5G NR Ant0

NR N5 DSI3					Conducted Power(dBm)			
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					166800	167300	167800	
20MHz	15kHz	DFT-s-OFDM PI/2 BPSK	1	0	17.80	17.72	17.79	18.80
			1	1	17.80	17.86	17.80	18.80
			1	104	17.82	17.76	17.84	18.80
			1	105	17.65	17.69	17.68	18.80
			2	0	17.67	17.67	17.71	18.80
			2	104	17.75	17.74	17.73	18.80
			50	25	17.84	17.86	17.81	18.80
			100	0	17.76	17.85	17.79	18.80
		DFT-s-OFDM QPSK	1	0	17.80	17.74	17.71	18.80
			1	1	17.84	17.87	17.85	18.80
			1	104	17.82	17.75	17.84	18.80
			1	105	17.60	17.65	17.69	18.80
			2	0	17.64	17.71	17.72	18.80
			2	104	17.68	17.63	17.71	18.80
			50	25	17.78	17.89	17.78	18.80
			100	0	17.80	17.85	17.80	18.80
		DFT-s-OFDM 16QAM	1	1	17.79	17.66	17.86	18.80
		DFT-s-OFDM 64QAM	1	1	17.79	17.71	17.82	18.80
		DFT-s-OFDM 256QAM	1	1	17.68	17.62	17.76	18.80
		Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel
20MHz	15kHz	CP-OFDM QPSK	1	1	17.80	17.82	17.76	18.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	15kHz	DFT-s-OFDM QPSK	1	1	17.73	17.72	17.70	18.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	15kHz	DFT-s-OFDM QPSK	1	1	17.70	17.81	17.73	18.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	15kHz	DFT-s-OFDM QPSK	1	1	17.71	17.74	17.75	18.80

1.5 Conducted Power of 5G NR Ant1

N41 DSI3				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up	
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.20	17.25	17.32	17.21	17.20	18.30	
		1	137	16.90	16.91	16.98	16.93	16.94	18.30	
		1	271	17.20	17.26	17.21	17.15	17.21	18.30	
		135	0	17.11	17.12	17.05	17.04	16.98	18.30	
		135	69	17.03	16.94	17.01	16.98	16.91	18.30	
		135	138	16.89	16.89	16.99	17.01	16.98	18.30	
	DFT-s-OFDM QPSK	1	1	17.32	17.36	17.40	17.31	17.23	18.30	
		1	137	16.77	16.84	16.95	16.88	16.82	18.30	
		1	271	17.13	17.22	17.19	17.22	17.21	18.30	
		135	0	16.97	16.96	17.01	16.94	16.90	18.30	
		135	69	16.90	16.96	16.91	16.92	16.96	18.30	
		135	138	16.94	16.89	16.92	16.89	16.88	18.30	
	DFT-s-OFDM 16QAM	1	1	17.19	17.24	17.29	17.28	17.24	18.30	
	DFT-s-OFDM 64QAM	1	1	17.30	17.25	17.32	17.38	17.19	18.30	
	DFT-s-OFDM 256QAM	1	1	17.14	17.12	17.31	17.16	17.16	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
	100MHz	CP-OFDM QPSK	1	1	17.25	17.21	17.37	17.20	17.26	18.30
	Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.17	17.20	17.33	17.21	17.19	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	17.30	17.31	17.30	17.29	17.23	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 512400	Channel 518598	Channel 524796	Channel 531000	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	17.25	17.22	17.26	17.23	17.18	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	17.24	17.32	17.36	17.37	17.19	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	17.22	17.27	17.19	17.22	17.20	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	17.18	17.25	17.22	17.27	17.19	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	17.01	17.10	17.00	17.01	17.00	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	17.16	17.17	17.21	17.19	17.17	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509400	Channel 518598	Channel 527796	Channel 537000	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	17.15	17.13	17.25	17.17	17.10	18.30	

N66 DSI3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.26	15.21	15.26	16.30
		1	108	15.27	15.18	15.14	16.30
		1	214	15.26	15.19	15.22	16.30
		108	0	15.14	15.11	15.18	16.30
		108	54	15.05	14.99	15.04	16.30
		108	108	15.15	15.13	15.13	16.30
		216	0	15.12	15.19	15.12	16.30
	DFT-s-OFDM QPSK	1	1	15.26	15.27	15.25	16.30
		1	108	15.17	15.20	15.21	16.30
		1	214	15.24	15.25	15.26	16.30
		108	0	15.06	15.11	14.97	16.30
		108	54	15.12	15.25	15.20	16.30
		108	108	15.01	15.11	15.09	16.30
	216	0	15.16	15.15	15.16	16.30	
	DFT-s-OFDM 16QAM	1	1	15.21	15.21	15.23	16.30
	DFT-s-OFDM 64QAM	1	1	15.12	15.15	15.14	16.30
	DFT-s-OFDM 256QAM	1	1	15.16	15.24	15.22	16.30
	Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000
40MHz	CP-OFDM QPSK	1	1	15.19	15.19	15.11	16.30
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.28	15.12	15.27	16.30
Bandwidth	Modulation	RB size	RB offset	Channel 344500	Channel 349000	Channel 353500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	15.18	15.13	15.20	16.30
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.16	15.09	15.19	16.30
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.21	15.06	15.20	16.30
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.19	15.21	15.25	16.30
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	15.17	15.14	15.28	16.30

1.6 Conducted Power of 5G NR Ant6

N77 DSI3				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.96	/	17.00	
		1	137	/	15.82	/	17.00	
		1	271	/	15.83	/	17.00	
		135	0	/	15.94	/	17.00	
		135	69	/	15.88	/	17.00	
		135	138	/	15.87	/	17.00	
	DFT-s-OFDM QPSK	270	0	/	15.89	/	17.00	
		1	1	/	16.07	/	17.00	
		1	137	/	15.87	/	17.00	
		1	271	/	16.01	/	17.00	
		135	0	/	15.96	/	17.00	
		135	69	/	15.83	/	17.00	
	DFT-s-OFDM 16QAM	135	138	/	15.91	/	17.00	
		270	0	/	16.01	/	17.00	
		DFT-s-OFDM 16QAM	1	1	/	15.95	/	17.00
		DFT-s-OFDM 64QAM	1	1	/	15.94	/	17.00
DFT-s-OFDM 256QAM	1	1	/	15.97	/	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
100MHz	CP-OFDM QPSK	1	1	/	633334	/	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	633000	633334	633668	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	15.96	16.01	15.95	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	632668	633334	634000	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	15.99	16.00	16.00	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	632000	633334	634668	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	16.07	16.03	16.05	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	631668	633334	635000	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	0	0	15.96	15.97	16.01	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	0	0	631334	633334	635334	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	0	0	15.98	16.01	16.04	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	0	0	631000	633334	635668	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	0	0	16.01	16.04	15.97	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	0	0	630668	633334	636000	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	0	0	16.04	16.05	15.96	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	0	0	630334	633334	636334	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	0	0	16.04	15.99	16.07	17.00	

