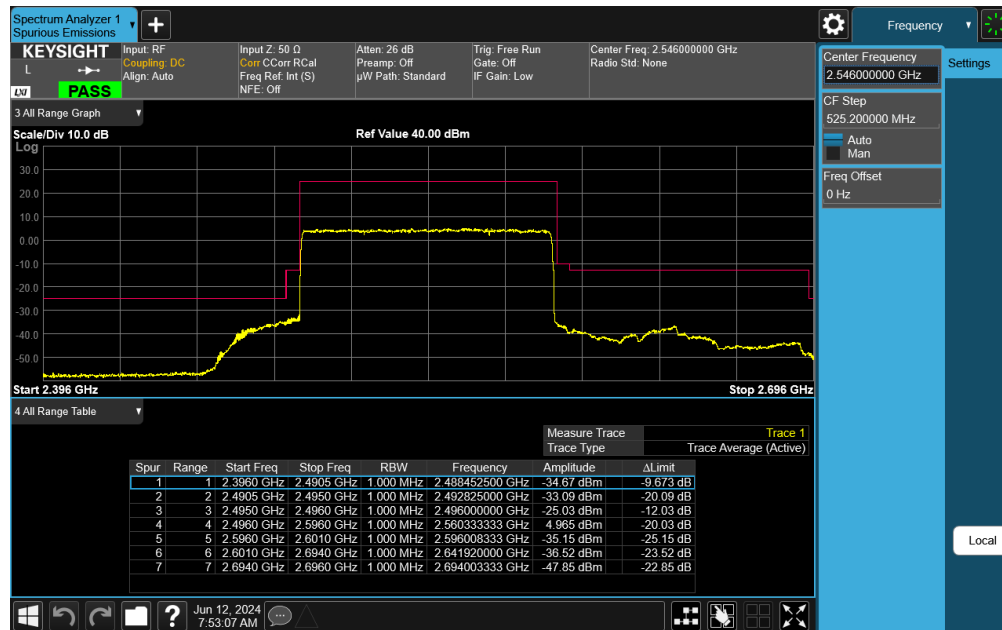
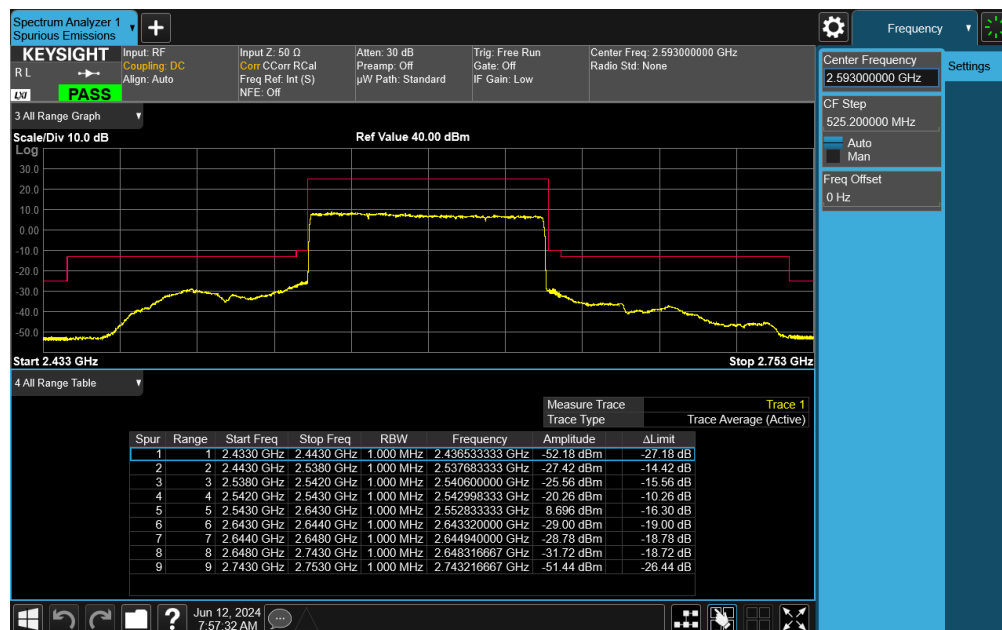




Plot 7-601. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

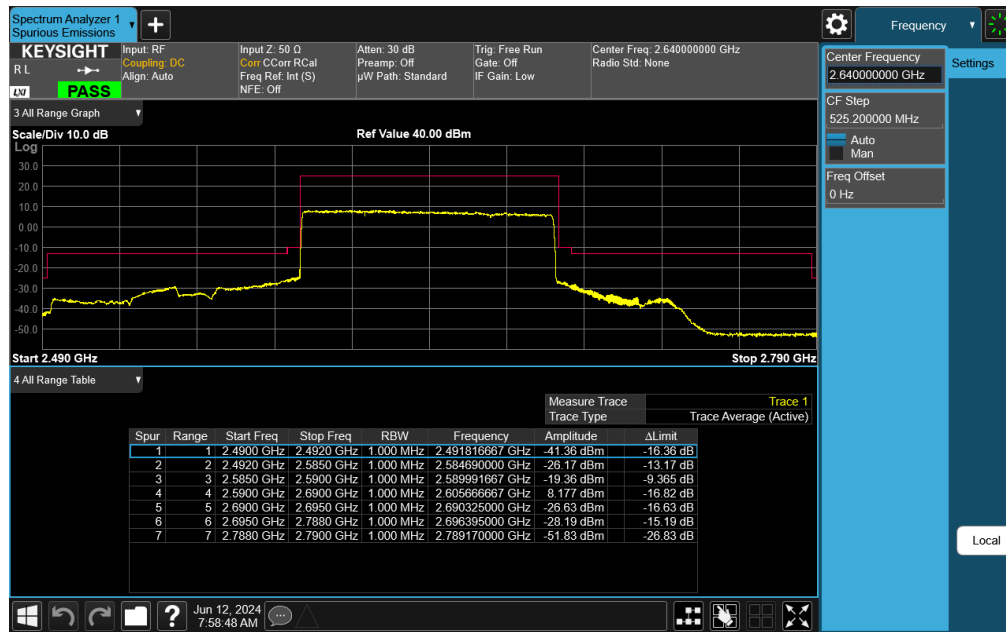


Plot 7-602. Middle ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA2995	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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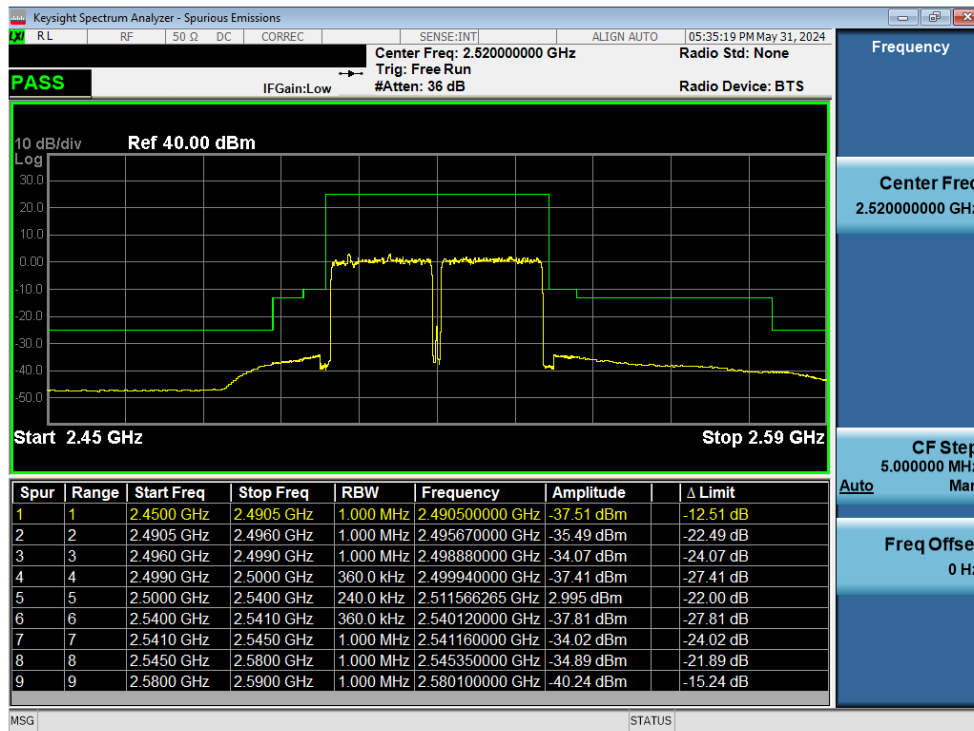


Plot 7-603. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

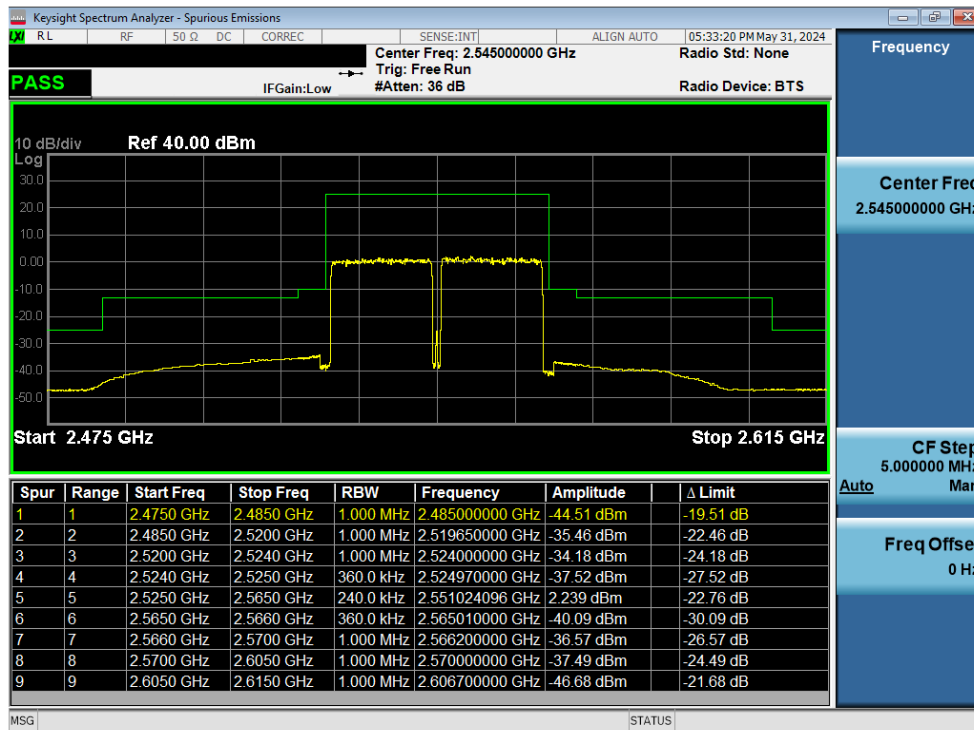
FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 7



Plot 7-604. Lower ACP Plot (UCLA LTE B7 – (20+20)MHz QPSK - Full RB)

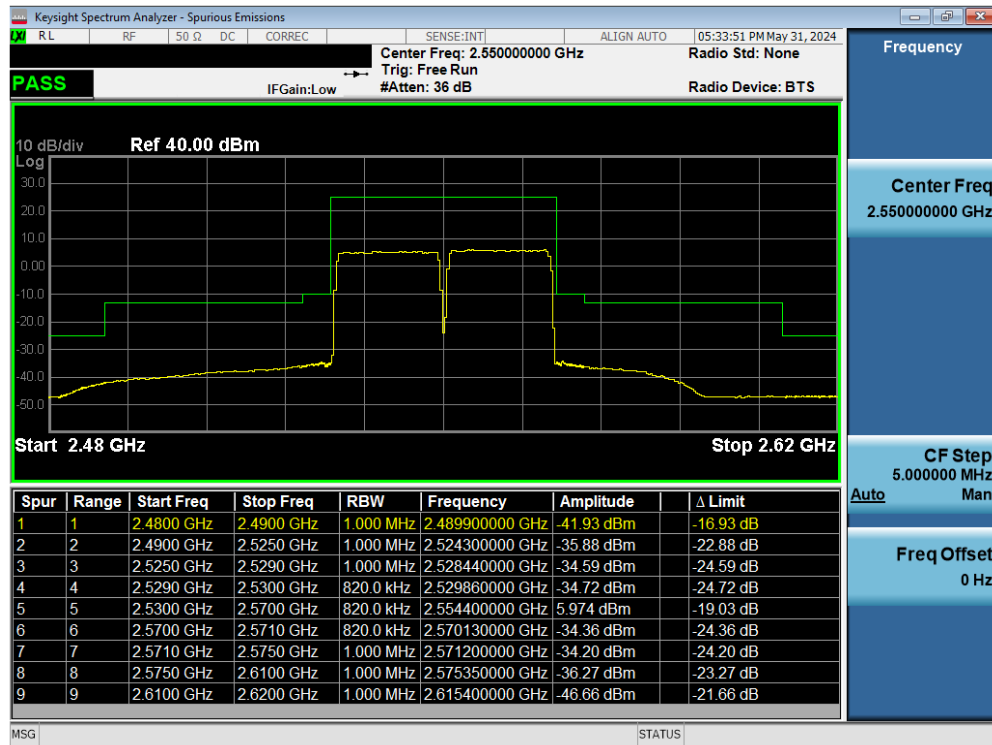


Plot 7-605. Middle ACP Plot (UCLA LTE B7 – (20+20)MHz QPSK - Full RB)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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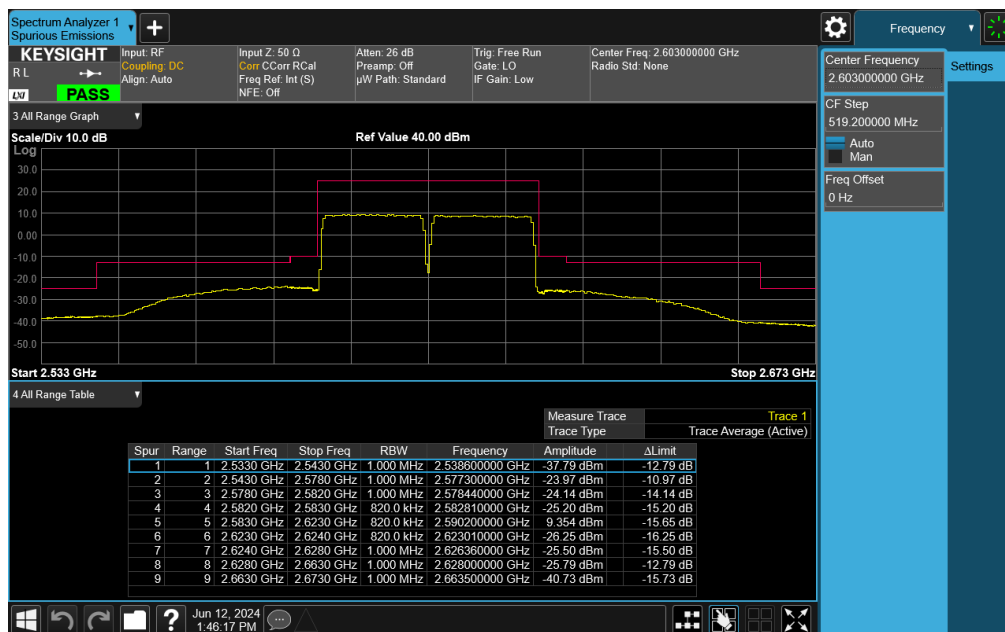
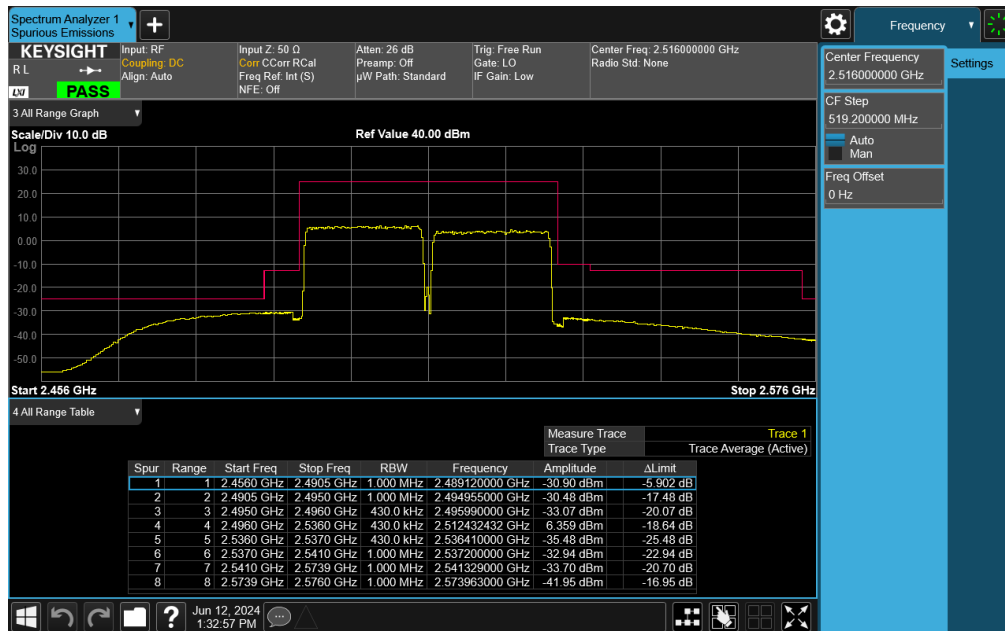


Plot 7-606. Upper ACP Plot (UCLA LTE B7 – (20+20)MHz QPSK - Full RB)

FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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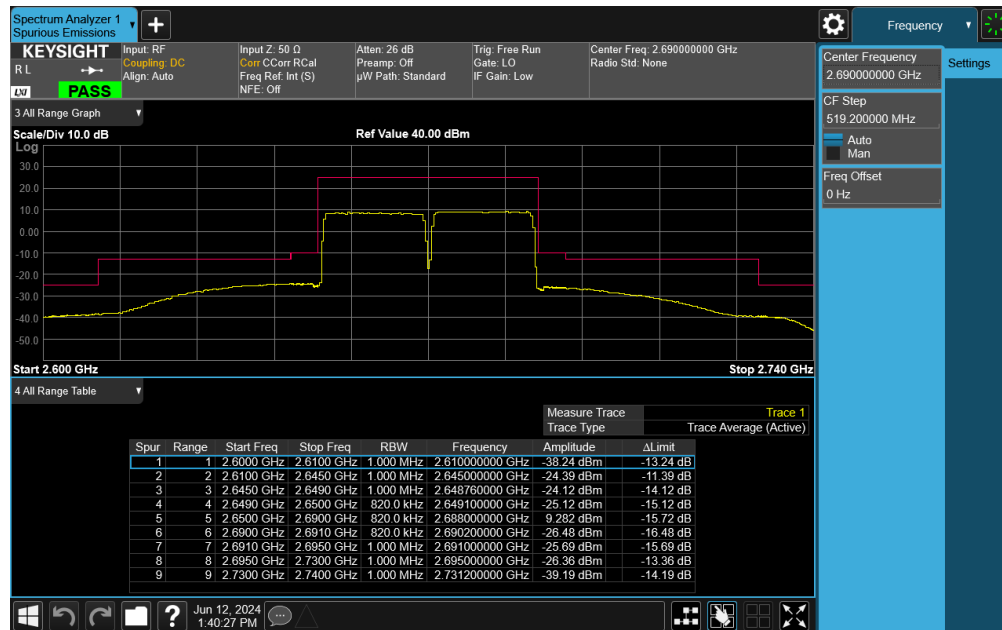
ULCA - LTE Band 41



FCC ID: BCGA2995	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.5 Additional Maximum Power Reduction (A-MPR)

§2.1046

Test Overview

A-MPR is implemented in this device when operating at Power Class 2 in LTE Band 41 per the A-MPR specification in 3GPP TS 36.101. The conducted powers are shown herein to cover the different A-MPR levels specified in the standard. Conducted power measurements are performed to measure the average output power of the EUT. The averaging is to be performed only over duration of active transmissions at maximum output power level. The average measurements do not include averaging over periods when the transmitter is quiescent or when operating at reduced power level. All ports were tested and only the worst case data were reported.

Test Procedure Used

KDB 971168 D01 v03

Test Setup

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

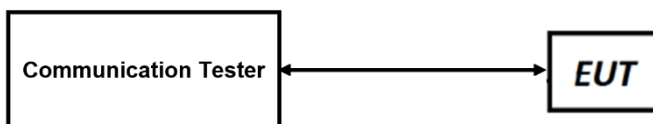


Figure 7-7. Conducted Power Measurement Setup

Test Notes

None.

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Test Case	NS	MCC	MNC	Channel BW [MHz]	Channel Number	Channel Frequency [MHz]	RB Size	RB Offset	A-MPR [dB]	Modulation	MPR [dB]	Measured Power [dBm]	Lowest Typical Power [dBm]	Delta [dB]
1	01	312	530	5	39675	2498.5	1	0	3	QPSK	0	25.72	24.7	1.02
										16-QAM	1	25.34	23.7	1.64
										64-QAM	2	24.36	22.7	1.66
										256-QAM	4	23.24	20.7	2.54
2				5	39675	2498.5	1	9	0	QPSK	0	28.63	27.7	0.93
										16-QAM	1	28.36	26.7	1.66
										64-QAM	2	27.23	25.7	1.53
										256-QAM	4	24.33	23.7	0.63
3				10	39700	2501	1	0	5	QPSK	0	23.86	22.7	1.16
										16-QAM	1	23.31	21.7	1.61
										64-QAM	2	22.29	20.7	1.59
										256-QAM	4	19.25	18.7	0.55
4				10	39700	2501	20	0	2	QPSK	0	26.20	25.7	0.50
										16-QAM	1	25.36	24.7	0.66
										64-QAM	2	24.44	23.7	0.74
										256-QAM	4	22.29	21.7	0.59
5				10	39700	2501	50	0	3	QPSK	0	25.36	24.7	0.66
										16-QAM	1	24.33	23.7	0.63
										64-QAM	2	23.21	22.7	0.51
										256-QAM	4	21.39	20.7	0.69
6				10	39700	2501	25	20	1	QPSK	0	27.41	26.7	0.71
										16-QAM	1	26.36	25.7	0.66
										64-QAM	2	25.31	24.7	0.61
										256-QAM	4	24.29	22.7	1.59
7				10	39700	2501	1	36	0	QPSK	0	28.69	27.7	0.99
										16-QAM	1	28.29	26.7	1.59
										64-QAM	2	27.41	25.7	1.71
										256-QAM	4	24.32	23.7	0.62
8				15	39725	2503.5	1	0	5	QPSK	0	23.59	22.7	0.89
										16-QAM	1	22.96	21.7	1.26
										64-QAM	2	22.12	20.7	1.42
										256-QAM	4	19.16	18.7	0.46
9				15	39725	2503.5	20	0	2	QPSK	0	26.19	25.7	0.49
										16-QAM	1	25.21	24.7	0.51
										64-QAM	2	24.20	23.7	0.50
										256-QAM	4	22.23	21.7	0.53
10				15	39725	2503.5	75	0	4	QPSK	0	24.31	23.7	0.61
										16-QAM	1	23.28	22.7	0.58
										64-QAM	2	22.24	21.7	0.54
										256-QAM	4	20.21	19.7	0.51
11				15	39725	2503.5	50	15	3	QPSK	0	25.31	24.7	0.61
										16-QAM	1	24.24	23.7	0.54
										64-QAM	2	23.23	22.7	0.53
										256-QAM	4	21.16	20.7	0.46
12				15	39725	2503.5	1	60	0	QPSK	0	28.66	27.7	0.96
										16-QAM	1	28.24	26.7	1.54
										64-QAM	2	27.39	25.7	1.69
										256-QAM	4	24.12	23.7	0.42
13				20	39750	2506	1	0	5	QPSK	0	23.51	22.7	0.81
										16-QAM	1	23.06	21.7	1.36
										64-QAM	2	21.99	20.7	1.29
										256-QAM	4	19.12	18.7	0.42
14				20	39750	2506	20	0	2	QPSK	0	26.21	25.7	0.51
										16-QAM	1	25.19	24.7	0.49
										64-QAM	2	24.22	23.7	0.52
										256-QAM	4	22.26	21.7	0.56
15				20	39750	2506	100	0	4	QPSK	0	24.12	23.7	0.42
										16-QAM	1	23.29	22.7	0.59
										64-QAM	2	22.21	21.7	0.51
										256-QAM	4	20.13	19.7	0.43
16				20	39750	2506	75	24	3	QPSK	0	25.19	24.7	0.49
										16-QAM	1	24.26	23.7	0.56
										64-QAM	2	23.14	22.7	0.44
										256-QAM	4	21.18	20.7	0.48
17				20	39750	2506	1	77	0	QPSK	0	28.64	27.7	0.94
										16-QAM	1	28.31	26.7	1.61
										64-QAM	2	27.26	25.7	1.56
										256-QAM	4	24.12	23.7	0.42
18	01	311	490	5	39675	2498.5	1	0	3	QPSK	0	25.76	24.7	1.06
										16-QAM	1	25.34	23.7	1.64
										64-QAM	2	24.41	22.7	1.71
										256-QAM	4	21.26	20.7	0.56
19	01	001	01	5	39675	2498.5	1	0	0	QPSK	0	28.70	27.7	1.00
										16-QAM	1	28.34	26.7	1.64
										64-QAM	2	27.32	25.7	1.62
										256-QAM	4	24.31	23.7	0.61

Table 7-2. A-MPR Conducted Power Measurements

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7.6 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.

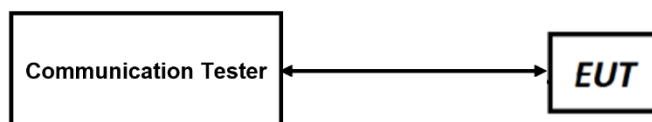


Figure 7-8. EIRP Measurement Setup

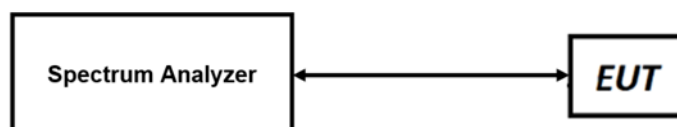


Figure 7-9. EIRP Measurement Setup

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Test Notes

1. The EUT was tested in all possible test configurations. The worst case emissions are reported with the EUT modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
2. This unit was tested with its standard battery.
3. The Level (dBm) readings in the table were taken with a correction table loaded into the base station simulator. The correction table was used to account for the signal attenuation in the connecting cable between the transmitter and antenna.
4. Uplink carrier aggregation for LTE Band 7 is only supported in this EUT while operating in Power Class 3.
5. Uplink carrier aggregation for LTE Band 41 is supported in this EUT while operating in Power Class 2 and Power Class 3.
6. For ULCA, conducted power measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. Channel bandwidth data is shown in the tables below based only on the channel bandwidths that were supported in this device.
7. For ULCA, compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater for frequencies less than 1 GHz and 1 MHz or greater for frequencies greater than 1 GHz.

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7.6.1 Antenna 3b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-2.60	1 / 12	25.30	22.70	0.186	23.98	-1.28
		2310.0	-2.60	1 / 0	25.58	22.98	0.199	23.98	-1.00
		2312.5	-2.60	1 / 12	25.61	23.01	0.200	23.98	-0.97
	16-QAM	2312.5	-2.60	1 / 24	24.52	21.92	0.156	23.98	-2.06
	64-QAM	2312.5	-2.60	1 / 12	23.58	20.98	0.125	23.98	-3.00
	256-QAM	2307.5	-2.60	1 / 12	20.77	18.17	0.066	23.98	-5.81
10 MHz	QPSK	2310.0	-2.60	1 / 49	25.66	23.06	0.202	23.98	-0.92
	16-QAM	2310.0	-2.60	1 / 25	24.58	21.98	0.158	23.98	-2.00
	64-QAM	2310.0	-2.60	1 / 25	23.64	21.04	0.127	23.98	-2.94
	256-QAM	2310.0	-2.60	1 / 49	20.79	18.19	0.066	23.98	-5.79

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

FCC ID: BCGA2995	 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	-4.30	1 / 0	25.45	21.15	0.130	33.01	-11.86
		2535.0	-4.30	1 / 0	25.70	21.40	0.138	33.01	-11.61
		2567.5	-4.30	1 / 24	25.41	21.11	0.129	33.01	-11.90
	16-QAM	2535.0	-4.30	1 / 24	24.61	20.31	0.107	33.01	-12.70
	64-QAM	2567.5	-4.30	1 / 0	23.67	19.37	0.086	33.01	-13.64
	256-QAM	2502.5	-4.30	1 / 0	20.75	16.45	0.044	33.01	-16.56
10 MHz	QPSK	2505.0	-4.30	1 / 25	25.64	21.34	0.136	33.01	-11.67
		2535.0	-4.30	1 / 25	25.61	21.31	0.135	33.01	-11.70
		2565.0	-4.30	1 / 25	25.68	21.38	0.137	33.01	-11.63
	16-QAM	2505.0	-4.30	1 / 0	24.70	20.40	0.110	33.01	-12.61
	64-QAM	2505.0	-4.30	1 / 0	23.70	19.40	0.087	33.01	-13.61
	256-QAM	2505.0	-4.30	1 / 49	20.76	16.46	0.044	33.01	-16.55
15 MHz	QPSK	2507.5	-4.30	1 / 37	25.63	21.33	0.136	33.01	-11.68
		2535.0	-4.30	1 / 0	25.70	21.40	0.138	33.01	-11.61
		2562.5	-4.30	1 / 0	25.56	21.26	0.134	33.01	-11.75
	16-QAM	2535.0	-4.30	1 / 37	24.69	20.39	0.109	33.01	-12.62
	64-QAM	2562.5	-4.30	1 / 74	23.68	19.38	0.087	33.01	-13.63
	256-QAM	2535.0	-4.30	1 / 0	20.78	16.48	0.044	33.01	-16.53
20 MHz	QPSK	2510.0	-4.30	1 / 50	25.38	21.08	0.128	33.01	-11.93
		2535.0	-4.30	1 / 0	25.51	21.21	0.132	33.01	-11.80
		2560.0	-4.30	1 / 0	25.56	21.26	0.134	33.01	-11.75
	16-QAM	2510.0	-4.30	1 / 99	24.67	20.37	0.109	33.01	-12.64
	64-QAM	2535.0	-4.30	1 / 0	23.67	19.37	0.086	33.01	-13.64
	256-QAM	2560.0	-4.30	1 / 99	20.74	16.44	0.044	33.01	-16.57

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

FCC ID: BCGA2995	 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	-4.50	1 / 24	27.69	23.19	0.208	33.01	-9.82
		2593.0	-4.50	1 / 0	27.65	23.15	0.207	33.01	-9.86
		2687.5	-4.50	1 / 12	27.62	23.12	0.205	33.01	-9.89
	16-QAM	2593.0	-4.50	1 / 0	26.51	22.01	0.159	33.01	-11.00
	64-QAM	2687.5	-4.50	1 / 24	25.64	21.14	0.130	33.01	-11.87
	256-QAM	2593.0	-4.50	1 / 0	22.79	18.29	0.067	33.01	-14.72
10 MHz	QPSK	2501.0	-4.50	1 / 49	27.26	22.76	0.189	33.01	-10.25
		2593.0	-4.50	1 / 0	27.66	23.16	0.207	33.01	-9.85
		2685.0	-4.50	1 / 25	27.54	23.04	0.201	33.01	-9.97
	16-QAM	2505.0	-4.50	1 / 0	26.76	22.26	0.168	33.01	-10.75
	64-QAM	2685.0	-4.50	1 / 49	25.70	21.20	0.132	33.01	-11.81
	256-QAM	2685.0	-4.50	1 / 49	22.57	18.07	0.064	33.01	-14.94
15 MHz	QPSK	2503.5	-4.50	1 / 74	27.47	22.97	0.198	33.01	-10.04
		2593.0	-4.50	1 / 0	27.70	23.20	0.209	33.01	-9.81
		2682.5	-4.50	1 / 37	27.68	23.18	0.208	33.01	-9.83
	16-QAM	2682.5	-4.50	1 / 37	26.56	22.06	0.161	33.01	-10.95
	64-QAM	2682.5	-4.50	1 / 0	25.70	21.20	0.132	33.01	-11.81
	256-QAM	2682.5	-4.50	1 / 74	22.60	18.10	0.065	33.01	-14.91
20 MHz	QPSK	2506.0	-4.50	1 / 99	27.53	23.03	0.201	33.01	-9.98
		2593.0	-4.50	1 / 99	27.58	23.08	0.203	33.01	-9.93
		2680.0	-4.50	1 / 0	27.70	23.20	0.209	33.01	-9.81
	16-QAM	2593.0	-4.50	1 / 0	26.68	22.18	0.165	33.01	-10.83
	64-QAM	2680.0	-4.50	1 / 50	25.71	21.21	0.132	33.01	-11.80
	256-QAM	2680.0	-4.50	1 / 50	22.90	18.40	0.069	33.01	-14.61

Table 7-5. Antenna 3b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 339 of 425

