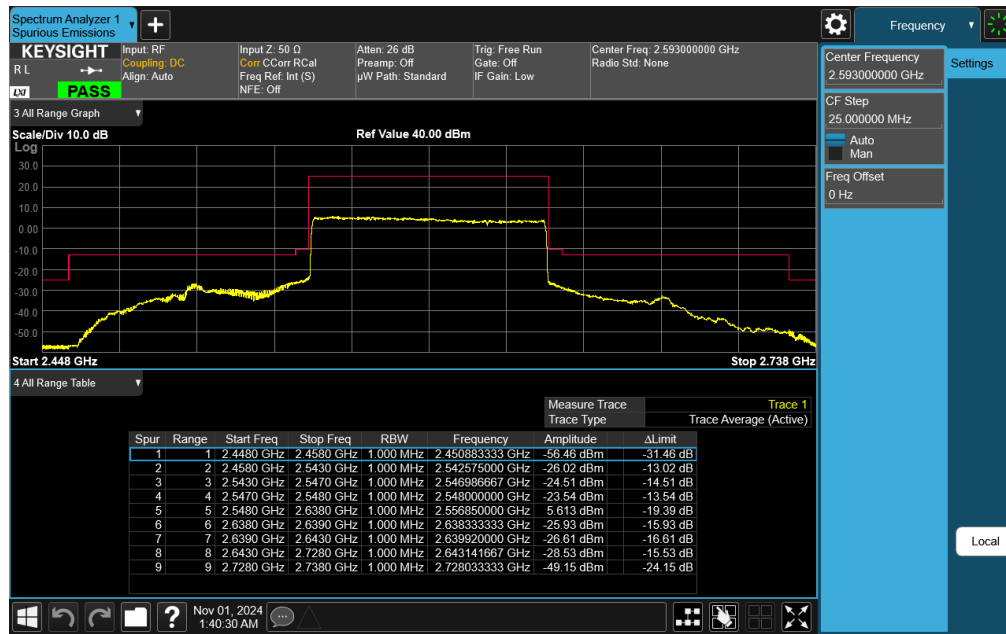
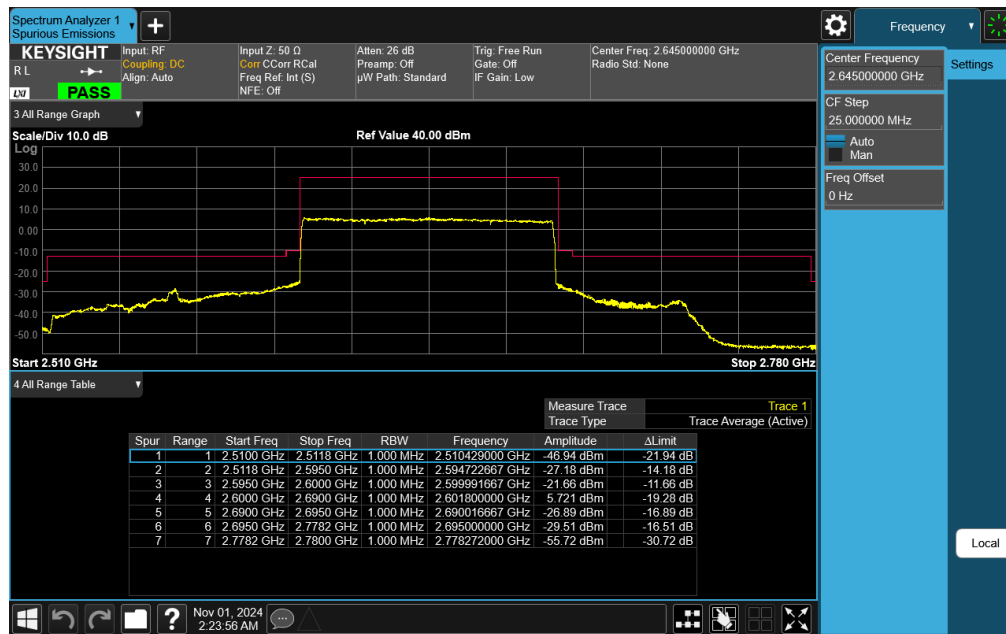




Plot 7-603. Middle ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

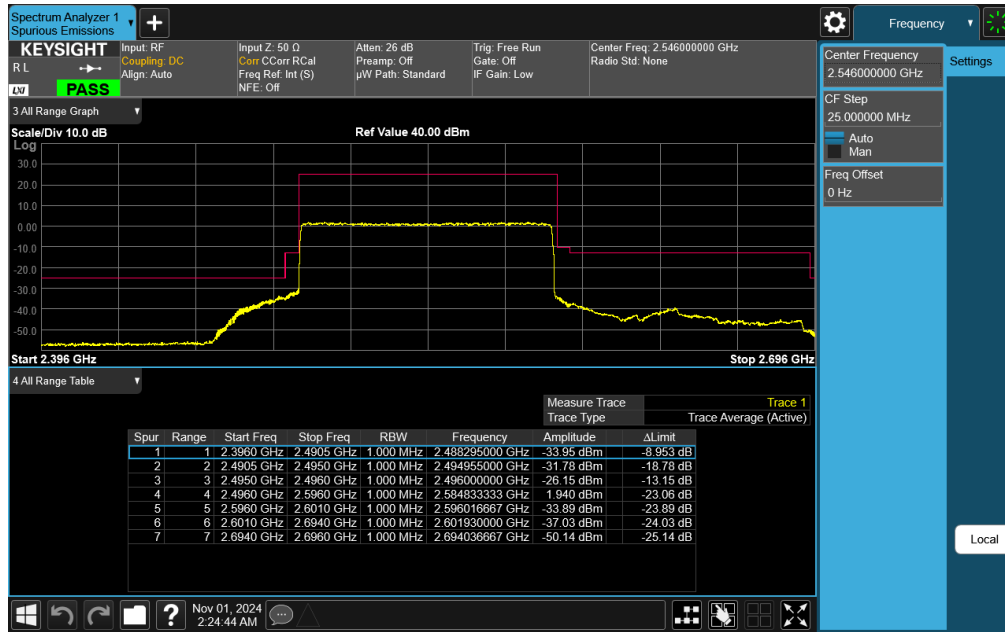


Plot 7-604. Upper ACP Plot (NR Band n41 - 90MHz CP-OFDM QPSK – Full RB)

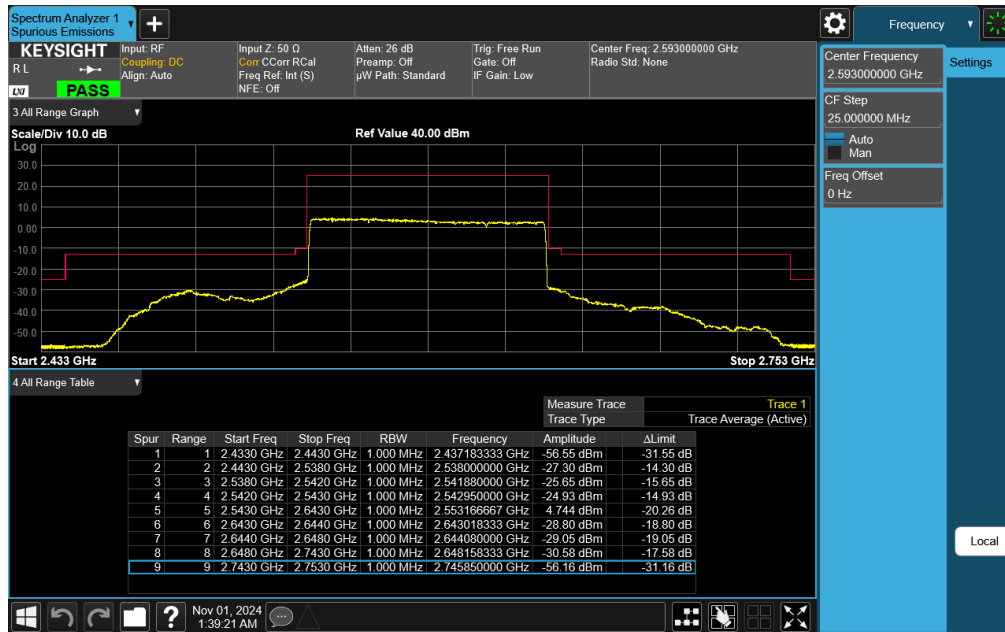
FCC ID: BCGA3355	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 328 of 427

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Plot 7-605. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

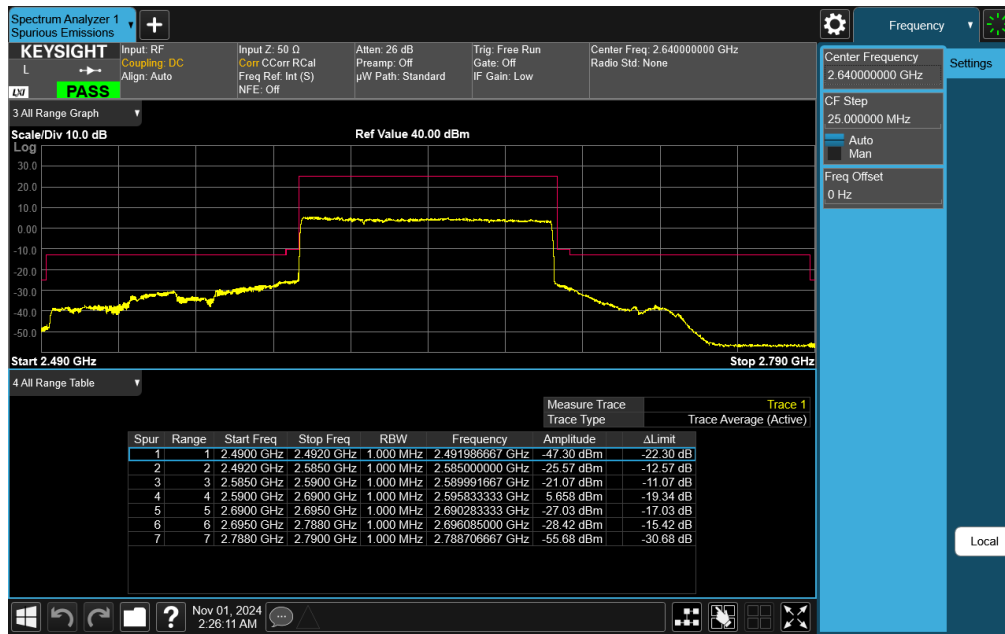


Plot 7-606. Middle ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3355	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 329 of 427

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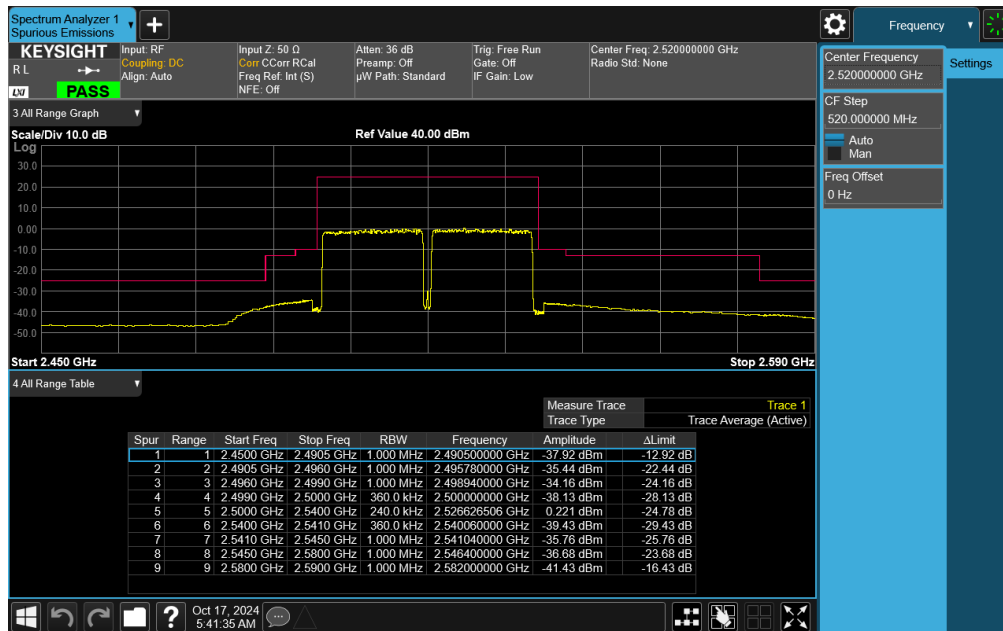
Plot 7-607. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM QPSK – Full RB)

FCC ID: BCGA3355	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 330 of 427

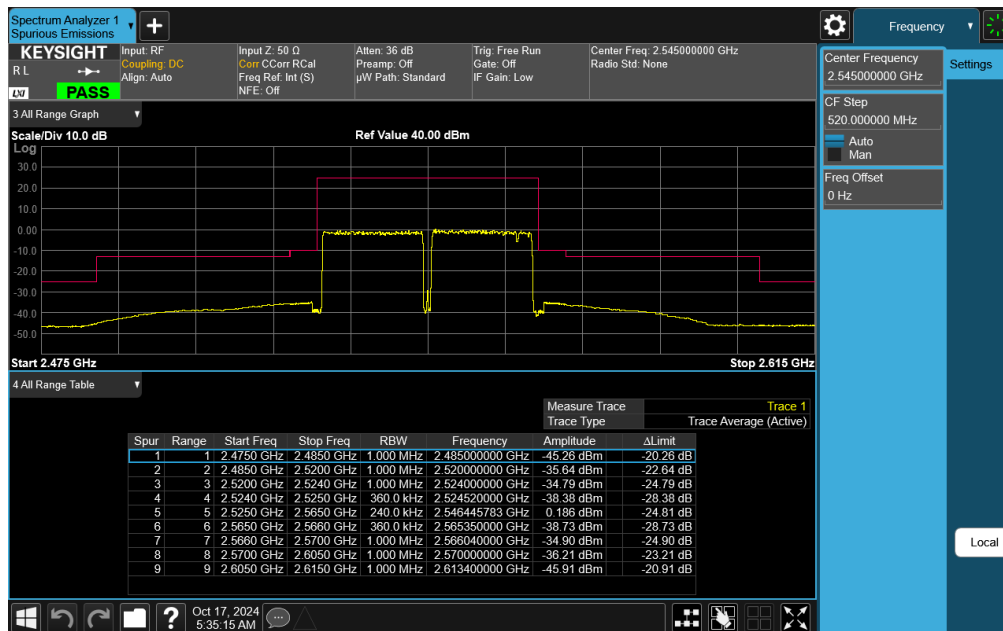
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ULCA - LTE Band 7



Plot 7-608. Lower ACP Plot (UCLA LTE B7 – (20+20)MHz QPSK - Full RB)

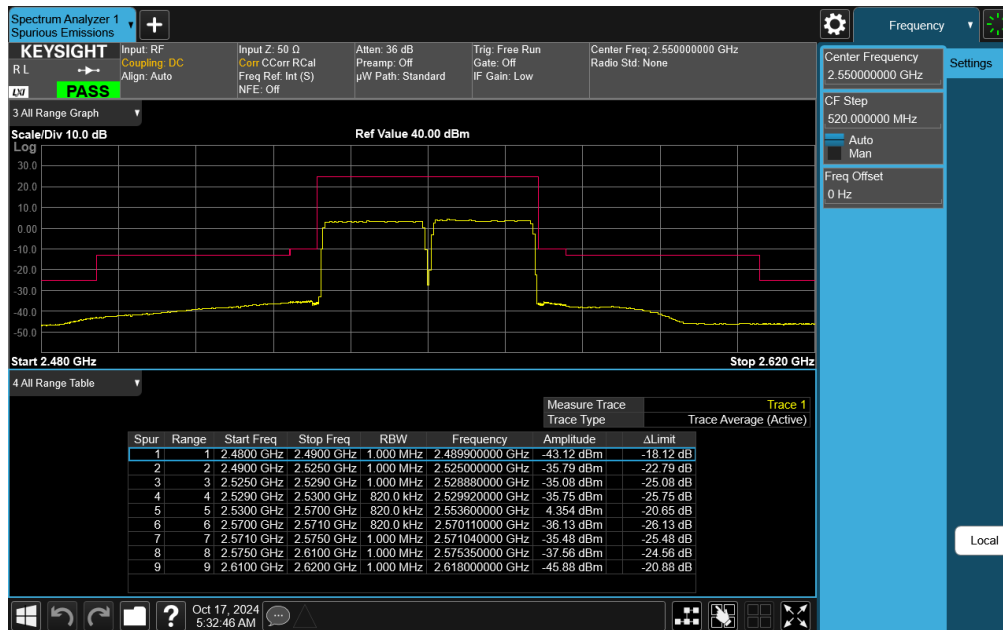


Plot 7-609. Middle ACP Plot (UCLA LTE B7 – (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3355		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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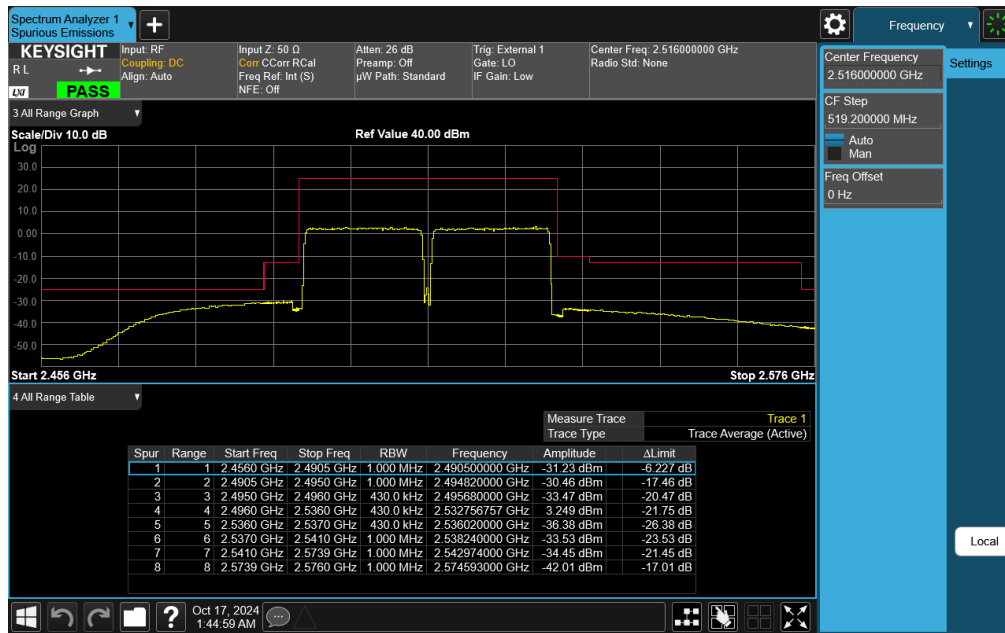


Plot 7-610. Upper ACP Plot (UCLA LTE B7 – (20+20)MHz QPSK - Full RB)

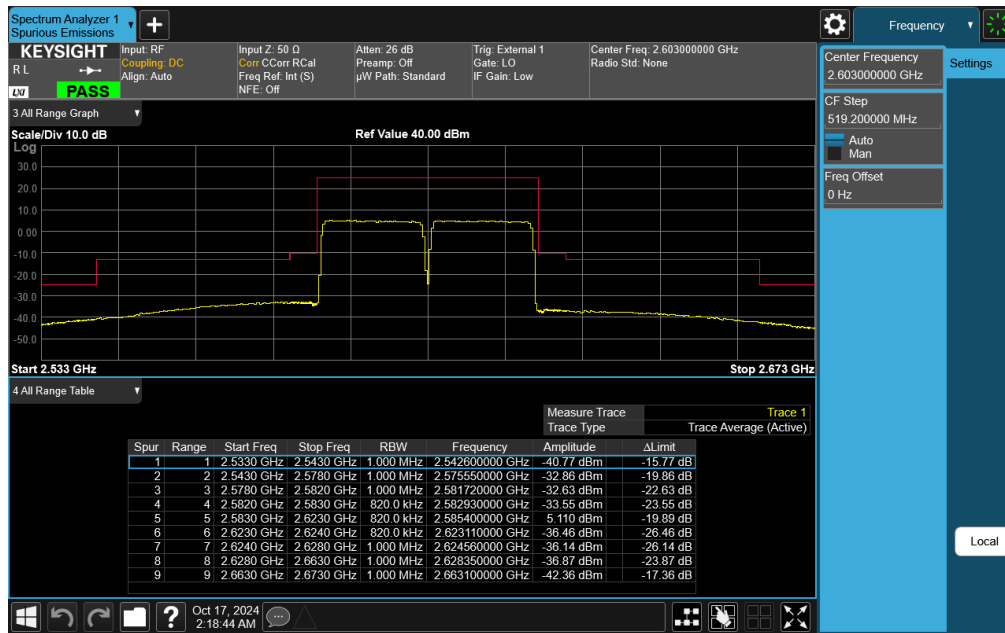
FCC ID: BCGA3355	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41



Plot 7-611. Lower ACP Plot (UCLA LTE B41 – (20+20)MHz QPSK - Full RB)

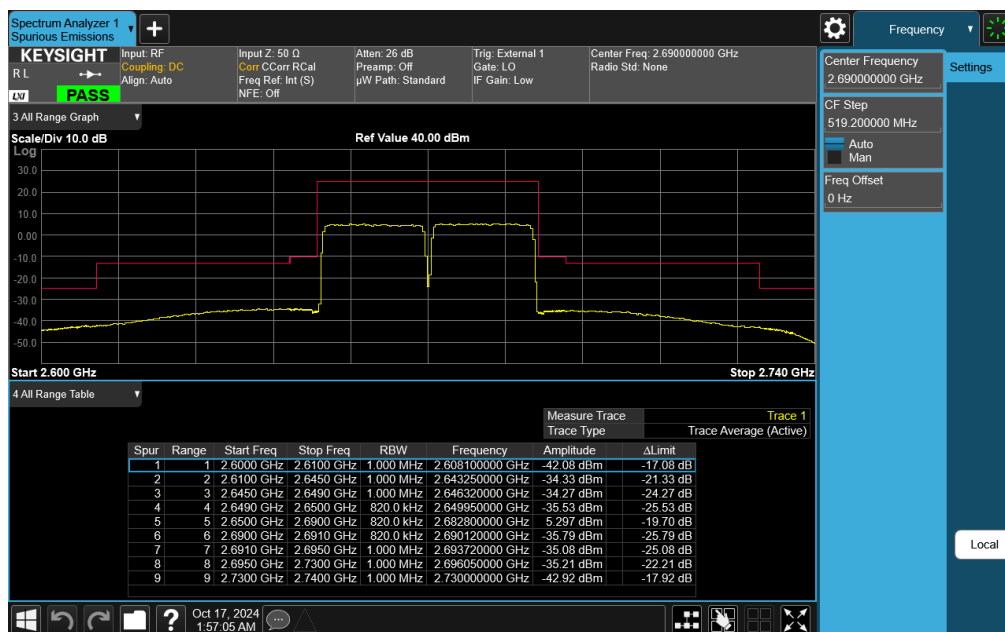


Plot 7-612. Middle ACP Plot (UCLA LTE B41 – (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3355	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-613. Upper ACP Plot (UCLA LTE B41 – (20+20)MHz QPSK - Full RB)

FCC ID: BCGA3355	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

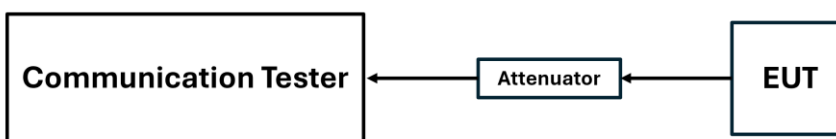


Figure 7-7. Conducted Power Measurement Setup

Test Notes

None.

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	25.71	24.7	1.01
										16-QAM	1	24.74	23.7	1.04
										64-QAM	2	23.79	22.7	1.09
										256-QAM	4	21.59	20.7	0.89
2				5	39675	2498.5	1	9	0	QPSK	0	28.94	27.7	1.24
										16-QAM	1	28.00	26.7	1.30
										64-QAM	2	26.47	25.7	0.77
										256-QAM	4	24.98	23.7	1.28
3				10	39700	2501	1	0	5	QPSK	0	23.73	22.7	1.03
										16-QAM	1	22.49	21.7	0.79
										64-QAM	2	21.88	20.7	1.18
										256-QAM	4	19.85	18.7	1.15
4				10	39700	2501	20	0	2	QPSK	0	26.71	25.7	1.01
										16-QAM	1	25.79	24.7	1.09
										64-QAM	2	24.77	23.7	1.07
										256-QAM	4	22.40	21.7	0.70
5				10	39700	2501	50	0	3	QPSK	0	25.70	24.7	1.00
										16-QAM	1	24.71	23.7	1.01
										64-QAM	2	23.79	22.7	1.09
										256-QAM	4	21.79	20.7	1.09
6				10	39700	2501	25	20	1	QPSK	0	27.43	26.7	0.73
										16-QAM	1	26.68	25.7	0.98
										64-QAM	2	25.84	24.7	1.14
										256-QAM	4	23.78	22.7	1.08
7				10	39700	2501	1	36	0	QPSK	0	28.83	27.7	1.13
										16-QAM	1	27.95	26.7	1.25
										64-QAM	2	26.94	25.7	1.24
										256-QAM	4	24.71	23.7	1.01
8				15	39725	2503.5	1	0	5	QPSK	0	23.55	22.7	0.85
										16-QAM	1	22.86	21.7	1.16
										64-QAM	2	21.66	20.7	0.96
										256-QAM	4	19.90	18.7	1.20
9				15	39725	2503.5	20	0	2	QPSK	0	26.71	25.7	1.01
										16-QAM	1	25.54	24.7	0.84
										64-QAM	2	24.52	23.7	0.82
										256-QAM	4	22.57	21.7	0.87
10				15	39725	2503.5	75	0	4	QPSK	0	24.67	23.7	0.97
										16-QAM	1	23.97	22.7	1.27
										64-QAM	2	22.65	21.7	0.95
										256-QAM	4	20.90	19.7	1.20
11				15	39725	2503.5	50	15	3	QPSK	0	25.88	24.7	1.18
										16-QAM	1	24.44	23.7	0.74
										64-QAM	2	23.90	22.7	1.20
										256-QAM	4	21.59	20.7	0.89
12				15	39725	2503.5	1	60	0	QPSK	0	28.69	27.7	0.99
										16-QAM	1	27.40	26.7	0.70
										64-QAM	2	26.41	25.7	0.71
										256-QAM	4	24.76	23.7	1.06
13				20	39750	2506	1	0	5	QPSK	0	23.57	22.7	0.87
										16-QAM	1	22.59	21.7	0.89
										64-QAM	2	21.63	20.7	0.93
										256-QAM	4	19.55	18.7	0.85
14				20	39750	2506	20	0	2	QPSK	0	26.97	25.7	1.27
										16-QAM	1	25.58	24.7	0.88
										64-QAM	2	24.46	23.7	0.76
										256-QAM	4	22.67	21.7	0.97
15				20	39750	2506	100	0	4	QPSK	0	24.70	23.7	1.00
										16-QAM	1	23.85	22.7	1.15
										64-QAM	2	22.94	21.7	1.24
										256-QAM	4	20.58	19.7	0.88
16				20	39750	2506	75	24	3	QPSK	0	26.00	24.7	1.30
										16-QAM	1	24.60	23.7	0.90
										64-QAM	2	23.88	22.7	1.18
										256-QAM	4	21.56	20.7	0.86
17				20	39750	2506	1	77	0	QPSK	0	28.80	27.7	1.10
										16-QAM	1	27.53	26.7	0.83
										64-QAM	2	26.88	25.7	1.18
										256-QAM	4	24.57	23.7	0.87
18	01	311	490	5	39675	2498.5	1	0	3	QPSK	0	25.91	24.7	1.21
										16-QAM	1	24.82	23.7	1.12
										64-QAM	2	23.5	22.7	0.80
										256-QAM	4	21.61	20.7	0.91
19	01	001	01	5	39675	2498.5	1	0	0	QPSK	0	28.76	27.7	1.06
										16-QAM	1	27.72	26.7	1.02
										64-QAM	2	26.44	25.7	0.74
										256-QAM	4	24.63	23.7	0.93

Table 7-2. A-MPR Conducted Power Measurements

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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.

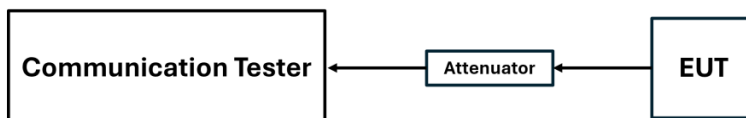


Figure 7-8. EIRP Measurement Setup

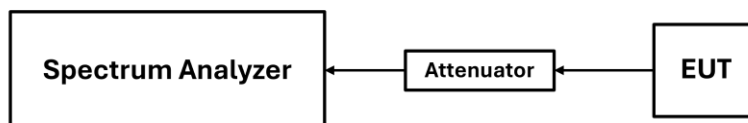


Figure 7-9. EIRP Measurement Setup

FCC ID: BCGA3355		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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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.

