

7.5 Radiated Power (EIRP)

§27.50(a)(3), §27.50(h)(2)

Test Overview

Equivalent Isotropic Radiated Power (EIRP) measurements are calculated by adding highest antenna gain to maximum measured conducted output power. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.2.1

ANSI C63.26-2015 – Section 5.2.5.5

Test Settings

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured is:

$$\text{EIRP} = \text{PMeas} - \text{LC} + \text{GT}$$

Where:

EIRP = Equivalent Isotropic Radiated Power (expressed in the same units as PMeas, typically dBW or dBm)

PMeas = measured transmitter output power or PSD, in dBW or dBm

LC = signal attenuation in the connecting cable between the transmitter and antenna in dB

GT = gain of the transmitting antenna, in dBi (EIRP)

Test Setup

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

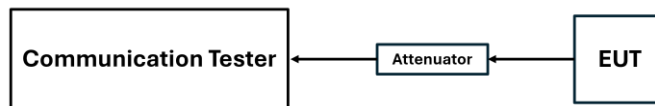


Figure 7-7. EIRP Measurement Setup

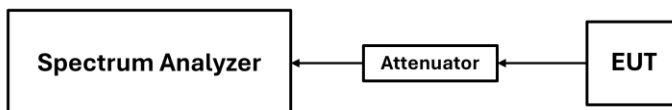


Figure 7-8. EIRP Measurement Setup

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Test Notes

1. The EUT was tested in all possible test configurations. The worst case emissions are reported with the EUT modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
2. This unit was tested with its standard battery.
3. The Level (dBm) readings in the table were taken with a correction table loaded into the base station simulator. The correction table was used to account for the signal attenuation in the connecting cable between the transmitter and antenna.
4. Uplink carrier aggregation for LTE Band 7 is only supported in this EUT while operating in Power Class 3.
5. Uplink carrier aggregation for LTE Band 41 is supported in this EUT while operating in Power Class 2 and Power Class 3.
6. For ULCA, conducted power measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. Channel bandwidth data is shown in the tables below based only on the channel bandwidths that were supported in this device.
7. 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.

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7.5.1 Antenna 4b - 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	0.20	1 / 0	22.73	22.93	0.196	23.98	-1.05
		2310.0	0.20	1 / 24	22.77	22.97	0.198	23.98	-1.01
		2312.5	0.20	1 / 24	22.80	23.00	0.200	23.98	-0.98
	16-QAM	2310.0	0.20	1 / 12	21.58	21.78	0.151	23.98	-2.20
	64-QAM	2310.0	0.20	1 / 12	20.76	20.96	0.125	23.98	-3.02
	256-QAM	2307.5	0.20	25 / 0	18.16	18.36	0.069	23.98	-5.62
10 MHz	QPSK	2310.0	0.20	1 / 0	22.69	22.89	0.195	23.98	-1.09
	16-QAM	2310.0	0.20	1 / 0	21.70	21.90	0.155	23.98	-2.08
	64-QAM	2310.0	0.20	1 / 0	20.78	20.98	0.125	23.98	-3.00
	256-QAM	2310.0	0.20	50 / 0	17.82	18.02	0.063	23.98	-5.96

Table 7-2. Antenna 4b EIRP Data (LTE Band 30)

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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	0.00	1 / 24	24.90	24.90	0.309	33.01	-8.11
		2535.0	0.00	1 / 24	24.78	24.78	0.301	33.01	-8.23
		2567.5	0.00	1 / 12	24.63	24.63	0.290	33.01	-8.38
	16-QAM	2502.5	0.00	1 / 24	23.91	23.91	0.246	33.01	-9.10
	64-QAM	2567.5	0.00	1 / 12	22.81	22.81	0.191	33.01	-10.20
	256-QAM	2567.5	0.00	25 / 0	20.04	20.04	0.101	33.01	-12.97
10 MHz	QPSK	2505.0	0.00	1 / 0	24.79	24.79	0.301	33.01	-8.22
		2535.0	0.00	1 / 49	24.73	24.73	0.297	33.01	-8.28
		2565.0	0.00	1 / 0	24.90	24.90	0.309	33.01	-8.11
	16-QAM	2505.0	0.00	1 / 0	23.83	23.83	0.242	33.01	-9.18
	64-QAM	2505.0	0.00	1 / 25	22.74	22.74	0.188	33.01	-10.27
	256-QAM	2505.0	0.00	50 / 0	19.93	19.93	0.098	33.01	-13.08
15 MHz	QPSK	2507.5	0.00	1 / 0	24.81	24.81	0.303	33.01	-8.20
		2535.0	0.00	1 / 74	24.66	24.66	0.292	33.01	-8.35
		2562.5	0.00	1 / 0	24.66	24.66	0.292	33.01	-8.35
	16-QAM	2562.5	0.00	1 / 0	23.91	23.91	0.246	33.01	-9.10
	64-QAM	2535.0	0.00	1 / 74	22.75	22.75	0.188	33.01	-10.26
	256-QAM	2535.0	0.00	75 / 0	20.00	20.00	0.100	33.01	-13.01
20 MHz	QPSK	2510.0	0.00	1 / 50	24.77	24.77	0.300	33.01	-8.24
		2535.0	0.00	1 / 0	24.82	24.82	0.303	33.01	-8.19
		2560.0	0.00	1 / 99	24.78	24.78	0.301	33.01	-8.23
	16-QAM	2560.0	0.00	1 / 50	23.90	23.90	0.245	33.01	-9.11
	64-QAM	2560.0	0.00	1 / 50	22.82	22.82	0.191	33.01	-10.19
	256-QAM	2535.0	0.00	100 / 0	20.06	20.06	0.101	33.01	-12.95

Table 7-3. Antenna 4b EIRP Data (LTE Band 7)

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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	-0.20	1 / 24	27.39	27.19	0.524	33.01	-5.82
		2593.0	-0.20	1 / 24	27.48	27.28	0.535	33.01	-5.73
		2687.5	-0.20	1 / 12	27.31	27.11	0.514	33.01	-5.90
	16-QAM	2593.0	-0.20	1 / 24	26.94	26.74	0.472	33.01	-6.27
	64-QAM	2593.0	-0.20	1 / 0	25.95	25.75	0.376	33.01	-7.26
	256-QAM	2593.0	-0.20	1 / 0	23.11	22.91	0.195	33.01	-10.10
10 MHz	QPSK	2501.0	-0.20	1 / 49	27.44	27.24	0.530	33.01	-5.77
		2593.0	-0.20	1 / 49	27.45	27.25	0.531	33.01	-5.76
		2685.0	-0.20	1 / 25	27.42	27.22	0.527	33.01	-5.79
	16-QAM	2593.0	-0.20	1 / 25	26.80	26.60	0.457	33.01	-6.41
	64-QAM	2685.0	-0.20	1 / 25	25.85	25.65	0.367	33.01	-7.36
	256-QAM	2685.0	-0.20	1 / 0	22.96	22.76	0.189	33.01	-10.25
15 MHz	QPSK	2503.5	-0.20	1 / 37	27.38	27.18	0.522	33.01	-5.83
		2593.0	-0.20	1 / 74	27.42	27.22	0.527	33.01	-5.79
		2682.5	-0.20	1 / 37	27.37	27.17	0.521	33.01	-5.84
	16-QAM	2682.5	-0.20	1 / 37	26.70	26.50	0.447	33.01	-6.51
	64-QAM	2682.5	-0.20	1 / 0	25.81	25.61	0.364	33.01	-7.40
	256-QAM	2593.0	-0.20	1 / 74	22.88	22.68	0.185	33.01	-10.33
20 MHz	QPSK	2506.0	-0.20	1 / 50	27.30	27.10	0.513	33.01	-5.91
		2593.0	-0.20	1 / 50	27.36	27.16	0.520	33.01	-5.85
		2680.0	-0.20	1 / 50	27.25	27.05	0.507	33.01	-5.96
	16-QAM	2593.0	-0.20	1 / 50	26.85	26.65	0.462	33.01	-6.36
	64-QAM	2593.0	-0.20	1 / 50	25.82	25.62	0.365	33.01	-7.39
	256-QAM	2593.0	-0.20	1 / 50	22.98	22.78	0.190	33.01	-10.23

Table 7-4. Antenna 4b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical 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	-0.20	1 / 24	25.34	25.14	0.327	33.01	-7.87
		2593.0	-0.20	1 / 0	25.23	25.03	0.318	33.01	-7.98
		2687.5	-0.20	1 / 24	25.22	25.02	0.318	33.01	-7.99
	16-QAM	2498.5	-0.20	1 / 24	24.39	24.19	0.262	33.01	-8.82
		2593.0	-0.20	1 / 24	24.39	24.19	0.262	33.01	-8.82
	64-QAM	2498.5	-0.20	1 / 12	23.31	23.11	0.205	33.01	-9.90
	256-QAM	2687.5	-0.20	25 / 0	20.68	20.48	0.112	33.01	-12.53
10 MHz	QPSK	2501.0	-0.20	1 / 49	25.36	25.16	0.328	33.01	-7.85
		2593.0	-0.20	1 / 25	25.22	25.02	0.318	33.01	-7.99
		2685.0	-0.20	1 / 49	25.29	25.09	0.323	33.01	-7.92
	16-QAM	2501.0	-0.20	1 / 49	24.35	24.15	0.260	33.01	-8.86
	64-QAM	2685.0	-0.20	1 / 0	23.23	23.03	0.201	33.01	-9.98
	256-QAM	2685.0	-0.20	50 / 0	20.79	20.59	0.115	33.01	-12.42
15 MHz	QPSK	2503.5	-0.20	1 / 74	25.21	25.01	0.317	33.01	-8.00
		2593.0	-0.20	1 / 37	25.22	25.02	0.318	33.01	-7.99
		2682.5	-0.20	1 / 37	25.25	25.05	0.320	33.01	-7.96
	16-QAM	2682.5	-0.20	1 / 0	24.20	24.00	0.251	33.01	-9.01
	64-QAM	2682.5	-0.20	1 / 0	23.23	23.03	0.201	33.01	-9.98
	256-QAM	2682.5	-0.20	75 / 0	20.72	20.52	0.113	33.01	-12.49
20 MHz	QPSK	2506.0	-0.20	1 / 50	25.20	25.00	0.316	33.01	-8.01
		2593.0	-0.20	1 / 50	25.25	25.05	0.320	33.01	-7.96
		2680.0	-0.20	1 / 50	25.33	25.13	0.326	33.01	-7.88
	16-QAM	2506.0	-0.20	1 / 50	24.36	24.16	0.261	33.01	-8.85
	64-QAM	2680.0	-0.20	1 / 99	23.37	23.17	0.207	33.01	-9.84
	256-QAM	2680.0	-0.20	100 / 0	20.72	20.52	0.113	33.01	-12.49

Table 7-5. Antenna 4b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	$\pi/2$ BPSK	2307.5	0.20	1 / 12	22.60	22.80	0.190	23.98	-1.18
		2310.0	0.20	25 / 0	22.58	22.78	0.190	23.98	-1.20
		2312.5	0.20	1 / 1	22.65	22.85	0.193	23.98	-1.13
	QPSK	2307.5	0.20	1 / 12	22.69	22.89	0.194	23.98	-1.09
		2310.0	0.20	1 / 1	22.63	22.83	0.192	23.98	-1.15
		2312.5	0.20	1 / 1	22.59	22.79	0.190	23.98	-1.19
	16-QAM	2310.0	0.20	1 / 23	21.47	21.67	0.147	23.98	-2.31
	64-QAM	2307.5	0.20	25 / 0	20.86	21.06	0.128	23.98	-2.92
10 MHz	256-QAM	2307.5	0.20	25 / 0	18.71	18.91	0.078	23.98	-5.07
	$\pi/2$ BPSK	2310.0	0.20	50 / 0	22.47	22.67	0.185	23.98	-1.31
	QPSK	2310.0	0.20	1 / 50	22.51	22.71	0.186	23.98	-1.27
	16-QAM	2310.0	0.20	1 / 1	21.30	21.50	0.141	23.98	-2.48
	64-QAM	2310.0	0.20	50 / 0	20.62	20.82	0.121	23.98	-3.16
	256-QAM	2310.0	0.20	50 / 0	18.65	18.85	0.077	23.98	-5.13

Table 7-6. Antenna 4b EIRP Data (NR Band n30)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	0.00	25 / 0	24.48	24.48	0.281	33.01	-8.53
		2535.0	0.00	25 / 0	24.52	24.52	0.283	33.01	-8.50
		2567.5	0.00	1 / 23	24.61	24.61	0.289	33.01	-8.40
	QPSK	2502.5	0.00	1 / 1	24.64	24.64	0.291	33.01	-8.37
		2535.0	0.00	1 / 1	24.61	24.61	0.289	33.01	-8.40
		2567.5	0.00	1 / 23	24.43	24.43	0.277	33.01	-8.58
	16-QAM	2567.5	0.00	1 / 12	23.51	23.51	0.224	33.01	-9.51
	64-QAM	2502.5	0.00	25 / 0	22.70	22.70	0.186	33.01	-10.31
256-QAM	2567.5	0.00	25 / 0	20.68	20.68	0.117	33.01	-12.33	
10 MHz	π/2 BPSK	2505.0	0.00	50 / 0	24.63	24.63	0.290	33.01	-8.38
		2535.0	0.00	50 / 0	24.74	24.74	0.298	33.01	-8.27
		2565.0	0.00	50 / 0	24.75	24.75	0.298	33.01	-8.26
	QPSK	2505.0	0.00	1 / 1	24.75	24.75	0.299	33.01	-8.26
		2535.0	0.00	1 / 25	24.62	24.62	0.290	33.01	-8.39
		2565.0	0.00	1 / 1	24.79	24.79	0.301	33.01	-8.22
	16-QAM	2535.0	0.00	1 / 50	23.52	23.52	0.225	33.01	-9.49
	64-QAM	2565.0	0.00	50 / 0	22.69	22.69	0.186	33.01	-10.32
256-QAM	2565.0	0.00	50 / 0	20.67	20.67	0.117	33.01	-12.34	
15 MHz	π/2 BPSK	2507.5	0.00	1 / 77	24.58	24.58	0.287	33.01	-8.43
		2535.0	0.00	75 / 0	24.68	24.68	0.294	33.01	-8.33
		2562.5	0.00	75 / 0	24.61	24.61	0.289	33.01	-8.40
	QPSK	2507.5	0.00	1 / 1	24.59	24.59	0.288	33.01	-8.42
		2535.0	0.00	1 / 1	24.64	24.64	0.291	33.01	-8.37
		2562.5	0.00	1 / 36	24.58	24.58	0.287	33.01	-8.43
	16-QAM	2562.5	0.00	1 / 1	23.66	23.66	0.232	33.01	-9.35
	64-QAM	2535.0	0.00	75 / 0	22.81	22.81	0.191	33.01	-10.20
256-QAM	2562.5	0.00	75 / 0	20.67	20.67	0.117	33.01	-12.34	
20 MHz	π/2 BPSK	2510.0	0.00	100 / 0	24.83	24.83	0.304	33.01	-8.18
		2535.0	0.00	100 / 0	24.82	24.82	0.303	33.01	-8.19
		2560.0	0.00	100 / 0	24.73	24.73	0.297	33.01	-8.28
	QPSK	2510.0	0.00	1 / 50	24.59	24.59	0.288	33.01	-8.42
		2535.0	0.00	1 / 50	24.52	24.52	0.283	33.01	-8.49
		2560.0	0.00	1 / 1	24.69	24.69	0.294	33.01	-8.32
	16-QAM	2510.0	0.00	1 / 1	23.43	23.43	0.220	33.01	-9.58
	64-QAM	2535.0	0.00	100 / 0	22.65	22.65	0.184	33.01	-10.36
256-QAM	2510.0	0.00	100 / 0	20.75	20.75	0.119	33.01	-12.26	
25 MHz	π/2 BPSK	2512.5	0.00	128 / 0	24.57	24.57	0.287	33.01	-8.44
		2535.0	0.00	128 / 0	24.62	24.62	0.289	33.01	-8.39
		2557.5	0.00	128 / 0	24.58	24.58	0.287	33.01	-8.43
	QPSK	2512.5	0.00	1 / 64	24.59	24.59	0.288	33.01	-8.42
		2535.0	0.00	1 / 131	24.63	24.63	0.291	33.01	-8.38
		2557.5	0.00	1 / 64	24.80	24.80	0.302	33.01	-8.21
	16-QAM	2512.5	0.00	1 / 64	23.52	23.52	0.225	33.01	-9.49
	64-QAM	2512.5	0.00	128 / 0	22.77	22.77	0.189	33.01	-10.24
256-QAM	2512.5	0.00	128 / 0	20.70	20.70	0.117	33.01	-12.31	
30 MHz	π/2 BPSK	2515.0	0.00	1 / 80	24.60	24.60	0.288	33.01	-8.41
		2535.0	0.00	160 / 0	24.65	24.65	0.292	33.01	-8.36
		2555.0	0.00	1 / 158	24.59	24.59	0.288	33.01	-8.42
	QPSK	2515.0	0.00	1 / 1	24.65	24.65	0.292	33.01	-8.36
		2535.0	0.00	1 / 1	24.61	24.61	0.289	33.01	-8.40
		2555.0	0.00	1 / 1	24.60	24.60	0.288	33.01	-8.41
	16-QAM	2515.0	0.00	1 / 80	23.48	23.48	0.223	33.01	-9.53
	64-QAM	2555.0	0.00	160 / 0	22.68	22.68	0.185	33.01	-10.34
256-QAM	2535.0	0.00	160 / 0	20.79	20.79	0.120	33.01	-12.22	
35 MHz	π/2 BPSK	2517.5	0.00	180 / 0	24.69	24.69	0.294	33.01	-8.32
		2535.0	0.00	180 / 0	24.82	24.82	0.303	33.01	-8.20
		2552.5	0.00	180 / 0	24.83	24.83	0.304	33.01	-8.18
	QPSK	2517.5	0.00	1 / 90	24.70	24.70	0.295	33.01	-8.31
		2535.0	0.00	1 / 90	24.65	24.65	0.292	33.01	-8.36
		2552.5	0.00	1 / 186	24.53	24.53	0.284	33.01	-8.48
	16-QAM	2517.5	0.00	1 / 90	23.55	23.55	0.227	33.01	-9.46
	64-QAM	2552.5	0.00	180 / 0	22.60	22.60	0.182	33.01	-10.41
256-QAM	2552.5	0.00	180 / 0	20.63	20.63	0.115	33.01	-12.38	
40 MHz	π/2 BPSK	2520.0	0.00	1 / 214	24.65	24.65	0.292	33.01	-8.36
		2535.0	0.00	216 / 0	24.61	24.61	0.289	33.01	-8.40
		2550.0	0.00	216 / 0	24.72	24.72	0.297	33.01	-8.29
	QPSK	2520.0	0.00	1 / 214	24.61	24.61	0.289	33.01	-8.40
		2535.0	0.00	1 / 214	24.64	24.64	0.291	33.01	-8.37
		2550.0	0.00	1 / 214	24.76	24.76	0.299	33.01	-8.25
	16-QAM	2520.0	0.00	1 / 108	23.62	23.62	0.230	33.01	-9.39
	64-QAM	2535.0	0.00	216 / 0	22.83	22.83	0.192	33.01	-10.18
256-QAM	2520.0	0.00	216 / 0	20.76	20.76	0.119	33.01	-12.25	
50 MHz	π/2 BPSK	2525.0	0.00	270 / 0	24.71	24.71	0.296	33.01	-8.30
		2535.0	0.00	270 / 0	24.67	24.67	0.293	33.01	-8.34
		2545.0	0.00	270 / 0	24.67	24.67	0.293	33.01	-8.34
	QPSK	2525.0	0.00	1 / 268	24.52	24.52	0.283	33.01	-8.49
		2535.0	0.00	1 / 135	24.69	24.69	0.294	33.01	-8.33
		2545.0	0.00	1 / 135	24.80	24.80	0.302	33.01	-8.21
	16-QAM	2525.0	0.00	1 / 135	23.38	23.38	0.218	33.01	-9.63
	64-QAM	2525.0	0.00	270 / 0	22.82	22.82	0.192	33.01	-10.19
256-QAM	2545.0	0.00	270 / 0	20.83	20.83	0.121	33.01	-12.18	

Table 7-7. Antenna 4b EIRP Data (NR Band n7)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 236 of 317

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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]
10 MHz	11/2 BPSK	2501.0	-0.20	1/122	27.44	27.24	0.530	33.01	-5.77
		2593.0	-0.20	1/112	27.54	27.34	0.542	33.01	-5.67
		2685.0	-0.20	1/112	27.48	27.28	0.535	33.01	-5.73
		2501.0	-0.20	1/112	27.17	26.97	0.498	33.01	-6.04
		2593.0	-0.20	1/112	27.44	27.24	0.530	33.01	-5.77
	QPSK	2685.0	-0.20	1/112	27.40	27.20	0.525	33.01	-5.78
		2593.0	-0.20	1/122	26.63	26.43	0.440	33.01	-6.58
		2593.0	-0.20	1/112	25.86	25.66	0.368	33.01	-7.35
		2593.0	-0.20	1/122	23.55	23.35	0.216	33.01	-9.66
		2503.5	-0.20	1/118	27.31	27.11	0.514	33.01	-5.90
15 MHz	11/2 BPSK	2593.0	-0.20	1/118	27.40	27.20	0.525	33.01	-5.81
		2682.5	-0.20	1/136	27.28	27.08	0.511	33.01	-5.93
		2503.5	-0.20	1/136	27.27	27.07	0.509	33.01	-5.94
		2593.0	-0.20	1/136	27.38	27.18	0.522	33.01	-5.83
		2682.5	-0.20	1/118	27.27	27.07	0.509	33.01	-5.94
	QPSK	2593.0	-0.20	1/118	26.85	26.65	0.462	33.01	-6.36
		2593.0	-0.20	1/118	25.30	25.10	0.324	33.01	-7.91
		2593.0	-0.20	1/118	23.16	22.96	0.198	33.01	-10.05
		2506.0	-0.20	1/149	27.26	27.06	0.508	33.01	-5.95
		2680.0	-0.20	1/125	27.29	27.09	0.512	33.01	-5.92
20 MHz	11/2 BPSK	2506.0	-0.20	1/149	27.19	26.99	0.500	33.01	-6.02
		2593.0	-0.20	1/149	27.38	27.18	0.522	33.01	-5.83
		2680.0	-0.20	1/149	27.25	27.05	0.507	33.01	-5.96
		2593.0	-0.20	1/149	26.66	26.46	0.443	33.01	-6.55
		2593.0	-0.20	1/125	25.20	25.00	0.316	33.01	-8.01
	QPSK	2593.0	-0.20	1/149	23.10	22.90	0.195	33.01	-10.11
		2508.5	-0.20	1/132	27.37	27.17	0.521	33.01	-5.84
		2593.0	-0.20	1/132	27.42	27.22	0.527	33.01	-5.79
		2677.5	-0.20	1/132	27.28	27.08	0.511	33.01	-5.93
		2508.5	-0.20	1/163	27.21	27.01	0.502	33.01	-5.90
25 MHz	11/2 BPSK	2593.0	-0.20	1/163	27.40	27.20	0.525	33.01	-5.81
		2677.5	-0.20	1/132	27.32	27.12	0.515	33.01	-5.89
		2593.0	-0.20	1/132	26.57	26.37	0.434	33.01	-6.64
		2593.0	-0.20	1/132	25.12	24.92	0.310	33.01	-8.09
		2593.0	-0.20	1/132	23.04	22.84	0.192	33.01	-10.17
	QPSK	2511.0	-0.20	1/136	27.21	27.01	0.502	33.01	-6.00
		2593.0	-0.20	1/136	27.51	27.31	0.538	33.01	-5.70
		2675.0	-0.20	1/176	27.25	27.05	0.507	33.01	-5.96
		2511.0	-0.20	1/176	27.30	27.10	0.513	33.01	-5.91
		2593.0	-0.20	1/176	27.45	27.25	0.531	33.01	-5.76
30 MHz	11/2 BPSK	2675.0	-0.20	1/176	27.36	27.16	0.520	33.01	-5.85
		2593.0	-0.20	1/176	26.72	26.52	0.449	33.01	-6.49
		2593.0	-0.20	1/136	25.21	25.01	0.317	33.01	-8.00
		2593.0	-0.20	1/176	23.16	22.96	0.198	33.01	-10.05
		2513.5	-0.20	1/190	27.32	27.12	0.515	33.01	-5.89
	QPSK	2593.0	-0.20	1/145	27.44	27.24	0.530	33.01	-5.77
		2672.5	-0.20	1/190	27.28	27.08	0.511	33.01	-5.93
		2513.5	-0.20	1/190	27.27	27.07	0.509	33.01	-5.94
		2593.0	-0.20	1/145	27.51	27.31	0.538	33.01	-5.70
		2672.5	-0.20	1/190	27.26	27.06	0.508	33.01	-5.95
35 MHz	11/2 BPSK	2593.0	-0.20	1/145	26.47	26.27	0.424	33.01	-6.74
		2513.5	-0.20	1/190	25.28	25.08	0.322	33.01	-7.93
		2593.0	-0.20	1/104	27.45	27.25	0.531	33.01	-5.76
		2516.0	-0.20	1/104	27.24	27.04	0.506	33.01	-5.97
		2593.0	-0.20	1/104	27.28	27.08	0.511	33.01	-5.93
	QPSK	2670.0	-0.20	1/104	27.22	27.02	0.504	33.01	-5.99
		2516.0	-0.20	1/104	27.20	27.00	0.501	33.01	-6.01
		2593.0	-0.20	1/104	27.49	27.29	0.536	33.01	-5.72
		2670.0	-0.20	1/104	27.24	27.04	0.506	33.01	-5.97
		2516.0	-0.20	1/104	26.54	26.34	0.431	33.01	-6.67
40 MHz	11/2 BPSK	2516.0	-0.20	1/104	25.28	25.08	0.322	33.01	-7.93
		2516.0	-0.20	1/104	23.02	22.82	0.200	33.01	-9.89
		2518.5	-0.20	1/117	27.28	27.08	0.511	33.01	-5.93
		2593.0	-0.20	1/164	27.31	27.11	0.514	33.01	-5.90
		2667.5	-0.20	1/117	27.21	27.01	0.502	33.01	-6.00
	QPSK	2518.5	-0.20	1/117	27.22	27.02	0.504	33.01	-5.99
		2593.0	-0.20	1/164	27.35	27.15	0.519	33.01	-5.86
		2667.5	-0.20	1/117	27.18	26.98	0.499	33.01	-6.03
		2518.5	-0.20	1/117	26.52	26.32	0.429	33.01	-6.69
		2518.5	-0.20	1/117	25.03	24.83	0.304	33.01	-8.18
45 MHz	11/2 BPSK	2518.5	-0.20	1/117	23.12	22.92	0.196	33.01	-10.09
		2521.0	-0.20	1/131	27.27	27.07	0.509	33.01	-5.94
		2593.0	-0.20	1/164	27.48	27.28	0.535	33.01	-5.73
		2665.0	-0.20	1/131	27.14	26.94	0.494	33.01	-6.07
		2521.0	-0.20	1/131	27.35	27.15	0.519	33.01	-5.86
	QPSK	2593.0	-0.20	1/164	27.41	27.21	0.526	33.01	-5.80
		2665.0	-0.20	1/164	27.19	26.99	0.500	33.01	-6.02
		2593.0	-0.20	1/164	26.53	26.33	0.430	33.01	-6.68
		2521.0	-0.20	1/131	25.24	25.04	0.319	33.01	-7.97
		2521.0	-0.20	1/131	22.87	22.67	0.185	33.01	-10.34
50 MHz	11/2 BPSK	2526.0	-0.20	1/160	27.29	27.09	0.512	33.01	-5.92
		2593.0	-0.20	1/161	27.36	27.16	0.520	33.01	-5.85
		2660.0	-0.20	1/160	27.32	27.12	0.515	33.01	-5.89
		2526.0	-0.20	1/160	27.23	27.03	0.505	33.01	-5.98
		2593.0	-0.20	1/161	27.32	27.12	0.515	33.01	-5.89
	QPSK	2660.0	-0.20	1/160	27.27	27.07	0.509	33.01	-5.94
		2526.0	-0.20	1/160	26.69	26.49	0.446	33.01	-6.52
		2526.0	-0.20	1/160	25.05	24.85	0.305	33.01	-8.16
		2526.0	-0.20	1/160	22.85	22.65	0.188	33.01	-10.28
		2531.0	-0.20	1/190	27.38	27.18	0.522	33.01	-5.83
60 MHz	11/2 BPSK	2593.0	-0.20	1/187	27.30	27.10	0.513	33.01	-5.91
		2655.0	-0.20	1/190	27.26	27.06	0.508	33.01	-5.95
		2531.0	-0.20	1/187	27.32	27.12	0.515	33.01	-5.89
		2593.0	-0.20	1/187	27.59	27.39	0.548	33.01	-5.62
		2655.0	-0.20	1/190	27.36	27.16	0.520	33.01	-5.85
	QPSK	2531.0	-0.20	1/187	26.57	26.37	0.434	33.01	-6.64
		2531.0	-0.20	1/187	25.19	24.99	0.316	33.01	-8.02
		2593.0	-0.20	1/215	25.26	25.06	0.321	33.01	-7.95
		2536.0	-0.20	1/108	27.20	27.00	0.501	33.01	-6.01
		2593.0	-0.20	1/115	27.37	27.17	0.521	33.01	-5.84
70 MHz	11/2 BPSK	2650.0	-0.20	1/108	27.21	27.01	0.502	33.01	-6.00
		2536.0	-0.20	1/108	27.41	27.21	0.526	33.01	-5.80
		2593.0	-0.20	1/108	27.51	27.31	0.538	33.01	-5.70
		2650.0	-0.20	1/108	27.28	27.08	0.511	33.01	-5.93
		2593.0	-0.20	1/108	26.83	26.63	0.440	33.01	-6.58
	QPSK	2593.0	-0.20	1/215	25.26	25.06	0.321	33.01	-7.95
		2536.0	-0.20	1/108	23.04	22.84	0.192	33.01	-10.17
		2541.0	-0.20	1/120	27.27	27.07	0.509	33.01	-5.94
		2593.0	-0.20	1/120	27.40	27.20	0.525	33.01	-5.81
		2645.0	-0.20	1/120	27.21	27.01	0.502	33.01	-6.00
80 MHz	11/2 BPSK	2541.0	-0.20	1/120	27.23	27.03	0.505	33.01	-5.98
		2593.0	-0.20	1/243	27.28	27.08	0.511	33.01	-5.93
		2645.0	-0.20	1/120	27.23	27.03	0.505	33.01	-5.98
		2593.0	-0.20	1/243	26.49	26.29	0.426	33.01	-6.72
		2541.0	-0.20	1/120	25.12	24.92	0.310	33.01	-8.09
	QPSK	2541.0	-0.20	1/120	23.06	22.86	0.200	33.01	-9.86
		2536.0	-0.20	1/115	27.35	27.15	0.519	33.01	-5.86
		2593.0	-0.20	1/135	27.30	27.10	0.513	33.01	-5.91
		2640.0	-0.20	1/135	27.06	26.86	0.485	33.01	-6.15
		2546.0	-0.20	1/135	27.29	27.09	0.512	33.01	-5.92
90 MHz	11/2 BPSK	2546.0	-0.20	1/135	27.36	27.16	0.526	33.01	-5.78
		2640.0	-0.20	1/135	27.16	26.96	0.487	33.01	-6.05
		2546.0	-0.20	1/135	26.86	26.66	0.443	33.01	-6.54
		2546.0	-0.20	1/135	25.07	24.87	0.307	33.01	-8.15
		2546.0	-0.20	1/135	22.86	22.66	0.187	33.01	-10.35
	QPSK	2546.0	-0.20	1/135	27.26	27.06	0.508	33.01	-5.95
		2593.0	-0.20	1/135	27.29	27.09	0.510	33.01	-5.93
		2546.0	-0.20	1/135	26.86	26.66	0.443	33.01	-6.54
		2546.0	-0.20	1/135	25.07	24.87	0.307	33.01	-8.15
		2546.0	-0.20	1/135	22.86	22.66	0.187	33.01	-10.35