N77 DS13				Conducted Power(dBm)						
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.13	16.20	16.18	16.22	16.17	16.13	17.00
		1	137	16.15	16.15	16.09	16.14	16.17	16.09	17.00
		1	271	16.14	16.17	16.19	16.20	16.21	16.18	17.00
		135	0	15.93	16.04	15.98	16.01	16.06	16.03	17.00
		135	69	16.07	16.09	16.04	16.09	16.04	15.99	17.00
		135	138	16.14	16.15	16.07	16.07	16.03	16.11	17.00
	DFT-s-OFDM QPSK	1	1	16.10	16.14	16.22	16.09	16.03	16.05	17.00
		1	137	15.94	16.04	15.96	16.00	15.94	16.01	17.00
		1	271	16.11	16.15	16.21	16.15	16.12	16.08	17.00
		135	0	16.06	16.10	16.20	16.04	16.07	16.02	17.00
		135	69	15.91	15.94	15.95	15.95	15.94	15.99	17.00
		135	138	16.02	16.03	16.01	16.09	16.05	15.98	17.00
	DFT-s-OFDM 16QAM	1	1	16.00	16.13	16.15	16.12	16.10	16.17	17.00
		1	1	16.03	16.15	16.18	16.20	16.05	16.12	17.00
1		1	16.11	16.09	16.14	16.19	16.11	16.20	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	16.15	16.04	16.21	16.08	16.12	16.17	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.12	16.10	16.05	16.01	15.91	15.99	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.14	16.06	16.15	15.91	16.05	15.99	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.14	16.10	16.13	15.88	15.98	16.02	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.06	15.98	16.15	15.94	15.94	15.97	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.02	16.00	16.06	15.92	15.93	16.02	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 651000	Channel 654334	Channel 657668	Channel 661000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.12	16.00	16.09	15.99	16.07	16.03	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.03	15.97	16.10	15.97	15.98	15.96	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.16	16.07	16.14	16.01	16.02	16.02	17.00

1.7 Conducted Power of 5G NR 1T4R

NR N41 Ant 2 DSI3					Conducted Power(dBm)					
Bandwidth	SCS	Modulation	RB size	RB offset	SCS 30kHz					Tune up
					Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	15.68	15.86	15.79	15.67	15.68	16.70
			1	137	15.32	15.49	15.49	15.35	15.31	16.70
			1	271	15.48	15.61	15.53	15.47	15.61	16.70
			135	0	15.40	15.67	15.42	15.48	15.44	16.70
			135	69	15.44	15.52	15.38	15.43	15.29	16.70
			135	138	15.46	15.41	15.48	15.41	15.44	16.70
			270	0	15.54	15.52	15.51	15.37	15.39	16.70
		DFT-s-OFDM QPSK	1	1	15.74	15.94	15.86	15.75	15.69	16.70
			1	137	15.39	15.52	15.52	15.41	15.32	16.70
			1	271	15.58	15.66	15.57	15.58	15.68	16.70
			135	0	15.51	15.68	15.51	15.49	15.51	16.70
			135	69	15.45	15.54	15.46	15.44	15.39	16.70
			135	138	15.53	15.51	15.49	15.50	15.46	16.70
			270	0	15.55	15.62	15.57	15.47	15.48	16.70
DFT-s-OFDM 16QAM	1	1	15.68	15.83	15.74	15.61	15.58	16.70		
DFT-s-OFDM 64QAM	1	1	15.63	15.80	15.69	15.62	15.61	16.70		
DFT-s-OFDM 256QAM	1	1	15.66	15.82	15.68	15.60	15.56	16.70		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	15.70	15.92	15.80	15.72	15.66	16.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	15.68	15.90	15.77	15.74	15.67	16.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	15.68	15.89	15.84	15.71	15.57	16.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 506202	Channel 512400	Channel 518598	Channel 524796	Channel 531000	Tune up
70MHz	30kHz	DFT-s-OFDM QPSK	1	1	15.66	15.83	15.81	15.69	15.68	16.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	15.70	15.88	15.84	15.65	15.63	16.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	15.73	15.85	15.79	15.64	15.62	16.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	15.70	15.87	15.85	15.71	15.60	16.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	15.72	15.93	15.76	15.69	15.62	16.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	15.67	15.90	15.82	15.68	15.58	16.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 500202	Channel 509400	Channel 518598	Channel 527796	Channel 537000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	15.70	15.85	15.84	15.63	15.52	16.70

NR N41 Ant 3 DSI3					Conducted Power(dBm)					
					SCS 30kHz					
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					509202	513900	518598	523302	528000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	15.86	16.13	15.81	15.63	15.43	16.40
			1	137	15.57	15.43	15.21	15.06	14.81	16.40
			1	271	15.39	15.26	15.10	14.96	14.93	16.40
			135	0	15.68	15.71	15.51	15.20	15.15	16.40
			135	69	15.43	15.39	15.25	15.04	14.84	16.40
			135	138	15.44	15.33	15.12	15.00	14.77	16.40
		DFT-s-OFDM QPSK	1	1	15.96	16.18	15.87	15.73	15.51	16.40
			1	137	15.58	15.51	15.33	15.11	14.89	16.40
			1	271	15.48	15.37	15.15	15.08	15.02	16.40
			135	0	15.74	15.78	15.54	15.29	15.21	16.40
			135	69	15.55	15.48	15.34	15.14	14.93	16.40
			135	138	15.53	15.37	15.19	15.06	14.88	16.40
		DFT-s-OFDM 16QAM	1	1	15.90	16.03	15.72	15.63	15.42	16.40
			1	1	15.94	16.07	15.77	15.61	15.44	16.40
DFT-s-OFDM 256QAM	1	1	15.88	16.04	15.80	15.59	15.43	16.40		
	1	1	15.88	16.04	15.80	15.59	15.43	16.40		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	16.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	16.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	16.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	30kHz	DFT-s-OFDM QPSK	1	1	506202	512400	518598	524796	531000	16.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	16.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	16.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	16.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996	16.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998	16.40
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	500202	509400	518598	527796	537000	16.40

NR N41 Ant 4 DSI3					Conducted Power(dBm)							
SCS 30kHz												
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
					509202	513900	518598	523302	528000			
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	14.61	14.84	14.80	14.70	14.78	15.70		
			1	137	14.40	14.52	14.55	14.40	14.28	15.70		
			1	271	14.57	14.59	14.34	14.25	14.13	15.70		
			135	0	14.47	14.58	14.60	14.59	14.44	15.70		
			135	69	14.40	14.42	14.47	14.41	14.26	15.70		
			135	138	14.49	14.60	14.46	14.27	14.14	15.70		
		DFT-s-OFDM QPSK	1	1	14.67	14.89	14.83	14.80	14.83	15.70		
			1	137	14.49	14.54	14.61	14.48	14.31	15.70		
			1	271	14.66	14.71	14.46	14.32	14.21	15.70		
			135	0	14.52	14.72	14.65	14.67	14.53	15.70		
			135	69	14.47	14.53	14.51	14.50	14.32	15.70		
			135	138	14.60	14.66	14.49	14.38	14.22	15.70		
		DFT-s-OFDM 16QAM	1	1	14.49	14.81	14.70	14.70	14.72	15.70		
			1	1	14.51	14.77	14.72	14.72	14.65	15.70		
		DFT-s-OFDM 256QAM	1	1	14.50	14.83	14.68	14.71	14.63	15.70		
			1	1	14.50	14.83	14.68	14.71	14.63	15.70		
		Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
		100MHz	30kHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	15.70
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	15.70		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	15.70		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
70MHz	30kHz	DFT-s-OFDM QPSK	1	1	506202	512400	518598	524796	531000	15.70		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	15.70		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	15.70		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	15.70		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996	15.70		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998	15.70		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	500202	509400	518598	527796	537000	15.70		

NR n77 Ant 7 DSI3					Conducted Power(dBm)			
SCS 30kHz(3450~3550)								
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.47	/	12.50
			1	137	/	11.41	/	12.50
			1	271	/	11.45	/	12.50
			135	0	/	11.39	/	12.50
			135	69	/	11.41	/	12.50
			135	138	/	11.37	/	12.50
		DFT-s-OFDM QPSK	1	1	/	11.52	/	12.50
			1	137	/	11.33	/	12.50
			1	271	/	11.48	/	12.50
			135	0	/	11.45	/	12.50
			135	69	/	11.36	/	12.50
			135	138	/	11.40	/	12.50
		DFT-s-OFDM 16QAM	1	1	/	11.37	/	12.50
			1	1	/	11.39	/	12.50
			1	1	/	11.35	/	12.50
		DFT-s-OFDM 256QAM	1	1	/	11.35	/	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	/	633334	/	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	633000	633334	633668	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	632668	633334	634000	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	632000	633334	634668	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	631668	633334	635000	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	631334	633334	635334	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	631000	633334	635668	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	0	0	630668	633334	636000	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	0	0	630334	633334	636334	12.50