FCC ID: BCGA3355		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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7.6.1 Antenna 4 - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	1.90	1 / 0	21.53	23.43	0.220	23.98	-0.55
		2310.0	1.90	1 / 24	21.53	23.43	0.220	23.98	-0.55
		2312.5	1.90	1 / 0	21.44	23.34	0.216	23.98	-0.64
	16-QAM	2307.5	1.90	1 / 12	20.53	22.43	0.175	23.98	-1.55
	64-QAM	2312.5	1.90	1 / 12	19.57	21.47	0.140	23.98	-2.51
	256-QAM	2312.5	1.90	1 / 0	16.58	18.48	0.071	23.98	-5.50
10 MHz	QPSK	2310.0	1.90	1 / 49	21.57	23.47	0.222	23.98	-0.51
	16-QAM	2310.0	1.90	1 / 25	20.42	22.32	0.170	23.98	-1.66
	64-QAM	2310.0	1.90	1 / 49	19.60	21.50	0.141	23.98	-2.48
	256-QAM	2310.0	1.90	1 / 0	16.53	18.43	0.070	23.98	-5.55

Table 7-3. Antenna 4 EIRP Data (LTE Band 30)

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	2.60	1 / 24	25.66	28.26	0.670	33.01	-4.75
		2535.0	2.60	1 / 0	25.70	28.30	0.676	33.01	-4.71
		2567.5	2.60	1 / 12	25.53	28.13	0.650	33.01	-4.88
	16-QAM	2502.5	2.60	1 / 0	24.66	27.26	0.532	33.01	-5.75
	64-QAM	2567.5	2.60	1 / 0	23.66	26.26	0.423	33.01	-6.75
	256-QAM	2535.0	2.60	1 / 12	20.62	23.22	0.210	33.01	-9.79
10 MHz	QPSK	2505.0	2.60	1 / 25	25.62	28.22	0.664	33.01	-4.79
		2535.0	2.60	1 / 0	25.70	28.30	0.676	33.01	-4.71
		2565.0	2.60	1 / 49	25.66	28.26	0.670	33.01	-4.75
	16-QAM	2565.0	2.60	1 / 25	24.68	27.28	0.535	33.01	-5.73
	64-QAM	2505.0	2.60	1 / 25	23.68	26.28	0.425	33.01	-6.73
	256-QAM	2505.0	2.60	1 / 25	20.79	23.39	0.218	33.01	-9.62
15 MHz	QPSK	2507.5	2.60	1 / 0	25.63	28.23	0.665	33.01	-4.78
		2535.0	2.60	1 / 0	25.70	28.30	0.676	33.01	-4.71
		2562.5	2.60	1 / 37	25.51	28.11	0.647	33.01	-4.90
	16-QAM	2562.5	2.60	1 / 0	24.69	27.29	0.536	33.01	-5.72
	64-QAM	2507.5	2.60	1 / 37	23.72	26.32	0.429	33.01	-6.69
	256-QAM	2562.5	2.60	1 / 37	20.82	23.42	0.220	33.01	-9.59
20 MHz	QPSK	2510.0	2.60	1 / 99	25.70	28.30	0.676	33.01	-4.71
		2535.0	2.60	1 / 50	25.46	28.06	0.640	33.01	-4.95
		2560.0	2.60	1 / 99	25.66	28.26	0.670	33.01	-4.75
	16-QAM	2560.0	2.60	1 / 99	24.67	27.27	0.533	33.01	-5.74
	64-QAM	2535.0	2.60	1 / 50	23.70	26.30	0.427	33.01	-6.71
	256-QAM	2560.0	2.60	1 / 50	20.78	23.38	0.218	33.01	-9.63

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	2.40	1 / 12	27.68	30.08	1.018	33.01	-2.93
		2593.0	2.40	1 / 24	27.63	30.03	1.006	33.01	-2.98
		2687.5	2.40	1 / 24	27.69	30.09	1.020	33.01	-2.92
	16-QAM	2687.5	2.40	1 / 0	26.64	29.04	0.801	33.01	-3.97
	64-QAM	2687.5	2.40	1 / 0	25.67	28.07	0.641	33.01	-4.94
	256-QAM	2593.0	2.40	1 / 12	22.67	25.07	0.322	33.01	-7.94
10 MHz	QPSK	2501.0	2.40	1 / 25	27.49	29.89	0.975	33.01	-3.12
		2593.0	2.40	1 / 0	27.60	30.00	1.000	33.01	-3.01
		2685.0	2.40	1 / 49	27.69	30.09	1.021	33.01	-2.92
	16-QAM	2685.0	2.40	1 / 0	26.68	29.08	0.809	33.01	-3.93
	64-QAM	2593.0	2.40	1 / 0	25.63	28.03	0.635	33.01	-4.98
	256-QAM	2593.0	2.40	1 / 0	22.59	24.99	0.315	33.01	-8.02
15 MHz	QPSK	2503.5	2.40	1 / 37	27.50	29.90	0.978	33.01	-3.11
		2593.0	2.40	1 / 37	27.66	30.06	1.014	33.01	-2.95
		2682.5	2.40	1 / 0	27.65	30.05	1.012	33.01	-2.96
	16-QAM	2503.5	2.40	1 / 37	26.68	29.08	0.808	33.01	-3.93
	64-QAM	2593.0	2.40	1 / 37	25.67	28.07	0.641	33.01	-4.94
	256-QAM	2682.5	2.40	1 / 0	22.63	25.03	0.319	33.01	-7.98
20 MHz	QPSK	2506.0	2.40	1 / 99	27.54	29.94	0.987	33.01	-3.07
		2593.0	2.40	1 / 50	27.69	30.09	1.022	33.01	-2.92
		2680.0	2.40	1 / 99	27.67	30.07	1.015	33.01	-2.95
	16-QAM	2506.0	2.40	1 / 99	26.60	29.00	0.795	33.01	-4.01
	64-QAM	2680.0	2.40	1 / 99	25.69	28.09	0.644	33.01	-4.92
	256-QAM	2680.0	2.40	1 / 0	22.69	25.09	0.323	33.01	-7.92

Table 7-5. Antenna 4 EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 341 of 427

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LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	2.40	1 / 12	25.69	28.09	0.645	33.01	-4.92
		2593.0	2.40	1 / 0	25.64	28.04	0.637	33.01	-4.97
		2687.5	2.40	1 / 12	25.66	28.06	0.639	33.01	-4.95
	16-QAM	2593.0	2.40	1 / 0	24.65	27.05	0.506	33.01	-5.97
	64-QAM	2593.0	2.40	1 / 12	23.67	26.07	0.405	33.01	-6.94
	256-QAM	2498.5	2.40	1 / 12	20.63	23.03	0.201	33.01	-9.98
10 MHz	QPSK	2501.0	2.40	1 / 25	25.59	27.99	0.630	33.01	-5.02
		2593.0	2.40	1 / 0	25.56	27.96	0.625	33.01	-5.05
		2685.0	2.40	1 / 49	25.67	28.07	0.641	33.01	-4.94
	16-QAM	2593.0	2.40	1 / 0	24.67	27.07	0.509	33.01	-5.94
	64-QAM	2501.0	2.40	1 / 25	23.68	26.08	0.405	33.01	-6.93
	256-QAM	2593.0	2.40	1 / 0	20.69	23.09	0.204	33.01	-9.92
15 MHz	QPSK	2503.5	2.40	1 / 37	25.59	27.99	0.630	33.01	-5.02
		2593.0	2.40	1 / 0	25.52	27.92	0.619	33.01	-5.09
		2682.5	2.40	1 / 74	25.56	27.96	0.625	33.01	-5.05
	16-QAM	2682.5	2.40	1 / 37	24.61	27.01	0.502	33.01	-6.00
	64-QAM	2682.5	2.40	1 / 0	23.70	26.10	0.407	33.01	-6.91
	256-QAM	2682.5	2.40	1 / 74	20.70	23.10	0.204	33.01	-9.91
20 MHz	QPSK	2506.0	2.40	1 / 99	25.67	28.07	0.641	33.01	-4.94
		2593.0	2.40	1 / 99	25.59	27.99	0.629	33.01	-5.02
		2680.0	2.40	1 / 0	25.70	28.10	0.646	33.01	-4.91
	16-QAM	2506.0	2.40	1 / 50	24.67	27.07	0.509	33.01	-5.94
	64-QAM	2680.0	2.40	1 / 0	23.70	26.10	0.407	33.01	-6.91
	256-QAM	2680.0	2.40	1 / 99	20.67	23.07	0.203	33.01	-9.94

Table 7-6. Antenna 4 EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 342 of 427

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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	1.90	25 / 0	21.05	22.95	0.197	23.98	-1.03
		2310.0	1.90	25 / 0	21.22	23.12	0.205	23.98	-0.86
		2312.5	1.90	25 / 0	21.10	23.00	0.199	23.98	-0.98
	QPSK	2307.5	1.90	25 / 0	21.19	23.09	0.204	23.98	-0.89
		2310.0	1.90	25 / 0	21.26	23.16	0.207	23.98	-0.82
		2312.5	1.90	25 / 0	21.04	22.94	0.197	23.98	-1.04
	16-QAM	2310.0	1.90	25 / 0	19.29	21.19	0.132	23.98	-2.79
	64-QAM	2312.5	1.90	25 / 0	18.67	20.57	0.114	23.98	-3.41
10 MHz	256-QAM	2310.0	1.90	25 / 0	16.71	18.61	0.073	23.98	-5.37
	$\pi/2$ BPSK	2310.0	1.90	50 / 0	21.04	22.94	0.197	23.98	-1.04
	QPSK	2310.0	1.90	50 / 0	21.14	23.04	0.201	23.98	-0.94
	16-QAM	2310.0	1.90	50 / 0	19.19	21.09	0.129	23.98	-2.89
	64-QAM	2310.0	1.90	50 / 0	18.75	20.65	0.116	23.98	-3.33
	256-QAM	2310.0	1.90	50 / 0	16.60	18.50	0.071	23.98	-5.48

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 343 of 427

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NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	2.60	1 / 1	25.47	28.07	0.641	33.01	-4.94
		2535.0	2.60	1 / 23	25.67	28.27	0.671	33.01	-4.74
		2567.5	2.60	1 / 23	25.44	28.04	0.637	33.01	-4.97
	QPSK	2502.5	2.60	1 / 23	25.70	28.30	0.676	33.01	-4.71
		2535.0	2.60	1 / 1	25.47	28.07	0.641	33.01	-4.94
		2567.5	2.60	1 / 23	25.61	28.21	0.662	33.01	-4.80
	16-QAM	2535.0	2.60	1 / 23	24.56	27.16	0.520	33.01	-5.85
	64-QAM	2567.5	2.60	1 / 23	23.50	26.10	0.407	33.01	-6.91
	256-QAM	2535.0	2.60	1 / 12	20.75	23.35	0.216	33.01	-9.66
10 MHz	π/2 BPSK	2505.0	2.60	1 / 50	25.57	28.17	0.656	33.01	-4.84
		2535.0	2.60	1 / 50	25.53	28.13	0.650	33.01	-4.88
		2565.0	2.60	1 / 50	25.70	28.30	0.676	33.01	-4.71
	QPSK	2505.0	2.60	1 / 25	25.55	28.15	0.653	33.01	-4.86
		2535.0	2.60	1 / 25	25.32	27.92	0.619	33.01	-5.09
		2565.0	2.60	1 / 1	25.49	28.09	0.644	33.01	-4.92
	16-QAM	2565.0	2.60	1 / 25	24.70	27.30	0.537	33.01	-5.71
	64-QAM	2505.0	2.60	1 / 25	23.64	26.24	0.421	33.01	-6.77
	256-QAM	2505.0	2.60	1 / 50	20.80	23.40	0.219	33.01	-9.61
15 MHz	π/2 BPSK	2507.5	2.60	1 / 1	25.70	28.30	0.676	33.01	-4.71
		2535.0	2.60	1 / 36	25.70	28.30	0.676	33.01	-4.71
		2562.5	2.60	1 / 36	25.69	28.29	0.675	33.01	-4.72
	QPSK	2507.5	2.60	1 / 36	25.40	28.00	0.631	33.01	-5.01
		2535.0	2.60	1 / 77	25.59	28.19	0.659	33.01	-4.82
		2562.5	2.60	1 / 77	25.54	28.14	0.652	33.01	-4.87
	16-QAM	2507.5	2.60	1 / 1	24.63	27.23	0.528	33.01	-5.78
	64-QAM	2562.5	2.60	1 / 77	23.69	26.29	0.426	33.01	-6.72
	256-QAM	2535.0	2.60	1 / 36	20.71	23.31	0.214	33.01	-9.70
20 MHz	π/2 BPSK	2510.0	2.60	1 / 1	25.50	28.10	0.646	33.01	-4.91
		2535.0	2.60	1 / 104	25.47	28.07	0.641	33.01	-4.94
		2560.0	2.60	1 / 1	25.70	28.30	0.676	33.01	-4.71
	QPSK	2510.0	2.60	1 / 50	25.65	28.25	0.668	33.01	-4.76
		2535.0	2.60	1 / 104	25.50	28.10	0.646	33.01	-4.91
		2560.0	2.60	1 / 104	25.55	28.15	0.653	33.01	-4.86
	16-QAM	2560.0	2.60	1 / 104	24.69	27.29	0.536	33.01	-5.72
	64-QAM	2560.0	2.60	1 / 50	23.70	26.30	0.427	33.01	-6.71
	256-QAM	2535.0	2.60	1 / 1	20.71	23.31	0.214	33.01	-9.70
25 MHz	π/2 BPSK	2512.5	2.60	1 / 131	25.70	28.30	0.676	33.01	-4.71
		2535.0	2.60	1 / 64	25.69	28.29	0.675	33.01	-4.72
		2557.5	2.60	1 / 64	25.67	28.27	0.671	33.01	-4.74
	QPSK	2512.5	2.60	1 / 131	25.56	28.16	0.655	33.01	-4.85
		2535.0	2.60	1 / 64	25.28	27.88	0.614	33.01	-5.13
		2557.5	2.60	1 / 64	25.54	28.14	0.652	33.01	-4.87
	16-QAM	2512.5	2.60	1 / 1	24.70	27.30	0.537	33.01	-5.71
	64-QAM	2512.5	2.60	1 / 1	23.70	26.30	0.427	33.01	-6.71
	256-QAM	2512.5	2.60	1 / 131	20.74	23.34	0.216	33.01	-9.67
30 MHz	π/2 BPSK	2515.0	2.60	1 / 1	25.50	28.10	0.646	33.01	-4.91
		2535.0	2.60	1 / 80	25.58	28.18	0.658	33.01	-4.83
		2555.0	2.60	1 / 80	25.70	28.30	0.676	33.01	-4.71
	QPSK	2515.0	2.60	1 / 158	25.51	28.11	0.647	33.01	-4.90
		2535.0	2.60	1 / 158	25.30	27.90	0.617	33.01	-5.11
		2555.0	2.60	1 / 1	25.54	28.14	0.652	33.01	-4.87
	16-QAM	2555.0	2.60	1 / 80	24.71	27.31	0.538	33.01	-5.70
	64-QAM	2535.0	2.60	1 / 1	23.71	26.31	0.428	33.01	-6.70
	256-QAM	2515.0	2.60	1 / 80	20.83	23.43	0.220	33.01	-9.58
35 MHz	π/2 BPSK	2517.5	2.60	1 / 1	25.64	28.24	0.667	33.01	-4.77
		2535.0	2.60	1 / 93	25.61	28.21	0.662	33.01	-4.80
		2552.5	2.60	1 / 1	25.64	28.24	0.667	33.01	-4.77
	QPSK	2517.5	2.60	1 / 1	25.70	28.30	0.676	33.01	-4.71
		2535.0	2.60	1 / 186	25.60	28.20	0.661	33.01	-4.81
		2552.5	2.60	1 / 93	25.64	28.24	0.667	33.01	-4.77
	16-QAM	2535.0	2.60	1 / 93	24.60	27.20	0.525	33.01	-5.81
	64-QAM	2535.0	2.60	1 / 93	23.69	26.29	0.426	33.01	-6.72
	256-QAM	2552.5	2.60	1 / 93	20.82	23.42	0.220	33.01	-9.59
40 MHz	π/2 BPSK	2520.0	2.60	1 / 108	25.51	28.11	0.647	33.01	-4.90
		2535.0	2.60	1 / 1	25.70	28.30	0.676	33.01	-4.71
		2550.0	2.60	1 / 1	25.42	28.02	0.634	33.01	-4.99
	QPSK	2520.0	2.60	1 / 214	25.65	28.25	0.668	33.01	-4.76
		2535.0	2.60	1 / 1	25.41	28.01	0.632	33.01	-5.00
		2550.0	2.60	1 / 108	25.60	28.20	0.661	33.01	-4.81
	16-QAM	2520.0	2.60	1 / 108	24.72	27.32	0.540	33.01	-5.69
	64-QAM	2520.0	2.60	1 / 1	23.75	26.35	0.432	33.01	-6.66
256-QAM	2550.0	2.60	1 / 214	20.80	23.40	0.219	33.01	-9.61	

Table 7-8. Antenna 4 EIRP Data (NR Band n7)

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
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NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
10 MHz	11/2 BPSK	2501.0	2.40	1 / 12	27.54	29.94	0.986	33.01	-3.07	
		2593.0	2.40	1 / 12	27.64	30.04	1.009	33.01	-2.97	
		2685.0	2.40	1 / 12	27.52	29.92	0.982	33.01	-3.09	
	QPSK	2501.0	2.40	1 / 12	27.70	30.10	1.023	33.01	-2.91	
		2593.0	2.40	1 / 22	27.64	30.04	1.009	33.01	-2.97	
		2685.0	2.40	1 / 22	27.33	29.73	0.940	33.01	-3.28	
	16-QAM	2593.0	2.40	1 / 22	26.63	29.03	0.800	33.01	-3.98	
		64-QAM	2593.0	2.40	1 / 22	25.54	27.94	0.622	33.01	-5.07
	256-QAM	2593.0	2.40	1 / 22	22.80	25.20	0.331	33.01	-7.81	
		2503.5	2.40	1 / 18	27.51	29.91	0.979	33.01	-3.10	
15 MHz	11/2 BPSK	2593.0	2.40	1 / 36	27.29	29.69	0.931	33.01	-3.32	
		2682.5	2.40	1 / 36	27.67	30.07	1.016	33.01	-2.94	
		2503.5	2.40	1 / 36	27.59	29.99	0.998	33.01	-3.02	
	QPSK	2593.0	2.40	1 / 18	27.70	30.10	1.023	33.01	-2.91	
		2682.5	2.40	1 / 36	27.54	29.94	0.986	33.01	-3.07	
		2503.5	2.40	1 / 36	26.67	29.07	0.807	33.01	-3.94	
	16-QAM	2593.5	2.40	1 / 18	25.69	28.09	0.644	33.01	-4.92	
		64-QAM	2593.5	2.40	1 / 36	22.74	25.14	0.327	33.01	-7.87
	256-QAM	2593.5	2.40	1 / 36	27.45	29.85	0.966	33.01	-3.16	
		2593.0	2.40	1 / 49	27.50	29.90	0.977	33.01	-3.11	
20 MHz	11/2 BPSK	2680.0	2.40	1 / 25	27.59	29.99	0.998	33.01	-3.02	
		2506.0	2.40	1 / 49	27.51	29.91	0.979	33.01	-3.10	
		2593.0	2.40	1 / 25	27.63	30.03	1.007	33.01	-2.98	
	QPSK	2680.0	2.40	1 / 25	27.54	29.94	0.986	33.01	-3.07	
		2680.0	2.40	1 / 49	26.73	29.13	0.818	33.01	-3.88	
		2593.0	2.40	1 / 25	25.60	28.00	0.631	33.01	-5.01	
	16-QAM	2593.0	2.40	1 / 25	25.60	28.00	0.631	33.01	-5.01	
		256-QAM	2593.0	2.40	1 / 25	22.80	25.20	0.331	33.01	-7.81
	11/2 BPSK	2511.0	2.40	1 / 76	27.53	29.93	0.984	33.01	-3.08	
		2593.0	2.40	1 / 36	27.58	29.98	0.995	33.01	-3.03	
QPSK		2675.0	2.40	1 / 76	27.38	29.78	0.951	33.01	-3.23	
	2511.0	2.40	1 / 36	27.70	30.10	1.023	33.01	-2.91		
	2593.0	2.40	1 / 36	27.34	29.74	0.942	33.01	-3.27		
30 MHz	11/2 BPSK	2675.0	2.40	1 / 76	27.63	30.03	1.007	33.01	-2.98	
		2675.0	2.40	1 / 76	26.71	29.11	0.815	33.01	-3.90	
		2511.0	2.40	1 / 76	25.68	28.08	0.643	33.01	-4.93	
	QPSK	2511.0	2.40	1 / 76	22.81	25.21	0.332	33.01	-7.80	
		2516.0	2.40	1 / 50	27.55	29.95	0.989	33.01	-3.06	
		2593.0	2.40	1 / 104	27.68	30.08	1.019	33.01	-2.93	
	16-QAM	2670.0	2.40	1 / 50	27.40	29.80	0.955	33.01	-3.21	
		2516.0	2.40	1 / 50	27.55	29.95	0.989	33.01	-3.06	
		2593.0	2.40	1 / 50	27.70	30.10	1.023	33.01	-2.91	
	256-QAM	2670.0	2.40	1 / 50	27.34	29.74	0.942	33.01	-3.27	
2593.0		2.40	1 / 50	26.63	29.03	0.800	33.01	-3.98		
2593.0		2.40	1 / 50	25.66	28.06	0.640	33.01	-4.95		
40 MHz	11/2 BPSK	2670.0	2.40	1 / 50	22.78	25.18	0.330	33.01	-7.83	
		2521.0	2.40	1 / 131	27.70	30.10	1.023	33.01	-2.91	
		2593.0	2.40	1 / 64	27.57	29.97	0.993	33.01	-3.04	
	QPSK	2665.0	2.40	1 / 64	27.60	30.00	1.000	33.01	-3.01	
		2521.0	2.40	1 / 131	27.65	30.05	1.012	33.01	-2.95	
		2593.0	2.40	1 / 131	27.46	29.86	0.968	33.01	-3.15	
	16-QAM	2665.0	2.40	1 / 64	27.49	29.89	0.975	33.01	-3.12	
		2521.0	2.40	1 / 131	26.79	29.19	0.830	33.01	-3.82	
		64-QAM	2665.0	2.40	1 / 131	25.72	28.12	0.649	33.01	-4.89
	256-QAM	2521.0	2.40	1 / 64	22.81	25.21	0.332	33.01	-7.80	
2526.0		2.40	1 / 160	27.51	29.91	0.979	33.01	-3.10		
2593.0		2.40	1 / 160	27.64	30.04	1.009	33.01	-2.97		
50 MHz	11/2 BPSK	2660.0	2.40	1 / 160	27.56	29.96	0.991	33.01	-3.05	
		2526.0	2.40	1 / 160	27.70	30.10	1.023	33.01	-2.91	
		2593.0	2.40	1 / 160	27.56	29.96	0.991	33.01	-3.05	
	QPSK	2660.0	2.40	1 / 160	27.54	29.94	0.986	33.01	-3.07	
		2526.0	2.40	1 / 81	26.63	29.03	0.800	33.01	-3.98	
		64-QAM	2660.0	2.40	1 / 81	25.70	28.10	0.646	33.01	-4.91
	256-QAM	2593.0	2.40	1 / 81	22.80	25.20	0.331	33.01	-7.81	
		2531.0	2.40	1 / 187	27.42	29.82	0.959	33.01	-3.19	
		2593.0	2.40	1 / 90	27.70	30.10	1.023	33.01	-2.91	
	60 MHz	11/2 BPSK	2655.0	2.40	1 / 90	27.64	30.04	1.009	33.01	-2.97
2531.0			2.40	1 / 187	27.41	29.81	0.957	33.01	-3.20	
2593.0			2.40	1 / 90	27.29	29.69	0.931	33.01	-3.32	
QPSK		2655.0	2.40	1 / 90	27.49	29.89	0.975	33.01	-3.12	
		2593.0	2.40	1 / 187	26.67	29.07	0.807	33.01	-3.94	
		64-QAM	2655.0	2.40	1 / 187	25.68	28.08	0.643	33.01	-4.93
256-QAM		2531.0	2.40	1 / 187	22.78	25.18	0.330	33.01	-7.83	
		2536.0	2.40	1 / 108	27.27	29.67	0.927	33.01	-3.34	
		2593.0	2.40	1 / 108	27.70	30.10	1.023	33.01	-2.91	
70 MHz		11/2 BPSK	2650.0	2.40	1 / 215	27.68	30.08	1.019	33.01	-2.93
	2536.0		2.40	1 / 108	27.64	30.04	1.009	33.01	-2.97	
	2593.0		2.40	1 / 215	27.58	29.98	0.995	33.01	-3.03	
	QPSK	2650.0	2.40	1 / 108	27.66	30.06	1.014	33.01	-2.95	
		16-QAM	2650.0	2.40	1 / 108	26.70	29.10	0.813	33.01	-3.91
		64-QAM	2650.0	2.40	1 / 215	25.68	28.08	0.643	33.01	-4.93
	256-QAM	2650.0	2.40	1 / 215	22.78	25.18	0.330	33.01	-7.83	
		2541.0	2.40	1 / 120	27.24	29.64	0.920	33.01	-3.37	
		2593.0	2.40	1 / 243	27.70	30.10	1.023	33.01	-2.91	
	80 MHz	11/2 BPSK	2645.0	2.40	1 / 120	27.43	29.83	0.962	33.01	-3.18
2541.0			2.40	1 / 120	27.64	30.04	1.009	33.01	-2.97	
2593.0			2.40	1 / 243	27.38	29.78	0.951	33.01	-3.23	
QPSK		2645.0	2.40	1 / 120	27.31	29.71	0.935	33.01	-3.30	
		16-QAM	2645.0	2.40	1 / 120	26.69	29.09	0.811	33.01	-3.92
		64-QAM	2541.0	2.40	1 / 243	25.57	27.97	0.627	33.01	-5.04
256-QAM		2645.0	2.40	1 / 120	22.64	25.04	0.319	33.01	-7.97	
		2546.0	2.40	1 / 271	27.63	30.03	1.007	33.01	-2.98	
		2593.0	2.40	1 / 135	27.51	29.91	0.979	33.01	-3.10	
90 MHz		11/2 BPSK	2640.0	2.40	1 / 135	27.58	29.98	0.995	33.01	-3.03
	2546.0		2.40	1 / 271	27.70	30.10	1.023	33.01	-2.91	
	2593.0		2.40	1 / 135	27.43	29.83	0.962	33.01	-3.18	
	QPSK	2640.0	2.40	1 / 271	27.65	30.05	1.012	33.01	-2.96	
		16-QAM	2640.0	2.40	1 / 135	26.62	29.02	0.798	33.01	-3.99
		64-QAM	2546.0	2.40	1 / 135	25.64	28.04	0.637	33.01	-4.97
	256-QAM	2640.0	2.40	1 / 271	22.81	25.21	0.332	33.01	-7.80	

Table 7-9. Antenna 4 EIRP Data (NR Band n41(PC2))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 345 of 427

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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	2.40	1 / 12	25.64	28.04	0.637	33.01	-4.97
		2593.0	2.40	1 / 12	25.54	27.94	0.622	33.01	-5.07
		2685.0	2.40	1 / 22	25.31	27.71	0.590	33.01	-5.30
	QPSK	2501.0	2.40	1 / 12	25.49	27.89	0.615	33.01	-5.12
		2593.0	2.40	1 / 12	25.29	27.69	0.587	33.01	-5.32
		2685.0	2.40	1 / 22	25.57	27.97	0.627	33.01	-5.04
	16-QAM	2685.0	2.40	1 / 22	24.72	27.12	0.515	33.01	-5.89
	64-QAM	2685.0	2.40	1 / 22	23.59	25.99	0.397	33.01	-7.02
	256-QAM	2685.0	2.40	1 / 22	20.80	23.20	0.209	33.01	-9.81
	11/2 BPSK	2503.5	2.40	1 / 18	25.54	27.94	0.622	33.01	-5.07
2593.0		2.40	1 / 36	25.52	27.92	0.619	33.01	-5.09	
2682.5		2.40	1 / 18	25.60	28.00	0.631	33.01	-5.01	
15 MHz	QPSK	2503.5	2.40	1 / 36	25.47	27.87	0.612	33.01	-5.14
		2593.0	2.40	1 / 18	25.33	27.73	0.593	33.01	-5.28
		2682.5	2.40	1 / 36	25.33	27.73	0.593	33.01	-5.28
	16-QAM	2682.5	2.40	1 / 36	24.70	27.10	0.513	33.01	-5.91
	64-QAM	2593.0	2.40	1 / 36	23.60	26.00	0.398	33.01	-7.01
256-QAM	2503.5	2.40	1 / 36	20.80	23.20	0.209	33.01	-9.81	
20 MHz	11/2 BPSK	2506.0	2.40	1 / 49	25.37	27.77	0.598	33.01	-5.24
		2593.0	2.40	1 / 49	25.70	28.10	0.646	33.01	-4.91
		2680.0	2.40	1 / 49	25.62	28.02	0.634	33.01	-4.99
	QPSK	2506.0	2.40	1 / 25	25.68	28.08	0.643	33.01	-4.93
		2593.0	2.40	1 / 25	25.54	27.94	0.622	33.01	-5.07
		2680.0	2.40	1 / 25	25.58	27.98	0.628	33.01	-5.03
	16-QAM	2506.0	2.40	1 / 25	24.73	27.13	0.516	33.01	-5.88
	64-QAM	2680.0	2.40	1 / 25	23.72	26.12	0.409	33.01	-6.89
	256-QAM	2506.0	2.40	1 / 25	20.82	23.22	0.210	33.01	-9.79
	11/2 BPSK	2511.0	2.40	1 / 76	25.35	27.75	0.596	33.01	-5.26
2593.0		2.40	1 / 36	25.70	28.10	0.646	33.01	-4.91	
2675.0		2.40	1 / 36	25.66	28.06	0.640	33.01	-4.95	
30 MHz	QPSK	2511.0	2.40	1 / 36	25.63	28.03	0.635	33.01	-4.98
		2593.0	2.40	1 / 76	25.53	27.93	0.621	33.01	-5.08
		2675.0	2.40	1 / 76	25.58	27.98	0.628	33.01	-5.03
	16-QAM	2593.0	2.40	1 / 36	24.67	27.07	0.509	33.01	-5.94
	256-QAM	2511.0	2.40	1 / 76	23.67	26.07	0.405	33.01	-6.94
2593.0	2.40	1 / 36	20.72	23.12	0.205	33.01	-9.89		
40 MHz	11/2 BPSK	2516.0	2.40	1 / 104	25.70	28.10	0.646	33.01	-4.91
		2593.0	2.40	1 / 50	25.70	28.10	0.646	33.01	-4.91
		2670.0	2.40	1 / 50	25.37	27.77	0.598	33.01	-5.24
	QPSK	2516.0	2.40	1 / 104	25.68	28.08	0.643	33.01	-4.93
		2593.0	2.40	1 / 104	25.34	27.74	0.594	33.01	-5.27
		2670.0	2.40	1 / 104	25.51	27.91	0.618	33.01	-5.10
	16-QAM	2516.0	2.40	1 / 50	24.59	26.99	0.500	33.01	-6.02
	64-QAM	2670.0	2.40	1 / 50	23.66	26.06	0.404	33.01	-6.95
	256-QAM	2670.0	2.40	1 / 50	20.78	23.18	0.208	33.01	-9.83
	50 MHz	11/2 BPSK	2521.0	2.40	1 / 64	25.66	28.06	0.640	33.01
2593.0			2.40	1 / 131	25.35	27.75	0.596	33.01	-5.25
2665.0			2.40	1 / 64	25.67	28.07	0.641	33.01	-4.94
QPSK		2521.0	2.40	1 / 131	25.53	27.93	0.621	33.01	-5.08
		2593.0	2.40	1 / 64	25.69	28.09	0.644	33.01	-4.92
	2665.0	2.40	1 / 131	25.51	27.91	0.618	33.01	-5.10	
16-QAM	2593.0	2.40	1 / 131	24.67	27.07	0.509	33.01	-5.94	
256-QAM	2665.0	2.40	1 / 64	23.65	26.05	0.403	33.01	-6.96	
2593.0	2.40	1 / 131	20.62	23.02	0.200	33.01	-9.99		
60 MHz	11/2 BPSK	2526.0	2.40	1 / 81	25.53	27.93	0.621	33.01	-5.08
		2593.0	2.40	1 / 160	25.59	27.99	0.630	33.01	-5.02
		2660.0	2.40	1 / 160	25.65	28.05	0.638	33.01	-4.96
	QPSK	2526.0	2.40	1 / 160	25.29	27.69	0.587	33.01	-5.32
		2593.0	2.40	1 / 160	25.35	27.75	0.596	33.01	-5.26
		2660.0	2.40	1 / 81	25.43	27.83	0.607	33.01	-5.18
	16-QAM	2660.0	2.40	1 / 160	24.63	27.03	0.505	33.01	-5.98
256-QAM	2593.0	2.40	1 / 160	23.55	25.95	0.394	33.01	-7.06	
70 MHz	11/2 BPSK	2526.0	2.40	1 / 81	25.64	28.04	0.631	33.01	-4.97
		2531.0	2.40	1 / 90	25.70	28.10	0.646	33.01	-4.91
		2593.0	2.40	1 / 187	25.39	27.79	0.601	33.01	-5.22
	QPSK	2531.0	2.40	1 / 187	25.47	27.87	0.612	33.01	-5.14
		2531.0	2.40	1 / 90	25.48	27.88	0.614	33.01	-5.13
		2593.0	2.40	1 / 187	25.62	28.02	0.634	33.01	-4.99
	16-QAM	2655.0	2.40	1 / 90	25.58	27.98	0.628	33.01	-5.03
256-QAM	2655.0	2.40	1 / 90	24.73	27.13	0.516	33.01	-5.88	
256-QAM	2655.0	2.40	1 / 90	23.64	26.04	0.402	33.01	-6.97	
256-QAM	2655.0	2.40	1 / 187	20.81	23.21	0.209	33.01	-9.80	
80 MHz	11/2 BPSK	2536.0	2.40	1 / 215	25.54	27.94	0.622	33.01	-5.07
		2593.0	2.40	1 / 108	25.63	28.03	0.635	33.01	-4.98
		2650.0	2.40	1 / 215	25.56	27.96	0.625	33.01	-5.05
	QPSK	2536.0	2.40	1 / 108	25.52	27.92	0.619	33.01	-5.09
		2593.0	2.40	1 / 215	25.62	28.02	0.634	33.01	-4.99
		2650.0	2.40	1 / 108	25.70	28.10	0.646	33.01	-4.91
	16-QAM	2593.0	2.40	1 / 215	24.75	27.15	0.519	33.01	-5.86
256-QAM	2536.0	2.40	1 / 108	23.69	26.09	0.406	33.01	-6.92	
256-QAM	2650.0	2.40	1 / 108	20.71	23.11	0.205	33.01	-9.90	
90 MHz	11/2 BPSK	2541.0	2.40	1 / 243	25.70	28.10	0.646	33.01	-4.91
		2593.0	2.40	1 / 243	25.54	27.94	0.622	33.01	-5.07
		2645.0	2.40	1 / 120	25.48	27.88	0.614	33.01	-5.13
	QPSK	2541.0	2.40	1 / 243	25.61	28.01	0.632	33.01	-5.00
		2593.0	2.40	1 / 243	25.63	28.03	0.635	33.01	-4.98
		2645.0	2.40	1 / 243	25.61	28.01	0.632	33.01	-5.00
	16-QAM	2593.0	2.40	1 / 120	24.77	27.17	0.521	33.01	-5.84
	64-QAM	2541.0	2.40	1 / 243	23.77	26.17	0.414	33.01	-6.84
	256-QAM	2645.0	2.40	1 / 243	20.68	23.08	0.203	33.01	-9.93
	11/2 BPSK	2546.0	2.40	1 / 271	25.51	27.91	0.618	33.01	-5.10
2593.0		2.40	1 / 135	25.66	28.06	0.640	33.01	-4.95	
2640.0		2.40	1 / 135	25.57	27.97	0.627	33.01	-5.04	
100 MHz	QPSK	2546.0	2.40	1 / 271	25.45	27.85	0.610	33.01	-5.16
		2593.0	2.40	1 / 271	25.45	27.85	0.610	33.01	-5.16
		2640.0	2.40	1 / 271	25.42	27.82	0.605	33.01	-5.19
	16-QAM	2640.0	2.40	1 / 271	24.64	27.04	0.506	33.01	-5.97
	64-QAM	2546.0	2.40	1 / 271	23.59	25.99	0.397	33.01	-7.02
	256-QAM	2546.0	2.40	1 / 271	20.75	23.15	0.207	33.01	-9.86

Table 7-10. Antenna 4 EIRP Data (NR Band n41(PC3))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 346 of 427

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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	25.34	2.60	27.94	0.622	33.01	-5.07		
				21100	2535.0	1	99		21298	2549.8	1	0	25.69	2.60	28.29	0.675	33.01	-4.72		
				21350	2560.0	1	0		21152	2540.2	1	99	25.7	2.60	28.30	0.676	33.01	-4.71		
			QPSK	21350	2560	100	0	QPSK	21152	2540.2	100	0	24.12	2.60	26.72	0.470	33.01	-6.29		
				16-QAM	21350	2560	100		0	16-QAM	21152	2540.2	100	0	23.47	2.60	26.07	0.405	33.01	-6.94
				64-QAM	21350	2560	100		0	64-QAM	21152	2540.2	100	0	22.33	2.60	24.93	0.311	33.01	-8.08
			256-QAM	21350	2560	100	0	256-QAM	21152	2540.2	100	0	20.78	2.60	23.38	0.218	33.01	-9.63		

Table 7-11. 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	27.62	2.40	30.02	1.005	33.01	-2.99
				40620	2593.0	1	99		40818	2612.8	1	0	27.64	2.40	30.04	1.010	33.01	-2.97
			41490	2680.0	1	0	41292	2660.2	1	99	27.64	2.40	30.04	1.010	33.01	-2.97		
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	26.22	2.40	28.62	0.728	33.01	-4.39
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	25.37	2.40	27.77	0.599	33.01	-5.24
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	24.82	2.40	27.22	0.527	33.01	-5.80
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	23.11	2.40	25.51	0.356	33.01	-7.50

Table 7-12. 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	25.56	2.40	27.96	0.625	33.01	-5.05
				40620	2593.0	1	99		40818	2612.8	1	0	25.59	2.40	27.99	0.629	33.01	-5.02
			QPSK	41490	2680.0	1	0	QPSK	41292	2660.2	1	99	25.70	2.40	28.10	0.646	33.01	-4.91
				41490	2680	100	0		41292	2660.2	100	0	24.57	2.40	26.97	0.497	33.01	-6.04
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	23.87	2.40	26.27	0.423	33.01	-6.74
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	23.34	2.40	25.74	0.375	33.01	-7.27
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	21.74	2.40	24.14	0.259	33.01	-8.87

