

LTE Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-3.80	1 / 24	24.47	20.67	0.117	33.01	-12.34
		2593.0	-3.80	1 / 12	24.70	20.90	0.123	33.01	-12.11
		2687.5	-3.80	1 / 12	24.66	20.86	0.122	33.01	-12.15
	16-QAM	2593.0	-3.80	1 / 12	24.32	20.52	0.113	33.01	-12.49
		2593.0	-3.80	1 / 0	23.73	19.93	0.098	33.01	-13.08
		2687.5	-3.80	1 / 12	20.70	16.90	0.049	33.01	-16.11
	10 MHz	2501.0	-3.80	1 / 49	24.42	20.62	0.115	33.01	-12.39
		2593.0	-3.80	1 / 25	24.69	20.89	0.123	33.01	-12.12
		2685.0	-3.80	1 / 49	24.70	20.90	0.123	33.01	-12.11
		2593.0	-3.80	1 / 25	24.13	20.33	0.108	33.01	-12.68
		2685.0	-3.80	1 / 0	23.16	19.36	0.086	33.01	-13.65
		2593.0	-3.80	1 / 0	20.72	16.92	0.049	33.01	-16.09
		2503.5	-3.80	1 / 74	24.48	20.68	0.117	33.01	-12.33
15 MHz	QPSK	2593.0	-3.80	1 / 74	24.70	20.90	0.123	33.01	-12.11
		2682.5	-3.80	1 / 74	24.66	20.86	0.122	33.01	-12.15
		2682.5	-3.80	1 / 74	24.06	20.26	0.106	33.01	-12.75
	16-QAM	2593.0	-3.80	1 / 0	23.25	19.45	0.088	33.01	-13.56
		2593.0	-3.80	1 / 0	20.71	16.91	0.049	33.01	-16.10
		2506.0	-3.80	1 / 0	24.62	20.82	0.121	33.01	-12.19
20 MHz	QPSK	2593.0	-3.80	1 / 0	24.70	20.90	0.123	33.01	-12.11
		2680.0	-3.80	1 / 99	24.53	20.73	0.118	33.01	-12.28
		2593.0	-3.80	1 / 99	24.26	20.46	0.111	33.01	-12.55
	16-QAM	2680.0	-3.80	1 / 0	23.31	19.51	0.089	33.01	-13.50
		2680.0	-3.80	1 / 99	20.73	16.93	0.049	33.01	-16.08

Table 7-16. Antenna 1b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT				Approved by: Quality Manager
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LTE Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-3.80	1 / 24	24.18	20.38	0.109	33.01	-12.63
		2593.0	-3.80	1 / 0	24.70	20.90	0.123	33.01	-12.11
		2687.5	-3.80	1 / 0	24.62	20.82	0.121	33.01	-12.19
	16-QAM	2593.0	-3.80	1 / 12	23.90	20.10	0.102	33.01	-12.91
		2593.0	-3.80	1 / 12	22.85	19.05	0.080	33.01	-13.96
		2687.5	-3.80	1 / 0	20.66	16.86	0.049	33.01	-16.15
	10 MHz	2501.0	-3.80	1 / 0	24.68	20.88	0.122	33.01	-12.13
		2593.0	-3.80	1 / 0	24.70	20.90	0.123	33.01	-12.11
		2685.0	-3.80	1 / 0	24.61	20.81	0.121	33.01	-12.20
	16-QAM	2593.0	-3.80	1 / 25	24.00	20.20	0.105	33.01	-12.81
		2685.0	-3.80	1 / 0	22.18	18.38	0.069	33.01	-14.63
		2501.0	-3.80	1 / 0	20.68	16.88	0.049	33.01	-16.13
	15 MHz	2503.5	-3.80	1 / 74	24.19	20.39	0.109	33.01	-12.62
		2593.0	-3.80	1 / 74	24.70	20.90	0.123	33.01	-12.11
		2682.5	-3.80	1 / 74	24.69	20.89	0.123	33.01	-12.12
		2682.5	-3.80	1 / 74	23.77	19.97	0.099	33.01	-13.04
		2593.0	-3.80	1 / 37	22.65	18.85	0.077	33.01	-14.16
		2593.0	-3.80	1 / 0	20.71	16.91	0.049	33.01	-16.10
		2506.0	-3.80	1 / 99	24.26	20.46	0.111	33.01	-12.55
	20 MHz	2593.0	-3.80	1 / 99	24.66	20.86	0.122	33.01	-12.15
		2680.0	-3.80	1 / 99	24.70	20.90	0.123	33.01	-12.11
	16-QAM	2593.0	-3.80	1 / 99	23.94	20.14	0.103	33.01	-12.87
		2593.0	-3.80	1 / 0	22.66	18.86	0.077	33.01	-14.15
		2593.0	-3.80	1 / 0	20.72	16.92	0.049	33.01	-16.09

Table 7-17. Antenna 1b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT				Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device			Page 176 of 250

NR Band n30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2307.5	-2.60	1 / 23	18.20	15.60	0.036	23.98	-8.38
		2310.0	-2.60	1 / 1	17.61	15.01	0.032	23.98	-8.97
		2312.5	-2.60	1 / 1	17.58	14.98	0.031	23.98	-9.00
	QPSK	2307.5	-2.60	1 / 12	18.13	15.53	0.036	23.98	-8.45
		2310.0	-2.60	1 / 23	18.20	15.60	0.036	23.98	-8.38
		2312.5	-2.60	1 / 1	18.16	15.56	0.036	23.98	-8.42
	16-QAM	2312.5	-2.60	1 / 23	17.61	15.01	0.032	23.98	-8.97
	64-QAM	2312.5	-2.60	1 / 23	16.98	14.38	0.027	23.98	-9.60
	256-QAM	2307.5	-2.60	1 / 12	14.43	11.83	0.015	23.98	-12.15
10 MHz	π/2 BPSK	2310.0	-2.60	1 / 50	18.20	15.60	0.036	23.98	-8.38
	QPSK	2310.0	-2.60	1 / 50	18.20	15.60	0.036	23.98	-8.38
	16-QAM	2310.0	-2.60	1 / 1	17.45	14.85	0.031	23.98	-9.13
	64-QAM	2310.0	-2.60	1 / 1	17.04	14.44	0.028	23.98	-9.54
	256-QAM	2310.0	-2.60	1 / 50	14.41	11.81	0.015	23.98	-12.17

Table 7-18. Antenna 1b EIRP Data (NR Band n30)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		

NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	-2.80	1 / 1	22.65	19.85	0.097	33.01	-13.16
		2535.0	-2.80	1 / 12	22.66	19.86	0.097	33.01	-13.15
		2567.5	-2.80	1 / 12	22.51	19.71	0.094	33.01	-13.30
	QPSK	2502.5	-2.80	1 / 12	22.68	19.88	0.097	33.01	-13.13
		2535.0	-2.80	1 / 12	22.63	19.83	0.096	33.01	-13.18
		2567.5	-2.80	1 / 12	22.70	19.90	0.098	33.01	-13.11
	16-QAM	2535.0	-2.80	1 / 23	22.16	19.36	0.086	33.01	-13.65
	64-QAM	2567.5	-2.80	1 / 12	21.06	18.26	0.067	33.01	-14.76
	256-QAM	2567.5	-2.80	1 / 12	18.88	16.08	0.041	33.01	-16.93
	π/2 BPSK	2505.0	-2.80	1 / 1	22.70	19.90	0.098	33.01	-13.11
		2535.0	-2.80	1 / 1	22.63	19.83	0.096	33.01	-13.18
		2565.0	-2.80	1 / 1	22.44	19.64	0.092	33.01	-13.37
10 MHz	QPSK	2505.0	-2.80	1 / 1	22.47	19.67	0.093	33.01	-13.34
		2535.0	-2.80	1 / 1	22.48	19.68	0.093	33.01	-13.33
		2565.0	-2.80	1 / 1	22.53	19.73	0.094	33.01	-13.28
	16-QAM	2565.0	-2.80	1 / 50	21.76	18.96	0.079	33.01	-14.05
	64-QAM	2535.0	-2.80	1 / 1	21.09	18.29	0.067	33.01	-14.72
	256-QAM	2535.0	-2.80	1 / 1	18.98	16.18	0.041	33.01	-16.83
15 MHz	π/2 BPSK	2507.5	-2.80	1 / 77	22.53	19.73	0.094	33.01	-13.28
		2535.0	-2.80	1 / 1	22.52	19.72	0.094	33.01	-13.29
		2562.5	-2.80	1 / 77	22.68	19.88	0.097	33.01	-13.13
	QPSK	2507.5	-2.80	1 / 77	22.49	19.69	0.093	33.01	-13.32
		2535.0	-2.80	1 / 1	22.70	19.90	0.098	33.01	-13.11
		2562.5	-2.80	1 / 1	22.50	19.70	0.093	33.01	-13.31
	16-QAM	2562.5	-2.80	1 / 77	21.97	19.17	0.083	33.01	-13.84
	64-QAM	2562.5	-2.80	1 / 37	21.04	18.24	0.067	33.01	-14.77
	256-QAM	2562.5	-2.80	1 / 37	19.07	16.27	0.042	33.01	-16.75
	π/2 BPSK	2510.0	-2.80	1 / 1	22.46	19.66	0.093	33.01	-13.35
		2535.0	-2.80	1 / 53	22.49	19.69	0.093	33.01	-13.32
		2560.0	-2.80	1 / 53	22.47	19.67	0.093	33.01	-13.35
20 MHz	QPSK	2510.0	-2.80	1 / 104	22.70	19.90	0.098	33.01	-13.11
		2535.0	-2.80	1 / 53	22.38	19.58	0.091	33.01	-13.43
		2560.0	-2.80	1 / 53	22.58	19.78	0.095	33.01	-13.23
	16-QAM	2560.0	-2.80	1 / 1	21.51	18.71	0.074	33.01	-14.30
	64-QAM	2560.0	-2.80	1 / 1	21.05	18.25	0.067	33.01	-14.76
	256-QAM	2560.0	-2.80	1 / 1	18.96	16.16	0.041	33.01	-16.85
	π/2 BPSK	2512.5	-2.80	1 / 1	20.65	17.85	0.061	33.01	-15.16
		2535.0	-2.80	1 / 66	20.70	17.90	0.062	33.01	-15.11
		2557.5	-2.80	1 / 66	20.50	17.70	0.059	33.01	-15.31
25 MHz	QPSK	2512.5	-2.80	1 / 131	20.55	17.75	0.060	33.01	-15.26
		2535.0	-2.80	1 / 1	20.70	17.90	0.062	33.01	-15.11
		2557.5	-2.80	1 / 1	20.40	17.60	0.057	33.01	-15.41
	16-QAM	2535.0	-2.80	1 / 131	19.62	16.82	0.048	33.01	-16.19
	64-QAM	2535.0	-2.80	1 / 1	18.82	16.02	0.040	33.01	-16.99
	256-QAM	2512.5	-2.80	1 / 1	16.97	14.17	0.026	33.01	-18.84
	π/2 BPSK	2515.0	-2.80	1 / 80	20.36	17.56	0.057	33.01	-15.45
		2535.0	-2.80	1 / 80	20.52	17.72	0.059	33.01	-15.29
		2555.0	-2.80	1 / 1	20.46	17.66	0.058	33.01	-15.35
30 MHz	QPSK	2515.0	-2.80	1 / 80	20.63	17.83	0.061	33.01	-15.18
		2535.0	-2.80	1 / 80	20.70	17.90	0.062	33.01	-15.11
		2555.0	-2.80	1 / 80	20.52	17.72	0.059	33.01	-15.29
	16-QAM	2515.0	-2.80	1 / 1	19.84	17.04	0.051	33.01	-15.97
	64-QAM	2535.0	-2.80	1 / 1	18.86	16.06	0.040	33.01	-16.96
	256-QAM	2535.0	-2.80	1 / 1	16.99	14.19	0.026	33.01	-18.82
	π/2 BPSK	2520.0	-2.80	1 / 1	20.52	17.72	0.059	33.01	-15.29
		2535.0	-2.80	1 / 108	20.31	17.51	0.056	33.01	-15.50
		2550.0	-2.80	1 / 214	20.70	17.90	0.062	33.01	-15.11
40 MHz	QPSK	2520.0	-2.80	1 / 1	20.43	17.63	0.058	33.01	-15.38
		2535.0	-2.80	1 / 108	20.53	17.73	0.059	33.01	-15.28
		2550.0	-2.80	1 / 1	20.47	17.67	0.059	33.01	-15.34
	16-QAM	2550.0	-2.80	1 / 214	19.46	16.66	0.046	33.01	-16.35
	64-QAM	2550.0	-2.80	1 / 108	18.83	16.03	0.040	33.01	-16.98
	256-QAM	2520.0	-2.80	1 / 108	17.00	14.20	0.026	33.01	-18.81

Table 7-19. Antenna 1b EIRP Data (NR Band n7)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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NR Band n41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
20 MHz	π/2 BPSK	2506.0	-3.80	1 / 25	27.59	23.79	0.239	33.01	-9.22	
		2593.0	-3.80	1 / 25	27.38	23.58	0.228	33.01	-9.44	
		2680.0	-3.80	1 / 49	27.70	23.90	0.245	33.01	-9.11	
	QPSK	2506.0	-3.80	1 / 49	27.66	23.86	0.243	33.01	-9.15	
		2593.0	-3.80	1 / 49	27.62	23.82	0.241	33.01	-9.19	
		2680.0	-3.80	1 / 1	27.70	23.90	0.245	33.01	-9.11	
	16-QAM	2593.0	-3.80	1 / 25	26.72	22.92	0.196	33.01	-10.09	
	64-QAM	2506.0	-3.80	1 / 49	25.53	21.73	0.149	33.01	-11.28	
	256-QAM	2680.0	-3.80	1 / 1	23.28	19.48	0.089	33.01	-13.53	
	π/2 BPSK	2511.0	-3.80	1 / 53	27.54	23.74	0.236	33.01	-9.27	
30 MHz		2593.0	-3.80	1 / 53	27.29	23.49	0.224	33.01	-9.52	
		2675.0	-3.80	1 / 53	27.70	23.90	0.245	33.01	-9.11	
QPSK	2511.0	-3.80	1 / 104	27.36	23.56	0.227	33.01	-9.45		
	2593.0	-3.80	1 / 104	27.60	23.80	0.240	33.01	-9.21		
	2675.0	-3.80	1 / 104	27.43	23.63	0.231	33.01	-9.38		
16-QAM	2675.0	-3.80	1 / 104	26.49	22.69	0.186	33.01	-10.32		
64-QAM	2511.0	-3.80	1 / 1	25.36	21.56	0.143	33.01	-11.45		
256-QAM	2511.0	-3.80	1 / 104	23.21	19.41	0.087	33.01	-13.61		
π/2 BPSK	2516.0	-3.80	1 / 53	27.34	23.54	0.226	33.01	-9.47		
	40 MHz		2593.0	-3.80	1 / 53	27.64	23.84	0.242	33.01	-9.17
			2670.0	-3.80	1 / 104	27.54	23.74	0.236	33.01	-9.27
QPSK	2516.0	-3.80	1 / 104	27.57	23.77	0.238	33.01	-9.24		
	2593.0	-3.80	1 / 1	27.66	23.86	0.243	33.01	-9.15		
	2670.0	-3.80	1 / 53	27.70	23.90	0.245	33.01	-9.11		
16-QAM	2516.0	-3.80	1 / 104	27.07	23.27	0.212	33.01	-9.74		
64-QAM	2516.0	-3.80	1 / 104	25.68	21.88	0.154	33.01	-11.13		
256-QAM	2516.0	-3.80	1 / 104	23.83	20.03	0.101	33.01	-12.98		
50 MHz	π/2 BPSK	2521.0	-3.80	1 / 131	27.45	23.65	0.232	33.01	-9.36	
		2593.0	-3.80	1 / 1	27.65	23.85	0.243	33.01	-9.16	
		2665.0	-3.80	1 / 1	27.70	23.90	0.245	33.01	-9.11	
	QPSK	2521.0	-3.80	1 / 131	27.67	23.87	0.244	33.01	-9.14	
		2593.0	-3.80	1 / 66	27.61	23.81	0.240	33.01	-9.20	
		2665.0	-3.80	1 / 66	27.67	23.87	0.244	33.01	-9.14	
	16-QAM	2521.0	-3.80	1 / 131	26.80	23.00	0.200	33.01	-10.01	
	64-QAM	2665.0	-3.80	1 / 66	25.41	21.61	0.145	33.01	-11.40	
	256-QAM	2665.0	-3.80	1 / 1	23.25	19.45	0.088	33.01	-13.56	
	π/2 BPSK	2526.0	-3.80	1 / 81	27.15	23.35	0.216	33.01	-9.66	
60 MHz		2593.0	-3.80	1 / 160	27.39	23.59	0.229	33.01	-9.42	
		2660.0	-3.80	1 / 160	27.70	23.90	0.245	33.01	-9.11	
QPSK	2526.0	-3.80	1 / 81	27.39	23.59	0.229	33.01	-9.42		
	2593.0	-3.80	1 / 1	27.66	23.86	0.243	33.01	-9.15		
	2660.0	-3.80	1 / 160	27.70	23.90	0.245	33.01	-9.11		
16-QAM	2593.0	-3.80	1 / 160	27.03	23.23	0.210	33.01	-9.78		
64-QAM	2593.0	-3.80	1 / 160	25.41	21.61	0.145	33.01	-11.40		
256-QAM	2660.0	-3.80	1 / 1	23.26	19.46	0.088	33.01	-13.55		
π/2 BPSK	2536.0	-3.80	1 / 108	27.42	23.62	0.230	33.01	-9.39		
	80 MHz		2593.0	-3.80	1 / 215	27.53	23.73	0.236	33.01	-9.28
			2650.0	-3.80	1 / 108	27.66	23.86	0.243	33.01	-9.15
QPSK	2536.0	-3.80	1 / 215	27.25	23.45	0.222	33.01	-9.56		
	2593.0	-3.80	1 / 108	27.45	23.65	0.232	33.01	-9.36		
	2650.0	-3.80	1 / 215	27.55	23.75	0.237	33.01	-9.26		
16-QAM	2593.0	-3.80	1 / 215	26.61	22.81	0.191	33.01	-10.20		
64-QAM	2650.0	-3.80	1 / 215	25.46	21.66	0.147	33.01	-11.35		
256-QAM	2650.0	-3.80	1 / 1	22.86	19.06	0.081	33.01	-13.95		
π/2 BPSK	2541.0	-3.80	1 / 243	27.60	23.80	0.240	33.01	-9.21		
	90 MHz		2593.0	-3.80	1 / 243	27.61	23.81	0.240	33.01	-9.21
			2645.0	-3.80	1 / 243	27.42	23.62	0.230	33.01	-9.39
QPSK	2541.0	-3.80	1 / 122	27.44	23.64	0.231	33.01	-9.37		
	2593.0	-3.80	1 / 243	27.67	23.87	0.244	33.01	-9.14		
	2645.0	-3.80	1 / 122	27.66	23.86	0.243	33.01	-9.15		
16-QAM	2593.0	-3.80	1 / 122	26.51	22.71	0.187	33.01	-10.30		
64-QAM	2645.0	-3.80	1 / 243	25.51	21.71	0.148	33.01	-11.30		
256-QAM	2645.0	-3.80	1 / 122	23.14	19.34	0.086	33.01	-13.67		
π/2 BPSK	2546.0	-3.80	1 / 136	27.30	23.50	0.224	33.01	-9.52		
	100 MHz		2593.0	-3.80	1 / 271	27.54	23.74	0.237	33.01	-9.27
			2640.0	-3.80	1 / 136	27.55	23.75	0.237	33.01	-9.26
QPSK	2546.0	-3.80	1 / 271	27.38	23.58	0.228	33.01	-9.43		
	2593.0	-3.80	1 / 271	27.48	23.68	0.233	33.01	-9.33		
	2640.0	-3.80	1 / 271	27.70	23.90	0.245	33.01	-9.11		
16-QAM	2640.0	-3.80	1 / 271	26.85	23.05	0.202	33.01	-9.96		
64-QAM	2546.0	-3.80	1 / 271	25.30	21.50	0.141	33.01	-11.51		
256-QAM	2640.0	-3.80	1 / 136	23.05	19.25	0.084	33.01	-13.76		

Table 7-20. Antenna 1b EIRP Data (NR Band n41)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device				Page 179 of 250

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NR Band n41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	$\pi/2$ BPSK	2506.0	-3.80	1 / 49	25.52	21.72	0.148	33.01	-11.29
		2593.0	-3.80	1 / 1	25.43	21.63	0.146	33.01	-11.38
		2680.0	-3.80	1 / 1	25.58	21.78	0.151	33.01	-11.23
	QPSK	2506.0	-3.80	1 / 25	25.07	21.27	0.134	33.01	-11.74
		2593.0	-3.80	1 / 1	25.61	21.81	0.152	33.01	-11.20
		2680.0	-3.80	1 / 49	25.70	21.90	0.155	33.01	-11.11
	16-QAM	2593.0	-3.80	1 / 1	24.67	20.87	0.122	33.01	-12.14
		2593.0	-3.80	1 / 1	23.95	20.15	0.104	33.01	-12.86
		2680.0	-3.80	1 / 1	21.47	17.67	0.058	33.01	-15.34
30 MHz	$\pi/2$ BPSK	2511.0	-3.80	1 / 1	25.51	21.71	0.148	33.01	-11.30
		2593.0	-3.80	1 / 1	25.62	21.82	0.152	33.01	-11.19
		2675.0	-3.80	1 / 1	25.58	21.78	0.151	33.01	-11.23
	QPSK	2511.0	-3.80	1 / 1	25.62	21.82	0.152	33.01	-11.19
		2593.0	-3.80	1 / 1	25.69	21.89	0.155	33.01	-11.12
		2675.0	-3.80	1 / 1	25.66	21.86	0.153	33.01	-11.15
	16-QAM	2675.0	-3.80	1 / 53	24.67	20.87	0.122	33.01	-12.14
		2593.0	-3.80	1 / 53	23.88	20.08	0.102	33.01	-12.93
		2675.0	-3.80	1 / 53	20.71	16.91	0.049	33.01	-16.10
40 MHz	$\pi/2$ BPSK	2516.0	-3.80	1 / 53	25.64	21.84	0.153	33.01	-11.17
		2593.0	-3.80	1 / 104	25.60	21.80	0.151	33.01	-11.21
		2670.0	-3.80	1 / 104	25.51	21.71	0.148	33.01	-11.30
	QPSK	2516.0	-3.80	1 / 104	25.45	21.65	0.146	33.01	-11.36
		2593.0	-3.80	1 / 104	25.70	21.90	0.155	33.01	-11.11
		2670.0	-3.80	1 / 53	25.42	21.62	0.145	33.01	-11.39
	16-QAM	2670.0	-3.80	1 / 1	24.37	20.57	0.114	33.01	-12.44
		2670.0	-3.80	1 / 53	23.53	19.73	0.094	33.01	-13.28
		2670.0	-3.80	1 / 104	21.49	17.69	0.059	33.01	-15.32
50 MHz	$\pi/2$ BPSK	2521.0	-3.80	1 / 66	25.64	21.84	0.153	33.01	-11.18
		2593.0	-3.80	1 / 131	25.37	21.57	0.143	33.01	-11.44
		2665.0	-3.80	1 / 66	25.52	21.72	0.149	33.01	-11.29
	QPSK	2521.0	-3.80	1 / 131	25.70	21.90	0.155	33.01	-11.11
		2593.0	-3.80	1 / 66	25.31	21.51	0.141	33.01	-11.50
		2665.0	-3.80	1 / 131	25.69	21.89	0.155	33.01	-11.12
	16-QAM	2521.0	-3.80	1 / 66	25.03	21.23	0.133	33.01	-11.78
		2521.0	-3.80	1 / 66	23.87	20.07	0.102	33.01	-12.94
		2665.0	-3.80	1 / 66	21.47	17.67	0.058	33.01	-15.34
60 MHz	$\pi/2$ BPSK	2526.0	-3.80	1 / 81	25.33	21.53	0.142	33.01	-11.48
		2593.0	-3.80	1 / 81	25.63	21.83	0.152	33.01	-11.18
		2660.0	-3.80	1 / 160	25.50	21.70	0.148	33.01	-11.31
	QPSK	2526.0	-3.80	1 / 160	25.70	21.90	0.155	33.01	-11.11
		2593.0	-3.80	1 / 160	25.52	21.72	0.149	33.01	-11.29
		2660.0	-3.80	1 / 160	25.59	21.79	0.151	33.01	-11.22
	16-QAM	2660.0	-3.80	1 / 160	24.44	20.64	0.116	33.01	-12.37
		2660.0	-3.80	1 / 1	23.56	19.76	0.095	33.01	-13.25
		256-QAM	2660.0	-3.80	1 / 1	21.48	17.68	0.059	33.01
80 MHz	$\pi/2$ BPSK	2536.0	-3.80	1 / 108	25.51	21.71	0.148	33.01	-11.30
		2593.0	-3.80	1 / 108	25.62	21.82	0.152	33.01	-11.19
		2650.0	-3.80	1 / 1	25.67	21.87	0.154	33.01	-11.14
	QPSK	2536.0	-3.80	1 / 108	25.62	21.82	0.152	33.01	-11.19
		2593.0	-3.80	1 / 108	25.69	21.89	0.155	33.01	-11.12
		2650.0	-3.80	1 / 215	25.70	21.90	0.155	33.01	-11.11
	16-QAM	2593.0	-3.80	1 / 215	24.46	20.66	0.116	33.01	-12.35
		2593.0	-3.80	1 / 215	23.86	20.06	0.101	33.01	-12.95
		2593.0	-3.80	1 / 215	21.16	17.36	0.055	33.01	-15.65
90 MHz	$\pi/2$ BPSK	2541.0	-3.80	1 / 122	25.61	21.81	0.152	33.01	-11.20
		2593.0	-3.80	1 / 243	25.53	21.73	0.149	33.01	-11.28
		2645.0	-3.80	1 / 243	25.70	21.90	0.155	33.01	-11.11
	QPSK	2541.0	-3.80	1 / 122	25.68	21.88	0.154	33.01	-11.13
		2593.0	-3.80	1 / 243	25.68	21.88	0.154	33.01	-11.13
		2645.0	-3.80	1 / 243	25.51	21.71	0.148	33.01	-11.30
	16-QAM	2645.0	-3.80	1 / 1	24.55	20.75	0.119	33.01	-12.26
		2645.0	-3.80	1 / 243	24.14	20.34	0.108	33.01	-12.67
		2645.0	-3.80	1 / 1	21.14	17.34	0.054	33.01	-15.67
100 MHz	$\pi/2$ BPSK	2546.0	-3.80	1 / 136	25.59	21.79	0.151	33.01	-11.22
		2593.0	-3.80	1 / 136	25.67	21.87	0.154	33.01	-11.14
		2640.0	-3.80	1 / 136	25.62	21.82	0.152	33.01	-11.19
	QPSK	2546.0	-3.80	1 / 271	25.68	21.88	0.154	33.01	-11.13
		2593.0	-3.80	1 / 271	25.54	21.74	0.149	33.01	-11.27
		2640.0	-3.80	1 / 136	25.70	21.90	0.155	33.01	-11.11
	16-QAM	2640.0	-3.80	1 / 271	24.71	20.91	0.123	33.01	-12.10
		2593.0	-3.80	1 / 271	23.85	20.05	0.101	33.01	-12.96
		2593.0	-3.80	1 / 271	21.20	17.40	0.055	33.01	-15.61