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LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-4.50	1 / 24	25.41	20.91	0.123	33.01	-12.10
		2593.0	-4.50	1 / 24	25.54	21.04	0.127	33.01	-11.97
		2687.5	-4.50	1 / 12	25.59	21.09	0.129	33.01	-11.92
	16-QAM	2593.0	-4.50	1 / 12	24.55	20.05	0.101	33.01	-12.96
	64-QAM	2593.0	-4.50	1 / 12	23.78	19.28	0.085	33.01	-13.73
	256-QAM	2687.5	-4.50	1 / 0	20.89	16.39	0.044	33.01	-16.62
10 MHz	QPSK	2501.0	-4.50	1 / 25	25.52	21.02	0.126	33.01	-11.99
		2593.0	-4.50	1 / 0	25.43	20.93	0.124	33.01	-12.08
		2685.0	-4.50	1 / 25	25.70	21.20	0.132	33.01	-11.81
	16-QAM	2685.0	-4.50	1 / 0	24.66	20.16	0.104	33.01	-12.85
	64-QAM	2685.0	-4.50	1 / 25	23.70	19.20	0.083	33.01	-13.81
	256-QAM	2593.0	-4.50	1 / 25	20.81	16.31	0.043	33.01	-16.70
15 MHz	QPSK	2503.5	-4.50	1 / 74	25.60	21.10	0.129	33.01	-11.91
		2593.0	-4.50	1 / 0	25.66	21.16	0.131	33.01	-11.85
		2682.5	-4.50	1 / 74	25.69	21.19	0.132	33.01	-11.82
	16-QAM	2593.0	-4.50	1 / 0	24.73	20.23	0.105	33.01	-12.78
	64-QAM	2682.5	-4.50	1 / 0	23.65	19.15	0.082	33.01	-13.86
	256-QAM	2593.0	-4.50	1 / 37	20.74	16.24	0.042	33.01	-16.77
20 MHz	QPSK	2506.0	-4.50	1 / 99	25.69	21.19	0.132	33.01	-11.82
		2593.0	-4.50	1 / 50	25.42	20.92	0.124	33.01	-12.09
		2680.0	-4.50	1 / 0	25.70	21.20	0.132	33.01	-11.81
	16-QAM	2680.0	-4.50	1 / 0	24.38	19.88	0.097	33.01	-13.13
	64-QAM	2593.0	-4.50	1 / 50	23.71	19.21	0.083	33.01	-13.80
	256-QAM	2593.0	-4.50	1 / 99	20.82	16.32	0.043	33.01	-16.69

Table 7-6. Antenna 3b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 340 of 425

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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	-2.60	25 / 0	24.96	22.36	0.172	23.98	-1.62
		2310.0	-2.60	25 / 0	24.99	22.39	0.173	23.98	-1.59
		2312.5	-2.60	25 / 0	25.14	22.54	0.179	23.98	-1.44
	QPSK	2307.5	-2.60	25 / 0	24.42	21.82	0.152	23.98	-2.16
		2310.0	-2.60	25 / 0	24.63	22.03	0.160	23.98	-1.95
		2312.5	-2.60	25 / 0	24.59	21.99	0.158	23.98	-1.99
	16-QAM	2310.0	-2.60	25 / 0	23.70	21.10	0.129	23.98	-2.88
	64-QAM	2310.0	-2.60	25 / 0	23.18	20.58	0.114	23.98	-3.40
	256-QAM	2312.5	-2.60	25 / 0	21.19	18.59	0.072	23.98	-5.39
10 MHz	$\pi/2$ BPSK	2310.0	-2.60	50 / 0	25.15	22.55	0.180	23.98	-1.43
	QPSK	2310.0	-2.60	50 / 0	24.67	22.07	0.161	23.98	-1.91
	16-QAM	2310.0	-2.60	50 / 0	23.43	20.83	0.121	23.98	-3.15
	64-QAM	2310.0	-2.60	50 / 0	22.95	20.35	0.108	23.98	-3.63
	256-QAM	2310.0	-2.60	50 / 0	21.02	18.42	0.070	23.98	-5.56

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 341 of 425

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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	-4.30	1 / 12	25.66	21.36	0.137	33.01	-11.65
		2535.0	-4.30	1 / 12	25.60	21.30	0.135	33.01	-11.71
		2567.5	-4.30	1 / 23	25.70	21.40	0.138	33.01	-11.61
	QPSK	2502.5	-4.30	1 / 1	25.68	21.38	0.137	33.01	-11.63
		2535.0	-4.30	1 / 1	25.52	21.22	0.132	33.01	-11.79
		2567.5	-4.30	1 / 12	25.41	21.11	0.129	33.01	-11.90
	16-QAM	2567.5	-4.30	1 / 1	24.72	20.42	0.110	33.01	-12.59
	64-QAM	2502.5	-4.30	1 / 1	23.49	19.19	0.083	33.01	-13.82
10 MHz	π/2 BPSK	2535.0	-4.30	1 / 1	25.60	21.30	0.135	33.01	-11.71
		2565.0	-4.30	1 / 50	25.61	21.31	0.135	33.01	-11.70
		2505.0	-4.30	1 / 25	25.65	21.35	0.136	33.01	-11.66
	QPSK	2535.0	-4.30	1 / 1	25.58	21.28	0.134	33.01	-11.73
		2565.0	-4.30	1 / 50	25.70	21.40	0.138	33.01	-11.61
		2535.0	-4.30	1 / 50	24.67	20.37	0.109	33.01	-12.64
	16-QAM	2535.0	-4.30	1 / 25	23.59	19.29	0.085	33.01	-13.72
	64-QAM	2535.0	-4.30	1 / 25	23.59	19.29	0.085	33.01	-13.72
15 MHz	π/2 BPSK	2535.0	-4.30	1 / 36	25.50	21.20	0.132	33.01	-11.81
		2562.5	-4.30	1 / 1	25.28	20.98	0.125	33.01	-12.03
		2507.5	-4.30	1 / 77	25.66	21.36	0.137	33.01	-11.65
	QPSK	2535.0	-4.30	1 / 77	25.70	21.40	0.138	33.01	-11.61
		2562.5	-4.30	1 / 36	25.55	21.25	0.133	33.01	-11.76
		2562.5	-4.30	1 / 77	24.73	20.43	0.110	33.01	-12.58
	16-QAM	2562.5	-4.30	1 / 77	23.71	19.41	0.087	33.01	-13.60
	64-QAM	2535.0	-4.30	1 / 77	23.71	19.41	0.087	33.01	-13.60
20 MHz	π/2 BPSK	2510.0	-4.30	1 / 104	25.67	21.37	0.137	33.01	-11.64
		2535.0	-4.30	1 / 104	25.64	21.34	0.136	33.01	-11.67
		2560.0	-4.30	1 / 1	25.44	21.14	0.130	33.01	-11.87
	QPSK	2510.0	-4.30	1 / 50	25.70	21.40	0.138	33.01	-11.61
		2535.0	-4.30	1 / 104	25.58	21.28	0.134	33.01	-11.73
		2560.0	-4.30	1 / 1	25.53	21.23	0.133	33.01	-11.78
	16-QAM	2510.0	-4.30	1 / 104	24.65	20.35	0.108	33.01	-12.66
	64-QAM	2510.0	-4.30	1 / 104	23.70	19.40	0.087	33.01	-13.61
25 MHz	π/2 BPSK	2512.5	-4.30	1 / 131	25.70	21.40	0.138	33.01	-11.61
		2535.0	-4.30	1 / 1	25.57	21.27	0.134	33.01	-11.74
		2557.5	-4.30	1 / 64	25.60	21.30	0.135	33.01	-11.71
	QPSK	2512.5	-4.30	1 / 1	25.70	21.40	0.138	33.01	-11.61
		2535.0	-4.30	1 / 1	25.37	21.07	0.128	33.01	-11.94
		2557.5	-4.30	1 / 64	25.69	21.39	0.138	33.01	-11.62
	16-QAM	2535.0	-4.30	1 / 1	24.67	20.37	0.109	33.01	-12.64
	64-QAM	2535.0	-4.30	1 / 131	23.59	19.29	0.085	33.01	-13.72
30 MHz	π/2 BPSK	2512.5	-4.30	1 / 1	20.80	16.50	0.045	33.01	-16.51
		2515.0	-4.30	1 / 80	25.70	21.40	0.138	33.01	-11.61
		2535.0	-4.30	1 / 158	25.70	21.40	0.138	33.01	-11.61
	QPSK	2555.0	-4.30	1 / 158	25.60	21.30	0.135	33.01	-11.71
		2515.0	-4.30	1 / 80	25.54	21.24	0.133	33.01	-11.77
		2535.0	-4.30	1 / 80	25.59	21.29	0.135	33.01	-11.72
		2555.0	-4.30	1 / 1	25.45	21.15	0.130	33.01	-11.86
	16-QAM	2535.0	-4.30	1 / 80	24.72	20.42	0.110	33.01	-12.59
35 MHz	π/2 BPSK	2515.0	-4.30	1 / 1	20.66	16.36	0.043	33.01	-16.65
		2517.5	-4.30	1 / 1	25.24	20.94	0.124	33.01	-12.07
		2535.0	-4.30	1 / 1	25.65	21.35	0.136	33.01	-11.66
	QPSK	2552.5	-4.30	1 / 186	25.29	20.99	0.126	33.01	-12.02
		2517.5	-4.30	1 / 1	25.69	21.39	0.138	33.01	-11.62
		2535.0	-4.30	1 / 1	25.69	21.39	0.138	33.01	-11.62
		2552.5	-4.30	1 / 1	25.70	21.40	0.138	33.01	-11.61
	16-QAM	2535.0	-4.30	1 / 186	24.69	20.39	0.109	33.01	-12.62
40 MHz	π/2 BPSK	2552.5	-4.30	1 / 1	23.68	19.38	0.087	33.01	-13.63
		2552.5	-4.30	1 / 186	23.68	19.38	0.087	33.01	-13.63
		2552.5	-4.30	1 / 1	20.79	16.49	0.045	33.01	-16.52
	QPSK	2520.0	-4.30	1 / 1	25.35	21.05	0.127	33.01	-11.96
		2535.0	-4.30	1 / 214	25.70	21.40	0.138	33.01	-11.61
		2550.0	-4.30	1 / 214	25.60	21.30	0.135	33.01	-11.71
	16-QAM	2520.0	-4.30	1 / 214	25.70	21.40	0.138	33.01	-11.61
		2535.0	-4.30	1 / 1	25.66	21.36	0.137	33.01	-11.65
		2550.0	-4.30	1 / 108	25.49	21.19	0.132	33.01	-11.82
40 MHz	π/2 BPSK	2520.0	-4.30	1 / 214	24.79	20.49	0.112	33.01	-12.52
		2535.0	-4.30	1 / 108	23.72	19.42	0.087	33.01	-13.59
		2550.0	-4.30	1 / 1	20.77	16.47	0.044	33.01	-16.54
	QPSK	2520.0	-4.30	1 / 214	25.70	21.40	0.138	33.01	-11.61
		2535.0	-4.30	1 / 1	25.66	21.36	0.137	33.01	-11.65
		2550.0	-4.30	1 / 108	25.49	21.19	0.132	33.01	-11.82
	16-QAM	2520.0	-4.30	1 / 214	24.79	20.49	0.112	33.01	-12.52
		2535.0	-4.30	1 / 108	23.72	19.42	0.087	33.01	-13.59
		2550.0	-4.30	1 / 1	20.77	16.47	0.044	33.01	-16.54

Table 7-8. Antenna 3b EIRP Data (NR Band n7)

FCC ID: BCGA2995		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device		Page 342 of 425

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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	π/2 BPSK	2501.0	-4.50	1 / 12	27.42	22.92	0.196	33.01	-10.09
		2593.0	-4.50	1 / 22	27.60	23.10	0.204	33.01	-9.91
		2685.0	-4.50	1 / 12	27.70	23.20	0.209	33.01	-9.81
	QPSK	2501.0	-4.50	1 / 12	27.48	22.98	0.199	33.01	-10.03
		2593.0	-4.50	1 / 22	27.60	23.10	0.204	33.01	-9.91
		2685.0	-4.50	1 / 22	27.68	23.18	0.208	33.01	-9.83
	16-QAM	2593.0	-4.50	1 / 12	26.66	22.16	0.164	33.01	-10.85
	64-QAM	2685.0	-4.50	1 / 22	25.55	21.05	0.127	33.01	-11.96
	256-QAM	2685.0	-4.50	1 / 22	23.37	18.87	0.077	33.01	-14.14
15 MHz	π/2 BPSK	2503.5	-4.50	1 / 36	27.54	23.04	0.201	33.01	-9.97
		2593.0	-4.50	1 / 18	27.60	23.10	0.204	33.01	-9.91
		2682.5	-4.50	1 / 36	27.70	23.20	0.209	33.01	-9.81
	QPSK	2503.5	-4.50	1 / 18	27.57	23.07	0.203	33.01	-9.94
		2593.0	-4.50	1 / 18	27.69	23.19	0.208	33.01	-9.82
		2682.5	-4.50	1 / 18	27.60	23.10	0.204	33.01	-9.91
	16-QAM	2682.5	-4.50	1 / 36	26.75	22.25	0.168	33.01	-10.76
	64-QAM	2682.5	-4.50	1 / 36	25.68	21.18	0.131	33.01	-11.83
	256-QAM	2593.0	-4.50	1 / 36	23.35	18.85	0.077	33.01	-14.16
20 MHz	π/2 BPSK	2506.0	-4.50	1 / 49	27.56	23.06	0.202	33.01	-9.95
		2593.0	-4.50	1 / 25	27.64	23.14	0.206	33.01	-9.87
		2680.0	-4.50	1 / 49	27.70	23.20	0.209	33.01	-9.81
	QPSK	2506.0	-4.50	1 / 49	27.61	23.11	0.205	33.01	-9.90
		2593.0	-4.50	1 / 25	27.65	23.15	0.207	33.01	-9.86
		2680.0	-4.50	1 / 25	27.57	23.07	0.203	33.01	-9.94
	16-QAM	2680.0	-4.50	1 / 49	26.78	22.28	0.169	33.01	-10.73
	64-QAM	2593.0	-4.50	1 / 49	25.56	21.06	0.128	33.01	-11.95
	256-QAM	2680.0	-4.50	1 / 49	23.26	18.76	0.075	33.01	-14.25
30 MHz	π/2 BPSK	2511.0	-4.50	1 / 76	27.66	23.16	0.207	33.01	-9.85
		2593.0	-4.50	1 / 76	27.63	23.13	0.206	33.01	-9.88
		2675.0	-4.50	1 / 76	27.70	23.20	0.209	33.01	-9.81
	QPSK	2511.0	-4.50	1 / 76	27.66	23.16	0.207	33.01	-9.85
		2593.0	-4.50	1 / 76	27.62	23.12	0.205	33.01	-9.89
		2675.0	-4.50	1 / 36	27.43	22.93	0.196	33.01	-10.08
	16-QAM	2675.0	-4.50	1 / 76	26.66	22.16	0.164	33.01	-10.85
	64-QAM	2675.0	-4.50	1 / 36	25.57	21.07	0.128	33.01	-11.94
	256-QAM	2675.0	-4.50	1 / 76	23.44	18.94	0.078	33.01	-14.07
40 MHz	π/2 BPSK	2516.0	-4.50	1 / 50	27.50	23.00	0.199	33.01	-10.01
		2593.0	-4.50	1 / 104	27.67	23.17	0.208	33.01	-9.84
		2670.0	-4.50	1 / 104	27.69	23.19	0.209	33.01	-9.82
	QPSK	2516.0	-4.50	1 / 50	27.56	23.06	0.202	33.01	-9.95
		2593.0	-4.50	1 / 104	27.70	23.20	0.209	33.01	-9.81
		2670.0	-4.50	1 / 50	27.55	23.05	0.202	33.01	-9.96
	16-QAM	2593.0	-4.50	1 / 104	26.75	22.25	0.168	33.01	-10.76
	64-QAM	2593.0	-4.50	1 / 104	25.58	21.08	0.128	33.01	-11.93
	256-QAM	2593.0	-4.50	1 / 50	23.28	18.78	0.076	33.01	-14.23
50 MHz	π/2 BPSK	2521.0	-4.50	1 / 131	27.61	23.11	0.205	33.01	-9.90
		2593.0	-4.50	1 / 64	27.61	23.11	0.205	33.01	-9.90
		2665.0	-4.50	1 / 64	27.60	23.10	0.204	33.01	-9.91
	QPSK	2521.0	-4.50	1 / 131	27.66	23.16	0.207	33.01	-9.85
		2593.0	-4.50	1 / 131	27.70	23.20	0.209	33.01	-9.81
		2665.0	-4.50	1 / 131	27.50	23.00	0.199	33.01	-10.01
	16-QAM	2593.0	-4.50	1 / 64	26.66	22.16	0.165	33.01	-10.85
	64-QAM	2593.0	-4.50	1 / 131	25.53	21.03	0.127	33.01	-11.98
	256-QAM	2665.0	-4.50	1 / 131	23.44	18.94	0.078	33.01	-14.07
60 MHz	π/2 BPSK	2526.0	-4.50	1 / 81	27.55	23.05	0.202	33.01	-9.96
		2593.0	-4.50	1 / 81	27.55	23.05	0.202	33.01	-9.96
		2660.0	-4.50	1 / 81	27.56	23.06	0.202	33.01	-9.95
	QPSK	2526.0	-4.50	1 / 160	27.49	22.99	0.199	33.01	-10.02
		2593.0	-4.50	1 / 81	27.63	23.13	0.205	33.01	-9.89
		2660.0	-4.50	1 / 160	27.48	22.98	0.199	33.01	-10.03
	16-QAM	2593.0	-4.50	1 / 81	26.61	22.11	0.163	33.01	-10.90
	64-QAM	2593.0	-4.50	1 / 81	25.69	21.19	0.131	33.01	-11.82
	256-QAM	2660.0	-4.50	1 / 160	23.25	18.75	0.075	33.01	-14.26
70 MHz	π/2 BPSK	2531.0	-4.50	1 / 90	27.65	23.15	0.206	33.01	-9.86
		2593.0	-4.50	1 / 90	27.62	23.12	0.205	33.01	-9.89
		2655.0	-4.50	1 / 90	27.51	23.01	0.200	33.01	-10.00
	QPSK	2531.0	-4.50	1 / 90	27.55	23.05	0.202	33.01	-9.96
		2593.0	-4.50	1 / 90	27.52	23.02	0.200	33.01	-9.99
		2655.0	-4.50	1 / 90	27.47	22.97	0.198	33.01	-10.04
	16-QAM	2593.0	-4.50	1 / 187	26.65	22.15	0.164	33.01	-10.86
	64-QAM	2655.0	-4.50	1 / 90	25.51	21.01	0.126	33.01	-12.00
	256-QAM	2655.0	-4.50	1 / 187	23.27	18.77	0.075	33.01	-14.24
80 MHz	π/2 BPSK	2536.0	-4.50	1 / 215	27.69	23.19	0.208	33.01	-9.82
		2593.0	-4.50	1 / 108	27.70	23.20	0.209	33.01	-9.81
		2650.0	-4.50	1 / 108	27.43	22.93	0.196	33.01	-10.08
	QPSK	2536.0	-4.50	1 / 215	27.70	23.20	0.209	33.01	-9.81
		2593.0	-4.50	1 / 108	27.44	22.94	0.197	33.01	-10.07
		2650.0	-4.50	1 / 108	27.44	22.94	0.197	33.01	-10.07
	16-QAM	2593.0	-4.50	1 / 215	26.43	21.93	0.156	33.01	-11.08
	64-QAM	2650.0	-4.50	1 / 108	25.36	20.86	0.122	33.01	-12.15
	256-QAM	2593.0	-4.50	1 / 108	23.16	18.66	0.073	33.01	-14.35
90 MHz	π/2 BPSK	2541.0	-4.50	1 / 243	27.59	23.09	0.204	33.01	-9.92
		2593.0	-4.50	1 / 243	27.70	23.20	0.209	33.01	-9.81
		2645.0	-4.50	1 / 120	27.55	23.05	0.202	33.01	-9.96
	QPSK	2541.0	-4.50	1 / 243	27.61	23.11	0.205	33.01	-9.90
		2593.0	-4.50	1 / 120	27.70	23.20	0.209	33.01	-9.81
		2645.0	-4.50	1 / 243	27.59	23.09	0.204	33.01	-9.92
	16-QAM	2645.0	-4.50	1 / 120	26.82	22.32	0.170	33.01	-10.70
	64-QAM	2593.0	-4.50	1 / 120	25.43	20.93	0.124	33.01	-12.08
	256-QAM	2593.0	-4.50	1 / 243	23.29	18.79	0.076	33.01	-14.22
100 MHz	π/2 BPSK	2546.0	-4.50	1 / 271	27.56	23.06	0.202	33.01	-9.95
		2593.0	-4.50	1 / 135	27.70	23.20	0.209	33.01	-9.81
		2640.0	-4.50	1 / 271	27.69	23.19	0.209	33.01	-9.82
	QPSK	2546.0	-4.50	1 / 271	27.66	23.16	0.207	33.01	-9.85
		2593.0	-4.50	1 / 271	27.50	23.00	0.199	33.01	-10.01
		2640.0	-4.50	1 / 271	27.12	22.62	0.183	33.01	-10.39
	16-QAM	2640.0	-4.50	1 / 135	26.61	22.11	0.163	33.01	-10.90
	64-QAM	2593.0	-4.50	1 / 135	25.46	20.96	0.125	33.01	-12.05
	256-QAM	2593.0	-4.50	1 / 271	23.24	18.74	0.075	33.01	-14.27

Table 7-9. Antenna 3b EIRP Data (NR Band n41(PC2))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 343 of 425

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NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	2501.0	-4.50	1 / 12	25.62	21.12	0.129	33.01	-11.89
		2593.0	-4.50	1 / 12	25.59	21.09	0.128	33.01	-11.92
		2685.0	-4.50	1 / 12	25.68	21.18	0.131	33.01	-11.83
	QPSK	2501.0	-4.50	1 / 12	25.66	21.16	0.131	33.01	-11.85
		2593.0	-4.50	1 / 12	25.55	21.05	0.127	33.01	-11.96
		2685.0	-4.50	1 / 12	25.69	21.19	0.131	33.01	-11.82
	16-QAM	2685.0	-4.50	1 / 12	24.79	20.29	0.107	33.01	-12.72
	64-QAM	2685.0	-4.50	1 / 22	23.57	19.07	0.081	33.01	-13.94
	256-QAM	2685.0	-4.50	1 / 22	21.43	16.93	0.049	33.01	-16.08
15 MHz	π/2 BPSK	2503.5	-4.50	1 / 36	25.48	20.98	0.125	33.01	-12.03
		2593.0	-4.50	1 / 36	25.57	21.07	0.128	33.01	-11.94
		2682.5	-4.50	1 / 36	25.58	21.08	0.128	33.01	-11.93
	QPSK	2503.5	-4.50	1 / 36	25.56	21.06	0.128	33.01	-11.95
		2593.0	-4.50	1 / 36	25.64	21.14	0.130	33.01	-11.87
		2682.5	-4.50	1 / 36	25.70	21.20	0.132	33.01	-11.81
	16-QAM	2682.5	-4.50	1 / 18	24.83	20.33	0.108	33.01	-12.68
	64-QAM	2593.0	-4.50	1 / 36	23.61	19.11	0.081	33.01	-13.90
	256-QAM	2682.5	-4.50	1 / 18	21.31	16.81	0.048	33.01	-16.20
20 MHz	π/2 BPSK	2506.0	-4.50	1 / 49	25.54	21.04	0.127	33.01	-11.97
		2593.0	-4.50	1 / 49	25.62	21.12	0.130	33.01	-11.89
		2680.0	-4.50	1 / 49	25.70	21.20	0.132	33.01	-11.81
	QPSK	2506.0	-4.50	1 / 49	25.66	21.16	0.131	33.01	-11.85
		2593.0	-4.50	1 / 49	25.60	21.10	0.129	33.01	-11.91
		2680.0	-4.50	1 / 49	25.69	21.19	0.132	33.01	-11.82
	16-QAM	2680.0	-4.50	1 / 49	24.86	20.36	0.109	33.01	-12.65
	64-QAM	2680.0	-4.50	1 / 49	23.64	19.14	0.082	33.01	-13.87
	256-QAM	2593.0	-4.50	1 / 25	21.21	16.71	0.047	33.01	-16.30
30 MHz	π/2 BPSK	2511.0	-4.50	1 / 76	25.57	21.07	0.128	33.01	-11.94
		2593.0	-4.50	1 / 76	25.54	21.04	0.127	33.01	-11.97
		2675.0	-4.50	1 / 76	25.59	21.09	0.128	33.01	-11.92
	QPSK	2511.0	-4.50	1 / 76	25.63	21.13	0.130	33.01	-11.88
		2593.0	-4.50	1 / 76	25.61	21.11	0.129	33.01	-11.90
		2675.0	-4.50	1 / 76	25.70	21.20	0.132	33.01	-11.81
	16-QAM	2675.0	-4.50	1 / 36	24.61	20.11	0.102	33.01	-12.90
	64-QAM	2593.0	-4.50	1 / 76	23.47	18.97	0.079	33.01	-14.04
	256-QAM	2675.0	-4.50	1 / 76	21.20	16.70	0.047	33.01	-16.31
40 MHz	π/2 BPSK	2516.0	-4.50	1 / 104	25.60	21.10	0.129	33.01	-11.91
		2593.0	-4.50	1 / 104	25.61	21.11	0.129	33.01	-11.90
		2670.0	-4.50	1 / 104	25.70	21.20	0.132	33.01	-11.81
	QPSK	2516.0	-4.50	1 / 104	25.55	21.05	0.127	33.01	-11.96
		2593.0	-4.50	1 / 104	25.60	21.10	0.129	33.01	-11.91
		2670.0	-4.50	1 / 104	25.63	21.13	0.130	33.01	-11.88
	16-QAM	2593.0	-4.50	1 / 104	24.64	20.14	0.103	33.01	-12.87
	64-QAM	2670.0	-4.50	1 / 104	23.51	19.01	0.080	33.01	-14.00
	256-QAM	2670.0	-4.50	1 / 104	21.16	16.66	0.046	33.01	-16.35
50 MHz	π/2 BPSK	2521.0	-4.50	1 / 131	25.65	21.15	0.130	33.01	-11.86
		2593.0	-4.50	1 / 131	25.65	21.15	0.130	33.01	-11.86
		2665.0	-4.50	1 / 131	25.58	21.08	0.128	33.01	-11.93
	QPSK	2521.0	-4.50	1 / 131	25.70	21.20	0.132	33.01	-11.81
		2593.0	-4.50	1 / 131	25.66	21.16	0.131	33.01	-11.85
		2665.0	-4.50	1 / 131	25.67	21.17	0.131	33.01	-11.84
	16-QAM	2665.0	-4.50	1 / 131	24.93	20.43	0.111	33.01	-12.58
	64-QAM	2593.0	-4.50	1 / 64	23.51	19.01	0.080	33.01	-14.00
	256-QAM	2593.0	-4.50	1 / 64	21.18	16.68	0.047	33.01	-16.33
60 MHz	π/2 BPSK	2526.0	-4.50	1 / 160	25.49	20.99	0.126	33.01	-12.02
		2593.0	-4.50	1 / 81	25.49	20.99	0.126	33.01	-12.02
		2660.0	-4.50	1 / 160	25.66	21.16	0.131	33.01	-11.85
	QPSK	2526.0	-4.50	1 / 81	25.70	21.20	0.132	33.01	-11.81
		2593.0	-4.50	1 / 81	25.61	21.11	0.129	33.01	-11.90
		2660.0	-4.50	1 / 160	25.56	21.06	0.128	33.01	-11.95
	16-QAM	2660.0	-4.50	1 / 160	24.68	20.18	0.104	33.01	-12.83
	64-QAM	2660.0	-4.50	1 / 81	23.35	18.85	0.077	33.01	-14.16
	256-QAM	2593.0	-4.50	1 / 81	21.33	16.83	0.048	33.01	-16.18
70 MHz	π/2 BPSK	2531.0	-4.50	1 / 90	25.62	21.12	0.130	33.01	-11.89
		2593.0	-4.50	1 / 90	25.56	21.06	0.128	33.01	-11.95
		2655.0	-4.50	1 / 187	25.56	21.06	0.128	33.01	-11.95
	QPSK	2531.0	-4.50	1 / 90	25.70	21.20	0.132	33.01	-11.81
		2593.0	-4.50	1 / 90	25.57	21.07	0.128	33.01	-11.94
		2655.0	-4.50	1 / 187	25.68	21.18	0.131	33.01	-11.83
	16-QAM	2593.0	-4.50	1 / 90	24.90	20.40	0.110	33.01	-12.61
	64-QAM	2655.0	-4.50	1 / 187	23.44	18.94	0.078	33.01	-14.07
	256-QAM	2655.0	-4.50	1 / 187	21.15	16.65	0.046	33.01	-16.36
80 MHz	π/2 BPSK	2536.0	-4.50	1 / 108	25.62	21.12	0.130	33.01	-11.89
		2593.0	-4.50	1 / 215	25.70	21.20	0.132	33.01	-11.81
		2650.0	-4.50	1 / 215	25.65	21.15	0.130	33.01	-11.86
	QPSK	2536.0	-4.50	1 / 215	25.65	21.15	0.130	33.01	-11.86
		2593.0	-4.50	1 / 108	25.66	21.16	0.131	33.01	-11.85
		2650.0	-4.50	1 / 215	25.69	21.19	0.131	33.01	-11.82
	16-QAM	2593.0	-4.50	1 / 108	24.87	20.37	0.109	33.01	-12.64
	64-QAM	2650.0	-4.50	1 / 215	23.54	19.04	0.080	33.01	-13.97
	256-QAM	2593.0	-4.50	1 / 108	21.30	16.80	0.048	33.01	-16.21
90 MHz	π/2 BPSK	2541.0	-4.50	1 / 243	25.44	20.94	0.124	33.01	-12.07
		2593.0	-4.50	1 / 120	25.39	20.89	0.123	33.01	-12.12
		2645.0	-4.50	1 / 243	25.70	21.20	0.132	33.01	-11.81
	QPSK	2541.0	-4.50	1 / 243	25.40	20.90	0.123	33.01	-12.12
		2593.0	-4.50	1 / 243	25.58	21.08	0.128	33.01	-11.93
		2645.0	-4.50	1 / 243	25.62	21.12	0.129	33.01	-11.89
	16-QAM	2593.0	-4.50	1 / 243	24.60	20.10	0.102	33.01	-12.91
	64-QAM	2593.0	-4.50	1 / 120	23.29	18.79	0.076	33.01	-14.22
	256-QAM	2593.0	-4.50	1 / 120	21.19	16.69	0.047	33.01	-16.32
100 MHz	π/2 BPSK	2546.0	-4.50	1 / 135	25.50	21.00	0.126	33.01	-12.01
		2593.0	-4.50	1 / 135	25.50	21.00	0.126	33.01	-12.01
		2640.0	-4.50	1 / 271	25.65	21.15	0.130	33.01	-11.86
	QPSK	2546.0	-4.50	1 / 135	25.47	20.97	0.125	33.01	-12.04
		2593.0	-4.50	1 / 135	25.54	21.04	0.127	33.01	-11.97
		2640.0	-4.50	1 / 271	25.68	21.18	0.131	33.01	-11.83
	16-QAM	2640.0	-4.50	1 / 135	24.66	20.16	0.104	33.01	-12.85
	64-QAM	2593.0	-4.50	1 / 135	23.33	18.83	0.076	33.01	-14.18
	256-QAM	2593.0	-4.50	1 / 135	21.39	16.89	0.049	33.01	-16.12

Table 7-10. Antenna 3b EIRP Data (NR Band n41(PC3))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 344 of 425

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ULCA LTE Band 7

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	25.43	-4.30	21.13	0.130	33.01	-11.88
				21100	2535.0	1	99		21298	2549.8	1	0	25.23	-4.30	20.93	0.124	33.01	-12.08
				21350	2560.0	1	0		21152	2540.2	1	99	25.22	-4.30	20.92	0.124	33.01	-12.09
			QPSK	20850	2510	100	0	QPSK	21048	2529.8	100	0	23.76	-4.30	19.46	0.088	33.01	-13.55
			16-QAM	20850	2510	100	0	16-QAM	21048	2529.8	100	0	22.78	-4.30	18.48	0.070	33.01	-14.53
			64-QAM	20850	2510	100	0	64-QAM	21048	2529.8	100	0	22.46	-4.30	18.16	0.065	33.01	-14.85
			256-QAM	20850	2510	100	0	256-QAM	21048	2529.8	100	0	20.80	-4.30	16.50	0.045	33.01	-16.51

Table 7-11. Antenna 3b EIRP Data (ULCA LTE Band 7)

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]			
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB							UL RB Offset		
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	27.55	-4.50	23.05	0.202	33.01	-9.96		
				40620	2593.0	1	99		40818	2612.8	1	0	27.64	-4.50	23.14	0.206	33.01	-9.87		
				41490	2680.0	1	0		41292	2660.2	1	99	27.64	-4.50	23.14	0.206	33.01	-9.87		
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	20.87	-4.50	16.37	0.043	33.01	-16.64		
				16-QAM	40620	2593	100		0	16-QAM	40818	2612.8	100	0	19.79	-4.50	15.29	0.034	33.01	-17.72
				64-QAM	40620	2593	100		0	64-QAM	40818	2612.8	100	0	19.43	-4.50	14.93	0.031	33.01	-18.08
				256-QAM	40620	2593	100		0	256-QAM	40818	2612.8	100	0	17.59	-4.50	13.09	0.020	33.01	-19.92

Table 7-12. Antenna 3b EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	25.60	-4.50	21.10	0.129	33.01	-11.91
			QPSK	40620	2593.0	1	99		40818	2612.8	1	0	25.57	-4.50	21.07	0.128	33.01	-11.94
			QPSK	41490	2680.0	1	0		41292	2660.2	1	99	25.23	-4.50	20.73	0.118	33.01	-12.28
			QPSK	39750	2506	100	0	QPSK	39948	2525.8	100	0	22.52	-4.50	18.02	0.063	33.01	-14.99
			16-QAM	39750	2506	100	0	16-QAM	39948	2525.8	100	0	21.6	-4.50	17.10	0.051	33.01	-15.91
			64-QAM	39750	2506	100	0	64-QAM	39948	2525.8	100	0	21.56	-4.50	17.06	0.051	33.01	-15.95
			256-QAM	39750	2506	100	0	256-QAM	39948	2525.8	100	0	20.35	-4.50	15.85	0.038	33.01	-17.16

