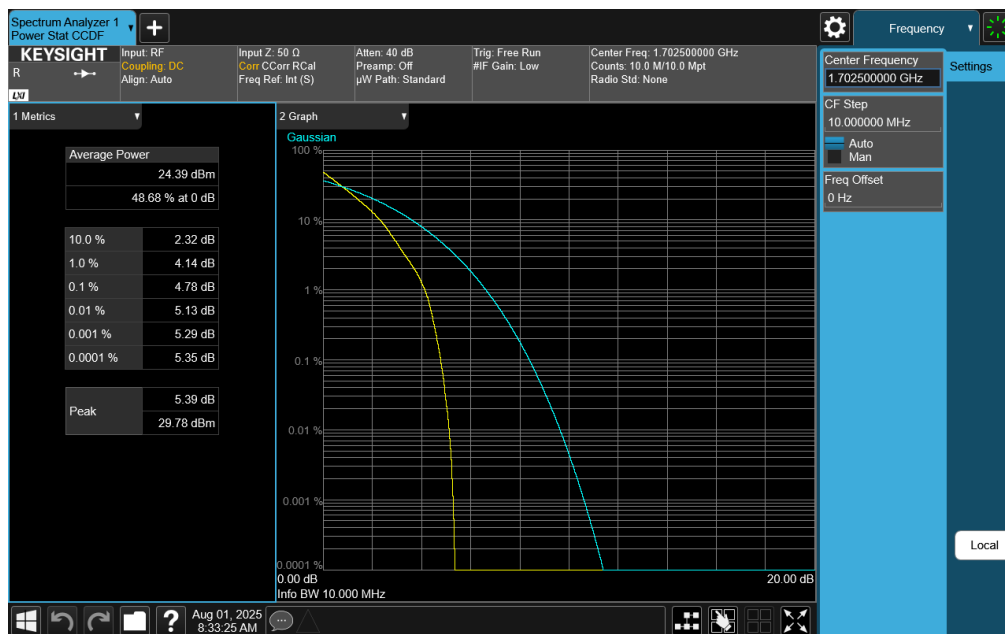
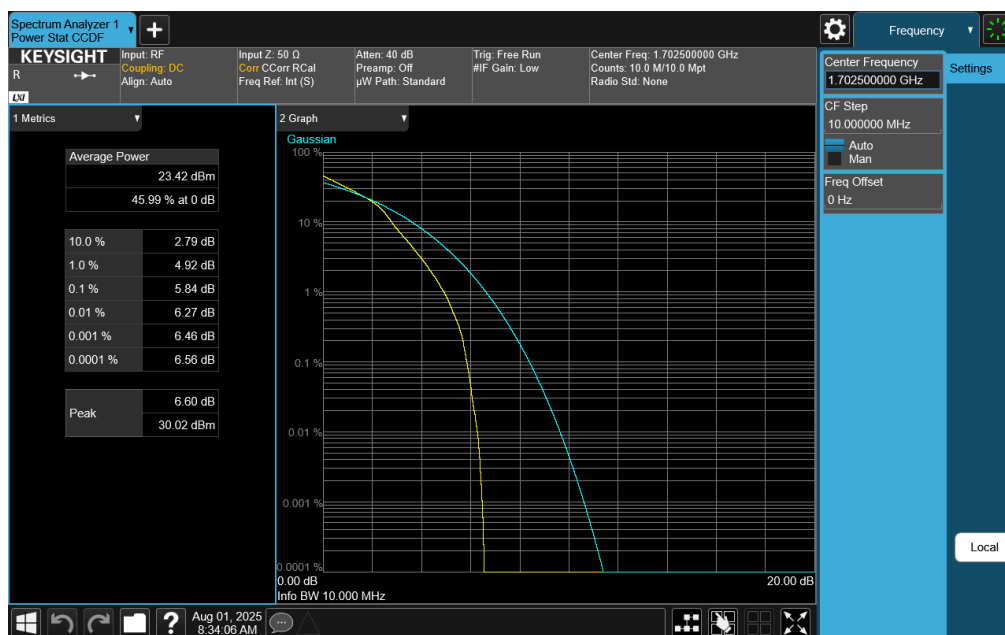




Plot 7-482. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM QPSK - Full RB)

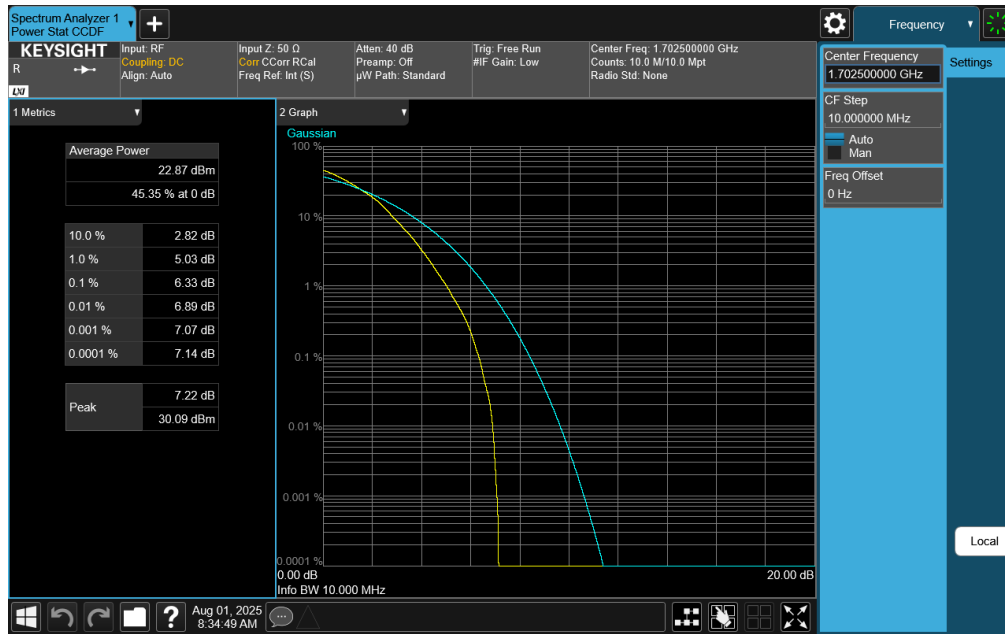


Plot 7-483. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 16-QAM - Full RB)

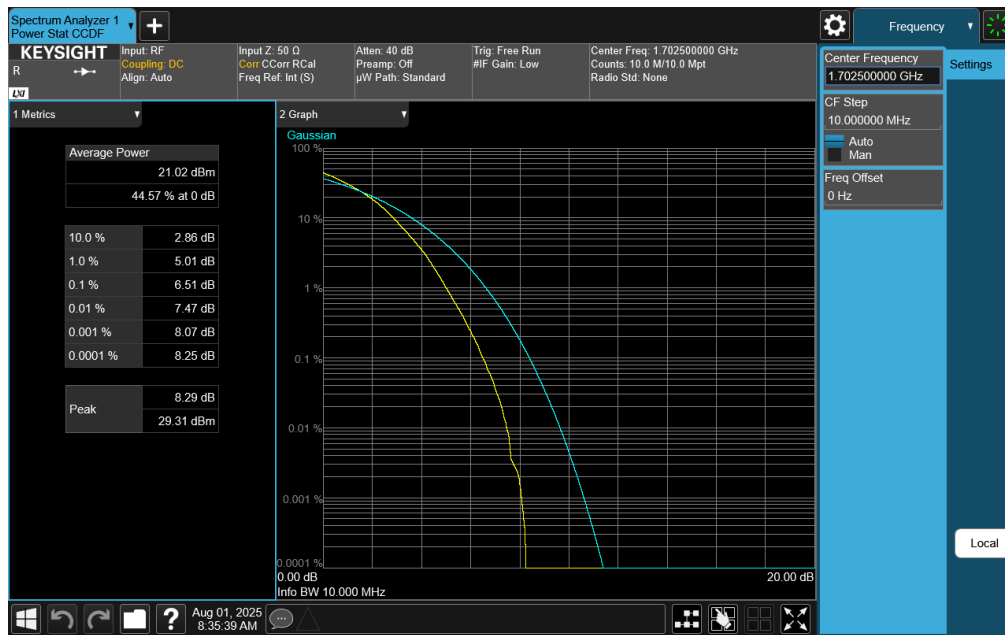
FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-484. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 64-QAM - Full RB)

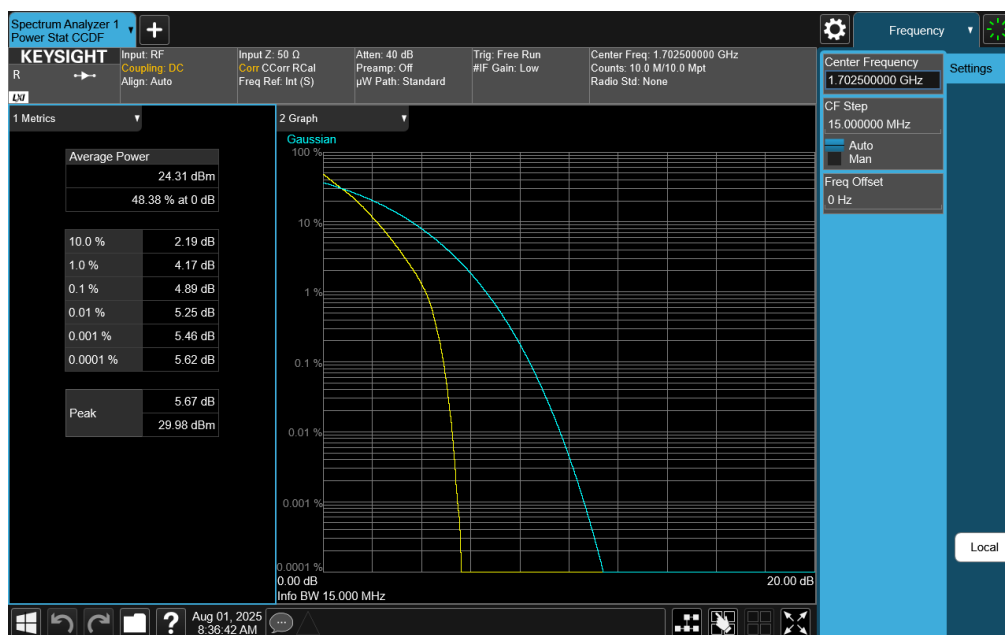
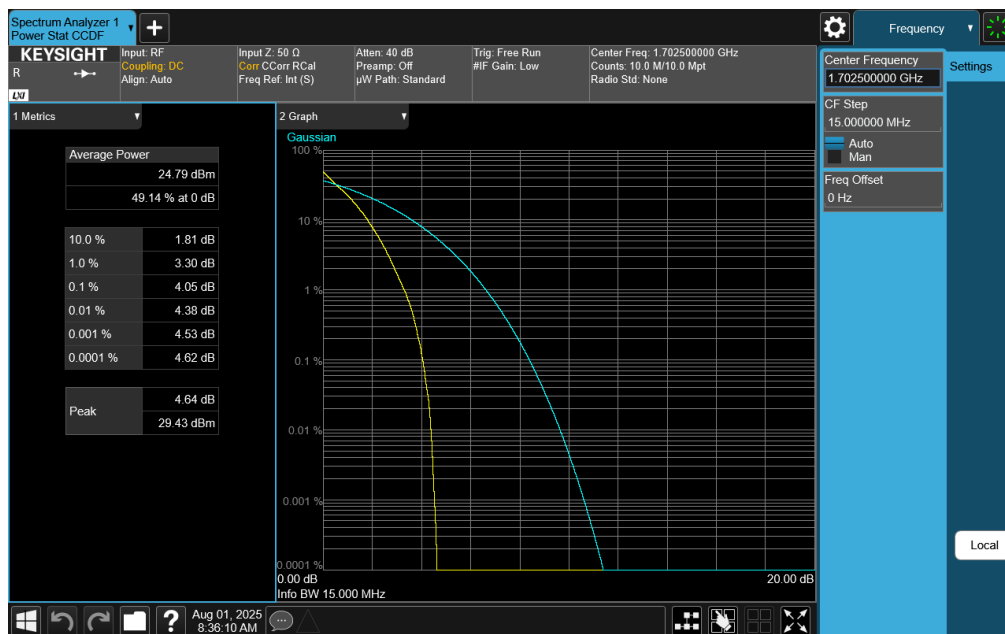


Plot 7-485. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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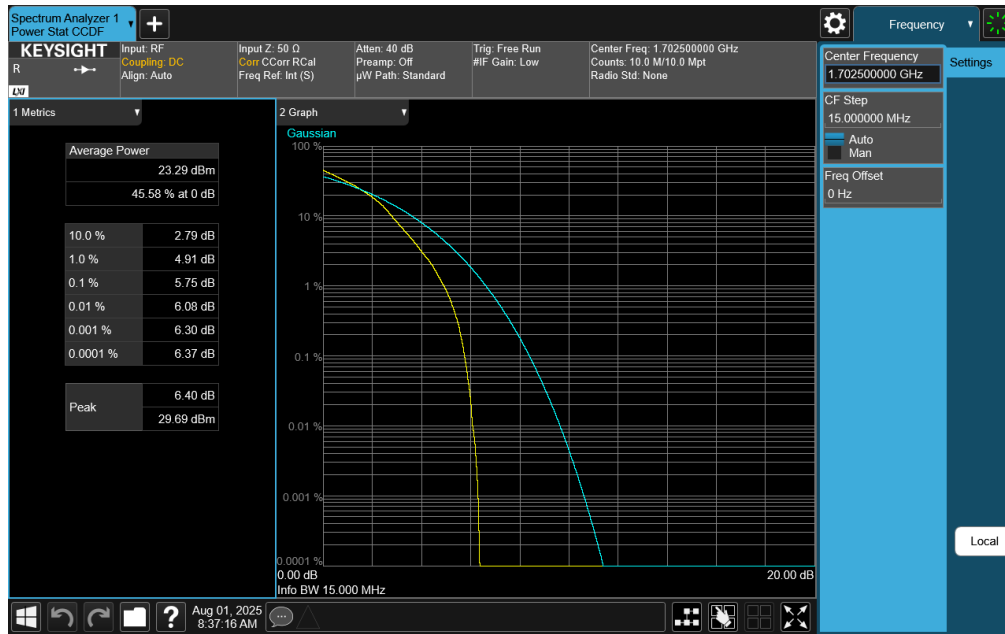
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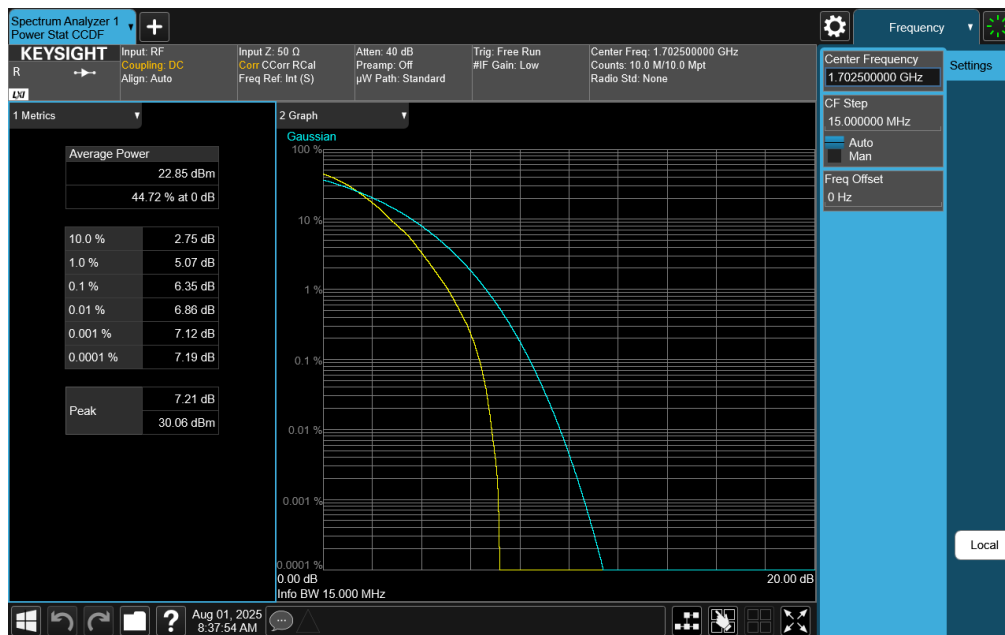
FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-488. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 16-QAM - Full RB)

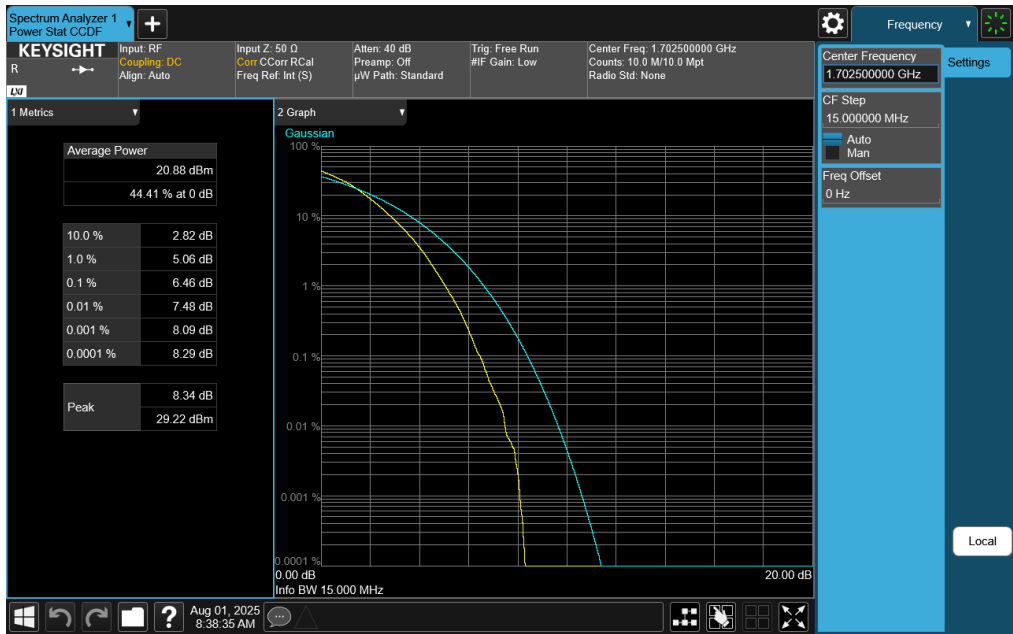


Plot 7-489. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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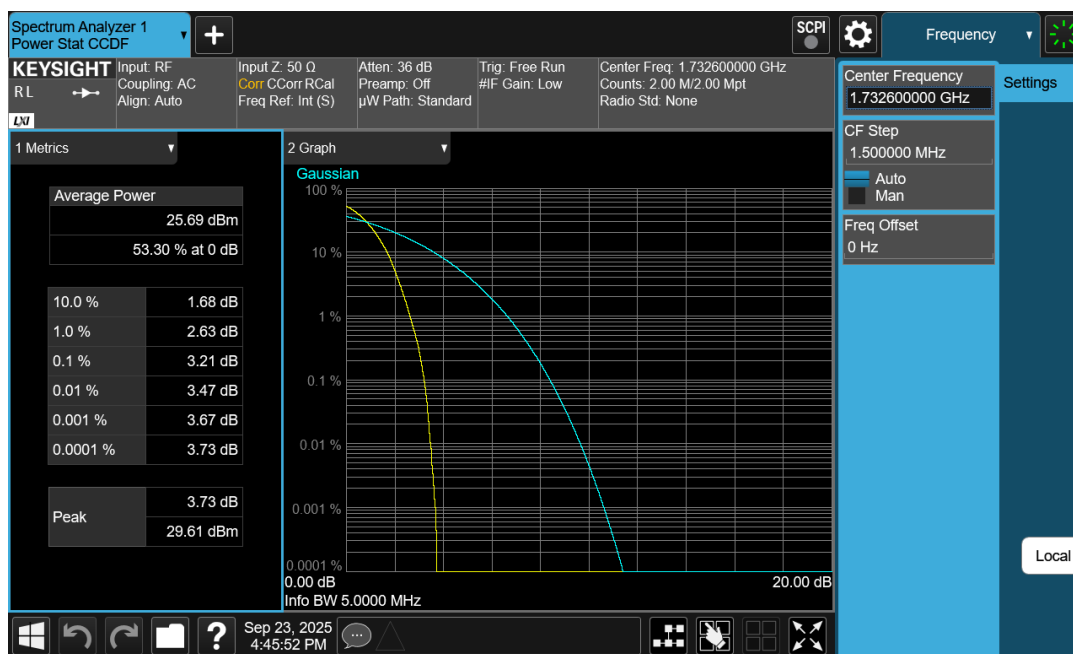
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Plot 7-490. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA3460	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6 Radiated Power (ERP/EIRP)

§27.50(b)(10), §27.50(c)(10), §27.50(d)(4)

Test Overview

Effective Radiated Power (ERP) and 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:

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

Where:

ERP/EIRP = Effective or Equivalent Isotropic Radiated Power, respectively (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 dBd (ERP) or dBi (EIRP)

Test Setup

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

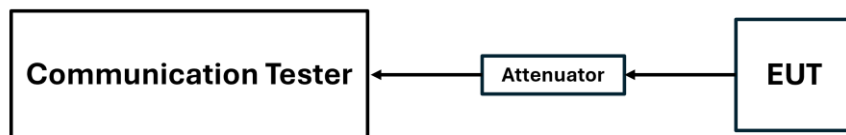


Figure 7-9. LTE ERP/EIRP Measurement Setup

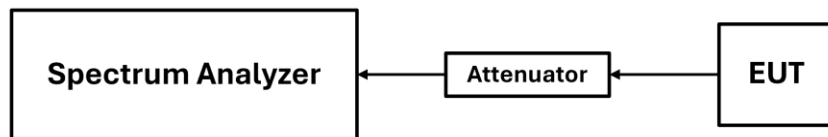


Figure 7-10. FR1 ERP/EIRP Measurement Setup

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Test Notes

1. The EUT was tested in all possible test configurations. The worst case emissions are reported with the EUT modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
2. This unit was tested with its standard battery.
3. The Level (dBm) readings in the table were taken with a correction table loaded into the base station simulator. The correction table was used to account for the signal attenuation in the connecting cable between the transmitter and antenna.
4. This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest power is reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1."
5. The Ant. Gains (GT) are listed in dBi.
6. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

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7.6.1 Antenna 4 – ERP/EIRP

LTE Band 66

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1710.7	1.50	1 / 3	24.80	26.30	0.427	30.00	-3.70
		1745.0	1.50	1 / 3	24.90	26.40	0.437	30.00	-3.60
		1779.3	1.50	1 / 3	25.16	26.66	0.463	30.00	-3.34
	16-QAM	1710.7	1.50	1 / 3	24.30	25.80	0.380	30.00	-4.20
	64-QAM	1779.3	1.50	1 / 3	23.26	24.76	0.299	30.00	-5.24
	256-QAM	1745.0	1.50	6 / 0	20.58	22.08	0.161	30.00	-7.92
3 MHz	QPSK	1711.5	1.50	1 / 7	24.95	26.45	0.442	30.00	-3.55
		1745.0	1.50	1 / 7	24.97	26.47	0.444	30.00	-3.53
		1778.5	1.50	1 / 7	24.95	26.45	0.442	30.00	-3.55
	16-QAM	1745.0	1.50	1 / 7	24.40	25.90	0.389	30.00	-4.10
	64-QAM	1711.5	1.50	1 / 7	23.20	24.70	0.295	30.00	-5.30
	256-QAM	1745.0	1.50	15 / 0	20.59	22.09	0.162	30.00	-7.91
5 MHz	QPSK	1712.5	1.50	1 / 0	25.09	26.59	0.456	30.00	-3.41
		1745.0	1.50	1 / 0	25.22	26.72	0.470	30.00	-3.28
		1777.5	1.50	1 / 24	25.00	26.50	0.447	30.00	-3.50
	16-QAM	1745.0	1.50	1 / 0	24.53	26.03	0.401	30.00	-3.97
	64-QAM	1745.0	1.50	1 / 0	23.43	24.93	0.311	30.00	-5.07
	256-QAM	1745.0	1.50	25 / 0	20.56	22.06	0.161	30.00	-7.94
10 MHz	QPSK	1715.0	1.50	1 / 0	24.93	26.43	0.440	30.00	-3.57
		1745.0	1.50	1 / 49	25.02	26.52	0.449	30.00	-3.48
		1775.0	1.50	1 / 0	24.99	26.49	0.446	30.00	-3.51
	16-QAM	1745.0	1.50	1 / 25	24.37	25.87	0.386	30.00	-4.13
	64-QAM	1745.0	1.50	1 / 25	23.20	24.70	0.295	30.00	-5.30
	256-QAM	1745.0	1.50	50 / 0	20.57	22.07	0.161	30.00	-7.93
15 MHz	QPSK	1717.5	1.50	1 / 37	25.00	26.50	0.447	30.00	-3.50
		1745.0	1.50	1 / 37	25.02	26.52	0.449	30.00	-3.48
		1772.5	1.50	1 / 37	24.95	26.45	0.442	30.00	-3.55
	16-QAM	1745.0	1.50	1 / 37	24.31	25.81	0.381	30.00	-4.19
	64-QAM	1717.5	1.50	1 / 74	23.33	24.83	0.304	30.00	-5.17
	256-QAM	1745.0	1.50	75 / 0	20.50	22.00	0.158	30.00	-8.00
20 MHz	QPSK	1720.0	1.50	1 / 50	24.95	26.45	0.442	30.00	-3.55
		1745.0	1.50	1 / 50	25.02	26.52	0.449	30.00	-3.48
		1770.0	1.50	1 / 50	24.77	26.27	0.424	30.00	-3.73
	16-QAM	1720.0	1.50	1 / 50	24.36	25.86	0.385	30.00	-4.14
	64-QAM	1720.0	1.50	1 / 50	23.31	24.81	0.303	30.00	-5.19
	256-QAM	1770.0	1.50	100 / 0	20.45	21.95	0.157	30.00	-8.05

