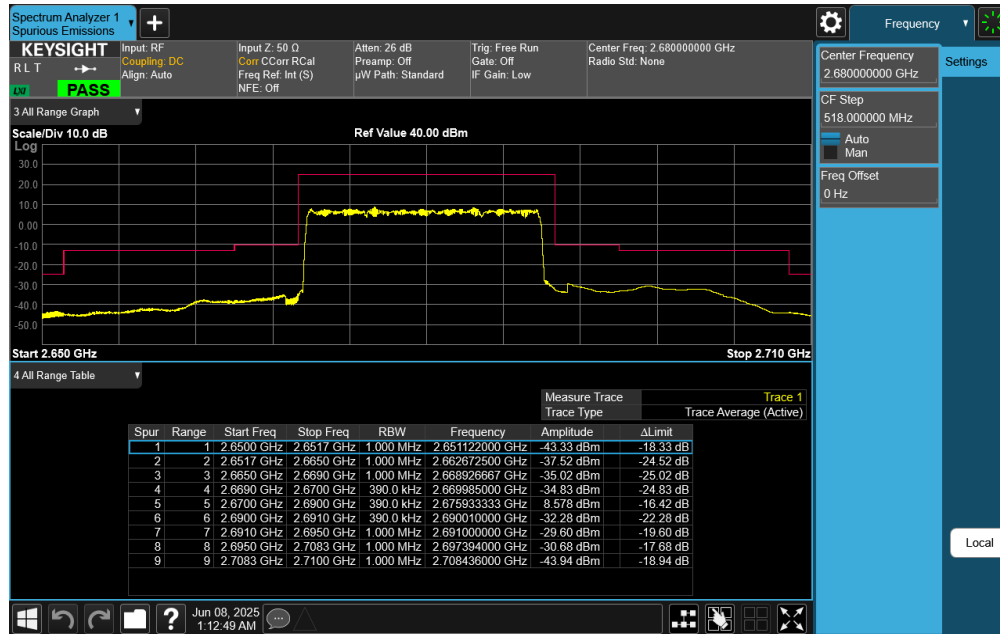
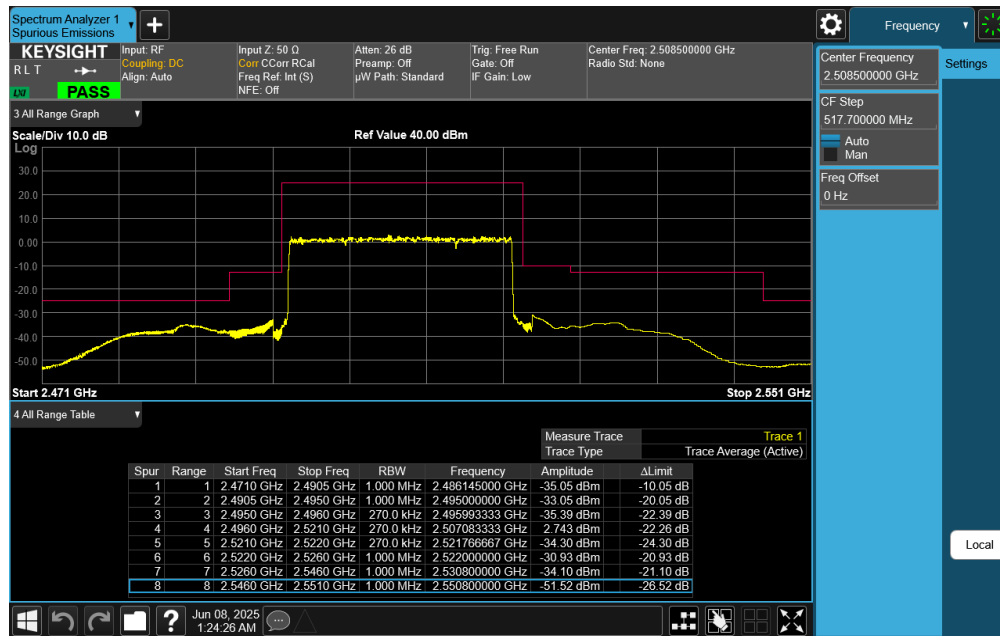


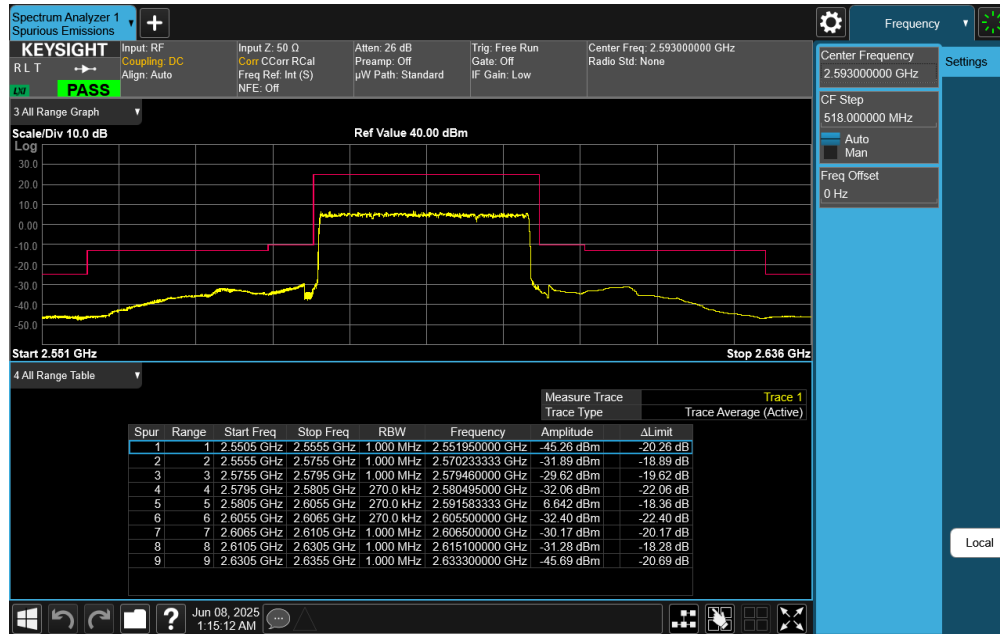


Plot 7-364. Upper ACP Plot (NR Band n41 - 20MHz CP-OFDM QPSK – Full RB)

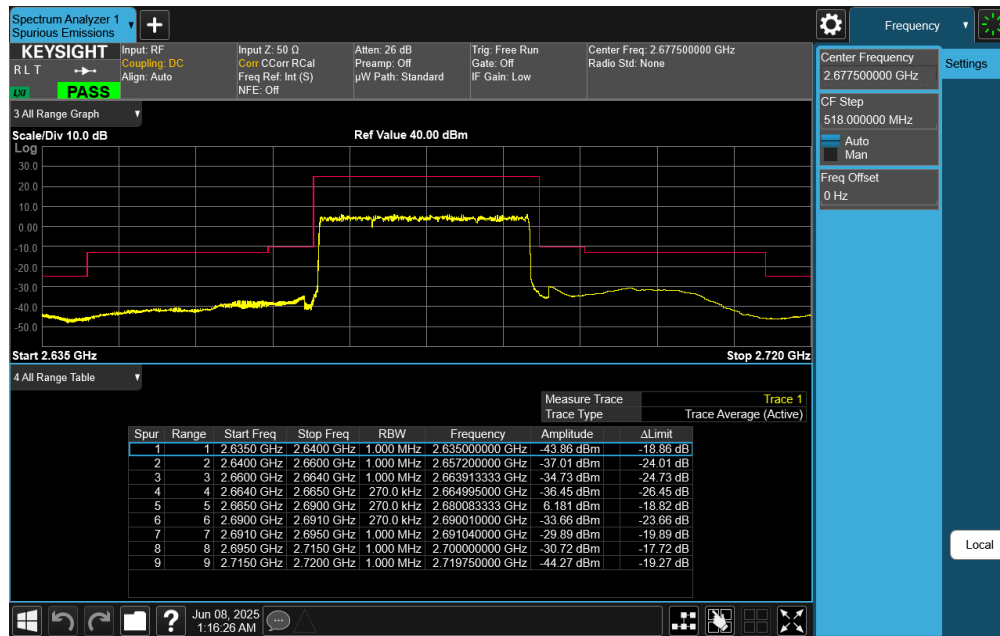


Plot 7-365. Lower ACP Plot (NR Band n41 - 25MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 209 of 318



Plot 7-366. Middle ACP Plot (NR Band n41 - 25MHz CP-OFDM QPSK – Full RB)

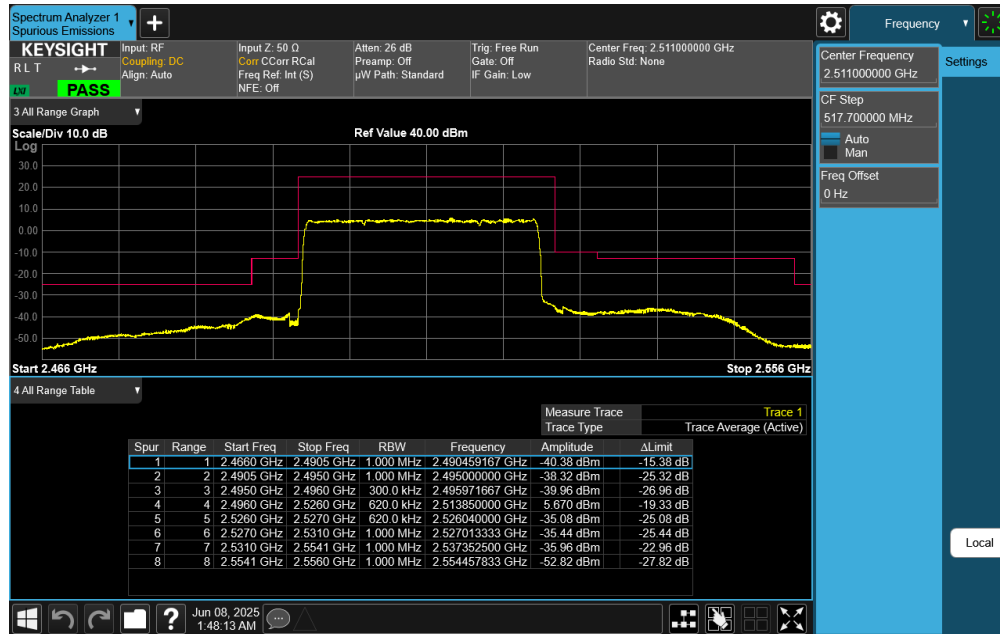


Plot 7-367. Upper ACP Plot (NR Band n41 - 25MHz CP-OFDM QPSK – Full RB)

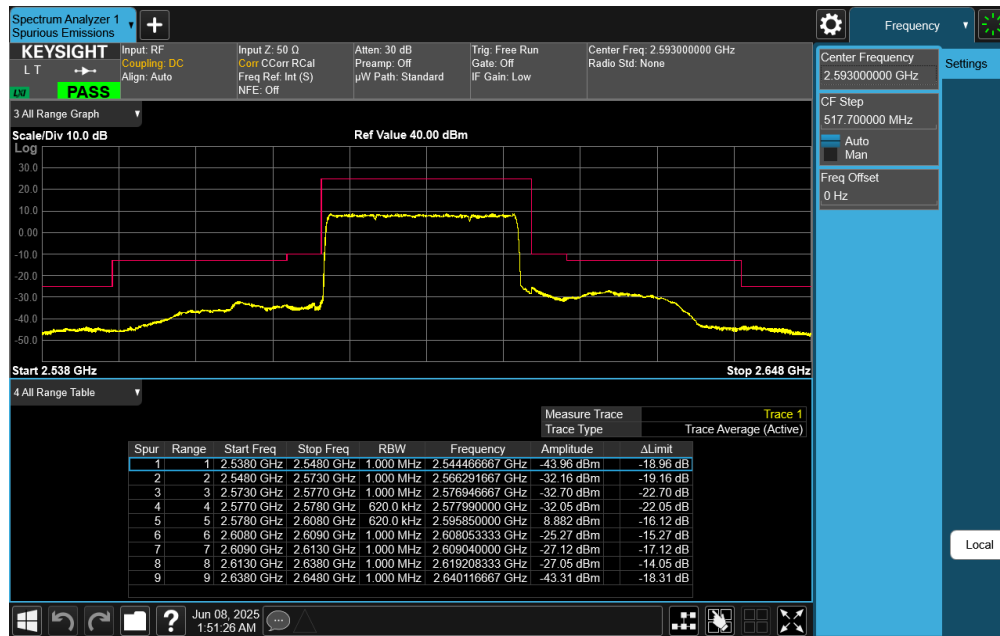
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 210 of 318

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Plot 7-368. Lower ACP Plot (NR Band n41 - 30MHz CP-OFDM QPSK – Full RB)

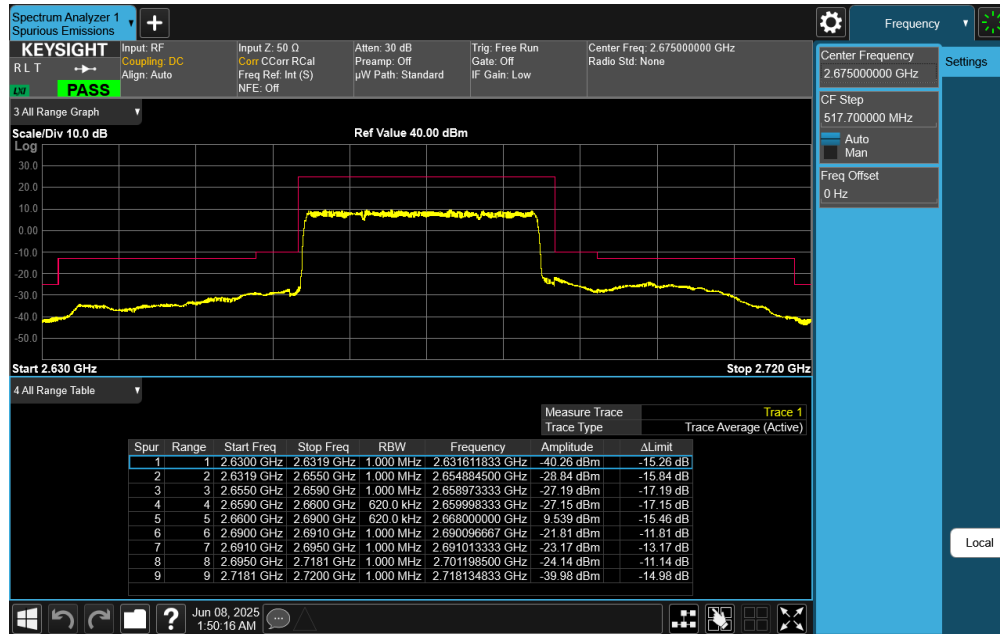


Plot 7-369. Middle ACP Plot (NR Band n41 - 30MHz CP-OFDM QPSK – Full RB)

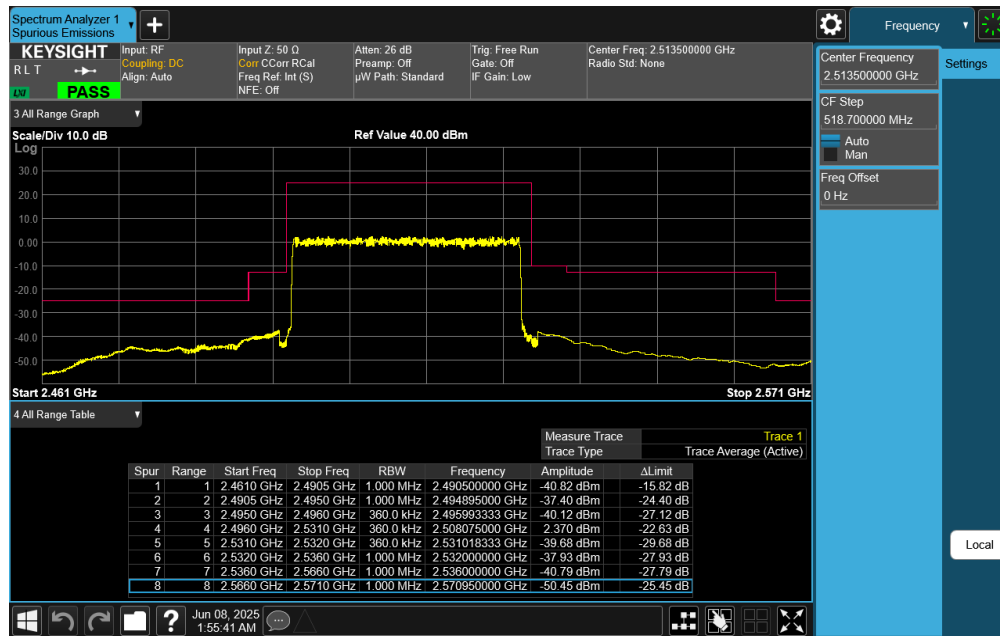
FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 211 of 318

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Plot 7-370. Upper ACP Plot (NR Band n41 - 30MHz CP-OFDM QPSK – Full RB)

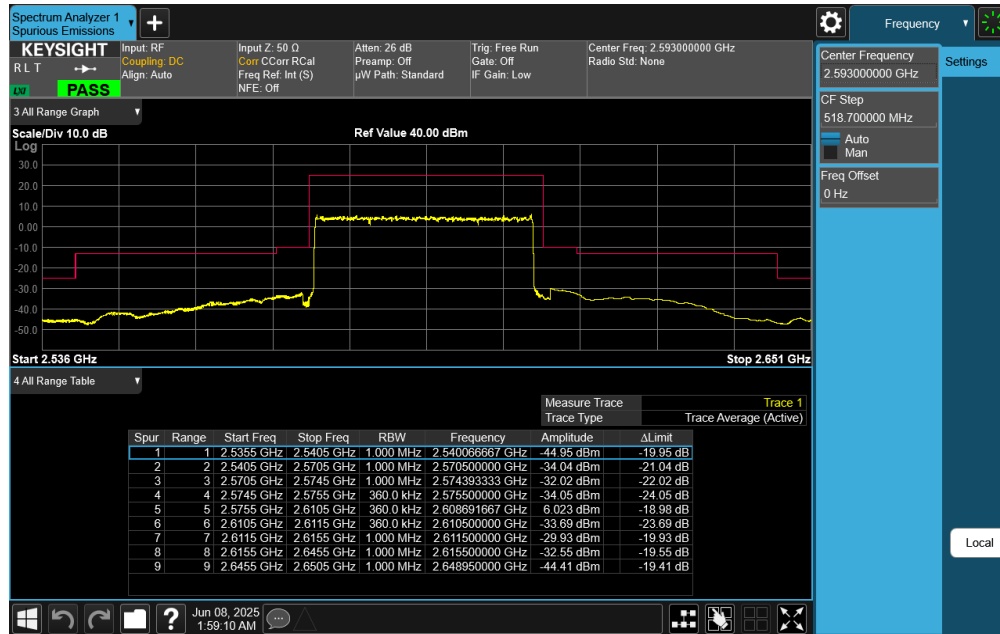


Plot 7-371. Lower ACP Plot (NR Band n41 - 35MHz CP-OFDM QPSK – Full RB)

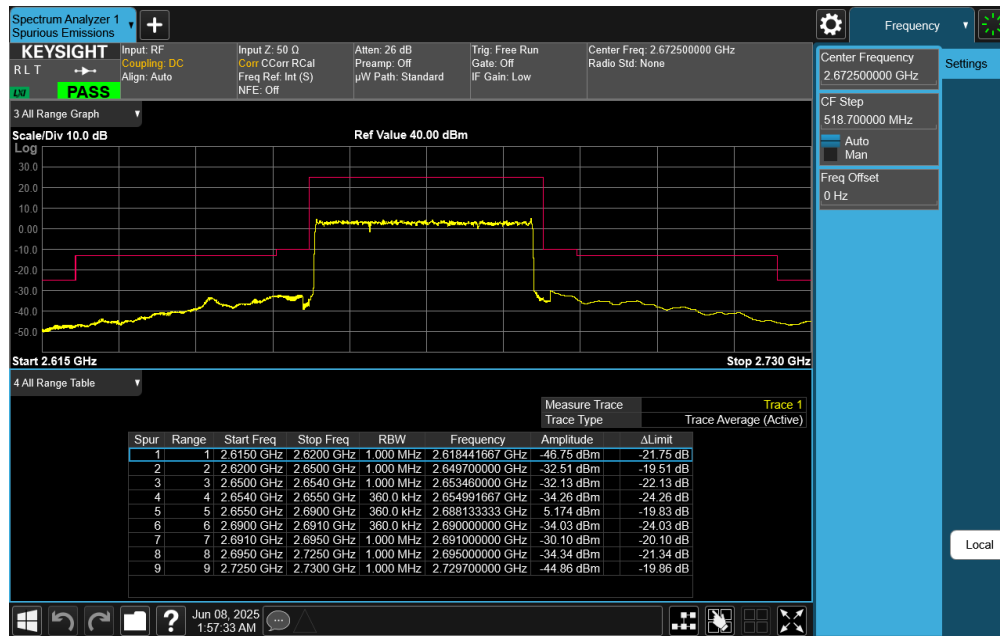
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 212 of 318

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Plot 7-372. Middle ACP Plot (NR Band n41 - 35MHz CP-OFDM QPSK – Full RB)

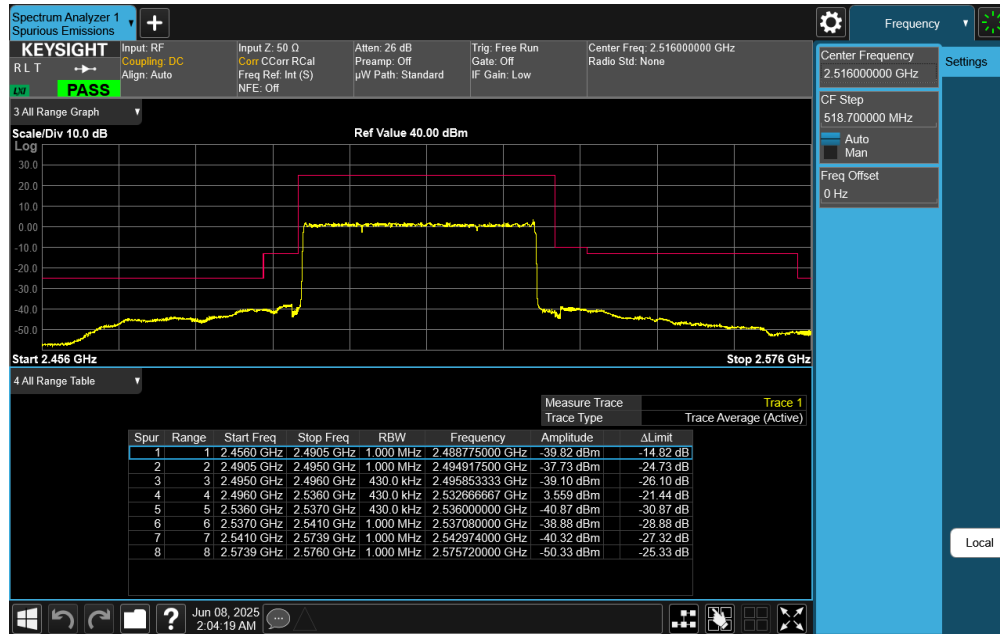


Plot 7-373. Upper ACP Plot (NR Band n41 - 35MHz CP-OFDM QPSK – Full RB)

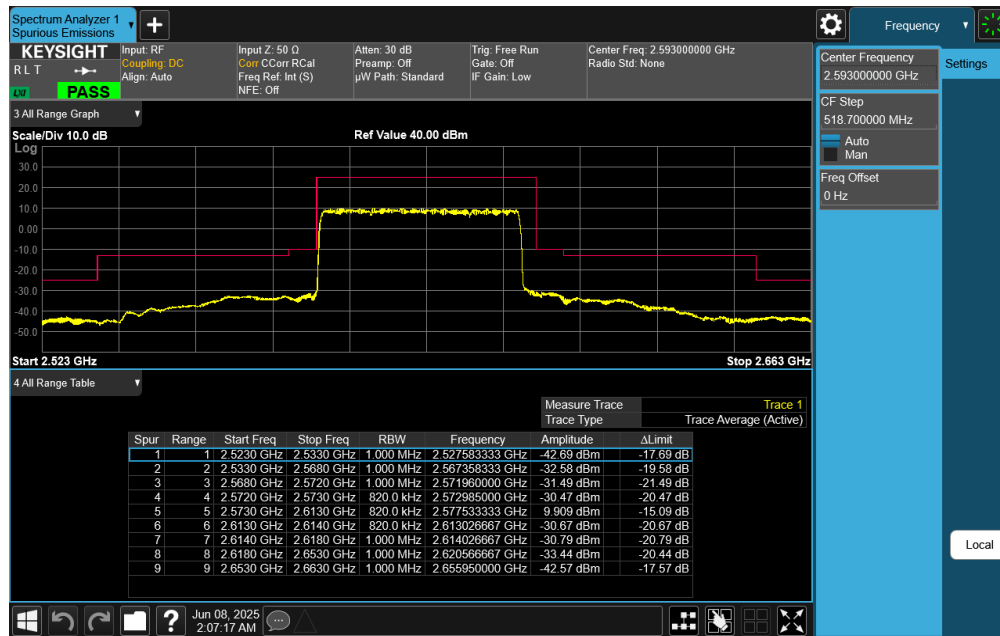
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 213 of 318

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Plot 7-374. Lower ACP Plot (NR Band n41 - 40MHz CP-OFDM QPSK – Full RB)

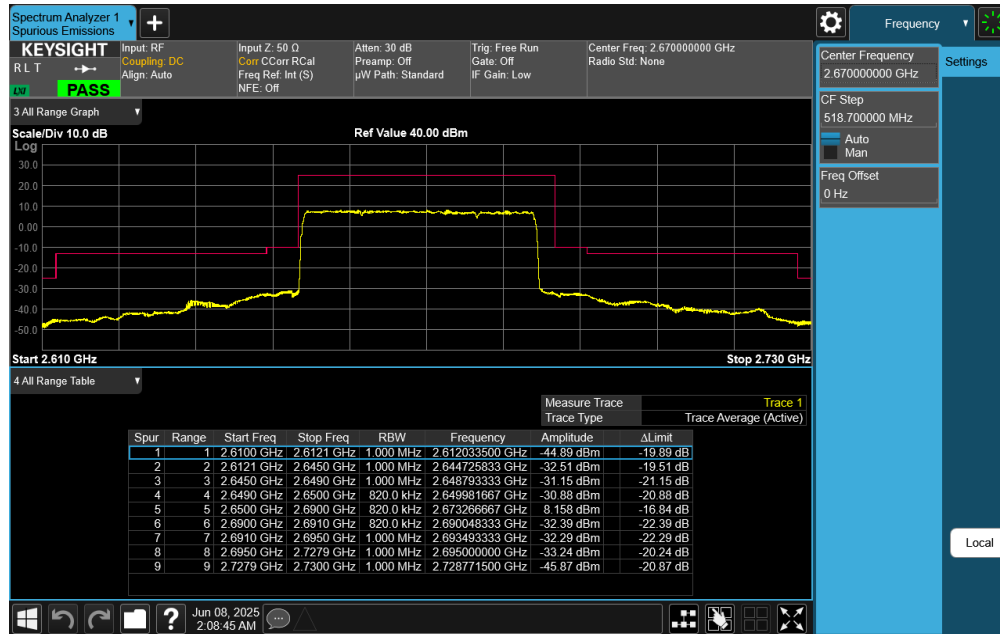


Plot 7-375. Middle ACP Plot (NR Band n41 - 40MHz CP-OFDM QPSK – Full RB)

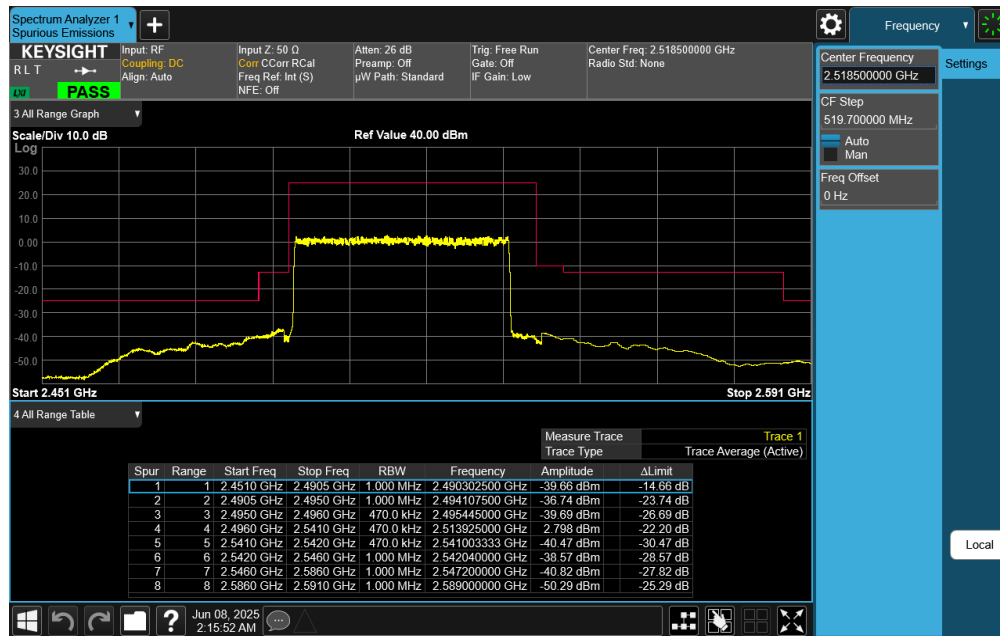
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 214 of 318

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Plot 7-376. Upper ACP Plot (NR Band n41 - 40MHz CP-OFDM QPSK – Full RB)

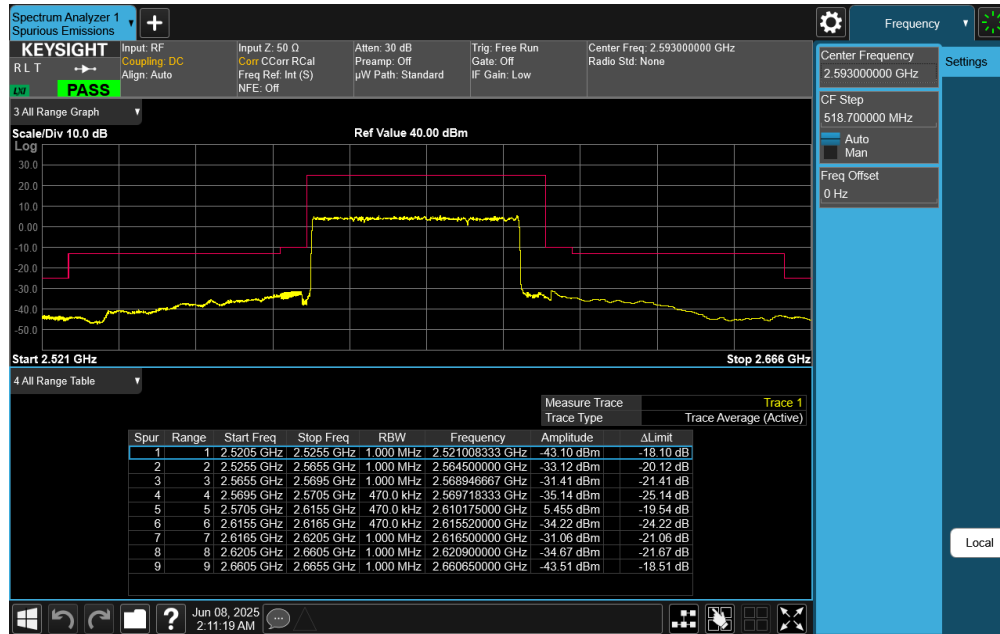


Plot 7-377. Lower ACP Plot (NR Band n41 - 45MHz CP-OFDM QPSK – Full RB)

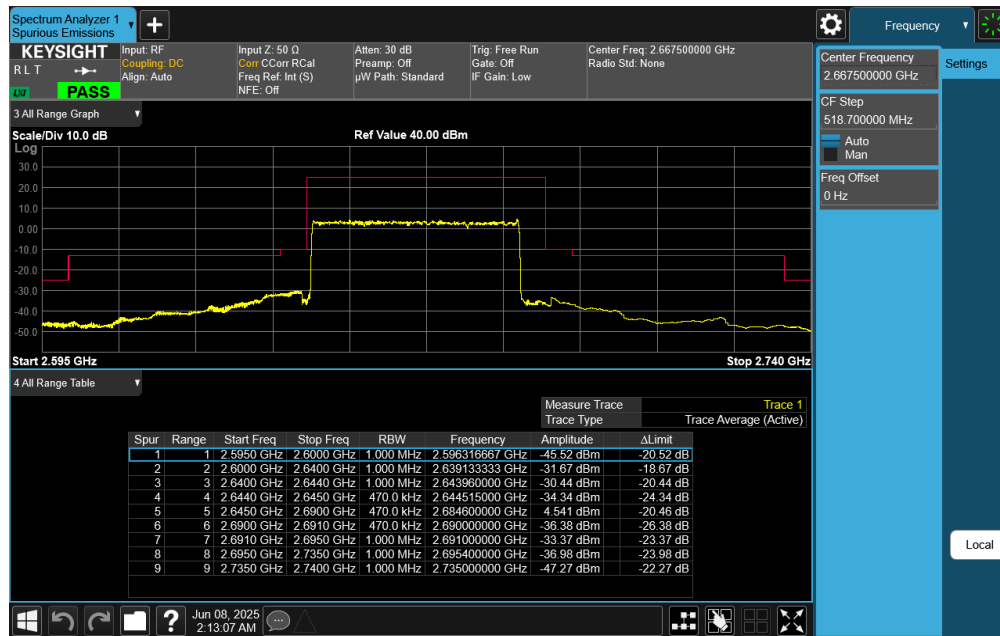
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 215 of 318

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Plot 7-378. Middle ACP Plot (NR Band n41 - 45MHz CP-OFDM QPSK – Full RB)

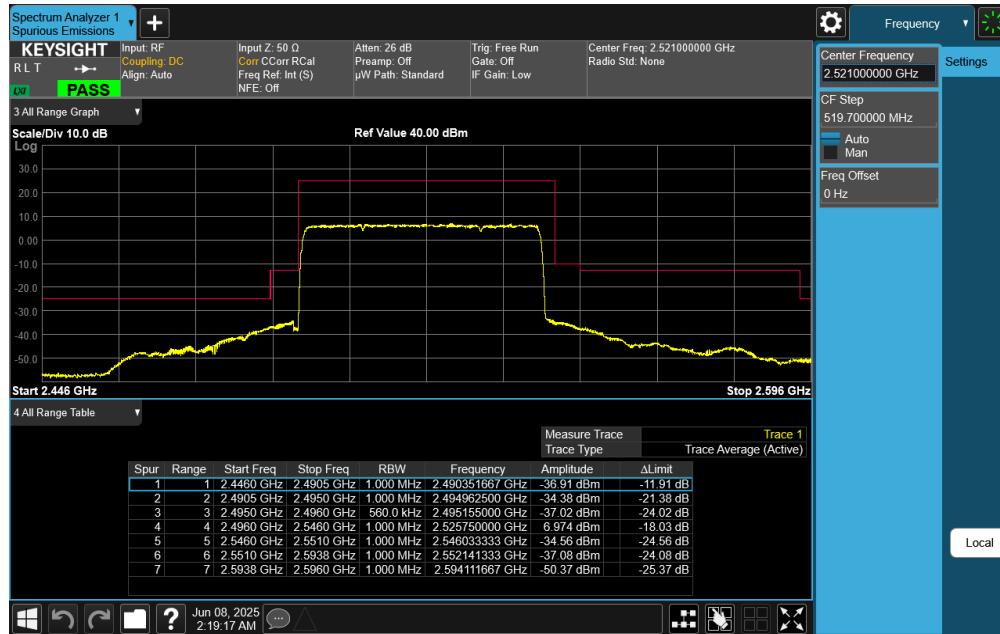


Plot 7-379. Upper ACP Plot (NR Band n41 - 45MHz CP-OFDM QPSK – Full RB)

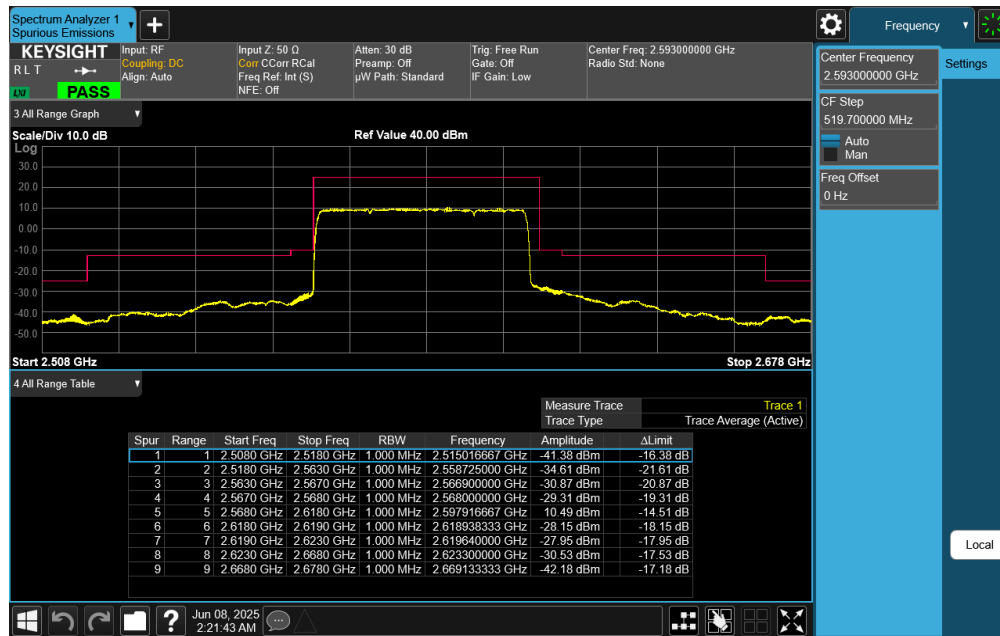
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 216 of 318

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Plot 7-380. Lower ACP Plot (NR Band n41 - 50MHz CP-OFDM QPSK – Full RB)

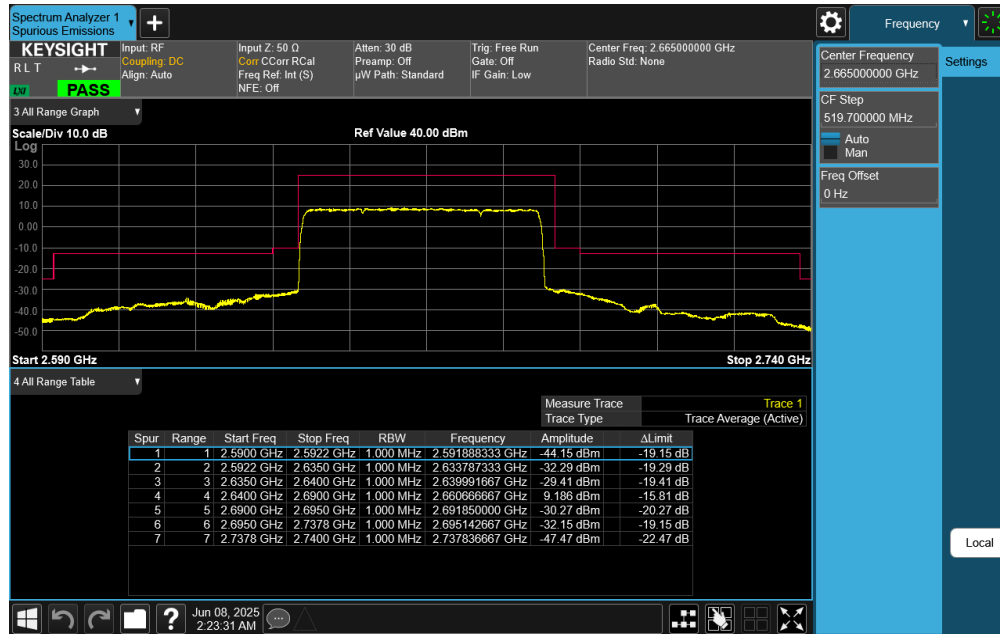


Plot 7-381. Middle ACP Plot (NR Band n41 - 50MHz CP-OFDM QPSK – Full RB)

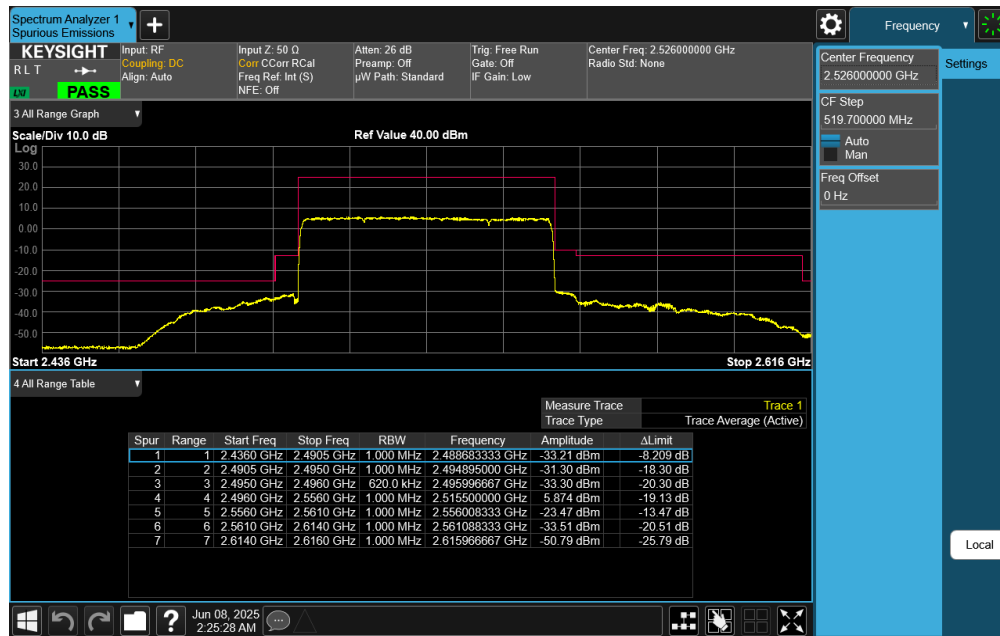
FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 217 of 318