Table 7-13. Antenna 4 EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 347 of 427

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7.6.2 Antenna 2b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-0.70	1 / 0	24.09	23.39	0.218	23.98	-0.59
		2310.0	-0.70	1 / 12	24.18	23.48	0.223	23.98	-0.50
		2312.5	-0.70	1 / 24	24.17	23.47	0.222	23.98	-0.51
	16-QAM	2307.5	-0.70	1 / 0	23.17	22.47	0.176	23.98	-1.51
	64-QAM	2310.0	-0.70	1 / 24	22.20	21.50	0.141	23.98	-2.48
	256-QAM	2312.5	-0.70	1 / 0	19.20	18.50	0.071	23.98	-5.48
10 MHz	QPSK	2310.0	-0.70	1 / 25	24.00	23.30	0.214	23.98	-0.68
	16-QAM	2310.0	-0.70	1 / 0	23.13	22.43	0.175	23.98	-1.55
	64-QAM	2310.0	-0.70	1 / 25	22.16	21.46	0.140	23.98	-2.52
	256-QAM	2310.0	-0.70	1 / 0	19.17	18.47	0.070	23.98	-5.51

Table 7-14. Antenna 2b EIRP Data (LTE Band 30)

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	-1.20	1 / 24	24.20	23.00	0.200	33.01	-10.01
		2535.0	-1.20	1 / 0	23.76	22.56	0.180	33.01	-10.45
		2567.5	-1.20	1 / 24	24.18	22.98	0.199	33.01	-10.03
	16-QAM	2567.5	-1.20	1 / 0	23.14	21.94	0.156	33.01	-11.07
	64-QAM	2535.0	-1.20	1 / 24	22.17	20.97	0.125	33.01	-12.04
	256-QAM	2567.5	-1.20	1 / 0	19.29	18.09	0.064	33.01	-14.92
10 MHz	QPSK	2505.0	-1.20	1 / 25	24.13	22.93	0.196	33.01	-10.08
		2535.0	-1.20	1 / 0	24.10	22.90	0.195	33.01	-10.11
		2565.0	-1.20	1 / 0	24.16	22.96	0.198	33.01	-10.05
	16-QAM	2535.0	-1.20	1 / 25	23.02	21.82	0.152	33.01	-11.19
	64-QAM	2535.0	-1.20	1 / 0	22.16	20.96	0.125	33.01	-12.05
	256-QAM	2505.0	-1.20	1 / 25	19.30	18.10	0.065	33.01	-14.91
15 MHz	QPSK	2507.5	-1.20	1 / 74	24.05	22.85	0.193	33.01	-10.16
		2535.0	-1.20	1 / 74	24.08	22.88	0.194	33.01	-10.13
		2562.5	-1.20	1 / 0	23.84	22.64	0.184	33.01	-10.37
	16-QAM	2562.5	-1.20	1 / 0	23.21	22.01	0.159	33.01	-11.00
	64-QAM	2562.5	-1.20	1 / 37	22.10	20.90	0.123	33.01	-12.11
	256-QAM	2507.5	-1.20	1 / 0	19.25	18.05	0.064	33.01	-14.96
20 MHz	QPSK	2510.0	-1.20	1 / 99	24.13	22.93	0.196	33.01	-10.08
		2535.0	-1.20	1 / 99	24.03	22.83	0.192	33.01	-10.18
		2560.0	-1.20	1 / 99	24.19	22.99	0.199	33.01	-10.02
	16-QAM	2535.0	-1.20	1 / 0	23.19	21.99	0.158	33.01	-11.02
	64-QAM	2560.0	-1.20	1 / 50	22.12	20.92	0.124	33.01	-12.09
	256-QAM	2510.0	-1.20	1 / 50	19.22	18.02	0.063	33.01	-14.99

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 349 of 427

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LTE-Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-1.10	1 / 12	28.51	27.41	0.551	33.01	-5.60
		2593.0	-1.10	1 / 12	28.56	27.46	0.557	33.01	-5.55
		2687.5	-1.10	1 / 24	28.69	27.59	0.573	33.01	-5.43
	16-QAM	2498.5	-1.10	1 / 12	27.64	26.54	0.451	33.01	-6.47
	64-QAM	2687.5	-1.10	1 / 12	26.67	25.57	0.361	33.01	-7.44
	256-QAM	2687.5	-1.10	1 / 24	23.68	22.58	0.181	33.01	-10.43
10 MHz	QPSK	2501.0	-1.10	1 / 25	28.64	27.54	0.567	33.01	-5.47
		2593.0	-1.10	1 / 25	28.68	27.58	0.573	33.01	-5.43
		2685.0	-1.10	1 / 49	28.61	27.51	0.564	33.01	-5.50
	16-QAM	2593.0	-1.10	1 / 25	27.68	26.58	0.454	33.01	-6.44
	64-QAM	2685.0	-1.10	1 / 25	26.69	25.59	0.362	33.01	-7.42
	256-QAM	2501.0	-1.10	1 / 25	23.69	22.59	0.182	33.01	-10.42
15 MHz	QPSK	2503.5	-1.10	1 / 74	28.69	27.59	0.574	33.01	-5.42
		2593.0	-1.10	1 / 74	28.52	27.42	0.552	33.01	-5.59
		2682.5	-1.10	1 / 74	28.60	27.50	0.563	33.01	-5.51
	16-QAM	2593.0	-1.10	1 / 74	27.69	26.59	0.456	33.01	-6.42
	64-QAM	2682.5	-1.10	1 / 74	26.70	25.60	0.363	33.01	-7.41
	256-QAM	2503.5	-1.10	1 / 37	23.67	22.57	0.181	33.01	-10.44
20 MHz	QPSK	2506.0	-1.10	1 / 99	28.51	27.41	0.550	33.01	-5.60
		2593.0	-1.10	1 / 0	28.69	27.59	0.574	33.01	-5.42
		2680.0	-1.10	1 / 0	28.69	27.59	0.574	33.01	-5.42
	16-QAM	2680.0	-1.10	1 / 50	27.62	26.52	0.449	33.01	-6.49
	64-QAM	2506.0	-1.10	1 / 50	26.64	25.54	0.358	33.01	-7.48
	256-QAM	2593.0	-1.10	1 / 99	23.62	22.52	0.179	33.01	-10.49

Table 7-16. Antenna 2b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-1.10	1 / 12	25.58	24.48	0.281	33.01	-8.53
		2593.0	-1.10	1 / 0	25.68	24.58	0.287	33.01	-8.43
		2687.5	-1.10	1 / 12	25.59	24.49	0.281	33.01	-8.52
	16-QAM	2593.0	-1.10	1 / 0	24.69	23.59	0.229	33.01	-9.42
	64-QAM	2687.5	-1.10	1 / 24	23.63	22.53	0.179	33.01	-10.48
	256-QAM	2687.5	-1.10	1 / 0	20.67	19.57	0.090	33.01	-13.45
10 MHz	QPSK	2501.0	-1.10	1 / 25	25.46	24.36	0.273	33.01	-8.65
		2593.0	-1.10	1 / 49	25.55	24.45	0.278	33.01	-8.56
		2685.0	-1.10	1 / 25	25.66	24.56	0.286	33.01	-8.45
	16-QAM	2501.0	-1.10	1 / 49	24.70	23.60	0.229	33.01	-9.41
	64-QAM	2501.0	-1.10	1 / 49	23.60	22.50	0.178	33.01	-10.51
	256-QAM	2685.0	-1.10	1 / 49	20.66	19.56	0.090	33.01	-13.45
15 MHz	QPSK	2503.5	-1.10	1 / 74	25.51	24.41	0.276	33.01	-8.60
		2593.0	-1.10	1 / 37	25.67	24.57	0.286	33.01	-8.44
		2682.5	-1.10	1 / 0	25.65	24.55	0.285	33.01	-8.46
	16-QAM	2682.5	-1.10	1 / 37	24.70	23.60	0.229	33.01	-9.41
	64-QAM	2593.0	-1.10	1 / 0	23.63	22.53	0.179	33.01	-10.48
	256-QAM	2503.5	-1.10	1 / 37	20.61	19.51	0.089	33.01	-13.50
20 MHz	QPSK	2506.0	-1.10	1 / 99	25.67	24.57	0.286	33.01	-8.44
		2593.0	-1.10	1 / 0	25.57	24.47	0.280	33.01	-8.54
		2680.0	-1.10	1 / 0	25.66	24.56	0.286	33.01	-8.45
	16-QAM	2593.0	-1.10	1 / 0	24.67	23.57	0.228	33.01	-9.44
	64-QAM	2680.0	-1.10	1 / 99	23.69	22.59	0.181	33.01	-10.42
	256-QAM	2680.0	-1.10	1 / 99	20.67	19.57	0.090	33.01	-13.45

Table 7-17. Antenna 2b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	2307.5	-0.70	25 / 0	23.84	23.14	0.206	23.98	-0.84
		2310.0	-0.70	25 / 0	23.89	23.19	0.208	23.98	-0.79
		2312.5	-0.70	25 / 0	23.77	23.07	0.203	23.98	-0.91
	QPSK	2307.5	-0.70	25 / 0	23.86	23.16	0.207	23.98	-0.82
		2310.0	-0.70	25 / 0	23.69	22.99	0.199	23.98	-0.99
		2312.5	-0.70	25 / 0	23.77	23.07	0.203	23.98	-0.91
	16-QAM	2307.5	-0.70	25 / 0	21.86	21.16	0.131	23.98	-2.82
	64-QAM	2310.0	-0.70	25 / 0	21.37	20.67	0.117	23.98	-3.31
	256-QAM	2310.0	-0.70	25 / 0	19.30	18.60	0.072	23.98	-5.38
10 MHz	$\pi/2$ BPSK	2310.0	-0.70	50 / 0	23.89	23.19	0.208	23.98	-0.79
	QPSK	2310.0	-0.70	50 / 0	23.63	22.93	0.196	23.98	-1.05
	16-QAM	2310.0	-0.70	50 / 0	21.75	21.05	0.127	23.98	-2.93
	64-QAM	2310.0	-0.70	50 / 0	21.31	20.61	0.115	23.98	-3.37
	256-QAM	2310.0	-0.70	50 / 0	19.32	18.62	0.073	23.98	-5.36

Table 7-18. Antenna 2b EIRP Data (NR Band n30)

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	-1.20	1 / 12	24.20	23.00	0.200	33.01	-10.01
		2535.0	-1.20	1 / 12	24.15	22.95	0.197	33.01	-10.06
		2567.5	-1.20	1 / 12	24.03	22.83	0.192	33.01	-10.18
	QPSK	2502.5	-1.20	1 / 1	24.01	22.81	0.191	33.01	-10.20
		2535.0	-1.20	1 / 23	24.19	22.99	0.199	33.01	-10.02
		2567.5	-1.20	1 / 23	24.18	22.98	0.199	33.01	-10.03
	16-QAM	2502.5	-1.20	1 / 12	23.25	22.05	0.160	33.01	-10.96
	64-QAM	2502.5	-1.20	1 / 1	22.23	21.03	0.127	33.01	-11.98
10 MHz	π/2 BPSK	2505.0	-1.20	1 / 25	24.06	22.86	0.193	33.01	-10.15
		2535.0	-1.20	1 / 1	24.06	22.86	0.193	33.01	-10.15
		2565.0	-1.20	1 / 1	24.08	22.88	0.194	33.01	-10.13
	QPSK	2505.0	-1.20	1 / 25	24.19	22.99	0.199	33.01	-10.02
		2535.0	-1.20	1 / 1	24.09	22.89	0.195	33.01	-10.12
		2565.0	-1.20	1 / 1	24.20	23.00	0.200	33.01	-10.01
	16-QAM	2505.0	-1.20	1 / 1	23.15	21.95	0.157	33.01	-11.06
	64-QAM	2565.0	-1.20	1 / 25	22.20	21.00	0.126	33.01	-12.01
15 MHz	π/2 BPSK	2507.5	-1.20	1 / 77	23.90	22.70	0.186	33.01	-10.31
		2535.0	-1.20	1 / 77	24.15	22.95	0.197	33.01	-10.06
		2562.5	-1.20	1 / 1	24.14	22.94	0.197	33.01	-10.07
	QPSK	2507.5	-1.20	1 / 77	24.17	22.97	0.198	33.01	-10.04
		2535.0	-1.20	1 / 1	24.20	23.00	0.200	33.01	-10.01
		2562.5	-1.20	1 / 36	24.20	23.00	0.200	33.01	-10.01
	16-QAM	2507.5	-1.20	1 / 77	23.17	21.97	0.157	33.01	-11.04
	64-QAM	2562.5	-1.20	1 / 77	22.23	21.03	0.127	33.01	-11.98
20 MHz	π/2 BPSK	2535.0	-1.20	1 / 1	19.32	18.12	0.065	33.01	-14.89
		2510.0	-1.20	1 / 1	24.12	22.92	0.196	33.01	-10.09
		2535.0	-1.20	1 / 104	24.03	22.83	0.192	33.01	-10.18
	QPSK	2560.0	-1.20	1 / 50	24.10	22.90	0.195	33.01	-10.11
		2510.0	-1.20	1 / 104	24.20	23.00	0.200	33.01	-10.01
		2535.0	-1.20	1 / 1	24.13	22.93	0.196	33.01	-10.08
	16-QAM	2560.0	-1.20	1 / 1	24.06	22.86	0.193	33.01	-10.15
	64-QAM	2535.0	-1.20	1 / 50	23.17	21.97	0.157	33.01	-11.04
25 MHz	π/2 BPSK	2512.5	-1.20	1 / 131	24.08	22.88	0.194	33.01	-10.13
		2535.0	-1.20	1 / 64	24.14	22.94	0.197	33.01	-10.07
		2557.5	-1.20	1 / 131	24.15	22.95	0.197	33.01	-10.06
	QPSK	2512.5	-1.20	1 / 1	24.20	23.00	0.200	33.01	-10.01
		2535.0	-1.20	1 / 1	24.16	22.96	0.198	33.01	-10.05
		2557.5	-1.20	1 / 64	23.90	22.70	0.186	33.01	-10.31
	16-QAM	2557.5	-1.20	1 / 64	23.19	21.99	0.158	33.01	-11.02
	64-QAM	2512.5	-1.20	1 / 1	22.14	20.94	0.124	33.01	-12.07
30 MHz	π/2 BPSK	2512.5	-1.20	1 / 1	19.30	18.10	0.065	33.01	-14.91
		2515.0	-1.20	1 / 158	24.20	23.00	0.200	33.01	-10.01
		2535.0	-1.20	1 / 158	24.01	22.81	0.191	33.01	-10.20
	QPSK	2555.0	-1.20	1 / 80	24.18	22.98	0.199	33.01	-10.03
		2515.0	-1.20	1 / 158	23.99	22.79	0.190	33.01	-10.22
		2535.0	-1.20	1 / 80	24.00	22.80	0.191	33.01	-10.21
	16-QAM	2555.0	-1.20	1 / 1	24.08	22.88	0.194	33.01	-10.13
	64-QAM	2515.0	-1.20	1 / 158	23.23	22.03	0.160	33.01	-10.98
35 MHz	π/2 BPSK	2515.0	-1.20	1 / 1	22.23	21.03	0.127	33.01	-11.98
		2555.0	-1.20	1 / 80	19.36	18.16	0.065	33.01	-14.85
		2517.5	-1.20	1 / 93	24.20	23.00	0.200	33.01	-10.01
	QPSK	2535.0	-1.20	1 / 93	23.91	22.71	0.187	33.01	-10.30
		2552.5	-1.20	1 / 93	24.18	22.98	0.199	33.01	-10.03
		2517.5	-1.20	1 / 186	24.17	22.97	0.198	33.01	-10.04
	16-QAM	2535.0	-1.20	1 / 186	24.19	22.99	0.199	33.01	-10.02
	64-QAM	2552.5	-1.20	1 / 1	24.06	22.86	0.193	33.01	-10.15
40 MHz	π/2 BPSK	2517.5	-1.20	1 / 186	23.17	21.97	0.157	33.01	-11.04
		2517.5	-1.20	1 / 1	22.12	20.92	0.124	33.01	-12.09
		2552.5	-1.20	1 / 1	19.30	18.10	0.065	33.01	-14.91
	QPSK	2520.0	-1.20	1 / 214	24.05	22.85	0.193	33.01	-10.16
		2535.0	-1.20	1 / 108	24.20	23.00	0.200	33.01	-10.01
		2550.0	-1.20	1 / 1	24.19	22.99	0.199	33.01	-10.02
	16-QAM	2520.0	-1.20	1 / 108	24.17	22.97	0.198	33.01	-10.04
	64-QAM	2535.0	-1.20	1 / 214	24.11	22.91	0.195	33.01	-10.10
40 MHz	π/2 BPSK	2550.0	-1.20	1 / 1	23.81	22.61	0.182	33.01	-10.40
		2535.0	-1.20	1 / 214	23.19	21.99	0.158	33.01	-11.02
		2550.0	-1.20	1 / 214	22.17	20.97	0.125	33.01	-12.04
	16-QAM	2550.0	-1.20	1 / 1	19.27	18.07	0.064	33.01	-14.94

Table 7-19. Antenna 2b EIRP Data (NR Band n7)

FCC ID: BCGA3355	 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	-1.10	1 / 22	28.50	27.40	0.560	33.01	-5.61
		2593.0	-1.10	1 / 12	28.70	27.60	0.575	33.01	-5.41
		2685.0	-1.10	1 / 22	28.40	27.30	0.537	33.01	-5.71
	QPSK	2501.0	-1.10	1 / 22	28.57	27.47	0.558	33.01	-5.54
		2593.0	-1.10	1 / 12	28.53	27.43	0.553	33.01	-5.58
		2685.0	-1.10	1 / 12	28.43	27.33	0.541	33.01	-5.68
	16-QAM	2501.0	-1.10	1 / 22	27.57	26.47	0.444	33.01	-6.54
		2685.0	-1.10	1 / 22	26.69	25.59	0.362	33.01	-7.42
		2685.0	-1.10	1 / 22	23.78	22.68	0.185	33.01	-10.33
	256-QAM	2593.0	-1.10	1 / 18	28.70	27.60	0.575	33.01	-5.41
15 MHz	11/2 BPSK	2593.0	-1.10	1 / 18	28.66	27.56	0.570	33.01	-5.45
		2682.5	-1.10	1 / 36	28.66	27.56	0.570	33.01	-5.45
		2593.5	-1.10	1 / 36	28.61	27.51	0.564	33.01	-5.50
	QPSK	2593.0	-1.10	1 / 36	28.52	27.42	0.552	33.01	-5.59
		2682.5	-1.10	1 / 18	28.26	27.16	0.520	33.01	-5.85
		2682.5	-1.10	1 / 36	27.70	26.60	0.457	33.01	-6.41
	16-QAM	2593.5	-1.10	1 / 18	26.53	25.43	0.349	33.01	-7.58
		2682.5	-1.10	1 / 36	23.82	22.72	0.187	33.01	-10.29
		2506.0	-1.10	1 / 25	28.31	27.21	0.526	33.01	-5.80
	256-QAM	2593.0	-1.10	1 / 25	28.61	27.51	0.564	33.01	-5.50
20 MHz	11/2 BPSK	2680.0	-1.10	1 / 49	28.70	27.60	0.575	33.01	-5.41
		2593.0	-1.10	1 / 49	28.55	27.45	0.556	33.01	-5.56
		2593.0	-1.10	1 / 49	28.56	27.46	0.557	33.01	-5.55
	QPSK	2680.0	-1.10	1 / 49	28.61	27.51	0.564	33.01	-5.50
		2593.0	-1.10	1 / 49	27.68	26.58	0.455	33.01	-6.43
		2593.0	-1.10	1 / 25	26.56	25.46	0.352	33.01	-7.55
	16-QAM	2680.0	-1.10	1 / 49	23.72	22.62	0.183	33.01	-10.39
		2511.0	-1.10	1 / 76	28.70	27.60	0.575	33.01	-5.41
		2593.0	-1.10	1 / 76	28.48	27.38	0.547	33.01	-5.63
	256-QAM	2675.0	-1.10	1 / 36	28.65	27.55	0.569	33.01	-5.46
30 MHz	11/2 BPSK	2511.0	-1.10	1 / 36	28.60	27.50	0.562	33.01	-5.51
		2593.0	-1.10	1 / 36	28.53	27.43	0.553	33.01	-5.58
		2675.0	-1.10	1 / 36	28.64	27.54	0.568	33.01	-5.47
	QPSK	2511.0	-1.10	1 / 76	27.71	26.61	0.458	33.01	-6.40
		2511.0	-1.10	1 / 76	26.73	25.63	0.366	33.01	-7.38
		2675.0	-1.10	1 / 36	23.81	22.71	0.187	33.01	-10.30
	16-QAM	2516.0	-1.10	1 / 50	28.67	27.57	0.571	33.01	-5.44
		2593.0	-1.10	1 / 104	28.62	27.52	0.565	33.01	-5.49
		2670.0	-1.10	1 / 50	28.63	27.53	0.566	33.01	-5.48
	256-QAM	2516.0	-1.10	1 / 104	28.50	27.40	0.550	33.01	-5.61
40 MHz	11/2 BPSK	2593.0	-1.10	1 / 50	28.51	27.41	0.551	33.01	-5.60
		2670.0	-1.10	1 / 104	28.66	27.56	0.570	33.01	-5.45
		2593.0	-1.10	1 / 50	27.67	26.57	0.454	33.01	-6.44
	QPSK	2516.0	-1.10	1 / 50	26.67	25.57	0.361	33.01	-7.44
		2670.0	-1.10	1 / 104	23.70	22.60	0.182	33.01	-10.41
		2521.0	-1.10	1 / 64	28.68	27.58	0.573	33.01	-5.43
	16-QAM	2593.0	-1.10	1 / 64	28.51	27.41	0.551	33.01	-5.60
		2665.0	-1.10	1 / 64	28.62	27.52	0.565	33.01	-5.49
		2521.0	-1.10	1 / 64	28.65	27.55	0.569	33.01	-5.46
	256-QAM	2593.0	-1.10	1 / 131	28.59	27.49	0.561	33.01	-5.52
50 MHz	11/2 BPSK	2665.0	-1.10	1 / 64	28.70	27.60	0.575	33.01	-5.41
		2521.0	-1.10	1 / 131	27.65	26.55	0.452	33.01	-6.46
		2521.0	-1.10	1 / 64	26.58	25.48	0.353	33.01	-7.53
	QPSK	2521.0	-1.10	1 / 131	23.78	22.68	0.185	33.01	-10.33
		2526.0	-1.10	1 / 160	28.43	27.33	0.541	33.01	-5.68
		2593.0	-1.10	1 / 160	28.70	27.60	0.575	33.01	-5.41
	16-QAM	2660.0	-1.10	1 / 160	28.56	27.46	0.557	33.01	-5.55
		2526.0	-1.10	1 / 81	28.43	27.33	0.541	33.01	-5.68
		2593.0	-1.10	1 / 160	28.46	27.36	0.545	33.01	-5.65
	256-QAM	2660.0	-1.10	1 / 160	28.51	27.41	0.551	33.01	-5.60
60 MHz	11/2 BPSK	2660.0	-1.10	1 / 160	27.54	26.44	0.441	33.01	-6.57
		2660.0	-1.10	1 / 160	26.48	25.38	0.345	33.01	-7.63
		2526.0	-1.10	1 / 160	23.81	22.71	0.187	33.01	-10.30
	QPSK	2531.0	-1.10	1 / 187	28.44	27.34	0.542	33.01	-5.67
		2593.0	-1.10	1 / 90	28.56	27.46	0.557	33.01	-5.55
		2655.0	-1.10	1 / 90	28.65	27.55	0.569	33.01	-5.46
	16-QAM	2531.0	-1.10	1 / 90	28.47	27.37	0.546	33.01	-5.64
		2593.0	-1.10	1 / 187	28.70	27.60	0.575	33.01	-5.41
		2655.0	-1.10	1 / 187	28.65	27.55	0.569	33.01	-5.46
	256-QAM	2593.0	-1.10	1 / 187	27.63	26.53	0.450	33.01	-6.48
70 MHz	11/2 BPSK	2593.0	-1.10	1 / 90	26.71	25.61	0.364	33.01	-7.40
		2593.0	-1.10	1 / 90	23.80	22.70	0.186	33.01	-10.31
		2536.0	-1.10	1 / 215	28.67	27.57	0.571	33.01	-5.44
	QPSK	2593.0	-1.10	1 / 215	28.70	27.60	0.575	33.01	-5.41
		2650.0	-1.10	1 / 108	28.68	27.58	0.573	33.01	-5.43
		2536.0	-1.10	1 / 108	28.41	27.31	0.538	33.01	-5.70
	16-QAM	2593.0	-1.10	1 / 215	28.40	27.30	0.537	33.01	-5.71
		2650.0	-1.10	1 / 108	28.43	27.33	0.541	33.01	-5.68
		2536.0	-1.10	1 / 215	27.69	26.59	0.456	33.01	-6.42
	256-QAM	2536.0	-1.10	1 / 108	26.67	25.57	0.361	33.01	-7.44
80 MHz	11/2 BPSK	2536.0	-1.10	1 / 215	23.74	22.64	0.184	33.01	-10.37
		2541.0	-1.10	1 / 243	28.70	27.60	0.575	33.01	-5.41
		2593.0	-1.10	1 / 120	28.46	27.36	0.545	33.01	-5.65
	QPSK	2645.0	-1.10	1 / 120	28.62	27.52	0.565	33.01	-5.49
		2541.0	-1.10	1 / 120	28.58	27.48	0.560	33.01	-5.53
		2593.0	-1.10	1 / 120	28.67	27.57	0.571	33.01	-5.44
	16-QAM	2645.0	-1.10	1 / 120	28.59	27.49	0.561	33.01	-5.52
		2593.0	-1.10	1 / 120	27.67	26.57	0.454	33.01	-6.44
		2541.0	-1.10	1 / 243	26.66	25.56	0.360	33.01	-7.45
	256-QAM	2593.0	-1.10	1 / 243	23.74	22.64	0.184	33.01	-10.37
100 MHz	11/2 BPSK	2546.0	-1.10	1 / 135	28.39	27.29	0.536	33.01	-5.72
		2593.0	-1.10	1 / 135	28.67	27.57	0.571	33.01	-5.44
		2640.0	-1.10	1 / 135	28.70	27.60	0.575	33.01	-5.41
	QPSK	2546.0	-1.10	1 / 271	28.66	27.56	0.570	33.01	-5.45
		2593.0	-1.10	1 / 135	28.64	27.54	0.568	33.01	-5.47
		2640.0	-1.10	1 / 271	28.36	27.26	0.532	33.01	-5.75
	16-QAM	2593.0	-1.10	1 / 135	27.60	26.50	0.447	33.01	-6.51
		2640.0	-1.10	1 / 271	26.60	25.50	0.355	33.01	-7.51
		2640.0	-1.10	1 / 271	23.71	22.61	0.182	33.01	-10.40

Table 7-20. Antenna 2b EIRP Data (NR Band n41(PC2))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 354 of 427

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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	-1.10	1 / 22	25.65	24.55	0.285	33.01	-8.46
		2593.0	-1.10	1 / 22	25.41	24.31	0.270	33.01	-8.70
		2685.0	-1.10	1 / 12	25.59	24.49	0.281	33.01	-8.52
	QPSK	2501.0	-1.10	1 / 12	25.53	24.43	0.277	33.01	-8.58
		2593.0	-1.10	1 / 22	25.70	24.60	0.288	33.01	-8.41
		2685.0	-1.10	1 / 12	25.54	24.44	0.278	33.01	-8.57
	16-QAM	2501.0	-1.10	1 / 22	24.56	23.46	0.222	33.01	-9.95
		2593.0	-1.10	1 / 12	23.71	22.61	0.182	33.01	-10.40
		2685.0	-1.10	1 / 12	20.72	19.62	0.092	33.01	-13.39
	256-QAM	2501.0	-1.10	1 / 12	20.72	19.62	0.092	33.01	-13.39
15 MHz	π/2 BPSK	2503.5	-1.10	1 / 18	25.61	24.51	0.282	33.01	-8.50
		2593.0	-1.10	1 / 36	25.57	24.47	0.280	33.01	-8.54
		2682.5	-1.10	1 / 36	25.70	24.60	0.288	33.01	-8.41
	QPSK	2503.5	-1.10	1 / 18	25.23	24.13	0.259	33.01	-8.88
		2593.0	-1.10	1 / 18	25.65	24.55	0.285	33.01	-8.46
		2682.5	-1.10	1 / 36	25.38	24.28	0.268	33.01	-8.73
	16-QAM	2503.5	-1.10	1 / 18	24.70	23.60	0.229	33.01	-9.41
		2593.0	-1.10	1 / 18	23.65	22.55	0.180	33.01	-10.46
		2682.5	-1.10	1 / 18	20.80	19.70	0.093	33.01	-13.31
	256-QAM	2503.5	-1.10	1 / 18	20.80	19.70	0.093	33.01	-13.31
20 MHz	π/2 BPSK	2506.0	-1.10	1 / 49	25.39	24.29	0.269	33.01	-8.72
		2593.0	-1.10	1 / 25	25.51	24.41	0.276	33.01	-8.60
		2680.0	-1.10	1 / 25	25.41	24.31	0.270	33.01	-8.70
	QPSK	2506.0	-1.10	1 / 25	25.61	24.51	0.282	33.01	-8.50
		2593.0	-1.10	1 / 49	25.49	24.39	0.275	33.01	-8.62
		2680.0	-1.10	1 / 49	25.64	24.54	0.284	33.01	-8.47
	16-QAM	2506.0	-1.10	1 / 25	24.72	23.62	0.230	33.01	-9.39
		2680.0	-1.10	1 / 25	23.70	22.60	0.182	33.01	-10.41
		2680.0	-1.10	1 / 25	23.70	22.60	0.182	33.01	-10.41
	256-QAM	2506.0	-1.10	1 / 49	20.67	19.57	0.091	33.01	-13.44
30 MHz	π/2 BPSK	2511.0	-1.10	1 / 36	25.66	24.56	0.286	33.01	-8.45
		2593.0	-1.10	1 / 36	25.58	24.48	0.281	33.01	-8.53
		2675.0	-1.10	1 / 76	25.42	24.32	0.270	33.01	-8.69
	QPSK	2511.0	-1.10	1 / 76	25.43	24.33	0.271	33.01	-8.68
		2593.0	-1.10	1 / 36	25.67	24.57	0.286	33.01	-8.44
		2675.0	-1.10	1 / 36	25.28	24.18	0.262	33.01	-8.83
	16-QAM	2511.0	-1.10	1 / 36	24.37	23.27	0.212	33.01	-9.74
		2675.0	-1.10	1 / 36	23.70	22.60	0.182	33.01	-10.41
		2675.0	-1.10	1 / 36	23.70	22.60	0.182	33.01	-10.41
	256-QAM	2511.0	-1.10	1 / 76	20.81	19.71	0.094	33.01	-13.30
40 MHz	π/2 BPSK	2516.0	-1.10	1 / 50	25.68	24.58	0.287	33.01	-8.43
		2593.0	-1.10	1 / 50	25.63	24.53	0.284	33.01	-8.48
		2670.0	-1.10	1 / 50	25.28	24.18	0.262	33.01	-8.83
	QPSK	2516.0	-1.10	1 / 104	25.48	24.38	0.274	33.01	-8.63
		2593.0	-1.10	1 / 104	25.62	24.52	0.283	33.01	-8.49
		2670.0	-1.10	1 / 50	25.70	24.60	0.288	33.01	-8.41
	16-QAM	2516.0	-1.10	1 / 50	24.64	23.54	0.226	33.01	-9.47
		2593.0	-1.10	1 / 50	23.66	22.56	0.180	33.01	-10.45
		2670.0	-1.10	1 / 104	20.66	19.56	0.090	33.01	-13.45
	256-QAM	2516.0	-1.10	1 / 104	20.66	19.56	0.090	33.01	-13.45
50 MHz	π/2 BPSK	2521.0	-1.10	1 / 64	25.68	24.58	0.287	33.01	-8.43
		2593.0	-1.10	1 / 64	25.52	24.42	0.277	33.01	-8.59
		2665.0	-1.10	1 / 131	25.40	24.30	0.269	33.01	-8.71
	QPSK	2521.0	-1.10	1 / 64	25.64	24.54	0.284	33.01	-8.47
		2593.0	-1.10	1 / 64	25.70	24.60	0.288	33.01	-8.41
		2665.0	-1.10	1 / 64	25.48	24.38	0.274	33.01	-8.63
	16-QAM	2521.0	-1.10	1 / 64	24.49	23.39	0.218	33.01	-9.62
		2593.0	-1.10	1 / 131	23.64	22.54	0.179	33.01	-10.47
		2665.0	-1.10	1 / 64	20.67	19.57	0.091	33.01	-13.44
	256-QAM	2521.0	-1.10	1 / 64	20.67	19.57	0.091	33.01	-13.44
60 MHz	π/2 BPSK	2526.0	-1.10	1 / 81	25.47	24.37	0.274	33.01	-8.64
		2593.0	-1.10	1 / 160	25.53	24.43	0.277	33.01	-8.58
		2660.0	-1.10	1 / 81	25.57	24.47	0.280	33.01	-8.54
	QPSK	2526.0	-1.10	1 / 160	25.57	24.47	0.280	33.01	-8.54
		2593.0	-1.10	1 / 160	25.58	24.48	0.281	33.01	-8.53
		2660.0	-1.10	1 / 81	25.70	24.60	0.288	33.01	-8.41
	16-QAM	2526.0	-1.10	1 / 81	24.68	23.58	0.228	33.01	-9.43
		2593.0	-1.10	1 / 81	23.66	22.56	0.180	33.01	-10.45
		2660.0	-1.10	1 / 160	20.59	19.49	0.089	33.01	-13.52
	256-QAM	2526.0	-1.10	1 / 160	20.59	19.49	0.089	33.01	-13.52
70 MHz	π/2 BPSK	2531.0	-1.10	1 / 187	25.44	24.34	0.272	33.01	-8.67
		2593.0	-1.10	1 / 187	25.68	24.58	0.287	33.01	-8.43
		2655.0	-1.10	1 / 90	25.42	24.32	0.270	33.01	-8.69
	QPSK	2531.0	-1.10	1 / 90	25.52	24.42	0.277	33.01	-8.59
		2593.0	-1.10	1 / 187	25.59	24.49	0.281	33.01	-8.52
		2655.0	-1.10	1 / 187	25.63	24.53	0.284	33.01	-8.48
	16-QAM	2531.0	-1.10	1 / 90	24.65	23.55	0.226	33.01	-9.46
		2593.0	-1.10	1 / 90	23.68	22.58	0.181	33.01	-10.43
		2655.0	-1.10	1 / 187	20.85	19.75	0.094	33.01	-13.26
	256-QAM	2531.0	-1.10	1 / 187	20.85	19.75	0.094	33.01	-13.26
80 MHz	π/2 BPSK	2536.0	-1.10	1 / 215	25.62	24.52	0.283	33.01	-8.49
		2593.0	-1.10	1 / 108	25.70	24.60	0.288	33.01	-8.41
		2650.0	-1.10	1 / 108	25.60	24.50	0.282	33.01	-8.51
	QPSK	2536.0	-1.10	1 / 108	25.47	24.37	0.274	33.01	-8.64
		2593.0	-1.10	1 / 108	25.54	24.44	0.278	33.01	-8.57
		2650.0	-1.10	1 / 215	25.56	24.46	0.279	33.01	-8.55
	16-QAM	2536.0	-1.10	1 / 108	24.64	23.54	0.226	33.01	-9.47
		2593.0	-1.10	1 / 215	23.50	22.40	0.174	33.01	-10.61
		2650.0	-1.10	1 / 215	20.79	19.69	0.093	33.01	-13.32
	256-QAM	2536.0	-1.10	1 / 215	20.79	19.69	0.093	33.01	-13.32
90 MHz	π/2 BPSK	2541.0	-1.10	1 / 120	25.70	24.60	0.288	33.01	-8.41
		2593.0	-1.10	1 / 120	25.29	24.19	0.262	33.01	-8.82
		2645.0	-1.10	1 / 120	25.40	24.30	0.269	33.01	-8.71
	QPSK	2541.0	-1.10	1 / 120	25.38	24.28	0.268	33.01	-8.73
		2593.0	-1.10	1 / 120	25.50	24.40	0.275	33.01	-8.61
		2645.0	-1.10	1 / 243	25.61	24.51	0.282	33.01	-8.50
	16-QAM	2541.0	-1.10	1 / 120	24.70	23.60	0.229	33.01	-9.41
		2593.0	-1.10	1 / 243	23.55	22.45	0.176	33.01	-10.56
		2645.0	-1.10	1 / 243	20.81	19.71	0.094	33.01	-13.30
	256-QAM	2541.0	-1.10	1 / 243	20.81	19.71	0.094	33.01	-13.30
100 MHz	π/2 BPSK	2546.0	-1.10	1 / 271	25.60	24.50	0.282	33.01	-8.51
		2593.0	-1.10	1 / 135	25.45	24.35	0.272	33.01	-8.66
		2640.0	-1.10	1 / 135	25.70	24.60	0.288	33.01	-8.41
	QPSK	2546.0	-1.10	1 / 135	25.53	24.43	0.277	33.01	-8.58
		2593.0	-1.10	1 / 271	25.46	24.36	0.273	33.01	-8.65
		2640.0	-1.10	1 / 135	25.60	24.50	0.282	33.01	-8.51
	16-QAM	2546.0	-1.10	1 / 135	24.68	23.58	0.228	33.01	-9.43
		2593.0	-1.10	1 / 271	23.67	22.57	0.181	33.01	-10.44
		2640.0	-1.10	1 / 135	20.76	19.66	0.092	33.01	-13.35
	256-QAM	2546.0	-1.10	1 / 135	20.76	19.66	0.092	33.01	-13.35