Table 7-2. Antenna 4 EIRP Data (LTE Band 66)

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LTE Band 4

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1710.7	1.50	1 / 3	25.36	26.86	0.485	30.00	-3.14
		1732.5	1.50	1 / 3	25.18	26.68	0.466	30.00	-3.32
		1754.3	1.50	1 / 3	25.24	26.74	0.472	30.00	-3.26
	16-QAM	1732.5	1.50	1 / 3	24.51	26.01	0.399	30.00	-3.99
	64-QAM	1754.3	1.50	1 / 3	23.51	25.01	0.317	30.00	-4.99
	256-QAM	1732.5	1.50	6 / 0	20.82	22.32	0.171	30.00	-7.68
3 MHz	QPSK	1711.5	1.50	1 / 7	25.18	26.68	0.466	30.00	-3.32
		1732.5	1.50	1 / 7	25.20	26.70	0.468	30.00	-3.30
		1753.5	1.50	1 / 7	25.21	26.71	0.469	30.00	-3.29
	16-QAM	1753.5	1.50	1 / 7	24.67	26.17	0.414	30.00	-3.83
	64-QAM	1711.5	1.50	1 / 7	23.50	25.00	0.316	30.00	-5.00
	256-QAM	1732.5	1.50	15 / 0	20.86	22.36	0.172	30.00	-7.64
5 MHz	QPSK	1712.5	1.50	1 / 0	25.40	26.90	0.490	30.00	-3.10
		1732.5	1.50	1 / 24	25.45	26.95	0.495	30.00	-3.05
		1752.5	1.50	1 / 24	25.34	26.84	0.483	30.00	-3.16
	16-QAM	1732.5	1.50	1 / 24	24.79	26.29	0.426	30.00	-3.71
	64-QAM	1732.5	1.50	1 / 0	23.65	25.15	0.327	30.00	-4.85
	256-QAM	1732.5	1.50	25 / 0	20.80	22.30	0.170	30.00	-7.70
10 MHz	QPSK	1715.0	1.50	1 / 0	25.21	26.71	0.469	30.00	-3.29
		1732.5	1.50	1 / 49	25.31	26.81	0.480	30.00	-3.19
		1750.0	1.50	1 / 49	25.28	26.78	0.476	30.00	-3.22
	16-QAM	1750.0	1.50	1 / 49	24.75	26.25	0.422	30.00	-3.75
	64-QAM	1715.0	1.50	1 / 25	23.59	25.09	0.323	30.00	-4.91
	256-QAM	1732.5	1.50	50 / 0	20.84	22.34	0.171	30.00	-7.66
15 MHz	QPSK	1717.5	1.50	1 / 74	25.33	26.83	0.482	30.00	-3.17
		1732.5	1.50	1 / 37	25.31	26.81	0.480	30.00	-3.19
		1747.5	1.50	1 / 37	25.25	26.75	0.473	30.00	-3.25
	16-QAM	1732.5	1.50	1 / 0	24.67	26.17	0.414	30.00	-3.83
	64-QAM	1717.5	1.50	1 / 74	23.65	25.15	0.327	30.00	-4.85
	256-QAM	1732.5	1.50	75 / 0	20.77	22.27	0.169	30.00	-7.73
20 MHz	QPSK	1720.0	1.50	1 / 50	25.03	26.53	0.450	30.00	-3.47
		1732.5	1.50	1 / 50	25.37	26.87	0.486	30.00	-3.13
		1745.0	1.50	1 / 50	25.34	26.84	0.483	30.00	-3.16
	16-QAM	1732.5	1.50	1 / 50	24.62	26.12	0.409	30.00	-3.88
	64-QAM	1732.5	1.50	1 / 50	23.63	25.13	0.326	30.00	-4.87
	256-QAM	1732.5	1.50	100 / 0	20.76	22.26	0.168	30.00	-7.74

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

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 71

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	QPSK	665.5	-2.40	1 / 24	25.24	20.69	0.117	34.77	-14.08
		680.5	-2.40	1 / 12	25.34	20.79	0.120	34.77	-13.98
		695.5	-2.40	1 / 12	25.24	20.69	0.117	34.77	-14.08
	16-QAM	665.5	-2.40	1 / 24	24.63	20.08	0.102	34.77	-14.69
	64-QAM	695.5	-2.40	1 / 12	23.80	19.25	0.084	34.77	-15.52
	256-QAM	695.5	-2.40	25 / 0	20.77	16.22	0.042	34.77	-18.55
10 MHz	QPSK	668.0	-2.40	1 / 25	25.10	20.55	0.114	34.77	-14.22
		680.5	-2.40	1 / 49	25.20	20.65	0.116	34.77	-14.12
		693.0	-2.40	1 / 25	25.31	20.76	0.119	34.77	-14.01
	16-QAM	693.0	-2.40	1 / 0	24.60	20.05	0.101	34.77	-14.72
	64-QAM	680.5	-2.40	1 / 49	23.51	18.96	0.079	34.77	-15.81
	256-QAM	693.0	-2.40	50 / 0	20.86	16.31	0.043	34.77	-18.46
15 MHz	QPSK	670.5	-2.40	1 / 37	25.14	20.59	0.115	34.77	-14.18
		680.5	-2.40	1 / 37	25.11	20.56	0.114	34.77	-14.21
		690.5	-2.40	1 / 37	25.20	20.65	0.116	34.77	-14.12
	16-QAM	690.5	-2.40	1 / 37	24.55	20.00	0.100	34.77	-14.77
	64-QAM	670.5	-2.40	1 / 74	23.48	18.93	0.078	34.77	-15.84
	256-QAM	690.5	-2.40	75 / 0	20.74	16.19	0.042	34.77	-18.58
20 MHz	QPSK	673.0	-2.40	1 / 50	25.10	20.55	0.114	34.77	-14.22
		680.5	-2.40	1 / 50	25.02	20.47	0.111	34.77	-14.30
		688.0	-2.40	1 / 50	25.26	20.71	0.118	34.77	-14.06
	16-QAM	688.0	-2.40	1 / 50	24.55	20.00	0.100	34.77	-14.77
	64-QAM	688.0	-2.40	1 / 50	23.49	18.94	0.078	34.77	-15.83
	256-QAM	688.0	-2.40	100 / 0	20.69	16.14	0.041	34.77	-18.63

Table 7-4. Antenna 4 ERP Data (LTE Band 71)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 12

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	699.7	-1.40	1 / 3	25.18	21.63	0.146	34.77	-13.14
		707.5	-1.40	1 / 3	25.04	21.49	0.141	34.77	-13.28
		715.3	-1.40	1 / 3	25.24	21.69	0.148	34.77	-13.08
	16-QAM	715.3	-1.40	1 / 3	24.39	20.84	0.121	34.77	-13.93
	64-QAM	715.3	-1.40	1 / 3	23.36	19.81	0.096	34.77	-14.96
	256-QAM	715.3	-1.40	6 / 0	20.77	17.22	0.053	34.77	-17.55
3 MHz	QPSK	700.5	-1.40	1 / 7	25.05	21.50	0.141	34.77	-13.27
		707.5	-1.40	1 / 7	25.08	21.53	0.142	34.77	-13.24
		714.5	-1.40	1 / 7	25.12	21.57	0.144	34.77	-13.20
	16-QAM	700.5	-1.40	1 / 7	24.45	20.90	0.123	34.77	-13.87
	64-QAM	714.5	-1.40	1 / 7	23.29	19.74	0.094	34.77	-15.03
	256-QAM	707.5	-1.40	15 / 0	20.60	17.05	0.051	34.77	-17.72
5 MHz	QPSK	701.5	-1.40	1 / 24	25.19	21.64	0.146	34.77	-13.13
		707.5	-1.40	1 / 0	25.33	21.78	0.151	34.77	-12.99
		713.5	-1.40	1 / 24	25.34	21.79	0.151	34.77	-12.98
	16-QAM	707.5	-1.40	1 / 0	24.68	21.13	0.130	34.77	-13.64
	64-QAM	707.5	-1.40	1 / 0	23.66	20.11	0.103	34.77	-14.66
	256-QAM	707.5	-1.40	25 / 0	20.58	17.03	0.050	34.77	-17.74
10 MHz	QPSK	704.0	-1.40	1 / 25	25.16	21.61	0.145	34.77	-13.16
		707.5	-1.40	1 / 25	25.17	21.62	0.145	34.77	-13.15
		711.0	-1.40	1 / 25	25.15	21.60	0.145	34.77	-13.17
	16-QAM	707.5	-1.40	1 / 25	24.60	21.05	0.127	34.77	-13.72
	64-QAM	711.0	-1.40	1 / 0	23.47	19.92	0.098	34.77	-14.85
	256-QAM	711.0	-1.40	50 / 0	20.75	17.20	0.052	34.77	-17.57

Table 7-5. Antenna 4 ERP Data (LTE Band 12)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 283 of 360

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LTE Band 17

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	QPSK	706.5	-1.40	1 / 24	25.21	21.66	0.147	34.77	-13.11
		710.0	-1.40	1 / 24	25.29	21.74	0.149	34.77	-13.03
		713.5	-1.40	1 / 0	25.10	21.55	0.143	34.77	-13.22
	16-QAM	706.5	-1.40	1 / 0	24.63	21.08	0.128	34.77	-13.69
	64-QAM	713.5	-1.40	1 / 12	23.51	19.96	0.099	34.77	-14.81
	256-QAM	706.5	-1.40	25 / 0	20.56	17.01	0.050	34.77	-17.76
10 MHz	QPSK	709.0	-1.40	1 / 0	25.19	21.64	0.146	34.77	-13.13
		710.0	-1.40	1 / 25	25.06	21.51	0.142	34.77	-13.26
		711.0	-1.40	1 / 25	25.07	21.52	0.142	34.77	-13.25
	16-QAM	711.0	-1.40	1 / 49	24.45	20.90	0.123	34.77	-13.87
	64-QAM	711.0	-1.40	1 / 49	23.42	19.87	0.097	34.77	-14.90
	256-QAM	709.0	-1.40	50 / 0	20.65	17.10	0.051	34.77	-17.67

Table 7-6. Antenna 4 ERP Data (LTE Band 17)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 284 of 360

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LTE Band 13

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	QPSK	779.5	-0.90	1 / 12	25.31	22.26	0.168	34.77	-12.51
		782.0	-0.90	1 / 0	25.31	22.26	0.168	34.77	-12.51
		784.5	-0.90	1 / 24	25.07	22.02	0.159	34.77	-12.75
	16-QAM	779.5	-0.90	1 / 12	24.69	21.64	0.146	34.77	-13.13
	64-QAM	782.0	-0.90	1 / 0	23.56	20.51	0.112	34.77	-14.26
10 MHz	256-QAM	782.0	-0.90	25 / 0	20.63	17.58	0.057	34.77	-17.19
	QPSK	782.0	-0.90	1 / 49	25.17	22.12	0.163	34.77	-12.65
	16-QAM	782.0	-0.90	1 / 49	24.50	21.45	0.140	34.77	-13.32
	64-QAM	782.0	-0.90	1 / 49	23.55	20.50	0.112	34.77	-14.27
	256-QAM	782.0	-0.90	50 / 0	20.74	17.69	0.059	34.77	-17.08

Table 7-7. Antenna 4 ERP Data (LTE Band 13)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	1712.5	1.50	25 / 0	24.94	26.44	0.441	30.00	-3.56
		1745.0	1.50	25 / 0	25.04	26.54	0.451	30.00	-3.46
		1777.5	1.50	25 / 0	25.03	26.53	0.450	30.00	-3.47
	QPSK	1712.5	1.50	1 / 24	24.91	26.41	0.438	30.00	-3.59
		1745.0	1.50	1 / 12	25.04	26.54	0.451	30.00	-3.46
		1777.5	1.50	1 / 12	25.04	26.54	0.451	30.00	-3.46
	16-QAM	1745.0	1.50	1 / 1	23.81	25.31	0.340	30.00	-4.69
	64-QAM	1777.5	1.50	25 / 0	23.09	24.59	0.288	30.00	-5.41
	256-QAM	1777.5	1.50	25 / 0	21.09	22.59	0.182	30.00	-7.41
	10 MHz	π/2 BPSK	1715.0	1.50	50 / 0	25.08	26.58	0.455	30.00
1745.0			1.50	50 / 0	25.07	26.57	0.454	30.00	-3.43
1775.0			1.50	50 / 0	25.07	26.57	0.454	30.00	-3.43
QPSK		1715.0	1.50	1 / 25	25.03	26.53	0.450	30.00	-3.47
		1745.0	1.50	1 / 1	25.02	26.52	0.449	30.00	-3.48
		1775.0	1.50	1 / 25	25.02	26.52	0.449	30.00	-3.48
16-QAM		1715.0	1.50	1 / 1	23.90	25.40	0.347	30.00	-4.60
64-QAM		1715.0	1.50	50 / 0	23.08	24.58	0.287	30.00	-5.42
256-QAM		1745.0	1.50	50 / 0	21.13	22.63	0.183	30.00	-7.37
15 MHz		π/2 BPSK	1717.5	1.50	75 / 0	24.90	26.40	0.437	30.00
	1745.0		1.50	75 / 0	24.96	26.46	0.443	30.00	-3.54
	1772.5		1.50	75 / 0	24.96	26.46	0.443	30.00	-3.54
	QPSK	1717.5	1.50	1 / 77	24.92	26.42	0.439	30.00	-3.58
		1745.0	1.50	1 / 77	24.96	26.46	0.443	30.00	-3.54
		1772.5	1.50	1 / 77	24.96	26.46	0.443	30.00	-3.54
	16-QAM	1772.5	1.50	1 / 1	23.82	25.32	0.340	30.00	-4.68
	64-QAM	1745.0	1.50	75 / 0	23.03	24.53	0.284	30.00	-5.47
	256-QAM	1745.0	1.50	75 / 0	21.01	22.51	0.178	30.00	-7.49
	20 MHz	π/2 BPSK	1720.0	1.50	100 / 0	25.00	26.50	0.447	30.00
1745.0			1.50	100 / 0	24.98	26.48	0.445	30.00	-3.52
1770.0			1.50	100 / 0	24.90	26.40	0.437	30.00	-3.60
QPSK		1720.0	1.50	1 / 104	24.96	26.46	0.443	30.00	-3.54
		1745.0	1.50	1 / 104	25.04	26.54	0.451	30.00	-3.46
		1770.0	1.50	1 / 1	24.97	26.47	0.444	30.00	-3.53
16-QAM		1745.0	1.50	1 / 104	23.84	25.34	0.342	30.00	-4.66
64-QAM		1720.0	1.50	100 / 0	23.09	24.59	0.288	30.00	-5.41
256-QAM		1720.0	1.50	100 / 0	21.07	22.57	0.181	30.00	-7.43
25 MHz		π/2 BPSK	1722.5	1.50	128 / 0	25.03	26.53	0.450	30.00
	1745.0		1.50	128 / 0	25.08	26.58	0.455	30.00	-3.42
	1767.5		1.50	128 / 0	24.97	26.47	0.444	30.00	-3.53
	QPSK	1722.5	1.50	1 / 64	25.01	26.51	0.448	30.00	-3.49
		1745.0	1.50	1 / 64	24.90	26.40	0.437	30.00	-3.60
		1767.5	1.50	1 / 64	24.93	26.43	0.440	30.00	-3.57
	16-QAM	1722.5	1.50	1 / 64	23.85	25.35	0.343	30.00	-4.65
	64-QAM	1722.5	1.50	128 / 0	23.15	24.65	0.292	30.00	-5.35
	256-QAM	1722.5	1.50	128 / 0	21.12	22.62	0.183	30.00	-7.38
	30 MHz	π/2 BPSK	1725.0	1.50	160 / 0	24.97	26.47	0.444	30.00
1745.0			1.50	1 / 158	25.01	26.51	0.448	30.00	-3.49
1765.0			1.50	160 / 0	25.05	26.55	0.452	30.00	-3.45
QPSK		1725.0	1.50	1 / 1	25.02	26.52	0.449	30.00	-3.48
		1745.0	1.50	1 / 80	24.99	26.49	0.446	30.00	-3.51
		1765.0	1.50	1 / 80	25.17	26.67	0.465	30.00	-3.33
16-QAM		1745.0	1.50	1 / 80	23.90	25.40	0.347	30.00	-4.60
64-QAM		1765.0	1.50	160 / 0	23.07	24.57	0.286	30.00	-5.43
256-QAM		1765.0	1.50	160 / 0	21.04	22.54	0.179	30.00	-7.46
35 MHz		π/2 BPSK	1727.5	1.50	1 / 90	24.98	26.48	0.445	30.00
	1745.0		1.50	180 / 0	25.00	26.50	0.447	30.00	-3.50
	1762.5		1.50	180 / 0	25.04	26.54	0.451	30.00	-3.46
	QPSK	1725.0	1.50	1 / 1	24.84	26.34	0.431	30.00	-3.66
		1745.0	1.50	1 / 1	24.77	26.27	0.424	30.00	-3.73
		1765.0	1.50	1 / 1	24.89	26.39	0.436	30.00	-3.61
	16-QAM	1725.0	1.50	1 / 1	23.79	25.29	0.338	30.00	-4.71
	64-QAM	1765.0	1.50	180 / 0	23.04	24.54	0.284	30.00	-5.46
	256-QAM	1765.0	1.50	180 / 0	21.04	22.54	0.179	30.00	-7.46
	40 MHz	π/2 BPSK	1730.0	1.50	1 / 1	24.97	26.47	0.444	30.00
1745.0			1.50	216 / 0	25.01	26.51	0.448	30.00	-3.49
1760.0			1.50	1 / 214	25.13	26.63	0.460	30.00	-3.37
QPSK		1730.0	1.50	1 / 1	25.01	26.51	0.448	30.00	-3.49
		1745.0	1.50	1 / 214	25.21	26.71	0.469	30.00	-3.29
		1760.0	1.50	1 / 108	25.08	26.58	0.455	30.00	-3.42
16-QAM		1760.0	1.50	1 / 1	23.88	25.38	0.345	30.00	-4.62
64-QAM		1745.0	1.50	216 / 0	23.04	24.54	0.284	30.00	-5.46
256-QAM		1745.0	1.50	216 / 0	21.07	22.57	0.181	30.00	-7.43
45 MHz		π/2 BPSK	1732.5	1.50	1 / 240	25.09	26.59	0.456	30.00
	1745.0		1.50	240 / 0	25.04	26.54	0.451	30.00	-3.46
	1757.5		1.50	1 / 240	25.04	26.54	0.451	30.00	-3.46
	QPSK	1732.5	1.50	1 / 240	24.97	26.47	0.444	30.00	-3.53
		1745.0	1.50	1 / 120	25.04	26.54	0.451	30.00	-3.46
		1757.5	1.50	1 / 120	25.07	26.57	0.454	30.00	-3.43
	16-QAM	1732.5	1.50	1 / 120	23.92	25.42	0.348	30.00	-4.58
	64-QAM	1745.0	1.50	240 / 0	23.01	24.51	0.282	30.00	-5.49
	256-QAM	1757.5	1.50	240 / 0	21.07	22.57	0.181	30.00	-7.43

Table 7-8. Antenna 4 EIRP Data (NR Band n66)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 286 of 360

NR Band n70

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	1697.5	0.60	25 / 0	25.26	25.86	0.385	30.00	-4.14
		1702.5	0.60	25 / 0	25.32	25.92	0.391	30.00	-4.08
		1707.5	0.60	25 / 0	25.22	25.82	0.382	30.00	-4.18
	QPSK	1697.5	0.60	1 / 24	25.30	25.90	0.389	30.00	-4.10
		1702.5	0.60	1 / 24	25.27	25.87	0.386	30.00	-4.13
		1707.5	0.60	1 / 12	25.30	25.90	0.389	30.00	-4.10
	16-QAM	1697.5	0.60	1 / 1	24.17	24.77	0.300	30.00	-5.23
	64-QAM	1702.5	0.60	25 / 0	23.34	23.94	0.248	30.00	-6.06
	256-QAM	1702.5	0.60	25 / 0	21.38	21.98	0.158	30.00	-8.02
10 MHz	$\pi/2$ BPSK	1700.0	0.60	50 / 0	25.27	25.87	0.386	30.00	-4.13
		1702.5	0.60	50 / 0	25.35	25.95	0.394	30.00	-4.05
		1705.0	0.60	1 / 50	25.42	26.02	0.400	30.00	-3.98
	QPSK	1700.0	0.60	1 / 1	25.26	25.86	0.385	30.00	-4.14
		1702.5	0.60	1 / 25	25.30	25.90	0.389	30.00	-4.10
		1705.0	0.60	1 / 50	25.32	25.92	0.391	30.00	-4.08
	16-QAM	1702.5	0.60	1 / 25	24.29	24.89	0.308	30.00	-5.11
	64-QAM	1702.5	0.60	50 / 0	23.46	24.06	0.255	30.00	-5.94
15 MHz	256-QAM	1702.5	0.60	50 / 0	21.52	22.12	0.163	30.00	-7.88
	$\pi/2$ BPSK	1702.5	0.60	75 / 0	25.37	25.97	0.395	30.00	-4.03
	QPSK	1702.5	0.60	1 / 36	25.35	25.95	0.394	30.00	-4.05
	16-QAM	1702.5	0.60	1 / 1	24.46	25.06	0.321	30.00	-4.94
	64-QAM	1702.5	0.60	75 / 0	23.78	24.38	0.274	30.00	-5.62
	256-QAM	1702.5	0.60	75 / 0	21.73	22.33	0.171	30.00	-7.67

Table 7-9. Antenna 4 EIRP Data (NR Band n70)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 287 of 360

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NR Band n71

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	665.5	-2.40	25 / 0	25.25	20.70	0.117	34.77	-14.07
		680.5	-2.40	25 / 0	25.24	20.69	0.117	34.77	-14.08
		695.5	-2.40	1 / 1	25.33	20.78	0.120	34.77	-13.99
	QPSK	665.5	-2.40	1 / 24	25.14	20.59	0.115	34.77	-14.18
		680.5	-2.40	1 / 12	25.16	20.61	0.115	34.77	-14.16
		695.5	-2.40	1 / 12	25.26	20.71	0.118	34.77	-14.06
	16-QAM	695.5	-2.40	1 / 1	24.16	19.61	0.091	34.77	-15.16
	64-QAM	695.5	-2.40	25 / 0	23.41	18.86	0.077	34.77	-15.91
	256-QAM	680.5	-2.40	25 / 0	21.29	16.74	0.047	34.77	-18.03
10 MHz	$\pi/2$ BPSK	668.0	-2.40	50 / 0	25.25	20.70	0.117	34.77	-14.07
		680.5	-2.40	1 / 50	25.36	20.81	0.121	34.77	-13.96
		693.0	-2.40	50 / 0	25.33	20.78	0.120	34.77	-13.99
	QPSK	668.0	-2.40	1 / 50	25.29	20.74	0.119	34.77	-14.03
		680.5	-2.40	1 / 50	25.38	20.83	0.121	34.77	-13.94
		693.0	-2.40	1 / 50	25.18	20.63	0.116	34.77	-14.14
	16-QAM	693.0	-2.40	1 / 50	24.19	19.64	0.092	34.77	-15.13
	64-QAM	668.0	-2.40	50 / 0	23.34	18.79	0.076	34.77	-15.98
	256-QAM	693.0	-2.40	50 / 0	21.39	16.84	0.048	34.77	-17.93
15 MHz	$\pi/2$ BPSK	670.5	-2.40	75 / 0	25.23	20.68	0.117	34.77	-14.09
		680.5	-2.40	75 / 0	25.25	20.70	0.117	34.77	-14.07
		690.5	-2.40	1 / 1	25.35	20.80	0.120	34.77	-13.97
	QPSK	670.5	-2.40	1 / 36	25.18	20.63	0.116	34.77	-14.14
		680.5	-2.40	1 / 77	25.21	20.66	0.116	34.77	-14.11
		690.5	-2.40	1 / 36	25.14	20.59	0.115	34.77	-14.18
	16-QAM	680.5	-2.40	1 / 77	24.06	19.51	0.089	34.77	-15.26
	64-QAM	690.5	-2.40	75 / 0	23.22	18.67	0.074	34.77	-16.10
	256-QAM	670.5	-2.40	75 / 0	21.25	16.70	0.047	34.77	-18.07
20 MHz	$\pi/2$ BPSK	673.0	-2.40	100 / 0	25.31	20.76	0.119	34.77	-14.01
		680.5	-2.40	100 / 0	25.20	20.65	0.116	34.77	-14.12
		688.0	-2.40	100 / 0	25.28	20.73	0.118	34.77	-14.04
	QPSK	673.0	-2.40	1 / 104	25.32	20.77	0.119	34.77	-14.00
		680.5	-2.40	1 / 1	25.14	20.59	0.115	34.77	-14.18
		688.0	-2.40	1 / 50	25.24	20.69	0.117	34.77	-14.08
	16-QAM	688.0	-2.40	1 / 50	24.08	19.53	0.090	34.77	-15.24
	64-QAM	673.0	-2.40	100 / 0	23.30	18.75	0.075	34.77	-16.02
	256-QAM	688.0	-2.40	100 / 0	21.34	16.79	0.048	34.77	-17.98

Table 7-10. Antenna 4 ERP Data (NR Band n71)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n12