NR n77 Ant 7 DSI3					Conducted Power(dBm)						
SCS 30kHz(3700~3980)											
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					650000	652400	654800	657200	659600	662000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	11.45	11.58	11.76	11.66	11.70	11.41	12.50
			1	137	11.42	11.36	11.54	11.31	11.30	11.06	12.50
			1	271	11.38	11.56	11.54	11.50	11.24	10.93	12.50
			135	0	11.41	11.46	11.60	11.57	11.37	11.32	12.50
			135	69	11.39	11.41	11.43	11.39	11.29	11.23	12.50
			135	138	11.46	11.46	11.41	11.39	11.20	11.15	12.50
			270	0	11.41	11.56	11.52	11.54	11.32	11.20	12.50
		DFT-s-OFDM QPSK	1	1	11.54	11.61	11.74	11.71	11.72	11.51	12.50
			1	137	11.28	11.41	11.49	11.41	11.35	11.10	12.50
			1	271	11.52	11.56	11.51	11.46	11.29	11.01	12.50
			135	0	11.44	11.51	11.58	11.57	11.45	11.27	12.50
			135	69	11.32	11.50	11.52	11.41	11.31	11.19	12.50
			135	138	11.39	11.49	11.50	11.44	11.22	11.10	12.50
			270	0	11.42	11.56	11.53	11.50	11.36	11.22	12.50
DFT-s-OFDM 16QAM	1	1	11.45	11.55	11.60	11.59	11.66	11.44	12.50		
	1	1	11.48	11.53	11.63	11.64	11.58	11.42	12.50		
	1	1	11.41	11.48	11.59	11.63	11.67	11.39	12.50		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	11.52	11.42	11.59	11.61	11.58	11.45	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.50	11.58	11.70	11.66	11.68	11.43	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.42	11.53	11.67	11.69	11.59	11.38	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.50	11.49	11.62	11.64	11.57	11.49	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.44	11.57	11.69	11.60	11.54	11.50	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.39	11.52	11.63	11.66	11.70	11.41	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647668	Channel 651000	Channel 654334	Channel 657668	Channel 661000	Channel 664332	Tune up
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.48	11.47	11.50	11.68	11.59	11.38	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.40	11.51	11.55	11.60	11.63	11.44	12.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.43	11.62	11.60	11.67	11.59	11.46	12.50

NR n77 Ant4 DSI3					Conducted Power(dBm)			
SCS 30kHz(3450~3550)								
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.58	/	14.80
			1	137	/	14.49	/	14.80
			1	271	/	14.50	/	14.80
			135	0	/	14.47	/	14.80
			135	69	/	14.50	/	14.80
			135	138	/	14.52	/	14.80
		270	0	/	14.43	/	14.80	
		DFT-s-OFDM QPSK	1	1	/	14.63	/	14.80
			1	137	/	14.38	/	14.80
			1	271	/	14.51	/	14.80
			135	0	/	14.55	/	14.80
			135	69	/	14.41	/	14.80
			135	138	/	14.39	/	14.80
		270	0	/	14.48	/	14.80	
		DFT-s-OFDM 16QAM	1	1	/	14.48	/	14.80
		DFT-s-OFDM 64QAM	1	1	/	14.49	/	14.80
		DFT-s-OFDM 256QAM	1	1	/	14.52	/	14.80
		Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel
100MHz	30kHz	CP-OFDM QPSK	1	1	/	633334	/	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	633000	633334	633668	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	632668	633334	634000	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	632000	633334	634668	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	631668	633334	635000	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	631334	633334	635334	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	631000	633334	635668	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	0	0	630668	633334	636000	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	0	0	630334	633334	636334	14.80

NR n77 Ant4 DSI3					Conducted Power(dBm)						
SCS 30kHz(3700~3980)											
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					650000	652400	654800	657200	659600	662000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	14.39	13.34	13.22	13.20	13.50	13.40	14.80
			1	137	14.15	13.04	13.04	13.06	13.04	13.09	14.80
			1	271	14.39	13.33	13.02	13.05	13.05	13.03	14.80
			135	0	14.25	13.06	13.11	13.05	13.25	13.24	14.80
			135	69	14.10	13.08	13.07	13.07	13.03	13.06	14.80
			135	138	14.16	13.17	13.02	13.08	13.02	13.07	14.80
		DFT-s-OFDM QPSK	1	1	14.47	13.39	13.17	13.29	13.48	13.43	14.80
			1	137	14.11	13.08	13.03	13.01	13.02	13.07	14.80
			1	271	14.38	13.28	13.06	13.00	13.01	13.05	14.80
			135	0	14.28	13.07	13.10	13.02	13.28	13.21	14.80
			135	69	14.19	13.05	13.04	13.04	13.11	13.06	14.80
			135	138	14.22	13.14	13.11	13.01	13.06	13.04	14.80
		DFT-s-OFDM 16QAM	1	1	14.32	13.09	13.03	13.13	13.09	13.34	14.80
			1	1	14.39	13.06	13.08	13.16	13.19	13.40	14.80
1	1		14.34	13.17	13.05	13.21	13.20	13.36	14.80		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	14.42	13.35	13.16	13.26	13.42	13.41	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.35	13.32	13.06	13.21	13.41	13.35	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.29	13.30	13.11	13.20	13.40	13.40	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.31	13.28	13.06	13.19	13.38	13.32	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.39	13.33	13.12	13.25	13.35	13.31	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.40	13.31	13.10	13.20	13.37	13.28	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647668	Channel 651000	Channel 654334	Channel 657668	Channel 661000	Channel 664332	Tune up
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.36	13.36	13.15	13.22	13.40	13.29	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.28	13.25	13.14	13.21	13.42	13.31	14.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.31	13.29	13.14	13.22	13.45	13.36	14.80

NR n77 Ant3 DSI3					Conducted Power(dBm)			
SCS 30kHz(3450~3550)								
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.59	/	12.80
			1	137	/	12.11	/	12.80
			1	271	/	12.03	/	12.80
			135	0	/	12.40	/	12.80
			135	69	/	12.26	/	12.80
			135	138	/	12.21	/	12.80
			270	0	/	12.31	/	12.80
		DFT-s-OFDM QPSK	1	1	/	12.64	/	12.80
			1	137	/	12.07	/	12.80
			1	271	/	11.99	/	12.80
			135	0	/	12.41	/	12.80
			135	69	/	12.15	/	12.80
			135	138	/	12.12	/	12.80
		DFT-s-OFDM 16QAM	1	1	/	12.52	/	12.80
			1	1	/	12.61	/	12.80
1	1		/	12.53	/	12.80		
DFT-s-OFDM 256QAM	1	1	/	12.53	/	12.80		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	/	633334	/	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	633000	633334	633668	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	632668	633334	634000	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	632000	633334	634668	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	631668	633334	635000	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	631334	633334	635334	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	631000	633334	635668	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	0	0	630668	633334	636000	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	0	0	630334	633334	636334	12.80