Table 7-21. Antenna 2b EIRP Data (NR Band n41(PC3))

FCC ID: BCGA3355	 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	23.89	-1.20	22.69	0.186	33.01	-10.32
			21100	2535.0	1	99	21298		2549.8	1	0	23.87	-1.20	22.67	0.185	33.01	-10.34	
			21350	2560.0	1	0	21152		2540.2	1	99	24.19	-1.20	22.99	0.199	33.01	-10.02	
			QPSK	21350	2560	100	0	QPSK	21152	2540.2	100	0	22.78	-1.20	21.58	0.144	33.01	-11.43
			16-QAM	21350	2560	100	0	16-QAM	21152	2540.2	100	0	21.33	-1.20	20.13	0.103	33.01	-12.88
			64-QAM	21350	2560	100	0	64-QAM	21152	2540.2	100	0	20.47	-1.20	19.27	0.085	33.01	-13.74
			256-QAM	21350	2560	100	0	256-QAM	21152	2540.2	100	0	19.28	-1.20	18.08	0.064	33.01	-14.93

Table 7-22. Antenna 2b EIRP Data (ULCA LTE Band 7)

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC				SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]			
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB							UL RB Offset		
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	28.65	-1.10	27.55	0.568	33.01	-5.46		
				40620	2593.0	1	99		40818	2612.8	1	0	28.59	-1.10	27.49	0.561	33.01	-5.52		
				41490	2680.0	1	0		41292	2660.2	1	99	28.57	-1.10	27.47	0.558	33.01	-5.54		
			QPSK	39750	2506	100	0	QPSK	39948	2525.8	100	0	27.57	-1.10	26.47	0.443	33.01	-6.55		
				16-QAM	39750	2506	100		0	16-QAM	39948	2525.8	100	0	26.76	-1.10	25.66	0.368	33.01	-7.35
				64-QAM	39750	2506	100		0	64-QAM	39948	2525.8	100	0	26.30	-1.10	25.20	0.331	33.01	-7.81
			256-QAM	39750	2506	100	0	256-QAM	39948	2525.8	100	0	24.70	-1.10	23.60	0.229	33.01	-9.42		

Table 7-23. Antenna 2b EIRP Data (ULCA LTE Band 41 (PC2))

ULCA LTE Band 41(PC3)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset						
Max	LTE B41 (PC3)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	25.66	-1.10	24.56	0.286	33.01	-8.45
			40620	2593.0	1	99	40818		2612.8	1	0	25.56	-1.10	24.46	0.279	33.01	-8.55	
			41490	2680.0	1	0	41292		2660.2	1	99	25.67	-1.10	24.57	0.286	33.01	-8.44	
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	24.54	-1.10	23.44	0.221	33.01	-9.57
			16-QAM	41490	2680	100	0	16-QAM	41292	2660.2	100	0	23.79	-1.10	22.69	0.186	33.01	-10.32
			64-QAM	41490	2680	100	0	64-QAM	41292	2660.2	100	0	23.35	-1.10	22.25	0.168	33.01	-10.76
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	21.75	-1.10	20.65	0.116	33.01	-12.36

Table 7-24. Antenna 2b EIRP Data (ULCA LTE Band 41 (PC3))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.3 Antenna 3a - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	1.80	1 / 0	21.60	23.40	0.219	23.98	-0.58
		2310.0	1.80	1 / 0	21.65	23.45	0.221	23.98	-0.53
		2312.5	1.80	1 / 12	21.62	23.42	0.220	23.98	-0.56
	16-QAM	2310.0	1.80	1 / 0	20.63	22.43	0.175	23.98	-1.55
	64-QAM	2310.0	1.80	1 / 12	19.67	21.47	0.140	23.98	-2.51
	256-QAM	2312.5	1.80	1 / 12	16.67	18.47	0.070	23.98	-5.51
10 MHz	QPSK	2310.0	1.80	1 / 25	21.62	23.42	0.220	23.98	-0.56
	16-QAM	2310.0	1.80	1 / 49	20.68	22.48	0.177	23.98	-1.50
	64-QAM	2310.0	1.80	1 / 25	19.57	21.37	0.137	23.98	-2.61
	256-QAM	2310.0	1.80	1 / 49	16.70	18.50	0.071	23.98	-5.48

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2502.5	2.70	1 / 24	24.70	27.40	0.550	33.01	-5.61
		2535.0	2.70	1 / 12	24.34	27.04	0.506	33.01	-5.97
		2567.5	2.70	1 / 12	24.56	27.26	0.532	33.01	-5.75
	16-QAM	2502.5	2.70	1 / 24	23.69	26.39	0.436	33.01	-6.62
	64-QAM	2535.0	2.70	1 / 0	22.71	25.41	0.348	33.01	-7.60
	256-QAM	2535.0	2.70	1 / 0	19.71	22.41	0.174	33.01	-10.60
10 MHz	QPSK	2505.0	2.70	1 / 49	24.38	27.08	0.511	33.01	-5.93
		2535.0	2.70	1 / 25	24.62	27.32	0.540	33.01	-5.69
		2565.0	2.70	1 / 25	24.67	27.37	0.546	33.01	-5.64
	16-QAM	2535.0	2.70	1 / 25	23.70	26.40	0.437	33.01	-6.61
	64-QAM	2505.0	2.70	1 / 0	22.69	25.39	0.346	33.01	-7.62
	256-QAM	2565.0	2.70	1 / 49	19.74	22.44	0.175	33.01	-10.57
15 MHz	QPSK	2507.5	2.70	1 / 74	24.70	27.40	0.550	33.01	-5.61
		2535.0	2.70	1 / 0	24.61	27.31	0.538	33.01	-5.70
		2562.5	2.70	1 / 37	24.46	27.16	0.520	33.01	-5.85
	16-QAM	2507.5	2.70	1 / 0	23.69	26.39	0.436	33.01	-6.62
	64-QAM	2535.0	2.70	1 / 0	22.64	25.34	0.342	33.01	-7.67
	256-QAM	2535.0	2.70	1 / 74	19.77	22.47	0.177	33.01	-10.54
	QPSK	2510.0	2.70	1 / 99	24.47	27.17	0.521	33.01	-5.84
		2535.0	2.70	1 / 0	24.70	27.40	0.550	33.01	-5.61
		2560.0	2.70	1 / 0	24.57	27.27	0.533	33.01	-5.74
	16-QAM	2560.0	2.70	1 / 0	23.68	26.38	0.435	33.01	-6.63
20 MHz	64-QAM	2535.0	2.70	1 / 99	22.67	25.37	0.344	33.01	-7.64
	256-QAM	2510.0	2.70	1 / 99	19.80	22.50	0.178	33.01	-10.51

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	2.50	1 / 24	26.55	29.05	0.804	33.01	-3.96
		2593.0	2.50	1 / 24	26.65	29.15	0.822	33.01	-3.86
		2687.5	2.50	1 / 12	26.49	28.99	0.793	33.01	-4.02
	16-QAM	2498.5	2.50	1 / 12	25.66	28.16	0.654	33.01	-4.85
	64-QAM	2687.5	2.50	1 / 24	24.70	27.20	0.525	33.01	-5.81
	256-QAM	2498.5	2.50	1 / 24	21.70	24.20	0.263	33.01	-8.82
10 MHz	QPSK	2501.0	2.50	1 / 49	26.61	29.11	0.815	33.01	-3.90
		2593.0	2.50	1 / 49	26.59	29.09	0.811	33.01	-3.92
		2685.0	2.50	1 / 49	26.55	29.05	0.803	33.01	-3.96
	16-QAM	2593.0	2.50	1 / 0	25.64	28.14	0.651	33.01	-4.87
	64-QAM	2593.0	2.50	1 / 25	24.70	27.20	0.525	33.01	-5.81
	256-QAM	2593.0	2.50	1 / 0	21.69	24.19	0.263	33.01	-8.82
15 MHz	QPSK	2503.5	2.50	1 / 37	26.62	29.12	0.817	33.01	-3.89
		2593.0	2.50	1 / 74	26.53	29.03	0.799	33.01	-3.99
		2682.5	2.50	1 / 37	26.65	29.15	0.823	33.01	-3.86
	16-QAM	2682.5	2.50	1 / 0	25.69	28.19	0.659	33.01	-4.82
	64-QAM	2503.5	2.50	1 / 37	24.68	27.18	0.522	33.01	-5.83
	256-QAM	2682.5	2.50	1 / 74	21.67	24.17	0.261	33.01	-8.84
20 MHz	QPSK	2506.0	2.50	1 / 99	26.44	28.94	0.784	33.01	-4.07
		2593.0	2.50	1 / 50	26.70	29.20	0.832	33.01	-3.81
		2680.0	2.50	1 / 0	26.66	29.16	0.823	33.01	-3.86
	16-QAM	2680.0	2.50	1 / 50	25.59	28.09	0.644	33.01	-4.92
	64-QAM	2680.0	2.50	1 / 50	24.70	27.20	0.525	33.01	-5.81
	256-QAM	2680.0	2.50	1 / 0	21.64	24.14	0.259	33.01	-8.88

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	2.50	1 / 24	25.70	28.20	0.660	33.01	-4.82
		2593.0	2.50	1 / 12	25.60	28.10	0.646	33.01	-4.91
		2687.5	2.50	1 / 0	25.62	28.12	0.648	33.01	-4.89
	16-QAM	2498.5	2.50	1 / 12	24.68	27.18	0.523	33.01	-5.83
	64-QAM	2593.0	2.50	1 / 0	23.62	26.12	0.409	33.01	-6.89
	256-QAM	2687.5	2.50	1 / 0	20.69	23.19	0.208	33.01	-9.82
10 MHz	QPSK	2501.0	2.50	1 / 49	25.44	27.94	0.622	33.01	-5.07
		2593.0	2.50	1 / 25	25.68	28.18	0.658	33.01	-4.83
		2685.0	2.50	1 / 25	25.67	28.17	0.656	33.01	-4.84
	16-QAM	2501.0	2.50	1 / 25	24.68	27.18	0.523	33.01	-5.83
	64-QAM	2593.0	2.50	1 / 25	23.69	26.19	0.416	33.01	-6.82
	256-QAM	2501.0	2.50	1 / 49	20.70	23.20	0.209	33.01	-9.81
15 MHz	QPSK	2503.5	2.50	1 / 37	25.61	28.11	0.647	33.01	-4.90
		2593.0	2.50	1 / 74	25.66	28.16	0.655	33.01	-4.85
		2682.5	2.50	1 / 74	25.61	28.11	0.647	33.01	-4.90
	16-QAM	2593.0	2.50	1 / 37	24.68	27.18	0.523	33.01	-5.83
	64-QAM	2593.0	2.50	1 / 0	23.68	26.18	0.415	33.01	-6.83
	256-QAM	2682.5	2.50	1 / 37	20.66	23.16	0.207	33.01	-9.85
20 MHz	QPSK	2506.0	2.50	1 / 99	25.64	28.14	0.651	33.01	-4.87
		2593.0	2.50	1 / 99	25.54	28.04	0.637	33.01	-4.97
		2680.0	2.50	1 / 0	25.68	28.18	0.658	33.01	-4.83
	16-QAM	2593.0	2.50	1 / 50	24.67	27.17	0.521	33.01	-5.84
	64-QAM	2593.0	2.50	1 / 50	23.63	26.13	0.410	33.01	-6.89
	256-QAM	2506.0	2.50	1 / 99	20.60	23.10	0.204	33.01	-9.91

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

FCC ID: BCGA3355	 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	1.80	25 / 0	21.11	22.91	0.195	23.98	-1.07
		2310.0	1.80	25 / 0	21.18	22.98	0.198	23.98	-1.00
		2312.5	1.80	25 / 0	21.33	23.13	0.205	23.98	-0.85
	QPSK	2307.5	1.80	25 / 0	21.38	23.18	0.208	23.98	-0.80
		2310.0	1.80	25 / 0	21.15	22.95	0.197	23.98	-1.03
		2312.5	1.80	25 / 0	21.39	23.19	0.209	23.98	-0.79
	16-QAM	2310.0	1.80	25 / 0	19.37	21.17	0.131	23.98	-2.81
	64-QAM	2312.5	1.80	25 / 0	18.82	20.62	0.115	23.98	-3.36
	256-QAM	2307.5	1.80	25 / 0	16.83	18.63	0.073	23.98	-5.35
10 MHz	$\pi/2$ BPSK	2310.0	1.80	50 / 0	21.26	23.06	0.202	23.98	-0.92
	QPSK	2310.0	1.80	50 / 0	21.25	23.05	0.202	23.98	-0.93
	16-QAM	2310.0	1.80	50 / 0	19.14	20.94	0.124	23.98	-3.04
	64-QAM	2310.0	1.80	50 / 0	18.67	20.47	0.111	23.98	-3.51
	256-QAM	2310.0	1.80	50 / 0	16.77	18.57	0.072	23.98	-5.41

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n7

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	2502.5	2.70	1 / 1	24.62	27.32	0.540	33.01	-5.69
		2535.0	2.70	1 / 23	24.43	27.13	0.516	33.01	-5.88
		2567.5	2.70	1 / 1	24.58	27.28	0.535	33.01	-5.73
	QPSK	2502.5	2.70	1 / 23	24.70	27.40	0.550	33.01	-5.61
		2535.0	2.70	1 / 12	24.59	27.29	0.536	33.01	-5.72
		2567.5	2.70	1 / 1	24.70	27.40	0.550	33.01	-5.61
	16-QAM	2567.5	2.70	1 / 23	23.76	26.46	0.443	33.01	-6.55
	64-QAM	2567.5	2.70	1 / 12	22.77	25.47	0.352	33.01	-7.54
10 MHz	π/2 BPSK	2505.0	2.70	1 / 50	24.52	27.22	0.527	33.01	-5.79
		2535.0	2.70	1 / 25	24.56	27.26	0.532	33.01	-5.75
		2565.0	2.70	1 / 1	24.57	27.27	0.533	33.01	-5.74
	QPSK	2505.0	2.70	1 / 25	24.70	27.40	0.550	33.01	-5.61
		2535.0	2.70	1 / 1	24.51	27.21	0.526	33.01	-5.80
		2565.0	2.70	1 / 1	24.35	27.05	0.507	33.01	-5.96
	16-QAM	2535.0	2.70	1 / 25	23.69	26.39	0.436	33.01	-6.62
	64-QAM	2565.0	2.70	1 / 1	22.72	25.42	0.348	33.01	-7.59
15 MHz	π/2 BPSK	2507.5	2.70	1 / 36	24.62	27.32	0.540	33.01	-5.69
		2535.0	2.70	1 / 1	24.70	27.40	0.550	33.01	-5.61
		2562.5	2.70	1 / 1	24.68	27.38	0.547	33.01	-5.63
	QPSK	2507.5	2.70	1 / 77	24.54	27.24	0.530	33.01	-5.77
		2535.0	2.70	1 / 77	24.42	27.12	0.515	33.01	-5.89
		2562.5	2.70	1 / 77	24.57	27.27	0.533	33.01	-5.74
	16-QAM	2535.0	2.70	1 / 36	23.69	26.39	0.436	33.01	-6.62
	64-QAM	2562.5	2.70	1 / 36	22.69	25.39	0.346	33.01	-7.62
20 MHz	π/2 BPSK	2535.0	2.70	1 / 1	19.81	22.51	0.178	33.01	-10.50
		2510.0	2.70	1 / 50	24.70	27.40	0.550	33.01	-5.61
		2535.0	2.70	1 / 1	24.64	27.34	0.542	33.01	-5.67
	QPSK	2560.0	2.70	1 / 50	24.57	27.27	0.533	33.01	-5.74
		2510.0	2.70	1 / 1	24.70	27.40	0.550	33.01	-5.61
		2535.0	2.70	1 / 104	24.48	27.18	0.522	33.01	-5.83
	16-QAM	2560.0	2.70	1 / 1	24.41	27.11	0.514	33.01	-5.90
	64-QAM	2560.0	2.70	1 / 50	23.73	26.43	0.440	33.01	-6.58
25 MHz	π/2 BPSK	2535.0	2.70	1 / 50	22.70	25.40	0.347	33.01	-7.61
		2535.0	2.70	1 / 1	19.82	22.52	0.179	33.01	-10.49
		2512.5	2.70	1 / 64	24.70	27.40	0.550	33.01	-5.61
	QPSK	2535.0	2.70	1 / 64	24.63	27.33	0.541	33.01	-5.68
		2557.5	2.70	1 / 131	24.63	27.33	0.541	33.01	-5.68
		2512.5	2.70	1 / 131	24.69	27.39	0.548	33.01	-5.62
	16-QAM	2535.0	2.70	1 / 64	24.58	27.28	0.535	33.01	-5.73
	64-QAM	2557.5	2.70	1 / 131	24.25	26.95	0.495	33.01	-6.06
30 MHz	π/2 BPSK	2535.0	2.70	1 / 131	23.64	26.34	0.431	33.01	-6.67
		2557.5	2.70	1 / 131	22.66	25.36	0.344	33.01	-7.65
		2512.5	2.70	1 / 64	19.79	22.49	0.177	33.01	-10.52
	QPSK	2515.0	2.70	1 / 1	24.65	27.35	0.543	33.01	-5.66
		2535.0	2.70	1 / 80	24.57	27.27	0.533	33.01	-5.74
		2555.0	2.70	1 / 1	24.70	27.40	0.550	33.01	-5.61
	16-QAM	2515.0	2.70	1 / 1	24.55	27.25	0.531	33.01	-5.76
	64-QAM	2535.0	2.70	1 / 1	24.69	27.39	0.548	33.01	-5.62
35 MHz	π/2 BPSK	2555.0	2.70	1 / 80	24.69	27.39	0.548	33.01	-5.62
		2535.0	2.70	1 / 80	23.67	26.37	0.434	33.01	-6.64
		2555.0	2.70	1 / 80	22.65	25.35	0.343	33.01	-7.66
	QPSK	2555.0	2.70	1 / 158	19.78	22.48	0.177	33.01	-10.53
		2517.5	2.70	1 / 93	24.63	27.33	0.541	33.01	-5.68
		2535.0	2.70	1 / 186	24.62	27.32	0.540	33.01	-5.69
		2552.5	2.70	1 / 93	24.60	27.30	0.537	33.01	-5.71
	16-QAM	2517.5	2.70	1 / 93	24.70	27.40	0.550	33.01	-5.61
40 MHz	π/2 BPSK	2535.0	2.70	1 / 186	24.42	27.12	0.515	33.01	-5.89
		2552.5	2.70	1 / 93	24.69	27.39	0.548	33.01	-5.62
		2517.5	2.70	1 / 1	23.65	26.35	0.432	33.01	-6.66
	QPSK	2517.5	2.70	1 / 1	22.70	25.40	0.347	33.01	-7.61
		2517.5	2.70	1 / 186	19.82	22.52	0.179	33.01	-10.49
		2520.0	2.70	1 / 108	24.70	27.40	0.550	33.01	-5.61
	16-QAM	2535.0	2.70	1 / 1	24.59	27.29	0.536	33.01	-5.72
		2550.0	2.70	1 / 108	24.70	27.40	0.550	33.01	-5.61
	64-QAM	2520.0	2.70	1 / 1	24.56	27.26	0.532	33.01	-5.75
		2535.0	2.70	1 / 214	24.38	27.08	0.511	33.01	-5.93
		2550.0	2.70	1 / 1	24.63	27.33	0.541	33.01	-5.68
	256-QAM	2550.0	2.70	1 / 108	23.57	26.27	0.424	33.01	-6.74
		2550.0	2.70	1 / 1	22.70	25.40	0.347	33.01	-7.61
		2550.0	2.70	1 / 214	19.80	22.50	0.178	33.01	-10.51

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 362 of 427

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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]	ERP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	2.50	1 / 12	26.70	29.20	0.832	33.01	-3.81
		2593.0	2.50	1 / 12	26.30	28.80	0.759	33.01	-4.21
		2685.0	2.50	1 / 12	26.63	29.13	0.818	33.01	-3.88
	QPSK	2501.0	2.50	1 / 22	26.58	29.08	0.809	33.01	-3.93
		2593.0	2.50	1 / 22	26.52	29.02	0.798	33.01	-3.99
		2685.0	2.50	1 / 12	26.69	29.19	0.830	33.01	-3.82
	16-QAM	2501.0	2.50	1 / 12	25.71	28.21	0.662	33.01	-4.80
		2593.0	2.50	1 / 22	24.62	27.12	0.515	33.01	-5.89
		256-QAM	2501.0	2.50	1 / 12	21.82	24.32	0.270	33.01
15 MHz	11/2 BPSK	2503.5	2.50	1 / 18	26.49	28.99	0.793	33.01	-4.02
		2593.0	2.50	1 / 36	26.62	29.12	0.817	33.01	-3.89
		2682.5	2.50	1 / 18	26.70	29.20	0.832	33.01	-3.81
	QPSK	2503.5	2.50	1 / 36	26.48	29.14	0.820	33.01	-3.87
		2593.0	2.50	1 / 18	26.48	28.98	0.791	33.01	-4.03
		2682.5	2.50	1 / 18	26.62	29.12	0.817	33.01	-3.89
	16-QAM	2593.0	2.50	1 / 36	25.59	28.09	0.644	33.01	-4.92
		2503.5	2.50	1 / 18	24.65	27.15	0.519	33.01	-5.86
		256-QAM	2593.0	2.50	1 / 18	21.82	24.32	0.270	33.01
20 MHz	11/2 BPSK	2506.0	2.50	1 / 49	26.70	29.20	0.832	33.01	-3.81
		2593.0	2.50	1 / 49	26.67	29.17	0.826	33.01	-3.84
		2680.0	2.50	1 / 49	26.70	29.20	0.832	33.01	-3.81
	QPSK	2506.0	2.50	1 / 25	26.69	29.19	0.830	33.01	-3.82
		2593.0	2.50	1 / 25	26.34	28.84	0.766	33.01	-4.17
		2680.0	2.50	1 / 25	26.63	29.13	0.818	33.01	-3.88
	16-QAM	2680.0	2.50	1 / 49	25.70	28.20	0.661	33.01	-4.81
		2506.0	2.50	1 / 49	24.61	27.11	0.514	33.01	-5.90
		256-QAM	2593.0	2.50	1 / 25	21.79	24.29	0.269	33.01
30 MHz	11/2 BPSK	2511.0	2.50	1 / 76	26.66	29.16	0.824	33.01	-3.85
		2593.0	2.50	1 / 76	26.67	29.17	0.826	33.01	-3.84
		2675.0	2.50	1 / 36	26.69	29.19	0.830	33.01	-3.82
	QPSK	2511.0	2.50	1 / 76	26.55	29.05	0.804	33.01	-3.96
		2593.0	2.50	1 / 36	26.52	29.02	0.798	33.01	-3.99
		2675.0	2.50	1 / 76	26.65	29.15	0.822	33.01	-3.86
	16-QAM	2675.0	2.50	1 / 36	25.63	28.13	0.650	33.01	-4.88
		2675.0	2.50	1 / 36	24.71	27.21	0.526	33.01	-5.80
		256-QAM	2511.0	2.50	1 / 36	21.73	24.23	0.265	33.01
40 MHz	11/2 BPSK	2516.0	2.50	1 / 104	26.62	29.12	0.817	33.01	-3.89
		2593.0	2.50	1 / 104	26.67	29.17	0.826	33.01	-3.84
		2670.0	2.50	1 / 50	26.64	29.14	0.820	33.01	-3.87
	QPSK	2516.0	2.50	1 / 50	26.61	29.11	0.815	33.01	-3.90
		2593.0	2.50	1 / 50	26.67	29.17	0.826	33.01	-3.84
		2670.0	2.50	1 / 104	26.51	29.01	0.796	33.01	-4.00
	16-QAM	2593.0	2.50	1 / 50	25.67	28.17	0.656	33.01	-4.84
		2593.0	2.50	1 / 104	24.70	27.20	0.525	33.01	-5.81
		256-QAM	2516.0	2.50	1 / 104	21.79	24.29	0.269	33.01
50 MHz	11/2 BPSK	2521.0	2.50	1 / 131	26.70	29.20	0.832	33.01	-3.81
		2593.0	2.50	1 / 131	26.62	29.12	0.817	33.01	-3.89
		2665.0	2.50	1 / 131	26.62	29.12	0.817	33.01	-3.89
	QPSK	2521.0	2.50	1 / 131	26.65	29.15	0.822	33.01	-3.86
		2593.0	2.50	1 / 131	26.57	29.07	0.807	33.01	-3.94
		2665.0	2.50	1 / 64	26.66	29.16	0.824	33.01	-3.85
	16-QAM	2665.0	2.50	1 / 131	25.72	28.22	0.664	33.01	-4.79
		2665.0	2.50	1 / 64	24.69	27.19	0.524	33.01	-5.82
		256-QAM	2665.0	2.50	1 / 64	21.72	24.22	0.264	33.01
60 MHz	11/2 BPSK	2526.0	2.50	1 / 81	26.65	29.15	0.822	33.01	-3.86
		2593.0	2.50	1 / 160	26.59	29.09	0.811	33.01	-3.92
		2660.0	2.50	1 / 160	26.37	28.87	0.771	33.01	-4.14
	QPSK	2526.0	2.50	1 / 160	26.70	29.20	0.832	33.01	-3.81
		2593.0	2.50	1 / 160	26.69	29.19	0.830	33.01	-3.82
		2660.0	2.50	1 / 81	26.69	29.19	0.830	33.01	-3.82
	16-QAM	2660.0	2.50	1 / 160	25.55	28.05	0.638	33.01	-4.96
		2593.0	2.50	1 / 81	24.74	27.24	0.530	33.01	-5.77
		256-QAM	2526.0	2.50	1 / 81	21.82	24.32	0.270	33.01
70 MHz	11/2 BPSK	2531.0	2.50	1 / 187	26.61	29.11	0.815	33.01	-3.90
		2593.0	2.50	1 / 90	26.67	29.17	0.826	33.01	-3.84
		2655.0	2.50	1 / 187	26.66	29.16	0.824	33.01	-3.85
	QPSK	2531.0	2.50	1 / 187	26.49	28.99	0.793	33.01	-4.02
		2593.0	2.50	1 / 90	26.49	28.99	0.793	33.01	-4.02
		2655.0	2.50	1 / 90	26.70	29.20	0.832	33.01	-3.81
	16-QAM	2655.0	2.50	1 / 90	25.65	28.15	0.653	33.01	-4.86
		2655.0	2.50	1 / 90	24.59	27.09	0.512	33.01	-5.92
		256-QAM	2655.0	2.50	1 / 187	21.82	24.32	0.270	33.01
80 MHz	11/2 BPSK	2536.0	2.50	1 / 108	26.43	28.93	0.782	33.01	-4.08
		2593.0	2.50	1 / 108	26.49	28.99	0.793	33.01	-4.02
		2650.0	2.50	1 / 215	26.50	29.00	0.794	33.01	-4.01
	QPSK	2536.0	2.50	1 / 108	26.36	28.86	0.769	33.01	-4.15
		2593.0	2.50	1 / 108	26.70	29.20	0.832	33.01	-3.81
		2650.0	2.50	1 / 108	26.70	29.20	0.832	33.01	-3.81
	16-QAM	2593.0	2.50	1 / 215	25.73	28.23	0.665	33.01	-4.78
		2536.0	2.50	1 / 215	24.74	27.24	0.530	33.01	-5.77
		256-QAM	2650.0	2.50	1 / 108	21.85	24.35	0.272	33.01
90 MHz	11/2 BPSK	2541.0	2.50	1 / 243	26.51	29.01	0.796	33.01	-4.00
		2593.0	2.50	1 / 120	26.67	29.17	0.826	33.01	-3.84
		2645.0	2.50	1 / 120	26.67	29.17	0.826	33.01	-3.84
	QPSK	2541.0	2.50	1 / 120	26.69	29.19	0.830	33.01	-3.82
		2593.0	2.50	1 / 120	26.36	28.86	0.769	33.01	-4.15
		2645.0	2.50	1 / 120	26.70	29.20	0.832	33.01	-3.81
	16-QAM	2541.0	2.50	1 / 243	25.60	28.10	0.646	33.01	-4.91
		2541.0	2.50	1 / 120	24.45	26.95	0.495	33.01	-6.06
		256-QAM	2541.0	2.50	1 / 120	21.54	24.04	0.254	33.01
100 MHz	11/2 BPSK	2546.0	2.50	1 / 135	26.56	29.06	0.805	33.01	-3.95
		2593.0	2.50	1 / 135	26.28	28.78	0.755	33.01	-4.23
		2640.0	2.50	1 / 271	26.53	29.03	0.800	33.01	-3.98
	QPSK	2546.0	2.50	1 / 135	26.42	28.92	0.780	33.01	-4.09
		2593.0	2.50	1 / 271	26.70	29.20	0.832	33.01	-3.81
		2640.0	2.50	1 / 135	26.68	29.18	0.828	33.01	-3.83
	16-QAM	2593.0	2.50	1 / 271	25.43	27.93	0.621	33.01	-5.08
		2640.0	2.50	1 / 271	24.67	27.17	0.521	33.01	-5.94
		256-QAM	2593.0	2.50	1 / 271	21.79	24.29	0.269	33.01

Table 7-31. Antenna 3a EIRP Data (NR Band n41(PC2))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 363 of 427

