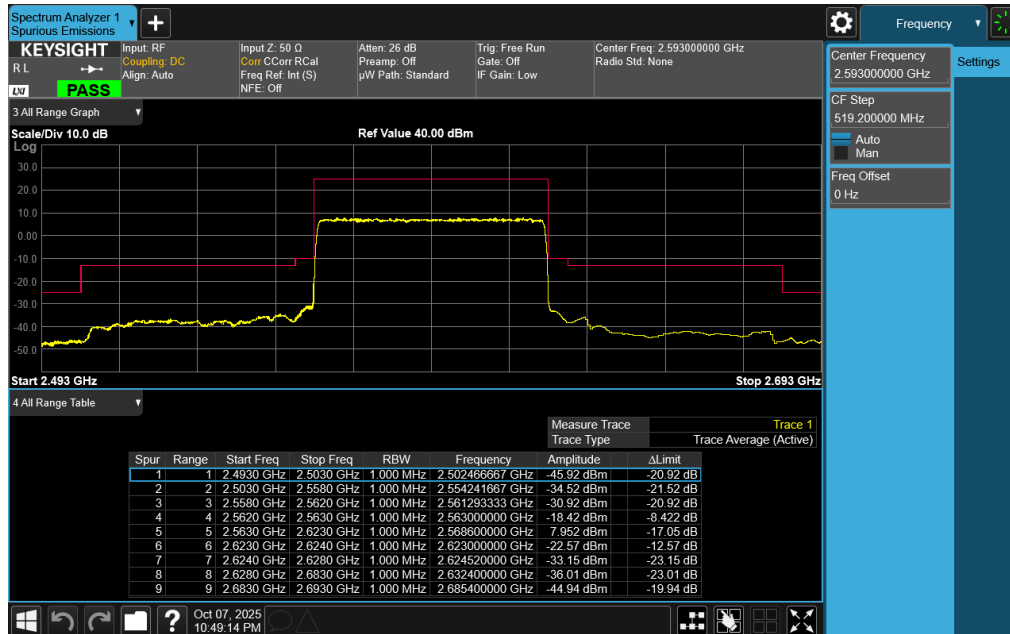
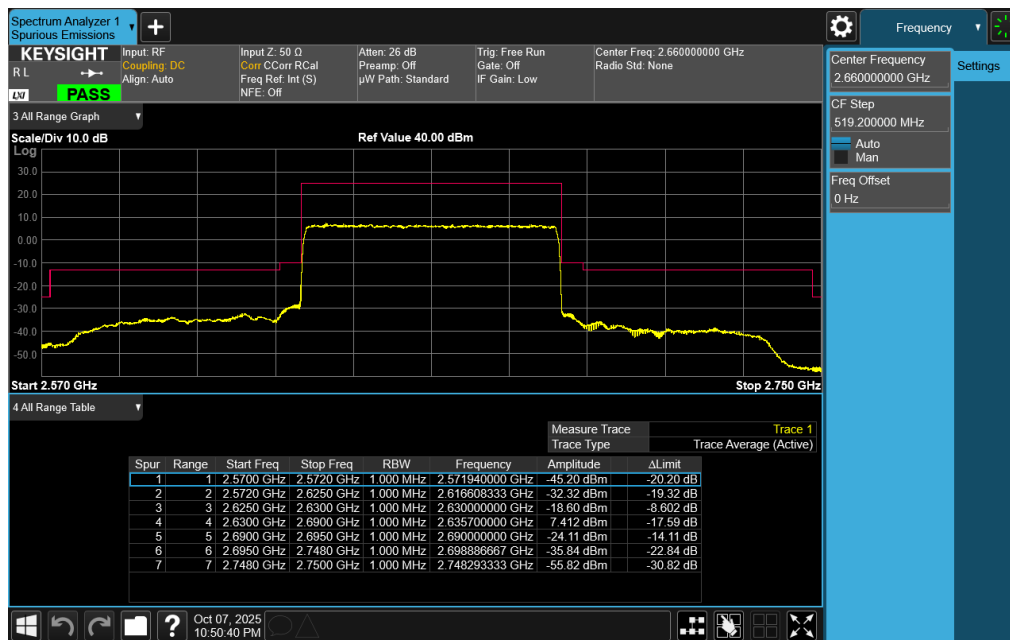




Plot 7-384. Middle ACP Plot (NR Band n41 - 60MHz CP-OFDM QPSK – Full RB)

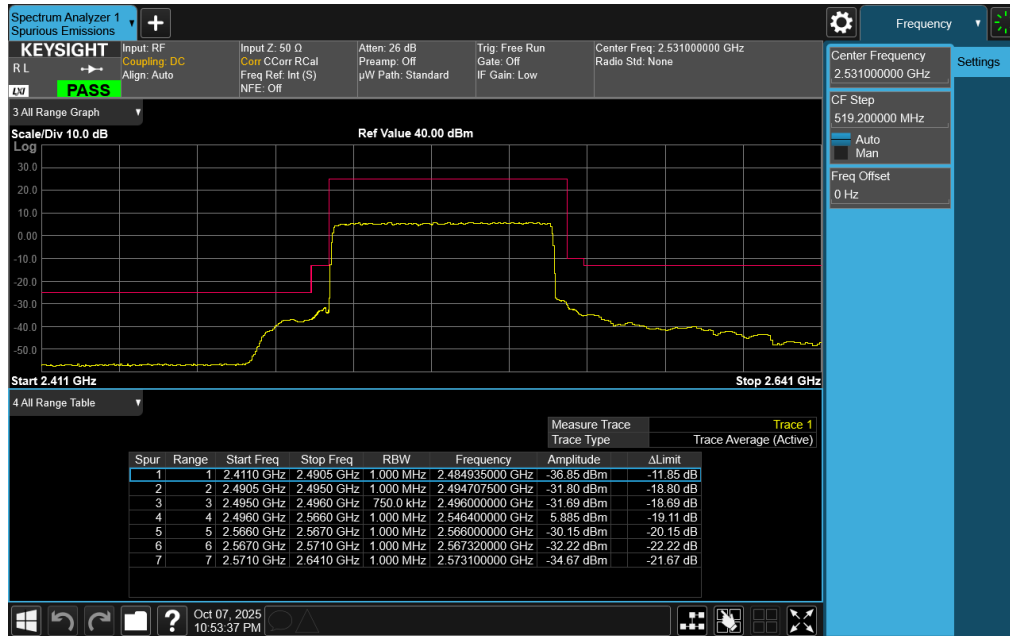


Plot 7-385. Upper ACP Plot (NR Band n41 - 60MHz CP-OFDM QPSK – Full RB)

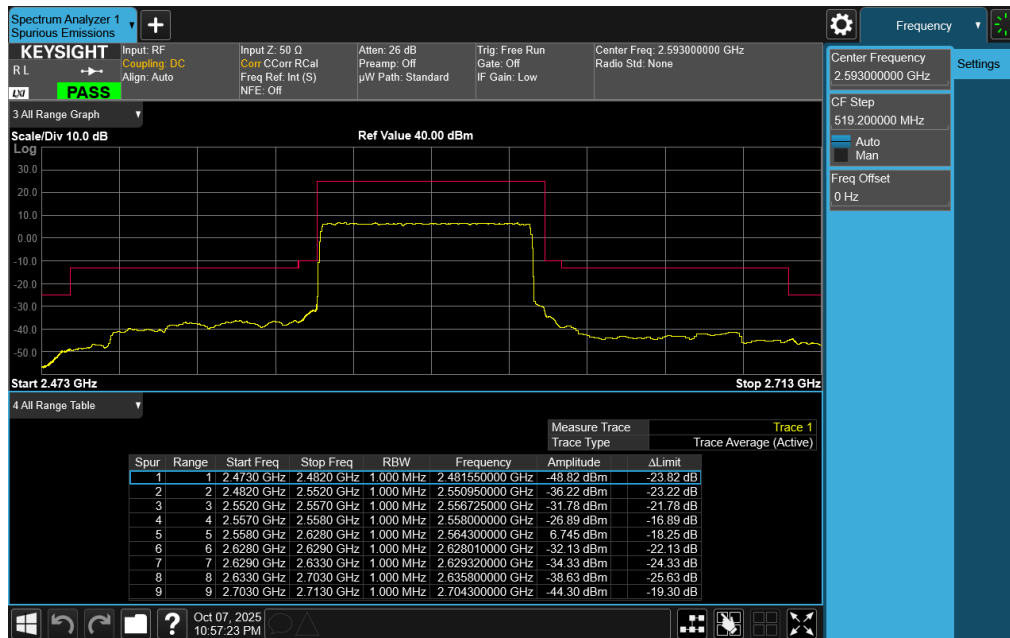
FCC ID: BCGA3462	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-386. Lower ACP Plot (NR Band n41 - 70MHz CP-OFDM QPSK – Full RB)

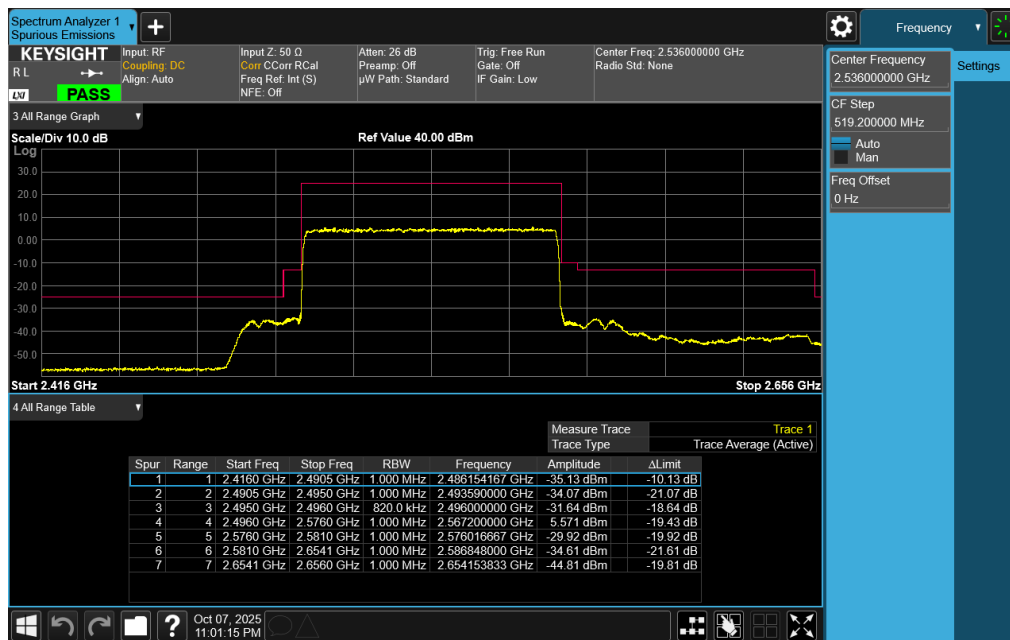
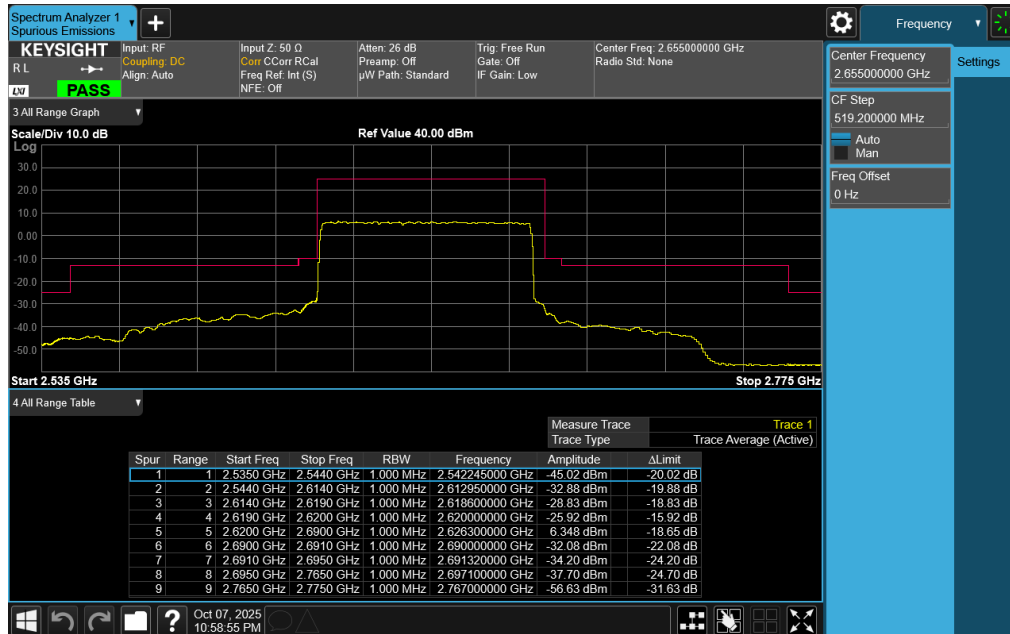


Plot 7-387. Middle ACP Plot (NR Band n41 - 70MHz CP-OFDM QPSK – Full RB)

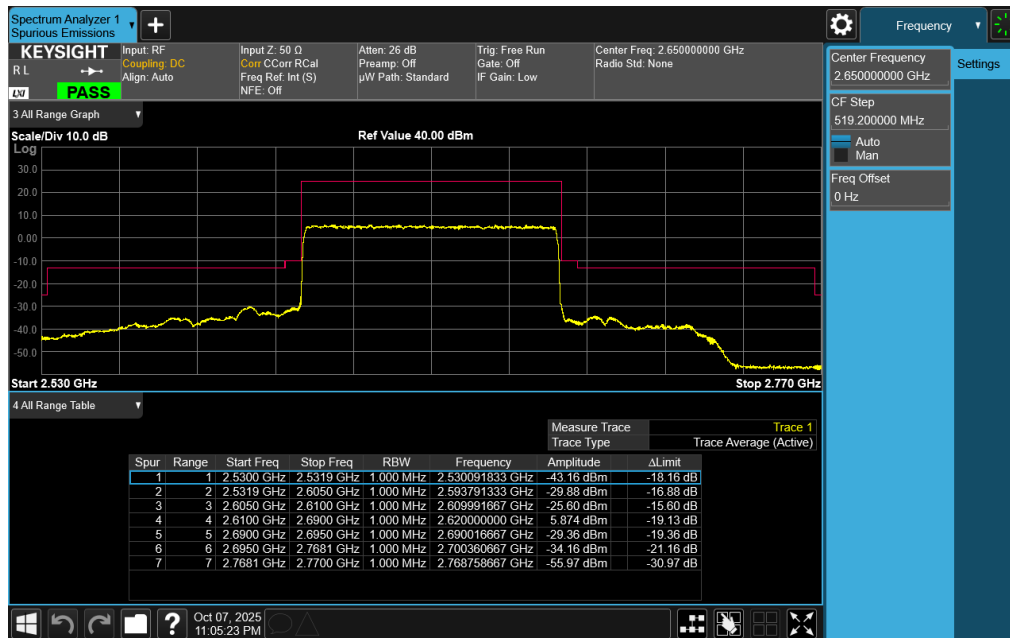
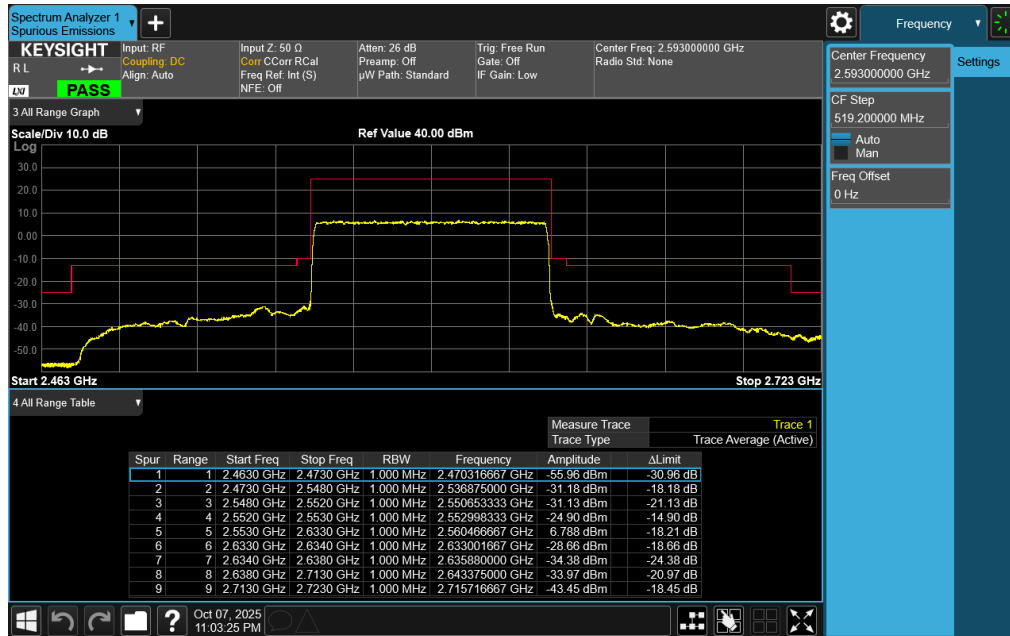
FCC ID: BCGA3462	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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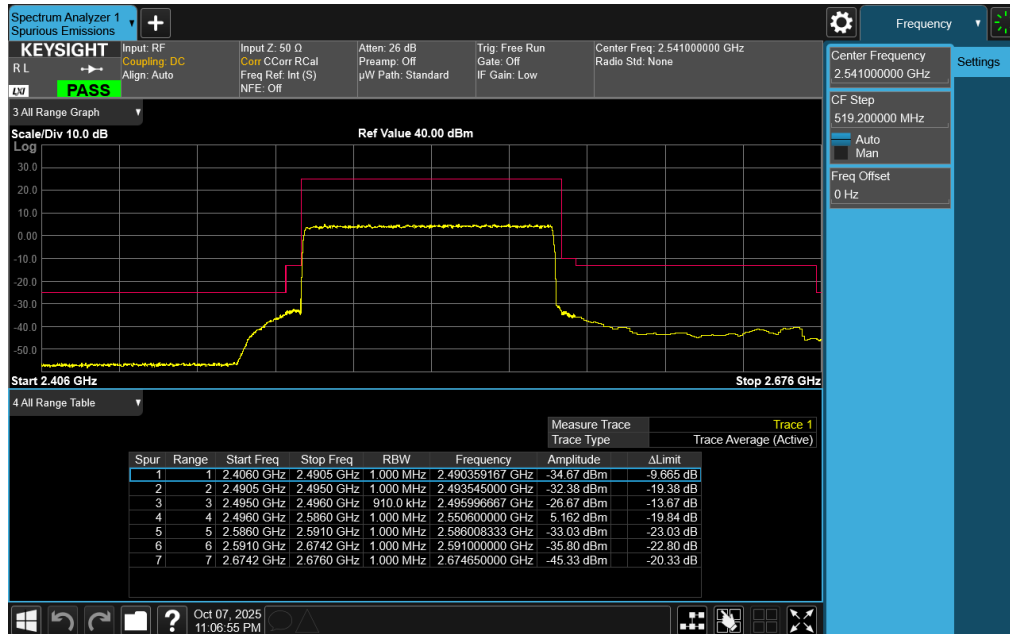
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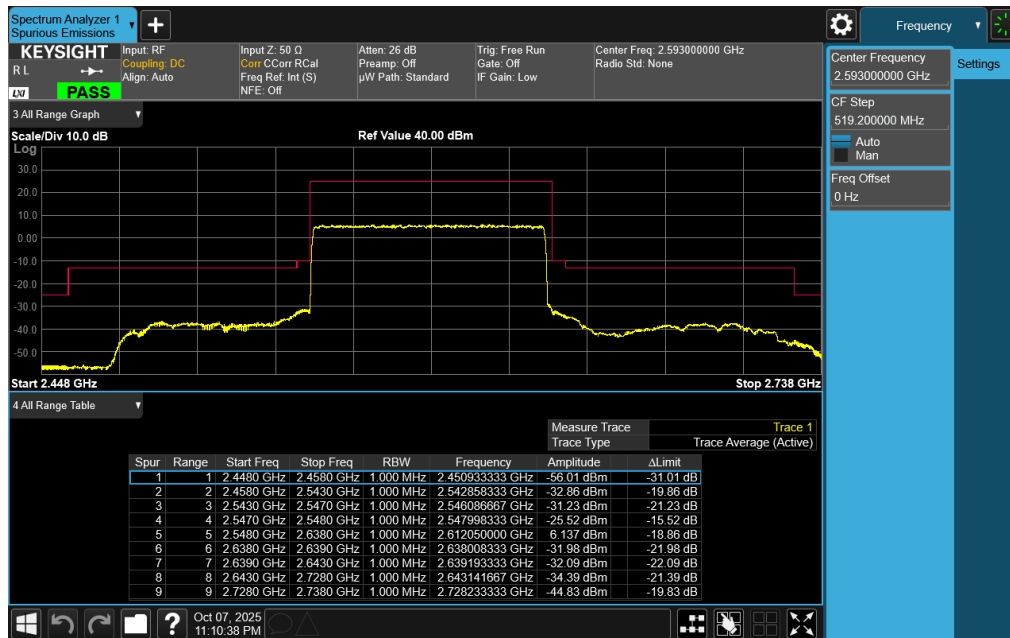
FCC ID: BCGA3462	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 221 of 318



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Plot 7-392. Lower ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

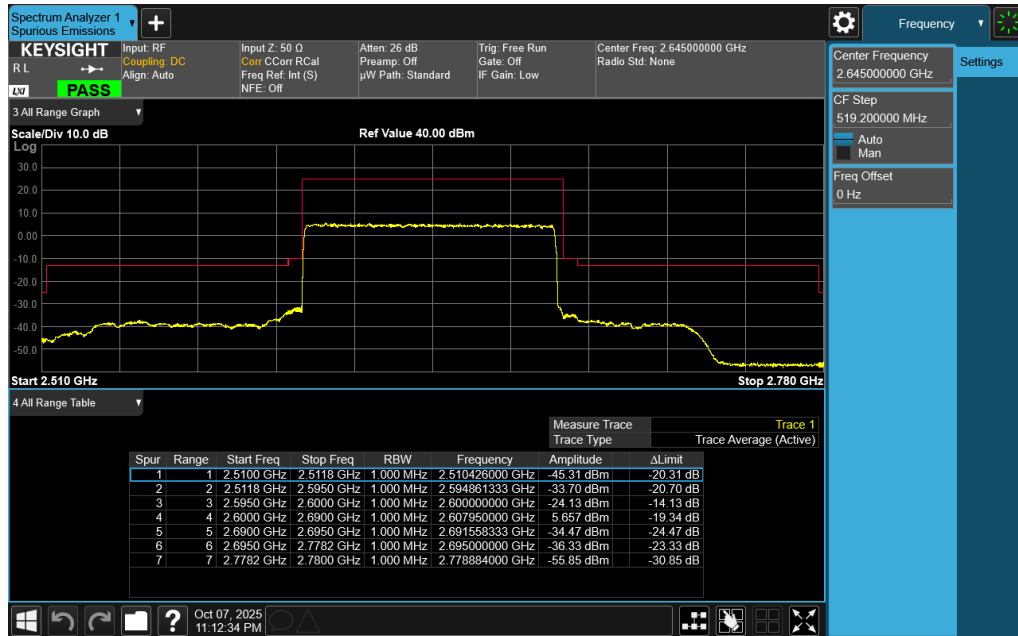


Plot 7-393. Middle ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

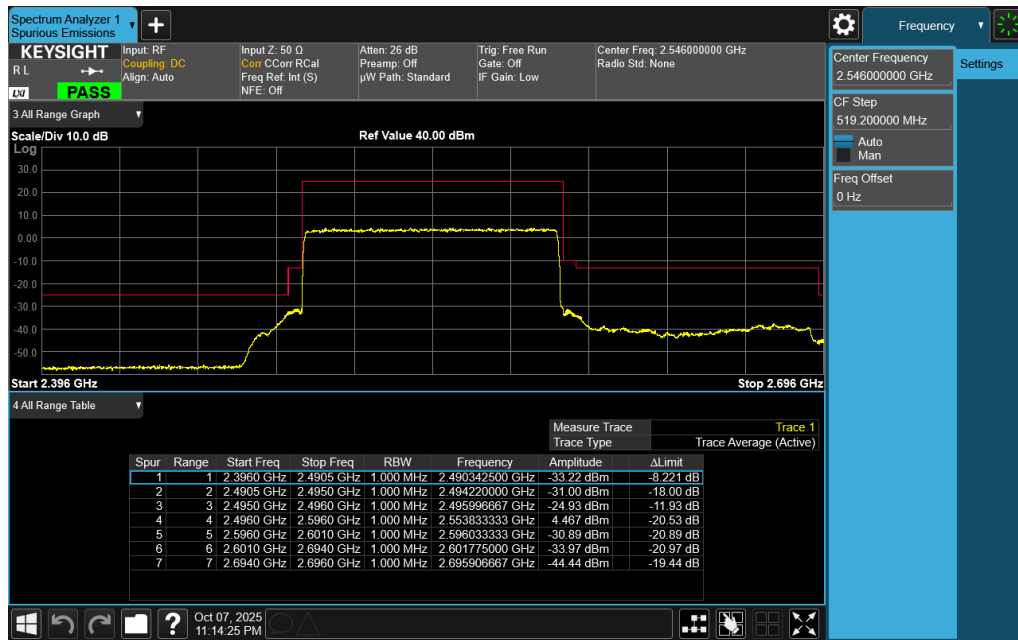
FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 223 of 318

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Plot 7-394. Upper ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

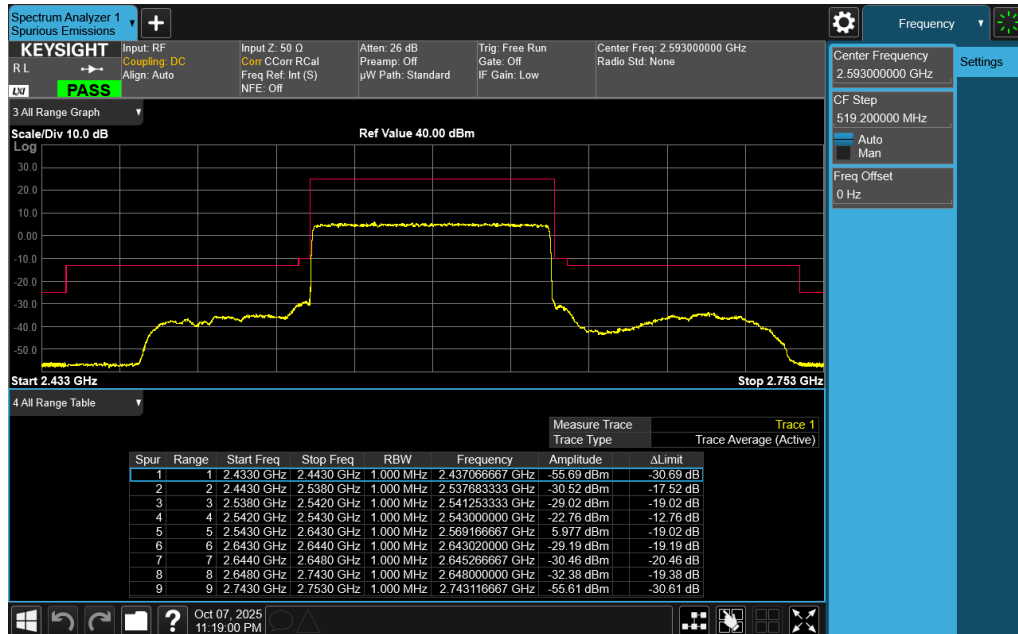


Plot 7-395. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

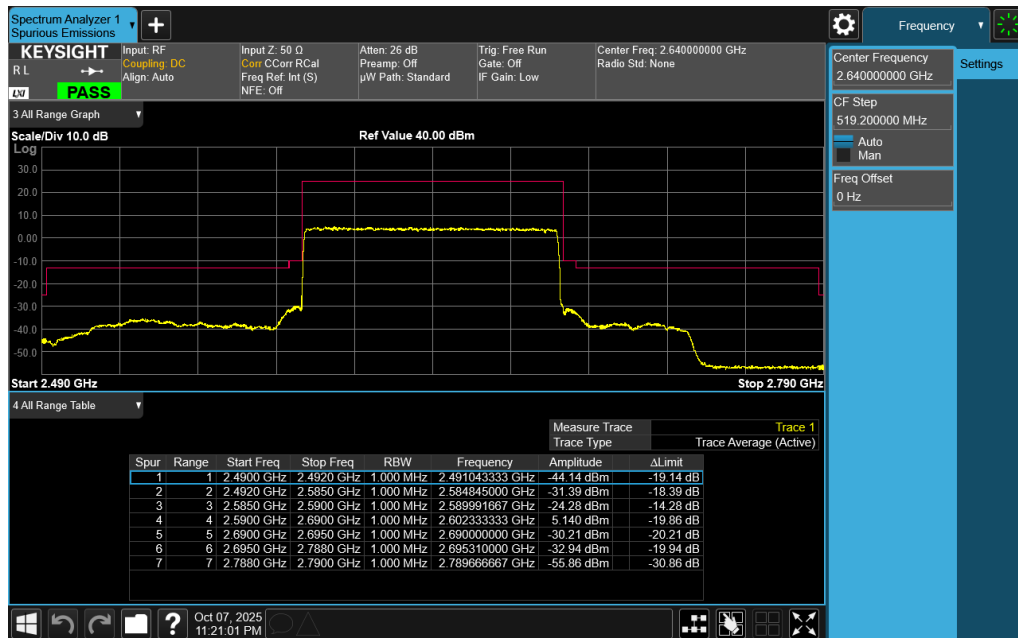
FCC ID: BCGA3462	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 224 of 318

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Plot 7-396. Middle ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)



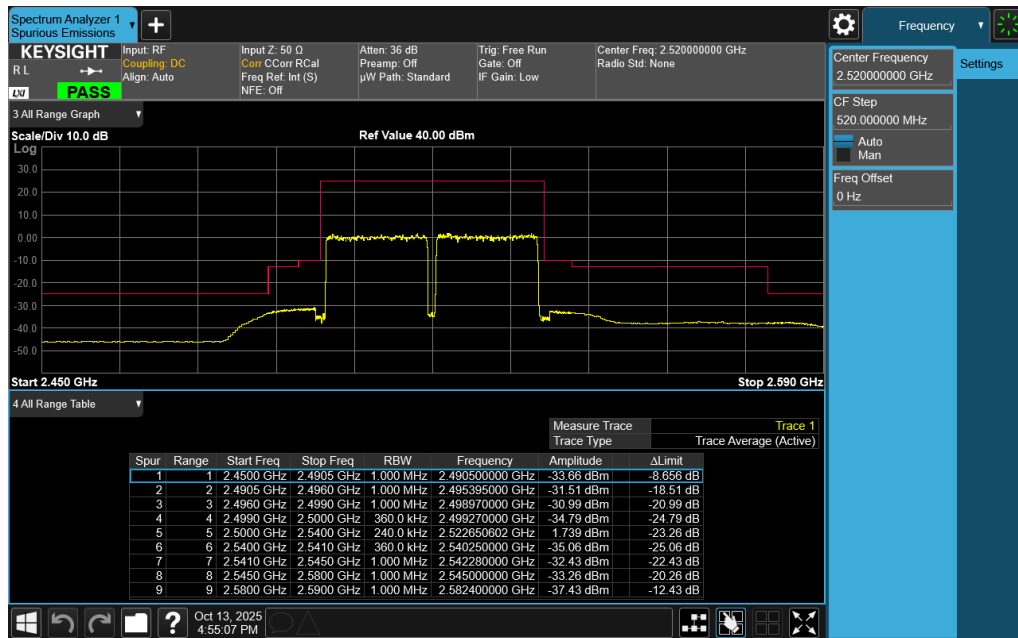
Plot 7-397. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3462	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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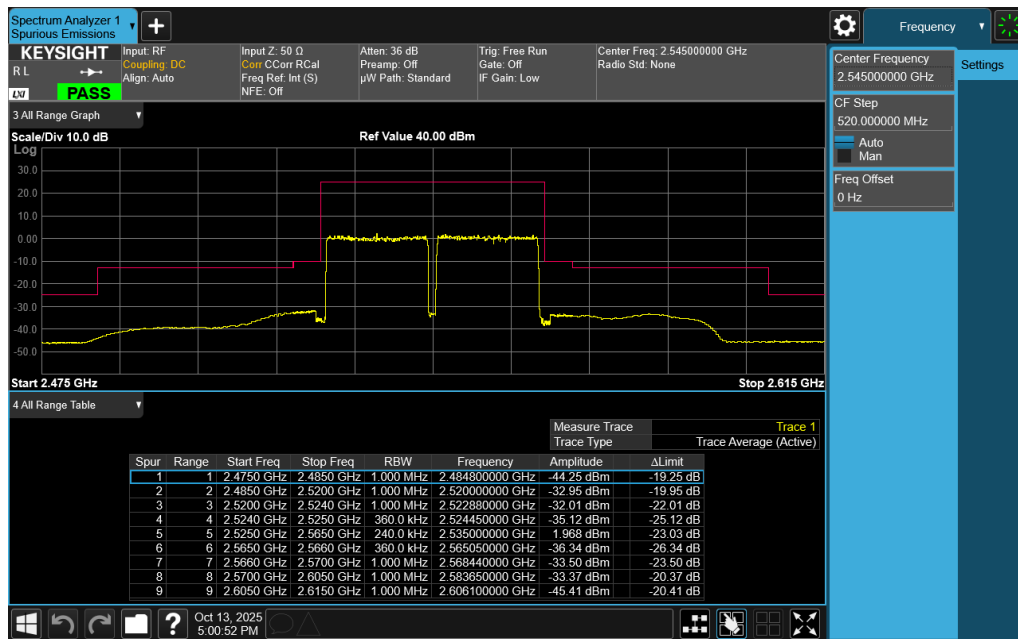
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ULCA - LTE Band 7



Plot 7-398. Lower ACP Plot (ULCA LTE Band B7 - (20+20)MHz QPSK - Full RB)

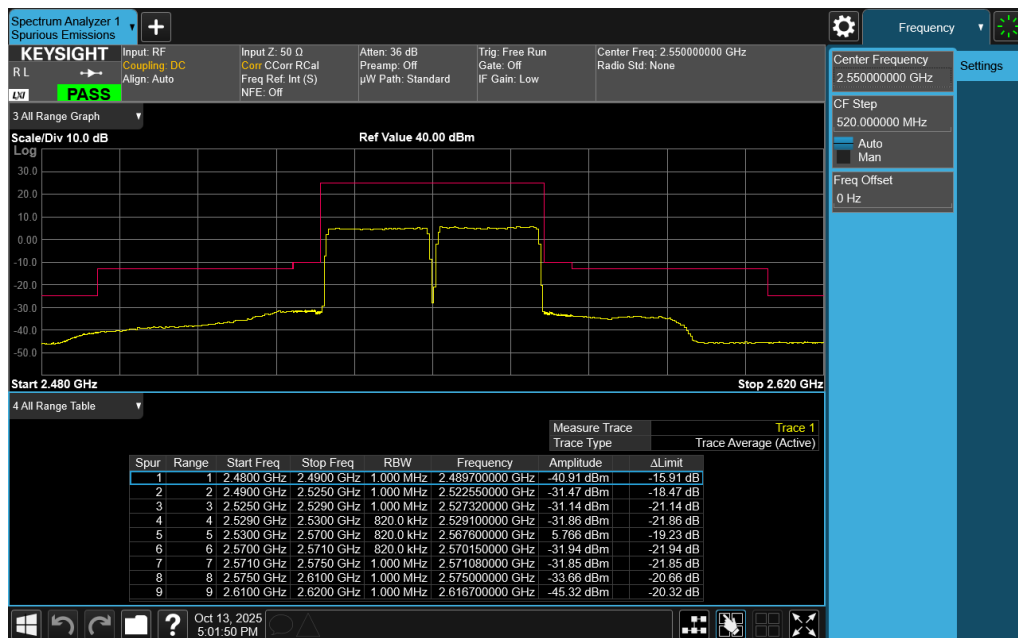


Plot 7-399. Middle ACP Plot (ULCA LTE Band B7 - (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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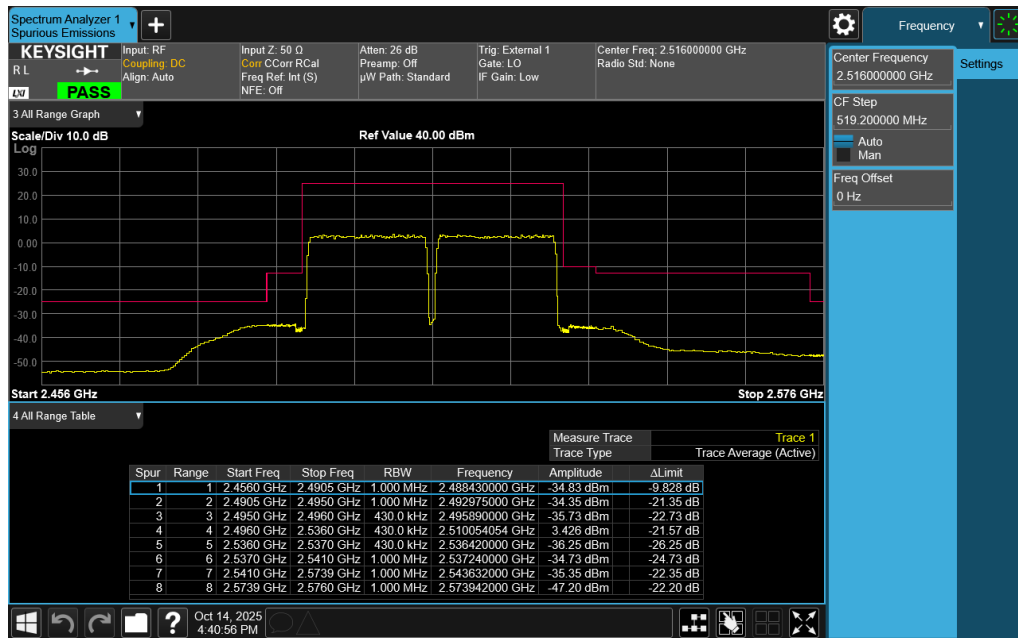


Plot 7-400. Upper ACP Plot (ULCA LTE Band B7 – (20+20)MHz QPSK - Full RB)

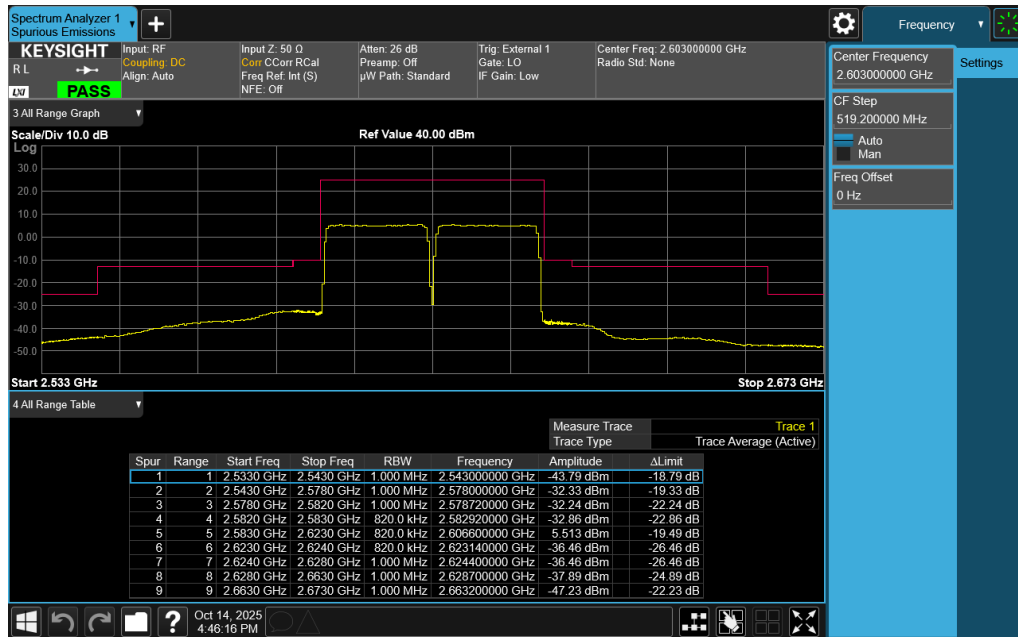
FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41



Plot 7-401. Lower ACP Plot (ULCA LTE Band B41 – (20+20)MHz QPSK - Full RB)

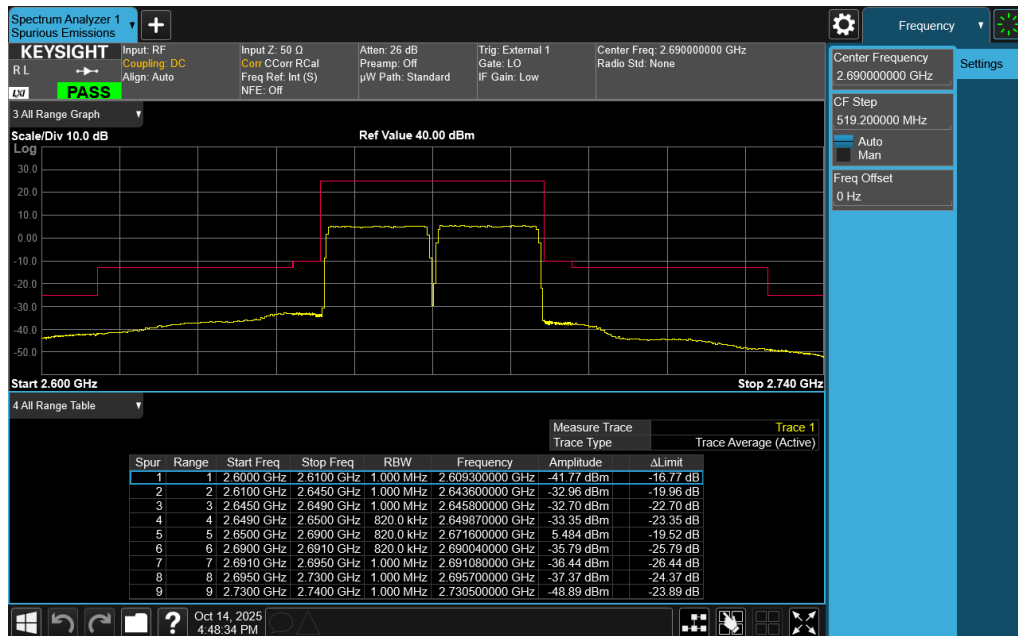


Plot 7-402. Middle ACP Plot (ULCA LTE Band B41 – (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-403. Upper ACP Plot (ULCA LTE Band B41 – (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3462	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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.