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	701.5	-1.40	25 / 0	25.15	21.60	0.145	34.77	-13.17
		707.5	-1.40	25 / 0	25.28	21.73	0.149	34.77	-13.04
		713.5	-1.40	1 / 1	25.41	21.86	0.153	34.77	-12.91
	QPSK	701.5	-1.40	1 / 24	25.22	21.67	0.147	34.77	-13.10
		707.5	-1.40	1 / 24	25.32	21.77	0.150	34.77	-13.00
		713.5	-1.40	1 / 12	25.22	21.67	0.147	34.77	-13.10
	16-QAM	713.5	-1.40	1 / 12	24.37	20.82	0.121	34.77	-13.95
	64-QAM	713.5	-1.40	25 / 0	23.41	19.86	0.097	34.77	-14.91
	256-QAM	713.5	-1.40	25 / 0	21.38	17.83	0.061	34.77	-16.94
10 MHz	$\pi/2$ BPSK	704.0	-1.40	50 / 0	25.31	21.76	0.150	34.77	-13.01
		707.5	-1.40	50 / 0	25.30	21.75	0.150	34.77	-13.02
		711.0	-1.40	50 / 0	25.33	21.78	0.151	34.77	-12.99
	QPSK	704.0	-1.40	1 / 25	25.35	21.80	0.151	34.77	-12.97
		707.5	-1.40	1 / 50	25.34	21.79	0.151	34.77	-12.98
		711.0	-1.40	1 / 1	25.26	21.71	0.148	34.77	-13.06
	16-QAM	707.5	-1.40	1 / 50	24.33	20.78	0.120	34.77	-13.99
	64-QAM	707.5	-1.40	50 / 0	23.31	19.76	0.095	34.77	-15.01
	256-QAM	704.0	-1.40	50 / 0	21.40	17.85	0.061	34.77	-16.92
15 MHz	$\pi/2$ BPSK	706.5	-1.40	75 / 0	25.18	21.63	0.146	34.77	-13.14
		707.5	-1.40	75 / 0	25.19	21.64	0.146	34.77	-13.13
		708.5	-1.40	75 / 0	25.25	21.70	0.148	34.77	-13.07
	QPSK	706.5	-1.40	1 / 77	25.25	21.70	0.148	34.77	-13.07
		707.5	-1.40	1 / 77	25.40	21.85	0.153	34.77	-12.92
		708.5	-1.40	1 / 77	25.19	21.64	0.146	34.77	-13.13
	16-QAM	706.5	-1.40	1 / 77	24.13	20.58	0.114	34.77	-14.19
	64-QAM	708.5	-1.40	75 / 0	23.33	19.78	0.095	34.77	-14.99
	256-QAM	706.5	-1.40	75 / 0	21.23	17.68	0.059	34.77	-17.09

Table 7-11. Antenna 4 ERP Data (NR Band n12)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 289 of 360

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WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	25.48	1.50	26.98	0.499	30.00	-3.02
1732.60	WCDMA1700	25.51	1.50	27.01	0.502	30.00	-2.99
1752.60	WCDMA1700	25.50	1.50	27.00	0.501	30.00	-3.00

Table 7-12. Antenna 4 EIRP Data (WCDMA AWS)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 290 of 360

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7.6.2 Antenna 2b – EIRP

LTE Band 66

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1710.7	-1.10	1 / 3	24.92	23.82	0.241	30.00	-6.18
		1745.0	-1.10	1 / 3	24.90	23.80	0.240	30.00	-6.20
		1779.3	-1.10	1 / 3	25.21	24.11	0.258	30.00	-5.89
	16-QAM	1779.3	-1.10	1 / 3	24.29	23.19	0.208	30.00	-6.81
	64-QAM	1779.3	-1.10	1 / 3	23.23	22.13	0.163	30.00	-7.87
	256-QAM	1779.3	-1.10	6 / 0	20.63	19.53	0.090	30.00	-10.47
3 MHz	QPSK	1711.5	-1.10	1 / 7	24.95	23.85	0.243	30.00	-6.15
		1745.0	-1.10	1 / 7	24.98	23.88	0.244	30.00	-6.12
		1778.5	-1.10	1 / 7	24.98	23.88	0.244	30.00	-6.12
	16-QAM	1778.5	-1.10	1 / 7	24.33	23.23	0.210	30.00	-6.77
	64-QAM	1711.5	-1.10	1 / 7	23.19	22.09	0.162	30.00	-7.91
	256-QAM	1778.5	-1.10	15 / 0	20.61	19.51	0.089	30.00	-10.49
5 MHz	QPSK	1712.5	-1.10	1 / 0	25.10	24.00	0.251	30.00	-6.00
		1745.0	-1.10	1 / 0	25.20	24.10	0.257	30.00	-5.90
		1777.5	-1.10	1 / 0	25.03	23.93	0.247	30.00	-6.07
	16-QAM	1777.5	-1.10	1 / 24	24.50	23.40	0.219	30.00	-6.60
	64-QAM	1745.0	-1.10	1 / 12	23.54	22.44	0.175	30.00	-7.56
	256-QAM	1777.5	-1.10	25 / 0	20.61	19.51	0.089	30.00	-10.49
10 MHz	QPSK	1715.0	-1.10	1 / 25	24.90	23.80	0.240	30.00	-6.20
		1745.0	-1.10	1 / 25	25.03	23.93	0.247	30.00	-6.07
		1775.0	-1.10	1 / 25	25.00	23.90	0.245	30.00	-6.10
	16-QAM	1775.0	-1.10	1 / 25	24.48	23.38	0.218	30.00	-6.62
	64-QAM	1745.0	-1.10	1 / 0	23.37	22.27	0.169	30.00	-7.73
	256-QAM	1775.0	-1.10	50 / 0	20.59	19.49	0.089	30.00	-10.51
15 MHz	QPSK	1717.5	-1.10	1 / 74	25.00	23.90	0.245	30.00	-6.10
		1745.0	-1.10	1 / 37	25.00	23.90	0.245	30.00	-6.10
		1772.5	-1.10	1 / 37	25.02	23.92	0.247	30.00	-6.08
	16-QAM	1772.5	-1.10	1 / 37	24.39	23.29	0.213	30.00	-6.71
	64-QAM	1745.0	-1.10	1 / 0	23.40	22.30	0.170	30.00	-7.70
	256-QAM	1772.5	-1.10	75 / 0	20.54	19.44	0.088	30.00	-10.56
20 MHz	QPSK	1720.0	-1.10	1 / 50	24.75	23.65	0.232	30.00	-6.35
		1745.0	-1.10	1 / 50	25.08	23.98	0.250	30.00	-6.02
		1770.0	-1.10	1 / 50	24.98	23.88	0.244	30.00	-6.12
	16-QAM	1745.0	-1.10	1 / 50	24.40	23.30	0.214	30.00	-6.70
	64-QAM	1745.0	-1.10	1 / 50	23.36	22.26	0.168	30.00	-7.74
	256-QAM	1770.0	-1.10	100 / 0	20.46	19.36	0.086	30.00	-10.64

Table 7-13. Antenna 2b EIRP Data (LTE Band 66)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 291 of 360

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LTE Band 4

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1710.7	-1.10	1 / 3	25.02	23.92	0.247	30.00	-6.08
		1732.5	-1.10	1 / 3	25.05	23.95	0.248	30.00	-6.05
		1754.3	-1.10	1 / 3	25.23	24.13	0.259	30.00	-5.87
	16-QAM	1710.7	-1.10	1 / 3	24.38	23.28	0.213	30.00	-6.72
	64-QAM	1732.5	-1.10	1 / 3	23.39	22.29	0.169	30.00	-7.71
	256-QAM	1754.3	-1.10	6 / 0	20.67	19.57	0.091	30.00	-10.43
3 MHz	QPSK	1711.5	-1.10	1 / 7	25.00	23.90	0.245	30.00	-6.10
		1732.5	-1.10	1 / 7	25.12	24.02	0.252	30.00	-5.98
		1753.5	-1.10	1 / 7	25.03	23.93	0.247	30.00	-6.07
	16-QAM	1753.5	-1.10	1 / 7	24.41	23.31	0.214	30.00	-6.69
	64-QAM	1711.5	-1.10	1 / 7	23.53	22.43	0.175	30.00	-7.57
	256-QAM	1732.5	-1.10	15 / 0	20.69	19.59	0.091	30.00	-10.41
5 MHz	QPSK	1712.5	-1.10	1 / 0	25.12	24.02	0.252	30.00	-5.98
		1732.5	-1.10	1 / 24	25.24	24.14	0.259	30.00	-5.86
		1752.5	-1.10	1 / 24	25.10	24.00	0.251	30.00	-6.00
	16-QAM	1712.5	-1.10	1 / 24	24.60	23.50	0.224	30.00	-6.50
	64-QAM	1752.5	-1.10	1 / 24	23.46	22.36	0.172	30.00	-7.64
	256-QAM	1752.5	-1.10	25 / 0	20.65	19.55	0.090	30.00	-10.45
10 MHz	QPSK	1715.0	-1.10	1 / 0	25.06	23.96	0.249	30.00	-6.04
		1732.5	-1.10	1 / 25	25.16	24.06	0.255	30.00	-5.94
		1750.0	-1.10	1 / 25	25.08	23.98	0.250	30.00	-6.02
	16-QAM	1732.5	-1.10	1 / 0	24.54	23.44	0.221	30.00	-6.56
	64-QAM	1750.0	-1.10	1 / 49	23.41	22.31	0.170	30.00	-7.69
	256-QAM	1732.5	-1.10	50 / 0	20.67	19.57	0.091	30.00	-10.43
15 MHz	QPSK	1717.5	-1.10	1 / 37	25.12	24.02	0.252	30.00	-5.98
		1732.5	-1.10	1 / 37	25.12	24.02	0.252	30.00	-5.98
		1747.5	-1.10	1 / 37	25.07	23.97	0.249	30.00	-6.03
	16-QAM	1732.5	-1.10	1 / 74	24.59	23.49	0.223	30.00	-6.51
	64-QAM	1717.5	-1.10	1 / 74	23.40	22.30	0.170	30.00	-7.70
	256-QAM	1747.5	-1.10	75 / 0	20.59	19.49	0.089	30.00	-10.51
20 MHz	QPSK	1720.0	-1.10	1 / 50	24.80	23.70	0.234	30.00	-6.30
		1732.5	-1.10	1 / 50	25.21	24.11	0.258	30.00	-5.89
		1745.0	-1.10	1 / 50	25.16	24.06	0.255	30.00	-5.94
	16-QAM	1732.5	-1.10	1 / 99	24.42	23.32	0.215	30.00	-6.68
	64-QAM	1732.5	-1.10	1 / 99	23.46	22.36	0.172	30.00	-7.64
	256-QAM	1745.0	-1.10	100 / 0	20.61	19.51	0.089	30.00	-10.49

Table 7-14. Antenna 2b EIRP Data (LTE Band 4)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 292 of 360

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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	1712.5	-1.10	25 / 0	25.02	23.92	0.247	30.00	-6.08
		1745.0	-1.10	25 / 0	25.05	23.95	0.248	30.00	-6.05
		1777.5	-1.10	25 / 0	25.09	23.99	0.251	30.00	-6.01
	QPSK	1712.5	-1.10	1 / 1	24.97	23.87	0.244	30.00	-6.13
		1745.0	-1.10	1 / 1	25.02	23.92	0.247	30.00	-6.08
		1777.5	-1.10	1 / 1	25.07	23.97	0.249	30.00	-6.03
	16-QAM	1777.5	-1.10	1 / 1	23.96	22.86	0.193	30.00	-7.14
	64-QAM	1777.5	-1.10	25 / 0	23.22	22.12	0.163	30.00	-7.88
	256-QAM	1777.5	-1.10	25 / 0	21.22	20.12	0.103	30.00	-9.88
10 MHz	π/2 BPSK	1715.0	-1.10	50 / 0	25.08	23.98	0.250	30.00	-6.02
		1745.0	-1.10	50 / 0	25.15	24.05	0.254	30.00	-5.95
		1775.0	-1.10	50 / 0	25.21	24.11	0.258	30.00	-5.89
	QPSK	1715.0	-1.10	1 / 50	25.07	23.97	0.249	30.00	-6.03
		1745.0	-1.10	1 / 50	25.00	23.90	0.245	30.00	-6.10
		1775.0	-1.10	1 / 50	25.08	23.98	0.250	30.00	-6.02
	16-QAM	1775.0	-1.10	1 / 50	23.96	22.86	0.193	30.00	-7.14
	64-QAM	1775.0	-1.10	50 / 0	23.23	22.13	0.163	30.00	-7.87
	256-QAM	1775.0	-1.10	50 / 0	21.30	20.20	0.105	30.00	-9.80
15 MHz	π/2 BPSK	1717.5	-1.10	75 / 0	25.01	23.91	0.246	30.00	-6.09
		1745.0	-1.10	75 / 0	25.07	23.97	0.249	30.00	-6.03
		1772.5	-1.10	75 / 0	25.09	23.99	0.251	30.00	-6.01
	QPSK	1717.5	-1.10	1 / 1	24.97	23.87	0.244	30.00	-6.13
		1745.0	-1.10	1 / 77	25.02	23.92	0.247	30.00	-6.08
		1772.5	-1.10	1 / 1	25.11	24.01	0.252	30.00	-5.99
	16-QAM	1772.5	-1.10	1 / 36	23.91	22.81	0.191	30.00	-7.19
	64-QAM	1772.5	-1.10	75 / 0	23.21	22.11	0.163	30.00	-7.89
	256-QAM	1772.5	-1.10	75 / 0	21.17	20.07	0.102	30.00	-9.93
20 MHz	π/2 BPSK	1720.0	-1.10	100 / 0	25.09	23.99	0.251	30.00	-6.01
		1745.0	-1.10	1 / 1	25.09	23.99	0.251	30.00	-6.01
		1770.0	-1.10	100 / 0	25.08	23.98	0.250	30.00	-6.02
	QPSK	1720.0	-1.10	1 / 104	24.98	23.88	0.244	30.00	-6.12
		1745.0	-1.10	1 / 1	25.03	23.93	0.247	30.00	-6.07
		1770.0	-1.10	1 / 104	25.14	24.04	0.254	30.00	-5.96
	16-QAM	1745.0	-1.10	1 / 104	23.90	22.80	0.191	30.00	-7.20
	64-QAM	1720.0	-1.10	100 / 0	23.14	22.04	0.160	30.00	-7.96
	256-QAM	1770.0	-1.10	100 / 0	21.15	20.05	0.101	30.00	-9.95
25 MHz	π/2 BPSK	1722.5	-1.10	128 / 0	25.09	23.99	0.251	30.00	-6.01
		1745.0	-1.10	128 / 0	25.10	24.00	0.251	30.00	-6.00
		1767.5	-1.10	128 / 0	25.09	23.99	0.251	30.00	-6.01
	QPSK	1722.5	-1.10	1 / 64	24.96	23.86	0.243	30.00	-6.14
		1745.0	-1.10	1 / 64	24.92	23.82	0.241	30.00	-6.18
		1767.5	-1.10	1 / 64	25.01	23.91	0.246	30.00	-6.09
	16-QAM	1722.5	-1.10	1 / 64	23.81	22.71	0.187	30.00	-7.29
	64-QAM	1745.0	-1.10	128 / 0	23.16	22.06	0.161	30.00	-7.94
	256-QAM	1767.5	-1.10	128 / 0	21.17	20.07	0.102	30.00	-9.93
30 MHz	π/2 BPSK	1725.0	-1.10	160 / 0	25.08	23.98	0.250	30.00	-6.02
		1745.0	-1.10	1 / 158	25.10	24.00	0.251	30.00	-6.00
		1765.0	-1.10	160 / 0	25.14	24.04	0.254	30.00	-5.96
	QPSK	1725.0	-1.10	1 / 80	24.95	23.85	0.243	30.00	-6.15
		1745.0	-1.10	1 / 158	25.13	24.03	0.253	30.00	-5.97
		1765.0	-1.10	1 / 80	25.05	23.95	0.248	30.00	-6.05
	16-QAM	1765.0	-1.10	1 / 80	24.03	22.93	0.196	30.00	-7.07
	64-QAM	1765.0	-1.10	160 / 0	23.18	22.08	0.161	30.00	-7.92
	256-QAM	1765.0	-1.10	160 / 0	21.17	20.07	0.102	30.00	-9.93
35 MHz	π/2 BPSK	1727.5	-1.10	180 / 0	25.05	23.95	0.248	30.00	-6.05
		1745.0	-1.10	1 / 90	25.13	24.03	0.253	30.00	-5.97
		1762.5	-1.10	180 / 0	25.14	24.04	0.254	30.00	-5.96
	QPSK	1725.0	-1.10	1 / 1	24.87	23.77	0.238	30.00	-6.23
		1745.0	-1.10	1 / 1	24.97	23.87	0.244	30.00	-6.13
		1765.0	-1.10	1 / 1	24.97	23.87	0.244	30.00	-6.13
	16-QAM	1745.0	-1.10	1 / 1	23.84	22.74	0.188	30.00	-7.26
	64-QAM	1765.0	-1.10	180 / 0	23.15	22.05	0.160	30.00	-7.95
	256-QAM	1765.0	-1.10	180 / 0	21.23	20.13	0.103	30.00	-9.87
40 MHz	π/2 BPSK	1730.0	-1.10	216 / 0	25.09	23.99	0.251	30.00	-6.01
		1745.0	-1.10	1 / 1	25.07	23.97	0.249	30.00	-6.03
		1760.0	-1.10	216 / 0	25.11	24.01	0.252	30.00	-5.99
	QPSK	1730.0	-1.10	1 / 1	25.32	24.22	0.264	30.00	-5.78
		1745.0	-1.10	1 / 214	25.15	24.05	0.254	30.00	-5.95
		1760.0	-1.10	1 / 108	25.08	23.98	0.250	30.00	-6.02
	16-QAM	1745.0	-1.10	1 / 1	24.00	22.90	0.195	30.00	-7.10
	64-QAM	1760.0	-1.10	216 / 0	23.13	22.03	0.160	30.00	-7.97
	256-QAM	1760.0	-1.10	216 / 0	21.20	20.10	0.102	30.00	-9.90
45 MHz	π/2 BPSK	1732.5	-1.10	240 / 0	25.07	23.97	0.249	30.00	-6.03
		1745.0	-1.10	1 / 240	25.19	24.09	0.256	30.00	-5.91
		1757.5	-1.10	240 / 0	25.13	24.03	0.253	30.00	-5.97
	QPSK	1732.5	-1.10	1 / 1	25.11	24.01	0.252	30.00	-5.99
		1745.0	-1.10	1 / 120	25.00	23.90	0.245	30.00	-6.10
		1757.5	-1.10	1 / 120	25.16	24.06	0.255	30.00	-5.94
	16-QAM	1757.5	-1.10	1 / 120	23.85	22.75	0.188	30.00	-7.25
	64-QAM	1757.5	-1.10	240 / 0	23.11	22.01	0.159	30.00	-7.99
	256-QAM	1757.5	-1.10	240 / 0	21.28	20.18	0.104	30.00	-9.82

Table 7-15. Antenna 2b EIRP Data (NR Band n66)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 293 of 360

NR Band n70

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	1697.5	-2.40	25 / 0	25.39	22.99	0.199	30.00	-7.01
		1702.5	-2.40	25 / 0	25.37	22.97	0.198	30.00	-7.03
		1707.5	-2.40	25 / 0	25.34	22.94	0.197	30.00	-7.06
	QPSK	1697.5	-2.40	1 / 12	25.32	22.92	0.196	30.00	-7.08
		1702.5	-2.40	1 / 1	25.31	22.91	0.195	30.00	-7.09
		1707.5	-2.40	1 / 24	25.36	22.96	0.198	30.00	-7.04
	16-QAM	1697.5	-2.40	1 / 12	24.21	21.81	0.152	30.00	-8.19
	64-QAM	1702.5	-2.40	25 / 0	23.47	21.07	0.128	30.00	-8.93
	256-QAM	1697.5	-2.40	25 / 0	21.49	19.09	0.081	30.00	-10.91
10 MHz	$\pi/2$ BPSK	1700.0	-2.40	50 / 0	25.41	23.01	0.200	30.00	-6.99
		1702.5	-2.40	50 / 0	25.45	23.05	0.202	30.00	-6.95
		1705.0	-2.40	50 / 0	25.43	23.03	0.201	30.00	-6.97
	QPSK	1700.0	-2.40	1 / 1	25.32	22.92	0.196	30.00	-7.08
		1702.5	-2.40	1 / 1	25.36	22.96	0.198	30.00	-7.04
		1705.0	-2.40	1 / 50	25.37	22.97	0.198	30.00	-7.03
	16-QAM	1702.5	-2.40	1 / 1	24.20	21.80	0.151	30.00	-8.20
	64-QAM	1702.5	-2.40	50 / 0	23.39	20.99	0.126	30.00	-9.01
15 MHz	256-QAM	1700.0	-2.40	50 / 0	21.50	19.10	0.081	30.00	-10.90
	$\pi/2$ BPSK	1702.5	-2.40	75 / 0	25.35	22.95	0.197	30.00	-7.05
	QPSK	1702.5	-2.40	1 / 1	25.33	22.93	0.196	30.00	-7.07
	16-QAM	1702.5	-2.40	1 / 1	24.13	21.73	0.149	30.00	-8.27
	64-QAM	1702.5	-2.40	75 / 0	23.39	20.99	0.126	30.00	-9.01
	256-QAM	1702.5	-2.40	75 / 0	21.42	19.02	0.080	30.00	-10.98

Table 7-16. Antenna 2b EIRP Data (NR Band n70)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 294 of 360

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WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	25.43	-1.10	24.33	0.271	30.00	-5.67
1732.60	WCDMA1700	25.47	-1.10	24.37	0.274	30.00	-5.63
1752.60	WCDMA1700	25.52	-1.10	24.42	0.277	30.00	-5.58

Table 7-17. Antenna 2b EIRP Data (WCDMA AWS)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.3 Antenna 3b – ERP

LTE Band 71

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	QPSK	665.5	-3.10	1 / 12	25.00	19.75	0.094	34.77	-15.02
		680.5	-3.10	1 / 0	25.18	19.93	0.098	34.77	-14.84
		695.5	-3.10	1 / 0	25.06	19.81	0.096	34.77	-14.96
	16-QAM	695.5	-3.10	1 / 0	24.56	19.31	0.085	34.77	-15.46
	64-QAM	695.5	-3.10	1 / 24	23.47	18.22	0.066	34.77	-16.55
	256-QAM	695.5	-3.10	25 / 0	20.65	15.40	0.035	34.77	-19.37
10 MHz	QPSK	668.0	-3.10	1 / 49	25.00	19.75	0.094	34.77	-15.02
		680.5	-3.10	1 / 49	25.12	19.87	0.097	34.77	-14.90
		693.0	-3.10	1 / 25	25.21	19.96	0.099	34.77	-14.81
	16-QAM	693.0	-3.10	1 / 25	24.49	19.24	0.084	34.77	-15.53
	64-QAM	668.0	-3.10	1 / 49	23.36	18.11	0.065	34.77	-16.66
	256-QAM	693.0	-3.10	50 / 0	20.78	15.53	0.036	34.77	-19.24
15 MHz	QPSK	670.5	-3.10	1 / 37	25.10	19.85	0.097	34.77	-14.92
		680.5	-3.10	1 / 74	25.12	19.87	0.097	34.77	-14.90
		690.5	-3.10	1 / 37	25.12	19.87	0.097	34.77	-14.90
	16-QAM	680.5	-3.10	1 / 74	24.41	19.16	0.082	34.77	-15.61
	64-QAM	670.5	-3.10	1 / 74	23.41	18.16	0.065	34.77	-16.61
	256-QAM	690.5	-3.10	75 / 0	20.64	15.39	0.035	34.77	-19.38
20 MHz	QPSK	673.0	-3.10	1 / 50	24.81	19.56	0.090	34.77	-15.21
		680.5	-3.10	1 / 50	25.06	19.81	0.096	34.77	-14.96
		688.0	-3.10	1 / 50	25.16	19.91	0.098	34.77	-14.86
	16-QAM	688.0	-3.10	1 / 50	24.43	19.18	0.083	34.77	-15.59
	64-QAM	688.0	-3.10	1 / 50	23.46	18.21	0.066	34.77	-16.56
	256-QAM	688.0	-3.10	100 / 0	20.62	15.37	0.034	34.77	-19.40

Table 7-18. Antenna 3b ERP Data (LTE Band 71)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 12

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	699.7	-2.30	1 / 3	25.15	20.70	0.117	34.77	-14.07
		707.5	-2.30	1 / 3	25.16	20.71	0.118	34.77	-14.06
		715.3	-2.30	1 / 3	25.40	20.95	0.124	34.77	-13.82
	16-QAM	715.3	-2.30	1 / 3	24.52	20.07	0.102	34.77	-14.70
	64-QAM	715.3	-2.30	1 / 3	23.50	19.05	0.080	34.77	-15.72
	256-QAM	699.7	-2.30	6 / 0	20.74	16.29	0.043	34.77	-18.48
3 MHz	QPSK	700.5	-2.30	1 / 7	25.17	20.72	0.118	34.77	-14.05
		707.5	-2.30	1 / 7	25.23	20.78	0.120	34.77	-13.99
		714.5	-2.30	1 / 7	25.17	20.72	0.118	34.77	-14.05
	16-QAM	707.5	-2.30	1 / 7	24.53	20.08	0.102	34.77	-14.69
	64-QAM	700.5	-2.30	1 / 7	23.48	19.03	0.080	34.77	-15.74
	256-QAM	714.5	-2.30	15 / 0	20.83	16.38	0.043	34.77	-18.39
5 MHz	QPSK	701.5	-2.30	1 / 12	25.25	20.80	0.120	34.77	-13.97
		707.5	-2.30	1 / 0	25.34	20.89	0.123	34.77	-13.88
		713.5	-2.30	1 / 0	25.20	20.75	0.119	34.77	-14.02
	16-QAM	707.5	-2.30	1 / 24	24.75	20.30	0.107	34.77	-14.47
	64-QAM	713.5	-2.30	1 / 0	23.61	19.16	0.082	34.77	-15.61
	256-QAM	701.5	-2.30	25 / 0	20.72	16.27	0.042	34.77	-18.50
10 MHz	QPSK	704.0	-2.30	1 / 25	25.25	20.80	0.120	34.77	-13.97
		707.5	-2.30	1 / 25	25.18	20.73	0.118	34.77	-14.04
		711.0	-2.30	1 / 25	25.21	20.76	0.119	34.77	-14.01
	16-QAM	707.5	-2.30	1 / 25	24.60	20.15	0.104	34.77	-14.62
	64-QAM	711.0	-2.30	1 / 25	23.53	19.08	0.081	34.77	-15.69
	256-QAM	711.0	-2.30	50 / 0	20.81	16.36	0.043	34.77	-18.41