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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	2.50	1 / 12	25.28	27.78	0.600	33.01	-5.23
		2593.0	2.50	1 / 12	25.68	28.18	0.658	33.01	-4.83
		2685.0	2.50	1 / 22	25.70	28.20	0.661	33.01	-4.81
	QPSK	2501.0	2.50	1 / 12	25.63	28.13	0.650	33.01	-4.88
		2593.0	2.50	1 / 22	25.57	28.07	0.641	33.01	-4.94
		2685.0	2.50	1 / 12	25.59	28.09	0.644	33.01	-4.92
	16-QAM	2685.0	2.50	1 / 22	24.58	27.08	0.511	33.01	-5.93
		2501.0	2.50	1 / 22	23.65	26.15	0.412	33.01	-6.86
		2685.0	2.50	1 / 22	20.68	23.18	0.308	33.01	-9.83
	256-QAM	2501.0	2.50	1 / 22	20.68	23.18	0.308	33.01	-9.83
15 MHz	11/2 BPSK	2593.5	2.50	1 / 36	25.62	28.12	0.649	33.01	-4.89
		2593.0	2.50	1 / 36	25.43	27.93	0.621	33.01	-5.08
		2682.5	2.50	1 / 36	25.26	27.76	0.597	33.01	-5.25
	QPSK	2593.5	2.50	1 / 18	25.62	28.12	0.649	33.01	-4.89
		2593.0	2.50	1 / 18	25.54	28.04	0.637	33.01	-4.97
		2682.5	2.50	1 / 18	25.70	28.20	0.661	33.01	-4.81
	16-QAM	2593.5	2.50	1 / 36	24.62	27.12	0.515	33.01	-5.89
		2593.0	2.50	1 / 36	23.49	25.99	0.397	33.01	-7.02
		2682.5	2.50	1 / 18	20.81	23.31	0.214	33.01	-9.70
	256-QAM	2593.0	2.50	1 / 18	20.81	23.31	0.214	33.01	-9.70
20 MHz	11/2 BPSK	2506.0	2.50	1 / 49	25.70	28.20	0.661	33.01	-4.81
		2593.0	2.50	1 / 25	25.42	27.92	0.619	33.01	-5.09
		2680.0	2.50	1 / 49	25.58	28.08	0.643	33.01	-4.93
	QPSK	2506.0	2.50	1 / 25	25.54	28.04	0.637	33.01	-4.97
		2593.0	2.50	1 / 49	25.41	27.91	0.618	33.01	-5.10
		2680.0	2.50	1 / 49	25.38	27.88	0.614	33.01	-5.13
	16-QAM	2593.0	2.50	1 / 49	24.71	27.21	0.526	33.01	-5.80
		2593.0	2.50	1 / 49	23.74	26.24	0.421	33.01	-6.77
		2680.0	2.50	1 / 25	20.81	23.31	0.214	33.01	-9.70
	256-QAM	2593.0	2.50	1 / 25	20.81	23.31	0.214	33.01	-9.70
30 MHz	11/2 BPSK	2511.0	2.50	1 / 76	25.68	28.18	0.658	33.01	-4.83
		2593.0	2.50	1 / 76	25.50	28.00	0.638	33.01	-4.96
		2675.0	2.50	1 / 76	25.45	27.95	0.624	33.01	-5.06
	QPSK	2511.0	2.50	1 / 76	25.43	27.93	0.621	33.01	-5.08
		2593.0	2.50	1 / 76	25.70	28.20	0.661	33.01	-4.81
		2675.0	2.50	1 / 76	25.36	27.86	0.611	33.01	-5.15
	16-QAM	2593.0	2.50	1 / 36	24.64	27.14	0.518	33.01	-5.87
		2511.0	2.50	1 / 36	23.60	26.10	0.407	33.01	-6.91
		2611.0	2.50	1 / 36	20.78	23.28	0.213	33.01	-9.73
	256-QAM	2511.0	2.50	1 / 36	20.78	23.28	0.213	33.01	-9.73
40 MHz	11/2 BPSK	2516.0	2.50	1 / 50	25.64	28.14	0.652	33.01	-4.87
		2593.0	2.50	1 / 104	25.70	28.20	0.661	33.01	-4.81
		2670.0	2.50	1 / 50	25.46	27.96	0.625	33.01	-5.05
	QPSK	2516.0	2.50	1 / 50	25.50	28.00	0.631	33.01	-5.01
		2593.0	2.50	1 / 50	25.34	27.84	0.608	33.01	-5.17
		2670.0	2.50	1 / 50	25.51	28.01	0.632	33.01	-5.00
	16-QAM	2593.0	2.50	1 / 104	24.70	27.20	0.525	33.01	-5.81
		2670.0	2.50	1 / 50	23.66	26.16	0.413	33.01	-6.85
		2516.0	2.50	1 / 104	20.73	23.23	0.210	33.01	-9.78
	256-QAM	2516.0	2.50	1 / 104	20.73	23.23	0.210	33.01	-9.78
50 MHz	11/2 BPSK	2521.0	2.50	1 / 131	25.60	28.10	0.646	33.01	-4.91
		2593.0	2.50	1 / 131	25.69	28.19	0.659	33.01	-4.82
		2665.0	2.50	1 / 131	25.69	28.19	0.659	33.01	-4.82
	QPSK	2521.0	2.50	1 / 64	25.50	28.00	0.631	33.01	-5.01
		2593.0	2.50	1 / 131	25.70	28.20	0.661	33.01	-4.81
		2665.0	2.50	1 / 64	25.53	28.03	0.635	33.01	-4.98
	16-QAM	2521.0	2.50	1 / 131	24.73	27.23	0.528	33.01	-5.78
		2521.0	2.50	1 / 64	23.71	26.21	0.418	33.01	-6.80
		2665.0	2.50	1 / 131	20.82	23.32	0.215	33.01	-9.69
	256-QAM	2665.0	2.50	1 / 131	20.82	23.32	0.215	33.01	-9.69
60 MHz	11/2 BPSK	2526.0	2.50	1 / 160	25.52	28.02	0.634	33.01	-4.99
		2593.0	2.50	1 / 160	25.31	27.81	0.604	33.01	-5.20
		2660.0	2.50	1 / 81	25.38	27.88	0.614	33.01	-5.13
	QPSK	2526.0	2.50	1 / 160	25.70	28.20	0.661	33.01	-4.81
		2593.0	2.50	1 / 81	25.47	27.97	0.627	33.01	-5.04
		2660.0	2.50	1 / 81	25.37	27.87	0.612	33.01	-5.14
	16-QAM	2526.0	2.50	1 / 81	24.58	27.08	0.511	33.01	-5.93
		2526.0	2.50	1 / 81	23.69	26.19	0.416	33.01	-6.82
		2593.0	2.50	1 / 81	20.80	23.30	0.214	33.01	-9.71
	256-QAM	2593.0	2.50	1 / 81	20.80	23.30	0.214	33.01	-9.71
70 MHz	11/2 BPSK	2531.0	2.50	1 / 90	25.70	28.20	0.661	33.01	-4.81
		2593.0	2.50	1 / 90	25.66	28.16	0.655	33.01	-4.85
		2655.0	2.50	1 / 187	25.44	27.94	0.622	33.01	-5.07
	QPSK	2531.0	2.50	1 / 90	25.64	28.14	0.652	33.01	-4.87
		2593.0	2.50	1 / 90	25.55	28.05	0.638	33.01	-4.96
		2655.0	2.50	1 / 90	25.70	28.20	0.661	33.01	-4.81
	16-QAM	2531.0	2.50	1 / 90	24.65	27.15	0.519	33.01	-5.86
		2655.0	2.50	1 / 90	23.68	26.18	0.415	33.01	-6.83
		2593.0	2.50	1 / 90	20.78	23.28	0.212	33.01	-9.75
	256-QAM	2593.0	2.50	1 / 90	20.78	23.28	0.212	33.01	-9.75
80 MHz	11/2 BPSK	2536.0	2.50	1 / 108	25.48	27.98	0.628	33.01	-5.03
		2593.0	2.50	1 / 215	25.66	28.16	0.655	33.01	-4.85
		2650.0	2.50	1 / 108	25.64	28.14	0.652	33.01	-4.87
	QPSK	2536.0	2.50	1 / 215	25.70	28.20	0.661	33.01	-4.81
		2593.0	2.50	1 / 108	25.63	28.13	0.650	33.01	-4.88
		2650.0	2.50	1 / 108	25.62	28.12	0.649	33.01	-4.89
	16-QAM	2650.0	2.50	1 / 108	24.74	27.24	0.530	33.01	-5.77
		2650.0	2.50	1 / 108	23.77	26.27	0.424	33.01	-6.74
		2536.0	2.50	1 / 108	20.83	23.33	0.215	33.01	-9.66
	256-QAM	2536.0	2.50	1 / 108	20.83	23.33	0.215	33.01	-9.66
90 MHz	11/2 BPSK	2541.0	2.50	1 / 243	25.70	28.20	0.661	33.01	-4.81
		2593.0	2.50	1 / 243	25.41	27.91	0.618	33.01	-5.10
		2645.0	2.50	1 / 120	25.41	27.91	0.618	33.01	-5.10
	QPSK	2541.0	2.50	1 / 120	25.62	28.12	0.649	33.01	-4.89
		2593.0	2.50	1 / 120	25.70	28.20	0.661	33.01	-4.81
		2645.0	2.50	1 / 243	25.44	27.94	0.622	33.01	-5.07
	16-QAM	2541.0	2.50	1 / 120	24.71	27.21	0.526	33.01	-5.80
		2593.0	2.50	1 / 243	23.50	26.00	0.398	33.01	-7.01
		2541.0	2.50	1 / 243	20.80	23.30	0.214	33.01	-9.71
	256-QAM	2541.0	2.50	1 / 243	20.80	23.30	0.214	33.01	-9.71
100 MHz	11/2 BPSK	2546.0	2.50	1 / 271	25.69	28.19	0.659	33.01	-4.82
		2593.0	2.50	1 / 271	25.60	28.10	0.646	33.01	-4.91
		2640.0	2.50	1 / 135	25.70	28.20	0.661	33.01	-4.81
	QPSK	2546.0	2.50	1 / 271	25.50	28.00	0.631	33.01	-5.01
		2593.0	2.50	1 / 271	25.38	27.88	0.614	33.01	-5.13
		2640.0	2.50	1 / 271	25.53	28.03	0.635	33.01	-4.98
	16-QAM	2546.0	2.50	1 / 135	24.71	27.21	0.526	33.01	-5.80
		2546.0	2.50	1 / 271	23.66	26.16	0.413	33.01	-6.85
		2593.0	2.50	1 / 135	20.66	23.16	0.207	33.01	-9.85
	256-QAM	2593.0	2.50	1 / 135	20.66	23.16	0.207	33.01	-9.85

Table 7-32. Antenna 3a EIRP Data (NR Band n41(PC3))

FCC ID: BCGA3355	 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	24.45	2.70	27.15	0.519	33.01	-5.86		
				21100	2535.0	1	99		21298	2549.8	1	0	24.48	2.70	27.18	0.522	33.01	-5.83		
				21350	2560.0	1	0		21152	2540.2	1	99	24.7	2.70	27.40	0.550	33.01	-5.61		
			QPSK	21350	2560	100	0	QPSK	21152	2540.2	100	0	23.21	2.70	25.91	0.390	33.01	-7.10		
				16-QAM	21350	2560	100		0	16-QAM	21152	2540.2	100	0	21.77	2.70	24.47	0.280	33.01	-8.54
				64-QAM	21350	2560	100		0	64-QAM	21152	2540.2	100	0	20.85	2.70	23.55	0.226	33.01	-9.46
			256-QAM	21350	2560	100	0	256-QAM	21152	2540.2	100	0	19.61	2.70	22.31	0.170	33.01	-10.70		

Table 7-33. Antenna 3a 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	26.59	2.50	29.09	0.811	33.01	-3.92		
				40620	2593.0	1	99		40818	2612.8	1	0	26.62	2.50	29.12	0.817	33.01	-3.89		
				41490	2680.0	1	0		41292	2660.2	1	99	26.69	2.50	29.19	0.830	33.01	-3.82		
			QPSK	41490	2680	100	0	QPSK	41292	2660.2	100	0	25.56	2.50	28.06	0.640	33.01	-4.95		
				16-QAM	41490	2680	100		0	16-QAM	41292	2660.2	100	0	24.72	2.50	27.22	0.527	33.01	-5.79
				64-QAM	41490	2680	100		0	64-QAM	41292	2660.2	100	0	24.25	2.50	26.75	0.473	33.01	-6.27
			256-QAM	41490	2680	100	0	256-QAM	41292	2660.2	100	0	22.40	2.50	24.90	0.309	33.01	-8.11		

Table 7-34. Antenna 3a 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	25.58	2.50	28.08	0.642	33.01	-4.93
				40620	2593.0	1	99		40818	2612.8	1	0	25.60	2.50	28.10	0.645	33.01	-4.91
				41490	2680.0	1	0		41292	2660.2	1	99	25.56	2.50	28.06	0.640	33.01	-4.95
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	24.31	2.50	26.81	0.460	33.01	-6.20
			16-QAM	40620	2593	100	0	16-QAM	40818	2612.8	100	0	23.44	2.50	25.94	0.393	33.01	-7.07
			64-QAM	40620	2593	100	0	64-QAM	40818	2612.8	100	0	22.96	2.50	25.46	0.351	33.01	-7.55
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	21.38	2.50	23.88	0.244	33.01	-9.13

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT			Approved by: Technical Manager
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7.6.4 Antenna 1b - EIRP

LTE-Band 30

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2307.5	-4.20	1 / 0	23.08	18.88	0.077	23.98	-5.10
		2310.0	-4.20	1 / 12	23.13	18.93	0.078	23.98	-5.05
		2312.5	-4.20	1 / 12	23.12	18.92	0.078	23.98	-5.06
	16-QAM	2307.5	-4.20	1 / 24	22.20	18.00	0.063	23.98	-5.98
	64-QAM	2307.5	-4.20	1 / 0	21.18	16.98	0.050	23.98	-7.00
	256-QAM	2312.5	-4.20	1 / 24	18.16	13.96	0.025	23.98	-10.02
10 MHz	QPSK	2310.0	-4.20	1 / 0	23.00	18.80	0.076	23.98	-5.18
	16-QAM	2310.0	-4.20	1 / 0	22.19	17.99	0.063	23.98	-5.99
	64-QAM	2310.0	-4.20	1 / 49	21.12	16.92	0.049	23.98	-7.06
	256-QAM	2310.0	-4.20	1 / 25	18.15	13.95	0.025	23.98	-10.03

Table 7-36. Antenna 1b EIRP Data (LTE Band 30)

FCC ID: BCGA3355	 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	-3.60	1 / 0	23.18	19.58	0.091	33.01	-13.43
		2535.0	-3.60	1 / 0	23.20	19.60	0.091	33.01	-13.41
		2567.5	-3.60	1 / 0	23.14	19.54	0.090	33.01	-13.47
	16-QAM	2535.0	-3.60	1 / 24	22.17	18.57	0.072	33.01	-14.44
	64-QAM	2502.5	-3.60	1 / 12	21.21	17.61	0.058	33.01	-15.40
	256-QAM	2567.5	-3.60	1 / 12	18.31	14.71	0.030	33.01	-18.30
10 MHz	QPSK	2505.0	-3.60	1 / 0	23.16	19.56	0.090	33.01	-13.45
		2535.0	-3.60	1 / 49	23.13	19.53	0.090	33.01	-13.48
		2565.0	-3.60	1 / 49	23.18	19.58	0.091	33.01	-13.43
	16-QAM	2505.0	-3.60	1 / 25	22.14	18.54	0.071	33.01	-14.47
	64-QAM	2565.0	-3.60	1 / 25	21.15	17.55	0.057	33.01	-15.46
	256-QAM	2565.0	-3.60	1 / 0	18.29	14.69	0.029	33.01	-18.32
15 MHz	QPSK	2507.5	-3.60	1 / 74	23.07	19.47	0.089	33.01	-13.54
		2535.0	-3.60	1 / 74	23.20	19.60	0.091	33.01	-13.41
		2562.5	-3.60	1 / 37	23.09	19.49	0.089	33.01	-13.52
	16-QAM	2562.5	-3.60	1 / 0	22.16	18.56	0.072	33.01	-14.45
	64-QAM	2535.0	-3.60	1 / 74	21.20	17.60	0.058	33.01	-15.41
	256-QAM	2535.0	-3.60	1 / 0	18.17	14.57	0.029	33.01	-18.44
20 MHz	QPSK	2510.0	-3.60	1 / 99	23.13	19.53	0.090	33.01	-13.48
		2535.0	-3.60	1 / 0	23.14	19.54	0.090	33.01	-13.47
		2560.0	-3.60	1 / 0	23.20	19.60	0.091	33.01	-13.41
	16-QAM	2560.0	-3.60	1 / 99	22.15	18.55	0.072	33.01	-14.46
	64-QAM	2535.0	-3.60	1 / 99	21.18	17.58	0.057	33.01	-15.43
	256-QAM	2510.0	-3.60	1 / 99	18.26	14.66	0.029	33.01	-18.35

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-2.90	1 / 24	26.94	24.04	0.253	33.01	-8.97
		2593.0	-2.90	1 / 12	27.08	24.18	0.262	33.01	-8.84
		2687.5	-2.90	1 / 24	27.16	24.26	0.267	33.01	-8.75
	16-QAM	2593.0	-2.90	1 / 12	26.17	23.27	0.212	33.01	-9.75
	64-QAM	2687.5	-2.90	1 / 12	25.18	22.28	0.169	33.01	-10.73
	256-QAM	2687.5	-2.90	1 / 12	22.17	19.27	0.085	33.01	-13.74
10 MHz	QPSK	2501.0	-2.90	1 / 49	27.18	24.28	0.268	33.01	-8.73
		2593.0	-2.90	1 / 49	27.16	24.26	0.266	33.01	-8.76
		2685.0	-2.90	1 / 49	27.19	24.29	0.269	33.01	-8.72
	16-QAM	2501.0	-2.90	1 / 25	26.18	23.28	0.213	33.01	-9.73
	64-QAM	2685.0	-2.90	1 / 0	25.20	22.30	0.170	33.01	-10.71
	256-QAM	2593.0	-2.90	1 / 25	22.16	19.26	0.084	33.01	-13.75
15 MHz	QPSK	2503.5	-2.90	1 / 37	27.13	24.23	0.265	33.01	-8.78
		2593.0	-2.90	1 / 74	27.19	24.29	0.268	33.01	-8.72
		2682.5	-2.90	1 / 37	27.19	24.29	0.269	33.01	-8.72
	16-QAM	2503.5	-2.90	1 / 37	26.16	23.26	0.212	33.01	-9.75
	64-QAM	2682.5	-2.90	1 / 74	25.19	22.29	0.169	33.01	-10.73
	256-QAM	2503.5	-2.90	1 / 37	22.20	19.30	0.085	33.01	-13.71
20 MHz	QPSK	2506.0	-2.90	1 / 50	27.18	24.28	0.268	33.01	-8.73
		2593.0	-2.90	1 / 0	27.20	24.30	0.269	33.01	-8.72
		2680.0	-2.90	1 / 0	27.02	24.12	0.258	33.01	-8.89
	16-QAM	2593.0	-2.90	1 / 0	26.19	23.29	0.213	33.01	-9.72
	64-QAM	2593.0	-2.90	1 / 50	25.19	22.29	0.169	33.01	-10.72
	256-QAM	2506.0	-2.90	1 / 50	22.20	19.30	0.085	33.01	-13.71

Table 7-38. Antenna 1b EIRP Data (LTE Band 41(PC2))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE-Band 41 (PC3)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	QPSK	2498.5	-2.90	1 / 12	25.53	22.63	0.183	33.01	-10.39
		2593.0	-2.90	1 / 24	25.63	22.73	0.187	33.01	-10.28
		2687.5	-2.90	1 / 0	25.69	22.79	0.190	33.01	-10.22
	16-QAM	2593.0	-2.90	1 / 12	24.68	21.78	0.151	33.01	-11.23
	64-QAM	2498.5	-2.90	1 / 24	23.68	20.78	0.120	33.01	-12.23
	256-QAM	2687.5	-2.90	1 / 0	20.68	17.78	0.060	33.01	-15.23
10 MHz	QPSK	2501.0	-2.90	1 / 25	25.64	22.74	0.188	33.01	-10.27
		2593.0	-2.90	1 / 0	25.61	22.71	0.187	33.01	-10.30
		2685.0	-2.90	1 / 0	25.63	22.73	0.188	33.01	-10.28
	16-QAM	2593.0	-2.90	1 / 25	24.70	21.80	0.151	33.01	-11.21
	64-QAM	2593.0	-2.90	1 / 25	23.65	20.75	0.119	33.01	-12.26
	256-QAM	2593.0	-2.90	1 / 0	20.62	17.72	0.059	33.01	-15.29
15 MHz	QPSK	2503.5	-2.90	1 / 74	25.51	22.61	0.183	33.01	-10.40
		2593.0	-2.90	1 / 0	25.59	22.69	0.186	33.01	-10.32
		2682.5	-2.90	1 / 74	25.66	22.76	0.189	33.01	-10.26
	16-QAM	2593.0	-2.90	1 / 37	24.68	21.78	0.151	33.01	-11.23
	64-QAM	2593.0	-2.90	1 / 37	23.67	20.77	0.119	33.01	-12.24
	256-QAM	2682.5	-2.90	1 / 37	20.67	17.77	0.060	33.01	-15.24
20 MHz	QPSK	2506.0	-2.90	1 / 50	25.68	22.78	0.190	33.01	-10.23
		2593.0	-2.90	1 / 99	25.69	22.79	0.190	33.01	-10.22
		2680.0	-2.90	1 / 0	25.67	22.77	0.189	33.01	-10.24
	16-QAM	2593.0	-2.90	1 / 99	24.68	21.78	0.151	33.01	-11.23
	64-QAM	2680.0	-2.90	1 / 99	23.57	20.67	0.117	33.01	-12.34
	256-QAM	2593.0	-2.90	1 / 0	20.69	17.79	0.060	33.01	-15.22

Table 7-39. Antenna 1b EIRP Data (LTE Band 41(PC3))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 369 of 427

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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	-4.20	25 / 0	22.67	18.47	0.070	23.98	-5.51
		2310.0	-4.20	25 / 0	22.78	18.58	0.072	23.98	-5.40
		2312.5	-4.20	25 / 0	22.71	18.51	0.071	23.98	-5.47
	QPSK	2307.5	-4.20	25 / 0	22.78	18.58	0.072	23.98	-5.40
		2310.0	-4.20	25 / 0	22.79	18.59	0.072	23.98	-5.39
		2312.5	-4.20	25 / 0	22.87	18.67	0.074	23.98	-5.31
	16-QAM	2312.5	-4.20	25 / 0	20.90	16.70	0.047	23.98	-7.28
	64-QAM	2312.5	-4.20	25 / 0	20.34	16.14	0.041	23.98	-7.84
10 MHz	256-QAM	2307.5	-4.20	25 / 0	18.34	14.14	0.026	23.98	-9.84
	$\pi/2$ BPSK	2310.0	-4.20	50 / 0	22.78	18.58	0.072	23.98	-5.40
	QPSK	2310.0	-4.20	50 / 0	22.87	18.67	0.074	23.98	-5.31
	16-QAM	2310.0	-4.20	50 / 0	20.60	16.40	0.044	23.98	-7.58
	64-QAM	2310.0	-4.20	50 / 0	20.12	15.92	0.039	23.98	-8.06
	256-QAM	2310.0	-4.20	50 / 0	18.14	13.94	0.025	23.98	-10.04

Table 7-40. Antenna 1b EIRP Data (NR Band n30)

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 370 of 427

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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	-3.60	1 / 23	23.02	19.42	0.087	33.01	-13.59
		2535.0	-3.60	1 / 23	23.20	19.60	0.091	33.01	-13.41
		2567.5	-3.60	1 / 1	23.13	19.53	0.090	33.01	-13.48
	QPSK	2502.5	-3.60	1 / 1	23.20	19.60	0.091	33.01	-13.41
		2535.0	-3.60	1 / 12	23.20	19.60	0.091	33.01	-13.41
		2567.5	-3.60	1 / 1	23.14	19.54	0.090	33.01	-13.47
	16-QAM	2535.0	-3.60	1 / 23	22.13	18.53	0.071	33.01	-14.48
	64-QAM	2502.5	-3.60	1 / 1	21.10	17.50	0.056	33.01	-15.51
256-QAM	2535.0	-3.60	1 / 1	18.29	14.69	0.029	33.01	-18.32	
10 MHz	π/2 BPSK	2505.0	-3.60	1 / 50	23.20	19.60	0.091	33.01	-13.41
		2535.0	-3.60	1 / 50	22.96	19.36	0.086	33.01	-13.65
		2565.0	-3.60	1 / 1	22.99	19.39	0.087	33.01	-13.62
	QPSK	2505.0	-3.60	1 / 25	23.19	19.59	0.091	33.01	-13.42
		2535.0	-3.60	1 / 1	23.09	19.49	0.089	33.01	-13.52
		2565.0	-3.60	1 / 50	23.02	19.42	0.087	33.01	-13.59
	16-QAM	2535.0	-3.60	1 / 25	22.14	18.54	0.071	33.01	-14.47
	64-QAM	2535.0	-3.60	1 / 50	21.19	17.59	0.057	33.01	-15.42
256-QAM	2565.0	-3.60	1 / 25	18.27	14.67	0.029	33.01	-18.34	
15 MHz	π/2 BPSK	2507.5	-3.60	1 / 36	22.95	19.35	0.086	33.01	-13.66
		2535.0	-3.60	1 / 36	23.20	19.60	0.091	33.01	-13.41
		2562.5	-3.60	1 / 77	22.99	19.39	0.087	33.01	-13.62
	QPSK	2507.5	-3.60	1 / 77	23.01	19.41	0.087	33.01	-13.60
		2535.0	-3.60	1 / 36	22.83	19.23	0.084	33.01	-13.78
		2562.5	-3.60	1 / 77	22.88	19.28	0.085	33.01	-13.73
	16-QAM	2535.0	-3.60	1 / 1	22.20	18.60	0.072	33.01	-14.41
	64-QAM	2535.0	-3.60	1 / 36	21.14	17.54	0.057	33.01	-15.47
256-QAM	2507.5	-3.60	1 / 36	18.29	14.69	0.029	33.01	-18.32	
20 MHz	π/2 BPSK	2510.0	-3.60	1 / 50	23.20	19.60	0.091	33.01	-13.41
		2535.0	-3.60	1 / 104	23.09	19.49	0.089	33.01	-13.52
		2560.0	-3.60	1 / 104	23.20	19.60	0.091	33.01	-13.41
	QPSK	2510.0	-3.60	1 / 50	23.04	19.44	0.088	33.01	-13.57
		2535.0	-3.60	1 / 50	23.20	19.60	0.091	33.01	-13.41
		2560.0	-3.60	1 / 104	23.14	19.54	0.090	33.01	-13.47
	16-QAM	2560.0	-3.60	1 / 104	22.19	18.59	0.072	33.01	-14.42
	64-QAM	2510.0	-3.60	1 / 50	21.25	17.65	0.058	33.01	-15.36
256-QAM	2510.0	-3.60	1 / 1	18.34	14.74	0.030	33.01	-18.27	
25 MHz	π/2 BPSK	2512.5	-3.60	1 / 131	23.13	19.53	0.090	33.01	-13.48
		2535.0	-3.60	1 / 64	23.05	19.45	0.088	33.01	-13.56
		2557.5	-3.60	1 / 64	23.20	19.60	0.091	33.01	-13.41
	QPSK	2512.5	-3.60	1 / 131	23.03	19.43	0.088	33.01	-13.58
		2535.0	-3.60	1 / 64	22.94	19.34	0.086	33.01	-13.67
		2557.5	-3.60	1 / 1	23.11	19.51	0.089	33.01	-13.50
	16-QAM	2557.5	-3.60	1 / 131	22.18	18.58	0.072	33.01	-14.43
	64-QAM	2512.5	-3.60	1 / 131	21.22	17.62	0.058	33.01	-15.39
256-QAM	2557.5	-3.60	1 / 1	18.35	14.75	0.030	33.01	-18.26	
30 MHz	π/2 BPSK	2515.0	-3.60	1 / 80	23.20	19.60	0.091	33.01	-13.41
		2535.0	-3.60	1 / 1	23.15	19.55	0.090	33.01	-13.46
		2555.0	-3.60	1 / 158	23.12	19.52	0.090	33.01	-13.49
	QPSK	2515.0	-3.60	1 / 1	23.19	19.59	0.091	33.01	-13.42
		2535.0	-3.60	1 / 80	22.94	19.34	0.086	33.01	-13.67
		2555.0	-3.60	1 / 158	23.13	19.53	0.090	33.01	-13.48
	16-QAM	2535.0	-3.60	1 / 158	22.20	18.60	0.072	33.01	-14.41
	64-QAM	2555.0	-3.60	1 / 80	21.16	17.56	0.057	33.01	-15.45
256-QAM	2515.0	-3.60	1 / 80	18.25	14.65	0.029	33.01	-18.36	
35 MHz	π/2 BPSK	2517.5	-3.60	1 / 186	23.03	19.43	0.088	33.01	-13.58
		2535.0	-3.60	1 / 1	23.16	19.56	0.090	33.01	-13.45
		2552.5	-3.60	1 / 93	22.85	19.25	0.084	33.01	-13.76
	QPSK	2517.5	-3.60	1 / 93	23.01	19.41	0.087	33.01	-13.60
		2535.0	-3.60	1 / 1	23.20	19.60	0.091	33.01	-13.41
		2552.5	-3.60	1 / 93	23.19	19.59	0.091	33.01	-13.42
	16-QAM	2552.5	-3.60	1 / 186	22.20	18.60	0.072	33.01	-14.41
	64-QAM	2517.5	-3.60	1 / 93	21.20	17.60	0.058	33.01	-15.41
256-QAM	2552.5	-3.60	1 / 186	18.28	14.68	0.029	33.01	-18.33	
40 MHz	π/2 BPSK	2520.0	-3.60	1 / 108	23.17	19.57	0.091	33.01	-13.44
		2535.0	-3.60	1 / 214	23.13	19.53	0.090	33.01	-13.48
		2550.0	-3.60	1 / 1	22.77	19.17	0.083	33.01	-13.84
	QPSK	2520.0	-3.60	1 / 108	23.20	19.60	0.091	33.01	-13.41
		2535.0	-3.60	1 / 1	23.08	19.48	0.089	33.01	-13.53
		2550.0	-3.60	1 / 108	23.15	19.55	0.090	33.01	-13.46
	16-QAM	2550.0	-3.60	1 / 214	22.20	18.60	0.072	33.01	-14.41
	64-QAM	2520.0	-3.60	1 / 108	21.20	17.60	0.058	33.01	-15.41
256-QAM	2535.0	-3.60	1 / 1	18.26	14.66	0.029	33.01	-18.35	

Table 7-41. Antenna 1b EIRP Data (NR Band n7)