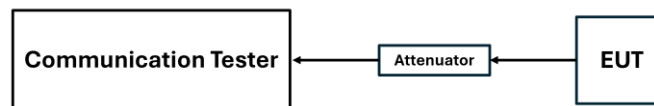


Figure 7-7. EIRP Measurement Setup

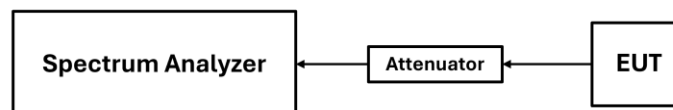


Figure 7-8. EIRP Measurement Setup

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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 4 - 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	1.80	1 / 0	21.63	23.43	0.220	23.98	-0.55
		2310.0	1.80	1 / 0	21.54	23.34	0.216	23.98	-0.64
		2312.5	1.80	1 / 0	21.39	23.19	0.208	23.98	-0.79
	16-QAM	2307.5	1.80	1 / 24	20.96	22.76	0.189	23.98	-1.22
	64-QAM	2310.0	1.80	1 / 24	19.88	21.68	0.147	23.98	-2.30
	256-QAM	2307.5	1.80	25 / 0	17.11	18.91	0.078	23.98	-5.07
10 MHz	QPSK	2310.0	1.80	1 / 0	21.39	23.19	0.208	23.98	-0.79
	16-QAM	2310.0	1.80	1 / 0	20.80	22.60	0.182	23.98	-1.38
	64-QAM	2310.0	1.80	1 / 49	19.82	21.62	0.145	23.98	-2.36
	256-QAM	2310.0	1.80	50 / 0	17.13	18.93	0.078	23.98	-5.05

Table 7-2. Antenna 4 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	1.20	1 / 0	25.15	26.35	0.432	33.01	-6.66
		2535.0	1.20	1 / 0	25.25	26.45	0.442	33.01	-6.56
		2567.5	1.20	1 / 24	25.03	26.23	0.420	33.01	-6.78
	16-QAM	2502.5	1.20	1 / 24	24.63	25.83	0.383	33.01	-7.18
	64-QAM	2535.0	1.20	1 / 24	23.48	24.68	0.294	33.01	-8.33
	256-QAM	2567.5	1.20	25 / 0	20.63	21.83	0.152	33.01	-11.18
10 MHz	QPSK	2505.0	1.20	1 / 0	25.04	26.24	0.421	33.01	-6.77
		2535.0	1.20	1 / 25	25.09	26.29	0.426	33.01	-6.72
		2565.0	1.20	1 / 0	25.15	26.35	0.432	33.01	-6.66
	16-QAM	2565.0	1.20	1 / 0	24.52	25.72	0.373	33.01	-7.29
	64-QAM	2505.0	1.20	1 / 0	23.40	24.60	0.288	33.01	-8.41
	256-QAM	2565.0	1.20	50 / 0	20.72	21.92	0.156	33.01	-11.09
15 MHz	QPSK	2507.5	1.20	1 / 37	25.18	26.38	0.435	33.01	-6.63
		2535.0	1.20	1 / 74	24.99	26.19	0.416	33.01	-6.82
		2562.5	1.20	1 / 37	25.09	26.29	0.426	33.01	-6.72
	16-QAM	2535.0	1.20	1 / 74	24.47	25.67	0.369	33.01	-7.34
	64-QAM	2507.5	1.20	1 / 0	23.37	24.57	0.286	33.01	-8.44
	256-QAM	2562.5	1.20	75 / 0	20.67	21.87	0.154	33.01	-11.14
20 MHz	QPSK	2510.0	1.20	1 / 50	25.24	26.44	0.441	33.01	-6.57
		2535.0	1.20	1 / 50	24.84	26.04	0.402	33.01	-6.97
		2560.0	1.20	1 / 50	25.04	26.24	0.421	33.01	-6.77
	16-QAM	2510.0	1.20	1 / 50	24.50	25.70	0.372	33.01	-7.31
	64-QAM	2510.0	1.20	1 / 50	23.41	24.61	0.289	33.01	-8.40
	256-QAM	2510.0	1.20	100 / 0	20.63	21.83	0.152	33.01	-11.18

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

FCC ID: BCGA3462	 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	1.60	1 / 0	27.40	29.00	0.794	33.01	-4.01
		2593.0	1.60	1 / 24	28.27	29.87	0.971	33.01	-3.14
		2687.5	1.60	1 / 24	27.27	28.87	0.771	33.01	-4.14
	16-QAM	2593.0	1.60	1 / 24	27.82	29.42	0.875	33.01	-3.59
	64-QAM	2593.0	1.60	1 / 24	26.64	28.24	0.667	33.01	-4.77
	256-QAM	2593.0	1.60	25 / 0	23.63	25.23	0.333	33.01	-7.78
10 MHz	QPSK	2501.0	1.60	1 / 25	27.38	28.98	0.791	33.01	-4.03
		2593.0	1.60	1 / 0	28.28	29.88	0.973	33.01	-3.13
		2685.0	1.60	1 / 25	27.42	29.02	0.798	33.01	-3.99
	16-QAM	2593.0	1.60	1 / 25	27.84	29.44	0.879	33.01	-3.57
	64-QAM	2593.0	1.60	1 / 49	26.72	28.32	0.679	33.01	-4.69
	256-QAM	2593.0	1.60	50 / 0	23.70	25.30	0.339	33.01	-7.71
15 MHz	QPSK	2503.5	1.60	1 / 37	27.30	28.90	0.776	33.01	-4.11
		2593.0	1.60	1 / 37	28.17	29.77	0.948	33.01	-3.24
		2682.5	1.60	1 / 37	27.34	28.94	0.783	33.01	-4.07
	16-QAM	2593.0	1.60	1 / 74	27.53	29.13	0.818	33.01	-3.88
	64-QAM	2593.0	1.60	1 / 74	26.69	28.29	0.675	33.01	-4.72
	256-QAM	2593.0	1.60	1 / 74	23.76	25.36	0.344	33.01	-7.65
20 MHz	QPSK	2506.0	1.60	1 / 50	27.10	28.70	0.741	33.01	-4.31
		2593.0	1.60	1 / 50	28.06	29.66	0.925	33.01	-3.35
		2680.0	1.60	1 / 50	27.37	28.97	0.789	33.01	-4.04
	16-QAM	2593.0	1.60	1 / 50	27.66	29.26	0.843	33.01	-3.75
	64-QAM	2593.0	1.60	1 / 50	26.52	28.12	0.649	33.01	-4.89
	256-QAM	2593.0	1.60	100 / 0	23.60	25.20	0.331	33.01	-7.81

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

FCC ID: BCGA3462	 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	1.60	1 / 24	25.32	26.92	0.492	33.01	-6.09
		2593.0	1.60	1 / 24	25.21	26.81	0.480	33.01	-6.20
		2687.5	1.60	1 / 24	25.19	26.79	0.478	33.01	-6.22
	16-QAM	2687.5	1.60	1 / 24	24.34	25.94	0.393	33.01	-7.07
	64-QAM	2687.5	1.60	1 / 24	23.27	24.87	0.307	33.01	-8.14
	256-QAM	2687.5	1.60	25 / 0	20.65	22.25	0.168	33.01	-10.76
10 MHz	QPSK	2501.0	1.60	1 / 25	25.30	26.90	0.490	33.01	-6.11
		2593.0	1.60	1 / 49	25.21	26.81	0.480	33.01	-6.20
		2685.0	1.60	1 / 25	25.26	26.86	0.485	33.01	-6.15
	16-QAM	2685.0	1.60	1 / 25	24.42	26.02	0.400	33.01	-6.99
	64-QAM	2685.0	1.60	1 / 49	23.25	24.85	0.305	33.01	-8.16
	256-QAM	2685.0	1.60	50 / 0	20.76	22.36	0.172	33.01	-10.65
15 MHz	QPSK	2503.5	1.60	1 / 37	25.09	26.69	0.467	33.01	-6.32
		2593.0	1.60	1 / 74	24.96	26.56	0.453	33.01	-6.45
		2682.5	1.60	1 / 37	25.20	26.80	0.479	33.01	-6.21
	16-QAM	2682.5	1.60	1 / 0	24.33	25.93	0.392	33.01	-7.08
	64-QAM	2682.5	1.60	1 / 74	23.13	24.73	0.297	33.01	-8.28
	256-QAM	2682.5	1.60	75 / 0	20.65	22.25	0.168	33.01	-10.76
20 MHz	QPSK	2506.0	1.60	1 / 50	24.89	26.49	0.446	33.01	-6.52
		2593.0	1.60	1 / 50	24.99	26.59	0.456	33.01	-6.42
		2680.0	1.60	1 / 50	25.19	26.79	0.478	33.01	-6.22
	16-QAM	2506.0	1.60	1 / 50	24.34	25.94	0.393	33.01	-7.07
	64-QAM	2680.0	1.60	1 / 50	23.24	24.84	0.305	33.01	-8.17
	256-QAM	2680.0	1.60	100 / 0	20.68	22.28	0.169	33.01	-10.73

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

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 235 of 318

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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	1.80	1 / 23	21.50	23.30	0.214	23.98	-0.68
		2310.0	1.80	25 / 0	21.47	23.27	0.213	23.98	-0.71
		2312.5	1.80	25 / 0	21.41	23.21	0.210	23.98	-0.77
	QPSK	2307.5	1.80	1 / 12	21.37	23.17	0.208	23.98	-0.81
		2310.0	1.80	1 / 12	21.41	23.21	0.210	23.98	-0.77
		2312.5	1.80	1 / 1	21.40	23.20	0.209	23.98	-0.77
	16-QAM	2307.5	1.80	1 / 1	20.25	22.05	0.160	23.98	-1.93
	64-QAM	2307.5	1.80	25 / 0	19.49	21.29	0.134	23.98	-2.69
	256-QAM	2310.0	1.80	25 / 0	17.53	19.33	0.086	23.98	-4.65
10 MHz	$\pi/2$ BPSK	2310.0	1.80	50 / 0	21.50	23.30	0.214	23.98	-0.68
	QPSK	2310.0	1.80	1 / 1	21.36	23.16	0.207	23.98	-0.81
	16-QAM	2310.0	1.80	1 / 1	20.23	22.03	0.160	23.98	-1.95
	64-QAM	2310.0	1.80	50 / 0	19.44	21.24	0.133	23.98	-2.74
	256-QAM	2310.0	1.80	50 / 0	17.53	19.33	0.086	23.98	-4.65

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

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 236 of 318

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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	1.20	25 / 0	25.11	26.31	0.428	33.01	-6.70
		2535.0	1.20	25 / 0	25.21	26.41	0.437	33.01	-6.60
		2567.5	1.20	25 / 0	25.14	26.34	0.430	33.01	-6.67
	QPSK	2502.5	1.20	1 / 23	25.20	26.40	0.436	33.01	-6.61
		2535.0	1.20	1 / 1	25.26	26.46	0.443	33.01	-6.55
		2567.5	1.20	1 / 12	25.17	26.37	0.433	33.01	-6.64
	16-QAM	2535.0	1.20	1 / 23	24.05	25.25	0.335	33.01	-7.76
	64-QAM	2535.0	1.20	25 / 0	23.34	24.54	0.284	33.01	-8.47
256-QAM	2535.0	1.20	25 / 0	21.18	22.38	0.173	33.01	-10.63	
10 MHz	π/2 BPSK	2505.0	1.20	50 / 0	25.33	26.53	0.450	33.01	-6.48
		2535.0	1.20	50 / 0	25.30	26.50	0.447	33.01	-6.51
		2565.0	1.20	50 / 0	25.18	26.38	0.435	33.01	-6.63
	QPSK	2505.0	1.20	1 / 50	25.30	26.50	0.447	33.01	-6.51
		2535.0	1.20	1 / 50	25.18	26.38	0.434	33.01	-6.63
		2565.0	1.20	1 / 50	25.20	26.40	0.437	33.01	-6.61
	16-QAM	2565.0	1.20	1 / 1	24.07	25.27	0.336	33.01	-7.74
	64-QAM	2535.0	1.20	50 / 0	23.28	24.48	0.281	33.01	-8.53
256-QAM	2505.0	1.20	50 / 0	21.35	22.55	0.180	33.01	-10.46	
15 MHz	π/2 BPSK	2507.5	1.20	75 / 0	25.24	26.44	0.440	33.01	-6.57
		2535.0	1.20	1 / 1	25.21	26.41	0.438	33.01	-6.60
		2562.5	1.20	1 / 1	25.14	26.34	0.430	33.01	-6.67
	QPSK	2507.5	1.20	1 / 77	25.15	26.35	0.431	33.01	-6.66
		2535.0	1.20	1 / 1	25.13	26.33	0.430	33.01	-6.68
		2562.5	1.20	1 / 1	25.14	26.34	0.431	33.01	-6.67
	16-QAM	2535.0	1.20	1 / 36	24.12	25.32	0.340	33.01	-7.69
	64-QAM	2507.5	1.20	75 / 0	23.30	24.50	0.282	33.01	-8.51
256-QAM	2507.5	1.20	75 / 0	21.24	22.44	0.175	33.01	-10.57	
20 MHz	π/2 BPSK	2510.0	1.20	100 / 0	25.17	26.37	0.434	33.01	-6.64
		2535.0	1.20	100 / 0	25.21	26.41	0.437	33.01	-6.60
		2560.0	1.20	100 / 0	25.19	26.39	0.435	33.01	-6.62
	QPSK	2510.0	1.20	1 / 50	25.30	26.50	0.447	33.01	-6.51
		2535.0	1.20	1 / 50	25.14	26.34	0.431	33.01	-6.67
		2560.0	1.20	1 / 50	25.15	26.35	0.432	33.01	-6.66
	16-QAM	2535.0	1.20	1 / 1	24.05	25.25	0.335	33.01	-7.76
	64-QAM	2535.0	1.20	100 / 0	23.27	24.47	0.280	33.01	-8.54
256-QAM	2535.0	1.20	100 / 0	21.24	22.44	0.175	33.01	-10.57	
25 MHz	π/2 BPSK	2512.5	1.20	128 / 0	25.16	26.36	0.432	33.01	-6.65
		2535.0	1.20	128 / 0	25.20	26.40	0.437	33.01	-6.61
		2557.5	1.20	128 / 0	25.19	26.39	0.436	33.01	-6.62
	QPSK	2512.5	1.20	1 / 64	25.14	26.34	0.430	33.01	-6.67
		2535.0	1.20	1 / 64	25.18	26.38	0.435	33.01	-6.63
		2557.5	1.20	1 / 64	25.02	26.22	0.418	33.01	-6.79
	16-QAM	2512.5	1.20	1 / 64	23.95	25.15	0.328	33.01	-7.86
	64-QAM	2535.0	1.20	128 / 0	23.28	24.48	0.281	33.01	-8.53
256-QAM	2535.0	1.20	128 / 0	21.25	22.45	0.176	33.01	-10.56	
30 MHz	π/2 BPSK	2515.0	1.20	160 / 0	25.13	26.33	0.429	33.01	-6.68
		2535.0	1.20	160 / 0	25.24	26.44	0.440	33.01	-6.57
		2555.0	1.20	160 / 0	25.20	26.40	0.437	33.01	-6.61
	QPSK	2515.0	1.20	1 / 1	25.13	26.33	0.430	33.01	-6.68
		2535.0	1.20	1 / 80	25.11	26.31	0.427	33.01	-6.70
		2555.0	1.20	1 / 1	25.14	26.34	0.430	33.01	-6.67
	16-QAM	2535.0	1.20	1 / 80	24.13	25.33	0.342	33.01	-7.68
	64-QAM	2535.0	1.20	160 / 0	23.24	24.44	0.278	33.01	-8.57
256-QAM	2535.0	1.20	160 / 0	21.25	22.45	0.176	33.01	-10.56	
35 MHz	π/2 BPSK	2517.5	1.20	1 / 186	25.12	26.32	0.428	33.01	-6.69
		2535.0	1.20	180 / 0	25.27	26.47	0.443	33.01	-6.54
		2562.5	1.20	180 / 0	25.19	26.39	0.436	33.01	-6.62
	QPSK	2517.5	1.20	1 / 186	25.11	26.31	0.427	33.01	-6.70
		2535.0	1.20	1 / 186	25.18	26.38	0.435	33.01	-6.63
		2562.5	1.20	1 / 186	25.02	26.22	0.418	33.01	-6.79
	16-QAM	2562.5	1.20	1 / 1	23.94	25.14	0.326	33.01	-7.87
	64-QAM	2535.0	1.20	180 / 0	23.22	24.42	0.277	33.01	-8.59
256-QAM	2535.0	1.20	180 / 0	21.20	22.40	0.174	33.01	-10.61	
40 MHz	π/2 BPSK	2520.0	1.20	216 / 0	25.15	26.35	0.432	33.01	-6.66
		2535.0	1.20	216 / 0	25.23	26.43	0.440	33.01	-6.58
		2550.0	1.20	216 / 0	25.10	26.30	0.427	33.01	-6.71
	QPSK	2520.0	1.20	1 / 108	25.08	26.28	0.425	33.01	-6.73
		2535.0	1.20	1 / 108	25.18	26.38	0.434	33.01	-6.63
		2550.0	1.20	1 / 1	25.08	26.28	0.424	33.01	-6.73
	16-QAM	2535.0	1.20	1 / 108	24.04	25.24	0.334	33.01	-7.77
	64-QAM	2535.0	1.20	216 / 0	23.30	24.50	0.282	33.01	-8.51
256-QAM	2535.0	1.20	216 / 0	21.27	22.47	0.177	33.01	-10.54	
50 MHz	π/2 BPSK	2525.0	1.20	270 / 0	25.19	26.39	0.436	33.01	-6.62
		2535.0	1.20	1 / 135	25.32	26.52	0.448	33.01	-6.49
		2545.0	1.20	270 / 0	25.06	26.26	0.422	33.01	-6.75
	QPSK	2525.0	1.20	1 / 135	25.07	26.27	0.424	33.01	-6.74
		2535.0	1.20	1 / 135	25.02	26.22	0.419	33.01	-6.79
		2545.0	1.20	1 / 135	25.27	26.47	0.443	33.01	-6.55
	16-QAM	2545.0	1.20	1 / 135	23.96	25.16	0.328	33.01	-7.85
	64-QAM	2535.0	1.20	270 / 0	23.32	24.52	0.283	33.01	-8.49
256-QAM	2535.0	1.20	270 / 0	21.27	22.47	0.177	33.01	-10.54	

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

FCC ID: BCGA3462		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device		Page 237 of 318

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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	1.60	1/1	27.27	28.87	0.771	33.01	-4.14	
		2593.0	1.60	24/0	28.17	29.77	0.948	33.01	-3.24	
		2685.0	1.60	24/0	27.15	28.75	0.750	33.01	-4.26	
		2501.0	1.60	1/1	27.30	28.90	0.776	33.01	-4.11	
	QPSK	2593.0	1.60	1/1	28.13	29.73	0.940	33.01	-3.28	
		2685.0	1.60	1/1	27.08	28.68	0.738	33.01	-4.33	
		16-QAM	2593.0	1.60	1/1	28.93	29.53	0.713	33.01	-4.48
		256-QAM	2593.0	1.60	24/0	28.23	27.83	0.607	33.01	-5.18
	n/2 BPSK	2593.0	1.60	24/0	24.30	25.90	0.389	33.01	-7.11	
		2503.5	1.60	1/1	27.15	28.75	0.750	33.01	-4.26	
		2593.0	1.60	36/0	28.06	29.66	0.925	33.01	-3.35	
		2682.5	1.60	36/0	27.01	28.61	0.728	33.01	-4.40	
15 MHz	11/2 BPSK	2503.5	1.60	1/1	27.18	28.78	0.755	33.01	-4.23	
		2593.0	1.60	1/1	28.06	29.66	0.925	33.01	-3.35	
		2682.5	1.60	1/1	27.06	28.66	0.735	33.01	-4.35	
		2593.0	1.60	1/1	28.90	28.52	0.711	33.01	-4.49	
	QPSK	2593.0	1.60	36/0	26.15	27.75	0.598	33.01	-5.26	
		2583.0	1.60	36/0	24.21	25.81	0.381	33.01	-7.20	
		16-QAM	2593.0	1.60	1/1	27.16	28.76	0.752	33.01	-4.25
		64-QAM	2593.0	1.60	24/0	28.11	28.71	0.835	33.01	-3.30
	256-QAM	2680.0	1.60	50/0	27.05	28.65	0.733	33.01	-4.36	
		2506.0	1.60	1/1	27.29	28.89	0.774	33.01	-4.12	
		2593.0	1.60	1/1	28.12	29.72	0.938	33.01	-3.29	
		2680.0	1.60	1/1	27.07	28.67	0.738	33.01	-4.34	
20 MHz	n/2 BPSK	2593.0	1.60	1/49	27.05	28.65	0.733	33.01	-4.36	
		2593.0	1.60	50/0	26.12	27.72	0.592	33.01	-5.29	
		2593.0	1.60	50/0	24.21	25.81	0.381	33.01	-7.20	
		2508.5	1.60	64/0	27.31	28.91	0.776	33.01	-4.10	
	QPSK	2593.0	1.60	64/0	28.15	29.75	0.944	33.01	-3.26	
		2677.5	1.60	64/0	27.12	28.72	0.745	33.01	-4.29	
		2508.5	1.60	1/1	27.15	28.75	0.750	33.01	-4.26	
		2593.0	1.60	1/32	28.03	28.63	0.818	33.01	-3.38	
	16-QAM	2677.5	1.60	1/32	27.03	28.63	0.729	33.01	-4.38	
		2593.0	1.60	1/1	26.96	28.56	0.718	33.01	-4.45	
		64-QAM	2593.0	1.60	84/0	26.20	27.80	0.603	33.01	-5.21
		256-QAM	2593.0	1.60	64/0	24.28	25.88	0.385	33.01	-7.15
25 MHz	11/2 BPSK	2511.0	1.60	1/1	27.17	28.77	0.753	33.01	-4.24	
		2593.0	1.60	75/0	28.14	29.74	0.942	33.01	-3.27	
		2675.0	1.60	1/1	27.28	28.88	0.773	33.01	-4.13	
		2511.0	1.60	1/1	27.25	28.85	0.767	33.01	-4.16	
	QPSK	2593.0	1.60	1/1	28.13	29.73	0.940	33.01	-3.28	
		2675.0	1.60	1/1	27.23	28.83	0.764	33.01	-4.18	
		16-QAM	2593.0	1.60	1/76	27.12	28.72	0.745	33.01	-4.29
		64-QAM	2593.0	1.60	75/0	28.14	27.74	0.594	33.01	-5.27
	256-QAM	2593.0	1.60	75/0	24.18	25.78	0.378	33.01	-7.23	
		2513.5	1.60	1/90	27.27	28.87	0.771	33.01	-4.14	
		2593.0	1.60	1/1	28.07	29.67	0.927	33.01	-3.34	
		2672.5	1.60	1/1	27.18	28.78	0.755	33.01	-4.23	
35 MHz	11/2 BPSK	2513.5	1.60	1/90	27.24	28.84	0.768	33.01	-4.17	
		2593.0	1.60	1/1	28.08	29.68	0.929	33.01	-3.33	
		2672.5	1.60	1/1	27.21	28.81	0.760	33.01	-4.20	
		2593.0	1.60	1/1	28.98	28.49	0.706	33.01	-4.52	
	QPSK	2593.0	1.60	90/0	26.12	27.72	0.592	33.01	-5.29	
		2593.0	1.60	90/0	24.17	25.77	0.378	33.01	-7.24	
		2516.0	1.60	1/104	27.25	28.85	0.767	33.01	-4.16	
		2593.0	1.60	100/0	28.08	29.68	0.929	33.01	-3.33	
	16-QAM	2670.0	1.60	1/1	27.26	28.86	0.769	33.01	-4.15	
		2516.0	1.60	1/1	27.23	28.83	0.764	33.01	-4.18	
		2593.0	1.60	1/1	28.20	29.80	0.955	33.01	-3.21	
		2670.0	1.60	1/1	27.12	28.72	0.745	33.01	-4.29	
40 MHz	11/2 BPSK	2593.0	1.60	1/104	27.04	28.64	0.731	33.01	-4.37	
		2593.0	1.60	100/0	26.17	27.77	0.598	33.01	-5.24	
		2593.0	1.60	100/0	24.22	25.82	0.382	33.01	-7.19	
		2518.5	1.60	1/117	27.14	28.74	0.748	33.01	-4.27	
	QPSK	2593.0	1.60	108/0	28.10	29.70	0.933	33.01	-3.31	
		2667.5	1.60	108/0	27.14	28.74	0.748	33.01	-4.27	
		2518.5	1.60	1/1	27.18	28.78	0.757	33.01	-4.22	
		2593.0	1.60	1/1	28.10	29.70	0.933	33.01	-3.31	
	16-QAM	2667.5	1.60	1/1	27.15	28.75	0.750	33.01	-4.26	
		2593.0	1.60	1/117	26.90	28.50	0.708	33.01	-4.51	
		64-QAM	2593.0	1.60	108/0	26.15	27.75	0.596	33.01	-5.26
		256-QAM	2593.0	1.60	108/0	24.26	25.86	0.386	33.01	-7.21
45 MHz	11/2 BPSK	2521.0	1.60	1/1	27.33	28.93	0.782	33.01	-4.08	
		2593.0	1.60	128/0	28.22	29.82	0.959	33.01	-3.19	
		2665.0	1.60	1/1	27.28	28.88	0.773	33.01	-4.13	
		2521.0	1.60	1/131	27.22	28.82	0.762	33.01	-4.19	
	QPSK	2593.0	1.60	1/84	28.04	29.64	0.920	33.01	-3.37	
		2665.0	1.60	1/1	27.37	28.97	0.789	33.01	-4.04	
		16-QAM	2593.0	1.60	1/64	28.93	28.53	0.713	33.01	-4.48
		64-QAM	2593.0	1.60	128/0	28.23	27.83	0.607	33.01	-5.18
	256-QAM	2593.0	1.60	128/0	24.24	25.84	0.384	33.01	-7.17	
		2526.0	1.60	1/160	27.29	28.89	0.774	33.01	-4.12	
		2593.0	1.60	162/0	28.06	29.66	0.925	33.01	-3.35	
		2660.0	1.60	1/1	27.22	28.82	0.762	33.01	-4.19	
60 MHz	11/2 BPSK	2526.0	1.60	1/160	27.29	28.89	0.774	33.01	-4.12	
		2593.0	1.60	1/1	28.18	29.78	0.951	33.01	-3.23	
		2660.0	1.60	1/1	27.33	28.93	0.782	33.01	-4.08	
		2593.0	1.60	1/160	28.94	28.54	0.714	33.01	-4.47	
	QPSK	2593.0	1.60	162/0	26.11	27.71	0.590	33.01	-5.30	
		2593.0	1.60	162/0	24.13	25.73	0.374	33.01	-7.28	
		2531.0	1.60	1/187	27.22	28.82	0.762	33.01	-4.19	
		2593.0	1.60	180/0	28.06	29.66	0.923	33.01	-3.36	
	16-QAM	2655.0	1.60	1/1	27.39	28.99	0.793	33.01	-4.02	
		2531.0	1.60	1/90	27.30	28.90	0.776	33.01	-4.11	
		2593.0	1.60	1/90	28.15	29.75	0.944	33.01	-3.26	
		2655.0	1.60	1/90	27.28	28.88	0.769	33.01	-4.15	
70 MHz	11/2 BPSK	2593.0	1.60	1/187	28.80	28.40	0.692	33.01	-4.61	
		2593.0	1.60	180/0	26.07	27.67	0.585	33.01	-5.34	
		2593.0	1.60	180/0	24.13	25.73	0.374	33.01	-7.28	
		2538.0	1.60	1/108	27.45	29.05	0.804	33.01	-3.96	
	QPSK	2593.0	1.60	216/0	28.06	29.66	0.925	33.01	-3.35	
		2650.0	1.60	1/1	27.40	29.00	0.794	33.01	-4.01	
		2538.0	1.60	1/108	27.64	29.24	0.839	33.01	-3.77	
		2593.0	1.60	1/216	28.98	28.58	0.591	33.01	-5.32	
	16-QAM	2650.0	1.60	1/1	27.54	29.14	0.820	33.01	-3.87	
		2593.0	1.60	1/108	28.92	28.52	0.711	33.01	-4.49	
		64-QAM	2593.0	1.60	216/0	28.09	27.69	0.587	33.01	-5.32
		256-QAM	2593.0	1.60	216/0	24.16	25.76	0.377	33.01	-7.25
90 MHz	11/2 BPSK	2541.0	1.60	1/243	27.47	29.07	0.807	33.01	-3.94	
		2593.0	1.60	243/0	28.07	29.67	0.927	33.01	-3.34	
		2645.0	1.60	1/1	27.53	29.13	0.818	33.01	-3.88	
		2541.0	1.60	1/120	27.45	29.05	0.804	33.01	-3.96	
	QPSK	2593.0	1.60	1/1	28.04	29.64	0.920	33.01	-3.37	
		2645.0	1.60	1/1	27.48	29.08	0.809	33.01	-3.93	
		16-QAM	2593.0	1.60	1/1	28.87	28.47	0.703	33.01	-4.54
		64-QAM	2593.0	1.60	243/0	26.07	27.67	0.585	33.01	-5.34
	256-QAM	2593.0	1.							