NR n77 Ant3 DSI3					Conducted Power(dBm)						
SCS 30kHz(3700~3980)											
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					650000	652400	654800	657200	659600	662000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	11.40	11.47	11.35	11.28	11.06	11.06	12.80
			1	137	11.18	11.07	11.10	11.07	11.02	11.01	12.80
			1	271	11.13	11.09	11.01	11.11	11.18	11.16	12.80
			135	0	11.30	11.16	11.06	11.02	11.09	11.07	12.80
			135	69	11.01	11.03	11.04	11.03	11.06	11.05	12.80
			135	138	11.05	11.06	11.10	11.07	11.02	11.06	12.80
		DFT-s-OFDM QPSK	1	1	11.49	11.43	11.45	11.26	11.11	11.16	12.80
			1	137	11.13	11.02	11.05	11.02	11.06	11.01	12.80
			1	271	11.11	11.05	11.02	11.10	11.21	11.26	12.80
			135	0	11.30	11.21	11.11	11.07	11.02	11.07	12.80
			135	69	11.09	11.08	11.03	11.06	11.05	11.03	12.80
			135	138	11.08	11.02	11.07	11.08	11.01	11.06	12.80
		DFT-s-OFDM 16QAM	1	1	11.41	11.35	11.31	11.13	11.03	11.07	12.80
			1	1	11.43	11.32	11.29	11.12	11.07	11.05	12.80
1	1		11.40	11.37	11.31	11.08	11.06	11.08	12.80		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	11.47	11.41	11.40	11.35	11.14	11.12	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.41	11.35	11.40	11.28	11.20	11.18	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.35	11.39	11.32	11.25	11.18	11.20	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.26	11.31	11.27	11.21	11.20	11.16	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.37	11.40	11.37	11.25	11.14	11.09	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.31	11.29	11.30	11.17	11.06	11.21	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647668	Channel 651000	Channel 654334	Channel 657668	Channel 661000	Channel 664332	Tune up
30MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.41	11.30	11.37	11.22	11.17	11.16	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.35	11.38	11.16	11.09	11.10	11.18	12.80
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	11.39	11.30	11.34	11.20	11.18	11.15	12.80

1.8 Conducted Power of 5G NR 2T4R

NR N41 (Ant1+Ant2) DSI3					Conducted Power(dBm)					
Bandwidth	SCS	Modulation	RB size	RB offset	SCS 30kHz					Tune up
					Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
100MHz	30kHz	CP-OFDM QPSK	1	1	20.70	20.49	20.27	20.31	20.31	21.3
			1	137	20.17	19.99	20.03	19.90	19.60	21.3
			1	271	20.44	20.11	19.91	19.90	19.89	21.3
			135	0	20.35	20.16	20.06	20.03	20.28	21.3
			135	69	20.17	20.05	19.82	19.68	19.53	21.3
			135	138	20.28	20.05	19.85	19.70	19.65	21.3
		270	0	20.34	20.07	19.92	19.83	19.76	21.3	
		CP-OFDM 16QAM	1	1	20.60	20.38	20.25	20.22	20.21	21.3
		CP-OFDM 64QAM	1	1	20.55	20.30	20.18	20.10	20.09	21.3
CP-OFDM 256QAM	1	1	20.08	19.85	19.63	19.70	19.66	21.3		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	20.62	20.44	20.21	20.23	20.17	21.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	30kHz	CP-OFDM QPSK	1	1	20.63	20.44	20.16	20.26	20.24	21.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	30kHz	CP-OFDM QPSK	1	1	20.65	20.37	20.18	20.27	20.24	21.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 506202	Channel 512400	Channel 518598	Channel 524796	Channel 531000	Tune up
70MHz	30kHz	CP-OFDM QPSK	1	1	20.60	20.48	20.28	20.26	20.27	21.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	30kHz	CP-OFDM QPSK	1	1	20.63	20.43	20.23	20.22	20.20	21.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	30kHz	CP-OFDM QPSK	1	1	20.57	20.45	20.13	20.18	20.23	21.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	30kHz	CP-OFDM QPSK	1	1	20.64	20.39	20.23	20.25	20.27	21.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	30kHz	CP-OFDM QPSK	1	1	20.62	20.41	20.13	20.23	20.27	21.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	30kHz	CP-OFDM QPSK	1	1	20.66	20.38	20.16	20.28	20.26	21.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 500202	Channel 509400	Channel 518598	Channel 527796	Channel 537000	Tune up
10MHz	30kHz	CP-OFDM QPSK	1	1	20.69	20.33	20.12	20.23	20.21	21.3

NR N41 (Ant3+Ant4) DSI3					Conducted Power(dBm)					
Bandwidth	SCS	Modulation	RB size	RB offset	SCS 30kHz					Tune up
					Channel	Channel	Channel	Channel	Channel	
100MHz	30kHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	19.7
			1	137	19.43	19.21	19.17	19.17	19.12	19.7
			1	271	19.25	19.06	18.99	18.93	18.62	19.7
			135	0	19.39	19.17	18.74	18.68	18.50	19.7
			135	69	19.40	19.21	19.05	19.05	18.81	19.7
			135	138	19.11	18.92	18.85	18.68	18.46	19.7
		270	0	19.23	19.06	18.82	18.67	18.43	19.7	
		1	1	19.25	19.14	18.94	18.86	18.60	19.7	
		1	1	19.33	19.30	19.21	19.20	19.25	19.7	
		1	1	19.21	19.26	19.14	19.20	19.13	19.7	
1	1	18.72	18.81	18.71	18.71	18.70	19.7			
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	19.7
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	30kHz	CP-OFDM QPSK	1	1	508200	513402	518598	523800	528996	19.7
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	30kHz	CP-OFDM QPSK	1	1	507204	512904	518598	524298	529998	19.7
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	30kHz	CP-OFDM QPSK	1	1	506202	512400	518598	524796	531000	19.7
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	30kHz	CP-OFDM QPSK	1	1	505200	511902	518598	525300	531996	19.7
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	30kHz	CP-OFDM QPSK	1	1	504204	511404	518598	525798	532998	19.7
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	30kHz	CP-OFDM QPSK	1	1	503202	510900	518598	526302	534000	19.7
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	30kHz	CP-OFDM QPSK	1	1	502200	510402	518598	526800	534996	19.7
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	30kHz	CP-OFDM QPSK	1	1	501204	509904	518598	527298	535998	19.7
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	30kHz	CP-OFDM QPSK	1	1	500202	509400	518598	527796	537000	19.7

NR n77 (Ant3+Ant4) DSI3					Conducted Power(dBm)			
SCS 30kHz(3450~3550)								
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
100MHz	30kHz	CP-OFDM QPSK	1	1	/	17.82	/	18.3
			1	137	/	17.51	/	18.3
			1	271	/	17.62	/	18.3
			135	0	/	17.72	/	18.3
			135	69	/	17.53	/	18.3
			135	138	/	17.56	/	18.3
			270	0	/	17.48	/	18.3
		CP-OFDM 16QAM	1	1	/	17.72	/	18.3
		CP-OFDM 64QAM	1	1	/	17.64	/	18.3
		CP-OFDM 256QAM	1	1	/	17.61	/	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	/	633334	/	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	30kHz	CP-OFDM QPSK	1	1	17.73	17.74	17.77	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	30kHz	CP-OFDM QPSK	1	1	632668	633334	634000	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	30kHz	CP-OFDM QPSK	1	1	17.73	17.80	17.75	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	30kHz	CP-OFDM QPSK	1	1	632000	633334	634668	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	30kHz	CP-OFDM QPSK	1	1	631668	633334	635000	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	30kHz	CP-OFDM QPSK	1	1	17.79	17.78	17.78	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	30kHz	CP-OFDM QPSK	1	1	631334	633334	635334	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	30kHz	CP-OFDM QPSK	1	1	17.75	17.79	17.73	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	30kHz	CP-OFDM QPSK	0	0	631000	633334	635668	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	30kHz	CP-OFDM QPSK	0	0	630668	633334	636000	18.3
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	30kHz	CP-OFDM QPSK	0	0	630334	633334	636334	18.3