Table 7-13. Antenna 3b EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 345 of 425

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7.6.2 Antenna 1b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-2.20	1 / 0	23.68	21.48	0.141	23.98	-2.50
		2310.0	-2.20	1 / 12	23.65	21.45	0.140	23.98	-2.53
		2312.5	-2.20	1 / 12	23.70	21.50	0.141	23.98	-2.48
	16-QAM	2307.5	-2.20	1 / 24	22.70	20.50	0.112	23.98	-3.48
	64-QAM	2307.5	-2.20	1 / 12	21.68	19.48	0.089	23.98	-4.50
	256-QAM	2310.0	-2.20	1 / 24	18.75	16.55	0.045	23.98	-7.43
10 MHz	QPSK	2310.0	-2.20	1 / 0	23.67	21.47	0.140	23.98	-2.51
	16-QAM	2310.0	-2.20	1 / 49	22.49	20.29	0.107	23.98	-3.69
	64-QAM	2310.0	-2.20	1 / 0	21.42	19.22	0.084	23.98	-4.76
	256-QAM	2310.0	-2.20	1 / 25	18.68	16.48	0.044	23.98	-7.50

Table 7-14. Antenna 1b EIRP Data (LTE Band 30)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	-3.80	1 / 0	23.44	19.64	0.092	33.01	-13.37
		2535.0	-3.80	1 / 24	23.58	19.78	0.095	33.01	-13.23
		2567.5	-3.80	1 / 12	23.70	19.90	0.098	33.01	-13.11
	16-QAM	2567.5	-3.80	1 / 12	22.70	18.90	0.078	33.01	-14.11
	64-QAM	2567.5	-3.80	1 / 12	21.75	17.95	0.062	33.01	-15.06
	256-QAM	2535.0	-3.80	1 / 24	18.83	15.03	0.032	33.01	-17.98
10 MHz	QPSK	2505.0	-3.80	1 / 49	23.70	19.90	0.098	33.01	-13.11
		2535.0	-3.80	1 / 0	23.61	19.81	0.096	33.01	-13.20
		2565.0	-3.80	1 / 0	23.70	19.90	0.098	33.01	-13.11
	16-QAM	2505.0	-3.80	1 / 0	22.68	18.88	0.077	33.01	-14.13
	64-QAM	2565.0	-3.80	1 / 25	21.69	17.89	0.062	33.01	-15.12
	256-QAM	2535.0	-3.80	1 / 0	18.82	15.02	0.032	33.01	-17.99
15 MHz	QPSK	2507.5	-3.80	1 / 37	23.66	19.86	0.097	33.01	-13.15
		2535.0	-3.80	1 / 37	23.45	19.65	0.092	33.01	-13.36
		2562.5	-3.80	1 / 74	23.70	19.90	0.098	33.01	-13.11
	16-QAM	2535.0	-3.80	1 / 37	22.68	18.88	0.077	33.01	-14.13
	64-QAM	2562.5	-3.80	1 / 0	21.59	17.79	0.060	33.01	-15.22
	256-QAM	2507.5	-3.80	1 / 74	18.79	14.99	0.032	33.01	-18.02
20 MHz	QPSK	2510.0	-3.80	1 / 0	23.53	19.73	0.094	33.01	-13.28
		2535.0	-3.80	1 / 99	23.58	19.78	0.095	33.01	-13.23
		2560.0	-3.80	1 / 50	23.45	19.65	0.092	33.01	-13.36
	16-QAM	2535.0	-3.80	1 / 50	22.65	18.85	0.077	33.01	-14.16
	64-QAM	2510.0	-3.80	1 / 99	21.64	17.84	0.061	33.01	-15.17
	256-QAM	2510.0	-3.80	1 / 50	18.70	14.90	0.031	33.01	-18.11

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 347 of 425

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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	-3.80	1 / 24	28.30	24.50	0.282	33.01	-8.51
		2593.0	-3.80	1 / 24	28.70	24.90	0.309	33.01	-8.11
		2687.5	-3.80	1 / 0	28.64	24.84	0.305	33.01	-8.17
	16-QAM	2687.5	-3.80	1 / 12	27.62	23.82	0.241	33.01	-9.19
	64-QAM	2687.5	-3.80	1 / 12	26.48	22.68	0.185	33.01	-10.33
	256-QAM	2593.0	-3.80	1 / 24	23.74	19.94	0.099	33.01	-13.07
10 MHz	QPSK	2501.0	-3.80	1 / 49	28.38	24.58	0.287	33.01	-8.43
		2593.0	-3.80	1 / 25	28.70	24.90	0.309	33.01	-8.11
		2685.0	-3.80	1 / 25	28.36	24.56	0.286	33.01	-8.45
	16-QAM	2505.0	-3.80	1 / 0	27.72	23.92	0.247	33.01	-9.09
	64-QAM	2685.0	-3.80	1 / 0	26.69	22.89	0.195	33.01	-10.12
	256-QAM	2593.0	-3.80	1 / 0	23.75	19.95	0.099	33.01	-13.06
15 MHz	QPSK	2503.5	-3.80	1 / 74	28.53	24.73	0.297	33.01	-8.28
		2593.0	-3.80	1 / 0	28.67	24.87	0.307	33.01	-8.14
		2682.5	-3.80	1 / 37	28.70	24.90	0.309	33.01	-8.11
	16-QAM	2593.0	-3.80	1 / 0	27.67	23.87	0.244	33.01	-9.14
	64-QAM	2682.5	-3.80	1 / 0	26.68	22.88	0.194	33.01	-10.13
	256-QAM	2593.0	-3.80	1 / 37	23.83	20.03	0.101	33.01	-12.98
20 MHz	QPSK	2506.0	-3.80	1 / 99	28.29	24.49	0.281	33.01	-8.52
		2593.0	-3.80	1 / 0	28.70	24.90	0.309	33.01	-8.11
		2680.0	-3.80	1 / 0	28.68	24.88	0.308	33.01	-8.13
	16-QAM	2680.0	-3.80	1 / 50	27.72	23.92	0.247	33.01	-9.09
	64-QAM	2680.0	-3.80	1 / 50	26.70	22.90	0.195	33.01	-10.11
	256-QAM	2593.0	-3.80	1 / 50	23.79	19.99	0.100	33.01	-13.02

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

FCC ID: BCGA2995	 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	-3.80	1 / 12	25.56	21.76	0.150	33.01	-11.25
		2593.0	-3.80	1 / 0	25.70	21.90	0.155	33.01	-11.11
		2687.5	-3.80	1 / 24	25.65	21.85	0.153	33.01	-11.16
	16-QAM	2593.0	-3.80	1 / 12	24.71	20.91	0.123	33.01	-12.10
	64-QAM	2593.0	-3.80	1 / 24	23.61	19.81	0.096	33.01	-13.20
	256-QAM	2687.5	-3.80	1 / 24	20.82	17.02	0.050	33.01	-15.99
10 MHz	QPSK	2501.0	-3.80	1 / 25	25.63	21.83	0.152	33.01	-11.18
		2593.0	-3.80	1 / 0	25.70	21.90	0.155	33.01	-11.11
		2685.0	-3.80	1 / 0	25.60	21.80	0.151	33.01	-11.21
	16-QAM	2685.0	-3.80	1 / 49	24.71	20.91	0.123	33.01	-12.10
	64-QAM	2593.0	-3.80	1 / 25	23.53	19.73	0.094	33.01	-13.28
	256-QAM	2685.0	-3.80	1 / 25	20.75	16.95	0.050	33.01	-16.06
15 MHz	QPSK	2503.5	-3.80	1 / 74	25.36	21.56	0.143	33.01	-11.45
		2593.0	-3.80	1 / 74	25.51	21.71	0.148	33.01	-11.30
		2682.5	-3.80	1 / 37	25.58	21.78	0.151	33.01	-11.23
	16-QAM	2682.5	-3.80	1 / 37	24.60	20.80	0.120	33.01	-12.21
	64-QAM	2682.5	-3.80	1 / 37	23.51	19.71	0.094	33.01	-13.30
	256-QAM	2682.5	-3.80	1 / 0	20.74	16.94	0.049	33.01	-16.07
20 MHz	QPSK	2506.0	-3.80	1 / 50	25.70	21.90	0.155	33.01	-11.11
		2593.0	-3.80	1 / 0	25.49	21.69	0.148	33.01	-11.32
		2680.0	-3.80	1 / 99	25.69	21.89	0.155	33.01	-11.12
	16-QAM	2593.0	-3.80	1 / 99	24.71	20.91	0.123	33.01	-12.10
	64-QAM	2680.0	-3.80	1 / 99	23.74	19.94	0.099	33.01	-13.07
	256-QAM	2593.0	-3.80	1 / 50	20.72	16.92	0.049	33.01	-16.09

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

FCC ID: BCGA2995	 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	-2.20	25 / 0	23.05	20.85	0.122	23.98	-3.13
		2310.0	-2.20	25 / 0	23.09	20.89	0.123	23.98	-3.09
		2312.5	-2.20	25 / 0	23.17	20.97	0.125	23.98	-3.01
	QPSK	2307.5	-2.20	25 / 0	22.41	20.21	0.105	23.98	-3.77
		2310.0	-2.20	25 / 0	22.43	20.23	0.105	23.98	-3.75
		2312.5	-2.20	25 / 0	22.54	20.34	0.108	23.98	-3.64
	16-QAM	2310.0	-2.20	25 / 0	21.65	19.45	0.088	23.98	-4.53
	64-QAM	2310.0	-2.20	25 / 0	21.14	18.94	0.078	23.98	-5.04
	256-QAM	2312.5	-2.20	25 / 0	19.11	16.91	0.049	23.98	-7.07
10 MHz	$\pi/2$ BPSK	2310.0	-2.20	50 / 0	23.20	21.00	0.126	23.98	-2.98
	QPSK	2310.0	-2.20	50 / 0	22.52	20.32	0.108	23.98	-3.66
	16-QAM	2310.0	-2.20	50 / 0	21.61	19.41	0.087	23.98	-4.57
	64-QAM	2310.0	-2.20	50 / 0	20.97	18.77	0.075	23.98	-5.21
	256-QAM	2310.0	-2.20	50 / 0	19.01	16.81	0.048	23.98	-7.17

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

FCC ID: BCGA2995	 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	-3.80	1 / 1	23.70	19.90	0.098	33.01	-13.11
		2535.0	-3.80	1 / 1	23.52	19.72	0.094	33.01	-13.29
		2567.5	-3.80	1 / 23	23.70	19.90	0.098	33.01	-13.11
	QPSK	2502.5	-3.80	1 / 1	23.48	19.68	0.093	33.01	-13.33
		2535.0	-3.80	1 / 1	23.58	19.78	0.095	33.01	-13.23
		2567.5	-3.80	1 / 12	23.39	19.59	0.091	33.01	-13.42
	16-QAM	2567.5	-3.80	1 / 1	22.76	18.96	0.079	33.01	-14.05
	64-QAM	2535.0	-3.80	1 / 12	21.72	17.92	0.062	33.01	-15.09
256-QAM	2502.5	-3.80	1 / 23	18.86	15.06	0.032	33.01	-17.95	
10 MHz	π/2 BPSK	2505.0	-3.80	1 / 25	23.54	19.74	0.094	33.01	-13.27
		2535.0	-3.80	1 / 50	23.63	19.83	0.096	33.01	-13.18
		2565.0	-3.80	1 / 25	23.35	19.55	0.090	33.01	-13.46
	QPSK	2505.0	-3.80	1 / 50	23.70	19.90	0.098	33.01	-13.11
		2535.0	-3.80	1 / 25	23.44	19.64	0.092	33.01	-13.37
		2565.0	-3.80	1 / 25	23.67	19.87	0.097	33.01	-13.14
	16-QAM	2535.0	-3.80	1 / 50	22.67	18.87	0.077	33.01	-14.14
	64-QAM	2565.0	-3.80	1 / 1	21.70	17.90	0.062	33.01	-15.11
256-QAM	2565.0	-3.80	1 / 50	18.75	14.95	0.031	33.01	-18.06	
15 MHz	π/2 BPSK	2507.5	-3.80	1 / 1	23.31	19.51	0.089	33.01	-13.50
		2535.0	-3.80	1 / 36	23.59	19.79	0.095	33.01	-13.22
		2562.5	-3.80	1 / 1	23.55	19.75	0.094	33.01	-13.26
	QPSK	2507.5	-3.80	1 / 36	23.70	19.90	0.098	33.01	-13.11
		2535.0	-3.80	1 / 1	23.70	19.90	0.098	33.01	-13.11
		2562.5	-3.80	1 / 1	23.61	19.81	0.096	33.01	-13.20
	16-QAM	2562.5	-3.80	1 / 77	22.70	18.90	0.078	33.01	-14.11
	64-QAM	2507.5	-3.80	1 / 77	21.69	17.89	0.062	33.01	-15.12
256-QAM	2535.0	-3.80	1 / 77	18.76	14.96	0.031	33.01	-18.05	
20 MHz	π/2 BPSK	2510.0	-3.80	1 / 1	23.70	19.90	0.098	33.01	-13.11
		2535.0	-3.80	1 / 50	23.53	19.73	0.094	33.01	-13.28
		2560.0	-3.80	1 / 1	23.69	19.89	0.097	33.01	-13.12
	QPSK	2510.0	-3.80	1 / 1	23.46	19.66	0.092	33.01	-13.35
		2535.0	-3.80	1 / 50	23.65	19.85	0.097	33.01	-13.16
		2560.0	-3.80	1 / 104	23.62	19.82	0.096	33.01	-13.19
	16-QAM	2510.0	-3.80	1 / 50	22.46	18.66	0.073	33.01	-14.35
	64-QAM	2560.0	-3.80	1 / 104	21.67	17.87	0.061	33.01	-15.14
256-QAM	2560.0	-3.80	1 / 1	18.71	14.91	0.031	33.01	-18.10	
25 MHz	π/2 BPSK	2512.5	-3.80	1 / 1	23.70	19.90	0.098	33.01	-13.11
		2535.0	-3.80	1 / 1	23.59	19.79	0.095	33.01	-13.22
		2557.5	-3.80	1 / 1	23.38	19.58	0.091	33.01	-13.43
	QPSK	2512.5	-3.80	1 / 131	23.68	19.88	0.097	33.01	-13.13
		2535.0	-3.80	1 / 64	23.68	19.88	0.097	33.01	-13.13
		2557.5	-3.80	1 / 64	23.68	19.88	0.097	33.01	-13.13
	16-QAM	2557.5	-3.80	1 / 131	22.71	18.91	0.078	33.01	-14.10
	64-QAM	2512.5	-3.80	1 / 131	21.65	17.85	0.061	33.01	-15.16
256-QAM	2557.5	-3.80	1 / 131	18.81	15.01	0.032	33.01	-18.00	
30 MHz	π/2 BPSK	2515.0	-3.80	1 / 1	23.54	19.74	0.094	33.01	-13.27
		2535.0	-3.80	1 / 1	23.70	19.90	0.098	33.01	-13.11
		2555.0	-3.80	1 / 80	23.44	19.64	0.092	33.01	-13.37
	QPSK	2515.0	-3.80	1 / 1	23.67	19.87	0.097	33.01	-13.14
		2535.0	-3.80	1 / 1	23.63	19.83	0.096	33.01	-13.18
		2555.0	-3.80	1 / 1	23.70	19.90	0.098	33.01	-13.11
	16-QAM	2515.0	-3.80	1 / 158	22.69	18.89	0.077	33.01	-14.12
	64-QAM	2535.0	-3.80	1 / 1	21.70	17.90	0.062	33.01	-15.11
256-QAM	2535.0	-3.80	1 / 1	18.80	15.00	0.032	33.01	-18.01	
35 MHz	π/2 BPSK	2517.5	-3.80	1 / 186	23.56	19.76	0.095	33.01	-13.25
		2535.0	-3.80	1 / 186	23.70	19.90	0.098	33.01	-13.11
		2552.5	-3.80	1 / 186	23.42	19.62	0.092	33.01	-13.39
	QPSK	2517.5	-3.80	1 / 1	23.55	19.75	0.094	33.01	-13.26
		2535.0	-3.80	1 / 93	23.70	19.90	0.098	33.01	-13.11
		2552.5	-3.80	1 / 93	23.65	19.85	0.097	33.01	-13.16
	16-QAM	2517.5	-3.80	1 / 93	22.49	18.69	0.074	33.01	-14.32
	64-QAM	2535.0	-3.80	1 / 186	21.70	17.90	0.062	33.01	-15.11
256-QAM	2517.5	-3.80	1 / 1	18.71	14.91	0.031	33.01	-18.10	
40 MHz	π/2 BPSK	2520.0	-3.80	1 / 1	23.57	19.77	0.095	33.01	-13.24
		2535.0	-3.80	1 / 214	23.70	19.90	0.098	33.01	-13.11
		2550.0	-3.80	1 / 214	23.45	19.65	0.092	33.01	-13.36
	QPSK	2520.0	-3.80	1 / 214	23.68	19.88	0.097	33.01	-13.13
		2535.0	-3.80	1 / 108	23.59	19.79	0.095	33.01	-13.22
		2550.0	-3.80	1 / 108	23.42	19.62	0.092	33.01	-13.39
	16-QAM	2535.0	-3.80	1 / 1	22.71	18.91	0.078	33.01	-14.10
	64-QAM	2520.0	-3.80	1 / 1	21.71	17.91	0.062	33.01	-15.10
256-QAM	2550.0	-3.80	1 / 108	18.80	15.00	0.032	33.01	-18.01	

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	-3.80	1 / 22	27.94	24.14	0.259	33.01	-8.87
		2593.0	-3.80	1 / 22	28.70	24.90	0.309	33.01	-8.11
		2685.0	-3.80	1 / 22	28.44	24.64	0.291	33.01	-8.37
	QPSK	2501.0	-3.80	1 / 22	28.21	24.41	0.276	33.01	-8.60
		2593.0	-3.80	1 / 12	28.67	24.87	0.307	33.01	-8.14
		2685.0	-3.80	1 / 22	28.20	24.40	0.276	33.01	-8.61
	16-QAM	2593.0	-3.80	1 / 12	27.38	23.58	0.228	33.01	-9.43
	64-QAM	2685.0	-3.80	1 / 22	28.44	22.64	0.184	33.01	-10.37
	256-QAM	2685.0	-3.80	1 / 12	24.42	20.62	0.115	33.01	-12.39
15 MHz	11/2 BPSK	2503.5	-3.80	1 / 36	28.37	24.57	0.287	33.01	-8.44
		2593.0	-3.80	1 / 36	28.66	24.86	0.306	33.01	-8.15
		2682.5	-3.80	1 / 36	28.48	24.68	0.294	33.01	-8.33
	QPSK	2503.5	-3.80	1 / 36	28.31	24.51	0.282	33.01	-8.50
		2593.0	-3.80	1 / 36	28.70	24.90	0.309	33.01	-8.11
		2682.5	-3.80	1 / 36	28.06	24.26	0.267	33.01	-8.75
	16-QAM	2593.0	-3.80	1 / 36	27.68	23.88	0.244	33.01	-9.13
	64-QAM	2593.0	-3.80	1 / 18	26.55	22.75	0.188	33.01	-10.26
	256-QAM	2682.5	-3.80	1 / 36	24.45	20.65	0.116	33.01	-12.36
20 MHz	11/2 BPSK	2506.0	-3.80	1 / 49	28.43	24.63	0.290	33.01	-8.38
		2593.0	-3.80	1 / 25	28.70	24.90	0.309	33.01	-8.11
		2680.0	-3.80	1 / 49	28.52	24.72	0.297	33.01	-8.29
	QPSK	2506.0	-3.80	1 / 25	28.32	24.52	0.283	33.01	-8.49
		2593.0	-3.80	1 / 49	28.62	24.82	0.303	33.01	-8.19
		2680.0	-3.80	1 / 49	28.22	24.42	0.277	33.01	-8.59
	16-QAM	2593.0	-3.80	1 / 49	28.01	24.21	0.264	33.01	-8.80
	64-QAM	2593.0	-3.80	1 / 25	26.31	22.51	0.178	33.01	-10.50
	256-QAM	2680.0	-3.80	1 / 49	24.44	20.64	0.116	33.01	-12.37
30 MHz	11/2 BPSK	2511.0	-3.80	1 / 76	28.44	24.64	0.291	33.01	-8.37
		2593.0	-3.80	1 / 76	28.66	24.86	0.306	33.01	-8.15
		2675.0	-3.80	1 / 76	28.47	24.67	0.293	33.01	-8.34
	QPSK	2511.0	-3.80	1 / 76	28.38	24.58	0.287	33.01	-8.43
		2593.0	-3.80	1 / 36	28.70	24.90	0.309	33.01	-8.11
		2675.0	-3.80	1 / 76	28.26	24.46	0.279	33.01	-8.55
	16-QAM	2593.0	-3.80	1 / 76	27.64	23.84	0.242	33.01	-9.17
	64-QAM	2593.0	-3.80	1 / 76	26.51	22.71	0.187	33.01	-10.30
	256-QAM	2675.0	-3.80	1 / 76	24.49	20.69	0.117	33.01	-12.32
40 MHz	11/2 BPSK	2516.0	-3.80	1 / 104	28.52	24.72	0.296	33.01	-8.29
		2593.0	-3.80	1 / 104	28.54	24.74	0.298	33.01	-8.27
		2670.0	-3.80	1 / 104	28.61	24.81	0.303	33.01	-8.20
	QPSK	2516.0	-3.80	1 / 104	28.23	24.43	0.277	33.01	-8.58
		2593.0	-3.80	1 / 104	28.56	24.76	0.299	33.01	-8.25
		2670.0	-3.80	1 / 60	28.17	24.37	0.273	33.01	-8.64
	16-QAM	2593.0	-3.80	1 / 104	27.56	23.76	0.238	33.01	-9.25
	64-QAM	2670.0	-3.80	1 / 104	26.47	22.67	0.185	33.01	-10.34
	256-QAM	2670.0	-3.80	1 / 104	24.54	20.74	0.119	33.01	-12.27
50 MHz	11/2 BPSK	2521.0	-3.80	1 / 131	28.39	24.59	0.288	33.01	-8.42
		2593.0	-3.80	1 / 131	28.61	24.81	0.302	33.01	-8.21
		2665.0	-3.80	1 / 131	28.70	24.80	0.309	33.01	-8.11
	QPSK	2521.0	-3.80	1 / 131	28.34	24.54	0.284	33.01	-8.47
		2593.0	-3.80	1 / 64	28.66	24.86	0.306	33.01	-8.15
		2665.0	-3.80	1 / 64	28.17	24.37	0.274	33.01	-8.64
	16-QAM	2665.0	-3.80	1 / 64	27.51	23.71	0.235	33.01	-9.30
	64-QAM	2665.0	-3.80	1 / 131	26.59	22.79	0.190	33.01	-10.22
	256-QAM	2665.0	-3.80	1 / 131	24.29	20.49	0.112	33.01	-12.52
60 MHz	11/2 BPSK	2526.0	-3.80	1 / 81	28.33	24.53	0.284	33.01	-8.48
		2593.0	-3.80	1 / 81	28.63	24.83	0.304	33.01	-8.18
		2660.0	-3.80	1 / 160	28.70	24.90	0.309	33.01	-8.11
	QPSK	2526.0	-3.80	1 / 160	28.30	24.50	0.282	33.01	-8.51
		2593.0	-3.80	1 / 160	28.63	24.83	0.304	33.01	-8.18
		2660.0	-3.80	1 / 81	28.44	24.64	0.291	33.01	-8.37
	16-QAM	2593.0	-3.80	1 / 160	27.83	24.03	0.253	33.01	-8.98
	64-QAM	2660.0	-3.80	1 / 81	26.60	22.80	0.191	33.01	-10.21
	256-QAM	2660.0	-3.80	1 / 160	24.39	20.59	0.115	33.01	-12.42
70 MHz	11/2 BPSK	2531.0	-3.80	1 / 90	28.42	24.62	0.290	33.01	-8.39
		2593.0	-3.80	1 / 90	28.43	24.63	0.290	33.01	-8.38
		2655.0	-3.80	1 / 187	28.70	24.90	0.309	33.01	-8.11
	QPSK	2531.0	-3.80	1 / 90	28.58	24.78	0.301	33.01	-8.23
		2593.0	-3.80	1 / 90	28.54	24.74	0.298	33.01	-8.27
		2655.0	-3.80	1 / 90	28.19	24.39	0.274	33.01	-8.63
	16-QAM	2593.0	-3.80	1 / 90	27.56	23.76	0.238	33.01	-9.25
	64-QAM	2655.0	-3.80	1 / 187	26.29	22.49	0.177	33.01	-10.52
	256-QAM	2655.0	-3.80	1 / 90	24.06	20.26	0.106	33.01	-12.75
80 MHz	11/2 BPSK	2536.0	-3.80	1 / 108	28.63	24.83	0.304	33.01	-8.18
		2593.0	-3.80	1 / 108	28.57	24.77	0.300	33.01	-8.24
		2650.0	-3.80	1 / 215	28.63	24.83	0.304	33.01	-8.18
	QPSK	2536.0	-3.80	1 / 215	28.68	24.88	0.308	33.01	-8.13
		2593.0	-3.80	1 / 108	28.56	24.76	0.299	33.01	-8.25
		2650.0	-3.80	1 / 108	28.37	24.57	0.286	33.01	-8.44
	16-QAM	2650.0	-3.80	1 / 108	27.62	23.82	0.241	33.01	-9.19
	64-QAM	2593.0	-3.80	1 / 215	26.49	22.69	0.186	33.01	-10.32
	256-QAM	2650.0	-3.80	1 / 108	24.37	20.57	0.114	33.01	-12.44
90 MHz	11/2 BPSK	2541.0	-3.80	1 / 243	28.64	24.84	0.305	33.01	-8.17
		2593.0	-3.80	1 / 120	28.53	24.73	0.297	33.01	-8.28
		2645.0	-3.80	1 / 243	28.70	24.90	0.309	33.01	-8.11
	QPSK	2541.0	-3.80	1 / 243	28.68	24.88	0.308	33.01	-8.13
		2593.0	-3.80	1 / 243	28.60	24.80	0.302	33.01	-8.21
		2645.0	-3.80	1 / 120	28.53	24.73	0.297	33.01	-8.28
	16-QAM	2645.0	-3.80	1 / 120	27.86	24.06	0.255	33.01	-8.96
	64-QAM	2593.0	-3.80	1 / 120	26.44	22.64	0.184	33.01	-10.37
	256-QAM	2645.0	-3.80	1 / 243	24.29	20.49	0.112	33.01	-12.52
100 MHz	11/2 BPSK	2546.0	-3.80	1 / 271	28.56	24.76	0.299	33.01	-8.25
		2593.0	-3.80	1 / 271	28.47	24.67	0.293	33.01	-8.34
		2640.0	-3.80	1 / 135	28.49	24.69	0.294	33.01	-8.32
	QPSK	2546.0	-3.80	1 / 271	28.70	24.90	0.309	33.01	-8.11
		2593.0	-3.80	1 / 135	28.56	24.76	0.299	33.01	-8.25
		2640.0	-3.80	1 / 135	28.59	24.79	0.301	33.01	-8.22
	16-QAM	2593.0	-3.80	1 / 135	27.45	23.65	0.232	33.01	-9.36
	64-QAM	2593.0	-3.80	1 / 135	26.43	22.63	0.183	33.01	-10.38
	256-QAM	2640.0	-3.80	1 / 271	24.41	20.61	0.115	33.01	-12.40

Table 7-20. Antenna 1b EIRP Data (NR Band n41(PC2))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 352 of 425

NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	2501.0	-3.80	1 / 12	25.55	21.75	0.150	33.01	-11.26
		2593.0	-3.80	1 / 12	25.63	21.83	0.152	33.01	-11.18
		2685.0	-3.80	1 / 22	25.48	21.68	0.147	33.01	-11.33
	QPSK	2501.0	-3.80	1 / 22	25.49	21.69	0.148	33.01	-11.32
		2593.0	-3.80	1 / 12	25.70	21.90	0.155	33.01	-11.11
		2685.0	-3.80	1 / 12	25.45	21.65	0.146	33.01	-11.36
	16-QAM	2593.0	-3.80	1 / 12	24.54	20.74	0.119	33.01	-12.27
	64-QAM	2593.0	-3.80	1 / 12	23.44	19.64	0.092	33.01	-13.37
	256-QAM	2593.0	-3.80	1 / 22	21.24	17.44	0.056	33.01	-15.57
15 MHz	π/2 BPSK	2503.5	-3.80	1 / 36	25.58	21.78	0.151	33.01	-11.23
		2593.0	-3.80	1 / 36	25.66	21.86	0.153	33.01	-11.15
		2682.5	-3.80	1 / 36	25.59	21.79	0.151	33.01	-11.22
	QPSK	2503.5	-3.80	1 / 36	25.60	21.80	0.151	33.01	-11.21
		2593.0	-3.80	1 / 36	25.70	21.90	0.155	33.01	-11.11
		2682.5	-3.80	1 / 18	25.59	21.79	0.151	33.01	-11.22
	16-QAM	2593.0	-3.80	1 / 36	25.04	21.24	0.133	33.01	-11.77
	64-QAM	2682.5	-3.80	1 / 18	23.50	19.70	0.093	33.01	-13.31
	256-QAM	2593.0	-3.80	1 / 36	21.33	17.53	0.057	33.01	-15.48
20 MHz	π/2 BPSK	2506.0	-3.80	1 / 25	25.45	21.65	0.146	33.01	-11.36
		2593.0	-3.80	1 / 49	25.58	21.78	0.151	33.01	-11.23
		2680.0	-3.80	1 / 49	25.57	21.77	0.150	33.01	-11.25
	QPSK	2506.0	-3.80	1 / 49	25.58	21.78	0.151	33.01	-11.23
		2593.0	-3.80	1 / 49	25.70	21.90	0.155	33.01	-11.11
		2680.0	-3.80	1 / 25	25.52	21.72	0.149	33.01	-11.29
	16-QAM	2593.0	-3.80	1 / 25	24.69	20.89	0.123	33.01	-12.12
	64-QAM	2593.0	-3.80	1 / 49	23.45	19.65	0.092	33.01	-13.36
	256-QAM	2593.0	-3.80	1 / 49	21.34	17.54	0.057	33.01	-15.47
30 MHz	π/2 BPSK	2511.0	-3.80	1 / 76	25.62	21.82	0.152	33.01	-11.19
		2593.0	-3.80	1 / 76	25.65	21.85	0.153	33.01	-11.17
		2675.0	-3.80	1 / 36	25.69	21.89	0.155	33.01	-11.12
	QPSK	2511.0	-3.80	1 / 76	25.66	21.86	0.153	33.01	-11.15
		2593.0	-3.80	1 / 76	25.70	21.90	0.155	33.01	-11.11
		2675.0	-3.80	1 / 36	25.70	21.90	0.155	33.01	-11.11
	16-QAM	2593.0	-3.80	1 / 76	24.91	21.11	0.129	33.01	-11.90
	64-QAM	2593.0	-3.80	1 / 76	23.78	19.98	0.100	33.01	-13.03
	256-QAM	2675.0	-3.80	1 / 36	21.30	17.50	0.056	33.01	-15.51
40 MHz	π/2 BPSK	2516.0	-3.80	1 / 104	25.56	21.76	0.150	33.01	-11.25
		2593.0	-3.80	1 / 104	25.60	21.80	0.151	33.01	-11.21
		2670.0	-3.80	1 / 104	25.68	21.88	0.154	33.01	-11.13
	QPSK	2516.0	-3.80	1 / 104	25.70	21.90	0.155	33.01	-11.11
		2593.0	-3.80	1 / 104	25.65	21.85	0.153	33.01	-11.16
		2670.0	-3.80	1 / 50	25.64	21.84	0.153	33.01	-11.17
	16-QAM	2670.0	-3.80	1 / 50	24.74	20.94	0.124	33.01	-12.07
	64-QAM	2670.0	-3.80	1 / 50	23.45	19.65	0.092	33.01	-13.36
	256-QAM	2593.0	-3.80	1 / 104	21.50	17.70	0.059	33.01	-15.31
50 MHz	π/2 BPSK	2521.0	-3.80	1 / 131	25.62	21.82	0.152	33.01	-11.19
		2593.0	-3.80	1 / 131	25.64	21.84	0.153	33.01	-11.17
		2665.0	-3.80	1 / 64	25.50	21.70	0.148	33.01	-11.31
	QPSK	2521.0	-3.80	1 / 131	25.64	21.84	0.153	33.01	-11.18
		2593.0	-3.80	1 / 131	25.70	21.90	0.155	33.01	-11.11
		2665.0	-3.80	1 / 64	25.59	21.79	0.151	33.01	-11.22
	16-QAM	2593.0	-3.80	1 / 131	24.71	20.91	0.123	33.01	-12.10
	64-QAM	2593.0	-3.80	1 / 131	23.56	19.76	0.095	33.01	-13.25
	256-QAM	2593.0	-3.80	1 / 131	21.22	17.42	0.055	33.01	-15.59
60 MHz	π/2 BPSK	2526.0	-3.80	1 / 160	25.45	21.65	0.146	33.01	-11.36
		2593.0	-3.80	1 / 160	25.61	21.81	0.152	33.01	-11.20
		2660.0	-3.80	1 / 160	25.43	21.63	0.146	33.01	-11.38
	QPSK	2526.0	-3.80	1 / 160	25.48	21.68	0.147	33.01	-11.33
		2593.0	-3.80	1 / 160	25.70	21.90	0.155	33.01	-11.11
		2660.0	-3.80	1 / 81	25.50	21.70	0.148	33.01	-11.31
	16-QAM	2593.0	-3.80	1 / 160	24.75	20.95	0.125	33.01	-12.06
	64-QAM	2593.0	-3.80	1 / 81	23.38	19.58	0.091	33.01	-13.43
	256-QAM	2593.0	-3.80	1 / 81	21.08	17.28	0.054	33.01	-15.73
70 MHz	π/2 BPSK	2531.0	-3.80	1 / 187	25.51	21.71	0.148	33.01	-11.30
		2593.0	-3.80	1 / 187	25.60	21.80	0.151	33.01	-11.21
		2655.0	-3.80	1 / 90	25.61	21.81	0.152	33.01	-11.20
	QPSK	2531.0	-3.80	1 / 90	25.60	21.80	0.151	33.01	-11.21
		2593.0	-3.80	1 / 187	25.59	21.79	0.151	33.01	-11.22
		2655.0	-3.80	1 / 90	25.41	21.61	0.145	33.01	-11.40
	16-QAM	2655.0	-3.80	1 / 90	24.61	20.81	0.121	33.01	-12.20
	64-QAM	2655.0	-3.80	1 / 90	23.40	19.60	0.091	33.01	-13.41
	256-QAM	2593.0	-3.80	1 / 187	21.30	17.50	0.056	33.01	-15.51
80 MHz	π/2 BPSK	2536.0	-3.80	1 / 108	25.59	21.79	0.151	33.01	-11.22
		2593.0	-3.80	1 / 215	25.70	21.90	0.155	33.01	-11.11
		2650.0	-3.80	1 / 108	25.52	21.72	0.149	33.01	-11.29
	QPSK	2536.0	-3.80	1 / 215	25.66	21.86	0.153	33.01	-11.15
		2593.0	-3.80	1 / 215	25.53	21.73	0.149	33.01	-11.28
		2650.0	-3.80	1 / 108	25.39	21.59	0.144	33.01	-11.42
	16-QAM	2650.0	-3.80	1 / 108	24.60	20.80	0.120	33.01	-12.21
	64-QAM	2593.0	-3.80	1 / 108	23.46	19.66	0.092	33.01	-13.35
	256-QAM	2593.0	-3.80	1 / 215	21.10	17.30	0.054	33.01	-15.71
90 MHz	π/2 BPSK	2541.0	-3.80	1 / 120	25.34	21.54	0.143	33.01	-11.47
		2593.0	-3.80	1 / 120	25.51	21.71	0.148	33.01	-11.30
		2645.0	-3.80	1 / 243	25.51	21.71	0.148	33.01	-11.30
	QPSK	2541.0	-3.80	1 / 243	25.51	21.71	0.148	33.01	-11.30
		2593.0	-3.80	1 / 243	25.47	21.67	0.147	33.01	-11.34
		2645.0	-3.80	1 / 120	25.46	21.66	0.147	33.01	-11.35
	16-QAM	2593.0	-3.80	1 / 243	24.59	20.79	0.120	33.01	-12.22
	64-QAM	2593.0	-3.80	1 / 120	23.20	19.40	0.087	33.01	-13.61
	256-QAM	2593.0	-3.80	1 / 243	21.02	17.22	0.053	33.01	-15.79
100 MHz	π/2 BPSK	2546.0	-3.80	1 / 271	25.50	21.70	0.148	33.01	-11.31
		2593.0	-3.80	1 / 135	25.67	21.87	0.154	33.01	-11.14
		2640.0	-3.80	1 / 135	25.70	21.90	0.155	33.01	-11.11
	QPSK	2546.0	-3.80	1 / 271	25.35	21.55	0.143	33.01	-11.46
		2593.0	-3.80	1 / 271	25.55	21.75	0.150	33.01	-11.26
		2640.0	-3.80	1 / 135	25.38	21.58	0.144	33.01	-11.43
	16-QAM	2640.0	-3.80	1 / 135	24.53	20.73	0.118	33.01	-12.28
	64-QAM	2640.0	-3.80	1 / 135	23.41	19.61	0.091	33.01	-13.40
	256-QAM	2640.0	-3.80	1 / 135	21.12	17.32	0.054	33.01	-15.69