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 371 of 427

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NR Band n41(PC2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	2501.0	-2.90	1 / 12	27.05	24.15	0.260	33.01	-8.86
		2593.0	-2.90	1 / 22	27.19	24.29	0.269	33.01	-8.72
		2685.0	-2.90	1 / 12	27.15	24.25	0.266	33.01	-8.76
	QPSK	2501.0	-2.90	1 / 22	27.12	24.22	0.264	33.01	-8.79
		2593.0	-2.90	1 / 12	27.16	24.26	0.267	33.01	-8.75
		2685.0	-2.90	1 / 12	26.79	23.89	0.245	33.01	-9.12
	16-QAM	2501.0	-2.90	1 / 12	26.14	23.24	0.211	33.01	-9.77
	64-QAM	2593.0	-2.90	1 / 22	25.21	22.31	0.170	33.01	-10.70
	256-QAM	2501.0	-2.90	1 / 22	22.27	19.37	0.086	33.01	-13.64
15 MHz	11/2 BPSK	2503.5	-2.90	1 / 18	27.13	24.23	0.265	33.01	-8.78
		2593.0	-2.90	1 / 36	27.12	24.22	0.264	33.01	-8.79
		2682.5	-2.90	1 / 18	27.04	24.14	0.259	33.01	-8.87
	QPSK	2503.5	-2.90	1 / 36	27.02	24.12	0.258	33.01	-8.89
		2593.0	-2.90	1 / 36	27.12	24.22	0.264	33.01	-8.79
		2682.5	-2.90	1 / 36	26.90	24.00	0.251	33.01	-9.01
	16-QAM	2682.5	-2.90	1 / 18	26.10	23.20	0.209	33.01	-9.81
	64-QAM	2503.5	-2.90	1 / 36	25.05	22.15	0.164	33.01	-10.86
	256-QAM	2682.5	-2.90	1 / 18	22.25	19.35	0.086	33.01	-13.66
20 MHz	11/2 BPSK	2506.0	-2.90	1 / 49	27.08	24.18	0.262	33.01	-8.83
		2593.0	-2.90	1 / 25	27.07	24.17	0.261	33.01	-8.84
		2680.0	-2.90	1 / 25	27.20	24.30	0.269	33.01	-8.71
	QPSK	2506.0	-2.90	1 / 25	27.09	24.19	0.262	33.01	-8.82
		2593.0	-2.90	1 / 25	26.94	24.04	0.254	33.01	-8.97
		2680.0	-2.90	1 / 49	27.03	24.13	0.259	33.01	-8.88
	16-QAM	2593.0	-2.90	1 / 25	26.01	23.11	0.205	33.01	-9.90
	64-QAM	2593.0	-2.90	1 / 25	25.16	22.26	0.168	33.01	-10.75
	256-QAM	2506.0	-2.90	1 / 25	22.29	19.39	0.087	33.01	-13.62
30 MHz	11/2 BPSK	2511.0	-2.90	1 / 76	27.11	24.21	0.264	33.01	-8.80
		2593.0	-2.90	1 / 36	26.99	24.09	0.256	33.01	-8.92
		2675.0	-2.90	1 / 36	27.11	24.21	0.264	33.01	-8.80
	QPSK	2511.0	-2.90	1 / 36	27.20	24.30	0.269	33.01	-8.71
		2593.0	-2.90	1 / 76	27.11	24.21	0.264	33.01	-8.80
		2675.0	-2.90	1 / 76	27.15	24.25	0.266	33.01	-8.76
	16-QAM	2511.0	-2.90	1 / 36	26.17	23.27	0.212	33.01	-9.74
	64-QAM	2675.0	-2.90	1 / 76	25.14	22.24	0.167	33.01	-10.77
	256-QAM	2511.0	-2.90	1 / 36	22.30	19.40	0.087	33.01	-13.61
40 MHz	11/2 BPSK	2516.0	-2.90	1 / 50	27.11	24.21	0.264	33.01	-8.80
		2593.0	-2.90	1 / 104	27.13	24.23	0.265	33.01	-8.78
		2670.0	-2.90	1 / 104	27.03	24.13	0.259	33.01	-8.88
	QPSK	2516.0	-2.90	1 / 50	27.08	24.18	0.262	33.01	-8.83
		2593.0	-2.90	1 / 104	27.16	24.26	0.267	33.01	-8.75
		2670.0	-2.90	1 / 104	27.15	24.25	0.266	33.01	-8.76
	16-QAM	2516.0	-2.90	1 / 50	26.20	23.30	0.214	33.01	-9.71
	64-QAM	2670.0	-2.90	1 / 104	25.14	22.24	0.167	33.01	-10.77
	256-QAM	2516.0	-2.90	1 / 50	22.22	19.32	0.086	33.01	-13.69
50 MHz	11/2 BPSK	2521.0	-2.90	1 / 131	27.20	24.30	0.269	33.01	-8.71
		2593.0	-2.90	1 / 64	26.77	23.87	0.244	33.01	-9.14
		2665.0	-2.90	1 / 131	27.07	24.17	0.261	33.01	-8.84
	QPSK	2521.0	-2.90	1 / 64	27.03	24.13	0.259	33.01	-8.86
		2593.0	-2.90	1 / 131	27.06	24.16	0.261	33.01	-8.85
		2665.0	-2.90	1 / 131	26.86	23.96	0.249	33.01	-9.05
	16-QAM	2593.0	-2.90	1 / 64	26.19	23.29	0.213	33.01	-9.72
	64-QAM	2665.0	-2.90	1 / 131	25.12	22.22	0.167	33.01	-10.79
	256-QAM	2521.0	-2.90	1 / 131	22.30	19.40	0.087	33.01	-13.61
60 MHz	11/2 BPSK	2526.0	-2.90	1 / 81	27.03	24.13	0.259	33.01	-8.88
		2593.0	-2.90	1 / 81	27.14	24.24	0.265	33.01	-8.77
		2660.0	-2.90	1 / 81	27.02	24.12	0.258	33.01	-8.89
	QPSK	2526.0	-2.90	1 / 81	26.90	24.00	0.251	33.01	-9.01
		2593.0	-2.90	1 / 160	27.04	24.14	0.259	33.01	-8.87
		2660.0	-2.90	1 / 81	27.20	24.30	0.269	33.01	-8.71
	16-QAM	2593.0	-2.90	1 / 160	26.20	23.30	0.214	33.01	-9.71
	64-QAM	2526.0	-2.90	1 / 81	25.11	22.21	0.166	33.01	-10.80
	256-QAM	2660.0	-2.90	1 / 160	22.30	19.40	0.087	33.01	-13.61
70 MHz	11/2 BPSK	2531.0	-2.90	1 / 187	27.14	24.24	0.265	33.01	-8.77
		2593.0	-2.90	1 / 187	27.20	24.30	0.269	33.01	-8.71
		2655.0	-2.90	1 / 90	26.92	24.02	0.252	33.01	-8.99
	QPSK	2531.0	-2.90	1 / 90	26.75	23.85	0.243	33.01	-9.16
		2593.0	-2.90	1 / 187	27.18	24.28	0.268	33.01	-8.73
		2655.0	-2.90	1 / 90	27.17	24.27	0.267	33.01	-8.74
	16-QAM	2655.0	-2.90	1 / 90	26.20	23.30	0.214	33.01	-9.71
	64-QAM	2593.0	-2.90	1 / 90	25.20	22.30	0.170	33.01	-10.71
	256-QAM	2655.0	-2.90	1 / 187	22.23	19.33	0.086	33.01	-13.68
80 MHz	11/2 BPSK	2536.0	-2.90	1 / 215	27.19	24.29	0.269	33.01	-8.72
		2593.0	-2.90	1 / 215	26.90	24.00	0.251	33.01	-9.01
		2650.0	-2.90	1 / 215	27.20	24.30	0.269	33.01	-8.71
	QPSK	2536.0	-2.90	1 / 215	27.15	24.25	0.266	33.01	-8.76
		2593.0	-2.90	1 / 108	27.19	24.29	0.269	33.01	-8.72
		2650.0	-2.90	1 / 108	27.18	24.28	0.268	33.01	-8.73
	16-QAM	2650.0	-2.90	1 / 215	26.19	23.29	0.213	33.01	-9.72
	64-QAM	2536.0	-2.90	1 / 108	25.18	22.28	0.169	33.01	-10.73
	256-QAM	2593.0	-2.90	1 / 215	22.30	19.40	0.087	33.01	-13.61
90 MHz	11/2 BPSK	2541.0	-2.90	1 / 243	27.20	24.30	0.269	33.01	-8.71
		2593.0	-2.90	1 / 120	27.06	24.16	0.261	33.01	-8.85
		2645.0	-2.90	1 / 120	27.17	24.27	0.267	33.01	-8.74
	QPSK	2541.0	-2.90	1 / 120	27.17	24.27	0.267	33.01	-8.74
		2593.0	-2.90	1 / 120	27.19	24.29	0.269	33.01	-8.72
		2645.0	-2.90	1 / 243	27.12	24.22	0.264	33.01	-8.79
	16-QAM	2593.0	-2.90	1 / 243	26.10	23.20	0.209	33.01	-9.81
	64-QAM	2593.0	-2.90	1 / 243	25.19	22.29	0.169	33.01	-10.72
	256-QAM	2593.0	-2.90	1 / 120	22.14	19.24	0.084	33.01	-13.77
100 MHz	11/2 BPSK	2546.0	-2.90	1 / 271	26.78	23.88	0.244	33.01	-9.13
		2593.0	-2.90	1 / 271	26.88	23.98	0.250	33.01	-9.03
		2640.0	-2.90	1 / 135	27.10	24.20	0.263	33.01	-8.81
	QPSK	2546.0	-2.90	1 / 135	26.82	23.92	0.247	33.01	-9.09
		2593.0	-2.90	1 / 135	27.12	24.22	0.264	33.01	-8.79
		2640.0	-2.90	1 / 271	27.05	24.15	0.260	33.01	-8.86
	16-QAM	2546.0	-2.90	1 / 271	26.19	23.29	0.213	33.01	-9.72
	64-QAM	2546.0	-2.90	1 / 271	25.23	22.33	0.171	33.01	-10.68
	256-QAM	2593.0	-2.90	1 / 135	22.21	19.31	0.085	33.01	-13.70

Table 7-42. Antenna 1b EIRP Data (NR Band n41(PC2))

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 372 of 427

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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	-2.90	1 / 22	25.47	22.57	0.181	33.01	-10.44
		2593.0	-2.90	1 / 22	25.37	22.47	0.177	33.01	-10.54
		2685.0	-2.90	1 / 22	25.57	22.67	0.185	33.01	-10.34
	QPSK	2501.0	-2.90	1 / 22	25.41	22.51	0.178	33.01	-10.50
		2593.0	-2.90	1 / 22	25.57	22.67	0.185	33.01	-10.34
		2685.0	-2.90	1 / 22	25.70	22.80	0.191	33.01	-10.21
	16-QAM	2593.0	-2.90	1 / 22	24.62	21.72	0.149	33.01	-11.29
		2501.0	-2.90	1 / 22	23.70	20.80	0.120	33.01	-12.21
		2593.0	-2.90	1 / 22	20.78	17.88	0.061	33.01	-15.13
	256-QAM	2593.0	-2.90	1 / 22	20.78	17.88	0.061	33.01	-15.13
15 MHz	11/2 BPSK	2503.5	-2.90	1 / 36	25.36	22.46	0.176	33.01	-10.55
		2593.0	-2.90	1 / 18	25.32	22.42	0.175	33.01	-10.59
		2682.5	-2.90	1 / 36	25.66	22.76	0.189	33.01	-10.25
	QPSK	2503.5	-2.90	1 / 18	25.55	22.65	0.184	33.01	-10.36
		2593.0	-2.90	1 / 36	25.57	22.67	0.185	33.01	-10.34
		2682.5	-2.90	1 / 36	25.70	22.80	0.191	33.01	-10.21
	16-QAM	2503.5	-2.90	1 / 36	24.68	21.78	0.151	33.01	-11.23
		2503.5	-2.90	1 / 18	23.73	20.83	0.121	33.01	-12.18
		2593.0	-2.90	1 / 18	20.76	17.86	0.061	33.01	-15.15
	256-QAM	2593.0	-2.90	1 / 18	20.76	17.86	0.061	33.01	-15.15
20 MHz	11/2 BPSK	2506.0	-2.90	1 / 25	25.63	22.73	0.187	33.01	-10.28
		2593.0	-2.90	1 / 25	25.37	22.47	0.177	33.01	-10.54
		2680.0	-2.90	1 / 49	25.56	22.66	0.185	33.01	-10.35
	QPSK	2506.0	-2.90	1 / 49	25.42	22.52	0.179	33.01	-10.49
		2593.0	-2.90	1 / 49	25.53	22.63	0.183	33.01	-10.38
		2680.0	-2.90	1 / 25	25.68	22.78	0.190	33.01	-10.23
	16-QAM	2506.0	-2.90	1 / 49	24.51	21.61	0.145	33.01	-11.40
		2506.0	-2.90	1 / 25	23.58	20.68	0.117	33.01	-12.33
		2593.0	-2.90	1 / 25	20.78	17.88	0.061	33.01	-15.13
	256-QAM	2593.0	-2.90	1 / 25	20.78	17.88	0.061	33.01	-15.13
30 MHz	11/2 BPSK	2511.0	-2.90	1 / 76	25.50	22.60	0.182	33.01	-10.41
		2593.0	-2.90	1 / 76	25.50	22.60	0.186	33.01	-10.32
		2675.0	-2.90	1 / 76	25.55	22.65	0.184	33.01	-10.36
	QPSK	2511.0	-2.90	1 / 76	25.55	22.65	0.184	33.01	-10.36
		2593.0	-2.90	1 / 76	25.60	22.70	0.186	33.01	-10.31
		2675.0	-2.90	1 / 36	25.61	22.71	0.187	33.01	-10.30
	16-QAM	2511.0	-2.90	1 / 36	24.76	21.86	0.153	33.01	-11.15
		2511.0	-2.90	1 / 36	23.72	20.82	0.121	33.01	-12.19
		2511.0	-2.90	1 / 36	20.88	17.98	0.063	33.01	-15.03
	256-QAM	2511.0	-2.90	1 / 36	20.88	17.98	0.063	33.01	-15.03
40 MHz	11/2 BPSK	2516.0	-2.90	1 / 50	25.51	22.61	0.182	33.01	-10.40
		2593.0	-2.90	1 / 50	25.69	22.79	0.190	33.01	-10.22
		2670.0	-2.90	1 / 50	25.40	22.50	0.178	33.01	-10.51
	QPSK	2516.0	-2.90	1 / 50	25.53	22.63	0.183	33.01	-10.38
		2593.0	-2.90	1 / 50	25.46	22.56	0.180	33.01	-10.45
		2670.0	-2.90	1 / 50	25.53	22.63	0.183	33.01	-10.38
	16-QAM	2516.0	-2.90	1 / 50	24.61	21.71	0.148	33.01	-11.30
		2670.0	-2.90	1 / 50	23.70	20.80	0.120	33.01	-12.21
		2670.0	-2.90	1 / 50	20.79	17.89	0.062	33.01	-15.12
	256-QAM	2670.0	-2.90	1 / 50	20.79	17.89	0.062	33.01	-15.12
50 MHz	11/2 BPSK	2521.0	-2.90	1 / 64	25.58	22.68	0.185	33.01	-10.33
		2593.0	-2.90	1 / 64	25.38	22.48	0.177	33.01	-10.53
		2665.0	-2.90	1 / 131	25.70	22.80	0.191	33.01	-10.21
	QPSK	2521.0	-2.90	1 / 64	25.57	22.67	0.185	33.01	-10.34
		2593.0	-2.90	1 / 131	25.54	22.64	0.184	33.01	-10.37
		2665.0	-2.90	1 / 64	25.54	22.64	0.184	33.01	-10.37
	16-QAM	2593.0	-2.90	1 / 64	24.61	21.71	0.148	33.01	-11.30
		2593.0	-2.90	1 / 131	23.68	20.78	0.120	33.01	-12.23
		2593.0	-2.90	1 / 131	20.76	17.86	0.061	33.01	-15.15
	256-QAM	2593.0	-2.90	1 / 131	20.76	17.86	0.061	33.01	-15.15
60 MHz	11/2 BPSK	2526.0	-2.90	1 / 81	25.70	22.80	0.191	33.01	-10.21
		2593.0	-2.90	1 / 160	25.36	22.46	0.176	33.01	-10.55
		2660.0	-2.90	1 / 81	25.35	22.45	0.176	33.01	-10.56
	QPSK	2526.0	-2.90	1 / 160	25.69	22.79	0.190	33.01	-10.22
		2593.0	-2.90	1 / 160	25.65	22.75	0.188	33.01	-10.26
		2660.0	-2.90	1 / 160	25.52	22.62	0.183	33.01	-10.39
	16-QAM	2593.0	-2.90	1 / 160	24.68	21.78	0.151	33.01	-11.23
		2593.0	-2.90	1 / 81	23.67	20.77	0.119	33.01	-12.24
		2593.0	-2.90	1 / 81	20.80	17.90	0.062	33.01	-15.11
	256-QAM	2593.0	-2.90	1 / 81	20.80	17.90	0.062	33.01	-15.11
70 MHz	11/2 BPSK	2531.0	-2.90	1 / 187	25.63	22.73	0.187	33.01	-10.28
		2593.0	-2.90	1 / 90	25.34	22.44	0.175	33.01	-10.57
		2655.0	-2.90	1 / 187	25.68	22.78	0.190	33.01	-10.23
	QPSK	2531.0	-2.90	1 / 187	25.30	22.40	0.174	33.01	-10.61
		2593.0	-2.90	1 / 187	25.70	22.80	0.191	33.01	-10.21
		2655.0	-2.90	1 / 90	25.58	22.68	0.185	33.01	-10.33
	16-QAM	2593.0	-2.90	1 / 90	24.61	21.71	0.148	33.01	-11.30
		2655.0	-2.90	1 / 187	23.58	20.68	0.117	33.01	-12.33
		2531.0	-2.90	1 / 90	20.71	17.81	0.060	33.01	-15.20
	256-QAM	2531.0	-2.90	1 / 90	20.71	17.81	0.060	33.01	-15.20
80 MHz	11/2 BPSK	2536.0	-2.90	1 / 215	25.50	22.60	0.182	33.01	-10.41
		2593.0	-2.90	1 / 108	25.69	22.79	0.190	33.01	-10.22
		2650.0	-2.90	1 / 108	25.70	22.80	0.191	33.01	-10.21
	QPSK	2536.0	-2.90	1 / 108	25.47	22.57	0.181	33.01	-10.44
		2593.0	-2.90	1 / 108	25.57	22.67	0.185	33.01	-10.34
		2650.0	-2.90	1 / 108	25.51	22.61	0.182	33.01	-10.40
	16-QAM	2650.0	-2.90	1 / 108	24.71	21.81	0.152	33.01	-11.20
		2536.0	-2.90	1 / 108	23.67	20.77	0.119	33.01	-12.24
		2650.0	-2.90	1 / 215	20.72	17.82	0.061	33.01	-15.19
	256-QAM	2650.0	-2.90	1 / 215	20.72	17.82	0.061	33.01	-15.19
90 MHz	11/2 BPSK	2541.0	-2.90	1 / 243	25.47	22.57	0.181	33.01	-10.44
		2593.0	-2.90	1 / 120	25.51	22.61	0.182	33.01	-10.40
		2645.0	-2.90	1 / 243	25.70	22.80	0.191	33.01	-10.21
	QPSK	2541.0	-2.90	1 / 243	25.61	22.71	0.187	33.01	-10.30
		2593.0	-2.90	1 / 120	25.35	22.45	0.176	33.01	-10.56
		2645.0	-2.90	1 / 243	25.41	22.51	0.178	33.01	-10.50
	16-QAM	2541.0	-2.90	1 / 243	24.69	21.79	0.151	33.01	-11.22
		2593.0	-2.90	1 / 243	23.70	20.80	0.120	33.01	-12.21
		2645.0	-2.90	1 / 243	20.80	17.90	0.062	33.01	-15.11
	256-QAM	2541.0	-2.90	1 / 243	20.80	17.90	0.062	33.01	-15.11
100 MHz	11/2 BPSK	2546.0	-2.90	1 / 271	25.70	22.80	0.191	33.01	-10.21
		2593.0	-2.90	1 / 271	25.67	22.77	0.189	33.01	-10.24
		2640.0	-2.90	1 / 135	25.56	22.66	0.185	33.01	-10.35
	QPSK	2546.0	-2.90	1 / 271	25.62	22.72	0.187	33.01	-10.29
		2593.0	-2.90	1 / 271	25.67	22.77	0.189	33.01	-10.24
		2640.0	-2.90	1 / 135	25.63	22.73	0.187	33.01	-10.28
	16-QAM	2593.0	-2.90	1 / 271	24.62	21.72	0.149	33.01	-11.29
		2640.0	-2.90	1 / 271	23.68	20.78	0.120	33.01	-12.23
		2640.0	-2.90	1 / 135	20.66	17.76	0.060	33.01	-15.25
	256-QAM	2640.0	-2.90	1 / 135	20.66	17.76	0.060	33.01	-15.25

Table 7-43. Antenna 1b 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	22.83	-3.60	19.23	0.084	33.01	-13.78	
				21100	2535.0	1	99		21298	2554.8	1	0	23.05	-3.60	19.45	0.088	33.01	-13.56	
				21350	2560.0	1	0		21152	2540.2	1	99	22.79	-3.60	19.19	0.083	33.01	-13.82	
			16-QAM	21100	2535	100	0	QPSK	21298	2554.8	100	0	21.86	-3.60	18.26	0.067	33.01	-14.75	
				21100	2535	100	0		16-QAM	21298	2554.8	100	0	20.22	-3.60	16.62	0.046	33.01	-16.39
				64-QAM	21100	2535	100		0	64-QAM	21298	2554.8	100	0	19.35	-3.60	15.75	0.038	33.01
			256-QAM	21100	2535	100	0	256-QAM	21298	2554.8	100	0	18.78	-3.60	15.18	0.033	33.01	-17.83	

Table 7-44. Antenna 1b EIRP Data (ULCA LTE Band 7)

ULCA LTE Band 41(PC2)

Power State	Band	Bandwidth (PCC + SCC)	PCC					SCC					ULCA Tx. Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]		
			Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset	Modulation	UL Channel	UL Frequency	UL # RB	UL RB Offset								
Max	LTE B41 (PC2)	20MHz + 20MHz	QPSK	39750	2506.0	1	99	QPSK	39948	2525.8	1	0	26.65	-2.90	23.75	0.237	33.01	-9.26		
				40620	2593.0	1	99		40818	2612.8	1	0	27.16	-2.90	24.26	0.267	33.01	-8.75		
				41490	2680.0	1	0		41292	2660.2	1	99	27.13	-2.90	24.23	0.265	33.01	-8.78		
			QPSK	40620	2593	100	0	QPSK	40818	2612.8	100	0	26.10	-2.90	23.20	0.209	33.01	-9.81		
				16-QAM	40620	2593	100		0	16-QAM	40818	2612.8	100	0	25.22	-2.90	22.32	0.171	33.01	-10.69
				64-QAM	40620	2593	100		0	64-QAM	40818	2612.8	100	0	24.63	-2.90	21.73	0.149	33.01	-11.28
			256-QAM	40620	2593	100	0	256-QAM	40818	2612.8	100	0	22.99	-2.90	20.09	0.102	33.01	-12.92		

Table 7-45. 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	25.59	-2.90	22.69	0.186	33.01	-10.33		
				40620	2593.0	1	99		40818	2612.8	1	0	25.57	-2.90	22.67	0.185	33.01	-10.34		
				41490	2680.0	1	0		41292	2660.2	1	99	25.59	-2.90	22.69	0.186	33.01	-10.33		
			QPSK	39750	2506	100	0	QPSK	39948	2525.8	100	0	24.55	-2.90	21.65	0.146	33.01	-11.36		
				16-QAM	39750	2506	100		0	16-QAM	39948	2525.8	100	0	23.68	-2.90	20.78	0.120	33.01	-12.23
				64-QAM	39750	2506	100		0	64-QAM	39948	2525.8	100	0	23.24	-2.90	20.34	0.108	33.01	-12.67
256-QAM	39750	2506	100	0	256-QAM	39948	2525.8	100	0	21.55	-2.90	18.65	0.073	33.01	-14.37					

Table 7-46. Antenna 1b 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.

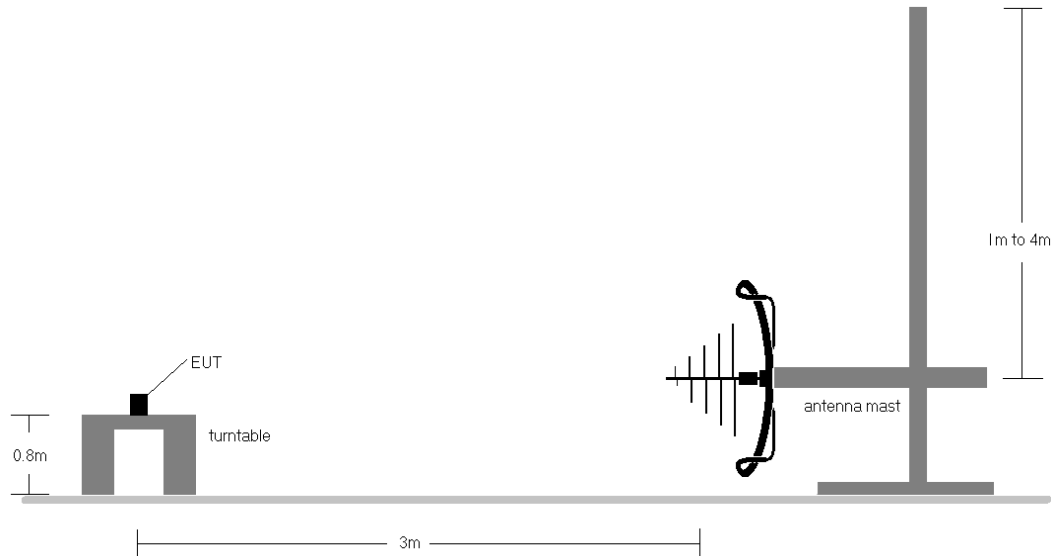


Figure 7-10. Test Instrument & Measurement Setup < 1GHz

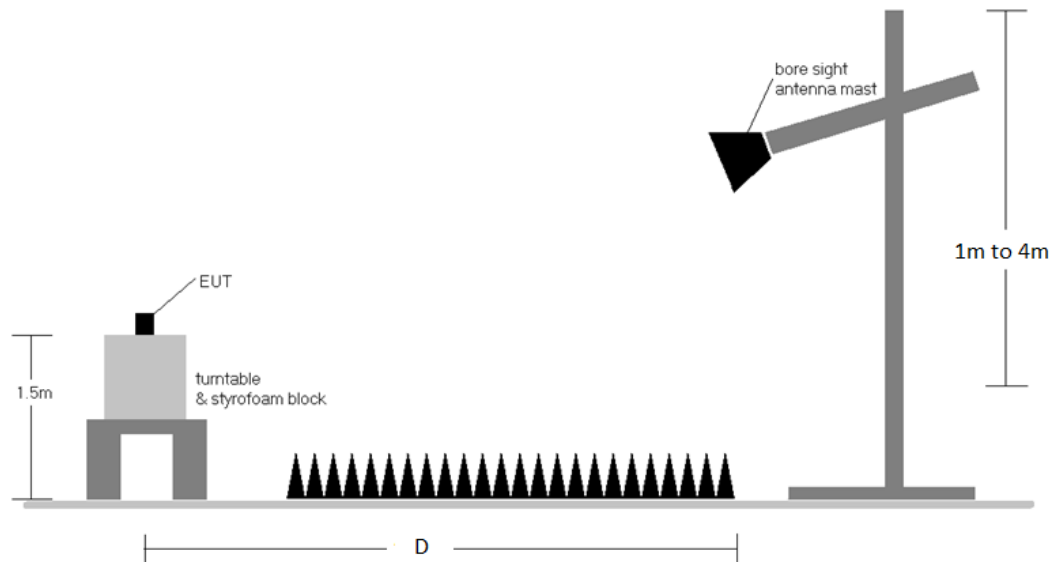


Figure 7-11. Test Instrument & Measurement Setup >1 GHz

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Test Notes

1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 D01 v03r01 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.

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7.7.1 Antenna 4 Radiated Spurious Emission Measurements

LTE Band 30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-78.57	4.76	33.19	-62.06	-40.00	-22.06
6922.5	V	-	-	-79.87	9.41	36.54	-58.71	-40.00	-18.71
9230.0	V	-	-	-80.15	10.60	37.44	-57.81	-40.00	-17.81

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	-	-	-78.50	4.87	33.36	-61.89	-40.00	-21.89
6930.0	V	-	-	-80.08	9.65	36.58	-58.68	-40.00	-18.68
9240.0	H	-	-	-80.38	10.51	37.13	-58.13	-40.00	-18.13

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	-	-	-78.59	4.81	33.23	-62.03	-40.00	-22.03
6937.50	H	-	-	-79.90	9.65	36.75	-58.51	-40.00	-18.51
9250.00	V	-	-	-80.56	10.65	37.09	-58.17	-40.00	-18.17

Table 7-49. 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	-	-	-78.83	4.80	32.97	-62.29	-25.00	-37.29
7530.0	V	-	-	-79.94	9.04	36.10	-59.16	-25.00	-34.16
10040.0	V	-	-	-80.40	11.87	38.47	-56.79	-25.00	-31.79

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	V	-	-	-79.33	5.43	33.10	-62.16	-25.00	-37.16
7605.0	H	-	-	-79.90	9.21	36.32	-58.94	-25.00	-33.94
10140.0	H	-	-	-80.54	11.83	38.29	-56.97	-25.00	-31.97

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	-	-	-78.90	5.24	33.35	-61.91	-25.00	-36.91
7680.00	V	-	-	-80.17	9.48	36.31	-58.95	-25.00	-33.95
10240.00	V	-	-	-80.23	11.88	38.65	-56.60	-25.00	-31.60

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

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LTE Band 41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-78.17	4.80	33.63	-61.63	-25.00	-36.63
7518.0	H	-	-	-79.60	9.04	36.44	-58.82	-25.00	-33.82
10024.0	V	-	-	-79.84	11.76	38.92	-56.34	-25.00	-31.34

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	-	-	-78.46	5.16	33.70	-61.56	-25.00	-36.56
7779.0	V	-	-	-79.38	9.54	37.16	-58.10	-25.00	-33.10
10372.0	H	-	-	-79.85	11.84	38.99	-56.27	-25.00	-31.27

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	V	-	-	-79.12	6.64	34.51	-60.74	-25.00	-35.74
8040.0	V	-	-	-78.68	9.23	37.55	-57.71	-25.00	-32.71
10720.0	H	-	-	-79.88	11.99	39.11	-56.15	-25.00	-31.15

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

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NR Band n30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-77.02	2.70	32.68	-62.57	-40.00	-22.57
6922.5	H	-	-	-78.25	5.96	34.71	-60.55	-40.00	-20.55
9230.0	H	-	-	-79.26	6.01	33.76	-61.50	-40.00	-21.50

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	V	-	-	-77.19	2.70	32.51	-62.75	-40.00	-22.75
6930.0	H	-	-	-78.82	6.26	34.44	-60.82	-40.00	-20.82
9240.0	H	-	-	-78.94	6.03	34.09	-61.17	-40.00	-21.17

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

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

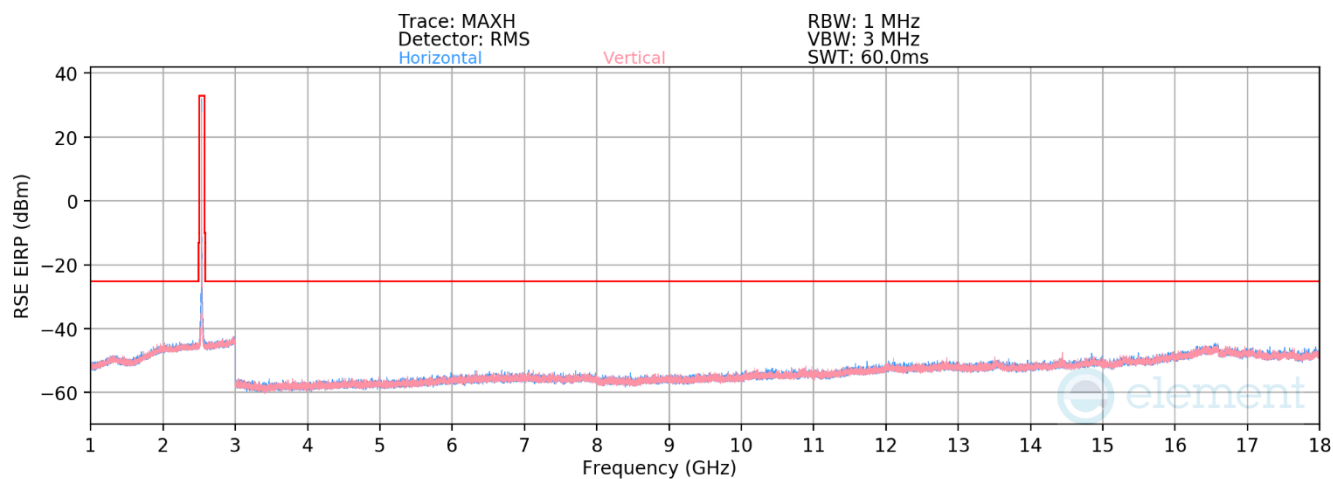
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.0	H	-	-	-76.96	2.70	32.73	-62.52	-40.00	-22.52
6937.5	V	-	-	-78.48	5.96	34.48	-60.78	-40.00	-20.78
9250.0	V	-	-	-79.06	6.03	33.97	-61.29	-40.00	-21.29

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

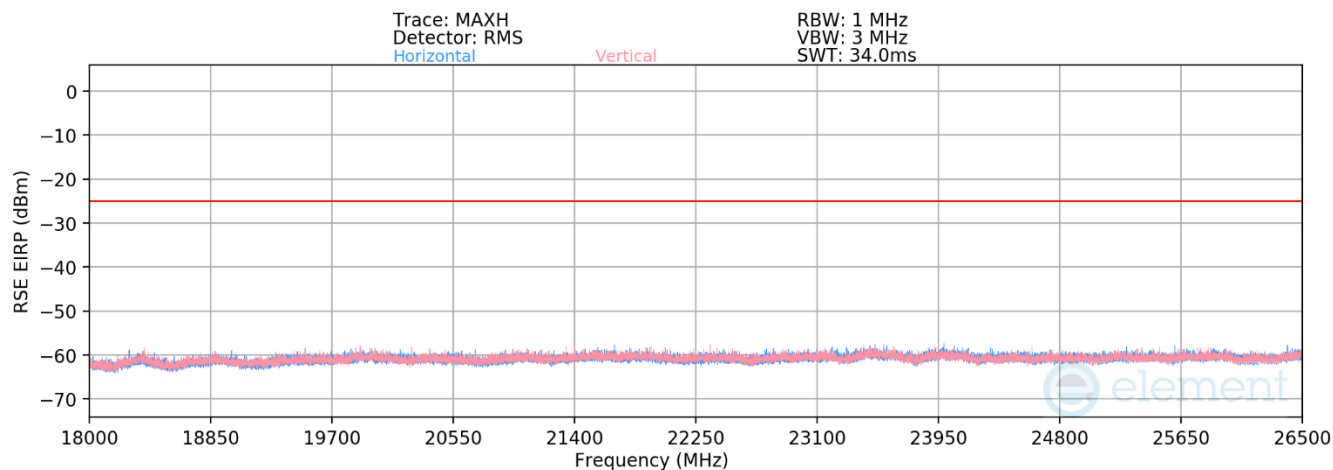
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NR Band n7



Plot 7-614. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (NR Band n7)



Plot 7-615. Antenna 4 Radiated Spurious Emission above 18GHz (NR Band n7)

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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	V	-	-	-77.98	3.38	32.40	-62.86	-25.00	-37.86
7560.0	H	-	-	-79.01	5.95	33.94	-61.31	-25.00	-36.31
10080.0	H	-	-	-79.55	7.71	35.16	-60.09	-25.00	-35.09

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	V	-	-	-77.76	3.25	32.49	-62.77	-25.00	-37.77
7605.0	H	-	-	-78.85	6.11	34.26	-61.00	-25.00	-36.00
10140.0	H	-	-	-79.39	7.53	35.14	-60.11	-25.00	-35.11

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	-	-	-77.87	3.54	32.67	-62.59	-25.00	-37.59
7650.0	V	-	-	-79.32	6.27	33.95	-61.31	-25.00	-36.31
10200.0	V	-	-	-79.50	7.75	35.26	-60.00	-25.00	-35.00

Table 7-61. 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	V	-	-	-77.44	3.38	32.94	-62.32	-25.00	-37.32
7638.0	H	-	-	-78.20	6.07	34.87	-60.39	-25.00	-35.39
10184.0	H	-	-	-78.87	7.75	35.88	-59.37	-25.00	-34.37

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	-	-	-77.49	3.75	33.25	-62.00	-25.00	-37.00
7779.0	H	-	-	-77.75	5.76	35.01	-60.25	-25.00	-35.25
10372.0	H	-	-	-79.15	8.16	36.01	-59.25	-25.00	-34.25