NR n77 (Ant3+Ant4) DSI3					Conducted Power(dBm)								
SCS 30kHz(3700~3980)													
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
					650000	652400	654800	657200	659600	662000			
100MHz	30kHz	CP-OFDM QPSK	1	1	17.67	17.27	17.29	17.32	17.32	17.22	18.3		
			1	137	17.40	16.94	16.96	16.92	16.91	16.87	18.3		
			1	271	17.67	17.17	17.11	17.14	17.15	17.07	18.3		
			135	0	17.40	17.02	17.05	17.02	16.96	16.94	18.3		
			135	69	17.23	16.85	16.88	16.80	16.79	16.82	18.3		
			135	138	17.39	17.00	16.98	16.88	16.96	16.91	18.3		
				CP-OFDM 16QAM	1	1	17.61	17.11	17.18	17.19	17.21	17.14	18.3
				CP-OFDM 64QAM	1	1	17.51	17.03	17.10	17.09	17.10	17.04	18.3
				CP-OFDM 256QAM	1	1	17.50	17.10	17.13	17.14	17.13	17.01	18.3
		Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	18.3		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
90MHz	30kHz	CP-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	18.3		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
80MHz	30kHz	CP-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	18.3		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
60MHz	30kHz	CP-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	18.3		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
50MHz	30kHz	CP-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	18.3		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
40MHz	30kHz	CP-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	18.3		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
30MHz	30kHz	CP-OFDM QPSK	1	1	647668	651000	654334	657668	661000	664332	18.3		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
20MHz	30kHz	CP-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	18.3		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
10MHz	30kHz	CP-OFDM QPSK	1	1	647000	650600	654200	657800	661400	665000	18.3		

NR n77 (Ant6+Ant7) DSI3					Conducted Power(dBm)			
SCS 30kHz(3450~3550)								
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
100MHz	30kHz	CP-OFDM QPSK	1	1	/	19.30	/	20.0
			1	137	/	19.00	/	20.0
			1	271	/	19.27	/	20.0
			135	0	/	19.13	/	20.0
			135	69	/	18.89	/	20.0
			135	138	/	19.08	/	20.0
		270	0	/	19.07	/	20.0	
		CP-OFDM 16QAM	1	1	/	19.26	/	20.0
		CP-OFDM 64QAM	1	1	/	19.13	/	20.0
		CP-OFDM 256QAM	1	1	/	19.17	/	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	/	633334	/	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	30kHz	CP-OFDM QPSK	1	1	19.23	19.24	19.25	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	30kHz	CP-OFDM QPSK	1	1	632668	633334	634000	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	30kHz	CP-OFDM QPSK	1	1	19.26	19.26	19.28	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	30kHz	CP-OFDM QPSK	1	1	632000	633334	634668	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	30kHz	CP-OFDM QPSK	1	1	19.23	19.24	19.25	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	30kHz	CP-OFDM QPSK	1	1	631668	633334	635000	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	30kHz	CP-OFDM QPSK	1	1	19.24	19.26	19.25	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	30kHz	CP-OFDM QPSK	1	1	631000	633334	635668	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	30kHz	CP-OFDM QPSK	1	1	19.24	19.20	19.24	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	30kHz	CP-OFDM QPSK	0	0	630668	633334	636000	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	30kHz	CP-OFDM QPSK	0	0	19.21	19.25	19.23	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	30kHz	CP-OFDM QPSK	0	0	630334	633334	636334	20.0
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	30kHz	CP-OFDM QPSK	0	0	19.25	19.24	19.26	20.0

NR n77 (Ant6+Ant7) DSI3					Conducted Power(dBm)								
SCS 30kHz(3700~3980)													
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
					650000	652400	654800	657200	659600	662000			
100MHz	30kHz	CP-OFDM QPSK	1	1	19.16	19.36	19.44	19.38	19.42	19.28	20.0		
			1	137	18.86	19.10	19.04	19.03	19.02	18.88	20.0		
			1	271	19.12	19.16	19.15	19.22	19.16	19.08	20.0		
			135	0	18.87	19.15	19.16	19.14	19.10	19.06	20.0		
			135	69	18.69	18.99	19.00	18.88	18.87	18.80	20.0		
			135	138	18.96	19.12	19.08	19.01	19.03	18.92	20.0		
				CP-OFDM 16QAM	1	1	19.06	19.24	19.29	19.28	19.33	19.20	20.0
				CP-OFDM 64QAM	1	1	18.98	19.20	19.20	19.18	19.24	19.15	20.0
				CP-OFDM 256QAM	1	1	18.99	19.22	19.23	19.29	19.21	19.20	20.0
		Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	30kHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	20.0		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
90MHz	30kHz	CP-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	20.0		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
80MHz	30kHz	CP-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	20.0		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
60MHz	30kHz	CP-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	20.0		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
50MHz	30kHz	CP-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	20.0		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
40MHz	30kHz	CP-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	20.0		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
30MHz	30kHz	CP-OFDM QPSK	1	1	647668	651000	654334	657668	661000	664332	20.0		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
20MHz	30kHz	CP-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	20.0		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
10MHz	30kHz	CP-OFDM QPSK	1	1	647000	650600	654200	657800	661400	665000	20.0		

1.9 Conducted Power of WIFI and BT

WIFI 2.4G Ant5 DSI3						
Mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Conducted Power(dBm)	Tune up(dBm)	SAR Test
802.11b	1	2412	1	14.46	15.0	No
	6	2437		14.48	15.0	No
	11	2462		14.50	15.0	Yes
802.11g	1	2412	6	Not Required	15.0	No
	6	2437			15.0	No
	11	2462			15.0	No
802.11n 20M	1	2412	MCS0	Not Required	15.0	No
	6	2437			15.0	No
	11	2462			15.0	No
802.11ax 20M	1	2412	MCS0	Not Required	15.0	No
	6	2437			15.0	No
	11	2462			15.0	No
802.11be 20M	1	2412	MCS0	Not Required	15.0	No
	6	2437			15.0	No
	11	2462			15.0	No
WIFI 2.4G Ant8 DSI3						
Mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Conducted Power(dBm)	Tune up(dBm)	SAR Test
802.11b	1	2412	1	13.31	14.5	No
	6	2437		13.46	14.5	Yes
	11	2462		12.95	14.5	No
802.11g	1	2412	6	Not Required	14.5	No
	6	2437			14.5	No
	11	2462			14.5	No
802.11n 20M	1	2412	MCS0	Not Required	14.5	No
	6	2437			14.5	No
	11	2462			14.5	No
802.11ax 20M	1	2412	MCS0	Not Required	14.5	No
	6	2437			14.5	No
	11	2462			14.5	No
802.11be 20M	1	2412	MCS0	Not Required	14.5	No
	6	2437			14.5	No
	11	2462			14.5	No
WIFI 2.4G MIMO DSI3						
Mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Conducted Power(dBm)	Tune up(dBm)	SAR Test
802.11b	1	2412	1	16.93	17.8	No
	6	2437		17.01	17.8	Yes
	11	2462		16.80	17.8	No
802.11g	1	2412	6	Not Required	17.8	No
	6	2437			17.8	No
	11	2462			17.8	No
802.11n 20M	1	2412	MCS0	Not Required	17.8	No
	6	2437			17.8	No
	11	2462			17.8	No
802.11ax 20M	1	2412	MCS0	Not Required	17.8	No
	6	2437			17.8	No
	11	2462			17.8	No
802.11be 20M	1	2412	MCS0	Not Required	17.8	No
	6	2437			17.8	No
	11	2462			17.8	No

WIFI 5G Ant5 DS13							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	Not Required	15.5	No
		40	5200			15.5	No
		48	5240			15.5	No
	U-NII-2A	52	5260			15.5	No
		56	5280			15.5	No
		60	5300			15.5	No
		64	5320			15.5	No
		100	5500			15.5	No
		104	5520			15.5	No
	U-NII-2C	108	5540			15.5	No
		112	5560			15.5	No
		116	5580			15.5	No
		120	5600			15.5	No
		124	5620			15.5	No
		128	5640			15.5	No
		132	5660			15.5	No
		136	5680			15.5	No
		140	5700			15.5	No
		144	5720			15.5	No
		U-NII-3	149			5745	15.5
153	5765		15.5	No			
157	5785		15.5	No			
161	5805		15.5	No			
165	5825		15.5	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	Not Required	15.5	No
		40	5200			15.5	No
		48	5240			15.5	No
	U-NII-2A	52	5260			15.5	No
		56	5280			15.5	No
		60	5300			15.5	No
		64	5320			15.5	No
	U-NII-2C	100	5500			15.5	No
		104	5520			15.5	No
		108	5540			15.5	No
		112	5560			15.5	No
		116	5580			15.5	No
		120	5600			15.5	No
		124	5620			15.5	No
		128	5640			15.5	No
		132	5660			15.5	No
		136	5680			15.5	No
		140	5700			15.5	No
	144	5720	15.5			No	
	U-NII-3	149	5745			15.5	No
153		5765	15.5	No			
157		5785	15.5	No			
161		5805	15.5	No			
165		5825	15.5	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	Not Required	15.5	No
		46	5230			15.5	No
	U-NII-2A	54	5270			15.5	No
		62	5310			15.5	No
	U-NII-2C	102	5510			15.5	No
		110	5550			15.5	No
		118	5590			15.5	No
		126	5630			15.5	No
		134	5670			15.5	No
		142	5710			15.5	No
	U-NII-3	151	5755			15.5	No
159		5795	15.5	No			