Table 7-21. Antenna 1b EIRP Data (NR Band n41)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager
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ULCA - Band 7

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	22.89	-2.80	20.09	0.102	33.01	-12.92
			QPSK	21100	2535.0	1	99	QPSK	21298	2554.8	1	0	23	-2.80	20.20	0.105	33.01	-12.81
			QPSK	21350	2560.0	1	0	QPSK	21152	2540.2	1	99	22.95	-2.80	20.15	0.104	33.01	-12.86
			QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	20.73	-2.80	17.93	0.062	33.01	-15.08
			16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	19.75	-2.80	16.55	0.050	33.01	-16.06
			64-QAM	21100	2535	100	0	64-QAM	21298	2554.8	100	0	18.72	-2.80	15.92	0.039	33.01	-17.09
			256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	17.74	-2.80	14.94	0.031	33.01	-18.07

Table 7-22. Antenna 1b EIRP Data (ULCA LTE Band 7)

ULCA - Band 41 (PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	24.6	-3.80	20.80	0.120	33.01	-12.21
			QPSK	40620	2593.0	1	99	QPSK	40818	2612.8	1	0	24.83	-3.80	21.03	0.127	33.01	-11.98
			QPSK	41490	2680.0	1	0	QPSK	41292	2660.2	1	99	24.7	-3.80	20.90	0.123	33.01	-12.11
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	23.01	-3.80	19.21	0.083	33.01	-13.80
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	22.03	-3.80	18.23	0.067	33.01	-14.78
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	21.2	-3.80	17.40	0.055	33.01	-15.61
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	20.07	-3.80	16.27	0.042	33.01	-16.74

Table 7-23. Antenna 1b EIRP Data (ULCA LTE Band 41 (PC2))

ULCA - Band 41 (PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	24.85	-3.80	21.05	0.127	33.01	-11.98
			QPSK	40620	2593.0	1	99	QPSK	40818	2612.8	1	0	25	-3.80	21.20	0.132	33.01	-11.81
			QPSK	41490	2680.0	1	0	QPSK	41292	2660.2	1	99	24.3	-3.80	20.59	0.112	33.01	-12.51
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	22.24	-3.80	19.44	0.088	33.01	-13.57
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	22.21	-3.80	18.41	0.069	33.01	-14.60
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	21.25	-3.80	17.45	0.056	33.01	-15.56
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	20.25	-3.80	16.45	0.044	33.01	-16.56

Table 7-24. Antenna 1b EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager
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7.6.3 Antenna 3b – EIRP

LTE Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-1.90	1 / 12	23.97	22.07	0.161	23.98	-1.91
		2310.0	-1.90	1 / 24	24.20	22.30	0.170	23.98	-1.68
		2312.5	-1.90	1 / 24	24.07	22.17	0.165	23.98	-1.81
	10 MHz	16-QAM	2310.0	-1.90	1 / 24	23.72	21.82	0.152	23.98
		64-QAM	2312.5	-1.90	1 / 24	22.34	20.44	0.111	23.98
		256-QAM	2310.0	-1.90	1 / 24	20.09	18.19	0.066	23.98
		QPSK	2310.0	-1.90	1 / 25	24.20	22.30	0.170	23.98
		16-QAM	2310.0	-1.90	1 / 25	23.17	21.27	0.134	23.98
		64-QAM	2310.0	-1.90	1 / 25	21.94	20.04	0.101	23.98
		256-QAM	2310.0	-1.90	1 / 49	19.92	18.02	0.063	23.98
									-5.96

Table 7-25. Antenna 3b EIRP Data (LTE Band 30)

FCC ID: BCGA2568	 PCTEST® <small>Proud to be part of element</small>			PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device			

LTE Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	-4.30	1 / 24	24.20	19.90	0.098	33.01	-13.11
		2535.0	-4.30	1 / 0	24.10	19.80	0.095	33.01	-13.21
		2567.5	-4.30	1 / 24	24.03	19.73	0.094	33.01	-13.28
	16-QAM	2535.0	-4.30	1 / 12	23.70	19.40	0.087	33.01	-13.61
	64-QAM	2502.5	-4.30	1 / 0	22.72	18.42	0.070	33.01	-14.59
	256-QAM	2567.5	-4.30	1 / 0	19.90	15.60	0.036	33.01	-17.41
10 MHz	QPSK	2505.0	-4.30	1 / 49	24.13	19.83	0.096	33.01	-13.18
		2535.0	-4.30	1 / 25	24.07	19.77	0.095	33.01	-13.24
		2565.0	-4.30	1 / 0	24.20	19.90	0.098	33.01	-13.11
	16-QAM	2535.0	-4.30	1 / 49	23.57	19.27	0.085	33.01	-13.74
	64-QAM	2565.0	-4.30	1 / 49	22.60	18.30	0.068	33.01	-14.71
	256-QAM	2565.0	-4.30	1 / 49	19.96	15.66	0.037	33.01	-17.35
15 MHz	QPSK	2507.5	-4.30	1 / 0	24.20	19.90	0.098	33.01	-13.11
		2535.0	-4.30	1 / 0	23.98	19.68	0.093	33.01	-13.33
		2562.5	-4.30	1 / 0	24.04	19.74	0.094	33.01	-13.27
	16-QAM	2535.0	-4.30	1 / 0	23.48	19.18	0.083	33.01	-13.83
	64-QAM	2507.5	-4.30	1 / 0	22.84	18.54	0.071	33.01	-14.47
	256-QAM	2562.5	-4.30	1 / 0	19.85	15.55	0.036	33.01	-17.46
20 MHz	QPSK	2510.0	-4.30	1 / 0	23.91	19.61	0.091	33.01	-13.40
		2535.0	-4.30	1 / 0	24.12	19.82	0.096	33.01	-13.19
		2560.0	-4.30	1 / 99	24.20	19.90	0.098	33.01	-13.11
	16-QAM	2535.0	-4.30	1 / 99	23.76	19.46	0.088	33.01	-13.55
	64-QAM	2510.0	-4.30	1 / 0	22.95	18.65	0.073	33.01	-14.36
	256-QAM	2560.0	-4.30	1 / 0	19.85	15.55	0.036	33.01	-17.46

Table 7-26. Antenna 3b EIRP Data (LTE Band 7)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT				Approved by: Quality Manager
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LTE Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
5 MHz	QPSK	2498.5	-4.40	1 / 24	26.12	21.72	0.149	33.01	-11.29	
		2593.0	-4.40	1 / 24	26.20	21.80	0.151	33.01	-11.21	
		2687.5	-4.40	1 / 24	26.08	21.68	0.147	33.01	-11.33	
	16-QAM	2593.0	-4.40	1 / 0	25.80	21.40	0.138	33.01	-11.61	
		2593.0	-4.40	1 / 0	25.28	20.88	0.122	33.01	-12.13	
		2687.5	-4.40	1 / 12	22.05	17.65	0.058	33.01	-15.36	
	10 MHz	2501.0	-4.40	1 / 49	26.09	21.69	0.148	33.01	-11.32	
		2593.0	-4.40	1 / 0	26.20	21.80	0.151	33.01	-11.21	
		2685.0	-4.40	1 / 49	26.19	21.79	0.151	33.01	-11.22	
		16-QAM	2593.0	-4.40	1 / 49	25.49	21.09	0.129	33.01	-11.92
		64-QAM	2685.0	-4.40	1 / 25	24.74	20.34	0.108	33.01	-12.67
		256-QAM	2685.0	-4.40	1 / 25	22.04	17.64	0.058	33.01	-15.37
		2503.5	-4.40	1 / 0	26.05	21.65	0.146	33.01	-11.36	
15 MHz	QPSK	2593.0	-4.40	1 / 0	26.20	21.80	0.151	33.01	-11.21	
		2682.5	-4.40	1 / 74	26.06	21.66	0.147	33.01	-11.35	
		16-QAM	2682.5	-4.40	1 / 74	25.63	21.23	0.133	33.01	-11.78
	64-QAM	2593.0	-4.40	1 / 74	24.83	20.43	0.110	33.01	-12.58	
		2593.0	-4.40	1 / 0	21.98	17.58	0.057	33.01	-15.43	
		2506.0	-4.40	1 / 99	25.86	21.46	0.140	33.01	-11.55	
20 MHz	QPSK	2593.0	-4.40	1 / 99	26.02	21.62	0.145	33.01	-11.39	
		2680.0	-4.40	1 / 99	26.20	21.80	0.151	33.01	-11.21	
		16-QAM	2680.0	-4.40	1 / 99	25.75	21.35	0.136	33.01	-11.66
	64-QAM	2680.0	-4.40	1 / 99	24.63	20.23	0.105	33.01	-12.78	
		256-QAM	2680.0	-4.40	1 / 99	22.05	17.65	0.058	33.01	-15.36

Table 7-27. Antenna 3b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 184 of 250	

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LTE Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-4.40	1 / 24	25.58	21.18	0.131	33.01	-11.83
		2593.0	-4.40	1 / 24	25.70	21.30	0.135	33.01	-11.71
		2687.5	-4.40	1 / 0	25.65	21.25	0.133	33.01	-11.76
	16-QAM	2593.0	-4.40	1 / 12	24.99	20.59	0.115	33.01	-12.42
		2593.0	-4.40	1 / 0	24.06	19.66	0.092	33.01	-13.35
		2687.5	-4.40	1 / 0	21.21	16.81	0.048	33.01	-16.20
	10 MHz	2501.0	-4.40	1 / 0	25.52	21.12	0.129	33.01	-11.89
		2593.0	-4.40	1 / 0	25.70	21.30	0.135	33.01	-11.71
		2685.0	-4.40	1 / 49	25.56	21.16	0.131	33.01	-11.85
	16-QAM	2593.0	-4.40	1 / 0	24.93	20.53	0.113	33.01	-12.48
		2685.0	-4.40	1 / 0	23.51	19.11	0.081	33.01	-13.90
		2593.0	-4.40	1 / 0	21.24	16.84	0.048	33.01	-16.17
15 MHz	QPSK	2503.5	-4.40	1 / 0	25.51	21.11	0.129	33.01	-11.90
		2593.0	-4.40	1 / 74	25.70	21.30	0.135	33.01	-11.71
		2682.5	-4.40	1 / 74	25.68	21.28	0.134	33.01	-11.73
	16-QAM	2682.5	-4.40	1 / 74	24.75	20.35	0.108	33.01	-12.66
		2593.0	-4.40	1 / 74	23.67	19.27	0.085	33.01	-13.74
		2593.0	-4.40	1 / 0	21.18	16.78	0.048	33.01	-16.23
20 MHz	QPSK	2506.0	-4.40	1 / 0	25.49	21.09	0.129	33.01	-11.92
		2593.0	-4.40	1 / 99	25.69	21.29	0.135	33.01	-11.72
		2680.0	-4.40	1 / 99	25.70	21.30	0.135	33.01	-11.71
	16-QAM	2593.0	-4.40	1 / 99	25.01	20.61	0.115	33.01	-12.40
		2680.0	-4.40	1 / 99	23.50	19.10	0.081	33.01	-13.91
		2680.0	-4.40	1 / 0	21.21	16.81	0.048	33.01	-16.20

Table 7-28. Antenna 3b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT				Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device			Page 185 of 250

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NR Band n30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2307.5	-1.90	1 / 12	19.70	17.80	0.060	23.98	-6.18
		2310.0	-1.90	1 / 1	19.56	17.66	0.058	23.98	-6.32
		2312.5	-1.90	1 / 12	19.43	17.53	0.057	23.98	-6.45
	QPSK	2307.5	-1.90	1 / 12	19.46	17.56	0.057	23.98	-6.42
		2310.0	-1.90	1 / 23	19.53	17.63	0.058	23.98	-6.35
		2312.5	-1.90	1 / 1	19.70	17.80	0.060	23.98	-6.18
	16-QAM	2312.5	-1.90	1 / 23	19.07	17.17	0.052	23.98	-6.81
	64-QAM	2310.0	-1.90	1 / 12	18.52	16.62	0.046	23.98	-7.36
	256-QAM	2307.5	-1.90	1 / 12	15.85	13.95	0.025	23.98	-10.03
10 MHz	π/2 BPSK	2310.0	-1.90	1 / 1	19.70	17.80	0.060	23.98	-6.18
	QPSK	2310.0	-1.90	1 / 26	19.70	17.80	0.060	23.98	-6.18
	16-QAM	2310.0	-1.90	1 / 50	19.30	17.40	0.055	23.98	-6.58
	64-QAM	2310.0	-1.90	1 / 1	18.58	16.68	0.047	23.98	-7.30
	256-QAM	2310.0	-1.90	1 / 26	16.08	14.18	0.026	23.98	-9.80

Table 7-29. Antenna 3b EIRP Data (NR Band n30)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		

NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	-4.30	1 / 23	24.19	19.89	0.097	33.01	-13.12
		2535.0	-4.30	1 / 1	23.87	19.57	0.091	33.01	-13.44
		2567.5	-4.30	1 / 23	23.92	19.62	0.092	33.01	-13.39
	QPSK	2502.5	-4.30	1 / 12	23.95	19.65	0.092	33.01	-13.36
		2535.0	-4.30	1 / 12	23.96	19.66	0.093	33.01	-13.35
		2567.5	-4.30	1 / 12	24.20	19.90	0.098	33.01	-13.11
	16-QAM	2567.5	-4.30	1 / 23	23.40	19.10	0.081	33.01	-13.91
	64-QAM	2535.0	-4.30	1 / 1	22.27	17.97	0.063	33.01	-15.04
	256-QAM	2567.5	-4.30	1 / 1	20.68	16.38	0.043	33.01	-16.63
	π/2 BPSK	2505.0	-4.30	1 / 1	24.06	19.76	0.095	33.01	-13.25
10 MHz	QPSK	2535.0	-4.30	1 / 26	24.03	19.73	0.094	33.01	-13.28
		2565.0	-4.30	1 / 26	24.20	19.90	0.098	33.01	-13.11
		2505.0	-4.30	1 / 50	24.02	19.72	0.094	33.01	-13.29
	QPSK	2535.0	-4.30	1 / 50	24.16	19.86	0.097	33.01	-13.15
		2565.0	-4.30	1 / 26	23.94	19.64	0.092	33.01	-13.37
		2535.0	-4.30	1 / 26	23.66	19.36	0.086	33.01	-13.65
	16-QAM	2535.0	-4.30	1 / 26	22.37	18.07	0.064	33.01	-14.94
	64-QAM	2535.0	-4.30	1 / 26	20.43	16.13	0.041	33.01	-16.88
	256-QAM	2565.0	-4.30	1 / 26	20.38	16.08	0.041	33.01	-16.93
	π/2 BPSK	2507.5	-4.30	1 / 77	23.96	19.66	0.092	33.01	-13.36
15 MHz	QPSK	2535.0	-4.30	1 / 1	23.77	19.47	0.089	33.01	-13.54
		2562.5	-4.30	1 / 77	23.93	19.63	0.092	33.01	-13.38
		2507.5	-4.30	1 / 1	24.08	19.78	0.095	33.01	-13.23
	QPSK	2535.0	-4.30	1 / 1	24.20	19.90	0.098	33.01	-13.11
		2562.5	-4.30	1 / 37	23.96	19.66	0.092	33.01	-13.35
		2535.0	-4.30	1 / 77	23.42	19.12	0.082	33.01	-13.89
	16-QAM	2507.5	-4.30	1 / 37	22.46	18.16	0.065	33.01	-14.85
	64-QAM	2507.5	-4.30	1 / 37	20.38	16.08	0.041	33.01	-16.93
	256-QAM	2507.5	-4.30	1 / 37	20.38	16.08	0.041	33.01	-16.93
	π/2 BPSK	2510.0	-4.30	1 / 104	24.17	19.87	0.097	33.01	-13.14
20 MHz	QPSK	2535.0	-4.30	1 / 104	23.93	19.63	0.092	33.01	-13.38
		2560.0	-4.30	1 / 104	23.91	19.61	0.091	33.01	-13.40
		2510.0	-4.30	1 / 53	24.12	19.82	0.096	33.01	-13.19
	QPSK	2535.0	-4.30	1 / 1	24.20	19.90	0.098	33.01	-13.11
		2560.0	-4.30	1 / 104	24.01	19.71	0.094	33.01	-13.30
		2510.0	-4.30	1 / 53	23.35	19.05	0.080	33.01	-13.96
	16-QAM	2535.0	-4.30	1 / 53	22.42	18.12	0.065	33.01	-14.89
	64-QAM	2560.0	-4.30	1 / 53	20.39	16.09	0.041	33.01	-16.92
	256-QAM	2510.0	-4.30	1 / 1	21.94	17.64	0.058	33.01	-15.37
	π/2 BPSK	2512.5	-4.30	1 / 1	22.14	17.84	0.061	33.01	-15.17
25 MHz	QPSK	2535.0	-4.30	1 / 131	22.12	17.82	0.060	33.01	-15.19
		2557.5	-4.30	1 / 1	22.01	17.71	0.059	33.01	-15.30
		2512.5	-4.30	1 / 66	21.78	17.48	0.056	33.01	-15.53
	QPSK	2535.0	-4.30	1 / 131	22.20	17.90	0.062	33.01	-15.11
		2557.5	-4.30	1 / 1	21.47	17.17	0.052	33.01	-15.84
		2535.0	-4.30	1 / 1	20.28	15.98	0.040	33.01	-17.03
	16-QAM	2535.0	-4.30	1 / 1	18.22	13.92	0.025	33.01	-19.09
	64-QAM	2515.0	-4.30	1 / 80	21.89	17.59	0.057	33.01	-15.42
	256-QAM	2535.0	-4.30	1 / 80	22.15	17.85	0.061	33.01	-15.16
	π/2 BPSK	2515.0	-4.30	1 / 158	22.20	17.90	0.062	33.01	-15.11
30 MHz	QPSK	2535.0	-4.30	1 / 158	22.04	17.74	0.059	33.01	-15.27
		2555.0	-4.30	1 / 158	22.12	17.82	0.061	33.01	-15.19
		2515.0	-4.30	1 / 158	22.13	17.83	0.061	33.01	-15.18
	QPSK	2535.0	-4.30	1 / 1	22.13	17.74	0.059	33.01	-15.27
		2555.0	-4.30	1 / 158	22.12	17.82	0.061	33.01	-15.19
		2515.0	-4.30	1 / 158	21.59	17.29	0.054	33.01	-15.72
	16-QAM	2555.0	-4.30	1 / 80	20.32	16.02	0.040	33.01	-16.99
	64-QAM	2515.0	-4.30	1 / 80	18.16	13.86	0.024	33.01	-19.15
	256-QAM	2515.0	-4.30	1 / 80	22.04	17.74	0.059	33.01	-15.27
	π/2 BPSK	2520.0	-4.30	1 / 1	22.16	17.86	0.061	33.01	-15.15
40 MHz	QPSK	2535.0	-4.30	1 / 214	22.15	17.85	0.061	33.01	-15.16
		2550.0	-4.30	1 / 214	22.20	17.90	0.062	33.01	-15.11
		2520.0	-4.30	1 / 108	21.93	17.63	0.058	33.01	-15.38
	QPSK	2535.0	-4.30	1 / 214	22.16	17.86	0.061	33.01	-15.15
		2550.0	-4.30	1 / 1	22.20	17.90	0.062	33.01	-15.11
		2520.0	-4.30	1 / 108	21.30	17.00	0.050	33.01	-16.01
	16-QAM	2520.0	-4.30	1 / 1	20.37	16.07	0.040	33.01	-16.94
	64-QAM	2520.0	-4.30	1 / 1	18.32	14.02	0.025	33.01	-18.99
	256-QAM	2550.0	-4.30	1 / 1	18.32	14.02	0.025	33.01	-18.99

Table 7-30. Antenna 3b EIRP Data (NR Band n7)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device				Page 187 of 250