Table 7-21. Antenna 1b EIRP Data (NR Band n41(PC3))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	23.70	-3.80	19.90	0.098	33.01	-13.11
				21100	2535.0	1	99		21298	2554.8	1	0	23.69	-3.80	19.89	0.097	33.01	-13.12
				21350	2560.0	1	0		21152	2540.2	1	99	23.69	-3.80	19.89	0.097	33.01	-13.12
			QPSK	20850	2510	100	0	QPSK	21048	2529.8	100	0	22.96	-3.80	19.16	0.082	33.01	-13.85
			16-QAM	20850	2510	100	0	16-QAM	21048	2529.8	100	0	21.98	-3.80	18.18	0.066	33.01	-14.83
			64-QAM	20850	2510	100	0	64-QAM	21048	2529.8	100	0	20.97	-3.80	17.17	0.052	33.01	-15.84
			256-QAM	20850	2510	100	0	256-QAM	21048	2529.8	100	0	18.94	-3.80	15.14	0.033	33.01	-17.87

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

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC					ULCA Tx. Power (dBm)	Ant. Gain (dBi)	EIRP (dBm)	EIRP (Watts)	EIRP Limit (dBm)	Margin (dB)	
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB							UL RB Offset
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	28.62	-3.80	24.82	0.303	33.01	-8.19
				40620	2593.0	1	99		40818	2612.8	1	0	28.52	-3.80	24.72	0.296	33.01	-8.29
				41490	2680.0	1	0		41292	2660.2	1	99	28.31	-3.80	24.51	0.282	33.01	-8.50
			QPSK	39750	2506	100	0	QPSK	39948	2525.8	100	0	21.94	-3.80	18.14	0.065	33.01	-14.87
			16-QAM	39750	2506	100	0	16-QAM	39948	2525.8	100	0	21.03	-3.80	17.23	0.053	33.01	-15.78
			64-QAM	39750	2506	100	0	64-QAM	39948	2525.8	100	0	20.69	-3.80	16.89	0.049	33.01	-16.12
			256-QAM	39750	2506	100	0	256-QAM	39948	2525.8	100	0	18.61	-3.80	14.81	0.030	33.01	-18.20

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

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	25.7	-3.80	21.90	0.155	33.01	-11.11
				40620	2593.0	1	99		40818	2612.8	1	0	25.42	-3.80	21.62	0.145	33.01	-11.39
				41490	2680.0	1	0		41292	2660.2	1	99	25.45	-3.80	21.65	0.146	33.01	-11.36
			QPSK	39750	2506	100	0	QPSK	39948	2525.8	100	0	22.48	-3.80	18.68	0.074	33.01	-14.33
			16-QAM	39750	2506	100	0	16-QAM	39948	2525.8	100	0	21.29	-3.80	17.49	0.056	33.01	-15.52
			64-QAM	39750	2506	100	0	64-QAM	39948	2525.8	100	0	21.26	-3.80	17.46	0.056	33.01	-15.55
			256-QAM	39750	2506	100	0	256-QAM	39948	2525.8	100	0	20.5	-3.80	16.70	0.047	33.01	-16.31

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

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7.6.3 Antenna 4 - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	1.10	1 / 0	22.22	23.32	0.215	23.98	-0.66
		2310.0	1.10	1 / 12	22.27	23.37	0.217	23.98	-0.61
		2312.5	1.10	1 / 12	22.39	23.49	0.223	23.98	-0.49
	16-QAM	2310.0	1.10	1 / 0	22.28	23.38	0.218	23.98	-0.60
	64-QAM	2307.5	1.10	1 / 0	22.05	23.15	0.207	23.98	-0.83
	256-QAM	2312.5	1.10	1 / 0	19.60	20.70	0.117	23.98	-3.28
10 MHz	QPSK	2310.0	1.10	1 / 25	22.32	23.42	0.220	23.98	-0.56
	16-QAM	2310.0	1.10	1 / 25	22.29	23.39	0.218	23.98	-0.59
	64-QAM	2310.0	1.10	1 / 25	22.04	23.14	0.206	23.98	-0.84
	256-QAM	2310.0	1.10	1 / 25	19.60	20.70	0.117	23.98	-3.28

Table 7-25. Antenna 4 EIRP Data (LTE Band 30)

FCC ID: BCGA2995	 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	0.00	1 / 0	24.69	24.69	0.294	33.01	-8.32
		2535.0	0.00	1 / 12	24.50	24.50	0.282	33.01	-8.51
		2567.5	0.00	1 / 24	24.70	24.70	0.295	33.01	-8.31
	16-QAM	2567.5	0.00	1 / 0	23.68	23.68	0.233	33.01	-9.33
	64-QAM	2535.0	0.00	1 / 0	22.70	22.70	0.186	33.01	-10.31
	256-QAM	2502.5	0.00	1 / 0	19.77	19.77	0.095	33.01	-13.24
10 MHz	QPSK	2505.0	0.00	1 / 49	24.69	24.69	0.294	33.01	-8.32
		2535.0	0.00	1 / 0	24.65	24.65	0.292	33.01	-8.36
		2565.0	0.00	1 / 25	24.70	24.70	0.295	33.01	-8.31
	16-QAM	2505.0	0.00	1 / 49	23.64	23.64	0.231	33.01	-9.37
	64-QAM	2505.0	0.00	1 / 25	22.68	22.68	0.185	33.01	-10.33
	256-QAM	2535.0	0.00	1 / 49	19.55	19.55	0.090	33.01	-13.46
15 MHz	QPSK	2507.5	0.00	1 / 0	24.51	24.51	0.282	33.01	-8.50
		2535.0	0.00	1 / 37	24.70	24.70	0.295	33.01	-8.31
		2562.5	0.00	1 / 0	24.70	24.70	0.295	33.01	-8.31
	16-QAM	2507.5	0.00	1 / 37	23.68	23.68	0.233	33.01	-9.33
	64-QAM	2535.0	0.00	1 / 0	22.70	22.70	0.186	33.01	-10.31
	256-QAM	2507.5	0.00	1 / 74	19.75	19.75	0.094	33.01	-13.26
20 MHz	QPSK	2510.0	0.00	1 / 99	24.63	24.63	0.290	33.01	-8.38
		2535.0	0.00	1 / 0	24.65	24.65	0.292	33.01	-8.36
		2560.0	0.00	1 / 99	24.67	24.67	0.293	33.01	-8.34
	16-QAM	2535.0	0.00	1 / 99	23.75	23.75	0.237	33.01	-9.26
	64-QAM	2535.0	0.00	1 / 0	22.72	22.72	0.187	33.01	-10.29
	256-QAM	2510.0	0.00	1 / 99	19.69	19.69	0.093	33.01	-13.32

Table 7-26. Antenna 4 EIRP Data (LTE Band 7)

FCC ID: BCGA2995	 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	-0.20	1 / 24	26.51	26.31	0.428	33.01	-6.70
		2593.0	-0.20	1 / 12	26.45	26.25	0.422	33.01	-6.76
		2687.5	-0.20	1 / 24	26.62	26.42	0.439	33.01	-6.59
	16-QAM	2593.0	-0.20	1 / 24	25.64	25.44	0.350	33.01	-7.57
	64-QAM	2687.5	-0.20	1 / 24	24.66	24.46	0.279	33.01	-8.55
	256-QAM	2593.0	-0.20	1 / 24	21.75	21.55	0.143	33.01	-11.46
10 MHz	QPSK	2501.0	-0.20	1 / 49	26.47	26.27	0.424	33.01	-6.74
		2593.0	-0.20	1 / 49	26.69	26.49	0.446	33.01	-6.52
		2685.0	-0.20	1 / 25	26.70	26.50	0.447	33.01	-6.51
	16-QAM	2593.0	-0.20	1 / 49	25.63	25.43	0.349	33.01	-7.58
	64-QAM	2685.0	-0.20	1 / 0	24.50	24.30	0.269	33.01	-8.71
	256-QAM	2685.0	-0.20	1 / 0	21.82	21.62	0.145	33.01	-11.39
15 MHz	QPSK	2503.5	-0.20	1 / 74	26.51	26.31	0.428	33.01	-6.70
		2593.0	-0.20	1 / 74	26.69	26.49	0.446	33.01	-6.52
		2682.5	-0.20	1 / 0	26.45	26.25	0.422	33.01	-6.76
	16-QAM	2593.0	-0.20	1 / 74	25.68	25.48	0.353	33.01	-7.53
	64-QAM	2593.0	-0.20	1 / 0	24.68	24.48	0.281	33.01	-8.53
	256-QAM	2682.5	-0.20	1 / 74	21.75	21.55	0.143	33.01	-11.46
20 MHz	QPSK	2506.0	-0.20	1 / 99	26.35	26.15	0.412	33.01	-6.86
		2593.0	-0.20	1 / 99	26.67	26.47	0.444	33.01	-6.54
		2680.0	-0.20	1 / 50	26.65	26.45	0.442	33.01	-6.56
	16-QAM	2593.0	-0.20	1 / 0	25.73	25.53	0.357	33.01	-7.48
	64-QAM	2680.0	-0.20	1 / 99	24.70	24.50	0.282	33.01	-8.51
	256-QAM	2680.0	-0.20	1 / 99	21.59	21.39	0.138	33.01	-11.62

Table 7-27. Antenna 4 EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-0.20	1 / 24	25.39	25.19	0.330	33.01	-7.82
		2593.0	-0.20	1 / 0	25.61	25.41	0.348	33.01	-7.60
		2687.5	-0.20	1 / 0	25.67	25.47	0.352	33.01	-7.54
	16-QAM	2687.5	-0.20	1 / 0	24.73	24.53	0.284	33.01	-8.48
	64-QAM	2593.0	-0.20	1 / 0	23.69	23.49	0.223	33.01	-9.52
	256-QAM	2687.5	-0.20	1 / 24	20.74	20.54	0.113	33.01	-12.47
10 MHz	QPSK	2501.0	-0.20	1 / 25	25.55	25.35	0.343	33.01	-7.66
		2593.0	-0.20	1 / 0	25.70	25.50	0.355	33.01	-7.51
		2685.0	-0.20	1 / 25	25.63	25.43	0.349	33.01	-7.58
	16-QAM	2593.0	-0.20	1 / 0	24.74	24.54	0.284	33.01	-8.47
	64-QAM	2593.0	-0.20	1 / 25	23.70	23.50	0.224	33.01	-9.51
	256-QAM	2593.0	-0.20	1 / 25	20.81	20.61	0.115	33.01	-12.40
15 MHz	QPSK	2503.5	-0.20	1 / 74	25.46	25.26	0.336	33.01	-7.75
		2593.0	-0.20	1 / 37	25.45	25.25	0.335	33.01	-7.76
		2682.5	-0.20	1 / 37	25.64	25.44	0.350	33.01	-7.57
	16-QAM	2593.0	-0.20	1 / 37	24.55	24.35	0.272	33.01	-8.66
	64-QAM	2593.0	-0.20	1 / 0	23.60	23.40	0.219	33.01	-9.61
	256-QAM	2682.5	-0.20	1 / 37	20.76	20.56	0.114	33.01	-12.45
20 MHz	QPSK	2506.0	-0.20	1 / 99	25.37	25.17	0.329	33.01	-7.84
		2593.0	-0.20	1 / 99	25.53	25.33	0.341	33.01	-7.68
		2680.0	-0.20	1 / 50	25.57	25.37	0.344	33.01	-7.64
	16-QAM	2593.0	-0.20	1 / 50	24.60	24.40	0.275	33.01	-8.61
	64-QAM	2593.0	-0.20	1 / 0	23.54	23.34	0.216	33.01	-9.67
	256-QAM	2593.0	-0.20	1 / 50	20.72	20.52	0.113	33.01	-12.49

Table 7-28. Antenna 4 EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA2995	 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	1.10	25 / 0	22.34	23.44	0.221	23.98	-0.54
		2310.0	1.10	25 / 0	22.37	23.47	0.222	23.98	-0.51
		2312.5	1.10	25 / 0	22.35	23.45	0.221	23.98	-0.53
	QPSK	2307.5	1.10	25 / 0	22.19	23.29	0.213	23.98	-0.69
		2310.0	1.10	25 / 0	22.38	23.48	0.223	23.98	-0.50
		2312.5	1.10	25 / 0	22.16	23.26	0.212	23.98	-0.72
	16-QAM	2312.5	1.10	25 / 0	22.26	23.36	0.217	23.98	-0.62
	64-QAM	2312.5	1.10	25 / 0	22.17	23.27	0.212	23.98	-0.71
	256-QAM	2310.0	1.10	25 / 0	20.09	21.19	0.132	23.98	-2.79
10 MHz	$\pi/2$ BPSK	2310.0	1.10	50 / 0	22.25	23.35	0.216	23.98	-0.63
	QPSK	2310.0	1.10	50 / 0	22.21	23.31	0.214	23.98	-0.67
	16-QAM	2310.0	1.10	50 / 0	22.24	23.34	0.216	23.98	-0.64
	64-QAM	2310.0	1.10	50 / 0	21.91	23.01	0.200	23.98	-0.97
	256-QAM	2310.0	1.10	50 / 0	19.94	21.04	0.127	23.98	-2.94

Table 7-29. Antenna 4 EIRP Data (NR Band n30)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	0.00	1 / 12	24.47	24.47	0.280	33.01	-8.54
		2535.0	0.00	1 / 12	24.48	24.48	0.281	33.01	-8.53
		2567.5	0.00	1 / 23	24.67	24.67	0.293	33.01	-8.34
	QPSK	2502.5	0.00	1 / 23	24.70	24.70	0.295	33.01	-8.31
		2535.0	0.00	1 / 12	24.70	24.70	0.295	33.01	-8.31
		2567.5	0.00	1 / 12	24.61	24.61	0.289	33.01	-8.40
	16-QAM	2567.5	0.00	1 / 12	23.67	23.67	0.233	33.01	-9.34
	64-QAM	2535.0	0.00	1 / 12	22.71	22.71	0.187	33.01	-10.30
10 MHz	π/2 BPSK	2505.0	0.00	1 / 25	24.57	24.57	0.286	33.01	-8.44
		2535.0	0.00	1 / 25	24.35	24.35	0.272	33.01	-8.66
		2565.0	0.00	1 / 50	24.61	24.61	0.289	33.01	-8.40
	QPSK	2505.0	0.00	1 / 1	24.60	24.60	0.288	33.01	-8.41
		2535.0	0.00	1 / 25	24.70	24.70	0.295	33.01	-8.31
		2565.0	0.00	1 / 1	24.67	24.67	0.293	33.01	-8.34
	16-QAM	2565.0	0.00	1 / 1	23.69	23.69	0.234	33.01	-9.32
	64-QAM	2535.0	0.00	1 / 50	22.62	22.62	0.183	33.01	-10.39
15 MHz	π/2 BPSK	2505.0	0.00	1 / 25	19.81	19.81	0.096	33.01	-13.20
		2507.5	0.00	1 / 36	24.68	24.68	0.294	33.01	-8.33
		2535.0	0.00	1 / 1	24.70	24.70	0.295	33.01	-8.31
	QPSK	2562.5	0.00	1 / 1	24.40	24.40	0.275	33.01	-8.61
		2507.5	0.00	1 / 77	24.69	24.69	0.294	33.01	-8.32
		2535.0	0.00	1 / 77	24.66	24.66	0.292	33.01	-8.35
	16-QAM	2562.5	0.00	1 / 36	24.59	24.59	0.288	33.01	-8.42
		2507.5	0.00	1 / 77	23.69	23.69	0.234	33.01	-9.32
20 MHz	π/2 BPSK	2562.5	0.00	1 / 36	22.68	22.68	0.185	33.01	-10.33
		2535.0	0.00	1 / 77	19.81	19.81	0.096	33.01	-13.20
		2507.5	0.00	1 / 36	24.68	24.68	0.294	33.01	-8.33
	QPSK	2562.5	0.00	1 / 104	24.65	24.65	0.292	33.01	-8.36
		2535.0	0.00	1 / 50	24.66	24.66	0.292	33.01	-8.35
		2560.0	0.00	1 / 50	24.52	24.52	0.283	33.01	-8.49
	16-QAM	2535.0	0.00	1 / 50	23.63	23.63	0.231	33.01	-9.38
	64-QAM	2560.0	0.00	1 / 104	22.69	22.69	0.186	33.01	-10.32
25 MHz	π/2 BPSK	2510.0	0.00	1 / 1	19.73	19.73	0.094	33.01	-13.28
		2512.5	0.00	1 / 64	24.30	24.30	0.269	33.01	-8.71
		2535.0	0.00	1 / 131	24.46	24.46	0.279	33.01	-8.55
	QPSK	2557.5	0.00	1 / 131	24.70	24.70	0.295	33.01	-8.31
		2512.5	0.00	1 / 1	24.55	24.55	0.285	33.01	-8.46
		2535.0	0.00	1 / 1	24.66	24.66	0.292	33.01	-8.35
	16-QAM	2557.5	0.00	1 / 1	24.41	24.41	0.276	33.01	-8.60
		2512.5	0.00	1 / 64	23.71	23.71	0.235	33.01	-9.30
30 MHz	π/2 BPSK	2512.5	0.00	1 / 1	22.72	22.72	0.187	33.01	-10.29
		2557.5	0.00	1 / 131	19.71	19.71	0.094	33.01	-13.30
		2515.0	0.00	1 / 80	24.57	24.57	0.286	33.01	-8.44
	QPSK	2535.0	0.00	1 / 158	24.47	24.47	0.280	33.01	-8.54
		2555.0	0.00	1 / 1	24.47	24.47	0.280	33.01	-8.54
		2515.0	0.00	1 / 1	24.64	24.64	0.291	33.01	-8.37
	16-QAM	2535.0	0.00	1 / 80	24.70	24.70	0.295	33.01	-8.31
	64-QAM	2555.0	0.00	1 / 1	24.60	24.60	0.288	33.01	-8.41
35 MHz	π/2 BPSK	2515.0	0.00	1 / 1	23.70	23.70	0.234	33.01	-9.31
		2535.0	0.00	1 / 80	22.58	22.58	0.181	33.01	-10.43
		2515.0	0.00	1 / 1	19.84	19.84	0.096	33.01	-13.17
	QPSK	2517.5	0.00	1 / 1	24.47	24.47	0.280	33.01	-8.54
		2535.0	0.00	1 / 1	24.62	24.62	0.290	33.01	-8.39
		2552.5	0.00	1 / 186	24.50	24.50	0.282	33.01	-8.51
	16-QAM	2517.5	0.00	1 / 1	24.59	24.59	0.288	33.01	-8.42
		2535.0	0.00	1 / 93	24.70	24.70	0.295	33.01	-8.31
40 MHz	π/2 BPSK	2552.5	0.00	1 / 93	24.61	24.61	0.289	33.01	-8.40
		2552.5	0.00	1 / 93	23.69	23.69	0.234	33.01	-9.32
		2517.5	0.00	1 / 186	22.71	22.71	0.187	33.01	-10.30
	QPSK	2517.5	0.00	1 / 1	19.79	19.79	0.095	33.01	-13.22
		2520.0	0.00	1 / 108	24.70	24.70	0.295	33.01	-8.31
		2535.0	0.00	1 / 1	24.68	24.68	0.294	33.01	-8.33
	16-QAM	2550.0	0.00	1 / 108	24.66	24.66	0.292	33.01	-8.35
		2520.0	0.00	1 / 108	24.69	24.69	0.294	33.01	-8.32
40 MHz	π/2 BPSK	2535.0	0.00	1 / 1	24.60	24.60	0.288	33.01	-8.41
		2550.0	0.00	1 / 1	24.47	24.47	0.280	33.01	-8.54
		2535.0	0.00	1 / 108	23.69	23.69	0.234	33.01	-9.32
	QPSK	2520.0	0.00	1 / 108	22.71	22.71	0.187	33.01	-10.30
		2550.0	0.00	1 / 1	19.81	19.81	0.096	33.01	-13.20
		2520.0	0.00	1 / 108	24.69	24.69	0.294	33.01	-8.32
	16-QAM	2550.0	0.00	1 / 108	24.66	24.66	0.292	33.01	-8.35
		2520.0	0.00	1 / 108	24.69	24.69	0.294	33.01	-8.32

Table 7-30. Antenna 4 EIRP Data (NR Band n7)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 360 of 425

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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	π/2 BPSK	2501.0	-0.20	1 / 22	26.65	26.45	0.442	33.01	-6.56		
		2593.0	-0.20	1 / 22	26.60	26.40	0.437	33.01	-6.61		
		2685.0	-0.20	1 / 22	26.70	26.50	0.447	33.01	-6.51		
		2501.0	-0.20	1 / 12	26.32	26.12	0.409	33.01	-6.89		
		2593.0	-0.20	1 / 12	26.62	26.42	0.439	33.01	-6.59		
	16-QAM	2685.0	-0.20	1 / 22	26.61	26.41	0.437	33.01	-6.60		
		64-QAM	2685.0	-0.20	1 / 22	25.96	25.76	0.377	33.01	-7.25	
		256-QAM	2685.0	-0.20	1 / 22	24.50	24.30	0.269	33.01	-8.72	
		256-QAM	2685.0	-0.20	1 / 12	22.17	21.97	0.157	33.01	-11.04	
		2503.5	-0.20	1 / 36	26.62	26.42	0.439	33.01	-6.59		
15 MHz	π/2 BPSK	2593.0	-0.20	1 / 36	26.60	26.40	0.437	33.01	-6.61		
		2682.5	-0.20	1 / 36	26.67	26.47	0.443	33.01	-6.54		
		2593.5	-0.20	1 / 36	26.44	26.24	0.421	33.01	-6.77		
		2593.0	-0.20	1 / 36	26.62	26.42	0.438	33.01	-6.59		
		2682.5	-0.20	1 / 36	26.70	26.50	0.447	33.01	-6.51		
	16-QAM	2682.5	-0.20	1 / 36	25.78	25.58	0.361	33.01	-7.43		
		64-QAM	2593.0	-0.20	1 / 36	24.69	24.49	0.281	33.01	-8.52	
		256-QAM	2682.5	-0.20	1 / 18	22.15	21.95	0.157	33.01	-11.06	
		20 MHz	π/2 BPSK	2506.0	-0.20	1 / 49	26.61	26.41	0.438	33.01	-6.60
				2593.0	-0.20	1 / 49	26.69	26.49	0.446	33.01	-6.52
2680.0	-0.20			1 / 49	26.69	26.49	0.446	33.01	-6.52		
2506.0	-0.20			1 / 25	26.35	26.15	0.412	33.01	-6.86		
2593.0	-0.20			1 / 49	26.70	26.50	0.447	33.01	-6.51		
16-QAM	2680.0		-0.20	1 / 49	26.70	26.50	0.447	33.01	-6.51		
	256-QAM		2680.0	-0.20	1 / 49	25.80	25.60	0.363	33.01	-7.41	
	256-QAM		2593.0	-0.20	1 / 49	24.51	24.31	0.270	33.01	-8.70	
	256-QAM		2680.0	-0.20	1 / 49	22.38	22.18	0.165	33.01	-10.83	
	2511.0		-0.20	1 / 76	26.62	26.42	0.439	33.01	-6.59		
30 MHz	π/2 BPSK	2593.0	-0.20	1 / 76	26.69	26.49	0.446	33.01	-6.52		
		2675.0	-0.20	1 / 76	26.70	26.50	0.446	33.01	-6.51		
		2511.0	-0.20	1 / 76	25.66	25.46	0.352	33.01	-7.55		
		2593.0	-0.20	1 / 76	26.70	26.50	0.447	33.01	-6.51		
		2675.0	-0.20	1 / 76	26.70	26.50	0.447	33.01	-6.51		
	16-QAM	2675.0	-0.20	1 / 76	26.11	25.91	0.390	33.01	-7.10		
		64-QAM	2593.0	-0.20	1 / 76	24.35	24.15	0.260	33.01	-8.86	
		256-QAM	2593.0	-0.20	1 / 36	22.28	22.08	0.161	33.01	-10.93	
		2516.0	-0.20	1 / 104	26.69	26.49	0.446	33.01	-6.52		
		2593.0	-0.20	1 / 104	26.57	26.37	0.434	33.01	-6.64		
40 MHz	π/2 BPSK	2670.0	-0.20	1 / 104	26.68	26.48	0.444	33.01	-6.53		
		2516.0	-0.20	1 / 104	26.49	26.29	0.426	33.01	-6.72		
		2593.0	-0.20	1 / 104	26.68	26.48	0.445	33.01	-6.53		
		2670.0	-0.20	1 / 104	26.70	26.50	0.447	33.01	-6.51		
		16-QAM	2670.0	-0.20	1 / 104	25.56	25.36	0.343	33.01	-7.65	
	64-QAM	2670.0	-0.20	1 / 104	24.35	24.15	0.260	33.01	-8.86		
		256-QAM	2670.0	-0.20	1 / 104	22.33	22.13	0.163	33.01	-10.88	
		2521.0	-0.20	1 / 64	26.65	26.45	0.442	33.01	-6.56		
		2593.0	-0.20	1 / 131	26.57	26.37	0.434	33.01	-6.64		
		2665.0	-0.20	1 / 131	26.62	26.42	0.438	33.01	-6.59		
50 MHz	QPSK	2521.0	-0.20	1 / 64	26.35	26.15	0.412	33.01	-6.86		
		2593.0	-0.20	1 / 64	26.55	26.35	0.431	33.01	-6.66		
		2665.0	-0.20	1 / 131	26.70	26.50	0.447	33.01	-6.51		
		16-QAM	2593.0	-0.20	1 / 131	25.67	25.47	0.353	33.01	-7.54	
		64-QAM	2593.0	-0.20	1 / 64	24.54	24.34	0.272	33.01	-8.67	
	256-QAM	2665.0	-0.20	1 / 131	22.18	21.98	0.158	33.01	-11.03		
	π/2 BPSK	2526.0	-0.20	1 / 160	26.52	26.32	0.429	33.01	-6.69		
		2593.0	-0.20	1 / 81	26.56	26.36	0.433	33.01	-6.65		
		2660.0	-0.20	1 / 160	26.69	26.49	0.446	33.01	-6.52		
		2526.0	-0.20	1 / 81	26.42	26.22	0.419	33.01	-6.79		
2593.0		-0.20	1 / 81	26.56	26.36	0.433	33.01	-6.65			
60 MHz	QPSK	2660.0	-0.20	1 / 160	26.70	26.50	0.447	33.01	-6.51		
		16-QAM	2593.0	-0.20	1 / 81	25.54	25.34	0.342	33.01	-7.67	
		64-QAM	2593.0	-0.20	1 / 81	24.46	24.26	0.267	33.01	-8.75	
		256-QAM	2593.0	-0.20	1 / 160	22.28	22.08	0.162	33.01	-10.93	
		2531.0	-0.20	1 / 90	26.66	26.46	0.443	33.01	-6.55		
	π/2 BPSK	2593.0	-0.20	1 / 90	26.53	26.33	0.429	33.01	-6.68		
		2655.0	-0.20	1 / 187	26.47	26.27	0.424	33.01	-6.74		
		2531.0	-0.20	1 / 90	26.59	26.39	0.435	33.01	-6.62		
		2593.0	-0.20	1 / 90	26.56	26.36	0.433	33.01	-6.65		
		2655.0	-0.20	1 / 187	26.62	26.42	0.438	33.01	-6.59		
70 MHz	16-QAM	2655.0	-0.20	1 / 187	25.73	25.53	0.358	33.01	-7.48		
		64-QAM	2593.0	-0.20	1 / 90	24.53	24.33	0.271	33.01	-8.68	
		256-QAM	2655.0	-0.20	1 / 90	22.12	21.92	0.156	33.01	-11.09	
		2536.0	-0.20	1 / 108	26.65	26.45	0.442	33.01	-6.56		
		2593.0	-0.20	1 / 108	26.51	26.31	0.428	33.01	-6.70		
	QPSK	2650.0	-0.20	1 / 215	26.49	26.29	0.426	33.01	-6.72		
		2536.0	-0.20	1 / 108	26.59	26.39	0.435	33.01	-6.62		
		2593.0	-0.20	1 / 108	26.51	26.31	0.427	33.01	-6.70		
		2650.0	-0.20	1 / 215	26.48	26.28	0.425	33.01	-6.73		
		16-QAM	2593.0	-0.20	1 / 108	25.46	25.26	0.338	33.01	-7.75	
80 MHz	64-QAM	2593.0	-0.20	1 / 108	24.35	24.15	0.260	33.01	-8.86		
		256-QAM	2650.0	-0.20	1 / 108	22.04	21.84	0.153	33.01	-11.17	
		2541.0	-0.20	1 / 243	26.70	26.50	0.447	33.01	-6.51		
		2593.0	-0.20	1 / 243	26.62	26.42	0.438	33.01	-6.59		
		2645.0	-0.20	1 / 243	26.65	26.45	0.442	33.01	-6.56		
	QPSK	2541.0	-0.20	1 / 243	26.68	26.48	0.444	33.01	-6.53		
		2593.0	-0.20	1 / 120	26.61	26.41	0.438	33.01	-6.60		
		2645.0	-0.20	1 / 243	26.67	26.47	0.444	33.01	-6.54		
		16-QAM	2593.0	-0.20	1 / 120	25.63	25.43	0.349	33.01	-7.58	
		64-QAM	2593.0	-0.20	1 / 120	24.56	24.36	0.273	33.01	-8.65	
90 MHz	16-QAM	2593.0	-0.20	1 / 120	22.20	22.00	0.159	33.01	-11.01		
		2546.0	-0.20	1 / 135	26.50	26.30	0.427	33.01	-6.71		
		2593.0	-0.20	1 / 271	26.56	26.36	0.432	33.01	-6.65		
		2640.0	-0.20	1 / 271	26.55	26.35	0.432	33.01	-6.66		
		2546.0	-0.20	1 / 271	26.57	26.37	0.433	33.01	-6.64		
	QPSK	2593.0	-0.20	1 / 271	26.56	26.36	0.432	33.01	-6.65		
		2640.0	-0.20	1 / 271	26.48	26.28	0.424	33.01	-6.73		
		16-QAM	2593.0	-0.20	1 / 271	25.59	25.39	0.346	33.01	-7.62	
		64-QAM	2640.0	-0.20	1 / 135	24.82	24.62	0.290	33.01	-8.39	
		256-QAM	2640.0	-0.20	1 / 271	22.22	22.02	0.159	33.01	-10.99	