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11ac-20	U-NII-1	36	5180	MCS0	Not Required	15.5	No	
		40	5200			15.5	No	
		48	5240			15.5	No	
	U-NII-2A	52	5260			15.5	No	
		56	5280			15.5	No	
		60	5300			15.5	No	
		64	5320			15.5	No	
		U-NII-2C	100			5500	15.5	No
			104			5520	15.5	No
	108		5540			15.5	No	
	112		5560			15.5	No	
	116		5580			15.5	No	
	120		5600			15.5	No	
	124		5620			15.5	No	
	128		5640			15.5	No	
	132		5660			15.5	No	
	136		5680			15.5	No	
	U-NII-3	140	5700			15.5	No	
		144	5720			15.5	No	
		149	5745			15.5	No	
153		5765	15.5	No				
157		5785	15.5	No				
		161	5805	15.5	No			
		165	5825	15.5	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11ac-40	U-NII-1	38	5190	MCS0	Not Required	15.5	No	
		46	5230			15.5	No	
	U-NII-2A	54	5270			15.5	No	
		62	5310			15.5	No	
	U-NII-2C	102	5510			15.5	No	
		110	5550			15.5	No	
		118	5590			15.5	No	
		126	5630			15.5	No	
		134	5670			15.5	No	
		142	5710			15.5	No	
	U-NII-3	151	5755			15.5	No	
		159	5795			15.5	No	
	5GHz	mode	Channel			Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	14.72	15.5	Yes	
	U-NII-2A	58	5290		14.47	15.5	Yes	
		106	5530		14.63	15.5	No	
	U-NII-2C	122	5610		14.76	15.5	No	
		138	5690		15.15	15.5	Yes	
	U-NII-3	155	5775		14.41	15.5	Yes	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11ac 160M	U-NII-2A	50	5250	MCS0	Not Required	13.0	No	
	U-NII-2C	114	5570			11.0	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11ax-20	U-NII-1	36	5180	MCS0	Not Required	15.5	No	
		40	5200			15.5	No	
		48	5240			15.5	No	
	U-NII-2A	52	5260			15.5	No	
		56	5280			15.5	No	
		60	5300			15.5	No	
		64	5320			15.5	No	
		U-NII-2C	100			5500	15.5	No
			104			5520	15.5	No
	108		5540			15.5	No	
	112		5560			15.5	No	
	116		5580			15.5	No	
	120		5600			15.5	No	
	124		5620			15.5	No	
	128		5640			15.5	No	
	132		5660			15.5	No	
	136		5680			15.5	No	
	U-NII-3	140	5700			15.5	No	
		144	5720			15.5	No	

	U-NII-3	149	5745			15.5	No			
		153	5765			15.5	No			
		157	5785			15.5	No			
		161	5805			15.5	No			
		165	5825			15.5	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11ax-40	U-NII-1	38	5190	MCS0	Not Required	15.5	No			
		46	5230			15.5	No			
	U-NII-2A	54	5270			15.5	No			
		62	5310			15.5	No			
	U-NII-2C	102	5510			15.5	No			
		110	5550			15.5	No			
		118	5590			15.5	No			
		126	5630			15.5	No			
		134	5670			15.5	No			
		142	5710			15.5	No			
	U-NII-3	151	5755			15.5	No			
		159	5795			15.5	No			
	5GHz	mode	Channel			Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
	802.11ax 80M	U-NII-1	42			5210	MCS0	Not Required	15.5	No
U-NII-2A		58	5290	15.5	No					
		106	5530	15.5	No					
U-NII-2C		122	5610	15.5	No					
		138	5690	15.5	No					
U-NII-3		155	5775	15.5	No					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11ax 160M	U-NII-2A	50	5250	MCS0	Not Required	13.0	No			
	U-NII-2C	114	5570			11.0	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11be20	U-NII-1	36	5180	MCS0	Not Required	15.5	No			
		40	5200			15.5	No			
		48	5240			15.5	No			
	U-NII-2A	52	5260			15.5	No			
		56	5280			15.5	No			
		60	5300			15.5	No			
		64	5320			15.5	No			
		100	5500			15.5	No			
	U-NII-2C	104	5520			15.5	No			
		108	5540			15.5	No			
		112	5560			15.5	No			
		116	5580			15.5	No			
		120	5600			15.5	No			
		124	5620			15.5	No			
		128	5640			15.5	No			
		132	5660			15.5	No			
		136	5680			15.5	No			
		140	5700			15.5	No			
		144	5720			15.5	No			
		U-NII-3	149			5745	15.5	No		
	153		5765			15.5	No			
	157		5785			15.5	No			
	161		5805			15.5	No			
	165		5825			15.5	No			
	5GHz	mode	Channel			Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
	802.11be40	U-NII-1	38			5190	MCS0	Not Required	15.5	No
			46			5230			15.5	No
		U-NII-2A	54			5270			15.5	No
62			5310	15.5	No					
U-NII-2C		102	5510	15.5	No					
		110	5550	15.5	No					
		118	5590	15.5	No					
		126	5630	15.5	No					
		134	5670	15.5	No					
		142	5710	15.5	No					
U-NII-3		151	5755	15.5	No					
		159	5795	15.5	No					

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11be80	U-NII-1	42	5210	MCS0	Not Required	15.5	No
	U-NII-2A	58	5290			15.5	No
	U-NII-2C	106	5530			15.5	No
		122	5610			15.5	No
		138	5690			15.5	No
	U-NII-3	155	5775			15.5	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11be160	U-NII-2A	50	5250	MCS0	Not Required	13.0	No
	U-NII-2C	114	5570			11.0	No

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11a	U-NII-1	36	5180	6	Not Required	15.0	No	
		40	5200			15.0	No	
		48	5240			15.0	No	
	U-NII-2A	52	5260			15.0	No	
		56	5280			15.0	No	
		60	5300			15.0	No	
		64	5320			15.0	No	
		U-NII-2C	100			5500	15.0	No
			104			5520	15.0	No
	108		5540			15.0	No	
	112		5560			15.0	No	
	116		5580			15.0	No	
	120		5600			15.0	No	
	124		5620			15.0	No	
	128		5640			15.0	No	
	132		5660			15.0	No	
	136		5680			15.0	No	
	U-NII-3	140	5700			15.0	No	
		144	5720			15.0	No	
		149	5745			15.0	No	
		153	5765			15.0	No	
		157	5785			15.0	No	
		161	5805			15.0	No	
		165	5825			15.0	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11n-HT20	U-NII-1	36	5180	MCS0	Not Required	15.0	No	
		40	5200			15.0	No	
		48	5240			15.0	No	
	U-NII-2A	52	5260			15.0	No	
		56	5280			15.0	No	
		60	5300			15.0	No	
		64	5320			15.0	No	
		U-NII-2C	100			5500	15.0	No
			104			5520	15.0	No
	108		5540			15.0	No	
	112		5560			15.0	No	
	116		5580			15.0	No	
	120		5600			15.0	No	
	124		5620			15.0	No	
	128		5640			15.0	No	
	132		5660			15.0	No	
	136		5680			15.0	No	
	U-NII-3	140	5700			15.0	No	
		144	5720			15.0	No	
		149	5745			15.0	No	
		153	5765			15.0	No	
		157	5785			15.0	No	
		161	5805			15.0	No	
		165	5825			15.0	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11n-HT40	U-NII-1	38	5190	MCS0	Not Required	15.0	No	
		46	5230			15.0	No	
	U-NII-2A	54	5270			15.0	No	
		62	5310			15.0	No	