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]
10 MHz	11/2 BPSK	2501.0	-0.20	1/12	25.28	25.08	0.322	33.01	-7.93
		2593.0	-0.20	1/12	25.22	25.02	0.318	33.01	-7.99
		2685.0	-0.20	1/12	25.26	25.08	0.322	33.01	-7.93
		2501.0	-0.20	1/12	25.45	25.25	0.335	33.01	-7.76
		2593.0	-0.20	1/12	25.42	25.22	0.333	33.01	-7.79
	QPSK	2685.0	-0.20	1/12	25.42	25.22	0.333	33.01	-7.79
		2501.0	-0.20	1/12	24.51	24.31	0.270	33.01	-8.70
		2593.0	-0.20	1/22	23.10	22.90	0.195	33.01	-10.11
		2685.0	-0.20	1/22	21.27	21.07	0.128	33.01	-11.94
		2503.5	-0.20	1/18	25.45	25.25	0.335	33.01	-7.76
15 MHz	11/2 BPSK	2593.0	-0.20	1/18	25.45	25.25	0.335	33.01	-7.76
		2682.5	-0.20	1/18	25.34	25.14	0.327	33.01	-7.87
		2503.5	-0.20	1/36	25.56	25.36	0.344	33.01	-7.65
		2593.0	-0.20	1/36	25.34	25.14	0.327	33.01	-7.87
		2682.5	-0.20	1/18	25.49	25.29	0.338	33.01	-7.72
	QPSK	2503.5	-0.20	1/18	24.48	24.28	0.268	33.01	-8.73
		2682.5	-0.20	1/36	23.07	22.87	0.194	33.01	-10.14
		2503.5	-0.20	1/36	21.22	21.02	0.128	33.01	-11.99
		2506.0	-0.20	1/25	25.48	25.28	0.337	33.01	-7.73
		2593.0	-0.20	1/25	25.26	25.06	0.321	33.01	-7.95
20 MHz	11/2 BPSK	2680.0	-0.20	1/49	25.45	25.25	0.335	33.01	-7.76
		2506.0	-0.20	1/49	25.61	25.41	0.348	33.01	-7.60
		2593.0	-0.20	1/25	25.46	25.26	0.336	33.01	-7.75
		2680.0	-0.20	1/49	25.44	25.24	0.334	33.01	-7.77
		2506.0	-0.20	1/49	24.51	24.31	0.270	33.01	-8.70
	QPSK	2680.0	-0.20	1/25	23.05	22.85	0.193	33.01	-10.16
		2506.0	-0.20	1/49	21.11	20.91	0.123	33.01	-12.10
		2593.0	-0.20	1/63	25.22	25.02	0.318	33.01	-7.99
		2687.5	-0.20	1/32	25.33	25.13	0.326	33.01	-7.87
		2506.0	-0.20	1/63	25.24	25.04	0.319	33.01	-7.97
25 MHz	11/2 BPSK	2506.0	-0.20	1/63	25.43	25.23	0.333	33.01	-7.78
		2593.0	-0.20	1/63	25.52	25.32	0.340	33.01	-7.69
		2687.5	-0.20	1/32	25.45	25.25	0.335	33.01	-7.76
		2506.0	-0.20	1/32	24.28	24.08	0.256	33.01	-8.93
		2593.0	-0.20	1/63	23.03	22.83	0.192	33.01	-10.18
	QPSK	2593.0	-0.20	1/63	21.10	20.90	0.123	33.01	-12.11
		2687.5	-0.20	1/32	25.43	25.23	0.333	33.01	-7.78
		2506.0	-0.20	1/32	25.43	25.23	0.333	33.01	-7.78
		2593.0	-0.20	1/32	25.43	25.23	0.333	33.01	-7.78
		2687.5	-0.20	1/32	25.43	25.23	0.333	33.01	-7.78
30 MHz	11/2 BPSK	2511.0	-0.20	1/76	25.43	25.23	0.333	33.01	-7.78
		2593.0	-0.20	1/36	25.51	25.31	0.340	33.01	-7.70
		2675.0	-0.20	1/76	25.40	25.20	0.331	33.01	-7.81
		2511.0	-0.20	1/36	25.33	25.13	0.326	33.01	-7.86
		2593.0	-0.20	1/76	25.51	25.31	0.340	33.01	-7.70
	QPSK	2675.0	-0.20	1/36	25.51	25.31	0.340	33.01	-7.70
		2511.0	-0.20	1/76	24.39	24.19	0.262	33.01	-8.82
		2593.0	-0.20	1/76	23.19	22.99	0.199	33.01	-10.02
		2687.5	-0.20	1/32	25.45	25.25	0.335	33.01	-7.76
		2506.0	-0.20	1/32	24.28	24.08	0.256	33.01	-8.93
35 MHz	11/2 BPSK	2513.5	-0.20	1/45	25.43	25.23	0.333	33.01	-7.78
		2593.0	-0.20	1/90	25.53	25.33	0.341	33.01	-7.68
		2672.5	-0.20	1/90	25.36	25.16	0.328	33.01	-7.85
		2513.5	-0.20	1/45	25.54	25.34	0.342	33.01	-7.67
		2593.0	-0.20	1/90	25.39	25.19	0.330	33.01	-7.82
	QPSK	2672.5	-0.20	1/45	25.50	25.30	0.339	33.01	-7.71
		2513.5	-0.20	1/45	24.44	24.24	0.265	33.01	-8.77
		2593.0	-0.20	1/45	23.04	22.84	0.192	33.01	-10.17
		2672.5	-0.20	1/90	21.07	20.87	0.122	33.01	-12.14
		2516.0	-0.20	1/104	25.30	25.10	0.324	33.01	-7.91
40 MHz	11/2 BPSK	2593.0	-0.20	1/104	25.34	25.14	0.342	33.01	-7.67
		2670.0	-0.20	1/50	25.32	25.12	0.325	33.01	-7.89
		2516.0	-0.20	1/50	25.49	25.29	0.338	33.01	-7.72
		2593.0	-0.20	1/104	25.49	25.29	0.338	33.01	-7.72
		2670.0	-0.20	1/104	24.63	24.43	0.277	33.01	-8.58
	QPSK	2593.0	-0.20	1/104	23.09	22.89	0.195	33.01	-10.12
		2670.0	-0.20	1/104	21.16	20.96	0.125	33.01	-12.05
		2516.5	-0.20	1/54	25.35	25.15	0.327	33.01	-7.86
		2593.0	-0.20	1/54	25.26	25.06	0.321	33.01	-7.95
		2667.5	-0.20	1/117	25.27	25.07	0.321	33.01	-7.94
45 MHz	11/2 BPSK	2518.5	-0.20	1/54	25.46	25.26	0.336	33.01	-7.75
		2593.0	-0.20	1/54	25.48	25.28	0.337	33.01	-7.73
		2667.5	-0.20	1/117	25.41	25.21	0.332	33.01	-7.80
		2518.5	-0.20	1/54	24.41	24.21	0.264	33.01	-8.80
		2593.0	-0.20	1/117	22.91	22.71	0.187	33.01	-10.30
	QPSK	2518.5	-0.20	1/54	21.15	20.95	0.124	33.01	-12.06
		2667.5	-0.20	1/64	25.31	25.11	0.324	33.01	-7.90
		2593.0	-0.20	1/64	25.50	25.30	0.339	33.01	-7.71
		2667.5	-0.20	1/64	25.51	25.31	0.340	33.01	-7.70
		2593.0	-0.20	1/64	25.35	25.15	0.327	33.01	-7.86
50 MHz	11/2 BPSK	2665.0	-0.20	1/64	25.42	25.22	0.333	33.01	-7.79
		2521.0	-0.20	1/64	24.56	24.36	0.273	33.01	-8.65
		2521.0	-0.20	1/64	23.07	22.87	0.194	33.01	-10.14
		2521.0	-0.20	1/64	21.15	20.95	0.124	33.01	-12.06
		2526.0	-0.20	1/81	25.37	25.17	0.329	33.01	-7.84
	QPSK	2593.0	-0.20	1/160	25.35	25.15	0.327	33.01	-7.86
		2660.0	-0.20	1/160	25.58	25.38	0.345	33.01	-7.63
		2526.0	-0.20	1/160	25.31	25.11	0.324	33.01	-7.90
		2593.0	-0.20	1/160	25.48	25.28	0.337	33.01	-7.73
		2660.0	-0.20	1/160	24.44	24.24	0.265	33.01	-8.77
60 MHz	11/2 BPSK	2593.0	-0.20	1/160	23.10	22.90	0.195	33.01	-10.11
		2660.0	-0.20	1/160	21.13	20.93	0.124	33.01	-12.08
		2531.0	-0.20	1/90	25.51	25.31	0.340	33.01	-7.70
		2593.0	-0.20	1/187	25.26	25.06	0.320	33.01	-7.96
		2655.0	-0.20	1/90	25.42	25.22	0.333	33.01	-7.79
	QPSK	2531.0	-0.20	1/90	25.24	25.04	0.319	33.01	-7.97
		2593.0	-0.20	1/90	25.46	25.26	0.336	33.01	-7.75
		2655.0	-0.20	1/90	25.62	25.42	0.348	33.01	-7.59
		2531.0	-0.20	1/187	24.36	24.16	0.261	33.01	-8.85
		2593.0	-0.20	1/90	23.08	22.88	0.194	33.01	-10.13
70 MHz	11/2 BPSK	2655.0	-0.20	1/187	21.18	20.98	0.125	33.01	-12.03
		2536.0	-0.20	1/215	25.36	25.16	0.329	33.01	-7.85
		2593.0	-0.20	1/215	25.53	25.33	0.341	33.01	-7.68
		2650.0	-0.20	1/215	25.37	25.17	0.329	33.01	-7.84
		2536.0	-0.20	1/108	25.42	25.22	0.333	33.01	-7.79
	QPSK	2593.0	-0.20	1/215	25.52	25.32	0.340	33.01	-7.69
		2650.0	-0.20	1/215	25.51	25.31	0.340	33.01	-7.70
		2593.0	-0.20	1/215	24.43	24.23	0.285	33.01	-8.78
		2650.0	-0.20	1/215	21.22	21.02	0.126	33.01	-11.99
		2541.0	-0.20	1/120	25.21	25.01	0.317	33.01	-8.00
80 MHz	11/2 BPSK	2593.0	-0.20	1/243	25.22	25.02	0.318	33.01	-7.99
		2645.0	-0.20	1/120	25.51	25.31	0.340	33.01	-7.70
		2541.0	-0.20	1/243	25.21	25.01	0.317	33.01	-8.00
		2593.0	-0.20	1/120	25.42	25.22	0.333	33.01	-7.79
		2645.0	-0.20	1/243	25.46	25.26	0.346	33.01	-7.58
	QPSK	2593.0	-0.20	1/243	24.35	24.15	0.260	33.01	-8.86
		2593.0	-0.20	1/243	23.05	22.85	0.193	33.01	-10.16
		2645.0	-0.20	1/120	21.21	21.01	0.126	33.01	-12.00
		2541.0	-0.20	1/135	25.30	25.10	0.327	33.01	-7.81
		2593.0	-0.20	1/135	25.49	25.29	0.338	33.01	-7.72
90 MHz	11/2 BPSK	2640.0	-0.20	1/135	25.57	25.37	0.344	33.01	-7.64
		2546.0	-0.20	1/135	25.12	24.92	0.310	33.01	-8.09
		2593.0	-0.20	1/135	25.23	25.03	0.313	33.01	-7.98
		2640.0	-0.20	1/135	25.55	25.35	0.343	33.01	-7.66
		2593.0	-0.20	1/135	24.22	24.02	0.252	33.01	-8.99
	QPSK	2546.0	-0.20	1/121	22.89	22.69	0.186	33.01	-10.32
		2593.0	-0.20	1/121	22.98	22.78	0.189	33.01	-10.22
		2640.0	-0.20	1/121	25.16	24.96	0.312	33.01	-8.04
		2593.0	-0.20	1/121	25.16	24.96	0.312	33.01	-8.04
		2640.0	-0.20	1/121	25.16	24.96	0.312	33.01	-8.04

ULCA LTE 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	25.03	0.00	25.03	0.318	33.01	-7.98		
				21100	2535.0	1	99		21298	2554.8	1	0	24.97	0.00	24.97	0.314	33.01	-8.04		
				21350	2560.0	1	0		21152	2540.2	1	99	24.97	0.00	24.97	0.314	33.01	-8.04		
			QPSK	20850	2510	100	0	QPSK	21048	2529.8	100	0	24.24	0.00	24.24	0.265	33.01	-8.77		
				16-QAM	20850	2510	100		0	16-QAM	21048	2529.8	100	0	23.31	0.00	23.31	0.214	33.01	-9.70
				64-QAM	20850	2510	100		0	64-QAM	21048	2529.8	100	0	22.30	0.00	22.30	0.170	33.01	-10.71
			256-QAM	20850	2510	100	0	256-QAM	21048	2529.8	100	0	20.17	0.00	20.17	0.104	33.01	-12.84		

Table 7-10. Antenna 4b EIRP Data (ULCA LTE Band 7)

ULCA LTE 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	26.80	-0.20	26.60	0.457	33.01	-6.41
				40620	2593.0	1	99		40818	2612.8	1	0	27.58	-0.20	27.38	0.547	33.01	-5.63
				41490	2680.0	1	0		41292	2660.2	1	99	26.62	-0.20	26.42	0.439	33.01	-6.59
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	26.79	-0.20	26.59	0.456	33.01	-6.42
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	25.69	-0.20	25.49	0.354	33.01	-7.52
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	24.90	-0.20	24.70	0.295	33.01	-8.31
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	21.73	-0.20	21.53	0.142	33.01	-11.48

Table 7-11. Antenna 4b EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE 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	24.29	-0.20	24.09	0.256	33.01	-8.92
			40620	2593.0	1	99	40818	2612.8	1	0	25.38	-0.20	25.18	0.330	33.01	-7.83		
			41490	2680.0	1	0	41292	2660.2	1	99	24.39	-0.20	24.19	0.262	33.01	-8.82		
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.60	-0.20	24.40	0.275	33.01	-8.61
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.62	-0.20	23.42	0.220	33.01	-9.59
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.68	-0.20	22.48	0.177	33.01	-10.53
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.48	-0.20	19.28	0.085	33.01	-13.73

Table 7-12. Antenna 4b EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 239 of 317

7.5.2 Antenna 1 - 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	-0.20	1 / 12	23.30	23.10	0.204	23.98	-0.88
		2310.0	-0.20	1 / 0	23.12	22.92	0.196	23.98	-1.06
		2312.5	-0.20	1 / 0	23.17	22.97	0.198	23.98	-1.01
	16-QAM	2312.5	-0.20	1 / 0	22.29	22.09	0.162	23.98	-1.89
	64-QAM	2310.0	-0.20	1 / 24	21.33	21.13	0.130	23.98	-2.85
	256-QAM	2307.5	-0.20	25 / 0	18.48	18.28	0.067	23.98	-5.70
10 MHz	QPSK	2310.0	-0.20	1 / 25	23.19	22.99	0.199	23.98	-0.99
	16-QAM	2310.0	-0.20	1 / 25	22.27	22.07	0.161	23.98	-1.91
	64-QAM	2310.0	-0.20	1 / 25	21.22	21.02	0.126	23.98	-2.96
	256-QAM	2310.0	-0.20	50 / 0	18.05	17.85	0.061	23.98	-6.13

Table 7-13. Antenna 1 EIRP Data (LTE Band 30)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 240 of 317

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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	0.50	1 / 24	23.72	24.22	0.264	33.01	-8.79
		2535.0	0.50	1 / 24	23.66	24.16	0.261	33.01	-8.85
		2567.5	0.50	1 / 12	23.80	24.30	0.269	33.01	-8.71
	16-QAM	2535.0	0.50	1 / 24	22.88	23.38	0.218	33.01	-9.63
	64-QAM	2502.5	0.50	1 / 0	21.87	22.37	0.173	33.01	-10.64
	256-QAM	2502.5	0.50	25 / 0	19.27	19.77	0.095	33.01	-13.24
10 MHz	QPSK	2505.0	0.50	1 / 25	23.80	24.30	0.269	33.01	-8.71
		2535.0	0.50	1 / 49	23.67	24.17	0.261	33.01	-8.84
		2565.0	0.50	1 / 0	23.70	24.20	0.263	33.01	-8.81
	16-QAM	2505.0	0.50	1 / 25	22.74	23.24	0.211	33.01	-9.77
	64-QAM	2565.0	0.50	1 / 0	21.62	22.12	0.163	33.01	-10.89
	256-QAM	2565.0	0.50	50 / 0	19.16	19.66	0.092	33.01	-13.35
15 MHz	QPSK	2507.5	0.50	1 / 0	23.71	24.21	0.264	33.01	-8.80
		2535.0	0.50	1 / 0	23.80	24.30	0.269	33.01	-8.71
		2562.5	0.50	1 / 74	23.67	24.17	0.261	33.01	-8.84
	16-QAM	2562.5	0.50	1 / 0	22.78	23.28	0.213	33.01	-9.73
	64-QAM	2507.5	0.50	1 / 37	21.72	22.22	0.167	33.01	-10.79
	256-QAM	2535.0	0.50	75 / 0	19.32	19.82	0.096	33.01	-13.19
20 MHz	QPSK	2510.0	0.50	1 / 0	23.74	24.24	0.265	33.01	-8.77
		2535.0	0.50	1 / 0	23.80	24.30	0.269	33.01	-8.71
		2560.0	0.50	1 / 99	23.64	24.14	0.259	33.01	-8.87
	16-QAM	2560.0	0.50	1 / 99	22.71	23.21	0.209	33.01	-9.80
	64-QAM	2510.0	0.50	1 / 50	21.73	22.23	0.167	33.01	-10.78
	256-QAM	2510.0	0.50	100 / 0	19.18	19.68	0.093	33.01	-13.33

Table 7-14. Antenna 1 EIRP Data (LTE Band 7)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 241 of 317

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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	1.30	1 / 12	28.22	29.52	0.895	33.01	-3.49
		2593.0	1.30	1 / 24	28.44	29.74	0.942	33.01	-3.27
		2687.5	1.30	1 / 24	28.23	29.53	0.897	33.01	-3.48
	16-QAM	2593.0	1.30	1 / 24	27.88	29.18	0.828	33.01	-3.83
	64-QAM	2593.0	1.30	1 / 0	26.88	28.18	0.658	33.01	-4.83
	256-QAM	2593.0	1.30	1 / 12	23.86	25.16	0.328	33.01	-7.85
10 MHz	QPSK	2501.0	1.30	1 / 25	28.26	29.56	0.904	33.01	-3.45
		2593.0	1.30	1 / 25	28.45	29.75	0.944	33.01	-3.26
		2685.0	1.30	1 / 49	28.24	29.54	0.899	33.01	-3.47
	16-QAM	2593.0	1.30	1 / 49	27.82	29.12	0.817	33.01	-3.89
	64-QAM	2593.0	1.30	1 / 0	26.82	28.12	0.649	33.01	-4.89
	256-QAM	2593.0	1.30	1 / 25	23.99	25.29	0.338	33.01	-7.72
15 MHz	QPSK	2503.5	1.30	1 / 37	28.31	29.61	0.914	33.01	-3.40
		2593.0	1.30	1 / 74	28.39	29.69	0.931	33.01	-3.32
		2682.5	1.30	1 / 74	28.35	29.65	0.923	33.01	-3.36
	16-QAM	2593.0	1.30	1 / 37	27.66	28.96	0.787	33.01	-4.05
	64-QAM	2593.0	1.30	1 / 0	26.70	28.00	0.631	33.01	-5.01
	256-QAM	2593.0	1.30	75 / 0	23.84	25.14	0.327	33.01	-7.87
20 MHz	QPSK	2506.0	1.30	1 / 50	28.21	29.51	0.893	33.01	-3.50
		2593.0	1.30	1 / 50	28.27	29.57	0.906	33.01	-3.44
		2680.0	1.30	1 / 50	28.24	29.54	0.899	33.01	-3.47
	16-QAM	2593.0	1.30	1 / 50	27.84	29.14	0.820	33.01	-3.87
	64-QAM	2593.0	1.30	1 / 50	26.96	28.26	0.670	33.01	-4.75
	256-QAM	2593.0	1.30	100 / 0	23.85	25.15	0.327	33.01	-7.86

Table 7-15. Antenna 1 EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 242 of 317

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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	1.30	1 / 12	25.51	26.81	0.480	33.01	-6.20
		2593.0	1.30	1 / 24	25.34	26.64	0.461	33.01	-6.37
		2687.5	1.30	1 / 24	25.27	26.57	0.454	33.01	-6.44
	16-QAM	2498.5	1.30	1 / 24	24.44	25.74	0.375	33.01	-7.27
	64-QAM	2498.5	1.30	1 / 24	23.38	24.68	0.294	33.01	-8.33
	256-QAM	2498.5	1.30	25 / 0	20.72	22.02	0.159	33.01	-10.99
10 MHz	QPSK	2501.0	1.30	1 / 25	25.47	26.77	0.475	33.01	-6.24
		2593.0	1.30	1 / 0	25.26	26.56	0.453	33.01	-6.45
		2685.0	1.30	1 / 25	25.25	26.55	0.452	33.01	-6.46
	16-QAM	2501.0	1.30	1 / 25	24.27	25.57	0.361	33.01	-7.44
	64-QAM	2685.0	1.30	1 / 49	23.38	24.68	0.294	33.01	-8.33
	256-QAM	2593.0	1.30	50 / 0	20.70	22.00	0.158	33.01	-11.01
15 MHz	QPSK	2503.5	1.30	1 / 37	25.26	26.56	0.453	33.01	-6.45
		2593.0	1.30	1 / 37	25.21	26.51	0.448	33.01	-6.50
		2682.5	1.30	1 / 37	25.22	26.52	0.449	33.01	-6.49
	16-QAM	2503.5	1.30	1 / 74	24.20	25.50	0.355	33.01	-7.51
	64-QAM	2503.5	1.30	1 / 74	23.33	24.63	0.290	33.01	-8.38
	256-QAM	2593.0	1.30	75 / 0	20.68	21.98	0.158	33.01	-11.03
20 MHz	QPSK	2506.0	1.30	1 / 50	25.34	26.64	0.461	33.01	-6.37
		2593.0	1.30	1 / 50	25.27	26.57	0.454	33.01	-6.44
		2680.0	1.30	1 / 50	25.28	26.58	0.455	33.01	-6.43
	16-QAM	2506.0	1.30	1 / 50	24.47	25.77	0.378	33.01	-7.24
	64-QAM	2506.0	1.30	1 / 50	23.38	24.68	0.294	33.01	-8.33
	256-QAM	2593.0	1.30	100 / 0	20.70	22.00	0.158	33.01	-11.01

Table 7-16. Antenna 1 EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 243 of 317

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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	$\pi/2$ BPSK	2307.5	-0.20	1 / 1	23.05	22.85	0.193	23.98	-1.13
		2310.0	-0.20	25 / 0	23.20	23.00	0.200	23.98	-0.98
		2312.5	-0.20	1 / 1	23.16	22.96	0.198	23.98	-1.02
	QPSK	2307.5	-0.20	1 / 1	23.17	22.97	0.198	23.98	-1.01
		2310.0	-0.20	1 / 12	23.12	22.92	0.196	23.98	-1.06
		2312.5	-0.20	1 / 12	23.13	22.93	0.196	23.98	-1.05
	16-QAM	2312.5	-0.20	1 / 1	22.08	21.88	0.154	23.98	-2.10
	64-QAM	2307.5	-0.20	25 / 0	21.26	21.06	0.128	23.98	-2.92
	256-QAM	2307.5	-0.20	25 / 0	19.22	19.02	0.080	23.98	-4.96
10 MHz	$\pi/2$ BPSK	2310.0	-0.20	50 / 0	23.17	22.97	0.198	23.98	-1.01
	QPSK	2310.0	-0.20	1 / 50	23.16	22.96	0.198	23.98	-1.02
	16-QAM	2310.0	-0.20	1 / 25	21.85	21.65	0.146	23.98	-2.33
	64-QAM	2310.0	-0.20	50 / 0	20.99	20.79	0.120	23.98	-3.19
	256-QAM	2310.0	-0.20	50 / 0	19.19	18.99	0.079	23.98	-4.99

Table 7-17. Antenna 1 EIRP Data (NR Band n30)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 244 of 317

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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	0.50	25 / 0	23.36	23.86	0.243	33.01	-9.15
		2535.0	0.50	25 / 0	23.42	23.92	0.247	33.01	-9.09
		2567.5	0.50	25 / 0	23.40	23.90	0.245	33.01	-9.11
	QPSK	2502.5	0.50	1 / 12	23.22	23.72	0.236	33.01	-9.29
		2535.0	0.50	1 / 23	23.43	23.93	0.247	33.01	-9.08
		2567.5	0.50	1 / 23	23.43	23.93	0.247	33.01	-9.08
	16-QAM	2567.5	0.50	1 / 1	22.30	22.80	0.191	33.01	-10.21
	64-QAM	2567.5	0.50	25 / 0	21.50	22.00	0.158	33.01	-11.01
	256-QAM	2535.0	0.50	25 / 0	19.56	20.06	0.101	33.01	-12.95
10 MHz	π/2 BPSK	2505.0	0.50	50 / 0	23.55	24.05	0.254	33.01	-8.96
		2535.0	0.50	50 / 0	23.66	24.16	0.261	33.01	-8.85
		2565.0	0.50	50 / 0	23.73	24.23	0.265	33.01	-8.78
	QPSK	2505.0	0.50	1 / 50	23.41	23.91	0.246	33.01	-9.10
		2535.0	0.50	1 / 50	23.50	24.00	0.251	33.01	-9.01
		2565.0	0.50	1 / 1	23.42	23.92	0.246	33.01	-9.09
	16-QAM	2565.0	0.50	1 / 1	22.35	22.85	0.193	33.01	-10.16
	64-QAM	2565.0	0.50	50 / 0	21.47	21.97	0.158	33.01	-11.04
	256-QAM	2535.0	0.50	50 / 0	19.47	19.97	0.099	33.01	-13.04
15 MHz	π/2 BPSK	2507.5	0.50	1 / 77	23.60	24.10	0.257	33.01	-8.91
		2535.0	0.50	75 / 0	23.58	24.08	0.256	33.01	-8.93
		2562.5	0.50	1 / 77	23.54	24.04	0.254	33.01	-8.97
	QPSK	2507.5	0.50	1 / 77	23.67	24.17	0.261	33.01	-8.84
		2535.0	0.50	1 / 77	23.66	24.16	0.260	33.01	-8.85
		2562.5	0.50	1 / 77	23.55	24.05	0.254	33.01	-8.96
	16-QAM	2507.5	0.50	1 / 77	22.50	23.00	0.200	33.01	-10.01
	64-QAM	2562.5	0.50	75 / 0	21.71	22.21	0.167	33.01	-10.80
	256-QAM	2507.5	0.50	75 / 0	19.70	20.20	0.105	33.01	-12.81
20 MHz	π/2 BPSK	2510.0	0.50	100 / 0	23.70	24.20	0.263	33.01	-8.81
		2535.0	0.50	100 / 0	23.70	24.20	0.263	33.01	-8.81
		2560.0	0.50	100 / 0	23.64	24.14	0.259	33.01	-8.87
	QPSK	2510.0	0.50	1 / 104	23.61	24.11	0.258	33.01	-8.90
		2535.0	0.50	1 / 104	23.57	24.07	0.255	33.01	-8.94
		2560.0	0.50	1 / 50	23.56	24.06	0.255	33.01	-8.95
	16-QAM	2510.0	0.50	1 / 104	22.42	22.92	0.196	33.01	-10.10
	64-QAM	2510.0	0.50	100 / 0	21.63	22.13	0.163	33.01	-10.88
	256-QAM	2560.0	0.50	100 / 0	19.67	20.17	0.104	33.01	-12.84
25 MHz	π/2 BPSK	2512.5	0.50	128 / 0	23.68	24.18	0.262	33.01	-8.83
		2535.0	0.50	128 / 0	23.62	24.12	0.258	33.01	-8.89
		2567.5	0.50	128 / 0	23.67	24.17	0.261	33.01	-8.84
	QPSK	2512.5	0.50	1 / 64	23.72	24.22	0.264	33.01	-8.80
		2535.0	0.50	1 / 64	23.72	24.22	0.264	33.01	-8.79
		2567.5	0.50	1 / 64	23.62	24.12	0.258	33.01	-8.89
	16-QAM	2535.0	0.50	1 / 64	22.54	23.04	0.201	33.01	-9.97
	64-QAM	2567.5	0.50	128 / 0	21.78	22.28	0.169	33.01	-10.73
	256-QAM	2567.5	0.50	128 / 0	19.68	20.18	0.104	33.01	-12.83
30 MHz	π/2 BPSK	2515.0	0.50	1 / 158	23.61	24.11	0.258	33.01	-8.90
		2535.0	0.50	160 / 0	23.63	24.13	0.259	33.01	-8.88
		2555.0	0.50	160 / 0	23.61	24.11	0.258	33.01	-8.90
	QPSK	2515.0	0.50	1 / 158	23.67	24.17	0.261	33.01	-8.84
		2535.0	0.50	1 / 1	23.62	24.12	0.258	33.01	-8.89
		2555.0	0.50	1 / 158	23.64	24.14	0.259	33.01	-8.87
	16-QAM	2535.0	0.50	1 / 80	22.62	23.12	0.205	33.01	-9.89
	64-QAM	2535.0	0.50	160 / 0	21.76	22.26	0.168	33.01	-10.75
	256-QAM	2515.0	0.50	160 / 0	19.76	20.26	0.106	33.01	-12.75
35 MHz	π/2 BPSK	2517.5	0.50	180 / 0	23.66	24.16	0.261	33.01	-8.85
		2535.0	0.50	180 / 0	23.67	24.17	0.261	33.01	-8.84
		2552.5	0.50	180 / 0	23.64	24.14	0.259	33.01	-8.87
	QPSK	2517.5	0.50	1 / 90	23.63	24.13	0.259	33.01	-8.88
		2535.0	0.50	1 / 1	23.51	24.01	0.252	33.01	-9.00
		2552.5	0.50	1 / 186	23.67	24.17	0.261	33.01	-8.84
	16-QAM	2535.0	0.50	1 / 90	22.46	22.96	0.198	33.01	-10.05
	64-QAM	2535.0	0.50	180 / 0	21.56	22.06	0.161	33.01	-10.95
	256-QAM	2517.5	0.50	180 / 0	19.57	20.07	0.102	33.01	-12.94
40 MHz	π/2 BPSK	2520.0	0.50	1 / 214	23.63	24.13	0.259	33.01	-8.88
		2535.0	0.50	216 / 0	23.57	24.07	0.255	33.01	-8.94
		2550.0	0.50	216 / 0	23.53	24.03	0.253	33.01	-8.98
	QPSK	2520.0	0.50	1 / 214	23.66	24.16	0.261	33.01	-8.85
		2535.0	0.50	1 / 1	23.63	24.13	0.259	33.01	-8.88
		2550.0	0.50	1 / 108	23.62	24.12	0.258	33.01	-8.90
	16-QAM	2550.0	0.50	1 / 108	22.42	22.92	0.196	33.01	-10.09
	64-QAM	2520.0	0.50	216 / 0	21.72	22.22	0.167	33.01	-10.79
	256-QAM	2535.0	0.50	216 / 0	19.74	20.24	0.106	33.01	-12.77
50 MHz	π/2 BPSK	2525.0	0.50	270 / 0	23.59	24.09	0.257	33.01	-8.92
		2535.0	0.50	270 / 0	23.59	24.09	0.256	33.01	-8.92
		2545.0	0.50	270 / 0	23.50	24.00	0.251	33.01	-9.01
	QPSK	2525.0	0.50	1 / 135	23.53	24.03	0.253	33.01	-8.98
		2535.0	0.50	1 / 135	23.72	24.22	0.264	33.01	-8.79
		2545.0	0.50	1 / 135	23.47	23.97	0.249	33.01	-9.04
	16-QAM	2525.0	0.50	1 / 135	22.43	22.93	0.196	33.01	-10.08
	64-QAM	2525.0	0.50	270 / 0	21.70	22.20	0.166	33.01	-10.82
	256-QAM	2525.0	0.50	270 / 0	19.78	20.28	0.107	33.01	-12.73