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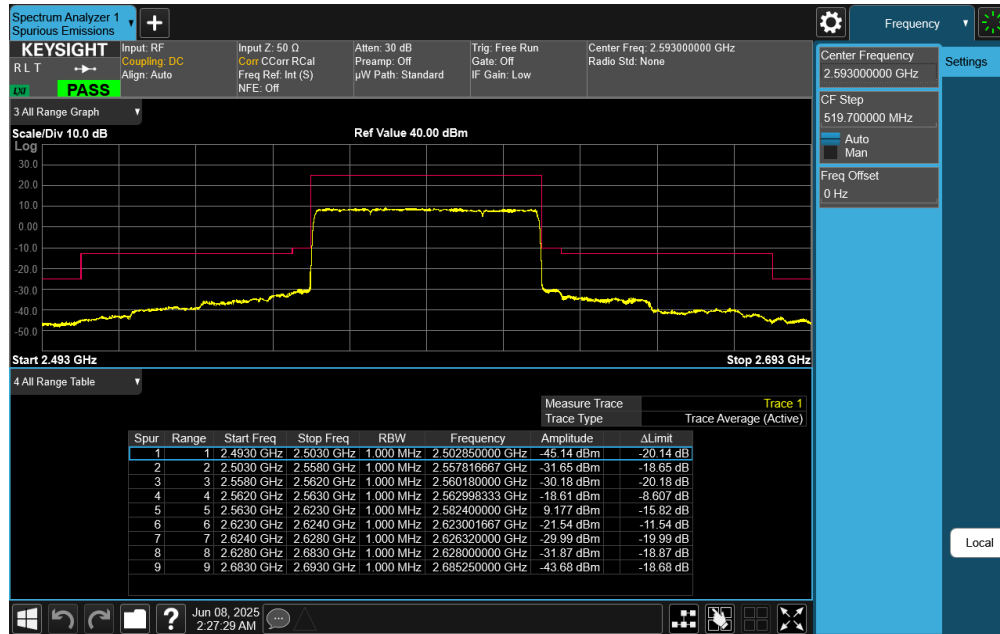


Plot 7-382. Upper ACP Plot (NR Band n41 - 50MHz CP-OFDM QPSK – Full RB)

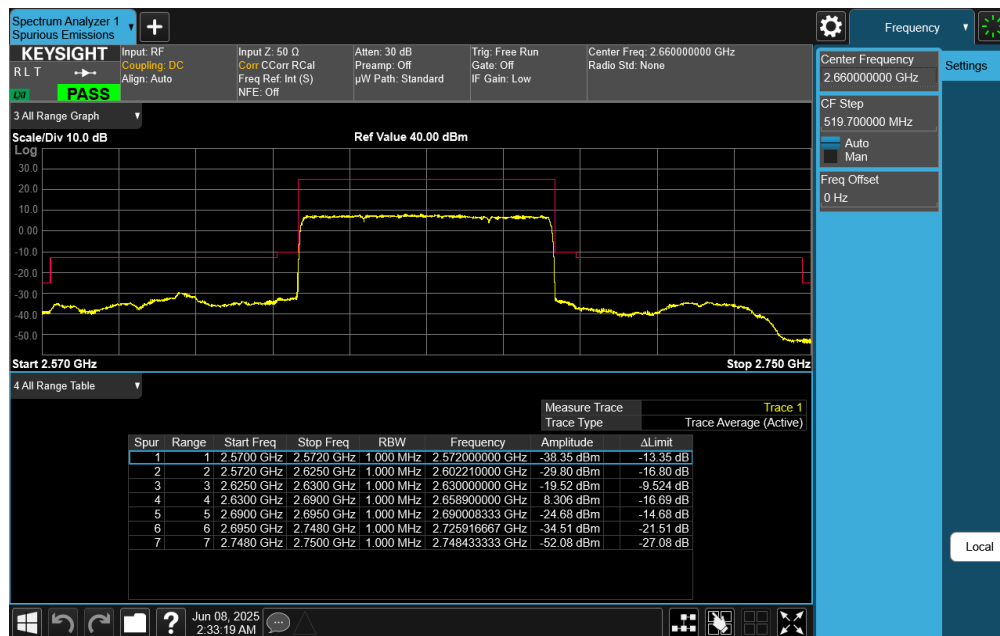


Plot 7-383. Lower ACP Plot (NR Band n41 - 60MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 218 of 318



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

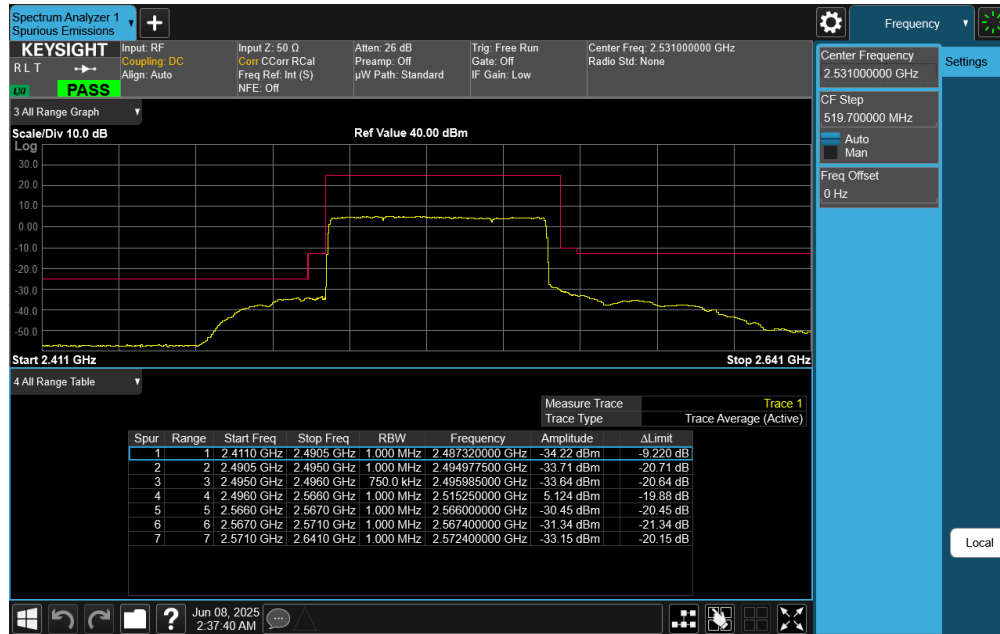


Plot 7-385. Upper ACP Plot (NR Band n41 - 60MHz CP-OFDM QPSK – Full RB)

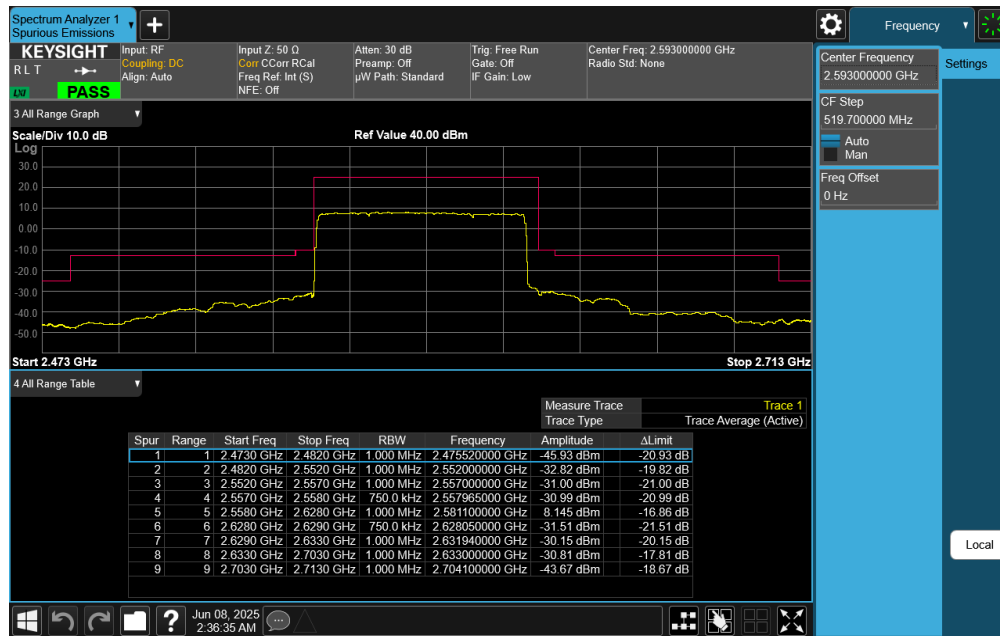
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 219 of 318

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Plot 7-386. Lower ACP Plot (NR Band n41 - 70MHz CP-OFDM QPSK – Full RB)

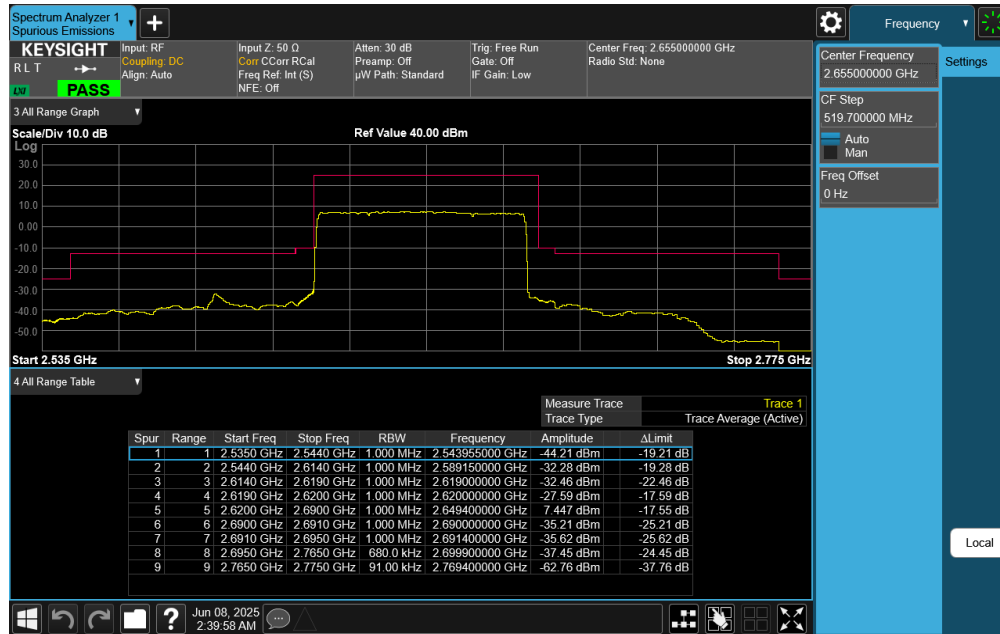


Plot 7-387. Middle ACP Plot (NR Band n41 - 70MHz CP-OFDM QPSK – Full RB)

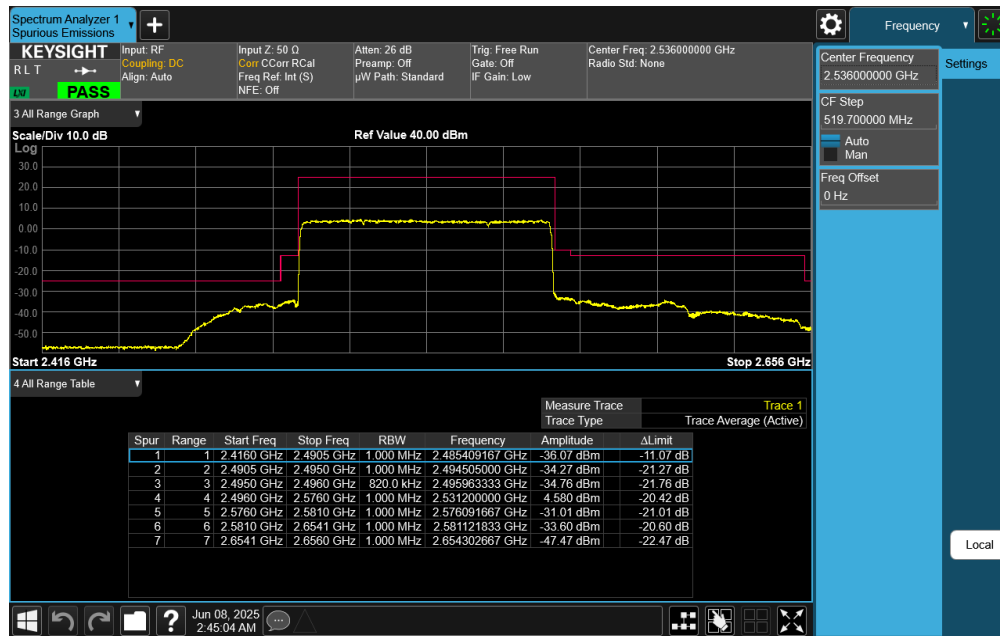
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 220 of 318

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Plot 7-388. Upper ACP Plot (NR Band n41 - 70MHz CP-OFDM QPSK – Full RB)

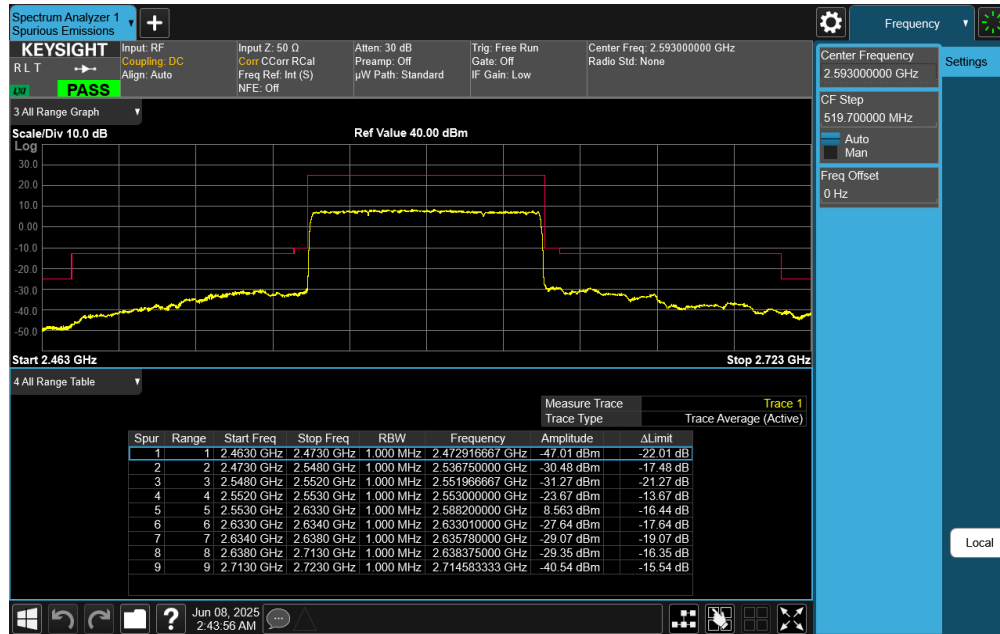


Plot 7-389. Lower ACP Plot (NR Band n41 - 80MHz CP-OFDM QPSK – Full RB)

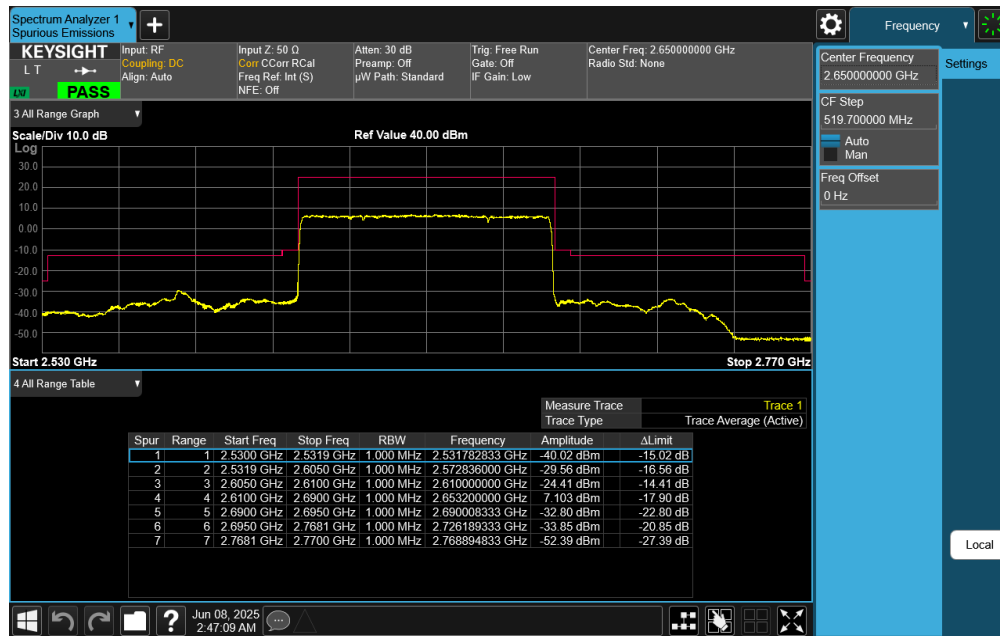
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 221 of 318

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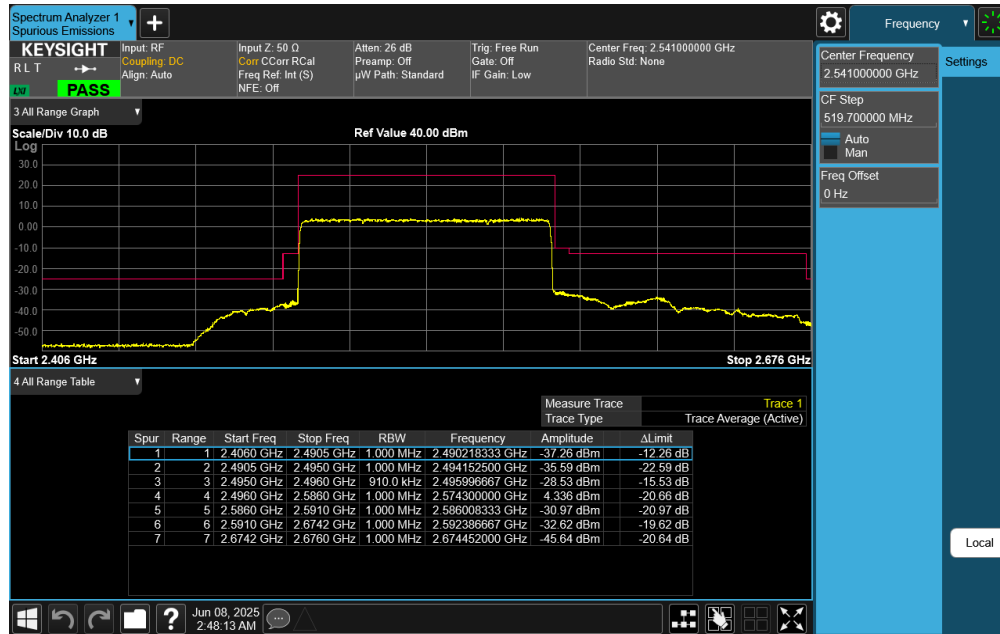


Plot 7-390. Middle ACP Plot (NR Band n41 - 80MHz CP-OFDM QPSK – Full RB)

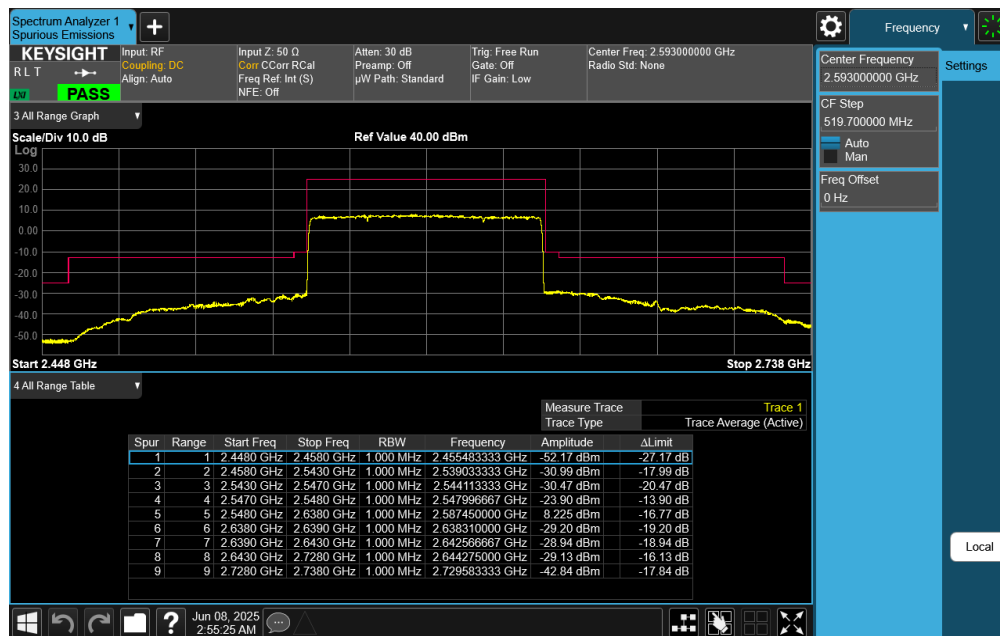


Plot 7-391. Upper ACP Plot (NR Band n41 - 80MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 222 of 318



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

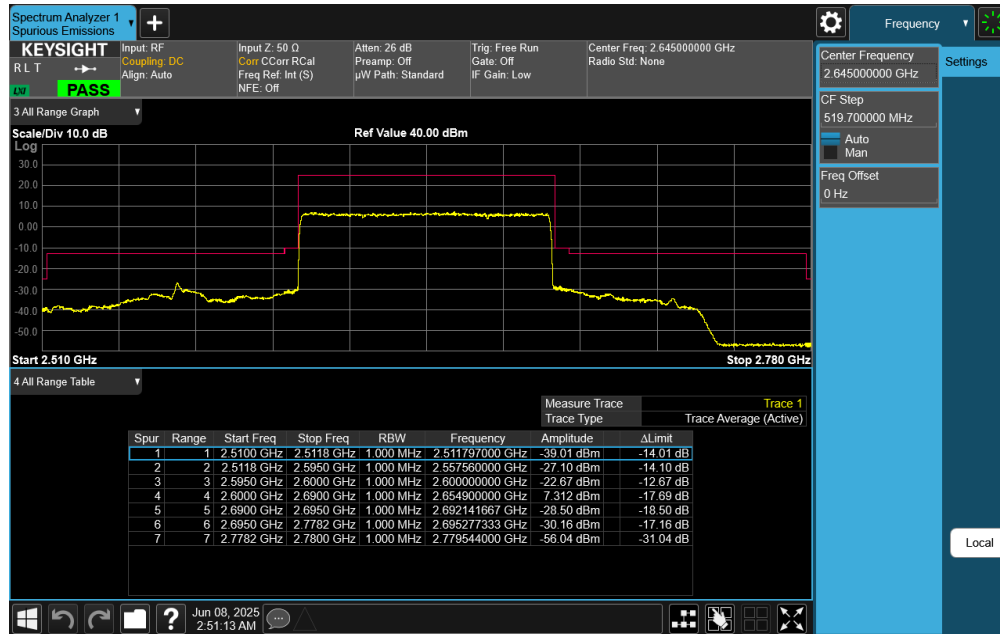


Plot 7-393. Middle ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

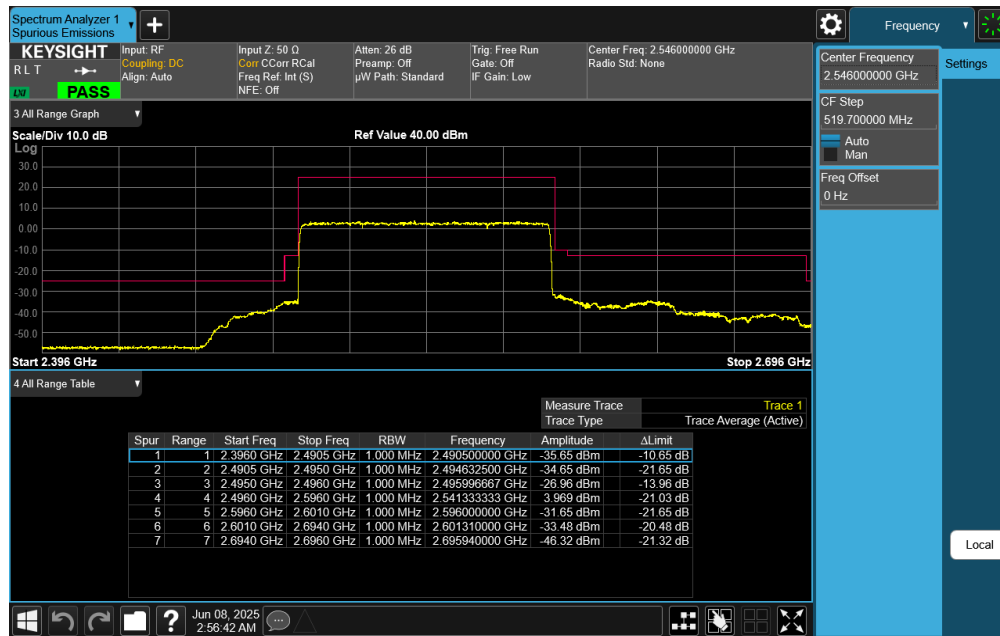
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 223 of 318

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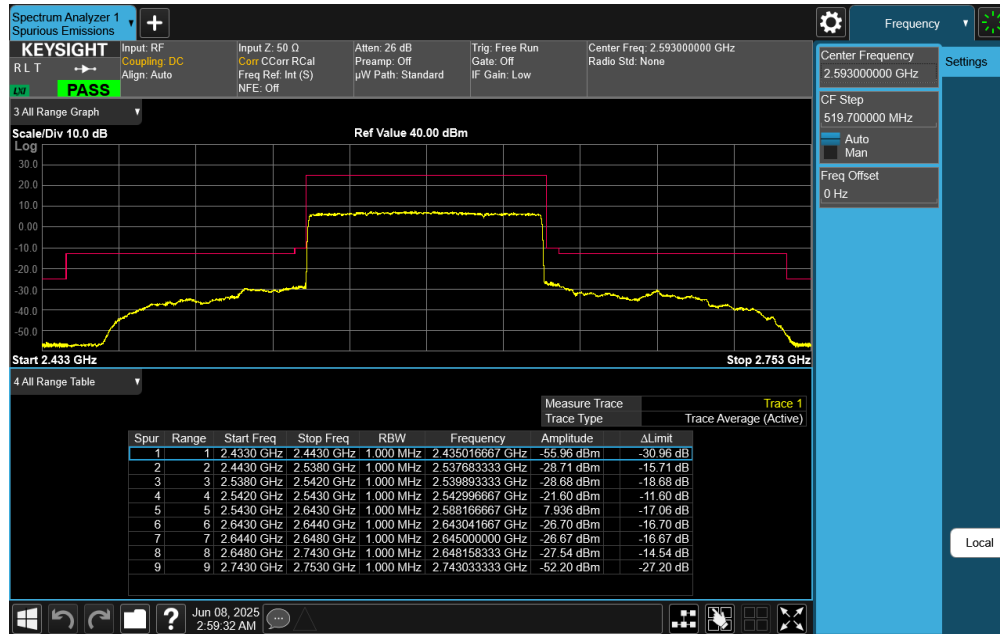


Plot 7-394. Upper ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

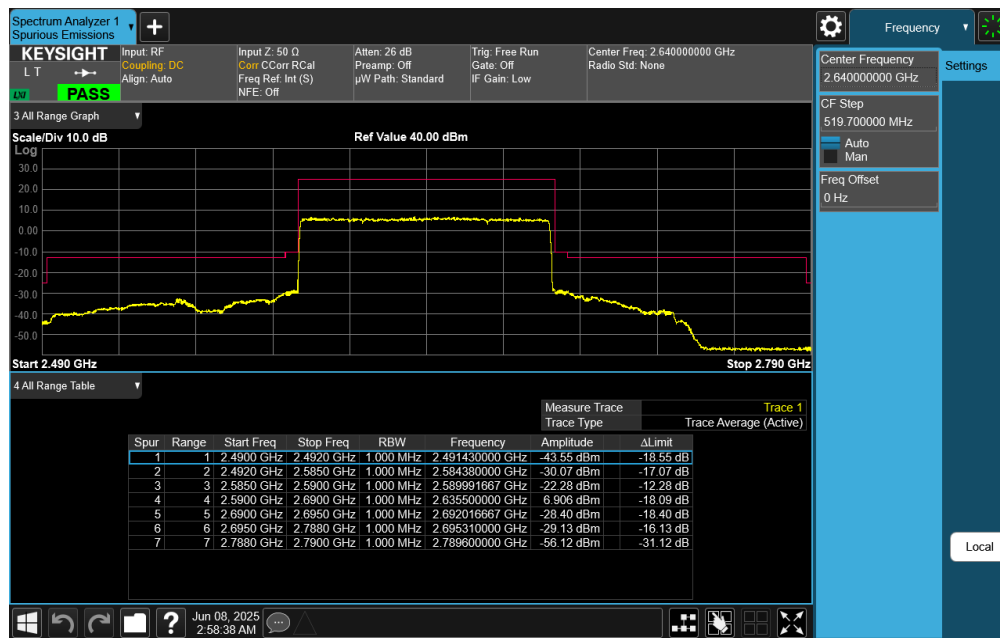


Plot 7-395. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 224 of 318



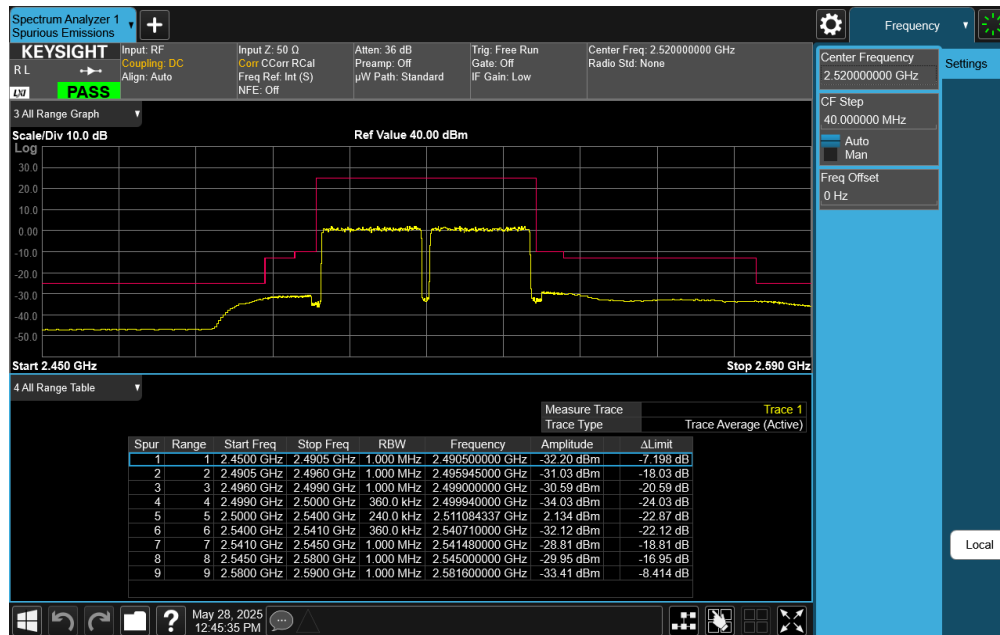
Plot 7-396. Middle ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)



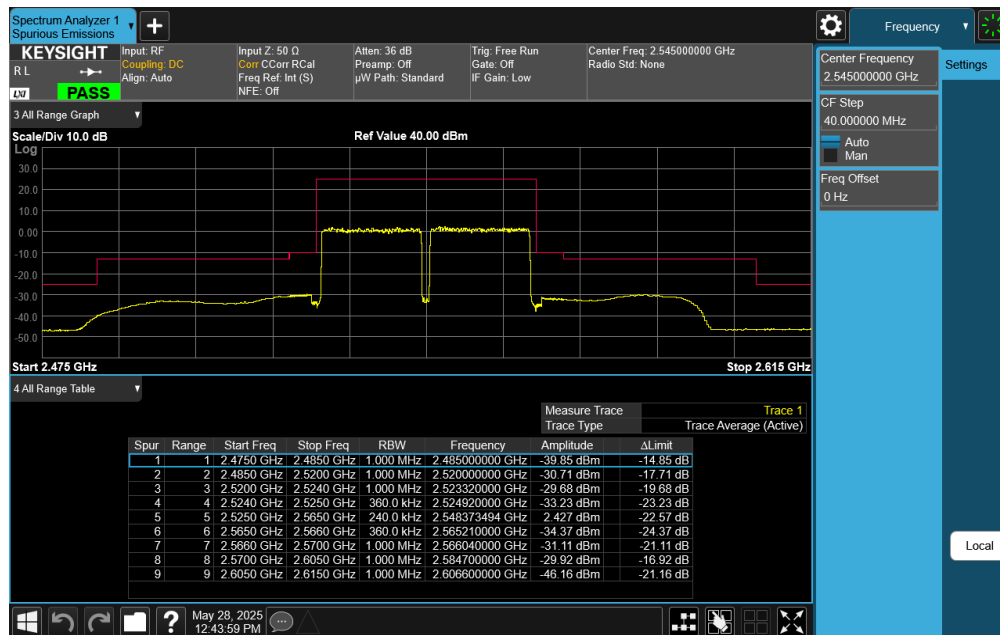
Plot 7-397. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 225 of 318

ULCA - LTE Band 7



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

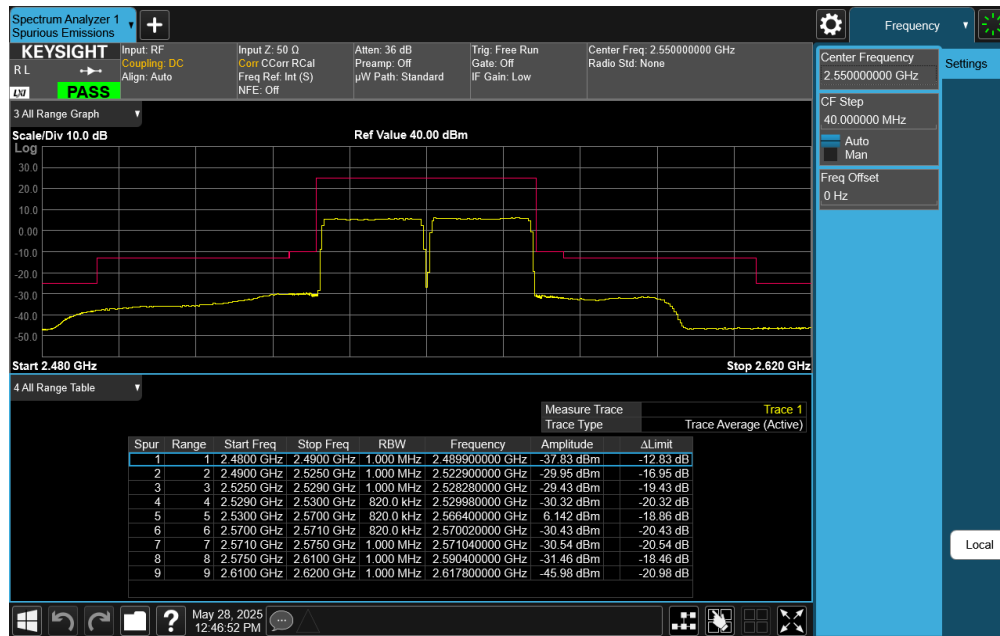


Plot 7-399. Middle ACP Plot (UCLA LTE B7 - (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 226 of 318

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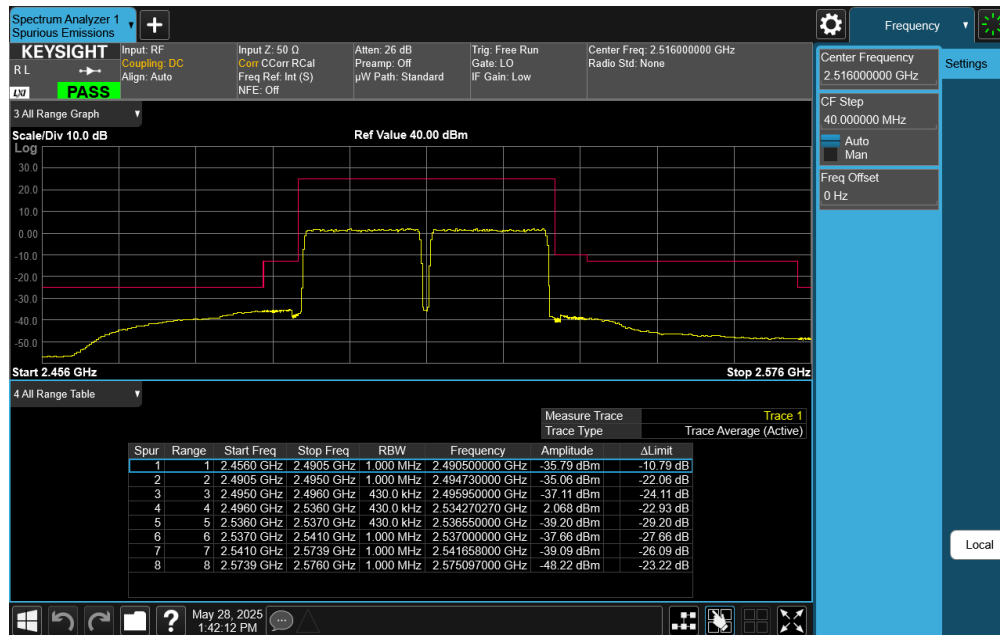


FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 227 of 318

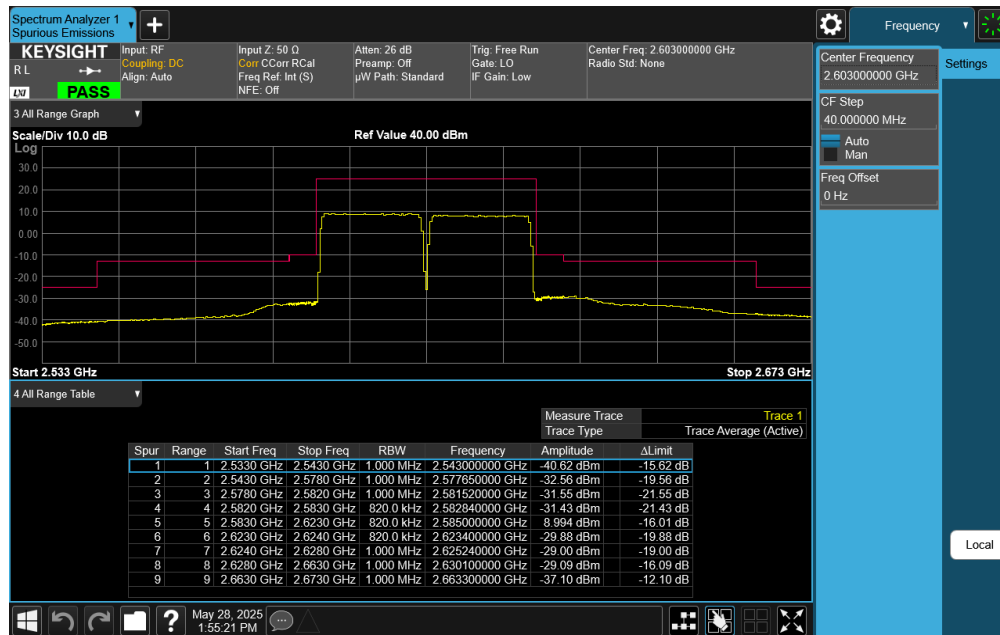
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ULCA - LTE Band 41



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

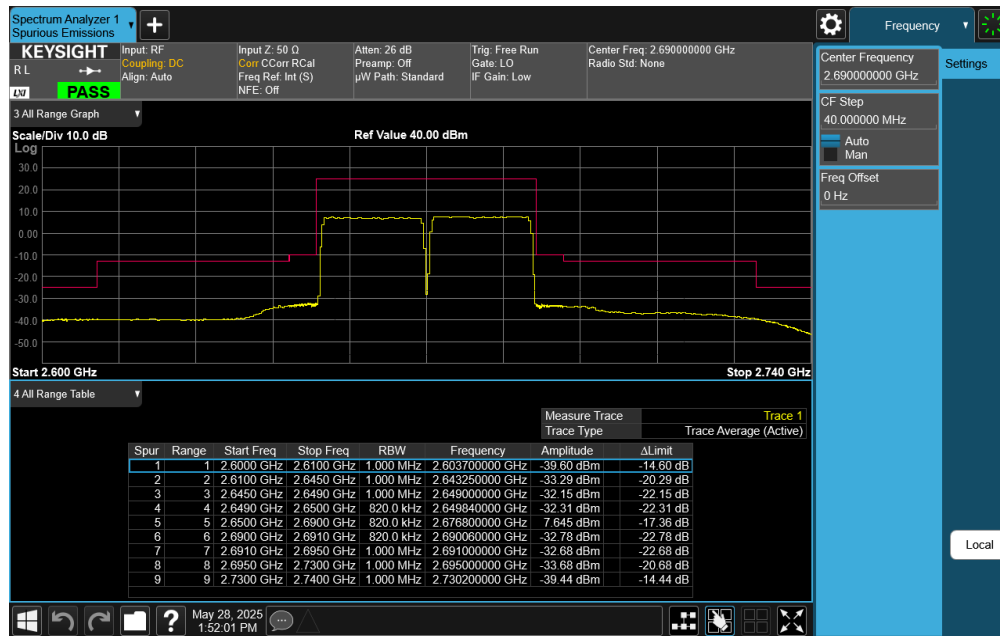


Plot 7-402. Middle ACP Plot (UCLA LTE B41 - (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 228 of 318

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Plot 7-403. Upper ACP Plot (UCLA LTE B41 – (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 229 of 318

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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.