Table 7-19. Antenna 3b ERP Data (LTE Band 12)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 17

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	QPSK	706.5	-2.30	1 / 0	25.30	20.85	0.122	34.77	-13.92
		710.0	-2.30	1 / 24	25.34	20.89	0.123	34.77	-13.88
		713.5	-2.30	1 / 0	25.14	20.69	0.117	34.77	-14.08
	16-QAM	706.5	-2.30	1 / 12	24.64	20.19	0.104	34.77	-14.58
	64-QAM	713.5	-2.30	1 / 24	23.52	19.07	0.081	34.77	-15.70
	256-QAM	706.5	-2.30	25 / 0	20.66	16.21	0.042	34.77	-18.56
10 MHz	QPSK	709.0	-2.30	1 / 0	25.27	20.82	0.121	34.77	-13.95
		710.0	-2.30	1 / 0	25.10	20.65	0.116	34.77	-14.12
		711.0	-2.30	1 / 49	25.19	20.74	0.119	34.77	-14.03
	16-QAM	709.0	-2.30	1 / 0	24.61	20.16	0.104	34.77	-14.61
	64-QAM	711.0	-2.30	1 / 49	23.53	19.08	0.081	34.77	-15.69
	256-QAM	711.0	-2.30	50 / 0	20.76	16.31	0.043	34.77	-18.46

Table 7-20. Antenna 3b ERP Data (LTE Band 17)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 13

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	QPSK	779.5	-1.20	1 / 0	25.32	21.97	0.157	34.77	-12.80
		782.0	-1.20	1 / 24	25.33	21.98	0.158	34.77	-12.79
		784.5	-1.20	1 / 12	24.99	21.64	0.146	34.77	-13.13
	16-QAM	782.0	-1.20	1 / 24	24.69	21.34	0.136	34.77	-13.43
	64-QAM	779.5	-1.20	1 / 24	23.54	20.19	0.104	34.77	-14.58
	256-QAM	784.5	-1.20	25 / 0	20.62	17.27	0.053	34.77	-17.50
10 MHz	QPSK	782.0	-1.20	1 / 25	25.13	21.78	0.151	34.77	-12.99
	16-QAM	782.0	-1.20	1 / 25	24.42	21.07	0.128	34.77	-13.70
	64-QAM	782.0	-1.20	1 / 49	23.46	20.11	0.103	34.77	-14.66
	256-QAM	782.0	-1.20	50 / 0	20.66	17.31	0.054	34.77	-17.46

Table 7-21. Antenna 3b ERP Data (LTE Band 13)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n71

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	665.5	-3.10	25 / 0	25.24	19.99	0.100	34.77	-14.78
		680.5	-3.10	25 / 0	25.19	19.94	0.099	34.77	-14.83
		695.5	-3.10	25 / 0	25.10	19.85	0.097	34.77	-14.92
	QPSK	665.5	-3.10	1 / 12	25.25	20.00	0.100	34.77	-14.77
		680.5	-3.10	1 / 12	25.20	19.95	0.099	34.77	-14.82
		695.5	-3.10	1 / 1	25.18	19.93	0.098	34.77	-14.84
	16-QAM	665.5	-3.10	1 / 12	24.20	18.95	0.079	34.77	-15.82
	64-QAM	665.5	-3.10	25 / 0	23.27	18.02	0.063	34.77	-16.75
	256-QAM	665.5	-3.10	25 / 0	21.28	16.03	0.040	34.77	-18.74
10 MHz	$\pi/2$ BPSK	668.0	-3.10	1 / 25	25.25	20.00	0.100	34.77	-14.77
		680.5	-3.10	50 / 0	25.21	19.96	0.099	34.77	-14.81
		693.0	-3.10	1 / 50	25.20	19.95	0.099	34.77	-14.82
	QPSK	668.0	-3.10	1 / 25	25.27	20.02	0.100	34.77	-14.75
		680.5	-3.10	1 / 1	25.19	19.94	0.099	34.77	-14.83
		693.0	-3.10	1 / 1	25.19	19.94	0.099	34.77	-14.83
	16-QAM	680.5	-3.10	1 / 1	24.04	18.79	0.076	34.77	-15.98
	64-QAM	680.5	-3.10	50 / 0	23.23	17.98	0.063	34.77	-16.79
	256-QAM	680.5	-3.10	50 / 0	21.27	16.02	0.040	34.77	-18.75
15 MHz	$\pi/2$ BPSK	670.5	-3.10	75 / 0	25.10	19.85	0.097	34.77	-14.92
		680.5	-3.10	1 / 77	25.25	20.00	0.100	34.77	-14.77
		690.5	-3.10	75 / 0	25.16	19.91	0.098	34.77	-14.86
	QPSK	670.5	-3.10	1 / 77	25.12	19.87	0.097	34.77	-14.90
		680.5	-3.10	1 / 1	25.19	19.94	0.099	34.77	-14.83
		690.5	-3.10	1 / 1	25.24	19.99	0.100	34.77	-14.78
	16-QAM	670.5	-3.10	1 / 1	24.06	18.81	0.076	34.77	-15.96
	64-QAM	680.5	-3.10	75 / 0	23.20	17.95	0.062	34.77	-16.82
	256-QAM	680.5	-3.10	75 / 0	21.17	15.92	0.039	34.77	-18.85
20 MHz	$\pi/2$ BPSK	673.0	-3.10	100 / 0	25.22	19.97	0.099	34.77	-14.80
		680.5	-3.10	100 / 0	25.18	19.93	0.098	34.77	-14.84
		688.0	-3.10	100 / 0	25.17	19.92	0.098	34.77	-14.85
	QPSK	673.0	-3.10	1 / 1	25.11	19.86	0.097	34.77	-14.91
		680.5	-3.10	1 / 104	25.14	19.89	0.097	34.77	-14.88
		688.0	-3.10	1 / 50	25.10	19.85	0.097	34.77	-14.92
	16-QAM	673.0	-3.10	1 / 1	24.05	18.80	0.076	34.77	-15.97
	64-QAM	673.0	-3.10	100 / 0	23.21	17.96	0.063	34.77	-16.81
	256-QAM	673.0	-3.10	100 / 0	21.22	15.97	0.040	34.77	-18.80

Table 7-22. Antenna 3b ERP Data (NR Band n71)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n12

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	701.5	-2.30	25 / 0	25.17	20.72	0.118	34.77	-14.05
		707.5	-2.30	1 / 1	25.26	20.81	0.121	34.77	-13.96
		713.5	-2.30	25 / 0	25.20	20.75	0.119	34.77	-14.02
	QPSK	701.5	-2.30	1 / 12	25.12	20.67	0.117	34.77	-14.10
		707.5	-2.30	1 / 24	25.26	20.81	0.121	34.77	-13.96
		713.5	-2.30	1 / 1	25.15	20.70	0.117	34.77	-14.07
	16-QAM	707.5	-2.30	1 / 12	24.06	19.61	0.091	34.77	-15.16
	64-QAM	713.5	-2.30	25 / 0	23.23	18.78	0.076	34.77	-15.99
	256-QAM	713.5	-2.30	25 / 0	21.20	16.75	0.047	34.77	-18.02
10 MHz	$\pi/2$ BPSK	704.0	-2.30	50 / 0	25.26	20.81	0.121	34.77	-13.96
		707.5	-2.30	50 / 0	25.24	20.79	0.120	34.77	-13.98
		711.0	-2.30	50 / 0	25.21	20.76	0.119	34.77	-14.01
	QPSK	704.0	-2.30	1 / 25	25.23	20.78	0.120	34.77	-13.99
		707.5	-2.30	1 / 50	25.17	20.72	0.118	34.77	-14.05
		711.0	-2.30	1 / 1	25.29	20.84	0.121	34.77	-13.93
	16-QAM	707.5	-2.30	1 / 50	24.03	19.58	0.091	34.77	-15.19
	64-QAM	704.0	-2.30	50 / 0	23.22	18.77	0.075	34.77	-16.00
	256-QAM	707.5	-2.30	50 / 0	21.30	16.85	0.048	34.77	-17.92
15 MHz	$\pi/2$ BPSK	706.5	-2.30	75 / 0	25.10	20.65	0.116	34.77	-14.12
		707.5	-2.30	1 / 77	25.14	20.69	0.117	34.77	-14.08
		708.5	-2.30	75 / 0	25.06	20.61	0.115	34.77	-14.16
	QPSK	706.5	-2.30	1 / 36	25.05	20.60	0.115	34.77	-14.17
		707.5	-2.30	1 / 77	25.17	20.72	0.118	34.77	-14.05
		708.5	-2.30	1 / 77	25.10	20.65	0.116	34.77	-14.12
	16-QAM	707.5	-2.30	1 / 77	23.97	19.52	0.090	34.77	-15.25
	64-QAM	706.5	-2.30	75 / 0	23.21	18.76	0.075	34.77	-16.01
	256-QAM	707.5	-2.30	75 / 0	21.15	16.70	0.047	34.77	-18.07

Table 7-23. Antenna 3b ERP Data (NR Band n12)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.4 Antenna 3a – EIRP

LTE Band 66

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1710.7	-0.90	1 / 3	24.88	23.98	0.250	30.00	-6.02
		1745.0	-0.90	1 / 3	25.20	24.30	0.269	30.00	-5.70
		1779.3	-0.90	1 / 3	25.15	24.25	0.266	30.00	-5.75
	16-QAM	1779.3	-0.90	1 / 3	24.42	23.52	0.225	30.00	-6.48
	64-QAM	1779.3	-0.90	1 / 3	23.30	22.40	0.174	30.00	-7.60
	256-QAM	1779.3	-0.90	6 / 0	20.72	19.82	0.096	30.00	-10.18
3 MHz	QPSK	1711.5	-0.90	1 / 7	24.92	24.02	0.252	30.00	-5.98
		1745.0	-0.90	1 / 7	25.10	24.20	0.263	30.00	-5.80
		1778.5	-0.90	1 / 7	25.02	24.12	0.258	30.00	-5.88
	16-QAM	1745.0	-0.90	1 / 7	24.45	23.55	0.226	30.00	-6.45
	64-QAM	1711.5	-0.90	1 / 7	23.32	22.42	0.175	30.00	-7.58
	256-QAM	1778.5	-0.90	15 / 0	20.67	19.77	0.095	30.00	-10.23
5 MHz	QPSK	1712.5	-0.90	1 / 24	25.10	24.20	0.263	30.00	-5.80
		1745.0	-0.90	1 / 24	25.28	24.38	0.274	30.00	-5.62
		1777.5	-0.90	1 / 24	25.05	24.15	0.260	30.00	-5.85
	16-QAM	1745.0	-0.90	1 / 12	24.60	23.70	0.234	30.00	-6.30
	64-QAM	1745.0	-0.90	1 / 12	23.53	22.63	0.183	30.00	-7.37
	256-QAM	1777.5	-0.90	25 / 0	20.65	19.75	0.094	30.00	-10.25
10 MHz	QPSK	1715.0	-0.90	1 / 49	25.08	24.18	0.262	30.00	-5.82
		1745.0	-0.90	1 / 0	25.18	24.28	0.268	30.00	-5.72
		1775.0	-0.90	1 / 25	25.22	24.32	0.270	30.00	-5.68
	16-QAM	1775.0	-0.90	1 / 25	24.58	23.68	0.233	30.00	-6.32
	64-QAM	1715.0	-0.90	1 / 49	23.41	22.51	0.178	30.00	-7.49
	256-QAM	1775.0	-0.90	50 / 0	20.79	19.89	0.097	30.00	-10.11
15 MHz	QPSK	1717.5	-0.90	1 / 37	25.19	24.29	0.269	30.00	-5.71
		1745.0	-0.90	1 / 0	25.06	24.16	0.261	30.00	-5.84
		1772.5	-0.90	1 / 37	25.16	24.26	0.267	30.00	-5.74
	16-QAM	1772.5	-0.90	1 / 37	24.59	23.69	0.234	30.00	-6.31
	64-QAM	1717.5	-0.90	1 / 37	23.43	22.53	0.179	30.00	-7.47
	256-QAM	1772.5	-0.90	75 / 0	20.70	19.80	0.095	30.00	-10.20
20 MHz	QPSK	1720.0	-0.90	1 / 50	24.88	23.98	0.250	30.00	-6.02
		1745.0	-0.90	1 / 50	25.19	24.29	0.269	30.00	-5.71
		1770.0	-0.90	1 / 50	25.13	24.23	0.265	30.00	-5.77
	16-QAM	1745.0	-0.90	1 / 50	24.44	23.54	0.226	30.00	-6.46
	64-QAM	1720.0	-0.90	1 / 50	23.46	22.56	0.180	30.00	-7.44
	256-QAM	1770.0	-0.90	100 / 0	20.65	19.75	0.094	30.00	-10.25

Table 7-24. Antenna 3a EIRP Data (LTE Band 66)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 302 of 360

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LTE Band 4

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1710.7	-0.90	1 / 3	25.05	24.15	0.260	30.00	-5.85
		1732.5	-0.90	1 / 3	25.02	24.12	0.258	30.00	-5.88
		1754.3	-0.90	1 / 3	25.10	24.20	0.263	30.00	-5.80
	16-QAM	1754.3	-0.90	1 / 3	24.41	23.51	0.224	30.00	-6.49
	64-QAM	1754.3	-0.90	1 / 3	23.45	22.55	0.180	30.00	-7.45
	256-QAM	1754.3	-0.90	6 / 0	20.54	19.64	0.092	30.00	-10.36
3 MHz	QPSK	1711.5	-0.90	1 / 7	24.90	24.00	0.251	30.00	-6.00
		1732.5	-0.90	1 / 7	25.10	24.20	0.263	30.00	-5.80
		1753.5	-0.90	1 / 7	25.11	24.21	0.264	30.00	-5.79
	16-QAM	1732.5	-0.90	1 / 7	24.53	23.63	0.231	30.00	-6.37
	64-QAM	1753.5	-0.90	1 / 7	23.29	22.39	0.173	30.00	-7.61
	256-QAM	1753.5	-0.90	15 / 0	20.61	19.71	0.094	30.00	-10.29
5 MHz	QPSK	1712.5	-0.90	1 / 12	25.08	24.18	0.262	30.00	-5.82
		1732.5	-0.90	1 / 24	25.26	24.36	0.273	30.00	-5.64
		1752.5	-0.90	1 / 24	25.20	24.30	0.269	30.00	-5.70
	16-QAM	1752.5	-0.90	1 / 24	24.58	23.68	0.233	30.00	-6.32
	64-QAM	1732.5	-0.90	1 / 24	23.64	22.74	0.188	30.00	-7.26
	256-QAM	1752.5	-0.90	25 / 0	20.69	19.79	0.095	30.00	-10.21
10 MHz	QPSK	1715.0	-0.90	1 / 25	25.06	24.16	0.261	30.00	-5.84
		1732.5	-0.90	1 / 49	25.13	24.23	0.265	30.00	-5.77
		1750.0	-0.90	1 / 25	25.09	24.19	0.262	30.00	-5.81
	16-QAM	1732.5	-0.90	1 / 25	24.54	23.64	0.231	30.00	-6.36
	64-QAM	1715.0	-0.90	1 / 49	23.42	22.52	0.179	30.00	-7.48
	256-QAM	1750.0	-0.90	50 / 0	20.66	19.76	0.095	30.00	-10.24
15 MHz	QPSK	1717.5	-0.90	1 / 37	25.17	24.27	0.267	30.00	-5.73
		1732.5	-0.90	1 / 37	25.04	24.14	0.259	30.00	-5.86
		1747.5	-0.90	1 / 37	25.03	24.13	0.259	30.00	-5.87
	16-QAM	1747.5	-0.90	1 / 74	24.46	23.56	0.227	30.00	-6.44
	64-QAM	1717.5	-0.90	1 / 37	23.31	22.41	0.174	30.00	-7.59
	256-QAM	1747.5	-0.90	75 / 0	20.59	19.69	0.093	30.00	-10.31
20 MHz	QPSK	1720.0	-0.90	1 / 50	24.85	23.95	0.248	30.00	-6.05
		1732.5	-0.90	1 / 50	25.10	24.20	0.263	30.00	-5.80
		1745.0	-0.90	1 / 50	25.11	24.21	0.264	30.00	-5.79
	16-QAM	1732.5	-0.90	1 / 50	24.45	23.55	0.226	30.00	-6.45
	64-QAM	1732.5	-0.90	1 / 50	23.41	22.51	0.178	30.00	-7.49
	256-QAM	1732.5	-0.90	100 / 0	20.52	19.62	0.092	30.00	-10.38

Table 7-25. Antenna 3a EIRP Data (LTE Band 4)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 303 of 360

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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dB]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
5 MHz	π/2 BPSK	1712.5	-0.90	25 / 0	25.01	24.11	0.258	30.00	-5.89	
		1745.0	-0.90	1 / 24	25.15	24.25	0.266	30.00	-5.75	
		1777.5	-0.90	25 / 0	25.04	24.14	0.259	30.00	-5.86	
	QPSK	1712.5	-0.90	1 / 24	24.91	24.01	0.252	30.00	-5.99	
		1745.0	-0.90	1 / 24	25.07	24.17	0.261	30.00	-5.83	
		1777.5	-0.90	1 / 24	25.31	24.41	0.276	30.00	-5.59	
	16-QAM	1745.0	-0.90	1 / 12	23.99	23.09	0.204	30.00	-6.91	
	64-QAM	1745.0	-0.90	25 / 0	23.21	22.31	0.170	30.00	-7.69	
256-QAM	1745.0	-0.90	25 / 0	21.23	20.33	0.108	30.00	-9.67		
10 MHz	π/2 BPSK	1715.0	-0.90	50 / 0	25.12	24.22	0.264	30.00	-5.78	
		1745.0	-0.90	50 / 0	25.21	24.31	0.270	30.00	-5.69	
		1775.0	-0.90	50 / 0	25.09	24.19	0.262	30.00	-5.81	
		1715.0	-0.90	1 / 50	25.01	24.11	0.258	30.00	-5.89	
		1745.0	-0.90	1 / 50	25.19	24.29	0.269	30.00	-5.71	
		1775.0	-0.90	1 / 50	24.93	24.03	0.253	30.00	-5.97	
	16-QAM	1745.0	-0.90	1 / 50	24.07	23.17	0.207	30.00	-6.83	
		64-QAM	1745.0	-0.90	50 / 0	23.23	22.33	0.171	30.00	-7.67
		256-QAM	1745.0	-0.90	50 / 0	21.28	20.38	0.109	30.00	-9.62
	π/2 BPSK	1717.5	-0.90	75 / 0	25.00	24.10	0.257	30.00	-5.90	
		1745.0	-0.90	75 / 0	25.17	24.27	0.267	30.00	-5.73	
		1772.5	-0.90	75 / 0	25.01	24.11	0.258	30.00	-5.89	
QPSK		1717.5	-0.90	1 / 77	25.04	24.14	0.259	30.00	-5.86	
		1745.0	-0.90	1 / 77	25.15	24.25	0.266	30.00	-5.75	
		1772.5	-0.90	1 / 77	25.22	24.32	0.270	30.00	-5.68	
16-QAM	1745.0	-0.90	1 / 77	23.98	23.08	0.203	30.00	-6.92		
64-QAM	1745.0	-0.90	75 / 0	23.20	22.30	0.170	30.00	-7.70		
256-QAM	1745.0	-0.90	75 / 0	21.17	20.27	0.106	30.00	-9.73		
20 MHz	π/2 BPSK	1720.0	-0.90	100 / 0	25.07	24.17	0.261	30.00	-5.83	
		1745.0	-0.90	100 / 0	25.17	24.27	0.267	30.00	-5.73	
		1770.0	-0.90	100 / 0	25.13	24.23	0.265	30.00	-5.77	
		1720.0	-0.90	1 / 50	24.96	24.06	0.255	30.00	-5.94	
		1745.0	-0.90	1 / 104	25.09	24.19	0.262	30.00	-5.81	
		1770.0	-0.90	1 / 1	25.09	24.19	0.262	30.00	-5.81	
	16-QAM	1745.0	-0.90	1 / 104	23.94	23.04	0.201	30.00	-6.96	
		64-QAM	1745.0	-0.90	100 / 0	23.21	22.31	0.170	30.00	-7.69
		256-QAM	1745.0	-0.90	100 / 0	21.21	20.31	0.107	30.00	-9.69
	π/2 BPSK	1722.5	-0.90	128 / 0	25.08	24.18	0.262	30.00	-5.82	
		1745.0	-0.90	128 / 0	25.20	24.30	0.269	30.00	-5.70	
		1767.5	-0.90	128 / 0	25.18	24.28	0.268	30.00	-5.72	
QPSK		1722.5	-0.90	1 / 64	24.95	24.05	0.254	30.00	-5.95	
		1745.0	-0.90	1 / 64	25.05	24.15	0.260	30.00	-5.85	
		1767.5	-0.90	1 / 64	25.00	24.10	0.257	30.00	-5.90	
16-QAM	1745.0	-0.90	1 / 64	23.88	22.98	0.199	30.00	-7.02		
64-QAM	1767.5	-0.90	128 / 0	23.25	22.35	0.172	30.00	-7.65		
256-QAM	1745.0	-0.90	128 / 0	21.24	20.34	0.108	30.00	-9.66		
30 MHz	π/2 BPSK	1725.0	-0.90	160 / 0	25.10	24.20	0.263	30.00	-5.80	
		1745.0	-0.90	160 / 0	25.18	24.28	0.268	30.00	-5.72	
		1765.0	-0.90	1 / 1	25.07	24.17	0.261	30.00	-5.83	
		QPSK	1725.0	-0.90	1 / 158	25.13	24.23	0.265	30.00	-5.77
			1745.0	-0.90	1 / 80	25.10	24.20	0.263	30.00	-5.80
			1765.0	-0.90	1 / 1	25.15	24.25	0.266	30.00	-5.75
	16-QAM	1745.0	-0.90	1 / 158	23.98	23.08	0.203	30.00	-6.92	
		64-QAM	1745.0	-0.90	160 / 0	23.15	22.25	0.168	30.00	-7.75
		256-QAM	1745.0	-0.90	160 / 0	21.22	20.32	0.108	30.00	-9.68
	π/2 BPSK	1727.5	-0.90	1 / 90	25.13	24.23	0.265	30.00	-5.77	
		1745.0	-0.90	180 / 0	25.19	24.29	0.269	30.00	-5.71	
		1762.5	-0.90	180 / 0	25.01	24.11	0.258	30.00	-5.89	
QPSK		1725.0	-0.90	1 / 1	24.86	23.96	0.249	30.00	-6.04	
		1745.0	-0.90	1 / 1	25.17	24.27	0.267	30.00	-5.73	
		1765.0	-0.90	1 / 1	25.11	24.21	0.264	30.00	-5.79	
16-QAM	1745.0	-0.90	1 / 1	23.99	23.09	0.204	30.00	-6.91		
64-QAM	1745.0	-0.90	180 / 0	23.19	22.29	0.169	30.00	-7.71		
256-QAM	1745.0	-0.90	180 / 0	21.22	20.32	0.108	30.00	-9.68		
40 MHz	π/2 BPSK	1730.0	-0.90	1 / 214	25.15	24.25	0.266	30.00	-5.75	
		1745.0	-0.90	216 / 0	25.22	24.32	0.270	30.00	-5.68	
		1760.0	-0.90	216 / 0	25.14	24.24	0.265	30.00	-5.76	
		QPSK	1730.0	-0.90	1 / 214	25.12	24.22	0.264	30.00	-5.78
			1745.0	-0.90	1 / 108	25.07	24.17	0.261	30.00	-5.83
			1760.0	-0.90	1 / 108	25.08	24.18	0.262	30.00	-5.82
	16-QAM	1745.0	-0.90	1 / 108	24.04	23.14	0.206	30.00	-6.86	
		64-QAM	1745.0	-0.90	216 / 0	23.16	22.26	0.168	30.00	-7.74
		256-QAM	1745.0	-0.90	216 / 0	21.23	20.33	0.108	30.00	-9.67
	π/2 BPSK	1732.5	-0.90	1 / 240	25.10	24.20	0.263	30.00	-5.80	
		1745.0	-0.90	240 / 0	25.22	24.32	0.270	30.00	-5.68	
		1757.5	-0.90	240 / 0	25.14	24.24	0.265	30.00	-5.76	
QPSK		1732.5	-0.90	1 / 240	25.24	24.34	0.272	30.00	-5.66	
		1745.0	-0.90	1 / 120	25.11	24.21	0.264	30.00	-5.79	
		1757.5	-0.90	1 / 120	25.11	24.21	0.264	30.00	-5.79	
16-QAM	1745.0	-0.90	1 / 120	24.03	23.13	0.206	30.00	-6.87		
64-QAM	1745.0	-0.90	240 / 0	23.16	22.26	0.168	30.00	-7.74		
256-QAM	1745.0	-0.90	240 / 0	21.22	20.32	0.108	30.00	-9.68		

Table 7-26. Antenna 3a EIRP Data (NR Band n66)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 304 of 360