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NR Band n41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
20 MHz	π/2 BPSK	2506.0	-4.40	1 / 49	23.28	18.88	0.077	33.01	-14.13	
		2593.0	-4.40	1 / 49	23.38	18.98	0.079	33.01	-14.03	
		2680.0	-4.40	1 / 49	23.48	19.08	0.081	33.01	-13.93	
	QPSK	2506.0	-4.40	1 / 49	23.44	19.04	0.080	33.01	-13.97	
		2593.0	-4.40	1 / 49	23.70	19.30	0.085	33.01	-13.71	
		2680.0	-4.40	1 / 1	23.65	19.25	0.084	33.01	-13.76	
		16-QAM	2680.0	-4.40	1 / 1	23.32	18.92	0.078	33.01	-14.09
	64-QAM	2680.0	-4.40	1 / 25	22.21	17.81	0.060	33.01	-15.20	
		2680.0	-4.40	1 / 25	20.28	15.88	0.039	33.01	-17.13	
		256-QAM	2680.0	-4.40	1 / 25	18.41	0.025	33.01	-19.00	
30 MHz	π/2 BPSK	2511.0	-4.40	1 / 1	22.77	18.37	0.069	33.01	-14.64	
		2593.0	-4.40	1 / 1	23.31	18.91	0.078	33.01	-14.10	
		2675.0	-4.40	1 / 1	22.80	18.40	0.069	33.01	-14.61	
	QPSK	2511.0	-4.40	1 / 1	22.82	18.42	0.069	33.01	-14.59	
		2593.0	-4.40	1 / 1	22.85	18.45	0.070	33.01	-14.56	
		2675.0	-4.40	1 / 1	22.99	18.59	0.072	33.01	-14.42	
		16-QAM	2675.0	-4.40	1 / 104	22.47	18.07	0.064	33.01	-14.94
	64-QAM	2593.0	-4.40	1 / 53	21.23	16.83	0.048	33.01	-16.18	
		2511.0	-4.40	1 / 53	18.41	14.01	0.025	33.01	-19.00	
		256-QAM	2670.0	-4.40	1 / 1	19.26	14.86	0.031	33.01	-18.15
40 MHz	π/2 BPSK	2516.0	-4.40	1 / 53	23.29	18.89	0.077	33.01	-14.12	
		2593.0	-4.40	1 / 104	23.70	19.30	0.085	33.01	-13.71	
		2670.0	-4.40	1 / 1	23.68	19.28	0.085	33.01	-13.73	
	QPSK	2516.0	-4.40	1 / 104	23.16	18.76	0.075	33.01	-14.25	
		2593.0	-4.40	1 / 53	23.52	19.12	0.082	33.01	-13.89	
		2670.0	-4.40	1 / 104	23.63	19.23	0.084	33.01	-13.78	
		16-QAM	2670.0	-4.40	1 / 104	23.21	18.81	0.076	33.01	-14.20
	64-QAM	2670.0	-4.40	1 / 104	21.42	17.02	0.050	33.01	-15.99	
		256-QAM	2670.0	-4.40	1 / 1	19.26	14.86	0.031	33.01	-18.15
		2521.0	-4.40	1 / 131	23.52	19.12	0.082	33.01	-13.89	
50 MHz	π/2 BPSK	2593.0	-4.40	1 / 131	23.56	19.16	0.082	33.01	-13.85	
		2665.0	-4.40	1 / 66	23.69	19.29	0.085	33.01	-13.72	
		2521.0	-4.40	1 / 66	23.15	18.75	0.075	33.01	-14.27	
	QPSK	2593.0	-4.40	1 / 131	23.53	19.13	0.082	33.01	-13.88	
		2665.0	-4.40	1 / 1	23.70	19.30	0.085	33.01	-13.71	
		16-QAM	2665.0	-4.40	1 / 131	23.28	18.88	0.077	33.01	-14.13
		64-QAM	2665.0	-4.40	1 / 1	22.17	17.77	0.060	33.01	-15.24
	256-QAM	2665.0	-4.40	1 / 1	20.15	15.75	0.038	33.01	-17.26	
		2526.0	-4.40	1 / 160	23.41	19.01	0.080	33.01	-14.00	
		2593.0	-4.40	1 / 1	23.26	18.86	0.077	33.01	-14.15	
60 MHz	π/2 BPSK	2660.0	-4.40	1 / 160	23.70	19.30	0.085	33.01	-13.71	
		2526.0	-4.40	1 / 160	23.27	18.87	0.077	33.01	-14.14	
		2593.0	-4.40	1 / 1	23.63	19.23	0.084	33.01	-13.78	
	QPSK	2660.0	-4.40	1 / 160	23.44	19.04	0.080	33.01	-13.97	
		2593.0	-4.40	1 / 160	22.59	18.19	0.066	33.01	-14.82	
		2593.0	-4.40	1 / 1	21.80	17.40	0.055	33.01	-15.61	
		256-QAM	2593.0	-4.40	1 / 1	19.80	15.40	0.035	33.01	-17.61
	π/2 BPSK	2536.0	-4.40	1 / 215	23.22	18.82	0.076	33.01	-14.20	
		2593.0	-4.40	1 / 108	23.31	18.91	0.078	33.01	-14.10	
		2650.0	-4.40	1 / 215	23.70	19.30	0.085	33.01	-13.71	
80 MHz	QPSK	2536.0	-4.40	1 / 215	22.90	18.50	0.071	33.01	-14.51	
		2593.0	-4.40	1 / 108	23.27	18.87	0.077	33.01	-14.14	
		2650.0	-4.40	1 / 108	23.36	18.96	0.079	33.01	-14.05	
		16-QAM	2650.0	-4.40	1 / 215	22.69	18.29	0.068	33.01	-14.72
	64-QAM	2593.0	-4.40	1 / 215	21.84	17.44	0.055	33.01	-15.57	
		256-QAM	2650.0	-4.40	1 / 108	19.86	15.46	0.035	33.01	-17.55
		2536.0	-4.40	1 / 243	23.55	19.15	0.082	33.01	-13.86	
90 MHz	π/2 BPSK	2593.0	-4.40	1 / 243	23.70	19.30	0.085	33.01	-13.71	
		2645.0	-4.40	1 / 243	23.60	19.20	0.083	33.01	-13.81	
		2541.0	-4.40	1 / 243	23.58	19.18	0.083	33.01	-13.83	
	QPSK	2593.0	-4.40	1 / 122	23.63	19.23	0.084	33.01	-13.78	
		2645.0	-4.40	1 / 243	23.41	19.01	0.080	33.01	-14.00	
		16-QAM	2645.0	-4.40	1 / 243	23.34	18.94	0.078	33.01	-14.07
		64-QAM	2593.0	-4.40	1 / 122	21.72	17.32	0.054	33.01	-15.69
	256-QAM	2593.0	-4.40	1 / 122	19.70	15.30	0.034	33.01	-17.71	
		2546.0	-4.40	1 / 271	23.59	19.19	0.083	33.01	-13.82	
		2593.0	-4.40	1 / 136	23.70	19.30	0.085	33.01	-13.71	
100 MHz	π/2 BPSK	2640.0	-4.40	1 / 271	23.35	18.95	0.079	33.01	-14.06	
		2546.0	-4.40	1 / 271	23.69	19.29	0.085	33.01	-13.72	
		2593.0	-4.40	1 / 271	23.49	19.09	0.081	33.01	-13.92	
	QPSK	2640.0	-4.40	1 / 1	23.41	19.01	0.080	33.01	-14.00	
		16-QAM	2593.0	-4.40	1 / 271	22.98	18.58	0.072	33.01	-14.43
		64-QAM	2640.0	-4.40	1 / 1	21.78	17.38	0.055	33.01	-15.63
	256-QAM	2640.0	-4.40	1 / 1	19.76	15.36	0.034	33.01	-17.65	

Table 7-31. Antenna 3b EIRP Data (NR Band n41)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021						EUT Type: Tablet Device

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NR Band n41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
20 MHz	$\pi/2$ BPSK	2506.0	-4.40	1 / 25	23.08	18.68	0.074	33.01	-14.34	
		2593.0	-4.40	1 / 1	23.42	19.02	0.080	33.01	-13.99	
		2680.0	-4.40	1 / 1	23.64	19.24	0.084	33.01	-13.77	
	QPSK	2506.0	-4.40	1 / 49	23.08	18.68	0.074	33.01	-14.33	
		2593.0	-4.40	1 / 1	23.40	19.00	0.079	33.01	-14.01	
		2680.0	-4.40	1 / 49	23.70	19.30	0.085	33.01	-13.71	
		16-QAM	2680.0	-4.40	1 / 49	22.65	18.25	0.067	33.01	-14.76
	64-QAM	2680.0	-4.40	1 / 1	21.49	17.09	0.051	33.01	-15.92	
		2506.0	-4.40	1 / 1	20.62	16.22	0.042	33.01	-16.79	
		2511.0	-4.40	1 / 1	23.31	18.91	0.078	33.01	-14.10	
30 MHz	$\pi/2$ BPSK	2593.0	-4.40	1 / 1	23.18	18.78	0.076	33.01	-14.23	
		2675.0	-4.40	1 / 1	23.67	19.27	0.084	33.01	-13.74	
		2511.0	-4.40	1 / 53	22.73	18.33	0.068	33.01	-14.68	
	QPSK	2593.0	-4.40	1 / 53	23.36	18.96	0.079	33.01	-14.05	
		2675.0	-4.40	1 / 53	23.03	18.63	0.073	33.01	-14.38	
		16-QAM	2593.0	-4.40	1 / 53	22.53	18.13	0.065	33.01	-14.88
		2675.0	-4.40	1 / 53	21.00	16.60	0.046	33.01	-16.41	
	256-QAM	2675.0	-4.40	1 / 53	18.94	14.54	0.028	33.01	-18.47	
		2516.0	-4.40	1 / 104	23.53	19.13	0.082	33.01	-13.88	
		2593.0	-4.40	1 / 104	23.69	19.29	0.085	33.01	-13.72	
40 MHz	QPSK	2670.0	-4.40	1 / 104	23.53	19.13	0.082	33.01	-13.88	
		2516.0	-4.40	1 / 104	23.26	18.86	0.077	33.01	-14.15	
		2593.0	-4.40	1 / 53	23.63	19.23	0.084	33.01	-13.78	
		2670.0	-4.40	1 / 1	23.70	19.30	0.085	33.01	-13.71	
	16-QAM	2593.0	-4.40	1 / 53	22.68	18.28	0.067	33.01	-14.73	
		2670.0	-4.40	1 / 104	21.69	17.29	0.054	33.01	-15.72	
		2516.0	-4.40	1 / 1	20.65	16.25	0.042	33.01	-16.76	
	$\pi/2$ BPSK	2521.0	-4.40	1 / 66	23.47	19.07	0.081	33.01	-13.94	
		2593.0	-4.40	1 / 131	23.68	19.28	0.085	33.01	-13.73	
		2665.0	-4.40	1 / 1	23.51	19.11	0.081	33.01	-13.90	
50 MHz	QPSK	2521.0	-4.40	1 / 131	23.29	18.89	0.077	33.01	-14.12	
		2593.0	-4.40	1 / 1	23.55	19.15	0.082	33.01	-13.86	
		2665.0	-4.40	1 / 131	23.70	19.30	0.085	33.01	-13.71	
		16-QAM	2665.0	-4.40	1 / 131	22.68	18.28	0.067	33.01	-14.73
	64-QAM	2521.0	-4.40	1 / 131	21.41	17.01	0.050	33.01	-16.00	
		2521.0	-4.40	1 / 131	20.50	16.10	0.041	33.01	-16.91	
		2526.0	-4.40	1 / 160	23.42	19.02	0.080	33.01	-13.99	
	$\pi/2$ BPSK	2593.0	-4.40	1 / 81	23.67	19.27	0.084	33.01	-13.74	
		2660.0	-4.40	1 / 160	23.45	19.05	0.080	33.01	-13.96	
		2526.0	-4.40	1 / 81	23.18	18.78	0.075	33.01	-14.23	
60 MHz	QPSK	2593.0	-4.40	1 / 1	23.36	18.96	0.079	33.01	-14.05	
		2660.0	-4.40	1 / 160	23.70	19.30	0.085	33.01	-13.71	
		16-QAM	2593.0	-4.40	1 / 1	22.62	18.22	0.066	33.01	-14.79
		2640.0	-4.40	1 / 160	21.04	16.64	0.046	33.01	-16.37	
	256-QAM	2526.0	-4.40	1 / 160	20.47	16.07	0.040	33.01	-16.94	
		2536.0	-4.40	1 / 215	23.31	18.91	0.078	33.01	-14.10	
		2593.0	-4.40	1 / 108	23.38	18.98	0.079	33.01	-14.03	
80 MHz	QPSK	2650.0	-4.40	1 / 215	23.67	19.27	0.084	33.01	-13.74	
		2536.0	-4.40	1 / 215	23.03	18.63	0.073	33.01	-14.38	
		2593.0	-4.40	1 / 108	23.44	19.04	0.080	33.01	-13.97	
		2650.0	-4.40	1 / 215	23.70	19.30	0.085	33.01	-13.71	
	16-QAM	2650.0	-4.40	1 / 1	22.66	18.26	0.067	33.01	-14.75	
		2650.0	-4.40	1 / 1	21.44	17.04	0.051	33.01	-15.97	
		2536.0	-4.40	1 / 1	20.42	16.02	0.040	33.01	-16.99	
90 MHz	$\pi/2$ BPSK	2541.0	-4.40	1 / 243	23.03	18.63	0.073	33.01	-14.38	
		2593.0	-4.40	1 / 122	23.43	19.03	0.080	33.01	-13.98	
		2645.0	-4.40	1 / 243	23.54	19.14	0.082	33.01	-13.87	
	QPSK	2541.0	-4.40	1 / 243	23.10	18.70	0.074	33.01	-14.31	
		2593.0	-4.40	1 / 243	23.39	18.99	0.079	33.01	-14.02	
		2645.0	-4.40	1 / 243	23.70	19.30	0.085	33.01	-13.71	
	16-QAM	2593.0	-4.40	1 / 122	22.53	18.13	0.065	33.01	-14.88	
		2593.0	-4.40	1 / 243	21.40	17.00	0.050	33.01	-16.01	
		2541.0	-4.40	1 / 243	20.60	16.20	0.042	33.01	-16.81	
100 MHz	$\pi/2$ BPSK	2546.0	-4.40	1 / 271	23.39	18.99	0.079	33.01	-14.02	
		2593.0	-4.40	1 / 136	23.61	19.21	0.083	33.01	-13.80	
		2640.0	-4.40	1 / 1	23.62	19.22	0.084	33.01	-13.79	
	QPSK	2546.0	-4.40	1 / 271	23.49	19.09	0.081	33.01	-13.92	
		2593.0	-4.40	1 / 271	23.52	19.12	0.082	33.01	-13.89	
		2640.0	-4.40	1 / 271	23.70	19.30	0.085	33.01	-13.71	
	16-QAM	2546.0	-4.40	1 / 271	22.63	18.23	0.066	33.01	-14.78	
		2640.0	-4.40	1 / 271	21.46	17.06	0.051	33.01	-15.95	
		2546.0	-4.40	1 / 1	20.85	16.45	0.044	33.01	-16.56	

Table 7-32. Antenna 3b EIRP Data (NR Band n41)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device				Page 189 of 250
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ULCA - Band 7

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB							
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	24.37	-4.30	20.07	0.102	33.01	-12.94
				21100	2535.0	1	99		21298	2554.8	1	0	24.5	-4.30	20.20	0.105	33.01	-12.81
			QPSK	21350	2560.0	1	0	QPSK	21152	2540.2	1	99	24.36	-4.30	20.06	0.101	33.01	-12.95
				21100	2535	100	0		21298	2554.8	100	0	21.43	-4.30	17.13	0.052	33.01	-15.88
			16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	20.49	-4.30	16.19	0.042	33.01	-16.82
				64-QAM	21100	2535	100		64-QAM	21298	2554.8	100	0	20.43	-4.30	16.13	0.041	33.01
			256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	19.56	-4.30	14.26	0.027	33.01	-18.75

Table 7-33. Antenna 3b EIRP Data (ULCA LTE Band 7)

ULCA - Band 41 (PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB							
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	26.46	-4.40	22.06	0.161	33.01	-10.95
				40620	2593.0	1	99		40818	2612.8	1	0	26.44	-4.40	22.04	0.160	33.01	-10.97
			QPSK	41490	2680.0	1	0	QPSK	41292	2660.2	1	99	26.23	-4.40	21.83	0.152	33.01	-11.18
				39750	2506	100	0		39948	2525.8	100	0	24.68	-4.40	20.28	0.107	33.01	-12.73
			16-QAM	39750	2506	100	0	16-QAM	39948	2525.8	100	0	23.72	-4.40	19.32	0.086	33.01	-13.69
				64-QAM	39750	2506	100		64-QAM	39948	2525.8	100	0	22.71	-4.40	18.31	0.068	33.01
			256-QAM	39750	2506	100	0	256-QAM	39948	2525.8	100	0	21.68	-4.40	17.28	0.053	33.01	-15.73

Table 7-34. Antenna 3b EIRP Data (ULCA LTE Band 41 (PC2))

ULCA - Band 41 (PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB							
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	26.65	-4.40	21.25	0.133	33.01	-11.76
				40620	2593.0	1	99		40818	2612.8	1	0	25.7	-4.40	21.30	0.135	33.01	-11.71
			QPSK	41490	2680.0	1	0	QPSK	41292	2660.2	1	99	25.41	-4.40	21.01	0.126	33.01	-12.00
				40620	2593	100	0		40818	2612.8	100	0	23.97	-4.40	19.57	0.091	33.01	-13.44
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	22.95	-4.40	18.55	0.072	33.01	-14.46
				64-QAM	40620	2593	100		64-QAM	40818	2612.8	100	0	21.96	-4.40	17.56	0.057	33.01
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	20.95	-4.40	16.55	0.045	33.01	-16.46

Table 7-35. Antenna 3b EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager
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7.6.4 Antenna 2 – EIRP

LTE Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
5 MHz	QPSK	2307.5	0.90	1 / 24	22.70	23.60	0.229	23.98	-0.38	
		2310.0	0.90	1 / 24	22.63	23.53	0.225	23.98	-0.45	
		2312.5	0.90	1 / 24	22.53	23.43	0.220	23.98	-0.55	
	16-QAM	2310.0	0.90	1 / 24	21.93	22.83	0.192	23.98	-1.15	
		2312.5	0.90	1 / 24	20.80	21.70	0.148	23.98	-2.28	
	256-QAM	2312.5	0.90	1 / 0	18.06	18.96	0.079	23.98	-5.02	
	10 MHz	QPSK	2310.0	0.90	1 / 25	22.51	23.41	0.219	23.98	-0.57
		16-QAM	2310.0	0.90	1 / 25	21.87	22.77	0.189	23.98	-1.21
		64-QAM	2310.0	0.90	1 / 0	20.66	21.56	0.143	23.98	-2.42
		256-QAM	2310.0	0.90	1 / 49	18.26	19.16	0.082	23.98	-4.82

Table 7-36. Antenna 2 EIRP Data (LTE Band 30)

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 191 of 250	

LTE Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	0.80	1 / 24	23.16	23.96	0.249	33.01	-9.05
		2535.0	0.80	1 / 12	23.03	23.83	0.242	33.01	-9.18
		2567.5	0.80	1 / 12	23.12	23.92	0.247	33.01	-9.09
	16-QAM	2502.5	0.80	1 / 24	22.66	23.46	0.222	33.01	-9.55
	64-QAM	2502.5	0.80	1 / 0	21.78	22.58	0.181	33.01	-10.43
	256-QAM	2535.0	0.80	1 / 12	18.54	19.34	0.086	33.01	-13.67
10 MHz	QPSK	2505.0	0.80	1 / 49	23.05	23.85	0.243	33.01	-9.16
		2535.0	0.80	1 / 25	23.04	23.84	0.242	33.01	-9.17
		2565.0	0.80	1 / 25	23.16	23.96	0.249	33.01	-9.05
	16-QAM	2565.0	0.80	1 / 25	22.60	23.40	0.219	33.01	-9.61
	64-QAM	2505.0	0.80	1 / 25	21.42	22.22	0.167	33.01	-10.79
	256-QAM	2565.0	0.80	1 / 25	18.64	19.44	0.088	33.01	-13.57
15 MHz	QPSK	2507.5	0.80	1 / 0	23.12	23.92	0.247	33.01	-9.09
		2535.0	0.80	1 / 0	23.07	23.87	0.244	33.01	-9.14
		2562.5	0.80	1 / 0	23.17	23.97	0.249	33.01	-9.04
	16-QAM	2562.5	0.80	1 / 0	22.65	23.45	0.221	33.01	-9.56
	64-QAM	2507.5	0.80	1 / 0	21.69	22.49	0.177	33.01	-10.52
	256-QAM	2562.5	0.80	1 / 0	18.59	19.39	0.087	33.01	-13.62
20 MHz	QPSK	2510.0	0.80	1 / 0	23.20	24.00	0.251	33.01	-9.01
		2535.0	0.80	1 / 0	23.00	23.80	0.240	33.01	-9.21
		2560.0	0.80	1 / 0	23.14	23.94	0.248	33.01	-9.07
	16-QAM	2535.0	0.80	1 / 0	22.65	23.45	0.221	33.01	-9.56
	64-QAM	2510.0	0.80	1 / 0	21.75	22.55	0.180	33.01	-10.46
	256-QAM	2535.0	0.80	1 / 0	18.48	19.28	0.085	33.01	-13.73

Table 7-37. Antenna 2 EIRP Data (LTE Band 7)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT				Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device			Page 192 of 250

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LTE Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	0.30	1 / 24	24.20	24.50	0.282	33.01	-8.51
		2593.0	0.30	1 / 12	24.85	25.15	0.327	33.01	-7.86
		2687.5	0.30	1 / 12	24.66	24.96	0.313	33.01	-8.05
	16-QAM	2593.0	0.30	1 / 0	24.44	24.74	0.298	33.01	-8.27
		2593.0	0.30	1 / 0	23.90	24.20	0.263	33.01	-8.81
		2593.0	0.30	1 / 12	20.55	20.85	0.122	33.01	-12.16
	10 MHz	2501.0	0.30	1 / 49	24.20	24.50	0.282	33.01	-8.51
		2593.0	0.30	1 / 25	24.89	25.19	0.330	33.01	-7.82
		2685.0	0.30	1 / 25	24.81	25.11	0.324	33.01	-7.90
		2593.0	0.30	1 / 25	24.36	24.66	0.292	33.01	-8.35
		2685.0	0.30	1 / 25	23.42	23.72	0.236	33.01	-9.29
		2593.0	0.30	1 / 25	20.19	20.49	0.112	33.01	-12.52
		2503.5	0.30	1 / 0	24.20	24.50	0.282	33.01	-8.51
15 MHz	QPSK	2593.0	0.30	1 / 74	24.92	25.22	0.333	33.01	-7.79
		2682.5	0.30	1 / 0	24.69	24.99	0.316	33.01	-8.02
		2682.5	0.30	1 / 0	24.26	24.56	0.286	33.01	-8.45
	16-QAM	2593.0	0.30	1 / 0	23.49	23.79	0.239	33.01	-9.22
		2593.0	0.30	1 / 0	20.55	20.85	0.122	33.01	-12.16
		2506.0	0.30	1 / 0	24.20	24.50	0.282	33.01	-8.51
20 MHz	QPSK	2593.0	0.30	1 / 50	24.78	25.08	0.322	33.01	-7.93
		2680.0	0.30	1 / 50	24.87	25.17	0.329	33.01	-7.84
		2680.0	0.30	1 / 50	24.18	24.48	0.281	33.01	-8.53
	16-QAM	2680.0	0.30	1 / 50	23.34	23.64	0.231	33.01	-9.37
		2593.0	0.30	1 / 50	20.41	20.71	0.118	33.01	-12.30

Table 7-38. Antenna 2 EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 193 of 250	

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LTE Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
5 MHz	QPSK	2498.5	0.30	1 / 24	24.20	24.50	0.282	33.01	-8.51	
		2593.0	0.30	1 / 12	24.89	25.19	0.330	33.01	-7.82	
		2687.5	0.30	1 / 0	24.74	25.04	0.319	33.01	-7.97	
	16-QAM	2593.0	0.30	1 / 12	24.08	24.38	0.274	33.01	-8.63	
	64-QAM	2593.0	0.30	1 / 0	23.18	23.48	0.223	33.01	-9.53	
	256-QAM	2593.0	0.30	1 / 12	20.26	20.56	0.114	33.01	-12.45	
	QPSK	2501.0	0.30	1 / 49	24.20	24.50	0.282	33.01	-8.51	
10 MHz		2593.0	0.30	1 / 0	24.89	25.19	0.330	33.01	-7.82	
		2685.0	0.30	1 / 0	24.74	25.04	0.319	33.01	-7.97	
16-QAM	2593.0	0.30	1 / 0	24.17	24.47	0.280	33.01	-8.54		
64-QAM	2685.0	0.30	1 / 0	22.74	23.04	0.201	33.01	-9.97		
256-QAM	2685.0	0.30	1 / 25	19.95	20.25	0.106	33.01	-12.76		
QPSK	2503.5	0.30	1 / 0	24.20	24.50	0.282	33.01	-8.51		
	2593.0	0.30	1 / 74	24.73	25.03	0.318	33.01	-7.98		
	2682.5	0.30	1 / 74	24.66	24.96	0.313	33.01	-8.05		
15 MHz	16-QAM	2682.5	0.30	1 / 74	23.73	24.03	0.253	33.01	-8.98	
	64-QAM	2593.0	0.30	1 / 0	22.71	23.01	0.200	33.01	-10.00	
	256-QAM	2593.0	0.30	1 / 0	20.25	20.55	0.114	33.01	-12.46	
	QPSK	2506.0	0.30	1 / 0	24.20	24.50	0.282	33.01	-8.51	
		2593.0	0.30	1 / 50	24.75	25.05	0.320	33.01	-7.96	
		2680.0	0.30	1 / 50	24.74	25.04	0.319	33.01	-7.97	
	16-QAM	2593.0	0.30	1 / 50	24.07	24.37	0.274	33.01	-8.64	
	64-QAM	2593.0	0.30	1 / 0	22.55	22.85	0.193	33.01	-10.16	
	256-QAM	2593.0	0.30	1 / 50	19.96	20.26	0.106	33.01	-12.75	

Table 7-39. Antenna 2 EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 194 of 250	

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NR Band n30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2307.5	0.90	1 / 23	18.51	19.41	0.087	23.98	-4.57
		2310.0	0.90	1 / 23	18.62	19.52	0.089	23.98	-4.46
		2312.5	0.90	1 / 12	18.70	19.60	0.091	23.98	-4.38
	QPSK	2307.5	0.90	1 / 23	18.69	19.59	0.091	23.98	-4.38
		2310.0	0.90	1 / 23	18.70	19.60	0.091	23.98	-4.38
		2312.5	0.90	1 / 23	18.64	19.54	0.090	23.98	-4.44
	16-QAM	2310.0	0.90	1 / 12	18.45	19.35	0.086	23.98	-4.63
	64-QAM	2312.5	0.90	1 / 12	17.79	18.69	0.074	23.98	-5.29
	256-QAM	2307.5	0.90	1 / 23	14.45	15.35	0.034	23.98	-8.63
10 MHz	π/2 BPSK	2310.0	0.90	1 / 1	18.70	19.60	0.091	23.98	-4.38
	QPSK	2310.0	0.90	1 / 50	18.70	19.60	0.091	23.98	-4.38
	16-QAM	2310.0	0.90	1 / 26	18.00	18.90	0.078	23.98	-5.08
	64-QAM	2310.0	0.90	1 / 50	17.52	18.42	0.069	23.98	-5.56
	256-QAM	2310.0	0.90	1 / 50	14.32	15.22	0.033	23.98	-8.76

Table 7-40. Antenna 2 EIRP Data (NR Band n30)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 195 of 250	

NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	0.80	1 / 12	22.95	23.75	0.237	33.01	-9.26
		2535.0	0.80	1 / 1	22.98	23.78	0.239	33.01	-9.23
		2567.5	0.80	1 / 23	23.05	23.85	0.243	33.01	-9.16
	QPSK	2502.5	0.80	1 / 23	23.10	23.90	0.246	33.01	-9.11
		2535.0	0.80	1 / 1	23.20	24.00	0.251	33.01	-9.01
		2567.5	0.80	1 / 1	23.14	23.94	0.248	33.01	-9.07
	16-QAM	2567.5	0.80	1 / 1	22.67	23.47	0.222	33.01	-9.54
	64-QAM	2535.0	0.80	1 / 1	21.04	21.84	0.153	33.01	-11.17
	256-QAM	2502.5	0.80	1 / 1	18.98	19.78	0.095	33.01	-13.23
	π/2 BPSK	2505.0	0.80	1 / 26	23.12	23.92	0.247	33.01	-9.09
		2535.0	0.80	1 / 1	22.98	23.78	0.239	33.01	-9.23
		2565.0	0.80	1 / 1	23.16	23.96	0.249	33.01	-9.05
10 MHz	QPSK	2505.0	0.80	1 / 50	22.95	23.75	0.237	33.01	-9.26
		2535.0	0.80	1 / 26	23.20	24.00	0.251	33.01	-9.01
		2565.0	0.80	1 / 1	22.96	23.76	0.238	33.01	-9.25
	16-QAM	2505.0	0.80	1 / 50	22.23	23.03	0.201	33.01	-9.98
	64-QAM	2535.0	0.80	1 / 1	21.04	21.84	0.153	33.01	-11.18
	256-QAM	2535.0	0.80	1 / 1	19.14	19.94	0.099	33.01	-13.07
	π/2 BPSK	2507.5	0.80	1 / 1	23.10	23.90	0.245	33.01	-9.11
		2535.0	0.80	1 / 1	23.13	23.93	0.247	33.01	-9.08
		2562.5	0.80	1 / 37	23.05	23.85	0.243	33.01	-9.16
15 MHz	QPSK	2507.5	0.80	1 / 1	23.15	23.95	0.248	33.01	-9.06
		2535.0	0.80	1 / 77	23.17	23.97	0.249	33.01	-9.04
		2562.5	0.80	1 / 77	23.20	24.00	0.251	33.01	-9.01
	16-QAM	2507.5	0.80	1 / 1	22.69	23.49	0.224	33.01	-9.52
	64-QAM	2535.0	0.80	1 / 77	21.08	21.88	0.154	33.01	-11.13
	256-QAM	2535.0	0.80	1 / 77	19.17	19.97	0.099	33.01	-13.04
	π/2 BPSK	2510.0	0.80	1 / 53	23.14	23.94	0.248	33.01	-9.07
		2535.0	0.80	1 / 53	23.11	23.91	0.246	33.01	-9.10
		2560.0	0.80	1 / 1	23.04	23.84	0.242	33.01	-9.17
20 MHz	QPSK	2510.0	0.80	1 / 104	23.15	23.95	0.248	33.01	-9.06
		2535.0	0.80	1 / 1	23.20	24.00	0.251	33.01	-9.01
		2560.0	0.80	1 / 1	23.12	23.92	0.247	33.01	-9.09
	16-QAM	2510.0	0.80	1 / 104	22.61	23.41	0.219	33.01	-9.60
	64-QAM	2535.0	0.80	1 / 53	21.08	21.88	0.154	33.01	-11.13
	256-QAM	2510.0	0.80	1 / 53	19.07	19.87	0.097	33.01	-13.14
	π/2 BPSK	2512.5	0.80	1 / 131	21.20	22.00	0.158	33.01	-11.01
		2535.0	0.80	1 / 66	21.08	21.88	0.154	33.01	-11.13
		2557.5	0.80	1 / 66	21.14	21.94	0.156	33.01	-11.08
25 MHz	QPSK	2512.5	0.80	1 / 66	21.11	21.91	0.155	33.01	-11.10
		2535.0	0.80	1 / 66	21.15	21.95	0.157	33.01	-11.07
		2557.5	0.80	1 / 131	20.92	21.72	0.149	33.01	-11.29
	16-QAM	2512.5	0.80	1 / 66	21.04	21.84	0.153	33.01	-11.17
	64-QAM	2557.5	0.80	1 / 131	18.89	19.69	0.093	33.01	-13.32
	256-QAM	2557.5	0.80	1 / 131	17.05	17.85	0.061	33.01	-15.16
	π/2 BPSK	2515.0	0.80	1 / 80	20.82	21.62	0.145	33.01	-11.39
		2535.0	0.80	1 / 80	21.20	22.00	0.158	33.01	-11.01
		2555.0	0.80	1 / 80	20.83	21.63	0.146	33.01	-11.38
30 MHz	QPSK	2515.0	0.80	1 / 158	21.17	21.97	0.157	33.01	-11.04
		2535.0	0.80	1 / 1	21.04	21.84	0.153	33.01	-11.17
		2555.0	0.80	1 / 80	21.18	21.98	0.158	33.01	-11.03
	16-QAM	2515.0	0.80	1 / 158	20.53	21.33	0.136	33.01	-11.68
	64-QAM	2515.0	0.80	1 / 158	19.16	19.96	0.099	33.01	-13.05
	256-QAM	2555.0	0.80	1 / 158	17.58	18.38	0.069	33.01	-14.63
	π/2 BPSK	2520.0	0.80	1 / 108	21.01	21.81	0.152	33.01	-11.20
		2535.0	0.80	1 / 1	21.20	22.00	0.158	33.01	-11.01
		2550.0	0.80	1 / 108	20.81	21.61	0.145	33.01	-11.40
40 MHz	QPSK	2520.0	0.80	1 / 214	21.12	21.92	0.156	33.01	-11.09
		2535.0	0.80	1 / 108	21.17	21.97	0.157	33.01	-11.04
		2550.0	0.80	1 / 1	20.38	21.18	0.131	33.01	-11.83
	16-QAM	2535.0	0.80	1 / 214	19.11	19.91	0.098	33.01	-13.11
	64-QAM	2520.0	0.80	1 / 214	19.11	19.91	0.098	33.01	-13.11
	256-QAM	2550.0	0.80	1 / 108	17.36	18.16	0.065	33.01	-14.85

Table 7-41. Antenna 2 EIRP Data (NR Band n7)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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NR Band n41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
20 MHz	π/2 BPSK	2506.0	0.30	1 / 49	26.57	26.87	0.487	33.01	-6.14	
		2593.0	0.30	1 / 49	27.00	27.30	0.537	33.01	-5.71	
		2680.0	0.30	1 / 49	27.60	27.90	0.616	33.01	-5.11	
	QPSK	2506.0	0.30	1 / 25	25.81	26.11	0.408	33.01	-6.90	
		2593.0	0.30	1 / 1	26.11	26.41	0.437	33.01	-6.60	
		2680.0	0.30	1 / 1	26.19	26.49	0.446	33.01	-6.52	
	16-QAM	2680.0	0.30	1 / 49	25.09	25.39	0.346	33.01	-7.62	
	64-QAM	2506.0	0.30	1 / 49	23.47	23.77	0.238	33.01	-9.24	
	256-QAM	2593.0	0.30	1 / 49	21.66	21.96	0.157	33.01	-11.05	
	π/2 BPSK	2511.0	0.30	1 / 1	27.39	27.69	0.587	33.01	-5.32	
30 MHz		2593.0	0.30	1 / 1	27.29	27.59	0.575	33.01	-5.42	
		2675.0	0.30	1 / 1	27.25	27.55	0.569	33.01	-5.46	
QPSK	2511.0	0.30	1 / 53	27.33	27.63	0.580	33.01	-5.38		
	2593.0	0.30	1 / 53	27.40	27.70	0.589	33.01	-5.31		
	2675.0	0.30	1 / 53	27.47	27.77	0.598	33.01	-5.24		
16-QAM	2593.0	0.30	1 / 1	26.95	27.25	0.531	33.01	-5.76		
64-QAM	2675.0	0.30	1 / 104	25.17	25.47	0.352	33.01	-7.54		
256-QAM	2593.0	0.30	1 / 53	21.66	21.96	0.157	33.01	-11.05		
π/2 BPSK	2516.0	0.30	1 / 104	27.56	27.86	0.612	33.01	-5.15		
	40 MHz		2593.0	0.30	1 / 53	27.66	27.96	0.625	33.01	-5.05
			2670.0	0.30	1 / 104	27.70	28.00	0.631	33.01	-5.01
QPSK	2516.0	0.30	1 / 104	27.42	27.72	0.591	33.01	-5.30		
	2593.0	0.30	1 / 104	27.48	27.78	0.600	33.01	-5.23		
	2670.0	0.30	1 / 104	27.68	27.98	0.629	33.01	-5.03		
16-QAM	2593.0	0.30	1 / 1	26.95	27.25	0.531	33.01	-5.76		
64-QAM	2593.0	0.30	1 / 104	25.34	25.64	0.366	33.01	-7.37		
256-QAM	2670.0	0.30	1 / 104	23.29	23.59	0.229	33.01	-9.42		
π/2 BPSK	2521.0	0.30	1 / 66	27.56	27.86	0.610	33.01	-5.16		
	50 MHz		2593.0	0.30	1 / 1	27.68	27.98	0.629	33.01	-5.03
			2665.0	0.30	1 / 1	27.70	28.00	0.631	33.01	-5.01
QPSK	2521.0	0.30	1 / 66	27.63	27.93	0.620	33.01	-5.08		
	2593.0	0.30	1 / 131	27.40	27.70	0.589	33.01	-5.31		
	2665.0	0.30	1 / 131	27.47	27.77	0.598	33.01	-5.24		
16-QAM	2665.0	0.30	1 / 131	26.55	26.85	0.484	33.01	-6.16		
64-QAM	2665.0	0.30	1 / 131	25.28	25.58	0.362	33.01	-7.43		
256-QAM	2593.0	0.30	1 / 66	23.26	23.56	0.227	33.01	-9.45		
π/2 BPSK	2526.0	0.30	1 / 160	27.65	27.95	0.623	33.01	-5.07		
	60 MHz		2593.0	0.30	1 / 81	27.67	27.97	0.627	33.01	-5.04
			2660.0	0.30	1 / 1	27.70	28.00	0.631	33.01	-5.01
QPSK	2526.0	0.30	1 / 81	27.44	27.74	0.594	33.01	-5.28		
	2593.0	0.30	1 / 1	27.43	27.73	0.593	33.01	-5.28		
	2660.0	0.30	1 / 1	27.67	27.97	0.627	33.01	-5.04		
16-QAM	2660.0	0.30	1 / 1	26.82	27.12	0.516	33.01	-5.89		
64-QAM	2660.0	0.30	1 / 81	25.45	25.75	0.376	33.01	-7.26		
256-QAM	2593.0	0.30	1 / 81	23.32	23.62	0.230	33.01	-9.39		
π/2 BPSK	2536.0	0.30	1 / 108	27.63	27.93	0.622	33.01	-5.08		
	80 MHz		2593.0	0.30	1 / 108	27.58	27.88	0.614	33.01	-5.13
			2650.0	0.30	1 / 215	27.70	28.00	0.631	33.01	-5.01
QPSK	2536.0	0.30	1 / 215	27.55	27.85	0.609	33.01	-5.16		
	2593.0	0.30	1 / 108	27.61	27.91	0.618	33.01	-5.10		
	2650.0	0.30	1 / 108	27.67	27.97	0.627	33.01	-5.04		
16-QAM	2593.0	0.30	1 / 108	27.03	27.33	0.540	33.01	-5.68		
64-QAM	2650.0	0.30	1 / 108	25.35	25.65	0.367	33.01	-7.36		
256-QAM	2593.0	0.30	1 / 108	23.48	23.78	0.239	33.01	-9.23		
π/2 BPSK	2541.0	0.30	1 / 243	27.34	27.64	0.581	33.01	-5.37		
	90 MHz		2593.0	0.30	1 / 243	27.36	27.66	0.583	33.01	-5.35
			2645.0	0.30	1 / 1	27.66	27.96	0.625	33.01	-5.05
QPSK	2541.0	0.30	1 / 243	27.60	27.90	0.617	33.01	-5.11		
	2593.0	0.30	1 / 122	27.58	27.88	0.613	33.01	-5.13		
	2645.0	0.30	1 / 243	27.70	28.00	0.631	33.01	-5.01		
16-QAM	2541.0	0.30	1 / 243	27.00	27.30	0.537	33.01	-5.71		
64-QAM	2593.0	0.30	1 / 122	25.36	25.66	0.368	33.01	-7.35		
256-QAM	2541.0	0.30	1 / 243	23.49	23.79	0.239	33.01	-9.22		
π/2 BPSK	2546.0	0.30	1 / 136	27.56	27.86	0.611	33.01	-5.15		
	100 MHz		2593.0	0.30	1 / 136	27.67	27.97	0.627	33.01	-5.04
			2640.0	0.30	1 / 271	27.69	27.99	0.629	33.01	-5.02
QPSK	2546.0	0.30	1 / 136	27.60	27.90	0.616	33.01	-5.11		
	2593.0	0.30	1 / 136	27.50	27.80	0.602	33.01	-5.21		
	2640.0	0.30	1 / 271	27.70	28.00	0.631	33.01	-5.01		
16-QAM	2640.0	0.30	1 / 271	26.93	27.23	0.529	33.01	-5.78		
64-QAM	2546.0	0.30	1 / 271	25.60	25.90	0.389	33.01	-7.11		
256-QAM	2593.0	0.30	1 / 136	23.36	23.66	0.232	33.01	-9.35		

Table 7-42. Antenna 2 EIRP Data (NR Band n41)

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NR Band n41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	$\pi/2$ BPSK	2506.0	0.30	1 / 25	25.22	25.52	0.356	33.01	-7.49
		2593.0	0.30	1 / 25	25.62	25.92	0.391	33.01	-7.09
		2680.0	0.30	1 / 49	25.70	26.00	0.398	33.01	-7.01
	QPSK	2506.0	0.30	1 / 49	25.70	26.00	0.398	33.01	-7.01
		2593.0	0.30	1 / 1	25.69	25.99	0.397	33.01	-7.02
		2680.0	0.30	1 / 25	25.68	25.98	0.396	33.01	-7.03
		16-QAM	0.30	1 / 25	24.98	25.28	0.337	33.01	-7.73
	64-QAM	2680.0	0.30	1 / 25	23.50	23.80	0.240	33.01	-9.21
		2680.0	0.30	1 / 25	21.42	21.72	0.148	33.01	-11.29
		256-QAM	0.30	1 / 25	21.42	21.72	0.148	33.01	-11.29
30 MHz	$\pi/2$ BPSK	2511.0	0.30	1 / 1	25.64	25.94	0.393	33.01	-7.07
		2593.0	0.30	1 / 1	25.37	25.67	0.369	33.01	-7.34
		2675.0	0.30	1 / 1	25.13	25.43	0.349	33.01	-7.58
	QPSK	2511.0	0.30	1 / 1	25.23	25.53	0.357	33.01	-7.48
		2593.0	0.30	1 / 1	25.25	25.55	0.359	33.01	-7.46
		2675.0	0.30	1 / 1	25.59	25.89	0.389	33.01	-7.12
		16-QAM	0.30	1 / 53	24.98	25.28	0.337	33.01	-7.73
	64-QAM	2675.0	0.30	1 / 53	23.25	23.55	0.226	33.01	-9.46
		2511.0	0.30	1 / 104	20.97	21.27	0.134	33.01	-11.74
		256-QAM	0.30	1 / 104	20.97	21.27	0.134	33.01	-11.74
40 MHz	$\pi/2$ BPSK	2516.0	0.30	1 / 104	25.34	25.64	0.367	33.01	-7.37
		2593.0	0.30	1 / 104	25.55	25.85	0.384	33.01	-7.16
		2670.0	0.30	1 / 104	25.70	26.00	0.398	33.01	-7.01
	QPSK	2516.0	0.30	1 / 53	25.66	25.96	0.394	33.01	-7.05
		2593.0	0.30	1 / 53	25.25	25.55	0.359	33.01	-7.46
		2670.0	0.30	1 / 104	25.39	25.69	0.371	33.01	-7.32
		16-QAM	0.30	1 / 53	25.22	25.52	0.357	33.01	-7.49
	64-QAM	2670.0	0.30	1 / 53	23.55	23.85	0.243	33.01	-9.16
		256-QAM	0.30	1 / 53	21.54	21.84	0.153	33.01	-11.17
		2511.0	0.30	1 / 131	25.25	25.55	0.359	33.01	-7.46
50 MHz	$\pi/2$ BPSK	2593.0	0.30	1 / 131	25.60	25.90	0.389	33.01	-7.11
		2665.0	0.30	1 / 66	25.42	25.72	0.373	33.01	-7.29
		2521.0	0.30	1 / 66	25.48	25.78	0.379	33.01	-7.23
	QPSK	2593.0	0.30	1 / 1	24.99	25.29	0.338	33.01	-7.73
		2665.0	0.30	1 / 131	25.70	26.00	0.398	33.01	-7.01
		16-QAM	0.30	1 / 66	25.19	25.49	0.364	33.01	-7.52
		64-QAM	0.30	1 / 66	23.44	23.74	0.237	33.01	-9.27
	256-QAM	2593.0	0.30	1 / 66	21.39	21.69	0.148	33.01	-11.32
		2665.0	0.30	1 / 66	21.39	21.69	0.148	33.01	-11.32
		2521.0	0.30	1 / 81	25.64	25.94	0.393	33.01	-7.07
60 MHz	$\pi/2$ BPSK	2593.0	0.30	1 / 1	25.52	25.82	0.382	33.01	-7.19
		2660.0	0.30	1 / 160	25.70	26.00	0.398	33.01	-7.01
		2526.0	0.30	1 / 160	25.25	25.55	0.359	33.01	-7.46
	QPSK	2593.0	0.30	1 / 81	25.25	25.55	0.359	33.01	-7.46
		2660.0	0.30	1 / 81	25.59	25.89	0.389	33.01	-7.12
		16-QAM	0.30	1 / 160	25.10	25.40	0.347	33.01	-7.61
		64-QAM	0.30	1 / 160	23.47	23.77	0.238	33.01	-9.24
	256-QAM	2593.0	0.30	1 / 160	21.43	21.73	0.149	33.01	-11.28
		2660.0	0.30	1 / 160	21.43	21.73	0.149	33.01	-11.28
		2536.0	0.30	1 / 215	25.02	25.32	0.340	33.01	-7.69
80 MHz	$\pi/2$ BPSK	2593.0	0.30	1 / 215	25.39	25.69	0.370	33.01	-7.32
		2650.0	0.30	1 / 215	25.70	26.00	0.398	33.01	-7.01
		2536.0	0.30	1 / 108	25.34	25.64	0.367	33.01	-7.37
	QPSK	2593.0	0.30	1 / 108	25.64	25.94	0.393	33.01	-7.07
		2650.0	0.30	1 / 108	25.13	25.43	0.349	33.01	-7.58
		16-QAM	0.30	1 / 108	25.21	25.51	0.355	33.01	-7.50
		64-QAM	0.30	1 / 108	23.48	23.78	0.239	33.01	-9.23
	256-QAM	2593.0	0.30	1 / 108	21.45	21.75	0.150	33.01	-11.26
		2650.0	0.30	1 / 108	21.45	21.75	0.150	33.01	-11.26
		2541.0	0.30	1 / 122	25.29	25.59	0.363	33.01	-7.42
90 MHz	$\pi/2$ BPSK	2593.0	0.30	1 / 1	25.44	25.74	0.375	33.01	-7.28
		2645.0	0.30	1 / 243	25.65	25.95	0.393	33.01	-7.06
		2541.0	0.30	1 / 243	25.25	25.55	0.359	33.01	-7.46
	QPSK	2593.0	0.30	1 / 243	25.70	26.00	0.398	33.01	-7.01
		2645.0	0.30	1 / 243	25.62	25.92	0.390	33.01	-7.09
		16-QAM	0.30	1 / 243	24.58	24.88	0.308	33.01	-8.13
		64-QAM	0.30	1 / 243	23.45	23.75	0.237	33.01	-9.26
	256-QAM	2593.0	0.30	1 / 243	21.43	21.73	0.149	33.01	-11.28
		2645.0	0.30	1 / 243	21.43	21.73	0.149	33.01	-11.28
		2546.0	0.30	1 / 136	25.64	25.94	0.393	33.01	-7.07
100 MHz	$\pi/2$ BPSK	2593.0	0.30	1 / 271	25.70	26.00	0.398	33.01	-7.01
		2640.0	0.30	1 / 1	25.49	25.79	0.379	33.01	-7.22
		2546.0	0.30	1 / 271	25.52	25.82	0.382	33.01	-7.19
	QPSK	2593.0	0.30	1 / 136	25.53	25.83	0.383	33.01	-7.18
		2640.0	0.30	1 / 271	25.35	25.65	0.367	33.01	-7.36
		16-QAM	0.30	1 / 136	24.98	25.28	0.337	33.01	-7.73
		64-QAM	0.30	1 / 136	23.50	23.80	0.240	33.01	-9.21
	256-QAM	2593.0	0.30	1 / 136	21.45	21.75	0.150	33.01	-11.26
		2640.0	0.30	1 / 136	21.45	21.75	0.150	33.01	-11.26
		2546.0	0.30	1 / 136	21.45	21.75	0.150	33.01	-11.26

Table 7-43. Antenna 2 EIRP Data (NR Band n41)

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ULCA - Band 7

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	23.47	0.80	24.27	0.267	33.01	-8.74
				21100	2535.0	1	99		21298	2554.8	1	0	23.45	0.80	24.25	0.266	33.01	-8.76
			QPSK	21350	2560.0	1	0	QPSK	21152	2540.2	1	99	23.5	0.80	24.30	0.269	33.01	-8.71
				21350	2560	100	0		21152	2540.2	100	0	21.25	0.80	22.05	0.160	33.01	-10.96
			16-QAM	21350	2560	100	0	16-QAM	21152	2540.2	100	0	20.25	0.80	21.05	0.127	33.01	-11.96
				21350	2560	100	0		21152	2540.2	100	0	19.31	0.80	20.11	0.103	33.01	-12.90
			64-QAM	21350	2560	100	0	64-QAM	21152	2540.2	100	0	18.22	0.80	19.02	0.080	33.01	-13.99
				21350	2560	100	0		21152	2540.2	100	0	18.22	0.80	19.02	0.080	33.01	-13.99

Table 7-44. Antenna 2 EIRP Data (ULCA LTE Band 7)

ULCA - Band 41 (PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2596.0	1	99	QPSK	39948	2525.8	1	0	24.5	0.30	24.80	0.302	33.01	-8.21
				40620	2593.0	1	99		40818	2612.8	1	0	25.08	0.30	25.38	0.345	33.01	-7.63
			QPSK	41490	2680.0	1	0	QPSK	41292	2660.2	1	99	25.11	0.30	25.41	0.348	33.01	-7.60
				41490	2680	100	0		41292	2660.2	100	0	23.62	0.30	23.92	0.247	33.01	-9.09
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	22.62	0.30	22.92	0.196	33.01	-10.09
				41490	2680	100	0		41292	2660.2	100	0	21.64	0.30	21.94	0.156	33.01	-11.07
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	20.63	0.30	20.93	0.124	33.01	-12.08
				41490	2680	100	0		41292	2660.2	100	0	20.63	0.30	20.93	0.125	33.01	-12.05

Table 7-45. Antenna 2 EIRP Data (ULCA LTE Band 41 (PC2))

ULCA - Band 41 (PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	24.3	0.30	24.60	0.288	33.01	-8.41
				40620	2593.0	1	99		40818	2612.8	1	0	25.09	0.30	25.39	0.346	33.01	-7.62
			QPSK	41490	2680.0	1	0	QPSK	41292	2660.2	1	99	25.15	0.30	25.45	0.351	33.01	-7.56
				41490	2680	100	0		41292	2660.2	100	0	23.63	0.30	23.93	0.247	33.01	-9.08
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	22.66	0.30	22.96	0.198	33.01	-10.05
				41490	2680	100	0		41292	2660.2	100	0	21.67	0.30	21.97	0.157	33.01	-11.04
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	20.66	0.30	20.96	0.125	33.01	-12.05
				41490	2680	100	0		41292	2660.2	100	0	20.66	0.30	20.96	0.125	33.01	-12.05

Table 7-46. Antenna 2 EIRP Data (ULCA LTE Band 41 (PC3))

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7.7 Radiated Spurious Emissions

§2.1053, 27.53(a), 27.53(m)

Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in KDB 971168 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using horizontally and vertically polarized broadband hybrid antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed while the EUT is operating at maximum power and at the appropriate frequencies.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.8

Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW $\geq 3 \times$ RBW
3. Span = 1.5 times the OBW
4. No. of sweep points $\geq 2 \times$ span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

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Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