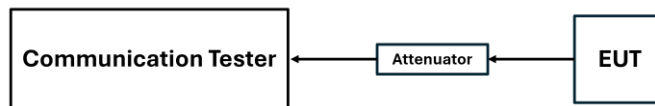


Figure 7-7. EIRP Measurement Setup

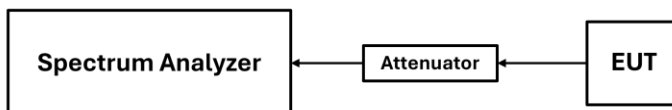


Figure 7-8. EIRP Measurement Setup

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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. 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.
5. Uplink carrier aggregation for LTE Band 7 is only supported in this EUT while operating in Power Class 3.
6. Uplink carrier aggregation for LTE Band 41 is supported in this EUT while operating in Power Class 2 and Power Class 3.
7. 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.

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7.5.1 Antenna 4b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	0.10	1 / 24	23.12	23.22	0.210	23.98	-0.76
		2310.0	0.10	1 / 24	23.09	23.19	0.208	23.98	-0.79
		2312.5	0.10	1 / 12	22.94	23.04	0.201	23.98	-0.94
	16-QAM	2307.5	0.10	1 / 24	22.55	22.65	0.184	23.98	-1.33
	64-QAM	2310.0	0.10	1 / 12	21.25	21.35	0.136	23.98	-2.63
	256-QAM	2310.0	0.10	25 / 0	18.56	18.66	0.073	23.98	-5.32
10 MHz	QPSK	2310.0	0.10	1 / 0	22.94	23.04	0.201	23.98	-0.94
	16-QAM	2310.0	0.10	1 / 49	22.25	22.35	0.172	23.98	-1.63
	64-QAM	2310.0	0.10	1 / 49	21.32	21.42	0.139	23.98	-2.56
	256-QAM	2310.0	0.10	50 / 0	18.56	18.66	0.073	23.98	-5.32

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

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LTE-Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	-0.60	1 / 24	24.78	24.18	0.262	33.01	-8.83
		2535.0	-0.60	1 / 24	24.99	24.39	0.275	33.01	-8.62
		2567.5	-0.60	1 / 0	24.58	23.98	0.250	33.01	-9.03
	16-QAM	2535.0	-0.60	1 / 12	24.24	23.64	0.231	33.01	-9.37
	64-QAM	2535.0	-0.60	1 / 0	22.98	22.38	0.173	33.01	-10.63
	256-QAM	2535.0	-0.60	25 / 0	20.23	19.63	0.092	33.01	-13.38
10 MHz	QPSK	2505.0	-0.60	1 / 49	24.79	24.19	0.262	33.01	-8.82
		2535.0	-0.60	1 / 0	24.86	24.26	0.267	33.01	-8.75
		2565.0	-0.60	1 / 0	24.77	24.17	0.261	33.01	-8.84
	16-QAM	2535.0	-0.60	1 / 0	24.20	23.60	0.229	33.01	-9.41
	64-QAM	2535.0	-0.60	1 / 49	23.12	22.52	0.179	33.01	-10.49
	256-QAM	2535.0	-0.60	50 / 0	20.35	19.75	0.094	33.01	-13.26
15 MHz	QPSK	2507.5	-0.60	1 / 0	24.90	24.30	0.269	33.01	-8.71
		2535.0	-0.60	1 / 0	24.80	24.20	0.263	33.01	-8.81
		2562.5	-0.60	1 / 0	24.74	24.14	0.259	33.01	-8.87
	16-QAM	2562.5	-0.60	1 / 0	24.19	23.59	0.229	33.01	-9.42
	64-QAM	2562.5	-0.60	1 / 0	22.98	22.38	0.173	33.01	-10.63
	256-QAM	2535.0	-0.60	75 / 0	20.25	19.65	0.092	33.01	-13.36
20 MHz	QPSK	2510.0	-0.60	1 / 0	24.60	24.00	0.251	33.01	-9.01
		2535.0	-0.60	1 / 0	24.81	24.21	0.264	33.01	-8.80
		2560.0	-0.60	1 / 0	24.78	24.18	0.262	33.01	-8.83
	16-QAM	2510.0	-0.60	1 / 0	24.20	23.60	0.229	33.01	-9.41
	64-QAM	2510.0	-0.60	1 / 0	22.97	22.37	0.173	33.01	-10.64
	256-QAM	2560.0	-0.60	100 / 0	20.22	19.62	0.092	33.01	-13.39

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

FCC ID: BCGA3358	 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	-0.40	1 / 24	27.23	26.83	0.482	33.01	-6.18
		2593.0	-0.40	1 / 24	27.39	26.99	0.500	33.01	-6.02
		2687.5	-0.40	1 / 0	27.16	26.76	0.474	33.01	-6.25
	16-QAM	2593.0	-0.40	1 / 12	27.05	26.65	0.462	33.01	-6.36
	64-QAM	2593.0	-0.40	1 / 24	25.91	25.51	0.356	33.01	-7.50
	256-QAM	2687.5	-0.40	1 / 12	22.81	22.41	0.174	33.01	-10.60
10 MHz	QPSK	2501.0	-0.40	1 / 49	27.25	26.85	0.484	33.01	-6.16
		2593.0	-0.40	1 / 25	27.36	26.96	0.497	33.01	-6.05
		2685.0	-0.40	1 / 49	27.29	26.89	0.489	33.01	-6.12
	16-QAM	2593.0	-0.40	1 / 49	26.95	26.55	0.452	33.01	-6.46
	64-QAM	2685.0	-0.40	1 / 25	25.82	25.42	0.348	33.01	-7.59
	256-QAM	2593.0	-0.40	1 / 0	22.81	22.41	0.174	33.01	-10.60
15 MHz	QPSK	2503.5	-0.40	1 / 74	27.26	26.86	0.485	33.01	-6.15
		2593.0	-0.40	1 / 74	27.38	26.98	0.499	33.01	-6.03
		2682.5	-0.40	1 / 37	27.20	26.80	0.479	33.01	-6.21
	16-QAM	2682.5	-0.40	1 / 37	26.90	26.50	0.447	33.01	-6.51
	64-QAM	2593.0	-0.40	1 / 37	25.77	25.37	0.344	33.01	-7.64
	256-QAM	2593.0	-0.40	75 / 0	23.39	22.99	0.199	33.01	-10.02
20 MHz	QPSK	2506.0	-0.40	1 / 50	27.23	26.83	0.482	33.01	-6.18
		2593.0	-0.40	1 / 50	27.43	27.03	0.505	33.01	-5.98
		2680.0	-0.40	1 / 50	27.36	26.96	0.497	33.01	-6.05
	16-QAM	2593.0	-0.40	1 / 99	26.94	26.54	0.451	33.01	-6.47
	64-QAM	2593.0	-0.40	1 / 50	26.01	25.61	0.364	33.01	-7.40
	256-QAM	2593.0	-0.40	100 / 0	23.40	23.00	0.200	33.01	-10.01

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-0.40	1 / 24	25.50	25.10	0.324	33.01	-7.91
		2593.0	-0.40	1 / 24	25.27	24.87	0.307	33.01	-8.14
		2687.5	-0.40	1 / 12	25.38	24.98	0.315	33.01	-8.03
	16-QAM	2687.5	-0.40	1 / 24	24.54	24.14	0.259	33.01	-8.87
	64-QAM	2687.5	-0.40	1 / 0	23.48	23.08	0.203	33.01	-9.93
	256-QAM	2687.5	-0.40	25 / 0	20.88	20.48	0.112	33.01	-12.53
10 MHz	QPSK	2501.0	-0.40	1 / 49	25.52	25.12	0.325	33.01	-7.89
		2593.0	-0.40	1 / 25	25.30	24.90	0.309	33.01	-8.11
		2685.0	-0.40	1 / 49	25.46	25.06	0.321	33.01	-7.95
	16-QAM	2685.0	-0.40	1 / 0	24.59	24.19	0.262	33.01	-8.82
	64-QAM	2685.0	-0.40	1 / 0	23.42	23.02	0.200	33.01	-9.99
	256-QAM	2685.0	-0.40	50 / 0	20.94	20.54	0.113	33.01	-12.47
15 MHz	QPSK	2503.5	-0.40	1 / 74	25.36	24.96	0.313	33.01	-8.05
		2593.0	-0.40	1 / 74	25.06	24.66	0.292	33.01	-8.35
		2682.5	-0.40	1 / 37	25.38	24.98	0.315	33.01	-8.03
	16-QAM	2682.5	-0.40	1 / 37	24.45	24.05	0.254	33.01	-8.96
	64-QAM	2682.5	-0.40	1 / 37	23.44	23.04	0.201	33.01	-9.97
	256-QAM	2682.5	-0.40	75 / 0	20.86	20.46	0.111	33.01	-12.55
20 MHz	QPSK	2506.0	-0.40	1 / 50	25.38	24.98	0.315	33.01	-8.03
		2593.0	-0.40	1 / 50	25.06	24.66	0.292	33.01	-8.35
		2680.0	-0.40	1 / 50	25.46	25.06	0.321	33.01	-7.95
	16-QAM	2506.0	-0.40	1 / 50	24.47	24.07	0.255	33.01	-8.94
	64-QAM	2680.0	-0.40	1 / 50	23.49	23.09	0.204	33.01	-9.92
	256-QAM	2680.0	-0.40	100 / 0	20.88	20.48	0.112	33.01	-12.53

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

FCC ID: BCGA3358	 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	0.10	25 / 0	22.91	23.01	0.200	23.98	-0.97
		2310.0	0.10	25 / 0	23.00	23.10	0.204	23.98	-0.88
		2312.5	0.10	25 / 0	22.92	23.02	0.201	23.98	-0.96
	QPSK	2307.5	0.10	1 / 1	22.86	22.96	0.198	23.98	-1.02
		2310.0	0.10	1 / 1	22.87	22.97	0.198	23.98	-1.01
		2312.5	0.10	1 / 1	22.92	23.02	0.200	23.98	-0.96
	16-QAM	2312.5	0.10	1 / 1	21.75	21.85	0.153	23.98	-2.12
	64-QAM	2310.0	0.10	25 / 0	21.02	21.12	0.129	23.98	-2.86
10 MHz	256-QAM	2310.0	0.10	25 / 0	19.06	19.16	0.083	23.98	-4.81
	$\pi/2$ BPSK	2310.0	0.10	50 / 0	23.00	23.10	0.204	23.98	-0.88
	QPSK	2310.0	0.10	1 / 1	22.93	23.03	0.201	23.98	-0.95
	16-QAM	2310.0	0.10	1 / 1	21.82	21.92	0.155	23.98	-2.06
	64-QAM	2310.0	0.10	50 / 0	20.99	21.09	0.128	23.98	-2.89
	256-QAM	2310.0	0.10	50 / 0	19.14	19.24	0.084	23.98	-4.74

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	-0.60	1 / 12	24.76	24.16	0.261	33.01	-8.85
		2535.0	-0.60	1 / 23	24.85	24.25	0.266	33.01	-8.76
		2567.5	-0.60	1 / 1	24.59	23.99	0.251	33.01	-9.02
	QPSK	2502.5	-0.60	1 / 23	24.72	24.12	0.258	33.01	-8.89
		2535.0	-0.60	1 / 12	24.88	24.28	0.268	33.01	-8.73
		2567.5	-0.60	1 / 1	24.61	24.01	0.252	33.01	-9.00
	16-QAM	2502.5	-0.60	1 / 23	23.83	23.23	0.210	33.01	-9.78
	64-QAM	2535.0	-0.60	25 / 0	22.97	22.37	0.173	33.01	-10.64
10 MHz	π/2 BPSK	2535.0	-0.60	25 / 0	20.78	20.18	0.104	33.01	-12.83
		2505.0	-0.60	50 / 0	24.89	24.29	0.269	33.01	-8.72
		2535.0	-0.60	50 / 0	24.88	24.28	0.268	33.01	-8.73
	QPSK	2565.0	-0.60	50 / 0	24.73	24.13	0.259	33.01	-8.88
		2505.0	-0.60	1 / 50	24.84	24.24	0.266	33.01	-8.77
		2535.0	-0.60	1 / 50	24.84	24.24	0.265	33.01	-8.77
	16-QAM	2565.0	-0.60	1 / 50	24.59	23.99	0.250	33.01	-9.03
		2505.0	-0.60	1 / 50	23.63	23.03	0.201	33.01	-9.98
15 MHz	π/2 BPSK	2535.0	-0.60	50 / 0	22.76	22.16	0.164	33.01	-10.85
		2505.0	-0.60	50 / 0	20.88	20.28	0.107	33.01	-12.73
		2535.0	-0.60	75 / 0	24.67	24.07	0.255	33.01	-8.94
	QPSK	2535.0	-0.60	75 / 0	24.71	24.11	0.258	33.01	-8.90
		2562.5	-0.60	75 / 0	24.65	24.05	0.254	33.01	-8.96
		2507.5	-0.60	1 / 1	24.86	24.26	0.267	33.01	-8.75
	16-QAM	2535.0	-0.60	1 / 36	24.78	24.18	0.262	33.01	-8.83
		2562.5	-0.60	1 / 1	24.71	24.11	0.257	33.01	-8.90
20 MHz	π/2 BPSK	2507.5	-0.60	1 / 77	23.62	23.02	0.201	33.01	-9.99
		2535.0	-0.60	75 / 0	22.82	22.22	0.167	33.01	-10.79
		2535.0	-0.60	75 / 0	20.76	20.16	0.104	33.01	-12.85
	QPSK	2535.0	-0.60	100 / 0	24.76	24.16	0.261	33.01	-8.85
		2535.0	-0.60	100 / 0	24.76	24.16	0.260	33.01	-8.85
		2560.0	-0.60	100 / 0	24.71	24.11	0.258	33.01	-8.90
	16-QAM	2510.0	-0.60	1 / 104	24.75	24.15	0.260	33.01	-8.86
		2535.0	-0.60	1 / 104	24.84	24.24	0.266	33.01	-8.77
25 MHz	π/2 BPSK	2560.0	-0.60	1 / 1	24.64	24.04	0.253	33.01	-8.97
		2510.0	-0.60	1 / 104	23.60	23.00	0.200	33.01	-10.01
		2535.0	-0.60	100 / 0	22.80	22.20	0.166	33.01	-10.81
	QPSK	2510.0	-0.60	100 / 0	20.79	20.19	0.105	33.01	-12.82
		2512.5	-0.60	128 / 0	24.83	24.23	0.265	33.01	-8.78
		2535.0	-0.60	128 / 0	24.83	24.23	0.265	33.01	-8.78
	16-QAM	2557.5	-0.60	128 / 0	24.74	24.14	0.259	33.01	-8.87
		2512.5	-0.60	1 / 64	24.72	24.12	0.258	33.01	-8.89
30 MHz	π/2 BPSK	2535.0	-0.60	1 / 64	24.82	24.22	0.264	33.01	-8.79
		2535.0	-0.60	1 / 1	24.73	24.13	0.259	33.01	-8.88
		2512.5	-0.60	1 / 64	23.63	23.03	0.201	33.01	-9.98
	QPSK	2512.5	-0.60	128 / 0	22.94	22.34	0.172	33.01	-10.67
		2512.5	-0.60	128 / 0	20.82	20.22	0.105	33.01	-12.79
		2515.0	-0.60	160 / 0	24.74	24.14	0.259	33.01	-8.87
	16-QAM	2535.0	-0.60	160 / 0	24.76	24.16	0.260	33.01	-8.85
		2555.0	-0.60	160 / 0	24.72	24.12	0.258	33.01	-8.89
35 MHz	π/2 BPSK	2515.0	-0.60	1 / 80	24.78	24.18	0.262	33.01	-8.83
		2535.0	-0.60	1 / 1	25.01	24.41	0.276	33.01	-8.60
		2555.0	-0.60	1 / 1	24.85	24.25	0.266	33.01	-8.76
	QPSK	2535.0	-0.60	1 / 1	23.65	23.05	0.202	33.01	-9.96
		2515.0	-0.60	160 / 0	22.88	22.28	0.169	33.01	-10.73
		2535.0	-0.60	160 / 0	20.87	20.27	0.106	33.01	-12.74
	16-QAM	2517.5	-0.60	180 / 0	24.77	24.17	0.261	33.01	-8.84
		2535.0	-0.60	180 / 0	24.80	24.20	0.263	33.01	-8.81
40 MHz	π/2 BPSK	2552.5	-0.60	180 / 0	24.73	24.13	0.259	33.01	-8.88
		2517.5	-0.60	1 / 90	24.75	24.15	0.260	33.01	-8.86
		2535.0	-0.60	1 / 90	24.81	24.21	0.263	33.01	-8.80
	QPSK	2552.5	-0.60	1 / 1	24.75	24.15	0.260	33.01	-8.86
		2517.5	-0.60	1 / 1	23.59	22.99	0.199	33.01	-10.02
		2517.5	-0.60	180 / 0	22.81	22.21	0.166	33.01	-10.80
	16-QAM	2517.5	-0.60	180 / 0	20.81	20.21	0.105	33.01	-12.80
		2520.0	-0.60	216 / 0	24.80	24.20	0.263	33.01	-8.81
50 MHz	π/2 BPSK	2535.0	-0.60	216 / 0	24.76	24.16	0.261	33.01	-8.85
		2550.0	-0.60	216 / 0	24.80	24.20	0.263	33.01	-8.81
		2520.0	-0.60	1 / 214	24.84	24.24	0.266	33.01	-8.77
	QPSK	2535.0	-0.60	1 / 108	24.79	24.19	0.263	33.01	-8.82
		2550.0	-0.60	1 / 108	24.77	24.17	0.261	33.01	-8.84
		2520.0	-0.60	1 / 108	23.68	23.08	0.203	33.01	-9.93
	16-QAM	2535.0	-0.60	216 / 0	22.90	22.30	0.170	33.01	-10.71
		2520.0	-0.60	216 / 0	20.95	20.35	0.108	33.01	-12.66
50 MHz	π/2 BPSK	2525.0	-0.60	270 / 0	24.83	24.23	0.265	33.01	-8.78
		2535.0	-0.60	270 / 0	24.77	24.17	0.261	33.01	-8.84
		2545.0	-0.60	270 / 0	24.89	24.29	0.269	33.01	-8.72
	QPSK	2525.0	-0.60	1 / 1	24.77	24.17	0.261	33.01	-8.84
		2535.0	-0.60	1 / 135	24.67	24.07	0.255	33.01	-8.94
		2545.0	-0.60	1 / 135	24.83	24.23	0.265	33.01	-8.78
	16-QAM	2525.0	-0.60	1 / 135	23.66	23.06	0.202	33.01	-9.95
		2545.0	-0.60	270 / 0	22.90	22.30	0.170	33.01	-10.71
50 MHz	256-QAM	2545.0	-0.60	270 / 0	20.83	20.23	0.106	33.01	-12.78

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	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	-0.40	1/22	27.34	26.94	0.494	33.01	-6.07
		2593.0	-0.40	1/12	27.43	27.03	0.505	33.01	-5.98
		2685.0	-0.40	1/12	27.35	26.95	0.495	33.01	-6.06
		2501.0	-0.40	1/12	27.36	26.96	0.495	33.01	-6.15
		2593.0	-0.40	1/12	27.38	26.98	0.499	33.01	-6.03
	QPSK	2685.0	-0.40	1/12	27.32	26.92	0.492	33.01	-6.09
		2593.0	-0.40	1/12	26.53	26.13	0.410	33.01	-6.88
		2593.0	-0.40	1/12	25.80	25.40	0.347	33.01	-7.61
		2593.0	-0.40	1/22	23.53	23.13	0.206	33.01	-9.88
		2503.5	-0.40	1/18	27.43	27.03	0.505	33.01	-5.98
15 MHz	n/2 BPSK	2593.0	-0.40	1/18	27.41	27.01	0.502	33.01	-6.00
		2682.5	-0.40	1/36	27.39	26.99	0.500	33.01	-6.02
		2503.5	-0.40	1/36	27.31	26.91	0.491	33.01	-6.10
		2593.0	-0.40	1/18	27.33	26.93	0.493	33.01	-6.08
		2682.5	-0.40	1/18	27.29	26.89	0.489	33.01	-6.12
	QPSK	2593.0	-0.40	1/18	26.82	26.42	0.439	33.01	-6.59
		2593.0	-0.40	1/36	25.17	24.77	0.300	33.01	-8.24
		2593.0	-0.40	1/36	23.04	22.64	0.184	33.01	-10.37
		2506.0	-0.40	1/49	27.19	26.78	0.476	33.01	-6.23
		2593.0	-0.40	1/25	27.43	27.03	0.505	33.01	-5.98
20 MHz	n/2 BPSK	2680.0	-0.40	1/25	27.42	27.02	0.504	33.01	-5.99
		2506.0	-0.40	1/49	27.14	26.74	0.472	33.01	-6.27
		2593.0	-0.40	1/49	27.35	26.95	0.496	33.01	-6.06
		2680.0	-0.40	1/49	27.07	26.67	0.465	33.01	-6.34
		2593.0	-0.40	1/49	26.58	26.18	0.415	33.01	-6.83
	QPSK	2593.0	-0.40	1/25	25.16	24.76	0.299	33.01	-8.25
		2593.0	-0.40	1/49	23.02	22.62	0.183	33.01	-10.39
		2506.5	-0.40	1/32	27.26	26.86	0.485	33.01	-6.15
		2593.0	-0.40	1/32	27.44	27.04	0.506	33.01	-5.97
		2677.5	-0.40	1/32	27.25	26.85	0.484	33.01	-6.16
25 MHz	n/2 BPSK	2506.5	-0.40	1/63	27.46	27.06	0.508	33.01	-5.95
		2593.0	-0.40	1/32	27.39	26.99	0.501	33.01	-6.02
		2677.5	-0.40	1/32	27.40	27.00	0.501	33.01	-6.01
		2593.0	-0.40	1/63	26.71	26.31	0.427	33.01	-6.70
		2593.0	-0.40	1/32	25.12	24.72	0.297	33.01	-8.29
	QPSK	2593.0	-0.40	1/32	23.04	22.64	0.184	33.01	-10.37
		2511.0	-0.40	1/36	27.30	26.90	0.490	33.01	-6.11
		2593.0	-0.40	1/36	27.40	27.00	0.501	33.01	-6.01
		2670.0	-0.40	1/76	27.31	26.91	0.491	33.01	-6.10
		2511.0	-0.40	1/76	27.25	26.85	0.484	33.01	-6.16
30 MHz	n/2 BPSK	2593.0	-0.40	1/76	27.36	26.96	0.496	33.01	-6.05
		2675.0	-0.40	1/76	27.33	26.93	0.493	33.01	-6.08
		2593.0	-0.40	1/76	26.68	26.28	0.425	33.01	-6.73
		2593.0	-0.40	1/76	25.99	24.69	0.294	33.01	-8.32
		2593.0	-0.40	1/76	23.05	22.65	0.184	33.01	-10.38
	QPSK	2513.5	-0.40	1/90	27.45	27.05	0.507	33.01	-5.96
		2593.0	-0.40	1/90	27.39	26.99	0.500	33.01	-6.02
		2675.5	-0.40	1/90	27.15	26.75	0.473	33.01	-6.25
		2513.5	-0.40	1/90	27.46	27.06	0.508	33.01	-5.95
		2593.0	-0.40	1/45	27.35	26.95	0.495	33.01	-6.06
35 MHz	n/2 BPSK	2672.5	-0.40	1/90	27.33	26.93	0.493	33.01	-6.08
		2513.5	-0.40	1/90	26.53	26.13	0.410	33.01	-6.88
		2513.5	-0.40	1/90	25.16	24.76	0.300	33.01	-8.25
		2513.5	-0.40	1/90	23.12	22.72	0.187	33.01	-10.29
		2516.0	-0.40	1/104	27.42	27.02	0.503	33.01	-5.99
	QPSK	2593.0	-0.40	1/50	27.38	26.98	0.498	33.01	-6.04
		2670.0	-0.40	1/104	27.37	26.97	0.496	33.01	-6.04
		2516.0	-0.40	1/104	27.52	27.12	0.515	33.01	-5.89
		2593.0	-0.40	1/104	27.34	26.94	0.495	33.01	-6.07
		2670.0	-0.40	1/104	27.37	26.97	0.498	33.01	-6.04
40 MHz	n/2 BPSK	2516.0	-0.40	1/104	26.54	26.14	0.411	33.01	-6.87
		2516.0	-0.40	1/104	25.25	24.85	0.306	33.01	-8.18
		2516.0	-0.40	1/104	23.15	22.75	0.188	33.01	-10.26
		2516.5	-0.40	1/117	27.45	27.05	0.507	33.01	-5.96
		2593.0	-0.40	1/54	27.29	26.89	0.489	33.01	-6.12
	QPSK	2667.5	-0.40	1/117	27.27	26.87	0.486	33.01	-6.14
		2516.5	-0.40	1/117	27.59	27.19	0.524	33.01	-5.82
		2593.0	-0.40	1/54	27.34	26.94	0.495	33.01	-6.07
		2667.5	-0.40	1/117	27.34	26.94	0.494	33.01	-6.07
		2516.5	-0.40	1/117	26.45	26.05	0.402	33.01	-6.96
45 MHz	n/2 BPSK	2516.5	-0.40	1/117	25.08	24.68	0.294	33.01	-8.33
		2516.5	-0.40	1/117	23.13	22.73	0.188	33.01	-10.28
		2521.0	-0.40	1/131	27.18	26.78	0.476	33.01	-6.23
		2593.0	-0.40	1/64	27.34	26.94	0.494	33.01	-6.07
		2665.0	-0.40	1/131	27.29	26.89	0.489	33.01	-6.12
	QPSK	2521.0	-0.40	1/131	27.34	26.94	0.494	33.01	-6.08
		2593.0	-0.40	1/64	27.36	26.96	0.497	33.01	-6.05
		2665.0	-0.40	1/64	27.23	26.83	0.482	33.01	-6.18
		2593.0	-0.40	1/64	26.56	26.16	0.413	33.01	-6.85
		2593.0	-0.40	1/64	25.23	24.83	0.304	33.01	-8.18
50 MHz	n/2 BPSK	2521.0	-0.40	1/131	22.96	22.56	0.180	33.01	-10.45
		2526.0	-0.40	1/81	27.43	27.03	0.505	33.01	-5.98
		2593.0	-0.40	1/81	27.30	26.90	0.489	33.01	-6.11
		2660.0	-0.40	1/160	27.24	26.84	0.483	33.01	-6.17
		2526.0	-0.40	1/160	27.35	26.95	0.495	33.01	-6.06
	QPSK	2593.0	-0.40	1/160	27.29	26.89	0.488	33.01	-6.12
		2660.0	-0.40	1/160	27.32	26.92	0.492	33.01	-6.09
		2526.0	-0.40	1/160	26.59	26.19	0.416	33.01	-6.82
		2526.0	-0.40	1/81	25.07	24.67	0.293	33.01	-8.34
		2526.0	-0.40	1/160	23.05	22.65	0.184	33.01	-10.38
60 MHz	n/2 BPSK	2531.0	-0.40	1/90	27.46	27.06	0.508	33.01	-5.95
		2593.0	-0.40	1/90	27.30	26.90	0.490	33.01	-6.11
		2655.0	-0.40	1/90	27.08	26.68	0.485	33.01	-6.33
		2531.0	-0.40	1/187	27.28	26.88	0.488	33.01	-6.13
		2593.0	-0.40	1/187	27.48	27.08	0.511	33.01	-5.93
	QPSK	2655.0	-0.40	1/90	27.26	26.86	0.485	33.01	-6.15
		2531.0	-0.40	1/90	26.62	26.22	0.419	33.01	-6.79
		2531.0	-0.40	1/90	25.26	24.86	0.306	33.01	-8.16
		2593.0	-0.40	1/187	23.10	22.70	0.186	33.01	-10.31
		2536.0	-0.40	1/215	27.38	26.98	0.499	33.01	-6.03
80 MHz	n/2 BPSK	2593.0	-0.40	1/215	27.41	27.01	0.503	33.01	-6.00
		2650.0	-0.40	1/108	27.14	26.74	0.472	33.01	-6.27
		2536.0	-0.40	1/108	27.51	27.11	0.514	33.01	-5.90
		2593.0	-0.40	1/108	27.41	27.01	0.503	33.01	-6.00
		2650.0	-0.40	1/108	27.17	26.77	0.476	33.01	-6.24
	QPSK	2536.0	-0.40	1/108	26.59	26.19	0.416	33.01	-6.82
		2593.0	-0.40	1/215	25.20	24.80	0.302	33.01	-8.21
		2536.0	-0.40	1/108	23.14	22.74	0.188	33.01	-10.27
		2541.0	-0.40	1/120	27.46	27.06	0.508	33.01	-5.95
		2593.0	-0.40	1/120	27.36	26.96	0.497	33.01	-6.05
90 MHz	n/2 BPSK	2645.0	-0.40	1/120	27.21	26.81	0.479	33.01	-6.20
		2541.0	-0.40	1/120	27.50	27.10	0.513	33.01	-5.91
		2593.0	-0.40	1/243	27.35	26.95	0.495	33.01	-6.06
		2645.0	-0.40	1/120	27.38	26.98	0.499	33.01	-6.03
		2541.0	-0.40	1/120	26.42	26.02	0.400	33.01	-6.96
	QPSK	2541.0	-0.40	1/120	25.07	24.67	0.293	33.01	-8.34
		2541.0	-0.40	1/120	23.22	22.82	0.191	33.01	-10

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	11/2 BPSK	2501.0	-0.40	1/12	25.21	24.81	0.303	33.01	-8.20
		2593.0	-0.40	1/12	25.14	24.74	0.298	33.01	-8.27
		2685.0	-0.40	1/12	25.18	24.78	0.301	33.01	-8.23
		2501.0	-0.40	1/12	25.25	24.85	0.306	33.01	-8.16
	QPSK	2593.0	-0.40	1/12	25.25	24.85	0.305	33.01	-8.16
		2685.0	-0.40	1/12	25.28	24.88	0.308	33.01	-8.13
		2501.0	-0.40	1/12	24.11	23.71	0.235	33.01	-9.30
		2593.0	-0.40	1/12	22.87	22.47	0.178	33.01	-10.54
	16-QAM	2682.5	-0.40	1/18	25.14	24.74	0.298	33.01	-8.27
		2501.0	-0.40	1/22	20.92	20.52	0.113	33.01	-12.49
		2503.5	-0.40	1/36	25.26	24.86	0.306	33.01	-8.15
		2593.0	-0.40	1/36	25.10	24.70	0.295	33.01	-8.31
15 MHz	11/2 BPSK	2682.5	-0.40	1/18	25.14	24.74	0.298	33.01	-8.27
		2503.5	-0.40	1/36	25.33	24.93	0.311	33.01	-8.08
		2593.0	-0.40	1/18	25.25	24.85	0.305	33.01	-8.16
		2682.5	-0.40	1/36	25.24	24.84	0.305	33.01	-8.17
	QPSK	2682.5	-0.40	1/36	24.32	23.92	0.247	33.01	-9.08
		2503.5	-0.40	1/36	22.83	22.43	0.175	33.01	-10.58
		2503.5	-0.40	1/36	20.96	20.56	0.114	33.01	-12.45
		2506.0	-0.40	1/49	25.32	24.92	0.310	33.01	-8.09
	16-QAM	2593.0	-0.40	1/49	25.16	24.76	0.299	33.01	-8.25
		2680.0	-0.40	1/49	25.17	24.77	0.300	33.01	-8.24
		2506.0	-0.40	1/49	25.37	24.97	0.314	33.01	-8.04
		2506.0	-0.40	1/49	25.24	24.84	0.305	33.01	-8.17
20 MHz	11/2 BPSK	2680.0	-0.40	1/49	25.24	24.84	0.305	33.01	-8.17
		2506.0	-0.40	1/49	25.24	24.84	0.305	33.01	-8.17
		2506.0	-0.40	1/25	24.36	23.96	0.249	33.01	-9.05
		2506.0	-0.40	1/49	22.82	22.42	0.175	33.01	-10.59
	QPSK	2506.0	-0.40	1/49	21.04	20.64	0.116	33.01	-12.37
		2508.5	-0.40	1/32	25.26	24.86	0.306	33.01	-8.15
		2593.0	-0.40	1/32	25.17	24.77	0.300	33.01	-8.24
		2677.5	-0.40	1/32	25.09	24.69	0.294	33.01	-8.32
	16-QAM	2508.5	-0.40	1/63	25.31	24.91	0.310	33.01	-8.10
		2593.0	-0.40	1/63	25.21	24.81	0.303	33.01	-8.20
		2677.5	-0.40	1/32	25.18	24.78	0.301	33.01	-8.23
		2508.5	-0.40	1/63	24.12	23.72	0.236	33.01	-9.29
25 MHz	11/2 BPSK	2593.0	-0.40	1/32	22.76	22.36	0.172	33.01	-10.66
		2511.0	-0.40	1/32	20.92	20.52	0.113	33.01	-12.49
		2508.5	-0.40	1/63	24.12	23.72	0.236	33.01	-9.29
		2593.0	-0.40	1/32	22.76	22.36	0.172	33.01	-10.66
	QPSK	2508.5	-0.40	1/63	20.92	20.52	0.113	33.01	-12.49
		2511.0	-0.40	1/76	25.34	24.94	0.312	33.01	-8.07
		2593.0	-0.40	1/36	25.17	24.77	0.300	33.01	-8.24
		2675.0	-0.40	1/76	25.30	24.90	0.309	33.01	-8.11
	16-QAM	2511.0	-0.40	1/76	25.42	25.02	0.318	33.01	-7.99
		2593.0	-0.40	1/76	25.27	24.87	0.307	33.01	-8.14
		2675.0	-0.40	1/76	25.23	24.83	0.304	33.01	-8.18
		2511.0	-0.40	1/76	24.35	23.95	0.248	33.01	-9.06
30 MHz	11/2 BPSK	2511.0	-0.40	1/76	21.03	20.63	0.116	33.01	-12.38
		2513.5	-0.40	1/45	25.31	24.91	0.310	33.01	-8.10
		2593.0	-0.40	1/45	25.17	24.77	0.300	33.01	-8.24
		2672.5	-0.40	1/90	25.16	24.76	0.299	33.01	-8.25
	QPSK	2672.5	-0.40	1/90	25.21	24.81	0.303	33.01	-8.20
		2513.5	-0.40	1/90	25.38	24.98	0.315	33.01	-8.03
		2593.0	-0.40	1/45	25.22	24.82	0.303	33.01	-8.19
		2672.5	-0.40	1/90	25.21	24.81	0.303	33.01	-8.20
	16-QAM	2513.5	-0.40	1/45	22.84	22.44	0.175	33.01	-10.57
		2513.5	-0.40	1/45	21.00	20.60	0.115	33.01	-12.41
		2516.0	-0.40	1/50	25.26	24.86	0.308	33.01	-8.13
		2593.0	-0.40	1/104	25.20	24.80	0.302	33.01	-8.21
35 MHz	11/2 BPSK	2670.0	-0.40	1/104	25.19	24.79	0.301	33.01	-8.22
		2516.0	-0.40	1/104	25.42	25.02	0.317	33.01	-7.99
		2593.0	-0.40	1/104	25.27	24.87	0.307	33.01	-8.14
		2670.0	-0.40	1/104	25.22	24.82	0.303	33.01	-8.19
	QPSK	2516.0	-0.40	1/104	24.24	23.84	0.242	33.01	-9.17
		2516.0	-0.40	1/104	22.89	22.49	0.178	33.01	-10.52
		2516.0	-0.40	1/104	20.96	20.56	0.114	33.01	-12.45
		2516.5	-0.40	1/54	25.32	24.92	0.311	33.01	-8.09
	16-QAM	2593.0	-0.40	1/54	25.09	24.69	0.294	33.01	-8.32
		2667.5	-0.40	1/117	25.06	24.66	0.292	33.01	-8.35
		2516.5	-0.40	1/117	25.07	24.67	0.294	33.01	-8.34
		2667.5	-0.40	1/117	25.18	24.78	0.301	33.01	-8.23
40 MHz	11/2 BPSK	2518.5	-0.40	1/117	24.45	24.05	0.254	33.01	-9.96
		2518.5	-0.40	1/117	22.84	22.44	0.175	33.01	-10.57
		2518.5	-0.40	1/54	20.97	20.57	0.114	33.01	-12.44
		2521.0	-0.40	1/64	25.30	24.90	0.309	33.01	-8.11
	QPSK	2593.0	-0.40	1/64	25.12	24.72	0.298	33.01	-8.29
		2665.0	-0.40	1/131	25.00	24.60	0.288	33.01	-8.41
		2521.0	-0.40	1/64	25.34	24.94	0.312	33.01	-8.07
		2593.0	-0.40	1/64	25.30	24.90	0.309	33.01	-8.11
	16-QAM	2665.0	-0.40	1/131	25.06	24.66	0.292	33.01	-8.35
		2521.0	-0.40	1/64	24.19	23.79	0.239	33.01	-9.22
		2521.0	-0.40	1/64	22.83	22.43	0.175	33.01	-10.58
		2521.0	-0.40	1/64	21.08	20.68	0.117	33.01	-12.33
45 MHz	11/2 BPSK	2526.0	-0.40	1/81	25.23	24.83	0.304	33.01	-8.18
		2593.0	-0.40	1/160	25.12	24.72	0.297	33.01	-8.29
		2660.0	-0.40	1/160	25.21	24.81	0.303	33.01	-8.20
		2526.0	-0.40	1/160	25.27	24.87	0.307	33.01	-8.14
	QPSK	2593.0	-0.40	1/81	25.29	24.89	0.309	33.01	-8.12
		2660.0	-0.40	1/160	25.20	24.80	0.302	33.01	-8.21
		2526.0	-0.40	1/81	24.22	23.82	0.241	33.01	-9.19
		2526.0	-0.40	1/81	22.84	22.44	0.175	33.01	-10.57
	16-QAM	2526.0	-0.40	1/81	20.94	20.54	0.113	33.01	-12.47
		2531.0	-0.40	1/187	25.14	24.74	0.298	33.01	-8.27
		2593.0	-0.40	1/187	25.18	24.78	0.301	33.01	-8.23
		2665.0	-0.40	1/187	25.14	24.74	0.298	33.01	-8.27
70 MHz	11/2 BPSK	2531.0	-0.40	1/90	25.31	24.91	0.309	33.01	-8.11
		2665.0	-0.40	1/90	24.06	23.66	0.232	33.01	-9.35
		2531.0	-0.40	1/90	22.82	22.42	0.175	33.01	-10.59
		2531.0	-0.40	1/90	21.09	20.69	0.117	33.01	-12.32
	QPSK	2536.0	-0.40	1/108	25.26	24.86	0.306	33.01	-8.15
		2593.0	-0.40	1/108	25.16	24.76	0.299	33.01	-8.25
		2650.0	-0.40	1/215	25.21	24.81	0.303	33.01	-8.20
		2536.0	-0.40	1/108	25.31	24.91	0.310	33.01	-8.10
	16-QAM	2593.0	-0.40	1/215	25.27	24.87	0.307	33.01	-8.14
		2536.0	-0.40	1/108	24.59	24.19	0.262	33.01	-8.83
		2593.0	-0.40	1/108	23.23	22.83	0.192	33.01	-10.18
		2536.0	-0.40	1/108	20.98	20.58	0.114	33.01	-12.43
80 MHz	11/2 BPSK	2541.0	-0.40	1/120	25.35	24.95	0.313	33.01	-8.06
		2593.0	-0.40	1/120	25.10	24.70	0.295	33.01	-8.31
		2645.0	-0.40	1/243	25.17	24.77	0.300	33.01	-8.24
		2541.0	-0.40	1/120	25.49	25.09	0.323	33.01	-7.92
	QPSK	2593.0	-0.40	1/243	25.18	24.78	0.301	33.01	-8.23
		2645.0	-0.40	1/243	25.18	24.78	0.300	33.01	-8.23
		2541.0	-0.40	1/120	24.44	24.04	0.253	33.01	-9.97
		2541.0	-0.40	1/120	21.01	20.61	0.116	33.01	-12.40
	16-QAM	2541.0	-0.40	1/135	25.44	25.04	0.324	33.01	-7.87
		2593.0	-0.40	1/135	25.18	24.78	0.301	33.01	-8.23
		2640.0	-0.40	1/1271	25.14	24.74	0.298	33.01	-8.27
		2546.0	-0.40	1/135	25.32	24.92	0.310	33.01	-8.09
90 MHz	11/2 BPSK	2546.0	-0.40	1/135	25.10	24.70	0.295	33.01	-8.31
		2640.0	-0.40	1/135	25.14	24.74	0.298	33.01	-8.27
		2546.0	-0.40	1/135	24.47	24.07	0.256	33.01	-9.84
		2593.0	-0.40	1/135	23.12	22.72	0.187	33.01	-10.29
	QPSK	2546.0	-0.40	1/135	23.12	22.72	0.187	33.01	-10.29
		2640.0	-0.40	1/135	25.18	24.78	0.301	33.01	-8.23
		2546.0	-0.40	1/135	25.14	24.74	0.298	33.01	-8.27
		2546.0	-0.40	1/135	25.32	24.92	0.310	33.01	-8.09
	16-QAM	2546.0	-0.40	1/135	25.18	24.78	0.301	33.01	-8.23
		2593.0	-0.40	1/135	25.14	24.74	0.298	33.01	-8.27
		2546.0	-0.40	1/135	24.47	24.07	0.256	33.01	-9.84
		2593.0	-0.40	1/135	23.12	22.72	0.187	33.01	-10.29

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	UL # RB	UL RB Offset	Modulation	UL Channel	UL	UL # RB	UL RB Offset								
					Frequency					Frequency										
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	25.12	-0.60	24.52	0.283	33.01	-8.49		
				21100	2535.0	1	99		21298	2554.8	1	0	25.02	-0.60	24.42	0.277	33.01	-8.59		
				21350	2560.0	1	0		21152	2540.2	1	99	24.99	-0.60	24.39	0.275	33.01	-8.62		
			QPSK	20850	2510	100	0	QPSK	21048	2529.8	100	0	24.35	-0.60	23.75	0.237	33.01	-9.26		
				16-QAM	20850	2510	100		0	16-QAM	21048	2529.8	100	0	23.37	-0.60	22.77	0.189	33.01	-10.24
				64-QAM	20850	2510	100		0	64-QAM	21048	2529.8	100	0	22.33	-0.60	21.73	0.149	33.01	-11.28
			256-QAM	20850	2510	100	0	256-QAM	21048	2529.8	100	0	20.27	-0.60	19.67	0.093	33.01	-13.34		