Table 7-18. Antenna 1 EIRP Data (NR Band n7)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 245 of 317

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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]	
10 MHz	11/2 BPSK	2501.0	1.30	1/22	28.28	29.58	0.908	33.01	-3.43	
		2593.0	1.30	1/22	28.37	29.67	0.927	33.01	-3.34	
		2685.0	1.30	1/12	28.20	29.50	0.891	33.01	-3.51	
		2501.0	1.30	1/22	28.28	29.58	0.908	33.01	-3.43	
		2593.0	1.30	1/12	28.38	29.66	0.925	33.01	-3.35	
	QPSK	2685.0	1.30	1/22	28.24	29.54	0.899	33.01	-3.47	
		16-QAM	2593.0	1.30	1/22	27.17	28.47	0.793	33.01	-4.54
		64-QAM	2593.0	1.30	1/22	25.93	27.23	0.528	33.01	-5.78
		256-QAM	2593.0	1.30	1/12	23.97	25.27	0.337	33.01	-7.74
		2503.5	1.30	1/18	28.20	29.50	0.910	33.01	-3.42	
15 MHz	11/2 BPSK	2593.0	1.30	1/18	28.29	29.59	0.910	33.01	-3.42	
		2682.5	1.30	1/36	28.17	29.47	0.885	33.01	-3.54	
		2503.5	1.30	1/36	28.27	29.57	0.906	33.01	-3.44	
		2593.0	1.30	1/36	28.44	29.74	0.942	33.01	-3.27	
		2682.5	1.30	1/36	28.19	29.49	0.889	33.01	-3.52	
	QPSK	2682.5	1.30	1/36	27.52	28.82	0.782	33.01	-4.19	
		16-QAM	2593.0	1.30	1/36	25.85	27.15	0.519	33.01	-5.86
		64-QAM	2593.0	1.30	1/36	23.84	25.14	0.327	33.01	-7.87
		256-QAM	2593.0	1.30	1/49	28.16	29.46	0.883	33.01	-3.55
		2593.0	1.30	1/25	28.34	29.64	0.920	33.01	-3.37	
20 MHz	11/2 BPSK	2680.0	1.30	1/49	28.30	29.60	0.912	33.01	-3.41	
		2506.0	1.30	1/49	28.17	29.47	0.885	33.01	-3.54	
		2593.0	1.30	1/49	28.31	29.61	0.914	33.01	-3.40	
		2680.0	1.30	1/49	28.24	29.54	0.899	33.01	-3.47	
		2593.0	1.30	1/49	27.34	28.64	0.731	33.01	-4.37	
	QPSK	16-QAM	2593.0	1.30	1/49	25.87	27.17	0.521	33.01	-5.84
		64-QAM	2593.0	1.30	1/49	24.05	25.35	0.343	33.01	-7.66
		256-QAM	2506.5	1.30	1/63	28.21	29.51	0.893	33.01	-3.50
		2593.0	1.30	1/32	28.36	29.66	0.925	33.01	-3.35	
		2677.5	1.30	1/63	28.23	29.53	0.897	33.01	-3.48	
25 MHz	11/2 BPSK	2506.5	1.30	1/63	28.20	29.50	0.891	33.01	-3.51	
		2593.0	1.30	1/63	28.27	29.57	0.906	33.01	-3.44	
		2677.5	1.30	1/32	28.23	29.53	0.897	33.01	-3.48	
		16-QAM	2593.0	1.30	1/32	27.06	28.36	0.685	33.01	-4.65
		2593.0	1.30	1/32	25.91	27.21	0.528	33.01	-5.80	
	QPSK	2593.0	1.30	1/32	23.94	25.24	0.334	33.01	-7.77	
		2511.0	1.30	1/76	28.14	29.44	0.879	33.01	-3.57	
		2593.0	1.30	1/76	28.36	29.66	0.925	33.01	-3.35	
		2675.0	1.30	1/36	28.34	29.64	0.920	33.01	-3.37	
		2511.0	1.30	1/76	28.09	29.39	0.869	33.01	-3.62	
30 MHz	11/2 BPSK	2593.0	1.30	1/76	28.35	29.65	0.923	33.01	-3.36	
		2675.0	1.30	1/76	28.28	29.58	0.908	33.01	-3.43	
		16-QAM	2593.0	1.30	1/76	27.36	28.66	0.738	33.01	-4.33
		64-QAM	2675.0	1.30	1/76	25.93	27.23	0.528	33.01	-5.78
		256-QAM	2675.0	1.30	1/76	24.16	25.46	0.352	33.01	-7.55
	QPSK	2513.5	1.30	1/90	28.17	29.47	0.885	33.01	-3.54	
		2593.0	1.30	1/90	28.34	29.64	0.920	33.01	-3.37	
		2672.5	1.30	1/90	28.24	29.54	0.899	33.01	-3.47	
		2513.5	1.30	1/90	28.38	29.68	0.925	33.01	-3.35	
		2593.0	1.30	1/45	28.39	29.69	0.931	33.01	-3.32	
35 MHz	11/2 BPSK	2672.5	1.30	1/90	28.09	29.39	0.869	33.01	-3.62	
		2593.0	1.30	1/90	27.30	28.60	0.724	33.01	-4.41	
		16-QAM	2593.0	1.30	1/45	25.83	27.13	0.518	33.01	-5.88
		64-QAM	2593.0	1.30	1/90	24.04	25.34	0.342	33.01	-7.67
		256-QAM	2516.0	1.30	1/104	28.23	29.53	0.897	33.01	-3.49
	QPSK	2593.0	1.30	1/50	28.39	29.69	0.931	33.01	-3.32	
		2670.0	1.30	1/104	28.37	29.67	0.927	33.01	-3.34	
		16-QAM	2516.0	1.30	1/104	28.17	29.47	0.885	33.01	-3.54
		64-QAM	2593.0	1.30	1/104	28.51	29.81	0.957	33.01	-3.20
		256-QAM	2670.0	1.30	1/104	28.28	29.58	0.908	33.01	-3.43
40 MHz	11/2 BPSK	2593.0	1.30	1/104	27.40	28.70	0.741	33.01	-4.31	
		2516.0	1.30	1/104	25.91	27.21	0.528	33.01	-5.80	
		2593.0	1.30	1/50	24.10	25.40	0.347	33.01	-7.61	
		2518.5	1.30	1/117	28.15	29.45	0.881	33.01	-3.56	
		2593.0	1.30	1/54	28.31	29.61	0.914	33.01	-3.40	
	QPSK	2667.5	1.30	1/117	28.23	29.53	0.897	33.01	-3.48	
		2518.5	1.30	1/117	28.16	29.46	0.883	33.01	-3.55	
		2593.0	1.30	1/54	28.39	29.69	0.931	33.01	-3.32	
		16-QAM	2667.5	1.30	1/117	28.23	29.53	0.897	33.01	-3.48
		64-QAM	2593.0	1.30	1/117	27.15	28.45	0.700	33.01	-4.56
45 MHz	11/2 BPSK	2593.0	1.30	1/117	25.82	27.12	0.515	33.01	-5.89	
		2593.0	1.30	1/117	24.00	25.30	0.339	33.01	-7.71	
		2521.0	1.30	1/131	28.22	29.52	0.895	33.01	-3.49	
		2593.0	1.30	1/64	28.27	29.57	0.906	33.01	-3.44	
		2685.0	1.30	1/64	28.26	29.56	0.904	33.01	-3.45	
	QPSK	2521.0	1.30	1/131	28.22	29.52	0.895	33.01	-3.49	
		2593.0	1.30	1/64	28.30	29.60	0.912	33.01	-3.41	
		16-QAM	2685.0	1.30	1/131	28.19	29.49	0.889	33.01	-3.52
		64-QAM	2593.0	1.30	1/64	27.53	28.83	0.784	33.01	-4.18
		256-QAM	2593.0	1.30	1/64	25.79	27.09	0.512	33.01	-5.92
50 MHz	11/2 BPSK	2521.0	1.30	1/131	28.22	29.52	0.895	33.01	-3.49	
		2593.0	1.30	1/64	28.27	29.57	0.906	33.01	-3.44	
		2685.0	1.30	1/64	28.26	29.56	0.904	33.01	-3.45	
		2521.0	1.30	1/131	28.22	29.52	0.895	33.01	-3.49	
		2593.0	1.30	1/64	28.30	29.60	0.912	33.01	-3.41	
	QPSK	2685.0	1.30	1/131	28.19	29.49	0.889	33.01	-3.52	
		16-QAM	2593.0	1.30	1/64	27.53	28.83	0.784	33.01	-4.18
		64-QAM	2593.0	1.30	1/64	25.79	27.09	0.512	33.01	-5.92
		256-QAM	2593.0	1.30	1/131	23.90	25.20	0.331	33.01	-7.81
		2526.0	1.30	1/81	28.29	29.59	0.910	33.01	-3.42	
60 MHz	11/2 BPSK	2593.0	1.30	1/160	28.38	29.68	0.929	33.01	-3.33	
		2660.0	1.30	1/81	28.21	29.51	0.893	33.01	-3.50	
		2526.0	1.30	1/81	28.26	29.56	0.904	33.01	-3.45	
		2593.0	1.30	1/160	28.35	29.65	0.923	33.01	-3.36	
		16-QAM	2660.0	1.30	1/160	28.21	29.51	0.893	33.01	-3.50
	QPSK	2593.0	1.30	1/160	27.05	28.35	0.684	33.01	-4.66	
		2526.0	1.30	1/81	25.80	27.10	0.513	33.01	-5.91	
		2593.0	1.30	1/81	24.14	25.44	0.386	33.01	-7.57	
		16-QAM	2526.0	1.30	1/187	28.25	29.55	0.902	33.01	-3.46
		2655.0	1.30	1/90	28.20	29.50	0.891	33.01	-3.51	
70 MHz	11/2 BPSK	2531.0	1.30	1/187	28.25	29.55	0.912	33.01	-3.41	
		2593.0	1.30	1/187	28.30	29.60	0.921	33.01	-3.37	
		2655.0	1.30	1/90	28.20	29.50	0.891	33.01	-3.51	
		16-QAM	2593.0	1.30	1/187	27.11	28.41	0.693	33.01	-4.60
		64-QAM	2593.0	1.30	1/90	25.79	27.09	0.512	33.01	-5.92
	QPSK	256-QAM	2531.0	1.30	1/90	24.02	25.32	0.340	33.01	-7.69
		2536.0	1.30	1/108	28.25	29.55	0.902	33.01	-3.46	
		2593.0	1.30	1/108	28.36	29.66	0.925	33.01	-3.35	
		2650.0	1.30	1/108	28.14	29.44	0.879	33.01	-3.57	
		2536.0	1.30	1/108	28.10	29.40	0.871	33.01	-3.61	
80 MHz	11/2 BPSK	2593.0	1.30	1/215	28.41	29.71	0.935	33.01	-3.30	
		2650.0	1.30	1/108	28.22	29.52	0.895	33.01	-3.49	
		16-QAM	2593.0	1.30	1/108	27.20	28.50	0.708	33.01	-4.51
		64-QAM	2650.0	1.30	1/108	25.93	27.23	0.528	33.01	-5.78
		256-QAM	2593.0	1.30	1/215	24.03	25.33	0.341	33.01	-7.68
	QPSK	2541.0	1.30	1/243	28.15	29.45	0.881	33.01	-3.56	
		2593.0	1.30	1/243	28.37	29.67	0.927	33.01	-3.34	
		2645.0	1.30	1/120	28.33	29.63	0.918	33.01	-3.38	
		2541.0	1.30	1/120	28.20	29.50	0.891	33.01	-3.51	
		2593.0	1.30	1/120	28.48	29.78	0.951	33.01	-3.23	
90 MHz	11/2 BPSK	2645.0	1.30	1/120	28.24	29.54	0.899	33.01	-3.47	
		16-QAM	2593.0	1.30	1/120	27.16	28.46	0.701	33.01	-4.55
		64-QAM	2593.0	1.30	1/243	25.93	27.23	0.528	33.01	-5.78
		256-QAM	2593.0	1.30	1/243	23.98	25.28	0.337	33.01	-7.73
		2503.5	1.30	1/135	28.19	29.49	0.890	33.01	-3.49	
	QPSK	2593.0	1.30	1/135	28.34	29.64	0.920	33.01	-3.37	
		2640.0	1.30	1/135	28.30	29.60	0.912	33.01	-3.41	
		16-QAM	2546.0	1.30	1/135	28.21	29.51	0.893	33.01	-3.50
		64-QAM	2593.0	1.30	1/135	28.42	29.72	0.932	33.01	-3.29
		2640.0	1.30	1/135	28.26	29.56	0.904	33.01	-3.45	
100 MHz	QPSK	16-QAM	2640.0	1.30	1/135	27.18	28.48	0.705	33.01	-4.53
		64-QAM	2593.0	1.30	1/135	25.78	27.08	0.511	33.01	-5.93
		256-QAM	2593.0	1.30	1/135	24.00	25.30	0.339	33.01	-7.71
		2593.0	1.30	1/135	28.25	29.55	0.902	33.01	-3.46	

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]
10 MHz	11/2 BPSK	2501.0	1.30	1/12	25.24	26.54	0.451	33.01	-6.47
		2593.0	1.30	1/12	25.50	26.80	0.479	33.01	-6.21
		2685.0	1.30	1/12	25.43	26.73	0.471	33.01	-6.26
		2501.0	1.30	1/12	25.31	26.61	0.458	33.01	-6.40
		2593.0	1.30	1/12	25.62	26.92	0.492	33.01	-6.09
	16-QAM	2685.0	1.30	1/12	25.67	26.97	0.498	33.01	-6.04
		2593.0	1.30	1/12	24.34	25.64	0.366	33.01	-7.37
		2593.0	1.30	1/22	23.21	24.51	0.282	33.01	-8.50
		2685.0	1.30	1/22	21.29	22.59	0.182	33.01	-10.42
		2503.5	1.30	1/18	25.44	26.74	0.472	33.01	-6.27
15 MHz	11/2 BPSK	2593.0	1.30	1/36	25.37	26.67	0.465	33.01	-6.34
		2682.5	1.30	1/36	25.25	26.55	0.464	33.01	-6.16
		2503.5	1.30	1/36	25.59	26.89	0.489	33.01	-6.12
		2593.0	1.30	1/18	25.36	26.66	0.463	33.01	-6.35
		2682.5	1.30	1/36	25.54	26.84	0.483	33.01	-6.17
	16-QAM	2682.5	1.30	1/36	24.62	25.92	0.391	33.01	-7.09
		2682.5	1.30	1/18	23.05	24.35	0.272	33.01	-8.66
		2593.0	1.30	1/36	21.32	22.62	0.183	33.01	-10.39
		2506.0	1.30	1/25	25.36	26.66	0.463	33.01	-6.35
		2593.0	1.30	1/25	25.35	26.65	0.462	33.01	-6.36
20 MHz	11/2 BPSK	2680.0	1.30	1/25	25.39	26.69	0.467	33.01	-6.32
		2506.0	1.30	1/25	25.43	26.73	0.471	33.01	-6.28
		2593.0	1.30	1/49	25.62	26.92	0.492	33.01	-6.09
		2680.0	1.30	1/49	25.60	26.90	0.490	33.01	-6.11
		2506.0	1.30	1/49	24.65	25.95	0.394	33.01	-7.06
	16-QAM	2680.0	1.30	1/25	23.11	24.41	0.276	33.01	-8.60
		2593.0	1.30	1/49	21.21	22.51	0.178	33.01	-10.50
		2508.5	1.30	1/32	25.45	26.75	0.473	33.01	-6.26
		2593.0	1.30	1/63	25.37	26.67	0.465	33.01	-6.34
		2677.5	1.30	1/63	25.43	26.73	0.471	33.01	-6.28
25 MHz	11/2 BPSK	2508.5	1.30	1/63	25.60	26.90	0.490	33.01	-6.11
		2593.0	1.30	1/63	25.51	26.81	0.480	33.01	-6.20
		2677.5	1.30	1/63	25.60	26.90	0.490	33.01	-6.11
		2677.5	1.30	1/63	24.36	25.66	0.368	33.01	-7.35
		2508.5	1.30	1/63	23.05	24.35	0.272	33.01	-8.66
	16-QAM	2508.5	1.30	1/32	21.19	22.49	0.177	33.01	-10.52
		2511.0	1.30	1/76	25.32	26.62	0.459	33.01	-6.39
		2593.0	1.30	1/76	25.38	26.68	0.466	33.01	-6.33
		2675.0	1.30	1/36	25.53	26.83	0.482	33.01	-6.18
		2511.0	1.30	1/76	25.61	26.91	0.491	33.01	-6.10
30 MHz	11/2 BPSK	2593.0	1.30	1/76	25.67	26.97	0.498	33.01	-6.04
		2675.0	1.30	1/76	25.62	26.92	0.492	33.01	-6.09
		2511.0	1.30	1/76	24.48	25.78	0.378	33.01	-7.23
		2675.0	1.30	1/76	23.28	24.58	0.287	33.01	-8.43
		2593.0	1.30	1/36	21.27	22.57	0.181	33.01	-10.44
	16-QAM	2513.5	1.30	1/90	25.39	26.69	0.467	33.01	-6.32
		2680.0	1.30	1/90	25.46	26.76	0.474	33.01	-6.25
		2672.5	1.30	1/45	25.40	26.70	0.468	33.01	-6.31
		2513.5	1.30	1/90	25.58	26.88	0.488	33.01	-6.13
		2593.0	1.30	1/45	25.58	26.88	0.488	33.01	-6.13
35 MHz	11/2 BPSK	2672.5	1.30	1/90	25.57	26.87	0.486	33.01	-6.14
		2593.0	1.30	1/45	24.42	25.72	0.373	33.01	-7.29
		2593.0	1.30	1/90	22.99	24.29	0.269	33.01	-8.72
		2672.5	1.30	1/90	21.14	22.44	0.175	33.01	-10.55
		2515.0	1.30	1/104	25.51	26.81	0.480	33.01	-6.20
	16-QAM	2593.0	1.30	1/104	25.46	26.76	0.474	33.01	-6.25
		2670.0	1.30	1/104	25.44	26.74	0.472	33.01	-6.27
		2515.0	1.30	1/50	25.66	26.96	0.497	33.01	-6.06
		2593.0	1.30	1/50	25.41	26.71	0.469	33.01	-6.30
		2670.0	1.30	1/104	25.56	26.86	0.485	33.01	-6.15
40 MHz	11/2 BPSK	2670.0	1.30	1/104	24.51	25.81	0.381	33.01	-7.20
		2515.0	1.30	1/50	22.99	24.29	0.269	33.01	-8.72
		2593.0	1.30	1/104	21.22	22.52	0.179	33.01	-10.49
		2518.5	1.30	1/117	25.49	26.79	0.478	33.01	-6.22
		2593.0	1.30	1/117	25.51	26.81	0.480	33.01	-6.20
	16-QAM	2667.5	1.30	1/117	25.51	26.81	0.480	33.01	-6.20
		2518.5	1.30	1/54	25.56	26.86	0.485	33.01	-6.15
		2593.0	1.30	1/54	25.43	26.73	0.471	33.01	-6.28
		2667.5	1.30	1/117	25.56	26.86	0.485	33.01	-6.15
		2518.5	1.30	1/54	24.45	25.75	0.376	33.01	-7.26
45 MHz	11/2 BPSK	2518.5	1.30	1/54	23.06	24.36	0.273	33.01	-8.65
		2667.5	1.30	1/117	21.27	22.57	0.181	33.01	-10.46
		2521.0	1.30	1/64	25.47	26.77	0.475	33.01	-6.24
		2593.0	1.30	1/64	25.37	26.67	0.465	33.01	-6.34
		2665.0	1.30	1/64	25.39	26.69	0.467	33.01	-6.32
	16-QAM	2521.0	1.30	1/64	25.42	26.72	0.470	33.01	-6.29
		2593.0	1.30	1/64	25.50	26.80	0.479	33.01	-6.21
		2665.0	1.30	1/111	25.32	26.62	0.459	33.01	-6.36
		2521.0	1.30	1/64	24.39	25.69	0.371	33.01	-7.32
		2521.0	1.30	1/131	23.08	24.38	0.274	33.01	-8.63
50 MHz	11/2 BPSK	2521.0	1.30	1/64	21.27	22.57	0.181	33.01	-10.44
		2526.0	1.30	1/81	25.33	26.63	0.460	33.01	-6.33
		2593.0	1.30	1/160	25.51	26.81	0.480	33.01	-6.20
		2660.0	1.30	1/160	25.58	26.88	0.488	33.01	-6.13
		2526.0	1.30	1/160	25.39	26.69	0.467	33.01	-6.32
	16-QAM	2593.0	1.30	1/160	25.61	26.91	0.491	33.01	-6.10
		2660.0	1.30	1/160	25.43	26.73	0.471	33.01	-6.28
		2660.0	1.30	1/160	24.45	25.75	0.376	33.01	-7.26
		2526.0	1.30	1/81	23.04	24.34	0.272	33.01	-8.67
		2526.0	1.30	1/81	21.08	22.38	0.173	33.01	-10.63
60 MHz	11/2 BPSK	2531.0	1.30	1/90	25.40	26.70	0.468	33.01	-6.31
		2593.0	1.30	1/90	25.50	26.80	0.479	33.01	-6.21
		2655.0	1.30	1/90	25.46	26.76	0.474	33.01	-6.25
		2531.0	1.30	1/90	25.38	26.68	0.466	33.01	-6.33
		2593.0	1.30	1/90	25.82	26.92	0.492	33.01	-6.09
	16-QAM	2655.0	1.30	1/187	25.51	26.81	0.480	33.01	-6.20
		2531.0	1.30	1/187	24.31	25.61	0.384	33.01	-7.40
		2531.0	1.30	1/90	23.13	24.43	0.277	33.01	-8.58
		2593.0	1.30	1/187	21.25	22.55	0.180	33.01	-10.46
		2536.0	1.30	1/108	25.26	26.56	0.453	33.01	-6.45
80 MHz	11/2 BPSK	2593.0	1.30	1/108	25.41	26.71	0.469	33.01	-6.30
		2650.0	1.30	1/108	25.41	26.71	0.469	33.01	-6.30
		2536.0	1.30	1/108	25.28	26.58	0.455	33.01	-6.43
		2593.0	1.30	1/108	25.58	26.88	0.488	33.01	-6.13
		2650.0	1.30	1/108	25.49	26.79	0.478	33.01	-6.22
	16-QAM	2593.0	1.30	1/215	24.41	25.71	0.372	33.01	-7.30
		2650.0	1.30	1/215	23.19	24.49	0.281	33.01	-8.52
		2593.0	1.30	1/215	21.26	22.56	0.180	33.01	-10.45
		2541.0	1.30	1/243	25.34	26.64	0.461	33.01	-6.37
		2593.0	1.30	1/120	25.30	26.60	0.457	33.01	-6.41
90 MHz	11/2 BPSK	2645.0	1.30	1/120	25.59	26.89	0.489	33.01	-6.12
		2541.0	1.30	1/243	25.29	26.59	0.456	33.01	-6.42
		2593.0	1.30	1/120	25.37	26.67	0.465	33.01	-6.34
		2645.0	1.30	1/243	25.70	27.00	0.501	33.01	-6.01
		2645.0	1.30	1/243	24.51	25.81	0.381	33.01	-7.20
	16-QAM	2593.0	1.30	1/243	23.08	24.38	0.274	33.01	-8.63

ULCA LTE 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	23.69	0.50	24.19	-8.82
				21100	2535.0	1	99		21298	2554.8	1	0	23.90	0.50	24.40	-8.61
				21350	2560.0	1	0		21152	2540.2	1	99	23.81	0.50	24.31	-8.70
			QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	23.32	0.50	23.82	-9.19
			16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	22.39	0.50	22.89	-10.12
			64-QAM	21100	2535	100	0	64-QAM	21298	2554.8	100	0	21.25	0.50	21.75	-11.26
			256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	19.27	0.50	19.77	-13.24

Table 7-21. Antenna 1 EIRP Data (ULCA LTE Band 7)

ULCA LTE 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	27.12	1.30	28.42	-4.59
				40620	2593.0	1	99		40818	2612.8	1	0	28.00	1.30	29.30	-3.71
				41490	2680.0	1	0		41292	2660.2	1	99	27.14	1.30	28.44	-4.57
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	27.31	1.30	28.61	-4.40
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	26.21	1.30	27.51	-5.50
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	25.28	1.30	26.58	-6.43
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	22.24	1.30	23.54	-9.47

Table 7-22. Antenna 1 EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE 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	24.47	1.30	25.77	-7.24
				40620	2593.0	1	99		40818	2612.8	1	0	25.22	1.30	26.52	-6.49
				41490	2680.0	1	0		41292	2660.2	1	99	24.33	1.30	25.63	-7.38
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.29	1.30	25.59	-7.42
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.24	1.30	24.54	-8.47
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.26	1.30	23.56	-9.45
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.21	1.30	20.51	-12.50

Table 7-23. Antenna 1 EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.5.3 Antenna 3 - 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	0.50	1 / 0	22.37	22.87	0.194	23.98	-1.11
		2310.0	0.50	1 / 12	22.48	22.98	0.199	23.98	-1.00
		2312.5	0.50	1 / 0	22.50	23.00	0.200	23.98	-0.98
	16-QAM	2307.5	0.50	1 / 12	21.49	21.99	0.158	23.98	-1.99
	64-QAM	2310.0	0.50	1 / 24	20.57	21.07	0.128	23.98	-2.91
	256-QAM	2310.0	0.50	25 / 0	18.12	18.62	0.073	23.98	-5.36
10 MHz	QPSK	2310.0	0.50	1 / 25	22.32	22.82	0.191	23.98	-1.16
	16-QAM	2310.0	0.50	1 / 0	21.55	22.05	0.160	23.98	-1.93
	64-QAM	2310.0	0.50	1 / 0	20.40	20.90	0.123	23.98	-3.08
	256-QAM	2310.0	0.50	50 / 0	17.98	18.48	0.070	23.98	-5.50

Table 7-24. Antenna 3 EIRP Data (LTE Band 30)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	1.40	1 / 12	24.79	26.19	0.416	33.01	-6.82
		2535.0	1.40	1 / 0	24.55	25.95	0.394	33.01	-7.06
		2567.5	1.40	1 / 12	24.80	26.20	0.417	33.01	-6.81
	16-QAM	2567.5	1.40	1 / 0	23.77	25.17	0.329	33.01	-7.84
	64-QAM	2535.0	1.40	1 / 12	22.79	24.19	0.262	33.01	-8.82
	256-QAM	2502.5	1.40	25 / 0	20.14	21.54	0.143	33.01	-11.47
10 MHz	QPSK	2505.0	1.40	1 / 0	24.54	25.94	0.393	33.01	-7.07
		2535.0	1.40	1 / 25	24.56	25.96	0.394	33.01	-7.05
		2565.0	1.40	1 / 0	24.58	25.98	0.396	33.01	-7.03
	16-QAM	2505.0	1.40	1 / 25	23.78	25.18	0.330	33.01	-7.83
	64-QAM	2505.0	1.40	1 / 49	22.80	24.20	0.263	33.01	-8.81
	256-QAM	2535.0	1.40	50 / 0	19.94	21.34	0.136	33.01	-11.67
15 MHz	QPSK	2507.5	1.40	1 / 37	24.62	26.02	0.400	33.01	-6.99
		2535.0	1.40	1 / 0	24.45	25.85	0.385	33.01	-7.16
		2562.5	1.40	1 / 0	24.70	26.10	0.407	33.01	-6.91
	16-QAM	2507.5	1.40	1 / 74	23.78	25.18	0.330	33.01	-7.83
	64-QAM	2562.5	1.40	1 / 74	22.74	24.14	0.259	33.01	-8.87
	256-QAM	2535.0	1.40	75 / 0	20.04	21.44	0.139	33.01	-11.57
20 MHz	QPSK	2510.0	1.40	1 / 0	24.70	26.10	0.407	33.01	-6.91
		2535.0	1.40	1 / 99	24.68	26.08	0.406	33.01	-6.93
		2560.0	1.40	1 / 0	24.77	26.17	0.414	33.01	-6.84
	16-QAM	2560.0	1.40	1 / 99	23.74	25.14	0.327	33.01	-7.87
	64-QAM	2510.0	1.40	1 / 0	22.80	24.20	0.263	33.01	-8.81
	256-QAM	2510.0	1.40	100 / 0	20.05	21.45	0.140	33.01	-11.56