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	1.60	24 / 0	25.29	26.89	0.489	33.01	-6.12	
		2593.0	1.60	24 / 0	25.18	26.78	0.476	33.01	-6.23	
		2685.0	1.60	24 / 0	25.14	26.74	0.472	33.01	-6.27	
		2501.0	1.60	1 / 12	25.24	26.84	0.483	33.01	-6.17	
		2593.0	1.60	1 / 1	25.13	26.73	0.471	33.01	-6.28	
	QPSK	2685.0	1.60	1 / 1	25.08	26.68	0.466	33.01	-6.33	
		16-QAM	2501.0	1.60	1 / 1	24.10	25.70	0.372	33.01	-7.31
		64-QAM	2501.0	1.60	24 / 0	23.34	24.94	0.312	33.01	-8.07
		256-QAM	2501.0	1.60	24 / 0	21.32	22.92	0.196	33.01	-10.09
		2503.0	1.60	36 / 0	25.17	26.77	0.475	33.01	-6.24	
15 MHz	11/2 BPSK	2682.5	1.60	36 / 0	25.01	26.70	0.468	33.01	-6.31	
		2503.0	1.60	36 / 0	25.10	26.70	0.468	33.01	-6.30	
		2503.0	1.60	1 / 1	25.25	26.85	0.484	33.01	-6.16	
		2593.0	1.60	1 / 1	25.14	26.74	0.472	33.01	-6.27	
		2682.5	1.60	1 / 1	25.10	26.70	0.468	33.01	-6.31	
	QPSK	16-QAM	2593.0	1.60	1 / 18	24.18	25.79	0.379	33.01	-7.22
		64-QAM	2593.0	1.60	36 / 0	23.22	24.82	0.303	33.01	-8.19
		256-QAM	2503.0	1.60	36 / 0	21.19	22.79	0.190	33.01	-10.22
		2506.0	1.60	1 / 1	25.11	26.71	0.469	33.01	-6.30	
		2506.0	1.60	50 / 0	25.10	26.70	0.468	33.01	-6.31	
20 MHz	11/2 BPSK	2680.0	1.60	50 / 0	25.08	26.66	0.463	33.01	-6.35	
		2506.0	1.60	1 / 1	25.22	26.82	0.481	33.01	-6.19	
		2593.0	1.60	1 / 49	25.16	26.76	0.474	33.01	-6.25	
		2680.0	1.60	1 / 1	25.08	26.69	0.467	33.01	-6.32	
		16-QAM	2506.0	1.60	1 / 1	23.99	25.59	0.362	33.01	-7.42
	QPSK	64-QAM	2506.0	1.60	50 / 0	23.19	24.79	0.301	33.01	-8.22
		256-QAM	2506.0	1.60	50 / 0	21.26	22.86	0.193	33.01	-10.15
		2508.5	1.60	64 / 0	25.12	26.72	0.470	33.01	-6.29	
		2593.0	1.60	64 / 0	25.06	26.66	0.463	33.01	-6.35	
		2677.5	1.60	64 / 0	25.07	26.67	0.465	33.01	-6.34	
25 MHz	11/2 BPSK	2508.5	1.60	1 / 32	25.12	26.72	0.470	33.01	-6.29	
		2593.0	1.60	1 / 63	25.04	26.64	0.461	33.01	-6.37	
		2677.5	1.60	1 / 32	25.05	26.65	0.462	33.01	-6.36	
		16-QAM	2508.5	1.60	1 / 32	24.01	25.61	0.364	33.01	-7.40
		64-QAM	2508.5	1.60	64 / 0	23.28	24.88	0.308	33.01	-8.13
	QPSK	256-QAM	2508.5	1.60	64 / 0	21.30	22.90	0.196	33.01	-10.09
		2511.0	1.60	1 / 1	25.16	26.76	0.474	33.01	-6.25	
		2593.0	1.60	75 / 0	25.06	26.66	0.463	33.01	-6.35	
		2675.0	1.60	75 / 0	25.02	26.62	0.459	33.01	-6.39	
		2511.0	1.60	1 / 1	25.11	26.71	0.469	33.01	-6.30	
30 MHz	11/2 BPSK	2593.0	1.60	1 / 1	25.11	26.71	0.469	33.01	-6.30	
		2675.0	1.60	1 / 1	25.15	26.75	0.473	33.01	-6.26	
		16-QAM	2511.0	1.60	1 / 76	24.15	25.75	0.376	33.01	-7.26
		64-QAM	2593.0	1.60	75 / 0	23.23	24.83	0.304	33.01	-8.18
		256-QAM	2511.0	1.60	75 / 0	21.15	22.75	0.188	33.01	-10.26
	QPSK	2513.5	1.60	1 / 1	25.14	26.74	0.472	33.01	-6.27	
		2593.0	1.60	90 / 0	25.09	26.69	0.467	33.01	-6.32	
		2672.5	1.60	90 / 0	25.07	26.67	0.465	33.01	-6.34	
		2513.5	1.60	1 / 1	25.08	26.68	0.466	33.01	-6.33	
		2593.0	1.60	1 / 1	24.02	25.62	0.365	33.01	-7.39	
35 MHz	11/2 BPSK	2593.0	1.60	90 / 0	23.16	24.76	0.299	33.01	-8.25	
		2593.0	1.60	90 / 0	21.12	22.72	0.187	33.01	-10.29	
		2513.5	1.60	1 / 1	25.08	26.68	0.466	33.01	-6.33	
		2593.0	1.60	1 / 1	25.18	26.78	0.476	33.01	-6.23	
		2672.5	1.60	1 / 1	25.08	26.68	0.466	33.01	-6.33	
	QPSK	16-QAM	2513.5	1.60	1 / 1	24.02	25.62	0.365	33.01	-7.39
		64-QAM	2593.0	1.60	90 / 0	23.16	24.76	0.299	33.01	-8.25
		256-QAM	2593.0	1.60	90 / 0	21.12	22.72	0.187	33.01	-10.29
		2516.0	1.60	1 / 1	25.18	26.78	0.476	33.01	-6.23	
		2593.0	1.60	100 / 0	25.18	26.78	0.473	33.01	-6.26	
40 MHz	11/2 BPSK	2593.0	1.60	100 / 0	25.18	26.78	0.473	33.01	-6.26	
		2670.0	1.60	100 / 0	25.14	26.74	0.472	33.01	-6.27	
		2516.0	1.60	1 / 1	25.21	26.81	0.480	33.01	-6.20	
		2593.0	1.60	1 / 1	25.16	26.76	0.474	33.01	-6.25	
		2670.0	1.60	1 / 1	25.11	26.71	0.469	33.01	-6.30	
	QPSK	16-QAM	2516.0	1.60	1 / 1	24.00	25.60	0.363	33.01	-7.41
		64-QAM	2593.0	1.60	100 / 0	23.09	24.69	0.294	33.01	-8.32
		256-QAM	2516.0	1.60	100 / 0	21.12	22.72	0.187	33.01	-10.29
		2518.5	1.60	1 / 1	25.16	26.76	0.474	33.01	-6.25	
		2593.0	1.60	108 / 0	25.14	26.74	0.472	33.01	-6.27	
45 MHz	11/2 BPSK	2667.5	1.60	108 / 0	25.11	26.71	0.469	33.01	-6.30	
		2518.5	1.60	1 / 1	25.13	26.73	0.471	33.01	-6.28	
		2593.0	1.60	1 / 117	25.07	26.67	0.465	33.01	-6.34	
		2667.5	1.60	1 / 1	25.02	26.62	0.459	33.01	-6.39	
		16-QAM	2518.5	1.60	1 / 1	23.94	25.54	0.358	33.01	-7.47
	QPSK	64-QAM	2667.5	1.60	108 / 0	23.08	24.68	0.294	33.01	-8.33
		256-QAM	2593.0	1.60	108 / 0	21.14	22.74	0.188	33.01	-10.27
		2521.0	1.60	128 / 0	25.08	26.68	0.466	33.01	-6.33	
		2593.0	1.60	128 / 0	25.12	26.72	0.470	33.01	-6.29	
		2665.0	1.60	128 / 0	25.23	26.83	0.482	33.01	-6.18	
50 MHz	11/2 BPSK	2521.0	1.60	1 / 64	25.04	26.64	0.461	33.01	-6.37	
		2593.0	1.60	1 / 64	24.98	26.58	0.455	33.01	-6.43	
		2665.0	1.60	1 / 64	25.05	26.65	0.462	33.01	-6.36	
		16-QAM	2593.0	1.60	1 / 64	24.11	25.71	0.372	33.01	-7.30
		64-QAM	2665.0	1.60	128 / 0	23.18	24.78	0.301	33.01	-8.23
	QPSK	256-QAM	2665.0	1.60	128 / 0	21.19	22.79	0.186	33.01	-10.22
		2526.0	1.60	1 / 1	25.27	26.87	0.486	33.01	-6.14	
		2593.0	1.60	1 / 160	25.13	26.73	0.471	33.01	-6.28	
		2660.0	1.60	162 / 0	25.14	26.74	0.472	33.01	-6.27	
		2526.0	1.60	1 / 1	25.27	26.87	0.486	33.01	-6.14	
60 MHz	11/2 BPSK	2593.0	1.60	1 / 160	25.13	26.73	0.471	33.01	-6.28	
		2660.0	1.60	162 / 0	25.14	26.74	0.472	33.01	-6.27	
		2526.0	1.60	1 / 1	25.27	26.87	0.486	33.01	-6.14	
		2593.0	1.60	1 / 1	25.03	26.63	0.460	33.01	-6.38	
		2660.0	1.60	1 / 81	25.05	26.65	0.462	33.01	-6.36	
	QPSK	16-QAM	2526.0	1.60	1 / 1	23.94	25.54	0.358	33.01	-7.47
		64-QAM	2660.0	1.60	162 / 0	23.13	24.73	0.297	33.01	-8.28
		256-QAM	2660.0	1.60	162 / 0	21.09	22.69	0.186	33.01	-10.32
		2531.0	1.60	1 / 1	25.00	26.66	0.463	33.01	-6.35	
		2593.0	1.60	180 / 0	25.07	26.67	0.465	33.01	-6.34	
70 MHz	11/2 BPSK	2665.0	1.60	180 / 0	25.14	26.74	0.472	33.01	-6.27	
		2531.0	1.60	1 / 1	25.13	26.73	0.471	33.01	-6.28	
		2593.0	1.60	1 / 187	25.12	26.72	0.470	33.01	-6.29	
		16-QAM	2665.0	1.60	1 / 90	25.09	26.69	0.467	33.01	-6.32
		2665.0	1.60	1 / 90	23.97	25.57	0.356	33.01	-7.50	
	QPSK	64-QAM	2665.0	1.60	180 / 0	23.09	24.69	0.294	33.01	-8.32
		256-QAM	2665.0	1.60	180 / 0	21.09	22.69	0.186	33.01	-10.32
		2536.0	1.60	216 / 0	25.25	26.85	0.484	33.01	-6.16	
		2593.0	1.60	1 / 108	25.13	26.73	0.471	33.01	-6.28	
		2660.0	1.60	1 / 108	25.21	26.81	0.482	33.01	-6.18	
80 MHz	11/2 BPSK	2660.0	1.60	1 / 108	25.21	26.81	0.482	33.01	-6.18	
		2593.0	1.60	1 / 1	23.98	25.58	0.361	33.01	-7.43	
		2593.0	1.60	216 / 0	23.06	24.66	0.292	33.01	-8.35	
		2536.0	1.60	216 / 0	21.16	22.76	0.189	33.01	-10.25	
		2541.0	1.60	243 / 0	25.03	26.63	0.460	33.01	-6.38	
	QPSK	16-QAM	2593.0	1.60	243 / 0	25.04	26.64	0.461	33.01	-6.37
		64-QAM	2645.0	1.60	243 / 0	25.03	26.63	0.460	33.01	-6.38
		2541.0	1.60	1 / 120	25.24	26.84	0.483	33.01	-6.17	
		16-QAM	2593.0	1.60	1 / 243	25.21	26.81	0.480	33.01	-6.20
		2645.0	1.60	1 / 12	25.12	26.72	0.470	33.01	-6.29	
90 MHz	11/2 BPSK	2541.0	1.60	1 / 1	23.87	25.47	0.352	33.01	-7.54	
		2593.0	1.60	243 / 0	23.04	24.64	0.291	33.01	-8.37	
		2541.0	1.60	243 / 0	23.01	24.61	0.291	33.01	-8.40	
		2593.0	1.60	216 / 0	23.18	24.78	0.302	33.01	-8.24	
		2645.0	1.60	243 / 0	25.02	26.62	0.460	33.01	-6.39	
	QPSK	16-QAM	2541.0	1.60	1 / 1	23.87	25.47	0.352	33.01	-7.54
		64-QAM	2593.0	1.60	243 / 0	23.04	24.64	0.291	33.01	-8.37
		256-QAM	2541.0	1.60	243 / 0	23.01	24.61	0.291	33.01	-8.40
		2593.0	1.60	216 / 0	23.18	24.78	0.302	33.01	-8.24	
		2645.0	1.60	243 / 0	25.02	26.62	0.460	33.01	-6.39	
100 MHz	11/2 BPSK	2541.0	1.60	216 / 0	23.18	24.78	0.302	33.01	-8.24	
		2593.0	1.60	270 / 0	25.05	26.65	0.462	33.01	-6.36	
		2645.0	1.60	270 / 0	24.98	26.58	0.455	33.01	-6.43	
		2541.0	1.60	1 / 135	25.14	26.74	0.472	33.01	-6.27	
		2593.0	1.60	243 / 0	25.05	26.65	0.462	33.01	-6.36	
	QPSK	16-QAM	2541.0	1.60	1 / 135	24.88	26.48	0.445	33.01	-6.5

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	25.12	1.20	26.32	0.429	33.01	-6.69
				21100	2535.0	1	99		21298	2554.8	1	0	25.34	1.20	26.54	0.451	33.01	-6.47
				21350	2560.0	1	0		21152	2540.2	1	99	25.19	1.20	26.39	0.436	33.01	-6.62
			QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	24.92	1.20	26.12	0.409	33.01	-6.89
			16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	23.88	1.20	25.08	0.322	33.01	-7.93
			64-QAM	21100	2535	100	0	64-QAM	21298	2554.8	100	0	22.95	1.20	24.15	0.260	33.01	-8.86
			256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	20.79	1.20	21.99	0.158	33.01	-11.02

Table 7-10. Antenna 4 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	26.86	1.60	28.46	0.701	33.01	-4.55
				39790	2510.0	1	99		39988	2529.8	1	0	26.92	1.60	28.52	0.711	33.01	-4.49
				40620	2593.0	1	99		40818	2612.8	1	0	27.99	1.60	29.59	0.910	33.01	-3.42
				41490	2680.0	1	0		41292	2660.2	1	99	26.87	1.60	28.47	0.703	33.01	-4.54
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	27.33	1.60	28.93	0.782	33.01	-4.08
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	26.36	1.60	27.96	0.625	33.01	-5.05
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	25.41	1.60	27.01	0.502	33.01	-6.00
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	22.69	1.60	24.29	0.269	33.01	-8.72

Table 7-11. Antenna 4 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	1.60	26.12	0.409	33.01	-6.89
				39790	2510.0	1	99		39988	2529.8	1	0	24.48	1.60	26.08	0.406	33.01	-6.93
				40620	2593.0	1	99		40818	2612.8	1	0	25.39	1.60	26.99	0.500	33.01	-6.02
				41490	2680.0	1	0		41292	2660.2	1	99	24.51	1.60	26.11	0.408	33.01	-6.90
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.69	1.60	26.29	0.426	33.01	-6.72
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.75	1.60	25.35	0.343	33.01	-7.66
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.72	1.60	24.32	0.270	33.01	-8.69
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.89	1.60	21.49	0.141	33.01	-11.52

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

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.5.2 Antenna 2 - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	0.30	1 / 0	23.01	23.31	0.214	23.98	-0.67
		2310.0	0.30	1 / 0	23.04	23.34	0.216	23.98	-0.64
		2312.5	0.30	1 / 0	22.86	23.16	0.207	23.98	-0.82
	16-QAM	2307.5	0.30	1 / 0	22.46	22.76	0.189	23.98	-1.22
	64-QAM	2310.0	0.30	1 / 0	21.39	21.69	0.148	23.98	-2.29
10 MHz	256-QAM	2307.5	0.30	25 / 0	18.63	18.93	0.078	23.98	-5.05
	QPSK	2310.0	0.30	1 / 25	22.87	23.17	0.207	23.98	-0.81
		2310.0	0.30	1 / 25	22.23	22.53	0.179	23.98	-1.45
		2310.0	0.30	1 / 25	21.30	21.60	0.145	23.98	-2.38
	256-QAM	2310.0	0.30	50 / 0	18.60	18.90	0.078	23.98	-5.08

Table 7-13. Antenna 2 EIRP Data (LTE Band 30)

FCC ID: BCGA3462	 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	3.40	1 / 0	24.21	27.61	0.577	33.01	-5.40
		2535.0	3.40	1 / 24	24.18	27.58	0.573	33.01	-5.43
		2567.5	3.40	1 / 24	23.96	27.36	0.545	33.01	-5.65
	16-QAM	2502.5	3.40	1 / 12	23.56	26.96	0.497	33.01	-6.05
	64-QAM	2535.0	3.40	1 / 24	22.45	25.85	0.385	33.01	-7.16
	256-QAM	2502.5	3.40	25 / 0	19.58	22.98	0.199	33.01	-10.03
10 MHz	QPSK	2505.0	3.40	1 / 0	24.08	27.48	0.560	33.01	-5.53
		2535.0	3.40	1 / 49	24.10	27.50	0.562	33.01	-5.51
		2565.0	3.40	1 / 25	24.09	27.49	0.561	33.01	-5.52
	16-QAM	2535.0	3.40	1 / 25	23.43	26.83	0.482	33.01	-6.18
	64-QAM	2505.0	3.40	1 / 49	22.41	25.81	0.381	33.01	-7.20
	256-QAM	2565.0	3.40	50 / 0	19.63	23.03	0.201	33.01	-9.98
15 MHz	QPSK	2507.5	3.40	1 / 74	24.15	27.55	0.569	33.01	-5.46
		2535.0	3.40	1 / 37	24.05	27.45	0.556	33.01	-5.56
		2562.5	3.40	1 / 37	24.00	27.40	0.550	33.01	-5.61
	16-QAM	2562.5	3.40	1 / 37	23.47	26.87	0.486	33.01	-6.14
	64-QAM	2507.5	3.40	1 / 74	22.39	25.79	0.379	33.01	-7.22
	256-QAM	2562.5	3.40	75 / 0	19.54	22.94	0.197	33.01	-10.07
20 MHz	QPSK	2510.0	3.40	1 / 50	23.75	27.15	0.519	33.01	-5.86
		2535.0	3.40	1 / 50	24.07	27.47	0.558	33.01	-5.54
		2560.0	3.40	1 / 50	24.00	27.40	0.550	33.01	-5.61
	16-QAM	2535.0	3.40	1 / 50	23.48	26.88	0.488	33.01	-6.13
	64-QAM	2535.0	3.40	1 / 50	22.26	25.66	0.368	33.01	-7.35
	256-QAM	2560.0	3.40	100 / 0	19.55	22.95	0.197	33.01	-10.06

Table 7-14. Antenna 2 EIRP Data (LTE Band 7)

FCC ID: BCGA3462	 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	2.90	1 / 0	27.30	30.20	1.047	33.01	-2.81
		2593.0	2.90	1 / 24	28.17	31.07	1.279	33.01	-1.94
		2687.5	2.90	1 / 24	27.22	30.12	1.028	33.01	-2.89
	16-QAM	2593.0	2.90	1 / 24	27.75	30.65	1.161	33.01	-2.36
	64-QAM	2593.0	2.90	1 / 24	26.44	29.34	0.859	33.01	-3.67
	256-QAM	2593.0	2.90	25 / 0	23.48	26.38	0.435	33.01	-6.63
10 MHz	QPSK	2501.0	2.90	1 / 0	27.30	30.20	1.047	33.01	-2.81
		2593.0	2.90	1 / 25	28.12	31.02	1.265	33.01	-1.99
		2685.0	2.90	1 / 25	27.33	30.23	1.054	33.01	-2.78
	16-QAM	2593.0	2.90	1 / 49	27.71	30.61	1.151	33.01	-2.40
	64-QAM	2593.0	2.90	1 / 49	26.67	29.57	0.906	33.01	-3.44
	256-QAM	2593.0	2.90	1 / 49	23.60	26.50	0.447	33.01	-6.51
15 MHz	QPSK	2503.5	2.90	1 / 37	27.28	30.18	1.042	33.01	-2.83
		2593.0	2.90	1 / 37	28.18	31.08	1.282	33.01	-1.93
		2682.5	2.90	1 / 37	27.23	30.13	1.030	33.01	-2.88
	16-QAM	2593.0	2.90	1 / 74	27.41	30.31	1.074	33.01	-2.70
	64-QAM	2593.0	2.90	1 / 74	26.58	29.48	0.887	33.01	-3.53
	256-QAM	2593.0	2.90	75 / 0	23.51	26.41	0.438	33.01	-6.60
20 MHz	QPSK	2506.0	2.90	1 / 50	27.13	30.03	1.007	33.01	-2.98
		2593.0	2.90	1 / 50	28.00	30.90	1.230	33.01	-2.11
		2680.0	2.90	1 / 50	27.37	30.27	1.064	33.01	-2.74
	16-QAM	2593.0	2.90	1 / 50	27.58	30.48	1.117	33.01	-2.53
	64-QAM	2593.0	2.90	1 / 50	26.45	29.35	0.861	33.01	-3.66
	256-QAM	2593.0	2.90	100 / 0	23.53	26.43	0.440	33.01	-6.58

Table 7-15. Antenna 2 EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3462	 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	2.90	1 / 24	25.25	28.15	0.653	33.01	-4.86
		2593.0	2.90	1 / 24	25.05	27.95	0.624	33.01	-5.06
		2687.5	2.90	1 / 0	25.09	27.99	0.630	33.01	-5.02
	16-QAM	2687.5	2.90	1 / 24	24.23	27.13	0.516	33.01	-5.88
	64-QAM	2498.5	2.90	1 / 0	23.13	26.03	0.401	33.01	-6.98
	256-QAM	2687.5	2.90	25 / 0	20.57	23.47	0.222	33.01	-9.54
10 MHz	QPSK	2501.0	2.90	1 / 0	25.24	28.14	0.652	33.01	-4.87
		2593.0	2.90	1 / 25	25.06	27.96	0.625	33.01	-5.05
		2685.0	2.90	1 / 25	25.14	28.04	0.637	33.01	-4.97
	16-QAM	2501.0	2.90	1 / 0	24.35	27.25	0.531	33.01	-5.76
	64-QAM	2685.0	2.90	1 / 49	23.20	26.10	0.407	33.01	-6.91
	256-QAM	2685.0	2.90	50 / 0	20.64	23.54	0.226	33.01	-9.47
15 MHz	QPSK	2503.5	2.90	1 / 37	25.01	27.91	0.618	33.01	-5.10
		2593.0	2.90	1 / 37	24.90	27.80	0.603	33.01	-5.21
		2682.5	2.90	1 / 37	25.08	27.98	0.628	33.01	-5.03
	16-QAM	2682.5	2.90	1 / 37	24.06	26.96	0.497	33.01	-6.05
	64-QAM	2682.5	2.90	1 / 37	23.12	26.02	0.400	33.01	-6.99
	256-QAM	2503.5	2.90	75 / 0	20.56	23.46	0.222	33.01	-9.55
20 MHz	QPSK	2506.0	2.90	1 / 50	24.97	27.87	0.612	33.01	-5.14
		2593.0	2.90	1 / 50	24.89	27.79	0.601	33.01	-5.22
		2680.0	2.90	1 / 50	25.12	28.02	0.634	33.01	-4.99
	16-QAM	2506.0	2.90	1 / 50	24.13	27.03	0.505	33.01	-5.98
	64-QAM	2680.0	2.90	1 / 50	22.99	25.89	0.388	33.01	-7.12
	256-QAM	2506.0	2.90	100 / 0	20.55	23.45	0.221	33.01	-9.56

Table 7-16. Antenna 2 EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3462	 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	0.30	25 / 0	22.79	23.09	0.204	23.98	-0.89
		2310.0	0.30	25 / 0	22.75	23.05	0.202	23.98	-0.93
		2312.5	0.30	25 / 0	22.73	23.03	0.201	23.98	-0.95
	QPSK	2307.5	0.30	1 / 12	22.71	23.01	0.200	23.98	-0.97
		2310.0	0.30	1 / 12	22.68	22.98	0.199	23.98	-1.00
		2312.5	0.30	1 / 23	22.82	23.12	0.205	23.98	-0.86
	16-QAM	2307.5	0.30	1 / 12	21.60	21.90	0.155	23.98	-2.08
	64-QAM	2307.5	0.30	25 / 0	20.83	21.13	0.130	23.98	-2.85
	256-QAM	2307.5	0.30	25 / 0	18.87	19.17	0.083	23.98	-4.81
10 MHz	$\pi/2$ BPSK	2310.0	0.30	50 / 0	22.81	23.11	0.205	23.98	-0.87
	QPSK	2310.0	0.30	1 / 1	22.82	23.12	0.205	23.98	-0.86
	16-QAM	2310.0	0.30	1 / 50	21.58	21.88	0.154	23.98	-2.10
	64-QAM	2310.0	0.30	50 / 0	20.74	21.04	0.127	23.98	-2.94
	256-QAM	2310.0	0.30	50 / 0	18.89	19.19	0.083	23.98	-4.79

Table 7-17. Antenna 2 EIRP Data (NR Band n30)

FCC ID: BCGA3462	 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	11/2 BPSK	2502.5	3.40	25 / 0	24.24	27.64	0.581	33.01	-5.37
		2535.0	3.40	25 / 0	24.15	27.55	0.569	33.01	-5.46
		2567.5	3.40	25 / 0	24.02	27.42	0.552	33.01	-5.59
	QPSK	2502.5	3.40	1 / 23	24.20	27.60	0.575	33.01	-5.41
		2535.0	3.40	1 / 23	24.13	27.53	0.566	33.01	-5.48
		2567.5	3.40	1 / 1	24.03	27.43	0.553	33.01	-5.58
	16-QAM	2502.5	3.40	1 / 23	23.00	26.40	0.436	33.01	-6.61
	64-QAM	2502.5	3.40	25 / 0	22.23	25.63	0.365	33.01	-7.38
256-QAM	2502.5	3.40	25 / 0	20.14	23.54	0.226	33.01	-9.47	
10 MHz	11/2 BPSK	2505.0	3.40	50 / 0	24.13	27.53	0.566	33.01	-5.48
		2535.0	3.40	50 / 0	24.20	27.60	0.576	33.01	-5.41
		2565.0	3.40	50 / 0	24.16	27.56	0.570	33.01	-5.45
	QPSK	2505.0	3.40	1 / 1	24.07	27.47	0.558	33.01	-5.54
		2535.0	3.40	1 / 1	24.16	27.56	0.571	33.01	-5.45
		2565.0	3.40	1 / 1	24.06	27.46	0.557	33.01	-5.55
	16-QAM	2535.0	3.40	1 / 50	23.08	26.48	0.445	33.01	-6.53
	64-QAM	2535.0	3.40	50 / 0	22.18	25.58	0.361	33.01	-7.43
256-QAM	2505.0	3.40	50 / 0	20.23	23.63	0.231	33.01	-9.38	
15 MHz	11/2 BPSK	2507.5	3.40	75 / 0	24.09	27.49	0.561	33.01	-5.52
		2535.0	3.40	75 / 0	24.17	27.57	0.571	33.01	-5.44
		2562.5	3.40	75 / 0	24.05	27.45	0.556	33.01	-5.56
	QPSK	2507.5	3.40	1 / 1	24.10	27.50	0.562	33.01	-5.51
		2535.0	3.40	1 / 1	24.02	27.42	0.552	33.01	-5.59
		2562.5	3.40	1 / 1	23.98	27.38	0.547	33.01	-5.63
	16-QAM	2507.5	3.40	1 / 1	23.03	26.43	0.439	33.01	-6.58
	64-QAM	2535.0	3.40	75 / 0	22.17	25.57	0.360	33.01	-7.44
256-QAM	2535.0	3.40	75 / 0	20.16	23.56	0.227	33.01	-9.45	
20 MHz	11/2 BPSK	2510.0	3.40	100 / 0	24.14	27.54	0.568	33.01	-5.47
		2535.0	3.40	100 / 0	24.15	27.55	0.569	33.01	-5.46
		2560.0	3.40	100 / 0	24.07	27.47	0.558	33.01	-5.54
	QPSK	2510.0	3.40	1 / 1	24.10	27.50	0.563	33.01	-5.51
		2535.0	3.40	1 / 104	24.12	27.52	0.565	33.01	-5.49
		2560.0	3.40	1 / 1	24.06	27.46	0.558	33.01	-5.55
	16-QAM	2510.0	3.40	1 / 1	22.94	26.34	0.430	33.01	-6.67
	64-QAM	2510.0	3.40	100 / 0	22.21	25.61	0.364	33.01	-7.40
256-QAM	2510.0	3.40	100 / 0	20.18	23.58	0.228	33.01	-9.43	
25 MHz	11/2 BPSK	2512.5	3.40	128 / 0	24.16	27.56	0.570	33.01	-5.45
		2535.0	3.40	128 / 0	24.18	27.58	0.573	33.01	-5.43
		2557.5	3.40	128 / 0	24.08	27.48	0.560	33.01	-5.53
	QPSK	2512.5	3.40	1 / 64	24.25	27.65	0.582	33.01	-5.36
		2535.0	3.40	1 / 64	24.03	27.43	0.553	33.01	-5.58
		2557.5	3.40	1 / 64	23.92	27.32	0.539	33.01	-5.69
	16-QAM	2512.5	3.40	1 / 64	22.94	26.34	0.431	33.01	-6.67
	64-QAM	2512.5	3.40	128 / 0	22.26	25.66	0.368	33.01	-7.35
256-QAM	2512.5	3.40	128 / 0	20.21	23.61	0.229	33.01	-9.40	
30 MHz	11/2 BPSK	2515.0	3.40	1 / 158	24.25	27.65	0.581	33.01	-5.36
		2535.0	3.40	160 / 0	24.18	27.58	0.573	33.01	-5.43
		2555.0	3.40	160 / 0	24.04	27.44	0.554	33.01	-5.57
	QPSK	2515.0	3.40	1 / 158	24.34	27.74	0.595	33.01	-5.27
		2535.0	3.40	1 / 1	24.04	27.44	0.554	33.01	-5.57
		2555.0	3.40	1 / 1	23.99	27.39	0.548	33.01	-5.62
	16-QAM	2535.0	3.40	1 / 1	22.98	26.38	0.435	33.01	-6.63
	64-QAM	2535.0	3.40	160 / 0	22.20	25.60	0.363	33.01	-7.41
256-QAM	2535.0	3.40	160 / 0	20.19	23.59	0.228	33.01	-9.42	
35 MHz	11/2 BPSK	2517.5	3.40	180 / 0	24.09	27.49	0.561	33.01	-5.52
		2535.0	3.40	180 / 0	24.18	27.58	0.572	33.01	-5.43
		2562.5	3.40	1 / 1	24.09	27.49	0.561	33.01	-5.52
	QPSK	2517.5	3.40	1 / 1	24.05	27.45	0.555	33.01	-5.57
		2535.0	3.40	1 / 90	24.04	27.44	0.555	33.01	-5.57
		2562.5	3.40	1 / 1	23.98	27.38	0.547	33.01	-5.63
	16-QAM	2517.5	3.40	1 / 186	22.95	26.35	0.431	33.01	-6.66
	64-QAM	2535.0	3.40	180 / 0	22.15	25.55	0.359	33.01	-7.46
256-QAM	2535.0	3.40	180 / 0	20.13	23.53	0.225	33.01	-9.48	
40 MHz	11/2 BPSK	2520.0	3.40	216 / 0	24.18	27.58	0.573	33.01	-5.43
		2535.0	3.40	216 / 0	24.17	27.57	0.571	33.01	-5.44
		2550.0	3.40	216 / 0	24.07	27.47	0.559	33.01	-5.54
	QPSK	2520.0	3.40	1 / 1	23.98	27.38	0.547	33.01	-5.63
		2535.0	3.40	1 / 108	24.13	27.53	0.566	33.01	-5.48
		2550.0	3.40	1 / 1	24.13	27.53	0.566	33.01	-5.48
	16-QAM	2550.0	3.40	1 / 1	22.99	26.39	0.435	33.01	-6.62
	64-QAM	2520.0	3.40	216 / 0	22.18	25.58	0.361	33.01	-7.43
256-QAM	2535.0	3.40	216 / 0	20.20	23.60	0.229	33.01	-9.41	
50 MHz	11/2 BPSK	2525.0	3.40	270 / 0	24.08	27.48	0.560	33.01	-5.53
		2535.0	3.40	270 / 0	24.19	27.59	0.575	33.01	-5.42
		2545.0	3.40	1 / 135	24.10	27.50	0.562	33.01	-5.51
	QPSK	2525.0	3.40	1 / 135	23.96	27.36	0.544	33.01	-5.65
		2535.0	3.40	1 / 135	24.12	27.52	0.564	33.01	-5.49
		2545.0	3.40	1 / 1	23.97	27.37	0.546	33.01	-5.64
	16-QAM	2535.0	3.40	1 / 135	22.97	26.37	0.434	33.01	-6.64
	64-QAM	2535.0	3.40	270 / 0	22.20	25.60	0.363	33.01	-7.41
256-QAM	2535.0	3.40	270 / 0	20.29	23.69	0.234	33.01	-9.32	

Table 7-18. Antenna 2 EIRP Data (NR Band n7)

FCC ID: BCGA3462		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device		Page 246 of 318

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NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	
10 MHz	n12 BPSK	2501.0	2.50	1/22	26.89	29.79	0.953	33.01	-3.22	
		2550.0	2.50	24/0	28.20	31.10	1.288	33.01	-1.91	
		2685.0	2.50	24/0	27.33	30.23	1.054	33.01	-2.78	
		2501.0	2.50	1/12	26.97	29.87	0.971	33.01	-3.14	
		2550.0	2.50	1/1	28.17	31.07	1.279	33.01	-1.94	
		2685.0	2.50	1/1	27.26	30.16	1.038	33.01	-2.85	
	QPSK	2550.0	2.50	1/12	27.00	29.90	0.977	33.01	-3.11	
		64-QAM	2550.0	2.50	24/0	28.30	29.20	0.832	33.01	-3.81
		256-QAM	2550.0	2.50	24/0	24.35	27.25	0.531	33.01	-5.76
		n12 BPSK	2503.5	2.50	1/36	26.91	29.81	0.957	33.01	-3.20
		2682.5	2.50	36/0	27.29	30.99	1.256	33.01	-2.02	
		2503.5	2.50	36/0	27.01	29.91	1.026	33.01	-2.90	
15 MHz	QPSK	2503.5	2.50	1/36	26.94	29.84	0.964	33.01	-3.17	
		2550.0	2.50	1/18	28.17	31.07	1.279	33.01	-1.94	
		2682.5	2.50	1/36	27.20	30.10	1.023	33.01	-2.91	
		2503.5	2.50	1/36	26.94	29.84	0.964	33.01	-3.17	
		2550.0	2.50	1/18	28.17	31.07	1.279	33.01	-1.94	
		2682.5	2.50	1/36	27.20	30.10	1.023	33.01	-2.91	
	16-QAM	2593.0	2.50	1/18	27.18	28.18	30.08	0.919	33.01	-2.93
		64-QAM	2593.0	2.50	36/0	28.19	29.09	0.811	33.01	-3.92
		256-QAM	2593.0	2.50	36/0	24.26	27.16	0.520	33.01	-5.85
		n12 BPSK	2550.0	2.50	1/49	28.32	29.82	0.989	33.01	-3.14
		2593.0	2.50	1/49	28.19	29.19	31.09	1.285	33.01	-1.92
		2680.0	2.50	1/25	27.20	30.10	1.023	33.01	-2.91	
20 MHz	QPSK	2593.0	2.50	50/0	26.15	29.05	0.804	33.01	-3.96	
		2593.0	2.50	50/0	24.26	27.16	0.520	33.01	-5.85	
		2593.0	2.50	64/0	27.08	29.98	0.991	33.01	-3.05	
		n12 BPSK	2593.0	2.50	64/0	24.26	27.16	0.520	33.01	-5.85
		2593.0	2.50	64/0	27.08	29.98	0.991	33.01	-3.05	
		2593.0	2.50	64/0	24.30	27.20	0.528	33.01	-5.78	
	16-QAM	2593.0	2.50	50/0	26.15	29.05	0.804	33.01	-3.96	
		64-QAM	2593.0	2.50	50/0	24.26	27.16	0.520	33.01	-5.85
		256-QAM	2593.0	2.50	50/0	24.26	27.16	0.520	33.01	-5.85
		n12 BPSK	2593.0	2.50	64/0	27.08	29.98	0.991	33.01	-3.05
		2593.0	2.50	64/0	24.30	27.20	0.528	33.01	-5.78	
		2593.0	2.50	64/0	24.33	27.23	0.528	33.01	-5.81	
25 MHz	QPSK	2511.0	2.50	1/76	27.02	29.92	0.982	33.01	-3.09	
		n12 BPSK	2593.0	2.50	1/76	28.19	31.09	1.285	33.01	-1.92
		2675.0	2.50	1/76	27.38	30.29	1.069	33.01	-2.72	
		2511.0	2.50	1/76	27.02	29.92	0.982	33.01	-3.09	
		2593.0	2.50	1/76	28.21	31.11	1.291	33.01	-1.93	
		2675.0	2.50	1/76	27.34	30.24	1.057	33.01	-2.77	
	16-QAM	2593.0	2.50	1/76	27.02	29.92	0.982	33.01	-3.09	
		64-QAM	2593.0	2.50	75/0	26.22	29.12	0.817	33.01	-3.89
		256-QAM	2593.0	2.50	75/0	24.17	27.07	0.509	33.01	-5.94
		n12 BPSK	2513.5	2.50	1/90	27.45	30.35	1.084	33.01	-2.66
		2593.0	2.50	90/0	28.16	31.06	1.276	33.01	-1.95	
		2672.5	2.50	1/90	27.59	30.46	1.112	33.01	-2.55	
30 MHz	QPSK	2513.5	2.50	1/90	27.48	30.38	1.091	33.01	-2.63	
		2593.0	2.50	1/90	28.18	31.08	1.282	33.01	-1.93	
		2672.5	2.50	1/1	27.30	30.22	1.052	33.01	-2.79	
		16-QAM	2593.0	2.50	90/0	26.18	29.08	0.809	33.01	-3.93
		64-QAM	2593.0	2.50	90/0	24.14	27.04	0.506	33.01	-5.97
		256-QAM	2593.0	2.50	90/0	24.14	27.04	0.506	33.01	-5.97
	n12 BPSK	2516.0	2.50	1/104	27.43	30.33	1.079	33.01	-2.68	
		2593.0	2.50	100/0	28.17	31.07	1.279	33.01	-1.94	
		2670.0	2.50	1/1	27.58	30.48	1.117	33.01	-2.53	
		2516.0	2.50	1/104	27.47	30.37	1.089	33.01	-2.64	
		2593.0	2.50	1/104	28.19	31.09	1.285	33.01	-1.92	
		2670.0	2.50	1/1	27.40	30.30	1.072	33.01	-2.71	
40 MHz	QPSK	2593.0	2.50	1/104	27.01	29.91	0.979	33.01	-3.10	
		64-QAM	2593.0	2.50	100/0	26.21	29.11	0.815	33.01	-3.90
		256-QAM	2593.0	2.50	100/0	24.16	27.06	0.507	33.01	-5.96
		n12 BPSK	2518.5	2.50	1/117	27.38	30.29	1.085	33.01	-2.72
		2593.0	2.50	108/0	28.18	31.08	1.282	33.01	-1.93	
		2667.5	2.50	1/117	27.48	30.38	1.091	33.01	-2.63	
	QPSK	2518.5	2.50	1/117	27.52	30.42	1.102	33.01	-2.59	
		2593.0	2.50	1/117	28.11	31.01	1.262	33.01	-2.00	
		2667.5	2.50	1/1	27.55	30.45	1.109	33.01	-2.56	
		16-QAM	2667.5	2.50	1/1	27.11	30.01	1.002	33.01	-3.00
		64-QAM	2593.0	2.50	108/0	28.18	29.09	0.811	33.01	-3.92
		256-QAM	2593.0	2.50	108/0	24.21	27.11	0.514	33.01	-5.90
45 MHz	n12 BPSK	2521.0	2.50	1/131	27.29	30.19	1.045	33.01	-2.82	
		2593.0	2.50	128/0	28.18	31.08	1.282	33.01	-1.93	
		2665.0	2.50	1/131	27.46	30.36	1.086	33.01	-2.65	
		n12 BPSK	2521.0	2.50	1/131	27.41	30.31	1.074	33.01	-2.70
		2593.0	2.50	1/64	28.08	30.98	1.253	33.01	-2.03	
		2665.0	2.50	1/1	27.43	30.33	1.079	33.01	-2.68	
	16-QAM	2593.0	2.50	1/64	27.65	29.95	0.989	33.01	-3.08	
		64-QAM	2593.0	2.50	128/0	26.26	29.16	0.824	33.01	-3.85
		256-QAM	2593.0	2.50	128/0	24.25	27.15	0.519	33.01	-5.86
		n12 BPSK	2526.0	2.50	1/160	27.39	30.29	1.069	33.01	-2.72
		2593.0	2.50	162/0	28.14	31.04	1.271	33.01	-1.97	
		2660.0	2.50	1/1	27.29	30.19	1.045	33.01	-2.82	
60 MHz	QPSK	2526.0	2.50	1/81	27.49	30.39	1.094	33.01	-2.62	
		2593.0	2.50	1/160	28.13	31.03	1.268	33.01	-1.98	
		2660.0	2.50	1/1	27.43	30.33	1.079	33.01	-2.68	
		16-QAM	2593.0	2.50	1/160	26.98	29.88	0.973	33.01	-3.13
		64-QAM	2593.0	2.50	162/0	26.18	29.08	0.809	33.01	-3.93
		256-QAM	2593.0	2.50	162/0	24.14	27.04	0.506	33.01	-5.97
	n12 BPSK	2531.0	2.50	1/150	27.52	30.42	1.102	33.01	-2.59	
		2593.0	2.50	180/0	28.17	31.07	1.279	33.01	-1.94	
		2655.0	2.50	1/1	27.40	30.30	1.072	33.01	-2.71	
		2531.0	2.50	1/187	27.46	30.36	1.086	33.01	-2.65	
		2593.0	2.50	1/187	28.13	31.03	1.268	33.01	-1.98	
		2655.0	2.50	1/90	27.56	30.46	1.112	33.01	-2.55	
80 MHz	16-QAM	2593.0	2.50	1/187	26.86	29.76	0.946	33.01	-3.25	
		64-QAM	2593.0	2.50	180/0	26.15	29.05	0.804	33.01	-3.96
		256-QAM	2593.0	2.50	180/0	24.11	27.01	0.502	33.01	-6.00
		n12 BPSK	2536.0	2.50	1/215	27.63	30.53	1.130	33.01	-2.48
		2593.0	2.50	216/0	28.20	31.10	1.288	33.01	-1.91	
		2659.0	2.50	1/1	27.60	30.50	1.122	33.01	-2.51	
	QPSK	2536.0	2.50	1/108	27.82	30.52	1.127	33.01	-2.49	
		2593.0	2.50	1/1	28.16	31.06	1.276	33.01	-1.95	
		2659.0	2.50	1/1	27.61	30.51	1.125	33.01	-2.50	
		16-QAM	2593.0	2.50	1/215	26.99	29.89	0.975	33.01	-3.12
		64-QAM	2593.0	2.50	216/0	26.16	29.06	0.805	33.01	-3.93
		256-QAM	2593.0	2.50	216/0	24.16	27.06	0.508	33.01	-5.95
90 MHz	n12 BPSK	2541.0	2.50	1/243	27.53	30.43	1.104	33.01	-2.58	
		2593.0	2.50	243/0	28.14	31.04	1.271	33.01	-1.97	
		2645.0	2.50	1/1	27.51	30.41	1.099	33.01	-2.60	
		QPSK	2541.0	2.50	1/243	27.62	30.52	1.127	33.01	-2.49
		2593.0	2.50	1/120	28.26	31.16	1.306	33.01	-1.85	
		2645.0	2.50	1/1	27.69	30.59	1.146	33.01	-2.42	
	16-QAM	2593.0	2.50	1/120	26.90	29.80	0.955	33.01	-3.21	
		64-QAM	2593.0	2.50	243/0	26.16	29.06	0.805	33.01	-3.95
		256-QAM	2593.0	2.50	243/0	24.15	27.05	0.507	33.01	-5.96
		n12 BPSK	2546.0	2.50	1/270	27.41	30.31	1.074	33.01	-2.70
		2593.0	2.50	270/0	28.14	31.04	1.271	33.01	-1.97	
		2640.0	2.50	1/135	27.47	30.37	1.089	33.01	-2.62	
100 MHz	QPSK	2540.0	2.50	1/135	27.45	30.35	1.084	33.01	-2.64	
		2593.0	2.50	1/135	27.47	30.37	1.089	33.01	-2.62	
		2593.0	2.50	1/135	27.49	30.39	1.094	33.01	-2.60	
		64-QAM	2593.0	2.50	270/0	26.22	29.12	0.817	33.01	-3.89
		256-QAM	2593.0	2.50	270/0	24.16	27.06	0.508	33.01	-5.95
		2593.0	2.50	270/0	26.22	29.12	0.817	33.01	-3.89	