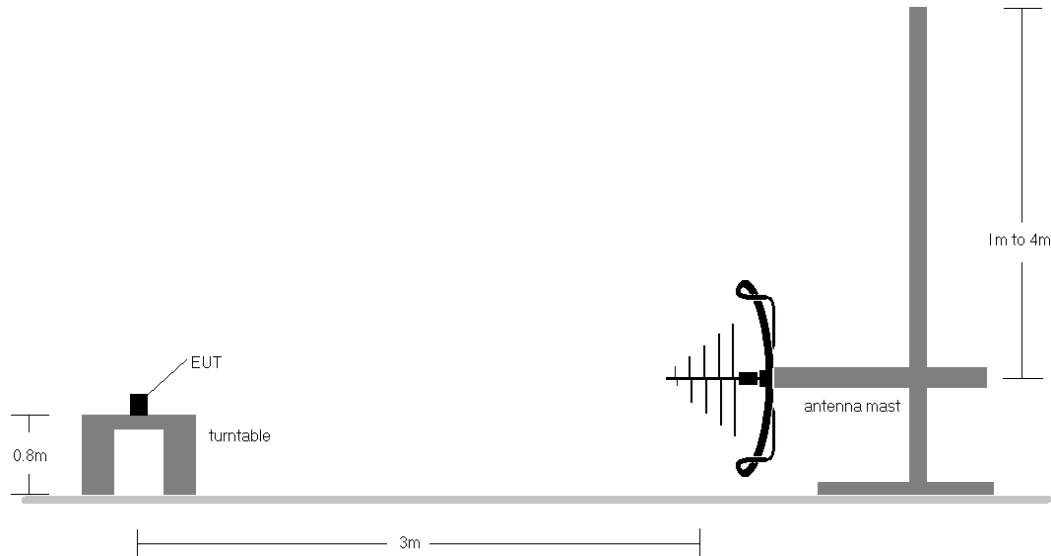


Figure 7-6. Test Instrument & Measurement Setup < 1GHz

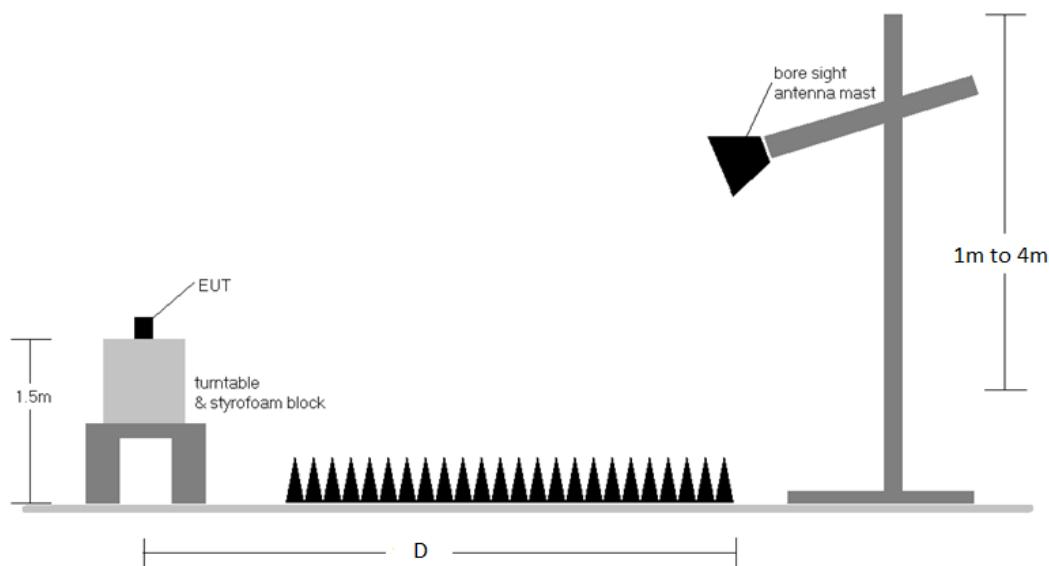


Figure 7-7. Test Instrument & Measurement Setup > 1 GHz

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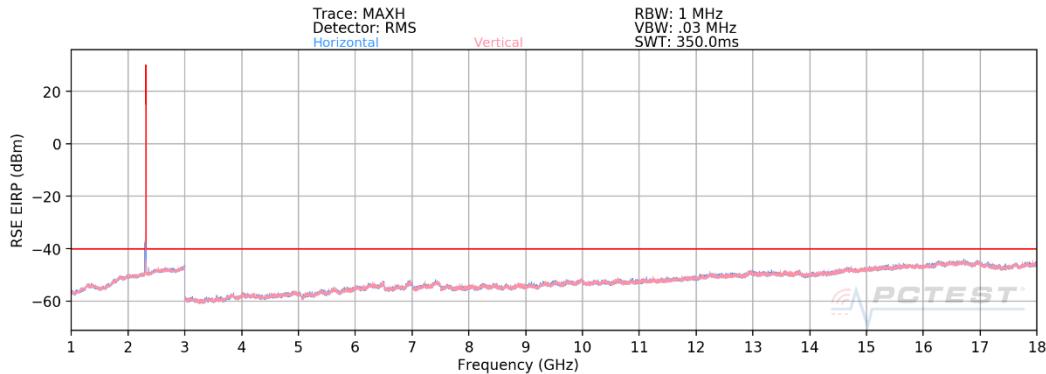
Test Notes

1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
3. This unit was tested with its standard battery.
4. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
5. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
6. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
7. Uplink carrier aggregation intra-band radiated spurious emissions measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. The worst case (highest) emissions were found while operating with QPSK modulation with both carriers set to transmit using 1RB.
8. Uplink carrier aggregation for LTE Band 7 is only supported in this EUT while operating in Power Class 3.
9. Uplink carrier aggregation for LTE Band 41 is supported in this EUT while operating in Power Class 2 and Power Class 3.
10. Uplink carrier aggregation inter-band emission was investigated and found to not be the worst case.
11. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.
12. Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor) has been checked and was found to not to be the worst case.
13. For LTE Band 30 pre-scans above 1GHz, the RBW is set to 1MHz and VBW to 30kHz. For final measurements above 1GHz, the RBW is set to 1MHz and VBW to 3MHz when measuring with an RMS detector and trace averaging.

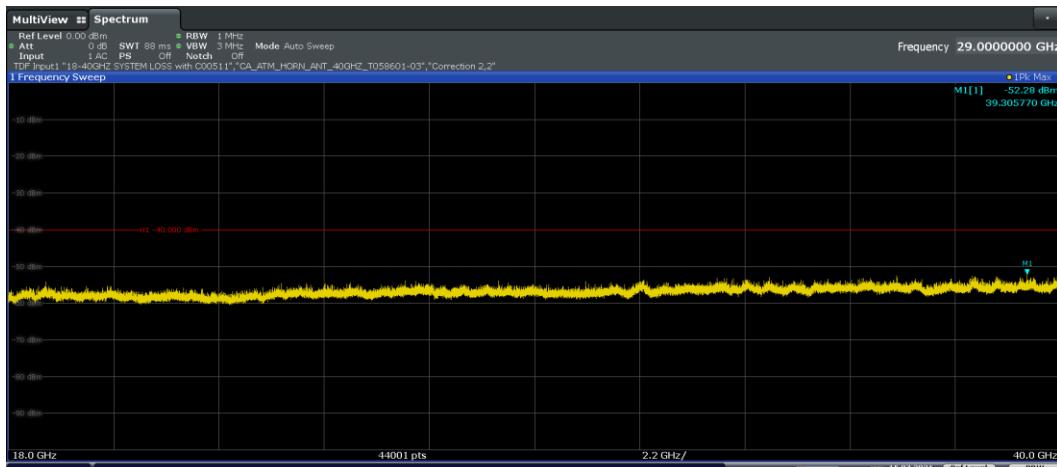
FCC ID: BCGA2568	 PCTEST <small>Proud to be part of element</small>		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 202 of 250

7.7.1 Antenna 4 Radiated Spurious Emission Measurements

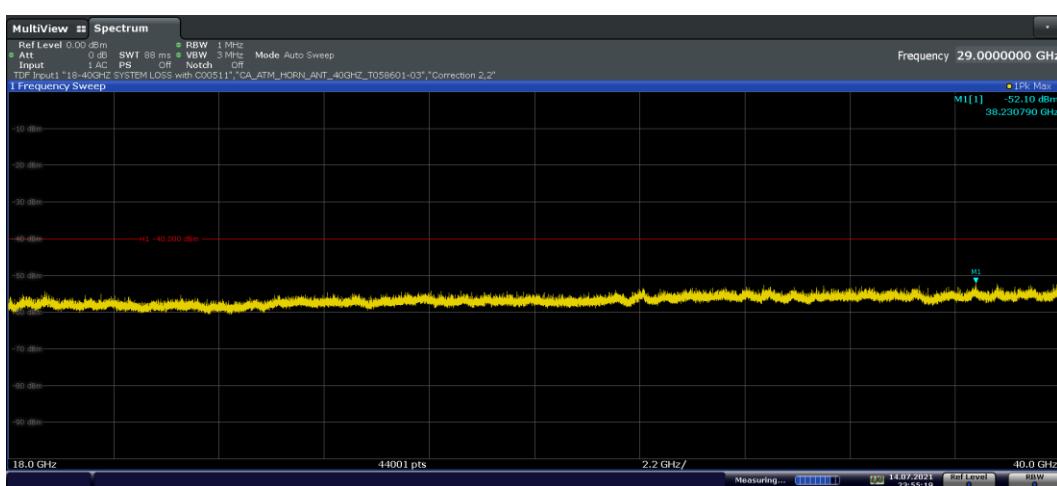
LTE Band 30



Plot 7-270. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 30)



Plot 7-271. Antenna 4 Radiated Spurious Emission above 18GHz (LTE Band 30, Pol. H)



Plot 7-272. Antenna 4 Radiated Spurious Emission above 18GHz (LTE Band 30, Pol. V)

FCC ID: BCGA2568	PCTEST Proud to be part of 		PART 27 MEASUREMENT REPORT	Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 203 of 250

Bandwidth (MHz):	5															
Frequency (MHz):	2307.5															
RB / Offset:	1 / 12															
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]							
4615.0	H	-	-	-77.80	4.85	34.05	-61.21	-40.00	-21.21							
6922.5	H	-	-	-79.46	8.80	36.34	-58.91	-40.00	-18.91							
9230.0	H	-	-	-81.91	11.59	36.68	-58.58	-40.00	-18.58							

Table 7-47. Radiated Spurious Data (LTE Band 30 – Low Channel)

Bandwidth (MHz):	10															
Frequency (MHz):	2310.0															
RB / Offset:	1 / 25															
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]							
4620.0	H	-	-	-81.26	7.87	33.61	-61.65	-40.00	-21.65							
6930.0	H	-	-	-81.38	12.01	37.63	-57.63	-40.00	-17.63							
9240.0	H	-	-	-83.26	13.14	36.88	-58.38	-40.00	-18.38							

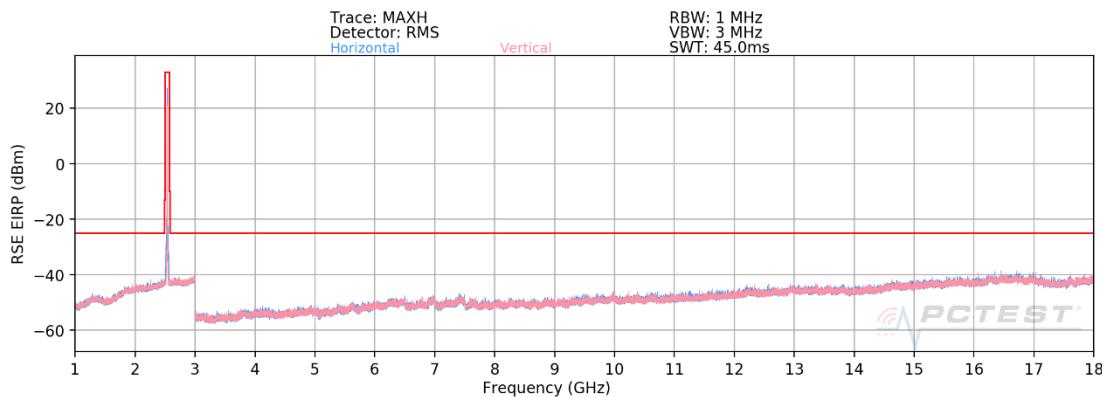
Table 7-48. Radiated Spurious Data (LTE Band 30 – Mid Channel)

Bandwidth (MHz):	5															
Frequency (MHz):	2312.5															
RB / Offset:	1 / 12															
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]							
4625.00	H	-	-	-78.03	4.71	33.68	-61.57	-40.00	-21.57							
6937.50	H	-	-	-79.45	8.65	36.20	-59.06	-40.00	-19.06							
9250.00	H	-	-	-82.07	11.21	36.14	-59.12	-40.00	-19.12							

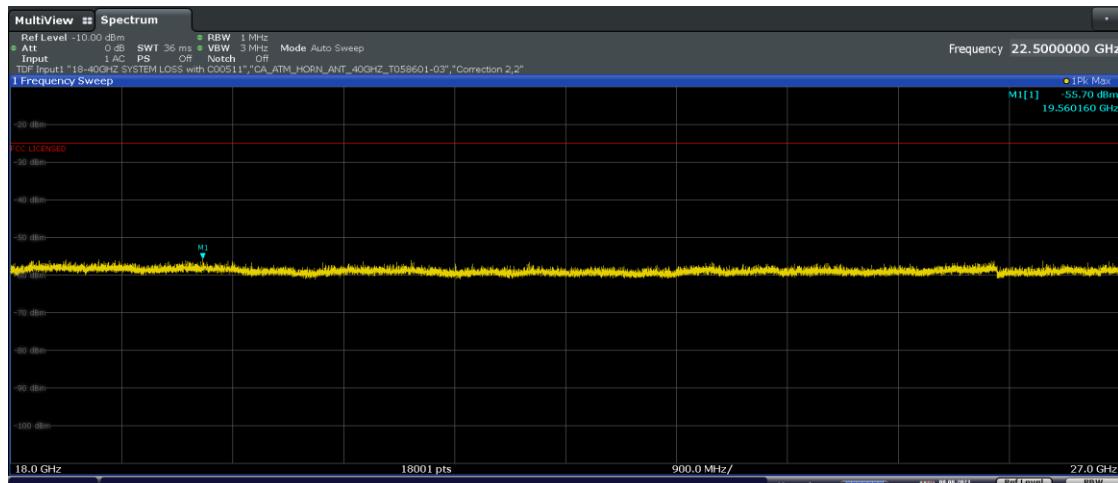
Table 7-49. Radiated Spurious Data (LTE Band 30 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device				Page 204 of 250

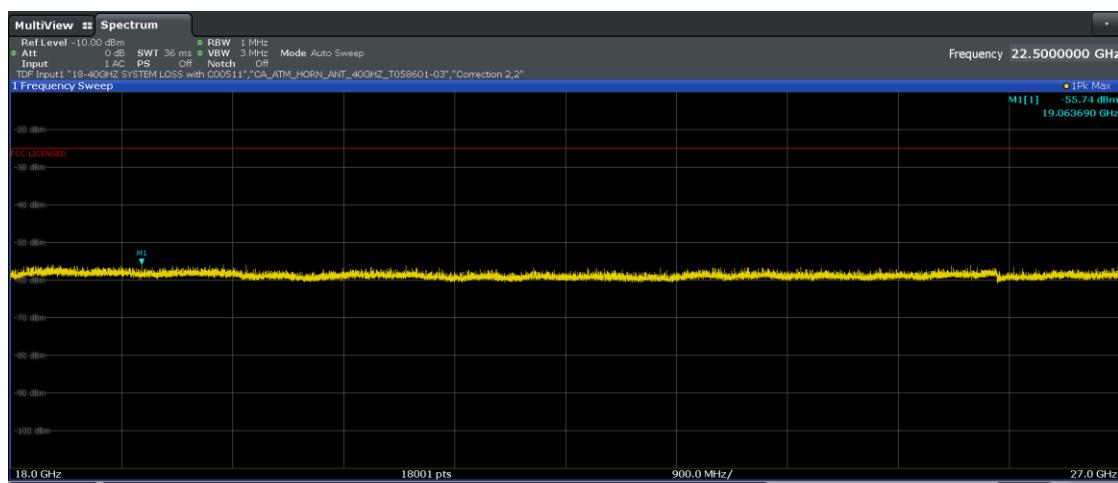
LTE Band 7



Plot 7-273. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 7)



Plot 7-274. Antenna 4 Radiated Spurious Emission above 18GHz (LTE Band 7, Pol. H)



Plot 7-275. Antenna 4 Radiated Spurious Emission above 18GHz (LTE Band 7, Pol. V)

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 205 of 250

Bandwidth (MHz):	20								
Frequency (MHz):	2510.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-80.58	8.23	34.65	-60.60	-25.00	-35.60
7530.0	H	-	-	-81.49	11.21	36.72	-58.54	-25.00	-33.54
10040.0	H	-	-	-82.45	14.94	39.49	-55.77	-25.00	-30.77

Table 7-50. Radiated Spurious Data (LTE Band 7 – Low Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2535.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.87	7.88	34.01	-61.25	-25.00	-36.25
7605.0	H	-	-	-82.27	12.79	37.52	-57.74	-25.00	-32.74
10140.0	H	-	-	-82.58	14.84	39.26	-56.00	-25.00	-31.00

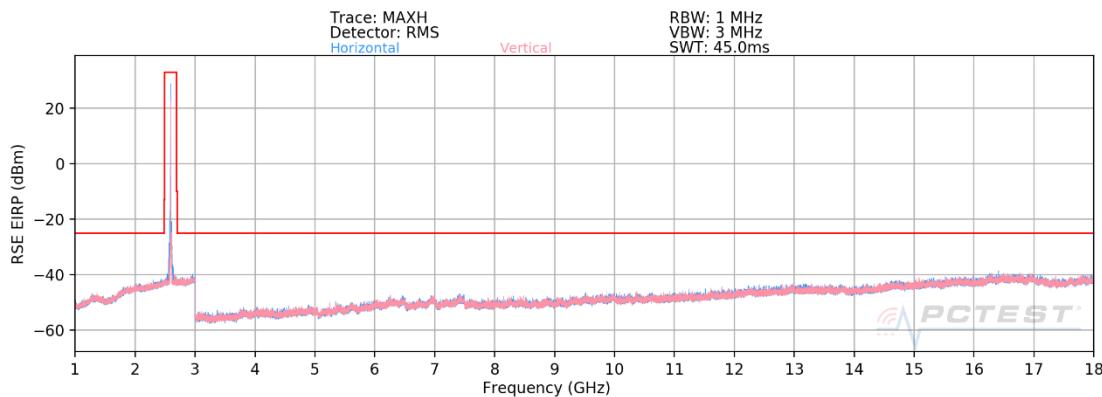
Table 7-51. Radiated Spurious Data (LTE Band 7 – Mid Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2560.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-81.21	9.07	34.86	-60.40	-25.00	-35.40
7680.00	H	-	-	-82.19	12.28	37.09	-58.16	-25.00	-33.16
10240.00	H	-	-	-82.76	15.63	39.87	-55.39	-25.00	-30.39

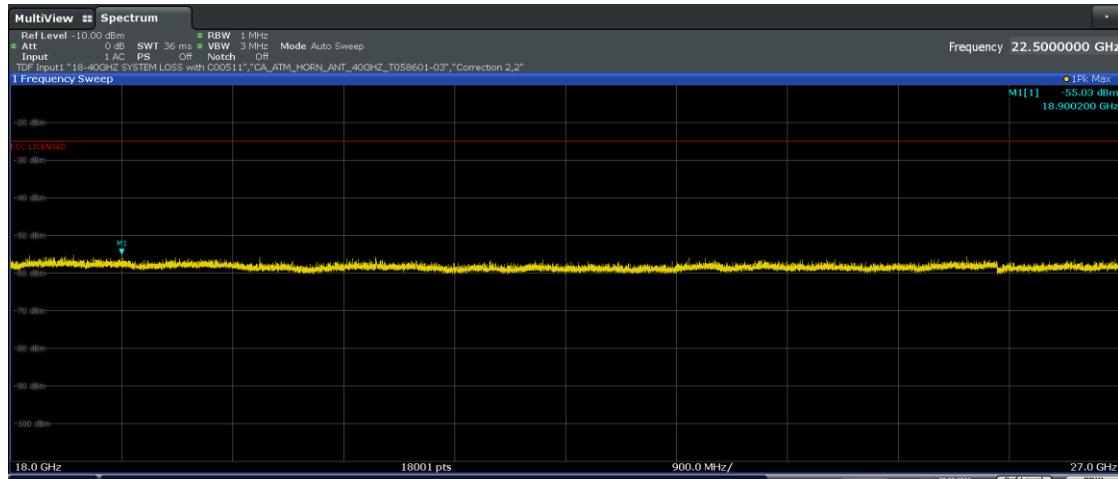
Table 7-52. Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA2568	 PCTEST® Proud to be part of element					PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device						Page 206 of 250	Version 2.0, 5/21/2021

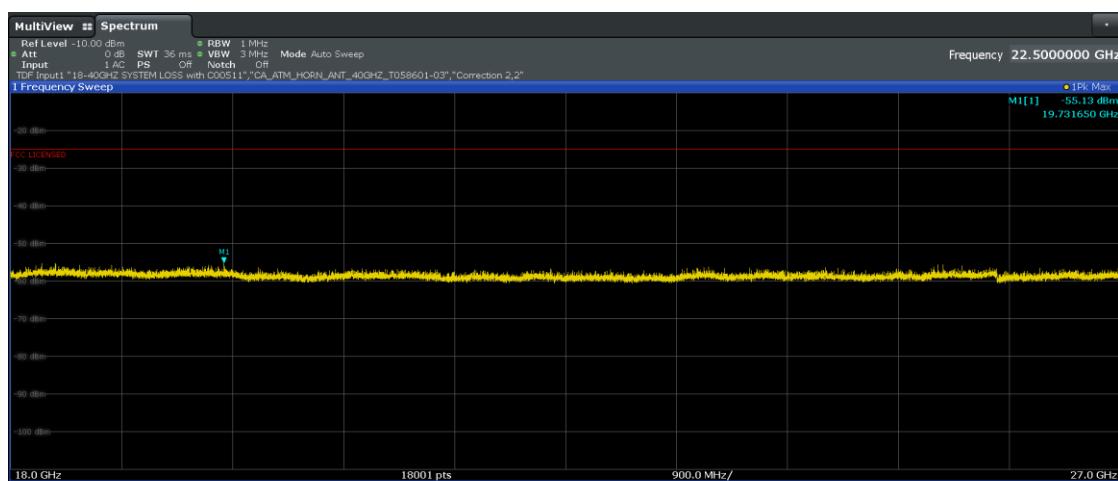
LTE Band 41



Plot 7-276. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 41)



Plot 7-277. Antenna 4 Radiated Spurious Emission above 18GHz (LTE Band 41, Pol. H)



Plot 7-278. Antenna 4 Radiated Spurious Emission above 18GHz (LTE Band 41, Pol. V)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 207 of 250

Bandwidth (MHz):	20								
Frequency (MHz):	2506.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-71.15	8.28	44.13	-51.13	-25.00	-26.13
7518.0	H	-	-	-71.83	11.35	46.52	-48.74	-25.00	-23.74
10024.0	H	-	-	-73.40	15.72	49.32	-45.93	-25.00	-20.93
12530.0	H	-	-	-73.30	17.69	51.39	-43.87	-25.00	-18.87

Table 7-53. Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2593.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-71.80	9.36	44.56	-50.70	-25.00	-25.70
7779.0	H	-	-	-72.20	12.05	46.85	-48.41	-25.00	-23.41
10372.0	H	-	-	-73.14	15.90	49.76	-45.49	-25.00	-20.49
12965.0	H	-	-	-74.21	19.28	52.07	-43.19	-25.00	-18.19

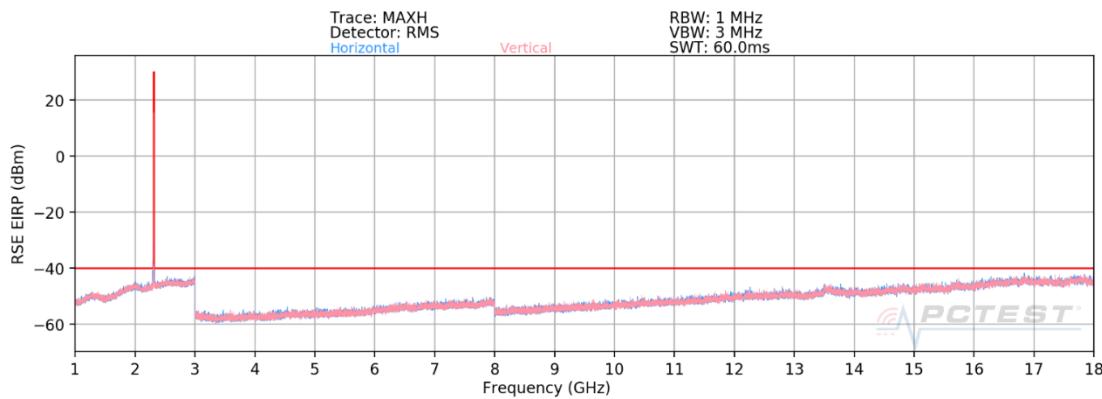
Table 7-54. Radiated Spurious Data (LTE Band 41 – Mid Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2680.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-71.22	9.66	45.44	-49.82	-25.00	-24.82
8040.0	H	-	-	-73.48	13.07	46.59	-48.67	-25.00	-23.67
10720.0	H	-	-	-73.66	15.50	48.84	-46.41	-25.00	-21.41
13400.0	H	-	-	-73.38	18.35	51.97	-43.29	-25.00	-18.29