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical 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	1.30	1 / 24	27.58	28.88	0.773	33.01	-4.13
		2593.0	1.30	1 / 0	28.06	29.36	0.863	33.01	-3.65
		2687.5	1.30	1 / 0	27.62	28.92	0.780	33.01	-4.09
	16-QAM	2593.0	1.30	1 / 12	27.55	28.85	0.767	33.01	-4.16
	64-QAM	2593.0	1.30	1 / 0	26.49	27.79	0.601	33.01	-5.22
	256-QAM	2593.0	1.30	25 / 0	23.49	24.79	0.301	33.01	-8.22
10 MHz	QPSK	2501.0	1.30	1 / 25	27.77	29.07	0.807	33.01	-3.94
		2593.0	1.30	1 / 0	28.04	29.34	0.859	33.01	-3.67
		2685.0	1.30	1 / 49	27.68	28.98	0.791	33.01	-4.03
	16-QAM	2593.0	1.30	1 / 25	27.39	28.69	0.740	33.01	-4.32
	64-QAM	2593.0	1.30	1 / 0	26.47	27.77	0.598	33.01	-5.24
	256-QAM	2593.0	1.30	1 / 0	23.67	24.97	0.314	33.01	-8.04
15 MHz	QPSK	2503.5	1.30	1 / 37	27.70	29.00	0.794	33.01	-4.01
		2593.0	1.30	1 / 37	28.06	29.36	0.863	33.01	-3.65
		2682.5	1.30	1 / 37	27.73	29.03	0.800	33.01	-3.98
	16-QAM	2593.0	1.30	1 / 37	27.10	28.40	0.692	33.01	-4.61
	64-QAM	2593.0	1.30	1 / 0	26.19	27.49	0.561	33.01	-5.52
	256-QAM	2593.0	1.30	75 / 0	23.43	24.73	0.297	33.01	-8.28
20 MHz	QPSK	2506.0	1.30	1 / 50	27.74	29.04	0.802	33.01	-3.97
		2593.0	1.30	1 / 50	27.98	29.28	0.847	33.01	-3.73
		2680.0	1.30	1 / 50	27.71	29.01	0.796	33.01	-4.00
	16-QAM	2593.0	1.30	1 / 50	27.38	28.68	0.738	33.01	-4.33
	64-QAM	2593.0	1.30	1 / 50	26.42	27.72	0.592	33.01	-5.29
	256-QAM	2593.0	1.30	100 / 0	23.55	24.85	0.305	33.01	-8.16

Table 7-26. Antenna 3 EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical 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	1.30	1 / 24	25.46	26.76	0.474	33.01	-6.25
		2593.0	1.30	1 / 0	25.36	26.66	0.463	33.01	-6.35
		2687.5	1.30	1 / 0	25.26	26.56	0.453	33.01	-6.45
	16-QAM	2498.5	1.30	1 / 24	24.53	25.83	0.383	33.01	-7.18
	64-QAM	2498.5	1.30	1 / 24	23.42	24.72	0.296	33.01	-8.29
	256-QAM	2498.5	1.30	25 / 0	20.82	22.12	0.163	33.01	-10.89
10 MHz	QPSK	2501.0	1.30	1 / 49	25.47	26.77	0.475	33.01	-6.24
		2593.0	1.30	1 / 0	25.42	26.72	0.470	33.01	-6.29
		2685.0	1.30	1 / 25	25.29	26.59	0.456	33.01	-6.42
	16-QAM	2593.0	1.30	1 / 0	24.31	25.61	0.364	33.01	-7.40
	64-QAM	2501.0	1.30	1 / 49	23.30	24.60	0.288	33.01	-8.41
	256-QAM	2685.0	1.30	50 / 0	20.80	22.10	0.162	33.01	-10.91
15 MHz	QPSK	2503.5	1.30	1 / 37	25.28	26.58	0.455	33.01	-6.43
		2593.0	1.30	1 / 37	25.22	26.52	0.449	33.01	-6.49
		2682.5	1.30	1 / 37	25.28	26.58	0.455	33.01	-6.43
	16-QAM	2682.5	1.30	1 / 37	24.18	25.48	0.353	33.01	-7.53
	64-QAM	2503.5	1.30	1 / 74	23.21	24.51	0.282	33.01	-8.50
	256-QAM	2682.5	1.30	75 / 0	20.74	22.04	0.160	33.01	-10.97
20 MHz	QPSK	2506.0	1.30	1 / 50	25.28	26.58	0.455	33.01	-6.43
		2593.0	1.30	1 / 50	25.24	26.54	0.451	33.01	-6.47
		2680.0	1.30	1 / 50	25.27	26.57	0.454	33.01	-6.44
	16-QAM	2506.0	1.30	1 / 50	24.48	25.78	0.378	33.01	-7.23
	64-QAM	2680.0	1.30	1 / 50	23.30	24.60	0.288	33.01	-8.41
	256-QAM	2680.0	1.30	100 / 0	20.73	22.03	0.160	33.01	-10.98

Table 7-27. Antenna 3 EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	$\pi/2$ BPSK	2307.5	0.50	25 / 0	22.34	22.84	0.192	23.98	-1.14
		2310.0	0.50	25 / 0	22.33	22.83	0.192	23.98	-1.15
		2312.5	0.50	1 / 1	22.39	22.89	0.195	23.98	-1.09
	QPSK	2307.5	0.50	1 / 1	22.43	22.93	0.196	23.98	-1.05
		2310.0	0.50	1 / 12	22.42	22.92	0.196	23.98	-1.06
		2312.5	0.50	1 / 12	22.33	22.83	0.192	23.98	-1.15
	16-QAM	2312.5	0.50	1 / 1	21.32	21.82	0.152	23.98	-2.16
	64-QAM	2307.5	0.50	25 / 0	20.49	20.99	0.126	23.98	-2.99
	256-QAM	2310.0	0.50	25 / 0	18.51	19.01	0.080	23.98	-4.97
10 MHz	$\pi/2$ BPSK	2310.0	0.50	50 / 0	22.32	22.82	0.191	23.98	-1.16
	QPSK	2310.0	0.50	1 / 50	22.21	22.71	0.187	23.98	-1.27
	16-QAM	2310.0	0.50	1 / 25	21.17	21.67	0.147	23.98	-2.31
	64-QAM	2310.0	0.50	50 / 0	20.43	20.93	0.124	23.98	-3.05
	256-QAM	2310.0	0.50	50 / 0	18.42	18.92	0.078	23.98	-5.06

Table 7-28. Antenna 3 EIRP Data (NR Band n30)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	1.40	25 / 0	24.63	26.03	0.401	33.01	-6.98
		2535.0	1.40	1 / 23	24.55	25.95	0.394	33.01	-7.06
		2567.5	1.40	1 / 12	24.57	25.97	0.396	33.01	-7.04
	QPSK	2502.5	1.40	1 / 12	24.66	26.06	0.403	33.01	-6.95
		2535.0	1.40	1 / 12	24.56	25.96	0.395	33.01	-7.05
		2567.5	1.40	1 / 23	24.62	26.02	0.400	33.01	-6.99
	16-QAM	2535.0	1.40	1 / 1	23.54	24.94	0.312	33.01	-8.07
		2535.0	1.40	25 / 0	22.74	24.14	0.260	33.01	-8.87
10 MHz	π/2 BPSK	2502.5	1.40	25 / 0	20.65	22.05	0.160	33.01	-10.96
		2505.0	1.40	1 / 1	24.64	26.04	0.401	33.01	-6.97
		2535.0	1.40	50 / 0	24.72	26.12	0.409	33.01	-6.89
	QPSK	2565.0	1.40	50 / 0	24.73	26.13	0.410	33.01	-6.88
		2505.0	1.40	1 / 1	24.65	26.05	0.402	33.01	-6.96
		2535.0	1.40	1 / 1	24.68	26.08	0.406	33.01	-6.93
	16-QAM	2565.0	1.40	1 / 50	24.66	26.06	0.403	33.01	-6.95
		2505.0	1.40	1 / 50	23.49	24.89	0.308	33.01	-8.12
15 MHz	π/2 BPSK	2535.0	1.40	50 / 0	22.66	24.06	0.255	33.01	-8.95
		2505.0	1.40	50 / 0	20.68	22.08	0.162	33.01	-10.93
		2567.5	1.40	1 / 77	24.58	25.98	0.396	33.01	-7.03
	QPSK	2535.0	1.40	75 / 0	24.69	26.09	0.406	33.01	-6.92
		2562.5	1.40	75 / 0	24.58	25.98	0.396	33.01	-7.03
		2507.5	1.40	1 / 77	24.71	26.11	0.408	33.01	-6.90
	16-QAM	2535.0	1.40	1 / 77	24.68	26.08	0.405	33.01	-6.93
		2562.5	1.40	1 / 1	24.63	26.03	0.401	33.01	-6.98
20 MHz	π/2 BPSK	2562.5	1.40	1 / 1	24.63	26.03	0.401	33.01	-6.98
		2562.5	1.40	1 / 77	23.55	24.95	0.313	33.01	-8.06
		2535.0	1.40	75 / 0	22.70	24.10	0.257	33.01	-8.91
	QPSK	2535.0	1.40	75 / 0	20.64	22.04	0.160	33.01	-10.97
		2510.0	1.40	100 / 0	24.64	26.04	0.402	33.01	-6.97
		2535.0	1.40	100 / 0	24.68	26.08	0.405	33.01	-6.93
	16-QAM	2560.0	1.40	100 / 0	24.65	26.05	0.403	33.01	-6.96
		2510.0	1.40	1 / 104	24.65	26.05	0.402	33.01	-6.96
25 MHz	π/2 BPSK	2535.0	1.40	1 / 1	24.67	26.07	0.405	33.01	-6.94
		2560.0	1.40	1 / 104	24.61	26.01	0.399	33.01	-7.00
		2510.0	1.40	1 / 104	23.46	24.86	0.306	33.01	-8.15
	QPSK	2535.0	1.40	100 / 0	22.73	24.13	0.259	33.01	-8.88
		2560.0	1.40	100 / 0	20.72	22.12	0.163	33.01	-10.89
		2512.5	1.40	128 / 0	24.59	25.99	0.397	33.01	-7.02
	16-QAM	2535.0	1.40	128 / 0	24.63	26.03	0.400	33.01	-6.98
		2567.5	1.40	128 / 0	24.55	25.95	0.393	33.01	-7.06
30 MHz	π/2 BPSK	2512.5	1.40	1 / 64	24.48	25.88	0.388	33.01	-7.13
		2535.0	1.40	1 / 64	24.54	25.94	0.393	33.01	-7.07
		2557.5	1.40	1 / 64	24.50	25.90	0.389	33.01	-7.11
	QPSK	2535.0	1.40	1 / 64	23.37	24.77	0.300	33.01	-8.24
		2512.5	1.40	128 / 0	22.61	24.01	0.252	33.01	-9.00
		2535.0	1.40	128 / 0	20.68	22.08	0.162	33.01	-10.93
	16-QAM	2515.0	1.40	1 / 80	24.59	25.99	0.398	33.01	-7.02
		2535.0	1.40	1 / 1	24.65	26.05	0.403	33.01	-6.96
35 MHz	π/2 BPSK	2555.0	1.40	160 / 0	24.57	25.97	0.395	33.01	-7.04
		2515.0	1.40	1 / 1	24.65	26.05	0.403	33.01	-6.96
		2535.0	1.40	1 / 158	24.69	26.09	0.406	33.01	-6.92
	QPSK	2555.0	1.40	1 / 158	24.65	26.05	0.403	33.01	-6.96
		2535.0	1.40	1 / 1	23.58	24.98	0.315	33.01	-8.03
		2535.0	1.40	160 / 0	22.69	24.09	0.257	33.01	-8.92
	16-QAM	2515.0	1.40	160 / 0	20.65	22.05	0.160	33.01	-10.96
		2517.5	1.40	180 / 0	24.49	25.89	0.388	33.01	-7.12
40 MHz	π/2 BPSK	2535.0	1.40	180 / 0	24.56	25.96	0.394	33.01	-7.05
		2552.5	1.40	1 / 1	24.42	25.82	0.382	33.01	-7.19
		2517.5	1.40	1 / 90	24.57	25.97	0.395	33.01	-7.04
	QPSK	2535.0	1.40	1 / 90	24.52	25.92	0.391	33.01	-7.09
		2552.5	1.40	1 / 90	24.47	25.87	0.387	33.01	-7.14
		2517.5	1.40	1 / 186	23.46	24.86	0.306	33.01	-8.15
	16-QAM	2535.0	1.40	180 / 0	22.59	23.99	0.251	33.01	-9.02
		2517.5	1.40	180 / 0	20.66	22.06	0.161	33.01	-10.95
50 MHz	π/2 BPSK	2520.0	1.40	216 / 0	24.50	25.90	0.389	33.01	-7.11
		2535.0	1.40	216 / 0	24.55	25.95	0.394	33.01	-7.06
		2550.0	1.40	216 / 0	24.49	25.89	0.388	33.01	-7.13
	QPSK	2520.0	1.40	1 / 108	24.51	25.91	0.390	33.01	-7.10
		2535.0	1.40	1 / 1	24.47	25.87	0.387	33.01	-7.14
		2550.0	1.40	1 / 108	24.72	26.12	0.409	33.01	-6.89
	16-QAM	2520.0	1.40	1 / 108	23.49	24.89	0.308	33.01	-8.12
		2520.0	1.40	216 / 0	22.60	24.00	0.251	33.01	-9.01
50 MHz	π/2 BPSK	2535.0	1.40	216 / 0	20.68	22.08	0.161	33.01	-10.93
		2525.0	1.40	270 / 0	24.60	26.00	0.398	33.01	-7.01
		2535.0	1.40	270 / 0	24.61	26.01	0.399	33.01	-7.00
	QPSK	2545.0	1.40	270 / 0	24.52	25.92	0.391	33.01	-7.09
		2525.0	1.40	1 / 1	24.42	25.82	0.382	33.01	-7.19
		2535.0	1.40	1 / 135	24.44	25.84	0.384	33.01	-7.17
	16-QAM	2545.0	1.40	1 / 1	24.52	25.92	0.391	33.01	-7.09
		2525.0	1.40	1 / 135	23.25	24.65	0.291	33.01	-8.36
50 MHz	64-QAM	2545.0	1.40	270 / 0	22.56	23.96	0.249	33.01	-9.05
		2545.0	1.40	270 / 0	20.60	22.00	0.159	33.01	-11.01

Table 7-29. Antenna 3 EIRP Data (NR Band n7)

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device		Page 254 of 317

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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]
10 MHz	n/2 BPSK	2501.0	1.30	1/12	27.50	28.80	0.759	33.01	-4.21
		2593.0	1.30	1/22	27.69	28.99	0.793	33.01	-4.02
		2685.0	1.30	1/22	27.40	28.70	0.741	33.01	-4.31
		2501.0	1.30	1/12	27.65	28.95	0.785	33.01	-4.06
		2593.0	1.30	1/12	27.67	28.97	0.807	33.01	-3.94
		2685.0	1.30	1/22	27.67	28.97	0.789	33.01	-4.04
	16-QAM	2593.0	1.30	1/12	26.57	27.87	0.612	33.01	-5.14
		2593.0	1.30	1/12	25.16	26.46	0.443	33.01	-6.55
		2593.0	1.30	1/22	23.56	24.86	0.306	33.01	-8.15
		2503.5	1.30	1/18	27.87	29.97	0.799	33.01	-4.04
		2593.0	1.30	1/18	27.85	29.15	0.822	33.01	-3.86
		2682.5	1.30	1/36	27.60	28.90	0.776	33.01	-4.11
n/2 BPSK	2503.5	1.30	1/18	27.65	28.95	0.785	33.01	-4.06	
	2593.0	1.30	1/36	27.94	29.24	0.839	33.01	-3.77	
	2682.5	1.30	1/18	27.58	28.88	0.773	33.01	-4.13	
	2593.0	1.30	1/36	26.75	28.05	0.638	33.01	-4.96	
	2593.0	1.30	1/36	25.34	26.64	0.461	33.01	-6.37	
	2593.0	1.30	1/18	23.45	24.75	0.299	33.01	-8.26	
15 MHz	16-QAM	2506.0	1.30	1/25	27.75	29.05	0.804	33.01	-3.96
		2593.0	1.30	1/49	27.87	29.17	0.826	33.01	-3.84
		2683.0	1.30	1/49	27.69	28.99	0.793	33.01	-4.02
		2506.0	1.30	1/25	27.63	28.93	0.782	33.01	-4.08
		2593.0	1.30	1/49	27.86	29.16	0.824	33.01	-3.85
		2680.0	1.30	1/49	26.66	27.96	0.625	33.01	-5.05
	QPSK	2593.0	1.30	1/25	27.63	28.93	0.782	33.01	-4.08
		2593.0	1.30	1/49	26.58	27.88	0.614	33.01	-5.13
		2593.0	1.30	1/49	25.30	26.60	0.457	33.01	-6.41
		2593.0	1.30	1/25	23.38	24.68	0.294	33.01	-8.33
		2508.5	1.30	1/32	27.53	28.83	0.784	33.01	-4.18
		2593.0	1.30	1/63	27.79	29.09	0.811	33.01	-3.92
20 MHz	n/2 BPSK	2677.5	1.30	1/32	27.66	28.96	0.787	33.01	-4.05
		2508.5	1.30	1/32	27.70	29.00	0.784	33.01	-4.01
		2593.0	1.30	1/32	27.77	28.97	0.807	33.01	-3.94
		2677.5	1.30	1/32	27.63	28.93	0.782	33.01	-4.08
		2593.0	1.30	1/63	26.80	27.90	0.617	33.01	-5.11
		2593.0	1.30	1/63	25.10	26.40	0.437	33.01	-6.61
	16-QAM	2593.0	1.30	1/32	23.43	24.71	0.296	33.01	-8.30
		2511.0	1.30	1/36	27.52	28.82	0.762	33.01	-4.19
		2593.0	1.30	1/76	27.82	29.12	0.789	33.01	-4.04
		2675.0	1.30	1/36	27.69	28.99	0.793	33.01	-4.02
		2511.0	1.30	1/76	27.70	29.00	0.794	33.01	-4.01
		2593.0	1.30	1/76	27.86	29.16	0.824	33.01	-3.85
QPSK	2675.0	1.30	1/36	27.60	28.90	0.776	33.01	-4.11	
	2593.0	1.30	1/36	26.74	28.04	0.637	33.01	-4.97	
	2593.0	1.30	1/76	25.34	26.64	0.461	33.01	-6.37	
	2593.0	1.30	1/76	23.59	24.89	0.308	33.01	-8.12	
	2513.5	1.30	1/80	27.70	29.00	0.794	33.01	-4.01	
	2593.0	1.30	1/90	27.78	29.08	0.809	33.01	-3.93	
25 MHz	n/2 BPSK	2672.5	1.30	1/45	27.69	28.99	0.793	33.01	-4.02
		2513.5	1.30	1/90	27.71	29.01	0.796	33.01	-4.00
		2593.0	1.30	1/90	27.93	29.23	0.838	33.01	-3.78
		2672.5	1.30	1/45	27.60	28.90	0.776	33.01	-4.11
		2593.0	1.30	1/90	26.87	27.97	0.627	33.01	-5.04
		2593.0	1.30	1/90	25.23	26.53	0.450	33.01	-6.48
	16-QAM	2593.0	1.30	1/90	23.60	24.90	0.309	33.01	-8.11
		2516.0	1.30	1/104	27.61	28.91	0.778	33.01	-4.10
		2593.0	1.30	1/104	27.92	29.22	0.836	33.01	-3.79
		2670.0	1.30	1/104	27.68	28.98	0.791	33.01	-4.03
		2516.0	1.30	1/104	27.76	29.06	0.805	33.01	-3.95
		2593.0	1.30	1/104	27.72	29.02	0.798	33.01	-3.99
QPSK	2670.0	1.30	1/104	27.67	28.97	0.789	33.01	-4.04	
	2516.0	1.30	1/104	26.52	27.82	0.605	33.01	-5.19	
	2593.0	1.30	1/104	25.36	26.66	0.463	33.01	-6.35	
	2593.0	1.30	1/104	23.58	24.88	0.308	33.01	-8.13	
	2518.5	1.30	1/117	27.72	29.02	0.798	33.01	-3.99	
	2593.0	1.30	1/117	27.83	29.13	0.818	33.01	-3.88	
30 MHz	n/2 BPSK	2667.5	1.30	1/117	27.75	29.05	0.804	33.01	-3.96
		2518.5	1.30	1/117	27.70	29.00	0.794	33.01	-4.01
		2593.0	1.30	1/54	27.70	29.00	0.794	33.01	-4.01
		2667.5	1.30	1/117	27.56	28.86	0.769	33.01	-4.15
		2518.5	1.30	1/117	26.61	27.91	0.618	33.01	-5.10
		2518.5	1.30	1/117	25.30	26.60	0.457	33.01	-6.41
	16-QAM	2518.5	1.30	1/117	23.47	24.77	0.300	33.01	-8.24
		2521.0	1.30	1/131	27.84	29.14	0.783	33.01	-4.07
		2593.0	1.30	1/64	27.87	28.97	0.789	33.01	-4.04
		2665.0	1.30	1/64	27.59	28.89	0.774	33.01	-4.12
		2521.0	1.30	1/131	27.61	28.91	0.778	33.01	-4.10
		2593.0	1.30	1/131	27.73	29.03	0.800	33.01	-3.98
QPSK	2665.0	1.30	1/64	27.57	28.87	0.771	33.01	-4.14	
	2593.0	1.30	1/64	26.78	28.08	0.643	33.01	-4.93	
	2593.0	1.30	1/64	25.23	26.53	0.450	33.01	-6.48	
	2593.0	1.30	1/64	23.46	24.76	0.299	33.01	-8.25	
	2526.0	1.30	1/160	27.58	28.88	0.773	33.01	-4.13	
	2526.0	1.30	1/160	27.76	29.06	0.805	33.01	-3.95	
40 MHz	n/2 BPSK	2660.0	1.30	1/160	27.50	28.80	0.759	33.01	-4.21
		2526.0	1.30	1/160	27.70	29.00	0.794	33.01	-4.01
		2593.0	1.30	1/81	27.77	29.07	0.807	33.01	-3.94
		2660.0	1.30	1/81	27.56	28.86	0.769	33.01	-4.15
		2526.0	1.30	1/160	26.55	27.85	0.610	33.01	-5.16
		2526.0	1.30	1/160	25.22	26.52	0.449	33.01	-6.49
	16-QAM	2526.0	1.30	1/81	23.50	24.80	0.302	33.01	-8.21
		2531.0	1.30	1/90	27.50	28.80	0.759	33.01	-4.21
		2593.0	1.30	1/90	27.72	29.02	0.798	33.01	-3.99
		2655.0	1.30	1/90	27.54	28.84	0.766	33.01	-4.17
		2531.0	1.30	1/90	27.63	28.93	0.782	33.01	-4.08
		2593.0	1.30	1/187	27.83	29.13	0.818	33.01	-3.88
QPSK	2655.0	1.30	1/90	27.56	28.86	0.769	33.01	-4.15	
	2531.0	1.30	1/90	26.87	27.97	0.627	33.01	-5.04	
	2593.0	1.30	1/90	25.39	26.69	0.467	33.01	-6.32	
	2531.0	1.30	1/90	23.45	24.75	0.299	33.01	-8.26	
	2536.0	1.30	1/215	27.63	28.93	0.782	33.01	-4.08	
	2593.0	1.30	1/215	27.88	29.18	0.828	33.01	-3.83	
50 MHz	n/2 BPSK	2650.0	1.30	1/108	27.62	28.92	0.780	33.01	-4.09
		2536.0	1.30	1/108	27.63	28.93	0.782	33.01	-4.08
		2593.0	1.30	1/215	27.82	29.12	0.817	33.01	-3.89
		2650.0	1.30	1/108	27.55	28.85	0.767	33.01	-4.16
		2536.0	1.30	1/108	26.82	28.12	0.649	33.01	-4.89
		2536.0	1.30	1/108	25.33	26.63	0.480	33.01	-6.38
	16-QAM	2536.0	1.30	1/108	23.42	24.72	0.296	33.01	-8.29
		2541.0	1.30	1/120	27.57	28.87	0.771	33.01	-4.14
		2593.0	1.30	1/243	27.89	29.19	0.830	33.01	-3.82
		2645.0	1.30	1/120	27.54	28.84	0.766	33.01	-4.17
		2541.0	1.30	1/120	27.80	29.10	0.813	33.01	-3.91
		2593.0	1.30	1/243	27.83	29.13	0.818	33.01	-3.88
60 MHz	n/2 BPSK	2645.0	1.30	1/120	27.48	28.78	0.755	33.01	-4.23
		2541.0	1.30	1/120	27.63	28.93	0.782	33.01	-4.08
		2593.0	1.30	1/120	25.32	26.62	0.481	33.01	-6.39
		2593.0	1.30	1/243	25.61	26.91	0.310	33.01	-8.10
		2646.0	1.30	1/135	27.66	28.96	0.783	33.01	-4.05
		2593.0	1.30	1/135	27.85	29.15	0.822	33.01	-3.86
	QPSK	2640.0	1.30	1/135	27.77	29.07	0.807	33.01	-3.94
		2546.0	1.30	1/135	27.67	28.97	0.789	33.01	-4.04
		2593.0	1.30	1/271	27.70	29.00	0.794	33.01	-4.01
		2640.0	1.30	1/135	27.76	29.06	0.805	33.01	-3.95
		2593.0	1.30	1/271	26.47	27.77	0.598	33.01	-5.24
		2640.0	1.30	1/135	25.42	26.72	0.470	33.01	-6.49
80 MHz	n/2 BPSK	2640.0	1.30	1/135	23.40	24.70	0.294	33.01	-8.31
		2640.0	1.30	1/135	27.67	28.97	0.789	33.01	-4.04
		2593.0	1.30	1/271	26.47	27.77	0.598	33.01	-5.24
		2640.0	1.30	1/135	25.42	26.72	0.470	33.01	-6.49
		2593.0	1.30	1/271	26.47	27.77	0.598	33.01	-5.24
		2640.0	1.30	1/135	25.42	26.72	0.470	33.01	-6.49
	QPSK	2593.0	1.30	1/271	26.47	27.77	0.598	33.01	-5.24
		2640.0	1.30	1/135	25.42	26.72	0.470	33.01	-6.49
		2593.0	1.30	1/271	26.47	27.77	0.598	33.01	-5.24
		2640.0	1.30	1/135	25.42	26.72	0.470	33.01	-6.49
		2593.0	1.30	1/271	26.47	27.77	0.598	33.01	-5.24
		2640.0	1.30	1/135	25.42	26.72	0.470	33.01	-6.49