Table 7-31. Antenna 4 EIRP Data (NR Band n41(PC2))

FCC ID: BCGA2995		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 361 of 425	

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NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	-0.20	1 / 12	25.70	25.50	0.355	33.01	-7.51
		2593.0	-0.20	1 / 12	25.59	25.39	0.346	33.01	-7.62
		2685.0	-0.20	1 / 12	25.68	25.48	0.354	33.01	-7.53
	QPSK	2501.0	-0.20	1 / 12	25.65	25.45	0.351	33.01	-7.56
		2593.0	-0.20	1 / 12	25.55	25.35	0.343	33.01	-7.66
		2685.0	-0.20	1 / 12	25.70	25.50	0.355	33.01	-7.51
	16-QAM	2593.0	-0.20	1 / 12	24.84	24.64	0.291	33.01	-8.37
	64-QAM	2685.0	-0.20	1 / 12	23.53	23.33	0.215	33.01	-9.66
	256-QAM	2685.0	-0.20	1 / 12	21.28	21.08	0.128	33.01	-11.93
15 MHz	11/2 BPSK	2503.5	-0.20	1 / 36	25.60	25.40	0.347	33.01	-7.61
		2593.0	-0.20	1 / 36	25.67	25.47	0.353	33.01	-7.54
		2682.5	-0.20	1 / 36	25.70	25.50	0.355	33.01	-7.51
	QPSK	2503.5	-0.20	1 / 36	25.70	25.50	0.354	33.01	-7.51
		2593.0	-0.20	1 / 36	25.66	25.46	0.352	33.01	-7.55
		2682.5	-0.20	1 / 36	25.69	25.49	0.354	33.01	-7.52
	16-QAM	2682.5	-0.20	1 / 18	24.68	24.48	0.281	33.01	-8.53
	64-QAM	2682.5	-0.20	1 / 18	23.57	23.37	0.217	33.01	-9.64
	256-QAM	2682.5	-0.20	1 / 36	21.25	21.05	0.127	33.01	-11.96
20 MHz	11/2 BPSK	2506.0	-0.20	1 / 25	25.55	25.35	0.343	33.01	-7.66
		2593.0	-0.20	1 / 49	25.50	25.30	0.339	33.01	-7.71
		2680.0	-0.20	1 / 49	25.53	25.33	0.341	33.01	-7.68
	QPSK	2506.0	-0.20	1 / 25	25.52	25.32	0.341	33.01	-7.69
		2593.0	-0.20	1 / 49	25.49	25.29	0.338	33.01	-7.72
		2680.0	-0.20	1 / 49	25.68	25.48	0.353	33.01	-7.53
	16-QAM	2680.0	-0.20	1 / 49	25.00	24.80	0.302	33.01	-8.21
	64-QAM	2680.0	-0.20	1 / 49	23.33	23.13	0.206	33.01	-9.88
	256-QAM	2680.0	-0.20	1 / 49	21.01	20.81	0.121	33.01	-12.20
30 MHz	11/2 BPSK	2511.0	-0.20	1 / 36	25.57	25.37	0.344	33.01	-7.64
		2593.0	-0.20	1 / 76	25.48	25.28	0.338	33.01	-7.73
		2675.0	-0.20	1 / 76	25.55	25.35	0.343	33.01	-7.66
	QPSK	2511.0	-0.20	1 / 76	25.59	25.39	0.346	33.01	-7.62
		2593.0	-0.20	1 / 76	25.51	25.31	0.340	33.01	-7.70
		2675.0	-0.20	1 / 76	25.62	25.42	0.348	33.01	-7.59
	16-QAM	2593.0	-0.20	1 / 36	24.76	24.56	0.286	33.01	-8.45
	64-QAM	2593.0	-0.20	1 / 76	23.46	23.26	0.212	33.01	-9.76
	256-QAM	2593.0	-0.20	1 / 76	21.23	21.03	0.127	33.01	-11.99
40 MHz	11/2 BPSK	2516.0	-0.20	1 / 104	25.65	25.45	0.351	33.01	-7.56
		2593.0	-0.20	1 / 104	25.59	25.39	0.346	33.01	-7.62
		2670.0	-0.20	1 / 104	25.61	25.41	0.347	33.01	-7.60
	QPSK	2516.0	-0.20	1 / 104	25.70	25.50	0.355	33.01	-7.51
		2593.0	-0.20	1 / 104	25.61	25.41	0.347	33.01	-7.60
		2670.0	-0.20	1 / 104	25.67	25.47	0.352	33.01	-7.54
	16-QAM	2670.0	-0.20	1 / 104	24.69	24.49	0.281	33.01	-8.52
	64-QAM	2670.0	-0.20	1 / 104	23.41	23.21	0.209	33.01	-9.80
	256-QAM	2593.0	-0.20	1 / 104	21.23	21.03	0.127	33.01	-11.98
50 MHz	11/2 BPSK	2521.0	-0.20	1 / 64	25.65	25.45	0.351	33.01	-7.56
		2593.0	-0.20	1 / 131	25.59	25.39	0.346	33.01	-7.62
		2665.0	-0.20	1 / 131	25.70	25.50	0.355	33.01	-7.51
	QPSK	2521.0	-0.20	1 / 64	25.57	25.37	0.345	33.01	-7.64
		2593.0	-0.20	1 / 131	25.64	25.44	0.350	33.01	-7.57
		2665.0	-0.20	1 / 64	25.69	25.49	0.354	33.01	-7.52
	16-QAM	2665.0	-0.20	1 / 64	24.54	24.34	0.272	33.01	-8.67
	64-QAM	2665.0	-0.20	1 / 131	23.45	23.25	0.211	33.01	-9.76
	256-QAM	2593.0	-0.20	1 / 131	21.23	21.03	0.127	33.01	-11.98
60 MHz	11/2 BPSK	2526.0	-0.20	1 / 81	25.58	25.38	0.346	33.01	-7.63
		2593.0	-0.20	1 / 81	25.67	25.47	0.352	33.01	-7.54
		2660.0	-0.20	1 / 81	25.70	25.50	0.355	33.01	-7.51
	QPSK	2526.0	-0.20	1 / 81	25.66	25.46	0.351	33.01	-7.55
		2593.0	-0.20	1 / 81	25.65	25.45	0.351	33.01	-7.56
		2660.0	-0.20	1 / 160	25.60	25.40	0.346	33.01	-7.62
	16-QAM	2593.0	-0.20	1 / 81	24.75	24.55	0.285	33.01	-8.46
	64-QAM	2593.0	-0.20	1 / 81	23.58	23.38	0.218	33.01	-9.63
	256-QAM	2593.0	-0.20	1 / 81	21.44	21.24	0.133	33.01	-11.77
70 MHz	11/2 BPSK	2531.0	-0.20	1 / 90	25.61	25.41	0.347	33.01	-7.60
		2593.0	-0.20	1 / 90	25.48	25.28	0.337	33.01	-7.73
		2655.0	-0.20	1 / 187	25.57	25.37	0.345	33.01	-7.64
	QPSK	2531.0	-0.20	1 / 90	25.56	25.36	0.344	33.01	-7.65
		2593.0	-0.20	1 / 90	25.70	25.50	0.355	33.01	-7.51
		2655.0	-0.20	1 / 90	25.56	25.36	0.343	33.01	-7.65
	16-QAM	2593.0	-0.20	1 / 187	24.67	24.47	0.280	33.01	-8.54
	64-QAM	2655.0	-0.20	1 / 187	23.41	23.21	0.210	33.01	-9.80
	256-QAM	2655.0	-0.20	1 / 90	21.19	20.99	0.126	33.01	-12.02
80 MHz	11/2 BPSK	2536.0	-0.20	1 / 108	25.44	25.24	0.334	33.01	-7.77
		2593.0	-0.20	1 / 108	25.54	25.34	0.342	33.01	-7.67
		2650.0	-0.20	1 / 215	25.56	25.36	0.344	33.01	-7.65
	QPSK	2536.0	-0.20	1 / 108	25.63	25.43	0.349	33.01	-7.58
		2593.0	-0.20	1 / 108	25.38	25.18	0.330	33.01	-7.83
		2650.0	-0.20	1 / 215	25.47	25.27	0.336	33.01	-7.74
	16-QAM	2650.0	-0.20	1 / 108	24.60	24.40	0.275	33.01	-8.61
	64-QAM	2650.0	-0.20	1 / 215	23.35	23.15	0.206	33.01	-9.86
	256-QAM	2593.0	-0.20	1 / 215	21.19	20.99	0.126	33.01	-12.02
90 MHz	11/2 BPSK	2541.0	-0.20	1 / 120	25.70	25.50	0.355	33.01	-7.51
		2593.0	-0.20	1 / 243	25.54	25.34	0.342	33.01	-7.68
		2645.0	-0.20	1 / 243	25.60	25.40	0.347	33.01	-7.61
	QPSK	2541.0	-0.20	1 / 120	25.56	25.36	0.344	33.01	-7.65
		2593.0	-0.20	1 / 243	25.62	25.42	0.349	33.01	-7.59
		2645.0	-0.20	1 / 243	25.58	25.38	0.345	33.01	-7.63
	16-QAM	2645.0	-0.20	1 / 120	24.84	24.64	0.291	33.01	-8.37
	64-QAM	2645.0	-0.20	1 / 120	23.48	23.28	0.213	33.01	-9.73
	256-QAM	2645.0	-0.20	1 / 243	21.35	21.15	0.130	33.01	-11.86
100 MHz	11/2 BPSK	2546.0	-0.20	1 / 271	25.62	25.42	0.349	33.01	-7.59
		2593.0	-0.20	1 / 271	25.50	25.30	0.339	33.01	-7.71
		2640.0	-0.20	1 / 271	25.60	25.40	0.347	33.01	-7.61
	QPSK	2546.0	-0.20	1 / 135	25.55	25.35	0.343	33.01	-7.66
		2593.0	-0.20	1 / 271	25.55	25.35	0.343	33.01	-7.66
		2640.0	-0.20	1 / 271	25.57	25.37	0.345	33.01	-7.64
	16-QAM	2593.0	-0.20	1 / 271	24.70	24.50	0.282	33.01	-8.51
	64-QAM	2640.0	-0.20	1 / 271	23.62	23.42	0.220	33.01	-9.59
	256-QAM	2640.0	-0.20	1 / 135	21.17	20.97	0.125	33.01	-12.04

Table 7-32. Antenna 4 EIRP Data (NR Band n41(PC3))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 362 of 425

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ULCA LTE Band 7

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B7	20MHz + 20MHz	QPSK	20850	2510.0	1	99	QPSK	21048	2529.8	1	0	24.65	0.00	24.65	0.292	33.01	-8.36
				21100	2535.0	1	99		21298	2554.8	1	0	24.55	0.00	24.55	0.285	33.01	-8.46
				21350	2560.0	1	0		21152	2540.2	1	99	24.67	0.00	24.67	0.293	33.01	-8.34
			QPSK	21350	2560	100	0	QPSK	21152	2540.2	100	0	23.79	0.00	23.79	0.239	33.01	-9.22
			16-QAM	21350	2560	100	0	16-QAM	21152	2540.2	100	0	22.97	0.00	22.97	0.198	33.01	-10.04
			64-QAM	21350	2560	100	0	64-QAM	21152	2540.2	100	0	22.63	0.00	22.63	0.183	33.01	-10.38
			256-QAM	21350	2560	100	0	256-QAM	21152	2540.2	100	0	20.55	0.00	20.55	0.114	33.01	-12.46

Table 7-33. Antenna 4 EIRP Data (ULCA LTE Band 7)

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	26.53	-0.20	26.33	0.430	33.01	-6.68
				40620	2593.0	1	99		40818	2612.8	1	0	26.34	-0.20	26.14	0.411	33.01	-6.87
				41490	2680.0	1	0		41292	2660.2	1	99	26.43	-0.20	26.23	0.420	33.01	-6.78
			QPSK	39790	2510	100	0	QPSK	39988	2529.8	100	0	20.96	-0.20	20.76	0.119	33.01	-12.25
			16-QAM	39790	2510	100	0	16-QAM	39988	2529.8	100	0	19.93	-0.20	19.73	0.094	33.01	-13.28
			64-QAM	39790	2510	100	0	64-QAM	39988	2529.8	100	0	19.67	-0.20	19.47	0.089	33.01	-13.54
			256-QAM	39790	2510	100	0	256-QAM	39988	2529.8	100	0	17.58	-0.20	17.38	0.055	33.01	-15.63

Table 7-34. Antenna 4 EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	25.68	-0.20	25.48	0.353	33.01	-7.53
				40620	2593.0	1	99		40818	2612.8	1	0	25.31	-0.20	25.11	0.324	33.01	-7.90
				41490	2680.0	1	0		41292	2660.2	1	99	25.55	-0.20	25.35	0.343	33.01	-7.66
			QPSK	39750	2506	100	0	QPSK	39948	2525.8	100	0	22.48	-0.20	22.28	0.169	33.01	-10.73
			16-QAM	39750	2506	100	0	16-QAM	39948	2525.8	100	0	21.35	-0.20	21.15	0.130	33.01	-11.86
			64-QAM	39750	2506	100	0	64-QAM	39948	2525.8	100	0	21.45	-0.20	21.25	0.133	33.01	-11.76
			256-QAM	39750	2506	100	0	256-QAM	39948	2525.8	100	0	20.42	-0.20	20.22	0.105	33.01	-12.79

Table 7-35. Antenna 4 EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.4 Antenna 2 - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	0.00	1 / 12	22.70	22.70	0.186	23.98	-1.28
		2310.0	0.00	1 / 0	22.69	22.69	0.186	23.98	-1.29
		2312.5	0.00	1 / 0	22.49	22.49	0.177	23.98	-1.49
	16-QAM	2307.5	0.00	1 / 12	21.69	21.69	0.148	23.98	-2.29
	64-QAM	2312.5	0.00	1 / 24	20.67	20.67	0.117	23.98	-3.31
	256-QAM	2310.0	0.00	1 / 24	17.74	17.74	0.059	23.98	-6.24
10 MHz	QPSK	2310.0	0.00	1 / 25	22.68	22.68	0.185	23.98	-1.30
	16-QAM	2310.0	0.00	1 / 0	21.69	21.69	0.148	23.98	-2.29
	64-QAM	2310.0	0.00	1 / 25	20.68	20.68	0.117	23.98	-3.30
	256-QAM	2310.0	0.00	1 / 0	17.76	17.76	0.060	23.98	-6.22

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

FCC ID: BCGA2995	 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	0.30	1 / 0	22.29	22.59	0.182	33.01	-10.42
		2535.0	0.30	1 / 0	22.59	22.89	0.195	33.01	-10.12
		2567.5	0.30	1 / 0	22.70	23.00	0.200	33.01	-10.01
	16-QAM	2567.5	0.30	1 / 12	21.63	21.93	0.156	33.01	-11.08
	64-QAM	2567.5	0.30	1 / 0	20.66	20.96	0.125	33.01	-12.05
	256-QAM	2502.5	0.30	1 / 12	17.73	18.03	0.064	33.01	-14.98
10 MHz	QPSK	2505.0	0.30	1 / 0	22.49	22.79	0.190	33.01	-10.22
		2535.0	0.30	1 / 49	22.65	22.95	0.197	33.01	-10.06
		2565.0	0.30	1 / 25	22.63	22.93	0.196	33.01	-10.08
	16-QAM	2535.0	0.30	1 / 49	21.70	22.00	0.158	33.01	-11.01
	64-QAM	2535.0	0.30	1 / 49	20.64	20.94	0.124	33.01	-12.07
	256-QAM	2535.0	0.30	1 / 25	17.84	18.14	0.065	33.01	-14.87
15 MHz	QPSK	2507.5	0.30	1 / 74	22.50	22.80	0.191	33.01	-10.21
		2535.0	0.30	1 / 74	22.60	22.90	0.195	33.01	-10.11
		2562.5	0.30	1 / 74	22.68	22.98	0.199	33.01	-10.03
	16-QAM	2562.5	0.30	1 / 0	21.63	21.93	0.156	33.01	-11.08
	64-QAM	2535.0	0.30	1 / 74	20.69	20.99	0.126	33.01	-12.02
	256-QAM	2535.0	0.30	1 / 37	17.80	18.10	0.065	33.01	-14.91
20 MHz	QPSK	2510.0	0.30	1 / 50	22.56	22.86	0.193	33.01	-10.15
		2535.0	0.30	1 / 0	22.38	22.68	0.185	33.01	-10.33
		2560.0	0.30	1 / 0	22.60	22.90	0.195	33.01	-10.11
	16-QAM	2510.0	0.30	1 / 50	21.61	21.91	0.155	33.01	-11.10
	64-QAM	2510.0	0.30	1 / 50	20.70	21.00	0.126	33.01	-12.01
	256-QAM	2560.0	0.30	1 / 0	17.73	18.03	0.064	33.01	-14.98

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

FCC ID: BCGA2995	 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	0.10	1 / 24	26.85	26.95	0.495	33.01	-6.06
		2593.0	0.10	1 / 12	27.20	27.30	0.537	33.01	-5.71
		2687.5	0.10	1 / 24	27.17	27.27	0.533	33.01	-5.74
	16-QAM	2687.5	0.10	1 / 24	26.13	26.23	0.420	33.01	-6.78
	64-QAM	2687.5	0.10	1 / 24	25.17	25.27	0.337	33.01	-7.74
	256-QAM	2687.5	0.10	1 / 12	22.30	22.40	0.174	33.01	-10.61
10 MHz	QPSK	2501.0	0.10	1 / 49	26.91	27.01	0.502	33.01	-6.00
		2593.0	0.10	1 / 49	26.93	27.03	0.505	33.01	-5.98
		2685.0	0.10	1 / 25	27.20	27.30	0.537	33.01	-5.71
	16-QAM	2685.0	0.10	1 / 25	26.07	26.17	0.414	33.01	-6.84
	64-QAM	2593.0	0.10	1 / 25	25.11	25.21	0.332	33.01	-7.80
	256-QAM	2685.0	0.10	1 / 0	22.33	22.43	0.175	33.01	-10.58
15 MHz	QPSK	2503.5	0.10	1 / 74	27.13	27.23	0.528	33.01	-5.78
		2593.0	0.10	1 / 74	27.20	27.30	0.537	33.01	-5.71
		2682.5	0.10	1 / 0	27.20	27.30	0.537	33.01	-5.71
	16-QAM	2682.5	0.10	1 / 0	26.15	26.25	0.422	33.01	-6.76
	64-QAM	2682.5	0.10	1 / 0	25.08	25.18	0.330	33.01	-7.83
	256-QAM	2682.5	0.10	1 / 0	22.28	22.38	0.173	33.01	-10.63
20 MHz	QPSK	2506.0	0.10	1 / 99	27.03	27.13	0.516	33.01	-5.88
		2593.0	0.10	1 / 0	26.96	27.06	0.508	33.01	-5.95
		2680.0	0.10	1 / 0	27.07	27.17	0.521	33.01	-5.84
	16-QAM	2680.0	0.10	1 / 0	26.08	26.18	0.415	33.01	-6.83
	64-QAM	2593.0	0.10	1 / 0	25.21	25.31	0.340	33.01	-7.70
	256-QAM	2593.0	0.10	1 / 0	22.30	22.40	0.174	33.01	-10.61

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

FCC ID: BCGA2995	 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	0.10	1 / 24	25.62	25.72	0.373	33.01	-7.29
		2593.0	0.10	1 / 0	25.41	25.51	0.356	33.01	-7.50
		2687.5	0.10	1 / 24	25.68	25.78	0.378	33.01	-7.23
	16-QAM	2593.0	0.10	1 / 12	24.71	24.81	0.303	33.01	-8.20
	64-QAM	2687.5	0.10	1 / 24	23.70	23.80	0.240	33.01	-9.21
	256-QAM	2687.5	0.10	1 / 12	20.78	20.88	0.122	33.01	-12.13
10 MHz	QPSK	2501.0	0.10	1 / 49	25.44	25.54	0.358	33.01	-7.47
		2593.0	0.10	1 / 25	25.60	25.70	0.372	33.01	-7.31
		2685.0	0.10	1 / 49	25.70	25.80	0.380	33.01	-7.21
	16-QAM	2593.0	0.10	1 / 25	24.50	24.60	0.288	33.01	-8.41
	64-QAM	2685.0	0.10	1 / 49	23.69	23.79	0.239	33.01	-9.22
	256-QAM	2685.0	0.10	1 / 0	20.80	20.90	0.123	33.01	-12.11
15 MHz	QPSK	2503.5	0.10	1 / 74	25.70	25.80	0.380	33.01	-7.21
		2593.0	0.10	1 / 74	25.66	25.76	0.377	33.01	-7.25
		2682.5	0.10	1 / 74	25.24	25.34	0.342	33.01	-7.67
	16-QAM	2593.0	0.10	1 / 74	24.65	24.75	0.299	33.01	-8.26
	64-QAM	2593.0	0.10	1 / 37	23.65	23.75	0.237	33.01	-9.26
	256-QAM	2593.0	0.10	1 / 74	20.76	20.86	0.122	33.01	-12.15
20 MHz	QPSK	2506.0	0.10	1 / 50	25.70	25.80	0.380	33.01	-7.21
		2593.0	0.10	1 / 99	25.62	25.72	0.373	33.01	-7.29
		2680.0	0.10	1 / 99	25.60	25.70	0.372	33.01	-7.31
	16-QAM	2680.0	0.10	1 / 50	24.67	24.77	0.300	33.01	-8.24
	64-QAM	2680.0	0.10	1 / 50	23.58	23.68	0.233	33.01	-9.33
	256-QAM	2593.0	0.10	1 / 50	20.67	20.77	0.119	33.01	-12.24

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 367 of 425

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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	0.00	25 / 0	21.99	21.99	0.158	23.98	-1.99
		2310.0	0.00	25 / 0	22.20	22.20	0.166	23.98	-1.78
		2312.5	0.00	25 / 0	22.10	22.10	0.162	23.98	-1.88
	QPSK	2307.5	0.00	25 / 0	21.66	21.66	0.147	23.98	-2.32
		2310.0	0.00	25 / 0	21.64	21.64	0.146	23.98	-2.34
		2312.5	0.00	25 / 0	21.67	21.67	0.147	23.98	-2.31
	16-QAM	2307.5	0.00	25 / 0	20.68	20.68	0.117	23.98	-3.30
	64-QAM	2307.5	0.00	25 / 0	20.19	20.19	0.104	23.98	-3.79
	256-QAM	2307.5	0.00	25 / 0	18.14	18.14	0.065	23.98	-5.84
10 MHz	$\pi/2$ BPSK	2310.0	0.00	50 / 0	22.05	22.05	0.160	23.98	-1.93
	QPSK	2310.0	0.00	50 / 0	21.50	21.50	0.141	23.98	-2.48
	16-QAM	2310.0	0.00	50 / 0	20.59	20.59	0.115	23.98	-3.39
	64-QAM	2310.0	0.00	50 / 0	19.95	19.95	0.099	23.98	-4.03
	256-QAM	2310.0	0.00	50 / 0	18.03	18.03	0.064	23.98	-5.95

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 368 of 425

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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	0.30	1 / 1	22.64	22.94	0.197	33.01	-10.07
		2535.0	0.30	1 / 12	22.68	22.98	0.199	33.01	-10.03
		2567.5	0.30	1 / 12	22.44	22.74	0.188	33.01	-10.27
	QPSK	2502.5	0.30	1 / 1	22.54	22.84	0.192	33.01	-10.17
		2535.0	0.30	1 / 1	22.70	23.00	0.200	33.01	-10.01
		2567.5	0.30	1 / 12	22.70	23.00	0.200	33.01	-10.01
	16-QAM	2535.0	0.30	1 / 23	21.73	22.03	0.160	33.01	-10.98
	64-QAM	2567.5	0.30	1 / 12	20.71	21.01	0.126	33.01	-12.00
	256-QAM	2535.0	0.30	1 / 23	17.82	18.12	0.065	33.01	-14.89
	256-QAM	2505.0	0.30	1 / 50	22.62	22.92	0.196	33.01	-10.09
10 MHz	π/2 BPSK	2535.0	0.30	1 / 25	22.70	23.00	0.200	33.01	-10.01
		2565.0	0.30	1 / 25	22.67	22.97	0.198	33.01	-10.04
		2505.0	0.30	1 / 1	22.63	22.93	0.196	33.01	-10.08
	QPSK	2535.0	0.30	1 / 50	22.66	22.96	0.198	33.01	-10.05
		2565.0	0.30	1 / 1	22.68	22.98	0.199	33.01	-10.03
		2505.0	0.30	1 / 25	21.69	21.99	0.158	33.01	-11.02
	16-QAM	2505.0	0.30	1 / 1	20.64	20.94	0.124	33.01	-12.07
	64-QAM	2505.0	0.30	1 / 1	20.64	20.94	0.124	33.01	-12.07
	256-QAM	2565.0	0.30	1 / 25	17.68	17.98	0.063	33.01	-15.03
	256-QAM	2507.5	0.30	1 / 1	22.45	22.75	0.188	33.01	-10.26
15 MHz	π/2 BPSK	2535.0	0.30	1 / 77	22.70	23.00	0.200	33.01	-10.01
		2562.5	0.30	1 / 77	22.43	22.73	0.187	33.01	-10.28
		2507.5	0.30	1 / 1	22.64	22.94	0.197	33.01	-10.07
	QPSK	2535.0	0.30	1 / 77	22.64	22.94	0.197	33.01	-10.07
		2562.5	0.30	1 / 36	22.70	23.00	0.200	33.01	-10.01
		2507.5	0.30	1 / 77	21.46	21.76	0.150	33.01	-11.25
	16-QAM	2562.5	0.30	1 / 36	20.65	20.95	0.124	33.01	-12.06
	64-QAM	2507.5	0.30	1 / 1	17.77	18.07	0.064	33.01	-14.94
	256-QAM	2507.5	0.30	1 / 1	17.77	18.07	0.064	33.01	-14.94
	256-QAM	2510.0	0.30	1 / 50	22.52	22.82	0.191	33.01	-10.19
20 MHz	π/2 BPSK	2535.0	0.30	1 / 50	22.70	23.00	0.200	33.01	-10.01
		2560.0	0.30	1 / 50	22.42	22.72	0.187	33.01	-10.29
		2510.0	0.30	1 / 104	22.61	22.91	0.195	33.01	-10.10
	QPSK	2535.0	0.30	1 / 50	22.68	22.98	0.199	33.01	-10.03
		2560.0	0.30	1 / 50	22.53	22.83	0.192	33.01	-10.18
		2510.0	0.30	1 / 1	21.63	21.93	0.156	33.01	-11.08
	16-QAM	2510.0	0.30	1 / 1	21.63	21.93	0.156	33.01	-11.08
	64-QAM	2560.0	0.30	1 / 1	20.71	21.01	0.126	33.01	-12.00
	256-QAM	2510.0	0.30	1 / 1	17.72	18.02	0.063	33.01	-14.99
	256-QAM	2510.0	0.30	1 / 1	17.72	18.02	0.063	33.01	-14.99
25 MHz	π/2 BPSK	2512.5	0.30	1 / 131	22.61	22.91	0.195	33.01	-10.10
		2535.0	0.30	1 / 64	22.65	22.95	0.197	33.01	-10.06
		2557.5	0.30	1 / 1	22.36	22.66	0.185	33.01	-10.35
	QPSK	2512.5	0.30	1 / 64	22.61	22.91	0.195	33.01	-10.10
		2535.0	0.30	1 / 131	22.70	23.00	0.200	33.01	-10.01
		2557.5	0.30	1 / 1	22.38	22.68	0.185	33.01	-10.33
	16-QAM	2557.5	0.30	1 / 1	21.65	21.95	0.157	33.01	-11.06
	64-QAM	2512.5	0.30	1 / 64	20.70	21.00	0.126	33.01	-12.01
	256-QAM	2535.0	0.30	1 / 1	17.78	18.08	0.064	33.01	-14.93
	256-QAM	2535.0	0.30	1 / 1	17.78	18.08	0.064	33.01	-14.93
30 MHz	π/2 BPSK	2515.0	0.30	1 / 1	22.65	22.95	0.197	33.01	-10.06
		2535.0	0.30	1 / 80	22.40	22.70	0.186	33.01	-10.31
		2555.0	0.30	1 / 1	22.70	23.00	0.200	33.01	-10.01
	QPSK	2515.0	0.30	1 / 158	22.61	22.91	0.195	33.01	-10.10
		2535.0	0.30	1 / 158	22.65	22.95	0.197	33.01	-10.06
		2555.0	0.30	1 / 158	22.66	22.96	0.198	33.01	-10.05
	16-QAM	2515.0	0.30	1 / 1	21.67	21.97	0.157	33.01	-11.04
	64-QAM	2555.0	0.30	1 / 1	20.70	21.00	0.126	33.01	-12.01
	256-QAM	2555.0	0.30	1 / 1	17.78	18.08	0.064	33.01	-14.93
	256-QAM	2555.0	0.30	1 / 1	17.78	18.08	0.064	33.01	-14.93
35 MHz	π/2 BPSK	2517.5	0.30	1 / 186	22.62	22.92	0.196	33.01	-10.09
		2535.0	0.30	1 / 1	22.57	22.87	0.194	33.01	-10.14
		2552.5	0.30	1 / 93	22.61	22.91	0.195	33.01	-10.10
	QPSK	2517.5	0.30	1 / 1	22.70	23.00	0.200	33.01	-10.01
		2535.0	0.30	1 / 93	22.68	22.98	0.199	33.01	-10.03
		2552.5	0.30	1 / 186	22.54	22.84	0.192	33.01	-10.17
	16-QAM	2552.5	0.30	1 / 1	21.68	21.98	0.158	33.01	-11.03
	64-QAM	2535.0	0.30	1 / 1	20.71	21.01	0.126	33.01	-12.00
	256-QAM	2552.5	0.30	1 / 93	17.82	18.12	0.065	33.01	-14.89
	256-QAM	2552.5	0.30	1 / 93	17.82	18.12	0.065	33.01	-14.89
40 MHz	π/2 BPSK	2520.0	0.30	1 / 1	22.66	22.96	0.198	33.01	-10.05
		2535.0	0.30	1 / 108	22.59	22.89	0.195	33.01	-10.12
		2550.0	0.30	1 / 108	22.64	22.94	0.197	33.01	-10.07
	QPSK	2520.0	0.30	1 / 214	22.64	22.94	0.197	33.01	-10.07
		2535.0	0.30	1 / 1	22.62	22.92	0.196	33.01	-10.09
		2550.0	0.30	1 / 214	22.70	23.00	0.200	33.01	-10.01
	16-QAM	2535.0	0.30	1 / 214	21.64	21.94	0.156	33.01	-11.07
	64-QAM	2520.0	0.30	1 / 108	20.71	21.01	0.126	33.01	-12.00
	256-QAM	2550.0	0.30	1 / 1	17.81	18.11	0.065	33.01	-14.90
	256-QAM	2550.0	0.30	1 / 1	17.81	18.11	0.065	33.01	-14.90

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

FCC ID: BCGA2995		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device		Page 369 of 425