NR Band n70

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	1697.5	-1.10	25 / 0	25.12	24.02	0.252	30.00	-5.98
		1702.5	-1.10	1 / 12	25.31	24.21	0.264	30.00	-5.79
		1707.5	-1.10	25 / 0	25.19	24.09	0.256	30.00	-5.91
	QPSK	1697.5	-1.10	1 / 1	25.15	24.05	0.254	30.00	-5.95
		1702.5	-1.10	1 / 12	25.22	24.12	0.258	30.00	-5.88
		1707.5	-1.10	1 / 24	25.16	24.06	0.255	30.00	-5.94
	16-QAM	1702.5	-1.10	1 / 12	24.10	23.00	0.200	30.00	-7.00
	64-QAM	1702.5	-1.10	25 / 0	23.29	22.19	0.166	30.00	-7.81
	256-QAM	1702.5	-1.10	25 / 0	21.34	20.24	0.106	30.00	-9.76
10 MHz	$\pi/2$ BPSK	1700.0	-1.10	1 / 50	25.17	24.07	0.255	30.00	-5.93
		1702.5	-1.10	50 / 0	25.32	24.22	0.264	30.00	-5.78
		1705.0	-1.10	50 / 0	25.26	24.16	0.261	30.00	-5.84
	QPSK	1700.0	-1.10	1 / 1	25.16	24.06	0.255	30.00	-5.94
		1702.5	-1.10	1 / 1	25.26	24.16	0.261	30.00	-5.84
		1705.0	-1.10	1 / 50	25.30	24.20	0.263	30.00	-5.80
	16-QAM	1705.0	-1.10	1 / 50	24.11	23.01	0.200	30.00	-6.99
	64-QAM	1702.5	-1.10	50 / 0	23.33	22.23	0.167	30.00	-7.77
15 MHz	256-QAM	1702.5	-1.10	50 / 0	21.39	20.29	0.107	30.00	-9.71
	$\pi/2$ BPSK	1702.5	-1.10	75 / 0	25.21	24.11	0.258	30.00	-5.89
	QPSK	1702.5	-1.10	1 / 36	25.21	24.11	0.258	30.00	-5.89
	16-QAM	1702.5	-1.10	1 / 36	24.01	22.91	0.195	30.00	-7.09
	64-QAM	1702.5	-1.10	75 / 0	23.27	22.17	0.165	30.00	-7.83
	256-QAM	1702.5	-1.10	75 / 0	21.25	20.15	0.104	30.00	-9.85

Table 7-27. Antenna 3a EIRP Data (NR Band n70)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 305 of 360

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WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	25.41	-0.90	24.51	0.282	30.00	-5.49
1732.60	WCDMA1700	25.55	-0.90	24.65	0.292	30.00	-5.35
1752.60	WCDMA1700	25.53	-0.90	24.63	0.290	30.00	-5.37

Table 7-28. Antenna 3a EIRP Data (WCDMA AWS)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 306 of 360

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7.6.5 Antenna 1b – EIRP

LTE Band 66

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1710.7	-1.80	1 / 3	25.01	23.21	0.209	30.00	-6.79
		1745.0	-1.80	1 / 3	25.19	23.39	0.218	30.00	-6.61
		1779.3	-1.80	1 / 3	25.19	23.39	0.218	30.00	-6.61
	16-QAM	1779.3	-1.80	1 / 3	24.52	22.72	0.187	30.00	-7.28
	64-QAM	1745.0	-1.80	1 / 3	23.33	21.53	0.142	30.00	-8.47
	256-QAM	1779.3	-1.80	6 / 0	20.68	18.88	0.077	30.00	-11.12
3 MHz	QPSK	1711.5	-1.80	1 / 7	25.01	23.21	0.209	30.00	-6.79
		1745.0	-1.80	1 / 7	25.04	23.24	0.211	30.00	-6.76
		1778.5	-1.80	1 / 7	25.15	23.35	0.216	30.00	-6.65
	16-QAM	1778.5	-1.80	1 / 7	24.61	22.81	0.191	30.00	-7.19
	64-QAM	1778.5	-1.80	1 / 7	23.33	21.53	0.142	30.00	-8.47
	256-QAM	1778.5	-1.80	15 / 0	20.67	18.87	0.077	30.00	-11.13
5 MHz	QPSK	1712.5	-1.80	1 / 24	25.18	23.38	0.218	30.00	-6.62
		1745.0	-1.80	1 / 24	25.27	23.47	0.222	30.00	-6.53
		1777.5	-1.80	1 / 0	25.15	23.35	0.216	30.00	-6.65
	16-QAM	1745.0	-1.80	1 / 0	24.66	22.86	0.193	30.00	-7.14
	64-QAM	1712.5	-1.80	1 / 24	23.49	21.69	0.148	30.00	-8.31
	256-QAM	1777.5	-1.80	25 / 0	20.72	18.92	0.078	30.00	-11.08
10 MHz	QPSK	1715.0	-1.80	1 / 25	25.08	23.28	0.213	30.00	-6.72
		1745.0	-1.80	1 / 49	25.16	23.36	0.217	30.00	-6.64
		1775.0	-1.80	1 / 25	25.17	23.37	0.217	30.00	-6.63
	16-QAM	1775.0	-1.80	1 / 0	24.65	22.85	0.193	30.00	-7.15
	64-QAM	1715.0	-1.80	1 / 25	23.47	21.67	0.147	30.00	-8.33
	256-QAM	1775.0	-1.80	50 / 0	20.77	18.97	0.079	30.00	-11.03
15 MHz	QPSK	1717.5	-1.80	1 / 37	25.23	23.43	0.220	30.00	-6.57
		1745.0	-1.80	1 / 37	25.08	23.28	0.213	30.00	-6.72
		1772.5	-1.80	1 / 37	25.15	23.35	0.216	30.00	-6.65
	16-QAM	1772.5	-1.80	1 / 37	24.63	22.83	0.192	30.00	-7.17
	64-QAM	1717.5	-1.80	1 / 74	23.51	21.71	0.148	30.00	-8.29
	256-QAM	1772.5	-1.80	75 / 0	20.66	18.86	0.077	30.00	-11.14
20 MHz	QPSK	1720.0	-1.80	1 / 50	24.91	23.11	0.205	30.00	-6.89
		1745.0	-1.80	1 / 50	25.23	23.43	0.220	30.00	-6.57
		1770.0	-1.80	1 / 50	25.18	23.38	0.218	30.00	-6.62
	16-QAM	1770.0	-1.80	1 / 50	24.51	22.71	0.187	30.00	-7.29
	64-QAM	1770.0	-1.80	1 / 50	23.42	21.62	0.145	30.00	-8.38
	256-QAM	1770.0	-1.80	100 / 0	20.65	18.85	0.077	30.00	-11.15

Table 7-29. Antenna 1b EIRP Data (LTE Band 66)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 307 of 360

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LTE Band 4

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1710.7	-1.80	1 / 3	25.08	23.28	0.213	30.00	-6.72
		1732.5	-1.80	1 / 3	24.88	23.08	0.203	30.00	-6.92
		1754.3	-1.80	1 / 3	25.18	23.38	0.218	30.00	-6.62
	16-QAM	1754.3	-1.80	1 / 3	24.23	22.43	0.175	30.00	-7.57
	64-QAM	1732.5	-1.80	1 / 3	23.20	21.40	0.138	30.00	-8.60
	256-QAM	1754.3	-1.80	6 / 0	20.49	18.69	0.074	30.00	-11.31
3 MHz	QPSK	1711.5	-1.80	1 / 7	24.92	23.12	0.205	30.00	-6.88
		1732.5	-1.80	1 / 7	24.93	23.13	0.206	30.00	-6.87
		1753.5	-1.80	1 / 7	25.02	23.22	0.210	30.00	-6.78
	16-QAM	1753.5	-1.80	1 / 7	24.43	22.63	0.183	30.00	-7.37
	64-QAM	1732.5	-1.80	1 / 7	23.27	21.47	0.140	30.00	-8.53
	256-QAM	1753.5	-1.80	15 / 0	20.54	18.74	0.075	30.00	-11.26
5 MHz	QPSK	1712.5	-1.80	1 / 0	25.05	23.25	0.211	30.00	-6.75
		1732.5	-1.80	1 / 24	25.24	23.44	0.221	30.00	-6.56
		1752.5	-1.80	1 / 0	25.05	23.25	0.211	30.00	-6.75
	16-QAM	1732.5	-1.80	1 / 24	24.76	22.96	0.198	30.00	-7.04
	64-QAM	1732.5	-1.80	1 / 0	23.51	21.71	0.148	30.00	-8.29
	256-QAM	1752.5	-1.80	25 / 0	20.63	18.83	0.076	30.00	-11.17
10 MHz	QPSK	1715.0	-1.80	1 / 25	24.97	23.17	0.207	30.00	-6.83
		1732.5	-1.80	1 / 0	25.06	23.26	0.212	30.00	-6.74
		1750.0	-1.80	1 / 25	25.03	23.23	0.210	30.00	-6.77
	16-QAM	1732.5	-1.80	1 / 49	24.49	22.69	0.186	30.00	-7.31
	64-QAM	1750.0	-1.80	1 / 25	23.35	21.55	0.143	30.00	-8.45
	256-QAM	1750.0	-1.80	50 / 0	20.61	18.81	0.076	30.00	-11.19
15 MHz	QPSK	1717.5	-1.80	1 / 37	25.07	23.27	0.212	30.00	-6.73
		1732.5	-1.80	1 / 37	25.01	23.21	0.209	30.00	-6.79
		1747.5	-1.80	1 / 37	24.92	23.12	0.205	30.00	-6.88
	16-QAM	1747.5	-1.80	1 / 37	24.48	22.68	0.185	30.00	-7.32
	64-QAM	1717.5	-1.80	1 / 74	23.35	21.55	0.143	30.00	-8.45
	256-QAM	1747.5	-1.80	75 / 0	20.52	18.72	0.074	30.00	-11.28
20 MHz	QPSK	1720.0	-1.80	1 / 50	24.79	22.99	0.199	30.00	-7.01
		1732.5	-1.80	1 / 50	25.12	23.32	0.215	30.00	-6.68
		1745.0	-1.80	1 / 50	25.01	23.21	0.209	30.00	-6.79
	16-QAM	1732.5	-1.80	1 / 50	24.50	22.70	0.186	30.00	-7.30
	64-QAM	1732.5	-1.80	1 / 50	23.38	21.58	0.144	30.00	-8.42
	256-QAM	1745.0	-1.80	100 / 0	20.47	18.67	0.074	30.00	-11.33

Table 7-30. Antenna 1b EIRP Data (LTE Band 4)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 308 of 360

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NR Band n66

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	1712.5	-1.80	25 / 0	24.92	23.12	0.205	30.00	-6.88
		1745.0	-1.80	25 / 0	25.05	23.25	0.211	30.00	-6.75
		1777.5	-1.80	25 / 0	25.03	23.23	0.210	30.00	-6.77
	QPSK	1712.5	-1.80	1 / 24	24.95	23.15	0.207	30.00	-6.85
		1745.0	-1.80	1 / 24	25.05	23.25	0.211	30.00	-6.75
		1777.5	-1.80	1 / 1	24.99	23.19	0.208	30.00	-6.81
	16-QAM	1777.5	-1.80	1 / 1	23.87	22.07	0.161	30.00	-7.93
	64-QAM	1777.5	-1.80	25 / 0	23.10	21.30	0.135	30.00	-8.70
256-QAM	1745.0	-1.80	25 / 0	21.13	19.33	0.086	30.00	-10.67	
10 MHz	π/2 BPSK	1715.0	-1.80	50 / 0	25.05	23.25	0.211	30.00	-6.75
		1745.0	-1.80	50 / 0	25.10	23.30	0.214	30.00	-6.70
		1775.0	-1.80	50 / 0	25.11	23.31	0.214	30.00	-6.69
	QPSK	1715.0	-1.80	1 / 1	24.96	23.16	0.207	30.00	-6.84
		1745.0	-1.80	1 / 25	25.23	23.43	0.220	30.00	-6.57
		1775.0	-1.80	1 / 1	25.00	23.20	0.209	30.00	-6.80
	16-QAM	1775.0	-1.80	1 / 25	23.95	22.15	0.164	30.00	-7.85
	64-QAM	1775.0	-1.80	50 / 0	23.12	21.32	0.136	30.00	-8.68
256-QAM	1745.0	-1.80	50 / 0	21.16	19.36	0.086	30.00	-10.64	
15 MHz	π/2 BPSK	1717.5	-1.80	75 / 0	24.93	23.13	0.206	30.00	-6.87
		1745.0	-1.80	75 / 0	25.01	23.21	0.209	30.00	-6.79
		1772.5	-1.80	75 / 0	25.01	23.21	0.209	30.00	-6.79
	QPSK	1717.5	-1.80	1 / 77	24.99	23.19	0.208	30.00	-6.81
		1745.0	-1.80	1 / 77	24.99	23.19	0.208	30.00	-6.81
		1772.5	-1.80	1 / 1	25.00	23.20	0.209	30.00	-6.80
	16-QAM	1772.5	-1.80	1 / 77	23.80	22.00	0.158	30.00	-8.00
	64-QAM	1772.5	-1.80	75 / 0	23.10	21.30	0.135	30.00	-8.70
256-QAM	1772.5	-1.80	75 / 0	21.06	19.26	0.084	30.00	-10.74	
20 MHz	π/2 BPSK	1720.0	-1.80	100 / 0	24.90	23.10	0.204	30.00	-6.90
		1745.0	-1.80	100 / 0	25.04	23.24	0.211	30.00	-6.76
		1770.0	-1.80	1 / 104	25.04	23.24	0.211	30.00	-6.76
	QPSK	1720.0	-1.80	1 / 104	24.95	23.15	0.207	30.00	-6.85
		1745.0	-1.80	1 / 1	25.01	23.21	0.209	30.00	-6.79
		1770.0	-1.80	1 / 1	25.01	23.21	0.209	30.00	-6.79
	16-QAM	1745.0	-1.80	1 / 1	23.84	22.04	0.160	30.00	-7.96
	64-QAM	1745.0	-1.80	100 / 0	23.08	21.28	0.134	30.00	-8.72
256-QAM	1745.0	-1.80	100 / 0	21.07	19.27	0.085	30.00	-10.73	
25 MHz	π/2 BPSK	1722.5	-1.80	1 / 131	24.93	23.13	0.206	30.00	-6.87
		1745.0	-1.80	128 / 0	25.06	23.26	0.212	30.00	-6.74
		1767.5	-1.80	128 / 0	25.03	23.23	0.210	30.00	-6.77
	QPSK	1722.5	-1.80	1 / 131	24.93	23.13	0.206	30.00	-6.87
		1745.0	-1.80	1 / 64	24.95	23.15	0.207	30.00	-6.85
		1767.5	-1.80	1 / 64	24.94	23.14	0.206	30.00	-6.86
	16-QAM	1767.5	-1.80	1 / 64	23.77	21.97	0.157	30.00	-8.03
	64-QAM	1745.0	-1.80	128 / 0	23.13	21.33	0.136	30.00	-8.67
256-QAM	1745.0	-1.80	128 / 0	21.11	19.31	0.085	30.00	-10.69	
30 MHz	π/2 BPSK	1725.0	-1.80	160 / 0	24.93	23.13	0.206	30.00	-6.87
		1745.0	-1.80	160 / 0	25.04	23.24	0.211	30.00	-6.76
		1765.0	-1.80	160 / 0	25.01	23.21	0.209	30.00	-6.79
	QPSK	1725.0	-1.80	1 / 158	24.99	23.19	0.208	30.00	-6.81
		1745.0	-1.80	1 / 80	25.17	23.37	0.217	30.00	-6.63
		1765.0	-1.80	1 / 1	24.97	23.17	0.207	30.00	-6.83
	16-QAM	1745.0	-1.80	1 / 158	23.84	22.04	0.160	30.00	-7.96
	64-QAM	1745.0	-1.80	160 / 0	23.08	21.28	0.134	30.00	-8.72
256-QAM	1765.0	-1.80	160 / 0	21.08	19.28	0.085	30.00	-10.72	
35 MHz	π/2 BPSK	1727.5	-1.80	1 / 90	24.99	23.19	0.208	30.00	-6.81
		1745.0	-1.80	180 / 0	25.03	23.23	0.210	30.00	-6.77
		1762.5	-1.80	180 / 0	25.05	23.25	0.211	30.00	-6.75
	QPSK	1725.0	-1.80	1 / 1	24.86	23.06	0.202	30.00	-6.94
		1745.0	-1.80	1 / 1	24.95	23.15	0.207	30.00	-6.85
		1765.0	-1.80	1 / 1	24.95	23.15	0.207	30.00	-6.85
	16-QAM	1745.0	-1.80	1 / 1	23.72	21.92	0.156	30.00	-8.08
	64-QAM	1745.0	-1.80	180 / 0	23.04	21.24	0.133	30.00	-8.76
256-QAM	1765.0	-1.80	180 / 0	21.07	19.27	0.085	30.00	-10.73	
40 MHz	π/2 BPSK	1730.0	-1.80	1 / 214	25.05	23.25	0.211	30.00	-6.75
		1745.0	-1.80	1 / 214	25.04	23.24	0.211	30.00	-6.76
		1760.0	-1.80	216 / 0	25.06	23.26	0.212	30.00	-6.74
	QPSK	1730.0	-1.80	1 / 214	25.06	23.26	0.212	30.00	-6.74
		1745.0	-1.80	1 / 214	24.94	23.14	0.206	30.00	-6.86
		1760.0	-1.80	1 / 214	25.08	23.28	0.213	30.00	-6.72
	16-QAM	1730.0	-1.80	1 / 108	23.90	22.10	0.162	30.00	-7.90
	64-QAM	1760.0	-1.80	216 / 0	23.12	21.32	0.136	30.00	-8.68
256-QAM	1760.0	-1.80	216 / 0	21.12	19.32	0.086	30.00	-10.68	
45 MHz	π/2 BPSK	1732.5	-1.80	1 / 120	25.14	23.34	0.216	30.00	-6.66
		1745.0	-1.80	240 / 0	25.07	23.27	0.212	30.00	-6.73
		1757.5	-1.80	240 / 0	25.13	23.33	0.215	30.00	-6.67
	QPSK	1732.5	-1.80	1 / 120	25.01	23.21	0.209	30.00	-6.79
		1745.0	-1.80	1 / 120	25.08	23.28	0.213	30.00	-6.72
		1757.5	-1.80	1 / 120	25.17	23.37	0.217	30.00	-6.63
	16-QAM	1757.5	-1.80	1 / 1	23.82	22.02	0.159	30.00	-7.98
	64-QAM	1757.5	-1.80	240 / 0	23.09	21.29	0.135	30.00	-8.71
256-QAM	1745.0	-1.80	240 / 0	21.15	19.35	0.086	30.00	-10.65	

Table 7-31. Antenna 1b EIRP Data (NR Band n66)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 309 of 360

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NR Band n70

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	1697.5	-1.60	25 / 0	25.34	23.74	0.237	30.00	-6.26
		1702.5	-1.60	25 / 0	25.34	23.74	0.237	30.00	-6.26
		1707.5	-1.60	25 / 0	25.33	23.73	0.236	30.00	-6.27
	QPSK	1697.5	-1.60	1 / 12	25.30	23.70	0.234	30.00	-6.30
		1702.5	-1.60	1 / 1	25.30	23.70	0.234	30.00	-6.30
		1707.5	-1.60	1 / 1	25.32	23.72	0.236	30.00	-6.28
	16-QAM	1707.5	-1.60	1 / 1	24.17	22.57	0.181	30.00	-7.43
	64-QAM	1702.5	-1.60	25 / 0	23.42	21.82	0.152	30.00	-8.18
	256-QAM	1702.5	-1.60	25 / 0	21.42	19.82	0.096	30.00	-10.18
10 MHz	$\pi/2$ BPSK	1700.0	-1.60	50 / 0	25.28	23.68	0.233	30.00	-6.32
		1702.5	-1.60	50 / 0	25.38	23.78	0.239	30.00	-6.22
		1705.0	-1.60	50 / 0	25.40	23.80	0.240	30.00	-6.20
	QPSK	1700.0	-1.60	1 / 50	25.32	23.72	0.236	30.00	-6.28
		1702.5	-1.60	1 / 50	25.32	23.72	0.236	30.00	-6.28
		1705.0	-1.60	1 / 50	25.31	23.71	0.235	30.00	-6.29
	16-QAM	1702.5	-1.60	1 / 1	24.19	22.59	0.182	30.00	-7.41
	64-QAM	1702.5	-1.60	50 / 0	23.40	21.80	0.151	30.00	-8.20
15 MHz	256-QAM	1702.5	-1.60	50 / 0	21.47	19.87	0.097	30.00	-10.13
	$\pi/2$ BPSK	1702.5	-1.60	75 / 0	25.32	23.72	0.236	30.00	-6.28
	QPSK	1702.5	-1.60	1 / 77	25.30	23.70	0.234	30.00	-6.30
	16-QAM	1702.5	-1.60	1 / 77	24.12	22.52	0.179	30.00	-7.48
	64-QAM	1702.5	-1.60	75 / 0	23.43	21.83	0.152	30.00	-8.17
	256-QAM	1702.5	-1.60	75 / 0	21.41	19.81	0.096	30.00	-10.19

Table 7-32. Antenna 1b EIRP Data (NR Band n70)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	25.53	-1.80	23.73	0.236	30.00	-6.27
1732.60	WCDMA1700	25.48	-1.80	23.68	0.233	30.00	-6.32
1752.60	WCDMA1700	25.49	-1.80	23.69	0.234	30.00	-6.31

Table 7-33. Antenna 1b EIRP Data (WCDMA AWS)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device	Page 311 of 360

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7.7 Radiated Spurious Emissions

\$2.1053, \$27.53(f)

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

ANSI C63.26 2015, TIA-603-E-2016 – Section 2.2.12

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

FCC ID: BCGA3460		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Test Setup

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

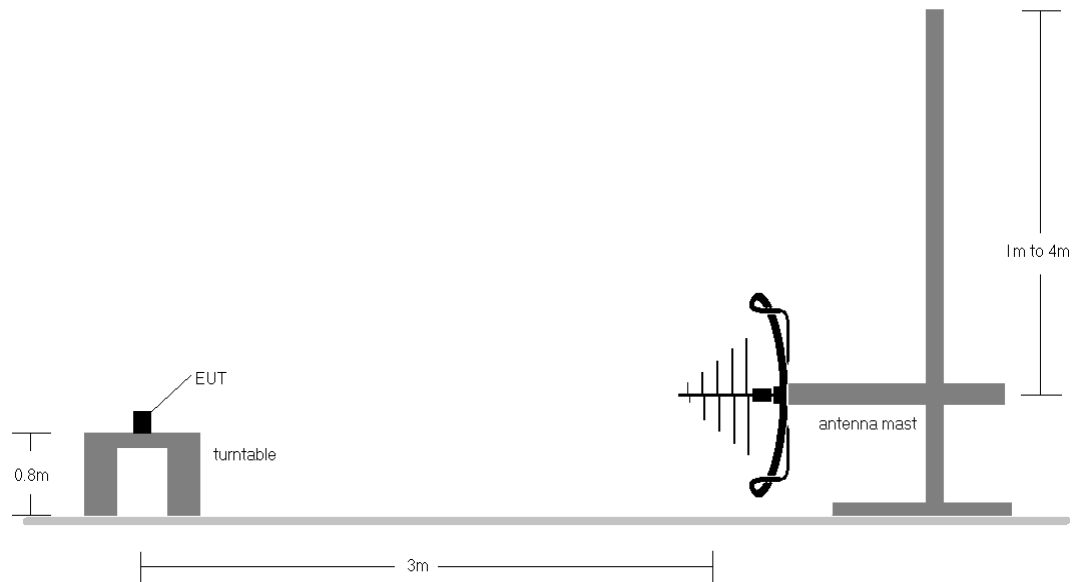


Figure 7-11. Test Instrument & Measurement Setup < 1GHz

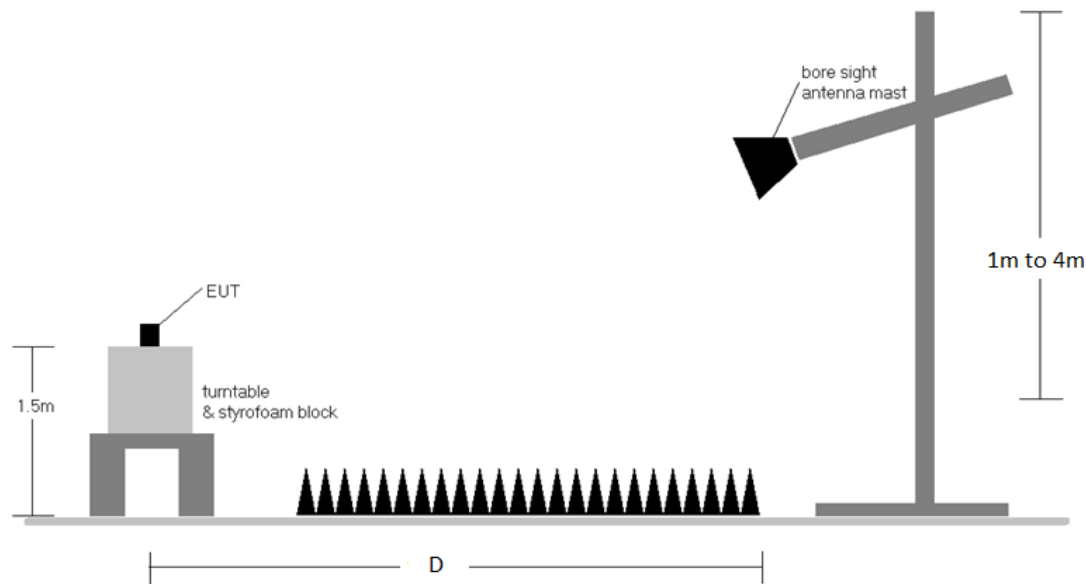


Figure 7-12. Test Instrument & Measurement Setup > 1GHz

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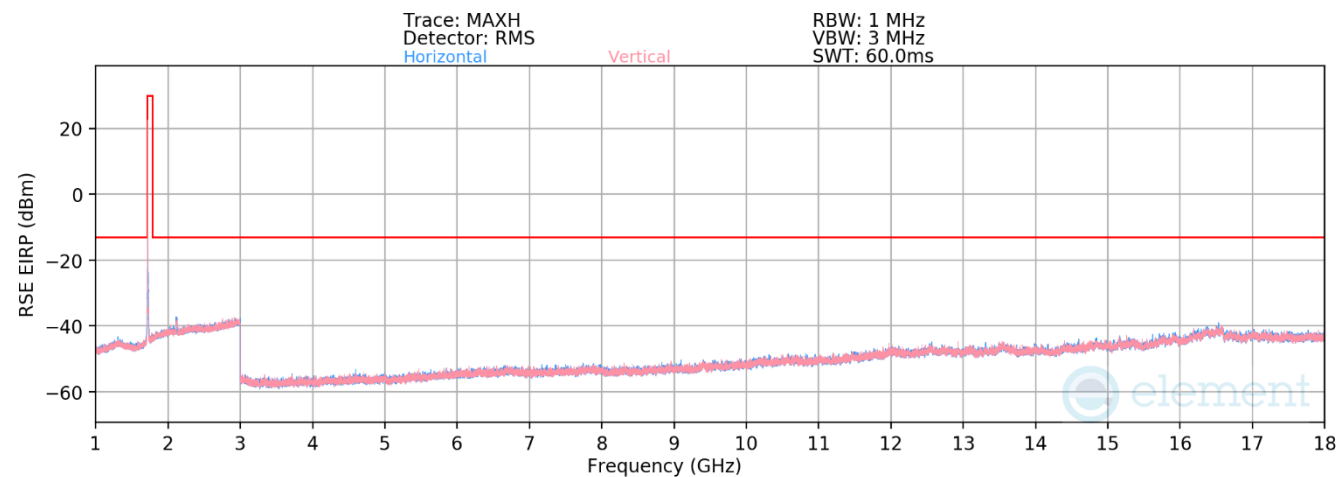
Test Notes