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]
10 MHz	11/2 BPSK	2501.0	1.30	1/12	25.33	26.63	0.460	33.01	-6.38
		2593.0	1.30	1/12	25.28	26.58	0.455	33.01	-6.43
		2685.0	1.30	1/12	25.26	26.58	0.455	33.01	-6.43
		2501.0	1.30	1/12	25.49	26.79	0.478	33.01	-6.22
		2593.0	1.30	1/12	25.20	26.50	0.447	33.01	-6.51
	QPSK	2685.0	1.30	1/12	25.15	26.45	0.442	33.01	-6.56
		2501.0	1.30	1/12	24.16	25.46	0.352	33.01	-7.55
		2593.0	1.30	1/12	22.99	24.29	0.269	33.01	-8.72
		2501.0	1.30	1/12	21.16	22.46	0.176	33.01	-10.55
		2503.5	1.30	1/36	25.31	26.61	0.458	33.01	-6.40
15 MHz	11/2 BPSK	2593.0	1.30	1/18	25.27	26.57	0.454	33.01	-6.44
		2682.5	1.30	1/36	25.22	26.52	0.449	33.01	-6.49
		2503.5	1.30	1/36	25.26	26.56	0.453	33.01	-6.45
		2593.0	1.30	1/36	25.38	26.68	0.466	33.01	-6.33
		2682.5	1.30	1/18	25.26	26.56	0.453	33.01	-6.45
	QPSK	2503.5	1.30	1/18	24.38	25.68	0.370	33.01	-7.33
		2503.5	1.30	1/36	22.84	24.24	0.265	33.01	-8.77
		2503.5	1.30	1/18	21.13	22.43	0.175	33.01	-10.58
		2506.0	1.30	1/49	25.32	26.62	0.459	33.01	-6.39
		2593.0	1.30	1/49	25.21	26.51	0.448	33.01	-6.50
20 MHz	11/2 BPSK	2680.0	1.30	1/25	25.25	26.55	0.452	33.01	-6.46
		2506.0	1.30	1/49	25.35	26.65	0.462	33.01	-6.36
		2593.0	1.30	1/49	25.20	26.50	0.447	33.01	-6.51
		2680.0	1.30	1/25	25.25	26.55	0.452	33.01	-6.46
		2506.0	1.30	1/49	24.44	25.74	0.375	33.01	-7.27
	QPSK	2506.0	1.30	1/49	22.94	24.24	0.265	33.01	-8.77
		2506.0	1.30	1/49	21.13	22.43	0.175	33.01	-10.58
		2506.0	1.30	1/49	25.32	26.62	0.459	33.01	-6.39
		2593.0	1.30	1/49	25.21	26.51	0.448	33.01	-6.50
		2593.0	1.30	1/63	25.33	26.63	0.460	33.01	-6.38
25 MHz	11/2 BPSK	2593.0	1.30	1/63	25.21	26.51	0.448	33.01	-6.50
		2677.5	1.30	1/32	25.24	26.54	0.451	33.01	-6.47
		2593.0	1.30	1/63	25.30	26.61	0.457	33.01	-6.42
		2677.5	1.30	1/32	25.21	26.51	0.448	33.01	-6.50
		2593.0	1.30	1/32	24.41	25.71	0.372	33.01	-7.30
	QPSK	2593.0	1.30	1/32	22.87	24.17	0.281	33.01	-8.84
		2593.0	1.30	1/32	21.15	22.45	0.176	33.01	-10.56
		2593.0	1.30	1/36	25.29	26.59	0.456	33.01	-6.42
		2593.0	1.30	1/76	25.24	26.54	0.451	33.01	-6.47
		2675.0	1.30	1/76	25.20	26.50	0.447	33.01	-6.51
30 MHz	11/2 BPSK	2511.0	1.30	1/76	25.52	26.82	0.481	33.01	-6.19
		2593.0	1.30	1/36	25.32	26.62	0.459	33.01	-6.39
		2675.0	1.30	1/76	25.35	26.65	0.462	33.01	-6.36
		2593.0	1.30	1/76	24.31	25.61	0.364	33.01	-7.60
		2593.0	1.30	1/76	22.88	24.18	0.282	33.01	-8.83
	QPSK	2511.0	1.30	1/36	21.07	22.37	0.173	33.01	-10.64
		2513.5	1.30	1/80	25.32	26.62	0.459	33.01	-6.39
		2593.0	1.30	1/90	25.31	26.61	0.458	33.01	-6.40
		2672.5	1.30	1/80	25.22	26.52	0.449	33.01	-6.49
		2513.5	1.30	1/45	25.37	26.67	0.465	33.01	-6.34
35 MHz	11/2 BPSK	2593.0	1.30	1/90	25.43	26.73	0.471	33.01	-6.28
		2672.5	1.30	1/90	25.32	26.62	0.459	33.01	-6.39
		2513.5	1.30	1/80	24.40	25.70	0.372	33.01	-7.31
		2513.5	1.30	1/45	22.88	24.18	0.282	33.01	-8.83
		2513.5	1.30	1/80	21.20	22.50	0.178	33.01	-10.51
	QPSK	2516.0	1.30	1/104	25.39	26.69	0.467	33.01	-6.32
		2593.0	1.30	1/50	25.25	26.55	0.452	33.01	-6.46
		2670.0	1.30	1/104	25.23	26.53	0.450	33.01	-6.48
		2516.0	1.30	1/104	25.48	26.78	0.476	33.01	-6.23
		2593.0	1.30	1/104	25.26	26.56	0.453	33.01	-6.45
40 MHz	11/2 BPSK	2670.0	1.30	1/104	25.30	26.60	0.457	33.01	-6.41
		2593.0	1.30	1/104	24.44	25.74	0.375	33.01	-7.27
		2593.0	1.30	1/104	23.14	24.44	0.274	33.01	-8.57
		2516.0	1.30	1/104	21.10	22.40	0.174	33.01	-10.61
		2516.5	1.30	1/117	25.34	26.64	0.461	33.01	-6.37
	QPSK	2593.0	1.30	1/64	25.21	26.51	0.448	33.01	-6.50
		2667.5	1.30	1/64	25.26	26.56	0.453	33.01	-6.45
		2516.5	1.30	1/117	24.35	25.65	0.367	33.01	-7.36
		2516.5	1.30	1/117	22.91	24.21	0.284	33.01	-8.80
		2516.5	1.30	1/117	21.07	22.37	0.173	33.01	-10.64
45 MHz	11/2 BPSK	2521.0	1.30	1/64	25.28	26.58	0.455	33.01	-6.43
		2593.0	1.30	1/131	25.23	26.53	0.450	33.01	-6.48
		2665.0	1.30	1/64	25.22	26.52	0.449	33.01	-6.49
		2521.0	1.30	1/64	25.27	26.57	0.454	33.01	-6.44
		2593.0	1.30	1/64	25.21	26.51	0.448	33.01	-6.50
	QPSK	2665.0	1.30	1/131	25.21	26.51	0.448	33.01	-6.50
		2665.0	1.30	1/64	24.42	25.72	0.373	33.01	-7.28
		2521.0	1.30	1/64	23.00	24.30	0.289	33.01	-8.71
		2521.0	1.30	1/64	20.96	22.26	0.168	33.01	-10.75
		2526.0	1.30	1/160	25.22	26.52	0.449	33.01	-6.49
50 MHz	11/2 BPSK	2593.0	1.30	1/81	25.26	26.56	0.453	33.01	-6.45
		2660.0	1.30	1/160	25.27	26.57	0.454	33.01	-6.44
		2526.0	1.30	1/81	25.42	26.72	0.470	33.01	-6.29
		2593.0	1.30	1/160	25.39	26.69	0.467	33.01	-6.32
		2660.0	1.30	1/81	25.33	26.63	0.460	33.01	-6.38
	QPSK	2593.0	1.30	1/160	24.21	25.51	0.356	33.01	-7.50
		2593.0	1.30	1/160	22.85	24.15	0.260	33.01	-8.86
		2593.0	1.30	1/160	21.09	22.39	0.170	33.01	-10.71
		2531.0	1.30	1/187	25.23	26.53	0.450	33.01	-6.48
		2593.0	1.30	1/187	25.46	26.76	0.474	33.01	-6.25
60 MHz	11/2 BPSK	2665.0	1.30	1/90	25.23	26.53	0.450	33.01	-6.48
		2531.0	1.30	1/90	25.31	26.61	0.458	33.01	-6.40
		2593.0	1.30	1/90	25.28	26.58	0.455	33.01	-6.43
		2655.0	1.30	1/187	25.23	26.53	0.450	33.01	-6.48
		2593.0	1.30	1/187	24.12	25.42	0.348	33.01	-7.59
	QPSK	2665.0	1.30	1/90	22.84	24.14	0.259	33.01	-8.87
		2531.0	1.30	1/187	21.14	22.44	0.175	33.01	-10.57
		2536.0	1.30	1/108	25.09	26.39	0.436	33.01	-6.62
		2593.0	1.30	1/215	25.21	26.51	0.448	33.01	-6.50
		2650.0	1.30	1/215	25.20	26.50	0.447	33.01	-6.51
70 MHz	11/2 BPSK	2536.0	1.30	1/108	25.49	26.79	0.478	33.01	-6.22
		2593.0	1.30	1/108	25.29	26.59	0.456	33.01	-6.42
		2650.0	1.30	1/215	25.20	26.50	0.447	33.01	-6.51
		2650.0	1.30	1/215	24.16	25.46	0.352	33.01	-7.55
		2536.0	1.30	1/108	22.92	24.22	0.284	33.01	-8.79
	QPSK	2650.0	1.30	1/215	21.21	22.51	0.178	33.01	-10.59
		2541.0	1.30	1/243	25.22	26.52	0.449	33.01	-6.49
		2593.0	1.30	1/243	25.24	26.54	0.451	33.01	-6.47
		2645.0	1.30	1/120	25.26	26.56	0.453	33.01	-6.45
		2541.0	1.30	1/120	25.32	26.62	0.459	33.01	-6.39
80 MHz	11/2 BPSK	2593.0	1.30	1/243	25.38	26.68	0.466	33.01	-6.33
		2645.0	1.30	1/243	25.21	26.51	0.448	33.01	-6.50
		2541.0	1.30	1/120	24.28	25.58	0.361	33.01	-7.43
		2645.0	1.30	1/120	22.79	24.09	0.256	33.01	-8.92
		2541.0	1.30	1/120	21.11	22.41	0.174	33.01	-10.60
	QPSK	2546.0	1.30	1/135	25.25	26.55	0.452	33.01	-6.46
		2640.0	1.30	1/135	25.20	26.56	0.453	33.01	-6.45
		2546.0	1.30	1/135	25.26	26.56	0.453	33.01	-6.45
		2640.0	1.30	1/135	25.22	26.52	0.449	33.01	-6.49
		2640.0	1.30	1/135	25.33	26.63	0.460	33.01	-6.38
90 MHz	11/2 BPSK	2640.0	1.30	1/135	24.18	25.48	0.353	33.01	-7.53
		2593.0	1.30	1/135	23.00	24.30	0.289	33.01	-8.71
		2640.0	1.30	1/135	21.96	23.26	0.192	33.01	-10.44
		2593.0	1.30	1/271	25.26	26.56	0.453	33.01	-6.45
		2640.0	1.30	1/135	25.20	26.50	0.447	33.01	-6.51
	QPSK	2546.0	1.30	1/135	25.26	26.56	0.453	33.01	-6.45
		2640.0	1.30	1/135	25.22	26.52	0.449	33.01	-6.49
		2640.0	1.30	1/135	25.33	26.63	0.460	33.01	-6.38
		2640.0	1.30	1/135	24.18	25.48	0.353	33.01	-7.53
		2593.0	1.30	1/271	25.26	26.56	0.453	33.01	-6.45

ULCA LTE 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	24.90	1.40	26.30	0.427	33.01	-6.71	
				21100	2535.0	1	99		21298	2554.8	1	0	25.02	1.40	26.42	0.439	33.01	-6.69	
				21350	2560.0	1	0		21152	2540.2	1	99	24.85	1.40	26.25	0.422	33.01	-6.76	
			QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	24.22	1.40	25.62	0.365	33.01	-7.39	
				16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	23.10	1.40	24.50	0.282	33.01	-8.51
				64-QAM	21100	2535	100	0	64-QAM	21298	2554.8	100	0	22.20	1.40	23.60	0.229	33.01	-9.41
			256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	20.20	1.40	21.60	0.145	33.01	-11.41	

Table 7-32. Antenna 3 EIRP Data (ULCA LTE Band 7)

ULCA LTE 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		39948	2525.8	1	0	27.21	1.30	28.51	0.710	33.01	-4.50
				40620	2593.0	1	99	QPSK	40818	2612.8	1	0	28.11	1.30	29.41	0.873	33.01	-3.60
				41490	2680.0	1	0		41292	2660.2	1	99	27.27	1.30	28.57	0.719	33.01	-4.44
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	27.35	1.30	28.65	0.733	33.01	-4.36
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	26.55	1.30	27.85	0.610	33.01	-5.16
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	25.32	1.30	26.62	0.459	33.01	-6.39
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	22.23	1.30	23.53	0.225	33.01	-9.48

Table 7-33. Antenna 3 EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE 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	24.40	1.30	25.70	0.372	33.01	-7.31
			40620	2593.0	1	99	40818	2612.8	1	0	25.39	1.30	26.69	0.467	33.01	-6.32		
			41490	2680.0	1	0	41292	2660.2	1	99	24.39	1.30	25.69	0.371	33.01	-7.32		
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.33	1.30	25.63	0.366	33.01	-7.38
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.18	1.30	24.48	0.281	33.01	-8.53
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.23	1.30	23.53	0.225	33.01	-9.48
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.37	1.30	20.67	0.117	33.01	-12.34

Table 7-34. Antenna 3 EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.5.4 Antenna 2b - 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	-1.30	1 / 24	23.80	22.50	0.178	23.98	-1.48
		2310.0	-1.30	1 / 0	23.46	22.16	0.164	23.98	-1.82
		2312.5	-1.30	1 / 0	23.58	22.28	0.169	23.98	-1.70
	16-QAM	2310.0	-1.30	1 / 12	22.68	21.38	0.137	23.98	-2.60
	64-QAM	2307.5	-1.30	1 / 12	21.76	20.46	0.111	23.98	-3.52
	256-QAM	2312.5	-1.30	25 / 0	19.02	17.72	0.059	23.98	-6.26
10 MHz	QPSK	2310.0	-1.30	1 / 25	23.67	22.37	0.173	23.98	-1.61
	16-QAM	2310.0	-1.30	1 / 0	22.77	21.47	0.140	23.98	-2.51
	64-QAM	2310.0	-1.30	1 / 0	21.77	20.47	0.111	23.98	-3.51
	256-QAM	2310.0	-1.30	50 / 0	19.08	17.78	0.060	23.98	-6.20

Table 7-35. Antenna 2b EIRP Data (LTE Band 30)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	-1.60	1 / 12	23.70	22.10	0.162	33.01	-10.91
		2535.0	-1.60	1 / 0	23.80	22.20	0.166	33.01	-10.81
		2567.5	-1.60	1 / 24	23.63	22.03	0.160	33.01	-10.98
	16-QAM	2502.5	-1.60	1 / 12	22.86	21.26	0.134	33.01	-11.75
	64-QAM	2535.0	-1.60	1 / 24	21.77	20.17	0.104	33.01	-12.84
	256-QAM	2502.5	-1.60	25 / 0	19.05	17.45	0.056	33.01	-15.56
10 MHz	QPSK	2505.0	-1.60	1 / 49	23.72	22.12	0.163	33.01	-10.89
		2535.0	-1.60	1 / 0	23.70	22.10	0.162	33.01	-10.91
		2565.0	-1.60	1 / 0	23.74	22.14	0.164	33.01	-10.87
	16-QAM	2505.0	-1.60	1 / 0	22.73	21.13	0.130	33.01	-11.88
	64-QAM	2535.0	-1.60	1 / 0	21.84	20.24	0.106	33.01	-12.77
	256-QAM	2535.0	-1.60	50 / 0	19.42	17.82	0.061	33.01	-15.19
15 MHz	QPSK	2507.5	-1.60	1 / 0	23.57	21.97	0.157	33.01	-11.04
		2535.0	-1.60	1 / 74	23.67	22.07	0.161	33.01	-10.94
		2562.5	-1.60	1 / 74	23.80	22.20	0.166	33.01	-10.81
	16-QAM	2562.5	-1.60	1 / 37	22.83	21.23	0.133	33.01	-11.78
	64-QAM	2507.5	-1.60	1 / 74	21.82	20.22	0.105	33.01	-12.79
	256-QAM	2507.5	-1.60	75 / 0	19.17	17.57	0.057	33.01	-15.44
20 MHz	QPSK	2510.0	-1.60	1 / 99	23.61	22.01	0.159	33.01	-11.00
		2535.0	-1.60	1 / 99	23.68	22.08	0.161	33.01	-10.93
		2560.0	-1.60	1 / 50	23.73	22.13	0.163	33.01	-10.88
	16-QAM	2535.0	-1.60	1 / 0	22.81	21.21	0.132	33.01	-11.80
	64-QAM	2510.0	-1.60	1 / 99	21.79	20.19	0.104	33.01	-12.82
	256-QAM	2510.0	-1.60	100 / 0	18.99	17.39	0.055	33.01	-15.62

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical 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	-2.40	1 / 24	28.21	25.81	0.381	33.01	-7.20
		2593.0	-2.40	1 / 24	28.23	25.83	0.383	33.01	-7.18
		2687.5	-2.40	1 / 24	28.20	25.80	0.380	33.01	-7.21
	16-QAM	2593.0	-2.40	1 / 24	27.63	25.23	0.333	33.01	-7.78
	64-QAM	2593.0	-2.40	1 / 24	26.79	24.39	0.275	33.01	-8.62
	256-QAM	2593.0	-2.40	1 / 24	23.68	21.28	0.134	33.01	-11.73
10 MHz	QPSK	2501.0	-2.40	1 / 25	28.12	25.72	0.373	33.01	-7.29
		2593.0	-2.40	1 / 49	28.28	25.88	0.387	33.01	-7.13
		2685.0	-2.40	1 / 25	28.01	25.61	0.364	33.01	-7.40
	16-QAM	2593.0	-2.40	1 / 25	27.59	25.19	0.330	33.01	-7.82
	64-QAM	2593.0	-2.40	1 / 49	26.79	24.39	0.275	33.01	-8.62
	256-QAM	2593.0	-2.40	1 / 49	23.80	21.40	0.138	33.01	-11.61
15 MHz	QPSK	2503.5	-2.40	1 / 37	28.22	25.82	0.382	33.01	-7.19
		2593.0	-2.40	1 / 74	28.40	26.00	0.398	33.01	-7.01
		2682.5	-2.40	1 / 37	28.25	25.85	0.385	33.01	-7.16
	16-QAM	2593.0	-2.40	1 / 74	27.54	25.14	0.327	33.01	-7.87
	64-QAM	2593.0	-2.40	1 / 74	26.72	24.32	0.270	33.01	-8.69
	256-QAM	2593.0	-2.40	1 / 74	23.73	21.33	0.136	33.01	-11.68
20 MHz	QPSK	2506.0	-2.40	1 / 50	28.19	25.79	0.379	33.01	-7.22
		2593.0	-2.40	1 / 50	28.26	25.86	0.385	33.01	-7.15
		2680.0	-2.40	1 / 50	28.17	25.77	0.378	33.01	-7.24
	16-QAM	2593.0	-2.40	1 / 50	27.66	25.26	0.336	33.01	-7.75
	64-QAM	2593.0	-2.40	1 / 99	26.62	24.22	0.264	33.01	-8.79
	256-QAM	2593.0	-2.40	100 / 0	23.75	21.35	0.136	33.01	-11.66

Table 7-37. Antenna 2b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical 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	-2.40	1 / 12	25.40	23.00	0.200	33.01	-10.01
		2593.0	-2.40	1 / 0	25.31	22.91	0.195	33.01	-10.10
		2687.5	-2.40	1 / 0	25.22	22.82	0.191	33.01	-10.19
	16-QAM	2687.5	-2.40	1 / 0	24.37	21.97	0.157	33.01	-11.04
	64-QAM	2498.5	-2.40	1 / 24	23.24	20.84	0.121	33.01	-12.17
	256-QAM	2498.5	-2.40	25 / 0	20.67	18.27	0.067	33.01	-14.74
10 MHz	QPSK	2501.0	-2.40	1 / 25	25.25	22.85	0.193	33.01	-10.16
		2593.0	-2.40	1 / 49	25.22	22.82	0.191	33.01	-10.19
		2685.0	-2.40	1 / 0	25.25	22.85	0.193	33.01	-10.16
	16-QAM	2685.0	-2.40	1 / 0	24.29	21.89	0.155	33.01	-11.12
	64-QAM	2593.0	-2.40	1 / 49	23.32	20.92	0.124	33.01	-12.09
	256-QAM	2685.0	-2.40	50 / 0	20.79	18.39	0.069	33.01	-14.62
15 MHz	QPSK	2503.5	-2.40	1 / 37	25.22	22.82	0.191	33.01	-10.19
		2593.0	-2.40	1 / 37	25.21	22.81	0.191	33.01	-10.20
		2682.5	-2.40	1 / 37	25.23	22.83	0.192	33.01	-10.18
	16-QAM	2682.5	-2.40	1 / 0	24.09	21.69	0.148	33.01	-11.32
	64-QAM	2682.5	-2.40	1 / 0	23.24	20.84	0.121	33.01	-12.17
	256-QAM	2682.5	-2.40	75 / 0	20.73	18.33	0.068	33.01	-14.68
20 MHz	QPSK	2506.0	-2.40	1 / 50	25.27	22.87	0.194	33.01	-10.14
		2593.0	-2.40	1 / 50	25.35	22.95	0.197	33.01	-10.06
		2680.0	-2.40	1 / 50	25.39	22.99	0.199	33.01	-10.02
	16-QAM	2680.0	-2.40	1 / 50	24.47	22.07	0.161	33.01	-10.94
	64-QAM	2680.0	-2.40	1 / 50	23.34	20.94	0.124	33.01	-12.07
	256-QAM	2680.0	-2.40	100 / 0	20.79	18.39	0.069	33.01	-14.62

Table 7-38. Antenna 2b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 261 of 317

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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	$\pi/2$ BPSK	2307.5	-1.30	25 / 0	23.75	22.45	0.176	23.98	-1.53
		2310.0	-1.30	25 / 0	23.54	22.24	0.168	23.98	-1.74
		2312.5	-1.30	1 / 1	23.71	22.41	0.174	23.98	-1.57
	QPSK	2307.5	-1.30	1 / 12	23.65	22.35	0.172	23.98	-1.63
		2310.0	-1.30	1 / 12	23.56	22.26	0.168	23.98	-1.72
		2312.5	-1.30	1 / 12	23.60	22.30	0.170	23.98	-1.68
	16-QAM	2312.5	-1.30	1 / 23	22.52	21.22	0.132	23.98	-2.76
	64-QAM	2307.5	-1.30	25 / 0	21.84	20.54	0.113	23.98	-3.44
	256-QAM	2307.5	-1.30	25 / 0	19.86	18.56	0.072	23.98	-5.42
10 MHz	$\pi/2$ BPSK	2310.0	-1.30	50 / 0	23.64	22.34	0.171	23.98	-1.64
	QPSK	2310.0	-1.30	1 / 50	23.60	22.30	0.170	23.98	-1.68
	16-QAM	2310.0	-1.30	1 / 1	22.46	21.16	0.131	23.98	-2.82
	64-QAM	2310.0	-1.30	50 / 0	21.68	20.38	0.109	23.98	-3.60
	256-QAM	2310.0	-1.30	50 / 0	19.75	18.45	0.070	23.98	-5.53

Table 7-39. Antenna 2b EIRP Data (NR Band n30)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 262 of 317

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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	-1.60	25 / 0	23.59	21.99	0.158	33.01	-11.02
		2535.0	-1.60	25 / 0	23.64	22.04	0.160	33.01	-10.97
		2567.5	-1.60	25 / 0	23.55	21.95	0.157	33.01	-11.06
	QPSK	2502.5	-1.60	1 / 12	23.40	21.80	0.151	33.01	-11.21
		2535.0	-1.60	1 / 12	23.43	21.83	0.152	33.01	-11.18
		2567.5	-1.60	1 / 12	23.59	21.99	0.158	33.01	-11.02
	16-QAM	2502.5	-1.60	1 / 12	22.32	20.72	0.118	33.01	-12.29
	64-QAM	2502.5	-1.60	25 / 0	21.56	19.96	0.099	33.01	-13.05
256-QAM	2502.5	-1.60	25 / 0	19.61	18.01	0.063	33.01	-15.00	
10 MHz	π/2 BPSK	2505.0	-1.60	50 / 0	23.56	21.96	0.157	33.01	-11.05
		2535.0	-1.60	50 / 0	23.55	21.95	0.157	33.01	-11.06
		2565.0	-1.60	50 / 0	23.51	21.91	0.155	33.01	-11.11
	QPSK	2505.0	-1.60	1 / 25	23.44	21.84	0.153	33.01	-11.17
		2535.0	-1.60	1 / 1	23.42	21.82	0.152	33.01	-11.19
		2565.0	-1.60	1 / 25	23.71	22.11	0.163	33.01	-10.90
	16-QAM	2505.0	-1.60	1 / 25	22.48	20.88	0.122	33.01	-12.13
	64-QAM	2535.0	-1.60	50 / 0	21.58	19.98	0.099	33.01	-13.04
256-QAM	2535.0	-1.60	50 / 0	19.64	18.04	0.064	33.01	-14.97	
15 MHz	π/2 BPSK	2507.5	-1.60	75 / 0	23.66	22.06	0.161	33.01	-10.95
		2535.0	-1.60	75 / 0	23.66	22.06	0.161	33.01	-10.95
		2562.5	-1.60	75 / 0	23.54	21.94	0.156	33.01	-11.07
	QPSK	2507.5	-1.60	1 / 36	23.49	21.89	0.154	33.01	-11.12
		2535.0	-1.60	1 / 36	23.51	21.91	0.155	33.01	-11.10
		2562.5	-1.60	1 / 36	23.54	21.94	0.156	33.01	-11.07
	16-QAM	2507.5	-1.60	1 / 36	22.29	20.69	0.117	33.01	-12.32
	64-QAM	2535.0	-1.60	75 / 0	21.54	19.94	0.099	33.01	-13.07
256-QAM	2562.5	-1.60	75 / 0	19.61	18.01	0.063	33.01	-15.00	
20 MHz	π/2 BPSK	2510.0	-1.60	100 / 0	23.52	21.92	0.156	33.01	-11.09
		2535.0	-1.60	100 / 0	23.63	22.03	0.160	33.01	-10.98
		2560.0	-1.60	100 / 0	23.51	21.91	0.155	33.01	-11.11
	QPSK	2510.0	-1.60	1 / 50	23.52	21.92	0.156	33.01	-11.09
		2535.0	-1.60	1 / 1	23.40	21.80	0.151	33.01	-11.21
		2560.0	-1.60	1 / 50	23.73	22.13	0.163	33.01	-10.88
	16-QAM	2510.0	-1.60	1 / 50	22.46	20.86	0.122	33.01	-12.15
	64-QAM	2535.0	-1.60	100 / 0	21.67	20.07	0.102	33.01	-12.95
256-QAM	2510.0	-1.60	100 / 0	19.68	18.08	0.064	33.01	-14.93	
25 MHz	π/2 BPSK	2512.5	-1.60	128 / 0	23.67	22.07	0.161	33.01	-10.94
		2535.0	-1.60	128 / 0	23.66	22.06	0.161	33.01	-10.95
		2557.5	-1.60	128 / 0	23.61	22.01	0.159	33.01	-11.00
	QPSK	2512.5	-1.60	1 / 1	23.44	21.84	0.153	33.01	-11.17
		2535.0	-1.60	1 / 64	23.42	21.82	0.152	33.01	-11.19
		2557.5	-1.60	1 / 64	23.53	21.93	0.156	33.01	-11.08
	16-QAM	2512.5	-1.60	1 / 64	22.27	20.67	0.117	33.01	-12.34
	64-QAM	2557.5	-1.60	128 / 0	21.52	19.92	0.098	33.01	-13.09
256-QAM	2535.0	-1.60	128 / 0	19.59	17.99	0.063	33.01	-15.02	
30 MHz	π/2 BPSK	2515.0	-1.60	160 / 0	23.52	21.92	0.156	33.01	-11.09
		2535.0	-1.60	160 / 0	23.59	21.99	0.158	33.01	-11.02
		2555.0	-1.60	160 / 0	23.54	21.94	0.156	33.01	-11.08
	QPSK	2515.0	-1.60	1 / 80	23.48	21.88	0.154	33.01	-11.13
		2535.0	-1.60	1 / 1	23.41	21.81	0.152	33.01	-11.20
		2555.0	-1.60	1 / 80	23.70	22.10	0.162	33.01	-10.91
	16-QAM	2535.0	-1.60	1 / 80	22.40	20.80	0.120	33.01	-12.21
	64-QAM	2535.0	-1.60	160 / 0	21.59	19.99	0.100	33.01	-13.03
256-QAM	2535.0	-1.60	160 / 0	19.72	18.12	0.065	33.01	-14.89	
35 MHz	π/2 BPSK	2517.5	-1.60	180 / 0	23.61	22.01	0.159	33.01	-11.00
		2535.0	-1.60	180 / 0	23.61	22.01	0.159	33.01	-11.00
		2552.5	-1.60	180 / 0	23.55	21.95	0.157	33.01	-11.06
	QPSK	2517.5	-1.60	1 / 1	23.44	21.84	0.153	33.01	-11.17
		2535.0	-1.60	1 / 90	23.47	21.87	0.154	33.01	-11.14
		2552.5	-1.60	1 / 90	23.53	21.93	0.156	33.01	-11.08
	16-QAM	2552.5	-1.60	1 / 1	22.26	20.66	0.117	33.01	-12.35
	64-QAM	2552.5	-1.60	180 / 0	21.55	19.95	0.099	33.01	-13.06
256-QAM	2535.0	-1.60	180 / 0	19.62	18.02	0.063	33.01	-14.99	
40 MHz	π/2 BPSK	2520.0	-1.60	216 / 0	23.51	21.91	0.155	33.01	-11.10
		2535.0	-1.60	216 / 0	23.53	21.93	0.156	33.01	-11.08
		2550.0	-1.60	216 / 0	23.50	21.90	0.155	33.01	-11.12
	QPSK	2520.0	-1.60	1 / 108	23.43	21.83	0.153	33.01	-11.18
		2535.0	-1.60	1 / 214	23.42	21.82	0.152	33.01	-11.19
		2550.0	-1.60	1 / 108	23.75	22.15	0.164	33.01	-10.86
	16-QAM	2520.0	-1.60	1 / 108	22.40	20.80	0.120	33.01	-12.21
	64-QAM	2535.0	-1.60	216 / 0	21.62	20.02	0.100	33.01	-13.00
256-QAM	2535.0	-1.60	216 / 0	19.73	18.13	0.065	33.01	-14.88	
50 MHz	π/2 BPSK	2525.0	-1.60	270 / 0	23.60	22.00	0.158	33.01	-11.01
		2535.0	-1.60	270 / 0	23.67	22.07	0.161	33.01	-10.94
		2545.0	-1.60	270 / 0	23.57	21.97	0.158	33.01	-11.04
	QPSK	2525.0	-1.60	1 / 135	23.48	21.88	0.154	33.01	-11.13
		2535.0	-1.60	1 / 135	23.49	21.89	0.155	33.01	-11.12
		2545.0	-1.60	1 / 135	23.50	21.90	0.155	33.01	-11.11
	16-QAM	2525.0	-1.60	1 / 135	22.29	20.69	0.117	33.01	-12.32
	64-QAM	2525.0	-1.60	270 / 0	21.57	19.97	0.099	33.01	-13.04
256-QAM	2525.0	-1.60	270 / 0	19.61	18.01	0.063	33.01	-15.00	

Table 7-40. Antenna 2b EIRP Data (NR Band n7)