	U-NII-2C	102	5510			15.0	No			
		110	5550			15.0	No			
		118	5590			15.0	No			
		126	5630			15.0	No			
		134	5670			15.0	No			
		142	5710			15.0	No			
		U-NII-3	151	5755			15.0	No		
			159	5795			15.0	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11ac-20	U-NII-1	36	5180	MCS0	Not Required	15.0	No			
		40	5200			15.0	No			
		48	5240			15.0	No			
	U-NII-2A	52	5260			15.0	No			
		56	5280			15.0	No			
		60	5300			15.0	No			
		64	5320			15.0	No			
		U-NII-2C	100			5500	15.0	No		
			104			5520	15.0	No		
	108		5540			15.0	No			
	112		5560			15.0	No			
	116		5580			15.0	No			
	120		5600			15.0	No			
	124		5620			15.0	No			
	128		5640			15.0	No			
	132		5660			15.0	No			
	136		5680			15.0	No			
	U-NII-3	140	5700			15.0	No			
		144	5720			15.0	No			
		149	5745			15.0	No			
153		5765	15.0	No						
157		5785	15.0	No						
		161	5805	15.0	No					
		165	5825	15.0	No					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11ac-40	U-NII-1	38	5190	MCS0	Not Required	15.0	No			
		46	5230			15.0	No			
	U-NII-2A	54	5270			15.0	No			
		62	5310			15.0	No			
	U-NII-2C	102	5510			15.0	No			
		110	5550			15.0	No			
		118	5590			15.0	No			
		126	5630			15.0	No			
		134	5670			15.0	No			
		142	5710			15.0	No			
	U-NII-3	151	5755			15.0	No			
		159	5795			15.0	No			
	5GHz	mode	Channel			Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
	802.11ac 80M	U-NII-1	42			5210	MCS0	14.15	15.0	Yes
U-NII-2A		58	5290	13.82	15.0	Yes				
U-NII-2C		106	5530	14.34	15.0	No				
		122	5610	14.28	15.0	No				
		138	5690	14.96	15.0	Yes				
U-NII-3		155	5775	14.30	15.0	Yes				
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11ac 160M	U-NII-2A	50	5250	MCS0	Not Required	13.0	No			
	U-NII-2C	114	5570			11.0	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11ax-20	U-NII-1	36	5180	MCS0	Not Required	15.0	No			
		40	5200			15.0	No			
		48	5240			15.0	No			
	U-NII-2A	52	5260			15.0	No			
		56	5280			15.0	No			
		60	5300			15.0	No			
	U-NII-2C	64	5320			15.0	No			
		100	5500			15.0	No			
		104	5520			15.0	No			
		108	5540			15.0	No			
		112	5560	15.0	No					

		116	5580			15.0	No			
		120	5600			15.0	No			
		124	5620			15.0	No			
		128	5640			15.0	No			
		132	5660			15.0	No			
		136	5680			15.0	No			
		140	5700			15.0	No			
		144	5720			15.0	No			
	U-NII-3	149	5745			15.0	No			
		153	5765			15.0	No			
		157	5785			15.0	No			
		161	5805			15.0	No			
		165	5825			15.0	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11ax-40	U-NII-1	38	5190	MCS0	Not Required	15.0	No			
		46	5230			15.0	No			
	U-NII-2A	54	5270			15.0	No			
		62	5310			15.0	No			
	U-NII-2C	102	5510			15.0	No			
		110	5550			15.0	No			
		118	5590			15.0	No			
		126	5630			15.0	No			
		134	5670			15.0	No			
		142	5710			15.0	No			
	U-NII-3	151	5755			15.0	No			
		159	5795			15.0	No			
	5GHz	mode	Channel			Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
	802.11ax 80M	U-NII-1	42			5210	MCS0	Not Required	15.0	No
U-NII-2A		58	5290	15.0	No					
		106	5530	15.0	No					
U-NII-2C		122	5610	15.0	No					
		138	5690	15.0	No					
U-NII-3		155	5775	15.0	No					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11ax 160M	U-NII-2A	50	5250	MCS0	Not Required	13.0	No			
	U-NII-2C	114	5570		Not Required	11.0	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11be20	U-NII-1	36	5180	MCS0	Not Required	15.0	No			
		40	5200			15.0	No			
		48	5240			15.0	No			
	U-NII-2A	52	5260			15.0	No			
		56	5280			15.0	No			
		60	5300			15.0	No			
		64	5320			15.0	No			
	U-NII-2C	100	5500			15.0	No			
		104	5520			15.0	No			
		108	5540			15.0	No			
		112	5560			15.0	No			
		116	5580			15.0	No			
		120	5600			15.0	No			
		124	5620			15.0	No			
		128	5640			15.0	No			
		132	5660			15.0	No			
		136	5680			15.0	No			
		140	5700			15.0	No			
	U-NII-3	144	5720			15.0	No			
		149	5745			15.0	No			
		153	5765			15.0	No			
		157	5785			15.0	No			
		161	5805			15.0	No			
		165	5825			15.0	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test			
802.11be40	U-NII-1	38	5190	MCS0	Not Required	15.0	No			
		46	5230			15.0	No			
	U-NII-2A	54	5270			15.0	No			
		62	5310			15.0	No			
	U-NII-2C	102	5510			15.0	No			
		110	5550			15.0	No			

		118	5590			15.0	No
		126	5630			15.0	No
		134	5670			15.0	No
		142	5710			15.0	No
	U-NII-3	151	5755			15.0	No
		159	5795			15.0	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11be80	U-NII-1	42	5210	MCS0	Not Required	15.0	No
	U-NII-2A	58	5290			15.0	No
	U-NII-2C	106	5530			15.0	No
		122	5610			15.0	No
		138	5690			15.0	No
	U-NII-3	155	5775			15.0	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11be160	U-NII-2A	50	5250	MCS0	Not Required	13.0	No
	U-NII-2C	114	5570			11.0	No