1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 D01 v03r01 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
3. This unit was tested with its standard battery.
4. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
5. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters 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. 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.
8. 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.
9. This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest power is reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
10. 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 Measurement



Plot 7-492. Antenna 4 Radiated Spurious Emission above 1GHz (LTE Band 66/4)

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Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device
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Bandwidth (MHz):	20
Frequency (MHz):	1720.0
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]
3440.0	V	329	224	-75.21	4.06	35.86	-59.40	-13.00	-46.40
5160.0	V	-	-	-80.44	7.41	33.97	-61.28	-13.00	-48.28
6880.0	V	-	-	-81.48	10.49	36.01	-59.25	-13.00	-46.25
8600.0	V	-	-	-81.30	10.47	36.17	-59.09	-13.00	-46.09

Table 7-34. Antenna 4 Radiated Spurious Data (LTE Band 66/4 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1745.0
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]
3490.0	V	-	-	-78.71	4.11	32.40	-62.85	-13.00	-49.85
5235.0	H	-	-	-80.44	7.43	34.00	-61.26	-13.00	-48.26
6980.0	H	-	-	-81.26	10.49	36.22	-59.04	-13.00	-46.04

Table 7-35. Antenna 4 Radiated Spurious Data (LTE Band 66/4 – Mid Channel)

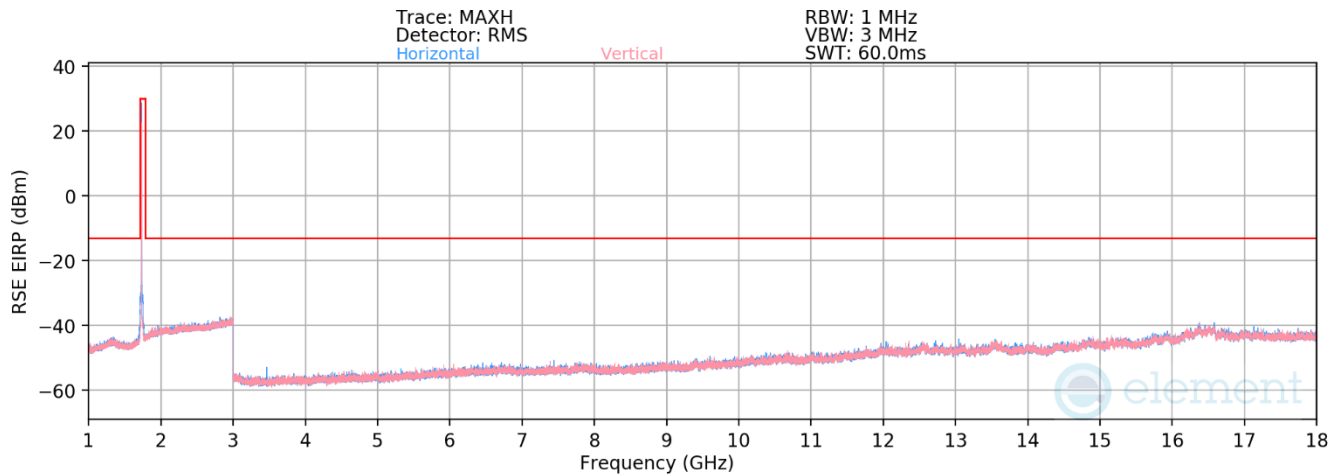
Bandwidth (MHz):	20
Frequency (MHz):	1770.0
RB / Offset:	1 / 50

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]
3540.0	V	-	-	-78.61	4.27	32.66	-62.60	-13.00	-49.60
5310.0	V	-	-	-80.13	7.47	34.34	-60.91	-13.00	-47.91
7080.0	V	-	-	-81.24	10.38	36.14	-59.12	-13.00	-46.12

Table 7-36. Antenna 4 Radiated Spurious Data (LTE Band 66/4 – High Channel)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66



Plot 7-493. Antenna 4 Radiated Spurious Emission above 1GHz (NR Band n66)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	45
Frequency (MHz):	1872.5
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3745.0	V	300	224	-75.18	4.11	35.93	-59.33	-13.00	-46.33
5617.5	V	-	-	-80.43	7.41	33.98	-61.28	-13.00	-48.28
7490.0	V	-	-	-81.53	10.49	35.96	-59.30	-13.00	-46.30
9362.5	H	-	-	-81.41	10.81	36.39	-58.87	-13.00	-45.87

Table 7-37. Antenna 4 Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1880.0
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	V	-	-	-78.54	4.00	32.46	-62.80	-13.00	-49.80
5640.0	H	-	-	-80.45	7.49	34.03	-61.22	-13.00	-48.22
7520.0	V	-	-	-81.60	10.53	35.93	-59.33	-13.00	-46.33

Table 7-38. Antenna 4 Radiated Spurious Data (NR Band n66 – Mid Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1887.5
RB / Offset:	1 / 120

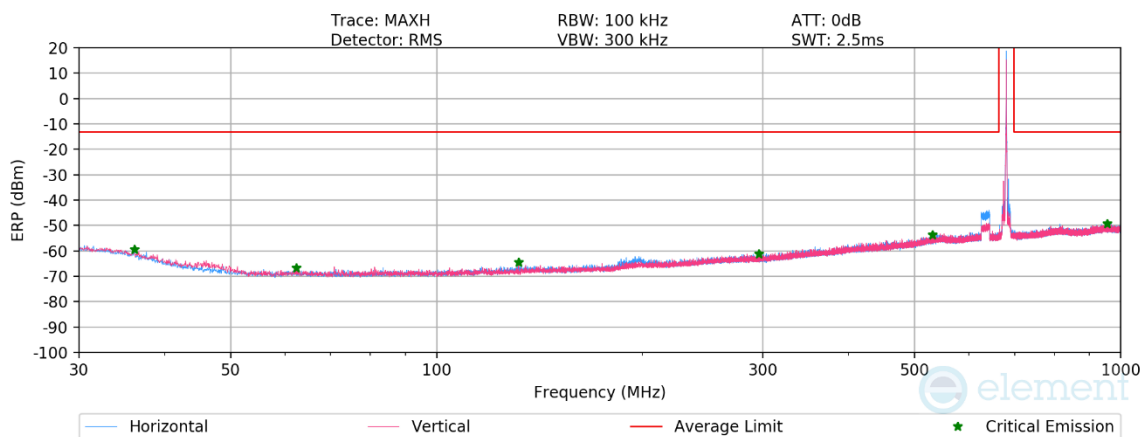
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3775.0	V	-	-	-78.77	4.15	32.38	-62.87	-13.00	-49.87
5662.5	V	-	-	-80.48	7.43	33.96	-61.30	-13.00	-48.30
7550.0	H	-	-	-81.33	10.35	36.01	-59.24	-13.00	-46.24

Table 7-39. Antenna 4 Radiated Spurious Data (NR Band n66 – High Channel)

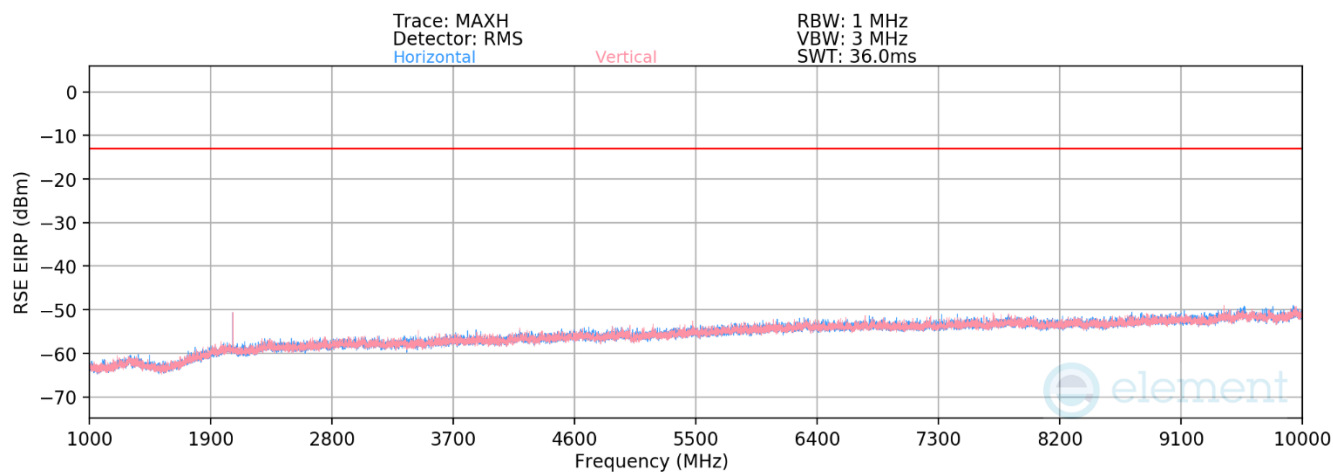
FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 71



Plot 7-494. Antenna 4 Radiated Spurious Emission below 1GHz (LTE Band 71)



Plot 7-495. Antenna 4 Radiated Spurious Emission above 1GHz (LTE Band 71)

FCC ID: BCGA3460	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Bandwidth (MHz):	20
Frequency (MHz):	673.0
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]
1346.0	H	135	133	-71.99	-1.58	33.43	-61.83	-13.00	-48.83
2019.0	H	-	-	-77.58	1.39	30.81	-64.45	-13.00	-51.45
2692.0	H	-	-	-78.15	2.45	31.30	-63.96	-13.00	-50.96
3365.0	H	-	-	-78.70	3.72	32.01	-63.24	-13.00	-50.24

Table 7-40. Antenna 4 Radiated Spurious Data (LTE Band 71 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	680.5
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]
1361.0	H	133	192	-73.33	-1.71	31.96	-63.30	-13.00	-50.30
2041.5	V	-	-	-77.30	1.36	31.06	-64.20	-13.00	-51.20
2722.0	H	-	-	-77.91	2.91	31.99	-63.26	-13.00	-50.26
3402.5	V	-	-	-78.81	3.72	31.91	-63.35	-13.00	-50.35

Table 7-41. Antenna 4 Radiated Spurious Data (LTE Band 71 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	688.0
RB / Offset:	1 / 50

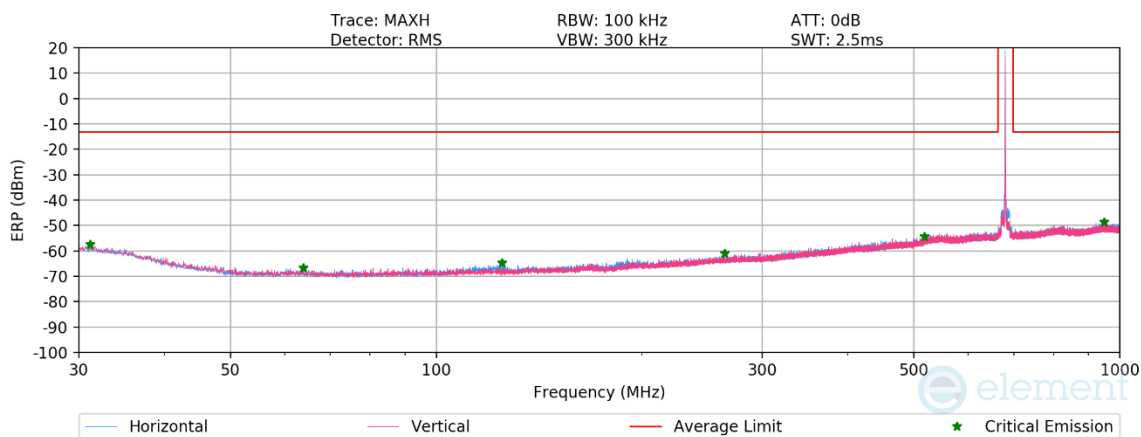
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.0	H	187	341	-76.20	-1.74	29.06	-66.20	-13.00	-53.20
2064.0	V	-	-	-77.68	1.39	30.71	-64.55	-13.00	-51.55
2752.0	H	-	-	-77.73	2.86	32.13	-63.13	-13.00	-50.13
3440.0	H	-	-	-78.69	3.85	32.16	-63.10	-13.00	-50.10

Table 7-42. Antenna 4 Radiated Spurious Data (LTE Band 71 – High Channel)

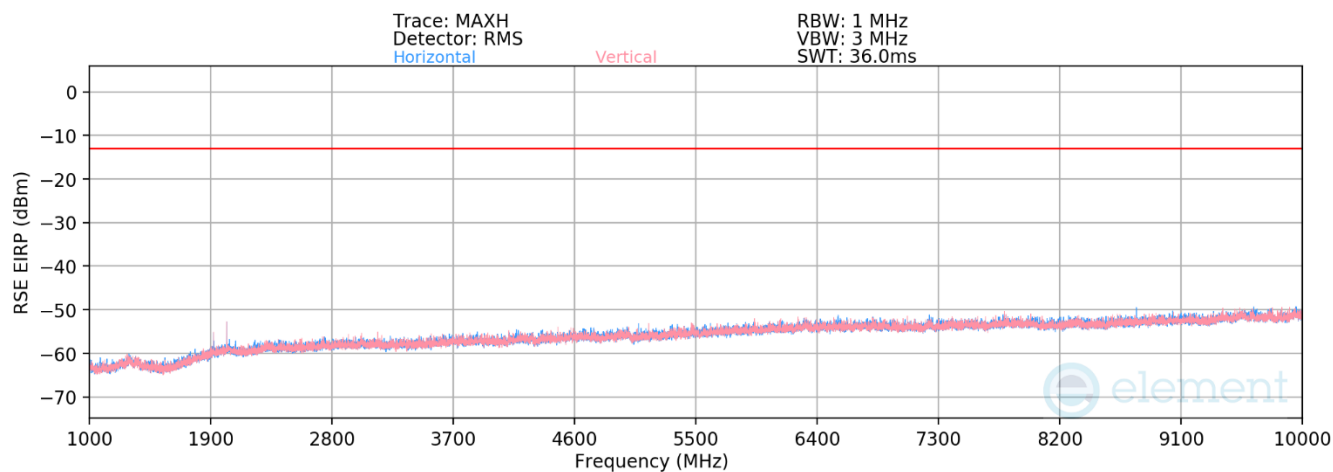
FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n71



Plot 7-496. Antenna 4 Radiated Spurious Emission below 1GHz (NR Band n71)



Plot 7-497. Antenna 4 Radiated Spurious Emission above 1GHz (NR Band n71)

FCC ID: BCGA3460		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Bandwidth (MHz):	20
Frequency (MHz):	673.0
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]
1346.0	H	126	178	-71.62	-1.58	33.80	-61.46	-13.00	-48.46
2019.0	H	-	-	-77.80	1.36	30.56	-64.70	-13.00	-51.70
2692.0	V	-	-	-78.41	2.67	31.27	-63.99	-13.00	-50.99
3365.0	H	-	-	-78.60	3.72	32.11	-63.14	-13.00	-50.14

Table 7-43. Antenna 4 Radiated Spurious Data (NR Band n71 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	680.5
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]
1361.0	H	121	138	-70.07	-1.71	35.22	-60.04	-13.00	-47.04
2041.5	V	-	-	-77.75	1.39	30.64	-64.61	-13.00	-51.61
2722.0	V	-	-	-78.17	2.91	31.73	-63.53	-13.00	-50.53
3402.5	H	-	-	-78.56	3.72	32.16	-63.10	-13.00	-50.10

Table 7-44. Antenna 4 Radiated Spurious Data (NR Band n71 – Mid Channel)

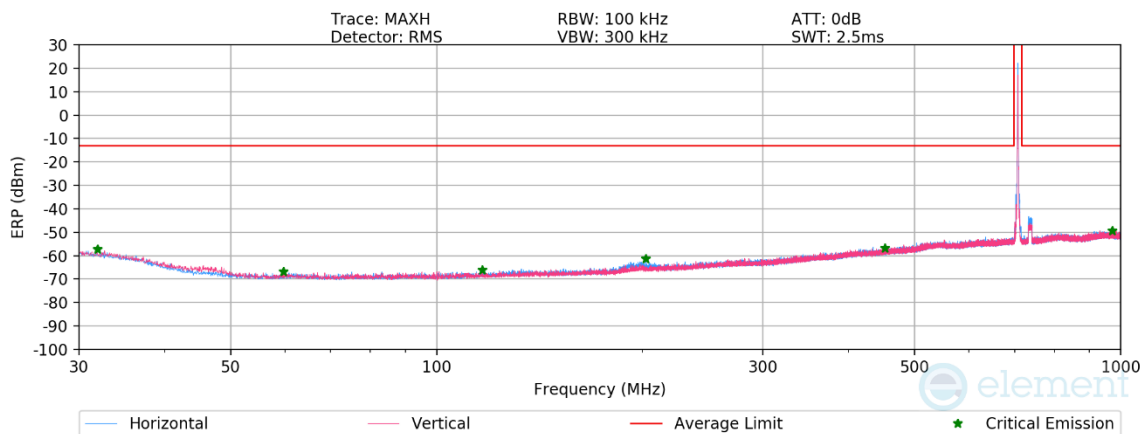
Bandwidth (MHz):	20
Frequency (MHz):	688.0
RB / Offset:	1 / 50

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]
1376.0	H	246	298	-74.67	-1.74	30.59	-64.66	-13.00	-51.66
2064.0	V	-	-	-77.78	1.39	30.61	-64.65	-13.00	-51.65
2752.0	V	-	-	-78.02	2.91	31.88	-63.37	-13.00	-50.37
3440.0	V	-	-	-78.64	3.85	32.21	-63.05	-13.00	-50.05

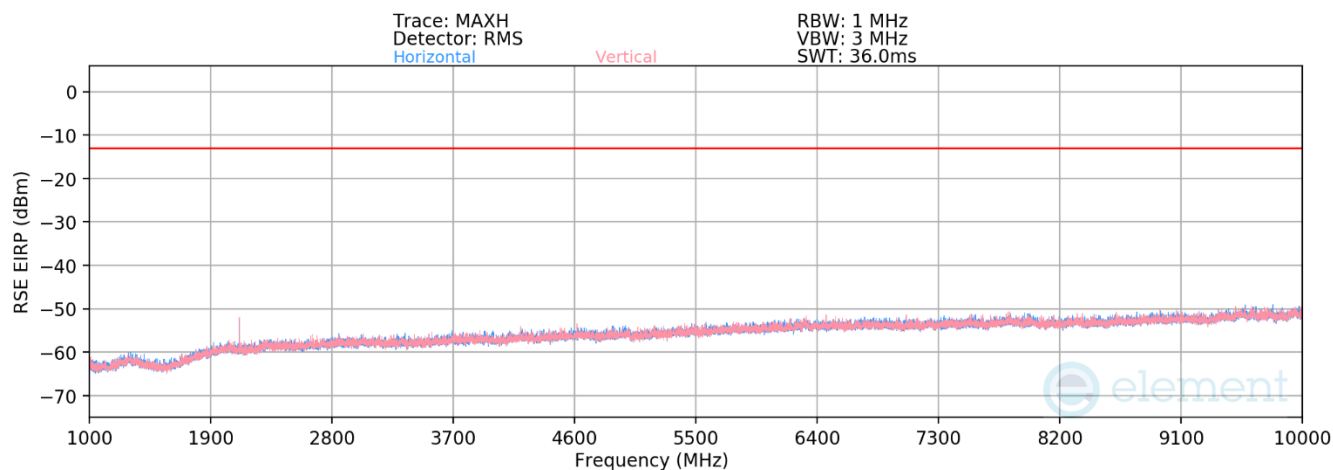
Table 7-45. Antenna 4 Radiated Spurious Data (NR Band n71 – High Channel)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 12/17



Plot 7-498. Antenna 4 Radiated Spurious Emission below 1GHz (LTE Band 12/17)



Plot 7-499. Antenna 4 Radiated Spurious Emission above 1GHz (LTE Band 12/17)

FCC ID: BCGA3460		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2509100080-09-R3.BCG	Test Dates: 07/01/2025 - 10/23/2025	EUT Type: Tablet Device		Page 323 of 360

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Bandwidth (MHz):	10
Frequency (MHz):	704.0
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]
1408.0	H	145	138	-71.40	-2.61	32.99	-62.26	-13.00	-49.26
2112.0	H	-	-	-78.01	1.39	30.38	-64.88	-13.00	-51.88
2816.0	H	-	-	-77.96	2.90	31.94	-63.32	-13.00	-50.32
3520.0	V	-	-	-78.57	3.66	32.09	-63.16	-13.00	-50.16

Table 7-46. Antenna 4 Radiated Spurious Data (LTE Band 12/17 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	707.5
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.0	H	-	-	-77.21	-2.60	27.19	-68.07	-13.00	-55.07
2122.5	H	-	-	-77.93	1.07	30.14	-65.11	-13.00	-52.11
2830.0	H	-	-	-78.16	2.90	31.74	-63.52	-13.00	-50.52

Table 7-47. Antenna 4 Radiated Spurious Data (LTE Band 12/17 – Mid Channel)

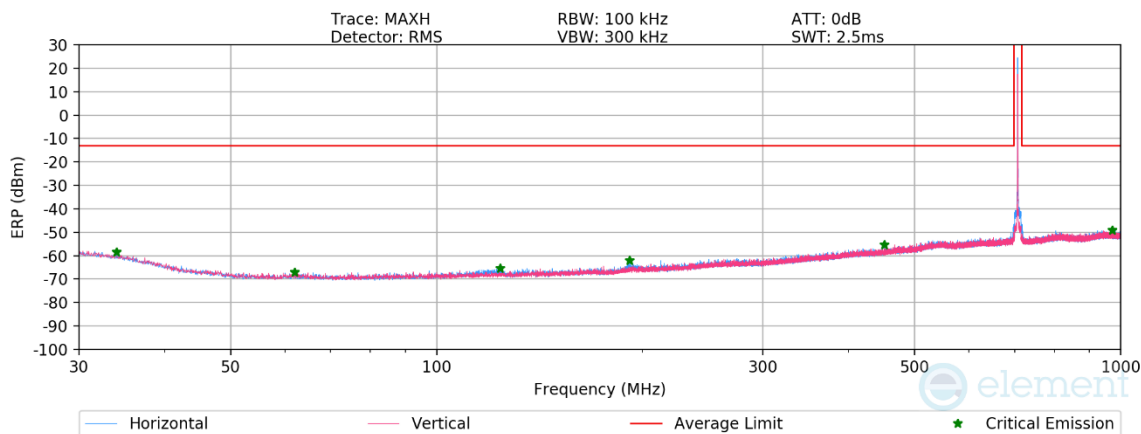
Bandwidth (MHz):	10
Frequency (MHz):	711.0
RB / Offset:	1 / 25

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]
1422.0	H	232	250	-73.97	-2.60	30.43	-64.83	-13.00	-51.83
2133.0	V	-	-	-77.52	0.95	30.43	-64.83	-13.00	-51.83
2844.0	H	-	-	-78.05	2.84	31.79	-63.46	-13.00	-50.46
3555.0	V	-	-	-78.91	4.06	32.15	-63.11	-13.00	-50.11

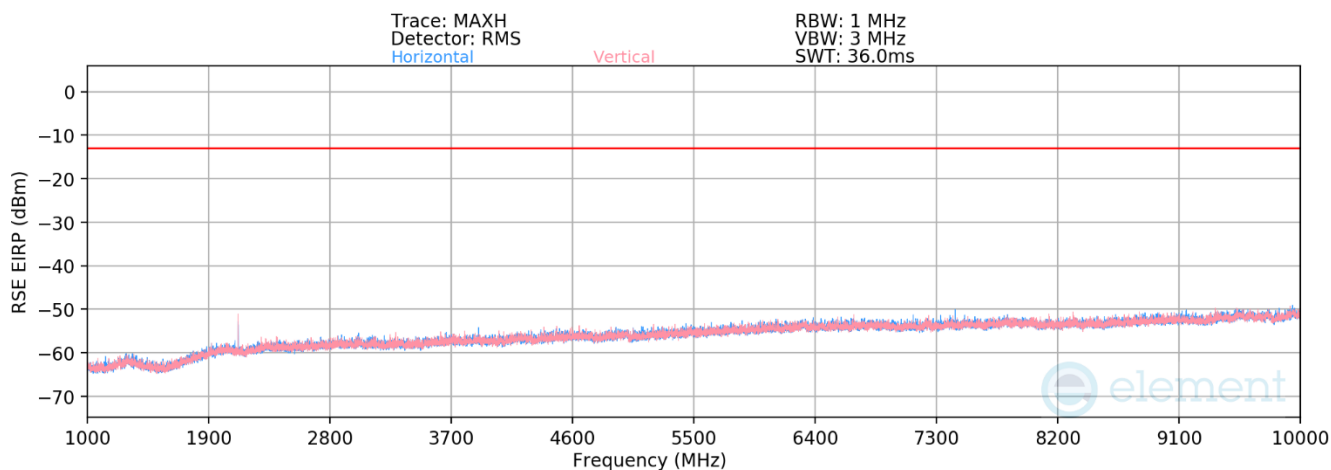
Table 7-48. Antenna 4 Radiated Spurious Data (LTE Band 12/17 – High Channel)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n12