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NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	0.10	1 / 12	27.19	27.29	0.536	33.01	-5.72
		2593.0	0.10	1 / 22	27.19	27.29	0.536	33.01	-5.72
		2685.0	0.10	1 / 22	26.90	27.00	0.501	33.01	-6.01
	QPSK	2501.0	0.10	1 / 22	27.15	27.25	0.531	33.01	-5.76
		2593.0	0.10	1 / 12	27.20	27.30	0.537	33.01	-5.71
		2685.0	0.10	1 / 12	26.67	26.77	0.475	33.01	-6.24
	16-QAM	2593.0	0.10	1 / 22	26.25	26.35	0.431	33.01	-6.66
	64-QAM	2593.0	0.10	1 / 22	25.03	25.13	0.326	33.01	-7.88
	256-QAM	2685.0	0.10	1 / 22	22.81	22.91	0.196	33.01	-10.10
15 MHz	11/2 BPSK	2503.5	0.10	1 / 36	26.87	26.97	0.498	33.01	-6.04
		2593.0	0.10	1 / 36	27.20	27.30	0.537	33.01	-5.71
		2682.5	0.10	1 / 36	26.95	27.05	0.507	33.01	-5.96
	QPSK	2503.5	0.10	1 / 36	26.81	26.91	0.491	33.01	-6.10
		2593.0	0.10	1 / 18	27.16	27.26	0.532	33.01	-5.75
		2682.5	0.10	1 / 36	26.63	26.73	0.471	33.01	-6.28
	16-QAM	2593.0	0.10	1 / 18	25.99	26.09	0.407	33.01	-6.92
	64-QAM	2593.0	0.10	1 / 18	24.96	25.06	0.321	33.01	-7.95
	256-QAM	2593.0	0.10	1 / 36	22.81	22.91	0.196	33.01	-10.10
20 MHz	11/2 BPSK	2506.0	0.10	1 / 49	26.87	26.97	0.498	33.01	-6.04
		2593.0	0.10	1 / 25	27.12	27.22	0.527	33.01	-5.79
		2680.0	0.10	1 / 49	26.92	27.02	0.504	33.01	-5.99
	QPSK	2506.0	0.10	1 / 49	26.80	26.90	0.490	33.01	-6.11
		2593.0	0.10	1 / 25	27.20	27.30	0.537	33.01	-5.71
		2680.0	0.10	1 / 49	26.65	26.75	0.473	33.01	-6.26
	16-QAM	2593.0	0.10	1 / 25	26.20	26.30	0.427	33.01	-6.71
	64-QAM	2593.0	0.10	1 / 49	25.14	25.24	0.334	33.01	-7.77
	256-QAM	2593.0	0.10	1 / 49	22.83	22.93	0.196	33.01	-10.08
30 MHz	11/2 BPSK	2511.0	0.10	1 / 76	26.83	26.93	0.493	33.01	-6.08
		2593.0	0.10	1 / 76	27.20	27.30	0.537	33.01	-5.71
		2675.0	0.10	1 / 76	26.88	26.98	0.499	33.01	-6.03
	QPSK	2511.0	0.10	1 / 76	26.73	26.83	0.482	33.01	-6.18
		2593.0	0.10	1 / 76	27.09	27.19	0.523	33.01	-5.82
		2675.0	0.10	1 / 76	26.59	26.69	0.467	33.01	-6.32
	16-QAM	2593.0	0.10	1 / 36	26.18	26.28	0.425	33.01	-6.73
	64-QAM	2593.0	0.10	1 / 36	24.98	25.08	0.322	33.01	-7.93
	256-QAM	2675.0	0.10	1 / 76	22.86	22.96	0.198	33.01	-10.05
40 MHz	11/2 BPSK	2516.0	0.10	1 / 104	26.84	26.94	0.494	33.01	-6.07
		2593.0	0.10	1 / 104	27.20	27.30	0.537	33.01	-5.71
		2670.0	0.10	1 / 104	27.20	27.30	0.537	33.01	-5.71
	QPSK	2516.0	0.10	1 / 104	26.48	26.58	0.455	33.01	-6.43
		2593.0	0.10	1 / 104	27.18	27.28	0.535	33.01	-5.73
		2670.0	0.10	1 / 104	27.19	27.29	0.535	33.01	-5.72
	16-QAM	2670.0	0.10	1 / 104	26.38	26.48	0.445	33.01	-6.53
	64-QAM	2670.0	0.10	1 / 104	25.01	25.11	0.324	33.01	-7.90
	256-QAM	2670.0	0.10	1 / 104	22.89	22.99	0.199	33.01	-10.02
50 MHz	11/2 BPSK	2521.0	0.10	1 / 131	26.18	26.28	0.424	33.01	-6.73
		2593.0	0.10	1 / 131	27.03	27.13	0.516	33.01	-5.89
		2665.0	0.10	1 / 131	27.03	27.13	0.516	33.01	-5.88
	QPSK	2521.0	0.10	1 / 131	26.20	26.30	0.427	33.01	-6.71
		2593.0	0.10	1 / 64	27.00	27.10	0.512	33.01	-5.92
		2665.0	0.10	1 / 131	27.20	27.30	0.537	33.01	-5.71
	16-QAM	2665.0	0.10	1 / 64	26.06	26.16	0.413	33.01	-6.85
	64-QAM	2593.0	0.10	1 / 131	24.83	24.93	0.311	33.01	-8.08
	256-QAM	2593.0	0.10	1 / 64	22.44	22.54	0.179	33.01	-10.47
60 MHz	11/2 BPSK	2526.0	0.10	1 / 160	27.16	27.26	0.532	33.01	-5.75
		2593.0	0.10	1 / 81	27.09	27.19	0.524	33.01	-5.82
		2660.0	0.10	1 / 160	27.20	27.30	0.537	33.01	-5.71
	QPSK	2526.0	0.10	1 / 81	27.14	27.24	0.529	33.01	-5.77
		2593.0	0.10	1 / 160	27.02	27.12	0.515	33.01	-5.89
		2660.0	0.10	1 / 160	27.09	27.19	0.524	33.01	-5.82
	16-QAM	2660.0	0.10	1 / 160	26.29	26.39	0.436	33.01	-6.62
	64-QAM	2593.0	0.10	1 / 160	24.98	25.08	0.322	33.01	-7.93
	256-QAM	2593.0	0.10	1 / 81	22.70	22.80	0.191	33.01	-10.21
70 MHz	11/2 BPSK	2531.0	0.10	1 / 187	27.09	27.19	0.523	33.01	-5.82
		2593.0	0.10	1 / 187	26.96	27.06	0.509	33.01	-5.95
		2655.0	0.10	1 / 187	27.10	27.20	0.525	33.01	-5.81
	QPSK	2531.0	0.10	1 / 90	26.98	27.08	0.511	33.01	-5.93
		2593.0	0.10	1 / 90	27.10	27.20	0.525	33.01	-5.81
		2655.0	0.10	1 / 187	27.20	27.30	0.537	33.01	-5.71
	16-QAM	2655.0	0.10	1 / 187	26.15	26.25	0.422	33.01	-6.76
	64-QAM	2655.0	0.10	1 / 90	25.00	25.10	0.323	33.01	-7.91
	256-QAM	2593.0	0.10	1 / 90	23.01	23.11	0.205	33.01	-9.90
80 MHz	11/2 BPSK	2536.0	0.10	1 / 108	27.09	27.19	0.524	33.01	-5.82
		2593.0	0.10	1 / 215	27.03	27.13	0.517	33.01	-5.88
		2650.0	0.10	1 / 215	27.20	27.30	0.537	33.01	-5.71
	QPSK	2536.0	0.10	1 / 215	26.96	27.06	0.508	33.01	-5.95
		2593.0	0.10	1 / 215	27.02	27.12	0.515	33.01	-5.89
		2650.0	0.10	1 / 215	27.09	27.19	0.523	33.01	-5.82
	16-QAM	2593.0	0.10	1 / 108	26.23	26.33	0.430	33.01	-6.68
	64-QAM	2650.0	0.10	1 / 108	24.88	24.98	0.315	33.01	-8.03
	256-QAM	2650.0	0.10	1 / 215	22.66	22.76	0.189	33.01	-10.25
90 MHz	11/2 BPSK	2541.0	0.10	1 / 243	26.98	27.08	0.511	33.01	-5.93
		2593.0	0.10	1 / 120	26.96	27.06	0.508	33.01	-5.95
		2645.0	0.10	1 / 243	27.20	27.30	0.537	33.01	-5.71
	QPSK	2541.0	0.10	1 / 243	26.89	26.99	0.501	33.01	-6.02
		2593.0	0.10	1 / 120	27.03	27.13	0.517	33.01	-5.88
		2645.0	0.10	1 / 120	27.06	27.16	0.521	33.01	-5.85
	16-QAM	2593.0	0.10	1 / 243	25.94	26.04	0.402	33.01	-6.97
	64-QAM	2645.0	0.10	1 / 243	25.18	25.28	0.337	33.01	-7.73
	256-QAM	2645.0	0.10	1 / 243	22.58	22.68	0.185	33.01	-10.33
100 MHz	11/2 BPSK	2546.0	0.10	1 / 135	27.20	27.30	0.537	33.01	-5.71
		2593.0	0.10	1 / 135	26.87	26.97	0.498	33.01	-6.04
		2640.0	0.10	1 / 271	27.00	27.10	0.513	33.01	-5.91
	QPSK	2546.0	0.10	1 / 271	26.83	26.93	0.494	33.01	-6.08
		2593.0	0.10	1 / 271	26.92	27.02	0.504	33.01	-5.99
		2640.0	0.10	1 / 271	27.07	27.17	0.522	33.01	-5.84
	16-QAM	2640.0	0.10	1 / 271	26.02	26.12	0.409	33.01	-6.89
	64-QAM	2640.0	0.10	1 / 271	24.83	24.93	0.311	33.01	-8.08
	256-QAM	2640.0	0.10	1 / 271	22.76	22.86	0.193	33.01	-10.15

Table 7-42. Antenna 2 EIRP Data (NR Band n41(PC2))

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 370 of 425

NR Band n41(PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	2501.0	0.10	1 / 12	25.47	25.57	0.360	33.01	-7.44
		2593.0	0.10	1 / 12	25.47	25.57	0.361	33.01	-7.44
		2685.0	0.10	1 / 12	25.62	25.72	0.374	33.01	-7.29
	QPSK	2501.0	0.10	1 / 12	25.50	25.60	0.363	33.01	-7.41
		2593.0	0.10	1 / 12	25.54	25.64	0.367	33.01	-7.37
		2685.0	0.10	1 / 12	25.70	25.80	0.380	33.01	-7.21
	16-QAM	2685.0	0.10	1 / 12	24.75	24.85	0.305	33.01	-8.16
	64-QAM	2685.0	0.10	1 / 12	23.45	23.55	0.227	33.01	-9.46
	256-QAM	2685.0	0.10	1 / 22	21.38	21.48	0.141	33.01	-11.53
15 MHz	π/2 BPSK	2503.5	0.10	1 / 36	25.42	25.52	0.357	33.01	-7.49
		2593.0	0.10	1 / 36	25.55	25.65	0.367	33.01	-7.36
		2682.5	0.10	1 / 36	25.70	25.80	0.380	33.01	-7.21
	QPSK	2503.5	0.10	1 / 36	25.44	25.54	0.358	33.01	-7.47
		2593.0	0.10	1 / 36	25.62	25.72	0.373	33.01	-7.29
		2682.5	0.10	1 / 36	25.66	25.76	0.376	33.01	-7.25
	16-QAM	2593.0	0.10	1 / 18	24.62	24.72	0.296	33.01	-8.29
	64-QAM	2682.5	0.10	1 / 18	23.53	23.63	0.231	33.01	-9.38
	256-QAM	2682.5	0.10	1 / 18	21.11	21.21	0.132	33.01	-11.81
20 MHz	π/2 BPSK	2506.0	0.10	1 / 25	25.48	25.58	0.361	33.01	-7.43
		2593.0	0.10	1 / 49	25.52	25.62	0.365	33.01	-7.39
		2680.0	0.10	1 / 49	25.64	25.74	0.375	33.01	-7.27
	QPSK	2506.0	0.10	1 / 49	25.50	25.60	0.363	33.01	-7.41
		2593.0	0.10	1 / 49	25.59	25.69	0.371	33.01	-7.32
		2680.0	0.10	1 / 49	25.70	25.80	0.380	33.01	-7.21
	16-QAM	2680.0	0.10	1 / 25	24.75	24.85	0.305	33.01	-8.16
	64-QAM	2680.0	0.10	1 / 25	23.70	23.80	0.240	33.01	-9.21
	256-QAM	2680.0	0.10	1 / 25	21.23	21.33	0.136	33.01	-11.68
30 MHz	π/2 BPSK	2511.0	0.10	1 / 76	25.58	25.68	0.370	33.01	-7.33
		2593.0	0.10	1 / 76	25.47	25.57	0.361	33.01	-7.44
		2675.0	0.10	1 / 76	25.66	25.76	0.377	33.01	-7.25
	QPSK	2511.0	0.10	1 / 76	25.56	25.66	0.368	33.01	-7.35
		2593.0	0.10	1 / 76	25.58	25.68	0.370	33.01	-7.33
		2675.0	0.10	1 / 76	25.70	25.80	0.380	33.01	-7.21
	16-QAM	2675.0	0.10	1 / 76	24.84	24.94	0.312	33.01	-8.07
	64-QAM	2675.0	0.10	1 / 36	23.38	23.48	0.223	33.01	-9.53
	256-QAM	2593.0	0.10	1 / 76	21.22	21.32	0.136	33.01	-11.69
40 MHz	π/2 BPSK	2516.0	0.10	1 / 104	25.56	25.66	0.369	33.01	-7.35
		2593.0	0.10	1 / 104	25.63	25.73	0.374	33.01	-7.28
		2670.0	0.10	1 / 104	25.70	25.80	0.380	33.01	-7.21
	QPSK	2516.0	0.10	1 / 104	25.65	25.75	0.376	33.01	-7.26
		2593.0	0.10	1 / 104	25.61	25.71	0.373	33.01	-7.30
		2670.0	0.10	1 / 104	25.67	25.77	0.378	33.01	-7.24
	16-QAM	2670.0	0.10	1 / 104	24.73	24.83	0.304	33.01	-8.18
	64-QAM	2670.0	0.10	1 / 104	23.61	23.71	0.235	33.01	-9.30
	256-QAM	2670.0	0.10	1 / 104	21.15	21.25	0.133	33.01	-11.76
50 MHz	π/2 BPSK	2521.0	0.10	1 / 131	25.41	25.51	0.356	33.01	-7.50
		2593.0	0.10	1 / 131	25.55	25.65	0.367	33.01	-7.36
		2665.0	0.10	1 / 131	25.66	25.76	0.376	33.01	-7.26
	QPSK	2521.0	0.10	1 / 131	25.37	25.47	0.353	33.01	-7.54
		2593.0	0.10	1 / 131	25.59	25.69	0.371	33.01	-7.32
		2665.0	0.10	1 / 131	25.70	25.80	0.380	33.01	-7.21
	16-QAM	2593.0	0.10	1 / 64	24.90	25.00	0.316	33.01	-8.01
	64-QAM	2665.0	0.10	1 / 131	23.60	23.70	0.234	33.01	-9.31
	256-QAM	2665.0	0.10	1 / 131	21.39	21.49	0.141	33.01	-11.52
60 MHz	π/2 BPSK	2526.0	0.10	1 / 81	25.57	25.67	0.369	33.01	-7.34
		2593.0	0.10	1 / 160	25.50	25.60	0.363	33.01	-7.41
		2660.0	0.10	1 / 160	25.62	25.72	0.373	33.01	-7.29
	QPSK	2526.0	0.10	1 / 160	25.55	25.65	0.367	33.01	-7.36
		2593.0	0.10	1 / 81	25.54	25.64	0.367	33.01	-7.37
		2660.0	0.10	1 / 81	25.70	25.80	0.380	33.01	-7.21
	16-QAM	2593.0	0.10	1 / 81	24.99	25.09	0.323	33.01	-7.92
	64-QAM	2660.0	0.10	1 / 160	23.44	23.54	0.226	33.01	-9.47
	256-QAM	2660.0	0.10	1 / 160	21.25	21.35	0.136	33.01	-11.66
70 MHz	π/2 BPSK	2531.0	0.10	1 / 90	25.46	25.56	0.359	33.01	-7.45
		2593.0	0.10	1 / 90	25.47	25.57	0.361	33.01	-7.44
		2655.0	0.10	1 / 187	25.60	25.70	0.372	33.01	-7.31
	QPSK	2531.0	0.10	1 / 187	25.52	25.62	0.365	33.01	-7.39
		2593.0	0.10	1 / 187	25.50	25.60	0.363	33.01	-7.41
		2655.0	0.10	1 / 187	25.70	25.80	0.380	33.01	-7.21
	16-QAM	2655.0	0.10	1 / 187	24.63	24.73	0.297	33.01	-8.28
	64-QAM	2593.0	0.10	1 / 187	23.36	23.46	0.222	33.01	-9.55
	256-QAM	2593.0	0.10	1 / 90	21.28	21.38	0.137	33.01	-11.63
80 MHz	π/2 BPSK	2536.0	0.10	1 / 108	25.42	25.52	0.357	33.01	-7.49
		2593.0	0.10	1 / 108	25.70	25.80	0.380	33.01	-7.21
		2650.0	0.10	1 / 215	25.66	25.76	0.377	33.01	-7.25
	QPSK	2536.0	0.10	1 / 215	25.55	25.65	0.367	33.01	-7.37
		2593.0	0.10	1 / 108	25.49	25.59	0.362	33.01	-7.42
		2650.0	0.10	1 / 215	25.70	25.80	0.380	33.01	-7.21
	16-QAM	2650.0	0.10	1 / 215	24.67	24.77	0.300	33.01	-8.24
	64-QAM	2650.0	0.10	1 / 215	23.44	23.54	0.226	33.01	-9.48
	256-QAM	2593.0	0.10	1 / 215	21.05	21.15	0.130	33.01	-11.86
90 MHz	π/2 BPSK	2541.0	0.10	1 / 120	25.45	25.55	0.359	33.01	-7.46
		2593.0	0.10	1 / 243	25.53	25.63	0.366	33.01	-7.38
		2645.0	0.10	1 / 243	25.67	25.77	0.378	33.01	-7.24
	QPSK	2541.0	0.10	1 / 243	25.41	25.51	0.355	33.01	-7.51
		2593.0	0.10	1 / 120	25.51	25.61	0.364	33.01	-7.40
		2645.0	0.10	1 / 243	25.70	25.80	0.380	33.01	-7.21
	16-QAM	2645.0	0.10	1 / 243	24.81	24.91	0.310	33.01	-8.10
	64-QAM	2593.0	0.10	1 / 120	23.31	23.41	0.219	33.01	-9.60
	256-QAM	2645.0	0.10	1 / 243	21.25	21.35	0.136	33.01	-11.66
100 MHz	π/2 BPSK	2546.0	0.10	1 / 135	25.46	25.56	0.360	33.01	-7.45
		2593.0	0.10	1 / 271	25.56	25.66	0.368	33.01	-7.35
		2640.0	0.10	1 / 271	25.70	25.80	0.380	33.01	-7.21
	QPSK	2546.0	0.10	1 / 271	25.61	25.71	0.373	33.01	-7.30
		2593.0	0.10	1 / 271	25.63	25.73	0.374	33.01	-7.28
		2640.0	0.10	1 / 271	25.59	25.69	0.370	33.01	-7.32
	16-QAM	2593.0	0.10	1 / 135	24.79	24.89	0.308	33.01	-8.13
	64-QAM	2640.0	0.10	1 / 271	23.48	23.58	0.228	33.01	-9.43
	256-QAM	2593.0	0.10	1 / 135	21.30	21.40	0.138	33.01	-11.61

Table 7-43. Antenna 2 EIRP Data (NR Band n41(PC3))

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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	22.68	0.30	22.98	0.199	33.01	-10.03
				21100	2535.0	1	99		21298	2554.8	1	0	22.59	0.30	22.89	0.195	33.01	-10.12
				21350	2560.0	1	0		21152	2540.2	1	99	22.70	0.30	23.00	0.200	33.01	-10.01
			QPSK	21350	2560	100	0	QPSK	21152	2540.2	100	0	21.86	0.30	22.16	0.164	33.01	-10.85
			16-QAM	21350	2560	100	0	16-QAM	21152	2540.2	100	0	20.81	0.30	21.11	0.129	33.01	-11.90
			64-QAM	21350	2560	100	0	64-QAM	21152	2540.2	100	0	20.56	0.30	20.86	0.122	33.01	-12.15
			256-QAM	21350	2560	100	0	256-QAM	21152	2540.2	100	0	20.49	0.30	20.79	0.120	33.01	-12.22

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

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB							UL RB Offset
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	27.04	0.10	27.14	0.518	33.01	-5.87
				40620	2593.0	1	99		40818	2612.8	1	0	26.93	0.10	27.03	0.505	33.01	-5.98
				41490	2680.0	1	0		41292	2660.2	1	99	27.12	0.10	27.22	0.527	33.01	-5.79
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	21.46	0.10	21.56	0.143	33.01	-11.45
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	20.45	0.10	20.55	0.114	33.01	-12.46
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	20.19	0.10	20.29	0.107	33.01	-12.72
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	17.86	0.10	17.96	0.063	33.01	-15.05

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

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC				ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency							UL # RB	UL RB Offset
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	25.70	0.10	25.80	0.380	33.01	-7.21
				39790	2510.0	1	99		39988	2529.8	1	0	25.69	0.10	25.79	0.379	33.01	-7.22
				40620	2593.0	1	99		40818	2612.8	1	0	25.22	0.10	25.32	0.340	33.01	-7.69
				41490	2680.0	1	0		41292	2660.2	1	99	25.50	0.10	25.60	0.363	33.01	-7.41
			QPSK	39750	2506	100	0	QPSK	39948	2525.8	100	0	22.43	0.10	22.53	0.179	33.01	-10.48
			16-QAM	39750	2506	100	0	16-QAM	39948	2525.8	100	0	21.53	0.10	21.63	0.146	33.01	-11.38
			64-QAM	39750	2506	100	0	64-QAM	39948	2525.8	100	0	21.33	0.10	21.43	0.139	33.01	-11.58
			256-QAM	39750	2506	100	0	256-QAM	39948	2525.8	100	0	20.41	0.10	20.51	0.112	33.01	-12.50

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

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7.7 Radiated Spurious Emissions

§2.1053, 27.53(a), 27.53(m)

Test Overview

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

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.8

Test Settings

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

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Test Setup

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

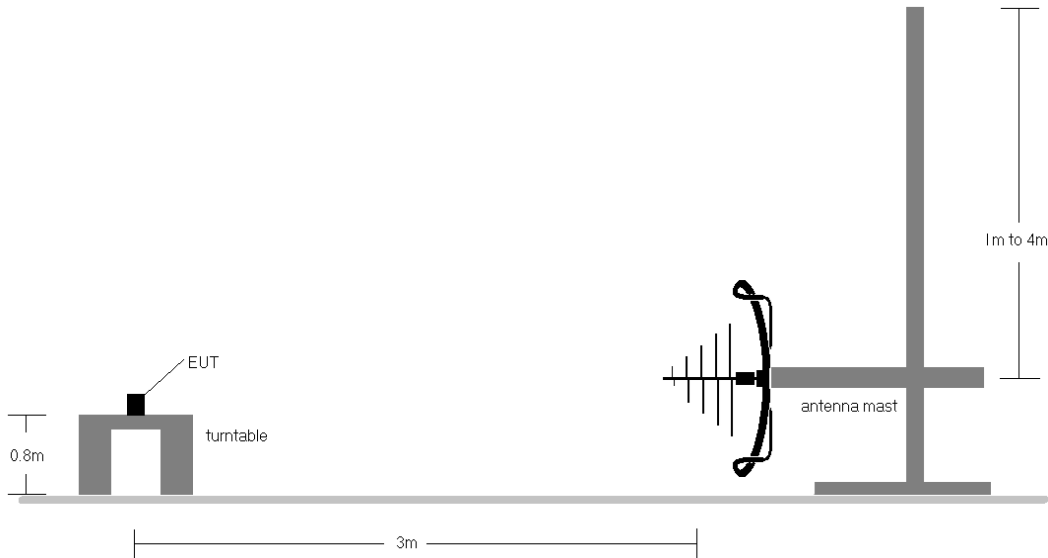


Figure 7-10. Test Instrument & Measurement Setup < 1GHz

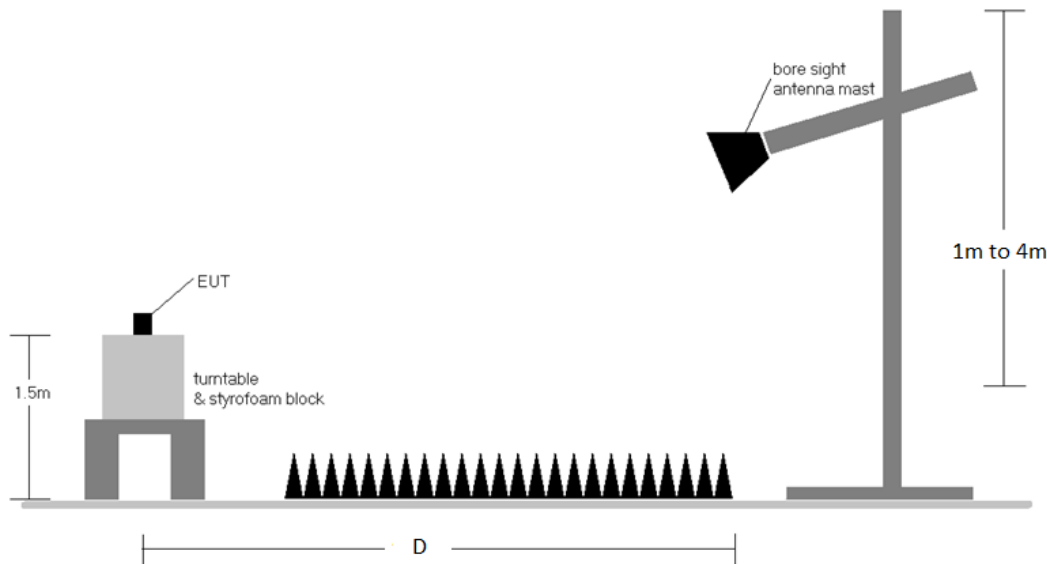


Figure 7-11. Test Instrument & Measurement Setup >1 GHz

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Test Notes

1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log D - 104.8$; 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.

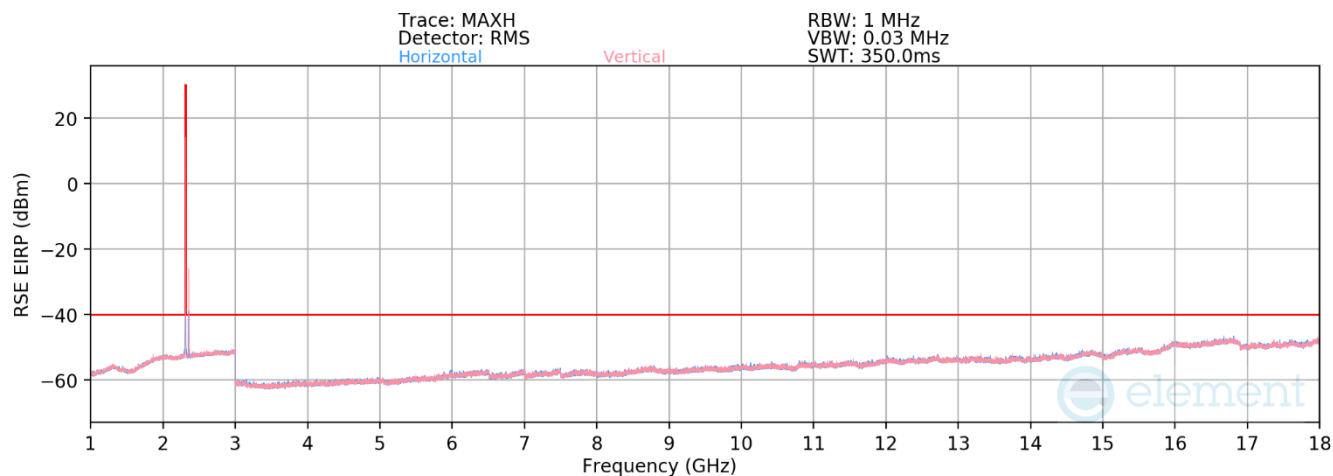
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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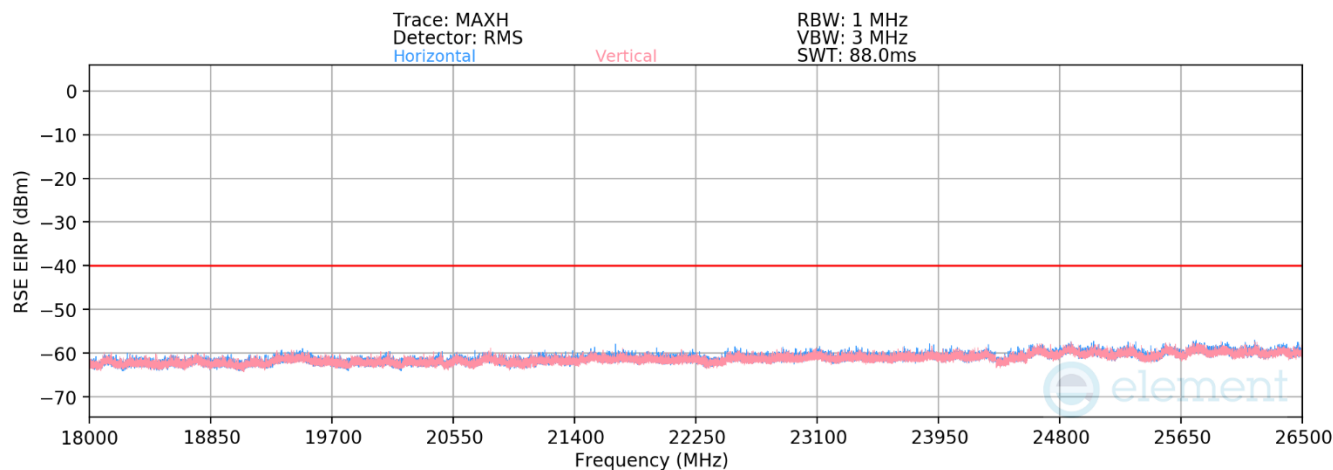
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7.7.1 Antenna 3b Radiated Spurious Emission Measurements

LTE Band 30



Plot 7-610. Antenna 3b Radiated Spurious Plot 1GHz – 18GHz (LTE Band 30)



Plot 7-611. Antenna 3b 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	H	-	-	-76.67	2.29	32.61	-62.64	-40.00	-22.64
6922.5	H	-	-	-77.73	5.49	34.76	-60.50	-40.00	-20.50
9230.0	H	-	-	-77.36	6.22	35.86	-59.40	-40.00	-19.40

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-76.98	2.65	32.67	-62.59	-40.00	-22.59
6930.0	H	-	-	-77.62	5.49	34.87	-60.39	-40.00	-20.39
9240.0	H	-	-	-77.29	6.24	35.95	-59.31	-40.00	-19.31

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

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

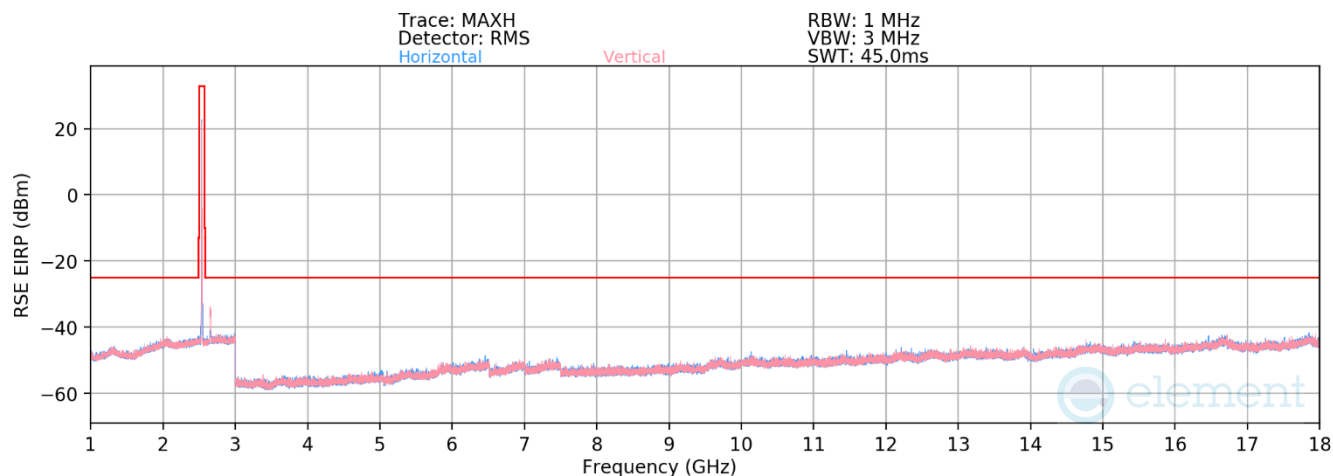
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-76.74	2.29	32.55	-62.71	-40.00	-22.71
6937.50	H	-	-	-77.07	5.25	35.18	-60.08	-40.00	-20.08
9250.00	H	-	-	-77.38	6.23	35.86	-59.40	-40.00	-19.40

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

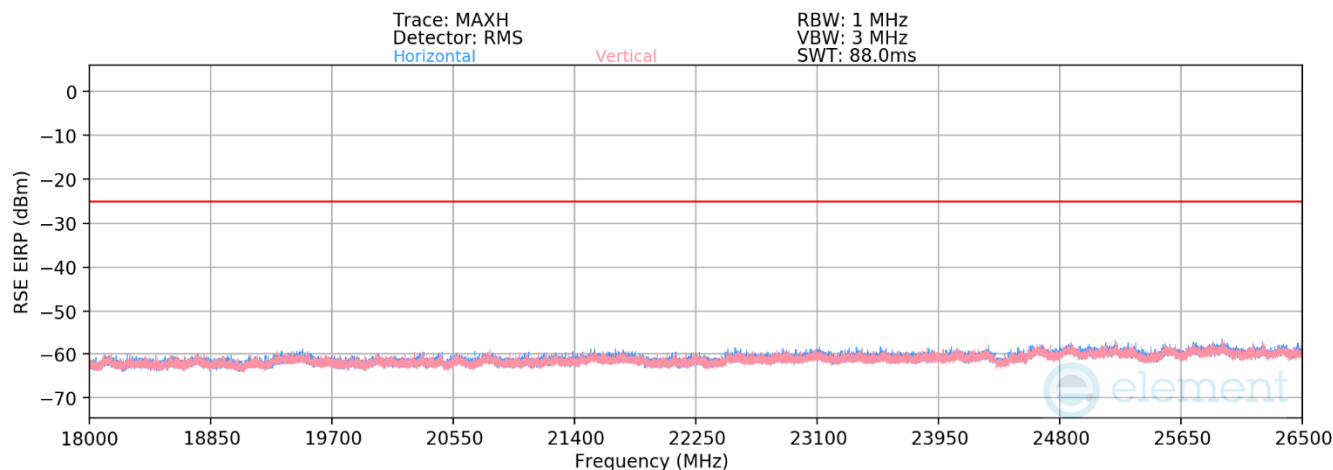
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 7



Plot 7-612. Antenna 3b Radiated Spurious Plot 1GHz – 18GHz (LTE Band 7)



Plot 7-613. Antenna 3b Radiated Spurious Emission above 18GHz (LTE Band 7)

FCC ID: BCGA2995	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 378 of 425