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

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	26.83	-0.40	26.43	0.440	33.01	-6.58
				39790	2510.0	1	99		39988	2529.8	1	0	27.02	-0.40	26.62	0.459	33.01	-6.39
				40620	2593.0	1	99		40818	2612.8	1	0	27.99	-0.40	27.19	0.524	33.01	-5.82
				41490	2680.0	1	0		41292	2660.2	1	99	26.73	-0.40	26.33	0.430	33.01	-6.68
				QPSK	40620	2593	100		0	QPSK	40818	2612.8	100	0	26.83	-0.40	26.43	0.440
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	25.84	-0.40	25.44	0.350	33.01	-7.54
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	24.93	-0.40	24.53	0.284	33.01	-8.48
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	21.87	-0.40	21.47	0.140	33.01	-11.54

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

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	24.43	-0.40	24.03	0.253	33.01	-8.88
				39790	2510.0	1	99		39988	2529.8	1	0	24.53	-0.40	24.13	0.259	33.01	-8.88
				40620	2593.0	1	99		40818	2612.8	1	0	25.47	-0.40	25.07	0.321	33.01	-7.94
				41490	2680.0	1	0		41292	2660.2	1	99	24.41	-0.40	24.01	0.252	33.01	-9.00
				QPSK	40620	2593	100		0	QPSK	40818	2612.8	100	0	24.63	-0.40	24.23	0.265
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.65	-0.40	23.25	0.211	33.01	-9.76
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.68	-0.40	22.28	0.169	33.01	-10.73
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.61	-0.40	19.21	0.083	33.01	-13.80

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.5.2 Antenna 1 - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-0.80	1 / 24	23.87	23.07	0.203	23.98	-0.91
		2310.0	-0.80	1 / 24	23.88	23.08	0.203	23.98	-0.90
		2312.5	-0.80	1 / 0	23.70	22.90	0.195	23.98	-1.08
	16-QAM	2307.5	-0.80	1 / 24	23.28	22.48	0.177	23.98	-1.50
	64-QAM	2312.5	-0.80	1 / 24	22.00	21.20	0.132	23.98	-2.78
	256-QAM	2312.5	-0.80	25 / 0	19.32	18.52	0.071	23.98	-5.46
10 MHz	QPSK	2310.0	-0.80	1 / 0	23.72	22.92	0.196	23.98	-1.06
	16-QAM	2310.0	-0.80	1 / 0	23.01	22.21	0.166	23.98	-1.77
	64-QAM	2310.0	-0.80	1 / 25	22.04	21.24	0.133	23.98	-2.74
	256-QAM	2310.0	-0.80	50 / 0	19.31	18.51	0.071	23.98	-5.47

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

FCC ID: BCGA3358	 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	1.20	1 / 24	23.87	25.07	0.321	33.01	-7.94
		2535.0	1.20	1 / 24	23.89	25.09	0.323	33.01	-7.92
		2567.5	1.20	1 / 24	23.65	24.85	0.305	33.01	-8.16
	16-QAM	2502.5	1.20	1 / 0	23.28	24.48	0.281	33.01	-8.53
	64-QAM	2502.5	1.20	1 / 12	22.02	23.22	0.210	33.01	-9.79
	256-QAM	2502.5	1.20	25 / 0	19.25	20.45	0.111	33.01	-12.56
10 MHz	QPSK	2505.0	1.20	1 / 49	23.85	25.05	0.320	33.01	-7.96
		2535.0	1.20	1 / 0	23.80	25.00	0.316	33.01	-8.01
		2565.0	1.20	1 / 0	23.60	24.80	0.302	33.01	-8.21
	16-QAM	2505.0	1.20	1 / 49	23.21	24.41	0.276	33.01	-8.60
	64-QAM	2505.0	1.20	1 / 49	22.21	23.41	0.219	33.01	-9.60
	256-QAM	2505.0	1.20	50 / 0	19.38	20.58	0.114	33.01	-12.43
15 MHz	QPSK	2507.5	1.20	1 / 0	23.89	25.09	0.323	33.01	-7.92
		2535.0	1.20	1 / 0	23.74	24.94	0.312	33.01	-8.07
		2562.5	1.20	1 / 0	23.58	24.78	0.301	33.01	-8.23
	16-QAM	2535.0	1.20	1 / 0	23.08	24.28	0.268	33.01	-8.73
	64-QAM	2535.0	1.20	1 / 0	21.92	23.12	0.205	33.01	-9.89
	256-QAM	2507.5	1.20	75 / 0	19.32	20.52	0.113	33.01	-12.49
20 MHz	QPSK	2510.0	1.20	1 / 0	23.87	25.07	0.321	33.01	-7.94
		2535.0	1.20	1 / 0	23.56	24.76	0.299	33.01	-8.25
		2560.0	1.20	1 / 0	23.71	24.91	0.310	33.01	-8.10
	16-QAM	2535.0	1.20	1 / 0	23.11	24.31	0.270	33.01	-8.70
	64-QAM	2535.0	1.20	1 / 0	21.94	23.14	0.206	33.01	-9.87
	256-QAM	2510.0	1.20	100 / 0	19.28	20.48	0.112	33.01	-12.53

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	1.30	1 / 12	28.23	29.53	0.897	33.01	-3.48
		2593.0	1.30	1 / 24	28.52	29.82	0.959	33.01	-3.19
		2687.5	1.30	1 / 24	28.24	29.54	0.899	33.01	-3.47
	16-QAM	2593.0	1.30	1 / 24	28.00	29.30	0.851	33.01	-3.71
	64-QAM	2593.0	1.30	1 / 12	27.01	28.31	0.678	33.01	-4.70
	256-QAM	2593.0	1.30	25 / 0	24.08	25.38	0.345	33.01	-7.63
10 MHz	QPSK	2501.0	1.30	1 / 25	28.27	29.57	0.906	33.01	-3.44
		2593.0	1.30	1 / 25	28.48	29.78	0.951	33.01	-3.23
		2685.0	1.30	1 / 49	28.21	29.51	0.893	33.01	-3.50
	16-QAM	2593.0	1.30	1 / 49	27.96	29.26	0.843	33.01	-3.75
	64-QAM	2593.0	1.30	1 / 49	26.99	28.29	0.675	33.01	-4.72
	256-QAM	2593.0	1.30	50 / 0	24.13	25.43	0.349	33.01	-7.58
15 MHz	QPSK	2503.5	1.30	1 / 37	28.15	29.45	0.881	33.01	-3.56
		2593.0	1.30	1 / 74	28.49	29.79	0.953	33.01	-3.22
		2682.5	1.30	1 / 74	28.20	29.50	0.891	33.01	-3.51
	16-QAM	2593.0	1.30	1 / 37	27.95	29.25	0.841	33.01	-3.76
	64-QAM	2593.0	1.30	1 / 74	26.86	28.16	0.655	33.01	-4.85
	256-QAM	2593.0	1.30	75 / 0	24.06	25.36	0.344	33.01	-7.65
20 MHz	QPSK	2506.0	1.30	1 / 50	28.22	29.52	0.895	33.01	-3.49
		2593.0	1.30	1 / 50	28.46	29.76	0.946	33.01	-3.25
		2680.0	1.30	1 / 50	28.21	29.51	0.893	33.01	-3.50
	16-QAM	2593.0	1.30	1 / 50	28.01	29.31	0.853	33.01	-3.70
	64-QAM	2593.0	1.30	1 / 99	27.03	28.33	0.681	33.01	-4.68
	256-QAM	2593.0	1.30	100 / 0	24.04	25.34	0.342	33.01	-7.67

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	1.30	1 / 12	25.48	26.78	0.476	33.01	-6.23
		2593.0	1.30	1 / 24	25.29	26.59	0.456	33.01	-6.42
		2687.5	1.30	1 / 24	25.55	26.85	0.484	33.01	-6.16
	16-QAM	2687.5	1.30	1 / 24	24.75	26.05	0.403	33.01	-6.96
	64-QAM	2687.5	1.30	1 / 12	23.65	24.95	0.313	33.01	-8.06
	256-QAM	2687.5	1.30	25 / 0	20.98	22.28	0.169	33.01	-10.73
10 MHz	QPSK	2501.0	1.30	1 / 25	25.47	26.77	0.475	33.01	-6.24
		2593.0	1.30	1 / 25	25.29	26.59	0.456	33.01	-6.42
		2685.0	1.30	1 / 49	25.50	26.80	0.479	33.01	-6.21
	16-QAM	2685.0	1.30	1 / 49	24.77	26.07	0.405	33.01	-6.94
	64-QAM	2685.0	1.30	1 / 25	23.59	24.89	0.308	33.01	-8.12
	256-QAM	2685.0	1.30	50 / 0	20.98	22.28	0.169	33.01	-10.73
15 MHz	QPSK	2503.5	1.30	1 / 37	25.17	26.47	0.444	33.01	-6.54
		2593.0	1.30	1 / 74	25.23	26.53	0.450	33.01	-6.48
		2682.5	1.30	1 / 74	25.42	26.72	0.470	33.01	-6.29
	16-QAM	2682.5	1.30	1 / 37	24.59	25.89	0.388	33.01	-7.12
	64-QAM	2682.5	1.30	1 / 37	23.54	24.84	0.305	33.01	-8.17
	256-QAM	2682.5	1.30	75 / 0	20.95	22.25	0.168	33.01	-10.76
20 MHz	QPSK	2506.0	1.30	1 / 50	25.33	26.63	0.460	33.01	-6.38
		2593.0	1.30	1 / 50	25.16	26.46	0.443	33.01	-6.55
		2680.0	1.30	1 / 50	25.31	26.61	0.458	33.01	-6.40
	16-QAM	2680.0	1.30	1 / 99	24.42	25.72	0.373	33.01	-7.29
	64-QAM	2680.0	1.30	1 / 50	23.49	24.79	0.301	33.01	-8.22
	256-QAM	2680.0	1.30	100 / 0	20.85	22.15	0.164	33.01	-10.86

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 244 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	-0.80	25 / 0	23.81	23.01	0.200	23.98	-0.97
		2310.0	-0.80	25 / 0	23.76	22.96	0.198	23.98	-1.02
		2312.5	-0.80	25 / 0	23.78	22.98	0.199	23.98	-0.99
	QPSK	2307.5	-0.80	1 / 12	23.81	23.01	0.200	23.98	-0.97
		2310.0	-0.80	1 / 12	23.77	22.97	0.198	23.98	-1.01
		2312.5	-0.80	1 / 1	23.75	22.95	0.197	23.98	-1.03
	16-QAM	2307.5	-0.80	1 / 12	22.67	21.87	0.154	23.98	-2.11
	64-QAM	2307.5	-0.80	25 / 0	22.57	21.77	0.150	23.98	-2.21
	256-QAM	2310.0	-0.80	25 / 0	20.59	19.79	0.095	23.98	-4.19
10 MHz	$\pi/2$ BPSK	2310.0	-0.80	50 / 0	23.80	23.00	0.199	23.98	-0.98
	QPSK	2310.0	-0.80	1 / 25	23.74	22.94	0.197	23.98	-1.03
	16-QAM	2310.0	-0.80	1 / 25	23.29	22.49	0.178	23.98	-1.49
	64-QAM	2310.0	-0.80	50 / 0	22.51	21.71	0.148	23.98	-2.27
	256-QAM	2310.0	-0.80	50 / 0	20.57	19.77	0.095	23.98	-4.21

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 245 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	23.75	24.95	0.313	33.01	-8.06
		2536.0	1.20	1 / 12	23.77	24.97	0.314	33.01	-8.04
		2567.5	1.20	25 / 0	23.72	24.92	0.310	33.01	-8.09
	QPSK	2502.5	1.20	1 / 12	23.79	24.99	0.316	33.01	-8.02
		2535.0	1.20	1 / 12	23.79	24.99	0.316	33.01	-8.02
		2567.5	1.20	1 / 1	23.87	25.07	0.321	33.01	-7.94
	16-QAM	2502.5	1.20	1 / 12	22.70	23.90	0.246	33.01	-9.11
	64-QAM	2502.5	1.20	25 / 0	21.80	23.00	0.199	33.01	-10.01
10 MHz	π/2 BPSK	2502.5	1.20	25 / 0	19.87	21.07	0.128	33.01	-11.94
		2505.0	1.20	50 / 0	23.89	25.09	0.323	33.01	-7.92
		2535.0	1.20	50 / 0	23.81	25.01	0.317	33.01	-8.00
	QPSK	2565.0	1.20	50 / 0	23.77	24.97	0.314	33.01	-8.04
		2505.0	1.20	1 / 50	23.94	25.14	0.326	33.01	-7.87
		2535.0	1.20	1 / 1	23.84	25.04	0.319	33.01	-7.97
	16-QAM	2565.0	1.20	1 / 25	23.77	24.97	0.314	33.01	-8.04
		2535.0	1.20	1 / 50	22.66	23.86	0.243	33.01	-9.15
15 MHz	π/2 BPSK	2505.0	1.20	50 / 0	21.89	23.09	0.204	33.01	-9.92
		2505.0	1.20	50 / 0	19.87	21.07	0.128	33.01	-11.94
		2505.0	1.20	50 / 0	19.87	21.07	0.128	33.01	-11.94
	QPSK	2507.5	1.20	75 / 0	23.82	25.02	0.318	33.01	-7.99
		2535.0	1.20	75 / 0	23.73	24.93	0.311	33.01	-8.08
		2562.5	1.20	1 / 77	23.70	24.90	0.309	33.01	-8.12
	16-QAM	2507.5	1.20	1 / 77	23.77	24.97	0.314	33.01	-8.04
		2535.0	1.20	1 / 77	23.62	24.82	0.303	33.01	-8.19
20 MHz	π/2 BPSK	2535.0	1.20	1 / 77	22.63	23.83	0.241	33.01	-9.19
		2507.5	1.20	75 / 0	21.84	23.04	0.201	33.01	-9.97
		2507.5	1.20	75 / 0	19.79	20.99	0.126	33.01	-12.02
	QPSK	2510.0	1.20	100 / 0	23.73	24.93	0.311	33.01	-8.08
		2535.0	1.20	100 / 0	23.75	24.95	0.313	33.01	-8.06
		2560.0	1.20	100 / 0	23.80	25.00	0.316	33.01	-8.01
	16-QAM	2510.0	1.20	1 / 104	23.86	25.06	0.320	33.01	-7.95
		2535.0	1.20	1 / 1	23.80	25.00	0.316	33.01	-8.01
25 MHz	π/2 BPSK	2560.0	1.20	1 / 1	23.79	24.99	0.316	33.01	-8.02
		2510.0	1.20	1 / 104	22.66	23.86	0.243	33.01	-9.15
		2560.0	1.20	100 / 0	21.81	23.01	0.200	33.01	-10.00
	QPSK	2510.0	1.20	100 / 0	19.75	20.95	0.125	33.01	-12.06
		2512.5	1.20	128 / 0	23.68	24.88	0.308	33.01	-8.13
		2535.0	1.20	128 / 0	23.68	24.88	0.308	33.01	-8.13
	16-QAM	2557.5	1.20	128 / 0	23.74	24.94	0.312	33.01	-8.07
		2512.5	1.20	1 / 64	23.65	24.85	0.306	33.01	-8.16
30 MHz	π/2 BPSK	2535.0	1.20	1 / 1	23.68	24.88	0.308	33.01	-8.13
		2557.5	1.20	1 / 64	23.66	24.86	0.306	33.01	-8.15
		2512.5	1.20	1 / 64	22.57	23.77	0.238	33.01	-9.24
	QPSK	2557.5	1.20	128 / 0	21.91	23.11	0.204	33.01	-9.90
		2557.5	1.20	128 / 0	19.86	21.06	0.128	33.01	-11.95
		2515.0	1.20	160 / 0	23.79	24.99	0.316	33.01	-8.02
	16-QAM	2535.0	1.20	1 / 1	23.85	25.05	0.320	33.01	-7.96
		2555.0	1.20	1 / 1	23.79	24.99	0.316	33.01	-8.02
35 MHz	π/2 BPSK	2515.0	1.20	1 / 80	23.83	25.03	0.318	33.01	-7.98
		2535.0	1.20	1 / 1	23.87	25.07	0.321	33.01	-7.94
		2555.0	1.20	1 / 1	23.82	25.02	0.318	33.01	-7.99
	QPSK	2515.0	1.20	1 / 1	22.70	23.90	0.245	33.01	-9.11
		2515.0	1.20	160 / 0	21.81	23.01	0.200	33.01	-10.00
		2515.0	1.20	160 / 0	19.79	20.99	0.126	33.01	-12.02
	16-QAM	2517.5	1.20	180 / 0	23.72	24.92	0.310	33.01	-8.09
		2535.0	1.20	180 / 0	23.68	24.88	0.307	33.01	-8.13
40 MHz	π/2 BPSK	2552.5	1.20	180 / 0	23.67	24.87	0.307	33.01	-8.14
		2517.5	1.20	1 / 90	23.79	24.99	0.315	33.01	-8.02
		2535.0	1.20	1 / 1	23.70	24.90	0.309	33.01	-8.11
	QPSK	2552.5	1.20	1 / 90	23.69	24.89	0.308	33.01	-8.12
		2517.5	1.20	1 / 90	22.58	23.78	0.239	33.01	-9.23
		2517.5	1.20	180 / 0	21.84	23.04	0.201	33.01	-9.97
	16-QAM	2517.5	1.20	180 / 0	19.85	21.05	0.127	33.01	-11.96
		2517.5	1.20	180 / 0	19.85	21.05	0.127	33.01	-11.96
50 MHz	π/2 BPSK	2520.0	1.20	216 / 0	23.88	25.08	0.322	33.01	-7.93
		2535.0	1.20	216 / 0	23.76	24.96	0.314	33.01	-8.05
		2550.0	1.20	216 / 0	23.81	25.01	0.317	33.01	-8.00
	QPSK	2520.0	1.20	1 / 214	23.81	25.01	0.317	33.01	-8.01
		2535.0	1.20	1 / 108	23.77	24.97	0.314	33.01	-8.04
		2550.0	1.20	1 / 108	23.69	24.89	0.308	33.01	-8.12
	16-QAM	2550.0	1.20	1 / 1	22.69	23.89	0.245	33.01	-9.12
		2520.0	1.20	216 / 0	22.03	23.23	0.210	33.01	-9.78
50 MHz	π/2 BPSK	2520.0	1.20	216 / 0	19.97	21.17	0.131	33.01	-11.84
		2525.0	1.20	270 / 0	23.84	25.04	0.319	33.01	-7.97
		2535.0	1.20	270 / 0	23.80	25.00	0.316	33.01	-8.01
	QPSK	2545.0	1.20	270 / 0	23.79	24.99	0.315	33.01	-8.02
		2525.0	1.20	1 / 135	23.84	25.04	0.319	33.01	-7.97
		2535.0	1.20	1 / 135	23.82	25.02	0.318	33.01	-7.99
	16-QAM	2545.0	1.20	1 / 135	23.72	24.92	0.311	33.01	-8.09
		2545.0	1.20	1 / 135	22.67	23.87	0.244	33.01	-9.14
50 MHz	64-QAM	2535.0	1.20	270 / 0	21.89	23.09	0.204	33.01	-9.92
		2525.0	1.20	270 / 0	19.83	21.03	0.127	33.01	-11.98

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

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	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]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
10 MHz	11/2 BPSK	2501.0	1.30	1/22	28.18	29.48	0.887	33.01	-3.53	
		2593.0	1.30	1/22	28.25	29.55	0.901	33.01	-3.46	
		2685.0	1.30	1/12	28.24	29.54	0.899	33.01	-3.47	
		2501.0	1.30	1/22	28.28	29.58	0.908	33.01	-3.43	
		2593.0	1.30	1/12	28.33	29.63	0.918	33.01	-3.38	
	QPSK	2685.0	1.30	1/22	28.27	29.57	0.906	33.01	-3.44	
		16-QAM	2593.0	1.30	1/12	27.12	28.42	0.895	33.01	-4.59
		64-QAM	2593.0	1.30	1/22	25.81	27.11	0.514	33.01	-5.90
		256-QAM	2593.0	1.30	1/22	24.00	25.30	0.339	33.01	-7.70
		2503.5	1.30	1/18	28.26	29.56	0.904	33.01	-3.45	
15 MHz	11/2 BPSK	2593.0	1.30	1/36	28.21	29.51	0.884	33.01	-3.50	
		2682.5	1.30	1/36	28.20	29.50	0.891	33.01	-3.51	
		2503.5	1.30	1/36	28.20	29.50	0.891	33.01	-3.51	
		2593.0	1.30	1/36	28.32	29.62	0.916	33.01	-3.39	
		2682.5	1.30	1/36	28.23	29.53	0.897	33.01	-3.48	
	QPSK	16-QAM	2593.0	1.30	1/36	27.41	28.71	0.743	33.01	-4.30
		64-QAM	2593.0	1.30	1/18	25.77	27.07	0.509	33.01	-5.94
		256-QAM	2593.0	1.30	1/36	23.92	25.22	0.333	33.01	-7.79
		2506.0	1.30	1/49	28.24	29.54	0.899	33.01	-3.47	
		2593.0	1.30	1/49	28.26	29.56	0.903	33.01	-3.45	
20 MHz	11/2 BPSK	2680.0	1.30	1/49	28.25	29.55	0.902	33.01	-3.46	
		2506.0	1.30	1/49	28.25	29.55	0.902	33.01	-3.46	
		2593.0	1.30	1/49	28.36	29.66	0.925	33.01	-3.35	
		16-QAM	2680.0	1.30	1/49	28.21	29.51	0.893	33.01	-3.50
		256-QAM	2593.0	1.30	1/49	27.21	28.51	0.710	33.01	-4.76
	QPSK	64-QAM	2593.0	1.30	1/49	25.63	27.13	0.516	33.01	-5.88
		256-QAM	2593.0	1.30	1/49	23.97	25.27	0.336	33.01	-7.74
		2508.5	1.30	1/63	28.25	29.55	0.902	33.01	-3.46	
		2593.0	1.30	1/63	28.23	29.53	0.898	33.01	-3.48	
		2677.5	1.30	1/63	28.21	29.51	0.893	33.01	-3.50	
25 MHz	11/2 BPSK	2508.5	1.30	1/63	28.18	29.48	0.887	33.01	-3.53	
		2593.0	1.30	1/63	28.30	29.60	0.912	33.01	-3.41	
		2677.5	1.30	1/32	28.22	29.52	0.895	33.01	-3.49	
		16-QAM	2593.0	1.30	1/63	27.13	28.43	0.687	33.01	-4.58
		64-QAM	2593.0	1.30	1/32	25.77	27.07	0.509	33.01	-5.95
	QPSK	256-QAM	2593.0	1.30	1/63	23.86	25.26	0.336	33.01	-7.75
		2511.0	1.30	1/76	28.27	29.57	0.906	33.01	-3.44	
		2593.0	1.30	1/76	28.35	29.65	0.922	33.01	-3.36	
		2675.0	1.30	1/76	28.34	29.64	0.920	33.01	-3.37	
		2511.0	1.30	1/76	28.21	29.51	0.893	33.01	-3.50	
30 MHz	11/2 BPSK	2593.0	1.30	1/76	28.42	29.72	0.938	33.01	-3.29	
		2675.0	1.30	1/76	28.42	29.72	0.938	33.01	-3.29	
		16-QAM	2593.0	1.30	1/76	27.51	28.81	0.760	33.01	-4.20
		64-QAM	2593.0	1.30	1/76	25.93	27.23	0.526	33.01	-5.79
		2593.0	1.30	1/76	24.07	25.37	0.345	33.01	-7.64	
	QPSK	2513.5	1.30	1/90	28.27	29.57	0.906	33.01	-3.44	
		2593.0	1.30	1/90	28.29	29.59	0.910	33.01	-3.42	
		2672.5	1.30	1/90	28.28	29.58	0.908	33.01	-3.43	
		2513.5	1.30	1/90	28.29	29.59	0.911	33.01	-3.42	
		2593.0	1.30	1/90	28.39	29.69	0.932	33.01	-3.32	
35 MHz	11/2 BPSK	2672.5	1.30	1/90	28.23	29.53	0.897	33.01	-3.48	
		16-QAM	2593.0	1.30	1/45	27.34	28.64	0.732	33.01	-4.37
		64-QAM	2593.0	1.30	1/90	25.86	27.16	0.520	33.01	-5.85
		256-QAM	2593.0	1.30	1/90	24.01	25.31	0.340	33.01	-7.70
		2516.0	1.30	1/104	28.26	29.56	0.903	33.01	-3.46	
	QPSK	2593.0	1.30	1/50	28.30	29.60	0.913	33.01	-3.41	
		2670.0	1.30	1/104	28.26	29.56	0.904	33.01	-3.45	
		16-QAM	2516.0	1.30	1/104	28.27	29.57	0.907	33.01	-3.44
		256-QAM	2593.0	1.30	1/104	28.53	29.83	0.961	33.01	-3.18
		2670.0	1.30	1/104	28.22	29.52	0.895	33.01	-3.49	
40 MHz	11/2 BPSK	2593.0	1.30	1/104	27.32	28.62	0.727	33.01	-4.39	
		64-QAM	2593.0	1.30	1/104	25.91	27.21	0.526	33.01	-5.80
		256-QAM	2593.0	1.30	1/104	24.00	25.30	0.339	33.01	-7.71
		2518.5	1.30	1/117	28.14	29.44	0.878	33.01	-3.57	
		2593.0	1.30	1/117	28.23	29.53	0.887	33.01	-3.48	
	QPSK	2667.5	1.30	1/117	28.24	29.54	0.899	33.01	-3.47	
		16-QAM	2518.5	1.30	1/117	28.20	29.50	0.892	33.01	-3.51
		256-QAM	2593.0	1.30	1/117	28.35	29.65	0.922	33.01	-3.36
		2667.5	1.30	1/117	28.21	29.51	0.893	33.01	-3.50	
		2593.0	1.30	1/117	27.15	28.45	0.699	33.01	-4.56	
45 MHz	11/2 BPSK	2593.0	1.30	1/117	25.78	27.08	0.510	33.01	-5.93	
		2593.0	1.30	1/117	23.84	25.24	0.335	33.01	-7.77	
		2521.0	1.30	1/131	28.15	29.45	0.881	33.01	-3.56	
		2593.0	1.30	1/131	28.31	29.61	0.914	33.01	-3.40	
		2665.0	1.30	1/64	28.27	29.57	0.906	33.01	-3.44	
	QPSK	2521.0	1.30	1/131	28.18	29.48	0.887	33.01	-3.53	
		2593.0	1.30	1/64	28.34	29.64	0.921	33.01	-3.37	
		2665.0	1.30	1/131	28.21	29.51	0.893	33.01	-3.50	
		2593.0	1.30	1/64	27.44	28.74	0.749	33.01	-4.27	
		2593.0	1.30	1/64	25.77	27.07	0.510	33.01	-5.94	
50 MHz	11/2 BPSK	2593.0	1.30	1/81	28.22	29.52	0.895	33.01	-3.49	
		2593.0	1.30	1/160	28.23	29.53	0.896	33.01	-3.48	
		2660.0	1.30	1/81	28.16	29.46	0.883	33.01	-3.55	
		2593.0	1.30	1/81	28.44	29.74	0.942	33.01	-3.27	
		2660.0	1.30	1/160	28.34	29.64	0.920	33.01	-3.37	
	QPSK	2660.0	1.30	1/160	28.24	29.54	0.899	33.01	-3.47	
		16-QAM	2593.0	1.30	1/160	27.18	28.48	0.704	33.01	-4.53
		64-QAM	2593.0	1.30	1/160	25.82	27.12	0.515	33.01	-5.89
		256-QAM	2593.0	1.30	1/81	24.02	25.32	0.340	33.01	-7.69
		2531.0	1.30	1/187	28.30	29.60	0.912	33.01	-3.41	
60 MHz	11/2 BPSK	2593.0	1.30	1/187	28.21	29.51	0.884	33.01	-3.50	
		2665.0	1.30	1/90	28.27	29.57	0.906	33.01	-3.44	
		2531.0	1.30	1/90	28.23	29.53	0.897	33.01	-3.48	
		2593.0	1.30	1/90	28.28	29.58	0.908	33.01	-3.43	
		2665.0	1.30	1/90	28.21	29.51	0.894	33.01	-3.50	
	QPSK	16-QAM	2665.0	1.30	1/90	27.18	28.48	0.705	33.01	-4.53
		64-QAM	2593.0	1.30	1/90	25.77	27.07	0.509	33.01	-5.94
		256-QAM	2531.0	1.30	1/90	23.92	25.22	0.333	33.01	-7.79
		2536.0	1.30	1/108	28.12	29.42	0.874	33.01	-3.59	
		2593.0	1.30	1/215	28.26	29.56	0.904	33.01	-3.45	
80 MHz	11/2 BPSK	2660.0	1.30	1/108	28.27	29.57	0.905	33.01	-3.44	
		2536.0	1.30	1/108	28.16	29.46	0.882	33.01	-3.55	
		2593.0	1.30	1/215	28.38	29.68	0.930	33.01	-3.33	
		2660.0	1.30	1/108	28.13	29.43	0.877	33.01	-3.58	
		2593.0	1.30	1/215	27.17	28.47	0.704	33.01	-4.54	
	QPSK	64-QAM	2593.0	1.30	1/108	25.88	27.18	0.522	33.01	-5.83
		256-QAM	2593.0	1.30	1/215	24.09	25.39	0.346	33.01	-7.62
		2541.0	1.30	1/120	28.29	29.59	0.899	33.01	-3.52	
		2593.0	1.30	1/243	28.30	29.60	0.911	33.01	-3.41	
		2645.0	1.30	1/120	28.22	29.52	0.896	33.01	-3.49	
90 MHz	11/2 BPSK	2541.0	1.30	1/243	28.14	29.44	0.880	33.01	-3.57	
		2593.0	1.30	1/120	28.38	29.68	0.929	33.01	-3.33	
		2645.0	1.30	1/120	28.26	29.56	0.903	33.01	-3.45	
		2593.0	1.30	1/120	27.22	28.52	0.711	33.01	-4.49	
		2544.0	1.30	1/135	28.14	29.44	0.877	33.01	-3.57	
	QPSK	2593.0	1.30	1/135	28.27	29.57	0.906	33.01	-3.44	
		2640.0	1.30	1/135	28.24	29.54	0.899	33.01	-3.47	
		2546.0	1.30	1/135	28.21	29.51	0.893	33.01	-3.50	
		2593.0	1.30	1/135	28.29	29.59	0.905	33.01	-3.42	
		2640.0	1.30	1/135	28.47	29.77	0.949	33.01	-3.24	
100 MHz	16-QAM	2546.0	1.30	1/135	27.08	28.38	0.688	33.01	-4.93	
	64-QAM	2593.0	1.30	1/135	25.80	27.10	0.513	33.01	-5.91	
	256-QAM	2546.0	1.30	1/135	24.02	25.32	0.340	33.01	-7.69	

NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
10 MHz	11/2 BPSK	2501.0	1.30	1/12	25.30	26.60	0.457	33.01	-6.41	
		2593.0	1.30	1/12	25.35	26.65	0.462	33.01	-6.36	
		2685.0	1.30	1/12	25.41	26.71	0.469	33.01	-6.30	
		2501.0	1.30	1/12	25.33	26.63	0.460	33.01	-6.38	
		2593.0	1.30	1/12	25.46	26.76	0.474	33.01	-6.25	
	QPSK	2685.0	1.30	1/12	25.51	26.81	0.479	33.01	-6.20	
		16-QAM	2685.0	1.30	1/12	24.38	25.68	0.370	33.01	-7.33
		64-QAM	2593.0	1.30	1/22	23.01	24.31	0.270	33.01	-8.70
		256-QAM	2685.0	1.30	1/22	21.22	22.52	0.179	33.01	-10.49
		2503.5	1.30	1/36	25.38	26.68	0.466	33.01	-6.33	
15 MHz	11/2 BPSK	2593.0	1.30	1/36	25.36	26.66	0.464	33.01	-6.35	
		2682.5	1.30	1/36	25.38	26.68	0.466	33.01	-6.33	
		2503.5	1.30	1/36	25.46	26.76	0.474	33.01	-6.25	
		2593.0	1.30	1/36	25.42	26.72	0.469	33.01	-6.30	
		2682.5	1.30	1/36	25.50	26.80	0.479	33.01	-6.21	
	QPSK	2593.0	1.30	1/36	24.50	25.80	0.380	33.01	-7.22	
		16-QAM	2682.5	1.30	1/36	22.98	24.28	0.268	33.01	-8.73
		64-QAM	2593.0	1.30	1/36	21.18	22.48	0.177	33.01	-10.53
		256-QAM	2593.0	1.30	1/49	25.39	26.69	0.467	33.01	-6.32
		2593.0	1.30	1/49	25.37	26.67	0.465	33.01	-6.34	
20 MHz	11/2 BPSK	2680.0	1.30	1/49	25.38	26.68	0.466	33.01	-6.33	
		2506.0	1.30	1/49	25.51	26.81	0.480	33.01	-6.20	
		2593.0	1.30	1/49	25.51	26.81	0.480	33.01	-6.20	
		2680.0	1.30	1/49	25.51	26.81	0.479	33.01	-6.20	
		16-QAM	2506.0	1.30	1/49	24.55	25.85	0.385	33.01	-7.16
	QPSK	64-QAM	2680.0	1.30	1/49	22.97	24.27	0.267	33.01	-8.74
		256-QAM	2593.0	1.30	1/49	21.11	22.41	0.174	33.01	-10.69
		2593.5	1.30	1/63	25.34	26.64	0.461	33.01	-6.37	
		2593.0	1.30	1/63	25.32	26.62	0.459	33.01	-6.39	
		2677.5	1.30	1/63	25.37	26.67	0.464	33.01	-6.34	
25 MHz	QPSK	2508.5	1.30	1/63	25.44	26.74	0.472	33.01	-6.27	
		2593.0	1.30	1/63	25.43	26.73	0.471	33.01	-6.28	
		2677.5	1.30	1/63	25.42	26.72	0.470	33.01	-6.29	
		16-QAM	2508.5	1.30	1/63	24.31	25.61	0.364	33.01	-7.40
		64-QAM	2677.5	1.30	1/63	22.93	24.23	0.265	33.01	-8.78
	256-QAM	2593.0	1.30	1/32	21.10	22.40	0.174	33.01	-10.61	
		2511.0	1.30	1/36	25.37	26.67	0.465	33.01	-6.34	
		2593.0	1.30	1/76	25.46	26.76	0.474	33.01	-6.25	
		2675.0	1.30	1/76	25.44	26.74	0.472	33.01	-6.28	
		2511.0	1.30	1/36	25.45	26.75	0.474	33.01	-6.26	
30 MHz	QPSK	2593.0	1.30	1/76	25.50	26.80	0.478	33.01	-6.21	
		2675.0	1.30	1/76	25.46	26.76	0.474	33.01	-6.25	
		16-QAM	2511.0	1.30	1/76	24.47	25.77	0.378	33.01	-7.24
		64-QAM	2675.0	1.30	1/76	23.12	24.42	0.227	33.01	-8.59
		256-QAM	2593.0	1.30	1/76	21.19	22.49	0.177	33.01	-10.52
	11/2 BPSK	2513.5	1.30	1/45	25.36	26.66	0.463	33.01	-6.35	
		2593.0	1.30	1/90	25.40	26.70	0.468	33.01	-6.31	
		2672.5	1.30	1/90	25.37	26.67	0.466	33.01	-6.34	
		2513.5	1.30	1/45	25.48	26.78	0.476	33.01	-6.23	
		2593.0	1.30	1/90	25.46	26.76	0.474	33.01	-6.25	
35 MHz	QPSK	2672.5	1.30	1/90	25.47	26.77	0.475	33.01	-6.24	
		16-QAM	2513.5	1.30	1/45	24.35	25.65	0.367	33.01	-7.36
		64-QAM	2593.0	1.30	1/90	22.95	24.25	0.266	33.01	-8.76
		256-QAM	2672.5	1.30	1/90	21.14	22.44	0.175	33.01	-10.57
		2516.0	1.30	1/104	25.40	26.70	0.468	33.01	-6.31	
	11/2 BPSK	2593.0	1.30	1/104	25.41	26.71	0.469	33.01	-6.30	
		2670.0	1.30	1/104	25.43	26.73	0.471	33.01	-6.28	
		2516.0	1.30	1/104	25.50	26.80	0.478	33.01	-6.21	
		2593.0	1.30	1/104	25.50	26.80	0.479	33.01	-6.21	
		16-QAM	2670.0	1.30	1/104	24.54	25.84	0.384	33.01	-7.17
40 MHz	QPSK	64-QAM	2593.0	1.30	1/104	23.00	24.30	0.289	33.01	-8.71
		256-QAM	2593.0	1.30	1/104	21.25	22.55	0.180	33.01	-10.48
		2516.5	1.30	1/54	25.39	26.69	0.467	33.01	-6.32	
		2593.0	1.30	1/117	25.31	26.61	0.459	33.01	-6.40	
		2667.5	1.30	1/117	25.37	26.67	0.465	33.01	-6.34	
	11/2 BPSK	2518.5	1.30	1/54	25.45	26.75	0.473	33.01	-6.26	
		2593.0	1.30	1/117	25.43	26.73	0.471	33.01	-6.28	
		2667.5	1.30	1/117	25.43	26.73	0.471	33.01	-6.28	
		16-QAM	2518.5	1.30	1/54	24.28	25.58	0.361	33.01	-7.43
		64-QAM	2518.5	1.30	1/54	22.94	24.24	0.266	33.01	-8.77
45 MHz	QPSK	2667.5	1.30	1/117	21.17	22.47	0.177	33.01	-10.54	
		2521.0	1.30	1/64	25.45	26.75	0.473	33.01	-6.26	
		2593.0	1.30	1/64	25.44	26.74	0.472	33.01	-6.27	
		2665.0	1.30	1/64	25.42	26.72	0.470	33.01	-6.29	
		2521.0	1.30	1/64	25.50	26.80	0.478	33.01	-6.21	
	11/2 BPSK	2593.0	1.30	1/64	25.44	26.74	0.473	33.01	-6.27	
		2665.0	1.30	1/64	25.33	26.63	0.461	33.01	-6.38	
		16-QAM	2521.0	1.30	1/64	24.41	25.71	0.372	33.01	-7.30
		64-QAM	2521.0	1.30	1/64	22.95	24.25	0.266	33.01	-8.76
		256-QAM	2521.0	1.30	1/64	21.20	22.50	0.178	33.01	-10.51
50 MHz	QPSK	2526.0	1.30	1/81	25.35	26.65	0.463	33.01	-6.36	
		2593.0	1.30	1/160	25.47	26.77	0.475	33.01	-6.24	
		2660.0	1.30	1/160	25.43	26.73	0.471	33.01	-6.28	
		2526.0	1.30	1/160	25.45	26.75	0.474	33.01	-6.26	
		2593.0	1.30	1/160	25.48	26.78	0.477	33.01	-6.23	
	11/2 BPSK	2660.0	1.30	1/160	25.45	26.75	0.473	33.01	-6.26	
		16-QAM	2660.0	1.30	1/160	24.30	25.60	0.363	33.01	-7.41
		64-QAM	2593.0	1.30	1/160	22.95	24.25	0.266	33.01	-8.76
		256-QAM	2526.0	1.30	1/81	20.99	22.29	0.170	33.01	-10.72
		2531.0	1.30	1/90	25.60	26.90	0.490	33.01	-6.11	
60 MHz	QPSK	2593.0	1.30	1/90	25.32	26.62	0.459	33.01	-6.39	
		2665.0	1.30	1/90	25.38	26.68	0.465	33.01	-6.34	
		2531.0	1.30	1/187	25.23	26.53	0.450	33.01	-6.48	
		2593.0	1.30	1/90	25.45	26.75	0.473	33.01	-6.26	
		16-QAM	2665.0	1.30	1/90	25.48	26.78	0.477	33.01	-6.23
	11/2 BPSK	2531.0	1.30	1/187	24.24	25.54	0.358	33.01	-7.47	
		64-QAM	2593.0	1.30	1/90	22.94	24.24	0.266	33.01	-8.77
		256-QAM	2665.0	1.30	1/90	21.06	22.36	0.172	33.01	-10.66
		2536.0	1.30	1/108	25.25	26.55	0.452	33.01	-6.46	
		2593.0	1.30	1/215	25.41	26.71	0.469	33.01	-6.30	
70 MHz	QPSK	2650.0	1.30	1/215	25.41	26.71	0.469	33.01	-6.30	
		2536.0	1.30	1/108	25.35	26.65	0.462	33.01	-6.36	
		2593.0	1.30	1/215	25.54	26.84	0.483	33.01	-6.17	
		16-QAM	2650.0	1.30	1/108	25.42	26.72	0.470	33.01	-6.29
		64-QAM	2593.0	1.30	1/215	24.42	25.72	0.373	33.01	-7.29
	11/2 BPSK	2593.0	1.30	1/215	23.08	24.38	0.274	33.01	-8.63	
		256-QAM	2593.0	1.30	1/215	21.23	22.53	0.179	33.01	-10.48
		2541.0	1.30	1/243	25.19	26.49	0.446	33.01	-6.52	
		2593.0	1.30	1/243	25.26	26.56	0.452	33.01	-6.46	
		2645.0	1.30	1/243	25.50	26.80	0.479	33.01	-6.21	
80 MHz	QPSK	2541.0	1.30	1/243	25.26	26.56	0.453	33.01	-6.45	
		2593.0	1.30	1/120	25.30	26.60	0.457	33.01	-6.41	
		2645.0	1.30	1/243	25.57	26.87	0.486	33.01	-6.14	
		16-QAM	2645.0	1.30	1/120	24.35	25.65	0.367	33.01	-7.36
		64-QAM	2593.0	1.30	1/243	22.91	24.21	0.264	33.01	-8.80
	11/2 BPSK	2645.0	1.30	1/243	21.13	22.43	0.175	33.01	-10.59	
		2531.0	1.30	1/135	25.17	26.47	0.447	33.01	-6.54	
		2640.0	1.30	1/135	25.46	26.76	0.470	33.01	-6.29	
		2546.0	1.30	1/135	25.21	26.51	0.448	33.01	-6.46	
		2593.0	1.30	1/135	25.29	26.59	0.453	33.01	-6.39	
90 MHz	QPSK	2640.0	1.30	1/135	25.55	26.85	0.484	33.01	-6.16	
		16-QAM	2593.0	1.30	1/135	24.29	25.59	0.362	33.01	-7.42
		64-QAM	2640.0	1.30	1/271	22.89	24.19	0.262	33.01	-8.83
		256-QAM	2640.0	1.30	1/271	21.17	22.47	0.173	33.01	-10.64
		2593.0	1.30	1/135	25.42	26.72	0.470	33.01	-6.29	
	11/2 BPSK	2640.0	1.30	1/135	25.46	26.76	0.470	33.01	-6.29	
		2546.0	1.30	1/135	25.21	26.51	0.448	33.01	-6.46	
		2593.0	1.30	1/135	25.21	26.51	0.448	33.01	-6.46	
		2645.0	1.30	1/243	25.51	26.81	0.484	33.01	-6.16	
		16-QAM	2645.0	1.30	1/243	24.23	25.53	0.363	33.01	-7.43