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	2.90	24 / 0	24.91	27.81	0.604	33.01	-5.20
		2503.0	2.90	24 / 0	25.19	28.09	0.644	33.01	-4.92
		2505.0	2.90	24 / 0	25.27	28.17	0.656	33.01	-4.84
		2507.0	2.90	1 / 1	24.89	27.79	0.601	33.01	-5.22
		2509.0	2.90	1 / 1	25.10	28.00	0.631	33.01	-5.01
	QPSK	2505.0	2.90	1 / 12	24.02	26.92	0.492	33.01	-6.09
		2507.0	2.90	24 / 0	23.35	26.25	0.422	33.01	-6.76
		2509.0	2.90	24 / 0	21.27	24.17	0.261	33.01	-8.84
		2511.0	2.90	1 / 1	24.94	27.84	0.608	33.01	-5.17
		2513.0	2.90	36 / 0	25.05	27.65	0.624	33.01	-5.06
15 MHz	11/2 BPSK	2503.0	2.90	36 / 0	25.12	28.02	0.634	33.01	-4.99
		2505.0	2.90	1 / 1	24.90	27.80	0.603	33.01	-5.21
		2507.0	2.90	1 / 1	25.09	27.99	0.630	33.01	-5.02
		2509.0	2.90	1 / 36	25.14	28.04	0.637	33.01	-4.97
		2511.0	2.90	1 / 36	23.95	26.85	0.484	33.01	-6.16
	QPSK	2509.0	2.90	36 / 0	23.21	26.11	0.408	33.01	-6.90
		2511.0	2.90	36 / 0	21.36	24.26	0.267	33.01	-8.75
		2513.0	2.90	50 / 0	24.88	27.78	0.600	33.01	-5.23
		2515.0	2.90	50 / 0	25.08	27.99	0.630	33.01	-5.02
		2517.0	2.90	50 / 0	25.16	28.06	0.640	33.01	-4.95
20 MHz	11/2 BPSK	2506.0	2.90	1 / 49	24.88	27.78	0.600	33.01	-5.23
		2508.0	2.90	1 / 49	25.10	28.00	0.631	33.01	-5.01
		2510.0	2.90	1 / 49	25.15	28.05	0.638	33.01	-4.96
		2512.0	2.90	50 / 0	23.18	26.08	0.406	33.01	-6.93
		2514.0	2.90	50 / 0	21.25	24.15	0.260	33.01	-8.86
	QPSK	2514.0	2.90	50 / 0	23.18	26.08	0.406	33.01	-6.93
		2516.0	2.90	50 / 0	21.25	24.15	0.260	33.01	-8.86
		2518.0	2.90	64 / 0	25.08	27.88	0.628	33.01	-5.03
		2520.0	2.90	64 / 0	25.23	28.13	0.650	33.01	-4.88
		2522.0	2.90	64 / 0	25.29	28.19	0.659	33.01	-4.82
25 MHz	11/2 BPSK	2517.5	2.90	1 / 32	24.84	27.74	0.594	33.01	-5.27
		2519.5	2.90	1 / 63	25.05	27.95	0.624	33.01	-5.06
		2521.5	2.90	1 / 63	25.41	28.31	0.678	33.01	-4.70
		2523.5	2.90	1 / 63	24.19	27.09	0.512	33.01	-5.92
		2525.5	2.90	64 / 0	23.29	26.19	0.416	33.01	-6.82
	QPSK	2525.5	2.90	64 / 0	21.29	24.15	0.260	33.01	-8.86
		2527.5	2.90	1 / 76	24.96	27.86	0.611	33.01	-5.15
		2529.5	2.90	1 / 76	25.18	28.08	0.643	33.01	-4.93
		2531.5	2.90	1 / 76	25.20	28.10	0.646	33.01	-4.91
		2533.0	2.90	1 / 1	24.98	27.88	0.614	33.01	-5.13
30 MHz	11/2 BPSK	2531.0	2.90	1 / 1	25.21	28.11	0.647	33.01	-4.90
		2533.0	2.90	1 / 76	25.17	28.07	0.641	33.01	-4.94
		2535.0	2.90	1 / 76	25.20	28.10	0.646	33.01	-4.91
		2537.0	2.90	1 / 1	24.98	27.88	0.614	33.01	-5.13
		2539.0	2.90	75 / 0	23.11	26.01	0.399	33.01	-7.00
	QPSK	2539.0	2.90	75 / 0	21.14	24.04	0.254	33.01	-8.97
		2541.0	2.90	1 / 80	24.89	27.79	0.601	33.01	-5.22
		2543.0	2.90	1 / 80	25.09	27.99	0.630	33.01	-5.02
		2545.0	2.90	1 / 80	25.12	28.02	0.634	33.01	-4.99
		2547.0	2.90	1 / 80	24.88	27.88	0.614	33.01	-5.13
35 MHz	11/2 BPSK	2543.0	2.90	1 / 80	25.16	28.06	0.640	33.01	-4.95
		2545.0	2.90	1 / 80	25.20	28.10	0.646	33.01	-4.91
		2547.0	2.90	1 / 80	24.24	27.14	0.518	33.01	-5.87
		2549.0	2.90	90 / 0	23.13	26.03	0.401	33.01	-6.98
		2551.0	2.90	90 / 0	21.09	23.99	0.251	33.01	-9.02
	QPSK	2549.0	2.90	100 / 0	24.95	27.85	0.610	33.01	-5.16
		2551.0	2.90	100 / 0	25.13	28.03	0.635	33.01	-4.98
		2553.0	2.90	100 / 0	25.12	28.02	0.634	33.01	-4.99
		2555.0	2.90	1 / 1	24.91	27.81	0.604	33.01	-5.20
		2557.0	2.90	1 / 104	25.15	28.05	0.638	33.01	-4.96
40 MHz	11/2 BPSK	2557.0	2.90	1 / 104	25.19	28.09	0.644	33.01	-4.92
		2559.0	2.90	1 / 104	23.99	26.89	0.489	33.01	-6.12
		2561.0	2.90	100 / 0	23.17	26.07	0.405	33.01	-6.94
		2563.0	2.90	100 / 0	21.17	24.07	0.255	33.01	-8.94
		2565.0	2.90	108 / 0	24.89	27.79	0.601	33.01	-5.22
	QPSK	2565.0	2.90	108 / 0	25.09	27.99	0.630	33.01	-5.02
		2567.0	2.90	108 / 0	25.06	27.96	0.625	33.01	-5.05
		2569.0	2.90	1 / 117	24.90	27.80	0.603	33.01	-5.21
		2571.0	2.90	1 / 117	25.03	27.93	0.621	33.01	-5.08
		2573.0	2.90	1 / 117	25.10	28.00	0.631	33.01	-5.01
45 MHz	11/2 BPSK	2573.0	2.90	1 / 117	24.20	27.10	0.513	33.01	-5.91
		2575.0	2.90	108 / 0	23.17	26.07	0.405	33.01	-6.94
		2577.0	2.90	108 / 0	21.19	24.09	0.256	33.01	-8.92
		2579.0	2.90	128 / 0	25.03	27.93	0.621	33.01	-5.08
		2581.0	2.90	128 / 0	25.11	28.01	0.632	33.01	-5.00
	QPSK	2581.0	2.90	128 / 0	25.17	28.07	0.641	33.01	-4.94
		2583.0	2.90	1 / 64	24.85	27.75	0.596	33.01	-5.26
		2585.0	2.90	1 / 64	24.93	27.82	0.619	33.01	-5.09
		2587.0	2.90	1 / 64	25.02	27.92	0.633	33.01	-4.97
		2589.0	2.90	128 / 0	23.21	26.11	0.408	33.01	-6.90
50 MHz	11/2 BPSK	2591.0	2.90	128 / 0	21.23	24.13	0.259	33.01	-8.88
		2593.0	2.90	162 / 0	24.97	27.87	0.612	33.01	-5.14
		2595.0	2.90	162 / 0	25.10	28.00	0.631	33.01	-5.01
		2597.0	2.90	1 / 160	25.10	28.00	0.631	33.01	-5.01
		2599.0	2.90	1 / 1	24.88	27.78	0.600	33.01	-5.23
	QPSK	2599.0	2.90	1 / 160	25.08	27.98	0.628	33.01	-5.03
		2601.0	2.90	1 / 160	25.18	28.08	0.643	33.01	-4.93
		2603.0	2.90	1 / 160	23.92	26.82	0.481	33.01	-6.19
		2605.0	2.90	162 / 0	23.00	25.90	0.389	33.01	-7.11
		2607.0	2.90	162 / 0	21.09	23.99	0.251	33.01	-9.02
60 MHz	11/2 BPSK	2593.0	2.90	162 / 0	21.09	23.99	0.251	33.01	-9.02
		2595.0	2.90	1 / 80	24.94	27.84	0.608	33.01	-5.17
		2597.0	2.90	180 / 0	25.13	28.03	0.635	33.01	-4.98
		2599.0	2.90	180 / 0	25.14	28.04	0.637	33.01	-4.97
		2601.0	2.90	1 / 1	24.92	27.82	0.605	33.01	-5.19
	QPSK	2601.0	2.90	1 / 80	25.21	28.11	0.647	33.01	-4.90
		2603.0	2.90	1 / 80	25.13	28.03	0.635	33.01	-4.98
		2605.0	2.90	1 / 80	23.82	26.72	0.470	33.01	-6.29
		2607.0	2.90	180 / 0	23.01	25.91	0.390	33.01	-7.10
		2609.0	2.90	180 / 0	21.05	23.95	0.248	33.01	-9.06
70 MHz	11/2 BPSK	2609.0	2.90	216 / 0	24.95	27.85	0.610	33.01	-5.16
		2611.0	2.90	216 / 0	25.07	27.97	0.627	33.01	-5.04
		2613.0	2.90	1 / 243	25.15	28.05	0.638	33.01	-4.96
		2615.0	2.90	1 / 243	25.02	27.92	0.619	33.01	-5.09
		2617.0	2.90	1 / 120	25.28	28.18	0.658	33.01	-4.83
	QPSK	2617.0	2.90	1 / 243	25.08	27.98	0.628	33.01	-5.03
		2619.0	2.90	1 / 243	23.96	26.86	0.485	33.01	-6.15
		2621.0	2.90	243 / 0	23.07	25.97	0.395	33.01	-7.04
		2623.0	2.90	243 / 0	21.06	23.96	0.249	33.01	-9.05
		2625.0	2.90	1 / 271	24.93	27.83	0.607	33.01	-5.18
80 MHz	11/2 BPSK	2625.0	2.90	270 / 0	25.00	27.90	0.617	33.01	-5.11
		2627.0	2.90	270 / 0	24.98	27.88	0.611	33.01	-5.15
		2629.0	2.90	1 / 135	24.83	27.73	0.593	33.01	-5.28
		2631.0	2.90	1 / 135	24.97	27.87	0.612	33.01	-5.14
		2633.0	2.90	1 / 135	24.94	27.84	0.608	33.01	-5.17
	QPSK	2633.0	2.90	1 / 135	24.94	27.84	0.608	33.01	-5.17
		2635.0	2.90	270 / 0	24.96	27.86	0.611	33.01	-5.15
		2637.0	2.90	1 / 135	24.83	27.73	0.593	33.01	-5.28
		2639.0	2.90	270 / 0	24.97	27.87	0.612	33.01	-5.14
		2641.0	2.90	1 / 135	24.94	27.84	0.608	33.01	-5.17
90 MHz	11/2 BPSK	2641.0	2.90	270 / 0	24.96	27.86	0.611	33.01	-5.15
		2643.0	2.90	270 / 0	23.14	26.04	0.402	33.01	-6.97
		2645.0	2.90	270 / 0	23.14	26.04	0.402	33.01	-6.97
		2647.0	2.90	270 / 0	23.14	26.04	0.402	33.01	-6.97
		2649.0	2.90	270 / 0	23.14	26.04	0.402	33.01	-6.97
	QPSK	2649.0	2.90	270 / 0	23.14	26.04	0.402	33.01	-6.97
		2651.0	2.90	270 / 0	23.14	26.04	0.402	33.01	-6.97
		2653.0	2.90	270 / 0	23.14	26.04	0.402	33.01	-6.97
		2655.0	2.90	270 / 0	23.14	26.04	0.402	33.01	-6.97
		2657.0	2.90	270 / 0	23.14	26.04	0.402	33.01	-6.97

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	24.15	3.40	27.55	0.569	33.01	-5.46	
				21100	2535.0	1	99		21298	2554.8	1	0	24.44	3.40	27.84	0.608	33.01	-5.17	
				21350	2560.0	1	0		21152	2540.2	1	99	24.26	3.40	27.66	0.583	33.01	-5.35	
				21100	2535	100	0		21298	2554.8	100	0	23.92	3.40	27.32	0.540	33.01	-5.69	
			16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	22.89	3.40	26.29	0.426	33.01	-6.72	
				64-QAM	21100	2535	100	0	64-QAM	21298	2554.8	100	0	21.96	3.40	25.36	0.344	33.01	-7.65
				256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	19.75	3.40	23.15	0.207	33.01	-9.86

Table 7-21. Antenna 2 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	26.25	2.90	29.15	0.822	33.01	-3.86
				39790	2510.0	1	99		39988	2529.8	1	0	26.21	2.90	29.11	0.815	33.01	-3.90
				40620	2593.0	1	99		40818	2612.8	1	0	27.32	2.90	30.22	1.052	33.01	-2.79
				41490	2680.0	1	0		41292	2660.2	1	99	26.19	2.90	29.09	0.811	33.01	-3.92
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	26.88	2.90	29.78	0.951	33.01	-3.23
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	25.76	2.90	28.66	0.735	33.01	-4.35
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	24.82	2.90	27.72	0.592	33.01	-5.29
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	21.99	2.90	24.89	0.308	33.01	-8.12

Table 7-22. Antenna 2 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	24.49	2.90	27.39	0.548	33.01	-5.62
				39790	2510.0	1	99		39988	2529.8	1	0	24.52	2.90	27.42	0.552	33.01	-5.59
				40620	2593.0	1	99		40818	2612.8	1	0	25.41	2.90	28.31	0.678	33.01	-4.70
				41490	2680.0	1	0		41292	2660.2	1	99	24.46	2.90	27.36	0.545	33.01	-5.65
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.49	2.90	27.39	0.548	33.01	-5.62
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.39	2.90	26.29	0.426	33.01	-6.72
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.45	2.90	25.35	0.343	33.01	-7.66
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.61	2.90	22.51	0.178	33.01	-10.50

Table 7-23. Antenna 2 EIRP Data (ULCA LTE Band 41 (PC3))

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7.5.3 Antenna 3b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-0.10	1 / 24	23.49	23.39	0.218	23.98	-0.59
		2310.0	-0.10	1 / 24	23.57	23.47	0.222	23.98	-0.51
		2312.5	-0.10	1 / 12	23.38	23.28	0.213	23.98	-0.70
	16-QAM	2307.5	-0.10	1 / 24	22.98	22.88	0.194	23.98	-1.10
	64-QAM	2310.0	-0.10	1 / 24	21.79	21.69	0.148	23.98	-2.29
	256-QAM	2312.5	-0.10	25 / 0	18.97	18.87	0.077	23.98	-5.11
10 MHz	QPSK	2310.0	-0.10	1 / 25	23.29	23.19	0.208	23.98	-0.79
	16-QAM	2310.0	-0.10	1 / 0	22.72	22.62	0.183	23.98	-1.36
	64-QAM	2310.0	-0.10	1 / 49	21.68	21.58	0.144	23.98	-2.40
	256-QAM	2310.0	-0.10	50 / 0	18.95	18.85	0.077	23.98	-5.13

Table 7-24. Antenna 3b 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	-1.70	1 / 0	24.71	23.01	0.200	33.01	-10.00
		2535.0	-1.70	1 / 0	24.74	23.04	0.201	33.01	-9.97
		2567.5	-1.70	1 / 24	24.69	22.99	0.199	33.01	-10.02
	16-QAM	2502.5	-1.70	1 / 12	24.11	22.41	0.174	33.01	-10.60
	64-QAM	2567.5	-1.70	1 / 0	23.01	21.31	0.135	33.01	-11.70
	256-QAM	2567.5	-1.70	25 / 0	20.27	18.57	0.072	33.01	-14.44
10 MHz	QPSK	2505.0	-1.70	1 / 49	24.60	22.90	0.195	33.01	-10.11
		2535.0	-1.70	1 / 25	24.61	22.91	0.195	33.01	-10.10
		2565.0	-1.70	1 / 49	24.74	23.04	0.201	33.01	-9.97
	16-QAM	2565.0	-1.70	1 / 25	24.10	22.40	0.174	33.01	-10.61
	64-QAM	2505.0	-1.70	1 / 49	22.98	21.28	0.134	33.01	-11.73
	256-QAM	2565.0	-1.70	50 / 0	20.27	18.57	0.072	33.01	-14.44
15 MHz	QPSK	2507.5	-1.70	1 / 37	24.68	22.98	0.199	33.01	-10.03
		2535.0	-1.70	1 / 37	24.62	22.92	0.196	33.01	-10.09
		2562.5	-1.70	1 / 74	24.64	22.94	0.197	33.01	-10.07
	16-QAM	2562.5	-1.70	1 / 74	23.98	22.28	0.169	33.01	-10.73
	64-QAM	2507.5	-1.70	1 / 0	22.93	21.23	0.133	33.01	-11.78
	256-QAM	2562.5	-1.70	75 / 0	20.16	18.46	0.070	33.01	-14.55
20 MHz	QPSK	2510.0	-1.70	1 / 50	24.62	22.92	0.196	33.01	-10.09
		2535.0	-1.70	1 / 50	24.72	23.02	0.200	33.01	-9.99
		2560.0	-1.70	1 / 50	24.57	22.87	0.194	33.01	-10.14
	16-QAM	2535.0	-1.70	1 / 50	23.94	22.24	0.167	33.01	-10.77
	64-QAM	2510.0	-1.70	1 / 50	22.81	21.11	0.129	33.01	-11.90
	256-QAM	2560.0	-1.70	100 / 0	20.14	18.44	0.070	33.01	-14.57

Table 7-25. Antenna 3b 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	-1.90	1 / 24	26.77	24.87	0.307	33.01	-8.14
		2593.0	-1.90	1 / 24	27.73	25.83	0.383	33.01	-7.18
		2687.5	-1.90	1 / 0	26.51	24.61	0.289	33.01	-8.40
	16-QAM	2593.0	-1.90	1 / 24	27.32	25.42	0.348	33.01	-7.59
	64-QAM	2593.0	-1.90	1 / 0	26.23	24.33	0.271	33.01	-8.68
	256-QAM	2593.0	-1.90	25 / 0	23.23	21.33	0.136	33.01	-11.68
10 MHz	QPSK	2501.0	-1.90	1 / 25	26.80	24.90	0.309	33.01	-8.11
		2593.0	-1.90	1 / 49	27.75	25.85	0.385	33.01	-7.16
		2685.0	-1.90	1 / 25	26.67	24.77	0.300	33.01	-8.24
	16-QAM	2593.0	-1.90	1 / 49	27.33	25.43	0.349	33.01	-7.58
	64-QAM	2593.0	-1.90	1 / 49	26.22	24.32	0.270	33.01	-8.69
	256-QAM	2593.0	-1.90	1 / 49	23.25	21.35	0.136	33.01	-11.66
15 MHz	QPSK	2503.5	-1.90	1 / 37	26.65	24.75	0.299	33.01	-8.26
		2593.0	-1.90	1 / 37	27.74	25.84	0.384	33.01	-7.17
		2682.5	-1.90	1 / 37	26.59	24.69	0.294	33.01	-8.32
	16-QAM	2593.0	-1.90	1 / 74	27.11	25.21	0.332	33.01	-7.80
	64-QAM	2593.0	-1.90	1 / 37	26.13	24.23	0.265	33.01	-8.78
	256-QAM	2593.0	-1.90	75 / 0	23.13	21.23	0.133	33.01	-11.78
20 MHz	QPSK	2506.0	-1.90	1 / 50	26.50	24.60	0.288	33.01	-8.41
		2593.0	-1.90	1 / 50	27.61	25.71	0.372	33.01	-7.30
		2680.0	-1.90	1 / 50	26.62	24.72	0.296	33.01	-8.29
	16-QAM	2593.0	-1.90	1 / 50	27.13	25.23	0.333	33.01	-7.78
	64-QAM	2593.0	-1.90	1 / 50	25.99	24.09	0.256	33.01	-8.92
	256-QAM	2593.0	-1.90	100 / 0	23.15	21.25	0.133	33.01	-11.76

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

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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	-1.90	1 / 24	25.24	23.34	0.216	33.01	-9.67
		2593.0	-1.90	1 / 0	25.24	23.34	0.216	33.01	-9.67
		2687.5	-1.90	1 / 24	24.95	23.05	0.202	33.01	-9.96
	16-QAM	2593.0	-1.90	1 / 24	24.10	22.20	0.166	33.01	-10.81
	64-QAM	2498.5	-1.90	1 / 12	23.16	21.26	0.134	33.01	-11.75
	256-QAM	2498.5	-1.90	25 / 0	20.57	18.67	0.074	33.01	-14.34
10 MHz	QPSK	2501.0	-1.90	1 / 25	25.22	23.32	0.215	33.01	-9.69
		2593.0	-1.90	1 / 25	25.22	23.32	0.215	33.01	-9.69
		2685.0	-1.90	1 / 25	25.02	23.12	0.205	33.01	-9.89
	16-QAM	2593.0	-1.90	1 / 25	24.35	22.45	0.176	33.01	-10.56
	64-QAM	2593.0	-1.90	1 / 25	23.07	21.17	0.131	33.01	-11.84
	256-QAM	2593.0	-1.90	50 / 0	20.65	18.75	0.075	33.01	-14.26
15 MHz	QPSK	2503.5	-1.90	1 / 37	24.96	23.06	0.202	33.01	-9.95
		2593.0	-1.90	1 / 37	24.99	23.09	0.204	33.01	-9.92
		2682.5	-1.90	1 / 37	24.95	23.05	0.202	33.01	-9.96
	16-QAM	2682.5	-1.90	1 / 37	24.03	22.13	0.163	33.01	-10.88
	64-QAM	2593.0	-1.90	1 / 37	23.12	21.22	0.132	33.01	-11.79
	256-QAM	2593.0	-1.90	75 / 0	20.60	18.70	0.074	33.01	-14.31
20 MHz	QPSK	2506.0	-1.90	1 / 50	25.09	23.19	0.208	33.01	-9.82
		2593.0	-1.90	1 / 50	25.12	23.22	0.210	33.01	-9.79
		2680.0	-1.90	1 / 50	24.85	22.95	0.197	33.01	-10.06
	16-QAM	2593.0	-1.90	1 / 50	24.12	22.22	0.167	33.01	-10.79
	64-QAM	2506.0	-1.90	1 / 50	23.07	21.17	0.131	33.01	-11.84
	256-QAM	2593.0	-1.90	100 / 0	20.59	18.69	0.074	33.01	-14.32

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

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 253 of 318

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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	-0.10	25 / 0	23.28	23.18	0.208	23.98	-0.79
		2310.0	-0.10	25 / 0	23.31	23.21	0.209	23.98	-0.77
		2312.5	-0.10	25 / 0	23.29	23.19	0.208	23.98	-0.79
	QPSK	2307.5	-0.10	1 / 12	23.26	23.16	0.207	23.98	-0.82
		2310.0	-0.10	1 / 23	23.18	23.08	0.203	23.98	-0.90
		2312.5	-0.10	1 / 1	23.24	23.14	0.206	23.98	-0.84
	16-QAM	2310.0	-0.10	1 / 23	22.09	21.99	0.158	23.98	-1.99
	64-QAM	2307.5	-0.10	25 / 0	21.40	21.30	0.135	23.98	-2.68
	256-QAM	2310.0	-0.10	25 / 0	19.40	19.30	0.085	23.98	-4.68
10 MHz	$\pi/2$ BPSK	2310.0	-0.10	1 / 25	23.31	23.21	0.209	23.98	-0.77
	QPSK	2310.0	-0.10	1 / 50	23.14	23.04	0.201	23.98	-0.94
	16-QAM	2310.0	-0.10	1 / 50	22.01	21.91	0.155	23.98	-2.07
	64-QAM	2310.0	-0.10	50 / 0	21.23	21.13	0.130	23.98	-2.85
	256-QAM	2310.0	-0.10	50 / 0	19.31	19.21	0.083	23.98	-4.77

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

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 254 of 318

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NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dB]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
5 MHz	11/2 BPSK	2502.5	-1.70	25 / 0	24.72	23.02	0.201	33.01	-9.99	
		2535.0	-1.70	1 / 1	24.68	22.98	0.199	33.01	-10.03	
		2567.5	-1.70	25 / 0	24.83	23.13	0.206	33.01	-9.88	
	QPSK	2502.5	-1.70	1 / 12	24.77	23.07	0.203	33.01	-9.94	
		2535.0	-1.70	1 / 1	24.69	22.99	0.199	33.01	-10.02	
		2567.5	-1.70	1 / 23	24.81	23.11	0.205	33.01	-9.90	
		16-QAM	2567.5	-1.70	1 / 23	23.63	21.93	0.156	33.01	-11.08
		64-QAM	2567.5	-1.70	25 / 0	22.87	21.17	0.131	33.01	-11.84
256-QAM	2567.5	-1.70	25 / 0	20.80	19.10	0.081	33.01	-13.91		
10 MHz	11/2 BPSK	2505.0	-1.70	50 / 0	24.85	23.15	0.207	33.01	-9.86	
		2535.0	-1.70	50 / 0	24.77	23.07	0.203	33.01	-9.94	
		2565.0	-1.70	50 / 0	24.79	23.09	0.204	33.01	-9.92	
	QPSK	2505.0	-1.70	1 / 50	24.75	23.05	0.202	33.01	-9.96	
		2535.0	-1.70	1 / 1	24.67	22.97	0.198	33.01	-10.04	
		2565.0	-1.70	1 / 50	24.70	23.00	0.200	33.01	-10.01	
		16-QAM	2535.0	-1.70	1 / 1	23.65	21.95	0.157	33.01	-11.06
		64-QAM	2505.0	-1.70	50 / 0	22.79	21.09	0.129	33.01	-11.92
256-QAM	2505.0	-1.70	50 / 0	20.89	19.19	0.083	33.01	-13.82		
15 MHz	11/2 BPSK	2507.5	-1.70	1 / 36	24.79	23.09	0.204	33.01	-9.92	
		2535.0	-1.70	75 / 0	24.65	22.95	0.197	33.01	-10.06	
		2562.5	-1.70	75 / 0	24.72	23.02	0.200	33.01	-9.99	
	QPSK	2507.5	-1.70	1 / 77	24.73	23.03	0.201	33.01	-9.98	
		2535.0	-1.70	1 / 36	24.64	22.94	0.197	33.01	-10.07	
		2562.5	-1.70	1 / 77	24.75	23.05	0.202	33.01	-9.96	
		16-QAM	2562.5	-1.70	1 / 77	23.62	21.92	0.156	33.01	-11.09
		64-QAM	2507.5	-1.70	75 / 0	22.82	21.12	0.129	33.01	-11.89
256-QAM	2507.5	-1.70	75 / 0	20.79	19.09	0.081	33.01	-13.92		
20 MHz	11/2 BPSK	2510.0	-1.70	1 / 1	24.73	23.03	0.201	33.01	-9.98	
		2535.0	-1.70	1 / 1	24.71	23.01	0.200	33.01	-10.00	
		2560.0	-1.70	1 / 104	24.76	23.06	0.202	33.01	-9.95	
	QPSK	2510.0	-1.70	1 / 104	24.68	22.98	0.199	33.01	-10.03	
		2535.0	-1.70	1 / 1	24.65	22.95	0.197	33.01	-10.06	
		2560.0	-1.70	1 / 104	24.72	23.02	0.200	33.01	-9.99	
		16-QAM	2535.0	-1.70	1 / 1	23.61	21.91	0.155	33.01	-11.10
		64-QAM	2510.0	-1.70	100 / 0	22.77	21.07	0.128	33.01	-11.94
256-QAM	2510.0	-1.70	100 / 0	20.78	19.08	0.081	33.01	-13.93		
25 MHz	11/2 BPSK	2512.5	-1.70	128 / 0	24.72	23.02	0.200	33.01	-9.99	
		2535.0	-1.70	128 / 0	24.70	23.00	0.199	33.01	-10.01	
		2557.5	-1.70	128 / 0	24.75	23.05	0.202	33.01	-9.96	
	QPSK	2512.5	-1.70	1 / 64	24.74	23.04	0.201	33.01	-9.97	
		2535.0	-1.70	1 / 131	24.62	22.92	0.196	33.01	-10.09	
		2557.5	-1.70	1 / 131	24.63	22.93	0.196	33.01	-10.08	
		16-QAM	2512.5	-1.70	1 / 64	23.48	21.78	0.151	33.01	-11.23
		64-QAM	2557.5	-1.70	128 / 0	22.84	21.14	0.130	33.01	-11.87
256-QAM	2512.5	-1.70	128 / 0	20.78	19.08	0.081	33.01	-13.93		
30 MHz	11/2 BPSK	2515.0	-1.70	160 / 0	24.72	23.02	0.201	33.01	-9.99	
		2535.0	-1.70	160 / 0	24.70	23.00	0.199	33.01	-10.01	
		2555.0	-1.70	160 / 0	24.78	23.08	0.203	33.01	-9.93	
	QPSK	2515.0	-1.70	1 / 158	24.81	23.11	0.205	33.01	-9.90	
		2535.0	-1.70	1 / 1	24.80	23.10	0.204	33.01	-9.91	
		2555.0	-1.70	1 / 158	24.81	23.11	0.205	33.01	-9.90	
		16-QAM	2555.0	-1.70	1 / 158	23.58	21.88	0.154	33.01	-11.13
		64-QAM	2555.0	-1.70	160 / 0	22.82	21.12	0.129	33.01	-11.89
256-QAM	2555.0	-1.70	160 / 0	20.77	19.07	0.081	33.01	-13.94		
35 MHz	11/2 BPSK	2517.5	-1.70	180 / 0	24.73	23.03	0.201	33.01	-9.98	
		2535.0	-1.70	180 / 0	24.70	23.00	0.200	33.01	-10.01	
		2562.5	-1.70	180 / 0	24.76	23.06	0.202	33.01	-9.95	
	QPSK	2517.5	-1.70	1 / 90	24.75	23.05	0.202	33.01	-9.96	
		2535.0	-1.70	1 / 1	24.68	22.98	0.199	33.01	-10.03	
		2562.5	-1.70	1 / 186	24.83	23.13	0.206	33.01	-9.88	
		16-QAM	2535.0	-1.70	1 / 1	23.61	21.91	0.155	33.01	-11.10
		64-QAM	2552.5	-1.70	180 / 0	22.77	21.07	0.128	33.01	-11.94
256-QAM	2552.5	-1.70	180 / 0	20.78	19.08	0.081	33.01	-13.93		
40 MHz	11/2 BPSK	2520.0	-1.70	216 / 0	24.79	23.09	0.203	33.01	-9.92	
		2535.0	-1.70	1 / 1	24.75	23.05	0.202	33.01	-9.96	
		2550.0	-1.70	1 / 214	24.79	23.09	0.204	33.01	-9.92	
	QPSK	2520.0	-1.70	1 / 108	24.74	23.04	0.201	33.01	-9.97	
		2535.0	-1.70	1 / 1	24.76	23.06	0.202	33.01	-9.95	
		2550.0	-1.70	1 / 1	24.74	23.04	0.201	33.01	-9.97	
		16-QAM	2535.0	-1.70	1 / 1	23.62	21.92	0.156	33.01	-11.09
		64-QAM	2520.0	-1.70	216 / 0	22.85	21.15	0.130	33.01	-11.86
256-QAM	2520.0	-1.70	216 / 0	20.86	19.16	0.082	33.01	-13.85		
50 MHz	11/2 BPSK	2525.0	-1.70	270 / 0	24.77	23.07	0.203	33.01	-9.94	
		2535.0	-1.70	270 / 0	24.69	22.99	0.199	33.01	-10.02	
		2545.0	-1.70	270 / 0	24.68	22.98	0.198	33.01	-10.04	
	QPSK	2525.0	-1.70	1 / 135	24.68	22.98	0.199	33.01	-10.03	
		2535.0	-1.70	1 / 268	24.61	22.91	0.195	33.01	-10.10	
		2545.0	-1.70	1 / 1	24.65	22.95	0.197	33.01	-10.06	
		16-QAM	2535.0	-1.70	1 / 135	23.57	21.87	0.154	33.01	-11.14
		64-QAM	2525.0	-1.70	270 / 0	22.83	21.13	0.130	33.01	-11.88
256-QAM	2525.0	-1.70	270 / 0	20.86	19.16	0.082	33.01	-13.88		

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

FCC ID: BCGA3462		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device		Page 255 of 318