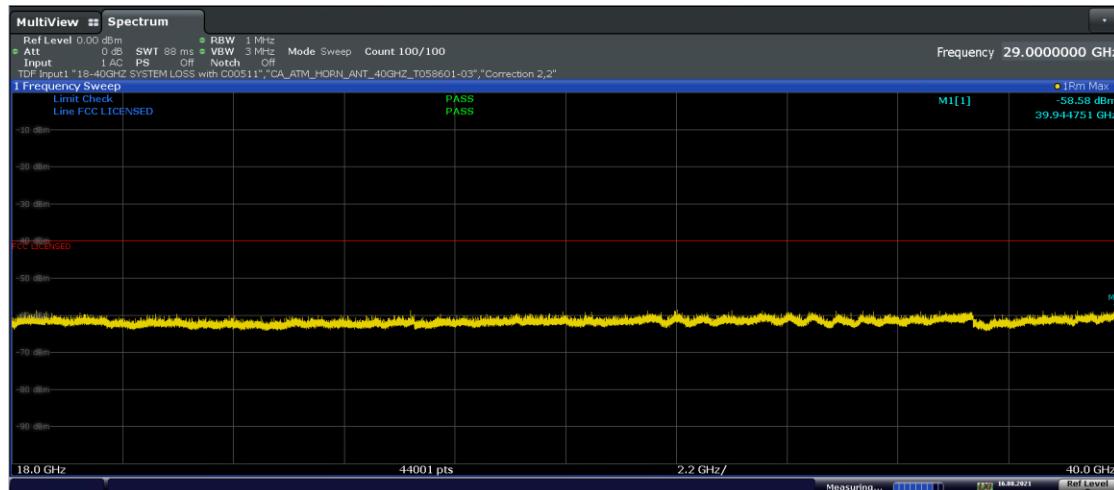
Table 7-55. Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device				Page 208 of 250

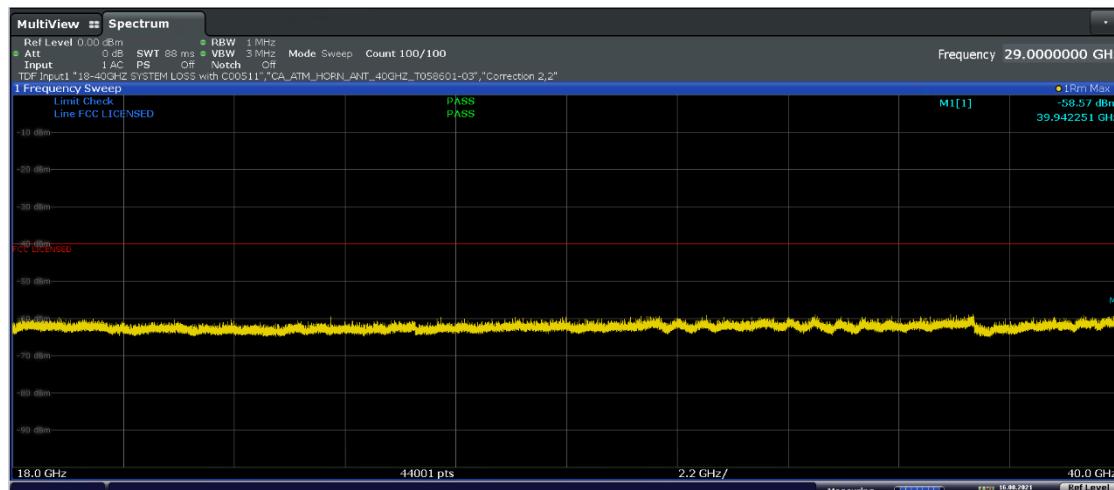
NR Band n30



Plot 7-279. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (NR Band n30)



Plot 7-280. Antenna 4 Radiated Spurious Emission above 18GHz (NR Band n30, Pol. H)



Plot 7-281. Antenna 4 Radiated Spurious Emission above 18GHz (NR Band n30, Pol. V)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device		Page 209 of 250

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Bandwidth (MHz):	5								
Frequency (MHz):	2307.5								
RB / Offset:	1/25								

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-81.37	7.70	33.33	-61.93	-40.00	-21.93
6922.5	H	-	-	-83.76	11.82	35.06	-60.19	-40.00	-20.19
9230.0	H	-	-	-83.00	13.49	37.49	-57.77	-40.00	-17.77

Table 7-56. Radiated Spurious Data (NR Band n30 – Low Channel)

Bandwidth (MHz):	10								
Frequency (MHz):	2310.0								
RB / Offset:	1/25								

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-80.29	7.06	33.77	-61.49	-40.00	-21.49
6930.0	H	-	-	-81.23	9.64	35.41	-59.85	-40.00	-19.85
9240.0	H	-	-	-82.22	12.23	37.01	-58.24	-40.00	-18.24

Table 7-57. Radiated Spurious Data (NR Band n30 – Mid Channel)

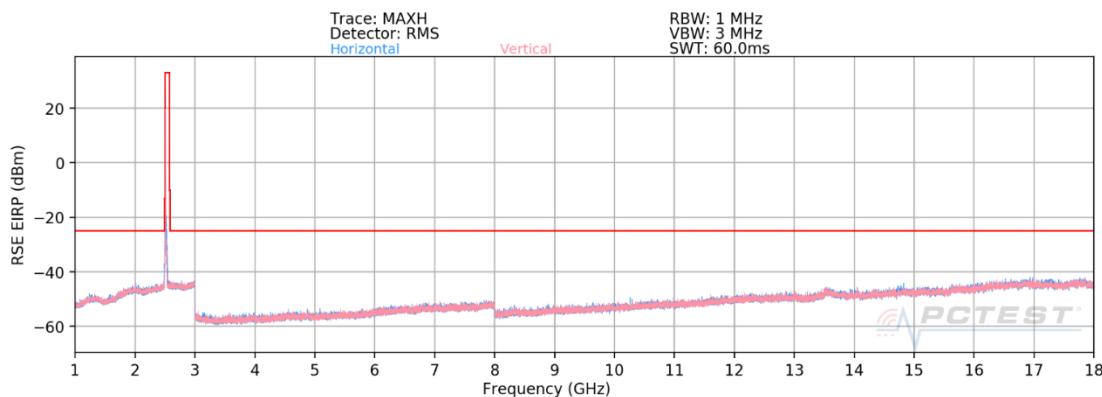
Bandwidth (MHz):	5								
Frequency (MHz):	2312.5								
RB / Offset:	1/25								

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-81.64	7.79	33.15	-62.11	-40.00	-22.11
6937.5	H	-	-	-83.66	11.89	35.23	-60.03	-40.00	-20.03
9250.0	H	-	-	-83.08	13.39	37.31	-57.95	-40.00	-17.95

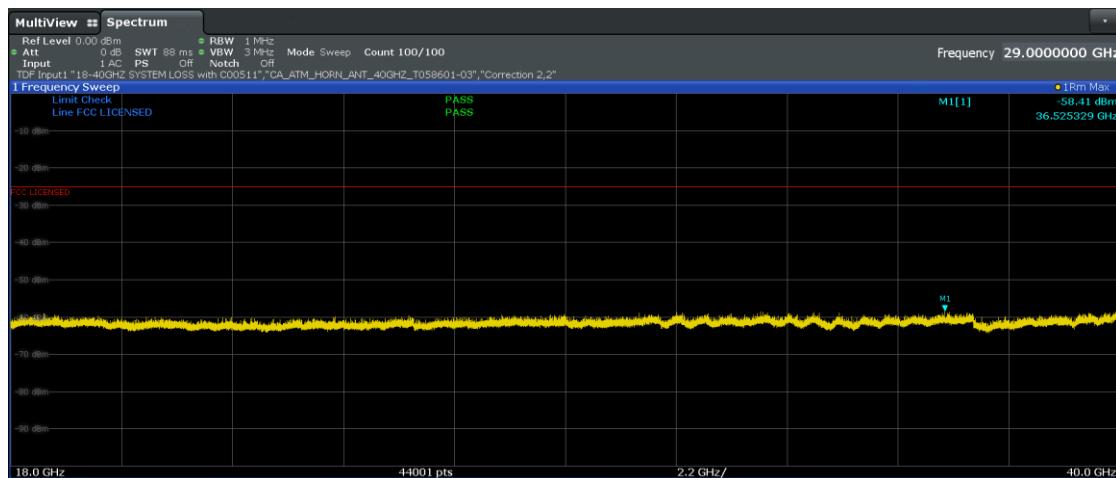
Table 7-58. Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device				Page 210 of 250

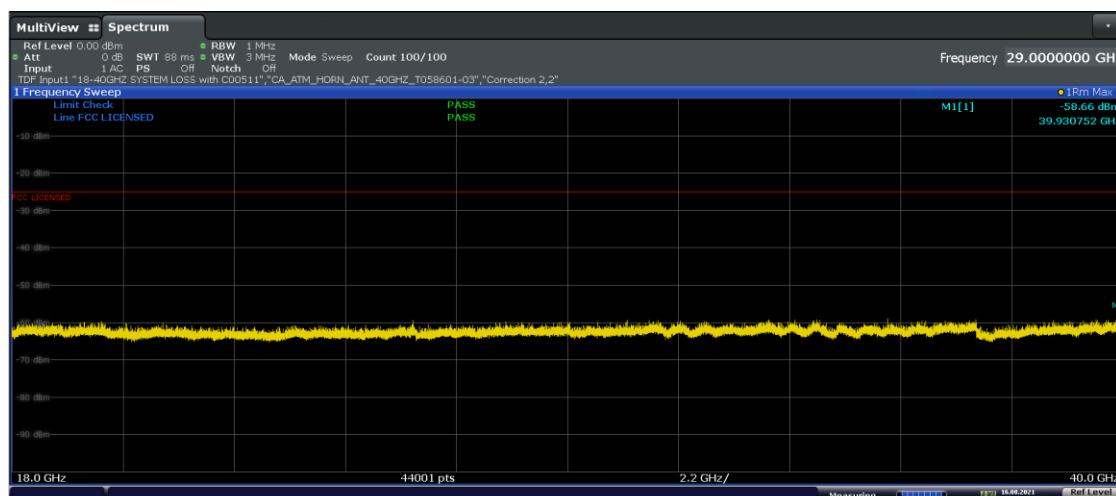
NR Band n7



Plot 7-282. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (NR Band n7)



Plot 7-283. Antenna 4 Radiated Spurious Emission above 18GHz (NR Band n7, Pol. H)



Plot 7-284. Antenna 4 Radiated Spurious Emission above 18GHz (NR Band n7, Pol. V)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 211 of 250

Bandwidth (MHz):	40															
Frequency (MHz):	2520.0															
RB / Offset:	1/50															
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]							
5040.0	H	-	-	-80.98	7.68	33.70	-61.56	-25.00	-36.56							
7560.0	H	339	38	-80.05	10.81	37.76	-57.50	-25.00	-32.50							
10080.0	H	-	-	-84.40	13.87	36.47	-58.79	-25.00	-33.79							

Table 7-59. Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	40															
Frequency (MHz):	2535.0															
RB / Offset:	1/50															
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]							
5070.0	H	-	-	-74.27	7.43	40.16	-55.10	-25.00	-30.10							
7605.0	H	-	-	-71.27	10.53	46.26	-49.00	-25.00	-24.00							
10140.0	H	-	-	-73.53	14.39	47.86	-47.40	-25.00	-22.40							

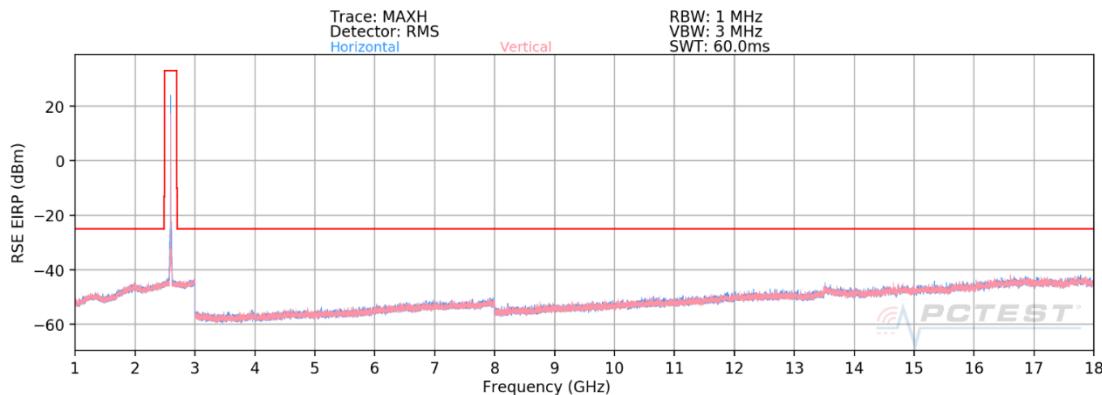
Table 7-60. Radiated Spurious Data (NR Band n7 – Mid Channel)

Bandwidth (MHz):	40															
Frequency (MHz):	2550.0															
RB / Offset:	1/50															
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]							
5100.0	H	-	-	-81.25	7.66	33.41	-61.85	-25.00	-36.85							
7650.0	H	-	-	-81.54	9.84	35.30	-59.96	-25.00	-34.96							
10200.0	H	-	-	-84.05	13.64	36.59	-58.67	-25.00	-33.67							

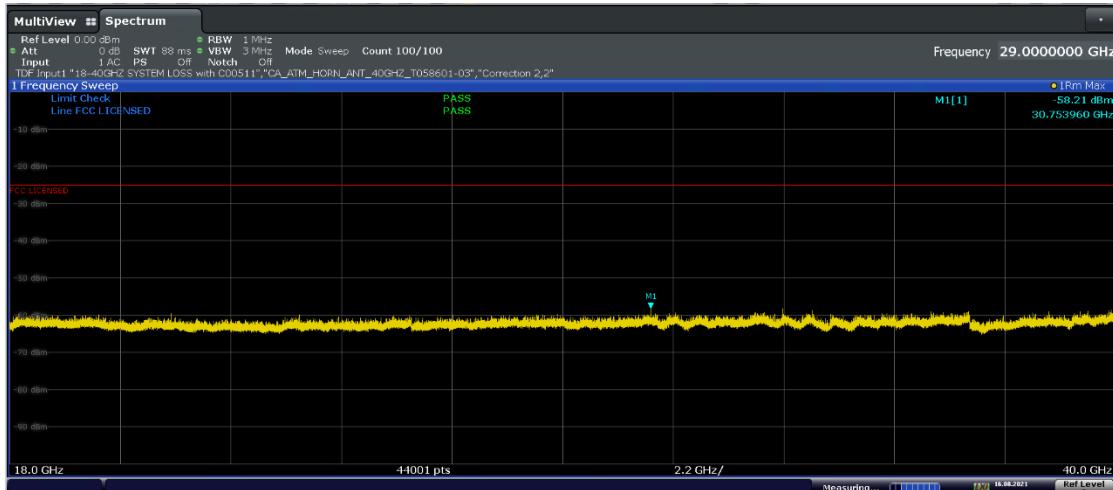
Table 7-61. Radiated Spurious Data (NR Band n7 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device				Page 212 of 250

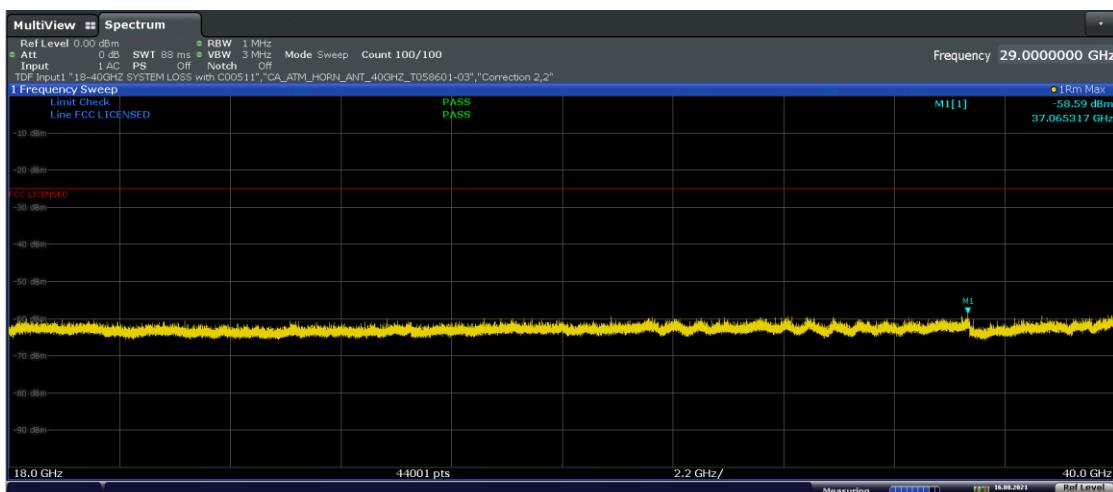
NR Band n41



Plot 7-285. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (NR Band n41)



Plot 7-286. Antenna 4 Radiated Spurious Emission above 18GHz (NR Band n41, Pol. H)



Plot 7-287. Antenna 4 Radiated Spurious Emission above 18GHz (NR Band n41, Pol. V)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device	Page 213 of 250

Bandwidth (MHz):	100															
Frequency (MHz):	2546.0															
RB / Offset:	1/136															
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]							
5092.0	H	-	-	-80.70	7.89	34.19	-61.06	-25.00	-36.06							
7638.0	H	-	-	-81.78	10.96	36.18	-59.08	-25.00	-34.08							
10184.0	H	-	-	-83.48	14.01	37.53	-57.73	-25.00	-32.73							

Table 7-62. Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100															
Frequency (MHz):	2593.0															
RB / Offset:	1/136															
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]							
5186.0	H	-	-	-80.88	7.68	33.80	-61.46	-25.00	-36.46							
7779.0	H	-	-	-81.20	10.41	36.21	-59.05	-25.00	-34.05							
10372.0	H	-	-	-83.78	14.61	37.83	-57.43	-25.00	-32.43							

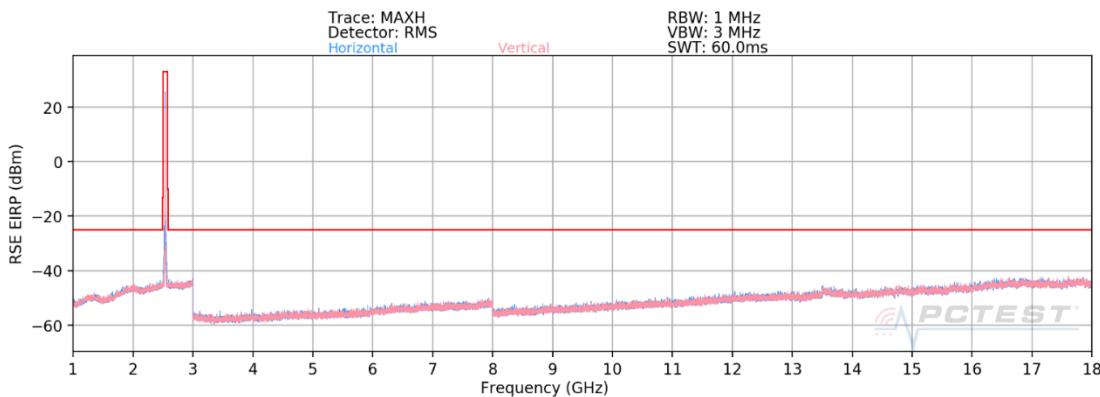
Table 7-63. Radiated Spurious Data (NR Band n41 – Mid Channel)

Bandwidth (MHz):	100															
Frequency (MHz):	2640.0															
RB / Offset:	1/136															
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]							
5280.0	H	-	-	-80.59	7.38	33.79	-61.47	-25.00	-36.47							
7920.0	H	-	-	-81.54	11.23	36.69	-58.57	-25.00	-33.57							
10560.0	H	-	-	-83.78	14.53	37.75	-57.50	-25.00	-32.50							

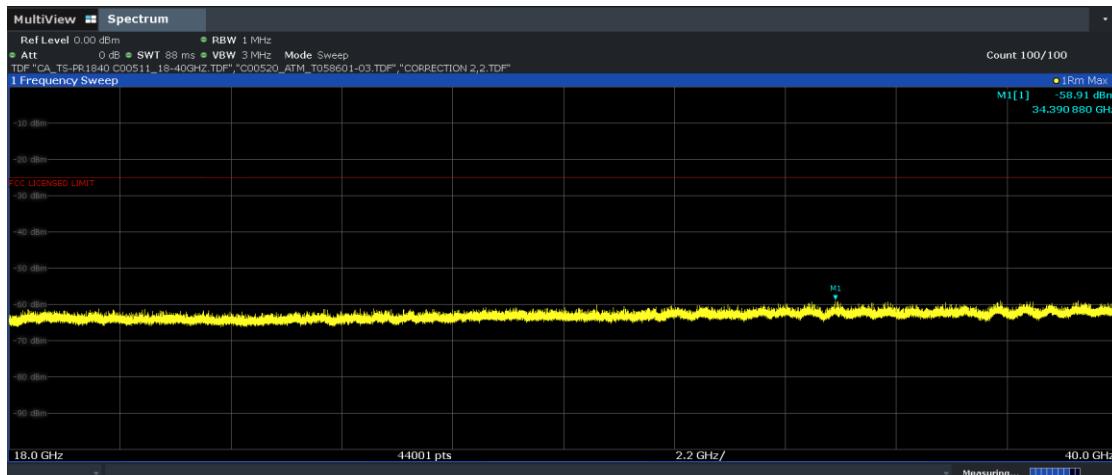
Table 7-64. Radiated Spurious Data (NR Band n41 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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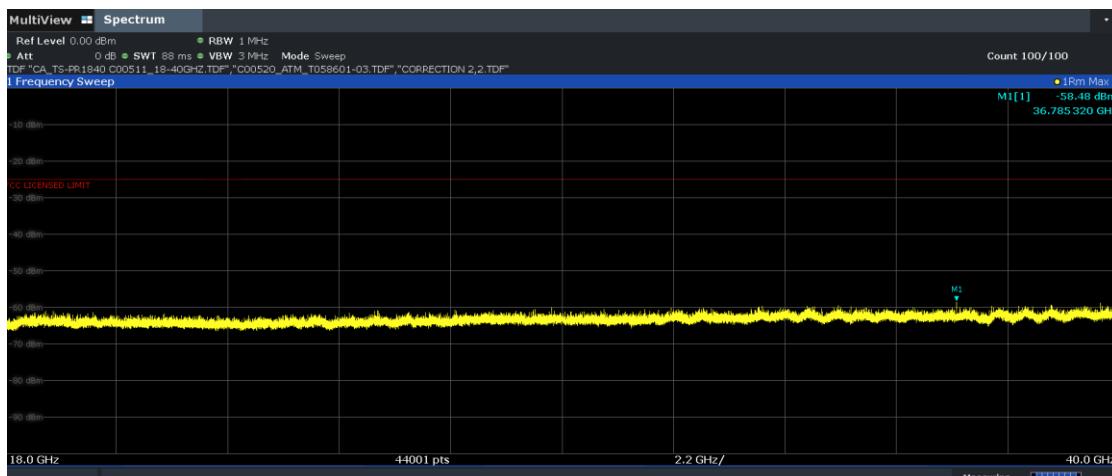
ULCA - LTE B7



Plot 7-288. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE B7)



Plot 7-289. Antenna 4 Radiated Spurious Emission above 18GHz (ULCA LTE B7, Pol. H)



Plot 7-290. Antenna 4 Radiated Spurious Emission above 18GHz (ULCA LTE B7, Pol. V)

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT		Approved by: Quality Manager
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PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2510.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2529.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-80.86	7.68	33.82	-61.44	-25.00	-36.44
7530.0	H	-	-	-81.48	10.81	36.33	-58.93	-25.00	-33.93
10040.0	H	-	-	-84.04	13.87	36.83	-58.43	-25.00	-33.43
12550.0	H	-	-	-85.16	18.32	40.16	-55.10	-25.00	-30.10

Table 7-65. Radiated Spurious Data (ULCA LTE B7 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2535.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2554.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.96	7.43	33.47	-61.79	-25.00	-36.79
7605.0	H	-	-	-81.70	10.53	35.83	-59.43	-25.00	-34.43
10140.0	H	-	-	-83.75	14.39	37.64	-57.62	-25.00	-32.62
12675.0	H	-	-	-85.36	18.59	40.23	-55.03	-25.00	-30.03

Table 7-66. Radiated Spurious Data (ULCA LTE B7 – Mid Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2560.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2540.2
SCC RB / Offset:	1 / 99

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-80.59	7.66	34.07	-61.19	-25.00	-36.19
7680.0	H	-	-	-81.43	9.84	35.41	-59.85	-25.00	-34.85
10240.0	H	-	-	-83.68	13.64	36.96	-58.30	-25.00	-33.30
12800.0	H	-	-	-85.53	18.89	40.36	-54.90	-25.00	-29.90

Table 7-67. Radiated Spurious Data (ULCA LTE B7 – High Channel)