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	23.79	1.20	24.99	0.316	33.01	-8.02	
				21100	2535.0	1	99		21298	2554.8	1	0	24.02	1.20	25.22	0.333	33.01	-7.79	
				21350	2560.0	1	0		21152	2540.2	1	99	23.96	1.20	25.16	0.328	33.01	-7.85	
			QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	23.36	1.20	24.56	0.286	33.01	-8.45	
				16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	22.41	1.20	23.61	0.250	33.01	-9.40
				64-QAM	21100	2535	100	0	64-QAM	21298	2554.8	100	0	21.32	1.20	22.52	0.179	33.01	-10.49
256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	19.33	1.20	20.53	0.113	33.01	-12.48				

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

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	27.23	1.30	28.53	0.713	33.01	-4.48
				39790	2510.0	1	99		39988	2529.8	1	0	27.27	1.30	28.57	0.719	33.01	-4.44
				40620	2593.0	1	99		40818	2612.8	1	0	28.03	1.30	29.33	0.857	33.01	-3.68
				41490	2680.0	1	0		41292	2660.2	1	99	27.24	1.30	28.54	0.714	33.01	-4.47
				40620	2593	100	0		40818	2612.8	100	0	27.31	1.30	28.61	0.726	33.01	-4.40
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	26.24	1.30	27.54	0.568	33.01	-5.47
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	25.35	1.30	26.65	0.462	33.01	-6.36
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	22.31	1.30	23.61	0.230	33.01	-9.40

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

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset							
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	24.56	1.30	25.86	0.385	33.01	-7.15	
				39790	2510.0	1	99		39988	2529.8	1	0	24.49	1.30	25.79	0.379	33.01	-7.22	
				40620	2593.0	1	99		40818	2612.8	1	0	25.35	1.30	26.65	0.462	33.01	-6.36	
				41490	2680.0	1	0		41292	2660.2	1	99	24.43	1.30	25.73	0.374	33.01	-7.28	
				40620	2593	100	0		40818	2612.8	100	0	24.41	1.30	25.71	0.372	33.01	-7.30	
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.35	1.30	24.65	0.292	33.01	-8.36	
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.28	1.30	23.58	0.228	33.01	-9.43	
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.31	1.30	20.61	0.115	33.01	-12.40	

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.5.3 Antenna 3 - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	1.40	1 / 24	21.76	23.16	0.207	23.98	-0.82
		2310.0	1.40	1 / 0	21.71	23.11	0.205	23.98	-0.87
		2312.5	1.40	1 / 0	21.64	23.04	0.201	23.98	-0.94
	16-QAM	2307.5	1.40	1 / 12	21.05	22.45	0.176	23.98	-1.53
	64-QAM	2312.5	1.40	1 / 12	19.79	21.19	0.132	23.98	-2.79
	256-QAM	2307.5	1.40	25 / 0	17.17	18.57	0.072	23.98	-5.41
10 MHz	QPSK	2310.0	1.40	1 / 0	21.60	23.00	0.200	23.98	-0.98
	16-QAM	2310.0	1.40	1 / 49	20.87	22.27	0.169	23.98	-1.71
	64-QAM	2310.0	1.40	1 / 49	19.92	21.32	0.136	23.98	-2.66
	256-QAM	2310.0	1.40	50 / 0	17.17	18.57	0.072	23.98	-5.41

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

FCC ID: BCGA3358	 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	2.50	1 / 24	24.77	27.27	0.533	33.01	-5.74
		2535.0	2.50	1 / 24	24.82	27.32	0.540	33.01	-5.69
		2567.5	2.50	1 / 24	24.51	27.01	0.502	33.01	-6.00
	16-QAM	2502.5	2.50	1 / 0	24.21	26.71	0.469	33.01	-6.30
	64-QAM	2502.5	2.50	1 / 24	22.89	25.39	0.346	33.01	-7.62
	256-QAM	2502.5	2.50	25 / 0	20.16	22.66	0.185	33.01	-10.35
10 MHz	QPSK	2505.0	2.50	1 / 0	24.67	27.17	0.521	33.01	-5.84
		2535.0	2.50	1 / 0	24.64	27.14	0.518	33.01	-5.87
		2565.0	2.50	1 / 49	24.58	27.08	0.511	33.01	-5.93
	16-QAM	2535.0	2.50	1 / 0	24.06	26.56	0.453	33.01	-6.45
	64-QAM	2505.0	2.50	1 / 25	23.03	25.53	0.357	33.01	-7.48
	256-QAM	2505.0	2.50	50 / 0	20.25	22.75	0.188	33.01	-10.26
15 MHz	QPSK	2507.5	2.50	1 / 0	24.80	27.30	0.537	33.01	-5.71
		2535.0	2.50	1 / 0	24.55	27.05	0.507	33.01	-5.96
		2562.5	2.50	1 / 74	24.51	27.01	0.502	33.01	-6.00
	16-QAM	2535.0	2.50	1 / 0	24.06	26.56	0.453	33.01	-6.45
	64-QAM	2562.5	2.50	1 / 74	22.97	25.47	0.352	33.01	-7.54
	256-QAM	2507.5	2.50	75 / 0	20.14	22.64	0.184	33.01	-10.37
20 MHz	QPSK	2510.0	2.50	1 / 0	24.55	27.05	0.507	33.01	-5.96
		2535.0	2.50	1 / 0	24.53	27.03	0.505	33.01	-5.98
		2560.0	2.50	1 / 0	24.60	27.10	0.513	33.01	-5.91
	16-QAM	2560.0	2.50	1 / 0	23.94	26.44	0.441	33.01	-6.57
	64-QAM	2535.0	2.50	1 / 0	22.83	25.33	0.341	33.01	-7.68
	256-QAM	2535.0	2.50	100 / 0	20.10	22.60	0.182	33.01	-10.41

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

FCC ID: BCGA3358	 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	2.60	1 / 12	27.61	30.21	1.050	33.01	-2.80
		2593.0	2.60	1 / 0	27.96	30.56	1.138	33.01	-2.45
		2687.5	2.60	1 / 24	27.57	30.17	1.040	33.01	-2.84
	16-QAM	2593.0	2.60	1 / 24	27.32	29.92	0.982	33.01	-3.09
	64-QAM	2593.0	2.60	1 / 24	26.52	29.12	0.817	33.01	-3.89
	256-QAM	2593.0	2.60	25 / 0	23.84	26.44	0.441	33.01	-6.57
10 MHz	QPSK	2501.0	2.60	1 / 25	27.59	30.19	1.045	33.01	-2.82
		2593.0	2.60	1 / 49	27.92	30.52	1.127	33.01	-2.49
		2685.0	2.60	1 / 49	27.68	30.28	1.067	33.01	-2.73
	16-QAM	2593.0	2.60	1 / 25	27.36	29.96	0.991	33.01	-3.05
	64-QAM	2593.0	2.60	1 / 49	26.48	29.08	0.809	33.01	-3.93
	256-QAM	2593.0	2.60	1 / 0	23.52	26.12	0.409	33.01	-6.89
15 MHz	QPSK	2503.5	2.60	1 / 37	27.61	30.21	1.050	33.01	-2.80
		2593.0	2.60	1 / 37	27.93	30.53	1.130	33.01	-2.48
		2682.5	2.60	1 / 37	27.64	30.24	1.057	33.01	-2.77
	16-QAM	2593.0	2.60	1 / 37	27.26	29.86	0.968	33.01	-3.15
	64-QAM	2593.0	2.60	1 / 37	26.34	28.94	0.783	33.01	-4.07
	256-QAM	2593.0	2.60	75 / 0	23.85	26.45	0.442	33.01	-6.56
20 MHz	QPSK	2506.0	2.60	1 / 50	27.46	30.06	1.014	33.01	-2.95
		2593.0	2.60	1 / 50	27.91	30.51	1.125	33.01	-2.50
		2680.0	2.60	1 / 50	27.68	30.28	1.067	33.01	-2.73
	16-QAM	2593.0	2.60	1 / 50	27.33	29.93	0.984	33.01	-3.08
	64-QAM	2593.0	2.60	1 / 50	26.52	29.12	0.817	33.01	-3.89
	256-QAM	2593.0	2.60	100 / 0	23.84	26.44	0.441	33.01	-6.57

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

FCC ID: BCGA3358	 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	2.60	1 / 24	25.56	28.16	0.655	33.01	-4.85
		2593.0	2.60	1 / 0	25.42	28.02	0.634	33.01	-4.99
		2687.5	2.60	1 / 24	25.45	28.05	0.638	33.01	-4.96
	16-QAM	2687.5	2.60	1 / 0	24.59	27.19	0.524	33.01	-5.82
	64-QAM	2687.5	2.60	1 / 0	23.53	26.13	0.410	33.01	-6.88
	256-QAM	2687.5	2.60	25 / 0	20.94	23.54	0.226	33.01	-9.47
10 MHz	QPSK	2501.0	2.60	1 / 25	25.53	28.13	0.650	33.01	-4.88
		2593.0	2.60	1 / 0	25.38	27.98	0.628	33.01	-5.03
		2685.0	2.60	1 / 49	25.50	28.10	0.646	33.01	-4.91
	16-QAM	2501.0	2.60	1 / 25	24.68	27.28	0.535	33.01	-5.73
	64-QAM	2501.0	2.60	1 / 49	23.44	26.04	0.402	33.01	-6.97
	256-QAM	2685.0	2.60	50 / 0	21.00	23.60	0.229	33.01	-9.41
15 MHz	QPSK	2503.5	2.60	1 / 37	25.37	27.97	0.627	33.01	-5.04
		2593.0	2.60	1 / 37	25.24	27.84	0.608	33.01	-5.17
		2682.5	2.60	1 / 37	25.45	28.05	0.638	33.01	-4.96
	16-QAM	2682.5	2.60	1 / 74	24.46	27.06	0.508	33.01	-5.95
	64-QAM	2682.5	2.60	1 / 37	23.54	26.14	0.411	33.01	-6.87
	256-QAM	2682.5	2.60	75 / 0	20.92	23.52	0.225	33.01	-9.49
20 MHz	QPSK	2506.0	2.60	1 / 50	25.41	28.01	0.632	33.01	-5.00
		2593.0	2.60	1 / 50	25.24	27.84	0.608	33.01	-5.17
		2680.0	2.60	1 / 50	25.46	28.06	0.640	33.01	-4.95
	16-QAM	2506.0	2.60	1 / 50	24.49	27.09	0.512	33.01	-5.92
	64-QAM	2506.0	2.60	1 / 50	23.31	25.91	0.390	33.01	-7.10
	256-QAM	2680.0	2.60	100 / 0	20.96	23.56	0.227	33.01	-9.45

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

FCC ID: BCGA3358	 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	1.40	1 / 12	21.80	23.20	0.209	23.98	-0.78
		2310.0	1.40	25 / 0	21.72	23.12	0.205	23.98	-0.86
		2312.5	1.40	1 / 1	21.62	23.02	0.201	23.98	-0.96
	QPSK	2307.5	1.40	1 / 1	21.67	23.07	0.203	23.98	-0.91
		2310.0	1.40	1 / 12	21.68	23.08	0.203	23.98	-0.90
		2312.5	1.40	1 / 1	21.66	23.06	0.202	23.98	-0.92
	16-QAM	2307.5	1.40	1 / 12	20.52	21.92	0.156	23.98	-2.06
	64-QAM	2310.0	1.40	25 / 0	19.86	21.26	0.134	23.98	-2.72
	256-QAM	2310.0	1.40	25 / 0	17.90	19.30	0.085	23.98	-4.68
10 MHz	$\pi/2$ BPSK	2310.0	1.40	50 / 0	21.80	23.20	0.209	23.98	-0.78
	QPSK	2310.0	1.40	1 / 1	21.73	23.13	0.205	23.98	-0.85
	16-QAM	2310.0	1.40	1 / 1	20.57	21.97	0.158	23.98	-2.01
	64-QAM	2310.0	1.40	50 / 0	19.74	21.14	0.130	23.98	-2.84
	256-QAM	2310.0	1.40	50 / 0	17.84	19.24	0.084	23.98	-4.74

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

FCC ID: BCGA3358	 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	2.50	25 / 0	24.74	27.24	0.530	33.01	-5.77
		2535.0	2.50	25 / 0	24.85	27.35	0.543	33.01	-5.66
		2567.5	2.50	25 / 0	24.75	27.25	0.530	33.01	-5.77
	QPSK	2502.5	2.50	1 / 1	24.73	27.23	0.528	33.01	-5.78
		2535.0	2.50	1 / 1	24.76	27.26	0.533	33.01	-5.75
		2567.5	2.50	1 / 23	24.64	27.14	0.517	33.01	-5.87
	16-QAM	2535.0	2.50	1 / 1	23.63	26.13	0.410	33.01	-6.88
	64-QAM	2535.0	2.50	25 / 0	22.75	25.25	0.335	33.01	-7.76
10 MHz	π/2 BPSK	2535.0	2.50	25 / 0	20.78	23.28	0.213	33.01	-9.73
		2505.0	2.50	50 / 0	24.73	27.23	0.528	33.01	-5.78
		2535.0	2.50	50 / 0	24.88	27.38	0.548	33.01	-5.63
	QPSK	2565.0	2.50	50 / 0	24.74	27.24	0.530	33.01	-5.77
		2505.0	2.50	1 / 50	24.79	27.29	0.536	33.01	-5.72
		2535.0	2.50	1 / 25	24.76	27.26	0.532	33.01	-5.75
	16-QAM	2565.0	2.50	1 / 1	24.72	27.22	0.528	33.01	-5.79
		2505.0	2.50	1 / 1	23.59	26.09	0.407	33.01	-6.92
15 MHz	π/2 BPSK	2535.0	2.50	50 / 0	22.74	25.24	0.334	33.01	-7.77
		2535.0	2.50	50 / 0	20.86	23.36	0.217	33.01	-9.65
		2507.5	2.50	75 / 0	24.69	27.19	0.523	33.01	-5.82
	QPSK	2535.0	2.50	75 / 0	24.71	27.21	0.526	33.01	-5.80
		2562.5	2.50	75 / 0	24.56	27.06	0.509	33.01	-5.95
		2507.5	2.50	1 / 77	24.68	27.18	0.523	33.01	-5.83
	16-QAM	2535.0	2.50	1 / 77	24.63	27.13	0.517	33.01	-5.88
		2562.5	2.50	1 / 1	24.59	27.09	0.512	33.01	-5.92
20 MHz	π/2 BPSK	2535.0	2.50	1 / 1	23.52	26.02	0.400	33.01	-6.99
		2535.0	2.50	75 / 0	22.75	25.25	0.335	33.01	-7.76
		2535.0	2.50	75 / 0	20.81	23.31	0.214	33.01	-9.70
	QPSK	2535.0	2.50	100 / 0	24.82	27.32	0.539	33.01	-5.69
		2535.0	2.50	100 / 0	24.82	27.32	0.540	33.01	-5.69
		2560.0	2.50	100 / 0	24.74	27.24	0.529	33.01	-5.78
	16-QAM	2510.0	2.50	1 / 104	24.76	27.26	0.532	33.01	-5.75
		2535.0	2.50	1 / 104	24.81	27.31	0.539	33.01	-5.70
25 MHz	π/2 BPSK	2560.0	2.50	1 / 1	24.59	27.09	0.512	33.01	-5.92
		2510.0	2.50	1 / 104	23.61	26.11	0.408	33.01	-6.90
		2535.0	2.50	100 / 0	22.76	25.26	0.336	33.01	-7.75
	QPSK	2510.0	2.50	100 / 0	20.79	23.29	0.213	33.01	-9.72
		2512.5	2.50	128 / 0	24.77	27.27	0.533	33.01	-5.74
		2535.0	2.50	128 / 0	24.71	27.21	0.526	33.01	-5.80
	16-QAM	2567.5	2.50	128 / 0	24.61	27.11	0.515	33.01	-5.90
		2512.5	2.50	1 / 64	24.72	27.22	0.528	33.01	-5.79
30 MHz	π/2 BPSK	2535.0	2.50	1 / 1	24.59	27.09	0.512	33.01	-5.92
		2567.5	2.50	1 / 64	24.60	27.10	0.512	33.01	-5.91
		2512.5	2.50	1 / 64	23.49	26.99	0.397	33.01	-7.02
	QPSK	2535.0	2.50	128 / 0	22.83	25.33	0.341	33.01	-7.68
		2535.0	2.50	128 / 0	20.83	23.33	0.215	33.01	-9.68
		2515.0	2.50	160 / 0	24.69	27.19	0.523	33.01	-5.82
	16-QAM	2535.0	2.50	160 / 0	24.73	27.23	0.529	33.01	-5.78
		2555.0	2.50	160 / 0	24.65	27.15	0.519	33.01	-5.86
35 MHz	π/2 BPSK	2515.0	2.50	1 / 1	24.72	27.22	0.527	33.01	-5.79
		2535.0	2.50	1 / 1	24.81	27.31	0.538	33.01	-5.70
		2555.0	2.50	1 / 80	24.76	27.26	0.532	33.01	-5.75
	QPSK	2515.0	2.50	1 / 80	23.62	26.12	0.409	33.01	-6.89
		2535.0	2.50	160 / 0	22.79	25.29	0.338	33.01	-7.72
		2535.0	2.50	160 / 0	20.86	23.36	0.217	33.01	-9.65
	16-QAM	2517.5	2.50	180 / 0	24.71	27.21	0.527	33.01	-5.80
		2535.0	2.50	180 / 0	24.82	27.32	0.540	33.01	-5.69
40 MHz	π/2 BPSK	2552.5	2.50	180 / 0	24.67	27.17	0.521	33.01	-5.84
		2517.5	2.50	1 / 186	24.67	27.17	0.521	33.01	-5.84
		2535.0	2.50	1 / 90	24.69	27.19	0.524	33.01	-5.82
	QPSK	2552.5	2.50	1 / 1	24.73	27.23	0.528	33.01	-5.78
		2517.5	2.50	1 / 1	23.54	26.04	0.402	33.01	-6.97
		2535.0	2.50	180 / 0	22.80	25.30	0.339	33.01	-7.71
	16-QAM	2535.0	2.50	180 / 0	20.69	23.19	0.209	33.01	-9.82
		2520.0	2.50	216 / 0	24.77	27.27	0.534	33.01	-5.74
50 MHz	π/2 BPSK	2535.0	2.50	1 / 108	24.76	27.26	0.532	33.01	-5.75
		2550.0	2.50	1 / 1	24.70	27.20	0.525	33.01	-5.81
		2520.0	2.50	1 / 108	24.74	27.24	0.530	33.01	-5.77
	QPSK	2535.0	2.50	1 / 108	24.80	27.30	0.536	33.01	-5.71
		2550.0	2.50	1 / 214	24.77	27.27	0.533	33.01	-5.74
		2520.0	2.50	1 / 1	23.58	26.08	0.405	33.01	-6.94
	16-QAM	2535.0	2.50	216 / 0	22.81	25.31	0.339	33.01	-7.70
		2535.0	2.50	216 / 0	20.95	23.45	0.221	33.01	-9.56
50 MHz	π/2 BPSK	2525.0	2.50	270 / 0	24.85	27.35	0.544	33.01	-5.66
		2535.0	2.50	270 / 0	24.85	27.35	0.544	33.01	-5.66
		2545.0	2.50	270 / 0	24.71	27.21	0.526	33.01	-5.80
	QPSK	2525.0	2.50	1 / 135	24.74	27.24	0.530	33.01	-5.77
		2535.0	2.50	1 / 135	24.84	27.34	0.543	33.01	-5.67
		2545.0	2.50	1 / 1	24.68	27.18	0.523	33.01	-5.83
	16-QAM	2525.0	2.50	1 / 135	23.50	26.00	0.398	33.01	-7.01
		2545.0	2.50	270 / 0	22.76	25.26	0.336	33.01	-7.75
	256-QAM	2525.0	2.50	270 / 0	20.80	23.30	0.214	33.01	-9.71

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	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	QPSK	2501.0	2.60	1/12	27.55	30.16	1.035	33.01	-2.86
		2593.0	2.60	1/22	27.76	30.36	1.086	33.01	-2.65
		2685.0	2.60	1/22	27.46	30.06	1.014	33.01	-2.95
		2501.0	2.60	1/12	27.61	30.21	1.050	33.01	-2.80
		2593.0	2.60	1/22	27.71	30.31	1.073	33.01	-2.70
		2685.0	2.60	1/22	27.65	30.25	1.059	33.01	-2.76
	16-QAM	2593.0	2.60	1/22	26.60	29.20	0.831	33.01	-3.82
		2593.0	2.60	1/22	25.22	27.82	0.605	33.01	-5.19
		2593.0	2.60	1/22	23.46	26.06	0.404	33.01	-6.95
		2503.5	2.60	1/18	27.61	30.21	1.050	33.01	-2.80
		2593.0	2.60	1/18	27.79	30.39	1.094	33.01	-2.62
		2682.5	2.60	1/36	27.58	30.18	1.042	33.01	-2.83
QPSK	2503.5	2.60	1/18	27.69	30.29	1.069	33.01	-2.72	
	2593.0	2.60	1/36	27.92	30.82	1.127	33.01	-2.49	
	2682.5	2.60	1/18	27.67	30.27	1.064	33.01	-2.74	
	2593.0	2.60	1/36	25.21	27.81	0.604	33.01	-5.20	
	2593.0	2.60	1/36	23.35	25.95	0.393	33.01	-7.07	
	2506.0	2.60	1/25	27.61	30.21	1.050	33.01	-2.80	
20 MHz	QPSK	2593.0	2.60	1/49	27.73	30.33	1.079	33.01	-2.68
		2680.0	2.60	1/49	27.63	30.23	1.054	33.01	-2.78
		2506.0	2.60	1/25	27.68	30.28	1.067	33.01	-2.73
		2593.0	2.60	1/49	27.87	30.47	1.114	33.01	-2.54
		2680.0	2.60	1/25	27.68	30.28	1.067	33.01	-2.73
		2593.0	2.60	1/49	26.81	29.21	0.834	33.01	-3.80
	16-QAM	2593.0	2.60	1/49	25.29	27.89	0.615	33.01	-5.12
		2593.0	2.60	1/49	23.47	26.07	0.404	33.01	-6.95
		2508.5	2.60	1/32	27.67	30.27	1.064	33.01	-2.74
		2593.0	2.60	1/63	27.76	30.36	1.086	33.01	-2.65
		2677.5	2.60	1/32	27.60	30.20	1.047	33.01	-2.81
		2508.5	2.60	1/32	27.71	30.31	1.074	33.01	-2.70
QPSK	2593.0	2.60	1/63	27.72	30.32	1.077	33.01	-2.69	
	2677.5	2.60	1/32	27.70	30.30	1.072	33.01	-2.71	
	2593.0	2.60	1/63	26.51	29.11	0.815	33.01	-3.90	
	2593.0	2.60	1/63	25.14	27.74	0.584	33.01	-5.27	
	2593.0	2.60	1/63	23.29	25.89	0.388	33.01	-7.12	
	2511.0	2.60	1/76	27.62	30.22	1.052	33.01	-2.72	
30 MHz	QPSK	2593.0	2.60	1/76	27.69	30.29	1.068	33.01	-2.72
		2675.0	2.60	1/76	27.65	30.25	1.060	33.01	-2.76
		2511.0	2.60	1/76	27.74	30.34	1.081	33.01	-2.67
		2593.0	2.60	1/76	27.70	30.30	1.072	33.01	-2.71
		2675.0	2.60	1/36	27.57	30.17	1.040	33.01	-2.84
		2593.0	2.60	1/36	26.75	29.35	0.862	33.01	-3.66
	16-QAM	2593.0	2.60	1/76	25.27	27.87	0.613	33.01	-5.14
		2593.0	2.60	1/76	23.48	26.09	0.406	33.01	-6.94
		2513.5	2.60	1/90	27.87	30.27	1.084	33.01	-2.74
		2593.0	2.60	1/90	27.83	30.23	1.055	33.01	-2.78
		2672.5	2.60	1/45	27.64	30.24	1.067	33.01	-2.77
		2513.5	2.60	1/90	27.80	30.40	1.087	33.01	-2.71
QPSK	2593.0	2.60	1/90	26.06	30.66	1.164	33.01	-2.35	
	2672.5	2.60	1/45	27.63	30.23	1.054	33.01	-2.78	
	2593.0	2.60	1/90	26.59	29.29	0.848	33.01	-3.72	
	2593.0	2.60	1/90	25.25	27.85	0.609	33.01	-5.16	
	2593.0	2.60	1/90	23.46	26.06	0.404	33.01	-6.95	
	2516.0	2.60	1/104	27.73	30.33	1.079	33.01	-2.68	
40 MHz	QPSK	2593.0	2.60	1/104	27.63	30.23	1.054	33.01	-2.78
		2670.0	2.60	1/104	27.66	30.26	1.062	33.01	-2.75
		2516.0	2.60	1/104	27.73	30.33	1.080	33.01	-2.68
		2593.0	2.60	1/104	27.64	30.24	1.056	33.01	-2.77
		2670.0	2.60	1/104	27.68	30.28	1.067	33.01	-2.73
		2516.0	2.60	1/104	26.64	29.24	0.840	33.01	-3.77
	16-QAM	2593.0	2.60	1/104	25.28	27.88	0.613	33.01	-5.13
		2593.0	2.60	1/104	23.48	26.08	0.405	33.01	-6.93
		2516.5	2.60	1/117	27.69	30.29	1.089	33.01	-2.71
		2593.0	2.60	1/117	27.77	30.37	1.090	33.01	-2.64
		2667.5	2.60	1/117	27.64	30.24	1.057	33.01	-2.77
		2516.5	2.60	1/117	27.76	30.36	1.087	33.01	-2.65
QPSK	2593.0	2.60	1/117	27.60	30.20	1.047	33.01	-2.81	
	2667.5	2.60	1/117	27.65	30.25	1.059	33.01	-2.76	
	2516.5	2.60	1/117	26.60	29.20	0.831	33.01	-3.81	
	2516.5	2.60	1/117	25.27	27.87	0.613	33.01	-5.14	
	2516.5	2.60	1/117	23.47	26.07	0.405	33.01	-6.94	
	2521.0	2.60	1/131	27.57	30.17	1.040	33.01	-2.84	
50 MHz	QPSK	2593.0	2.60	1/64	27.53	30.13	1.031	33.01	-2.88
		2665.0	2.60	1/64	27.67	30.27	1.064	33.01	-2.74
		2521.0	2.60	1/131	27.60	30.20	1.047	33.01	-2.81
		2593.0	2.60	1/64	27.84	30.24	1.056	33.01	-2.77
		2665.0	2.60	1/64	27.66	30.26	1.062	33.01	-2.75
		2593.0	2.60	1/64	26.73	29.33	0.863	33.01	-3.68
	16-QAM	2593.0	2.60	1/64	25.20	27.80	0.603	33.01	-5.21
		2593.0	2.60	1/64	23.32	25.92	0.391	33.01	-7.09
		2526.0	2.60	1/160	27.58	30.18	1.041	33.01	-2.84
		2593.0	2.60	1/160	27.42	30.22	1.053	33.01	-2.78
		2660.0	2.60	1/160	27.60	30.20	1.047	33.01	-2.81
		2526.0	2.60	1/81	27.61	30.21	1.051	33.01	-2.80
60 MHz	QPSK	2593.0	2.60	1/81	27.57	30.17	1.040	33.01	-2.84
		2660.0	2.60	1/81	27.69	30.29	1.069	33.01	-2.72
		2526.0	2.60	1/81	26.55	29.15	0.823	33.01	-3.86
		2526.0	2.60	1/160	25.18	27.78	0.599	33.01	-5.24
		2526.0	2.60	1/81	23.50	26.10	0.407	33.01	-6.91
		2531.0	2.60	1/187	27.63	30.23	1.054	33.01	-2.78
	16-QAM	2593.0	2.60	1/90	27.52	30.12	1.028	33.01	-2.89
		2655.0	2.60	1/90	27.54	30.14	1.033	33.01	-2.87
		2531.0	2.60	1/90	27.75	30.25	1.085	33.01	-2.66
		2593.0	2.60	1/187	27.81	30.41	1.099	33.01	-2.60
		2655.0	2.60	1/90	27.49	30.09	1.021	33.01	-2.92
		2531.0	2.60	1/90	26.59	29.19	0.830	33.01	-3.82
70 MHz	QPSK	2593.0	2.60	1/90	25.29	27.89	0.615	33.01	-5.12
		2531.0	2.60	1/90	23.42	26.02	0.400	33.01	-6.96
		2536.0	2.60	1/215	27.53	30.13	1.031	33.01	-2.88
		2593.0	2.60	1/215	27.71	30.31	1.074	33.01	-2.70
		2656.0	2.60	1/108	27.67	30.27	1.064	33.01	-2.74
		2536.0	2.60	1/215	27.61	30.21	1.049	33.01	-2.80
	16-QAM	2593.0	2.60	1/215	27.72	30.32	1.077	33.01	-2.69
		2650.0	2.60	1/108	27.55	30.15	1.035	33.01	-2.86
		2536.0	2.60	1/108	26.76	29.36	0.864	33.01	-3.65
		2593.0	2.60	1/215	25.30	27.90	0.617	33.01	-5.11
		2650.0	2.60	1/108	23.50	26.10	0.407	33.01	-6.91
		2541.0	2.60	1/120	27.68	30.28	1.066	33.01	-2.73
90 MHz	QPSK	2593.0	2.60	1/243	27.63	30.23	1.054	33.01	-2.78
		2645.0	2.60	1/120	27.65	30.25	1.060	33.01	-2.76
		2541.0	2.60	1/120	27.89	30.49	1.121	33.01	-2.52
		2593.0	2.60	1/243	27.78	30.38	1.091	33.01	-2.63
		2645.0	2.60	1/120	27.56	30.16	1.043	33.01	-2.83
		2593.0	2.60	1/120	26.57	29.17	0.827	33.01	-3.84
	16-QAM	2593.0	2.60	1/243	25.40	28.00	0.630	33.01	-5.01
		2593.0	2.60	1/243	23.56	26.16	0.413	33.01	-6.85
		2546.0	2.60	1/135	27.72	30.32	1.078	33.01	-2.69
		2655.0	2.60	1/135	27.51	30.11	1.031	33.01	-2.88
		2640.0	2.60	1/135	27.65	30.25	1.058	33.01	-2.76
		2546.0	2.60	1/135	27.72	30.32	1.078	33.01	-2.69
100 MHz	QPSK	2593.0	2.60	1/271	27.56	30.16	1.036	33.01	-2.85
		2593.0	2.60	1/135	27.70	30.36	1.089	33.01	-2.66
		2546.0	2.60	1/135	26.59	29.19	0.830	33.01	-3.82
		2640.0	2.60	1/135	25.43	28.03	0.635	33.01	-4.98
		2546.0	2.60	1/135	27.72	30.32	1.078	33.01	-2.69
		2593.0	2.60	1/135	27.51	30.11	1.031	33.01	-2.88
	16-QAM	2593.0	2.60	1/135	25.43	28.03	0.635	33.01	-4.98
		2546.0	2.60	1/135	27.72	30.32	1.078	33.01	-2.69
		2593.0	2.60	1/135	27.51	30.11	1.031	33.01	-2.88
		2546.0	2.60	1/135	26.59	29.19	0.830	33.01	-3.82
		2640.0	2.60	1/135	25.43	28.03	0.635	33.01	-4.98
		2546.0	2.60	1/135	27.72	30.32	1.078	33.01	-2.69

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	2.60	1/12	25.25	27.85	0.609	33.01	-5.16	
		2593.0	2.60	1/12	25.13	27.73	0.593	33.01	-5.28	
		2685.0	2.60	1/12	25.10	27.70	0.589	33.01	-5.31	
		2501.0	2.60	1/12	25.32	27.92	0.619	33.01	-5.09	
		2593.0	2.60	1/12	25.14	27.74	0.594	33.01	-5.27	
	QPSK	2685.0	2.60	1/12	25.20	27.80	0.603	33.01	-5.21	
		16-QAM	2501.0	2.60	1/12	24.14	26.74	0.472	33.01	-6.27
		64-QAM	2501.0	2.60	1/12	22.84	25.44	0.350	33.01	-7.57
		256-QAM	2501.0	2.60	1/12	21.00	23.60	0.229	33.01	-9.41
		2501.0	2.60	1/18	25.20	27.80	0.602	33.01	-5.21	
15 MHz	11/2 BPSK	2593.0	2.60	1/36	25.09	27.69	0.587	33.01	-5.32	
		2682.5	2.60	1/18	25.09	27.69	0.588	33.01	-5.32	
		2503.5	2.60	1/18	25.25	27.85	0.610	33.01	-5.16	
		2593.0	2.60	1/36	25.19	27.79	0.601	33.01	-5.22	
		2682.5	2.60	1/18	25.14	27.74	0.595	33.01	-5.27	
	QPSK	16-QAM	2503.5	2.60	1/18	24.34	26.94	0.494	33.01	-6.07
		64-QAM	2503.5	2.60	1/18	22.86	25.46	0.352	33.01	-7.55
		256-QAM	2503.5	2.60	1/18	20.96	23.56	0.227	33.01	-9.45
		2506.0	2.60	1/49	25.19	27.79	0.601	33.01	-5.22	
		2593.0	2.60	1/49	25.14	27.74	0.594	33.01	-5.27	
20 MHz	11/2 BPSK	2680.0	2.60	1/25	25.12	27.72	0.591	33.01	-5.29	
		2506.0	2.60	1/25	25.26	27.86	0.610	33.01	-5.15	
		2593.0	2.60	1/49	25.23	27.83	0.606	33.01	-5.18	
		2680.0	2.60	1/49	25.13	27.73	0.593	33.01	-5.18	
		2506.0	2.60	1/25	22.76	25.36	0.343	33.01	-7.65	
	QPSK	16-QAM	2506.0	2.60	1/25	21.06	23.66	0.232	33.01	-9.35
		64-QAM	2506.0	2.60	1/25	20.20	22.80	0.202	33.01	-10.21
		256-QAM	2506.0	2.60	1/49	21.06	23.66	0.232	33.01	-9.35
		2508.5	2.60	1/32	25.20	27.80	0.602	33.01	-5.21	
		2593.0	2.60	1/63	25.13	27.73	0.593	33.01	-5.28	
25 MHz	11/2 BPSK	2677.5	2.60	1/32	25.10	27.70	0.589	33.01	-5.31	
		2596.5	2.60	1/32	25.26	27.86	0.611	33.01	-5.15	
		2593.0	2.60	1/63	25.22	27.82	0.605	33.01	-5.19	
		2677.5	2.60	1/32	25.20	27.80	0.602	33.01	-5.21	
		16-QAM	2593.0	2.60	1/32	24.26	26.86	0.485	33.01	-6.15
	QPSK	64-QAM	2508.5	2.60	1/32	22.84	25.44	0.350	33.01	-7.57
		256-QAM	2508.5	2.60	1/32	20.97	23.57	0.228	33.01	-9.44
		2511.0	2.60	1/76	25.31	27.91	0.618	33.01	-5.10	
		2593.0	2.60	1/76	25.23	27.83	0.606	33.01	-5.18	
		2675.0	2.60	1/76	25.13	27.73	0.593	33.01	-5.28	
30 MHz	11/2 BPSK	2511.0	2.60	1/76	25.35	27.95	0.623	33.01	-5.06	
		2593.0	2.60	1/76	25.26	27.86	0.611	33.01	-5.15	
		2675.0	2.60	1/76	25.22	27.82	0.605	33.01	-5.19	
		16-QAM	2511.0	2.60	1/76	24.19	26.79	0.478	33.01	-6.22
		64-QAM	2593.0	2.60	1/76	22.87	25.47	0.352	33.01	-7.54
	QPSK	256-QAM	2511.0	2.60	1/76	21.06	23.66	0.232	33.01	-9.35
		2513.5	2.60	1/90	25.21	27.81	0.603	33.01	-5.20	
		2593.0	2.60	1/90	25.19	27.79	0.602	33.01	-5.22	
		2672.5	2.60	1/90	25.09	27.69	0.587	33.01	-5.32	
		2513.5	2.60	1/90	25.31	27.91	0.618	33.01	-5.10	
35 MHz	11/2 BPSK	2593.0	2.60	1/90	25.25	27.85	0.609	33.01	-5.16	
		2672.5	2.60	1/90	25.15	27.75	0.596	33.01	-5.26	
		2513.5	2.60	1/90	24.46	27.06	0.508	33.01	-5.95	
		16-QAM	2513.5	2.60	1/90	22.80	25.40	0.347	33.01	-7.61
		64-QAM	2513.5	2.60	1/90	21.06	23.66	0.232	33.01	-9.35
	QPSK	2516.0	2.60	1/104	25.27	27.87	0.613	33.01	-5.14	
		2593.0	2.60	1/104	25.24	27.84	0.608	33.01	-5.17	
		2670.0	2.60	1/104	25.13	27.73	0.592	33.01	-5.28	
		2516.0	2.60	1/104	25.31	27.91	0.618	33.01	-5.10	
		2593.0	2.60	1/104	25.28	27.88	0.614	33.01	-5.13	
40 MHz	11/2 BPSK	2670.0	2.60	1/104	25.19	27.79	0.601	33.01	-5.22	
		16-QAM	2593.0	2.60	1/104	24.38	26.98	0.499	33.01	-6.03
		64-QAM	2593.0	2.60	1/104	22.94	25.54	0.358	33.01	-7.47
		256-QAM	2516.0	2.60	1/104	21.09	23.69	0.234	33.01	-9.33
		2518.5	2.60	1/117	25.30	27.90	0.617	33.01	-5.11	
	QPSK	2593.0	2.60	1/117	25.19	27.79	0.602	33.01	-5.22	
		2667.5	2.60	1/117	25.08	27.68	0.586	33.01	-5.33	
		2518.5	2.60	1/117	25.36	27.96	0.626	33.01	-5.05	
		2593.0	2.60	1/117	25.22	27.82	0.605	33.01	-5.19	
		2667.5	2.60	1/117	25.15	27.75	0.595	33.01	-5.26	
45 MHz	11/2 BPSK	2518.5	2.60	1/117	24.18	26.78	0.477	33.01	-6.23	
		2518.5	2.60	1/117	22.86	25.46	0.351	33.01	-7.55	
		256-QAM	2518.5	2.60	1/117	21.04	23.64	0.231	33.01	-9.37
		2521.0	2.60	1/64	25.21	27.81	0.604	33.01	-5.20	
		2593.0	2.60	1/117	25.30	27.90	0.617	33.01	-5.11	
	QPSK	2667.5	2.60	1/117	25.08	27.68	0.586	33.01	-5.33	
		2518.5	2.60	1/117	25.36	27.96	0.626	33.01	-5.05	
		2593.0	2.60	1/117	25.22	27.82	0.605	33.01	-5.19	
		2667.5	2.60	1/117	25.15	27.75	0.595	33.01	-5.26	
		2518.5	2.60	1/117	24.18	26.78	0.477	33.01	-6.23	
50 MHz	11/2 BPSK	2518.5	2.60	1/117	22.86	25.46	0.351	33.01	-7.55	
		256-QAM	2518.5	2.60	1/117	21.04	23.64	0.231	33.01	-9.37
		2521.0	2.60	1/64	25.21	27.81	0.604	33.01	-5.20	
		2593.0	2.60	1/64	25.08	27.68	0.586	33.01	-5.33	
		2665.0	2.60	1/64	25.13	27.73	0.593	33.01	-5.28	
	QPSK	2521.0	2.60	1/64	25.27	27.87	0.613	33.01	-5.14	
		2593.0	2.60	1/64	25.25	27.85	0.609	33.01	-5.17	
		2665.0	2.60	1/64	25.11	27.71	0.590	33.01	-5.30	
		16-QAM	2665.0	2.60	1/64	24.32	26.92	0.492	33.01	-6.09
		64-QAM	2593.0	2.60	1/64	22.81	25.41	0.347	33.01	-7.60
60 MHz	11/2 BPSK	2521.0	2.60	1/64	20.95	23.55	0.226	33.01	-9.46	
		2526.0	2.60	1/160	25.15	27.75	0.596	33.01	-5.26	
		2593.0	2.60	1/160	25.18	27.78	0.600	33.01	-5.23	
		2660.0	2.60	1/160	25.16	27.76	0.597	33.01	-5.25	
		2526.0	2.60	1/81	25.24	27.84	0.608	33.01	-5.17	
	QPSK	2593.0	2.60	1/160	25.27	27.87	0.613	33.01	-5.14	
		2660.0	2.60	1/81	25.21	27.81	0.604	33.01	-5.20	
		16-QAM	2526.0	2.60	1/81	24.11	26.71	0.469	33.01	-6.30
		64-QAM	2593.0	2.60	1/160	22.78	25.38	0.345	33.01	-7.63
		256-QAM	2593.0	2.60	1/160	21.01	23.61	0.230	33.01	-9.40
70 MHz	11/2 BPSK	2531.0	2.60	1/90	25.17	27.77	0.598	33.01	-5.24	
		2593.0	2.60	1/167	25.30	27.90	0.617	33.01	-5.11	
		2655.0	2.60	1/90	25.20	27.80	0.603	33.01	-5.21	
		2531.0	2.60	1/90	25.26	27.86	0.611	33.01	-5.15	
		2593.0	2.60	1/167	25.30	27.90	0.616	33.01	-5.11	
	QPSK	2655.0	2.60	1/167	25.11	27.71	0.590	33.01	-5.30	
		2531.0	2.60	1/90	24.08	26.68	0.486	33.01	-6.33	
		64-QAM	2593.0	2.60	1/167	22.79	25.39	0.346	33.01	-7.62
		256-QAM	2531.0	2.60	1/167	21.06	23.66	0.232	33.01	-9.36
		2536.0	2.60	1/108	25.19	27.79	0.601	33.01	-5.22	
80 MHz	11/2 BPSK	2593.0	2.60	1/215	25.20	27.80	0.603	33.01	-5.21	
		2650.0	2.60	1/215	25.18	27.78	0.599	33.01	-5.23	
		2536.0	2.60	1/108	25.30	27.90	0.617	33.01	-5.11	
		2593.0	2.60	1/215	25.17	27.77	0.599	33.01	-5.24	
		2650.0	2.60	1/108	25.17	27.77	0.599	33.01	-5.24	
	QPSK	64-QAM	2593.0	2.60	1/215	24.12	26.72	0.470	33.01	-6.29
		256-QAM	2536.0	2.60	1/108	22.74	25.34	0.342	33.01	-7.67
		2650.0	2.60	1/215	21.02	23.62	0.230	33.01	-9.39	
		2541.0	2.60	1/120	25.17	27.77	0.598	33.01	-5.24	
		2593.0	2.60	1/243	25.18	27.78	0.599	33.01	-5.23	
90 MHz	11/2 BPSK	2645.0	2.60	1/120	25.11	27.71	0.590	33.01	-5.30	
		2541.0	2.60	1/120	25.15	27.75	0.595	33.01	-5.26	
		2593.0	2.60	1/243	25.35	27.95	0.623	33.01	-5.06	
		2645.0	2.60	1/120	25.13	27.73	0.593	33.01	-5.28	
		2541.0	2.60	1/120	25.17	27.77	0.598	33.01	-5.24	
	QPSK	64-QAM	2645.0	2.60	1/120	24.05	26.65	0.463	33.01	-6.36
		256-QAM	2541.0	2.60	1/120	21.01	23.61	0.229	33.01	-9.41
		2645.0	2.60	1/135	25.25	27.85	0.609	33.01	-5.16	
		2593.0	2.60	1/271	25.14	27.74	0.591	33.01	-5.27	
		2640.0	2.60	1/135	25.16	27.76	0.597	33.01	-5.25	
100 MHz	11/2 BPSK	2540.0	2.60	1/135	25.13	27.73	0.593	33.01	-5.28	
		2593.0	2.60	1/271	25.16	27.76	0.596	33.01	-5.23	
		2640.0	2.60	1/135	25.30	27.90	0.617	33.01	-5.11	
		2540.0	2.60	1/135	25.16	27.76	0.597	33.01	-5.25	
		2593.0	2.60	1/135	24.05	26.65	0.463	33.01	-6.36	
	QPSK	64-QAM	2593.0	2.60	1/135	22.85	25.45	0.351	33.01	-7.56