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

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

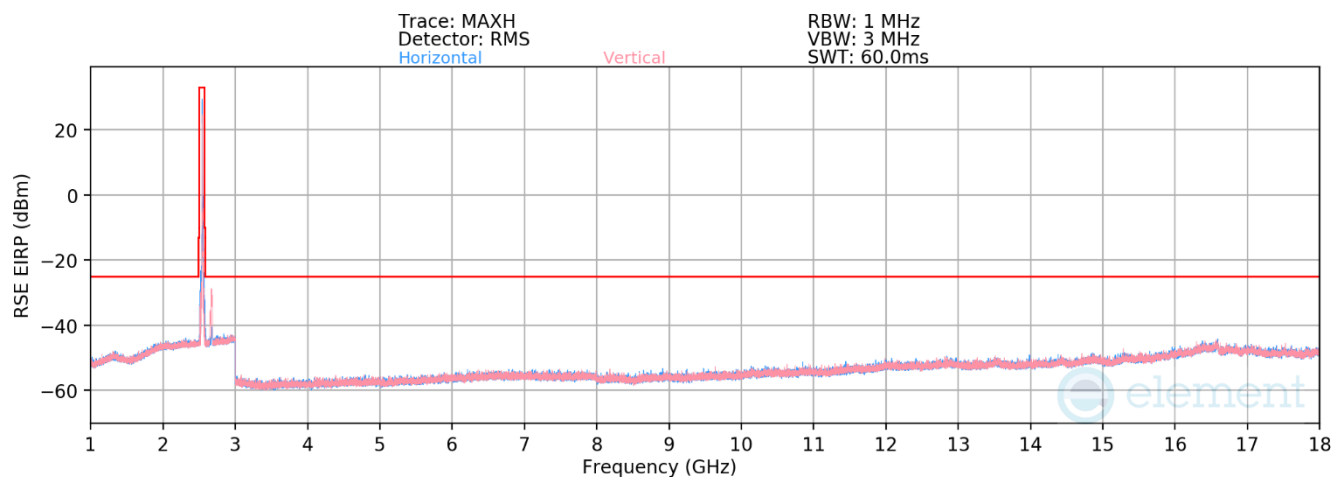
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.0	V	-	-	-77.39	3.79	33.40	-61.86	-25.00	-36.86
7920.0	V	-	-	-77.76	5.52	34.76	-60.49	-25.00	-35.49
10560.0	H	-	-	-79.40	8.19	35.78	-59.48	-25.00	-34.48

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

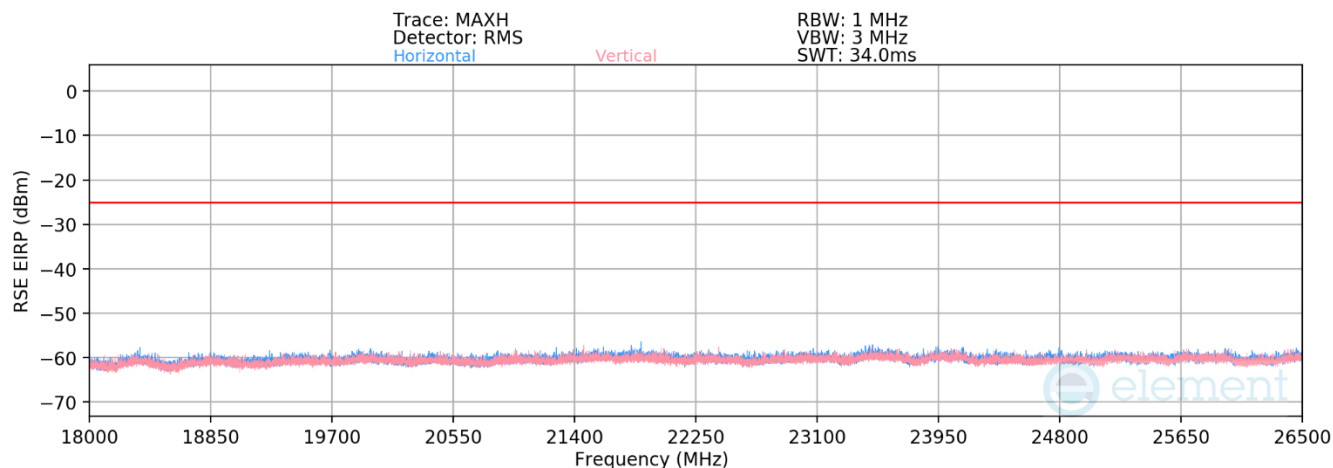
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ULCA - LTE Band 7



Plot 7-616. Antenna 4 Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 7)



Plot 7-617. Antenna 4 Radiated Spurious Emission above 18GHz (ULCA LTE Band 7)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-77.71	3.17	32.47	-62.79	-25.00	-37.79
7530.0	H	-	-	-79.22	6.17	33.95	-61.31	-25.00	-36.31
10040.0	H	-	-	-79.77	7.62	34.85	-60.41	-25.00	-35.41

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	-	-	-77.80	3.36	32.55	-62.71	-25.00	-37.71
7605.0	H	-	-	-78.95	6.07	34.13	-61.13	-25.00	-36.13
10140.0	V	-	-	-79.82	8.10	35.28	-59.98	-25.00	-34.98

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	-	-	-78.05	3.54	32.49	-62.77	-25.00	-37.77
7680.0	H	-	-	-79.21	6.27	34.06	-61.20	-25.00	-36.20
10240.0	H	-	-	-79.93	8.02	35.08	-60.17	-25.00	-35.17

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

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ULCA - LTE Band 41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	H	-	-	-77.48	3.38	32.89	-62.36	-25.00	-37.36
7518.0	V	-	-	-78.55	5.95	34.40	-60.86	-25.00	-35.86
10024.0	V	-	-	-78.92	7.36	35.44	-59.82	-25.00	-34.82

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	V	-	-	-77.11	3.75	33.64	-61.62	-25.00	-36.62
7779.0	H	-	-	-77.81	5.71	34.91	-60.35	-25.00	-35.35
10372.0	V	-	-	-79.35	8.16	35.81	-59.45	-25.00	-34.45

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	V	-	-	-77.27	3.53	33.26	-61.99	-25.00	-36.99
8040.0	H	-	-	-78.31	5.66	34.35	-60.91	-25.00	-35.91
10720.0	H	-	-	-79.76	8.46	35.70	-59.56	-25.00	-34.56

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

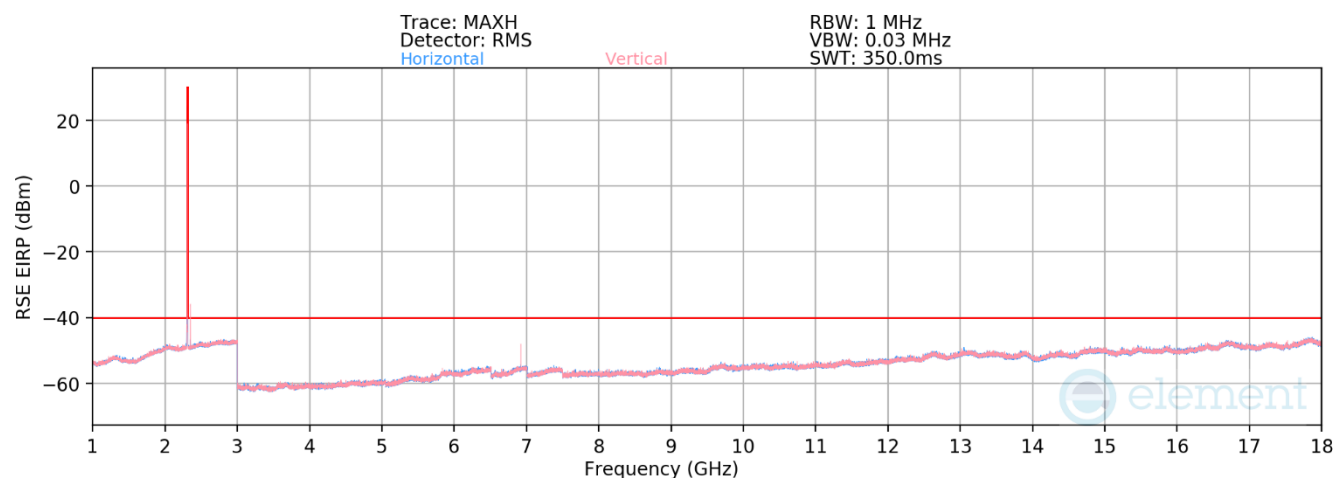
FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 387 of 427

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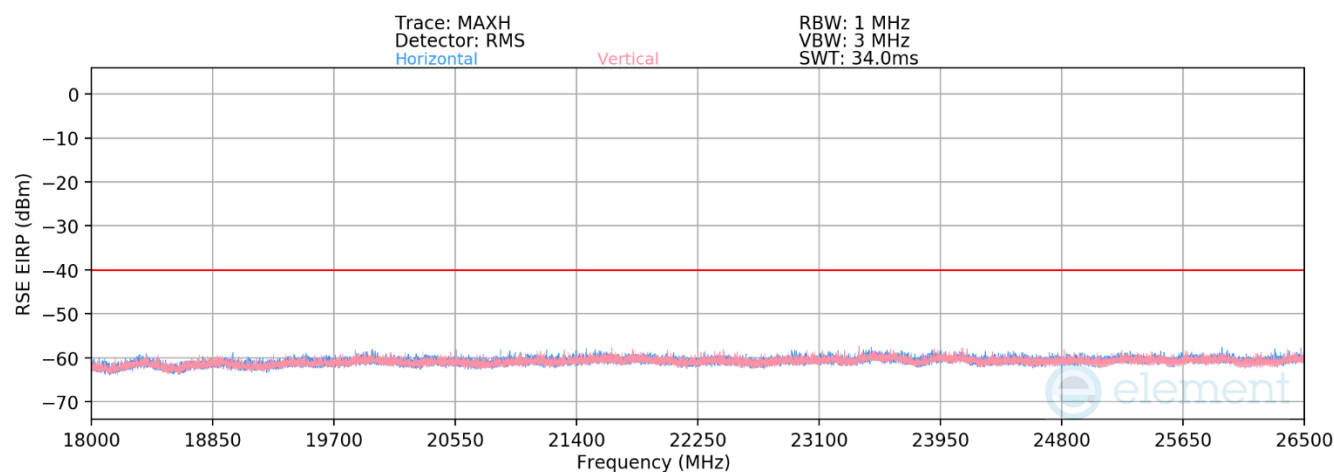
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7.7.2 Antenna 2b Radiated Spurious Emission Measurements

LTE Band 30



Plot 7-618. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (LTE Band 30)



Plot 7-619. Antenna 2b Radiated Spurious Emission above 18GHz (LTE Band 30)

FCC ID: BCGA3355		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 388 of 427

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-78.63	4.76	33.13	-62.13	-40.00	-22.13
6922.5	V	303	304	-70.16	9.41	46.25	-49.01	-40.00	-9.01
9230.0	H	-	-	-80.53	10.52	36.99	-58.27	-40.00	-18.27
11537.5	V	-	-	-80.88	13.14	39.26	-55.99	-40.00	-15.99
13845.0	V	-	-	-81.95	16.23	41.27	-53.98	-40.00	-13.98

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	-	-	-78.98	5.00	33.02	-62.24	-40.00	-22.24
6930.0	V	259	362	-70.62	9.41	45.79	-49.47	-40.00	-9.47
9240.0	H	-	-	-80.55	10.65	37.10	-58.16	-40.00	-18.16
11550.0	V	-	-	-80.97	13.26	39.29	-55.97	-40.00	-15.97
13860.0	V	-	-	-82.23	16.42	41.19	-54.07	-40.00	-14.07

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

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

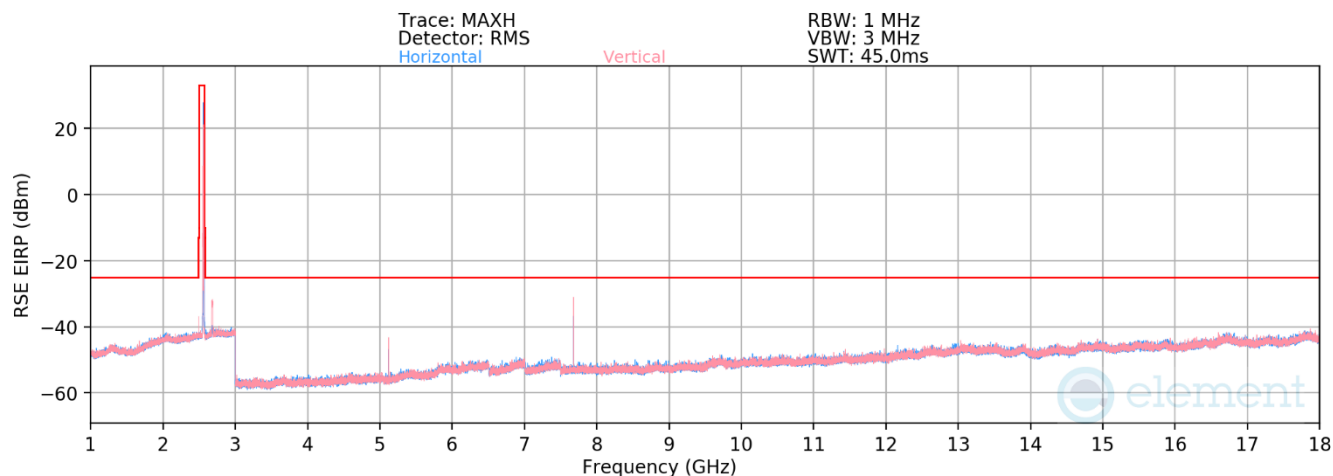
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4625.00	H	-	-	-78.93	5.03	33.10	-62.16	-40.00	-22.16
6937.50	V	-	-	-79.22	9.65	37.43	-57.83	-40.00	-17.83
9250.00	V	-	-	-80.40	10.63	37.23	-58.02	-40.00	-18.02

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

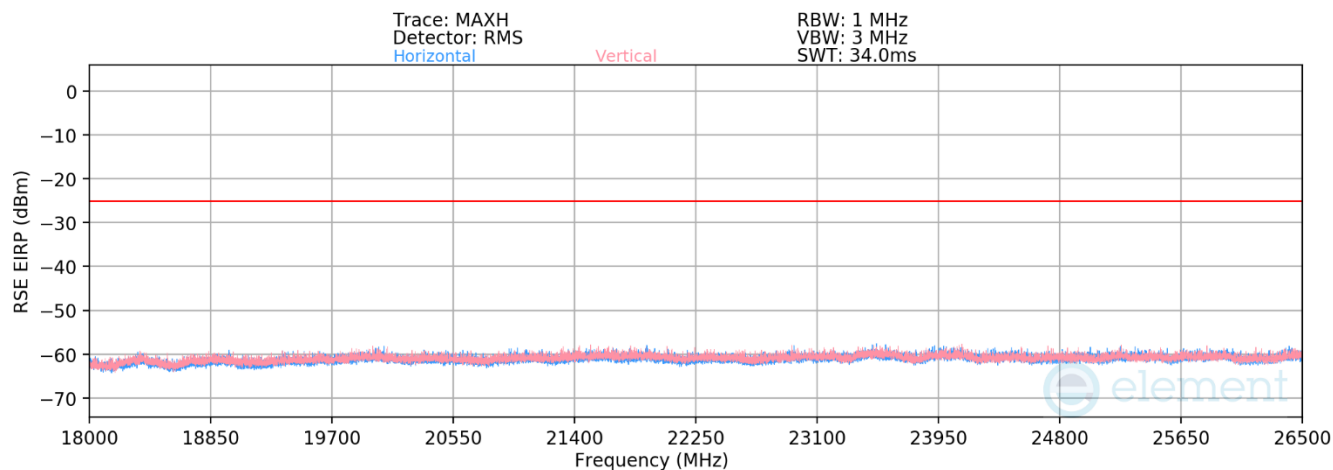
FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 7



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



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

FCC ID: BCGA3355		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 390 of 427

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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	-	-	-78.82	4.99	33.17	-62.09	-25.00	-37.09
7530.0	V	100	358	-73.13	9.04	42.91	-52.35	-25.00	-27.35
10040.0	H	-	-	-80.46	11.72	38.26	-56.99	-25.00	-31.99
12550.0	H	-	-	-81.75	15.85	41.10	-54.16	-25.00	-29.16
15060.0	V	-	-	-81.43	16.12	41.68	-53.58	-25.00	-28.58

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	V	316	363	-70.56	5.43	41.88	-53.38	-25.00	-28.38
7605.0	V	252	17	-62.64	9.46	53.82	-41.44	-25.00	-16.44
10140.0	H	-	-	-80.57	11.83	38.25	-57.00	-25.00	-32.00
12675.0	H	-	-	-81.25	15.96	41.71	-53.55	-25.00	-28.55
15210.0	H	-	-	-81.62	16.08	41.46	-53.80	-25.00	-28.80

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	V	314	328	-69.04	5.34	43.30	-51.95	-25.00	-26.95
7680.00	V	259	7	-57.11	9.61	59.51	-35.75	-25.00	-10.75
10240.00	H	-	-	-80.26	11.88	38.62	-56.64	-25.00	-31.64
12800.00	H	-	-	-81.66	16.01	41.36	-53.90	-25.00	-28.90
15360.00	V	-	-	-81.92	16.35	41.43	-53.83	-25.00	-28.83

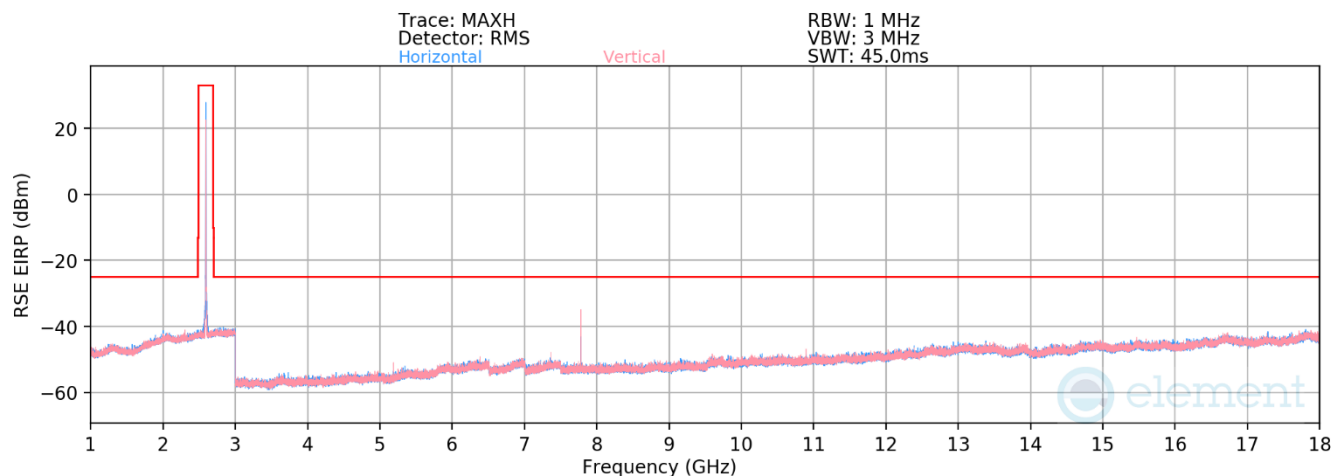
Table 7-76. Radiated Spurious Data (LTE Band 7 – High Channel)

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 391 of 427

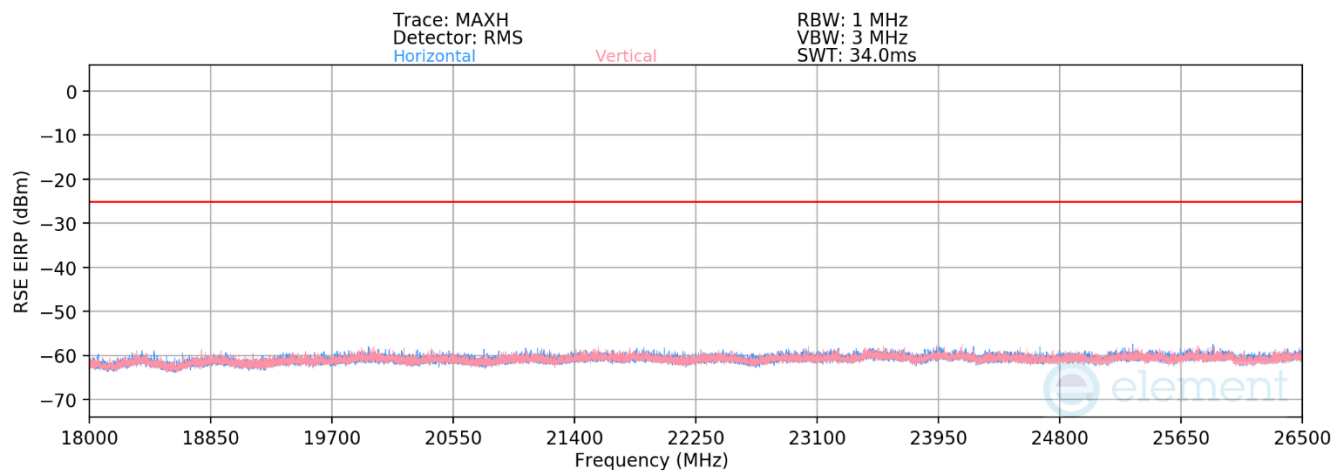
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LTE Band 41



Plot 7-622. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (LTE Band 41)



Plot 7-623. Antenna 2b Radiated Spurious Emission above 18GHz (LTE Band 41)

FCC ID: BCGA3355		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 392 of 427

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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	-	-	-76.62	4.85	35.24	-60.02	-25.00	-35.02
7518.0	V	201	7	-65.20	9.04	50.84	-44.42	-25.00	-19.42
10024.0	H	-	-	-79.39	11.31	38.92	-56.34	-25.00	-31.34
12530.0	H	-	-	-81.44	15.81	41.37	-53.89	-25.00	-28.89
15036.0	H	-	-	-80.90	16.23	42.32	-52.93	-25.00	-27.93

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	V	384	329	-73.03	5.09	39.07	-56.19	-25.00	-31.19
7779.0	V	295	365	-56.66	9.54	59.88	-35.38	-25.00	-10.38
10372.0	V	-	-	-79.51	11.53	39.02	-56.24	-25.00	-31.24
12965.0	V	-	-	-81.63	16.85	42.22	-53.04	-25.00	-28.04
15558.0	H	-	-	-81.14	16.79	42.65	-52.60	-25.00	-27.60

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

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

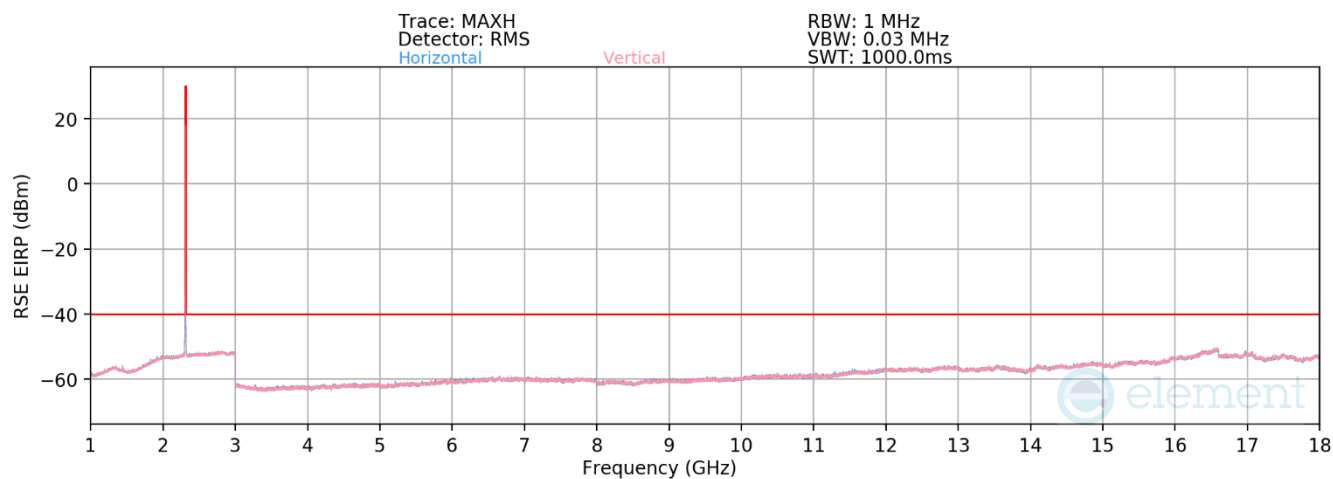
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.0	V	319	65	-61.50	6.53	52.03	-43.22	-25.00	-18.22
8040.0	V	110	189	-63.56	9.23	52.67	-42.58	-25.00	-17.58
10720.0	V	-	-	-80.06	12.14	39.07	-56.19	-25.00	-31.19
13400.0	H	-	-	-81.49	16.71	42.21	-53.05	-25.00	-28.05
16080.0	V	-	-	-81.54	16.94	42.40	-52.86	-25.00	-27.86

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

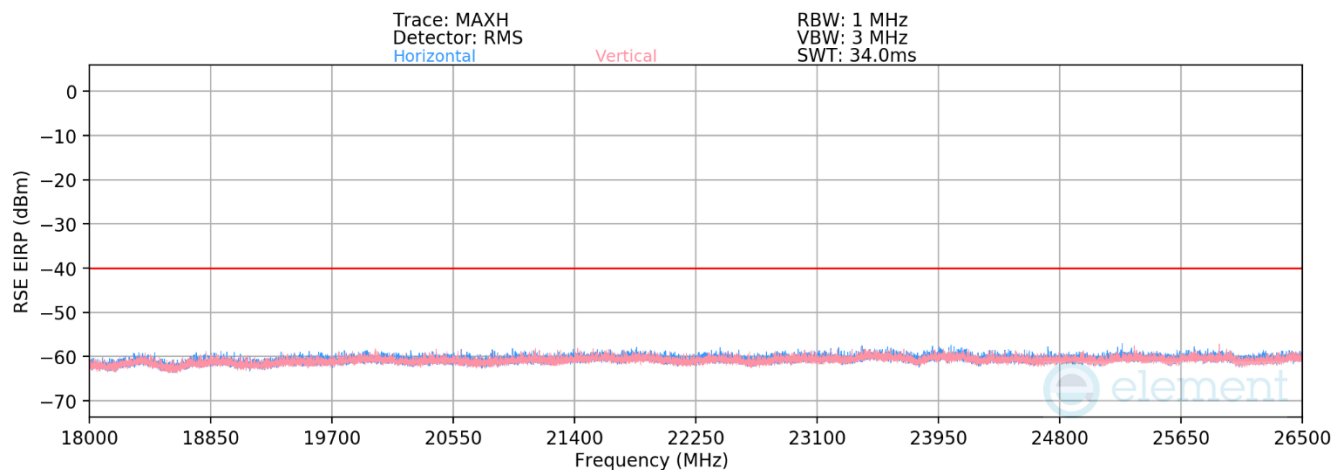
FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 393 of 427

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NR Band n30



Plot 7-624. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (NR Band n30)



Plot 7-625. Antenna 2b Radiated Spurious Emission above 18GHz (NR Band n30)

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
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Bandwidth (MHz):	5
Frequency (MHz):	2307.5
RB / Offset:	1 / 12

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	H	-	-	-77.05	2.70	32.64	-62.61	-40.00	-22.61
6922.5	V	-	-	-78.14	5.96	34.82	-60.44	-40.00	-20.44
9230.0	H	-	-	-79.06	6.00	33.95	-61.31	-40.00	-21.31

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	-	-	-77.02	2.70	32.68	-62.57	-40.00	-22.57
6930.0	H	-	-	-78.42	5.96	34.54	-60.72	-40.00	-20.72
9240.0	V	-	-	-78.93	5.98	34.06	-61.20	-40.00	-21.20

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	V	-	-	-77.26	2.86	32.60	-62.66	-40.00	-22.66
6937.5	V	-	-	-78.63	6.26	34.63	-60.62	-40.00	-20.62
9250.0	H	-	-	-78.93	6.00	34.07	-61.19	-40.00	-21.19

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device	Page 395 of 427

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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	-	-	-77.76	3.17	32.41	-62.85	-25.00	-37.85
7560.0	V	-	-	-77.06	5.95	35.89	-59.36	-25.00	-34.36
10080.0	H	-	-	-79.33	7.36	35.03	-60.23	-25.00	-35.23

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	V	-	-	-77.87	3.38	32.51	-62.75	-25.00	-37.75
7605.0	V	-	-	-77.37	6.12	35.75	-59.51	-25.00	-34.51
10140.0	H	-	-	-79.55	7.64	35.10	-60.16	-25.00	-35.16

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

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

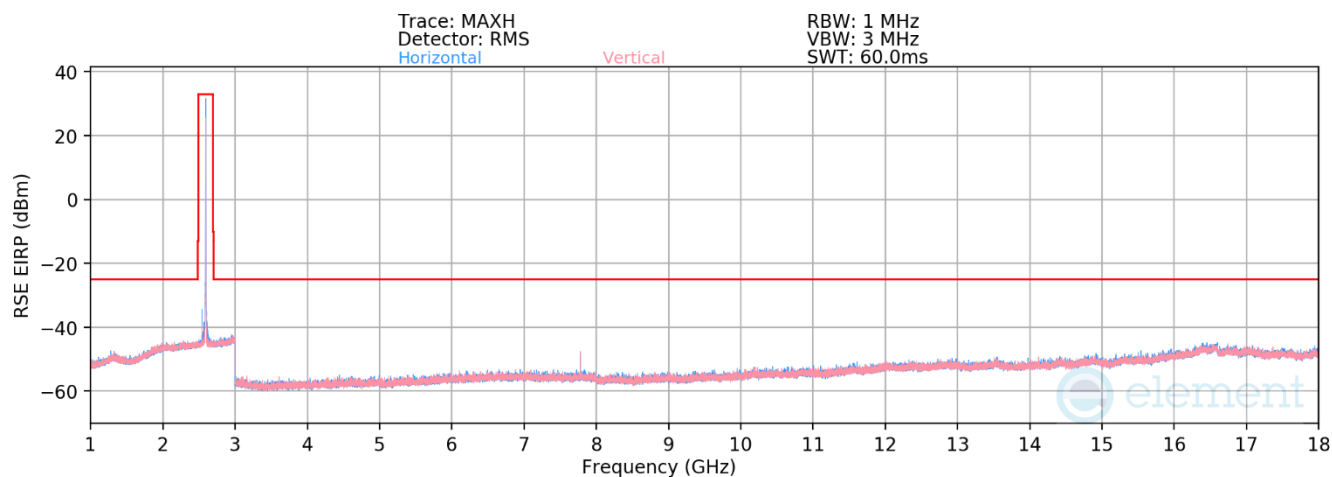
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5100.0	V	-	-	-77.86	3.38	32.52	-62.74	-25.00	-37.74
7650.0	V	-	-	-76.87	6.09	36.21	-59.05	-25.00	-34.05
10200.0	H	-	-	-79.91	8.10	35.19	-60.06	-25.00	-35.06

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

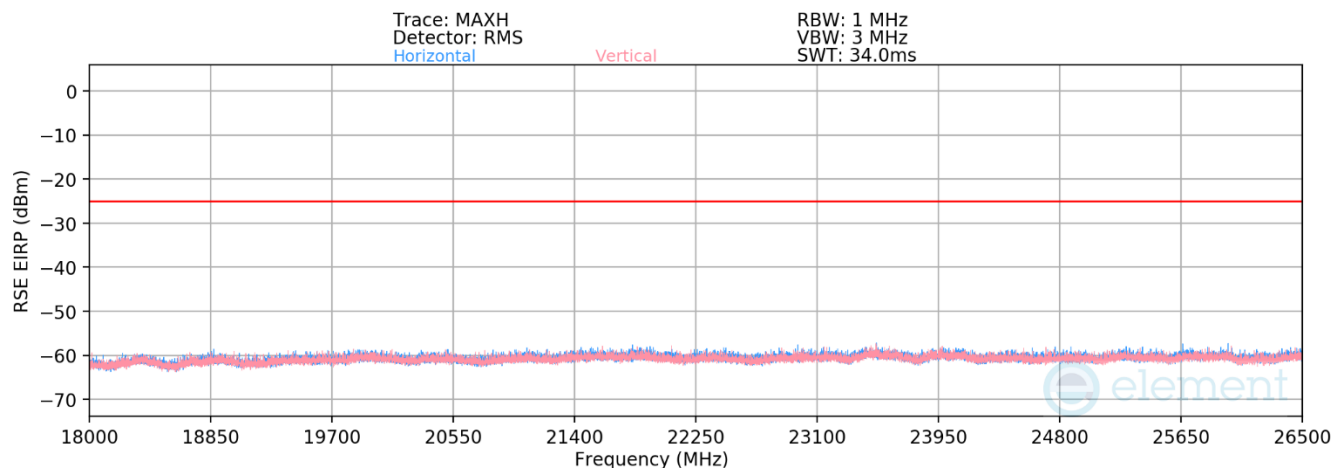
FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41



Plot 7-626. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (NR Band n41)



Plot 7-627. Antenna 2b Radiated Spurious Emission above 18GHz (NR Band n41)

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	100
Frequency (MHz):	2546.0
RB / Offset:	1 / 136

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	V	-	-	-77.30	3.38	33.08	-62.18	-25.00	-37.18
7638.0	V	314	273	-63.17	6.27	50.09	-45.16	-25.00	-20.16
10184.0	H	-	-	-78.79	7.75	35.97	-59.29	-25.00	-34.29
12730.0	H	-	-	-81.01	12.63	38.62	-56.64	-25.00	-31.64
15276.0	V	-	-	-82.90	15.92	40.02	-55.24	-25.00	-30.24

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	V	-	-	-76.62	3.46	33.84	-61.42	-25.00	-36.42
7779.0	V	236	355	-62.65	5.89	50.24	-45.02	-25.00	-20.02
10372.0	V	-	-	-79.31	8.16	35.85	-59.41	-25.00	-34.41
12965.0	H	-	-	-81.74	12.95	38.21	-57.05	-25.00	-32.05
15558.0	V	-	-	-83.21	16.34	40.14	-55.12	-25.00	-30.12

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	-	-	-77.24	3.83	33.59	-61.67	-25.00	-36.67
7920.0	V	280	357	-63.94	5.47	48.53	-46.73	-25.00	-21.73
10560.0	V	-	-	-79.69	8.19	35.50	-59.76	-25.00	-34.76
13200.0	V	-	-	-81.11	12.69	38.58	-56.67	-25.00	-31.67
15840.0	H	-	-	-83.23	16.83	40.60	-54.66	-25.00	-29.66