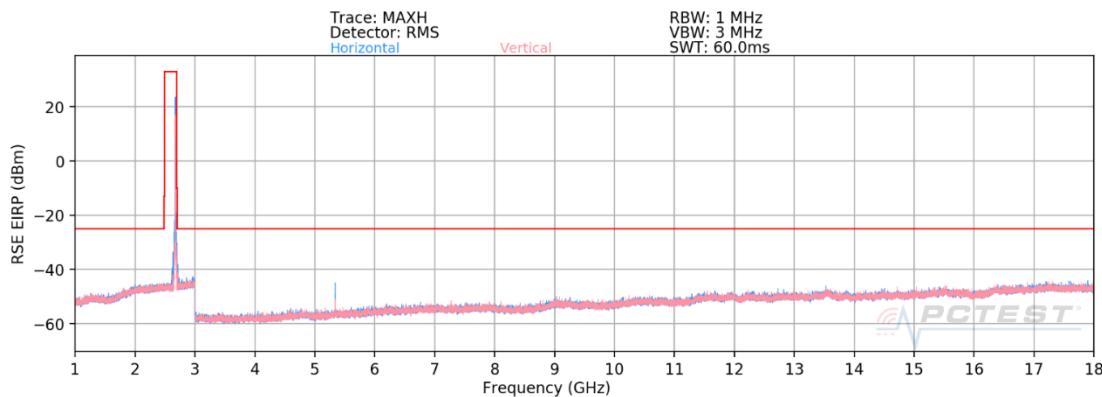
FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager	
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device						

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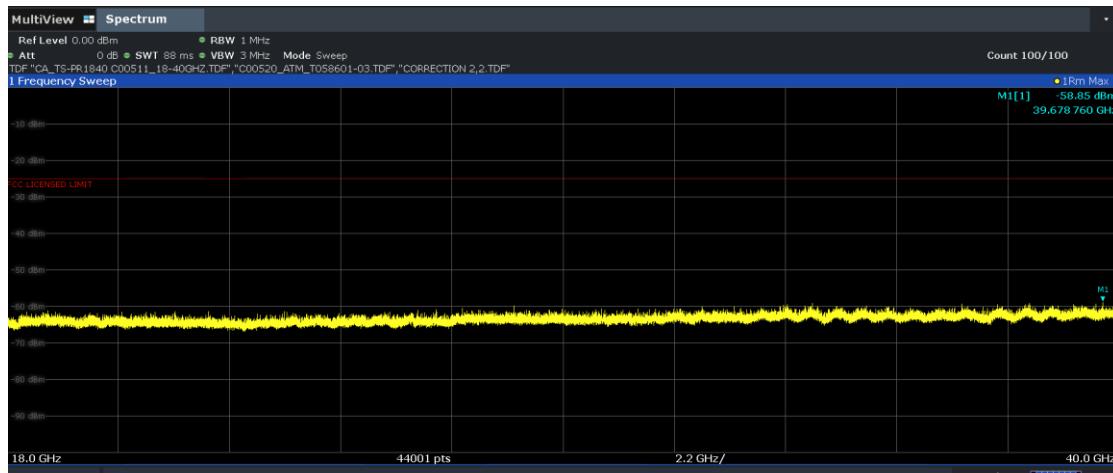
Version 2.0, 5/21/2021

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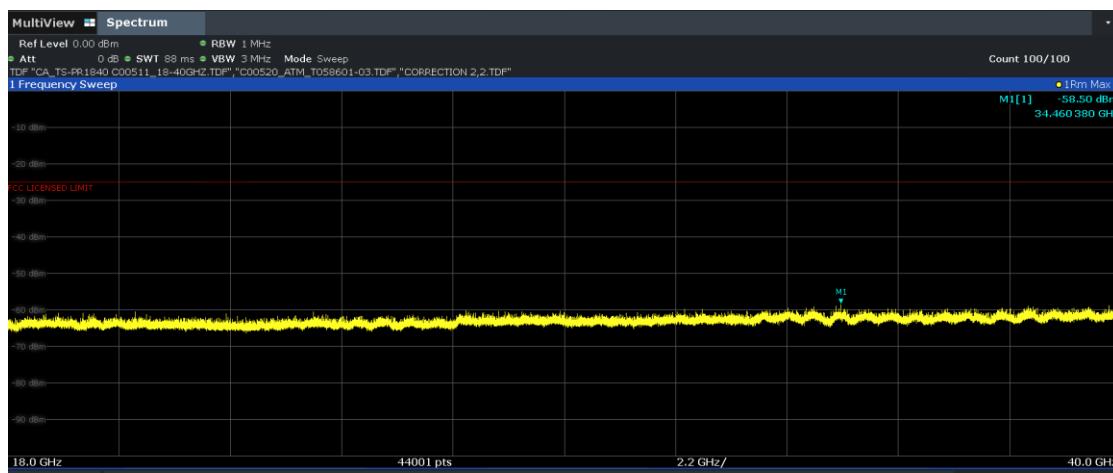
ULCA - LTE B41



Plot 7-291. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE B41)



Plot 7-292. Antenna 4 Radiated Spurious Emission above 18GHz (ULCA LTE B41, Pol. H)



Plot 7-293. Antenna 4 Radiated Spurious Emission above 18GHz (ULCA LTE B41, Pol. V)

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
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PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-70.38	5.50	42.12	-53.13	-25.00	-28.13
7518.0	H	-	-	-71.35	8.56	44.21	-51.05	-25.00	-26.05
10024.0	H	-	-	-72.48	11.12	45.64	-49.61	-25.00	-24.61
12530.0	H	-	-	-73.58	14.94	48.36	-46.90	-25.00	-21.90

Table 7-68. Radiated Spurious Data (ULCA LTE B41 – Low Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2593.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2612.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	138	339	-63.67	5.60	48.93	-46.33	-25.00	-21.33
7779.0	H	-	-	-71.14	8.77	44.63	-50.63	-25.00	-25.63
10372.0	H	-	-	-72.37	12.03	46.66	-48.59	-25.00	-23.59
12965.0	H	-	-	-73.16	14.48	48.32	-46.94	-25.00	-21.94

Table 7-69. Radiated Spurious Data (ULCA LTE B41 – Mid Channel)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2680.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2660.2
SCC RB / Offset:	1 / 99

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	114	338	-61.23	7.21	52.98	-42.28	-25.00	-17.28
8040.0	H	-	-	-71.15	8.92	44.77	-50.49	-25.00	-25.49
10720.0	H	-	-	-71.45	12.35	47.90	-47.35	-25.00	-22.35
13400.0	H	-	-	-73.46	15.12	48.66	-46.60	-25.00	-21.60

Table 7-70. Radiated Spurious Data (ULCA LTE B41 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager	
Test Report S/N: 1C2106080049-04-R1.BCG	Test Dates: 6/2/2021 - 8/26/2021	EUT Type: Tablet Device						

7.7.2 Antenna 1b Radiated Spurious Emission Measurements

LTE Band 30

Bandwidth (MHz):	5								
Frequency (MHz):	2307.5								
RB / Offset:	1 / 12								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-77.95	4.85	33.90	-61.36	-40.00	-21.36
6922.5	H	-	-	-79.46	8.80	36.34	-58.91	-40.00	-18.91
9230.0	H	-	-	-81.88	11.59	36.71	-58.55	-40.00	-18.55

Table 7-71. Radiated Spurious Data (LTE Band 30 – Low Channel)

Bandwidth (MHz):	10								
Frequency (MHz):	2310.0								
RB / Offset:	1 / 25								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-78.04	4.73	33.69	-61.57	-40.00	-21.57
6930.0	H	-	-	-79.34	8.71	36.37	-58.89	-40.00	-18.89
9240.0	H	-	-	-81.95	11.33	36.38	-58.88	-40.00	-18.88

Table 7-72. Radiated Spurious Data (LTE Band 30 – Mid Channel)

Bandwidth (MHz):	5								
Frequency (MHz):	2312.5								
RB / Offset:	1 / 12								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-77.95	4.71	33.76	-61.49	-40.00	-21.49
6937.50	H	-	-	-79.54	8.65	36.11	-59.15	-40.00	-19.15
9250.00	H	-	-	-82.05	11.21	36.16	-59.10	-40.00	-19.10

Table 7-73. Radiated Spurious Data (LTE Band 30 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager
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LTE Band 7

Bandwidth (MHz):	20	
Frequency (MHz):	2510.0	
RB / Offset:	1 / 50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.93	4.65	33.72	-61.54	-25.00	-36.54
7530.0	H	-	-	-80.19	9.06	35.87	-59.39	-25.00	-34.39
10040.0	H	-	-	-83.28	13.34	37.06	-58.20	-25.00	-33.20

Table 7-74. Radiated Spurious Data (LTE Band 7 – Low Channel)

Bandwidth (MHz):	20	
Frequency (MHz):	2535.0	
RB / Offset:	1 / 50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-78.05	4.73	33.68	-61.57	-25.00	-36.57
7605.0	H	-	-	-79.91	9.33	36.42	-58.84	-25.00	-33.84
10140.0	H	-	-	-83.54	14.12	37.58	-57.68	-25.00	-32.68

Table 7-75. Radiated Spurious Data (LTE Band 7 – Mid Channel)

Bandwidth (MHz):	20	
Frequency (MHz):	2560.0	
RB / Offset:	1 / 50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-78.27	4.90	33.63	-61.63	-25.00	-36.63
7680.00	H	-	-	-79.84	8.92	36.08	-59.18	-25.00	-34.18
10240.00	H	-	-	-83.24	14.82	38.58	-56.68	-25.00	-31.68

Table 7-76. Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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LTE Band 41

Bandwidth (MHz):	20								
Frequency (MHz):	2506.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-70.98	8.29	44.31	-50.94	-25.00	-25.94
7518.0	H	-	-	-71.73	11.20	46.47	-48.78	-25.00	-23.78
10024.0	H	-	-	-73.30	15.36	49.06	-46.19	-25.00	-21.19
12530.0	H	-	-	-73.72	17.70	50.98	-44.28	-25.00	-19.28

Table 7-77. Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2593.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-71.66	9.36	44.70	-50.56	-25.00	-25.56
7779.0	H	-	-	-72.75	12.05	46.30	-48.96	-25.00	-23.96
10372.0	H	-	-	-73.96	15.90	48.94	-46.31	-25.00	-21.31
12965.0	H	-	-	-73.79	19.28	52.49	-42.77	-25.00	-17.77

Table 7-78. Radiated Spurious Data (LTE Band 41 – Mid Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2680.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-71.73	9.66	44.93	-50.33	-25.00	-25.33
8040.0	H	-	-	-72.83	13.07	47.24	-48.02	-25.00	-23.02
10720.0	H	-	-	-73.67	15.50	48.83	-46.42	-25.00	-21.42
13400.0	H	-	-	-73.72	18.35	51.63	-43.63	-25.00	-18.63

Table 7-79. Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager
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NR Band n30

Bandwidth (MHz):	10	
Frequency (MHz):	2310.0	
RB / Offset:	1/25	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-80.19	7.06	33.87	-61.39	-40.00	-21.39
6930.0	H	-	-	-81.40	9.64	35.24	-60.02	-40.00	-20.02
9240.0	H	-	-	-83.38	12.23	35.85	-59.40	-40.00	-19.40

Table 7-80. Radiated Spurious Data (NR Band n30 – Low Channel)

Bandwidth (MHz):	10	
Frequency (MHz):	2310.0	
RB / Offset:	1/25	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-80.19	7.06	33.87	-61.39	-40.00	-21.39
6930.0	H	-	-	-81.40	9.64	35.24	-60.02	-40.00	-20.02
9240.0	H	-	-	-83.38	12.23	35.85	-59.40	-40.00	-19.40

Table 7-81. Radiated Spurious Data (NR Band n30 – Mid Channel)

Bandwidth (MHz):	10	
Frequency (MHz):	2310.0	
RB / Offset:	1/25	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-80.19	7.06	33.87	-61.39	-40.00	-21.39
6930.0	H	-	-	-81.40	9.64	35.24	-60.02	-40.00	-20.02
9240.0	H	-	-	-83.38	12.23	35.85	-59.40	-40.00	-19.40

Table 7-82. Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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NR Band n7

Bandwidth (MHz):	40	
Frequency (MHz):	2520.0	
RB / Offset:	1/50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5040.0	H	-	-	-81.40	7.68	33.28	-61.98	-25.00	-36.98
7560.0	H	-	-	-82.18	10.81	35.63	-59.63	-25.00	-34.63
10080.0	H	-	-	-84.60	13.87	36.27	-58.99	-25.00	-33.99

Table 7-83. Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	40	
Frequency (MHz):	2535.0	
RB / Offset:	1/50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-81.47	7.43	32.96	-62.30	-25.00	-37.30
7605.0	H	-	-	-82.25	10.53	35.28	-59.98	-25.00	-34.98
10140.0	H	-	-	-84.24	14.39	37.15	-58.11	-25.00	-33.11

Table 7-84. Radiated Spurious Data (NR Band n7 – Mid Channel)

Bandwidth (MHz):	40	
Frequency (MHz):	2550.0	
RB / Offset:	1/50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	H	-	-	-81.18	7.66	33.48	-61.78	-25.00	-36.78
7650.0	H	-	-	-81.34	9.84	35.50	-59.76	-25.00	-34.76
10200.0	H	-	-	-84.04	13.64	36.60	-58.66	-25.00	-33.66

Table 7-85. Radiated Spurious Data (NR Band n7 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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NR Band n41

Bandwidth (MHz):	100								
Frequency (MHz):	2546.0								
RB / Offset:	1/136								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-80.74	7.89	34.15	-61.10	-25.00	-36.10
7638.0	H	-	-	-81.65	10.96	36.31	-58.95	-25.00	-33.95
10184.0	H	-	-	-83.41	14.01	37.60	-57.66	-25.00	-32.66

Table 7-86. Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100								
Frequency (MHz):	2593.0								
RB / Offset:	1/136								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-80.77	7.68	33.91	-61.35	-25.00	-36.35
7779.0	H	-	-	-81.14	10.41	36.27	-58.99	-25.00	-33.99
10372.0	H	-	-	-83.70	14.61	37.91	-57.35	-25.00	-32.35

Table 7-87. Radiated Spurious Data (NR Band n41 – Mid Channel)

Bandwidth (MHz):	100								
Frequency (MHz):	2640.0								
RB / Offset:	1/136								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-80.67	7.38	33.71	-61.55	-25.00	-36.55
7920.0	H	-	-	-81.65	11.23	36.58	-58.68	-25.00	-33.68
10560.0	H	-	-	-83.84	14.53	37.69	-57.56	-25.00	-32.56

Table 7-88. Radiated Spurious Data (NR Band n41 – High Channel)

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PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2510.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2529.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-80.78	7.68	33.90	-61.36	-25.00	-36.36
7530.0	H	-	-	-81.62	10.81	36.19	-59.07	-25.00	-34.07
10040.0	H	-	-	-84.09	13.87	36.78	-58.48	-25.00	-33.48
12550.0	H	-	-	-84.90	18.32	40.42	-54.84	-25.00	-29.84

Table 7-89. Radiated Spurious Data (ULCA LTE B7 – Low Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2535.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2554.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.76	7.43	33.67	-61.59	-25.00	-36.59
7605.0	H	-	-	-81.57	10.53	35.96	-59.30	-25.00	-34.30
10140.0	H	-	-	-83.65	14.39	37.74	-57.52	-25.00	-32.52
12675.0	H	-	-	-85.03	18.59	40.56	-54.70	-25.00	-29.70

Table 7-90. Radiated Spurious Data (ULCA LTE B7 – Mid Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2560.0								
PCC RB / Offset:	1 / 0								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2540.2								
SCC RB / Offset:	1 / 99								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-80.55	7.66	34.11	-61.15	-25.00	-36.15
7680.0	H	-	-	-81.28	9.84	35.56	-59.70	-25.00	-34.70
10240.0	H	-	-	-83.74	13.64	36.90	-58.36	-25.00	-33.36
12800.0	H	-	-	-85.56	18.89	40.33	-54.93	-25.00	-29.93

Table 7-91. Radiated Spurious Data (ULCA LTE B7 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT							Approved by: Quality Manager
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PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2506.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2525.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-70.66	5.50	41.84	-53.41	-25.00	-28.41
7518.0	H	-	-	-71.49	8.56	44.07	-51.19	-25.00	-26.19
10024.0	H	-	-	-72.22	11.12	45.90	-49.35	-25.00	-24.35
12530.0	H	-	-	-73.46	14.94	48.48	-46.78	-25.00	-21.78

Table 7-92. Radiated Spurious Data (ULCA LTE B41 – Low Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2593.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2612.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	106	346	-64.44	5.60	48.16	-47.10	-25.00	-22.10
7779.0	H	-	-	-71.15	8.77	44.62	-50.64	-25.00	-25.64
10372.0	H	-	-	-72.57	12.03	46.46	-48.79	-25.00	-23.79
12965.0	H	-	-	-73.32	14.48	48.16	-47.10	-25.00	-22.10

Table 7-93. Radiated Spurious Data (ULCA LTE B41 – Mid Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2680.0								
PCC RB / Offset:	1 / 0								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2660.2								
SCC RB / Offset:	1 / 99								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	110	339	-60.73	7.21	53.48	-41.78	-25.00	-16.78
8040.0	H	111	121	-69.13	8.92	46.79	-48.47	-25.00	-23.47
10720.0	H	-	-	-72.94	12.35	46.41	-48.84	-25.00	-23.84
13400.0	H	-	-	-73.69	15.12	48.43	-46.83	-25.00	-21.83
16080.0	H	-	-	-73.25	17.21	50.96	-44.29	-25.00	-19.29

Table 7-94. Radiated Spurious Data (ULCA LTE B41 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT							Approved by: Quality Manager
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7.7.3 Antenna 3b Radiated Spurious Emission Measurements

LTE Band 30

Bandwidth (MHz):	5								
Frequency (MHz):	2307.5								
RB / Offset:	1 / 12								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-80.21	6.55	33.34	-61.92	-40.00	-21.92
6922.5	V	317	157	-78.36	9.25	37.89	-57.37	-40.00	-17.37
9230.0	V	-	-	-82.99	11.98	35.99	-59.26	-40.00	-19.26
11537.5	V	-	-	-83.00	14.65	38.65	-56.61	-40.00	-16.61
13845.0	V	-	-	-83.80	15.95	39.15	-56.11	-40.00	-16.11

Table 7-95. Radiated Spurious Data (LTE Band 30 – Low Channel)

Bandwidth (MHz):	10								
Frequency (MHz):	2310.0								
RB / Offset:	1 / 25								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-80.24	6.58	33.34	-61.91	-40.00	-21.91
6930.0	V	313	160	-78.66	9.29	37.63	-57.63	-40.00	-17.63
9240.0	V	-	-	-82.61	12.24	36.63	-58.63	-40.00	-18.63
11550.0	V	-	-	-82.62	14.74	39.12	-56.14	-40.00	-16.14
13860.0	V	-	-	-83.68	16.01	39.33	-55.93	-40.00	-15.93

Table 7-96. Radiated Spurious Data (LTE Band 30 – Mid Channel)

Bandwidth (MHz):	5								
Frequency (MHz):	2312.5								
RB / Offset:	1 / 12								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	V	-	-	-80.30	6.62	33.32	-61.94	-40.00	-21.94
6937.50	V	292	93	-71.70	9.32	44.62	-50.64	-40.00	-10.64
9250.00	V	-	-	-82.82	12.30	36.48	-58.78	-40.00	-18.78
11562.50	V	-	-	-82.92	14.84	38.92	-56.34	-40.00	-16.34
13875.00	V	-	-	-83.54	16.06	39.52	-55.74	-40.00	-15.74

Table 7-97. Radiated Spurious Data (LTE Band 30 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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LTE Band 7

Bandwidth (MHz):	20	
Frequency (MHz):	2510.0	
RB / Offset:	1 / 50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-80.48	8.23	34.75	-60.50	-25.00	-35.50
7530.0	H	-	-	-81.36	11.21	36.85	-58.41	-25.00	-33.41
10040.0	H	-	-	-82.59	14.94	39.35	-55.91	-25.00	-30.91

Table 7-98. Radiated Spurious Data (LTE Band 7 – Low Channel)

Bandwidth (MHz):	20	
Frequency (MHz):	2535.0	
RB / Offset:	1 / 50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.77	7.88	34.11	-61.15	-25.00	-36.15
7605.0	H	-	-	-82.24	12.79	37.55	-57.71	-25.00	-32.71
10140.0	H	-	-	-82.68	14.84	39.16	-56.10	-25.00	-31.10

Table 7-99. Radiated Spurious Data (LTE Band 7 – Mid Channel)

Bandwidth (MHz):	20	
Frequency (MHz):	2560.0	
RB / Offset:	1 / 50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-81.19	9.07	34.88	-60.38	-25.00	-35.38
7680.00	H	-	-	-82.02	12.28	37.26	-57.99	-25.00	-32.99
10240.00	H	-	-	-82.58	15.63	40.05	-55.21	-25.00	-30.21

Table 7-100. Radiated Spurious Data (LTE Band 7 – High Channel)

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LTE Band 41

Bandwidth (MHz):	20								
Frequency (MHz):	2506.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-71.10	8.29	44.19	-51.06	-25.00	-26.06
7518.0	H	-	-	-72.24	11.20	45.96	-49.29	-25.00	-24.29
10024.0	H	-	-	-72.84	15.36	49.52	-45.73	-25.00	-20.73
12530.0	H	-	-	-73.42	17.70	51.28	-43.98	-25.00	-18.98

Table 7-101. Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2593.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-71.36	9.36	45.00	-50.26	-25.00	-25.26
7779.0	H	-	-	-72.37	12.05	46.68	-48.58	-25.00	-23.58
10372.0	H	-	-	-73.24	15.90	49.66	-45.59	-25.00	-20.59
12965.0	H	-	-	-73.75	19.28	52.53	-42.73	-25.00	-17.73

Table 7-102. Radiated Spurious Data (LTE Band 41 – Mid Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2680.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-71.72	9.66	44.94	-50.32	-25.00	-25.32
8040.0	H	-	-	-73.53	13.07	46.54	-48.72	-25.00	-23.72
10720.0	H	-	-	-73.22	15.50	49.28	-45.97	-25.00	-20.97
13400.0	H	-	-	-73.90	18.35	51.45	-43.81	-25.00	-18.81

Table 7-103. Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager
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NR Band n30

Bandwidth (MHz):	5								
Frequency (MHz):	2307.5								
RB / Offset:	1/25								

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-80.58	7.06	33.48	-61.78	-40.00	-21.78
6922.5	H	-	-	-81.49	9.64	35.15	-60.11	-40.00	-20.11
9230.0	H	-	-	-82.45	12.23	36.78	-58.47	-40.00	-18.47

Table 7-104. Radiated Spurious Data (NR Band n30 – Low Channel)

Bandwidth (MHz):	10								
Frequency (MHz):	2310.0								
RB / Offset:	1/25								

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-80.21	7.06	33.85	-61.41	-40.00	-21.41
6930.0	H	-	-	-81.11	9.64	35.53	-59.73	-40.00	-19.73
9240.0	H	-	-	-83.27	12.23	35.96	-59.29	-40.00	-19.29

Table 7-105. Radiated Spurious Data (NR Band n30 – Mid Channel)

Bandwidth (MHz):	5								
Frequency (MHz):	2312.5								
RB / Offset:	1/25								

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-80.87	7.06	33.19	-62.07	-40.00	-22.07
6937.5	H	-	-	-82.27	9.64	34.37	-60.89	-40.00	-20.89
9250.0	H	-	-	-82.58	12.23	36.65	-58.60	-40.00	-18.60

Table 7-106. Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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NR Band n7

Bandwidth (MHz):	40	
Frequency (MHz):	2520.0	
RB / Offset:	1/108	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5040.0	H	-	-	-80.85	7.68	33.83	-61.43	-25.00	-36.43
7560.0	H	-	-	-81.59	10.81	36.22	-59.04	-25.00	-34.04
10080.0	H	-	-	-84.13	13.87	36.74	-58.52	-25.00	-33.52

Table 7-107. Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	40	
Frequency (MHz):	2535.0	
RB / Offset:	1/108	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.89	7.43	33.54	-61.72	-25.00	-36.72
7605.0	H	-	-	-81.44	10.53	36.09	-59.17	-25.00	-34.17
10140.0	H	-	-	-83.75	14.39	37.64	-57.62	-25.00	-32.62

Table 7-108. Radiated Spurious Data (NR Band n7 – Mid Channel)

Bandwidth (MHz):	40	
Frequency (MHz):	2550.0	
RB / Offset:	1/108	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	H	-	-	-80.67	7.66	33.99	-61.27	-25.00	-36.27
7650.0	H	-	-	-81.40	9.84	35.44	-59.82	-25.00	-34.82
10200.0	H	-	-	-83.67	13.64	36.97	-58.29	-25.00	-33.29

Table 7-109. Radiated Spurious Data (NR Band n7 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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NR Band n41

Bandwidth (MHz):	100								
Frequency (MHz):	2546.0								
RB / Offset:	1/136								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	113	333	-65.12	7.89	49.77	-45.48	-25.00	-20.48
7638.0	H	112	226	-76.56	10.96	41.40	-53.86	-25.00	-28.86
10184.0	H	-	-	-83.09	14.01	37.92	-57.34	-25.00	-32.34
12730.0	H	-	-	-84.43	17.83	40.40	-54.86	-25.00	-29.86
15276.0	H	-	-	-85.10	20.28	42.18	-53.08	-25.00	-28.08

Table 7-110. Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100								
Frequency (MHz):	2593.0								
RB / Offset:	1/136								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	318	1	-57.63	7.68	57.05	-38.21	-25.00	-13.21
7779.0	H	255	9	-68.11	10.41	49.30	-45.96	-25.00	-20.96
10372.0	H	-	-	-83.54	14.61	38.07	-57.19	-25.00	-32.19
12965.0	H	-	-	-84.25	18.16	40.91	-54.35	-25.00	-29.35
15558.0	H	-	-	-85.03	21.09	43.06	-52.20	-25.00	-27.20