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			Modulation	UL Channel	UL									
					Frequency	UL # RB	UL RB Offset			Frequency	UL # RB	UL RB Offset							
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	24.91	2.50	27.41	0.551	33.01	-5.60	
				21100	2535.0	1	99		21298	2554.8	1	0	25.04	2.50	27.54	0.568	33.01	-5.47	
				21350	2560.0	1	0		21152	2540.2	1	99	24.95	2.50	27.45	0.556	33.01	-5.56	
			QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	24.23	2.50	26.73	0.471	33.01	-6.28	
				16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	23.19	2.50	25.69	0.371	33.01	-7.32
				64-QAM	21100	2535	100	0	64-QAM	21298	2554.8	100	0	22.24	2.50	24.74	0.298	33.01	-8.27
			256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	20.33	2.50	22.83	0.192	33.01	-10.18	

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

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCATx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	27.31	2.60	29.91	0.979	33.01	-3.10
				39790	2510.0	1	99		39988	2529.8	1	0	27.33	2.60	29.93	0.984	33.01	-3.08
				40620	2593.0	1	99		40818	2612.8	1	0	28.12	2.60	30.72	1.180	33.01	-2.29
				41490	2680.0	1	0		41292	2660.2	1	99	27.29	2.60	29.89	0.975	33.01	-3.12
				QPSK	40620	2593	100		0	QPSK	40818	2612.8	100	0	27.41	2.60	30.01	1.002
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	26.64	2.60	29.24	0.839	33.01	-3.77
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	25.46	2.60	28.06	0.640	33.01	-4.95
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	22.34	2.60	24.94	0.312	33.01	-8.07

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

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	24.43	2.60	27.03	0.505	33.01	-5.98
				39790	2510.0	1	99		39988	2529.8	1	0	24.48	2.60	27.08	0.511	33.01	-5.93
				40620	2593.0	1	99		40818	2612.8	1	0	25.42	2.60	28.02	0.634	33.01	-4.99
				41490	2680.0	1	0		41292	2660.2	1	99	24.51	2.60	27.11	0.514	33.01	-5.90
				QPSK	40620	2593	100		0	QPSK	40818	2612.8	100	0	24.43	2.60	27.03	0.505
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.33	2.60	24.93	0.392	33.01	-7.08
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.34	2.60	24.94	0.312	33.01	-8.07
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.41	2.60	22.01	0.159	33.01	-11.00

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

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7.5.4 Antenna 2b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-2.30	1 / 24	23.83	21.53	0.142	23.98	-2.45
		2310.0	-2.30	1 / 24	23.87	21.57	0.144	23.98	-2.41
		2312.5	-2.30	1 / 0	23.74	21.44	0.139	23.98	-2.54
	16-QAM	2310.0	-2.30	1 / 0	23.23	20.93	0.124	23.98	-3.05
	64-QAM	2307.5	-2.30	1 / 24	22.02	19.72	0.094	23.98	-4.26
	256-QAM	2312.5	-2.30	25 / 0	19.29	16.99	0.050	23.98	-6.99
10 MHz	QPSK	2310.0	-2.30	1 / 0	23.65	21.35	0.136	23.98	-2.63
	16-QAM	2310.0	-2.30	1 / 0	23.05	20.75	0.119	23.98	-3.23
	64-QAM	2310.0	-2.30	1 / 0	21.99	19.69	0.093	23.98	-4.29
	256-QAM	2310.0	-2.30	50 / 0	19.24	16.94	0.049	23.98	-7.04

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

FCC ID: BCGA3358	 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	-1.20	1 / 24	23.81	22.61	0.182	33.01	-10.40
		2535.0	-1.20	1 / 12	23.81	22.61	0.182	33.01	-10.40
		2567.5	-1.20	1 / 0	23.59	22.39	0.173	33.01	-10.62
	16-QAM	2502.5	-1.20	1 / 24	23.16	21.96	0.157	33.01	-11.05
	64-QAM	2502.5	-1.20	1 / 0	21.92	20.72	0.118	33.01	-12.29
	256-QAM	2535.0	-1.20	25 / 0	19.19	17.99	0.063	33.01	-15.02
10 MHz	QPSK	2505.0	-1.20	1 / 49	23.77	22.57	0.181	33.01	-10.44
		2535.0	-1.20	1 / 0	23.67	22.47	0.177	33.01	-10.54
		2565.0	-1.20	1 / 0	23.66	22.46	0.176	33.01	-10.55
	16-QAM	2505.0	-1.20	1 / 49	23.16	21.96	0.157	33.01	-11.05
	64-QAM	2505.0	-1.20	1 / 49	22.06	20.86	0.122	33.01	-12.15
	256-QAM	2535.0	-1.20	50 / 0	19.29	18.09	0.064	33.01	-14.92
15 MHz	QPSK	2507.5	-1.20	1 / 0	23.81	22.61	0.182	33.01	-10.40
		2535.0	-1.20	1 / 0	23.65	22.45	0.176	33.01	-10.56
		2562.5	-1.20	1 / 0	23.61	22.41	0.174	33.01	-10.60
	16-QAM	2562.5	-1.20	1 / 0	23.06	21.86	0.153	33.01	-11.15
	64-QAM	2562.5	-1.20	1 / 0	22.03	20.83	0.121	33.01	-12.18
	256-QAM	2507.5	-1.20	75 / 0	19.18	17.98	0.063	33.01	-15.03
20 MHz	QPSK	2510.0	-1.20	1 / 0	23.54	22.34	0.171	33.01	-10.67
		2535.0	-1.20	1 / 0	23.68	22.48	0.177	33.01	-10.53
		2560.0	-1.20	1 / 0	23.77	22.57	0.181	33.01	-10.44
	16-QAM	2560.0	-1.20	1 / 0	23.08	21.88	0.154	33.01	-11.13
	64-QAM	2560.0	-1.20	1 / 0	22.10	20.90	0.123	33.01	-12.11
	256-QAM	2510.0	-1.20	100 / 0	19.25	18.05	0.064	33.01	-14.96

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

FCC ID: BCGA3358	 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	-2.30	1 / 12	28.21	25.91	0.390	33.01	-7.10
		2593.0	-2.30	1 / 24	28.46	26.16	0.413	33.01	-6.85
		2687.5	-2.30	1 / 24	28.19	25.89	0.388	33.01	-7.12
	16-QAM	2593.0	-2.30	1 / 12	27.93	25.63	0.366	33.01	-7.38
	64-QAM	2593.0	-2.30	1 / 24	26.86	24.56	0.286	33.01	-8.45
	256-QAM	2593.0	-2.30	25 / 0	23.94	21.64	0.146	33.01	-11.37
10 MHz	QPSK	2501.0	-2.30	1 / 25	28.23	25.93	0.392	33.01	-7.08
		2593.0	-2.30	1 / 49	28.42	26.12	0.409	33.01	-6.89
		2685.0	-2.30	1 / 25	28.23	25.93	0.392	33.01	-7.08
	16-QAM	2593.0	-2.30	1 / 25	27.91	25.61	0.364	33.01	-7.40
	64-QAM	2593.0	-2.30	1 / 49	26.84	24.54	0.284	33.01	-8.47
	256-QAM	2593.0	-2.30	50 / 0	23.99	21.69	0.148	33.01	-11.32
15 MHz	QPSK	2503.5	-2.30	1 / 37	28.20	25.90	0.389	33.01	-7.11
		2593.0	-2.30	1 / 74	28.40	26.10	0.407	33.01	-6.91
		2682.5	-2.30	1 / 37	28.24	25.94	0.393	33.01	-7.07
	16-QAM	2593.0	-2.30	1 / 74	27.86	25.56	0.360	33.01	-7.45
	64-QAM	2593.0	-2.30	1 / 74	26.93	24.63	0.290	33.01	-8.38
	256-QAM	2593.0	-2.30	75 / 0	23.91	21.61	0.145	33.01	-11.40
20 MHz	QPSK	2506.0	-2.30	1 / 50	28.19	25.89	0.388	33.01	-7.12
		2593.0	-2.30	1 / 50	28.35	26.05	0.403	33.01	-6.96
		2680.0	-2.30	1 / 50	28.21	25.91	0.390	33.01	-7.10
	16-QAM	2593.0	-2.30	1 / 50	27.62	25.32	0.340	33.01	-7.69
	64-QAM	2593.0	-2.30	1 / 50	26.81	24.51	0.282	33.01	-8.50
	256-QAM	2593.0	-2.30	100 / 0	23.90	21.60	0.145	33.01	-11.41

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

FCC ID: BCGA3358	 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	-2.30	1 / 12	25.52	23.22	0.210	33.01	-9.79
		2593.0	-2.30	1 / 12	25.30	23.00	0.200	33.01	-10.01
		2687.5	-2.30	1 / 24	25.38	23.08	0.203	33.01	-9.93
	16-QAM	2687.5	-2.30	1 / 24	24.56	22.26	0.168	33.01	-10.75
	64-QAM	2687.5	-2.30	1 / 24	23.38	21.08	0.128	33.01	-11.93
	256-QAM	2687.5	-2.30	25 / 0	20.83	18.53	0.071	33.01	-14.48
10 MHz	QPSK	2501.0	-2.30	1 / 25	25.44	23.14	0.206	33.01	-9.87
		2593.0	-2.30	1 / 49	25.36	23.06	0.202	33.01	-9.95
		2685.0	-2.30	1 / 25	25.41	23.11	0.205	33.01	-9.90
	16-QAM	2685.0	-2.30	1 / 25	24.61	22.31	0.170	33.01	-10.70
	64-QAM	2685.0	-2.30	1 / 49	23.42	21.12	0.129	33.01	-11.89
	256-QAM	2685.0	-2.30	50 / 0	20.93	18.63	0.073	33.01	-14.38
15 MHz	QPSK	2503.5	-2.30	1 / 37	25.20	22.90	0.195	33.01	-10.11
		2593.0	-2.30	1 / 74	25.12	22.82	0.191	33.01	-10.19
		2682.5	-2.30	1 / 37	25.32	23.02	0.200	33.01	-9.99
	16-QAM	2682.5	-2.30	1 / 74	24.37	22.07	0.161	33.01	-10.94
	64-QAM	2682.5	-2.30	1 / 0	23.35	21.05	0.127	33.01	-11.96
	256-QAM	2682.5	-2.30	75 / 0	20.78	18.48	0.070	33.01	-14.53
20 MHz	QPSK	2506.0	-2.30	1 / 50	25.22	22.92	0.196	33.01	-10.09
		2593.0	-2.30	1 / 50	25.11	22.81	0.191	33.01	-10.20
		2680.0	-2.30	1 / 50	25.34	23.04	0.201	33.01	-9.97
	16-QAM	2506.0	-2.30	1 / 50	24.35	22.05	0.160	33.01	-10.96
	64-QAM	2680.0	-2.30	1 / 50	23.35	21.05	0.127	33.01	-11.96
	256-QAM	2680.0	-2.30	100 / 0	20.78	18.48	0.070	33.01	-14.53

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 262 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	-2.30	25 / 0	23.71	21.41	0.138	23.98	-2.57
		2310.0	-2.30	1 / 1	23.78	21.48	0.140	23.98	-2.50
		2312.5	-2.30	25 / 0	23.62	21.32	0.135	23.98	-2.66
	QPSK	2307.5	-2.30	1 / 12	23.60	21.30	0.135	23.98	-2.68
		2310.0	-2.30	1 / 23	23.77	21.47	0.140	23.98	-2.51
		2312.5	-2.30	1 / 12	23.64	21.34	0.136	23.98	-2.64
	16-QAM	2307.5	-2.30	1 / 12	22.60	20.30	0.107	23.98	-3.68
	64-QAM	2310.0	-2.30	25 / 0	22.44	20.14	0.103	23.98	-3.84
	256-QAM	2307.5	-2.30	25 / 0	20.39	18.09	0.064	23.98	-5.89
10 MHz	$\pi/2$ BPSK	2310.0	-2.30	50 / 0	24.00	21.70	0.148	23.98	-2.28
	QPSK	2310.0	-2.30	1 / 25	23.79	21.49	0.141	23.98	-2.49
	16-QAM	2310.0	-2.30	50 / 0	24.00	21.70	0.148	23.98	-2.28
	64-QAM	2310.0	-2.30	1 / 50	24.05	21.75	0.150	23.98	-2.23
	256-QAM	2310.0	-2.30	50 / 0	24.12	21.82	0.152	23.98	-2.16

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 263 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	23.71	22.51	0.178	33.01	-10.50
		2535.0	-1.20	1 / 1	23.78	22.58	0.181	33.01	-10.43
		2567.5	-1.20	25 / 0	23.62	22.42	0.174	33.01	-10.60
	QPSK	2502.5	-1.20	1 / 12	23.60	22.40	0.174	33.01	-10.61
		2535.0	-1.20	1 / 23	23.77	22.57	0.181	33.01	-10.44
		2567.5	-1.20	1 / 12	23.64	22.44	0.175	33.01	-10.57
	16-QAM	2502.5	-1.20	1 / 12	22.60	21.40	0.138	33.01	-11.61
	64-QAM	2535.0	-1.20	25 / 0	21.92	20.72	0.118	33.01	-12.29
	256-QAM	2502.5	-1.20	25 / 0	19.87	18.67	0.074	33.01	-14.34
10 MHz	π/2 BPSK	2505.0	-1.20	50 / 0	24.00	22.80	0.190	33.01	-10.21
		2535.0	-1.20	50 / 0	23.94	22.74	0.188	33.01	-10.27
		2565.0	-1.20	50 / 0	23.84	22.64	0.184	33.01	-10.37
	QPSK	2505.0	-1.20	1 / 25	23.80	22.60	0.182	33.01	-10.41
		2535.0	-1.20	1 / 1	23.82	22.62	0.183	33.01	-10.39
		2565.0	-1.20	1 / 1	23.76	22.56	0.180	33.01	-10.45
	16-QAM	2505.0	-1.20	1 / 25	22.64	21.44	0.139	33.01	-11.57
	64-QAM	2565.0	-1.20	50 / 0	21.76	20.56	0.114	33.01	-12.45
	256-QAM	2505.0	-1.20	50 / 0	19.86	18.66	0.073	33.01	-14.35
15 MHz	π/2 BPSK	2507.5	-1.20	75 / 0	23.72	22.52	0.179	33.01	-10.49
		2535.0	-1.20	1 / 77	23.69	22.49	0.178	33.01	-10.52
		2562.5	-1.20	75 / 0	23.65	22.45	0.176	33.01	-10.56
	QPSK	2507.5	-1.20	1 / 36	23.79	22.59	0.181	33.01	-10.42
		2535.0	-1.20	1 / 77	23.70	22.50	0.178	33.01	-10.51
		2562.5	-1.20	1 / 1	23.64	22.44	0.175	33.01	-10.57
	16-QAM	2535.0	-1.20	1 / 77	22.65	21.45	0.140	33.01	-11.56
	64-QAM	2507.5	-1.20	75 / 0	21.85	20.65	0.116	33.01	-12.36
	256-QAM	2507.5	-1.20	75 / 0	19.89	18.69	0.074	33.01	-14.32
20 MHz	π/2 BPSK	2510.0	-1.20	100 / 0	23.78	22.58	0.181	33.01	-10.43
		2535.0	-1.20	100 / 0	23.84	22.64	0.184	33.01	-10.37
		2560.0	-1.20	100 / 0	23.84	22.64	0.184	33.01	-10.37
	QPSK	2510.0	-1.20	1 / 104	23.75	22.55	0.180	33.01	-10.46
		2535.0	-1.20	1 / 104	23.69	22.49	0.178	33.01	-10.52
		2560.0	-1.20	1 / 1	23.67	22.47	0.176	33.01	-10.54
	16-QAM	2560.0	-1.20	1 / 50	22.53	21.33	0.136	33.01	-11.68
	64-QAM	2510.0	-1.20	100 / 0	21.80	20.60	0.115	33.01	-12.41
	256-QAM	2535.0	-1.20	100 / 0	19.77	18.57	0.072	33.01	-14.44
25 MHz	π/2 BPSK	2512.5	-1.20	128 / 0	23.75	22.55	0.180	33.01	-10.46
		2535.0	-1.20	128 / 0	23.74	22.54	0.180	33.01	-10.47
		2557.5	-1.20	128 / 0	23.71	22.51	0.178	33.01	-10.50
	QPSK	2512.5	-1.20	1 / 64	23.78	22.58	0.181	33.01	-10.43
		2535.0	-1.20	1 / 64	23.68	22.48	0.177	33.01	-10.53
		2557.5	-1.20	1 / 64	23.64	22.44	0.175	33.01	-10.57
	16-QAM	2535.0	-1.20	1 / 64	22.52	21.32	0.135	33.01	-11.69
	64-QAM	2535.0	-1.20	128 / 0	21.86	20.66	0.116	33.01	-12.35
	256-QAM	2557.5	-1.20	128 / 0	19.83	18.63	0.073	33.01	-14.38
30 MHz	π/2 BPSK	2515.0	-1.20	1 / 158	23.74	22.54	0.179	33.01	-10.47
		2535.0	-1.20	160 / 0	23.74	22.54	0.179	33.01	-10.47
		2555.0	-1.20	1 / 1	23.69	22.49	0.177	33.01	-10.52
	QPSK	2515.0	-1.20	1 / 158	23.73	22.53	0.179	33.01	-10.48
		2535.0	-1.20	1 / 80	23.90	22.70	0.186	33.01	-10.31
		2555.0	-1.20	1 / 1	23.78	22.58	0.181	33.01	-10.43
	16-QAM	2555.0	-1.20	1 / 1	22.56	21.36	0.137	33.01	-11.65
	64-QAM	2535.0	-1.20	160 / 0	21.73	20.53	0.113	33.01	-12.48
	256-QAM	2535.0	-1.20	160 / 0	19.77	18.57	0.072	33.01	-14.44
35 MHz	π/2 BPSK	2517.5	-1.20	1 / 186	23.64	22.44	0.175	33.01	-10.57
		2535.0	-1.20	1 / 90	23.74	22.54	0.179	33.01	-10.47
		2562.5	-1.20	180 / 0	23.63	22.43	0.175	33.01	-10.58
	QPSK	2517.5	-1.20	1 / 90	23.80	22.60	0.182	33.01	-10.41
		2535.0	-1.20	1 / 1	23.79	22.59	0.182	33.01	-10.42
		2562.5	-1.20	1 / 1	23.70	22.50	0.178	33.01	-10.51
	16-QAM	2562.5	-1.20	1 / 90	22.47	21.27	0.134	33.01	-11.74
	64-QAM	2535.0	-1.20	180 / 0	21.75	20.55	0.114	33.01	-12.46
	256-QAM	2535.0	-1.20	180 / 0	19.81	18.61	0.073	33.01	-14.40
40 MHz	π/2 BPSK	2520.0	-1.20	216 / 0	23.84	22.64	0.184	33.01	-10.37
		2535.0	-1.20	216 / 0	23.82	22.62	0.183	33.01	-10.39
		2550.0	-1.20	1 / 1	23.71	22.51	0.178	33.01	-10.50
	QPSK	2520.0	-1.20	1 / 108	23.70	22.50	0.178	33.01	-10.51
		2535.0	-1.20	1 / 108	23.76	22.56	0.180	33.01	-10.45
		2550.0	-1.20	1 / 1	23.73	22.53	0.179	33.01	-10.48
	16-QAM	2550.0	-1.20	1 / 1	22.67	21.47	0.140	33.01	-11.54
	64-QAM	2520.0	-1.20	216 / 0	21.75	20.55	0.113	33.01	-12.46
	256-QAM	2520.0	-1.20	216 / 0	19.83	18.63	0.073	33.01	-14.38
50 MHz	π/2 BPSK	2525.0	-1.20	270 / 0	23.83	22.63	0.183	33.01	-10.38
		2535.0	-1.20	270 / 0	23.77	22.57	0.181	33.01	-10.44
		2545.0	-1.20	270 / 0	23.81	22.61	0.182	33.01	-10.40
	QPSK	2525.0	-1.20	1 / 135	23.65	22.45	0.176	33.01	-10.56
		2535.0	-1.20	1 / 135	23.74	22.54	0.179	33.01	-10.47
		2545.0	-1.20	1 / 135	23.69	22.49	0.177	33.01	-10.52
	16-QAM	2545.0	-1.20	1 / 135	22.47	21.27	0.134	33.01	-11.74
	64-QAM	2535.0	-1.20	270 / 0	21.80	20.60	0.115	33.01	-12.41
	256-QAM	2545.0	-1.20	270 / 0	19.90	18.70	0.074	33.01	-14.31

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

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	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	π/2 BPSK	2501.0	-2.30	1/22	28.01	25.71	0.372	33.01	-7.30	
		2593.0	-2.30	1/22	28.19	25.89	0.388	33.01	-7.12	
		2685.0	-2.30	1/22	28.04	25.74	0.375	33.01	-7.27	
		2501.0	-2.30	1/22	28.09	25.79	0.379	33.01	-7.22	
		2593.0	-2.30	1/22	28.26	25.96	0.394	33.01	-7.05	
	QPSK	2685.0	-2.30	1/22	28.15	25.85	0.385	33.01	-7.16	
		2593.0	-2.30	1/12	27.11	24.81	0.303	33.01	-8.20	
		2593.0	-2.30	1/12	25.77	23.47	0.222	33.01	-9.54	
		2593.0	-2.30	1/22	23.91	21.61	0.145	33.01	-11.40	
		2503.5	-2.30	1/36	28.13	25.83	0.383	33.01	-7.18	
15 MHz	π/2 BPSK	2593.0	-2.30	1/36	28.19	25.89	0.388	33.01	-7.12	
		2692.5	-2.30	1/18	28.07	25.77	0.378	33.01	-7.24	
		2503.5	-2.30	1/36	28.17	25.87	0.386	33.01	-7.14	
		2593.0	-2.30	1/18	28.31	26.01	0.399	33.01	-7.00	
		2692.5	-2.30	1/18	28.16	25.86	0.385	33.01	-7.15	
	QPSK	16-QAM	2593.0	-2.30	1/36	27.08	24.78	0.300	33.01	-8.23
		2593.0	-2.30	1/36	25.74	23.44	0.221	33.01	-9.57	
		2593.0	-2.30	1/36	23.83	21.53	0.142	33.01	-11.48	
		2596.0	-2.30	1/49	28.19	25.89	0.388	33.01	-7.12	
		2593.0	-2.30	1/25	28.12	25.82	0.382	33.01	-7.19	
20 MHz	π/2 BPSK	2680.0	-2.30	1/25	28.10	25.80	0.380	33.01	-7.21	
		2506.0	-2.30	1/49	28.08	25.78	0.378	33.01	-7.23	
		2593.0	-2.30	1/49	28.21	25.91	0.390	33.01	-7.10	
		2680.0	-2.30	1/25	28.15	25.85	0.385	33.01	-7.16	
		2593.0	-2.30	1/25	25.74	23.44	0.221	33.01	-9.57	
	QPSK	16-QAM	2593.0	-2.30	1/25	25.74	23.44	0.221	33.01	-9.57
		2593.0	-2.30	1/25	23.86	21.56	0.143	33.01	-11.45	
		2508.5	-2.30	1/63	28.13	25.83	0.383	33.01	-7.18	
		2593.0	-2.30	1/32	28.15	25.85	0.384	33.01	-7.16	
		2677.5	-2.30	1/32	28.12	25.82	0.382	33.01	-7.19	
25 MHz	π/2 BPSK	2593.0	-2.30	1/32	28.02	25.72	0.373	33.01	-7.28	
		2593.0	-2.30	1/32	28.17	25.87	0.386	33.01	-7.14	
		2677.5	-2.30	1/32	28.14	25.84	0.384	33.01	-7.17	
		2593.0	-2.30	1/32	27.25	24.95	0.312	33.01	-8.06	
		2593.0	-2.30	1/32	25.70	23.40	0.219	33.01	-9.61	
	QPSK	16-QAM	2593.0	-2.30	1/32	25.70	23.40	0.219	33.01	-9.61
		2593.0	-2.30	1/32	23.84	21.54	0.143	33.01	-11.47	
		2511.0	-2.30	1/36	28.15	25.85	0.385	33.01	-7.16	
		2593.0	-2.30	1/36	28.17	25.87	0.386	33.01	-7.14	
		2675.0	-2.30	1/36	28.11	25.81	0.381	33.01	-7.20	
30 MHz	π/2 BPSK	2511.0	-2.30	1/36	28.12	25.82	0.382	33.01	-7.19	
		2675.0	-2.30	1/36	28.16	25.86	0.384	33.01	-7.17	
		2593.0	-2.30	1/36	28.14	25.84	0.383	33.01	-7.17	
		16-QAM	2593.0	-2.30	1/36	27.34	25.04	0.319	33.01	-7.97
		2593.0	-2.30	1/76	25.72	23.42	0.220	33.01	-9.60	
	QPSK	256-QAM	2593.0	-2.30	1/76	23.94	21.64	0.146	33.01	-11.37
		2513.5	-2.30	1/90	28.17	25.87	0.386	33.01	-7.14	
		2593.0	-2.30	1/45	28.13	25.83	0.383	33.01	-7.18	
		2672.5	-2.30	1/90	28.10	25.80	0.380	33.01	-7.21	
		2513.5	-2.30	1/90	28.23	25.93	0.392	33.01	-7.08	
35 MHz	π/2 BPSK	2593.0	-2.30	1/45	28.29	25.99	0.397	33.01	-7.02	
		2672.5	-2.30	1/45	28.21	25.91	0.390	33.01	-7.10	
		2593.0	-2.30	1/45	27.22	24.92	0.311	33.01	-8.09	
		2513.5	-2.30	1/90	25.75	23.45	0.221	33.01	-9.56	
		2593.0	-2.30	1/90	23.89	21.59	0.144	33.01	-11.42	
	QPSK	16-QAM	2516.0	-2.30	1/104	28.26	25.96	0.394	33.01	-7.05
		2593.0	-2.30	1/50	28.18	25.88	0.387	33.01	-7.13	
		2670.0	-2.30	1/50	28.20	25.90	0.389	33.01	-7.11	
		2516.0	-2.30	1/104	28.28	25.98	0.396	33.01	-7.03	
		2593.0	-2.30	1/50	28.22	25.92	0.391	33.01	-7.08	
40 MHz	π/2 BPSK	2670.0	-2.30	1/50	28.18	25.88	0.387	33.01	-7.13	
		2516.0	-2.30	1/104	28.28	25.98	0.396	33.01	-7.03	
		2593.0	-2.30	1/50	28.22	25.92	0.391	33.01	-7.08	
		2670.0	-2.30	1/50	28.18	25.88	0.387	33.01	-7.13	
		2516.0	-2.30	1/104	27.10	24.80	0.302	33.01	-8.21	
	QPSK	256-QAM	2516.0	-2.30	1/104	25.74	23.44	0.221	33.01	-9.57
		2516.0	-2.30	1/104	23.93	21.63	0.146	33.01	-11.36	
		2518.5	-2.30	1/117	28.29	25.99	0.397	33.01	-7.02	
		2593.0	-2.30	1/117	28.19	25.89	0.388	33.01	-7.12	
		2667.5	-2.30	1/54	28.19	25.89	0.388	33.01	-7.12	
45 MHz	π/2 BPSK	2518.5	-2.30	1/117	28.29	25.99	0.397	33.01	-7.02	
		2667.5	-2.30	1/54	28.13	25.83	0.383	33.01	-7.18	
		2593.0	-2.30	1/54	27.22	24.92	0.310	33.01	-8.09	
		2518.5	-2.30	1/117	25.75	23.45	0.221	33.01	-9.56	
		2593.0	-2.30	1/117	23.96	21.66	0.147	33.01	-11.35	
	QPSK	256-QAM	2521.0	-2.30	1/131	28.19	25.89	0.388	33.01	-7.12
		2593.0	-2.30	1/64	28.25	25.95	0.394	33.01	-7.06	
		2665.0	-2.30	1/64	28.16	25.86	0.385	33.01	-7.15	
		2521.0	-2.30	1/131	28.05	25.75	0.376	33.01	-7.26	
		2593.0	-2.30	1/64	28.30	26.00	0.398	33.01	-7.01	
50 MHz	π/2 BPSK	2665.0	-2.30	1/64	28.16	25.86	0.387	33.01	-7.13	
		2593.0	-2.30	1/64	27.07	24.77	0.300	33.01	-8.24	
		2593.0	-2.30	1/64	25.74	23.44	0.221	33.01	-9.57	
		2593.0	-2.30	1/131	23.85	21.55	0.143	33.01	-11.46	
		2526.0	-2.30	1/81	28.17	25.87	0.386	33.01	-7.14	
	QPSK	16-QAM	2593.0	-2.30	1/81	28.19	25.89	0.388	33.01	-7.12
		2660.0	-2.30	1/160	28.20	25.90	0.389	33.01	-7.11	
		2526.0	-2.30	1/81	28.17	25.87	0.386	33.01	-7.14	
		2593.0	-2.30	1/81	28.21	25.91	0.390	33.01	-7.10	
		2660.0	-2.30	1/81	28.18	25.88	0.387	33.01	-7.13	
60 MHz	π/2 BPSK	2526.0	-2.30	1/81	27.06	24.76	0.299	33.01	-8.26	
		2593.0	-2.30	1/160	25.71	23.41	0.219	33.01	-9.60	
		2593.0	-2.30	1/81	23.85	21.55	0.143	33.01	-11.46	
		2531.0	-2.30	1/90	28.21	25.91	0.390	33.01	-7.10	
		2593.0	-2.30	1/90	28.18	25.88	0.388	33.01	-7.13	
	QPSK	256-QAM	2655.0	-2.30	1/90	28.21	25.91	0.390	33.01	-7.10
		2531.0	-2.30	1/90	28.27	25.97	0.395	33.01	-7.04	
		2593.0	-2.30	1/90	28.24	25.94	0.393	33.01	-7.07	
		2593.0	-2.30	1/90	27.10	24.80	0.302	33.01	-8.21	
		2531.0	-2.30	1/90	25.79	23.49	0.224	33.01	-9.52	
70 MHz	π/2 BPSK	2536.0	-2.30	1/108	28.19	25.89	0.388	33.01	-7.12	
		2593.0	-2.30	1/108	28.19	25.89	0.388	33.01	-7.12	
		2650.0	-2.30	1/108	28.35	26.05	0.403	33.01	-6.96	
		2536.0	-2.30	1/108	28.48	26.18	0.415	33.01	-6.83	
		2593.0	-2.30	1/215	28.24	25.94	0.393	33.01	-7.07	
	QPSK	16-QAM	2650.0	-2.30	1/108	28.23	25.93	0.392	33.01	-7.08
		2650.0	-2.30	1/108	27.19	24.89	0.308	33.01	-8.12	
		2593.0	-2.30	1/108	25.84	23.54	0.226	33.01	-9.47	
		2593.0	-2.30	1/108	24.03	21.73	0.149	33.01	-11.28	
		2541.0	-2.30	1/120	28.01	25.71	0.372	33.01	-7.30	
80 MHz	π/2 BPSK	2541.0	-2.30	1/120	28.25	25.95	0.393	33.01	-7.06	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
		2541.0	-2.30	1/120	28.28	25.98	0.396	33.01	-7.04	
		2593.0	-2.30	1/120	28.27	25.97	0.395	33.01	-7.05	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
	QPSK	16-QAM	2645.0	-2.30	1/120	27.20	24.90	0.313	33.01	-8.04
		2593.0	-2.30	1/243	28.25	25.95	0.393	33.01	-7.06	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
		2593.0	-2.30	1/120	28.27	25.97	0.395	33.01	-7.05	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
90 MHz	π/2 BPSK	2541.0	-2.30	1/120	28.25	25.95	0.393	33.01	-7.06	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
		2541.0	-2.30	1/120	28.28	25.98	0.396	33.01	-7.04	
		2593.0	-2.30	1/120	28.27	25.97	0.395	33.01	-7.05	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
	QPSK	16-QAM	2645.0	-2.30	1/120	27.20	24.90	0.313	33.01	-8.04
		2593.0	-2.30	1/120	28.27	25.97	0.395	33.01	-7.05	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
		2593.0	-2.30	1/120	28.27	25.97	0.395	33.01	-7.05	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
100 MHz	π/2 BPSK	2541.0	-2.30	1/120	28.25	25.95	0.393	33.01	-7.06	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
		2541.0	-2.30	1/120	28.28	25.98	0.396	33.01	-7.04	
		2593.0	-2.30	1/120	28.27	25.97	0.395	33.01	-7.05	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
	QPSK	16-QAM	2645.0	-2.30	1/120	27.20	24.90	0.313	33.01	-8.04
		2593.0	-2.30	1/120	28.27	25.97	0.395	33.01	-7.05	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	
		2593.0	-2.30	1/120	28.27	25.97	0.395	33.01	-7.05	
		2645.0	-2.30	1/120	28.30	26.00	0.398	33.01	-7.01	