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.00	2.63	32.63	-62.63	-25.00	-37.63
7530.0	H	-	-	-77.68	5.61	34.93	-60.33	-25.00	-35.33
10040.0	H	-	-	-77.62	7.35	36.73	-58.53	-25.00	-33.53

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.22	2.88	32.66	-62.60	-25.00	-37.60
7605.0	H	-	-	-77.84	5.75	34.91	-60.35	-25.00	-35.35
10140.0	H	-	-	-77.88	7.63	36.75	-58.51	-25.00	-33.51

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-77.22	2.92	32.70	-62.56	-25.00	-37.56
7680.00	H	-	-	-77.69	5.73	35.03	-60.22	-25.00	-35.22
10240.00	H	-	-	-78.23	7.95	36.72	-58.53	-25.00	-33.53

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

FCC ID: BCGA2995	 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	-	-	-76.34	2.79	33.45	-61.80	-25.00	-36.80
7518.0	V	299	143	-71.97	5.40	40.43	-54.83	-25.00	-29.83
10024.0	H	-	-	-76.84	7.31	37.47	-57.79	-25.00	-32.79
12530.0	H	-	-	-78.35	11.02	39.67	-55.59	-25.00	-30.59
15036.0	H	-	-	-80.28	14.24	40.96	-54.30	-25.00	-29.30

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-76.83	3.29	33.47	-61.79	-25.00	-36.79
7779.0	H	-	-	-76.61	5.55	35.94	-59.32	-25.00	-34.32
10372.0	H	-	-	-77.38	7.95	37.57	-57.69	-25.00	-32.69

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

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

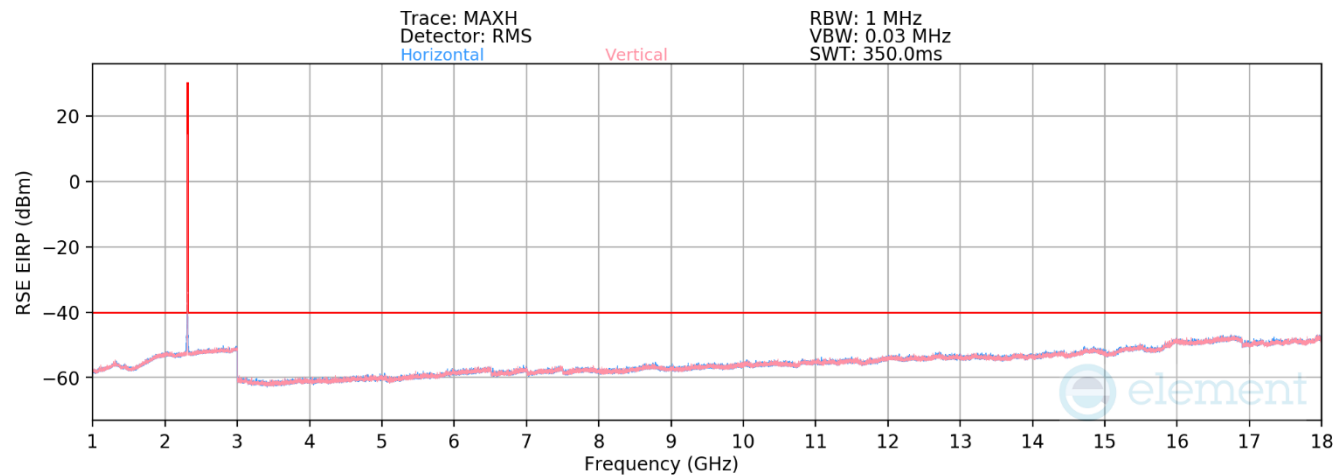
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-76.66	3.29	33.62	-61.64	-25.00	-36.64
8040.0	H	-	-	-76.36	5.54	36.18	-59.08	-25.00	-34.08
10720.0	H	-	-	-77.48	8.43	37.95	-57.30	-25.00	-32.30

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

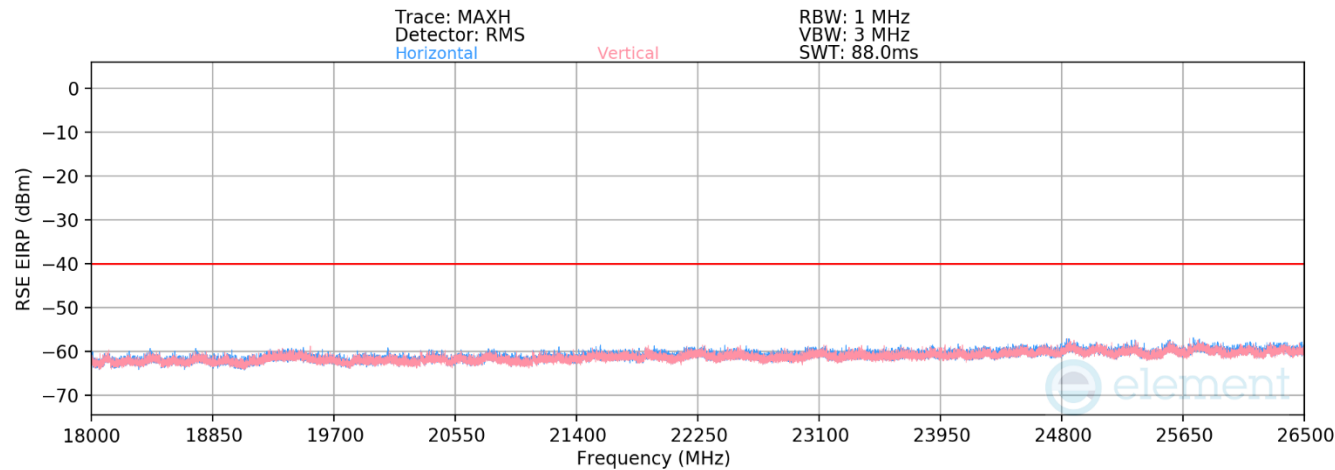
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n30



Plot 7-614. Antenna 3b Radiated Spurious Plot 1GHz – 18GHz (NR Band n30)



Plot 7-615. Antenna 3b Radiated Spurious Emission above 18GHz (NR Band n30)

FCC ID: BCGA2995	 element	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	-	-	-76.75	2.28	32.54	-62.72	-40.00	-22.72
6922.5	H	-	-	-77.93	5.49	34.56	-60.70	-40.00	-20.70
9230.0	H	-	-	-77.26	6.17	35.91	-59.35	-40.00	-19.35

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-77.03	2.65	32.62	-62.64	-40.00	-22.64
6930.0	H	-	-	-77.78	5.32	34.54	-60.72	-40.00	-20.72
9240.0	H	-	-	-77.06	6.24	36.18	-59.08	-40.00	-19.08

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

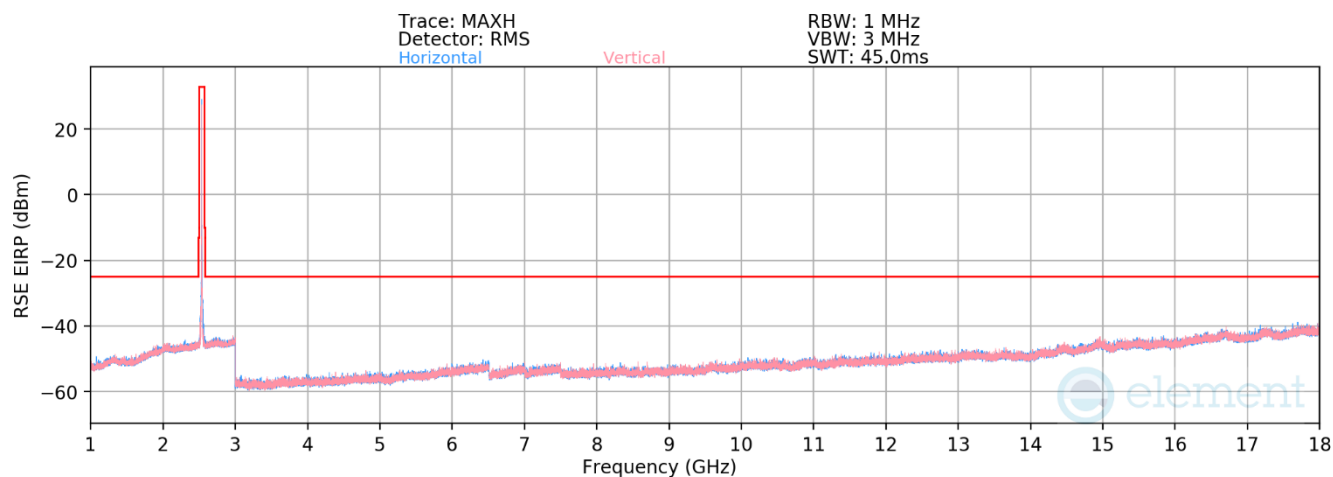
Bandwidth (MHz):	5
Frequency (MHz):	2312.5
RB / Offset:	1 / 12

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	-	-	-76.54	2.29	32.75	-62.51	-40.00	-22.51
6937.5	H	-	-	-77.61	5.43	34.82	-60.43	-40.00	-20.43
9250.0	H	-	-	-77.11	6.23	36.12	-59.14	-40.00	-19.14

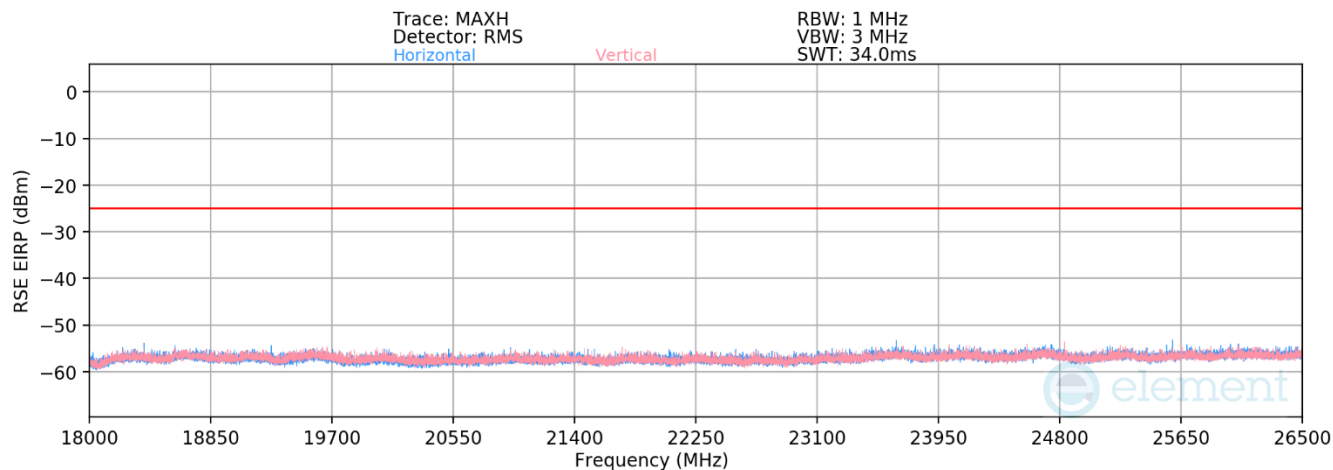
Table 7-58. Radiated Spurious Data (NR Band n30 – High Channel)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7



Plot 7-616. Antenna 3b Radiated Spurious Plot 1GHz – 18GHz (NR Band n7)



Plot 7-617. Antenna 3b Radiated Spurious Emission above 18GHz (NR Band n7)

FCC ID: BCGA2995		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 383 of 425

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5040.0	H	-	-	-76.89	2.77	32.88	-62.38	-25.00	-37.38
7560.0	H	-	-	-78.10	5.80	34.70	-60.56	-25.00	-35.56
10080.0	H	-	-	-77.56	7.55	36.99	-58.27	-25.00	-33.27

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.10	2.88	32.79	-62.47	-25.00	-37.47
7605.0	H	-	-	-78.01	5.84	34.84	-60.42	-25.00	-35.42
10140.0	H	-	-	-77.55	7.60	37.06	-58.20	-25.00	-33.20

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	H	-	-	-77.35	2.94	32.59	-62.66	-25.00	-37.66
7650.0	H	-	-	-77.93	5.74	34.81	-60.45	-25.00	-35.45
10200.0	H	-	-	-77.67	8.00	37.33	-57.93	-25.00	-32.93

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

FCC ID: BCGA2995	 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	-	-	-76.69	2.95	33.26	-61.99	-25.00	-36.99
7638.0	H	-	-	-77.32	5.82	35.50	-59.75	-25.00	-34.75
10184.0	H	-	-	-76.95	7.69	37.74	-57.51	-25.00	-32.51

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-76.57	3.17	33.60	-61.66	-25.00	-36.66
7779.0	H	-	-	-76.56	5.45	35.88	-59.37	-25.00	-34.37
10372.0	H	-	-	-77.27	7.90	37.63	-57.63	-25.00	-32.63

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

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

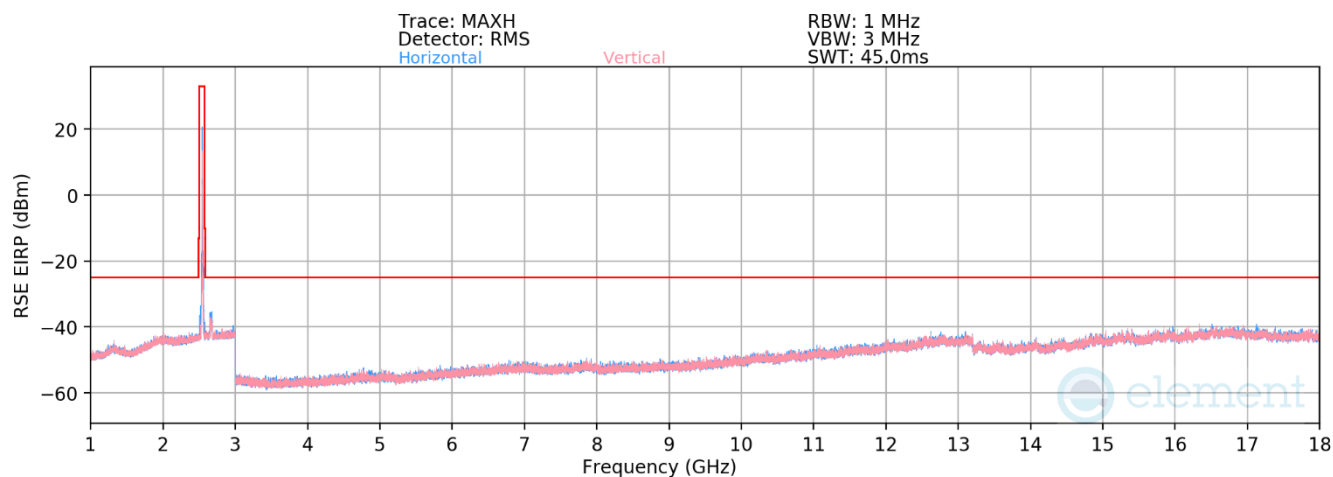
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-76.77	3.23	33.46	-61.80	-25.00	-36.80
7920.0	H	-	-	-76.56	5.39	35.83	-59.43	-25.00	-34.43
10560.0	H	-	-	-77.48	8.31	37.83	-57.43	-25.00	-32.43

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

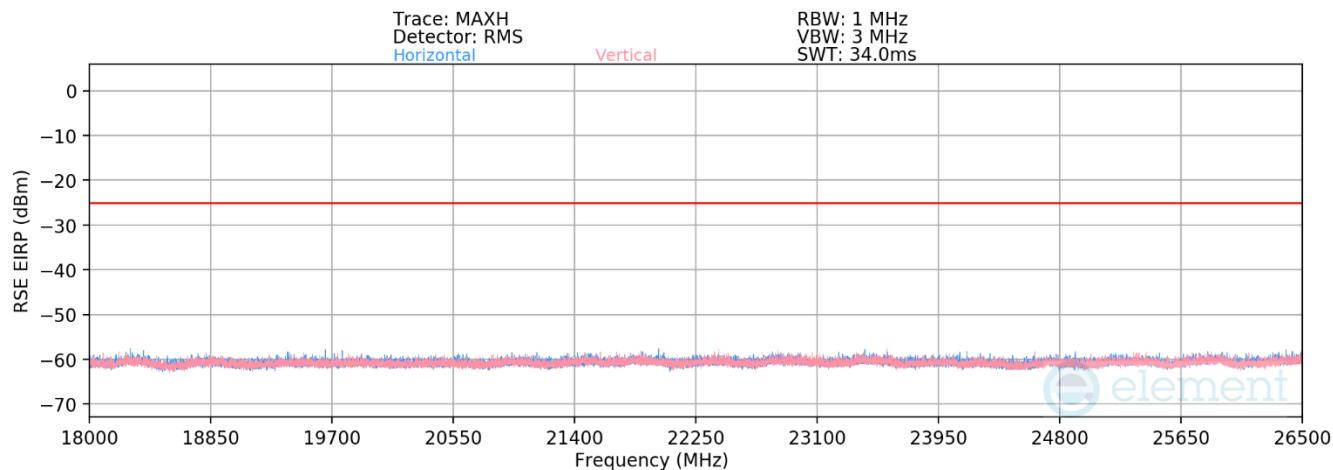
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 7



Plot 7-618. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 7)



Plot 7-619. Antenna 4 Radiated Spurious Emission above 18GHz (ULCA LTE Band 7)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 386 of 425

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-80.50	7.30	33.81	-61.45	-25.00	-36.45
7530.0	H	-	-	-81.94	10.81	35.87	-59.39	-25.00	-34.39
10040.0	H	-	-	-82.22	14.07	38.85	-56.41	-25.00	-31.41

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.78	7.44	33.66	-61.60	-25.00	-36.60
7605.0	H	-	-	-81.77	10.69	35.93	-59.33	-25.00	-34.33
10140.0	H	-	-	-82.15	14.70	39.55	-55.71	-25.00	-30.71

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-80.63	7.48	33.85	-61.41	-25.00	-36.41
7680.0	H	-	-	-81.63	10.64	36.02	-59.24	-25.00	-34.24
10240.0	H	-	-	-82.24	14.70	39.46	-55.80	-25.00	-30.80

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

FCC ID: BCGA2995	 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	-	-	-80.00	7.44	34.44	-60.82	-25.00	-35.82
7518.0	H	-	-	-81.21	10.74	36.53	-58.72	-25.00	-33.72
10024.0	H	-	-	-81.68	14.07	39.39	-55.86	-25.00	-30.86

Table 7-68. 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	-	-	-80.31	7.71	34.40	-60.86	-25.00	-35.86
7779.0	H	-	-	-80.72	11.04	37.32	-57.93	-25.00	-32.93
10372.0	H	-	-	-81.69	14.57	39.87	-55.38	-25.00	-30.38

Table 7-69. 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	-	-	-79.81	7.86	35.05	-60.21	-25.00	-35.21
8040.0	H	-	-	-80.84	10.94	37.10	-58.16	-25.00	-33.16
10720.0	H	-	-	-81.94	15.58	40.64	-54.62	-25.00	-29.62

Table 7-70. Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

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7.7.2 Antenna 1b Radiated Spurious Emission Measurements

LTE Band 30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-76.71	2.29	32.58	-62.68	-40.00	-22.68
6922.5	H	-	-	-77.65	5.32	34.67	-60.59	-40.00	-20.59
9230.0	H	-	-	-77.15	6.23	36.08	-59.18	-40.00	-19.18

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-76.76	2.29	32.52	-62.74	-40.00	-22.74
6930.0	H	-	-	-77.83	5.49	34.66	-60.59	-40.00	-20.59
9240.0	H	-	-	-77.29	6.23	35.94	-59.32	-40.00	-19.32

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-76.70	2.29	32.59	-62.67	-40.00	-22.67
6937.50	H	-	-	-77.61	5.32	34.71	-60.55	-40.00	-20.55
9250.00	H	-	-	-77.20	6.22	36.03	-59.23	-40.00	-19.23

Table 7-73. 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	-	-	-77.14	2.79	32.66	-62.60	-25.00	-37.60
7530.0	H	-	-	-77.73	5.61	34.88	-60.38	-25.00	-35.38
10040.0	H	-	-	-77.66	7.67	37.01	-58.25	-25.00	-33.25

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-76.95	2.88	32.93	-62.33	-25.00	-37.33
7605.0	H	-	-	-78.14	5.80	34.66	-60.60	-25.00	-35.60
10140.0	H	-	-	-77.64	7.54	36.89	-58.37	-25.00	-33.37

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-77.21	2.79	32.59	-62.67	-25.00	-37.67
7680.00	H	-	-	-77.51	5.73	35.21	-60.04	-25.00	-35.04
10240.00	H	-	-	-78.30	8.09	36.78	-58.48	-25.00	-33.48

Table 7-76. 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	-	-	-76.29	2.49	33.20	-62.05	-25.00	-37.05
7518.0	H	-	-	-76.77	5.62	35.84	-59.42	-25.00	-34.42
10024.0	H	-	-	-76.48	7.31	37.84	-57.42	-25.00	-32.42

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-76.78	3.23	33.45	-61.81	-25.00	-36.81
7779.0	V	270	282	-73.86	5.55	38.70	-56.56	-25.00	-31.56
10372.0	V	-	-	-77.14	7.95	37.81	-57.45	-25.00	-32.45
12965.0	V	-	-	-79.13	12.42	40.29	-54.97	-25.00	-29.97
15558.0	V	-	-	-80.28	15.85	42.56	-52.69	-25.00	-27.69

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-76.52	3.29	33.77	-61.49	-25.00	-36.49
8040.0	H	112	321	-72.21	5.54	40.33	-54.93	-25.00	-29.93
10720.0	H	-	-	-77.38	8.29	37.91	-57.35	-25.00	-32.35
13400.0	H	-	-	-79.25	12.25	40.00	-55.26	-25.00	-30.26
16080.0	H	-	-	-80.28	17.03	43.75	-51.50	-25.00	-26.50

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

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NR Band n30

Frequency [MHz]	Ant. Pol. [H/V]	Antenna 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	-	-	-76.66	2.29	32.62	-62.63	-40.00	-22.63
6922.5	H	-	-	-77.58	5.32	34.74	-60.52	-40.00	-20.52
9230.0	H	-	-	-77.21	6.17	35.96	-59.30	-40.00	-19.30

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-76.70	2.29	32.58	-62.67	-40.00	-22.67
6930.0	H	-	-	-77.70	5.43	34.73	-60.53	-40.00	-20.53
9240.0	H	-	-	-77.12	6.23	36.11	-59.14	-40.00	-19.14

Table 7-81. 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	-	-	-76.54	2.29	32.75	-62.51	-40.00	-22.51
6937.5	H	-	-	-77.44	5.43	34.99	-60.26	-40.00	-20.26
9250.0	H	-	-	-77.15	6.19	36.04	-59.22	-40.00	-19.22

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

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NR Band n7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5040.0	H	-	-	-77.01	2.77	32.76	-62.50	-25.00	-37.50
7560.0	H	-	-	-78.08	5.80	34.72	-60.54	-25.00	-35.54
10080.0	H	-	-	-77.65	7.67	37.02	-58.23	-25.00	-33.23

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.08	2.88	32.80	-62.45	-25.00	-37.45
7605.0	H	-	-	-77.94	5.84	34.90	-60.35	-25.00	-35.35
10140.0	H	-	-	-77.39	7.60	37.22	-58.04	-25.00	-33.04

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	H	-	-	-77.43	2.94	32.51	-62.75	-25.00	-37.75
7650.0	H	-	-	-77.89	5.84	34.94	-60.32	-25.00	-35.32
10200.0	H	-	-	-78.17	8.00	36.83	-58.42	-25.00	-33.42

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

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NR Band n41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-76.54	2.80	33.26	-62.00	-25.00	-37.00
7638.0	H	-	-	-77.03	5.75	35.72	-59.54	-25.00	-34.54
10184.0	H	-	-	-76.67	7.69	38.03	-57.23	-25.00	-32.23

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-76.60	3.23	33.63	-61.63	-25.00	-36.63
7779.0	H	-	-	-76.58	5.55	35.97	-59.28	-25.00	-34.28
10372.0	H	-	-	-77.05	7.95	37.90	-57.36	-25.00	-32.36

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	-	-	-76.55	3.23	33.67	-61.59	-25.00	-36.59
7920.0	H	-	-	-76.31	5.39	36.07	-59.19	-25.00	-34.19
10560.0	H	-	-	-77.55	8.31	37.77	-57.49	-25.00	-32.49

Table 7-88. 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	-	-	-80.43	7.44	34.00	-61.25	-25.00	-36.25
7530.0	H	-	-	-81.73	10.83	36.09	-59.16	-25.00	-34.16
10040.0	H	-	-	-82.33	14.07	38.74	-56.51	-25.00	-31.51

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.61	7.40	33.78	-61.47	-25.00	-36.47
7605.0	H	-	-	-81.76	10.69	35.93	-59.33	-25.00	-34.33
10140.0	H	-	-	-82.07	14.76	39.69	-55.57	-25.00	-30.57

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-80.78	7.48	33.70	-61.56	-25.00	-36.56
7680.0	H	-	-	-81.68	10.76	36.08	-59.18	-25.00	-34.18
10240.0	H	-	-	-82.19	14.70	39.51	-55.75	-25.00	-30.75

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

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ULCA - LTE Band 41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-79.82	7.30	34.49	-60.77	-25.00	-35.77
7518.0	H	-	-	-81.23	10.83	36.60	-58.66	-25.00	-33.66
10024.0	H	-	-	-81.78	14.07	39.30	-55.96	-25.00	-30.96

Table 7-92. 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	-	-	-80.34	7.73	34.39	-60.87	-25.00	-35.87
7779.0	H	-	-	-80.96	11.04	37.08	-58.18	-25.00	-33.18
10372.0	H	-	-	-81.67	14.57	39.89	-55.36	-25.00	-30.36

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-80.29	8.27	34.98	-60.28	-25.00	-35.28
8040.0	H	-	-	-80.89	10.94	37.05	-58.21	-25.00	-33.21
10720.0	H	-	-	-81.97	15.50	40.52	-54.74	-25.00	-29.74

Table 7-94. Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

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7.7.3 Antenna 4 Radiated Spurious Emission Measurements

LTE Band 30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-76.54	2.29	32.75	-62.51	-40.00	-22.51
6922.5	H	-	-	-77.89	5.49	34.60	-60.66	-40.00	-20.66
9230.0	H	-	-	-76.98	6.24	36.26	-59.00	-40.00	-19.00

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-76.20	2.29	33.08	-62.17	-40.00	-22.17
6930.0	H	-	-	-77.63	5.43	34.80	-60.46	-40.00	-20.46
9240.0	H	-	-	-77.11	6.17	36.06	-59.20	-40.00	-19.20

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-76.55	2.29	32.74	-62.52	-40.00	-22.52
6937.50	H	-	-	-77.48	5.43	34.95	-60.31	-40.00	-20.31
9250.00	H	-	-	-77.00	6.19	36.18	-59.08	-40.00	-19.08

Table 7-97. 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	-	-	-76.90	2.63	32.72	-62.53	-25.00	-37.53
7530.0	H	-	-	-77.58	5.48	34.90	-60.36	-25.00	-35.36
10040.0	H	-	-	-77.32	7.28	36.96	-58.30	-25.00	-33.30

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-77.28	2.95	32.67	-62.58	-25.00	-37.58
7605.0	H	-	-	-77.86	5.83	34.96	-60.29	-25.00	-35.29
10140.0	H	-	-	-77.56	7.54	36.98	-58.28	-25.00	-33.28

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	H	-	-	-77.21	2.92	32.71	-62.55	-25.00	-37.55
7680.00	H	-	-	-77.50	5.67	35.16	-60.10	-25.00	-35.10
10240.00	H	-	-	-78.30	8.09	36.79	-58.47	-25.00	-33.47

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

FCC ID: BCGA2995	 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	-	-	-76.19	2.49	33.30	-61.95	-25.00	-36.95
7518.0	H	-	-	-76.74	5.61	35.87	-59.38	-25.00	-34.38
10024.0	H	-	-	-76.76	7.31	37.55	-57.71	-25.00	-32.71

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	-	-	-76.75	3.23	33.48	-61.78	-25.00	-36.78
7779.0	H	-	-	-76.57	5.45	35.88	-59.38	-25.00	-34.38
10372.0	H	-	-	-77.30	7.99	37.69	-57.57	-25.00	-32.57

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-76.39	3.29	33.90	-61.36	-25.00	-36.36
8040.0	H	-	-	-76.68	5.46	35.78	-59.48	-25.00	-34.48
10720.0	H	-	-	-77.51	8.43	37.93	-57.33	-25.00	-32.33

Table 7-103. 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	-	-	-76.52	2.29	32.77	-62.49	-40.00	-22.49
6922.5	H	-	-	-77.73	5.49	34.76	-60.50	-40.00	-20.50
9230.0	H	-	-	-76.99	6.17	36.18	-59.07	-40.00	-19.07

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	H	-	-	-76.37	2.29	32.91	-62.35	-40.00	-22.35
6930.0	H	-	-	-77.65	5.32	34.67	-60.58	-40.00	-20.58
9240.0	H	-	-	-77.37	6.22	35.86	-59.40	-40.00	-19.40

Table 7-105. 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	-	-	-76.50	2.29	32.78	-62.48	-40.00	-22.48
6937.5	H	-	-	-77.64	5.43	34.79	-60.47	-40.00	-20.47
9250.0	H	-	-	-77.04	6.22	36.18	-59.08	-40.00	-19.08

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5040.0	H	-	-	-76.79	2.88	33.10	-62.16	-25.00	-37.16
7560.0	H	-	-	-77.67	5.55	34.88	-60.38	-25.00	-35.38
10080.0	H	-	-	-77.45	7.67	37.22	-58.03	-25.00	-33.03

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-76.89	2.88	32.99	-62.26	-25.00	-37.26
7605.0	H	-	-	-77.83	5.84	35.01	-60.25	-25.00	-35.25
10140.0	H	-	-	-77.41	7.54	37.13	-58.13	-25.00	-33.13

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	H	-	-	-77.21	2.79	32.58	-62.67	-25.00	-37.67
7650.0	H	-	-	-77.71	5.84	35.12	-60.14	-25.00	-35.14
10200.0	H	-	-	-78.03	8.00	36.97	-58.29	-25.00	-33.29

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	V	-	-	-76.76	2.95	33.19	-62.06	-25.00	-37.06
7638.0	V	-	-	-76.85	5.84	35.99	-59.27	-25.00	-34.27
10184.0	V	-	-	-76.96	7.69	37.74	-57.52	-25.00	-32.52

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	-	-	-76.71	3.23	33.52	-61.74	-25.00	-36.74
7779.0	V	-	-	-76.57	5.55	35.98	-59.27	-25.00	-34.27
10372.0	V	-	-	-77.08	7.99	37.91	-57.35	-25.00	-32.35

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	V	-	-	-76.63	3.23	33.60	-61.66	-25.00	-36.66
7920.0	V	249	195	-73.23	5.39	39.16	-56.10	-25.00	-31.10
10560.0	V	-	-	-77.49	8.31	37.83	-57.43	-25.00	-32.43
13200.0	H	-	-	-79.02	12.29	40.27	-54.99	-25.00	-29.99
15840.0	V	-	-	-80.14	16.25	43.11	-52.14	-25.00	-27.14

Table 7-112. 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	-	-	-80.40	7.30	33.91	-61.35	-25.00	-36.35
7530.0	H	-	-	-81.86	10.83	35.97	-59.29	-25.00	-34.29
10040.0	H	-	-	-82.21	14.07	38.86	-56.39	-25.00	-31.39

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	H	-	-	-80.48	7.44	33.97	-61.29	-25.00	-36.29
7605.0	H	-	-	-81.55	10.69	36.14	-59.11	-25.00	-34.11
10140.0	H	-	-	-82.64	14.99	39.35	-55.91	-25.00	-30.91

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	H	-	-	-80.53	7.44	33.92	-61.34	-25.00	-36.34
7680.0	H	-	-	-81.67	10.69	36.02	-59.24	-25.00	-34.24
10240.0	H	-	-	-82.23	14.70	39.47	-55.78	-25.00	-30.78

Table 7-115. 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	-	-	-80.14	7.44	34.30	-60.96	-25.00	-35.96
7518.0	H	-	-	-81.20	10.74	36.54	-58.72	-25.00	-33.72
10024.0	H	-	-	-81.77	14.07	39.30	-55.95	-25.00	-30.95

Table 7-116. 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	-	-	-80.37	7.73	34.36	-60.90	-25.00	-35.90
7779.0	H	-	-	-80.97	11.04	37.07	-58.19	-25.00	-33.19
10372.0	H	-	-	-81.73	15.09	40.36	-54.90	-25.00	-29.90

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	-	-	-80.40	8.27	34.87	-60.39	-25.00	-35.39
8040.0	H	-	-	-80.84	10.86	37.02	-58.24	-25.00	-33.24
10720.0	H	-	-	-82.13	15.58	40.45	-54.81	-25.00	-29.81

Table 7-118. Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

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7.7.4 Antenna 2 Radiated Spurious Emission Measurements

LTE Band 30

Bandwidth (MHz):	5
Frequency (MHz):	2307.5
RB / Offset:	1 / 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	-	-	-76.65	2.29	32.63	-62.62	-40.00	-22.62
6922.5	V	-	-	-77.68	5.25	34.57	-60.69	-40.00	-20.69
9230.0	V	-	-	-76.86	6.17	36.31	-58.95	-40.00	-18.95

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-76.59	2.29	32.69	-62.56	-40.00	-22.56
6930.0	V	-	-	-77.72	5.25	34.53	-60.72	-40.00	-20.72
9240.0	V	-	-	-77.32	6.23	35.91	-59.35	-40.00	-19.35

Table 7-120. 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	-	-	-76.38	2.29	32.91	-62.35	-40.00	-22.35
6937.50	V	-	-	-77.50	5.43	34.93	-60.33	-40.00	-20.33
9250.00	V	-	-	-77.27	6.19	35.92	-59.34	-40.00	-19.34