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT		Approved by: Technical 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]	
10 MHz	11/2 BPSK	2501.0	-2.40	1/22	28.17	28.77	0.378	33.01	-7.24	
		2505.0	-2.40	1/22	28.15	28.74	0.376	33.01	-7.26	
		2593.0	-2.40	1/12	28.27	25.87	0.386	33.01	-7.14	
		2685.0	-2.40	1/22	28.16	25.76	0.377	33.01	-7.25	
		2501.0	-2.40	1/22	28.18	25.78	0.378	33.01	-7.23	
		2593.0	-2.40	1/22	28.33	28.93	0.392	33.01	-7.08	
	QPSK	2685.0	-2.40	1/22	28.17	25.77	0.378	33.01	-7.24	
		2593.0	-2.40	1/22	27.05	24.65	0.292	33.01	-8.36	
		16-QAM	2593.0	-2.40	1/12	25.77	23.37	0.217	33.01	-8.64
		64-QAM	2593.0	-2.40	1/12	23.92	21.52	0.142	33.01	-11.49
		256-QAM	2593.0	-2.40	1/36	28.14	25.74	0.375	33.01	-7.27
		2593.0	-2.40	1/36	28.28	25.86	0.387	33.01	-7.13	
15 MHz	11/2 BPSK	2682.5	-2.40	1/18	28.19	25.79	0.379	33.01	-7.22	
		2503.5	-2.40	1/36	28.26	25.86	0.385	33.01	-7.15	
		2593.0	-2.40	1/18	28.43	28.93	0.401	33.01	-6.98	
		2682.5	-2.40	1/18	28.12	25.72	0.373	33.01	-7.29	
		16-QAM	2593.0	-2.40	1/36	27.15	24.75	0.299	33.01	-8.26
		64-QAM	2593.0	-2.40	1/36	25.85	23.45	0.221	33.01	-8.56
	QPSK	2593.0	-2.40	1/18	23.90	21.50	0.141	33.01	-11.51	
		2593.0	-2.40	1/49	28.18	28.78	0.379	33.01	-7.23	
		2593.0	-2.40	1/49	28.27	25.87	0.386	33.01	-7.14	
		2680.0	-2.40	1/25	28.02	25.62	0.365	33.01	-7.39	
		2593.0	-2.40	1/49	28.21	25.81	0.381	33.01	-7.20	
		2593.0	-2.40	1/25	28.31	28.91	0.390	33.01	-7.10	
20 MHz	11/2 BPSK	2680.0	-2.40	1/25	28.13	25.73	0.374	33.01	-7.28	
		2593.0	-2.40	1/49	27.32	24.92	0.310	33.01	-8.09	
		16-QAM	2593.0	-2.40	1/25	25.87	23.47	0.222	33.01	-8.54
		64-QAM	2593.0	-2.40	1/25	23.76	21.36	0.137	33.01	-11.65
		256-QAM	2593.0	-2.40	1/63	28.16	25.76	0.377	33.01	-7.25
		2593.0	-2.40	1/63	28.22	25.82	0.382	33.01	-7.19	
	QPSK	2677.5	-2.40	1/32	28.18	25.78	0.378	33.01	-7.23	
		2593.0	-2.40	1/32	28.18	25.78	0.378	33.01	-7.23	
		16-QAM	2593.0	-2.40	1/63	25.78	23.38	0.218	33.01	-8.63
		64-QAM	2593.0	-2.40	1/32	23.82	21.42	0.139	33.01	-11.59
		256-QAM	2593.0	-2.40	1/36	28.00	25.60	0.363	33.01	-7.41
		2593.0	-2.40	1/36	28.32	25.92	0.391	33.01	-7.09	
25 MHz	11/2 BPSK	2675.0	-2.40	1/36	28.17	25.77	0.378	33.01	-7.24	
		2511.0	-2.40	1/36	28.25	25.85	0.385	33.01	-7.16	
		2593.0	-2.40	1/76	28.34	28.94	0.393	33.01	-7.07	
		2675.0	-2.40	1/36	28.27	25.87	0.386	33.01	-7.14	
		16-QAM	2593.0	-2.40	1/36	27.47	25.07	0.321	33.01	-7.94
		64-QAM	2593.0	-2.40	1/36	25.85	23.45	0.221	33.01	-8.56
	QPSK	2593.0	-2.40	1/76	24.00	21.60	0.145	33.01	-11.41	
		2511.5	-2.40	1/90	28.26	25.86	0.388	33.01	-7.12	
		2672.5	-2.40	1/45	28.24	25.84	0.384	33.01	-7.17	
		2511.5	-2.40	1/90	28.26	25.86	0.385	33.01	-7.15	
		2593.0	-2.40	1/45	28.32	28.92	0.391	33.01	-7.08	
		2672.5	-2.40	1/45	28.30	25.90	0.389	33.01	-7.11	
30 MHz	11/2 BPSK	2511.0	-2.40	1/90	27.23	24.83	0.304	33.01	-8.18	
		2593.0	-2.40	1/45	25.72	23.32	0.215	33.01	-8.69	
		2511.0	-2.40	1/90	27.26	24.86	0.305	33.01	-8.17	
		2593.0	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
	QPSK	2593.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
		2670.0	-2.40	1/50	28.26	25.86	0.385	33.01	-7.15	
		16-QAM	2593.0	-2.40	1/50	28.26	25.86	0.385	33.01	-7.15
		64-QAM	2593.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18
		256-QAM	2593.0	-2.40	1/117	28.33	25.93	0.392	33.01	-7.06
35 MHz	11/2 BPSK	2511.0	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
		2670.0	-2.40	1/50	28.26	25.86	0.385	33.01	-7.15	
	QPSK	2593.0	-2.40	1/104	25.82	23.42	0.220	33.01	-8.59	
		2511.5	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
40 MHz	11/2 BPSK	2511.0	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
		2670.0	-2.40	1/50	28.26	25.86	0.385	33.01	-7.15	
	QPSK	2593.0	-2.40	1/104	25.82	23.42	0.220	33.01	-8.59	
		2511.5	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
45 MHz	11/2 BPSK	2511.0	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
		2670.0	-2.40	1/50	28.26	25.86	0.385	33.01	-7.15	
	QPSK	2593.0	-2.40	1/104	25.82	23.42	0.220	33.01	-8.59	
		2511.5	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
50 MHz	11/2 BPSK	2511.0	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
		2670.0	-2.40	1/50	28.26	25.86	0.385	33.01	-7.15	
	QPSK	2593.0	-2.40	1/104	25.82	23.42	0.220	33.01	-8.59	
		2511.5	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
60 MHz	11/2 BPSK	2511.0	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
		2670.0	-2.40	1/50	28.26	25.86	0.385	33.01	-7.15	
	QPSK	2593.0	-2.40	1/104	25.82	23.42	0.220	33.01	-8.59	
		2511.5	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
70 MHz	11/2 BPSK	2511.0	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
		2670.0	-2.40	1/50	28.26	25.86	0.385	33.01	-7.15	
	QPSK	2593.0	-2.40	1/104	25.82	23.42	0.220	33.01	-8.59	
		2511.5	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
80 MHz	11/2 BPSK	2511.0	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	33.01	-7.18	
		2511.0	-2.40	1/104	28.24	25.84	0.384	33.01	-7.17	
		2593.0	-2.40	1/50	28.32	25.92	0.391	33.01	-7.09	
		2670.0	-2.40	1/50	28.26	25.86	0.385	33.01	-7.15	
	QPSK	2593.0	-2.40	1/104	25.82	23.42	0.220	33.01	-8.59	
		2511.5	-2.40	1/104	28.37	28.97	0.395	33.01	-7.04	
		2593.0	-2.40	1/104	28.22	25.82	0.382	33.01	-7.19	
		2670.0	-2.40	1/50	28.23	25.83	0.383	3		

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]
10 MHz	π/2 BPSK	2501.0	-2.40	1/12	25.29	22.89	0.195	33.01	-10.12
		2593.0	-2.40	1/12	25.26	22.86	0.193	33.01	-10.15
		2685.0	-2.40	1/12	25.28	22.88	0.194	33.01	-10.13
		2501.0	-2.40	1/12	25.57	23.17	0.207	33.01	-9.84
		2593.0	-2.40	1/12	25.53	23.13	0.206	33.01	-9.88
	QPSK	2685.0	-2.40	1/12	25.33	22.93	0.196	33.01	-10.08
		2593.0	-2.40	1/12	24.33	21.93	0.156	33.01	-11.08
		2501.0	-2.40	1/22	23.04	20.64	0.116	33.01	-12.37
		2593.0	-2.40	1/22	21.28	18.88	0.077	33.01	-14.13
		2501.0	-2.40	1/36	25.34	22.94	0.197	33.01	-10.07
15 MHz	π/2 BPSK	2593.0	-2.40	1/36	25.35	22.95	0.197	33.01	-10.06
		2682.5	-2.40	1/18	25.20	22.80	0.191	33.01	-10.21
		2503.5	-2.40	1/36	25.33	22.93	0.196	33.01	-10.08
		2593.0	-2.40	1/36	25.41	23.01	0.200	33.01	-10.00
		2682.5	-2.40	1/18	25.41	23.01	0.200	33.01	-10.00
	QPSK	2682.5	-2.40	1/36	24.40	22.00	0.158	33.01	-11.01
		2593.0	-2.40	1/36	22.92	20.52	0.113	33.01	-12.49
		2503.5	-2.40	1/36	21.14	18.74	0.075	33.01	-14.27
		2593.0	-2.40	1/49	25.39	22.99	0.199	33.01	-10.02
		2593.0	-2.40	1/49	25.30	22.90	0.195	33.01	-10.11
20 MHz	π/2 BPSK	2680.0	-2.40	1/49	25.31	22.91	0.195	33.01	-10.10
		2506.0	-2.40	1/25	25.49	23.09	0.204	33.01	-9.92
		2593.0	-2.40	1/49	25.33	22.93	0.196	33.01	-10.06
		2680.0	-2.40	1/25	25.28	22.88	0.194	33.01	-10.13
		2680.0	-2.40	1/25	24.33	21.93	0.156	33.01	-11.08
	QPSK	2506.0	-2.40	1/49	22.98	20.58	0.114	33.01	-12.43
		2506.0	-2.40	1/49	21.01	18.61	0.073	33.01	-14.40
		2505.5	-2.40	1/32	25.31	22.91	0.195	33.01	-10.10
		2593.0	-2.40	1/32	25.35	22.95	0.197	33.01	-10.06
		2677.5	-2.40	1/63	25.21	22.81	0.191	33.01	-10.20
25 MHz	π/2 BPSK	2595.5	-2.40	1/32	25.46	23.06	0.202	33.01	-9.95
		2595.0	-2.40	1/63	25.37	22.97	0.198	33.01	-10.04
		2677.5	-2.40	1/63	24.24	21.84	0.153	33.01	-11.17
		2677.5	-2.40	1/32	22.93	20.53	0.113	33.01	-12.48
		2511.0	-2.40	1/63	21.83	18.63	0.073	33.01	-14.38
	QPSK	2511.0	-2.40	1/76	25.43	23.03	0.201	33.01	-9.98
		2593.0	-2.40	1/76	25.39	22.99	0.199	33.01	-10.02
		2675.0	-2.40	1/36	25.28	22.88	0.194	33.01	-10.13
		2511.0	-2.40	1/36	25.38	22.98	0.199	33.01	-10.03
		2593.0	-2.40	1/76	25.23	22.83	0.192	33.01	-10.18
30 MHz	π/2 BPSK	2675.0	-2.40	1/36	25.26	22.86	0.193	33.01	-10.15
		2593.0	-2.40	1/36	24.33	21.93	0.156	33.01	-11.08
		2511.0	-2.40	1/76	22.96	20.56	0.114	33.01	-12.45
		2511.0	-2.40	1/76	21.22	18.82	0.076	33.01	-14.19
		2513.5	-2.40	1/90	25.30	22.90	0.195	33.01	-10.11
	QPSK	2593.0	-2.40	1/45	25.24	22.84	0.192	33.01	-10.17
		2672.5	-2.40	1/45	25.37	22.97	0.198	33.01	-10.04
		2513.5	-2.40	1/45	25.47	23.07	0.203	33.01	-9.94
		2593.0	-2.40	1/45	25.33	22.93	0.196	33.01	-10.06
		2672.5	-2.40	1/45	25.31	22.91	0.195	33.01	-10.10
35 MHz	π/2 BPSK	2593.0	-2.40	1/45	25.31	22.91	0.195	33.01	-10.10
		2593.0	-2.40	1/45	23.01	20.61	0.115	33.01	-12.40
		2593.0	-2.40	1/45	21.30	18.90	0.078	33.01	-14.11
		2516.0	-2.40	1/50	25.53	23.13	0.206	33.01	-9.88
		2593.0	-2.40	1/50	25.30	22.90	0.195	33.01	-10.11
	QPSK	2670.0	-2.40	1/50	25.25	22.85	0.193	33.01	-10.16
		2516.0	-2.40	1/50	25.51	23.11	0.205	33.01	-9.90
		2593.0	-2.40	1/104	25.25	22.85	0.193	33.01	-10.16
		2670.0	-2.40	1/50	25.35	22.95	0.197	33.01	-10.06
		2593.0	-2.40	1/50	24.33	21.93	0.156	33.01	-11.08
40 MHz	π/2 BPSK	2516.0	-2.40	1/50	22.95	20.55	0.114	33.01	-12.46
		2593.0	-2.40	1/104	21.17	18.77	0.075	33.01	-14.26
		2516.0	-2.40	1/117	25.40	23.00	0.200	33.01	-10.01
		2593.0	-2.40	1/54	25.21	22.81	0.191	33.01	-10.20
		2667.5	-2.40	1/117	25.21	22.81	0.191	33.01	-10.20
	QPSK	2516.5	-2.40	1/54	25.41	23.01	0.200	33.01	-10.00
		2593.0	-2.40	1/117	25.43	23.03	0.201	33.01	-9.98
		2667.5	-2.40	1/54	25.19	22.79	0.190	33.01	-10.22
		2516.5	-2.40	1/54	24.51	22.11	0.163	33.01	-10.90
		2593.0	-2.40	1/54	22.97	20.57	0.114	33.01	-12.44
45 MHz	π/2 BPSK	2593.0	-2.40	1/117	21.12	18.72	0.074	33.01	-14.29
		2521.0	-2.40	1/64	25.27	22.87	0.194	33.01	-10.14
		2593.0	-2.40	1/64	25.22	22.82	0.191	33.01	-10.19
		2665.0	-2.40	1/64	25.38	22.98	0.199	33.01	-10.03
		2521.0	-2.40	1/64	25.36	22.96	0.198	33.01	-10.05
	QPSK	2593.0	-2.40	1/64	25.48	23.08	0.203	33.01	-9.95
		2665.0	-2.40	1/64	25.23	22.83	0.192	33.01	-10.18
		2665.0	-2.40	1/64	24.46	22.06	0.161	33.01	-10.86
		2521.0	-2.40	1/64	22.94	20.54	0.113	33.01	-12.47
		2521.0	-2.40	1/64	21.25	18.85	0.077	33.01	-14.16
50 MHz	π/2 BPSK	2526.0	-2.40	1/160	25.36	22.96	0.198	33.01	-10.05
		2593.0	-2.40	1/81	25.22	22.82	0.191	33.01	-10.19
		2660.0	-2.40	1/81	25.25	22.85	0.193	33.01	-10.16
		2526.0	-2.40	1/160	25.21	22.81	0.191	33.01	-10.20
		2593.0	-2.40	1/81	25.42	23.02	0.200	33.01	-9.99
	QPSK	2660.0	-2.40	1/81	25.28	22.88	0.193	33.01	-10.15
		2526.0	-2.40	1/81	24.46	22.06	0.161	33.01	-10.95
		2660.0	-2.40	1/81	23.15	20.75	0.119	33.01	-12.26
		2593.0	-2.40	1/187	21.23	18.83	0.076	33.01	-14.18
		2531.0	-2.40	1/187	25.23	22.83	0.192	33.01	-10.18
60 MHz	π/2 BPSK	2593.0	-2.40	1/187	25.27	22.87	0.194	33.01	-10.14
		2655.0	-2.40	1/90	25.37	22.97	0.198	33.01	-10.04
		2531.0	-2.40	1/90	25.34	22.94	0.197	33.01	-10.07
		2593.0	-2.40	1/90	25.27	22.87	0.194	33.01	-10.14
		2655.0	-2.40	1/90	25.21	22.81	0.191	33.01	-10.20
	QPSK	2531.0	-2.40	1/90	24.30	21.90	0.155	33.01	-11.11
		2531.0	-2.40	1/90	22.72	20.32	0.108	33.01	-12.69
		2531.0	-2.40	1/90	21.04	18.64	0.073	33.01	-14.37
		2536.0	-2.40	1/215	25.31	22.91	0.195	33.01	-10.10
		2593.0	-2.40	1/108	25.36	22.96	0.198	33.01	-10.05
80 MHz	π/2 BPSK	2695.0	-2.40	1/108	25.46	23.06	0.202	33.01	-9.95
		2536.0	-2.40	1/108	25.48	23.08	0.203	33.01	-9.93
		2593.0	-2.40	1/108	25.30	22.90	0.195	33.01	-10.11
		2650.0	-2.40	1/108	25.54	23.14	0.206	33.01	-9.87
		2650.0	-2.40	1/108	24.40	22.00	0.158	33.01	-11.01
	QPSK	2536.0	-2.40	1/108	22.85	20.45	0.111	33.01	-12.55
		2536.0	-2.40	1/215	21.13	18.73	0.075	33.01	-14.28
		2541.0	-2.40	1/243	25.22	22.82	0.191	33.01	-10.19
		2593.0	-2.40	1/120	25.40	23.00	0.200	33.01	-10.01
		2645.0	-2.40	1/120	25.23	22.83	0.192	33.01	-10.18
90 MHz	π/2 BPSK	2541.0	-2.40	1/120	25.37	22.97	0.198	33.01	-10.04
		2593.0	-2.40	1/243	25.44	23.04	0.201	33.01	-9.97
		2645.0	-2.40	1/120	25.57	23.17	0.207	33.01	-9.84
		2593.0	-2.40	1/120	24.37	21.97	0.157	33.01	-11.04
		2645.0	-2.40	1/120	23.05	20.65	0.116	33.01	-12.36
	QPSK	2593.0	-2.40	1/120	21.25	18.85	0.077	33.01	-14.16
		2645.0	-2.40	1/135	25.46	23.06	0.202	33.01	-9.96
		2593.0	-2.40	1/271	25.37	22.97	0.198	33.01	-10.04
		2640.0	-2.40	1/135	25.50	23.10	0.204	33.01	-9.91
		2546.0	-2.40	1/271	25.31	22.91	0.195	33.01	-10.10
100 MHz	QPSK	2593.0	-2.40	1/135	25.34	22.94	0.197	33.01	-10.07
		2640.0	-2.40	1/135	25.48	23.08	0.203	33.01	-9.93
		2546.0	-2.40	1/135	24.35	21.95	0.157	33.01	-11.06
		2546.0	-2.40	1/271	22.99	20.59	0.115	33.01	-12.42

ULCA LTE 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	23.81	-1.60	22.21	0.166	33.01	-10.80		
				21100	2535.0	1	99		21298	2554.8	1	0	23.83	-1.60	22.23	0.167	33.01	-10.78		
				21350	2560.0	1	0		21152	2540.2	1	99	23.77	-1.60	22.17	0.165	33.01	-10.84		
			QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	23.18	-1.60	21.58	0.144	33.01	-11.43		
				16-QAM	21100	2535	100		0	16-QAM	21298	2554.8	100	0	22.18	-1.60	20.58	0.114	33.01	-12.43
				64-QAM	21100	2535	100		0	64-QAM	21298	2554.8	100	0	21.26	-1.60	19.66	0.092	33.01	-13.35
				256-QAM	21100	2535	100		0	256-QAM	21298	2554.8	100	0	19.20	-1.60	17.60	0.058	33.01	-15.41

Table 7-43. Antenna 2b EIRP Data (ULCA LTE Band 7)

ULCA LTE 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	27.15	-2.40	24.75	0.299	33.01	-8.26
				40620	2593.0	1	99		40818	2612.8	1	0	27.91	-2.40	25.51	0.356	33.01	-7.50
				41490	2680.0	1	0		41292	2660.2	1	99	27.13	-2.40	24.73	0.297	33.01	-8.28
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	27.12	-2.40	24.72	0.296	33.01	-8.29
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	26.30	-2.40	23.90	0.245	33.01	-9.11
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	25.22	-2.40	22.82	0.191	33.01	-10.19
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	22.31	-2.40	19.91	0.098	33.01	-13.10

Table 7-44. Antenna 2b EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE 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	24.52	-2.40	22.12	0.163	33.01	-10.89
			QPSK	40620	2593.0	1	99		40818	2612.8	1	0	25.33	-2.40	22.93	0.196	33.01	-10.08
			QPSK	41490	2680.0	1	0		41292	2660.2	1	99	24.30	-2.40	21.90	0.155	33.01	-11.11
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.27	-2.40	21.87	0.154	33.01	-11.14
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.28	-2.40	20.88	0.122	33.01	-12.13
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.37	-2.40	19.97	0.099	33.01	-13.04
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.39	-2.40	16.99	0.050	33.01	-16.02

Table 7-45. Antenna 2b EIRP Data (ULCA LTE Band 41 (PC3))

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7.6 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.

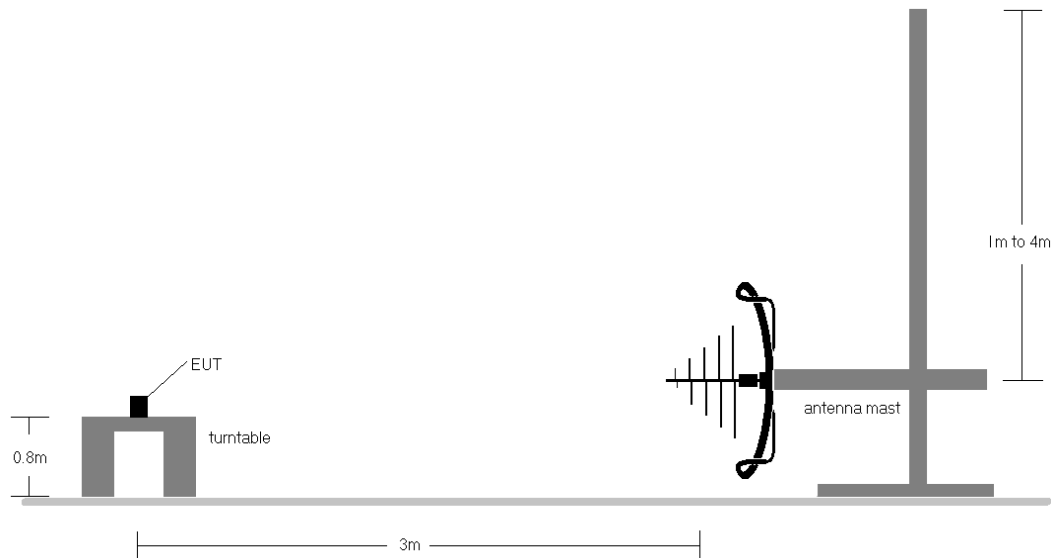


Figure 7-9. Test Instrument & Measurement Setup < 1GHz

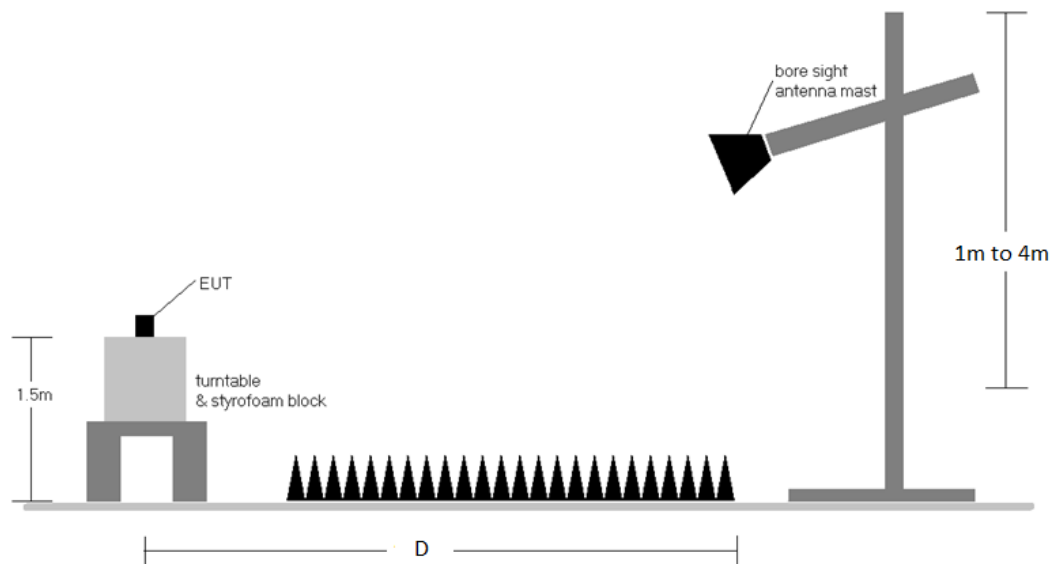


Figure 7-10. Test Instrument & Measurement Setup >1 GHz

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Test Notes

1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 D01 v03r01 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.
14. Pre-scan plots have been reported for the highest power antenna while measurements have been reported for all antennas.

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7.6.1 Antenna 4b 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-77.46	2.89	32.43	-62.83	-40.00	-22.83
6922.5	H	-	-	-77.85	5.39	34.54	-60.72	-40.00	-20.72
9230.0	H	-	-	-77.91	6.29	35.38	-59.88	-40.00	-19.88

Table 7-46. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-77.07	2.74	32.66	-62.59	-40.00	-22.59
6930.0	H	-	-	-78.02	5.48	34.45	-60.81	-40.00	-20.81
9240.0	V	-	-	-78.03	6.23	35.21	-60.05	-40.00	-20.05

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

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

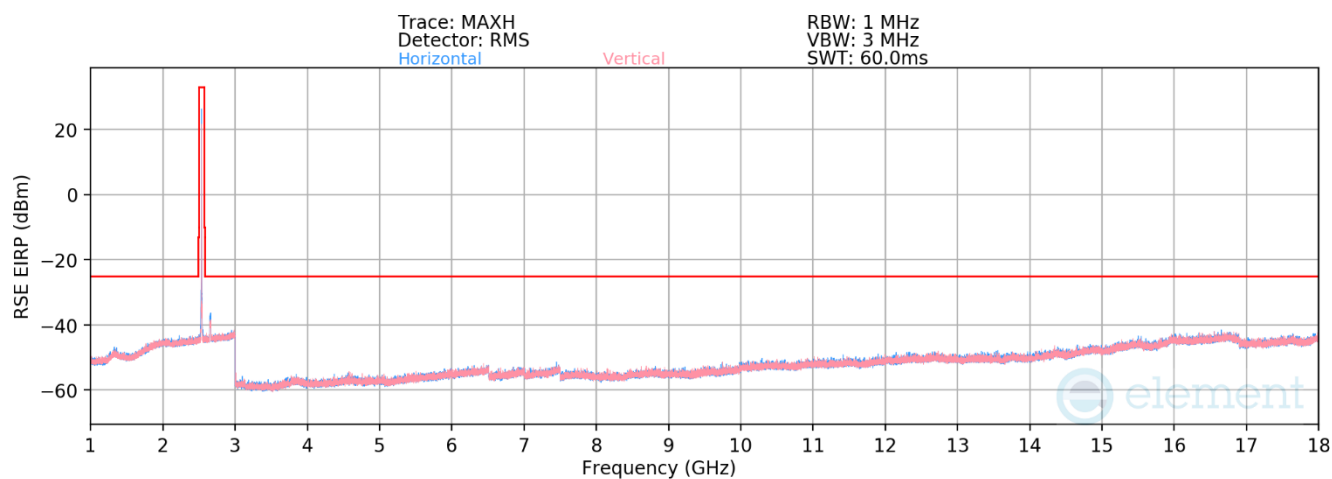
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	V	-	-	-77.41	2.91	32.50	-62.75	-40.00	-22.75
6937.50	V	-	-	-78.14	5.66	34.52	-60.74	-40.00	-20.74
9250.00	V	-	-	-78.22	6.23	35.01	-60.25	-40.00	-20.25

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

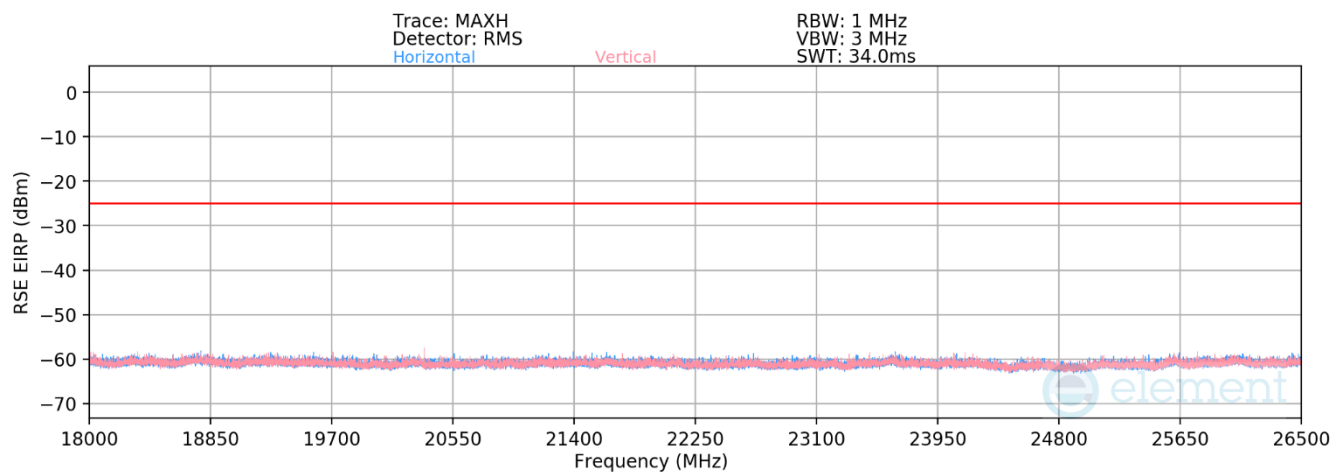
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LTE Band 7



Plot 7-404. Antenna 4b Radiated Spurious Plot 1GHz – 18GHz (LTE Band 7)



Plot 7-405. Antenna 4b Radiated Spurious Emission above 18GHz (LTE Band 7)

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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-77.33	2.77	32.44	-62.81	-25.00	-37.81
7530.0	V	-	-	-78.52	5.72	34.21	-61.05	-25.00	-36.05
10040.0	V	-	-	-78.59	7.71	36.12	-59.14	-25.00	-34.14

Table 7-49. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.62	3.07	32.45	-62.81	-25.00	-37.81
7605.0	H	-	-	-78.51	6.19	34.68	-60.58	-25.00	-35.58
10140.0	H	-	-	-78.75	7.96	36.21	-59.04	-25.00	-34.04

Table 7-50. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-77.75	3.20	32.45	-62.81	-25.00	-37.81
7680.00	H	-	-	-78.10	5.81	34.71	-60.55	-25.00	-35.55
10240.00	H	-	-	-79.26	8.31	36.05	-59.21	-25.00	-34.21

Table 7-51. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-76.81	2.77	32.97	-62.29	-25.00	-37.29
7518.0	V	-	-	-77.83	5.67	34.84	-60.42	-25.00	-35.42
10024.0	V	-	-	-78.11	7.98	36.87	-58.38	-25.00	-33.38

Table 7-52. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-77.21	3.16	32.95	-62.31	-25.00	-37.31
7779.0	H	-	-	-77.46	5.69	35.23	-60.03	-25.00	-35.03
10372.0	H	-	-	-77.91	8.45	37.54	-57.71	-25.00	-32.71

Table 7-53. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-76.95	3.26	33.30	-61.95	-25.00	-36.95
8040.0	V	-	-	-77.65	5.85	35.20	-60.06	-25.00	-35.06
10720.0	H	-	-	-78.83	9.10	37.27	-57.98	-25.00	-32.98

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

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NR Band n30

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-78.51	4.72	33.21	-62.05	-40.00	-22.05
6922.5	H	-	-	-79.62	9.51	36.89	-58.36	-40.00	-18.36
9230.0	H	-	-	-80.49	11.17	37.68	-57.58	-40.00	-17.58

Table 7-55. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-78.51	4.72	33.21	-62.05	-40.00	-22.05
6930.0	V	-	-	-79.95	9.88	36.93	-58.33	-40.00	-18.33
9240.0	H	-	-	-80.04	11.17	38.13	-57.13	-40.00	-17.13

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

Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

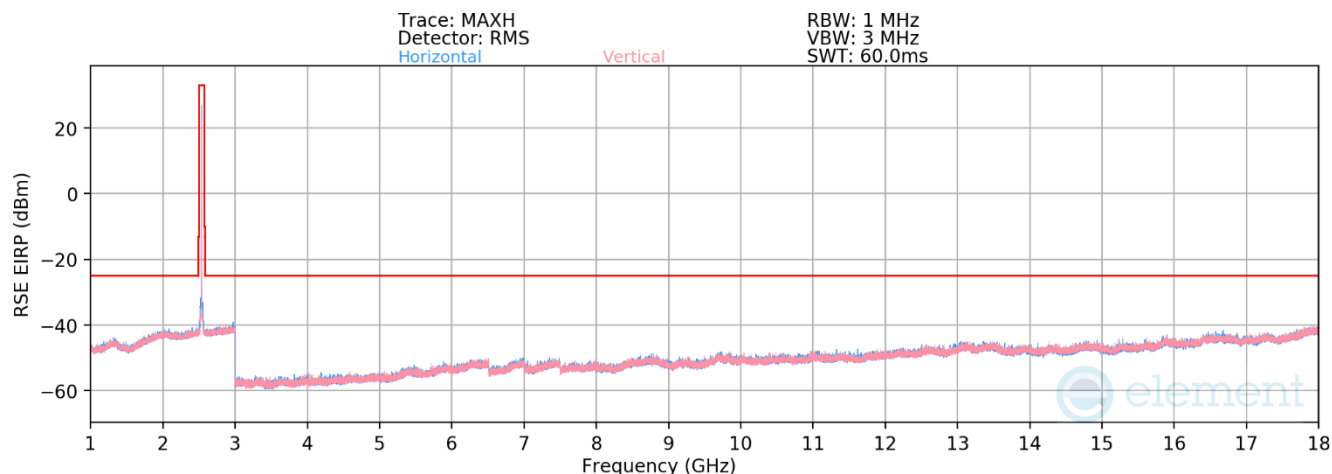
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-78.31	4.72	33.41	-61.84	-40.00	-21.84
6937.5	H	-	-	-79.93	9.88	36.95	-58.31	-40.00	-18.31
9250.0	V	-	-	-79.91	11.05	38.13	-57.12	-40.00	-17.12