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	11/2 BPSK	2501.0	-2.30	1/12	25.28	22.98	0.199	33.01	-10.03	
		2593.0	-2.30	1/12	25.24	22.94	0.197	33.01	-10.07	
		2685.0	-2.30	1/12	25.10	22.80	0.190	33.01	-10.21	
		2501.0	-2.30	1/12	25.38	23.08	0.203	33.01	-9.93	
		2593.0	-2.30	1/12	25.34	23.04	0.202	33.01	-9.97	
	QPSK	2685.0	-2.30	1/12	25.21	22.91	0.195	33.01	-10.10	
		16-QAM	2501.0	-2.30	1/12	24.22	21.92	0.156	33.01	-11.09
		64-QAM	2501.0	-2.30	1/12	22.89	20.59	0.114	33.01	-12.42
		256-QAM	2501.0	-2.30	1/22	21.10	18.80	0.076	33.01	-14.21
		2503.5	-2.30	1/18	25.26	22.96	0.198	33.01	-10.05	
15 MHz	11/2 BPSK	2593.0	-2.30	1/36	25.22	22.92	0.196	33.01	-10.09	
		2682.5	-2.30	1/18	25.12	22.82	0.191	33.01	-10.19	
		2503.5	-2.30	1/36	25.31	23.01	0.200	33.01	-10.00	
		2593.0	-2.30	1/36	25.33	23.03	0.201	33.01	-9.98	
		2682.5	-2.30	1/18	25.22	22.92	0.196	33.01	-10.09	
	QPSK	16-QAM	2503.5	-2.30	1/36	24.42	22.12	0.163	33.01	-10.89
		64-QAM	2503.5	-2.30	1/36	23.01	20.71	0.118	33.01	-12.30
		256-QAM	2503.5	-2.30	1/36	21.05	18.75	0.075	33.01	-14.26
		2506.0	-2.30	1/49	25.26	22.96	0.198	33.01	-10.05	
		2593.0	-2.30	1/49	25.27	22.97	0.198	33.01	-10.04	
20 MHz	11/2 BPSK	2680.0	-2.30	1/25	25.15	22.85	0.193	33.01	-10.18	
		2506.0	-2.30	1/49	25.34	23.04	0.201	33.01	-9.97	
		2593.0	-2.30	1/25	25.29	22.99	0.199	33.01	-10.02	
		2680.0	-2.30	1/25	25.20	22.90	0.195	33.01	-10.11	
		16-QAM	2506.0	-2.30	1/49	22.84	20.54	0.113	33.01	-12.47
	QPSK	256-QAM	2506.0	-2.30	1/49	21.01	18.71	0.074	33.01	-14.30
		2508.5	-2.30	1/32	25.29	22.99	0.199	33.01	-10.02	
		2593.0	-2.30	1/32	25.25	22.95	0.197	33.01	-10.06	
		2677.5	-2.30	1/32	25.19	22.89	0.195	33.01	-10.12	
		16-QAM	2508.5	-2.30	1/32	24.22	21.92	0.156	33.01	-11.09
25 MHz	11/2 BPSK	2593.0	-2.30	1/32	22.87	20.57	0.114	33.01	-12.44	
		256-QAM	2593.0	-2.30	1/32	21.05	18.75	0.075	33.01	-14.26
		2511.0	-2.30	1/76	25.26	22.96	0.198	33.01	-10.05	
		2593.0	-2.30	1/76	25.22	22.92	0.196	33.01	-10.09	
		2675.0	-2.30	1/36	25.17	22.87	0.194	33.01	-10.14	
	QPSK	16-QAM	2511.0	-2.30	1/76	25.33	23.03	0.201	33.01	-9.98
		2593.0	-2.30	1/32	25.25	22.95	0.197	33.01	-10.06	
		2677.5	-2.30	1/32	25.18	22.88	0.194	33.01	-10.13	
		2508.5	-2.30	1/32	25.27	22.97	0.198	33.01	-10.04	
		2593.0	-2.30	1/32	25.25	22.95	0.197	33.01	-10.06	
30 MHz	11/2 BPSK	2675.0	-2.30	1/36	25.22	22.92	0.196	33.01	-10.09	
		2511.0	-2.30	1/76	25.33	23.03	0.201	33.01	-9.98	
		2593.0	-2.30	1/76	25.28	22.98	0.199	33.01	-10.03	
		2675.0	-2.30	1/36	25.22	22.92	0.196	33.01	-10.09	
		16-QAM	2593.0	-2.30	1/76	24.20	21.90	0.155	33.01	-11.11
	QPSK	64-QAM	2511.0	-2.30	1/76	22.91	20.61	0.115	33.01	-12.40
		256-QAM	2511.0	-2.30	1/76	21.05	18.75	0.075	33.01	-14.26
		2513.5	-2.30	1/45	25.21	22.91	0.196	33.01	-10.10	
		2593.0	-2.30	1/45	25.24	22.94	0.197	33.01	-10.07	
		2672.5	-2.30	1/45	25.22	22.92	0.196	33.01	-10.09	
35 MHz	11/2 BPSK	2593.0	-2.30	1/45	25.22	22.92	0.196	33.01	-10.09	
		2672.5	-2.30	1/45	25.22	22.92	0.196	33.01	-10.09	
		2593.0	-2.30	1/45	25.22	22.92	0.196	33.01	-10.09	
		2513.5	-2.30	1/45	25.23	23.03	0.201	33.01	-9.98	
		2593.0	-2.30	1/45	25.29	22.99	0.199	33.01	-10.02	
	QPSK	16-QAM	2672.5	-2.30	1/45	25.22	22.92	0.196	33.01	-10.09
		64-QAM	2513.5	-2.30	1/45	24.36	22.06	0.161	33.01	-10.95
		256-QAM	2513.5	-2.30	1/90	22.85	20.55	0.114	33.01	-12.46
		2593.0	-2.30	1/45	25.11	22.81	0.196	33.01	-10.10	
		2516.0	-2.30	1/50	25.33	23.03	0.201	33.01	-9.98	
40 MHz	11/2 BPSK	2593.0	-2.30	1/104	25.31	23.01	0.200	33.01	-10.00	
		2670.0	-2.30	1/50	25.24	22.94	0.197	33.01	-10.07	
		2516.0	-2.30	1/50	25.33	23.03	0.201	33.01	-9.98	
		2593.0	-2.30	1/104	25.27	22.97	0.198	33.01	-10.04	
		2670.0	-2.30	1/50	25.29	22.99	0.199	33.01	-10.02	
	QPSK	16-QAM	2593.0	-2.30	1/104	24.37	22.07	0.161	33.01	-10.94
		64-QAM	2593.0	-2.30	1/104	22.90	20.60	0.115	33.01	-12.41
		256-QAM	2516.0	-2.30	1/104	21.05	18.75	0.075	33.01	-14.26
		2516.5	-2.30	1/54	25.30	23.00	0.200	33.01	-10.01	
		2593.0	-2.30	1/117	25.21	22.91	0.195	33.01	-10.10	
45 MHz	11/2 BPSK	2667.5	-2.30	1/54	25.14	22.84	0.192	33.01	-10.17	
		2518.5	-2.30	1/117	25.33	23.03	0.201	33.01	-9.98	
		2593.0	-2.30	1/117	25.28	22.98	0.199	33.01	-10.03	
		2667.5	-2.30	1/54	25.22	22.92	0.196	33.01	-10.09	
		16-QAM	2518.5	-2.30	1/54	24.37	22.07	0.161	33.01	-10.94
	QPSK	64-QAM	2518.5	-2.30	1/117	22.79	20.49	0.112	33.01	-12.52
		256-QAM	2593.0	-2.30	1/117	21.04	18.74	0.075	33.01	-14.27
		2521.0	-2.30	1/64	25.27	22.97	0.198	33.01	-10.04	
		2593.0	-2.30	1/64	25.21	22.91	0.195	33.01	-10.11	
		2665.0	-2.30	1/64	25.28	22.98	0.199	33.01	-10.03	
50 MHz	11/2 BPSK	2521.0	-2.30	1/64	25.37	23.07	0.203	33.01	-9.94	
		2593.0	-2.30	1/64	25.32	23.02	0.201	33.01	-9.95	
		2665.0	-2.30	1/64	25.27	22.97	0.198	33.01	-10.04	
		16-QAM	2521.0	-2.30	1/64	24.34	22.04	0.160	33.01	-10.97
		64-QAM	2521.0	-2.30	1/64	22.89	20.59	0.114	33.01	-12.42
	QPSK	256-QAM	2521.0	-2.30	1/64	21.07	18.77	0.075	33.01	-14.24
		2526.0	-2.30	1/160	25.23	22.93	0.196	33.01	-10.08	
		2593.0	-2.30	1/81	25.19	22.89	0.195	33.01	-10.12	
		2660.0	-2.30	1/81	25.22	22.92	0.196	33.01	-10.09	
		2526.0	-2.30	1/160	25.21	22.91	0.195	33.01	-10.10	
60 MHz	11/2 BPSK	2593.0	-2.30	1/81	25.19	22.89	0.195	33.01	-10.12	
		2660.0	-2.30	1/81	25.22	22.92	0.196	33.01	-10.09	
		2526.0	-2.30	1/81	24.41	22.11	0.163	33.01	-10.90	
		16-QAM	2660.0	-2.30	1/81	22.99	20.69	0.117	33.01	-12.32
		2593.0	-2.30	1/81	21.08	18.78	0.075	33.01	-14.23	
	QPSK	2531.0	-2.30	1/187	25.07	22.77	0.189	33.01	-10.24	
		2593.0	-2.30	1/187	25.14	22.84	0.192	33.01	-10.17	
		2650.0	-2.30	1/90	25.25	22.95	0.197	33.01	-10.07	
		16-QAM	2531.0	-2.30	1/90	25.23	22.93	0.196	33.01	-10.08
		2593.0	-2.30	1/90	25.27	22.97	0.198	33.01	-10.04	
70 MHz	11/2 BPSK	2650.0	-2.30	1/90	25.20	22.90	0.195	33.01	-10.11	
		16-QAM	2650.0	-2.30	1/90	24.21	21.91	0.155	33.01	-11.10
		64-QAM	2593.0	-2.30	1/187	22.70	20.40	0.110	33.01	-12.61
		256-QAM	2531.0	-2.30	1/187	20.95	18.65	0.073	33.01	-14.36
		2536.0	-2.30	1/108	25.21	22.91	0.196	33.01	-10.10	
	QPSK	2593.0	-2.30	1/108	25.16	22.86	0.193	33.01	-10.15	
		2650.0	-2.30	1/108	25.30	23.00	0.204	33.01	-9.92	
		16-QAM	2536.0	-2.30	1/108	25.34	23.04	0.202	33.01	-9.97
		64-QAM	2593.0	-2.30	1/108	25.30	23.00	0.199	33.01	-10.01
		2650.0	-2.30	1/108	25.38	23.08	0.202	33.01	-9.95	
80 MHz	11/2 BPSK	2536.0	-2.30	1/108	25.34	23.04	0.202	33.01	-9.97	
		2593.0	-2.30	1/108	25.30	23.00	0.199	33.01	-10.01	
		2650.0	-2.30	1/108	25.36	23.06	0.202	33.01	-9.95	
		16-QAM	2536.0	-2.30	1/108	24.21	21.91	0.155	33.01	-11.10
		64-QAM	2650.0	-2.30	1/108	22.86	20.56	0.114	33.01	-12.45
	QPSK	256-QAM	2536.0	-2.30	1/108	21.06	18.76	0.075	33.01	-14.25
		2541.0	-2.30	1/120	25.14	22.84	0.192	33.01	-10.17	
		2593.0	-2.30	1/120	25.22	22.92	0.196	33.01	-10.09	
		2645.0	-2.30	1/120	25.30	23.00	0.199	33.01	-10.01	
		16-QAM	2541.0	-2.30	1/120	25.34	23.04	0.201	33.01	-9.97
90 MHz	11/2 BPSK	2593.0	-2.30	1/243	25.35	23.05	0.202	33.01	-9.96	
		2645.0	-2.30	1/120	25.37	23.07	0.203	33.01	-9.94	
		16-QAM	2593.0	-2.30	1/120	24.21	21.91	0.155	33.01	-11.10
		64-QAM	2541.0	-2.30	1/120	22.96	20.66	0.116	33.01	-12.35
		2593.0	-2.30	1/120	21.09	18.79	0.076	33.01	-14.22	
	QPSK	2541.0	-2.30	1/135	25.29	22.99	0.199	33.01	-10.02	
		2640.0	-2.30	1/135	25.19	22.88	0.194	33.01	-10.13	
		16-QAM	2640.0	-2.30	1/135	25.30	23.00	0.200	33.01	-10.01
		64-QAM	2540.0	-2.30	1/135	25.22	22.92	0.196	33.01	-10.09
		2593.0	-2.30	1/135	25.20	22.90	0.195	33.01	-10.11	
100 MHz	11/2 BPSK	2640.0	-2.30	1/135	25.45	23.15	0.206	33.01	-9.87	
		16-QAM	2640.0	-2.30	1/135	24.22	21.92	0.156	33.01	-11.09
		64-QAM	2593.0	-2.30	1/135	22.97	20.67	0.117	33.01	-12.34
		256-QAM	2640.0	-2.30	1/135	21.09	18.79	0.076	33.01	-14.23
		2540.0	-2.30	1/135	25.25	22.95	0.197	33.01	-10.07	
	QPSK	2593.0	-2.30	1/135	25.22	22.92	0.196	33.01	-10.09	
		2640.0	-2.30	1/135						

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			Modulation	UL Channel	UL								
					Frequency	UL # RB	UL RB Offset			Frequency	UL # RB	UL RB Offset						
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	23.85	-1.20	22.65	0.184	33.01	-10.36
				21100	2535.0	1	99		21298	2554.8	1	0	23.94	-1.20	22.74	0.188	33.01	-10.27
			QPSK	21350	2560.0	1	0	21152	2540.2	1	99	23.88	-1.20	22.68	0.185	33.01	-10.33	
				QPSK	21100	2535	100	0	QPSK	21298	2554.8	100	0	23.25	-1.20	22.05	0.160	33.01
			16-QAM	21100	2535	100	0	16-QAM	21298	2554.8	100	0	22.19	-1.20	20.99	0.126	33.01	-12.02
			64-QAM	21100	2535	100	0	64-QAM	21298	2554.8	100	0	21.31	-1.20	20.11	0.103	33.01	-12.90
			256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	19.28	-1.20	18.08	0.064	33.01	-14.93

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

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	27.25	-2.30	24.95	0.313	33.01	-8.06
				39790	2510.0	1	99		39988	2529.8	1	0	27.21	-2.30	24.91	0.310	33.01	-8.10
				40620	2593.0	1	99		40818	2612.8	1	0	27.96	-2.30	25.66	0.368	33.01	-7.35
				41490	2680.0	1	0		41292	2660.2	1	99	27.15	-2.30	24.85	0.305	33.01	-8.16
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	27.26	-2.30	24.96	0.313	33.01	-8.05
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	26.33	-2.30	24.03	0.253	33.01	-8.98
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	25.28	-2.30	22.98	0.199	33.01	-10.03
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	22.37	-2.30	20.07	0.102	33.01	-12.94

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

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	24.53	-2.30	22.23	0.167	33.01	-10.78
				39790	2510.0	1	99		39988	2529.8	1	0	24.43	-2.30	22.13	0.163	33.01	-10.88
				40620	2593.0	1	99		40818	2612.8	1	0	25.39	-2.30	23.09	0.204	33.01	-9.92
				41490	2680.0	1	0		41292	2660.2	1	99	24.41	-2.30	22.11	0.163	33.01	-10.90
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.34	-2.30	22.04	0.160	33.01	-10.97
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.42	-2.30	21.12	0.129	33.01	-11.89
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.39	-2.30	20.09	0.102	33.01	-12.92
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	19.45	-2.30	17.15	0.052	33.01	-15.86

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

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7.6 Radiated Spurious Emissions

§2.1053, 27.53(a), 27.53(m)

Test Overview

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

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.8

Test Settings

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

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Test Setup

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

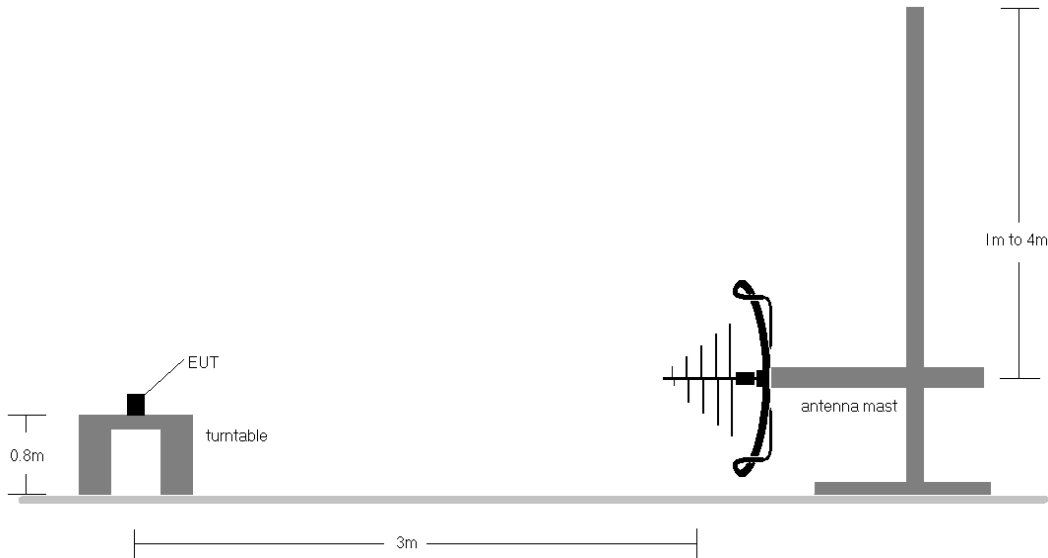


Figure 7-9. Test Instrument & Measurement Setup < 1GHz

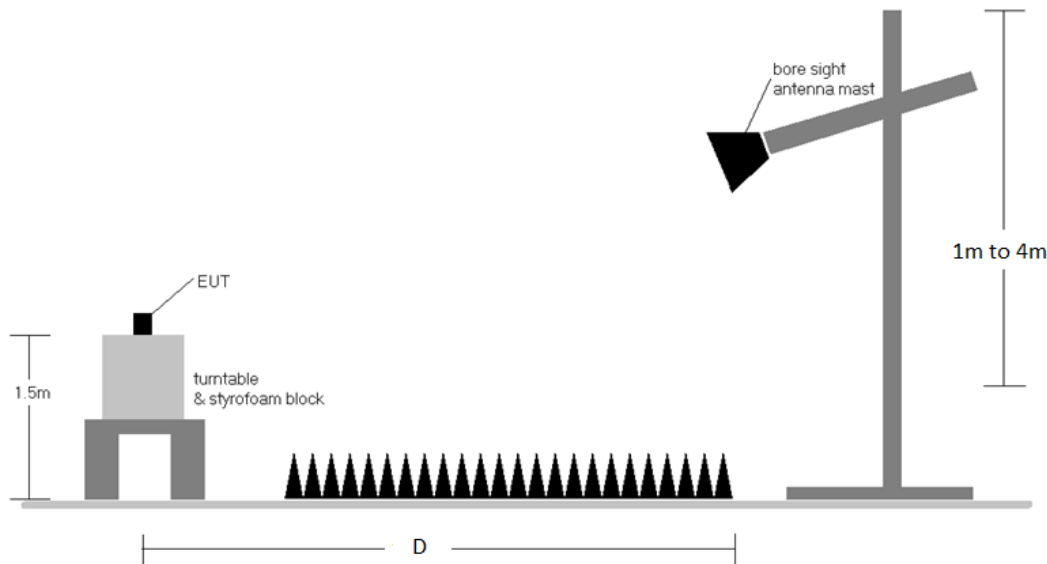


Figure 7-10. Test Instrument & Measurement Setup >1 GHz

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Test Notes

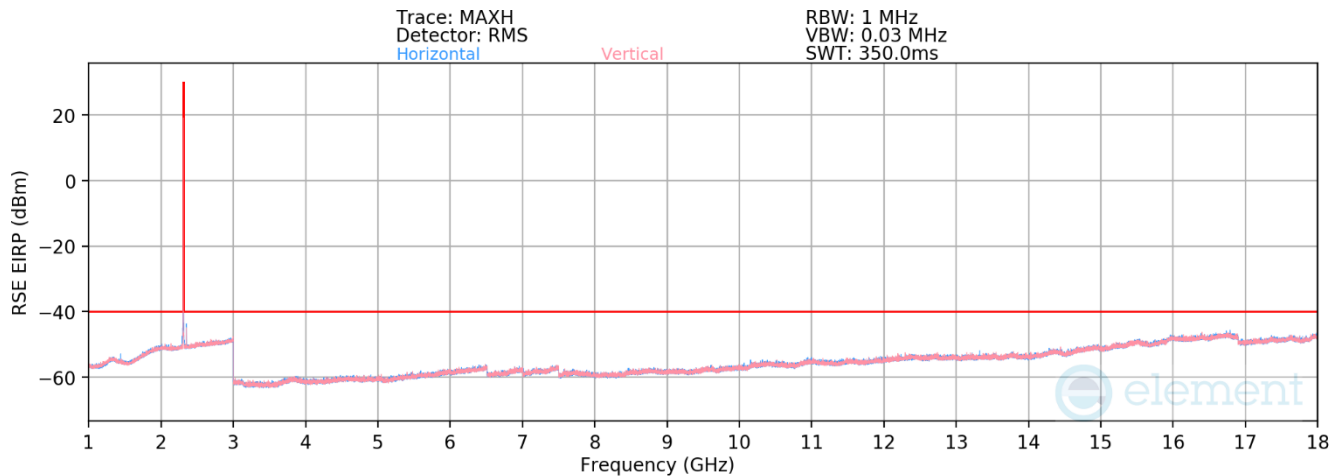
1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 D01 v03r01 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
3. This unit was tested with its standard battery.
4. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
5. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
6. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
7. Uplink carrier aggregation intra-band radiated spurious emissions measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. The worst case (highest) emissions were found while operating with QPSK modulation with both carriers set to transmit using 1RB.
8. Uplink carrier aggregation for LTE Band 7 is only supported in this EUT while operating in Power Class 3.
9. Uplink carrier aggregation for LTE Band 41 is supported in this EUT while operating in Power Class 2 and Power Class 3.
10. Uplink carrier aggregation inter-band emission was investigated and found to not be the worst case.
11. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.
12. Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor) has been checked and was found to not to be the worst case.
13. For LTE Band 30 pre-scans above 1GHz, the RBW is set to 1MHz and VBW to 30kHz. For final measurements above 1GHz, the RBW is set to 1MHz and VBW to 3MHz when measuring with an RMS detector and trace averaging.
14. Pre-scan plots have been reported for the highest power antenna while measurements have been reported for all antennas.

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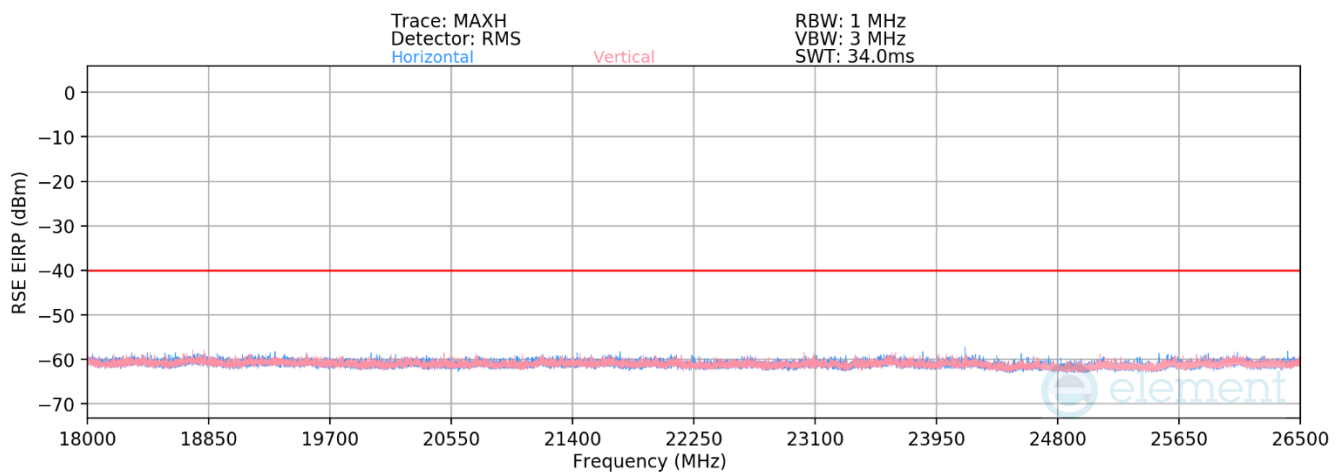
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7.6.1 Antenna 4b Radiated Spurious Emission Measurements

LTE Band 30



Plot 7-404. Antenna 4b Radiated Spurious Plot 1GHz – 18GHz (LTE Band 30)



Plot 7-405. Antenna 4b Radiated Spurious Emission above 18GHz (LTE Band 30)

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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	-	-	-77.26	2.91	32.65	-62.61	-40.00	-22.61
6922.5	H	-	-	-77.87	5.39	34.52	-60.74	-40.00	-20.74
9230.0	V	-	-	-78.03	6.32	35.29	-59.97	-40.00	-19.97

Table 7-46. Radiated Spurious Data (LTE Band 30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-77.22	2.74	32.51	-62.74	-40.00	-22.74
6930.0	V	-	-	-77.72	5.39	34.68	-60.58	-40.00	-20.58
9240.0	H	-	-	-78.35	6.35	35.00	-60.25	-40.00	-20.25

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-77.34	2.91	32.57	-62.69	-40.00	-22.69
6937.50	H	-	-	-78.28	5.66	34.38	-60.87	-40.00	-20.87
9250.00	H	-	-	-78.11	6.23	35.12	-60.13	-40.00	-20.13

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

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LTE Band 7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.36	2.77	32.41	-62.85	-25.00	-37.85
7530.0	H	-	-	-78.41	5.73	34.32	-60.93	-25.00	-35.93
10040.0	V	-	-	-78.50	7.71	36.21	-59.05	-25.00	-34.05

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.35	3.07	32.72	-62.54	-25.00	-37.54
7605.0	V	-	-	-78.43	6.19	34.76	-60.50	-25.00	-35.50
10140.0	H	-	-	-78.57	7.83	36.27	-58.99	-25.00	-33.99

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-77.67	3.20	32.53	-62.72	-25.00	-37.72
7680.00	V	-	-	-77.99	5.81	34.82	-60.43	-25.00	-35.43
10240.00	H	-	-	-79.46	8.31	35.85	-59.41	-25.00	-34.41

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

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LTE Band 41

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-76.87	2.69	32.82	-62.44	-25.00	-37.44
7518.0	H	-	-	-77.68	5.72	35.05	-60.21	-25.00	-35.21
10024.0	V	-	-	-77.78	7.71	36.92	-58.33	-25.00	-33.33

Table 7-52. Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.25	3.16	32.91	-62.35	-25.00	-37.35
7779.0	H	-	-	-77.45	5.69	35.24	-60.02	-25.00	-35.02
10372.0	H	-	-	-77.90	8.45	37.55	-57.71	-25.00	-32.71

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-76.84	3.26	33.42	-61.84	-25.00	-36.84
8040.0	V	230	15	-72.22	5.85	40.64	-54.62	-25.00	-29.62
10720.0	V	-	-	-78.55	8.99	37.44	-57.82	-25.00	-32.82
13400.0	V	-	-	-80.25	13.13	39.89	-55.37	-25.00	-30.37
16080.0	V	-	-	-80.70	18.21	44.51	-50.75	-25.00	-25.75

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

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NR Band n30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-77.65	3.96	33.32	-61.94	-40.00	-21.94
6922.5	V	-	-	-78.54	8.14	36.60	-58.65	-40.00	-18.65
9230.0	V	-	-	-78.87	8.21	36.34	-58.92	-40.00	-18.92

Table 7-55. Radiated Spurious Data (NR Band n30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-77.35	3.77	33.42	-61.84	-40.00	-21.84
6930.0	H	-	-	-79.07	8.40	36.33	-58.93	-40.00	-18.93
9240.0	V	-	-	-78.96	8.25	36.29	-58.97	-40.00	-18.97

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	V	-	-	-77.40	3.96	33.57	-61.69	-40.00	-21.69
6937.5	V	-	-	-78.46	7.93	36.47	-58.79	-40.00	-18.79
9250.0	V	-	-	-78.95	8.25	36.30	-58.96	-40.00	-18.96

Table 7-57. 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	H	-	-	-77.73	4.56	33.84	-61.42	-25.00	-36.42
7575.0	V	-	-	-79.40	8.16	35.76	-59.50	-25.00	-34.50
10100.0	V	-	-	-78.94	9.28	37.33	-57.93	-25.00	-32.93

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-78.08	4.72	33.65	-61.61	-25.00	-36.61
7605.0	V	-	-	-79.12	7.95	35.84	-59.42	-25.00	-34.42
10140.0	V	-	-	-78.71	9.28	37.58	-57.68	-25.00	-32.68

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5090.0	H	-	-	-78.05	4.77	33.72	-61.54	-25.00	-36.54
7635.0	V	-	-	-79.31	8.12	35.81	-59.45	-25.00	-34.45
10180.0	V	-	-	-78.99	9.45	37.46	-57.80	-25.00	-32.80

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41

Bandwidth (MHz):	100
Frequency (MHz):	2546.0
RB / Offset:	1 / 136

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-77.09	3.07	32.99	-62.27	-25.00	-37.27
7638.0	V	-	-	-77.76	5.86	35.10	-60.16	-25.00	-35.16
10184.0	V	-	-	-78.31	8.13	36.83	-58.43	-25.00	-33.43

Table 7-61. Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2593.0
RB / Offset:	1 / 136

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-77.24	4.75	34.51	-60.75	-25.00	-35.75
7779.0	V	-	-	-78.46	8.10	36.63	-58.63	-25.00	-33.63
10372.0	V	-	-	-78.43	9.17	37.73	-57.52	-25.00	-32.52

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-77.35	5.25	34.90	-60.36	-25.00	-35.36
7920.0	H	-	-	-78.74	8.36	36.62	-58.64	-25.00	-33.64
10560.0	H	-	-	-78.65	9.46	37.81	-57.45	-25.00	-32.45

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 7

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2510.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2529.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.38	2.77	32.39	-62.87	-25.00	-37.87
7530.0	H	-	-	-78.35	6.19	34.84	-60.42	-25.00	-35.42
10040.0	H	-	-	-79.03	8.23	36.20	-59.06	-25.00	-34.06

Table 7-64. Radiated Spurious Data (ULCA LTE Band 7 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.49	3.07	32.58	-62.68	-25.00	-37.68
7605.0	V	-	-	-78.37	5.86	34.50	-60.76	-25.00	-35.76
10140.0	V	-	-	-78.38	8.13	36.75	-58.51	-25.00	-33.51

Table 7-65. Radiated Spurious Data (ULCA LTE Band 7 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-77.49	3.03	32.54	-62.72	-25.00	-37.72
7680.0	V	-	-	-78.29	5.98	34.69	-60.56	-25.00	-35.56
10240.0	V	-	-	-78.58	8.13	36.55	-58.71	-25.00	-33.71

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

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ULCA - LTE Band 41

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-76.88	2.77	32.89	-62.36	-25.00	-37.36
7518.0	V	-	-	-77.86	6.01	35.14	-60.11	-25.00	-35.11
10024.0	H	-	-	-78.28	8.23	36.94	-58.31	-25.00	-33.31

Table 7-67. Radiated Spurious Data (ULCA LTE Band 41 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-77.11	3.16	33.05	-62.21	-25.00	-37.21
7779.0	V	-	-	-77.27	5.54	35.27	-59.98	-25.00	-34.98
10372.0	H	-	-	-77.74	8.45	37.72	-57.54	-25.00	-32.54

Table 7-68. Radiated Spurious Data (ULCA LTE Band 41 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-77.02	3.27	33.25	-62.01	-25.00	-37.01
8040.0	H	-	-	-77.60	5.81	35.20	-60.05	-25.00	-35.05
10720.0	V	-	-	-78.38	8.97	37.59	-57.66	-25.00	-32.66

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

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7.6.2 Antenna 1 Radiated Spurious Emission Measurements

LTE Band 30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-77.23	2.74	32.51	-62.75	-40.00	-22.75
6922.5	H	-	-	-78.14	5.66	34.52	-60.73	-40.00	-20.73
9230.0	V	-	-	-77.85	6.35	35.50	-59.76	-40.00	-19.76

Table 7-70. Radiated Spurious Data (LTE Band 30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-77.14	2.74	32.60	-62.66	-40.00	-22.66
6930.0	V	-	-	-77.88	5.36	34.49	-60.77	-40.00	-20.77
9240.0	V	-	-	-78.11	6.23	35.12	-60.13	-40.00	-20.13

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-77.43	2.91	32.49	-62.77	-40.00	-22.77
6937.50	V	-	-	-77.92	5.48	34.56	-60.70	-40.00	-20.70
9250.00	V	-	-	-78.07	6.23	35.16	-60.10	-40.00	-20.10

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

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LTE Band 7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.44	2.69	32.25	-63.01	-25.00	-38.01
7530.0	V	-	-	-78.23	5.72	34.50	-60.76	-25.00	-35.76
10040.0	V	-	-	-78.66	7.71	36.05	-59.20	-25.00	-34.20

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.29	2.96	32.68	-62.58	-25.00	-37.58
7605.0	V	-	-	-78.65	6.19	34.55	-60.71	-25.00	-35.71
10140.0	V	-	-	-78.73	7.86	36.12	-59.13	-25.00	-34.13

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-77.92	3.20	32.28	-62.98	-25.00	-37.98
7680.00	V	-	-	-78.03	5.98	34.96	-60.30	-25.00	-35.30
10240.00	H	-	-	-79.30	8.31	36.01	-59.25	-25.00	-34.25

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

FCC ID: BCGA3358	 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	-	-	-76.95	2.69	32.74	-62.52	-25.00	-37.52
7518.0	V	-	-	-77.65	5.69	35.04	-60.22	-25.00	-35.22
10024.0	H	-	-	-78.08	7.98	36.90	-58.36	-25.00	-33.36

Table 7-76. Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.11	3.16	33.05	-62.21	-25.00	-37.21
7779.0	V	-	-	-77.59	5.89	35.30	-59.95	-25.00	-34.95
10372.0	H	-	-	-77.89	8.45	37.57	-57.69	-25.00	-32.69

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-76.91	3.26	33.34	-61.91	-25.00	-36.91
8040.0	H	-	-	-77.70	5.81	35.10	-60.16	-25.00	-35.16
10720.0	H	-	-	-78.60	8.99	37.39	-57.86	-25.00	-32.86

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

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NR Band n30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-77.63	4.06	33.43	-61.82	-40.00	-21.82
6922.5	H	-	-	-79.08	8.40	36.31	-58.95	-40.00	-18.95
9230.0	V	-	-	-79.25	8.48	36.23	-59.03	-40.00	-19.03

Table 7-79. Radiated Spurious Data (NR Band n30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-77.78	4.18	33.40	-61.86	-40.00	-21.86
6930.0	H	-	-	-78.81	8.14	36.34	-58.92	-40.00	-18.92
9240.0	V	-	-	-79.05	8.25	36.20	-59.06	-40.00	-19.06

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-77.51	3.96	33.46	-61.80	-40.00	-21.80
6937.5	V	-	-	-78.57	7.93	36.36	-58.90	-40.00	-18.90
9250.0	V	-	-	-79.61	8.21	35.60	-59.66	-40.00	-19.66

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

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NR Band n7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5050.0	H	-	-	-77.82	4.40	33.58	-61.68	-25.00	-36.68
7575.0	H	-	-	-79.17	7.80	35.62	-59.64	-25.00	-34.64
10100.0	V	-	-	-79.21	9.28	37.07	-58.19	-25.00	-33.19

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.89	4.56	33.67	-61.58	-25.00	-36.58
7605.0	H	-	-	-79.35	7.95	35.61	-59.65	-25.00	-34.65
10140.0	H	-	-	-79.11	9.47	37.36	-57.90	-25.00	-32.90

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5090.0	V	-	-	-78.00	4.71	33.72	-61.54	-25.00	-36.54
7635.0	V	-	-	-79.37	8.12	35.75	-59.51	-25.00	-34.51
10180.0	V	-	-	-79.02	9.45	37.43	-57.83	-25.00	-32.83

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 284 of 318

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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	-	-	-76.97	3.03	33.06	-62.20	-25.00	-37.20
7638.0	V	-	-	-77.68	5.86	35.19	-60.07	-25.00	-35.07
10184.0	H	-	-	-78.46	8.40	36.94	-58.32	-25.00	-33.32

Table 7-85. Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2593.0
RB / Offset:	1 / 136

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.07	4.48	34.41	-60.84	-25.00	-35.84
7779.0	V	-	-	-78.63	8.22	36.59	-58.67	-25.00	-33.67
10372.0	H	-	-	-78.58	9.19	37.61	-57.65	-25.00	-32.65

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	V	-	-	-77.38	5.11	34.73	-60.53	-25.00	-35.53
7920.0	V	-	-	-78.88	8.36	36.48	-58.77	-25.00	-33.77
10560.0	V	-	-	-78.76	9.46	37.70	-57.56	-25.00	-32.56

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 285 of 318

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ULCA - LTE Band 7

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2510.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2529.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.74	2.96	32.23	-63.03	-25.00	-38.03
7530.0	H	-	-	-78.52	6.01	34.48	-60.77	-25.00	-35.77
10040.0	V	-	-	-79.38	8.23	35.85	-59.41	-25.00	-34.41

Table 7-88. Radiated Spurious Data (ULCA LTE Band 7 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.66	3.07	32.41	-62.85	-25.00	-37.85
7605.0	H	-	-	-78.57	5.86	34.30	-60.96	-25.00	-35.96
10140.0	H	-	-	-79.27	8.40	36.13	-59.13	-25.00	-34.13

Table 7-89. Radiated Spurious Data (ULCA LTE Band 7 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-77.68	3.03	32.34	-62.91	-25.00	-37.91
7680.0	H	-	-	-78.37	5.98	34.62	-60.64	-25.00	-35.64
10240.0	V	-	-	-79.12	8.40	36.27	-58.98	-25.00	-33.98

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

FCC ID: BCGA3358	 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	-	-	-77.12	2.96	32.85	-62.41	-25.00	-37.41
7518.0	H	-	-	-78.00	5.88	34.87	-60.39	-25.00	-35.39
10024.0	V	-	-	-78.52	8.23	36.71	-58.55	-25.00	-33.55

Table 7-91. Radiated Spurious Data (ULCA LTE Band 41 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-77.43	3.38	32.95	-62.31	-25.00	-37.31
7779.0	V	-	-	-77.38	5.54	35.17	-60.09	-25.00	-35.09
10372.0	V	-	-	-78.05	8.45	37.41	-57.85	-25.00	-32.85

Table 7-92. Radiated Spurious Data (ULCA LTE Band 41 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-77.21	3.38	33.16	-62.10	-25.00	-37.10
8040.0	H	-	-	-77.97	5.85	34.88	-60.37	-25.00	-35.37
10720.0	V	-	-	-79.07	9.11	37.04	-58.22	-25.00	-33.22

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.3 Antenna 3 Radiated Spurious Emission Measurements

LTE Band 30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-77.31	2.89	32.58	-62.68	-40.00	-22.68
6922.5	H	-	-	-77.79	5.36	34.57	-60.69	-40.00	-20.69
9230.0	V	-	-	-78.19	6.35	35.16	-60.10	-40.00	-20.10

Table 7-94. Radiated Spurious Data (LTE Band 30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-77.35	2.91	32.56	-62.70	-40.00	-22.70
6930.0	V	-	-	-78.01	5.66	34.65	-60.61	-40.00	-20.61
9240.0	H	-	-	-78.65	6.35	34.70	-60.56	-40.00	-20.56

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

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

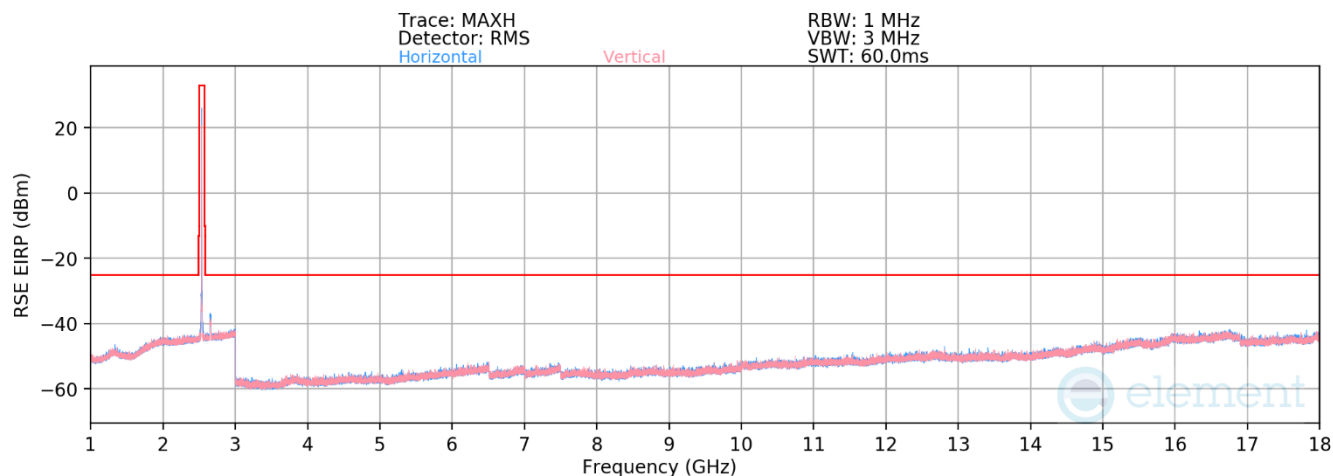
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-77.38	2.74	32.36	-62.90	-40.00	-22.90
6937.50	V	-	-	-78.14	5.66	34.52	-60.74	-40.00	-20.74
9250.00	H	-	-	-78.16	6.23	35.07	-60.19	-40.00	-20.19

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

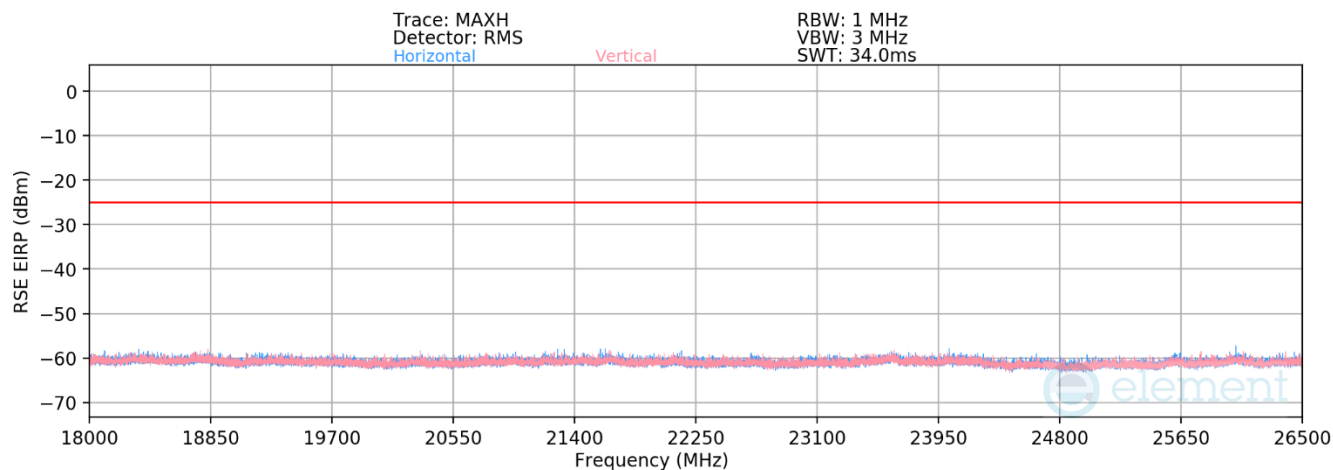
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 7



Plot 7-406. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 7)



Plot 7-407. Antenna 3 Radiated Spurious Emission above 18GHz (LTE Band 7)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device
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Bandwidth (MHz):	20
Frequency (MHz):	2510.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-77.36	2.69	32.33	-62.92	-25.00	-37.92
7530.0	V	-	-	-78.62	5.88	34.26	-61.00	-25.00	-36.00
10040.0	H	-	-	-78.74	7.85	36.12	-59.14	-25.00	-34.14

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.47	2.96	32.49	-62.76	-25.00	-37.76
7605.0	H	-	-	-78.50	6.19	34.69	-60.57	-25.00	-35.57
10140.0	V	-	-	-78.72	7.83	36.11	-59.14	-25.00	-34.14

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

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

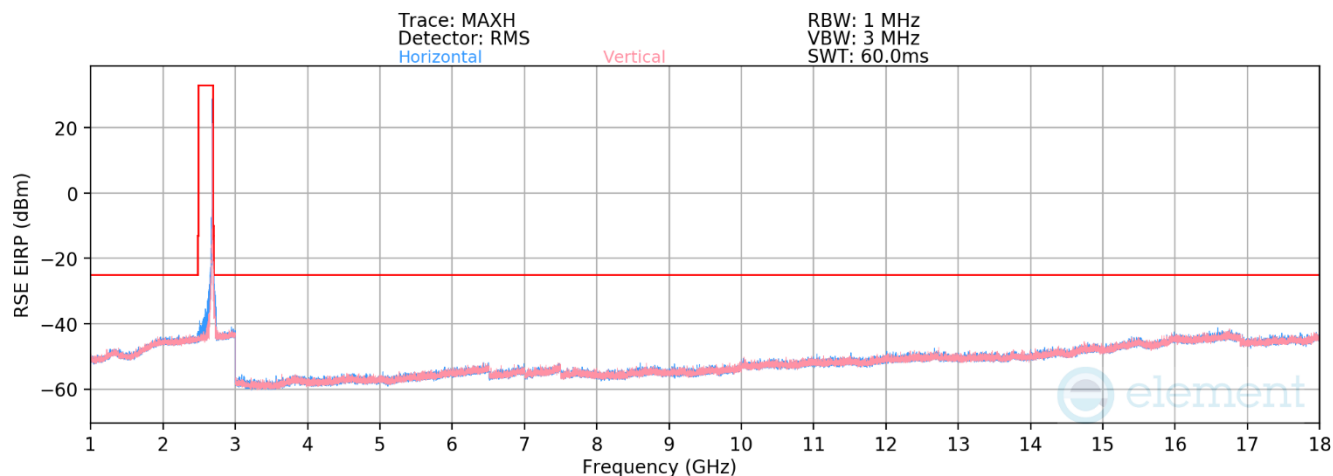
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-77.73	3.03	32.30	-62.96	-25.00	-37.96
7680.00	H	-	-	-78.19	5.81	34.63	-60.63	-25.00	-35.63
10240.00	H	-	-	-79.57	8.31	35.74	-59.52	-25.00	-34.52

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

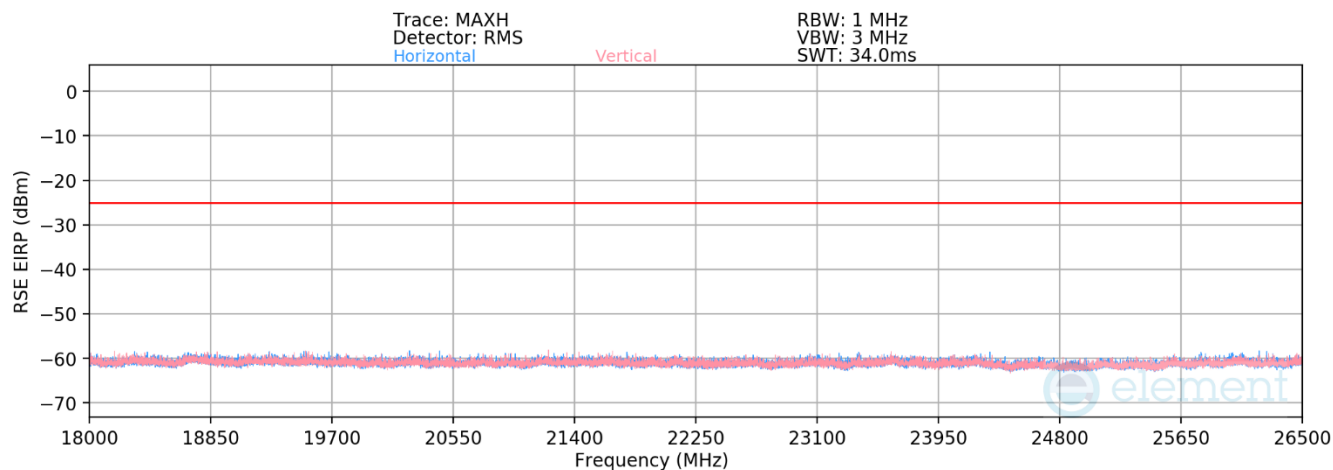
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 290 of 318