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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	n12 BPSK	2501.0	-1.90	24 / 0	26.77	24.87	0.307	33.01	-8.14	
		2503.0	-1.90	24 / 0	27.68	25.99	0.306	33.01	-7.03	
		2685.0	-1.90	24 / 0	26.64	24.74	0.298	33.01	-8.27	
		2501.0	-1.90	1 / 1	26.72	24.82	0.303	33.01	-8.19	
		2593.0	-1.90	1 / 1	27.83	25.53	0.362	33.01	-7.08	
		2685.0	-1.90	1 / 1	26.55	24.65	0.292	33.01	-8.36	
	16-QAM 64-QAM 256-QAM	2593.0	-1.90	1 / 1	26.64	24.74	0.298	33.01	-8.27	
		2593.0	-1.90	24 / 0	25.97	24.07	0.255	33.01	-8.94	
		2593.0	-1.90	24 / 0	24.01	22.11	0.163	33.01	-10.90	
		2503.5	-1.90	36 / 0	26.72	24.82	0.303	33.01	-8.19	
		2593.0	-1.90	1 / 36	27.82	25.92	0.391	33.01	-7.09	
		2682.5	-1.90	1 / 1	26.52	24.62	0.290	33.01	-8.39	
15 MHz	n12 BPSK	2503.5	-1.90	1 / 36	26.79	24.89	0.308	33.01	-8.12	
		2593.0	-1.90	1 / 1	27.96	26.06	0.404	33.01	-6.95	
		2682.5	-1.90	1 / 1	26.59	24.69	0.294	33.01	-8.32	
		2593.0	-1.90	1 / 1	26.63	24.73	0.297	33.01	-8.28	
		2593.0	-1.90	36 / 0	25.87	23.97	0.249	33.01	-9.04	
		2593.0	-1.90	36 / 0	23.96	22.06	0.161	33.01	-10.95	
	16-QAM 64-QAM 256-QAM	2593.0	-1.90	50 / 0	26.69	24.79	0.301	33.01	-8.22	
		2593.0	-1.90	1 / 25	27.80	25.90	0.389	33.01	-7.11	
		2680.0	-1.90	1 / 25	26.62	24.72	0.296	33.01	-8.29	
		2593.0	-1.90	1 / 49	26.80	24.90	0.309	33.01	-8.11	
		2593.0	-1.90	1 / 1	27.86	25.96	0.394	33.01	-7.05	
		2680.0	-1.90	1 / 1	26.63	24.73	0.297	33.01	-8.28	
20 MHz	n12 BPSK	2593.0	-1.90	1 / 1	27.86	25.96	0.394	33.01	-7.05	
		2680.0	-1.90	1 / 1	26.63	24.73	0.297	33.01	-8.28	
		16-QAM	2593.0	-1.90	1 / 25	26.71	24.81	0.303	33.01	-8.20
		64-QAM	2593.0	-1.90	50 / 0	26.82	23.92	0.247	33.01	-9.09
		256-QAM	2593.0	-1.90	50 / 0	23.95	22.05	0.160	33.01	-10.96
		n12 BPSK	2508.5	-1.90	64 / 0	26.77	24.87	0.307	33.01	-8.14
	16-QAM 64-QAM 256-QAM	2593.0	-1.90	64 / 0	27.88	25.98	0.392	33.01	-7.06	
		2677.5	-1.90	64 / 0	26.80	24.70	0.295	33.01	-8.31	
		2508.5	-1.90	1 / 32	26.69	24.79	0.301	33.01	-8.22	
		2593.0	-1.90	1 / 1	27.79	25.89	0.388	33.01	-7.12	
		2677.5	-1.90	1 / 1	26.83	24.73	0.297	33.01	-8.28	
		2593.0	-1.90	1 / 1	26.86	24.72	0.298	33.01	-8.29	
25 MHz	n12 BPSK	2593.0	-1.90	64 / 0	25.93	24.03	0.253	33.01	-8.98	
		2593.0	-1.90	64 / 0	23.96	22.06	0.162	33.01	-10.92	
		2511.0	-1.90	1 / 76	26.70	24.80	0.302	33.01	-8.21	
		2593.0	-1.90	75 / 0	27.85	25.95	0.394	33.01	-7.08	
		2675.0	-1.90	1 / 1	27.10	25.20	0.331	33.01	-7.81	
		2511.0	-1.90	1 / 76	26.79	24.89	0.308	33.01	-8.12	
	16-QAM 64-QAM 256-QAM	2593.0	-1.90	1 / 1	27.93	26.03	0.401	33.01	-6.98	
		2675.0	-1.90	1 / 1	27.15	25.25	0.336	33.01	-7.75	
		2593.0	-1.90	1 / 76	26.78	24.88	0.308	33.01	-8.13	
		2593.0	-1.90	75 / 0	25.88	23.98	0.250	33.01	-9.03	
		2593.0	-1.90	75 / 0	23.91	22.01	0.159	33.01	-11.09	
		n12 BPSK	2513.5	-1.90	1 / 90	26.75	24.85	0.308	33.01	-8.12
30 MHz	n12 BPSK	2593.0	-1.90	1 / 1	27.80	25.90	0.389	33.01	-7.11	
		2672.5	-1.90	1 / 1	26.72	24.82	0.303	33.01	-8.19	
		2513.5	-1.90	1 / 90	26.90	24.90	0.309	33.01	-8.11	
		2593.0	-1.90	1 / 1	27.87	25.97	0.395	33.01	-7.04	
		2672.5	-1.90	1 / 1	26.72	24.82	0.303	33.01	-8.19	
		2593.0	-1.90	1 / 1	26.69	24.79	0.301	33.01	-8.22	
	16-QAM 64-QAM 256-QAM	2593.0	-1.90	90 / 0	23.90	22.00	0.158	33.01	-11.01	
		2516.0	-1.90	1 / 104	26.76	24.86	0.306	33.01	-8.15	
		2593.0	-1.90	1 / 1	27.94	26.04	0.402	33.01	-6.97	
		2670.0	-1.90	1 / 1	26.71	24.81	0.303	33.01	-8.20	
		2516.0	-1.90	1 / 104	26.72	24.82	0.303	33.01	-8.19	
		2593.0	-1.90	1 / 1	28.21	26.31	0.428	33.01	-6.70	
40 MHz	n12 BPSK	2670.0	-1.90	1 / 1	26.77	24.87	0.307	33.01	-8.14	
		2593.0	-1.90	1 / 1	26.90	25.00	0.316	33.01	-8.01	
		2593.0	-1.90	100 / 0	25.87	23.97	0.249	33.01	-9.04	
		2518.5	-1.90	1 / 117	26.75	24.85	0.308	33.01	-8.12	
		2593.0	-1.90	1 / 1	27.81	25.91	0.390	33.01	-7.10	
		2667.5	-1.90	1 / 1	26.73	24.83	0.304	33.01	-8.18	
	16-QAM 64-QAM 256-QAM	2518.5	-1.90	1 / 117	26.72	24.82	0.303	33.01	-8.19	
		2593.0	-1.90	1 / 1	27.83	25.93	0.392	33.01	-7.08	
		2667.5	-1.90	1 / 1	26.74	24.84	0.305	33.01	-8.17	
		2593.0	-1.90	1 / 117	26.92	25.02	0.318	33.01	-7.99	
		2593.0	-1.90	108 / 0	25.87	23.97	0.249	33.01	-9.04	
		2593.0	-1.90	108 / 0	23.94	22.04	0.160	33.01	-10.97	
45 MHz	n12 BPSK	2521.0	-1.90	1 / 131	26.87	24.97	0.314	33.01	-8.04	
		2593.0	-1.90	128 / 0	27.90	26.00	0.398	33.01	-7.01	
		2665.0	-1.90	1 / 1	26.91	25.01	0.317	33.01	-8.00	
		2521.0	-1.90	1 / 131	26.76	24.86	0.306	33.01	-8.15	
		2593.0	-1.90	1 / 131	27.83	25.93	0.392	33.01	-7.08	
		2665.0	-1.90	1 / 1	26.73	24.83	0.304	33.01	-8.18	
	16-QAM 64-QAM 256-QAM	2593.0	-1.90	1 / 131	26.74	24.84	0.305	33.01	-8.17	
		2593.0	-1.90	128 / 0	25.99	24.09	0.256	33.01	-9.02	
		2593.0	-1.90	128 / 0	24.02	22.12	0.163	33.01	-10.98	
		2526.0	-1.90	1 / 160	26.77	24.87	0.307	33.01	-8.14	
		2593.0	-1.90	1 / 160	27.87	25.97	0.395	33.01	-7.04	
		2660.0	-1.90	1 / 1	26.87	24.77	0.300	33.01	-8.24	
50 MHz	n12 BPSK	2526.0	-1.90	1 / 81	26.77	24.87	0.307	33.01	-8.14	
		2593.0	-1.90	1 / 81	27.77	25.87	0.386	33.01	-7.14	
		2660.0	-1.90	1 / 1	26.70	24.80	0.302	33.01	-8.21	
		2593.0	-1.90	1 / 160	26.70	24.80	0.302	33.01	-8.21	
		2593.0	-1.90	162 / 0	25.85	23.95	0.248	33.01	-9.06	
		2593.0	-1.90	162 / 0	23.92	22.02	0.159	33.01	-10.99	
	16-QAM 64-QAM 256-QAM	2531.0	-1.90	1 / 90	26.85	24.95	0.313	33.01	-8.06	
		2593.0	-1.90	180 / 0	27.90	26.00	0.398	33.01	-7.11	
		2660.0	-1.90	1 / 1	26.78	24.88	0.308	33.01	-8.13	
		2531.0	-1.90	1 / 187	26.78	24.88	0.308	33.01	-8.13	
		2593.0	-1.90	1 / 90	27.73	25.83	0.383	33.01	-7.18	
		2660.0	-1.90	1 / 1	26.79	24.89	0.308	33.01	-8.12	
60 MHz	n12 BPSK	2593.0	-1.90	1 / 1	26.81	24.71	0.296	33.01	-8.30	
		2593.0	-1.90	180 / 0	25.81	23.91	0.246	33.01	-9.10	
		2593.0	-1.90	180 / 0	23.87	21.97	0.157	33.01	-11.04	
		2536.0	-1.90	1 / 216	26.99	25.09	0.323	33.01	-7.92	
		2593.0	-1.90	1 / 1	27.65	25.75	0.376	33.01	-7.26	
		2650.0	-1.90	1 / 1	26.81	24.91	0.310	33.01	-8.10	
	16-QAM 64-QAM 256-QAM	2536.0	-1.90	1 / 216	26.87	24.97	0.314	33.01	-8.04	
		2593.0	-1.90	1 / 108	27.76	25.86	0.385	33.01	-7.15	
		2650.0	-1.90	1 / 1	26.98	25.08	0.322	33.01	-7.93	
		2593.0	-1.90	1 / 1	26.34	24.44	0.278	33.01	-8.57	
		2593.0	-1.90	216 / 0	25.50	23.60	0.229	33.01	-9.41	
		2593.0	-1.90	216 / 0	23.57	21.67	0.147	33.01	-11.34	
70 MHz	n12 BPSK	2541.0	-1.90	1 / 243	26.84	25.04	0.319	33.01	-7.97	
		2593.0	-1.90	1 / 1	27.73	25.83	0.383	33.01	-7.18	
		2645.0	-1.90	1 / 1	26.82	24.92	0.310	33.01	-8.09	
		2541.0	-1.90	1 / 129	27.60	25.10	0.324	33.01	-7.91	
		2593.0	-1.90	1 / 1	27.68	25.78	0.378	33.01	-7.23	
		2645.0	-1.90	1 / 1	26.88	24.98	0.315	33.01	-8.03	
	16-QAM 64-QAM 256-QAM	2593.0	-1.90	1 / 1	26.34	24.44	0.278	33.01	-8.57	
		2593.0	-1.90	243 / 0	23.43	23.53	0.225	33.01	-9.48	
		2593.0	-1.90	243 / 0	25.35	21.65	0.146	33.01	-11.36	
		2646.0	-1.90	1 / 135	26.81	24.91	0.310	33.01	-8.10	
		2593.0	-1.90	1 / 135	27.73	25.83	0.383	33.01	-7.18	
		2593.0	-1.90	1 / 1	26.79	24.89	0.308	33.01	-8.12	
80 MHz	n12 BPSK	2546.0	-1.90	1 / 271	26.79	24.89	0.308	33.01	-8.12	
		2593.0	-1.90	1 / 1	27.65	25.75	0.376	33.01	-7.26	
		2593.0	-1.90	1 / 1	26.81	24.91	0.310	33.01	-8.10	
		2536.0	-1.90	1 / 215	26.87	24.97	0.314	33.01	-8.04	
		2593.0	-1.90	1 / 108	27.76	25.86	0.385	33.01	-7.15	
		2650.0	-1.90	1 / 1	26.98	25.08	0.322	33.01	-7.93	
	16-QAM 64-QAM 256-QAM	2593.0	-1.90	1 / 1	26.34	24.44	0.278	33.01	-8.57	
		2593.0	-1.90	243 / 0	23.43	23.53	0.225	33.01	-9.48	
		2593.0	-1.90	243 / 0	25.49	23.59	0.229	33.01	-9.42	
		2646.0	-1.90	1 / 135	26.81	24.91	0.310	33.01	-8.10	
		2593.0	-1.90	1 / 135	27.73	25.83	0.383	33.01	-7.18	
		2593.0	-1.90	1 / 1	26.79	24.89	0.308	33.01	-8.12	
100 MHz	n12 BPSK	2546.0	-1.90	1 / 271	26.79	24.89	0.308	33.01	-8.12	
		2593.0	-1.90	1 / 1	27.65	25.75	0.376	33.01	-7.26	
		2593.0	-1.90	1 / 1	26.81	24.91	0.310	33.01	-8.10	
		2536.0	-1.90	1 / 215	26.87	24.97	0.314	33.01	-8.04	
		2593.0	-1.90	1 / 108	27.76	25.86	0.385	33.01	-7.15	
		2650.0	-1.90	1 / 1	26.98	25.08	0.322	33.01	-7.93	
	16-QAM 64-QAM 256-QAM	2593.0	-1.90	1 / 1	26.34	24.44	0.278	33.01	-8.57	
		2593.0	-1.90	243 / 0	23.43	23.53	0.225	33.01	-9.48	
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NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	n/2 BPSK	2501.0	-1.90	24 / 0	25.24	23.34	0.216	33.01	-9.67
		2593.0	-1.90	24 / 0	25.42	23.62	0.225	33.01	-9.49
		2685.0	-1.90	24 / 0	25.15	23.25	0.211	33.01	-9.76
		2691.0	-1.90	1 / 1	25.14	23.24	0.211	33.01	-9.77
	QPSK	2593.0	-1.90	1 / 1	25.31	23.41	0.219	33.01	-9.60
		2685.0	-1.90	1 / 1	25.01	23.11	0.205	33.01	-9.90
		2693.0	-1.90	1 / 1	24.11	22.21	0.166	33.01	-10.80
		2693.0	-1.90	24 / 0	23.34	21.44	0.139	33.01	-11.57
	16-QAM	2593.0	-1.90	24 / 0	21.23	19.33	0.086	33.01	-13.68
		2593.5	-1.90	1 / 18	25.10	23.20	0.209	33.01	-9.81
		2693.0	-1.90	1 / 36	25.35	23.45	0.221	33.01	-9.56
		2692.5	-1.90	1 / 1	25.02	23.12	0.205	33.01	-9.89
15 MHz	n/2 BPSK	2501.5	-1.90	1 / 36	25.17	23.27	0.212	33.01	-9.74
		2593.0	-1.90	1 / 36	25.23	23.33	0.215	33.01	-9.68
		2692.5	-1.90	1 / 1	25.02	23.12	0.205	33.01	-9.89
		2693.0	-1.90	1 / 36	25.33	23.43	0.215	33.01	-9.74
	QPSK	2593.0	-1.90	1 / 1	25.23	23.33	0.215	33.01	-9.68
		2692.5	-1.90	1 / 1	25.02	23.12	0.205	33.01	-9.89
		2693.0	-1.90	1 / 36	25.34	23.43	0.215	33.01	-9.74
		2593.0	-1.90	36 / 0	23.39	21.49	0.138	33.01	-11.58
	16-QAM	2593.0	-1.90	36 / 0	21.39	19.49	0.087	33.01	-13.59
		2596.0	-1.90	50 / 0	25.06	23.16	0.207	33.01	-9.85
		2693.0	-1.90	50 / 0	25.29	23.33	0.215	33.01	-9.68
		2690.0	-1.90	50 / 0	24.84	23.04	0.201	33.01	-9.97
20 MHz	n/2 BPSK	2506.0	-1.90	1 / 49	25.15	23.25	0.211	33.01	-9.76
		2593.0	-1.90	1 / 1	25.31	23.41	0.219	33.01	-9.60
		2693.0	-1.90	1 / 1	25.02	23.12	0.205	33.01	-9.89
		2693.0	-1.90	24 / 0	23.40	21.50	0.141	33.01	-11.61
	QPSK	2593.0	-1.90	50 / 0	23.30	21.40	0.138	33.01	-11.61
		2593.0	-1.90	50 / 0	21.39	19.49	0.086	33.01	-13.50
		2598.5	-1.90	64 / 0	25.17	23.27	0.212	33.01	-9.74
		2693.0	-1.90	64 / 0	25.32	23.42	0.220	33.01	-9.59
	16-QAM	2677.5	-1.90	64 / 0	25.04	23.14	0.206	33.01	-9.87
		2698.5	-1.90	1 / 32	25.03	23.13	0.206	33.01	-9.88
		2693.0	-1.90	1 / 1	25.20	23.30	0.214	33.01	-9.71
		2677.5	-1.90	1 / 1	25.00	23.10	0.204	33.01	-9.91
25 MHz	n/2 BPSK	2593.0	-1.90	1 / 32	24.36	22.46	0.176	33.01	-10.55
		2693.0	-1.90	64 / 0	23.35	21.45	0.140	33.01	-11.56
		2693.0	-1.90	64 / 0	21.41	19.51	0.085	33.01	-13.50
		2511.0	-1.90	1 / 76	25.21	23.31	0.214	33.01	-9.70
	QPSK	2593.0	-1.90	1 / 76	25.34	23.44	0.221	33.01	-9.57
		2675.0	-1.90	1 / 36	25.10	23.20	0.209	33.01	-9.81
		2511.0	-1.90	1 / 36	25.18	23.28	0.213	33.01	-9.73
		2693.0	-1.90	1 / 1	25.38	23.48	0.223	33.01	-9.53
	16-QAM	2675.0	-1.90	1 / 1	25.11	23.21	0.209	33.01	-9.80
		2593.0	-1.90	1 / 1	24.41	22.51	0.178	33.01	-10.50
		2593.0	-1.90	75 / 0	23.30	21.40	0.138	33.01	-11.61
		2693.0	-1.90	75 / 0	21.23	19.33	0.086	33.01	-13.68
30 MHz	n/2 BPSK	2513.5	-1.90	90 / 0	25.12	23.22	0.210	33.01	-9.79
		2593.0	-1.90	90 / 0	25.23	23.33	0.215	33.01	-9.68
		2672.5	-1.90	90 / 0	25.04	23.14	0.206	33.01	-9.87
		2513.5	-1.90	1 / 80	25.21	23.31	0.214	33.01	-9.70
	QPSK	2593.0	-1.90	1 / 1	25.30	23.40	0.219	33.01	-9.61
		2672.5	-1.90	1 / 1	25.10	23.20	0.209	33.01	-9.81
		2693.0	-1.90	1 / 45	24.38	22.48	0.176	33.01	-10.55
		2593.0	-1.90	90 / 0	23.32	21.42	0.139	33.01	-11.59
	16-QAM	2593.0	-1.90	90 / 0	21.29	19.39	0.087	33.01	-13.62
		2516.0	-1.90	100 / 0	25.20	23.30	0.214	33.01	-9.71
		2693.0	-1.90	100 / 0	25.20	23.30	0.217	33.01	-9.65
		2670.0	-1.90	100 / 0	25.10	23.20	0.209	33.01	-9.81
40 MHz	n/2 BPSK	2516.0	-1.90	1 / 104	25.14	23.24	0.211	33.01	-9.77
		2593.0	-1.90	1 / 1	25.33	23.43	0.220	33.01	-9.58
		2670.0	-1.90	1 / 1	25.14	23.24	0.211	33.01	-9.77
		2593.0	-1.90	1 / 1	24.14	22.24	0.167	33.01	-10.77
	QPSK	2593.0	-1.90	100 / 0	23.35	21.45	0.140	33.01	-11.56
		2593.0	-1.90	100 / 0	21.41	19.51	0.085	33.01	-13.50
		2518.5	-1.90	108 / 0	25.24	23.34	0.216	33.01	-9.67
		2593.0	-1.90	108 / 0	25.31	23.41	0.219	33.01	-9.60
	16-QAM	2687.5	-1.90	108 / 0	25.17	23.27	0.212	33.01	-9.74
		2518.5	-1.90	1 / 117	25.09	23.19	0.208	33.01	-9.82
		2693.0	-1.90	108 / 0	23.28	21.38	0.137	33.01	-11.63
		2693.0	-1.90	108 / 0	21.32	19.42	0.087	33.01	-13.58
45 MHz	n/2 BPSK	2521.0	-1.90	128 / 0	25.21	23.31	0.214	33.01	-9.70
		2593.0	-1.90	128 / 0	25.31	23.41	0.219	33.01	-9.60
		2689.0	-1.90	128 / 0	25.20	23.30	0.214	33.01	-9.71
		2521.0	-1.90	1 / 164	25.10	23.20	0.209	33.01	-9.81
	QPSK	2593.0	-1.90	1 / 64	25.23	23.33	0.215	33.01	-9.68
		2685.0	-1.90	1 / 64	25.07	23.17	0.207	33.01	-9.84
		2593.0	-1.90	1 / 117	24.01	22.11	0.163	33.01	-10.90
		2593.0	-1.90	108 / 0	23.28	21.38	0.137	33.01	-11.63
	16-QAM	2693.0	-1.90	108 / 0	21.32	19.42	0.087	33.01	-13.58
		2521.0	-1.90	128 / 0	25.21	23.31	0.214	33.01	-9.70
		2593.0	-1.90	128 / 0	25.31	23.41	0.219	33.01	-9.60
		2689.0	-1.90	128 / 0	25.20	23.30	0.214	33.01	-9.71
50 MHz	n/2 BPSK	2521.0	-1.90	1 / 164	25.10	23.20	0.209	33.01	-9.81
		2593.0	-1.90	1 / 64	25.23	23.33	0.215	33.01	-9.68
		2685.0	-1.90	1 / 64	25.07	23.17	0.207	33.01	-9.84
		2593.0	-1.90	1 / 64	24.14	22.24	0.167	33.01	-10.77
	QPSK	2593.0	-1.90	128 / 0	23.32	21.42	0.139	33.01	-11.59
		2593.0	-1.90	128 / 0	21.25	19.35	0.086	33.01	-13.66
		2526.0	-1.90	1 / 160	25.12	23.22	0.210	33.01	-9.79
		2593.0	-1.90	162 / 0	25.18	23.28	0.213	33.01	-9.73
	16-QAM	2680.0	-1.90	162 / 0	25.02	23.12	0.205	33.01	-9.89
		2526.0	-1.90	1 / 160	25.23	23.33	0.215	33.01	-9.68
		2593.0	-1.90	1 / 1	25.30	23.40	0.219	33.01	-9.61
		2680.0	-1.90	1 / 81	25.15	23.25	0.211	33.01	-9.76
60 MHz	n/2 BPSK	2593.0	-1.90	1 / 1	24.14	22.24	0.167	33.01	-10.77
		2593.0	-1.90	162 / 0	23.25	21.35	0.136	33.01	-11.66
		2593.0	-1.90	162 / 0	21.21	19.31	0.085	33.01	-13.70
		2531.0	-1.90	187 / 0	25.16	23.26	0.210	33.01	-9.78
	QPSK	2693.0	-1.90	180 / 0	25.22	23.32	0.215	33.01	-9.69
		2655.0	-1.90	180 / 0	25.03	23.13	0.206	33.01	-9.88
		2531.0	-1.90	1 / 187	25.13	23.23	0.210	33.01	-9.78
		2693.0	-1.90	1 / 1	25.28	23.38	0.218	33.01	-9.63
	16-QAM	2655.0	-1.90	1 / 1	24.99	23.09	0.204	33.01	-9.92
		2655.0	-1.90	1 / 1	24.07	22.17	0.165	33.01	-10.84
		2593.0	-1.90	180 / 0	23.28	21.38	0.137	33.01	-11.63
		2536.0	-1.90	180 / 0	23.12	21.22	0.167	33.01	-11.55
70 MHz	n/2 BPSK	2536.0	-1.90	1 / 215	25.36	23.46	0.222	33.01	-9.55
		2593.0	-1.90	216 / 0	25.26	23.36	0.217	33.01	-9.65
		2650.0	-1.90	216 / 0	25.10	23.20	0.209	33.01	-9.81
		2536.0	-1.90	1 / 215	25.25	23.35	0.216	33.01	-9.66
	QPSK	2693.0	-1.90	1 / 215	25.18	23.28	0.213	33.01	-9.73
		2650.0	-1.90	1 / 1	25.17	23.27	0.212	33.01	-9.74
		2536.0	-1.90	1 / 215	24.07	22.17	0.165	33.01	-10.84
		2593.0	-1.90	216 / 0	23.24	21.34	0.136	33.01	-11.67
	16-QAM	2693.0	-1.90	216 / 0	21.28	19.38	0.086	33.01	-13.65
		2541.0	-1.90	243 / 0	25.21	23.31	0.214	33.01	-9.70
		2593.0	-1.90	243 / 0	25.25	23.35	0.216	33.01	-9.66
		2645.0	-1.90	1 / 1	25.16	23.26	0.212	33.01	-9.75
90 MHz	n/2 BPSK	2541.0	-1.90	1 / 243	25.23	23.33	0.215	33.01	-9.68
		2593.0	-1.90	1 / 120	25.24	23.34	0.216	33.01	-9.67
		2645.0	-1.90	1 / 1	25.24	23.34	0.216	33.01	-9.67
		2541.0	-1.90	1 / 243	24.04	22.14	0.164	33.01	-10.87
	QPSK	2593.0	-1.90	243 / 0	23.15	21.25	0.133	33.01	-11.76
		2541.0	-1.90	243 / 0	21.17	19.27	0.085	33.01	-13.74
		2546.0	-1.90	1 / 1	25.11	23.21	0.211	33.01	-9.80
		2693.0	-1.90	270 / 0	25.17	23.27	0.212	33.01	-9.74
	16-QAM	2693.0	-1.90	270 / 0	25.00	23.10	0.204	33.01	-9.91
		2546.0	-1.90	1 / 135	25.07	23.17	0.207	33.01	-9.84
		2593.0	-1.90	1 / 1	25.18	23.28	0.213	33.01	-9.73
		2693.0	-1.90	1 / 135	25.23	23.33	0.215	33.01	-9.68
100 MHz	n/2 BPSK	2593.0	-1.90	1 / 135	24.06	22.16	0.164	33.01	-10.85
		2593.0	-1.90	270 / 0	23.31	21.41	0.138	33.01	-11.60
		2593.0	-1.90	270 / 0	21.31	19.41	0.085	33.01	-13.55
		2593.0	-1.90	270 / 0	21.26	19.36	0.084	33.01	-13.60
	QPSK	2593.0	-1.90	270 / 0	25.00	23.10	0.204	33.01	-9.91
		2546.0	-1.90	1 / 135	25.07	23.17	0.207	33.01	-9.84
		2593.0	-1.90	1 / 1	25.18	23.28	0.213	33.01	-9.73
		2693.0	-1.90	1 / 135	25.23	23.33	0.215	33.01	-9.68
	16-QAM	25							

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	24.89	-1.70	23.19	0.208	33.01	-9.82		
				21100	2535.0	1	99		21298	2549.8	1	0	24.92	-1.70	23.22	0.210	33.01	-9.79		
				21350	2560.0	1	0		21152	2540.2	1	99	24.72	-1.70	23.02	0.200	33.01	-9.99		
			QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	24.32	-1.70	22.62	0.183	33.01	-10.39		
				16-QAM	21100	2535	100		0	16-QAM	21298	2554.8	100	0	23.45	-1.70	21.75	0.150	33.01	-11.26
				64-QAM	21100	2535	100		0	64-QAM	21298	2554.8	100	0	22.36	-1.70	20.66	0.116	33.01	-12.35
				256-QAM	21100	2535	100		0	256-QAM	21298	2554.8	100	0	20.24	-1.70	18.54	0.071	33.01	-14.47

Table 7-32. Antenna 3b 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	25.82	-1.90	23.92	0.247	33.01	-9.09
				39790	2510.0	1	99		39988	2529.8	1	0	25.84	-1.90	23.94	0.248	33.01	-9.07
				40620	2593.0	1	99		40818	2612.8	1	0	27.01	-1.90	25.11	0.324	33.01	-7.90
				41490	2680.0	1	0		41292	2660.2	1	99	25.79	-1.90	23.89	0.245	33.01	-9.12
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	26.49	-1.90	24.59	0.288	33.01	-8.42
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	25.55	-1.90	23.65	0.232	33.01	-9.36
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	24.49	-1.90	22.59	0.182	33.01	-10.42
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	21.72	-1.90	19.82	0.096	33.01	-13.19

Table 7-33. Antenna 3b 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	24.45	-1.90	22.55	0.180	33.01	-10.46
				39790	2510.0	1	99		39988	2529.8	1	0	24.42	-1.90	22.52	0.179	33.01	-10.49
				40620	2593.0	1	99		40818	2612.8	1	0	25.51	-1.90	23.61	0.230	33.01	-9.40
				41490	2680.0	1	0		41292	2660.2	1	99	24.39	-1.90	22.49	0.177	33.01	-10.52
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.58	-1.90	22.68	0.185	33.01	-10.33
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.61	-1.90	21.71	0.148	33.01	-11.30
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.52	-1.90	20.62	0.115	33.01	-12.39
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.76	-1.90	17.86	0.061	33.01	-15.15

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

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7.5.4 Antenna 1b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-0.90	1 / 24	23.72	22.82	0.191	23.98	-1.16
		2310.0	-0.90	1 / 24	23.84	22.94	0.197	23.98	-1.04
		2312.5	-0.90	1 / 24	23.67	22.77	0.189	23.98	-1.21
	16-QAM	2310.0	-0.90	1 / 0	23.23	22.33	0.171	23.98	-1.65
	64-QAM	2312.5	-0.90	1 / 24	22.10	21.20	0.132	23.98	-2.78
10 MHz	256-QAM	2307.5	-0.90	25 / 0	19.33	18.43	0.070	23.98	-5.55
	QPSK	2310.0	-0.90	1 / 0	23.67	22.77	0.189	23.98	-1.21
	16-QAM	2310.0	-0.90	1 / 25	22.97	22.07	0.161	23.98	-1.91
	64-QAM	2310.0	-0.90	1 / 25	22.02	21.12	0.129	23.98	-2.86
	256-QAM	2310.0	-0.90	50 / 0	19.28	18.38	0.069	23.98	-5.60

Table 7-35. Antenna 1b EIRP Data (LTE Band 30)

FCC ID: BCGA3462	 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	-1.30	1 / 0	23.66	22.36	0.172	33.01	-10.65
		2535.0	-1.30	1 / 24	23.66	22.36	0.172	33.01	-10.65
		2567.5	-1.30	1 / 0	23.57	22.27	0.169	33.01	-10.74
	16-QAM	2502.5	-1.30	1 / 24	23.06	21.76	0.150	33.01	-11.25
	64-QAM	2535.0	-1.30	1 / 12	21.93	20.63	0.116	33.01	-12.38
	256-QAM	2502.5	-1.30	25 / 0	19.08	17.78	0.060	33.01	-15.23
10 MHz	QPSK	2505.0	-1.30	1 / 25	23.58	22.28	0.169	33.01	-10.73
		2535.0	-1.30	1 / 25	23.60	22.30	0.170	33.01	-10.71
		2565.0	-1.30	1 / 25	23.51	22.21	0.166	33.01	-10.80
	16-QAM	2535.0	-1.30	1 / 25	22.95	21.65	0.146	33.01	-11.36
	64-QAM	2505.0	-1.30	1 / 25	21.87	20.57	0.114	33.01	-12.44
	256-QAM	2505.0	-1.30	50 / 0	19.23	17.93	0.062	33.01	-15.08
15 MHz	QPSK	2507.5	-1.30	1 / 37	23.74	22.44	0.175	33.01	-10.57
		2535.0	-1.30	1 / 37	23.52	22.22	0.167	33.01	-10.79
		2562.5	-1.30	1 / 37	23.46	22.16	0.164	33.01	-10.85
	16-QAM	2535.0	-1.30	1 / 37	22.87	21.57	0.144	33.01	-11.44
	64-QAM	2507.5	-1.30	1 / 37	22.02	20.72	0.118	33.01	-12.29
	256-QAM	2507.5	-1.30	75 / 0	19.15	17.85	0.061	33.01	-15.16
20 MHz	QPSK	2510.0	-1.30	1 / 50	23.58	22.28	0.169	33.01	-10.73
		2535.0	-1.30	1 / 50	23.59	22.29	0.169	33.01	-10.72
		2560.0	-1.30	1 / 50	23.55	22.25	0.168	33.01	-10.76
	16-QAM	2510.0	-1.30	1 / 50	22.95	21.65	0.146	33.01	-11.36
	64-QAM	2535.0	-1.30	1 / 50	21.84	20.54	0.113	33.01	-12.47
	256-QAM	2510.0	-1.30	100 / 0	19.05	17.75	0.060	33.01	-15.26

Table 7-36. Antenna 1b EIRP Data (LTE Band 7)

FCC ID: BCGA3462	 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	-1.60	1 / 0	27.44	25.84	0.384	33.01	-7.17
		2593.0	-1.60	1 / 24	28.36	26.76	0.474	33.01	-6.25
		2687.5	-1.60	1 / 0	27.34	25.74	0.375	33.01	-7.27
	16-QAM	2593.0	-1.60	1 / 24	27.92	26.32	0.429	33.01	-6.69
	64-QAM	2593.0	-1.60	1 / 24	26.67	25.07	0.321	33.01	-7.94
	256-QAM	2593.0	-1.60	25 / 0	23.63	22.03	0.160	33.01	-10.98
10 MHz	QPSK	2501.0	-1.60	1 / 25	27.41	25.81	0.381	33.01	-7.20
		2593.0	-1.60	1 / 0	28.32	26.72	0.470	33.01	-6.29
		2685.0	-1.60	1 / 25	27.37	25.77	0.378	33.01	-7.24
	16-QAM	2593.0	-1.60	1 / 25	27.79	26.19	0.416	33.01	-6.82
	64-QAM	2593.0	-1.60	1 / 49	26.75	25.15	0.327	33.01	-7.86
	256-QAM	2593.0	-1.60	50 / 0	23.73	22.13	0.163	33.01	-10.88
15 MHz	QPSK	2503.5	-1.60	1 / 37	27.26	25.66	0.368	33.01	-7.35
		2593.0	-1.60	1 / 37	28.09	26.49	0.446	33.01	-6.52
		2682.5	-1.60	1 / 37	27.35	25.75	0.376	33.01	-7.26
	16-QAM	2593.0	-1.60	1 / 74	27.43	25.83	0.383	33.01	-7.18
	64-QAM	2593.0	-1.60	1 / 74	26.77	25.17	0.329	33.01	-7.84
	256-QAM	2593.0	-1.60	1 / 74	23.85	22.25	0.168	33.01	-10.76
20 MHz	QPSK	2506.0	-1.60	1 / 50	27.10	25.50	0.355	33.01	-7.51
		2593.0	-1.60	1 / 50	28.04	26.44	0.441	33.01	-6.57
		2680.0	-1.60	1 / 50	27.40	25.80	0.380	33.01	-7.21
	16-QAM	2593.0	-1.60	1 / 50	27.65	26.05	0.403	33.01	-6.96
	64-QAM	2593.0	-1.60	1 / 50	26.52	24.92	0.310	33.01	-8.09
	256-QAM	2593.0	-1.60	1 / 99	23.58	21.98	0.158	33.01	-11.03

Table 7-37. Antenna 1b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3462	 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	-1.60	1 / 0	25.33	23.73	0.236	33.01	-9.28
		2593.0	-1.60	1 / 24	25.23	23.63	0.231	33.01	-9.38
		2687.5	-1.60	1 / 12	25.22	23.62	0.230	33.01	-9.39
	16-QAM	2687.5	-1.60	1 / 24	24.36	22.76	0.189	33.01	-10.25
	64-QAM	2687.5	-1.60	1 / 24	23.23	21.63	0.146	33.01	-11.38
	256-QAM	2687.5	-1.60	25 / 0	20.69	19.09	0.081	33.01	-13.92
10 MHz	QPSK	2501.0	-1.60	1 / 25	25.29	23.69	0.234	33.01	-9.32
		2593.0	-1.60	1 / 49	25.23	23.63	0.231	33.01	-9.38
		2685.0	-1.60	1 / 25	25.24	23.64	0.231	33.01	-9.37
	16-QAM	2501.0	-1.60	1 / 0	24.41	22.81	0.191	33.01	-10.20
	64-QAM	2685.0	-1.60	1 / 49	23.23	21.63	0.146	33.01	-11.38
	256-QAM	2685.0	-1.60	50 / 0	20.74	19.14	0.082	33.01	-13.87
15 MHz	QPSK	2503.5	-1.60	1 / 37	25.12	23.52	0.225	33.01	-9.49
		2593.0	-1.60	1 / 74	24.96	23.36	0.217	33.01	-9.65
		2682.5	-1.60	1 / 37	25.19	23.59	0.229	33.01	-9.42
	16-QAM	2682.5	-1.60	1 / 0	24.29	22.69	0.186	33.01	-10.32
	64-QAM	2682.5	-1.60	1 / 74	23.11	21.51	0.142	33.01	-11.50
	256-QAM	2682.5	-1.60	75 / 0	20.69	19.09	0.081	33.01	-13.92
20 MHz	QPSK	2506.0	-1.60	1 / 50	24.90	23.30	0.214	33.01	-9.71
		2593.0	-1.60	1 / 50	24.97	23.37	0.217	33.01	-9.64
		2680.0	-1.60	1 / 50	25.21	23.61	0.230	33.01	-9.40
	16-QAM	2506.0	-1.60	1 / 50	24.37	22.77	0.189	33.01	-10.24
	64-QAM	2680.0	-1.60	1 / 50	23.24	21.64	0.146	33.01	-11.37
	256-QAM	2506.0	-1.60	100 / 0	20.69	19.09	0.081	33.01	-13.92