Plot 7-500. Antenna 4 Radiated Spurious Emission below 1GHz (NR Band n12)



Plot 7-501. Antenna 4 Radiated Spurious Emission above 1GHz (NR Band n12)

FCC ID: BCGA3460	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	15
Frequency (MHz):	706.5
RB / Offset:	1 / 37

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1413.0	H	157	185	-70.40	-2.60	34.00	-61.25	-13.00	-48.25
2119.5	V	-	-	-77.98	1.07	30.09	-65.17	-13.00	-52.17
2826.0	H	-	-	-78.09	2.90	31.81	-63.44	-13.00	-50.44
3532.5	V	-	-	-78.50	3.83	32.33	-62.93	-13.00	-49.93

Table 7-49. Antenna 4 Radiated Spurious Data (NR Band n12 – Low Channel)

Bandwidth (MHz):	15
Frequency (MHz):	707.5
RB / Offset:	1 / 37

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.0	H	153	186	-70.32	-2.60	34.08	-61.18	-13.00	-48.18
2122.5	H	-	-	-77.88	1.07	30.19	-65.07	-13.00	-52.07
2830.0	V	-	-	-77.98	2.84	31.86	-63.40	-13.00	-50.40
3537.5	V	-	-	-78.84	4.06	32.22	-63.04	-13.00	-50.04

Table 7-50. Antenna 4 Radiated Spurious Data (NR Band n12 – Mid Channel)

Bandwidth (MHz):	15
Frequency (MHz):	708.5
RB / Offset:	1 / 37

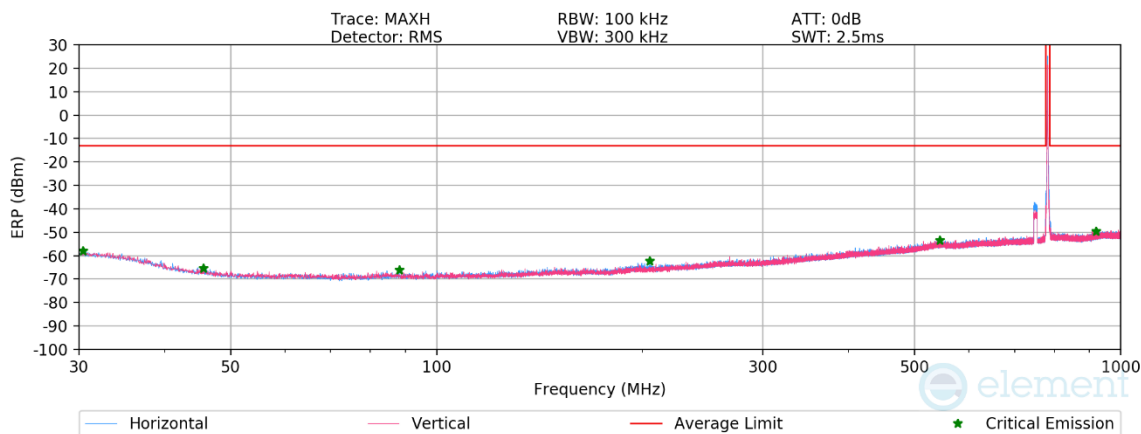
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1417.0	H	180	133	-70.40	-2.60	34.00	-61.26	-13.00	-48.26
2125.5	H	-	-	-78.02	1.13	30.12	-65.14	-13.00	-52.14
2834.0	V	-	-	-78.03	2.84	31.81	-63.45	-13.00	-50.45
3542.5	V	-	-	-78.99	4.06	32.07	-63.19	-13.00	-50.19

Table 7-51. Antenna 4 Radiated Spurious Data (NR Band n12 – High Channel)

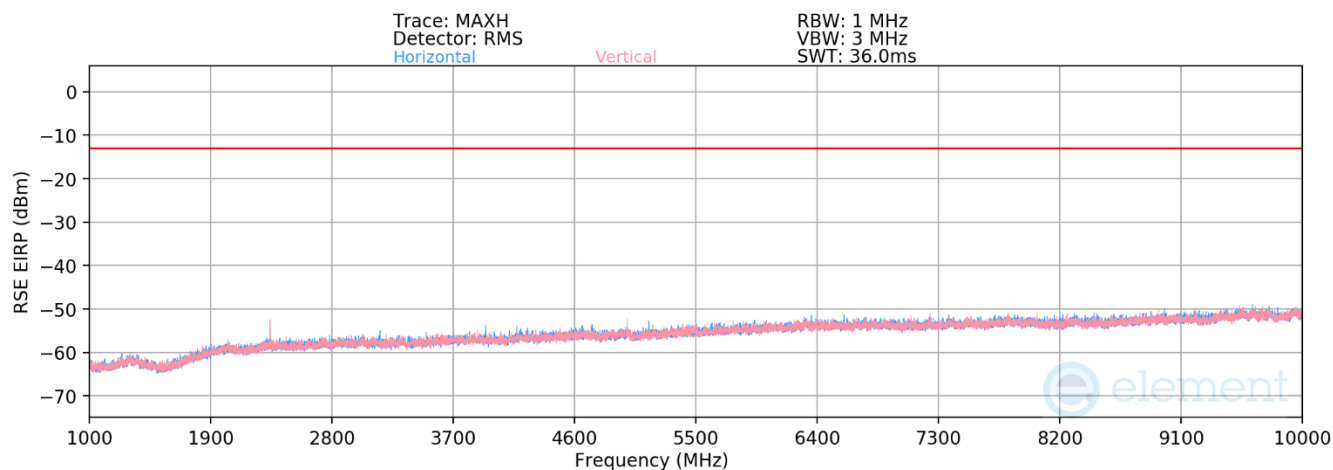
FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 13



Plot 7-502. Antenna 4 Radiated Spurious Emission below 1GHz (LTE Band 13)



Plot 7-503. Antenna 4 Radiated Spurious Emission above 1GHz (LTE Band 13)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	5
Frequency (MHz):	779.5
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]
1559.0	V	-	-	-76.90	-3.23	26.86	-68.39	-40.00	-28.39
2338.5	H	-	-	-77.54	2.38	31.85	-63.41	-13.00	-50.41
3118.0	V	-	-	-78.94	4.08	32.14	-63.12	-13.00	-50.12

Table 7-52. Antenna 4 Radiated Spurious Data (LTE Band 13 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	782.0
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]
1564.0	V	-	-	-76.54	-3.23	27.23	-68.03	-40.00	-28.03
2346.0	V	-	-	-78.03	2.49	31.46	-63.80	-13.00	-50.80
3128.0	H	-	-	-78.86	4.08	32.22	-63.03	-13.00	-50.03

Table 7-53. Antenna 4 Radiated Spurious Data (LTE Band 13 – Mid Channel)

Bandwidth (MHz):	5
Frequency (MHz):	784.5
RB / Offset:	1 / 12

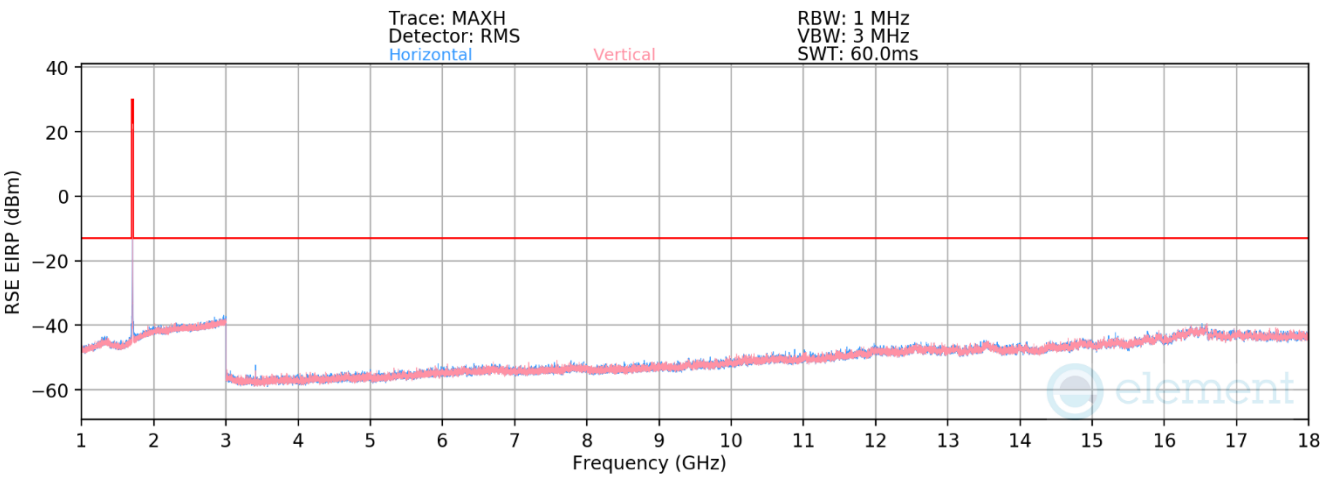
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1569.0	H	157	350	-73.78	-3.15	30.07	-65.19	-40.00	-25.19
2353.5	V	-	-	-78.13	2.53	31.39	-63.86	-13.00	-50.86
3138.0	H	-	-	-78.59	4.02	32.43	-62.83	-13.00	-49.83
3922.5	H	-	-	-79.02	4.95	32.93	-62.33	-13.00	-49.33

Table 7-54. Antenna 4 Radiated Spurious Data (LTE Band 13 – High Channel)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n70



Plot 7-504. Antenna 4 Radiated Spurious Emission above 1GHz (NR Band n70)

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Bandwidth (MHz):	10
Frequency (MHz):	1700.0
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]
3400.0	V	304	220	-74.11	4.26	37.15	-58.10	-13.00	-45.10
5100.0	V	-	-	-80.39	7.17	33.78	-61.48	-13.00	-48.48
6800.0	H	-	-	-81.32	10.54	36.22	-59.04	-13.00	-46.04
8500.0	V	-	-	-81.03	10.49	36.45	-58.80	-13.00	-45.80

Table 7-55. Antenna 4 Radiated Spurious Data (NR Band n70 – Low Channel)

Bandwidth (MHz):	15
Frequency (MHz):	1702.5
RB / Offset:	1 / 36

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3405.0	V	301	222	-74.05	4.05	37.00	-58.25	-13.00	-45.25
5107.5	V	-	-	-80.35	7.21	33.86	-61.40	-13.00	-48.40
6810.0	H	-	-	-81.27	10.31	36.04	-59.22	-13.00	-46.22
8512.5	V	-	-	-81.08	10.49	36.41	-58.85	-13.00	-45.85

Table 7-56. Antenna 4 Radiated Spurious Data (NR Band n70 – Mid Channel)

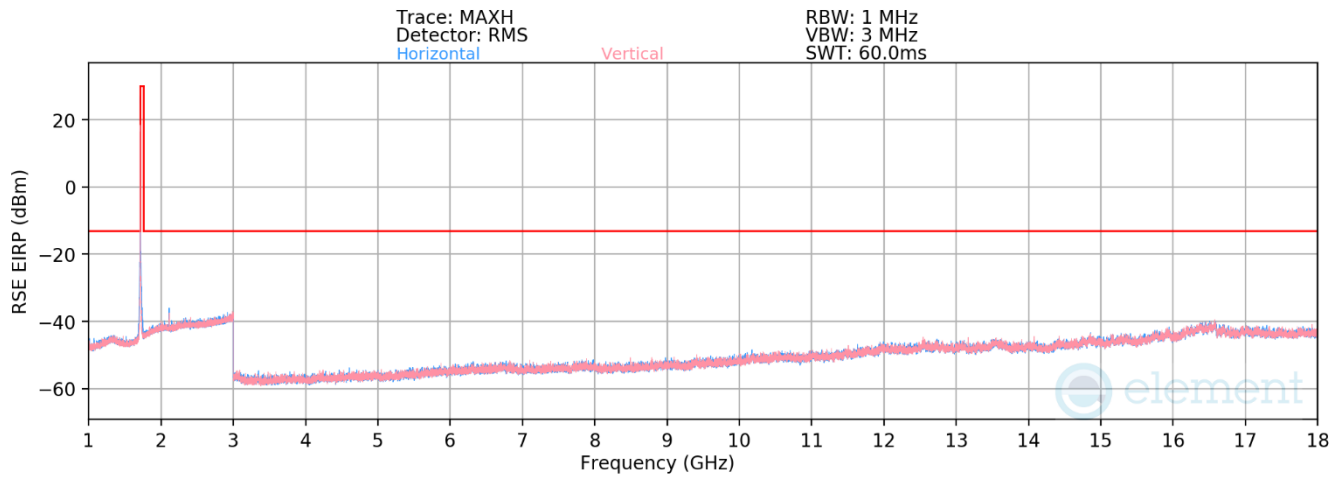
Bandwidth (MHz):	10
Frequency (MHz):	1705.0
RB / Offset:	1 / 25

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]
3410.0	V	274	221	-73.63	4.05	37.42	-57.83	-13.00	-44.83
5115.0	V	-	-	-80.19	7.23	34.04	-61.21	-13.00	-48.21
6820.0	H	-	-	-81.41	10.54	36.13	-59.13	-13.00	-46.13
8525.0	H	-	-	-81.24	10.45	36.20	-59.05	-13.00	-46.05

Table 7-57. Antenna 4 Radiated Spurious Data (NR Band n70 – High Channel)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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WCDMA AWS



Plot 7-505. Antenna 4 Radiated Spurious Emission above 1GHz (WCDMA AWS)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode:	WCDMA RMC
Channel:	1312
Frequency (MHz):	1712.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3424.8	V	282	219	-77.59	4.03	33.43	-61.83	-13.00	-48.83
5137.2	-	-	-	-80.27	7.23	33.96	-61.30	-13.00	-48.30
6849.6	-	-	-	-81.68	10.54	35.86	-59.40	-13.00	-46.40
8562.0	-	-	-	-81.52	10.39	35.87	-59.39	-13.00	-46.39

Table 7-58. Antenna 4 Radiated Spurious Data (WCDMA AWS – Low Channel)

Mode:	WCDMA RMC
Channel:	1413
Frequency (MHz):	1732.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.2	V	295	229	-78.45	4.13	32.68	-62.58	-13.00	-49.58
5197.8	-	-	-	-80.63	7.41	33.78	-61.47	-13.00	-48.47
6930.4	-	-	-	-81.80	10.49	35.69	-59.57	-13.00	-46.57
8663.0	-	-	-	-81.46	10.81	36.35	-58.91	-13.00	-45.91

Table 7-59. Antenna 4 Radiated Spurious Data (WCDMA AWS – Mid Channel)

Mode:	WCDMA RMC
Channel:	1513
Frequency (MHz):	1752.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3505.2	-	-	-	-78.84	4.01	32.16	-63.10	-13.00	-50.10
5257.8	-	-	-	-80.57	7.49	33.92	-61.34	-13.00	-48.34
7010.4	-	-	-	-81.85	10.53	35.67	-59.58	-13.00	-46.58

Table 7-60. Antenna 4 Radiated Spurious Data (WCDMA AWS – High Channel)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.7.2 Antenna 2b – Radiated Spurious Emission Measurement

LTE Band 66/4

Bandwidth (MHz):	20
Frequency (MHz):	1720.0
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]
3440.0	V	-	-	-78.78	4.06	32.28	-62.98	-13.00	-49.98
5160.0	V	-	-	-80.29	7.41	34.12	-61.14	-13.00	-48.14
6880.0	H	-	-	-81.55	10.49	35.94	-59.31	-13.00	-46.31

Table 7-61. Antenna 2b Radiated Spurious Data (LTE Band 66/4 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1745.0
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]
3490.0	V	-	-	-78.66	4.01	32.35	-62.91	-13.00	-49.91
5235.0	H	-	-	-80.51	7.49	33.97	-61.28	-13.00	-48.28
6980.0	H	-	-	-81.46	10.49	36.02	-59.23	-13.00	-46.23

Table 7-62. Antenna 2b Radiated Spurious Data (LTE Band 66/4 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1770.0
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]
3540.0	H	-	-	-78.66	4.27	32.61	-62.65	-13.00	-49.65
5310.0	V	-	-	-80.31	7.47	34.16	-61.09	-13.00	-48.09
7080.0	H	-	-	-81.47	10.38	35.91	-59.35	-13.00	-46.35

Table 7-63. Antenna 2b Radiated Spurious Data (LTE Band 66/4 – High Channel)

FCC ID: BCGA3460		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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NR Band n66

Bandwidth (MHz):	45
Frequency (MHz):	1872.5
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3745.0	H	-	-	-78.81	4.13	32.32	-62.94	-13.00	-49.94
5617.5	V	-	-	-80.52	7.42	33.90	-61.36	-13.00	-48.36
7490.0	H	-	-	-81.66	10.49	35.83	-59.43	-13.00	-46.43

Table 7-64. Antenna 2b Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1880.0
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	H	-	-	-78.59	3.96	32.37	-62.89	-13.00	-49.89
5640.0	H	-	-	-80.35	7.49	34.13	-61.13	-13.00	-48.13
7520.0	V	-	-	-81.65	10.53	35.88	-59.38	-13.00	-46.38

Table 7-65. Antenna 2b Radiated Spurious Data (NR Band n66 – Mid Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1887.5
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3775.0	V	-	-	-78.67	4.09	32.42	-62.83	-13.00	-49.83
5662.5	H	-	-	-80.50	7.43	33.93	-61.33	-13.00	-48.33
7550.0	H	-	-	-81.45	10.38	35.93	-59.33	-13.00	-46.33

Table 7-66. Antenna 2b Radiated Spurious Data (NR Band n66 – High Channel)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n70

Bandwidth (MHz):	10
Frequency (MHz):	1700.0
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]
3400.0	V	304	220	-74.11	4.26	37.15	-58.10	-13.00	-45.10
5100.0	V	-	-	-80.39	7.17	33.78	-61.48	-13.00	-48.48
6800.0	H	-	-	-81.32	10.54	36.22	-59.04	-13.00	-46.04
8500.0	V	-	-	-81.03	10.49	36.45	-58.80	-13.00	-45.80

Table 7-67. Antenna 2b Radiated Spurious Data (NR Band n70 – Low Channel)

Bandwidth (MHz):	15
Frequency (MHz):	1702.5
RB / Offset:	1 / 36

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3405.0	V	301	222	-74.05	4.05	37.00	-58.25	-13.00	-45.25
5107.5	V	-	-	-80.35	7.21	33.86	-61.40	-13.00	-48.40
6810.0	H	-	-	-81.27	10.31	36.04	-59.22	-13.00	-46.22
8512.5	V	-	-	-81.08	10.49	36.41	-58.85	-13.00	-45.85

Table 7-68. Antenna 2b Radiated Spurious Data (NR Band n70 – Mid Channel)

Bandwidth (MHz):	10
Frequency (MHz):	1705.0
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]
3410.0	V	274	221	-73.63	4.05	37.42	-57.83	-13.00	-44.83
5115.0	V	-	-	-80.19	7.23	34.04	-61.21	-13.00	-48.21
6820.0	H	-	-	-81.41	10.54	36.13	-59.13	-13.00	-46.13
8525.0	H	-	-	-81.24	10.45	36.20	-59.05	-13.00	-46.05

Table 7-69. Antenna 2b Radiated Spurious Data (NR Band n70 – High Channel)

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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WCDMA AWS

Mode:	WCDMA RMC
Channel:	1312
Frequency (MHz):	1712.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3424.8	V	282	219	-77.59	4.03	33.43	-61.83	-13.00	-48.83
5137.2	-	-	-	-80.27	7.23	33.96	-61.30	-13.00	-48.30
6849.6	-	-	-	-81.68	10.54	35.86	-59.40	-13.00	-46.40
8562.0	-	-	-	-81.52	10.39	35.87	-59.39	-13.00	-46.39

Table 7-70. Antenna 2b Radiated Spurious Data (WCDMA AWS – Low Channel)

Mode:	WCDMA RMC
Channel:	1413
Frequency (MHz):	1732.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.2	V	295	229	-78.45	4.13	32.68	-62.58	-13.00	-49.58
5197.8	-	-	-	-80.63	7.41	33.78	-61.47	-13.00	-48.47
6930.4	-	-	-	-81.80	10.49	35.69	-59.57	-13.00	-46.57
8663.0	-	-	-	-81.46	10.81	36.35	-58.91	-13.00	-45.91

Table 7-71. Antenna 2b Radiated Spurious Data (WCDMA AWS – Mid Channel)

Mode:	WCDMA RMC
Channel:	1513
Frequency (MHz):	1752.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3505.2	-	-	-	-78.84	4.01	32.16	-63.10	-13.00	-50.10
5257.8	-	-	-	-80.57	7.49	33.92	-61.34	-13.00	-48.34
7010.4	-	-	-	-81.85	10.53	35.67	-59.58	-13.00	-46.58

Table 7-72. Antenna 2b Radiated Spurious Data (WCDMA AWS – High Channel)

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7.7.3 Antenna 3b – Radiated Spurious Emission Measurement

LTE Band 71

Bandwidth (MHz):	20
Frequency (MHz):	673.0
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]
1346.0	H	-	-	-77.32	-1.66	28.02	-67.24	-13.00	-54.24
2019.0	V	283	110	-62.76	1.36	45.60	-49.66	-13.00	-36.66
2692.0	V	-	-	-78.14	2.56	31.42	-63.84	-13.00	-50.84
3365.0	V	-	-	-78.61	3.66	32.05	-63.21	-13.00	-50.21
4038.0	H	-	-	-79.23	5.01	32.78	-62.48	-13.00	-49.48

Table 7-73. Antenna 3b Radiated Spurious Data (LTE Band 71 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	680.5
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]
1361.0	V	-	-	-77.47	-1.58	27.95	-67.31	-13.00	-54.31
2041.5	V	294	56	-64.88	1.39	43.51	-51.75	-13.00	-38.75
2722.0	V	-	-	-78.05	2.90	31.85	-63.41	-13.00	-50.41
3402.5	V	-	-	-78.82	3.72	31.90	-63.36	-13.00	-50.36
4083.0	H	-	-	-79.12	5.01	32.89	-62.37	-13.00	-49.37

Table 7-74. Antenna 3b Radiated Spurious Data (LTE Band 71 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	688.0
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]
1376.0	V	-	-	-77.57	-1.66	27.78	-67.48	-13.00	-54.48
2064.0	V	388	158	-61.83	1.47	46.65	-48.61	-13.00	-35.61
2752.0	V	-	-	-78.12	2.91	31.79	-63.47	-13.00	-50.47
3440.0	V	-	-	-78.51	3.74	32.23	-63.03	-13.00	-50.03
4128.0	H	-	-	-79.08	5.14	33.06	-62.20	-13.00	-49.20

Table 7-75. Antenna 3b Radiated Spurious Data (LTE Band 71 – High Channel)

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NR Band n71

Bandwidth (MHz):	20
Frequency (MHz):	673.0
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]
1346.0	H	-	-	-77.46	-1.58	27.96	-67.30	-13.00	-54.30
2019.0	V	356	117	-64.59	1.36	43.77	-51.49	-13.00	-38.49
2692.0	H	-	-	-78.29	2.56	31.27	-63.98	-13.00	-50.98
3365.0	H	-	-	-78.69	3.72	32.02	-63.23	-13.00	-50.23
4038.0	H	-	-	-79.27	5.00	32.73	-62.53	-13.00	-49.53

Table 7-76. Antenna 3b Radiated Spurious Data (NR Band n71 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	680.5
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]
1361.0	V	-	-	-76.83	-1.71	28.46	-66.79	-13.00	-53.79
2041.5	V	158	298	-67.06	1.39	41.33	-53.92	-13.00	-40.92
2722.0	V	-	-	-78.14	2.91	31.76	-63.50	-13.00	-50.50
3402.5	H	-	-	-78.64	3.52	31.88	-63.38	-13.00	-50.38
4083.0	V	-	-	-79.57	5.01	32.44	-62.82	-13.00	-49.82

Table 7-77. Antenna 3b Radiated Spurious Data (NR Band n71 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	688.0
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]
1376.0	V	-	-	-77.61	-1.71	27.68	-67.57	-13.00	-54.57
2064.0	V	338	128	-66.61	1.47	41.87	-53.39	-13.00	-40.39
2752.0	V	-	-	-78.21	2.86	31.65	-63.61	-13.00	-50.61
3440.0	V	-	-	-78.84	3.85	32.01	-63.24	-13.00	-50.24
4128.0	V	-	-	-78.76	5.07	33.31	-61.95	-13.00	-48.95

Table 7-78. Antenna 3b Radiated Spurious Data (NR Band n71 – High Channel)

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LTE Band 12/17

Bandwidth (MHz):	10
Frequency (MHz):	704.0
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]
1408.0	V	-	-	-78.05	-1.71	27.24	-68.01	-13.00	-55.01
2112.0	V	289	293	-63.29	1.07	44.78	-50.48	-13.00	-37.48
2816.0	H	-	-	-78.03	2.90	31.87	-63.39	-13.00	-50.39
3520.0	V	-	-	-78.49	3.80	32.30	-62.95	-13.00	-49.95
4224.0	V	-	-	-79.37	5.61	33.24	-62.02	-13.00	-49.02