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LTE Band 41



Plot 7-408. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 41)



Plot 7-409. Antenna 3 Radiated Spurious Emission above 18GHz (LTE Band 41)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	H	-	-	-76.87	2.69	32.82	-62.43	-25.00	-37.43
7518.0	H	-	-	-77.78	5.67	34.88	-60.37	-25.00	-35.37
10024.0	V	-	-	-78.04	7.98	36.94	-58.32	-25.00	-33.32

Table 7-100. Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-77.19	3.16	32.97	-62.29	-25.00	-37.29
7779.0	V	-	-	-77.21	5.54	35.33	-59.92	-25.00	-34.92
10372.0	H	-	-	-77.94	8.45	37.51	-57.74	-25.00	-32.74

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-76.98	3.26	33.27	-61.98	-25.00	-36.98
8040.0	V	-	-	-77.28	5.85	35.57	-59.68	-25.00	-34.68
10720.0	H	-	-	-78.84	9.05	37.22	-58.04	-25.00	-33.04

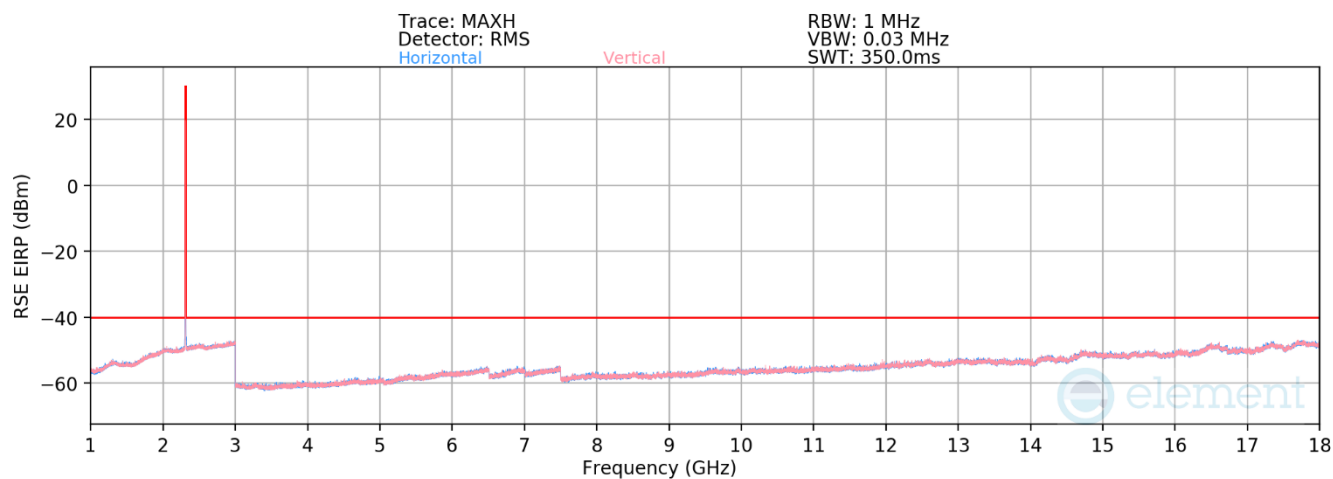
Table 7-102. Radiated Spurious Data (LTE Band 41 – High Channel)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 292 of 318

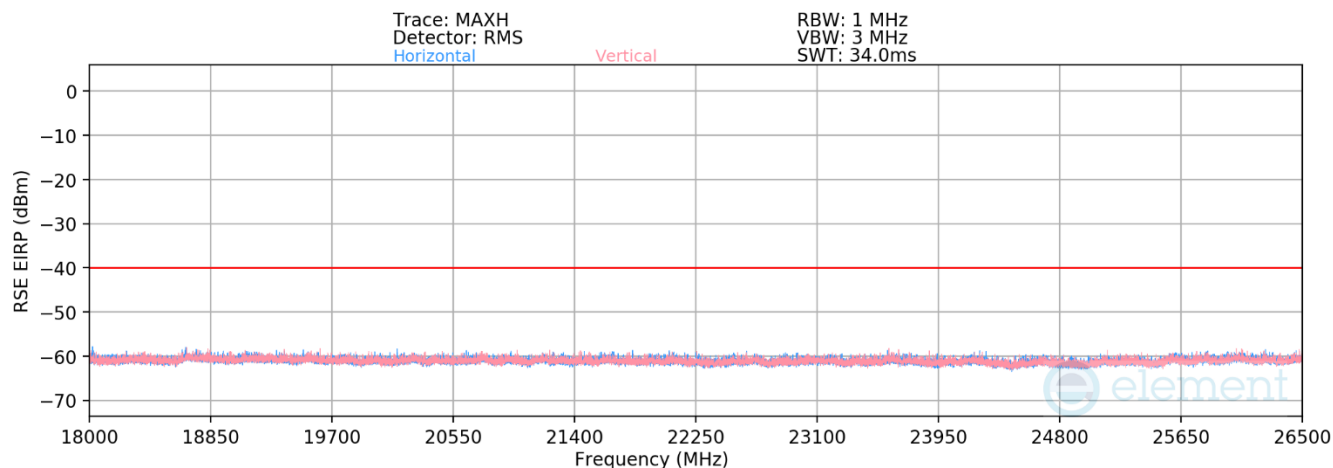
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NR Band n30



Plot 7-410. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (NR Band n30)



Plot 7-411. Antenna 3 Radiated Spurious Emission above 18GHz (NR Band n30)

FCC ID: BCGA3358	 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	H	-	-	-77.59	3.88	33.29	-61.97	-40.00	-21.97
6922.5	H	-	-	-78.94	8.33	36.39	-58.87	-40.00	-18.87
9230.0	H	-	-	-78.80	8.21	36.41	-58.85	-40.00	-18.85

Table 7-103. Radiated Spurious Data (NR Band n30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-77.58	4.06	33.48	-61.78	-40.00	-21.78
6930.0	H	-	-	-79.04	8.40	36.35	-58.91	-40.00	-18.91
9240.0	V	-	-	-78.88	8.21	36.33	-58.92	-40.00	-18.92

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

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

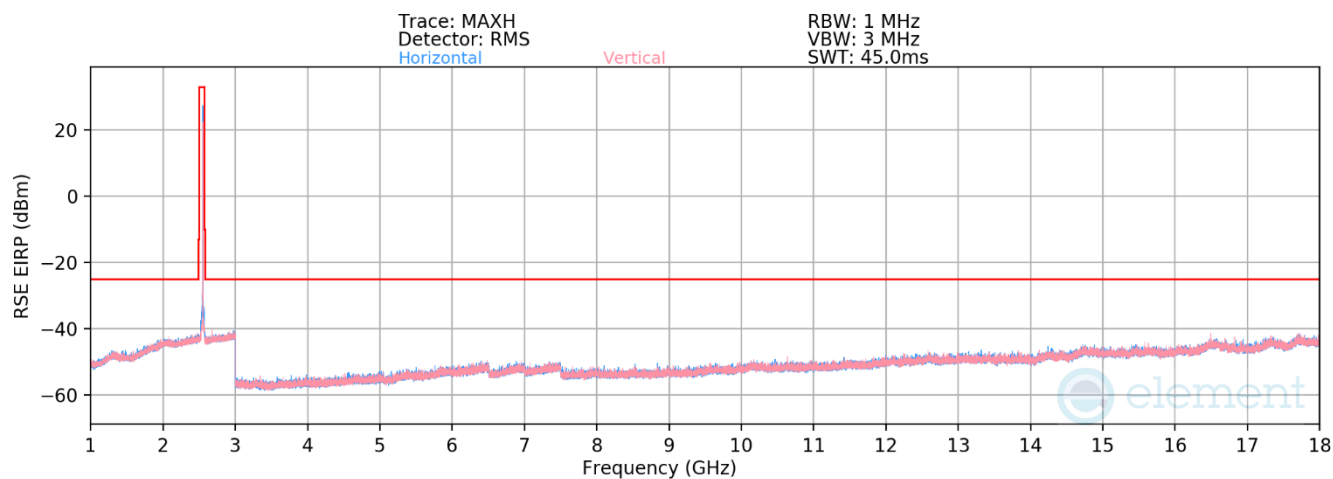
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-77.57	3.96	33.40	-61.86	-40.00	-21.86
6937.5	V	-	-	-78.60	7.93	36.33	-58.93	-40.00	-18.93
9250.0	V	-	-	-78.88	8.25	36.37	-58.89	-40.00	-18.89

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

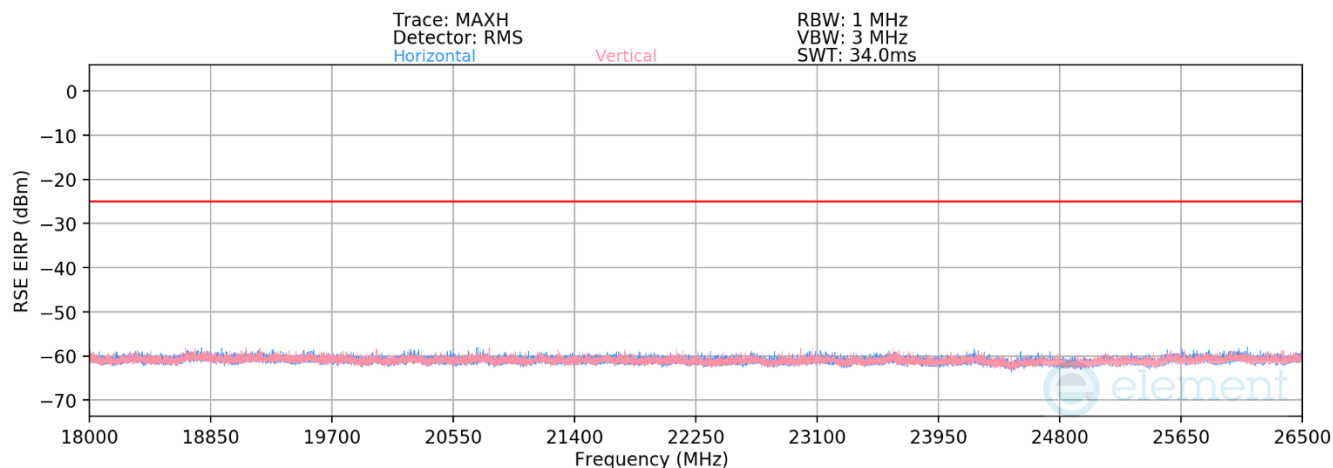
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7



Plot 7-412. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (NR Band n7)



Plot 7-413. Antenna 3 Radiated Spurious Emission above 18GHz (NR Band n7)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	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	-	-	-77.73	4.40	33.68	-61.58	-25.00	-36.58
7575.0	H	-	-	-79.38	8.16	35.78	-59.47	-25.00	-34.47
10100.0	H	-	-	-78.79	9.28	37.48	-57.78	-25.00	-32.78

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-78.03	4.75	33.72	-61.54	-25.00	-36.54
7605.0	H	-	-	-79.46	8.16	35.70	-59.56	-25.00	-34.56
10140.0	H	-	-	-78.78	9.26	37.48	-57.78	-25.00	-32.78

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

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

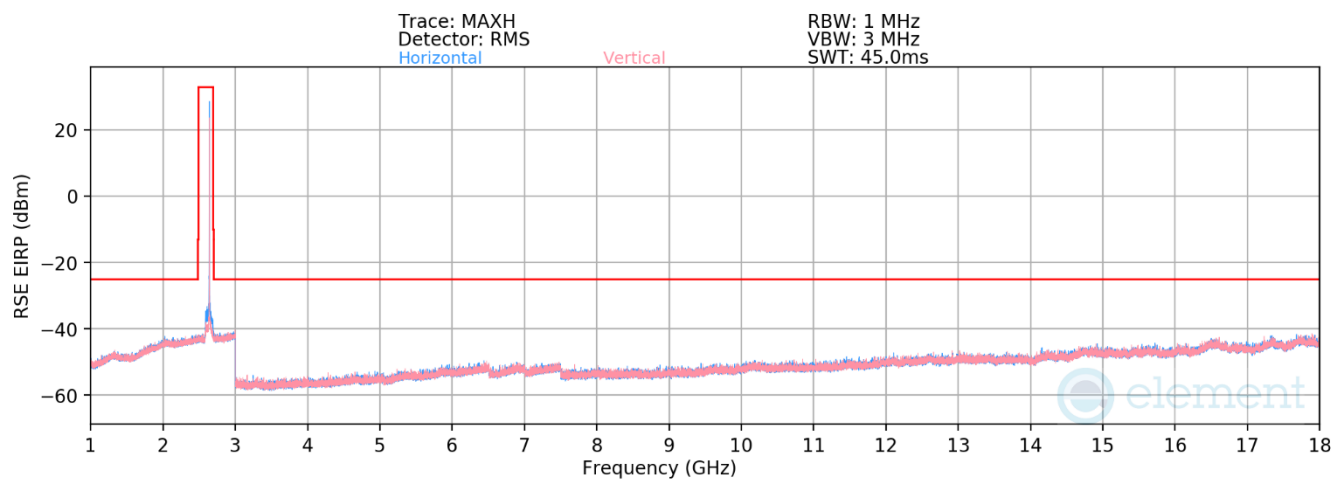
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5090.0	H	-	-	-78.07	4.74	33.67	-61.59	-25.00	-36.59
7635.0	V	-	-	-79.13	8.11	35.98	-59.28	-25.00	-34.28
10180.0	V	-	-	-78.90	9.45	37.55	-57.71	-25.00	-32.71

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

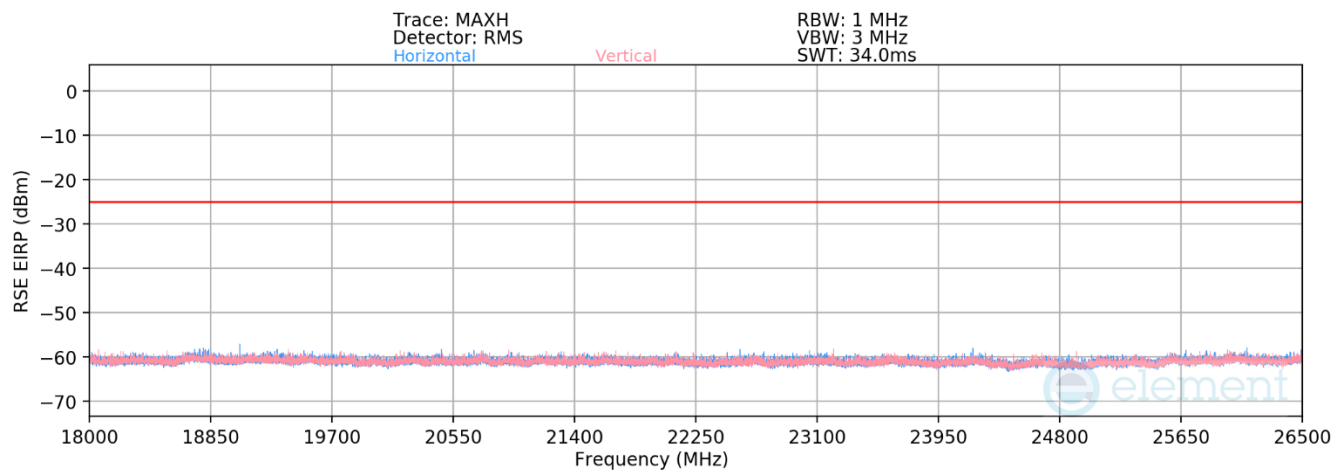
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41



Plot 7-414. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (NR Band n41)



Plot 7-415. Antenna 3 Radiated Spurious Emission above 18GHz (NR Band n41)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 297 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	H	-	-	-76.88	2.95	33.06	-62.19	-25.00	-37.19
7638.0	V	-	-	-77.78	5.86	35.09	-60.17	-25.00	-35.17
10184.0	H	-	-	-78.14	8.13	36.99	-58.27	-25.00	-33.27

Table 7-109. Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2593.0
RB / Offset:	1 / 136

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-77.17	4.48	34.31	-60.95	-25.00	-35.95
7779.0	V	-	-	-78.83	8.38	36.55	-58.71	-25.00	-33.71
10372.0	H	-	-	-78.41	9.17	37.75	-57.51	-25.00	-32.51

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

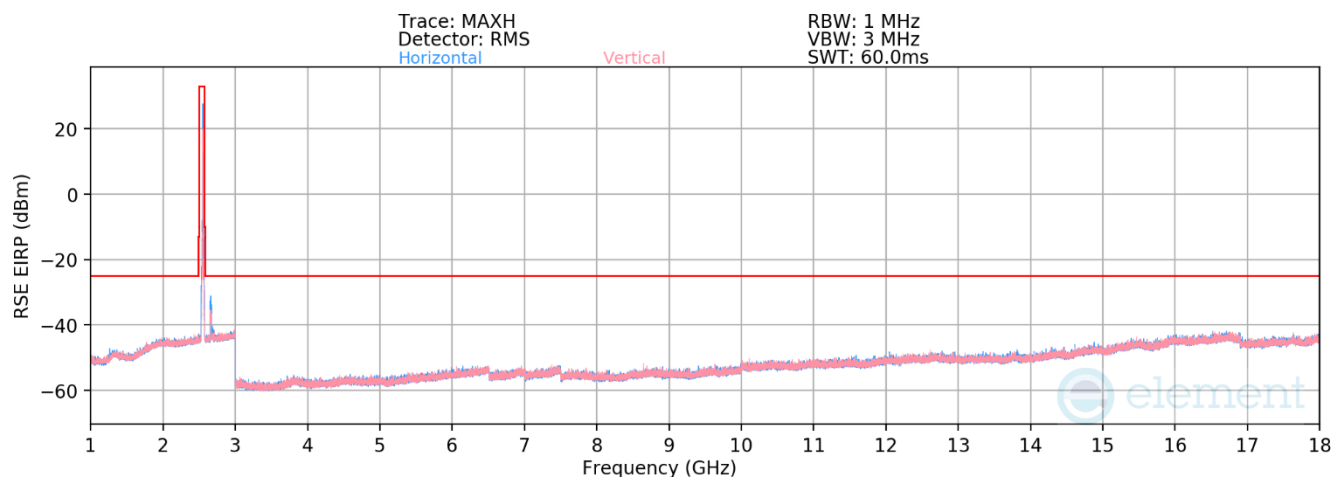
Bandwidth (MHz):	100
Frequency (MHz):	2640.0
RB / Offset:	1 / 136

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-77.45	5.25	34.80	-60.46	-25.00	-35.46
7920.0	H	-	-	-78.80	8.36	36.56	-58.69	-25.00	-33.69
10560.0	V	-	-	-78.35	9.46	38.11	-57.15	-25.00	-32.15

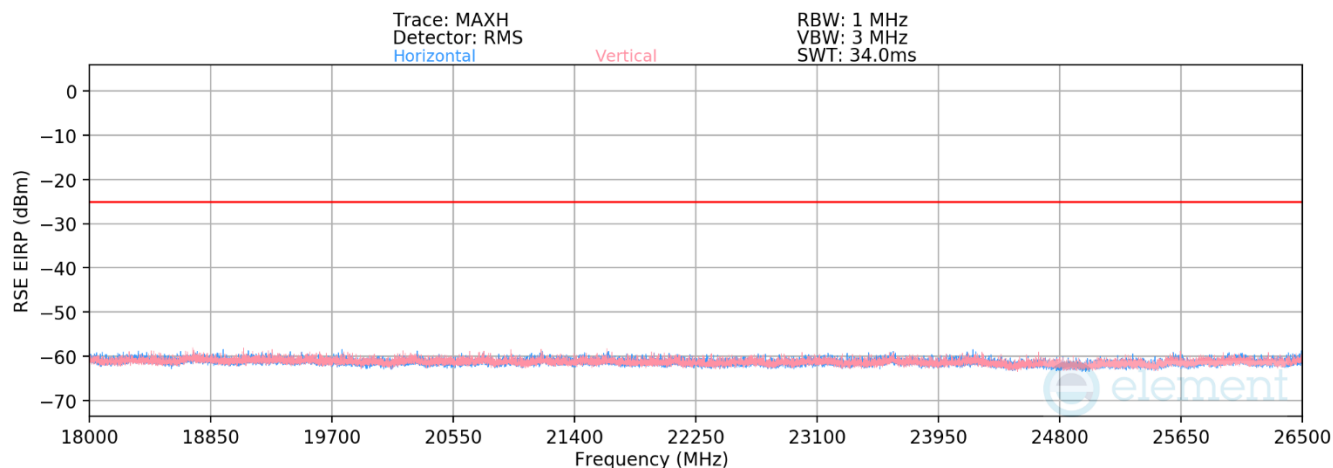
Table 7-111. Radiated Spurious Data (NR Band n41 – High Channel)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 7



Plot 7-416. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 7)



Plot 7-417. Antenna 3 Radiated Spurious Emission above 18GHz (ULCA LTE Band 7)

FCC ID: BCGA3358	 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	V	-	-	-77.54	2.82	32.29	-62.97	-25.00	-37.97
7530.0	H	-	-	-78.64	6.01	34.37	-60.89	-25.00	-35.89
10040.0	V	-	-	-79.19	8.23	36.04	-59.22	-25.00	-34.22

Table 7-112. Radiated Spurious Data (ULCA LTE Band 7 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.66	2.95	32.29	-62.97	-25.00	-37.97
7605.0	H	-	-	-78.40	5.92	34.52	-60.74	-25.00	-35.74
10140.0	V	-	-	-79.04	8.13	36.09	-59.16	-25.00	-34.16

Table 7-113. Radiated Spurious Data (ULCA LTE Band 7 – Mid Channel)

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

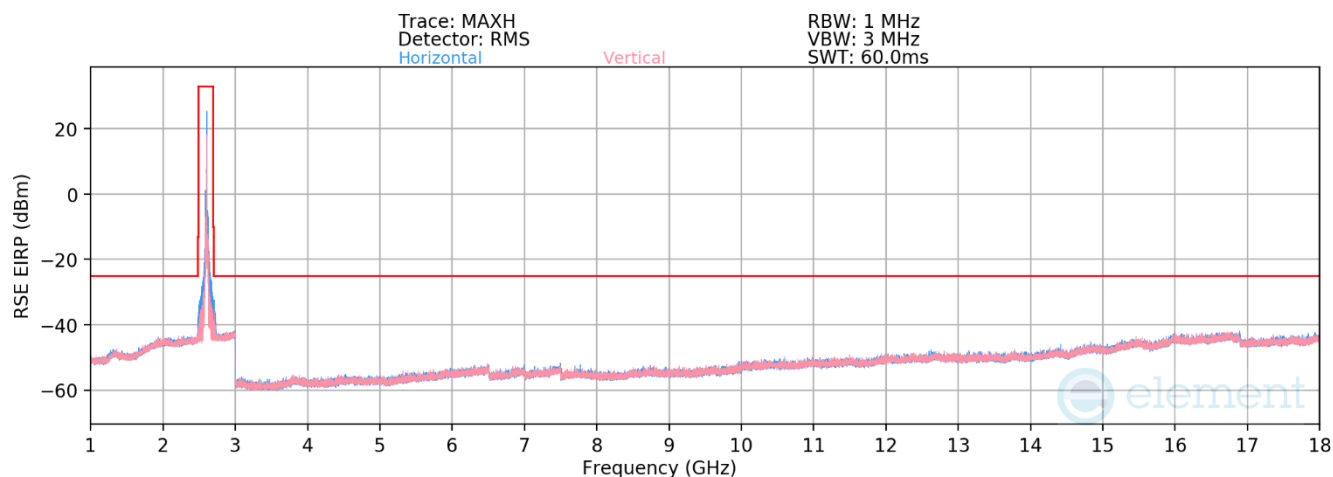
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	V	-	-	-77.66	3.03	32.36	-62.89	-25.00	-37.89
7680.0	H	-	-	-78.42	5.86	34.45	-60.81	-25.00	-35.81
10240.0	V	-	-	-79.21	8.40	36.19	-59.07	-25.00	-34.07

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

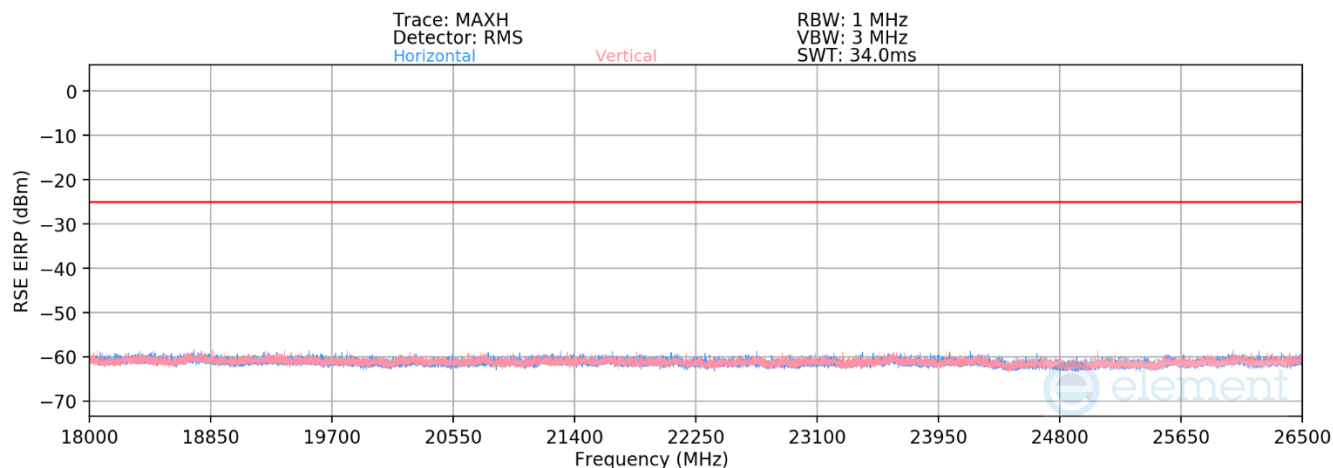
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device	Page 300 of 318

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ULCA - LTE Band 41



Plot 7-418. Antenna 4b Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 41)



Plot 7-419. Antenna 4b Radiated Spurious Emission above 18GHz (ULCA LTE Band 41)

FCC ID: BCGA3358	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	-	-	-76.95	2.77	32.82	-62.44	-25.00	-37.44
7518.0	H	-	-	-78.24	6.01	34.77	-60.49	-25.00	-35.49
10024.0	V	-	-	-78.12	7.85	36.74	-58.52	-25.00	-33.52

Table 7-115. Radiated Spurious Data (ULCA LTE Band 41 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.30	3.38	33.08	-62.18	-25.00	-37.18
7779.0	V	-	-	-77.32	5.65	35.33	-59.93	-25.00	-34.93
10372.0	H	-	-	-78.09	8.64	37.55	-57.71	-25.00	-32.71

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	-	-	-77.23	3.38	33.14	-62.12	-25.00	-37.12
8040.0	V	-	-	-77.71	5.78	35.08	-60.18	-25.00	-35.18
10720.0	H	-	-	-79.10	9.11	37.00	-58.25	-25.00	-33.25

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.4 Antenna 2b Radiated Spurious Emission Measurements

LTE Band 30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-77.34	2.91	32.57	-62.69	-40.00	-22.69
6922.5	H	-	-	-77.99	5.39	34.41	-60.85	-40.00	-20.85
9230.0	V	-	-	-78.19	6.29	35.10	-60.16	-40.00	-20.16

Table 7-118. Radiated Spurious Data (LTE Band 30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-77.47	2.91	32.44	-62.82	-40.00	-22.82
6930.0	H	-	-	-78.17	5.66	34.49	-60.77	-40.00	-20.77
9240.0	H	-	-	-78.22	6.23	35.01	-60.25	-40.00	-20.25

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	V	-	-	-77.12	2.74	32.61	-62.65	-40.00	-22.65
6937.50	H	-	-	-77.85	5.48	34.62	-60.63	-40.00	-20.63
9250.00	H	-	-	-78.15	6.23	35.08	-60.18	-40.00	-20.18

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

FCC ID: BCGA3358	 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	-	-	-77.38	2.69	32.31	-62.95	-25.00	-37.95
7530.0	V	-	-	-78.19	5.67	34.47	-60.78	-25.00	-35.78
10040.0	V	-	-	-79.25	8.23	35.98	-59.28	-25.00	-34.28

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.45	2.96	32.51	-62.75	-25.00	-37.75
7605.0	V	-	-	-78.64	6.19	34.55	-60.70	-25.00	-35.70
10140.0	V	-	-	-78.59	7.96	36.37	-58.88	-25.00	-33.88

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	V	-	-	-77.57	3.03	32.46	-62.80	-25.00	-37.80
7680.00	V	-	-	-78.06	5.88	34.82	-60.44	-25.00	-35.44
10240.00	H	-	-	-79.53	8.47	35.95	-59.31	-25.00	-34.31

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

FCC ID: BCGA3358	 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	-	-	-76.79	2.79	33.00	-62.25	-25.00	-37.25
7518.0	H	-	-	-77.68	5.69	35.01	-60.24	-25.00	-35.24
10024.0	V	-	-	-77.97	7.98	37.01	-58.25	-25.00	-33.25

Table 7-124. Radiated Spurious Data (LTE Band 41 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-77.18	3.16	32.98	-62.28	-25.00	-37.28
7779.0	H	-	-	-77.70	5.89	35.19	-60.07	-25.00	-35.07
10372.0	H	-	-	-78.00	8.40	37.41	-57.85	-25.00	-32.85

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-76.93	3.26	33.33	-61.93	-25.00	-36.93
8040.0	H	-	-	-77.94	5.85	34.91	-60.35	-25.00	-35.35
10720.0	V	-	-	-78.78	9.05	37.27	-57.99	-25.00	-32.99

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

FCC ID: BCGA3358		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 / 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	V	-	-	-77.41	3.88	33.47	-61.79	-40.00	-21.79
6922.5	V	-	-	-78.94	8.40	36.46	-58.80	-40.00	-18.80
9230.0	V	-	-	-78.76	8.21	36.45	-58.81	-40.00	-18.81

Table 7-127. Radiated Spurious Data (NR Band n30 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-77.65	4.06	33.41	-61.85	-40.00	-21.85
6930.0	V	-	-	-78.76	8.40	36.63	-58.62	-40.00	-18.62
9240.0	H	-	-	-78.92	8.21	36.29	-58.97	-40.00	-18.97

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	V	-	-	-77.78	4.18	33.39	-61.86	-40.00	-21.86
6937.5	H	-	-	-78.70	8.14	36.44	-58.81	-40.00	-18.81
9250.0	V	-	-	-79.62	8.25	35.62	-59.63	-40.00	-19.63

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

FCC ID: BCGA3358	 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	V	-	-	-77.75	4.40	33.65	-61.61	-25.00	-36.61
7575.0	V	-	-	-79.12	7.86	35.74	-59.52	-25.00	-34.52
10100.0	V	-	-	-78.63	8.93	37.30	-57.96	-25.00	-32.96

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.90	4.72	33.83	-61.43	-25.00	-36.43
7605.0	V	-	-	-79.62	8.16	35.54	-59.72	-25.00	-34.72
10140.0	H	-	-	-78.75	9.28	37.54	-57.72	-25.00	-32.72

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5090.0	V	-	-	-77.89	4.74	33.85	-61.41	-25.00	-36.41
7635.0	H	-	-	-79.32	8.12	35.80	-59.46	-25.00	-34.46
10180.0	V	-	-	-79.01	9.65	37.64	-57.62	-25.00	-32.62

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

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NR Band n41

Bandwidth (MHz):	100
Frequency (MHz):	2546.0
RB / Offset:	1 / 136

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-77.02	2.99	32.97	-62.29	-25.00	-37.29
7638.0	V	-	-	-77.68	5.86	35.19	-60.07	-25.00	-35.07
10184.0	H	-	-	-78.19	8.13	36.94	-58.32	-25.00	-33.32

Table 7-133. Radiated Spurious Data (NR Band n41 – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	2593.0
RB / Offset:	1 / 136

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.36	4.75	34.39	-60.87	-25.00	-35.87
7779.0	V	-	-	-78.47	8.03	36.56	-58.70	-25.00	-33.70
10372.0	H	-	-	-78.64	9.19	37.55	-57.70	-25.00	-32.70

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-77.37	5.25	34.88	-60.37	-25.00	-35.37
7920.0	V	-	-	-78.87	8.36	36.50	-58.76	-25.00	-33.76
10560.0	H	-	-	-78.67	9.46	37.79	-57.46	-25.00	-32.46

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

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ULCA - LTE Band 7

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2510.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2529.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.38	2.82	32.44	-62.82	-25.00	-37.82
7530.0	V	-	-	-78.47	5.73	34.26	-60.99	-25.00	-35.99
10040.0	V	-	-	-79.05	8.23	36.17	-59.08	-25.00	-34.08

Table 7-136. Radiated Spurious Data (ULCA LTE Band 7 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.65	3.07	32.42	-62.84	-25.00	-37.84
7605.0	V	-	-	-78.06	5.86	34.81	-60.45	-25.00	-35.45
10140.0	V	-	-	-79.30	8.38	36.08	-59.18	-25.00	-34.18

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-77.75	3.01	32.26	-63.00	-25.00	-38.00
7680.0	H	-	-	-78.36	5.86	34.51	-60.75	-25.00	-35.75
10240.0	V	-	-	-78.62	8.40	36.77	-58.48	-25.00	-33.48

Table 7-138. 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	-	-	-76.90	2.77	32.87	-62.39	-25.00	-37.39
7518.0	V	-	-	-78.01	5.73	34.72	-60.54	-25.00	-35.54
10024.0	V	-	-	-78.20	8.23	37.03	-58.23	-25.00	-33.23

Table 7-139. Radiated Spurious Data (ULCA LTE Band 41 – Low Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-77.38	3.38	33.00	-62.26	-25.00	-37.26
7779.0	V	-	-	-77.38	5.71	35.32	-59.93	-25.00	-34.93
10372.0	V	-	-	-77.80	8.45	37.66	-57.60	-25.00	-32.60

Table 7-140. Radiated Spurious Data (ULCA LTE Band 41 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-77.09	3.27	33.18	-62.08	-25.00	-37.08
8040.0	H	-	-	-77.64	5.81	35.17	-60.09	-25.00	-35.09
10720.0	H	-	-	-78.67	9.10	37.43	-57.83	-25.00	-32.83

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

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7.7 Frequency Stability / Temperature Variation

\$2.1055, \$27.54

Test Overview and Limit

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

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

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

Test Procedure Used

ANSI C63.26-2015

TIA-603-E-2016

Test Settings

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

Test Setup

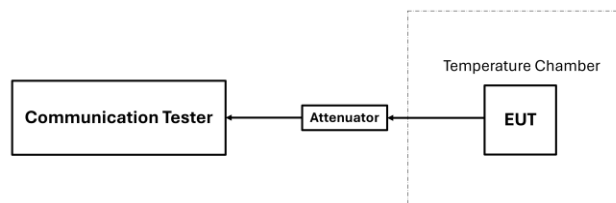


Figure 7-11. LTE Test Instrument & Measurement Setup

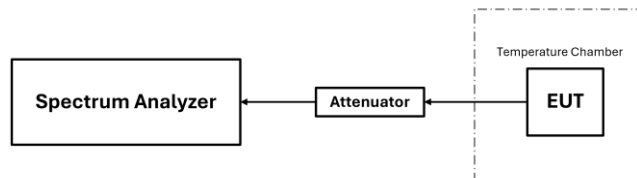


Figure 7-12. FR1 Test Instrument & Measurement Setup

Test Notes

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

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Frequency Stability / Temperature Variation

LTE Band 30				
Operating Band Lower Boundary (GHz)			2.305	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3054483	-0.0004483
		- 20	2.3054907	-0.0004907
		- 10	2.3054351	-0.0004351
		0	2.3054678	-0.0004678
		+ 10	2.3054106	-0.0004106
		+ 20 (Ref)	2.3054822	-0.0004822
		+ 30	2.3054567	-0.0004567
		+ 40	2.3054984	-0.0004984
		+ 50	2.3054239	-0.0004239
Battery Endpoint	3.40	+ 20	2.3054746	-0.0004746

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	2.3145439	-0.0004561
		- 20	2.3145862	-0.0004138
		- 10	2.3145017	-0.0004983
		0	2.3145762	-0.0004238
		+ 10	2.3145284	-0.0004716
		+ 20 (Ref)	2.3145904	-0.0004096
		+ 30	2.3145189	-0.0004811
		+ 40	2.3145572	-0.0004428
		+ 50	2.3145340	-0.0004660
Battery Endpoint	3.40	+ 20	2.3145967	-0.0004033

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	2.5004927	-0.0004927
		- 20	2.5004168	-0.0004168
		- 10	2.5004701	-0.0004701
		0	2.5004433	-0.0004433
		+ 10	2.5004879	-0.0004879
		+ 20 (Ref)	2.5004592	-0.0004592
		+ 30	2.5004017	-0.0004017
		+ 40	2.5004484	-0.0004484
		+ 50	2.5004785	-0.0004785
Battery Endpoint	3.40	+ 20	2.5004263	-0.0004263

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	2.5695074	-0.0004926
		- 20	2.5694911	-0.0005089
		- 10	2.5694278	-0.0005722
		0	2.5695489	-0.0004511
		+ 10	2.5695822	-0.0004178
		+ 20 (Ref)	2.5694652	-0.0005348
		+ 30	2.5695886	-0.0004114
		+ 40	2.5694431	-0.0005569
		+ 50	2.5694738	-0.0005262
Battery Endpoint	3.40	+ 20	2.5695594	-0.0004406

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	2.4965373	-0.0005373
		- 20	2.4965826	-0.0005826
		- 10	2.4965914	-0.0005914
		0	2.4965180	-0.0005180
		+ 10	2.4965689	-0.0005689
		+ 20 (Ref)	2.4965092	-0.0005092
		+ 30	2.4965558	-0.0005558
		+ 40	2.4965974	-0.0005974
		+ 50	2.4965262	-0.0005262
Battery Endpoint	3.40	+ 20	2.4965439	-0.0005439

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	2.6894723	-0.0005277
		- 20	2.6894452	-0.0005548
		- 10	2.6894916	-0.0005084
		0	2.6894086	-0.0005914
		+ 10	2.6894592	-0.0005408
		+ 20 (Ref)	2.6894839	-0.0005161
		+ 30	2.6894377	-0.0005623
		+ 40	2.6894261	-0.0005739
		+ 50	2.6894948	-0.0005052
Battery Endpoint	3.40	+ 20	2.6894702	-0.0005298

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	2.3053742	-0.0003742
		- 20	2.3053195	-0.0003195
		- 10	2.3053957	-0.0003957
		0	2.3053624	-0.0003624
		+ 10	2.3053320	-0.0003319
		+ 20 (Ref)	2.3053883	-0.0003883
		+ 30	2.3053478	-0.0003478
		+ 40	2.3053095	-0.0003095
		+ 50	2.3053791	-0.0003791
Battery Endpoint	3.40	+ 20	2.3053367	-0.0003367

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	2.3146754	-0.0003246
		- 20	2.3146428	-0.0003572
		- 10	2.3146931	-0.0003069
		0	2.3146073	-0.0003927
		+ 10	2.3146843	-0.0003157
		+ 20 (Ref)	2.3146199	-0.0003801
		+ 30	2.3146567	-0.0003433
		+ 40	2.3146894	-0.0003106
		+ 50	2.3146329	-0.0003671
Battery Endpoint	3.40	+ 20	2.3146686	-0.0003314

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	2.5007393	-0.0007393
		- 20	2.5007825	-0.0007825
		- 10	2.5007139	-0.0007139
		0	2.5007651	-0.0007651
		+ 10	2.5007084	-0.0007084
		+ 20 (Ref)	2.5007749	-0.0007749
		+ 30	2.5007491	-0.0007491
		+ 40	2.5007915	-0.0007915
		+ 50	2.5007276	-0.0007276
Battery Endpoint	3.40	+ 20	2.5007593	-0.0007593

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	2.5692594	-0.0007406
		- 20	2.5692168	-0.0007832
		- 10	2.5692922	-0.0007078
		0	2.5692489	-0.0007511
		+ 10	2.5692746	-0.0007254
		+ 20 (Ref)	2.5692839	-0.0007161
		+ 30	2.5692215	-0.0007785
		+ 40	2.5692386	-0.0007614
		+ 50	2.5692683	-0.0007317
Battery Endpoint	3.40	+ 20	2.5692978	-0.0007022

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	2.4965743	-0.0005743
		- 20	2.4965265	-0.0005265
		- 10	2.4965818	-0.0005818
		0	2.4965082	-0.0005082
		+ 10	2.4965931	-0.0005931
		+ 20 (Ref)	2.4965128	-0.0005128
		+ 30	2.4965592	-0.0005592
		+ 40	2.4965487	-0.0005487
		+ 50	2.4965321	-0.0005321
Battery Endpoint	3.40	+ 20	2.4965890	-0.0005890

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	2.6894722	-0.0005278
		- 20	2.6894411	-0.0005589
		- 10	2.6894937	-0.0005063
		0	2.6894275	-0.0005725
		+ 10	2.6894594	-0.0005406
		+ 20 (Ref)	2.6894842	-0.0005158
		+ 30	2.6894139	-0.0005861
		+ 40	2.6894462	-0.0005538
		+ 50	2.6894765	-0.0005235
Battery Endpoint	3.40	+ 20	2.6894908	-0.0005092

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: BCGA3358** complies with all the requirements of Part 27 of the FCC rules.

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-10-R1.BCG	Test Dates: 5/9/2025 - 7/15/2025	EUT Type: Tablet Device
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