Table 7-111. Radiated Spurious Data (NR Band n41 – Mid Channel)

Bandwidth (MHz):	100								
Frequency (MHz):	2640.0								
RB / Offset:	1/136								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	107	296	-59.25	7.38	55.13	-40.13	-25.00	-15.13
7920.0	H	103	303	-70.54	11.23	47.69	-47.57	-25.00	-22.57
10560.0	H	-	-	-83.37	14.53	38.16	-57.09	-25.00	-32.09
13200.0	H	-	-	-84.65	17.92	40.27	-54.99	-25.00	-29.99
15840.0	H	-	-	-85.06	21.05	42.99	-52.27	-25.00	-27.27

Table 7-112. Radiated Spurious Data (NR Band n41 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2510.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2529.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-80.64	7.68	34.04	-61.22	-25.00	-36.22
7530.0	H	-	-	-81.55	10.81	36.26	-59.00	-25.00	-34.00
10040.0	H	-	-	-84.47	13.87	36.40	-58.86	-25.00	-33.86
12550.0	H	-	-	-84.85	18.32	40.47	-54.79	-25.00	-29.79

Table 7-113. Radiated Spurious Data (ULCA LTE B7 – Low Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2535.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2554.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.83	7.43	33.60	-61.66	-25.00	-36.66
7605.0	H	-	-	-81.90	10.53	35.63	-59.63	-25.00	-34.63
10140.0	H	-	-	-83.76	14.39	37.63	-57.63	-25.00	-32.63
12675.0	H	-	-	-85.13	18.59	40.46	-54.80	-25.00	-29.80

Table 7-114. Radiated Spurious Data (ULCA LTE B7 – Mid Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2560.0								
PCC RB / Offset:	1 / 0								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2540.2								
SCC RB / Offset:	1 / 99								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-80.59	7.66	34.07	-61.19	-25.00	-36.19
7680.0	H	-	-	-81.47	9.84	35.37	-59.89	-25.00	-34.89
10240.0	H	-	-	-83.75	13.64	36.89	-58.37	-25.00	-33.37
12800.0	H	-	-	-85.61	18.89	40.28	-54.98	-25.00	-29.98

Table 7-115. Radiated Spurious Data (ULCA LTE B7 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT							Approved by: Quality Manager	
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PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2506.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2525.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-70.21	5.50	42.29	-52.96	-25.00	-27.96
7518.0	H	-	-	-71.25	8.56	44.31	-50.95	-25.00	-25.95
10024.0	H	-	-	-72.35	11.12	45.77	-49.48	-25.00	-24.48
12530.0	H	-	-	-73.21	14.94	48.73	-46.53	-25.00	-21.53

Table 7-116. Radiated Spurious Data (ULCA LTE B41 – Low Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2593.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2612.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	110	334	-58.46	5.60	54.14	-41.12	-25.00	-16.12
7779.0	H	110	128	-69.08	8.77	46.69	-48.57	-25.00	-23.57
10372.0	H	-	-	-72.60	12.03	46.43	-48.82	-25.00	-23.82
12965.0	H	-	-	-73.59	14.48	47.89	-47.37	-25.00	-22.37
15558.0	H	-	-	-72.49	17.06	51.57	-43.69	-25.00	-18.69

Table 7-117. Radiated Spurious Data (ULCA LTE B41 – Mid Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2680.0								
PCC RB / Offset:	1 / 0								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2660.2								
SCC RB / Offset:	1 / 99								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	122	336	-58.32	7.21	55.89	-39.37	-25.00	-14.37
8040.0	H	121	343	-68.40	8.92	47.52	-47.74	-25.00	-22.74
10720.0	H	-	-	-72.89	12.35	46.46	-48.79	-25.00	-23.79
13400.0	H	-	-	-73.73	15.12	48.39	-46.87	-25.00	-21.87
16080.0	H	-	-	-73.25	17.21	50.96	-44.29	-25.00	-19.29

Table 7-118. Radiated Spurious Data (ULCA LTE B41 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT							Approved by: Quality Manager
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7.7.4 Antenna 2 Radiated Spurious Emission Measurements

LTE Band 30

Bandwidth (MHz):	5								
Frequency (MHz):	2307.5								
RB / Offset:	1 / 25								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-80.27	6.55	33.28	-61.98	-40.00	-21.98
6922.5	H	-	-	-81.64	9.25	34.61	-60.65	-40.00	-20.65
9230.0	H	-	-	-83.00	11.98	35.98	-59.27	-40.00	-19.27
11537.5	H	-	-	-82.80	14.65	38.85	-56.41	-40.00	-16.41

Table 7-119. Radiated Spurious Data (LTE Band 30 – Low Channel)

Bandwidth (MHz):	10								
Frequency (MHz):	2310.0								
RB / Offset:	1 / 25								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-80.15	6.58	33.43	-61.82	-40.00	-21.82
6930.0	H	-	-	-81.65	9.29	34.64	-60.62	-40.00	-20.62
9240.0	H	-	-	-82.79	12.24	36.45	-58.81	-40.00	-18.81
11550.0	H	-	-	-82.97	14.74	38.77	-56.49	-40.00	-16.49

Table 7-120. Radiated Spurious Data (LTE Band 30 – Mid Channel)

Bandwidth (MHz):	5								
Frequency (MHz):	2312.5								
RB / Offset:	1 / 25								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-80.19	6.62	33.43	-61.83	-40.00	-21.83
6937.50	H	-	-	-81.62	9.32	34.70	-60.56	-40.00	-20.56
9250.00	H	-	-	-82.64	12.30	36.66	-58.60	-40.00	-18.60
11562.50	H	-	-	-83.03	14.84	38.81	-56.45	-40.00	-16.45

Table 7-121. Radiated Spurious Data (LTE Band 30 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager	
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LTE Band 7

Bandwidth (MHz):	20	
Frequency (MHz):	2510.0	
RB / Offset:	1 / 50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-80.44	8.23	34.79	-60.46	-25.00	-35.46
7530.0	H	-	-	-81.45	11.21	36.76	-58.50	-25.00	-33.50
10040.0	H	-	-	-82.59	14.94	39.35	-55.91	-25.00	-30.91

Table 7-122. Radiated Spurious Data (LTE Band 7 – Low Channel)

Bandwidth (MHz):	20	
Frequency (MHz):	2535.0	
RB / Offset:	1 / 50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.03	7.88	34.85	-60.41	-25.00	-35.41
7605.0	H	-	-	-81.65	12.79	38.14	-57.12	-25.00	-32.12
10140.0	H	-	-	-81.63	14.84	40.21	-55.05	-25.00	-30.05

Table 7-123. Radiated Spurious Data (LTE Band 7 – Mid Channel)

Bandwidth (MHz):	20	
Frequency (MHz):	2560.0	
RB / Offset:	1 / 50	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-80.16	9.07	35.91	-59.35	-25.00	-34.35
7680.00	H	-	-	-82.40	12.28	36.88	-58.37	-25.00	-33.37
10240.00	H	-	-	-82.97	15.63	39.66	-55.60	-25.00	-30.60

Table 7-124. Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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LTE Band 41

Bandwidth (MHz):	20								
Frequency (MHz):	2506.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-70.80	8.29	44.49	-50.76	-25.00	-25.76
7518.0	H	-	-	-71.55	11.20	46.65	-48.60	-25.00	-23.60
10024.0	H	-	-	-73.02	15.36	49.34	-45.91	-25.00	-20.91
12530.0	H	-	-	-73.37	17.70	51.33	-43.93	-25.00	-18.93

Table 7-125. Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2593.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-71.57	9.36	44.79	-50.47	-25.00	-25.47
7779.0	H	-	-	-72.32	12.05	46.73	-48.53	-25.00	-23.53
10372.0	H	-	-	-73.40	15.90	49.50	-45.75	-25.00	-20.75
12965.0	H	-	-	-73.46	19.28	52.82	-42.44	-25.00	-17.44

Table 7-126. Radiated Spurious Data (LTE Band 41 – Mid Channel)

Bandwidth (MHz):	20								
Frequency (MHz):	2680.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-71.56	9.66	45.10	-50.16	-25.00	-25.16
8040.0	H	-	-	-72.98	13.07	47.09	-48.17	-25.00	-23.17
10720.0	H	-	-	-74.05	15.50	48.45	-46.80	-25.00	-21.80
13400.0	H	-	-	-73.58	18.35	51.77	-43.49	-25.00	-18.49

Table 7-127. Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT						Approved by: Quality Manager
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NR Band n30

Bandwidth (MHz):	5								
Frequency (MHz):	2307.5								
RB / Offset:	1/25								

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-77.93	7.06	36.13	-59.13	-40.00	-19.13
6922.5	H	-	-	-80.19	9.64	36.45	-58.81	-40.00	-18.81
9230.0	H	-	-	-83.28	12.23	35.95	-59.30	-40.00	-19.30

Table 7-128. Radiated Spurious Data (NR Band n30 – Low Channel)

Bandwidth (MHz):	10								
Frequency (MHz):	2310.0								
RB / Offset:	1/25								

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-80.28	7.06	33.78	-61.48	-40.00	-21.48
6930.0	H	-	-	-81.28	9.64	35.36	-59.90	-40.00	-19.90
9240.0	H	-	-	-83.31	12.23	35.92	-59.33	-40.00	-19.33

Table 7-129. Radiated Spurious Data (NR Band n30 – Mid Channel)

Bandwidth (MHz):	5								
Frequency (MHz):	2312.5								
RB / Offset:	1/25								

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-78.27	7.06	35.79	-59.47	-40.00	-19.47
6937.5	H	-	-	-79.84	9.64	36.80	-58.46	-40.00	-18.46
9250.0	H	-	-	-83.24	12.23	35.99	-59.26	-40.00	-19.26

Table 7-130. Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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NR Band n7

Bandwidth (MHz):	40	
Frequency (MHz):	2520.0	
RB / Offset:	1/108	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5040.0	H	-	-	-80.59	7.68	34.09	-61.17	-25.00	-36.17
7560.0	H	-	-	-81.50	10.81	36.31	-58.95	-25.00	-33.95
10080.0	H	-	-	-84.15	13.87	36.72	-58.54	-25.00	-33.54

Table 7-131. Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	40	
Frequency (MHz):	2535.0	
RB / Offset:	1/108	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.92	7.43	33.51	-61.75	-25.00	-36.75
7605.0	H	-	-	-81.35	10.53	36.18	-59.08	-25.00	-34.08
10140.0	H	-	-	-83.98	14.39	37.41	-57.85	-25.00	-32.85

Table 7-132. Radiated Spurious Data (NR Band n7 – Mid Channel)

Bandwidth (MHz):	40	
Frequency (MHz):	2550.0	
RB / Offset:	1/108	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	H	-	-	-80.93	7.66	33.73	-61.53	-25.00	-36.53
7650.0	H	-	-	-81.28	9.84	35.56	-59.70	-25.00	-34.70
10200.0	H	-	-	-83.81	13.64	36.83	-58.43	-25.00	-33.43

Table 7-133. Radiated Spurious Data (NR Band n7 – High Channel)

FCC ID: BCGA2568	PART 27 MEASUREMENT REPORT					Approved by: Quality Manager
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NR Band n41

Bandwidth (MHz):	100								
Frequency (MHz):	2546.0								
RB / Offset:	1/136								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-80.94	7.89	33.95	-61.30	-25.00	-36.30
7638.0	H	-	-	-81.90	10.96	36.06	-59.20	-25.00	-34.20
10184.0	H	-	-	-83.67	14.01	37.34	-57.92	-25.00	-32.92

Table 7-134. Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100								
Frequency (MHz):	2593.0								
RB / Offset:	1/136								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-80.85	7.68	33.83	-61.43	-25.00	-36.43
7779.0	H	-	-	-81.28	10.41	36.13	-59.13	-25.00	-34.13
10372.0	H	-	-	-83.87	14.61	37.74	-57.52	-25.00	-32.52

Table 7-135. Radiated Spurious Data (NR Band n41 – Mid Channel)

Bandwidth (MHz):	100								
Frequency (MHz):	2640.0								
RB / Offset:	1/136								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-80.63	7.38	33.75	-61.51	-25.00	-36.51
7920.0	H	-	-	-81.62	11.23	36.61	-58.65	-25.00	-33.65
10560.0	H	-	-	-83.74	14.53	37.79	-57.46	-25.00	-32.46

Table 7-136. Radiated Spurious Data (NR Band n41 – High Channel)

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ULCA - LTE B7

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2510.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2529.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-80.72	7.68	33.96	-61.30	-25.00	-36.30
7530.0	H	-	-	-81.41	10.81	36.40	-58.86	-25.00	-33.86
10040.0	H	-	-	-84.27	13.87	36.60	-58.66	-25.00	-33.66
12550.0	H	-	-	-85.03	18.32	40.29	-54.97	-25.00	-29.97

Table 7-137. Radiated Spurious Data (ULCA LTE B7 – Low Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2535.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2554.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.91	7.43	33.52	-61.74	-25.00	-36.74
7605.0	H	-	-	-81.82	10.53	35.71	-59.55	-25.00	-34.55
10140.0	H	-	-	-83.71	14.39	37.68	-57.58	-25.00	-32.58
12675.0	H	-	-	-85.04	18.59	40.55	-54.71	-25.00	-29.71

Table 7-138. Radiated Spurious Data (ULCA LTE B7 – Mid Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2560.0								
PCC RB / Offset:	1 / 0								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2540.2								
SCC RB / Offset:	1 / 99								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-80.63	7.66	34.03	-61.23	-25.00	-36.23
7680.0	H	-	-	-81.54	9.84	35.30	-59.96	-25.00	-34.96
10240.0	H	-	-	-83.77	13.64	36.87	-58.39	-25.00	-33.39
12800.0	H	-	-	-85.66	18.89	40.23	-55.03	-25.00	-30.03

Table 7-139. Radiated Spurious Data (ULCA LTE B7 – High Channel)

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PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2506.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2525.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-70.68	5.50	41.82	-53.43	-25.00	-28.43
7518.0	H	-	-	-71.74	8.56	43.82	-51.44	-25.00	-26.44
10024.0	H	-	-	-72.38	11.12	45.74	-49.51	-25.00	-24.51
12530.0	H	-	-	-73.77	14.94	48.17	-47.09	-25.00	-22.09

Table 7-140. Radiated Spurious Data (ULCA LTE B41 – Low Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2593.0								
PCC RB / Offset:	1 / 99								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2612.8								
SCC RB / Offset:	1 / 0								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	106	341	-59.93	5.60	52.67	-42.59	-25.00	-17.59
7779.0	H	110	134	-68.98	8.77	46.79	-48.47	-25.00	-23.47
10372.0	H	-	-	-72.64	12.03	46.39	-48.86	-25.00	-23.86
12965.0	H	-	-	-73.74	14.48	47.74	-47.52	-25.00	-22.52
15558.0	H	-	-	-72.94	17.06	51.12	-44.14	-25.00	-19.14

Table 7-141. Radiated Spurious Data (ULCA LTE B41 – Mid Channel)

PCC Bandwidth (MHz):	20								
PCC Frequency (MHz):	2680.0								
PCC RB / Offset:	1 / 0								
SCC Bandwidth (MHz):	20								
SCC Frequency (MHz):	2660.2								
SCC RB / Offset:	1 / 99								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	106	347	-59.49	7.21	54.72	-40.54	-25.00	-15.54
8040.0	H	102	301	-69.15	8.92	46.77	-48.49	-25.00	-23.49
10720.0	H	-	-	-73.17	12.35	46.18	-49.07	-25.00	-24.07
13400.0	H	-	-	-73.45	15.12	48.67	-46.59	-25.00	-21.59
16080.0	H	-	-	-73.86	17.21	50.35	-44.90	-25.00	-19.90

Table 7-142. Radiated Spurious Data (ULCA LTE B41 – High Channel)

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7.8 Frequency Stability / Temperature Variation

§2.1055, §27.54

Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26-2015 and TIA-603-E-2016. The frequency stability of the transmitter is measured by:

- Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 27, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Procedure Used

ANSI C63.26 2015

TIA-603-E-2016

Test Settings

- The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
- The equipment is turned on in a "standby" condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
- Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

Test Setup

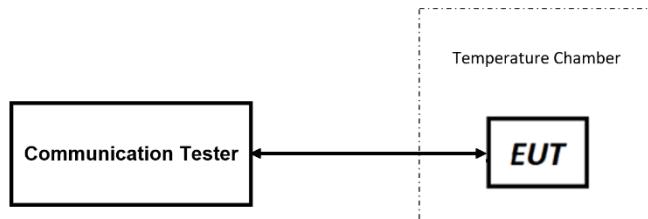


Figure 7-8. Test Instrument & Measurement Setup

Test Notes

- All port were tested and only the worst case data were reported.
- NR bands with wider bandwidths compared to respective LTE bands have been investigated and worst case was reported. NR Bands with equal or lower bandwidths to respective LTE bands are covered by their respective LTE Bands.

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Frequency Stability / Temperature Variation

LTE Band 30

Low Channel Frequency (Hz):	2,307,500,000
High Channel Frequency (Hz):	2,312,500,000
Ref. Voltage (VDC):	3.80

Voltage (%)	Power (VDC)	Temp (°C)	Low Freq. (Hz)	High Freq. (Hz)	Low Freq. Dev. (Hz)	High Freq. Dev. (Hz)	Deviation (%)
100 %	3.80	- 30	2,307,500,003	2,312,500,005	5	4	0.0000002
		- 20	2,307,499,999	2,312,500,003	1	2	0.0000001
		- 10	2,307,499,998	2,312,500,004	1	3	0.0000001
		0	2,307,499,996	2,312,499,999	-1	-2	-0.0000001
		+ 10	2,307,499,998	2,312,500,003	0	2	0.0000001
		+ 20 (Ref)	2,307,499,997	2,312,500,001	0	0	0.0000000
		+ 30	2,307,499,993	2,312,500,005	-4	4	-0.0000002
		+ 40	2,307,499,996	2,312,500,003	-1	2	0.0000001
		+ 50	2,307,499,997	2,312,500,003	0	2	0.0000001
Battery Endpoint	3.23	+ 20	2,307,499,995	2,312,500,000	-2	-1	-0.0000001

Table 7-143. LTE Band 30 Frequency Stability Data

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Frequency Stability / Temperature Variation

LTE Band 7

Low Channel Frequency (Hz):	2,510,000,000
High Channel Frequency (Hz):	2,560,000,000
Ref. Voltage (VDC):	3.80

Voltage (%)	Power (VDC)	Temp (°C)	Low Freq. (Hz)	High Freq. (Hz)	Low Freq. Dev. (Hz)	High Freq. Dev. (Hz)	Deviation (%)
100 %	3.80	- 30	2,509,999,975	2,560,000,004	-11	-1	-0.0000004
		- 20	2,509,999,978	2,560,000,006	-7	1	-0.0000003
		- 10	2,509,999,975	2,560,000,007	-10	1	-0.0000004
		0	2,509,999,978	2,560,000,006	-7	1	-0.0000003
		+ 10	2,509,999,974	2,560,000,005	-12	0	-0.0000005
		+ 20 (Ref)	2,509,999,985	2,560,000,005	0	0	0.0000000
		+ 30	2,509,999,974	2,560,000,008	-11	3	-0.0000004
		+ 40	2,509,999,976	2,560,000,006	-9	1	-0.0000004
		+ 50	2,509,999,974	2,560,000,003	-12	-3	-0.0000005
Battery Endpoint	3.23	+ 20	2,509,999,974	2,560,000,001	-11	-4	-0.0000004

Table 7-144. LTE Band 7 Frequency Stability Data

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Frequency Stability / Temperature Variation

LTE Band 41

Low Channel Frequency (Hz):	2,506,000,000
High Channel Frequency (Hz):	2,580,000,000
Ref. Voltage (VDC):	3.80

Voltage (%)	Power (VDC)	Temp (°C)	Low Freq. (Hz)	High Freq. (Hz)	Low Freq. Dev. (Hz)	High Freq. Dev. (Hz)	Deviation (%)
100 %	3.80	- 30	2,505,999,980	2,579,999,981	-10	-8	-0.0000004
		- 20	2,505,999,981	2,579,999,980	-9	-9	-0.0000004
		- 10	2,505,999,981	2,579,999,981	-9	-8	-0.0000004
		0	2,505,999,980	2,579,999,979	-10	-11	-0.0000004
		+ 10	2,505,999,980	2,579,999,982	-10	-8	-0.0000004
		+ 20 (Ref)	2,505,999,990	2,579,999,989	0	0	0.0000000
		+ 30	2,505,999,979	2,579,999,978	-11	-12	-0.0000004
		+ 40	2,505,999,979	2,579,999,977	-10	-12	-0.0000005
		+ 50	2,505,999,979	2,579,999,980	-10	-9	-0.0000004
Battery Endpoint	3.23	+ 20	2,505,999,980	2,579,999,977	-10	-12	-0.0000005

Table 7-145. LTE Band 41 Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n30

Low Channel Frequency (Hz):	2,307,500,000
High Channel Frequency (Hz):	2,312,500,000
Ref. Voltage (VDC):	3.80

Voltage (%)	Power (VDC)	Temp (°C)	Low Freq. (Hz)	High Freq. (Hz)	Low Freq. Dev. (Hz)	High Freq. Dev. (Hz)	Deviation (%)
100 %	3.80	- 30	2,307,425,500	2,312,522,150	-57,350	14,400	-0.0024854
		- 20	2,307,467,300	2,312,521,550	-15,550	13,800	-0.0006739
		- 10	2,307,475,050	2,312,521,500	-7,800	13,750	0.0005946
		0	2,307,485,300	2,312,517,400	2,450	9,650	0.0004173
		+ 10	2,307,476,050	2,312,523,050	-6,800	15,300	0.0006616
		+ 20 (Ref)	2,307,482,850	2,312,507,750	0	0	0.0000000
		+ 30	2,307,469,750	2,312,512,950	-13,100	5,200	-0.0005677
		+ 40	2,307,480,050	2,312,534,350	-2,800	26,600	0.0011503
		+ 50	2,307,470,650	2,312,519,150	-12,200	11,400	-0.0005287
Battery Endpoint	3.23	+ 20	2,307,466,100	2,312,515,975	-16,750	8,225	-0.0007259

Table 7-146. NR Band n30 Frequency Stability Data

FCC ID: BCGA2568	 PART 27 MEASUREMENT REPORT			Approved by: Quality Manager
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Frequency Stability / Temperature Variation

NR Band n7

Low Channel Frequency (Hz):	2,510,000,000
High Channel Frequency (Hz):	2,560,000,000
Ref. Voltage (VDC):	3.80

Voltage (%)	Power (VDC)	Temp (°C)	Low Freq. (Hz)	High Freq. (Hz)	Low Freq. Dev. (Hz)	High Freq. Dev. (Hz)	Deviation (%)
100 %	3.80	- 30	2,510,140,500	2,560,000,000	126,500	30,500	0.0050398
		- 20	2,510,147,500	2,560,003,000	133,500	33,500	0.0053187
		- 10	2,510,124,500	2,559,994,000	110,500	24,500	0.0044024
		0	2,510,112,500	2,559,979,500	98,500	10,000	0.0039243
		+ 10	2,510,032,000	2,559,940,500	18,000	-29,000	-0.0011328
		+ 20 (Ref)	2,510,014,000	2,559,969,500	0	0	0.0000000
		+ 30	2,509,994,500	2,559,928,000	-19,500	-41,500	-0.0016211
		+ 40	2,510,040,000	2,559,942,500	26,000	-27,000	-0.0010547
		+ 50	2,509,986,500	2,559,926,000	-27,500	-43,500	-0.0016992
Battery Endpoint	3.23	+ 20	2,510,029,500	2,559,941,475	15,500	-28,025	-0.0010947

Table 7-147. NR Band n7 Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n41

Low Channel Frequency (Hz):	2,550,000,000
High Channel Frequency (Hz):	2,640,000,000
Ref. Voltage (VDC):	3.80

Voltage (%)	Power (VDC)	Temp (°C)	Low Freq. (Hz)	High Freq. (Hz)	Low Freq. Dev. (Hz)	High Freq. Dev. (Hz)	Deviation (%)
100 %	3.80	- 30	2,549,069,000	2,641,279,000	-518,000	681,000	0.0257896
		- 20	2,549,095,000	2,641,238,000	-492,000	640,000	0.0242369
		- 10	2,549,133,500	2,641,243,000	-453,500	645,000	0.0244263
		0	2,549,167,000	2,641,204,000	-420,000	606,000	0.0229493
		+ 10	2,549,159,500	2,641,201,000	-427,500	603,000	0.0228357
		+ 20 (Ref)	2,549,587,000	2,640,598,000	0	0	0.0000000
		+ 30	2,549,164,000	2,641,201,000	-423,000	603,000	0.0228357
		+ 40	2,549,180,500	2,641,188,500	-406,500	590,500	0.0223624
		+ 50	2,549,178,000	2,641,200,000	-409,000	602,000	0.0227979
Battery Endpoint	3.23	+ 20	2,549,181,500	2,641,157,000	-405,500	559,000	0.0211694

Table 7-148. NR Band n41 Frequency Stability Data

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8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the Apple **Tablet Device** **FCC ID: BCGA2568** complies with all the requirements of Part 27 of the FCC rules.

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