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

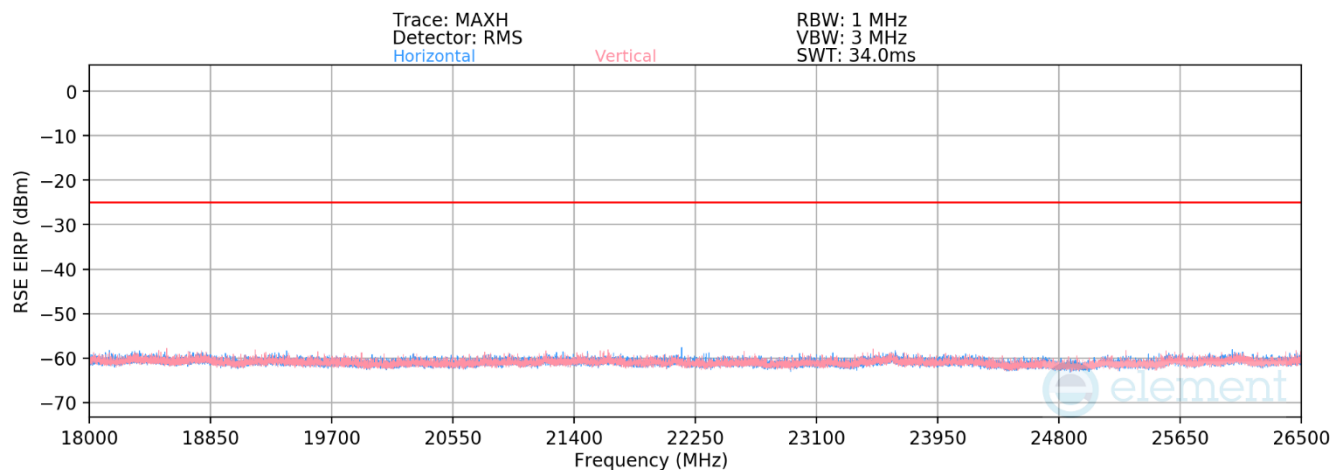
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NR Band n7



Plot 7-406. Antenna 4b Radiated Spurious Plot 1GHz – 18GHz (NR Band n7)



Plot 7-407. Antenna 4b Radiated Spurious Emission above 18GHz (NR Band n7)

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Bandwidth (MHz):	50
Frequency (MHz):	2525.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5050.0	V	-	-	-78.74	5.29	33.56	-61.70	-25.00	-36.70
7575.0	H	-	-	-79.44	9.09	36.65	-58.60	-25.00	-33.60
10100.0	H	-	-	-80.33	11.75	38.41	-56.84	-25.00	-31.84

Table 7-58. Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	50
Frequency (MHz):	2535.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-78.78	5.49	33.71	-61.55	-25.00	-36.55
7605.0	H	-	-	-79.63	9.40	36.77	-58.49	-25.00	-33.49
10140.0	H	-	-	-80.09	11.79	38.70	-56.56	-25.00	-31.56

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

Bandwidth (MHz):	50
Frequency (MHz):	2545.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5090.0	H	-	-	-78.87	5.42	33.56	-61.70	-25.00	-36.70
7635.0	V	-	-	-79.74	9.53	36.79	-58.46	-25.00	-33.46
10180.0	H	-	-	-80.40	11.80	38.39	-56.86	-25.00	-31.86

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

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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-76.98	3.07	33.09	-62.17	-25.00	-37.17
7638.0	H	-	-	-77.83	5.86	35.04	-60.22	-25.00	-35.22
10184.0	V	-	-	-78.52	8.40	36.88	-58.38	-25.00	-33.38

Table 7-61. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-77.91	5.11	34.20	-61.05	-25.00	-36.05
7779.0	V	-	-	-79.22	9.72	37.50	-57.76	-25.00	-32.76
10372.0	H	-	-	-79.33	11.58	39.25	-56.01	-25.00	-31.01

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

Bandwidth (MHz):	100
Frequency (MHz):	2640.0
RB / Offset:	1 / 136

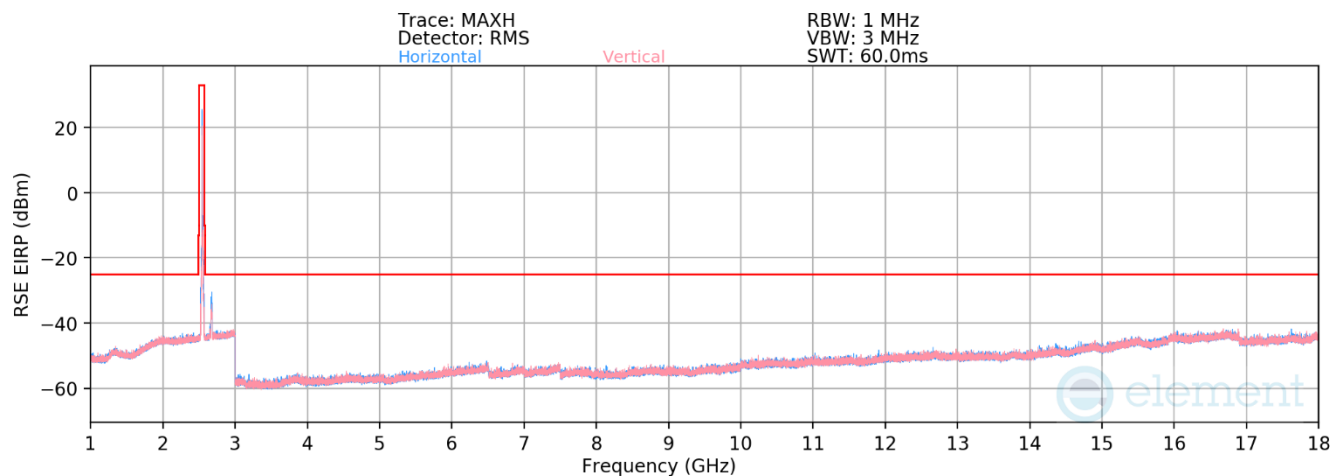
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-77.90	5.66	34.75	-60.50	-25.00	-35.50
7920.0	V	-	-	-79.35	9.52	37.17	-58.09	-25.00	-33.09
10560.0	V	-	-	-80.11	12.84	39.73	-55.53	-25.00	-30.53

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

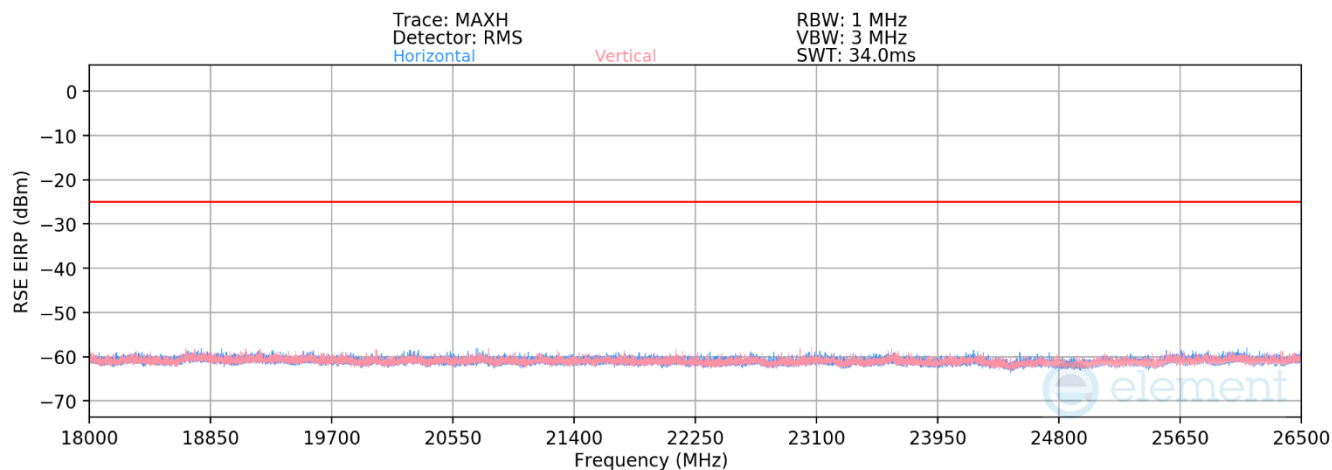
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ULCA - LTE Band 7



Plot 7-408. Antenna 4b Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 7)



Plot 7-409. Antenna 4b Radiated Spurious Emission above 18GHz (ULCA LTE Band 7)

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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-77.42	2.77	32.35	-62.91	-25.00	-37.91
7530.0	H	-	-	-78.76	6.19	34.43	-60.83	-25.00	-35.83
10040.0	H	-	-	-78.83	8.23	36.40	-58.86	-25.00	-33.86

Table 7-64. Radiated Spurious Data (ULCA LTE Band 7 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.71	3.07	32.36	-62.90	-25.00	-37.90
7605.0	V	-	-	-78.32	5.86	34.55	-60.71	-25.00	-35.71
10140.0	H	-	-	-78.15	7.96	36.81	-58.45	-25.00	-33.45

Table 7-65. Radiated Spurious Data (ULCA LTE Band 7 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	V	-	-	-77.57	2.95	32.38	-62.88	-25.00	-37.88
7680.0	V	-	-	-78.37	5.86	34.49	-60.77	-25.00	-35.77
10240.0	V	-	-	-77.93	8.13	37.20	-58.06	-25.00	-33.06

Table 7-66. Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

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ULCA - LTE Band 41

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-77.04	2.96	32.92	-62.33	-25.00	-37.33
7518.0	V	-	-	-78.00	6.01	35.01	-60.25	-25.00	-35.25
10024.0	H	-	-	-78.21	8.23	37.01	-58.25	-25.00	-33.25

Table 7-67. Radiated Spurious Data (ULCA LTE Band 41 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.41	3.38	32.97	-62.29	-25.00	-37.29
7779.0	H	-	-	-77.49	5.71	35.22	-60.04	-25.00	-35.04
10372.0	V	-	-	-77.91	8.64	37.74	-57.52	-25.00	-32.52

Table 7-68. Radiated Spurious Data (ULCA LTE Band 41 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-77.18	3.28	33.10	-62.16	-25.00	-37.16
8040.0	V	-	-	-77.80	5.77	34.96	-60.29	-25.00	-35.29
10720.0	H	-	-	-78.61	9.10	37.50	-57.76	-25.00	-32.76

Table 7-69. Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

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7.6.2 Antenna 1 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-77.24	2.74	32.49	-62.76	-40.00	-22.76
6922.5	V	-	-	-77.90	5.39	34.50	-60.76	-40.00	-20.76
9230.0	V	-	-	-78.15	6.29	35.14	-60.12	-40.00	-20.12

Table 7-70. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-77.28	2.74	32.46	-62.80	-40.00	-22.80
6930.0	V	-	-	-78.07	5.48	34.40	-60.85	-40.00	-20.85
9240.0	V	-	-	-78.20	6.35	35.15	-60.11	-40.00	-20.11

Table 7-71. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	V	-	-	-77.26	2.91	32.65	-62.61	-40.00	-22.61
6937.50	H	-	-	-78.11	5.66	34.55	-60.71	-40.00	-20.71
9250.00	V	-	-	-78.04	6.23	35.19	-60.07	-40.00	-20.07

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

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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.44	2.77	32.33	-62.93	-25.00	-37.93
7530.0	V	-	-	-78.48	5.73	34.25	-61.01	-25.00	-36.01
10040.0	V	-	-	-78.65	7.71	36.06	-59.20	-25.00	-34.20

Table 7-73. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.40	2.96	32.56	-62.70	-25.00	-37.70
7605.0	H	-	-	-78.76	6.19	34.43	-60.82	-25.00	-35.82
10140.0	H	-	-	-78.96	7.85	35.89	-59.37	-25.00	-34.37

Table 7-74. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	V	-	-	-77.64	3.03	32.39	-62.87	-25.00	-37.87
7680.00	H	-	-	-78.19	5.88	34.69	-60.57	-25.00	-35.57
10240.00	H	-	-	-79.45	8.40	35.94	-59.32	-25.00	-34.32

Table 7-75. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-76.75	2.69	32.93	-62.32	-25.00	-37.32
7518.0	V	-	-	-77.84	5.72	34.88	-60.37	-25.00	-35.37
10024.0	V	-	-	-77.82	7.98	37.16	-58.10	-25.00	-33.10

Table 7-76. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-77.47	3.32	32.85	-62.41	-25.00	-37.41
7779.0	H	-	-	-77.61	5.89	35.28	-59.97	-25.00	-34.97
10372.0	H	-	-	-78.07	8.45	37.39	-57.87	-25.00	-32.87

Table 7-77. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-76.86	3.26	33.39	-61.87	-25.00	-36.87
8040.0	H	-	-	-77.71	5.85	35.14	-60.11	-25.00	-35.11
10720.0	V	-	-	-78.92	9.10	37.18	-58.08	-25.00	-33.08

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n30

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-78.55	4.60	33.05	-62.20	-40.00	-22.20
6922.5	H	-	-	-79.94	9.59	36.65	-58.61	-40.00	-18.61
9230.0	V	-	-	-80.34	11.17	37.82	-57.43	-40.00	-17.43

Table 7-79. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-78.74	4.86	33.12	-62.14	-40.00	-22.14
6930.0	H	-	-	-79.92	9.51	36.59	-58.66	-40.00	-18.66
9240.0	H	-	-	-80.27	11.17	37.90	-57.36	-40.00	-17.36

Table 7-80. Radiated Spurious Data (NR Band n30 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-78.66	4.86	33.20	-62.05	-40.00	-22.05
6937.5	V	-	-	-79.58	9.44	36.87	-58.39	-40.00	-18.39
9250.0	V	-	-	-80.00	10.93	37.93	-57.32	-40.00	-17.32

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

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NR Band n7

Bandwidth (MHz):	50
Frequency (MHz):	2525.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5050.0	V	-	-	-78.36	4.92	33.56	-61.70	-25.00	-36.70
7575.0	V	-	-	-79.76	9.13	36.37	-58.89	-25.00	-33.89
10100.0	V	-	-	-80.46	11.74	38.28	-56.98	-25.00	-31.98

Table 7-82. Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	50
Frequency (MHz):	2535.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-79.02	5.61	33.58	-61.67	-25.00	-36.67
7605.0	V	-	-	-79.73	9.46	36.73	-58.53	-25.00	-33.53
10140.0	V	-	-	-80.15	11.79	38.63	-56.63	-25.00	-31.63

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

Bandwidth (MHz):	50
Frequency (MHz):	2545.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5090.0	V	-	-	-79.03	5.50	33.47	-61.79	-25.00	-36.79
7635.0	H	-	-	-79.93	9.46	36.53	-58.73	-25.00	-33.73
10180.0	V	-	-	-80.41	11.91	38.50	-56.76	-25.00	-31.76

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

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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-77.24	3.07	32.84	-62.42	-25.00	-37.42
7638.0	H	-	-	-77.83	5.86	35.03	-60.22	-25.00	-35.22
10184.0	V	-	-	-78.60	8.38	36.79	-58.47	-25.00	-33.47

Table 7-85. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-78.08	5.13	34.05	-61.20	-25.00	-36.20
7779.0	V	-	-	-79.20	9.72	37.52	-57.73	-25.00	-32.73
10372.0	V	-	-	-79.13	11.58	39.45	-55.81	-25.00	-30.81

Table 7-86. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	V	-	-	-77.92	5.62	34.70	-60.56	-25.00	-35.56
7920.0	V	-	-	-79.41	9.54	37.13	-58.13	-25.00	-33.13
10560.0	V	-	-	-80.03	12.71	39.68	-55.58	-25.00	-30.58

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.53	2.82	32.29	-62.96	-25.00	-37.96
7530.0	H	-	-	-78.74	6.01	34.26	-60.99	-25.00	-35.99
10040.0	H	-	-	-78.91	8.23	36.31	-58.94	-25.00	-33.94

Table 7-88. Radiated Spurious Data (ULCA LTE Band 7 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.58	3.07	32.49	-62.77	-25.00	-37.77
7605.0	H	-	-	-78.27	5.86	34.59	-60.67	-25.00	-35.67
10140.0	V	-	-	-78.34	8.13	36.79	-58.47	-25.00	-33.47

Table 7-89. Radiated Spurious Data (ULCA LTE Band 7 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	V	-	-	-77.54	2.99	32.44	-62.81	-25.00	-37.81
7680.0	H	-	-	-78.54	5.98	34.45	-60.81	-25.00	-35.81
10240.0	H	-	-	-78.70	8.40	36.70	-58.56	-25.00	-33.56

Table 7-90. Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-76.72	2.69	32.97	-62.29	-25.00	-37.29
7518.0	H	-	-	-78.00	6.01	35.01	-60.25	-25.00	-35.25
10024.0	V	-	-	-78.16	8.23	37.07	-58.19	-25.00	-33.19

Table 7-91. Radiated Spurious Data (ULCA LTE Band 41 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.28	3.38	33.10	-62.16	-25.00	-37.16
7779.0	H	-	-	-77.55	5.71	35.16	-60.10	-25.00	-35.10
10372.0	V	-	-	-77.79	8.64	37.86	-57.40	-25.00	-32.40

Table 7-92. Radiated Spurious Data (ULCA LTE Band 41 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-77.04	3.11	33.07	-62.19	-25.00	-37.19
8040.0	H	-	-	-78.10	5.85	34.75	-60.50	-25.00	-35.50
10720.0	H	-	-	-78.71	9.10	37.39	-57.87	-25.00	-32.87

Table 7-93. Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT						Approved by: Technical Manager
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7.6.3 Antenna 3 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-77.07	2.89	32.82	-62.44	-40.00	-22.44
6922.5	V	-	-	-77.75	5.36	34.61	-60.64	-40.00	-20.64
9230.0	V	-	-	-77.90	6.29	35.39	-59.86	-40.00	-19.86

Table 7-94. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-76.87	2.74	32.86	-62.39	-40.00	-22.39
6930.0	H	-	-	-77.86	5.39	34.53	-60.72	-40.00	-20.72
9240.0	H	-	-	-78.06	6.35	35.29	-59.97	-40.00	-19.97

Table 7-95. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-76.83	2.91	33.08	-62.18	-40.00	-22.18
6937.50	H	-	-	-78.12	5.66	34.54	-60.72	-40.00	-20.72
9250.00	H	-	-	-78.10	6.30	35.20	-60.06	-40.00	-20.06

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.22	2.69	32.47	-62.79	-25.00	-37.79
7530.0	H	-	-	-78.64	5.85	34.22	-61.04	-25.00	-36.04
10040.0	H	-	-	-78.82	7.85	36.03	-59.23	-25.00	-34.23

Table 7-97. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.31	2.96	32.66	-62.60	-25.00	-37.60
7605.0	H	-	-	-78.56	6.16	34.60	-60.65	-25.00	-35.65
10140.0	V	-	-	-78.72	7.96	36.24	-59.02	-25.00	-34.02

Table 7-98. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	V	-	-	-77.71	3.20	32.49	-62.77	-25.00	-37.77
7680.00	H	-	-	-77.75	5.81	35.06	-60.20	-25.00	-35.20
10240.00	V	-	-	-79.41	8.40	35.99	-59.27	-25.00	-34.27

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-76.76	2.69	32.93	-62.33	-25.00	-37.33
7518.0	H	-	-	-77.65	5.69	35.04	-60.22	-25.00	-35.22
10024.0	V	-	-	-77.82	7.80	36.98	-58.28	-25.00	-33.28

Table 7-100. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.09	3.16	33.07	-62.19	-25.00	-37.19
7779.0	H	-	-	-77.22	5.54	35.33	-59.93	-25.00	-34.93
10372.0	H	-	-	-77.93	8.44	37.51	-57.75	-25.00	-32.75

Table 7-101. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-76.89	3.26	33.36	-61.89	-25.00	-36.89
8040.0	H	-	-	-77.78	5.85	35.08	-60.18	-25.00	-35.18
10720.0	V	-	-	-78.65	9.10	37.45	-57.80	-25.00	-32.80

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n30

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-78.34	4.72	33.38	-61.88	-40.00	-21.88
6922.5	V	-	-	-79.39	9.44	37.05	-58.21	-40.00	-18.21
9230.0	V	-	-	-80.22	11.15	37.93	-57.33	-40.00	-17.33

Table 7-103. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-78.52	4.86	33.34	-61.92	-40.00	-21.92
6930.0	V	-	-	-79.68	9.44	36.76	-58.49	-40.00	-18.49
9240.0	H	-	-	-80.28	11.15	37.87	-57.39	-40.00	-17.39

Table 7-104. Radiated Spurious Data (NR Band n30 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-78.61	4.86	33.25	-62.01	-40.00	-22.01
6937.5	V	-	-	-79.61	9.44	36.83	-58.43	-40.00	-18.43
9250.0	H	-	-	-79.99	11.05	38.06	-57.20	-40.00	-17.20

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7

Bandwidth (MHz):	50
Frequency (MHz):	2525.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5050.0	H	-	-	-78.25	4.92	33.67	-61.59	-25.00	-36.59
7575.0	V	-	-	-79.68	9.29	36.61	-58.65	-25.00	-33.65
10100.0	V	-	-	-80.34	11.75	38.40	-56.85	-25.00	-31.85

Table 7-106. Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	50
Frequency (MHz):	2535.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-78.67	5.29	33.62	-61.63	-25.00	-36.63
7605.0	V	-	-	-79.46	9.46	37.00	-58.26	-25.00	-33.26
10140.0	V	-	-	-80.13	11.79	38.65	-56.60	-25.00	-31.60

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

Bandwidth (MHz):	50
Frequency (MHz):	2545.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5090.0	V	-	-	-78.83	5.61	33.77	-61.48	-25.00	-36.48
7635.0	H	-	-	-80.06	9.74	36.67	-58.58	-25.00	-33.58
10180.0	V	-	-	-80.40	11.96	38.56	-56.70	-25.00	-31.70

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-77.02	3.07	33.05	-62.20	-25.00	-37.20
7638.0	V	-	-	-77.61	5.86	35.25	-60.00	-25.00	-35.00
10184.0	H	-	-	-78.60	8.40	36.79	-58.46	-25.00	-33.46

Table 7-109. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.92	5.11	34.20	-61.06	-25.00	-36.06
7779.0	V	-	-	-79.21	9.72	37.51	-57.75	-25.00	-32.75
10372.0	V	-	-	-79.15	11.58	39.42	-55.83	-25.00	-30.83

Table 7-110. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-78.01	5.62	34.61	-60.65	-25.00	-35.65
7920.0	V	-	-	-79.43	9.56	37.12	-58.13	-25.00	-33.13
10560.0	V	-	-	-80.10	12.95	39.85	-55.41	-25.00	-30.41

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 7

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.24	2.69	32.45	-62.80	-25.00	-37.80
7530.0	H	-	-	-78.68	6.01	34.32	-60.93	-25.00	-35.93
10040.0	V	-	-	-78.52	7.99	36.47	-58.79	-25.00	-33.79

Table 7-112. Radiated Spurious Data (ULCA LTE Band 7 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.63	3.07	32.44	-62.82	-25.00	-37.82
7605.0	H	-	-	-78.47	5.87	34.40	-60.86	-25.00	-35.86
10140.0	H	-	-	-78.31	8.13	36.83	-58.43	-25.00	-33.43

Table 7-113. Radiated Spurious Data (ULCA LTE Band 7 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-77.77	3.03	32.26	-63.00	-25.00	-38.00
7680.0	V	-	-	-78.40	5.98	34.59	-60.67	-25.00	-35.67
10240.0	V	-	-	-78.70	8.40	36.69	-58.56	-25.00	-33.56

Table 7-114. Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 295 of 317

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ULCA - LTE Band 41

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-77.06	2.96	32.91	-62.35	-25.00	-37.35
7518.0	V	-	-	-78.04	6.01	34.97	-60.29	-25.00	-35.29
10024.0	H	-	-	-78.36	8.23	36.87	-58.39	-25.00	-33.39

Table 7-115. Radiated Spurious Data (ULCA LTE Band 41 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.03	3.16	33.13	-62.13	-25.00	-37.13
7779.0	V	-	-	-77.45	5.71	35.25	-60.00	-25.00	-35.00
10372.0	H	-	-	-77.83	8.45	37.62	-57.63	-25.00	-32.63

Table 7-116. Radiated Spurious Data (ULCA LTE Band 41 – 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

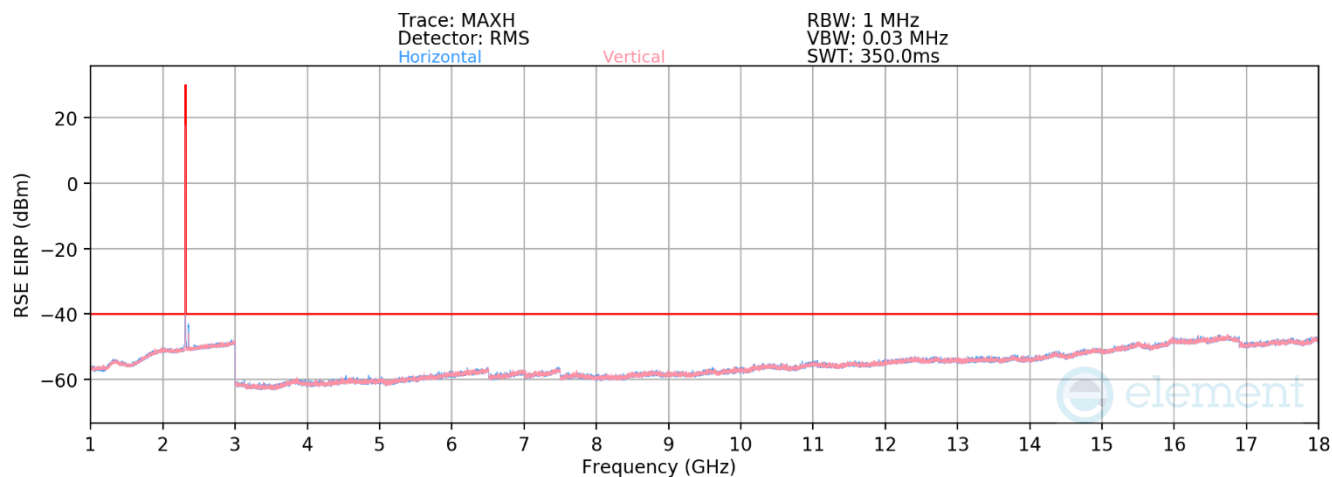
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-77.30	3.38	33.08	-62.18	-25.00	-37.18
8040.0	V	271	131	-74.62	5.85	38.24	-57.02	-25.00	-32.02
10720.0	H	-	-	-78.47	8.97	37.50	-57.75	-25.00	-32.75
13400.0	V	-	-	-79.98	13.10	40.12	-55.14	-25.00	-30.14
16080.0	V	-	-	-80.59	18.35	44.77	-50.49	-25.00	-25.49

Table 7-117. Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

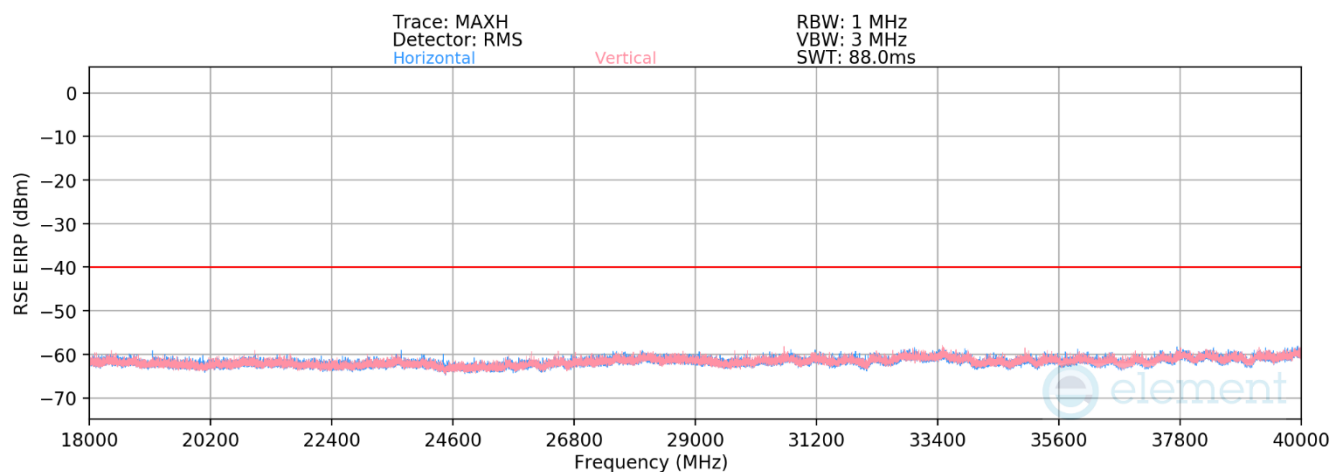
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 296 of 317

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7.6.4 Antenna 2b Radiated Spurious Emission Measurements



Plot 7-410. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (LTE Band 30)



Plot 7-411. Antenna 2b Radiated Spurious Emission above 18GHz (LTE Band 30)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device
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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-77.39	2.88	32.49	-62.76	-40.00	-22.76
6922.5	H	-	-	-77.92	5.39	34.48	-60.78	-40.00	-20.78
9230.0	H	-	-	-77.95	6.35	35.40	-59.85	-40.00	-19.85

Table 7-118. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-77.33	2.74	32.40	-62.85	-40.00	-22.85
6930.0	H	-	-	-77.79	5.36	34.57	-60.69	-40.00	-20.69
9240.0	H	-	-	-78.60	6.35	34.75	-60.51	-40.00	-20.51

Table 7-119. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	V	-	-	-77.28	2.74	32.45	-62.81	-40.00	-22.81
6937.50	V	-	-	-78.17	5.66	34.49	-60.77	-40.00	-20.77
9250.00	V	-	-	-78.26	6.23	34.97	-60.29	-40.00	-20.29

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 298 of 317

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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.56	2.77	32.21	-63.04	-25.00	-38.04
7530.0	H	-	-	-78.48	5.72	34.24	-61.02	-25.00	-36.02
10040.0	H	-	-	-78.67	7.71	36.03	-59.22	-25.00	-34.22

Table 7-121. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.50	3.07	32.57	-62.69	-25.00	-37.69
7605.0	V	-	-	-78.55	6.07	34.52	-60.73	-25.00	-35.73
10140.0	H	-	-	-79.21	8.13	35.93	-59.33	-25.00	-34.33

Table 7-122. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	V	-	-	-77.44	2.95	32.50	-62.75	-25.00	-37.75
7680.00	V	-	-	-78.14	5.86	34.72	-60.54	-25.00	-35.54
10240.00	H	-	-	-79.54	8.40	35.86	-59.40	-25.00	-34.40