Table 7-38. Antenna 1b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3462	 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	-0.90	25 / 0	23.62	22.72	0.187	23.98	-1.26
		2310.0	-0.90	25 / 0	23.68	22.78	0.190	23.98	-1.20
		2312.5	-0.90	1 / 1	23.63	22.73	0.188	23.98	-1.25
	QPSK	2307.5	-0.90	1 / 1	23.54	22.64	0.183	23.98	-1.34
		2310.0	-0.90	1 / 12	23.47	22.57	0.181	23.98	-1.40
		2312.5	-0.90	1 / 12	23.55	22.65	0.184	23.98	-1.33
	16-QAM	2307.5	-0.90	1 / 23	22.42	21.52	0.142	23.98	-2.46
	64-QAM	2310.0	-0.90	25 / 0	21.71	20.81	0.121	23.98	-3.17
	256-QAM	2310.0	-0.90	25 / 0	19.75	18.85	0.077	23.98	-5.13
10 MHz	$\pi/2$ BPSK	2310.0	-0.90	50 / 0	23.74	22.84	0.192	23.98	-1.14
	QPSK	2310.0	-0.90	1 / 50	23.57	22.67	0.185	23.98	-1.31
	16-QAM	2310.0	-0.90	1 / 25	22.44	21.54	0.143	23.98	-2.44
	64-QAM	2310.0	-0.90	50 / 0	21.66	20.76	0.119	23.98	-3.22
	256-QAM	2310.0	-0.90	50 / 0	19.74	18.84	0.077	23.98	-5.14

Table 7-39. Antenna 1b EIRP Data (NR Band n30)

FCC ID: BCGA3462	 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	-1.30	25 / 0	23.76	22.46	0.176	33.01	-10.55
		2535.0	-1.30	25 / 0	23.74	22.44	0.175	33.01	-10.57
		2567.5	-1.30	25 / 0	23.64	22.34	0.172	33.01	-10.67
	QPSK	2502.5	-1.30	1 / 1	23.66	22.36	0.172	33.01	-10.65
		2535.0	-1.30	1 / 12	23.72	22.42	0.175	33.01	-10.59
		2567.5	-1.30	1 / 23	23.55	22.25	0.168	33.01	-10.76
	16-QAM	2502.5	-1.30	1 / 12	22.47	21.17	0.131	33.01	-11.84
	64-QAM	2502.5	-1.30	25 / 0	21.76	20.46	0.111	33.01	-12.55
	256-QAM	2502.5	-1.30	25 / 0	19.74	18.44	0.070	33.01	-14.57
10 MHz	π/2 BPSK	2505.0	-1.30	50 / 0	23.75	22.45	0.176	33.01	-10.56
		2535.0	-1.30	50 / 0	23.79	22.49	0.177	33.01	-10.53
		2565.0	-1.30	50 / 0	23.73	22.43	0.175	33.01	-10.58
	QPSK	2505.0	-1.30	1 / 1	23.75	22.45	0.176	33.01	-10.56
		2535.0	-1.30	1 / 1	23.72	22.42	0.174	33.01	-10.59
		2565.0	-1.30	1 / 50	23.59	22.29	0.169	33.01	-10.72
	16-QAM	2505.0	-1.30	1 / 25	22.56	21.26	0.134	33.01	-11.75
	64-QAM	2505.0	-1.30	50 / 0	21.75	20.45	0.111	33.01	-12.56
	256-QAM	2505.0	-1.30	50 / 0	19.82	18.52	0.071	33.01	-14.49
15 MHz	π/2 BPSK	2507.5	-1.30	75 / 0	23.70	22.40	0.174	33.01	-10.61
		2535.0	-1.30	75 / 0	23.68	22.38	0.173	33.01	-10.63
		2562.5	-1.30	75 / 0	23.62	22.32	0.171	33.01	-10.69
	QPSK	2507.5	-1.30	1 / 36	23.65	22.35	0.172	33.01	-10.66
		2535.0	-1.30	1 / 36	23.71	22.41	0.174	33.01	-10.60
		2562.5	-1.30	1 / 36	23.62	22.32	0.171	33.01	-10.69
	16-QAM	2535.0	-1.30	1 / 77	22.47	21.17	0.131	33.01	-11.84
	64-QAM	2507.5	-1.30	75 / 0	21.70	20.40	0.110	33.01	-12.61
	256-QAM	2507.5	-1.30	75 / 0	19.73	18.43	0.070	33.01	-14.58
20 MHz	π/2 BPSK	2510.0	-1.30	100 / 0	23.69	22.39	0.173	33.01	-10.62
		2535.0	-1.30	100 / 0	23.70	22.40	0.174	33.01	-10.61
		2560.0	-1.30	100 / 0	23.61	22.31	0.170	33.01	-10.70
	QPSK	2510.0	-1.30	1 / 104	23.72	22.42	0.174	33.01	-10.60
		2535.0	-1.30	1 / 1	23.67	22.37	0.172	33.01	-10.64
		2560.0	-1.30	1 / 1	23.70	22.40	0.174	33.01	-10.61
	16-QAM	2510.0	-1.30	1 / 104	22.49	21.19	0.131	33.01	-11.82
	64-QAM	2510.0	-1.30	100 / 0	21.77	20.47	0.111	33.01	-12.54
	256-QAM	2510.0	-1.30	100 / 0	19.73	18.43	0.070	33.01	-14.58
25 MHz	π/2 BPSK	2512.5	-1.30	128 / 0	23.73	22.43	0.175	33.01	-10.58
		2535.0	-1.30	128 / 0	23.73	22.43	0.175	33.01	-10.58
		2557.5	-1.30	128 / 0	23.63	22.33	0.171	33.01	-10.68
	QPSK	2512.5	-1.30	1 / 64	23.64	22.34	0.172	33.01	-10.67
		2535.0	-1.30	1 / 64	23.68	22.38	0.173	33.01	-10.63
		2557.5	-1.30	1 / 1	23.53	22.23	0.167	33.01	-10.78
	16-QAM	2535.0	-1.30	1 / 64	22.49	21.19	0.131	33.01	-11.82
	64-QAM	2535.0	-1.30	128 / 0	21.80	20.50	0.112	33.01	-12.51
	256-QAM	2512.5	-1.30	128 / 0	19.80	18.50	0.071	33.01	-14.51
30 MHz	π/2 BPSK	2515.0	-1.30	1 / 1	23.72	22.42	0.175	33.01	-10.59
		2535.0	-1.30	160 / 0	23.73	22.43	0.175	33.01	-10.58
		2555.0	-1.30	160 / 0	23.73	22.43	0.175	33.01	-10.58
	QPSK	2515.0	-1.30	1 / 158	23.86	22.56	0.180	33.01	-10.45
		2535.0	-1.30	1 / 1	23.79	22.49	0.177	33.01	-10.52
		2555.0	-1.30	1 / 1	23.71	22.41	0.174	33.01	-10.60
	16-QAM	2555.0	-1.30	1 / 1	22.62	21.32	0.136	33.01	-11.69
	64-QAM	2535.0	-1.30	160 / 0	21.77	20.47	0.112	33.01	-12.54
	256-QAM	2535.0	-1.30	160 / 0	19.74	18.44	0.070	33.01	-14.57
35 MHz	π/2 BPSK	2517.5	-1.30	180 / 0	23.63	22.33	0.171	33.01	-10.68
		2535.0	-1.30	180 / 0	23.70	22.40	0.174	33.01	-10.61
		2552.5	-1.30	180 / 0	23.70	22.40	0.174	33.01	-10.61
	QPSK	2517.5	-1.30	1 / 90	23.68	22.38	0.173	33.01	-10.63
		2535.0	-1.30	1 / 90	23.71	22.41	0.174	33.01	-10.60
		2552.5	-1.30	1 / 90	23.59	22.29	0.169	33.01	-10.72
	16-QAM	2552.5	-1.30	1 / 1	22.50	21.20	0.132	33.01	-11.81
	64-QAM	2535.0	-1.30	180 / 0	21.71	20.41	0.110	33.01	-12.60
	256-QAM	2535.0	-1.30	180 / 0	19.75	18.45	0.070	33.01	-14.56
40 MHz	π/2 BPSK	2520.0	-1.30	216 / 0	23.75	22.45	0.176	33.01	-10.56
		2535.0	-1.30	1 / 1	23.78	22.48	0.177	33.01	-10.53
		2550.0	-1.30	216 / 0	23.76	22.46	0.176	33.01	-10.55
	QPSK	2520.0	-1.30	1 / 108	23.87	22.57	0.181	33.01	-10.44
		2535.0	-1.30	1 / 214	23.70	22.40	0.174	33.01	-10.61
		2550.0	-1.30	1 / 108	23.65	22.35	0.172	33.01	-10.66
	16-QAM	2520.0	-1.30	1 / 108	22.56	21.26	0.134	33.01	-11.75
	64-QAM	2550.0	-1.30	216 / 0	21.80	20.50	0.112	33.01	-12.51
	256-QAM	2535.0	-1.30	216 / 0	19.80	18.50	0.071	33.01	-14.51
50 MHz	π/2 BPSK	2525.0	-1.30	270 / 0	23.69	22.39	0.173	33.01	-10.62
		2535.0	-1.30	270 / 0	23.76	22.46	0.176	33.01	-10.55
		2545.0	-1.30	270 / 0	23.75	22.45	0.176	33.01	-10.56
	QPSK	2525.0	-1.30	1 / 135	23.62	22.32	0.170	33.01	-10.69
		2535.0	-1.30	1 / 135	23.72	22.42	0.175	33.01	-10.59
		2545.0	-1.30	1 / 135	23.67	22.37	0.173	33.01	-10.64
	16-QAM	2535.0	-1.30	1 / 135	22.59	21.29	0.135	33.01	-11.72
	64-QAM	2545.0	-1.30	270 / 0	21.80	20.50	0.112	33.01	-12.51
	256-QAM	2535.0	-1.30	270 / 0	19.86	18.56	0.072	33.01	-14.45

Table 7-40. Antenna 1b EIRP Data (NR Band n7)

FCC ID: BCGA3462		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device		Page 264 of 318

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NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	1/2 BPSK	2501.0	-1.60	24 / 0	27.18	25.58	0.361	33.01	-7.43
		2593.0	-1.60	24 / 0	28.21	26.61	0.458	33.01	-6.40
		2685.0	-1.60	24 / 0	27.01	25.41	0.348	33.01	-7.60
		2501.0	-1.60	1 / 1	27.20	25.60	0.383	33.01	-7.41
		2593.0	-1.60	1 / 1	28.17	26.57	0.454	33.01	-6.44
		2685.0	-1.60	1 / 1	28.93	25.33	0.341	33.01	-7.68
	QPSK	2593.0	-1.60	1 / 1	27.04	25.44	0.350	33.01	-7.57
		2593.0	-1.60	24 / 0	28.35	24.75	0.299	33.01	-8.26
		2593.0	-1.60	36 / 0	27.17	25.57	0.361	33.01	-7.44
		2593.0	-1.60	36 / 0	28.21	26.61	0.458	33.01	-6.40
		2593.0	-1.60	36 / 0	28.94	25.34	0.342	33.01	-7.67
		2503.5	-1.60	1 / 1	27.24	25.64	0.366	33.01	-7.37
15 MHz	1/2 BPSK	2593.0	-1.60	1 / 18	28.52	26.92	0.492	33.01	-6.09
		2682.5	-1.60	1 / 1	27.00	25.40	0.347	33.01	-7.61
		2593.0	-1.60	1 / 18	27.16	25.56	0.360	33.01	-7.45
		2593.0	-1.60	1 / 18	27.16	25.56	0.360	33.01	-7.45
		2593.0	-1.60	1 / 18	27.16	25.56	0.360	33.01	-7.45
		2593.0	-1.60	1 / 18	27.16	25.56	0.360	33.01	-7.45
	QPSK	2593.0	-1.60	36 / 0	26.30	24.70	0.295	33.01	-8.31
		2593.0	-1.60	36 / 0	24.30	22.70	0.186	33.01	-10.31
		2593.0	-1.60	50 / 0	27.22	25.62	0.365	33.01	-7.39
		2593.0	-1.60	50 / 0	28.21	26.61	0.458	33.01	-6.40
		2593.0	-1.60	50 / 0	26.84	25.34	0.342	33.01	-7.67
		2593.0	-1.60	1 / 1	27.17	25.57	0.361	33.01	-7.44
20 MHz	1/2 BPSK	2593.0	-1.60	1 / 49	28.18	26.58	0.455	33.01	-6.43
		2680.0	-1.60	1 / 1	27.08	25.48	0.353	33.01	-7.66
		2593.0	-1.60	50 / 0	28.24	24.64	0.291	33.01	-8.37
		2593.0	-1.60	50 / 0	28.31	22.71	0.187	33.01	-10.30
		2593.0	-1.60	64 / 0	27.27	25.67	0.360	33.01	-7.37
		2593.0	-1.60	64 / 0	28.26	26.66	0.463	33.01	-6.35
	QPSK	2677.5	-1.60	1 / 1	27.01	25.41	0.348	33.01	-7.60
		2593.0	-1.60	1 / 1	27.16	25.56	0.360	33.01	-7.45
		2593.0	-1.60	1 / 1	28.22	26.62	0.459	33.01	-6.39
		2677.5	-1.60	1 / 1	26.97	25.37	0.344	33.01	-7.64
		2593.0	-1.60	1 / 63	27.27	25.67	0.369	33.01	-7.34
		2593.0	-1.60	64 / 0	28.26	24.76	0.301	33.01	-8.23
25 MHz	1/2 BPSK	2593.0	-1.60	64 / 0	28.26	24.76	0.301	33.01	-8.23
		2593.0	-1.60	64 / 0	28.35	22.74	0.188	33.01	-10.27
		2511.0	-1.60	1 / 76	27.21	25.61	0.364	33.01	-7.40
		2593.0	-1.60	1 / 1	28.22	26.62	0.459	33.01	-6.39
		2675.0	-1.60	1 / 1	27.40	25.80	0.380	33.01	-7.21
		2511.0	-1.60	1 / 76	27.23	25.63	0.366	33.01	-7.38
	QPSK	2593.0	-1.60	1 / 1	28.29	26.69	0.467	33.01	-6.32
		2675.0	-1.60	75 / 0	27.57	25.97	0.395	33.01	-7.04
		2593.0	-1.60	1 / 1	27.48	25.88	0.387	33.01	-7.13
		2593.0	-1.60	75 / 0	28.27	24.67	0.293	33.01	-8.34
		2593.0	-1.60	75 / 0	24.27	22.67	0.185	33.01	-10.34
		2513.5	-1.60	1 / 90	27.23	25.63	0.366	33.01	-7.38
35 MHz	1/2 BPSK	2593.0	-1.60	1 / 1	28.25	26.65	0.462	33.01	-6.36
		2672.5	-1.60	1 / 1	27.24	25.64	0.366	33.01	-7.37
		2513.5	-1.60	1 / 90	27.26	25.66	0.368	33.01	-7.35
		2593.0	-1.60	1 / 1	28.33	26.73	0.471	33.01	-6.28
		2672.5	-1.60	1 / 1	27.28	25.68	0.370	33.01	-7.33
		2593.0	-1.60	1 / 45	27.29	25.69	0.371	33.01	-7.32
	QPSK	2593.0	-1.60	90 / 0	26.31	24.71	0.296	33.01	-8.30
		2593.0	-1.60	90 / 0	24.29	22.69	0.186	33.01	-10.32
		2516.0	-1.60	1 / 104	27.28	25.68	0.371	33.01	-7.32
		2593.0	-1.60	1 / 1	28.30	26.70	0.468	33.01	-6.31
		2670.0	-1.60	1 / 1	27.54	25.94	0.393	33.01	-7.07
		2516.0	-1.60	1 / 104	27.25	25.65	0.367	33.01	-7.36
40 MHz	1/2 BPSK	2593.0	-1.60	1 / 1	28.38	26.78	0.476	33.01	-6.23
		2670.0	-1.60	1 / 1	27.22	25.62	0.365	33.01	-7.39
		2593.0	-1.60	1 / 1	27.18	25.58	0.361	33.01	-7.43
		2593.0	-1.60	100 / 0	26.31	24.71	0.296	33.01	-8.30
		2593.0	-1.60	100 / 0	24.28	22.68	0.186	33.01	-10.32
		2518.5	-1.60	1 / 117	27.25	25.65	0.371	33.01	-7.32
	QPSK	2593.0	-1.60	1 / 1	28.23	26.63	0.460	33.01	-6.38
		2667.5	-1.60	1 / 1	27.28	25.68	0.370	33.01	-7.33
		2518.5	-1.60	1 / 117	27.26	25.66	0.363	33.01	-7.41
		2593.0	-1.60	1 / 1	28.26	26.66	0.463	33.01	-6.35
		2667.5	-1.60	1 / 1	27.36	25.76	0.377	33.01	-7.25
		2593.0	-1.60	1 / 1	27.09	25.49	0.354	33.01	-7.52
50 MHz	1/2 BPSK	2593.0	-1.60	108 / 0	26.26	24.66	0.292	33.01	-8.35
		2593.0	-1.60	108 / 0	24.32	22.72	0.187	33.01	-10.29
		2521.0	-1.60	128 / 0	27.39	25.79	0.378	33.01	-7.22
		2593.0	-1.60	128 / 0	28.18	26.58	0.455	33.01	-6.43
		2665.0	-1.60	1 / 1	27.41	25.81	0.381	33.01	-7.20
		2521.0	-1.60	1 / 131	27.44	25.84	0.384	33.01	-7.17
	QPSK	2593.0	-1.60	1 / 1	28.15	26.55	0.452	33.01	-6.46
		2665.0	-1.60	1 / 1	27.46	25.86	0.385	33.01	-7.15
		2593.0	-1.60	1 / 1	27.16	25.56	0.361	33.01	-7.43
		2593.0	-1.60	128 / 0	28.33	24.73	0.297	33.01	-8.28
		2528.0	-1.60	1 / 160	27.50	25.90	0.389	33.01	-7.11
		2593.0	-1.60	162 / 0	28.12	26.52	0.448	33.01	-6.48
60 MHz	1/2 BPSK	2660.0	-1.60	1 / 1	27.59	25.99	0.397	33.01	-7.02
		2528.0	-1.60	1 / 160	27.64	26.04	0.402	33.01	-6.97
		2593.0	-1.60	1 / 81	28.17	26.87	0.454	33.01	-6.44
		2660.0	-1.60	1 / 1	27.58	25.98	0.396	33.01	-7.03
		2593.0	-1.60	1 / 1	27.15	25.55	0.359	33.01	-7.46
		2593.0	-1.60	162 / 0	26.17	24.57	0.286	33.01	-8.44
	QPSK	2593.0	-1.60	162 / 0	24.23	22.63	0.183	33.01	-10.38
		2531.0	-1.60	1 / 167	27.60	26.00	0.398	33.01	-7.01
		2593.0	-1.60	180 / 0	28.14	26.54	0.451	33.01	-6.47
		2655.0	-1.60	1 / 1	27.47	25.87	0.386	33.01	-7.14
		2531.0	-1.60	1 / 80	27.51	25.91	0.390	33.01	-7.10
		2655.0	-1.60	1 / 1	27.51	25.91	0.390	33.01	-7.10
70 MHz	1/2 BPSK	2593.0	-1.60	1 / 90	26.97	25.37	0.344	33.01	-7.64
		2593.0	-1.60	180 / 0	26.17	24.57	0.286	33.01	-8.44
		2593.0	-1.60	180 / 0	24.21	22.61	0.182	33.01	-10.40
		2536.0	-1.60	1 / 215	27.57	25.97	0.395	33.01	-7.04
		2593.0	-1.60	216 / 0	28.25	26.65	0.462	33.01	-6.36
		2650.0	-1.60	1 / 1	27.56	25.96	0.394	33.01	-7.05
	QPSK	2536.0	-1.60	1 / 215	27.60	26.00	0.398	33.01	-7.01
		2593.0	-1.60	1 / 1	28.24	26.64	0.461	33.01	-6.37
		2650.0	-1.60	1 / 1	27.63	26.03	0.401	33.01	-6.98
		2593.0	-1.60	1 / 1	27.20	25.60	0.363	33.01	-7.41
		2593.0	-1.60	216 / 0	28.22	24.62	0.290	33.01	-8.39
		2593.0	-1.60	216 / 0	24.31	22.71	0.187	33.01	-10.30
80 MHz	1/2 BPSK	2541.0	-1.60	1 / 243	27.51	25.91	0.390	33.01	-7.10
		2593.0	-1.60	243 / 0	28.21	26.61	0.458	33.01	-6.40
		2645.0	-1.60	1 / 1	27.67	26.07	0.405	33.01	-6.94
		2541.0	-1.60	1 / 120	27.67	26.07	0.405	33.01	-6.94
		2593.0	-1.60	1 / 243	28.09	26.49	0.446	33.01	-6.52
		2645.0	-1.60	1 / 1	27.56	25.96	0.394	33.01	-7.05
	QPSK	2593.0	-1.60	1 / 120	27.69	26.09	0.401	33.01	-6.96
		2593.0	-1.60	243 / 0	28.16	26.56	0.446	33.01	-6.50
		2593.0	-1.60	243 / 0	24.23	22.63	0.183	33.01	-10.38
		2548.0	-1.60	1 / 135	27.58	25.98	0.394	33.01	-7.06
		2593.0	-1.60	270 / 0	28.15	26.55	0.452	33.01	-6.46
		2645.0	-1.60	1 / 1	27.25	25.65	0.363	33.01	-7.41
100 MHz	1/2 BPSK	2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11
		2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11
		2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11
		2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11
		2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11
		2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11
	QPSK	2593.0	-1.60	270 / 0	26.21	24.61	0.289	33.01	-8.40
		2593.0	-1.60	270 / 0	24.25	22.65	0.184	33.01	-10.36
		2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11
		2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11
		2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11
		2593.0	-1.60	1 / 135	27.50	25.90	0.389	33.01	-7.11

NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	
10 MHz	n12 BPSK	2501.0	-1.60	24 / 0	25.27	23.67	0.233	33.01	-9.34	
		2593.0	-1.60	24 / 0	25.26	23.66	0.232	33.01	-9.35	
		2685.0	-1.60	24 / 0	24.99	23.39	0.218	33.01	-9.62	
		2591.0	-1.60	1 / 1	25.20	23.60	0.229	33.01	-9.41	
		2593.0	-1.60	1 / 12	25.17	23.57	0.228	33.01	-9.44	
		2685.0	-1.60	1 / 1	24.91	23.31	0.214	33.01	-9.70	
	QPSK	16-QAM	2593.0	-1.60	1 / 1	24.11	22.51	0.178	33.01	-10.50
		64-QAM	2591.0	-1.60	24 / 0	23.38	21.78	0.151	33.01	-11.23
		256-QAM	2593.0	-1.60	24 / 0	21.45	19.85	0.097	33.01	-13.16
		2503.5	-1.60	36 / 0	25.35	23.75	0.237	33.01	-9.26	
		2593.0	-1.60	1 / 1	25.30	23.70	0.234	33.01	-9.31	
		2682.5	-1.60	1 / 1	25.01	23.41	0.219	33.01	-9.60	
15 MHz	n12 BPSK	2503.5	-1.60	1 / 1	25.41	23.81	0.240	33.01	-9.20	
		2593.0	-1.60	1 / 36	25.24	23.64	0.231	33.01	-9.37	
		2592.5	-1.60	1 / 1	25.03	23.43	0.220	33.01	-9.58	
		16-QAM	2593.0	-1.60	1 / 36	24.17	22.57	0.181	33.01	-10.44
		64-QAM	2503.5	-1.60	36 / 0	23.26	21.66	0.147	33.01	-11.35
		256-QAM	2593.0	-1.60	36 / 0	21.32	19.72	0.094	33.01	-13.29
	QPSK	2593.0	-1.60	50 / 0	25.21	23.61	0.230	33.01	-9.40	
		2680.0	-1.60	1 / 49	24.99	23.39	0.218	33.01	-9.62	
		2596.0	-1.60	1 / 49	25.27	23.67	0.233	33.01	-9.34	
		2593.0	-1.60	1 / 49	25.32	23.72	0.236	33.01	-9.28	
		3600.0	-1.60	1 / 49	25.04	23.44	0.221	33.01	-9.57	
		2593.0	-1.60	1 / 49	24.38	22.78	0.190	33.01	-10.23	
20 MHz	n12 BPSK	64-QAM	2593.0	-1.60	50 / 0	23.33	21.73	0.149	33.01	-11.28
		256-QAM	2593.0	-1.60	50 / 0	21.38	19.78	0.095	33.01	-13.23
		2508.5	-1.60	64 / 0	25.22	23.62	0.230	33.01	-9.39	
		2593.0	-1.60	64 / 0	25.21	23.61	0.230	33.01	-9.40	
		2677.5	-1.60	64 / 0	24.94	23.34	0.216	33.01	-9.67	
		2508.5	-1.60	1 / 32	25.18	23.58	0.229	33.01	-9.42	
	QPSK	2593.0	-1.60	1 / 1	25.25	23.65	0.232	33.01	-9.36	
		2677.5	-1.60	1 / 1	24.99	23.39	0.218	33.01	-9.62	
		16-QAM	2593.0	-1.60	1 / 63	24.26	22.66	0.185	33.01	-10.33
		64-QAM	2508.5	-1.60	64 / 0	23.40	21.80	0.151	33.01	-11.21
		256-QAM	2508.5	-1.60	64 / 0	21.51	19.91	0.098	33.01	-13.10
		2511.0	-1.60	75 / 0	25.30	23.70	0.234	33.01	-9.31	
30 MHz	n12 BPSK	2593.0	-1.60	1 / 1	25.29	23.69	0.234	33.01	-9.32	
		2675.0	-1.60	75 / 0	25.03	23.43	0.220	33.01	-9.58	
		2511.0	-1.60	1 / 1	25.26	23.66	0.232	33.01	-9.35	
		2593.0	-1.60	1 / 1	25.34	23.74	0.237	33.01	-9.27	
		2515.0	-1.60	1 / 1	25.04	23.44	0.221	33.01	-9.57	
		16-QAM	2593.0	-1.60	1 / 1	24.30	22.70	0.186	33.01	-10.31
	QPSK	64-QAM	2511.0	-1.60	75 / 0	23.30	21.70	0.148	33.01	-11.31
		256-QAM	2511.0	-1.60	75 / 0	21.33	19.73	0.094	33.01	-13.28
		2513.5	-1.60	90 / 0	25.33	23.73	0.236	33.01	-9.28	
		2593.0	-1.60	1 / 1	25.42	23.82	0.241	33.01	-9.19	
		2672.5	-1.60	90 / 0	25.14	23.54	0.228	33.01	-9.47	
		2513.5	-1.60	1 / 1	25.30	23.70	0.234	33.01	-9.31	
35 MHz	n12 BPSK	2593.0	-1.60	1 / 1	25.38	23.78	0.239	33.01	-9.23	
		2672.5	-1.60	1 / 1	25.06	23.46	0.222	33.01	-9.55	
		16-QAM	2593.0	-1.60	1 / 1	24.22	22.62	0.183	33.01	-10.39
		64-QAM	2513.5	-1.60	90 / 0	23.27	21.67	0.147	33.01	-11.34
		256-QAM	2513.5	-1.60	90 / 0	21.33	19.73	0.094	33.01	-13.28
		2516.0	-1.60	1 / 104	25.26	23.66	0.232	33.01	-9.35	
	QPSK	2593.0	-1.60	1 / 1	25.34	23.74	0.237	33.01	-9.27	
		2670.0	-1.60	100 / 0	25.11	23.51	0.224	33.01	-9.50	
		2516.0	-1.60	1 / 104	25.40	23.80	0.240	33.01	-9.21	
		2593.0	-1.60	1 / 1	25.43	23.83	0.242	33.01	-9.18	
		2670.0	-1.60	1 / 104	25.12	23.52	0.225	33.01	-9.49	
		2593.0	-1.60	1 / 1	24.31	22.71	0.187	33.01	-10.50	
40 MHz	n12 BPSK	64-QAM	2516.0	-1.60	100 / 0	23.37	21.77	0.150	33.01	-11.24
		256-QAM	2516.0	-1.60	100 / 0	21.28	19.68	0.093	33.01	-13.33
		2518.5	-1.60	108 / 0	25.21	23.61	0.230	33.01	-9.40	
		2593.0	-1.60	1 / 1	25.28	23.68	0.232	33.01	-9.35	
		2687.5	-1.60	108 / 0	25.00	23.40	0.218	33.01	-9.61	
		2518.5	-1.60	1 / 54	25.16	23.56	0.227	33.01	-9.45	
	QPSK	2593.0	-1.60	1 / 1	25.28	23.68	0.233	33.01	-9.33	
		2687.5	-1.60	1 / 1	25.08	23.48	0.223	33.01	-9.53	
		16-QAM	2518.5	-1.60	1 / 117	24.16	22.56	0.180	33.01	-10.45
		64-QAM	2518.5	-1.60	108 / 0	23.38	21.78	0.151	33.01	-11.23
		256-QAM	2518.5	-1.60	108 / 0	21.41	19.81	0.095	33.01	-13.20
		2521.0	-1.60	126 / 0	25.40	23.80	0.240	33.01	-9.21	
45 MHz	n12 BPSK	2593.0	-1.60	128 / 0	25.32	23.72	0.236	33.01	-9.29	
		2685.0	-1.60	128 / 0	25.04	23.44	0.221	33.01	-9.57	
		2521.0	-1.60	1 / 84	25.24	23.64	0.231	33.01	-9.37	
		2593.0	-1.60	1 / 84	25.24	23.64	0.231	33.01	-9.37	
		3600.0	-1.60	1 / 84	25.06	23.46	0.222	33.01	-9.55	
		2593.0	-1.60	1 / 84	24.24	22.64	0.184	33.01	-10.37	
	QPSK	64-QAM	2593.0	-1.60	128 / 0	23.37	21.77	0.150	33.01	-11.24
		256-QAM	2521.0	-1.60	128 / 0	21.41	19.81	0.095	33.01	-13.20
		2593.0	-1.60	128 / 0	21.41	19.81	0.095	33.01	-13.20	
		2526.0	-1.60	1 / 160	25.28	23.68	0.233	33.01	-9.33	
		2593.0	-1.60	1 / 1	25.28	23.68	0.233	33.01	-9.33	
		2690.0	-1.60	1 / 1	25.31	23.71	0.235	33.01	-9.30	
50 MHz	n12 BPSK	2526.0	-1.60	1 / 160	25.21	23.61	0.230	33.01	-9.40	
		2593.0	-1.60	1 / 1	25.17	23.57	0.228	33.01	-9.44	
		2690.0	-1.60	1 / 1	25.21	23.61	0.230	33.01	-9.40	
		16-QAM	2593.0	-1.60	1 / 1	24.08	22.48	0.177	33.01	-10.52
		64-QAM	2526.0	-1.60	162 / 0	23.29	21.69	0.148	33.01	-11.32
		256-QAM	2526.0	-1.60	162 / 0	21.20	19.60	0.091	33.01	-13.41
	QPSK	2531.0	-1.60	1 / 160	25.23	23.63	0.231	33.01	-9.38	
		2690.0	-1.60	180 / 0	25.22	23.62	0.230	33.01	-9.38	
		2685.0	-1.60	180 / 0	25.09	23.49	0.223	33.01	-9.52	
		2531.0	-1.60	1 / 90	25.32	23.72	0.236	33.01	-9.29	
		2593.0	-1.60	1 / 180	25.30	23.70	0.234	33.01	-9.31	
		2685.0	-1.60	1 / 90	25.20	23.60	0.229	33.01	-9.41	
60 MHz	n12 BPSK	2593.0	-1.60	1 / 1	24.09	22.49	0.177	33.01	-10.52	
		64-QAM	2531.0	-1.60	180 / 0	23.22	21.62	0.145	33.01	-11.39
		256-QAM	2531.0	-1.60	180 / 0	21.19	19.59	0.091	33.01	-13.42
		2536.0	-1.60	1 / 215	25.30	23.70	0.234	33.01	-9.31	
		2593.0	-1.60	1 / 215	25.37	23.77	0.238	33.01	-9.24	
		2690.0	-1.60	1 / 108	25.14	23.54	0.226	33.01	-9.47	
	QPSK	2536.0	-1.60	1 / 215	25.45	23.85	0.243	33.01	-9.16	
		2593.0	-1.60	1 / 215	25.32	23.72	0.236	33.01	-9.29	
		2650.0	-1.60	1 / 1	25.14	23.54	0.226	33.01	-9.47	
		16-QAM	2536.0	-1.60	1 / 215	24.20	22.60	0.182	33.01	-10.41
		64-QAM	2536.0	-1.60	216 / 0	23.27	21.67	0.147	33.01	-11.34
		256-QAM	2536.0	-1.60	216 / 0	21.24	19.64	0.092	33.01	-13.37
70 MHz	n12 BPSK	2541.0	-1.60	1 / 243	25.17	23.57	0.228	33.01	-9.44	
		2593.0	-1.60	243 / 0	25.15	23.55	0.226	33.01	-9.46	
		2645.0	-1.60	243 / 0	25.14	23.54	0.226	33.01	-9.47	
		2541.0	-1.60	1 / 1	25.26	23.66	0.232	33.01	-9.35	
		2593.0	-1.60	1 / 120	25.10	23.50	0.224	33.01	-9.51	
		2645.0	-1.60	1 / 120	25.12	23.52	0.225	33.01	-9.49	
	QPSK	16-QAM	2541.0	-1.60	1 / 243	24.25	22.65	0.184	33.01	-10.36
		64-QAM	2541.0	-1.60	243 / 0	23.28	21.68	0.147	33.01	-11.35
		256-QAM	2541.0	-1.60	243 / 0	21.36	19.76	0.095	33.01	-13.23
		2546.0	-1.60	270 / 0	25.22	23.62	0.230	33.01	-9.37	
		2593.0	-1.60	270 / 0	25.19	23.59	0.229	33.01	-9.42	
		2640.0	-1.60	270 / 0	25.18	23.58	0.228	33.01	-9.43	
80 MHz	n12 BPSK	2593.0	-1.60	1 / 135	25.25	23.65	0.232	33.01	-9.36	
		2640.0	-1.60	1 / 135	25.03	23.43	0.220	33.01	-9.58	
		2593.0	-1.60	1 / 1	25.09	23.49	0.223	33.01	-9.62	
		16-QAM	2640.0	-1.60	1 / 135	24.09	22.49	0.177	33.01	-10.52
		64-QAM	2546.0	-1.60	270 / 0	23.25	21.65	0.146	33.01	-11.38
		256-QAM	2593.0	-1.60	270 / 0	21.30	19.70	0.093	33.01	-13.31
	QPSK	2593.0	-1.60	1 / 1	25.09	23.49	0.223	33.01	-9.62	
		2640.0	-1.60	1 / 135	24.09	22.49	0.177	33.01	-10.52	
		2546.0	-1.60	270 / 0	23.25	21.65	0.146	33.01	-11.38	
		2593.0	-1.60	270 / 0	21.30	19.70	0.093	33.01	-13.31	
		2593.0	-1.60	1 / 1	25.09	23.49	0.223	33.01	-9.62	
		2640.0	-1.60	1 / 135	24.09	22.49	0.177	33.01	-10.52	

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	23.78	-1.30	22.48	0.177	33.01	-10.53	
				21100	2535.0	1	99		21298	2549.8	1	0	23.82	-1.30	22.52	0.179	33.01	-10.49	
				21350	2560.0	1	0		21152	2540.2	1	99	23.91	-1.30	22.61	0.182	33.01	-10.40	
				21350	2560	100	0		21152	2540.2	100	0	23.36	-1.30	22.06	0.161	33.01	-10.95	
			16-QAM	21350	2560	100	0	16-QAM	21152	2540.2	100	0	22.41	-1.30	21.11	0.129	33.01	-11.90	
				64-QAM	21350	2560	100	0	64-QAM	21152	2540.2	100	0	21.35	-1.30	20.05	0.101	33.01	-12.96
				256-QAM	21350	2560	100	0	256-QAM	21152	2540.2	100	0	19.42	-1.30	18.12	0.065	33.01	-14.89

Table 7-43. Antenna 1b 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	26.31	-1.60	24.71	0.296	33.01	-8.30
				39790	2510.0	1	99		39988	2529.8	1	0	26.27	-1.60	24.67	0.293	33.01	-8.34
				40620	2593.0	1	99		40818	2612.8	1	0	27.42	-1.60	25.82	0.382	33.01	-7.19
				41490	2680.0	1	0		41292	2660.2	1	99	26.33	-1.60	24.73	0.297	33.01	-8.28
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	26.97	-1.60	25.37	0.344	33.01	-7.64
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	25.88	-1.60	24.28	0.268	33.01	-8.73
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	24.92	-1.60	23.32	0.215	33.01	-9.69
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	22.11	-1.60	20.51	0.112	33.01	-12.50

Table 7-44. Antenna 1b 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	24.51	-1.60	22.91	0.195	33.01	-10.10
				39790	2510.0	1	99		39988	2529.8	1	0	24.49	-1.60	22.89	0.195	33.01	-10.12
				40620	2593.0	1	99		40818	2612.8	1	0	25.45	-1.60	23.85	0.243	33.01	-9.16
				41490	2680.0	1	0		41292	2660.2	1	99	24.55	-1.60	22.95	0.197	33.01	-10.06
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.78	-1.60	23.18	0.208	33.01	-9.83
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.67	-1.60	22.07	0.161	33.01	-10.94
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.72	-1.60	21.12	0.129	33.01	-11.89
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.93	-1.60	18.33	0.068	33.01	-14.68

Table 7-45. Antenna 1b EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device		Page 267 of 318

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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.