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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11a	U-NII-1	36	5180	6	Not Required	18.3	No	
		40	5200			18.3	No	
		48	5240			18.3	No	
	U-NII-2A	52	5260			18.3	No	
		56	5280			18.3	No	
		60	5300			18.3	No	
		64	5320			18.3	No	
		U-NII-2C	100			5500	18.3	No
			104			5520	18.3	No
	108		5540			18.3	No	
	112		5560			18.3	No	
	116		5580			18.3	No	
	120		5600			18.3	No	
	124		5620			18.3	No	
	128		5640			18.3	No	
	132		5660			18.3	No	
	136		5680			18.3	No	
	U-NII-3	140	5700			18.3	No	
		144	5720			18.3	No	
		149	5745			18.3	No	
		153	5765			18.3	No	
		157	5785			18.3	No	
		161	5805			18.3	No	
	165	5825	18.3			No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11n-HT20	U-NII-1	36	5180	MCS0	Not Required	18.3	No	
		40	5200			18.3	No	
		48	5240			18.3	No	
	U-NII-2A	52	5260			18.3	No	
		56	5280			18.3	No	
		60	5300			18.3	No	
		64	5320			18.3	No	
		U-NII-2C	100			5500	18.3	No
			104			5520	18.3	No
	108		5540			18.3	No	
	112		5560			18.3	No	
	116		5580			18.3	No	
	120		5600			18.3	No	
	124		5620			18.3	No	
	128		5640			18.3	No	
	132		5660			18.3	No	
	136		5680			18.3	No	
	U-NII-3	140	5700			18.3	No	
		144	5720			18.3	No	
		149	5745			18.3	No	
		153	5765			18.3	No	
		157	5785			18.3	No	
		161	5805			18.3	No	
	165	5825	18.3			No		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	Not Required	18.3	No
		46	5230			18.3	No
	U-NII-2A	54	5270			18.3	No
		62	5310			18.3	No
	U-NII-2C	102	5510			18.3	No
		110	5550			18.3	No
		118	5590			18.3	No
		126	5630			18.3	No
		134	5670			18.3	No
		142	5710			18.3	No
	U-NII-3	151	5755			18.3	No
		159	5795			18.3	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac-20	U-NII-1	36	5180	MCS0	Not Required	18.3	No
		40	5200			18.3	No
		48	5240			18.3	No
	U-NII-2A	52	5260			18.3	No
		56	5280			18.3	No
		60	5300			18.3	No
		64	5320			18.3	No
		100	5500			18.3	No
		104	5520			18.3	No
	U-NII-2C	108	5540			18.3	No
		112	5560			18.3	No
		116	5580			18.3	No
		120	5600			18.3	No
		124	5620			18.3	No
		128	5640			18.3	No
		132	5660			18.3	No
		136	5680			18.3	No
		140	5700			18.3	No
		144	5720			18.3	No
	U-NII-3	149	5745			18.3	No
		153	5765			18.3	No
		157	5785			18.3	No
		161	5805			18.3	No
		165	5825			18.3	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac-40	U-NII-1	38	5190	MCS0	Not Required	18.3	No
		46	5230			18.3	No
	U-NII-2A	54	5270			18.3	No
		62	5310			18.3	No
	U-NII-2C	102	5510			18.3	No
		110	5550			18.3	No
		118	5590			18.3	No
		126	5630			18.3	No
		134	5670			18.3	No
		142	5710			18.3	No
	U-NII-3	151	5755			18.3	No
		159	5795			18.3	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	17.45	18.3	Yes
		58	5290		17.17	18.3	Yes
	U-NII-2C	106	5530		17.50	18.3	No
		122	5610		17.54	18.3	No
		138	5690		18.07	18.3	Yes
	U-NII-3	155	5775		17.37	18.3	Yes
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac 160M	U-NII-2A	50	5250	MCS0	Not Required	16.0	No
	U-NII-2C	114	5570			14.0	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ax-20	U-NII-1	36	5180	MCS0	Not Required	18.3	No
		40	5200			18.3	No
		48	5240			18.3	No
	U-NII-2A	52	5260			18.3	No
		56	5280			18.3	No

	U-NII-2C	60	5300			18.3	No
		64	5320			18.3	No
		100	5500			18.3	No
		104	5520			18.3	No
		108	5540			18.3	No
		112	5560			18.3	No
		116	5580			18.3	No
		120	5600			18.3	No
		124	5620			18.3	No
		128	5640			18.3	No
		132	5660			18.3	No
		136	5680			18.3	No
		140	5700			18.3	No
		144	5720			18.3	No
	U-NII-3	149	5745			18.3	No
		153	5765			18.3	No
		157	5785			18.3	No
		161	5805			18.3	No
165	5825	18.3	No				
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ax-40	U-NII-1	38	5190	MCS0	Not Required	18.3	No
		46	5230			18.3	No
	U-NII-2A	54	5270			18.3	No
		62	5310			18.3	No
	U-NII-2C	102	5510			18.3	No
		110	5550			18.3	No
		118	5590			18.3	No
		126	5630			18.3	No
		134	5670			18.3	No
	U-NII-3	142	5710			18.3	No
151		5755	18.3	No			
159	5795	18.3	No				
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ax 80M	U-NII-1	42	5210	MCS0	Not Required	18.3	No
	U-NII-2A	58	5290			18.3	No
		106	5530			18.3	No
	U-NII-2C	122	5610			18.3	No
		138	5690			18.3	No
	U-NII-3	155	5775			18.3	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ax 160M	U-NII-2A	50	5250	MCS0	Not Required	16.0	No
	U-NII-2C	114	5570			14.0	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11be20	U-NII-1	36	5180	MCS0	Not Required	18.3	No
		40	5200			18.3	No
		48	5240			18.3	No
	U-NII-2A	52	5260			18.3	No
		56	5280			18.3	No
		60	5300			18.3	No
		64	5320			18.3	No
	U-NII-2C	100	5500			18.3	No
		104	5520			18.3	No
		108	5540			18.3	No
		112	5560			18.3	No
		116	5580			18.3	No
		120	5600			18.3	No
		124	5620			18.3	No
		128	5640			18.3	No
		132	5660			18.3	No
		136	5680			18.3	No
		140	5700			18.3	No
	U-NII-3	144	5720			18.3	No
		149	5745			18.3	No
		153	5765			18.3	No
		157	5785			18.3	No
161		5805	18.3	No			
165	5825	18.3	No				

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11be40	U-NII-1	38	5190	MCS0	Not Required	18.3	No
		46	5230			18.3	No
	U-NII-2A	54	5270			18.3	No
		62	5310			18.3	No
	U-NII-2C	102	5510			18.3	No
		110	5550			18.3	No
		118	5590			18.3	No
		126	5630			18.3	No
		134	5670			18.3	No
		142	5710			18.3	No
	U-NII-3	151	5755			18.3	No
		159	5795			18.3	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11be80	U-NII-1	42	5210	MCS0	Not Required	18.3	No
	U-NII-2A	58	5290			18.3	No
		106	5530			18.3	No
	U-NII-2C	122	5610			18.3	No
		138	5690			18.3	No
	U-NII-3	155	5775			18.3	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11be160	U-NII-2A	50	5250	MCS0	Not Required	16.0	No
	U-NII-2C	114	5570			14.0	No

BT DSI3						
TYPE	test mode	test channel	Ant5 Conducted Power (dBm)	Ant5 Tune up (dBm)	Ant8 Conducted Power (dBm)	Ant8 Tune up (dBm)
BT	DH5	2402	14.05	15.0	13.35	15.0
		2441	14.10	15.0	13.51	15.0
		2480	13.79	15.0	13.47	15.0
	2DH5	2402	14.42	15.0	13.49	15.0
		2441	14.59	15.0	13.69	15.0
		2480	14.32	15.0	13.40	15.0
	3DH5	2402	14.23	15.0	13.31	15.0
		2441	14.46	15.0	13.73	15.0
		2480	14.36	15.0	13.39	15.0
	P2	2404	12.72	13.5	11.89	13.5
		2440	12.66	13.5	12.60	13.5
		2478	12.49	13.5	12.08	13.5
	P3	2404	12.81	13.5	11.89	13.5
		2440	12.78	13.5	12.44	13.5
		2478	12.29	13.5	12.21	13.5
	P4	2404	12.76	13.5	11.99	13.5
		2440	12.72	13.5	12.58	13.5
		2478	12.21	13.5	12.18	13.5
	P5	2404	12.92	13.5	12.05	13.5
		2440	12.66	13.5	12.40	13.5
		2478	12.37	13.5	12.17	13.5
	P6	2404	12.82	13.5	11.95	13.5
		2440	12.78	13.5	12.50	13.5
		2478	12.28	13.5	12.13	13.5
BLE	1M	2402	9.41	10.5	9.02	10.5
		2440	9.41	10.5	8.98	10.5
		2480	9.39	10.5	9.12	10.5
	2M	2402	9.48	10.5	9.08	10.5
		2440	9.49	10.5	9.05	10.5
		2480	9.49	10.5	9.19	10.5
	S2	2402	8.82	10.5	8.72	10.5
		2440	8.80	10.5	8.64	10.5
		2480	8.78	10.5	8.68	10.5
	S8	2402	8.73	10.5	8.68	10.5
		2440	8.72	10.5	8.58	10.5
		2480	8.71	10.5	8.65	10.5