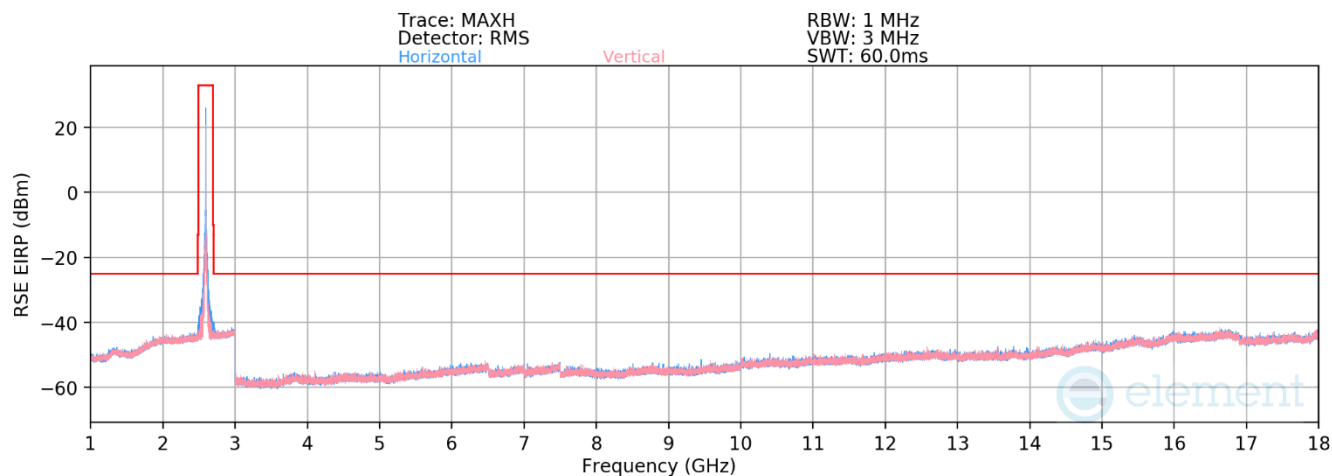
Table 7-123. Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 299 of 317

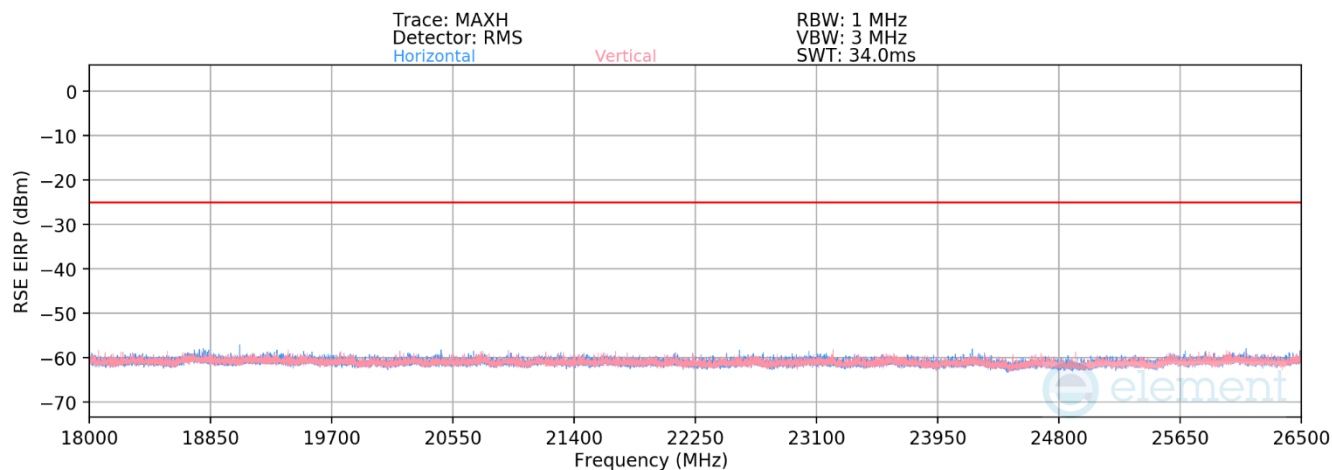
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LTE Band 41



Plot 7-412. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (LTE Band 41)



Plot 7-413. Antenna 2b Radiated Spurious Emission above 18GHz (LTE Band 41)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 300 of 317

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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-77.05	2.79	32.74	-62.52	-25.00	-37.52
7518.0	V	-	-	-77.90	5.69	34.80	-60.46	-25.00	-35.46
10024.0	H	-	-	-77.86	7.71	36.85	-58.41	-25.00	-33.41

Table 7-124. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.07	3.16	33.09	-62.17	-25.00	-37.17
7779.0	H	-	-	-77.56	5.89	35.33	-59.93	-25.00	-34.93
10372.0	H	-	-	-77.90	8.40	37.51	-57.75	-25.00	-32.75

Table 7-125. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-76.92	3.26	33.34	-61.92	-25.00	-36.92
8040.0	H	-	-	-78.01	5.81	34.79	-60.47	-25.00	-35.47
10720.0	H	-	-	-79.09	9.13	37.04	-58.22	-25.00	-33.22

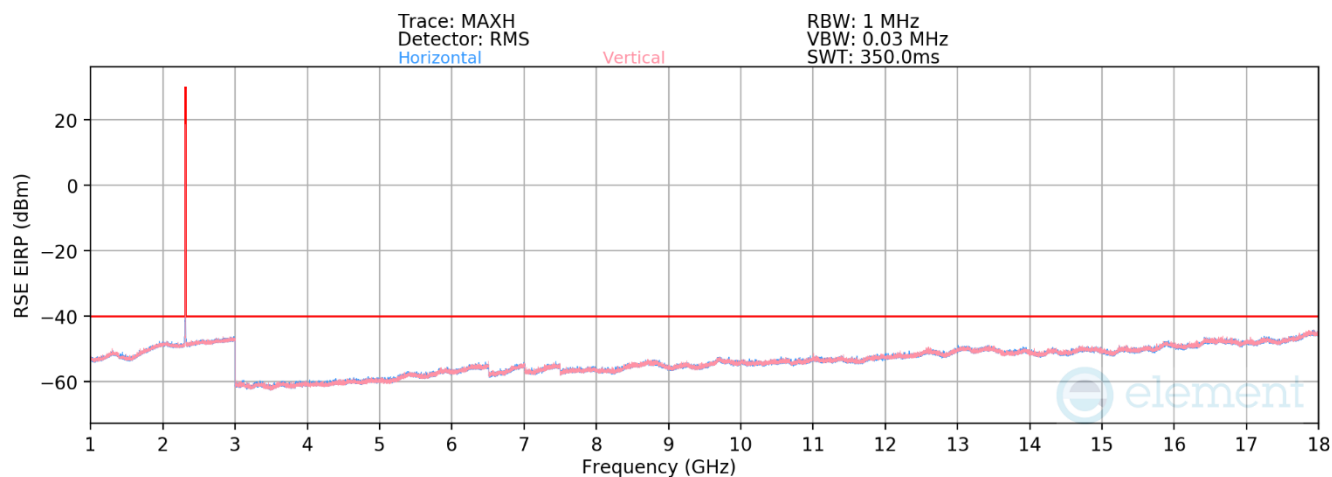
Table 7-126. Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 301 of 317

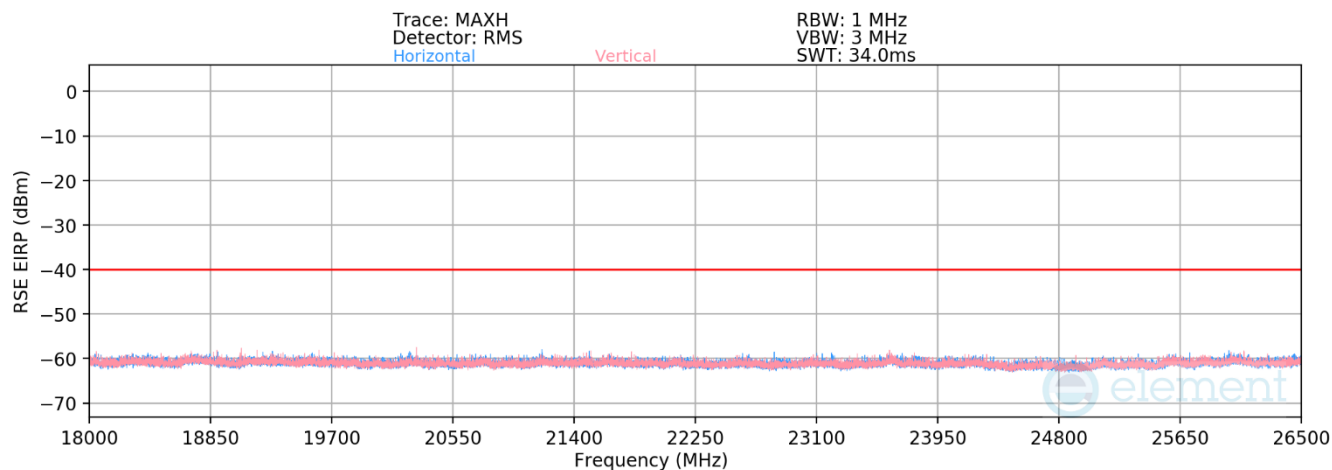
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NR Band n30



Plot 7-414. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (NR Band n30)



Plot 7-415. Antenna 2b Radiated Spurious Emission above 18GHz (NR Band n30)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 302 of 317

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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-78.79	4.80	33.02	-62.24	-40.00	-22.24
6922.5	V	-	-	-79.91	9.59	36.68	-58.58	-40.00	-18.58
9230.0	V	-	-	-80.26	11.17	37.91	-57.35	-40.00	-17.35

Table 7-127. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-78.33	4.72	33.39	-61.87	-40.00	-21.87
6930.0	H	-	-	-79.67	9.44	36.78	-58.48	-40.00	-18.48
9240.0	H	-	-	-80.24	11.17	37.92	-57.33	-40.00	-17.33

Table 7-128. Radiated Spurious Data (NR Band n30 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	V	-	-	-78.33	4.29	32.96	-62.30	-40.00	-22.30
6937.5	V	-	-	-79.91	9.32	36.40	-58.85	-40.00	-18.85
9250.0	H	-	-	-79.67	9.83	37.16	-58.10	-40.00	-18.10

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-10-R1.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 303 of 317

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NR Band n7

Bandwidth (MHz):	50
Frequency (MHz):	2525.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5050.0	V	-	-	-78.94	5.29	33.35	-61.90	-25.00	-36.90
7575.0	V	-	-	-79.59	9.19	36.60	-58.66	-25.00	-33.66
10100.0	H	-	-	-80.42	11.57	38.15	-57.10	-25.00	-32.10

Table 7-130. Radiated Spurious Data (NR Band n7 – Low Channel)

Bandwidth (MHz):	50
Frequency (MHz):	2535.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-79.03	5.61	33.58	-61.68	-25.00	-36.68
7605.0	H	-	-	-79.77	9.46	36.70	-58.56	-25.00	-33.56
10140.0	H	-	-	-79.96	11.79	38.83	-56.43	-25.00	-31.43

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

Bandwidth (MHz):	50
Frequency (MHz):	2545.0
RB / Offset:	1 / 135

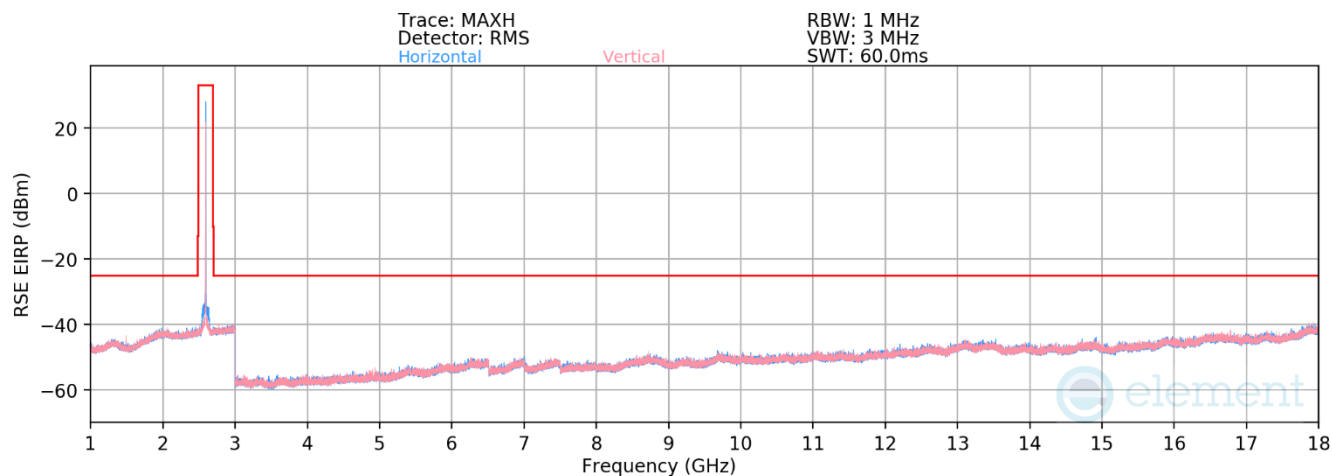
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5090.0	H	-	-	-78.91	5.50	33.60	-61.66	-25.00	-36.66
7635.0	V	-	-	-79.65	9.58	36.93	-58.33	-25.00	-33.33
10180.0	V	-	-	-80.16	11.72	38.56	-56.70	-25.00	-31.70

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

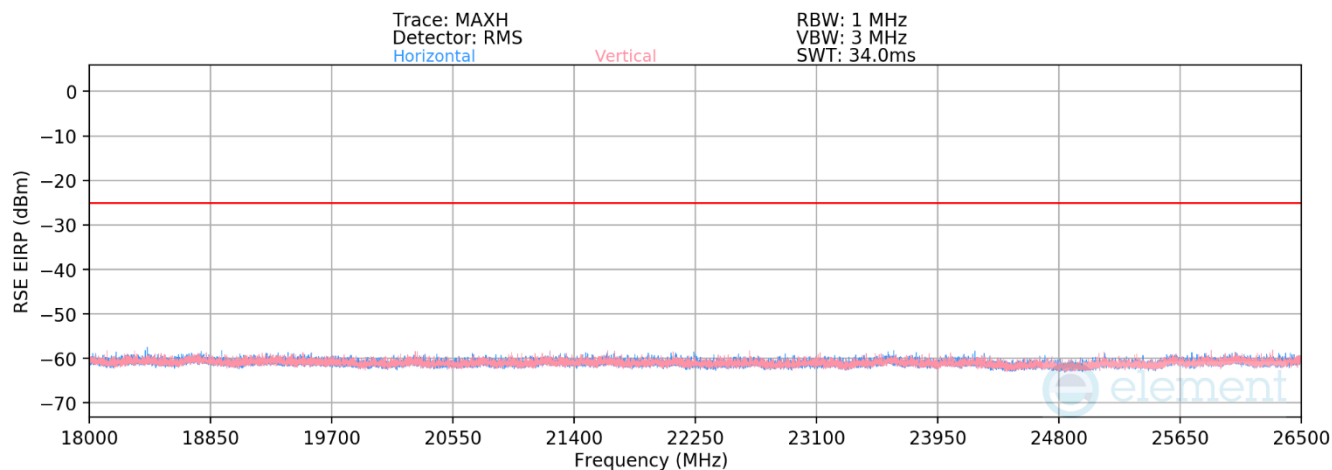
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41



Plot 7-416. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (NR Band n41)



Plot 7-417. Antenna 2b Radiated Spurious Emission above 18GHz (NR Band n41)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-77.05	3.07	33.03	-62.23	-25.00	-37.23
7638.0	V	-	-	-77.80	5.86	35.07	-60.19	-25.00	-35.19
10184.0	H	-	-	-78.65	8.40	36.75	-58.51	-25.00	-33.51

Table 7-133. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-78.00	5.13	34.13	-61.13	-25.00	-36.13
7779.0	H	-	-	-79.30	9.72	37.42	-57.84	-25.00	-32.84
10372.0	H	-	-	-79.34	11.48	39.14	-56.12	-25.00	-31.12

Table 7-134. 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	V	-	-	-78.44	6.00	34.56	-60.70	-25.00	-35.70
7920.0	H	-	-	-79.46	9.52	37.07	-58.19	-25.00	-33.19
10560.0	V	-	-	-80.14	12.84	39.70	-55.56	-25.00	-30.56

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

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ULCA - LTE Band 7

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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.28	2.69	32.41	-62.85	-25.00	-37.85
7530.0	H	-	-	-78.40	6.01	34.61	-60.65	-25.00	-35.65
10040.0	V	-	-	-78.78	8.23	36.44	-58.82	-25.00	-33.82

Table 7-136. Radiated Spurious Data (ULCA LTE Band 7 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.73	3.07	32.34	-62.92	-25.00	-37.92
7605.0	H	-	-	-78.42	5.79	34.37	-60.89	-25.00	-35.89
10140.0	V	-	-	-78.49	8.40	36.91	-58.35	-25.00	-33.35

Table 7-137. Radiated Spurious Data (ULCA LTE Band 7 – 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

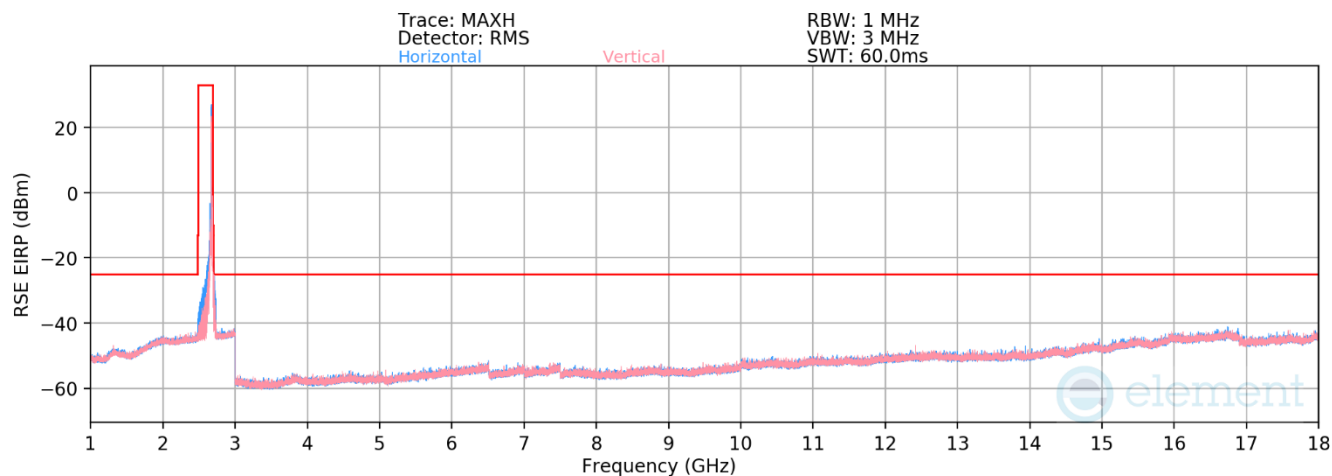
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-77.72	3.03	32.31	-62.95	-25.00	-37.95
7680.0	H	-	-	-78.47	5.98	34.51	-60.75	-25.00	-35.75
10240.0	H	-	-	-78.34	8.13	36.79	-58.46	-25.00	-33.46

Table 7-138. Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

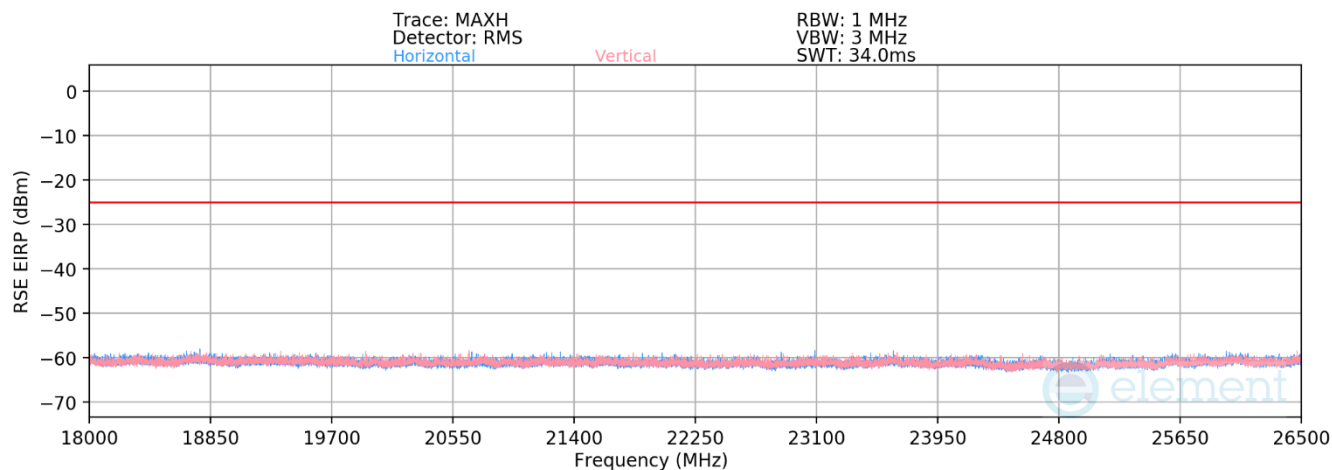
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41



Plot 7-418. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 41)



Plot 7-419. Antenna 2b Radiated Spurious Emission above 18GHz (ULCA LTE Band 41)

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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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-77.03	2.96	32.94	-62.32	-25.00	-37.32
7518.0	H	-	-	-78.19	6.01	34.81	-60.44	-25.00	-35.44
10024.0	V	-	-	-78.29	8.23	36.93	-58.32	-25.00	-33.32

Table 7-139. Radiated Spurious Data (ULCA LTE Band 41 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.05	3.16	33.11	-62.15	-25.00	-37.15
7779.0	V	-	-	-77.52	5.71	35.19	-60.07	-25.00	-35.07
10372.0	H	-	-	-77.77	8.45	37.68	-57.58	-25.00	-32.58

Table 7-140. Radiated Spurious Data (ULCA LTE Band 41 – 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 [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-77.22	3.28	33.06	-62.20	-25.00	-37.20
8040.0	V	250	131	-74.78	5.85	38.08	-57.18	-25.00	-32.18
10720.0	V	-	-	-78.56	9.10	37.54	-57.72	-25.00	-32.72
13400.0	H	-	-	-79.93	13.05	40.12	-55.13	-25.00	-30.13
16080.0	H	-	-	-80.64	18.24	44.60	-50.65	-25.00	-25.65

Table 7-141. Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

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7.7 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:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **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

1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
2. 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.
3. 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

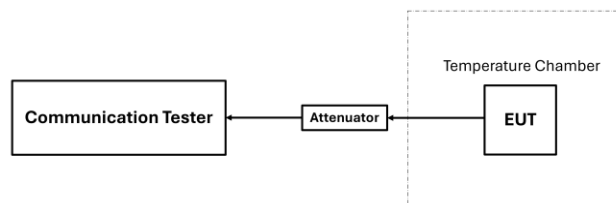


Figure 7-11. LTE Test Instrument & Measurement Setup

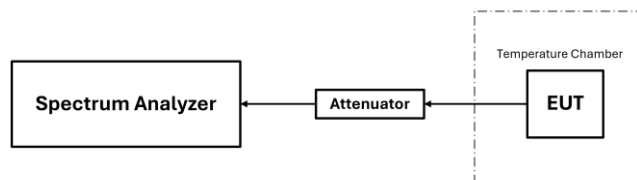


Figure 7-12. FR1 Test Instrument & Measurement Setup

Test Notes

1. All ports were tested and only the worst case data were reported.

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Frequency Stability / Temperature Variation

LTE Band 30				
		Operating Band Lower Boundary (GHz)	2.305	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3054728	-0.0004728
		- 20	2.3059156	-0.0009156
		- 10	2.3051482	-0.0001482
		0	2.3058376	-0.0008376
		+ 10	2.3052964	-0.0002964
		+ 20 (Ref)	2.3056905	-0.0006905
		+ 30	2.3050216	-0.0000216
		+ 40	2.3055647	-0.0005647
		+ 50	2.3057829	-0.0007829
Battery Endpoint	3.40	+ 20	2.3053491	-0.0003491

Table 7-142. Lower Boundary LTE Band 30 Frequency Stability Data

LTE Band 30				
		Operating Band Upper Boundary (GHz)	2.315	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3146250	-0.0003750
		- 20	2.3142985	-0.0007015
		- 10	2.3148357	-0.0001643
		0	2.3141044	-0.0008956
		+ 10	2.3145913	-0.0004087
		+ 20 (Ref)	2.3149128	-0.0000872
		+ 30	2.3142262	-0.0007738
		+ 40	2.3147083	-0.0002917
		+ 50	2.3140580	-0.0009420
Battery Endpoint	3.40	+ 20	2.3143795	-0.0006205

Table 7-143. Upper Boundary LTE Band 30 Frequency Stability Data

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Frequency Stability / Temperature Variation

LTE Band 7				
Operating Band Lower Boundary (GHz)			2.500	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.5005815	-0.0005815
		- 20	2.5000342	-0.0000342
		- 10	2.5009273	-0.0009273
		0	2.5004789	-0.0004789
		+ 10	2.5008036	-0.0008036
		+ 20 (Ref)	2.5002647	-0.0002647
		+ 30	2.5006904	-0.0006904
		+ 40	2.5001130	-0.0001130
		+ 50	2.5003458	-0.0003458
Battery Endpoint	3.40	+ 20	2.5009865	-0.0009865

Table 7-144. Lower Boundary LTE Band 7 Frequency Stability Data

LTE Band 7				
Operating Band Upper Boundary (GHz)			2.570	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.5697422	-0.0002578
		- 20	2.5691983	-0.0008017
		- 10	2.5699825	-0.0000175
		0	2.5693157	-0.0006843
		+ 10	2.5698042	-0.0001958
		+ 20 (Ref)	2.5691206	-0.0008794
		+ 30	2.5696585	-0.0003415
		+ 40	2.5692716	-0.0007284
		+ 50	2.5699151	-0.0000849
Battery Endpoint	3.40	+ 20	2.5694308	-0.0005692

Table 7-145. Upper Boundary LTE Band 7 Frequency Stability Data

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Frequency Stability / Temperature Variation

LTE Band 41				
		Operating Band Lower Boundary (GHz)		2.496
		Ref. Voltage (VDC):		3.80
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.4967349	-0.0007349
		- 20	2.4965823	-0.0005823
		- 10	2.4960482	-0.0000482
		0	2.4969135	-0.0009135
		+ 10	2.4962760	-0.0002760
		+ 20 (Ref)	2.4968071	-0.0008071
		+ 30	2.4961905	-0.0001905
		+ 40	2.4966219	-0.0006219
		+ 50	2.4963590	-0.0003590
Battery Endpoint	3.40	+ 20	2.4969957	-0.0009957

Table 7-146. Lower Boundary LTE Band 41 Frequency Stability Data

LTE Band 41				
		Operating Band Upper Boundary (GHz)		2.690
		Ref. Voltage (VDC):		3.80
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.6898744	-0.0001256
		- 20	2.6890418	-0.0009582
		- 10	2.6896595	-0.0003405
		0	2.6893285	-0.0006715
		+ 10	2.6899475	-0.0000525
		+ 20 (Ref)	2.6892059	-0.0007941
		+ 30	2.6897351	-0.0002649
		+ 40	2.6894195	-0.0005805
		+ 50	2.6899803	-0.0000197
Battery Endpoint	3.40	+ 20	2.6891124	-0.0008876

Table 7-147. Upper Boundary LTE Band 41 Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n30				
		Operating Band Lower Boundary (GHz)	2.305	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3056832	-0.0006832
		- 20	2.3050915	-0.0000915
		- 10	2.3057826	-0.0007826
		0	2.3055648	-0.0005648
		+ 10	2.3053952	-0.0003952
		+ 20 (Ref)	2.3058129	-0.0008129
		+ 30	2.3052375	-0.0002375
		+ 40	2.3059513	-0.0009513
		+ 50	2.3051285	-0.0001285
Battery Endpoint	3.40	+ 20	2.3057098	-0.0007098

Table 7-148. Lower Boundary NR Band n30 Frequency Stability Data

NR Band n30				
		Operating Band Upper Boundary (GHz)	2.315	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3145829	-0.0004171
		- 20	2.3149713	-0.0000287
		- 10	2.3142056	-0.0007944
		0	2.3146739	-0.0003261
		+ 10	2.3143185	-0.0006815
		+ 20 (Ref)	2.3147501	-0.0002499
		+ 30	2.3141599	-0.0008401
		+ 40	2.3148273	-0.0001727
		+ 50	2.3140405	-0.0009595
Battery Endpoint	3.40	+ 20	2.3144922	-0.0005078

Table 7-149. Upper Boundary NR Band n30 Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n7				
		Operating Band Lower Boundary (GHz)	2.500	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.5008235	-0.0008235
		- 20	2.5001573	-0.0001573
		- 10	2.5009322	-0.0009322
		0	2.5000475	-0.0000475
		+ 10	2.5006913	-0.0006913
		+ 20 (Ref)	2.5005083	-0.0005083
		+ 30	2.5003749	-0.0003749
		+ 40	2.5002762	-0.0002762
		+ 50	2.5008997	-0.0008997
Battery Endpoint	3.40	+ 20	2.5006235	-0.0006235

Table 7-150. Lower Boundary NR Band n7 Frequency Stability Data

NR Band n7				
		Operating Band Upper Boundary (GHz)	2.570	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.5698763	-0.0001237
		- 20	2.5695432	-0.0004568
		- 10	2.5699548	-0.0000452
		0	2.5693274	-0.0006726
		+ 10	2.5697812	-0.0002188
		+ 20 (Ref)	2.5691024	-0.0008976
		+ 30	2.5696459	-0.0003541
		+ 40	2.5692183	-0.0007817
		+ 50	2.5698902	-0.0001098
Battery Endpoint	3.40	+ 20	2.5694126	-0.0005874

Table 7-151. Upper Boundary NR Band n7 Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n41				
		Operating Band Lower Boundary (GHz)	2.496	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.4968239	-0.0008239
		- 20	2.4964921	-0.0004921
		- 10	2.4961188	-0.0001188
		0	2.4969048	-0.0009048
		+ 10	2.4963765	-0.0003765
		+ 20 (Ref)	2.4967520	-0.0007520
		+ 30	2.4962658	-0.0002658
		+ 40	2.4966801	-0.0006801
Battery Endpoint	3.40	+ 50	2.4960296	-0.0000296
		+ 20	2.4969583	-0.0009583

Table 7-152. Lower Boundary NR Band n41 Frequency Stability Data

NR Band n41				
		Operating Band Upper Boundary (GHz)	2.690	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.6898759	-0.0001241
		- 20	2.6890535	-0.0009465
		- 10	2.6896427	-0.0003573
		0	2.6893046	-0.0006954
		+ 10	2.6899864	-0.0000136
		+ 20 (Ref)	2.6891845	-0.0008155
		+ 30	2.6897118	-0.0002882
		+ 40	2.6894924	-0.0005076
Battery Endpoint	3.40	+ 50	2.6899322	-0.0000678
		+ 20	2.6891208	-0.0008792

Table 7-153. Upper Boundary 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: BCGA3361** complies with all the requirements of Part 27 of the FCC rules.

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