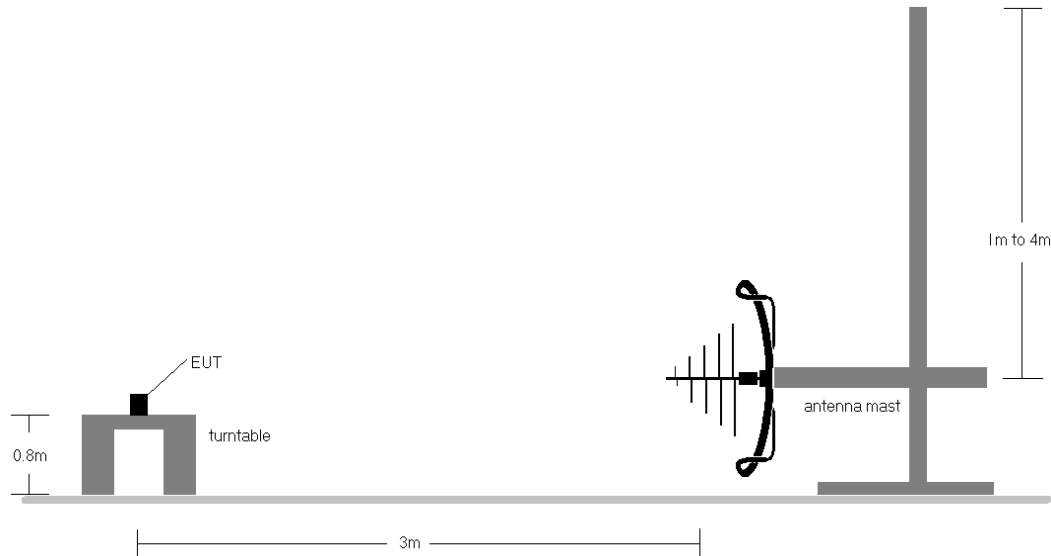


Figure 7-9. Test Instrument & Measurement Setup < 1GHz

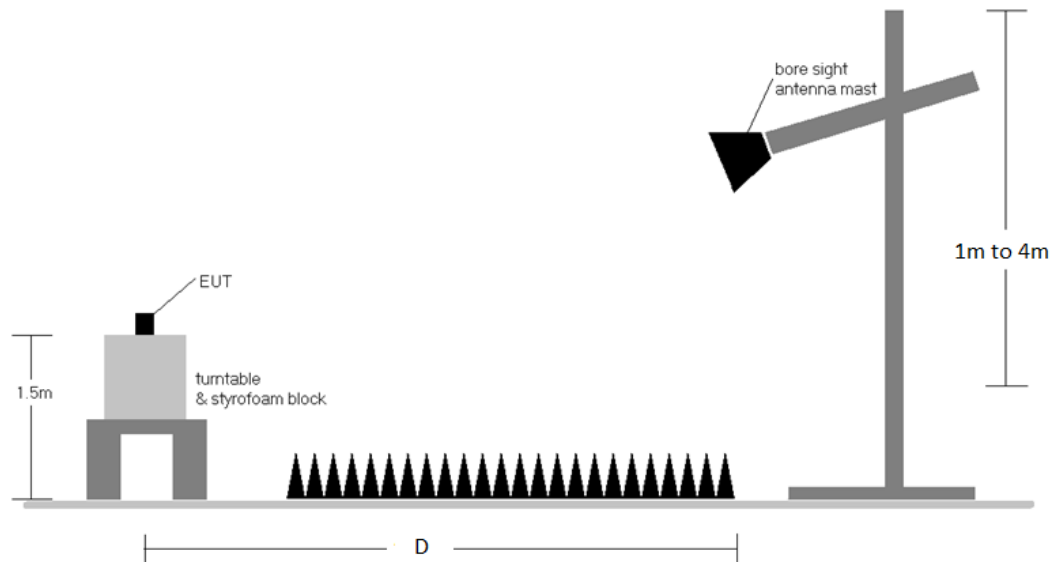


Figure 7-10. Test Instrument & Measurement Setup >1 GHz

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Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 269 of 318

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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 4 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	-	-	-79.91	6.71	33.79	-61.46	-40.00	-21.46
6922.5	V	-	-	-81.48	10.47	35.99	-59.27	-40.00	-19.27
9230.0	V	-	-	-81.53	11.48	36.95	-58.31	-40.00	-18.31

Table 7-46. Antenna 4 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	-	-	-79.98	6.68	33.70	-61.55	-40.00	-21.55
6930.0	V	-	-	-81.53	10.49	35.96	-59.30	-40.00	-19.30
9240.0	V	-	-	-81.35	11.29	36.94	-58.32	-40.00	-18.32

Table 7-47. Antenna 4 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	-	-	-79.90	6.68	33.78	-61.48	-40.00	-21.48
6937.50	V	-	-	-81.46	10.49	36.03	-59.23	-40.00	-19.23
9250.00	V	-	-	-81.66	11.48	36.82	-58.44	-40.00	-18.44

Table 7-48. Antenna 4 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	V	-	-	-80.33	6.94	33.61	-61.64	-25.00	-36.64
7530.0	V	-	-	-81.20	10.29	36.09	-59.17	-25.00	-34.17
10040.0	V	-	-	-82.48	13.69	38.22	-57.04	-25.00	-32.04

Table 7-49. Antenna 4 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	V	-	-	-79.84	6.95	34.11	-61.15	-25.00	-36.15
7605.0	H	-	-	-81.45	10.38	35.93	-59.33	-25.00	-34.33
10140.0	V	-	-	-82.52	14.27	38.75	-56.51	-25.00	-31.51

Table 7-50. Antenna 4 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	-	-	-80.16	7.21	34.05	-61.21	-25.00	-36.21
7680.00	H	-	-	-81.19	10.53	36.34	-58.92	-25.00	-33.92
10240.00	H	-	-	-82.59	14.52	38.93	-56.32	-25.00	-31.32

Table 7-51. Antenna 4 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	V	-	-	-79.63	6.87	34.24	-61.02	-25.00	-36.02
7518.0	V	-	-	-80.60	10.29	36.69	-58.57	-25.00	-33.57
10024.0	V	-	-	-81.84	13.69	38.85	-56.40	-25.00	-31.40

Table 7-52. Antenna 4 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	-	-	-79.82	7.41	34.59	-60.67	-25.00	-35.67
7779.0	H	-	-	-80.79	10.64	36.85	-58.41	-25.00	-33.41
10372.0	H	-	-	-81.75	14.12	39.37	-55.89	-25.00	-30.89

Table 7-53. Antenna 4 Radiated Spurious Data (LTE Band 41 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
RB / Offset:	1 / 50

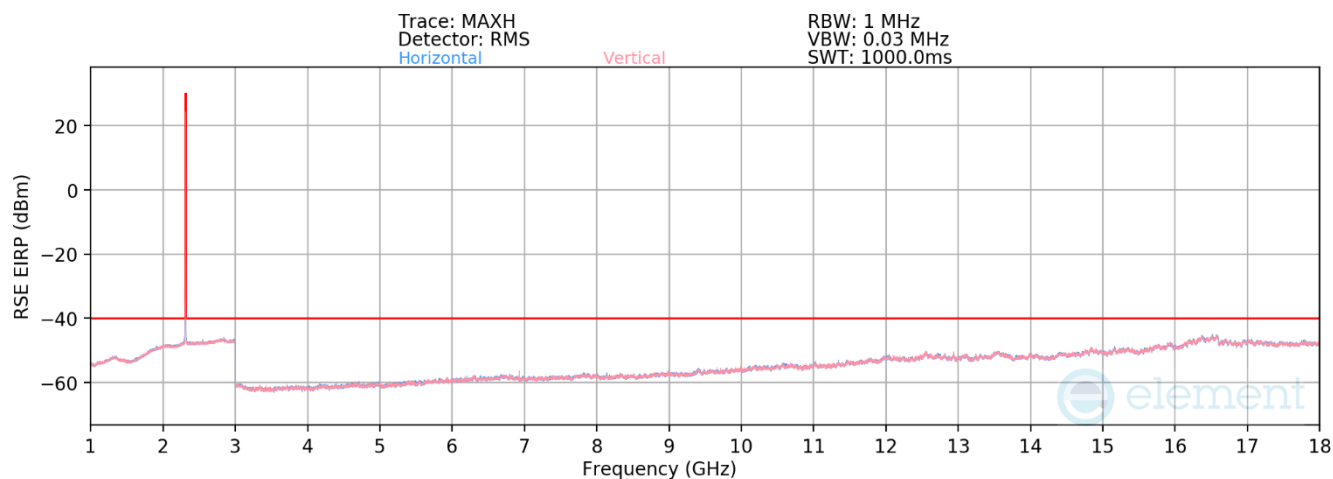
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-80.00	7.97	34.97	-60.29	-25.00	-35.29
8040.0	H	-	-	-80.59	10.40	36.81	-58.45	-25.00	-33.45
10720.0	V	-	-	-82.58	15.58	39.99	-55.26	-25.00	-30.26

Table 7-54. Antenna 4 Radiated Spurious Data (LTE Band 41 – High Channel)

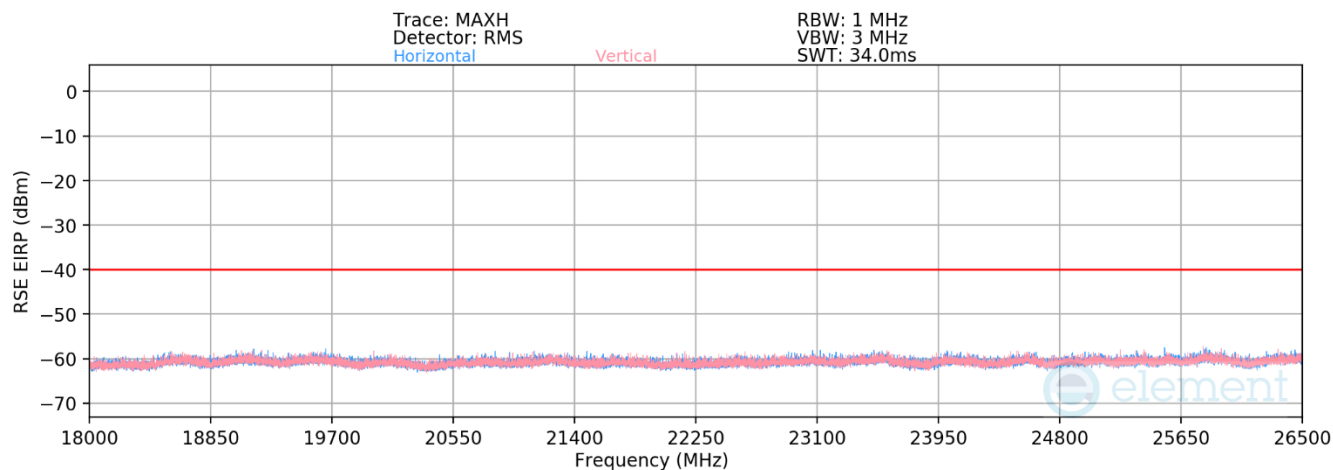
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NR Band n30



Plot 7-404. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (NR Band n30)



Plot 7-405. Antenna 4 Radiated Spurious Emission above 18GHz (NR Band n30)

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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	H	-	-	-79.76	6.38	33.62	-61.64	-40.00	-21.64
6922.5	V	-	-	-81.25	10.21	35.96	-59.30	-40.00	-19.30
9230.0	V	-	-	-81.71	11.48	36.77	-58.48	-40.00	-18.48

Table 7-55. Antenna 4 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	V	-	-	-79.97	6.71	33.74	-61.52	-40.00	-21.52
6930.0	V	-	-	-81.73	10.49	35.76	-59.50	-40.00	-19.50
9240.0	H	-	-	-81.61	11.29	36.68	-58.57	-40.00	-18.57

Table 7-56. Antenna 4 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	-	-	-80.09	6.68	33.60	-61.66	-40.00	-21.66
6937.5	V	-	-	-81.48	10.21	35.73	-59.53	-40.00	-19.53
9250.0	H	-	-	-81.58	11.30	36.71	-58.55	-40.00	-18.55

Table 7-57. Antenna 4 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	-	-	-80.41	7.13	33.72	-61.54	-25.00	-36.54
7575.0	V	-	-	-81.19	10.43	36.24	-59.02	-25.00	-34.02
10100.0	H	-	-	-82.60	14.20	38.60	-56.66	-25.00	-31.66

Table 7-58. Antenna 4 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	-	-	-80.15	7.13	33.98	-61.28	-25.00	-36.28
7605.0	H	-	-	-81.47	10.38	35.91	-59.35	-25.00	-34.35
10140.0	V	-	-	-82.48	14.27	38.79	-56.46	-25.00	-31.46

Table 7-59. Antenna 4 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	-	-	-80.40	7.23	33.83	-61.43	-25.00	-36.43
7635.0	H	-	-	-81.46	10.38	35.92	-59.34	-25.00	-34.34
10180.0	H	-	-	-82.64	14.62	38.98	-56.27	-25.00	-31.27

Table 7-60. Antenna 4 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	-	-	-79.91	7.23	34.32	-60.94	-25.00	-35.94
7638.0	H	-	-	-80.93	10.38	36.46	-58.80	-25.00	-33.80
10184.0	H	-	-	-82.10	14.62	39.52	-55.74	-25.00	-30.74

Table 7-61. Antenna 4 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	-	-	-79.90	7.41	34.51	-60.74	-25.00	-35.74
7779.0	H	-	-	-80.83	10.64	36.81	-58.45	-25.00	-33.45
10372.0	V	-	-	-81.83	14.12	39.30	-55.96	-25.00	-30.96

Table 7-62. Antenna 4 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	-	-	-80.07	7.43	34.36	-60.90	-25.00	-35.90
7920.0	H	-	-	-80.42	10.53	37.10	-58.16	-25.00	-33.16
10560.0	V	-	-	-81.92	14.89	39.96	-55.30	-25.00	-30.30

Table 7-63. Antenna 4 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	V	-	-	-80.34	7.05	33.71	-61.55	-25.00	-36.55
7530.0	V	-	-	-81.41	10.45	36.05	-59.21	-25.00	-34.21
10040.0	H	-	-	-82.65	14.27	38.62	-56.63	-25.00	-31.63

Table 7-64. Antenna 4 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	-	-	-80.37	7.13	33.76	-61.50	-25.00	-36.50
7605.0	H	-	-	-81.58	10.65	36.07	-59.18	-25.00	-34.18
10140.0	V	-	-	-82.63	14.27	38.64	-56.62	-25.00	-31.62

Table 7-65. Antenna 4 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	-	-	-80.40	7.05	33.65	-61.61	-25.00	-36.61
7680.0	H	-	-	-81.42	10.45	36.04	-59.22	-25.00	-34.22
10240.0	H	-	-	-82.28	13.78	38.50	-56.75	-25.00	-31.75

Table 7-66. Antenna 4 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	-	-	-79.70	6.92	34.21	-61.04	-25.00	-36.04
7518.0	V	-	-	-81.02	10.56	36.53	-58.72	-25.00	-33.72
10024.0	H	-	-	-81.49	13.78	39.29	-55.97	-25.00	-30.97

Table 7-67. Antenna 4 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	H	-	-	-79.77	6.92	34.14	-61.12	-25.00	-36.12
7779.0	V	-	-	-80.95	10.56	36.60	-58.66	-25.00	-33.66
10372.0	H	-	-	-81.66	13.78	39.12	-56.13	-25.00	-31.13

Table 7-68. Antenna 4 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	-	-	-80.00	8.03	35.03	-60.23	-25.00	-35.23
8040.0	V	-	-	-80.83	10.72	36.89	-58.37	-25.00	-33.37
10720.0	V	-	-	-83.16	16.92	40.76	-54.50	-25.00	-29.50

Table 7-69. Antenna 4 Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.2 Antenna 2 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	H	-	-	-79.75	6.68	33.94	-61.32	-40.00	-21.32
6922.5	V	-	-	-81.34	10.49	36.15	-59.10	-40.00	-19.10
9230.0	H	-	-	-81.46	11.32	36.86	-58.40	-40.00	-18.40

Table 7-70. Antenna 2 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	-	-	-79.99	6.68	33.70	-61.56	-40.00	-21.56
6930.0	V	-	-	-81.70	10.49	35.79	-59.46	-40.00	-19.46
9240.0	V	-	-	-81.64	11.48	36.84	-58.41	-40.00	-18.41

Table 7-71. Antenna 2 Radiated Spurious Data (LTE Band 30 – Mid Channel)

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

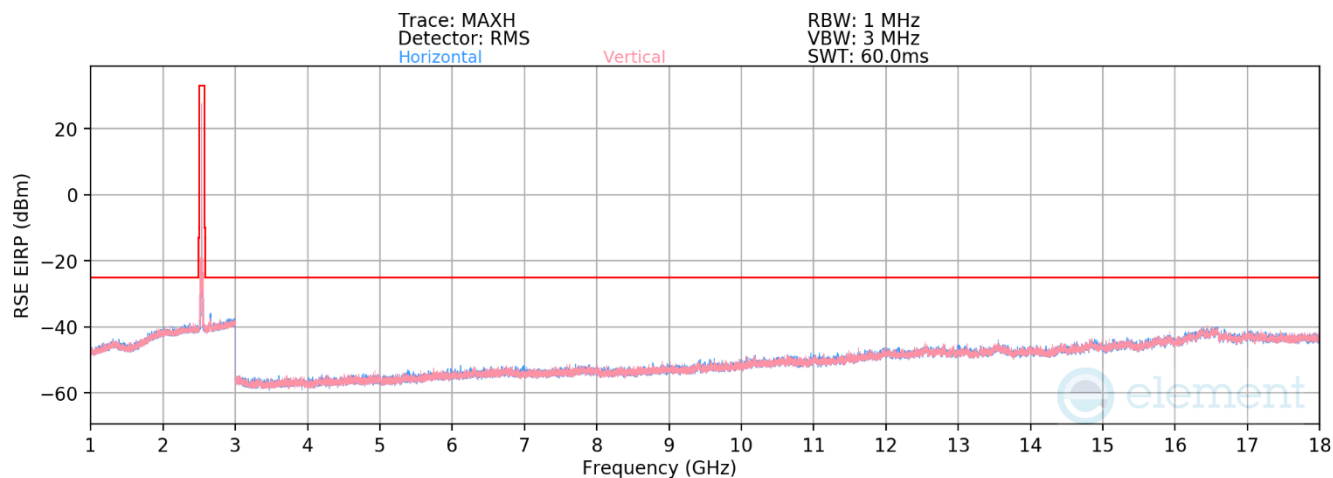
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-79.62	6.38	33.76	-61.50	-40.00	-21.50
6937.50	V	-	-	-81.52	10.49	35.97	-59.29	-40.00	-19.29
9250.00	V	-	-	-81.67	11.48	36.81	-58.45	-40.00	-18.45

Table 7-72. Antenna 2 Radiated Spurious Data (LTE Band 30 – High Channel)

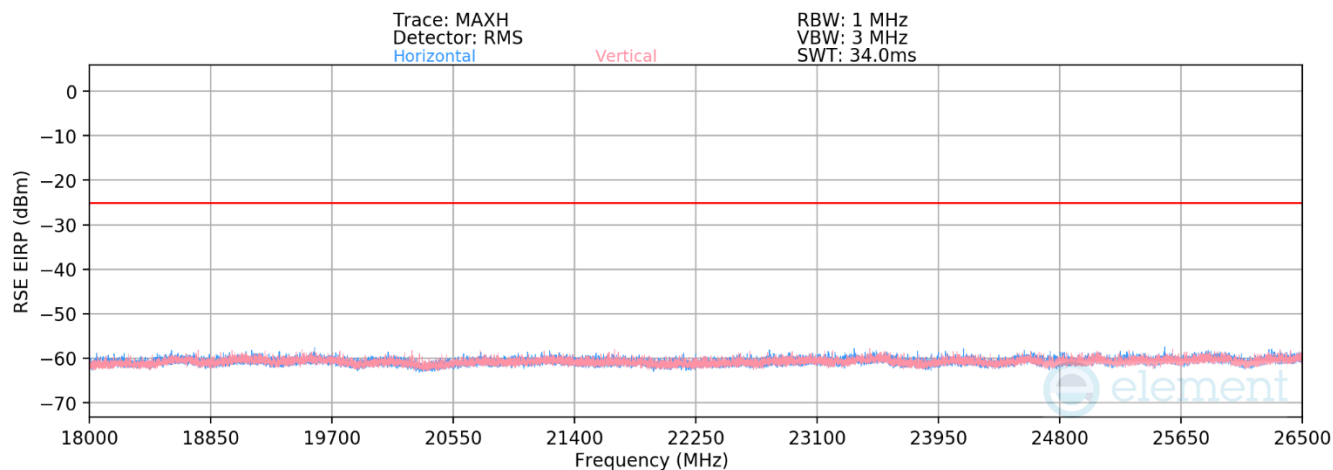
FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 7



Plot 7-406. Antenna 2 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 7)



Plot 7-407. Antenna 2 Radiated Spurious Emission above 18GHz (LTE Band 7)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 281 of 318

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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	H	-	-	-79.94	6.87	33.93	-61.33	-25.00	-36.33
7530.0	V	-	-	-81.27	10.29	36.02	-59.24	-25.00	-34.24
10040.0	H	-	-	-82.51	13.69	38.18	-57.07	-25.00	-32.07

Table 7-73. Antenna 2 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	V	-	-	-80.44	7.13	33.68	-61.57	-25.00	-36.57
7605.0	V	-	-	-81.38	10.34	35.96	-59.30	-25.00	-34.30
10140.0	V	-	-	-82.65	14.27	38.62	-56.64	-25.00	-31.64

Table 7-74. Antenna 2 Radiated Spurious Data (LTE Band 7 – Mid Channel)

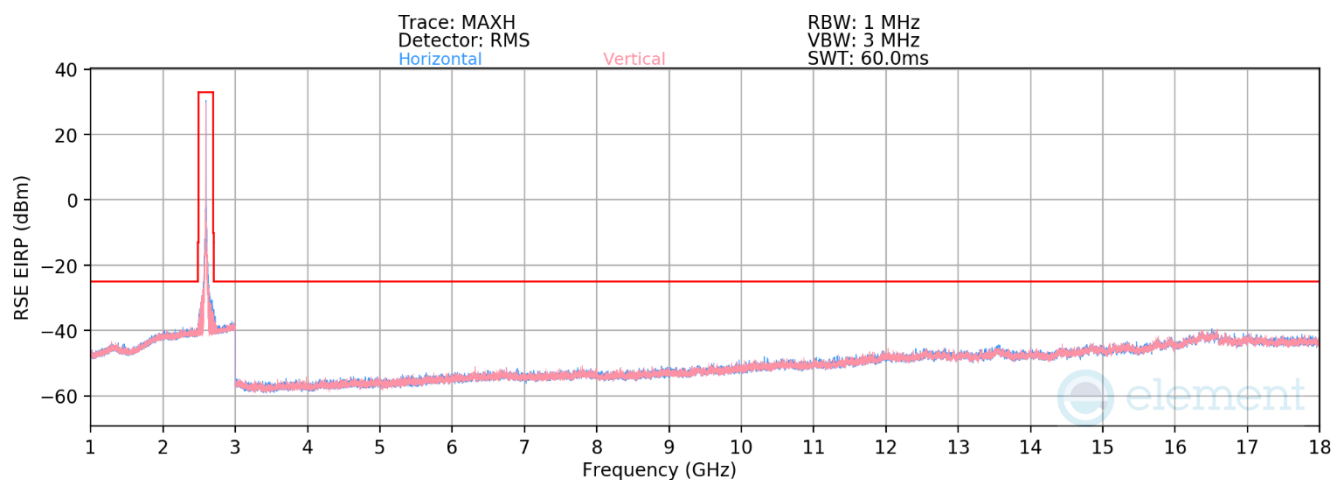
Bandwidth (MHz):	20
Frequency (MHz):	2560.0
RB / Offset:	1 / 50

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	-	-	-80.23	7.21	33.98	-61.28	-25.00	-36.28
7680.00	V	-	-	-81.31	10.57	36.26	-59.00	-25.00	-34.00
10240.00	H	-	-	-82.81	14.49	38.69	-56.57	-25.00	-31.57

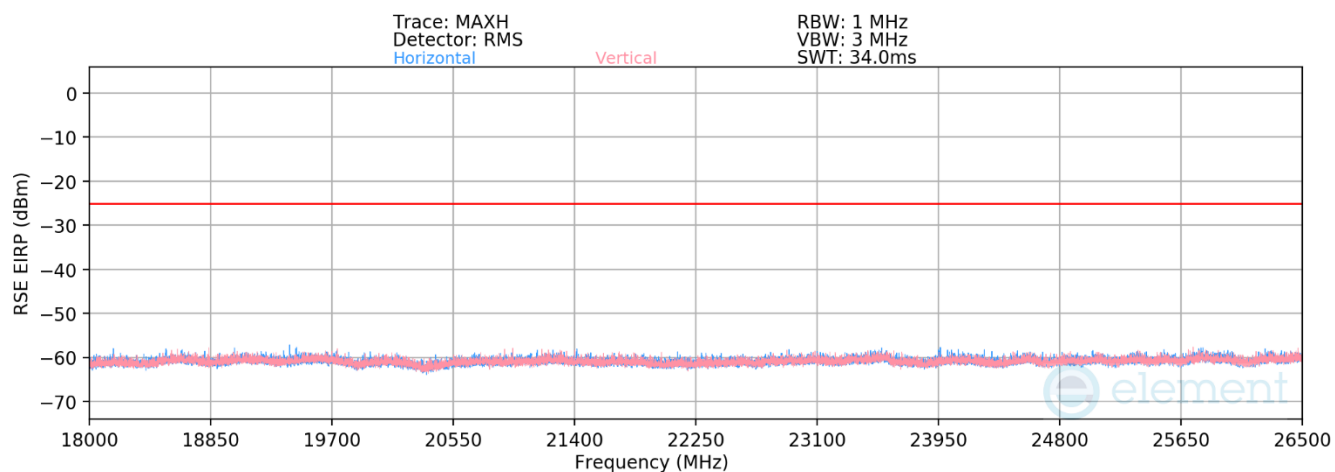
Table 7-75. Antenna 2 Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 41



Plot 7-408. Antenna 2 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 41)



Plot 7-409. Antenna 2 Radiated Spurious Emission above 18GHz (LTE Band 41)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 283 of 318

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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	-	-	-79.65	6.94	34.29	-60.97	-25.00	-35.97
7518.0	H	-	-	-80.70	10.29	36.59	-58.67	-25.00	-33.67
10024.0	V	-	-	-81.67	13.45	38.78	-56.48	-25.00	-31.48

Table 7-76. Antenna 2 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	-	-	-79.74	7.41	34.67	-60.59	-25.00	-35.59
7779.0	V	-	-	-80.56	10.64	37.08	-58.18	-25.00	-33.18
10372.0	H	-	-	-81.76	14.01	39.25	-56.01	-25.00	-31.01

Table 7-77. Antenna 2 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	-	-	-79.99	7.97	34.98	-60.28	-25.00	-35.28
8040.0	H	-	-	-80.74	10.49	36.76	-58.50	-25.00	-33.50
10720.0	H	-	-	-82.40	15.61	40.21	-55.05	-25.00	-30.05

Table 7-78. Antenna 2 Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA3462	 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	-	-	-80.06	6.68	33.62	-61.63	-40.00	-21.63
6922.5	V	-	-	-81.40	10.47	36.07	-59.18	-40.00	-19.18
9230.0	H	-	-	-81.77	11.48	36.72	-58.54	-40.00	-18.54

Table 7-79. Antenna 2 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	-	-	-79.94	6.68	33.74	-61.52	-40.00	-21.52
6930.0	V	-	-	-81.51	10.49	35.98	-59.28	-40.00	-19.28
9240.0	H	-	-	-81.76	11.48	36.73	-58.53	-40.00	-18.53

Table 7-80. Antenna 2 Radiated Spurious Data (NR Band n30 – Mid Channel)

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

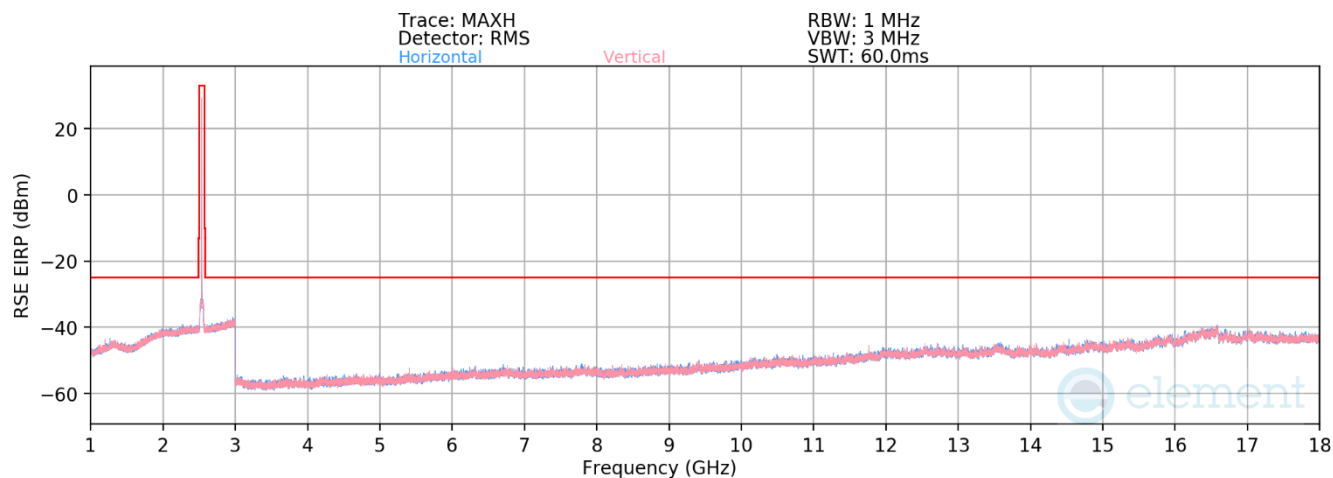
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-79.73	6.38	33.65	-61.61	-40.00	-21.61
6937.5	V	-	-	-81.42	10.21	35.79	-59.46	-40.00	-19.46
9250.0	H	-	-	-81.47	11.30	36.82	-58.44	-40.00	-18.44

Table 7-81. Antenna 2 Radiated Spurious Data (NR Band n30 – High Channel)

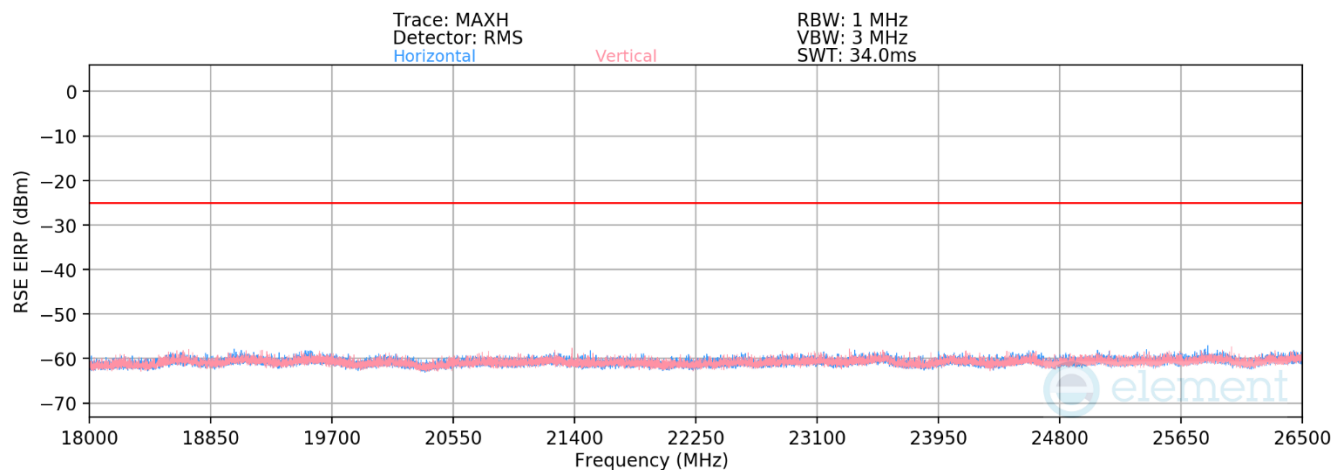
FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7



Plot 7-410. Antenna 2 Radiated Spurious Plot 1GHz – 18GHz (NR Band n7)



Plot 7-411. Antenna 2 Radiated Spurious Emission above 18GHz (NR Band n7)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device
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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	H	-	-	-80.38	7.13	33.75	-61.51	-25.00	-36.51
7575.0	V	-	-	-81.36	10.43	36.07	-59.19	-25.00	-34.19
10100.0	V	-	-	-82.52	14.27	38.75	-56.50	-25.00	-31.50

Table 7-82. Antenna 2 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	-	-	-80.14	6.95	33.81	-61.45	-25.00	-36.45
7605.0	V	-	-	-81.54	10.45	35.92	-59.34	-25.00	-34.34
10140.0	H	-	-	-82.37	14.27	38.90	-56.35	-25.00	-31.35

Table 7-83. Antenna 2 Radiated Spurious Data (NR Band n7 – Mid Channel)

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

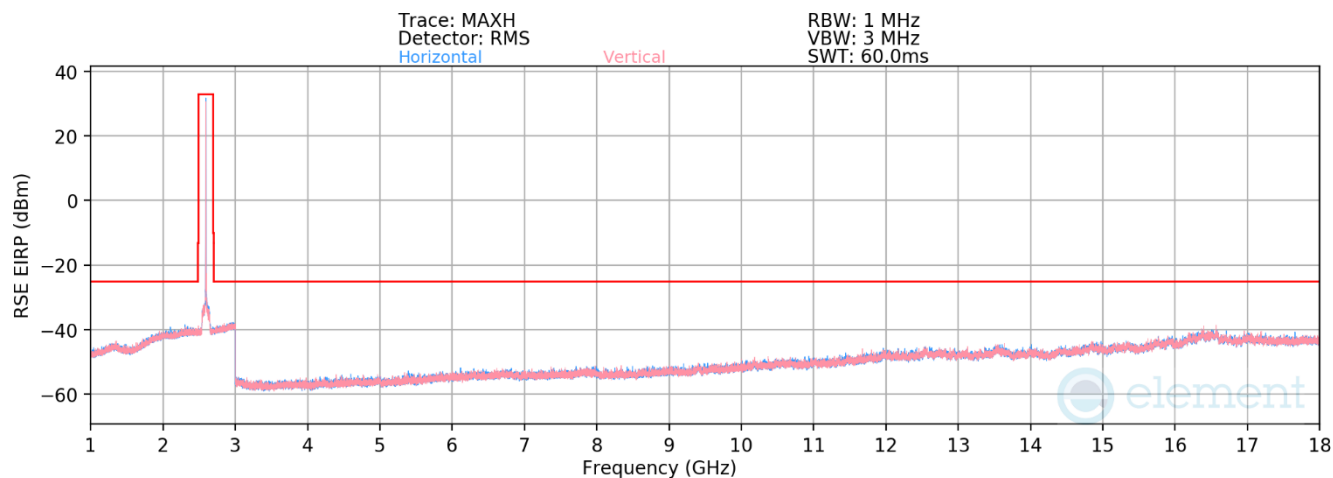
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5090.0	V	-	-	-80.40	7.13	33.73	-61.53	-25.00	-36.53
7635.0	V	-	-	-81.46	10.34	35.87	-59.38	-25.00	-34.38
10180.0	H	-	-	-82.63	14.62	38.99	-56.27	-25.00	-31.27

Table 7-84. Antenna 2 Radiated Spurious Data (NR Band n7 – High Channel)

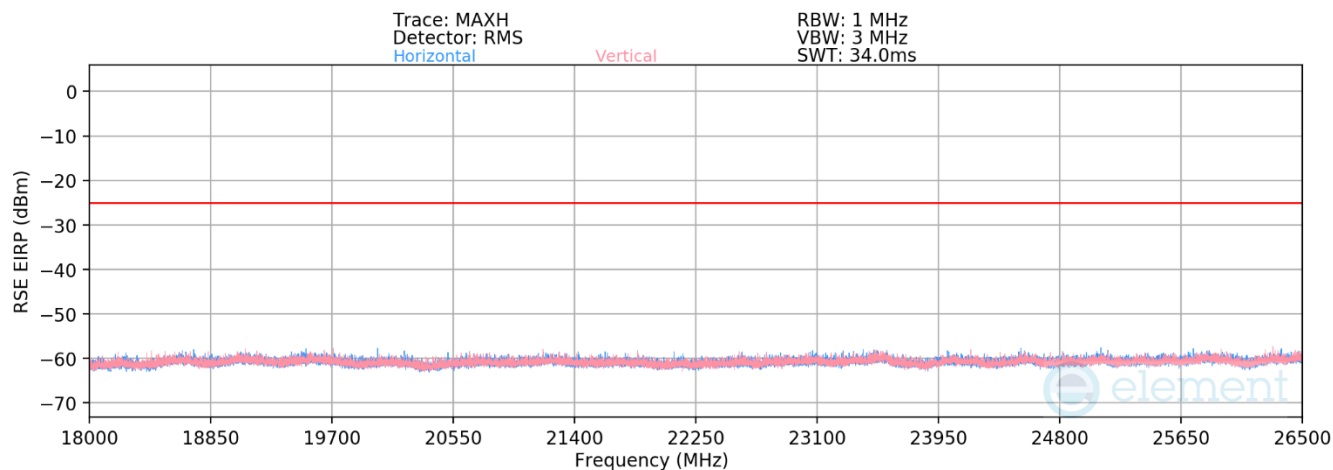
FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41



Plot 7-412. Antenna 2 Radiated Spurious Plot 1GHz – 18GHz (NR Band n41)



Plot 7-413. Antenna 2 Radiated Spurious Emission above 18GHz (NR Band n41)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 288 of 318

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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	V	-	-	-79.74	7.23	34.49	-60.77	-25.00	-35.77
7638.0	V	-	-	-81.06	10.38	36.33	-58.93	-25.00	-33.93
10184.0	V	-	-	-82.11	14.86	39.75	-55.51	-25.00	-30.51