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 405 of 425

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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	-	-	-76.79	2.77	32.98	-62.28	-25.00	-37.28
7530.0	V	-	-	-77.76	5.61	34.85	-60.40	-25.00	-35.40
10040.0	V	-	-	-77.87	7.67	36.79	-58.46	-25.00	-33.46

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-77.12	2.88	32.77	-62.49	-25.00	-37.49
7605.0	V	-	-	-77.91	5.75	34.83	-60.42	-25.00	-35.42
10140.0	V	-	-	-77.43	7.54	37.11	-58.15	-25.00	-33.15

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

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

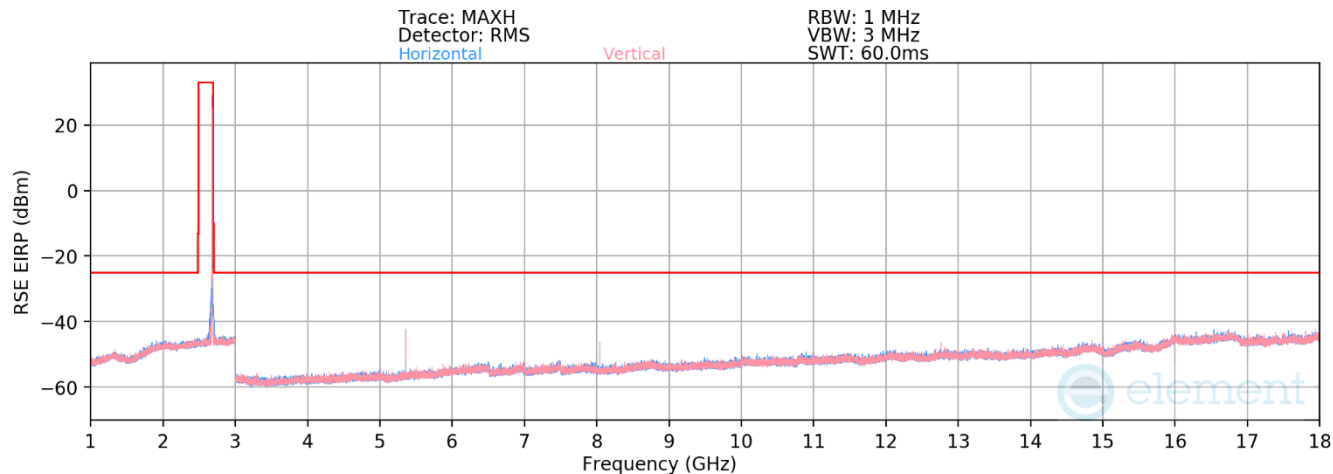
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.00	V	-	-	-77.46	2.94	32.48	-62.77	-25.00	-37.77
7680.00	V	-	-	-77.72	5.73	35.01	-60.25	-25.00	-35.25
10240.00	V	-	-	-78.30	8.02	36.72	-58.54	-25.00	-33.54

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

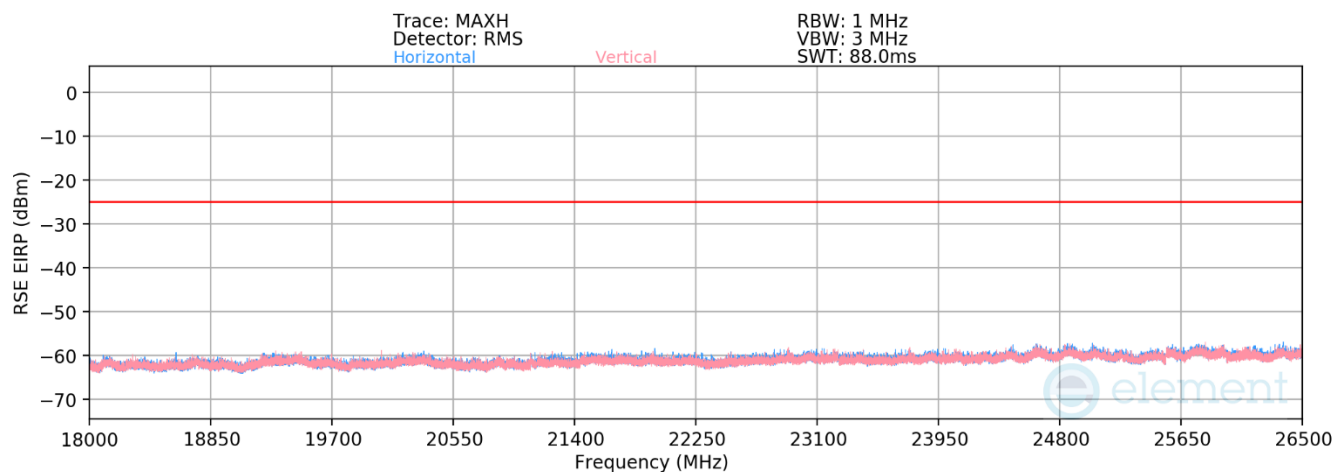
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 406 of 425

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LTE Band 41



Plot 7-620. Antenna 2 Radiated Spurious Plot 1GHz – 18GHz (LTE Band 41)



Plot 7-621. Antenna 2 Radiated Spurious Emission above 18GHz (LTE Band 41)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 407 of 425

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-75.01	2.79	34.78	-60.48	-25.00	-35.48
7518.0	V	246	345	-75.07	5.40	37.32	-57.93	-25.00	-32.93
10024.0	V	-	-	-77.09	7.48	37.39	-57.87	-25.00	-32.87
12530.0	V	-	-	-78.32	11.14	39.82	-55.44	-25.00	-30.44
15036.0	V	-	-	-80.11	14.24	41.12	-54.13	-25.00	-29.13

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	H	101	339	-62.60	3.17	47.57	-47.68	-25.00	-22.68
7779.0	V	295	6	-71.45	5.55	41.11	-54.15	-25.00	-29.15
10372.0	V	-	-	-77.43	7.99	37.55	-57.70	-25.00	-32.70
12965.0	V	-	-	-79.13	12.34	40.21	-55.05	-25.00	-30.05
15558.0	V	-	-	-80.64	15.85	42.21	-53.05	-25.00	-28.05

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	H	100	339	-60.51	3.26	49.75	-45.51	-25.00	-20.51
8040.0	V	299	344	-67.01	5.54	45.53	-49.73	-25.00	-24.73
10720.0	V	-	-	-77.75	8.43	37.69	-57.57	-25.00	-32.57
13400.0	V	-	-	-79.10	12.25	40.14	-55.11	-25.00	-30.11
16080.0	V	-	-	-80.52	17.20	43.69	-51.57	-25.00	-26.57

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device	Page 408 of 425

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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	-	-	-76.45	2.29	32.84	-62.42	-40.00	-22.42
6922.5	V	-	-	-77.75	5.49	34.74	-60.51	-40.00	-20.51
9230.0	V	-	-	-77.07	6.17	36.10	-59.16	-40.00	-19.16

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.0	V	-	-	-76.34	2.29	32.94	-62.31	-40.00	-22.31
6930.0	V	-	-	-77.37	5.32	34.95	-60.31	-40.00	-20.31
9240.0	V	-	-	-77.12	6.17	36.05	-59.21	-40.00	-19.21

Table 7-129. 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	-	-	-76.49	2.29	32.79	-62.47	-40.00	-22.47
6937.5	V	-	-	-77.45	5.25	34.80	-60.46	-40.00	-20.46
9250.0	V	-	-	-77.20	6.23	36.04	-59.22	-40.00	-19.22

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

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5040.0	V	-	-	-77.06	2.88	32.82	-62.44	-25.00	-37.44
7560.0	V	-	-	-77.64	5.55	34.91	-60.35	-25.00	-35.35
10080.0	V	-	-	-77.64	7.67	37.03	-58.23	-25.00	-33.23

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-76.75	2.88	33.13	-62.13	-25.00	-37.13
7605.0	V	-	-	-77.87	5.84	34.97	-60.29	-25.00	-35.29
10140.0	V	-	-	-77.38	7.63	37.25	-58.00	-25.00	-33.00

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

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

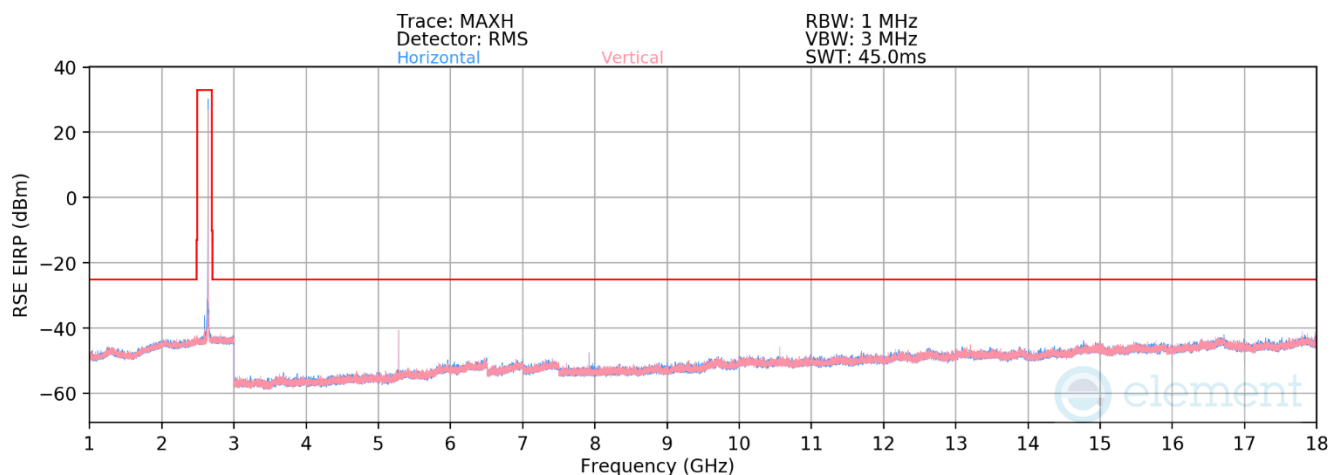
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	V	-	-	-77.02	2.80	32.78	-62.48	-25.00	-37.48
7650.0	V	-	-	-77.79	5.84	35.05	-60.21	-25.00	-35.21
10200.0	V	-	-	-77.70	7.69	37.00	-58.26	-25.00	-33.26

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

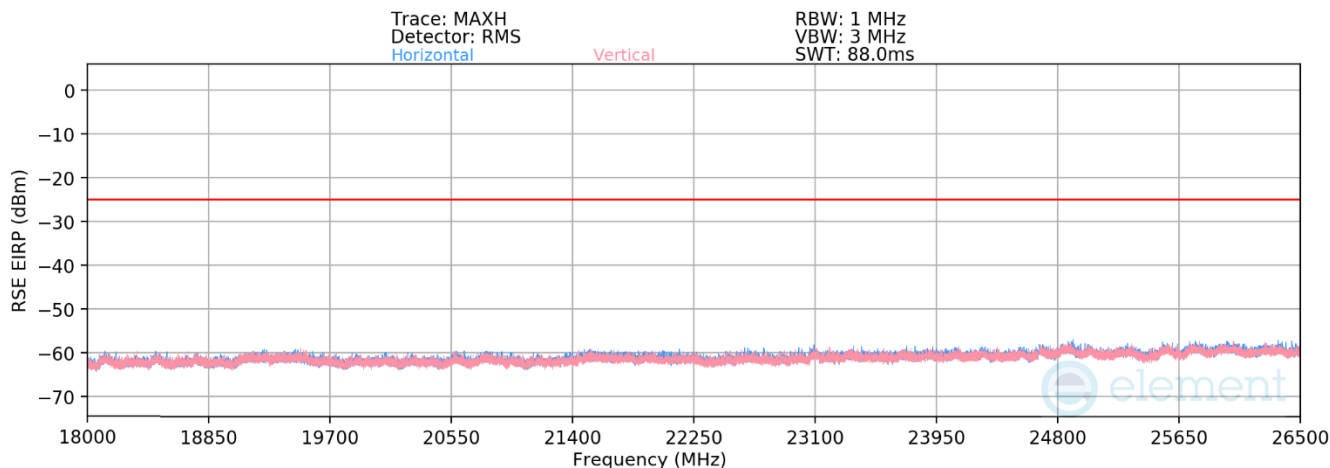
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41



Plot 7-622. Antenna 2 Radiated Spurious Plot 1GHz – 18GHz (NR Band n41)



Plot 7-623. Antenna 2 Radiated Spurious Emission above 18GHz (NR Band n41)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device
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Bandwidth (MHz):	100
Frequency (MHz):	2546.0
RB / Offset:	1 / 136

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	V	265	26	-64.06	2.80	45.74	-49.52	-25.00	-24.52
7638.0	V	253	16	-72.39	5.84	40.44	-54.81	-25.00	-29.81
10184.0	H	-	-	-77.15	8.00	37.85	-57.41	-25.00	-32.41
12730.0	H	-	-	-78.14	11.98	40.83	-54.42	-25.00	-29.42
15276.0	H	-	-	-79.82	15.26	42.44	-52.82	-25.00	-27.82

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.0	V	311	16	-59.30	3.17	50.88	-44.38	-25.00	-19.38
7779.0	V	253	15	-68.78	5.55	43.77	-51.49	-25.00	-26.49
10372.0	H	-	-	-77.39	7.99	37.60	-57.66	-25.00	-32.66
12965.0	H	-	-	-79.00	12.34	40.34	-54.92	-25.00	-29.92
15558.0	H	-	-	-80.56	15.85	42.29	-52.97	-25.00	-27.97

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	H	101	338	-56.45	3.28	53.84	-41.42	-25.00	-16.42
7920.0	V	272	15	-66.21	5.39	46.17	-49.08	-25.00	-24.08
10560.0	V	231	46	-72.78	8.34	42.56	-52.70	-25.00	-27.70
13200.0	V	227	345	-77.44	12.29	41.85	-53.41	-25.00	-28.41
15840.0	V	-	-	-79.94	16.09	43.15	-52.11	-25.00	-27.11

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

FCC ID: BCGA2995	 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	V	-	-	-80.46	7.44	33.97	-61.28	-25.00	-36.28
7530.0	V	-	-	-81.99	11.04	36.05	-59.21	-25.00	-34.21
10040.0	V	-	-	-82.25	14.30	39.05	-56.21	-25.00	-31.21

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5070.0	V	-	-	-80.27	7.35	34.08	-61.17	-25.00	-36.17
7605.0	V	-	-	-81.69	10.75	36.07	-59.19	-25.00	-34.19
10140.0	V	-	-	-82.44	14.99	39.55	-55.71	-25.00	-30.71

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

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

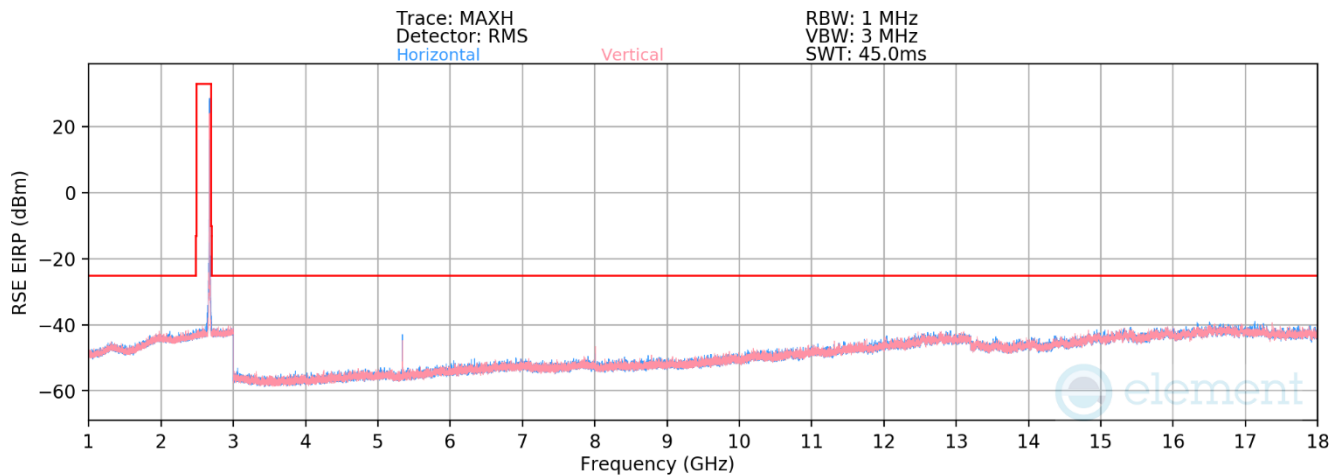
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	V	-	-	-80.15	7.40	34.24	-61.02	-25.00	-36.02
7680.0	V	-	-	-81.62	10.75	36.13	-59.12	-25.00	-34.12
10240.0	V	-	-	-82.81	15.34	39.53	-55.73	-25.00	-30.73

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

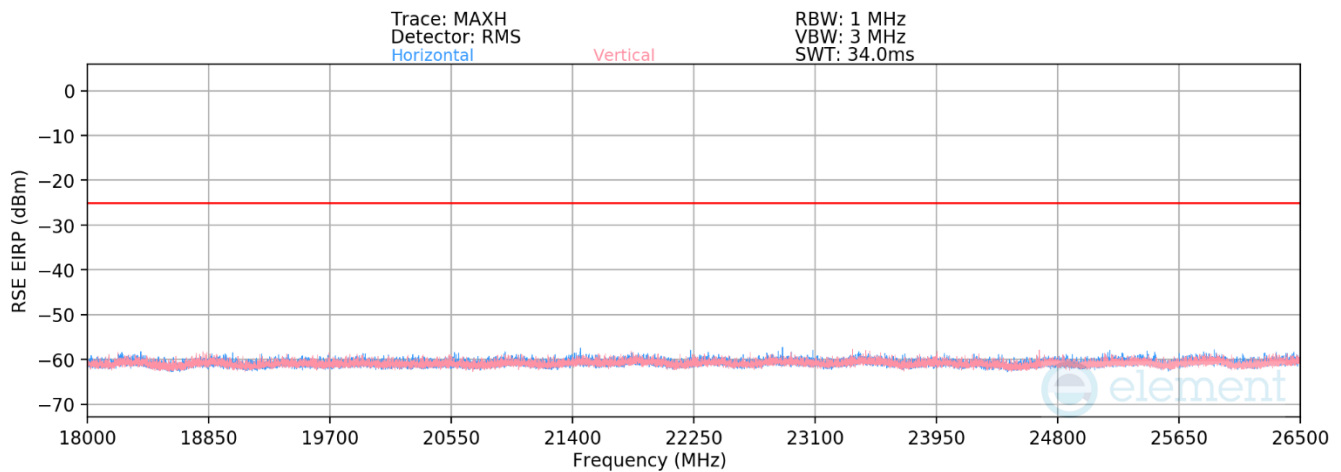
FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41



Plot 7-624. Antenna 2 Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 41)



Plot 7-625. Antenna 2 Radiated Spurious Emission above 18GHz (ULCA LTE Band 41)

FCC ID: BCGA2995	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2405200018-10-R4.BCG	Test Dates: 4/18/2024 - 6/24/2024	EUT Type: Tablet Device
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PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-79.37	7.44	35.07	-60.19	-25.00	-35.19
7518.0	V	-	-	-81.42	10.85	36.43	-58.83	-25.00	-33.83
10024.0	V	-	-	-81.97	14.07	39.11	-56.15	-25.00	-31.15

Table 7-140. 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	105	331	-68.14	7.76	46.62	-48.64	-25.00	-23.64
7779.0	V	-	-	-79.28	11.05	38.76	-56.49	-25.00	-31.49
10372.0	V	-	-	-82.20	15.09	39.89	-55.37	-25.00	-30.37
12965.0	V	-	-	-83.42	19.79	43.37	-51.89	-25.00	-26.89

Table 7-141. 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	127	347	-63.41	8.37	51.96	-43.30	-25.00	-18.30
8040.0	V	248	354	-71.35	10.80	46.45	-48.80	-25.00	-23.80
10720.0	V	-	-	-82.63	15.62	39.99	-55.26	-25.00	-30.26
13400.0	V	-	-	-83.23	19.17	42.94	-52.32	-25.00	-27.32
16080.0	V	-	-	-84.39	23.93	46.54	-48.71	-25.00	-23.71

Table 7-142. Radiated Spurious Data (ULCA LTE Band 41 – High Channel)

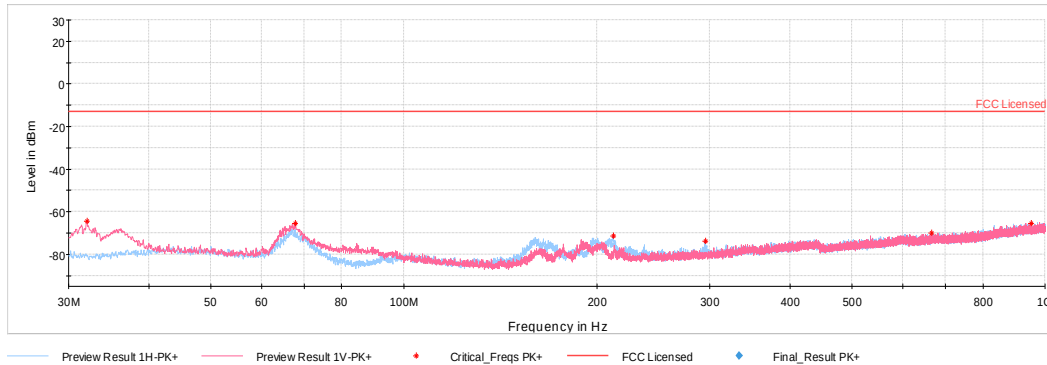
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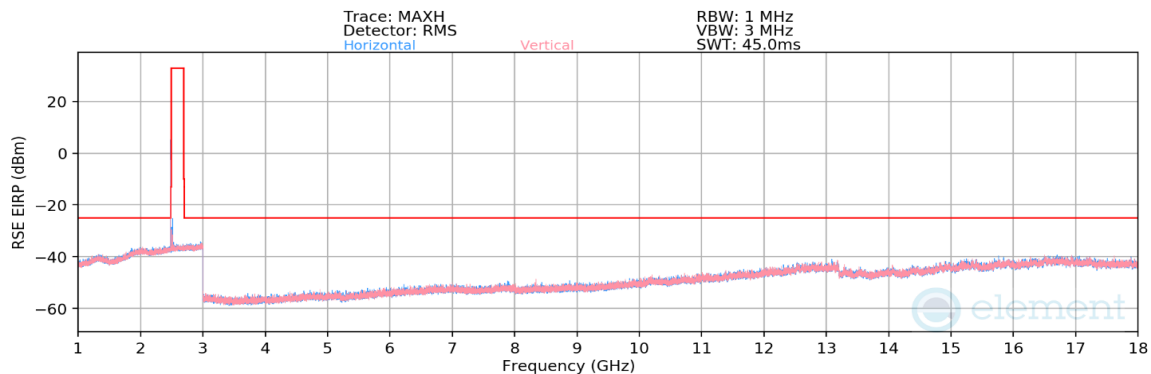
7.7.5 Simultaneous Tx Radiated Spurious Emissions Measurements

Description	FR1 N41	Bluetooth
Antenna	Antenna 4	Antenna 4
Channel	501204	78
Operating Frequency (MHz)	2506	2480
Mode/Modulation	QPSK/1RB/20MHz	GFSK iPa

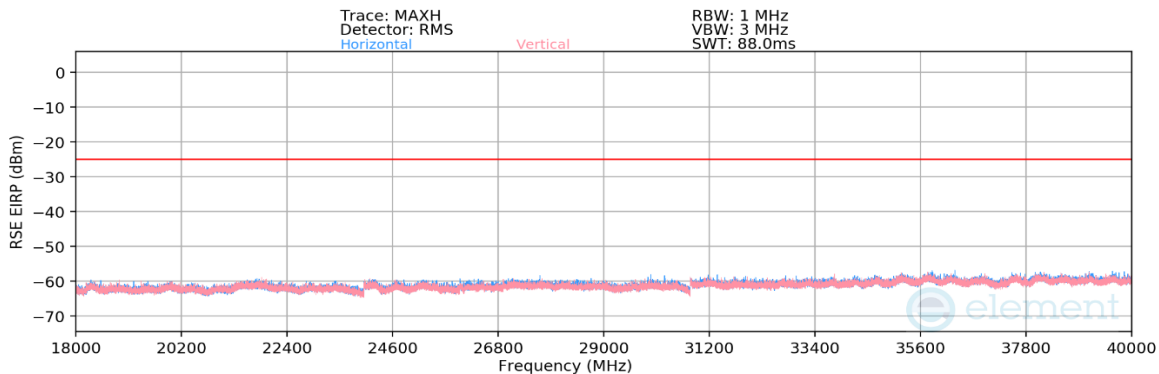
Table 7-143. Worst Case Simultaneous Transmission Configuration



Plot 7-626. Radiated Spurious Emissions - Simultaneous Transmission 30MHz – 1GHz



Plot 7-627. Radiated Spurious Emissions - Simultaneous Transmission 1GHz – 18GHz



Plot 7-628. Radiated Spurious Emissions - Simultaneous Transmission Above 18GHz

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Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4960.00	Peak	-	-	-	-68.74	19.04	57.30	73.98	-16.68
7440.00	Peak	-	-	-	-70.67	22.72	59.05	73.98	-14.93
12400.00	Peak	-	-	-	-71.68	30.73	66.05	73.98	-7.93

Table 7-144. BT Harmonics Emissions Measurements in Simultaneous Transmission Mode

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dBm]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
4994.00	H	-	-	-79.93	19.10	46.17	-49.06	-25.00	-24.06
7491.00	H	-	-	-81.35	22.74	48.39	-46.84	-25.00	-21.84
9988.00	H	-	-	-81.88	25.78	50.90	-44.33	-25.00	-19.33
12485.00	H	-	-	-83.13	31.01	54.88	-40.35	-25.00	-15.35
2463.00*	H	-	-	-77.58	13.98	43.40	-51.83	-25.00	-26.83
2514.00*	H	101	21	-65.66	20.98	62.32	-32.91	33.00	-65.91

Table 7-145. FR1-n41PC2 Harmonics and Intermodulation(*) Emissions Measurements in Simultaneous Transmission Mode

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7.8 Frequency Stability / Temperature Variation

\$2.1055, \$27.54

Test Overview and Limit

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

- 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

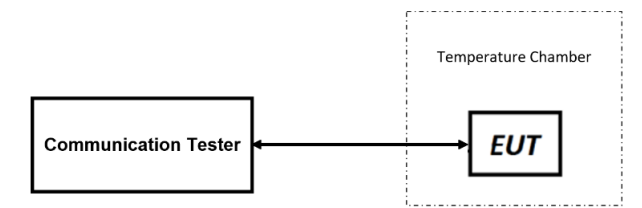


Figure 7-12. LTE Test Instrument & Measurement Setup

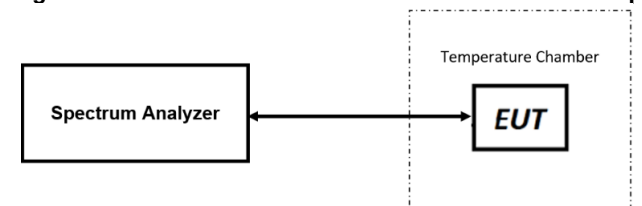


Figure 7-13. FR1 Test Instrument & Measurement Setup

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	2.3057676	-0.0007676
		- 20	2.3059481	-0.0009481
		- 10	2.3052155	-0.0002155
		0	2.3051022	-0.0001022
		+ 10	2.3058021	-0.0008021
		+ 20 (Ref)	2.3051595	-0.0001595
		+ 30	2.3055373	-0.0005373
		+ 40	2.3054055	-0.0004055
		+ 50	2.3051232	-0.0001232
Battery Endpoint	3.40	+ 20	2.3053401	-0.0003401

Table 7-146. 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	2.3147929	-0.0002071
		- 20	2.3141715	-0.0008285
		- 10	2.3144916	-0.0005084
		0	2.3141377	-0.0008623
		+ 10	2.3146916	-0.0003084
		+ 20 (Ref)	2.3146985	-0.0003015
		+ 30	2.3141876	-0.0008124
		+ 40	2.3141716	-0.0008284
		+ 50	2.3145817	-0.0004183
Battery Endpoint	3.40	+ 20	2.3143142	-0.0006858

Table 7-147. 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	2.5008113	-0.0008113
		- 20	2.5003053	-0.0003053
		- 10	2.5005261	-0.0005261
		0	2.5008494	-0.0008494
		+ 10	2.5000030	-0.0000030
		+ 20 (Ref)	2.5004108	-0.0004108
		+ 30	2.5006692	-0.0006692
		+ 40	2.5001250	-0.0001250
		+ 50	2.5009938	-0.0009938
Battery Endpoint	3.40	+ 20	2.5003857	-0.0003857

Table 7-148. 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	2.5692700	-0.0007300
		- 20	2.5691254	-0.0008746
		- 10	2.5695380	-0.0004620
		0	2.5696780	-0.0003220
		+ 10	2.5691964	-0.0008036
		+ 20 (Ref)	2.5690061	-0.0009939
		+ 30	2.5697568	-0.0002432
		+ 40	2.5693996	-0.0006004
		+ 50	2.5691136	-0.0008864
Battery Endpoint	3.40	+ 20	2.5696843	-0.0003157

Table 7-149. 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	2.4968946	-0.0008946
		- 20	2.4964861	-0.0004861
		- 10	2.4964524	-0.0004524
		0	2.4966888	-0.0006888
		+ 10	2.4968952	-0.0008952
		+ 20 (Ref)	2.4968413	-0.0008413
		+ 30	2.4960275	-0.0000275
		+ 40	2.4961658	-0.0001658
		+ 50	2.4960242	-0.0000242
Battery Endpoint	3.40	+ 20	2.4962427	-0.0002427

Table 7-150. 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	2.6894871	-0.0005129
		- 20	2.6898893	-0.0001107
		- 10	2.6893172	-0.0006828
		0	2.6899891	-0.0000109
		+ 10	2.6890726	-0.0009274
		+ 20 (Ref)	2.6891062	-0.0008938
		+ 30	2.6892861	-0.0007139
		+ 40	2.6899786	-0.0000214
		+ 50	2.6895206	-0.0004794
Battery Endpoint	3.40	+ 20	2.6893679	-0.0006321

Table 7-151. Upper Boundary LTE Band 41 Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n30				
Operating Band Lower Boundary (GHz)			2.3050	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3055731	-0.0005731
		- 20	2.3055450	-0.0005450
		- 10	2.3054004	-0.0004004
		0	2.3056062	-0.0006062
		+ 10	2.3058311	-0.0008311
		+ 20 (Ref)	2.3056002	-0.0006002
		+ 30	2.3054045	-0.0004045
		+ 40	2.3053973	-0.0003973
		+ 50	2.3050385	-0.0000385
Battery Endpoint	3.40	+ 20	2.3056981	-0.0006981

Table 7-152. Lower Boundary NR Band n30 Frequency Stability Data

NR Band n30				
Operating Band Upper Boundary (GHz)			2.3150	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	2.3147947	-0.0002053
		- 20	2.3141359	-0.0008641
		- 10	2.3149636	-0.0000364
		0	2.3145064	-0.0004936
		+ 10	2.3143197	-0.0006803
		+ 20 (Ref)	2.3145707	-0.0004293
		+ 30	2.3149834	-0.0000166
		+ 40	2.3145251	-0.0004749
		+ 50	2.3148110	-0.0001890
Battery Endpoint	3.40	+ 20	2.3141379	-0.0008621

Table 7-153. 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	2.5001054	-0.0001054
		- 20	2.5005859	-0.0005859
		- 10	2.5004136	-0.0004136
		0	2.5004266	-0.0004266
		+ 10	2.5009474	-0.0009474
		+ 20 (Ref)	2.5007092	-0.0007092
		+ 30	2.5000754	-0.0000754
		+ 40	2.5004948	-0.0004948
		+ 50	2.5001101	-0.0001101
Battery Endpoint	3.40	+ 20	2.5002758	-0.0002758

Table 7-154. 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	2.5694378	-0.0005622
		- 20	2.5699973	-0.0000027
		- 10	2.5692266	-0.0007734
		0	2.5695967	-0.0004033
		+ 10	2.5691901	-0.0008099
		+ 20 (Ref)	2.5693683	-0.0006317
		+ 30	2.5696410	-0.0003590
		+ 40	2.5694038	-0.0005962
		+ 50	2.5691936	-0.0008064
Battery Endpoint	3.40	+ 20	2.5692404	-0.0007596

Table 7-155. 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	2.4966489	-0.0006489
		- 20	2.4968387	-0.0008387
		- 10	2.4964218	-0.0004218
		0	2.4960271	-0.0000271
		+ 10	2.4969165	-0.0009165
		+ 20 (Ref)	2.4961643	-0.0001643
		+ 30	2.4960620	-0.0000620
		+ 40	2.4962633	-0.0002633
		+ 50	2.4966222	-0.0006222
Battery Endpoint	3.40	+ 20	2.4964165	-0.0004165

Table 7-156. 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	2.6892232	-0.0007768
		- 20	2.6892003	-0.0007997
		- 10	2.6894467	-0.0005533
		0	2.6894006	-0.0005994
		+ 10	2.6897233	-0.0002767
		+ 20 (Ref)	2.6896445	-0.0003555
		+ 30	2.6899783	-0.0000217
		+ 40	2.6890200	-0.0009800
		+ 50	2.6892562	-0.0007438
Battery Endpoint	3.40	+ 20	2.6899993	-0.0000007

Table 7-157. 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: BCGA2995** complies with all the requirements of Part 27 of the FCC rules.

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