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	-	-	-77.48	3.17	32.69	-62.57	-25.00	-37.57
7530.0	V	-	-	-79.01	6.17	34.16	-61.10	-25.00	-36.10
10040.0	V	-	-	-79.91	7.62	34.72	-60.54	-25.00	-35.54

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	-	-	-77.83	3.36	32.52	-62.73	-25.00	-37.73
7605.0	V	-	-	-79.11	6.27	34.16	-61.10	-25.00	-36.10
10140.0	V	-	-	-79.37	7.75	35.38	-59.88	-25.00	-34.88

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

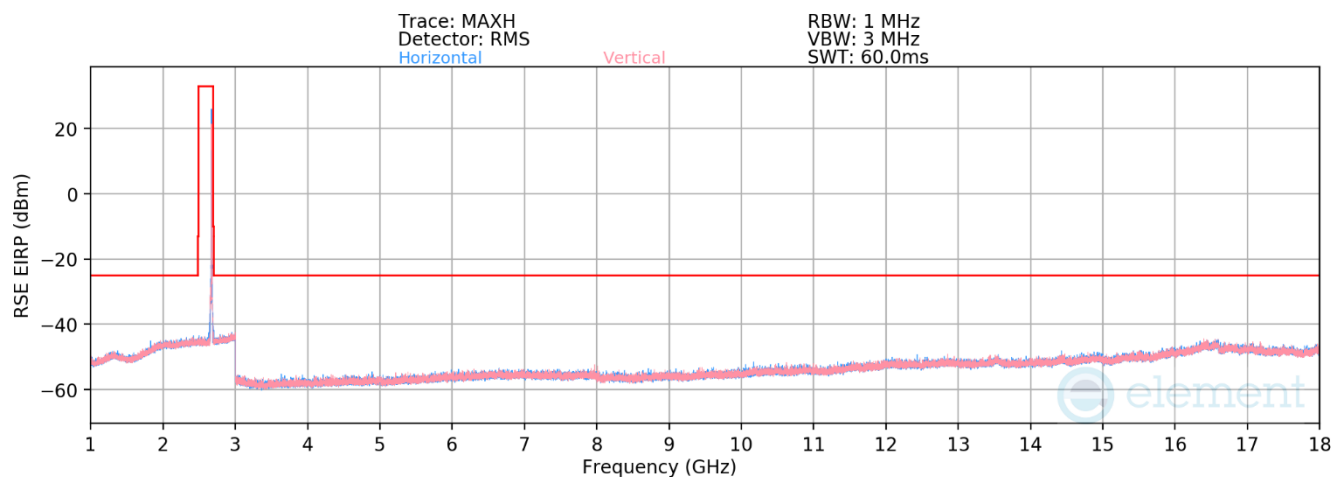
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5120.0	V	-	-	-78.02	3.54	32.51	-62.74	-25.00	-37.74
7680.0	V	-	-	-78.71	6.09	34.38	-60.88	-25.00	-35.88
10240.0	H	-	-	-80.12	8.10	34.99	-60.27	-25.00	-35.27

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

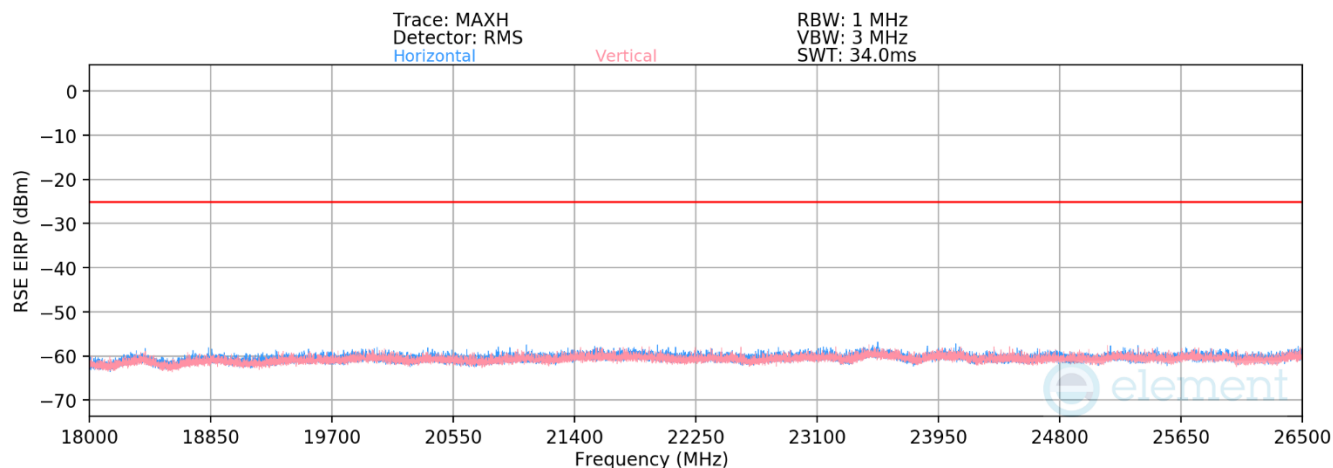
FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 41



Plot 7-628. Antenna 2b Radiated Spurious Plot 1GHz – 18GHz (ULCA LTE Band 41)



Plot 7-629. Antenna 2b Radiated Spurious Emission above 18GHz (ULCA LTE Band 41)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-77.00	3.17	33.17	-62.08	-25.00	-37.08
7518.0	V	-	-	-78.60	6.17	34.57	-60.69	-25.00	-35.69
10024.0	H	-	-	-78.79	7.36	35.57	-59.69	-25.00	-34.69

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	V	-	-	-77.63	3.75	33.12	-62.14	-25.00	-37.14
7779.0	V	299	356	-73.74	5.76	39.02	-56.23	-25.00	-31.23
10372.0	H	-	-	-79.22	7.95	35.73	-59.53	-25.00	-34.53
12965.0	V	-	-	-81.96	12.96	38.00	-57.26	-25.00	-32.26
15558.0	V	-	-	-82.25	16.06	40.81	-54.45	-25.00	-29.45

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	-	-	-77.08	3.59	33.50	-61.75	-25.00	-36.75
8040.0	V	292	75	-73.30	5.52	39.21	-56.04	-25.00	-31.04
10720.0	H	-	-	-79.71	8.46	35.75	-59.51	-25.00	-34.51
13400.0	V	-	-	-81.89	13.02	38.13	-57.13	-25.00	-32.13
16080.0	H	-	-	-83.13	17.99	41.86	-53.40	-25.00	-28.40

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

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7.7.3 Antenna 3a 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	-	-	-78.59	4.76	33.17	-62.08	-40.00	-22.08
6922.5	H	-	-	-79.98	9.65	36.68	-58.58	-40.00	-18.58
9230.0	V	-	-	-80.65	10.65	37.00	-58.25	-40.00	-18.25

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	-	-	-78.88	5.03	33.15	-62.11	-40.00	-22.11
6930.0	H	-	-	-79.82	9.41	36.59	-58.67	-40.00	-18.67
9240.0	H	-	-	-80.20	10.51	37.31	-57.95	-40.00	-17.95

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	V	-	-	-78.73	4.81	33.08	-62.18	-40.00	-22.18
6937.50	H	-	-	-80.01	9.85	36.84	-58.42	-40.00	-18.42
9250.00	V	-	-	-80.20	10.51	37.31	-57.95	-40.00	-17.95

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-78.81	4.80	32.99	-62.27	-25.00	-37.27
7530.0	V	-	-	-79.68	9.04	36.36	-58.90	-25.00	-33.90
10040.0	V	-	-	-80.42	11.87	38.44	-56.82	-25.00	-31.82

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	V	-	-	-79.32	5.43	33.11	-62.15	-25.00	-37.15
7605.0	V	-	-	-79.84	9.46	36.62	-58.64	-25.00	-33.64
10140.0	V	-	-	-80.51	11.88	38.37	-56.88	-25.00	-31.88

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	V	-	-	-79.18	5.37	33.19	-62.07	-25.00	-37.07
7680.00	V	-	-	-80.05	9.48	36.43	-58.83	-25.00	-33.83
10240.00	V	-	-	-80.14	11.78	38.65	-56.61	-25.00	-31.61

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

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LTE Band 41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-78.46	5.35	33.89	-61.37	-25.00	-36.37
7518.0	V	-	-	-79.82	9.61	36.79	-58.47	-25.00	-33.47
10024.0	H	-	-	-79.91	12.20	39.29	-55.97	-25.00	-30.97

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	V	-	-	-78.48	5.16	33.68	-61.58	-25.00	-36.58
7779.0	V	-	-	-79.43	9.54	37.11	-58.15	-25.00	-33.15
10372.0	V	-	-	-79.59	11.53	38.94	-56.32	-25.00	-31.32

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	V	-	-	-79.15	6.64	34.48	-60.77	-25.00	-35.77
8040.0	V	-	-	-79.98	9.42	36.43	-58.82	-25.00	-33.82
10720.0	V	-	-	-79.93	12.13	39.21	-56.05	-25.00	-31.05

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-76.80	2.70	32.89	-62.36	-40.00	-22.36
6922.5	H	-	-	-78.59	5.96	34.37	-60.89	-40.00	-20.89
9230.0	H	-	-	-79.21	6.03	33.82	-61.43	-40.00	-21.43

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	V	-	-	-77.02	2.70	32.68	-62.58	-40.00	-22.58
6930.0	H	-	-	-78.62	5.96	34.33	-60.92	-40.00	-20.92
9240.0	H	-	-	-78.92	6.00	34.08	-61.18	-40.00	-21.18

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	V	-	-	-77.41	3.08	32.68	-62.58	-40.00	-22.58
6937.5	V	-	-	-78.66	6.26	34.60	-60.66	-40.00	-20.66
9250.0	H	-	-	-79.00	6.00	34.00	-61.25	-40.00	-21.25

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

FCC ID: BCGA3355	 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	-	-	-77.78	3.38	32.59	-62.66	-25.00	-37.66
7560.0	H	-	-	-78.98	6.17	34.19	-61.06	-25.00	-36.06
10080.0	V	-	-	-79.76	7.62	34.86	-60.40	-25.00	-35.40

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	-	-	-77.84	3.38	32.53	-62.72	-25.00	-37.72
7605.0	H	-	-	-78.93	6.12	34.19	-61.07	-25.00	-36.07
10140.0	H	-	-	-79.29	7.55	35.26	-60.00	-25.00	-35.00

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	-	-	-77.60	3.54	32.94	-62.32	-25.00	-37.32
7650.0	H	-	-	-78.86	6.07	34.21	-61.05	-25.00	-36.05
10200.0	H	-	-	-79.72	8.10	35.38	-59.88	-25.00	-34.88

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

FCC ID: BCGA3355	 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	-	-	-77.31	3.38	33.07	-62.19	-25.00	-37.19
7638.0	H	-	-	-78.17	6.07	34.90	-60.36	-25.00	-35.36
10184.0	V	-	-	-78.98	7.75	35.77	-59.49	-25.00	-34.49

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	H	-	-	-77.51	3.75	33.24	-62.02	-25.00	-37.02
7779.0	H	-	-	-77.89	5.71	34.83	-60.43	-25.00	-35.43
10372.0	V	-	-	-79.17	8.16	35.99	-59.27	-25.00	-34.27

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	H	-	-	-77.31	3.79	33.48	-61.78	-25.00	-36.78
7920.0	H	-	-	-77.82	5.42	34.60	-60.66	-25.00	-35.66
10560.0	V	-	-	-79.54	8.20	35.67	-59.59	-25.00	-34.59

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	-	-	-77.82	3.38	32.56	-62.70	-25.00	-37.70
7530.0	H	-	-	-78.94	5.95	34.01	-61.25	-25.00	-36.25
10040.0	H	-	-	-80.07	7.71	34.64	-60.62	-25.00	-35.62

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	-	-	-77.78	3.38	32.59	-62.67	-25.00	-37.67
7605.0	H	-	-	-79.13	6.27	34.14	-61.12	-25.00	-36.12
10140.0	H	-	-	-79.52	7.64	35.12	-60.13	-25.00	-35.13

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	-	-	-77.86	3.29	32.42	-62.84	-25.00	-37.84
7680.0	V	-	-	-79.21	6.27	34.06	-61.20	-25.00	-36.20
10240.0	H	-	-	-79.64	7.75	35.11	-60.14	-25.00	-35.14

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	V	-	-	-77.45	3.38	32.92	-62.33	-25.00	-37.33
7518.0	H	-	-	-78.71	6.17	34.46	-60.79	-25.00	-35.79
10024.0	V	-	-	-79.26	7.71	35.45	-59.81	-25.00	-34.81

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	-	-	-77.39	3.74	33.35	-61.91	-25.00	-36.91
7779.0	H	-	-	-77.76	5.76	35.00	-60.26	-25.00	-35.26
10372.0	V	-	-	-79.30	7.95	35.65	-59.61	-25.00	-34.61

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	-	-	-77.10	3.58	33.48	-61.78	-25.00	-36.78
8040.0	H	-	-	-78.26	5.66	34.40	-60.86	-25.00	-35.86
10720.0	V	-	-	-79.55	8.44	35.89	-59.37	-25.00	-34.37

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

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7.7.4 Antenna 1b Radiated Spurious Emission Measurements

LTE Band 30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-77.09	2.70	32.61	-62.65	-40.00	-22.65
6922.5	H	400	247	-71.53	6.09	41.56	-53.70	-40.00	-13.70
9230.0	H	-	-	-79.17	6.01	33.84	-61.42	-40.00	-21.42
11537.5	H	-	-	-80.77	10.50	36.73	-58.53	-40.00	-18.53
13845.0	H	-	-	-82.77	13.34	37.57	-57.69	-40.00	-17.69

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	-	-	-77.13	2.70	32.57	-62.69	-40.00	-22.69
6930.0	H	397	243	-72.35	6.09	40.74	-54.52	-40.00	-14.52
9240.0	H	-	-	-78.96	6.00	34.05	-61.21	-40.00	-21.21
11550.0	H	-	-	-80.77	10.59	36.82	-58.44	-40.00	-18.44
13860.0	V	-	-	-82.40	13.01	37.61	-57.65	-40.00	-17.65

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	-	-	-77.03	2.70	32.67	-62.59	-40.00	-22.59
6937.50	V	104	211	-72.27	5.96	40.69	-54.57	-40.00	-14.57
9250.00	H	-	-	-79.18	6.00	33.83	-61.43	-40.00	-21.43
11562.50	V	-	-	-81.11	10.59	36.48	-58.78	-40.00	-18.78
13875.00	V	-	-	-82.43	13.06	37.63	-57.63	-40.00	-17.63

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	V	-	-	-77.74	3.17	32.43	-62.82	-25.00	-37.82
7530.0	V	-	-	-79.10	6.05	33.95	-61.30	-25.00	-36.30
10040.0	H	-	-	-79.31	7.36	35.05	-60.21	-25.00	-35.21

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	H	-	-	-77.99	3.36	32.37	-62.89	-25.00	-37.89
7605.0	H	-	-	-78.93	6.12	34.19	-61.07	-25.00	-36.07
10140.0	V	-	-	-79.54	7.53	34.99	-60.27	-25.00	-35.27

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	-	-	-77.92	3.54	32.62	-62.64	-25.00	-37.64
7680.00	V	-	-	-78.76	5.79	34.04	-61.22	-25.00	-36.22
10240.00	V	-	-	-79.84	7.98	35.15	-60.11	-25.00	-35.11

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

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LTE Band 41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-76.81	3.10	33.29	-61.97	-25.00	-36.97
7518.0	V	-	-	-78.34	6.09	34.75	-60.51	-25.00	-35.51
10024.0	V	-	-	-78.96	7.37	35.41	-59.85	-25.00	-34.85

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	V	-	-	-77.47	3.75	33.27	-61.99	-25.00	-36.99
7779.0	V	-	-	-77.54	5.89	35.35	-59.91	-25.00	-34.91
10372.0	H	-	-	-79.45	8.16	35.72	-59.54	-25.00	-34.54

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	V	-	-	-77.10	3.59	33.49	-61.77	-25.00	-36.77
8040.0	V	-	-	-78.34	5.66	34.31	-60.95	-25.00	-35.95
10720.0	V	-	-	-79.92	8.85	35.92	-59.33	-25.00	-34.33

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

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NR Band n30

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4615.0	V	-	-	-77.00	2.70	32.70	-62.56	-40.00	-22.56
6922.5	H	-	-	-78.41	5.96	34.55	-60.71	-40.00	-20.71
9230.0	V	-	-	-79.09	6.00	33.91	-61.35	-40.00	-21.35

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	-	-	-77.19	2.70	32.51	-62.75	-40.00	-22.75
6930.0	V	-	-	-78.41	5.96	34.55	-60.71	-40.00	-20.71
9240.0	H	-	-	-79.18	6.00	33.83	-61.43	-40.00	-21.43

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	-	-	-76.81	2.70	32.89	-62.37	-40.00	-22.37
6937.5	V	-	-	-78.46	5.96	34.49	-60.76	-40.00	-20.76
9250.0	H	-	-	-79.11	6.03	33.92	-61.34	-40.00	-21.34

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

FCC ID: BCGA3355	 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	-	-	-77.61	2.94	32.33	-62.93	-25.00	-37.93
7560.0	V	-	-	-79.07	6.17	34.09	-61.16	-25.00	-36.16
10080.0	H	-	-	-79.92	7.59	34.66	-60.59	-25.00	-35.59

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	H	-	-	-77.77	3.17	32.40	-62.86	-25.00	-37.86
7605.0	H	-	-	-79.04	6.12	34.07	-61.18	-25.00	-36.18
10140.0	V	-	-	-79.55	7.55	35.00	-60.25	-25.00	-35.25

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	H	-	-	-77.99	3.54	32.54	-62.71	-25.00	-37.71
7650.0	H	-	-	-79.05	6.27	34.22	-61.04	-25.00	-36.04
10200.0	V	-	-	-79.72	8.10	35.39	-59.87	-25.00	-34.87

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.0	H	-	-	-77.21	3.38	33.17	-62.09	-25.00	-37.09
7638.0	H	-	-	-78.36	6.07	34.71	-60.54	-25.00	-35.54
10184.0	H	-	-	-78.88	7.75	35.87	-59.38	-25.00	-34.38

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	H	-	-	-77.52	3.75	33.23	-62.03	-25.00	-37.03
7779.0	V	-	-	-77.61	5.89	35.28	-59.98	-25.00	-34.98
10372.0	H	-	-	-79.15	8.16	36.01	-59.24	-25.00	-34.24

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	-	-	-77.24	3.79	33.55	-61.71	-25.00	-36.71
7920.0	V	-	-	-77.75	5.41	34.66	-60.60	-25.00	-35.60
10560.0	V	-	-	-79.37	8.19	35.81	-59.44	-25.00	-34.44

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

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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ULCA - LTE Band 7

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5020.0	H	-	-	-77.96	3.38	32.42	-62.84	-25.00	-37.84
7530.0	H	-	-	-79.03	6.17	34.14	-61.12	-25.00	-36.12
10040.0	H	-	-	-79.94	7.59	34.65	-60.60	-25.00	-35.60

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	-	-	-77.84	3.38	32.54	-62.72	-25.00	-37.72
7605.0	H	-	-	-79.01	6.07	34.06	-61.20	-25.00	-36.20
10140.0	V	-	-	-79.43	7.64	35.21	-60.04	-25.00	-35.04

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	H	-	-	-77.64	3.25	32.61	-62.65	-25.00	-37.65
7680.0	H	-	-	-79.10	6.07	33.97	-61.29	-25.00	-36.29
10240.0	H	-	-	-79.57	7.75	35.18	-60.08	-25.00	-35.08

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

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ULCA - LTE Band 41

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.0	V	-	-	-77.30	3.19	32.89	-62.36	-25.00	-37.36
7518.0	H	-	-	-78.54	5.95	34.41	-60.85	-25.00	-35.85
10024.0	V	-	-	-78.85	7.36	35.50	-59.75	-25.00	-34.75

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	V	-	-	-77.51	3.75	33.24	-62.02	-25.00	-37.02
7779.0	H	-	-	-77.71	5.60	34.88	-60.37	-25.00	-35.37
10372.0	V	-	-	-79.39	8.06	35.66	-59.59	-25.00	-34.59

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	-	-	-77.06	3.58	33.52	-61.74	-25.00	-36.74
8040.0	V	-	-	-78.22	5.58	34.36	-60.90	-25.00	-35.90
10720.0	H	-	-	-79.69	8.46	35.76	-59.49	-25.00	-34.49

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

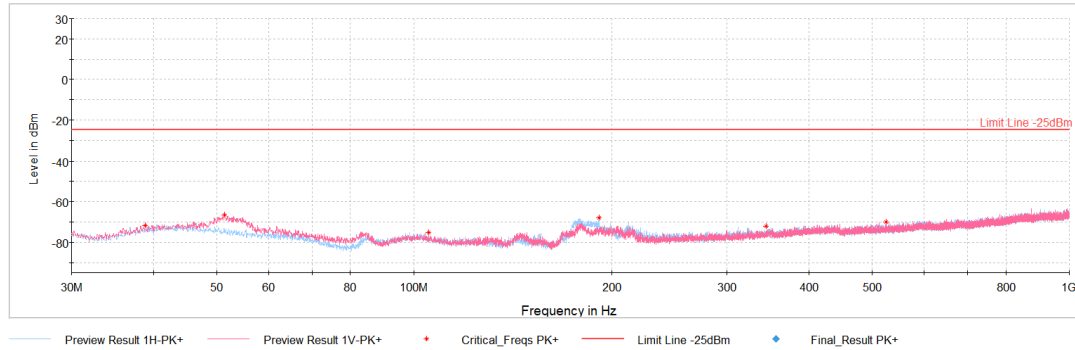
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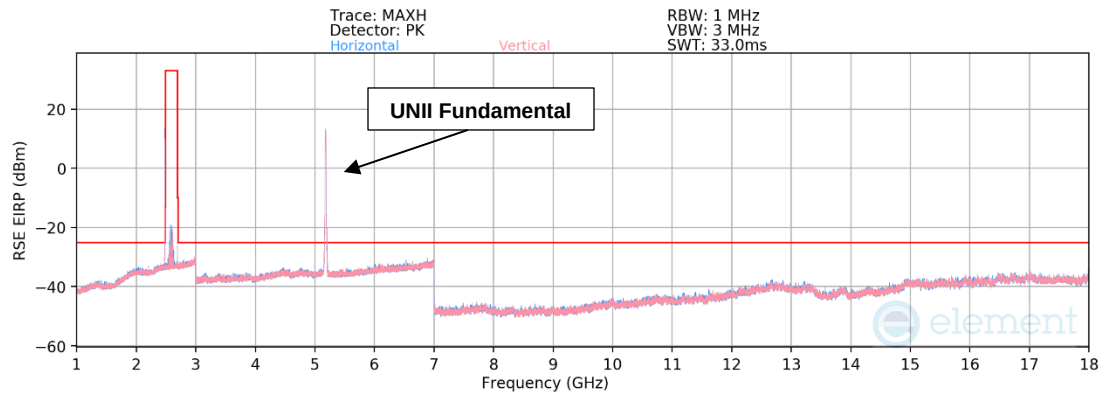
7.7.5 Simultaneous Tx Radiated Spurious Emissions Measurements

Description	LTE B41	Bluetooth	UNII
Antenna	Antenna 3a	Antenna 3a	Antenna 3a
Channel	40640	78	36
Operating Frequency (MHz)	2595	2480	5180
Mode/Modulation	QPSK/1RB/20MHz	GFSK ePa	11n

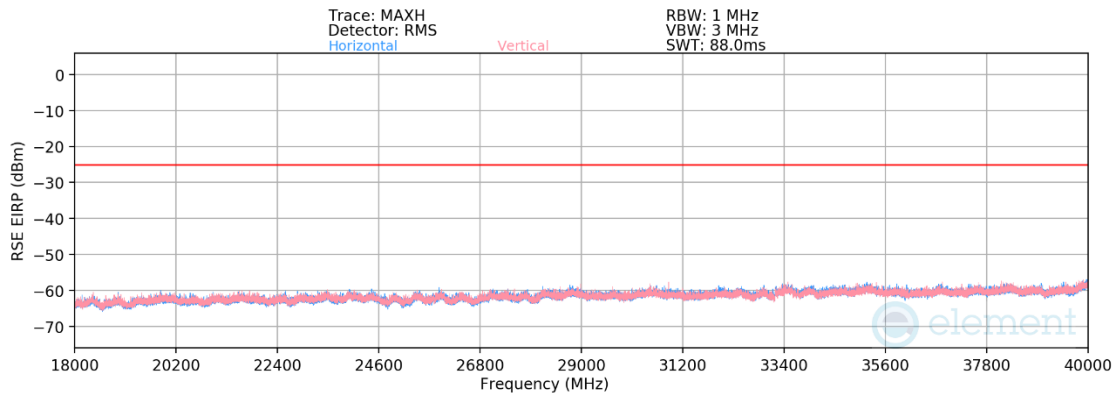
Table 7-143. Worst Case Simultaneous Transmission Configuration



Plot 7-630. Radiated Spurious Emissions - Simultaneous Transmission 30MHz – 1GHz



Plot 7-631. Radiated Spurious Emissions - Simultaneous Transmission 1GHz – 18GHz



Plot 7-632. 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	-	-	-	-68.29	17.06	55.77	73.98	-18.20
7440.00	Peak	-	-	-	-69.86	12.25	49.39	73.98	-24.59
9920.00	Peak	-	-	-	-70.94	15.13	51.19	73.98	-22.79
12400.00	Peak	-	-	-	-71.39	19.38	54.99	73.98	-18.99

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

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]
10360.00	Peak	-	-	-	-71.41	16.28	51.87	68.23	-16.36
15540.00	Avg	-	-	-	-82.91	23.00	47.09	53.98	-6.89
15540.00	Peak	-	-	-	-71.95	23.00	58.05	73.98	-15.93

Table 7-145. UNII 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]	Limit [dBm]	Margin [dB]
5170.00	-	-	-	-80.20	17.99	44.8	-50.44	-25.0	-25.4
7755.00	-	-	-	-80.99	11.84	37.8	-57.38	-25.0	-32.4
10340.00	-	-	-	-82.22	15.93	40.7	-54.52	-25.0	-29.5
12925.00	-	-	-	-82.73	20.17	44.4	-50.79	-25.0	-25.8
2375.00*	-	-	-	-77.24	12.23	42.0	-53.24	-25.0	-28.2
2690.00*	H	105	212	-61.94	19.16	64.2	-31.01	-25.0	-6.0

Table 7-146. LTE-b41 PC2 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:

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

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

Test Procedure Used

ANSI C63.26-2015

TIA-603-E-2016

Test Settings

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

Test Setup

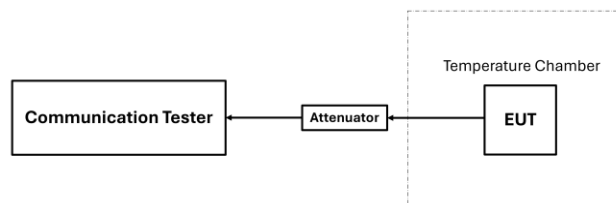


Figure 7-12. LTE Test Instrument & Measurement Setup

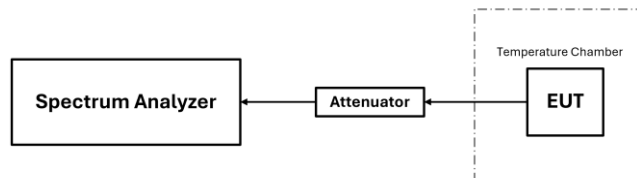


Figure 7-13. FR1 Test Instrument & Measurement Setup

Test Notes

- 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	2.3053132	-0.0003132
		- 20	2.3057785	-0.0007785
		- 10	2.3051807	-0.0001807
		0	2.3057707	-0.0007707
		+ 10	2.3050579	-0.0000579
		+ 20 (Ref)	2.3059080	-0.0009080
		+ 30	2.3057009	-0.0007009
		+ 40	2.3053104	-0.0003104
		+ 50	2.3050586	-0.0000586
Battery Endpoint	3.40	+ 20	2.3051913	-0.0001913

Table 7-147. 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	2.3147208	-0.0002792
		- 20	2.3146023	-0.0003977
		- 10	2.3146613	-0.0003387
		0	2.3147460	-0.0002540
		+ 10	2.3148974	-0.0001026
		+ 20 (Ref)	2.3147773	-0.0002227
		+ 30	2.3141136	-0.0008864
		+ 40	2.3144981	-0.0005019
		+ 50	2.3144000	-0.0006000
Battery Endpoint	3.40	+ 20	2.3142665	-0.0007335

Table 7-148. 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	2.5007857	-0.0007857
		- 20	2.5002186	-0.0002186
		- 10	2.5000225	-0.0000225
		0	2.5008604	-0.0008604
		+ 10	2.5005433	-0.0005433
		+ 20 (Ref)	2.5009127	-0.0009127
		+ 30	2.5000849	-0.0000849
		+ 40	2.5002719	-0.0002719
		+ 50	2.5002513	-0.0002513
Battery Endpoint	3.40	+ 20	2.5006975	-0.0006975

Table 7-149. 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	2.5691269	-0.0008731
		- 20	2.5691307	-0.0008693
		- 10	2.5697267	-0.0002733
		0	2.5694567	-0.0005433
		+ 10	2.5692959	-0.0007041
		+ 20 (Ref)	2.5695414	-0.0004586
		+ 30	2.5696372	-0.0003628
		+ 40	2.5695245	-0.0004755
		+ 50	2.5693668	-0.0006332
Battery Endpoint	3.40	+ 20	2.5694229	-0.0005771

Table 7-150. 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	2.4961130	-0.0001130
		- 20	2.4960677	-0.0000677
		- 10	2.4962634	-0.0002634
		0	2.4965018	-0.0005018
		+ 10	2.4965514	-0.0005514
		+ 20 (Ref)	2.4963795	-0.0003795
		+ 30	2.4964657	-0.0004657
		+ 40	2.4962200	-0.0002200
		+ 50	2.4969307	-0.0009307
Battery Endpoint	3.40	+ 20	2.4964918	-0.0004918

Table 7-151. 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	2.6898349	-0.0001651
		- 20	2.6899634	-0.0000366
		- 10	2.6899180	-0.0000820
		0	2.6890957	-0.0009043
		+ 10	2.6894619	-0.0005381
		+ 20 (Ref)	2.6896248	-0.0003752
		+ 30	2.6891550	-0.0008450
		+ 40	2.6890351	-0.0009649
		+ 50	2.6896765	-0.0003235
Battery Endpoint	3.40	+ 20	2.6897817	-0.0002183

Table 7-152. 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	2.3058786	-0.0008786
		- 20	2.3052008	-0.0002008
		- 10	2.3056951	-0.0006951
		0	2.3051796	-0.0001796
		+ 10	2.3058227	-0.0008227
		+ 20 (Ref)	2.3055918	-0.0005918
		+ 30	2.3058891	-0.0008891
		+ 40	2.3052919	-0.0002919
		+ 50	2.3053645	-0.0003645
Battery Endpoint	3.40	+ 20	2.3054458	-0.0004458

Table 7-153. 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	2.3147168	-0.0002832
		- 20	2.3146028	-0.0003972
		- 10	2.3144799	-0.0005201
		0	2.3140562	-0.0009438
		+ 10	2.3141386	-0.0008614
		+ 20 (Ref)	2.3148728	-0.0001272
		+ 30	2.3147691	-0.0002309
		+ 40	2.3143555	-0.0006445
		+ 50	2.3148798	-0.0001202
Battery Endpoint	3.40	+ 20	2.3148995	-0.0001005

Table 7-154. 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	2.5008421	-0.0008421
		- 20	2.5005656	-0.0005656
		- 10	2.5005782	-0.0005782
		0	2.5007636	-0.0007636
		+ 10	2.5000232	-0.0000232
		+ 20 (Ref)	2.5006485	-0.0006485
		+ 30	2.5003241	-0.0003241
		+ 40	2.5001547	-0.0001547
		+ 50	2.5005546	-0.0005546
Battery Endpoint	3.40	+ 20	2.5003845	-0.0003845

Table 7-155. 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	2.5698353	-0.0001647
		- 20	2.5693381	-0.0006619
		- 10	2.5691563	-0.0008437
		0	2.5698185	-0.0001815
		+ 10	2.5697408	-0.0002592
		+ 20 (Ref)	2.5691692	-0.0008308
		+ 30	2.5690092	-0.0009908
		+ 40	2.5691679	-0.0008321
		+ 50	2.5699691	-0.0000309
Battery Endpoint	3.40	+ 20	2.5694945	-0.0005055

Table 7-156. 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	2.4965297	-0.0005297
		- 20	2.4967270	-0.0007270
		- 10	2.4966471	-0.0006471
		0	2.4963206	-0.0003206
		+ 10	2.4967780	-0.0007780
		+ 20 (Ref)	2.4961630	-0.0001630
		+ 30	2.4967333	-0.0007333
		+ 40	2.4967528	-0.0007528
		+ 50	2.4965613	-0.0005613
Battery Endpoint	3.40	+ 20	2.4967578	-0.0007578

Table 7-157. 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	2.6897043	-0.0002957
		- 20	2.6898205	-0.0001795
		- 10	2.6899785	-0.0000215
		0	2.6898462	-0.0001538
		+ 10	2.6897767	-0.0002233
		+ 20 (Ref)	2.6893305	-0.0006695
		+ 30	2.6890607	-0.0009393
		+ 40	2.6898550	-0.0001450
		+ 50	2.6898280	-0.0001720
Battery Endpoint	3.40	+ 20	2.6893135	-0.0006865

Table 7-158. 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: BCGA3355** complies with all the requirements of Part 27 of the FCC rules.

FCC ID: BCGA3355	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2410210077-10-R1.BCG	Test Dates: 7/1/2024 - 12/28/2024	EUT Type: Tablet Device
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