Table 7-85. Antenna 2 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	-	-	-79.87	7.41	34.54	-60.72	-25.00	-35.72
7779.0	H	-	-	-80.48	10.44	36.96	-58.29	-25.00	-33.29
10372.0	H	-	-	-81.93	14.12	39.19	-56.07	-25.00	-31.07

Table 7-86. Antenna 2 Radiated Spurious Data (NR Band n41 – Mid Channel)

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

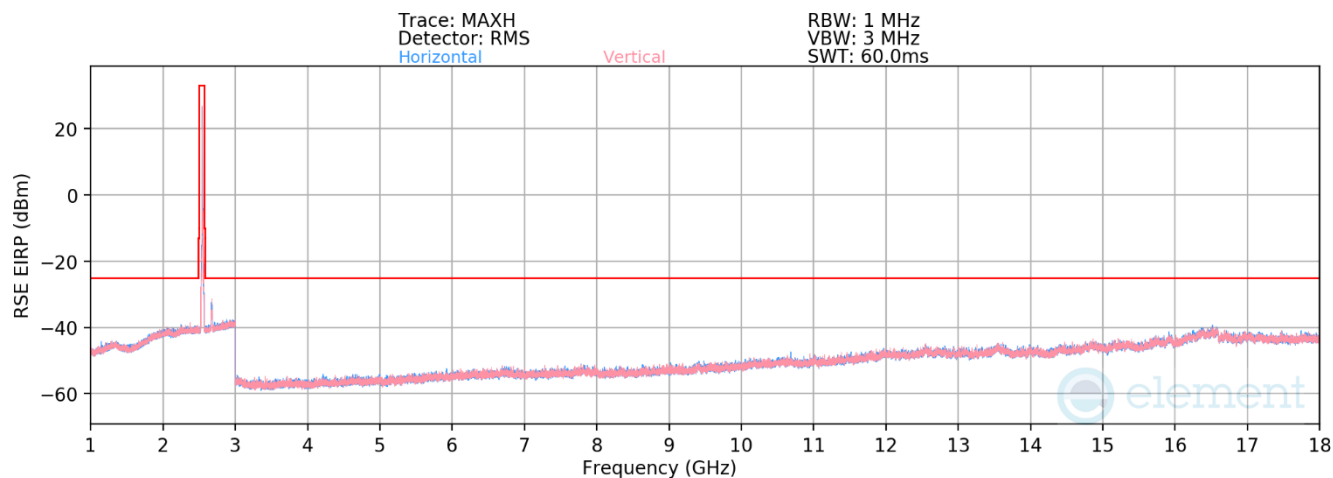
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-80.01	7.43	34.43	-60.83	-25.00	-35.83
7920.0	V	-	-	-80.65	10.53	36.88	-58.38	-25.00	-33.38
10560.0	V	-	-	-81.80	14.89	40.09	-55.17	-25.00	-30.17

Table 7-87. Antenna 2 Radiated Spurious Data (NR Band n41 – High Channel)

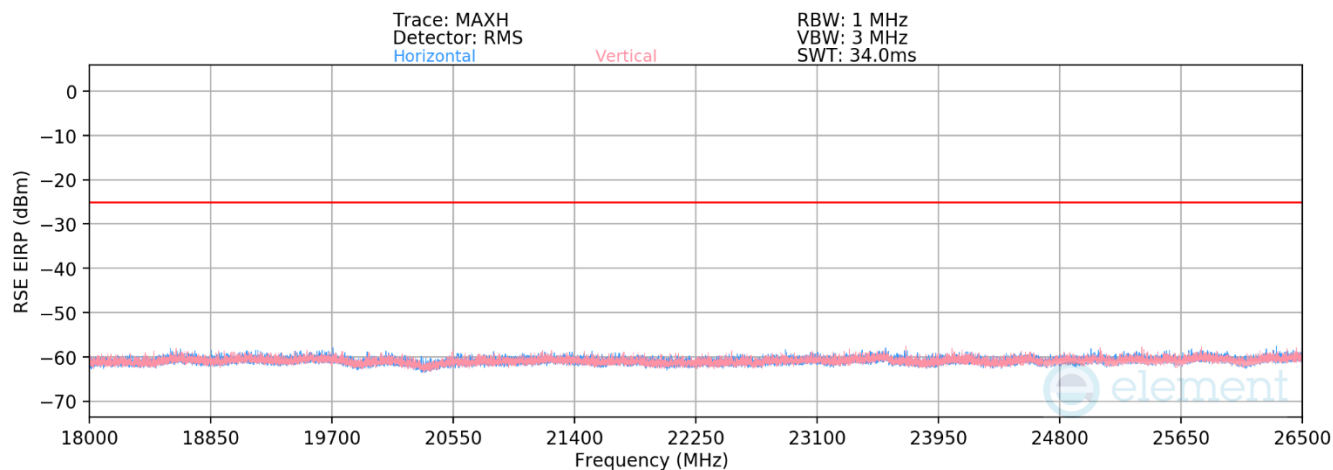
FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 7



Plot 7-414. Antenna 2 Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 7)



Plot 7-415. Antenna 2 Radiated Spurious Emission above 18GHz (ULCA LTE Band 7)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100082-10-R1.BCG	Test Dates: 7/15/2025 - 11/11/2025	EUT Type: Tablet Device	Page 290 of 318

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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	-	-	-80.38	7.05	33.66	-61.59	-25.00	-36.59
7530.0	H	-	-	-81.18	10.43	36.25	-59.01	-25.00	-34.01
10040.0	H	-	-	-82.47	14.27	38.80	-56.45	-25.00	-31.45

Table 7-88. Antenna 2 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	-	-	-80.39	7.17	33.79	-61.47	-25.00	-36.47
7605.0	V	-	-	-81.40	10.34	35.94	-59.32	-25.00	-34.32
10140.0	V	-	-	-82.41	14.62	39.21	-56.05	-25.00	-31.05

Table 7-89. Antenna 2 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

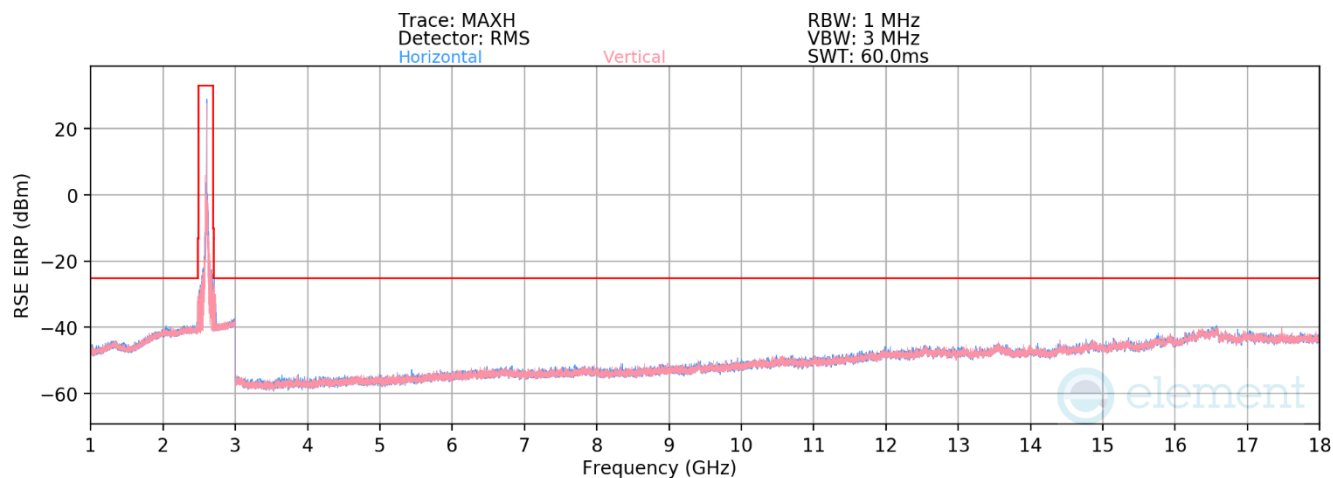
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	V	-	-	-80.08	7.21	34.13	-61.13	-25.00	-36.13
7680.0	V	-	-	-81.56	10.38	35.82	-59.44	-25.00	-34.44
10240.0	V	-	-	-82.70	14.86	39.16	-56.10	-25.00	-31.10

Table 7-90. Antenna 2 Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

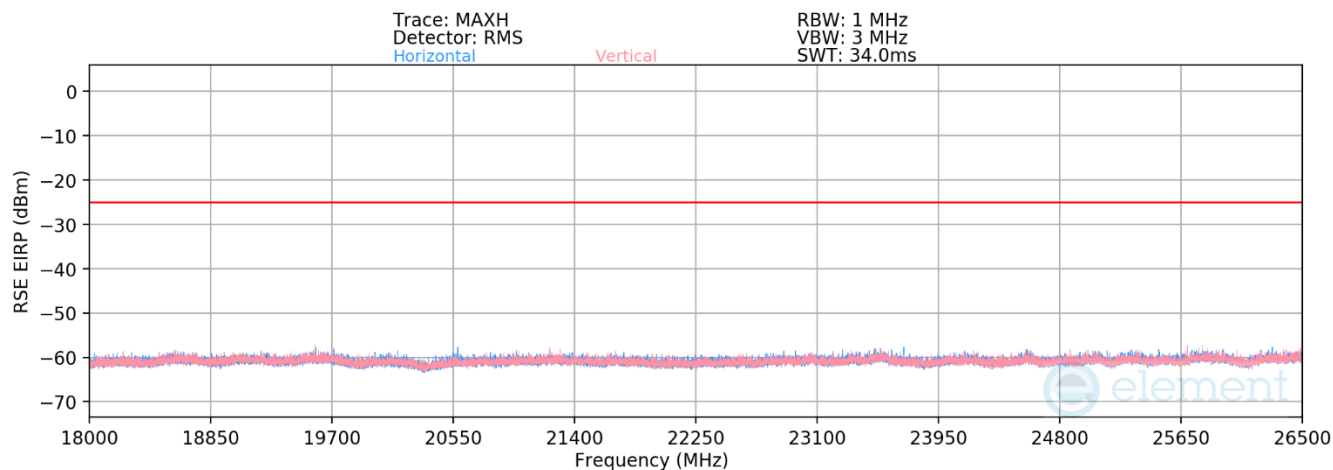
FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41



Plot 7-416. Antenna 2 Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 41)



Plot 7-417. Antenna 2 Radiated Spurious Emission above 18GHz (ULCA LTE Band 41)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-79.75	6.81	34.07	-61.19	-25.00	-36.19
7518.0	H	-	-	-81.05	10.56	36.51	-58.75	-25.00	-33.75
10024.0	V	-	-	-81.56	13.44	38.88	-56.38	-25.00	-31.38

Table 7-91. Antenna 2 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	-	-	-79.85	7.41	34.56	-60.70	-25.00	-35.70
7779.0	V	-	-	-80.52	10.64	37.12	-58.14	-25.00	-33.14
10372.0	V	-	-	-82.06	14.16	39.10	-56.16	-25.00	-31.16

Table 7-92. Antenna 2 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	-	-	-79.65	7.47	34.82	-60.44	-25.00	-35.44
8040.0	H	-	-	-80.50	10.43	36.93	-58.32	-25.00	-33.32
10720.0	H	-	-	-82.01	15.34	40.34	-54.92	-25.00	-29.92

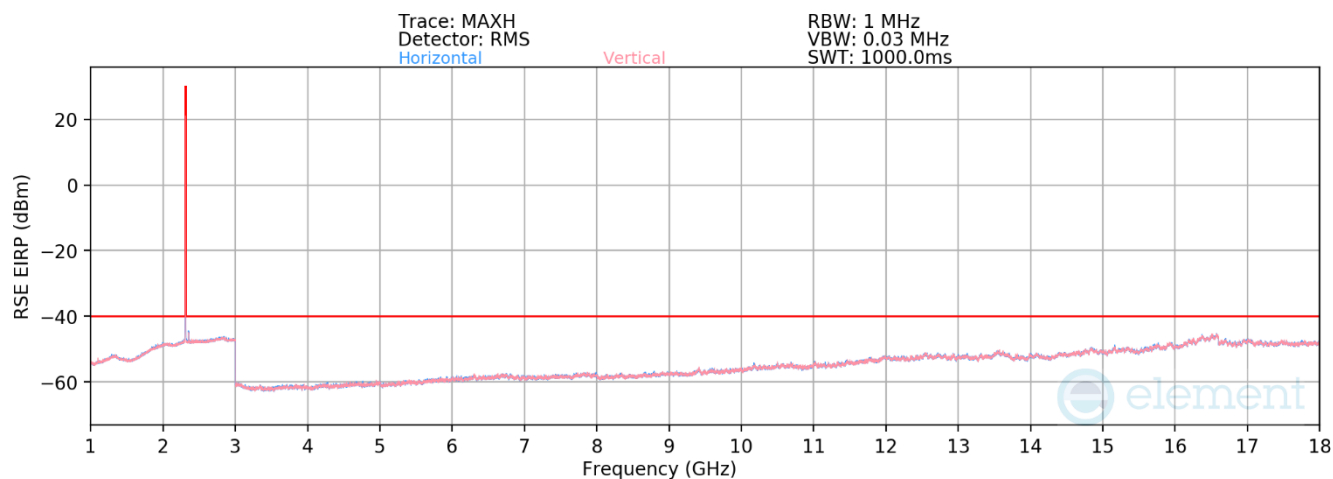
Table 7-93. Antenna 2 Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

FCC ID: BCGA3462	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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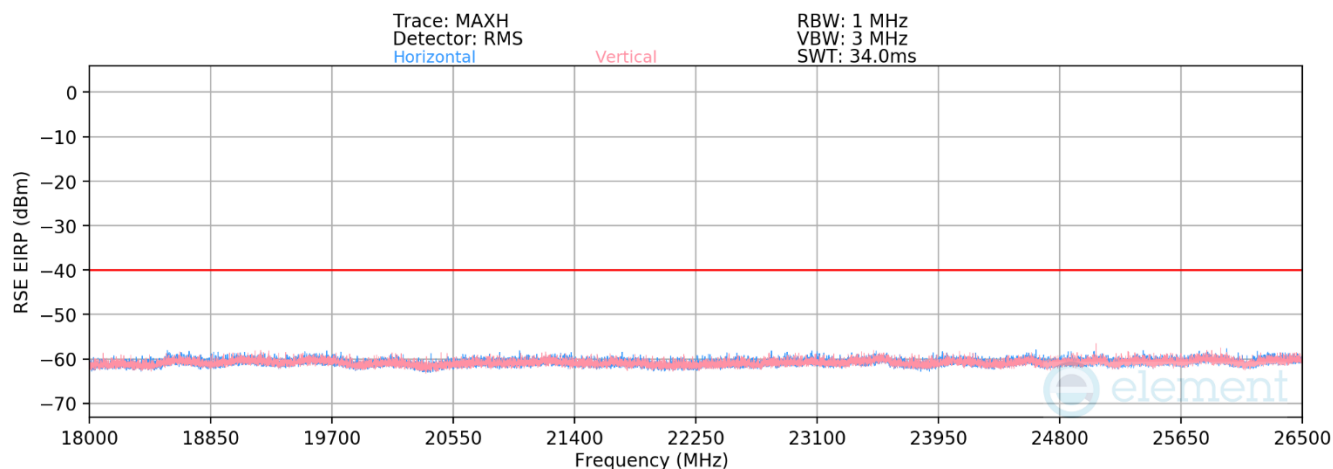
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7.6.3 Antenna 3b Radiated Spurious Emission Measurements

LTE Band 30



Plot 7-418. Antenna 3b Radiated Spurious Plot 1GHz – 18GHz (LTE Band 30)



Plot 7-419. Antenna 3b Radiated Spurious Emission above 18GHz (LTE Band 30)

FCC ID: BCGA3462		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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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	-	-	-79.60	6.68	34.09	-61.17	-40.00	-21.17
6922.5	V	-	-	-81.17	10.49	36.33	-58.93	-40.00	-18.93
9230.0	V	-	-	-81.51	11.28	36.78	-58.48	-40.00	-18.48

Table 7-94. Antenna 3b 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	-	-	-79.80	6.57	33.77	-61.49	-40.00	-21.49
6930.0	V	-	-	-81.45	10.49	36.04	-59.22	-40.00	-19.22
9240.0	V	-	-	-81.69	11.35	36.67	-58.59	-40.00	-18.59

Table 7-95. Antenna 3b 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	-	-	-79.90	6.71	33.81	-61.45	-40.00	-21.45
6937.50	H	-	-	-81.40	10.49	36.09	-59.17	-40.00	-19.17
9250.00	V	-	-	-81.83	11.48	36.65	-58.60	-40.00	-18.60

Table 7-96. Antenna 3b Radiated Spurious Data (LTE Band 30 – High Channel)

FCC ID: BCGA3462	 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	V	-	-	-80.13	6.94	33.81	-61.45	-25.00	-36.45
7530.0	H	-	-	-81.29	10.29	35.99	-59.26	-25.00	-34.26
10040.0	V	-	-	-82.28	13.69	38.41	-56.85	-25.00	-31.85

Table 7-97. Antenna 3b 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	-	-	-80.37	6.92	33.54	-61.71	-25.00	-36.71
7605.0	V	-	-	-81.41	10.38	35.97	-59.29	-25.00	-34.29
10140.0	V	-	-	-82.30	14.27	38.98	-56.28	-25.00	-31.28

Table 7-98. Antenna 3b 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	-	-	-80.18	7.21	34.03	-61.23	-25.00	-36.23
7680.00	H	-	-	-81.57	10.62	36.04	-59.21	-25.00	-34.21
10240.00	V	-	-	-82.85	14.52	38.67	-56.59	-25.00	-31.59

Table 7-99. Antenna 3b Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA3462	 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	-	-	-79.58	6.94	34.37	-60.89	-25.00	-35.89
7518.0	V	-	-	-80.83	10.49	36.66	-58.59	-25.00	-33.59
10024.0	V	-	-	-81.92	13.69	38.77	-56.48	-25.00	-31.48

Table 7-100. Antenna 3b 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	-	-	-79.84	7.41	34.57	-60.69	-25.00	-35.69
7779.0	H	-	-	-80.25	10.44	37.19	-58.07	-25.00	-33.07
10372.0	H	-	-	-81.87	14.12	39.25	-56.00	-25.00	-31.00

Table 7-101. Antenna 3b 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	-	-	-80.02	7.97	34.94	-60.31	-25.00	-35.31
8040.0	H	-	-	-80.68	10.49	36.81	-58.45	-25.00	-33.45
10720.0	H	-	-	-82.62	15.61	39.98	-55.27	-25.00	-30.27

Table 7-102. Antenna 3b Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA3462	 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	V	-	-	-80.00	6.68	33.69	-61.57	-40.00	-21.57
6922.5	H	-	-	-81.20	10.21	36.01	-59.25	-40.00	-19.25
9230.0	V	-	-	-81.61	11.35	36.75	-58.51	-40.00	-18.51

Table 7-103. Antenna 3b 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	V	-	-	-79.87	6.68	33.81	-61.45	-40.00	-21.45
6930.0	V	-	-	-81.37	10.21	35.84	-59.41	-40.00	-19.41
9240.0	H	-	-	-81.58	11.35	36.77	-58.49	-40.00	-18.49

Table 7-104. Antenna 3b 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	-	-	-79.90	6.57	33.67	-61.59	-40.00	-21.59
6937.5	V	-	-	-81.73	10.49	35.76	-59.50	-40.00	-19.50
9250.0	V	-	-	-81.81	11.48	36.67	-58.58	-40.00	-18.58

Table 7-105. Antenna 3b Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA3462	 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	-	-	-80.41	7.05	33.64	-61.62	-25.00	-36.62
7575.0	H	-	-	-81.32	10.45	36.13	-59.13	-25.00	-34.13
10100.0	H	-	-	-82.76	14.27	38.51	-56.75	-25.00	-31.75

Table 7-106. Antenna 3b 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	-	-	-80.25	7.13	33.87	-61.38	-25.00	-36.38
7605.0	H	-	-	-81.57	10.45	35.89	-59.37	-25.00	-34.37
10140.0	H	-	-	-82.56	14.27	38.71	-56.55	-25.00	-31.55

Table 7-107. Antenna 3b 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	-	-	-80.50	7.23	33.73	-61.53	-25.00	-36.53
7635.0	H	-	-	-81.48	10.38	35.91	-59.35	-25.00	-34.35
10180.0	V	-	-	-82.76	14.86	39.10	-56.16	-25.00	-31.16

Table 7-108. Antenna 3b Radiated Spurious Data (NR Band n7 – High Channel)

FCC ID: BCGA3462	 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	V	-	-	-79.78	7.23	34.45	-60.80	-25.00	-35.80
7638.0	H	-	-	-81.05	10.38	36.33	-58.92	-25.00	-33.92
10184.0	H	-	-	-82.26	14.86	39.60	-55.65	-25.00	-30.65

Table 7-109. Antenna 3b 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	-	-	-79.95	7.41	34.46	-60.80	-25.00	-35.80
7779.0	V	-	-	-80.51	10.44	36.93	-58.32	-25.00	-33.32
10372.0	H	-	-	-81.87	14.12	39.25	-56.00	-25.00	-31.00

Table 7-110. Antenna 3b 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	-	-	-79.84	7.43	34.60	-60.66	-25.00	-35.66
7920.0	H	-	-	-80.74	10.53	36.78	-58.47	-25.00	-33.47
10560.0	H	-	-	-81.84	14.89	40.05	-55.21	-25.00	-30.21

Table 7-111. Antenna 3b Radiated Spurious Data (NR Band n41 – High Channel)

FCC ID: BCGA3462	 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	-	-	-80.33	6.83	33.50	-61.76	-25.00	-36.76
7530.0	V	-	-	-81.41	10.45	36.04	-59.22	-25.00	-34.22
10040.0	H	-	-	-82.25	13.78	38.54	-56.72	-25.00	-31.72

Table 7-112. Antenna 3b 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	-	-	-80.25	7.17	33.92	-61.33	-25.00	-36.33
7605.0	H	-	-	-81.33	10.38	36.06	-59.20	-25.00	-34.20
10140.0	H	-	-	-82.14	14.62	39.48	-55.78	-25.00	-30.78

Table 7-113. Antenna 3b 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	-	-	-80.38	7.21	33.83	-61.43	-25.00	-36.43
7680.0	V	-	-	-81.59	10.38	35.80	-59.46	-25.00	-34.46
10240.0	V	-	-	-82.58	14.62	39.04	-56.22	-25.00	-31.22

Table 7-114. Antenna 3b Radiated Spurious Data (ULCA LTE Band 7 – High Channel)

FCC ID: BCGA3462	 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	H	-	-	-79.81	6.81	34.01	-61.25	-25.00	-36.25
7518.0	H	-	-	-80.85	10.43	36.58	-58.67	-25.00	-33.67
10024.0	V	-	-	-81.85	13.69	38.85	-56.41	-25.00	-31.41

Table 7-115. Antenna 3b 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	H	-	-	-79.93	7.35	34.43	-60.83	-25.00	-35.83
7779.0	H	-	-	-80.70	10.81	37.10	-58.15	-25.00	-33.15
10372.0	H	-	-	-81.79	14.16	39.36	-55.90	-25.00	-30.90

Table 7-116. Antenna 3b 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	-	-	-80.14	7.83	34.69	-60.56	-25.00	-35.56
8040.0	V	-	-	-80.46	10.43	36.97	-58.29	-25.00	-33.29
10720.0	V	-	-	-82.30	15.34	40.05	-55.21	-25.00	-30.21

Table 7-117. Antenna 3b Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

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7.6.4 Antenna 1b Radiated Spurious Emission Measurements

LTE Band 30

Bandwidth (MHz):	5
Frequency (MHz):	2307.5
RB / Offset:	1 / 12

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-79.61	6.68	34.07	-61.18	-40.00	-21.18
6922.5	V	-	-	-81.36	10.47	36.11	-59.14	-40.00	-19.14
9230.0	H	-	-	-81.52	11.35	36.84	-58.42	-40.00	-18.42

Table 7-118. Antenna 1b 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	-	-	-79.90	6.57	33.67	-61.59	-40.00	-21.59
6930.0	H	-	-	-81.58	10.49	35.91	-59.34	-40.00	-19.34
9240.0	V	-	-	-81.45	11.35	36.91	-58.35	-40.00	-18.35

Table 7-119. Antenna 1b 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	-	-	-79.66	6.38	33.72	-61.54	-40.00	-21.54
6937.50	V	-	-	-81.90	10.49	35.60	-59.66	-40.00	-19.66
9250.00	V	-	-	-81.56	11.30	36.74	-58.52	-40.00	-18.52

Table 7-120. Antenna 1b 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	V	-	-	-80.01	6.87	33.86	-61.40	-25.00	-36.40
7530.0	H	-	-	-81.29	10.29	36.00	-59.26	-25.00	-34.26
10040.0	V	-	-	-82.57	13.69	38.13	-57.13	-25.00	-32.13

Table 7-121. Antenna 1b 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	V	-	-	-80.30	6.95	33.65	-61.61	-25.00	-36.61
7605.0	H	-	-	-81.41	10.45	36.04	-59.21	-25.00	-34.21
10140.0	V	-	-	-82.27	14.27	39.01	-56.25	-25.00	-31.25

Table 7-122. Antenna 1b 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	-	-	-80.17	7.21	34.04	-61.22	-25.00	-36.22
7680.00	V	-	-	-81.30	10.57	36.27	-58.99	-25.00	-33.99
10240.00	V	-	-	-82.77	14.52	38.76	-56.50	-25.00	-31.50

Table 7-123. Antenna 1b Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA3462	 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	H	-	-	-79.64	6.94	34.30	-60.96	-25.00	-35.96
7518.0	V	-	-	-80.54	10.29	36.74	-58.51	-25.00	-33.51
10024.0	H	-	-	-81.91	13.69	38.79	-56.47	-25.00	-31.47

Table 7-124. Antenna 1b 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	-	-	-79.62	7.41	34.79	-60.46	-25.00	-35.46
7779.0	V	-	-	-80.52	10.44	36.93	-58.33	-25.00	-33.33
10372.0	H	-	-	-81.81	14.12	39.31	-55.94	-25.00	-30.94

Table 7-125. Antenna 1b 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	-	-	-80.06	7.97	34.91	-60.35	-25.00	-35.35
8040.0	H	-	-	-80.51	10.49	36.98	-58.28	-25.00	-33.28
10720.0	H	-	-	-82.48	15.58	40.10	-55.15	-25.00	-30.15

Table 7-126. Antenna 1b 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 / 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]
4615.0	H	-	-	-79.91	6.68	33.78	-61.48	-40.00	-21.48
6922.5	V	-	-	-81.35	10.49	36.14	-59.11	-40.00	-19.11
9230.0	H	-	-	-81.65	11.32	36.67	-58.59	-40.00	-18.59

Table 7-127. Antenna 1b 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	V	-	-	-79.85	6.68	33.83	-61.42	-40.00	-21.42
6930.0	V	-	-	-81.65	10.49	35.84	-59.42	-40.00	-19.42
9240.0	H	-	-	-81.68	11.48	36.80	-58.46	-40.00	-18.46

Table 7-128. Antenna 1b 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	-	-	-80.05	6.68	33.64	-61.62	-40.00	-21.62
6937.5	H	-	-	-81.79	10.49	35.70	-59.56	-40.00	-19.56
9250.0	V	-	-	-81.78	11.48	36.70	-58.56	-40.00	-18.56

Table 7-129. Antenna 1b Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA3462	 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	-	-	-80.49	7.05	33.55	-61.70	-25.00	-36.70
7575.0	H	-	-	-81.26	10.43	36.17	-59.09	-25.00	-34.09
10100.0	V	-	-	-82.61	14.27	38.67	-56.59	-25.00	-31.59

Table 7-130. Antenna 1b 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	-	-	-80.27	7.05	33.78	-61.48	-25.00	-36.48
7605.0	V	-	-	-81.60	10.45	35.86	-59.40	-25.00	-34.40
10140.0	H	-	-	-82.37	14.27	38.90	-56.36	-25.00	-31.36

Table 7-131. Antenna 1b 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	-	-	-80.48	7.23	33.75	-61.51	-25.00	-36.51
7635.0	H	-	-	-81.60	10.34	35.74	-59.52	-25.00	-34.52
10180.0	H	-	-	-82.77	14.86	39.09	-56.17	-25.00	-31.17

Table 7-132. Antenna 1b 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	-	-	-79.63	7.21	34.58	-60.68	-25.00	-35.68
7638.0	V	-	-	-80.96	10.38	36.42	-58.84	-25.00	-33.84
10184.0	H	-	-	-82.23	14.86	39.63	-55.63	-25.00	-30.63

Table 7-133. Antenna 1b 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	-	-	-79.71	7.47	34.76	-60.50	-25.00	-35.50
7779.0	V	-	-	-80.70	10.43	36.73	-58.53	-25.00	-33.53
10372.0	V	-	-	-82.06	14.98	39.92	-55.34	-25.00	-30.34

Table 7-134. Antenna 1b 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	-	-	-79.94	7.43	34.49	-60.77	-25.00	-35.77
7920.0	H	-	-	-80.70	10.53	36.82	-58.44	-25.00	-33.44
10560.0	H	-	-	-81.64	14.89	40.24	-55.02	-25.00	-30.02

Table 7-135. Antenna 1b 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	V	-	-	-80.28	6.92	33.63	-61.63	-25.00	-36.63
7530.0	V	-	-	-81.43	10.43	36.00	-59.26	-25.00	-34.26
10040.0	V	-	-	-82.68	14.27	38.59	-56.67	-25.00	-31.67

Table 7-136. Antenna 1b 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	-	-	-80.31	7.23	33.92	-61.33	-25.00	-36.33
7605.0	V	-	-	-81.31	10.38	36.08	-59.18	-25.00	-34.18
10140.0	V	-	-	-82.68	14.62	38.94	-56.31	-25.00	-31.31

Table 7-137. Antenna 1b 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	-	-	-80.22	7.21	33.99	-61.27	-25.00	-36.27
7680.0	H	-	-	-81.37	10.26	35.89	-59.37	-25.00	-34.37
10240.0	H	-	-	-82.50	14.62	39.12	-56.14	-25.00	-31.14

Table 7-138. Antenna 1b 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	V	-	-	-79.53	6.83	34.30	-60.96	-25.00	-35.96
7518.0	H	-	-	-80.86	10.43	36.57	-58.69	-25.00	-33.69
10024.0	H	-	-	-81.65	13.78	39.13	-56.13	-25.00	-31.13

Table 7-139. Antenna 1b 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	-	-	-79.80	7.41	34.61	-60.65	-25.00	-35.65
7779.0	V	-	-	-80.49	10.81	37.32	-57.94	-25.00	-32.94
10372.0	H	-	-	-81.87	14.16	39.28	-55.98	-25.00	-30.98

Table 7-140. Antenna 1b 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	-	-	-80.09	7.78	34.69	-60.57	-25.00	-35.57
8040.0	V	-	-	-80.38	10.43	37.05	-58.20	-25.00	-33.20
10720.0	H	-	-	-82.31	15.34	40.03	-55.22	-25.00	-30.22

Table 7-141. Antenna 1b 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

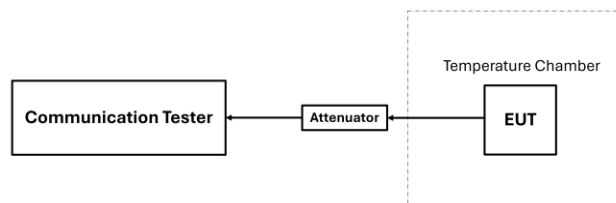


Figure 7-11. LTE Test Instrument & Measurement Setup

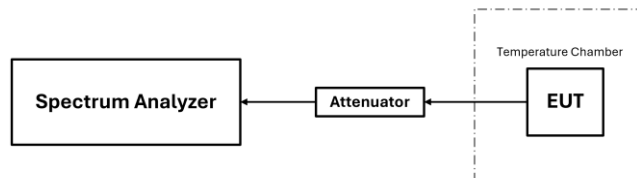


Figure 7-12. FR1 Test Instrument & Measurement Setup

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	2.3054284	-0.0004284
		- 20	2.3059157	-0.0009157
		- 10	2.3051073	-0.0001073
		0	2.3056832	-0.0006832
		+ 10	2.3052917	-0.0002917
		+ 20 (Ref)	2.3055704	-0.0005704
		+ 30	2.3059842	-0.0009842
		+ 40	2.3053527	-0.0003527
		+ 50	2.3057622	-0.0007622
Battery Endpoint	3.40	+ 20	2.3050416	-0.0000416

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	2.3148735	-0.0001265
		- 20	2.3141294	-0.0008706
		- 10	2.3149528	-0.0000472
		0	2.3146049	-0.0003951
		+ 10	2.3143405	-0.0006595
		+ 20 (Ref)	2.3147197	-0.0002804
		+ 30	2.3140582	-0.0009418
		+ 40	2.3145892	-0.0004108
		+ 50	2.3149942	-0.0000058
Battery Endpoint	3.40	+ 20	2.3142190	-0.0007810

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	2.5004832	-0.0004832
		- 20	2.5009046	-0.0009046
		- 10	2.5002396	-0.0002396
		0	2.5007013	-0.0007013
		+ 10	2.5001269	-0.0001269
		+ 20 (Ref)	2.5005629	-0.0005629
		+ 30	2.5008193	-0.0008193
		+ 40	2.5000473	-0.0000473
		+ 50	2.5009737	-0.0009736
Battery Endpoint	3.40	+ 20	2.5003582	-0.0003582

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	2.5690524	-0.0009476
		- 20	2.5697841	-0.0002159
		- 10	2.5693199	-0.0006801
		0	2.5699526	-0.0000474
		+ 10	2.5695817	-0.0004183
		+ 20 (Ref)	2.5692271	-0.0007729
		+ 30	2.5698653	-0.0001347
		+ 40	2.5691048	-0.0008952
		+ 50	2.5697364	-0.0002636
Battery Endpoint	3.40	+ 20	2.5694932	-0.0005068

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	2.4966328	-0.0006328
		- 20	2.4961080	-0.0001080
		- 10	2.4969482	-0.0009482
		0	2.4965723	-0.0005723
		+ 10	2.4963048	-0.0003048
		+ 20 (Ref)	2.4968936	-0.0008936
		+ 30	2.4962155	-0.0002155
		+ 40	2.4967813	-0.0007813
		+ 50	2.4960563	-0.0000563
Battery Endpoint	3.40	+ 20	2.4965198	-0.0005198

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	2.6897148	-0.0002852
		- 20	2.6891427	-0.0008573
		- 10	2.6899573	-0.0000427
		0	2.6896252	-0.0003748
		+ 10	2.6893485	-0.0006515
		+ 20 (Ref)	2.6898203	-0.0001797
		+ 30	2.6890914	-0.0009086
		+ 40	2.6895871	-0.0004129
		+ 50	2.6899813	-0.0000187
Battery Endpoint	3.40	+ 20	2.6892136	-0.0007864

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	2.3056922	-0.0006922
		- 20	2.3050583	-0.0000583
		- 10	2.3059482	-0.0009482
		0	2.3053175	-0.0003175
		+ 10	2.3057619	-0.0007619
		+ 20 (Ref)	2.3051947	-0.0001947
		+ 30	2.3055638	-0.0005638
		+ 40	2.3059022	-0.0009022
		+ 50	2.3054266	-0.0004266
Battery Endpoint	3.40	+ 20	2.3052388	-0.0002388

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	2.3141937	-0.0008063
		- 20	2.3148619	-0.0001381
		- 10	2.3145237	-0.0004763
		0	2.3142472	-0.0007528
		+ 10	2.3147029	-0.0002971
		+ 20 (Ref)	2.3149946	-0.0000054
		+ 30	2.3143472	-0.0006528
		+ 40	2.3141186	-0.0008814
		+ 50	2.3145874	-0.0004126
Battery Endpoint	3.40	+ 20	2.3149398	-0.0000602

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	2.5006274	-0.0006274
		- 20	2.5001948	-0.0001948
		- 10	2.5009036	-0.0009036
		0	2.5003817	-0.0003817
		+ 10	2.5007412	-0.0007412
		+ 20 (Ref)	2.5000543	-0.0000543
		+ 30	2.5005839	-0.0005839
		+ 40	2.5009547	-0.0009547
		+ 50	2.5002684	-0.0002684
Battery Endpoint	3.40	+ 20	2.5008179	-0.0008179

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	2.5697138	-0.0002862
		- 20	2.5691981	-0.0008019
		- 10	2.5699853	-0.0000147
		0	2.5694306	-0.0005694
		+ 10	2.5698029	-0.0001971
		+ 20 (Ref)	2.5690792	-0.0009208
		+ 30	2.5695623	-0.0004377
		+ 40	2.5699499	-0.0000501
		+ 50	2.5693345	-0.0006655
Battery Endpoint	3.40	+ 20	2.5696247	-0.0003753

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	2.4965813	-0.0005813
		- 20	2.4969071	-0.0009071
		- 10	2.4963245	-0.0003245
		0	2.4967681	-0.0007681
		+ 10	2.4961530	-0.0001530
		+ 20 (Ref)	2.4966937	-0.0006937
		+ 30	2.4960312	-0.0000312
		+ 40	2.4965449	-0.0005449
		+ 50	2.4968921	-0.0008921
Battery Endpoint	3.40	+ 20	2.4962680	-0.0002680

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	2.6891938	-0.0008062
		- 20	2.6897846	-0.0002154
		- 10	2.6893458	-0.0006542
		0	2.6899581	-0.0000419
		+ 10	2.6895714	-0.0004286
		+ 20 (Ref)	2.6892165	-0.0007835
		+ 30	2.6898699	-0.0001301
		+ 40	2.6891273	-0.0008727
		+ 50	2.6896935	-0.0003065
Battery Endpoint	3.40	+ 20	2.6894299	-0.0005701

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: BCGA3462** complies with all the requirements of Part 27 of the FCC rules.

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