Table 7-79. Antenna 3b Radiated Spurious Data (LTE Band 12/17 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	707.5
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.0	H	-	-	-77.28	-2.61	27.11	-68.15	-13.00	-55.15
2122.5	V	266	279	-68.08	1.13	40.05	-55.20	-13.00	-42.20
2830.0	V	-	-	-77.83	2.84	32.01	-63.25	-13.00	-50.25
3537.5	V	-	-	-78.68	4.06	32.38	-62.88	-13.00	-49.88
4245.0	H	-	-	-79.34	5.33	32.99	-62.27	-13.00	-49.27

Table 7-80. Antenna 3b Radiated Spurious Data (LTE Band 12/17 – Mid Channel)

Bandwidth (MHz):	10
Frequency (MHz):	711.0
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]
1422.0	V	-	-	-77.27	-2.60	27.13	-68.13	-13.00	-55.13
2133.0	V	252	276	-69.59	1.13	38.54	-56.72	-13.00	-43.72
2844.0	H	-	-	-78.02	2.84	31.82	-63.44	-13.00	-50.44
3555.0	V	-	-	-78.89	4.06	32.17	-63.09	-13.00	-50.09
4266.0	V	-	-	-78.89	5.14	33.25	-62.01	-13.00	-49.01

Table 7-81. Antenna 3b Radiated Spurious Data (LTE Band 12/17 – High Channel)

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NR Band n12

Bandwidth (MHz):	15
Frequency (MHz):	706.5
RB / Offset:	1 / 37

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1413.0	V	-	-	-77.45	-2.60	26.95	-68.31	-13.00	-55.31
2119.5	V	320	122	-65.22	1.07	42.85	-52.41	-13.00	-39.41
2826.0	V	-	-	-78.23	2.90	31.67	-63.59	-13.00	-50.59
3532.5	V	-	-	-78.88	3.83	31.95	-63.31	-13.00	-50.31
4239.0	V	-	-	-79.33	5.33	33.00	-62.25	-13.00	-49.25

Table 7-82. Antenna 3b Radiated Spurious Data (NR Band n12 – Low Channel)

Bandwidth (MHz):	15
Frequency (MHz):	707.5
RB / Offset:	1 / 37

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.0	V	-	-	-77.16	-2.60	27.24	-68.02	-13.00	-55.02
2122.5	V	319	116	-66.09	1.07	41.99	-53.27	-13.00	-40.27
2830.0	V	-	-	-78.03	2.84	31.81	-63.45	-13.00	-50.45
3537.5	V	-	-	-78.93	4.06	32.13	-63.13	-13.00	-50.13
4245.0	H	-	-	-79.33	5.33	33.00	-62.26	-13.00	-49.26

Table 7-83. Antenna 3b Radiated Spurious Data (NR Band n12 – Mid Channel)

Bandwidth (MHz):	15
Frequency (MHz):	708.5
RB / Offset:	1 / 37

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1417.0	V	-	-	-76.98	-2.60	27.42	-67.83	-13.00	-54.83
2125.5	V	252	292	-65.59	1.13	42.54	-52.71	-13.00	-39.71
2834.0	V	-	-	-78.37	2.84	31.47	-63.79	-13.00	-50.79
3542.5	H	-	-	-79.00	4.06	32.05	-63.20	-13.00	-50.20
4251.0	H	-	-	-79.45	5.33	32.88	-62.37	-13.00	-49.37

Table 7-84. Antenna 3b Radiated Spurious Data (NR Band n12 – High Channel)

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LTE Band 13

Bandwidth (MHz):	5
Frequency (MHz):	779.5
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]
1559.0	V	-	-	-77.29	-3.15	26.56	-68.70	-40.00	-28.70
2338.5	V	299	128	-63.69	2.53	45.84	-49.42	-13.00	-36.42
3118.0	H	-	-	-78.52	3.74	32.21	-63.04	-13.00	-50.04
3897.5	H	-	-	-79.33	5.19	32.85	-62.40	-13.00	-49.40
4677.0	V	-	-	-79.74	6.71	33.97	-61.29	-13.00	-48.29

Table 7-85. Antenna 3b Radiated Spurious Data (LTE Band 13 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	782.0
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]
1564.0	H	-	-	-77.35	-3.15	26.50	-68.75	-40.00	-28.75
2346.0	V	271	123	-64.61	2.38	44.77	-50.49	-13.00	-37.49
3128.0	H	-	-	-78.54	3.74	32.20	-63.06	-13.00	-50.06
3910.0	H	-	-	-79.18	4.97	32.78	-62.48	-13.00	-49.48
4692.0	V	-	-	-80.18	7.09	33.91	-61.35	-13.00	-48.35

Table 7-86. Antenna 3b Radiated Spurious Data (LTE Band 13 – Mid Channel)

Bandwidth (MHz):	5
Frequency (MHz):	784.5
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]
1569.0	H	-	-	-77.33	-3.15	26.52	-68.74	-40.00	-28.74
2353.5	V	300	80	-66.49	2.47	42.98	-52.28	-13.00	-39.28
3138.0	V	-	-	-78.81	4.08	32.27	-62.98	-13.00	-49.98
3922.5	H	-	-	-78.96	4.97	33.01	-62.25	-13.00	-49.25
4707.0	V	-	-	-80.24	7.09	33.85	-61.41	-13.00	-48.41

Table 7-87. Antenna 3b Radiated Spurious Data (LTE Band 13 – High Channel)

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7.7.4 Antenna 3a – Radiated Spurious Emission Measurement

LTE Band 66/4

Bandwidth (MHz):	20
Frequency (MHz):	1720.0
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]
3440.0	H	-	-	-78.50	4.06	32.56	-62.70	-13.00	-49.70
5160.0	V	-	-	-80.46	7.41	33.95	-61.31	-13.00	-48.31
6880.0	V	-	-	-81.43	10.47	36.04	-59.21	-13.00	-46.21

Table 7-88. Antenna 3a Radiated Spurious Data (LTE Band 66/4 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1745.0
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]
3490.0	V	-	-	-78.44	4.01	32.56	-62.69	-13.00	-49.69
5235.0	V	-	-	-80.28	7.35	34.08	-61.18	-13.00	-48.18
6980.0	H	-	-	-81.54	10.53	35.99	-59.27	-13.00	-46.27

Table 7-89. Antenna 3a Radiated Spurious Data (LTE Band 66/4 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1770.0
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]
3540.0	H	-	-	-78.82	4.27	32.45	-62.81	-13.00	-49.81
5310.0	V	-	-	-80.36	7.47	34.11	-61.15	-13.00	-48.15
7080.0	H	-	-	-81.36	10.28	35.92	-59.34	-13.00	-46.34

Table 7-90. Antenna 3a Radiated Spurious Data (LTE Band 66/4 – High Channel)

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NR Band n66

Bandwidth (MHz):	45
Frequency (MHz):	1872.5
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3745.0	H	-	-	-78.73	4.13	32.40	-62.86	-13.00	-49.86
5617.5	H	-	-	-80.46	7.42	33.96	-61.30	-13.00	-48.30
7490.0	V	-	-	-81.70	10.49	35.79	-59.47	-13.00	-46.47

Table 7-91. Antenna 3a Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1880.0
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	V	-	-	-78.68	4.01	32.33	-62.93	-13.00	-49.93
5640.0	H	-	-	-80.27	7.43	34.16	-61.09	-13.00	-48.09
7520.0	V	-	-	-81.56	10.49	35.92	-59.34	-13.00	-46.34

Table 7-92. Antenna 3a Radiated Spurious Data (NR Band n66 – Mid Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1887.5
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3775.0	H	-	-	-78.39	4.00	32.61	-62.65	-13.00	-49.65
5662.5	V	-	-	-80.45	7.49	34.03	-61.22	-13.00	-48.22
7550.0	H	-	-	-81.60	10.38	35.78	-59.48	-13.00	-46.48

Table 7-93. Antenna 3a Radiated Spurious Data (NR Band n66 – High Channel)

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NR Band n70

Bandwidth (MHz):	10
Frequency (MHz):	1700.0
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]
3400.0	V	-	-	-79.17	4.53	32.37	-62.89	-13.00	-49.89
5100.0	V	-	-	-80.41	7.23	33.82	-61.44	-13.00	-48.44
6800.0	H	-	-	-81.34	10.54	36.20	-59.06	-13.00	-46.06

Table 7-94. Antenna 3a Radiated Spurious Data (NR Band n70 – Low Channel)

Bandwidth (MHz):	15
Frequency (MHz):	1702.5
RB / Offset:	1 / 36

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3405.0	H	-	-	-78.59	4.03	32.44	-62.82	-13.00	-49.82
5107.5	V	-	-	-80.08	7.21	34.13	-61.13	-13.00	-48.13
6810.0	H	-	-	-81.38	10.54	36.16	-59.10	-13.00	-46.10

Table 7-95. Antenna 3a Radiated Spurious Data (NR Band n70 – Mid Channel)

Bandwidth (MHz):	10
Frequency (MHz):	1705.0
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]
3410.0	V	-	-	-78.61	4.05	32.44	-62.82	-13.00	-49.82
5115.0	V	-	-	-80.36	7.23	33.88	-61.38	-13.00	-48.38
6820.0	H	-	-	-81.14	10.31	36.17	-59.09	-13.00	-46.09

Table 7-96. Antenna 3a Radiated Spurious Data (NR Band n70 – High Channel)

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WCDMA AWS

Mode:	WCDMA RMC
Channel:	1312
Frequency (MHz):	1712.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3424.8	-	-	-	-78.63	4.06	32.43	-62.83	-13.00	-49.83
5137.2	-	-	-	-80.35	7.23	33.89	-61.37	-13.00	-48.37
6849.6	-	-	-	-81.51	10.26	35.76	-59.50	-13.00	-46.50

Table 7-97. Antenna 3a Radiated Spurious Data (WCDMA AWS – Low Channel)

Mode:	WCDMA RMC
Channel:	1413
Frequency (MHz):	1732.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.2	-	-	-	-78.90	4.13	32.23	-63.03	-13.00	-50.03
5197.8	-	-	-	-80.63	7.41	33.78	-61.48	-13.00	-48.48
6930.4	-	-	-	-81.59	10.49	35.90	-59.36	-13.00	-46.36

Table 7-98. Antenna 3a Radiated Spurious Data (WCDMA AWS – Mid Channel)

Mode:	WCDMA RMC
Channel:	1513
Frequency (MHz):	1752.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3505.2	-	-	-	-78.83	4.01	32.18	-63.08	-13.00	-50.08
5257.8	-	-	-	-80.27	7.43	34.16	-61.10	-13.00	-48.10
7010.4	-	-	-	-81.70	10.53	35.83	-59.43	-13.00	-46.43

Table 7-99. Antenna 3a Radiated Spurious Data (WCDMA AWS – High Channel)

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7.7.5 Antenna 1b - Radiated Spurious Emission Measurement

LTE Band 66/4

Bandwidth (MHz):	20
Frequency (MHz):	1720.0
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]
3440.0	V	303	267	-73.97	4.06	37.09	-58.16	-13.00	-45.16
5160.0	V	305	306	-74.42	7.59	40.16	-55.10	-13.00	-42.10
6880.0	V	-	-	-81.17	10.21	36.04	-59.22	-13.00	-46.22
8600.0	H	-	-	-81.18	10.39	36.21	-59.05	-13.00	-46.05
10320.0	V	-	-	-82.66	14.47	38.82	-56.44	-13.00	-43.44

Table 7-100. Antenna 1b Radiated Spurious Data (LTE Band 66/4 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1745.0
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]
3490.0	V	-	-	-78.77	4.01	32.23	-63.02	-13.00	-50.02
5235.0	V	-	-	-80.06	7.43	34.37	-60.89	-13.00	-47.89
6980.0	V	-	-	-81.56	10.49	35.93	-59.33	-13.00	-46.33

Table 7-101. Antenna 1b Radiated Spurious Data (LTE Band 66/4 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	1770.0
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]
3540.0	V	-	-	-78.75	4.27	32.51	-62.75	-13.00	-49.75
5310.0	V	-	-	-80.37	7.47	34.10	-61.16	-13.00	-48.16
7080.0	H	-	-	-81.35	10.28	35.92	-59.34	-13.00	-46.34

Table 7-102. Antenna 1b Radiated Spurious Data (LTE Band 66/4 – High Channel)

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NR Band n66

Bandwidth (MHz):	45
Frequency (MHz):	1872.5
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3745.0	H	-	-	-78.63	4.06	32.43	-62.82	-13.00	-49.82
5617.5	V	-	-	-80.54	7.42	33.88	-61.38	-13.00	-48.38
7490.0	H	-	-	-81.49	10.49	36.00	-59.26	-13.00	-46.26

Table 7-103. Antenna 1b Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1880.0
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3760.0	V	-	-	-78.76	4.01	32.25	-63.01	-13.00	-50.01
5640.0	H	-	-	-80.24	7.43	34.20	-61.06	-13.00	-48.06
7520.0	V	-	-	-81.57	10.49	35.91	-59.34	-13.00	-46.34

Table 7-104. Antenna 1b Radiated Spurious Data (NR Band n66 – Mid Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1887.5
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3775.0	V	-	-	-78.62	4.01	32.38	-62.88	-13.00	-49.88
5662.5	H	-	-	-80.34	7.43	34.10	-61.16	-13.00	-48.16
7550.0	H	-	-	-81.40	10.41	36.01	-59.25	-13.00	-46.25

Table 7-105. Antenna 1b Radiated Spurious Data (NR Band n66 – High Channel)

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NR Band n70

Bandwidth (MHz):	10
Frequency (MHz):	1700.0
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]
3400.0	H	-	-	-78.62	4.05	32.43	-62.82	-13.00	-49.82
5100.0	V	-	-	-80.31	7.17	33.86	-61.39	-13.00	-48.39
6800.0	H	-	-	-81.13	10.31	36.17	-59.08	-13.00	-46.08

Table 7-106. Antenna 1b Radiated Spurious Data (NR Band n70 – Low Channel)

Bandwidth (MHz):	15
Frequency (MHz):	1702.5
RB / Offset:	1 / 36

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3405.0	V	-	-	-78.59	4.03	32.44	-62.82	-13.00	-49.82
5107.5	H	-	-	-80.21	7.23	34.03	-61.23	-13.00	-48.23
6810.0	H	-	-	-81.13	10.54	36.41	-58.85	-13.00	-45.85

Table 7-107. Antenna 1b Radiated Spurious Data (NR Band n70 – Mid Channel)

Bandwidth (MHz):	10
Frequency (MHz):	1705.0
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]
3410.0	V	-	-	-78.74	4.05	32.31	-62.95	-13.00	-49.95
5115.0	V	-	-	-80.34	7.21	33.86	-61.40	-13.00	-48.40
6820.0	H	-	-	-81.36	10.54	36.18	-59.08	-13.00	-46.08

Table 7-108. Antenna 1b Radiated Spurious Data (NR Band n70 – High Channel)

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WCDMA AWS

Mode:	WCDMA RMC
Channel:	1312
Frequency (MHz):	1712.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3424.8	-	-	-	-78.77	4.06	32.29	-62.96	-13.00	-49.96
5137.2	-	-	-	-80.37	7.23	33.86	-61.39	-13.00	-48.39
6849.6	-	-	-	-81.70	10.54	35.84	-59.42	-13.00	-46.42

Table 7-109. Antenna 1b Radiated Spurious Data (WCDMA AWS – Low Channel)

Mode:	WCDMA RMC
Channel:	1413
Frequency (MHz):	1732.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.2	-	-	-	-78.76	4.13	32.37	-62.89	-13.00	-49.89
5197.8	-	-	-	-80.68	7.42	33.74	-61.52	-13.00	-48.52
6930.4	-	-	-	-81.71	10.49	35.78	-59.48	-13.00	-46.48

Table 7-110. Antenna 1b Radiated Spurious Data (WCDMA AWS – Mid Channel)

Mode:	WCDMA RMC
Channel:	1513
Frequency (MHz):	1752.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3505.2	-	-	-	-78.81	4.01	32.20	-63.06	-13.00	-50.06
5257.8	-	-	-	-80.59	7.49	33.89	-61.36	-13.00	-48.36
7010.4	-	-	-	-81.33	10.20	35.87	-59.39	-13.00	-46.39

Table 7-111. Antenna 1b Radiated Spurious Data (WCDMA AWS – High Channel)

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7.8 Frequency Stability / Temperature Variation

\$2.1053, \$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

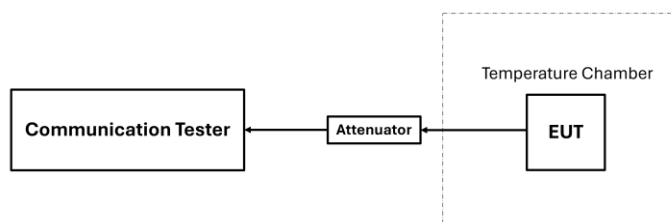


Figure 7-13. LTE Test Instrument & Measurement Setup

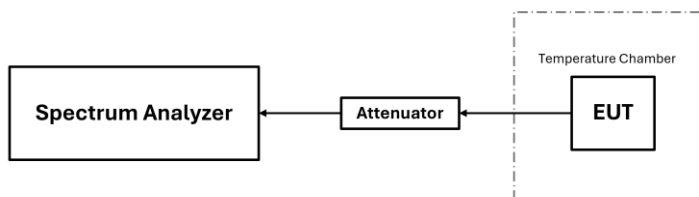


Figure 7-14. FR1 Test Instrument & Measurement Setup

Test Notes

- All ports were tested and only the worst case data were reported

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Frequency Stability / Temperature Variation

LTE Band 66/4				
		Operating Band Lower Boundary (GHz)		1.710
		Ref. Voltage (VDC):		3.80
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.71027482	-0.00027482
		- 20	1.71085391	-0.00085391
		- 10	1.71003715	-0.00003715
		0	1.71059138	-0.00059138
		+ 10	1.71094068	-0.00094068
		+ 20 (Ref)	1.71041280	-0.00041279
		+ 30	1.71068520	-0.00068520
		+ 40	1.71017597	-0.00017597
		+ 50	1.71073153	-0.00073153
Battery Endpoint	3.40	+ 20	1.71096824	-0.00096824

Table 7-112. LTE Band 66/4 Lower Boundary Frequency Stability Data

LTE Band 66/4				
		Operating Band Upper Boundary (GHz)		1.780
		Ref. Voltage (VDC):		3.80
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.77983630	-0.00016371
		- 20	1.77920974	-0.00079026
		- 10	1.77994867	-0.00005133
		0	1.77932052	-0.00067948
		+ 10	1.77967129	-0.00032871
		+ 20 (Ref)	1.77902718	-0.00097282
		+ 30	1.77950290	-0.00049710
		+ 40	1.77976433	-0.00023567
		+ 50	1.77911493	-0.00088507
Battery Endpoint	3.40	+ 20	1.77958934	-0.00041066

Table 7-113. LTE Band 66/4 Upper Boundary Frequency Stability Data

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Frequency Stability / Temperature Variation

LTE Band 71				
Operating Band Lower Boundary (GHz)			0.663	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.66321855	-0.00021855
		- 20	0.66395718	-0.00095718
		- 10	0.66313430	-0.00013430
		0	0.66378295	-0.00078295
		+ 10	0.66350982	-0.00050982
		+ 20 (Ref)	0.66334128	-0.00034128
		+ 30	0.66387650	-0.00087650
		+ 40	0.66309572	-0.00009572
		+ 50	0.66362518	-0.00062518
Battery Endpoint	3.40	+ 20	0.66347292	-0.00047292

Table 7-114. LTE Band 71 Lower Boundary Frequency Stability Data

LTE Band 71				
Operating Band Upper Boundary (GHz)			0.698	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.69786521	-0.00013479
		- 20	0.69724137	-0.00075863
		- 10	0.69790478	-0.00009522
		0	0.69713561	-0.00086439
		+ 10	0.69759247	-0.00040753
		+ 20 (Ref)	0.69743821	-0.00056179
		+ 30	0.69772198	-0.00027802
		+ 40	0.69705484	-0.00094516
		+ 50	0.69736751	-0.00063249
Battery Endpoint	3.40	+ 20	0.69798363	-0.00001637

Table 7-115. LTE Band 71 Upper Boundary Frequency Stability Data

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Frequency Stability / Temperature Variation

LTE Band 12/17				
Operating Band Lower Boundary (GHz)			0.699	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.69973651	-0.00073651
		- 20	0.69915487	-0.00015487
		- 10	0.69994823	-0.00094823
		0	0.69952369	-0.00052369
		+ 10	0.69908735	-0.00008735
		+ 20 (Ref)	0.69968218	-0.00068218
		+ 30	0.69931975	-0.00031975
		+ 40	0.69990146	-0.00090146
		+ 50	0.69947031	-0.00047031
Battery Endpoint	3.40	+ 20	0.69926591	-0.00026591

Table 7-116. LTE Band 12/17 Lower Boundary Frequency Stability Data

LTE Band 12/17				
Operating Band Upper Boundary (GHz)			0.716	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.71582350	-0.00017650
		- 20	0.71527618	-0.00072382
		- 10	0.71569131	-0.00030869
		0	0.71503876	-0.00096124
		+ 10	0.71595732	-0.00004268
		+ 20 (Ref)	0.71542088	-0.00057912
		+ 30	0.71588316	-0.00011684
		+ 40	0.71516429	-0.00083571
		+ 50	0.71554299	-0.00045701
Battery Endpoint	3.40	+ 20	0.71571945	-0.00028055

Table 7-117. LTE Band 12/17 Upper Boundary Frequency Stability Data

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Frequency Stability / Temperature Variation

LTE Band 13				
Operating Band Lower Boundary (GHz)			0.777	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.77731562	-0.00031562
		- 20	0.77789247	-0.00089247
		- 10	0.77704716	-0.00004716
		0	0.77768429	-0.00068429
		+ 10	0.77752983	-0.00052983
		+ 20 (Ref)	0.77710846	-0.00010846
		+ 30	0.77776194	-0.00076194
		+ 40	0.77725432	-0.00025432
		+ 50	0.77794028	-0.00094028
Battery Endpoint	3.40	+ 20	0.77747268	-0.00047268

Table 7-118. LTE Band 13 Lower Boundary Frequency Stability Data

LTE Band 13				
Operating Band Upper Boundary (GHz)			0.787	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.78684594	-0.00015406
		- 20	0.78639261	-0.00060739
		- 10	0.78621088	-0.00078912
		0	0.78697353	-0.00002647
		+ 10	0.78645710	-0.00054290
		+ 20 (Ref)	0.78610328	-0.00089672
		+ 30	0.78678149	-0.00021851
		+ 40	0.78663522	-0.00036478
		+ 50	0.78692706	-0.00007294
Battery Endpoint	3.40	+ 20	0.78652439	-0.00047561

Table 7-119. LTE Band 13 Upper Boundary Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n66				
Operating Band Lower Boundary (GHz)			1.710	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.71018355	-0.00018355
		- 20	1.71095733	-0.00095733
		- 10	1.71042618	-0.00042618
		0	1.71061289	-0.00061289
		+ 10	1.71008420	-0.00008420
		+ 20 (Ref)	1.71073958	-0.00073958
		+ 30	1.71036895	-0.00036895
		+ 40	1.71089427	-0.00089427
		+ 50	1.71025561	-0.00025561
Battery Endpoint	3.40	+ 20	1.71051986	-0.00051986

Table 7-120. NR Band n66 Lower Boundary Frequency Stability Data

NR Band n66				
Operating Band Upper Boundary (GHz)			1.780	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.77974231	-0.00025769
		- 20	1.77911895	-0.00088106
		- 10	1.77986430	-0.00013570
		0	1.77930576	-0.00069424
		+ 10	1.77996158	-0.00003842
		+ 20 (Ref)	1.77923459	-0.00076541
		+ 30	1.77980719	-0.00019281
		+ 40	1.77945381	-0.00054619
		+ 50	1.77907123	-0.00092877
Battery Endpoint	3.40	+ 20	1.77968950	-0.00031050

Table 7-121. NR Band n66 Upper Boundary Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n70				
Operating Band Lower Boundary (GHz)			1.695	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.69571439	-0.00071439
		- 20	1.69525811	-0.00025811
		- 10	1.69582695	-0.00082695
		0	1.69513458	-0.00013458
		+ 10	1.69593726	-0.00093726
		+ 20 (Ref)	1.69548261	-0.00048261
		+ 30	1.69560584	-0.00060584
		+ 40	1.69507132	-0.00007132
		+ 50	1.69579954	-0.00079954
Battery Endpoint	3.40	+ 20	1.69536893	-0.00036892

Table 7-122. NR Band n70 Lower Boundary Frequency Stability Data

NR Band n70				
Operating Band Upper Boundary (GHz)			1.710	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.70915385	-0.00084615
		- 20	1.70987492	-0.00012508
		- 10	1.70929560	-0.00070440
		0	1.70976138	-0.00023862
		+ 10	1.70948220	-0.00051780
		+ 20 (Ref)	1.70905987	-0.00094013
		+ 30	1.70994652	-0.00005348
		+ 40	1.70933074	-0.00066926
		+ 50	1.70960842	-0.00039159
Battery Endpoint	3.40	+ 20	1.70920287	-0.00079713

Table 7-123. NR Band n70 Upper Boundary Frequency Stability Data

FCC ID: BCGA3460	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Frequency Stability / Temperature Variation

NR Band n71				
Operating Band Lower Boundary (GHz)		0.663		
Ref. Voltage (VDC):		3.80		
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.66321855	-0.00021855
		- 20	0.66395718	-0.00095718
		- 10	0.66313430	-0.00013430
		0	0.66378295	-0.00078295
		+ 10	0.66350982	-0.00050982
		+ 20 (Ref)	0.66334128	-0.00034128
		+ 30	0.66387650	-0.00087650
		+ 40	0.66309572	-0.00009572
		+ 50	0.66362518	-0.00062518
Battery Endpoint	3.40	+ 20	0.66347292	-0.00047292

Table 7-124. NR Band n71 Lower Boundary Frequency Stability Data

NR Band n71				
Operating Band Upper Boundary (GHz)		0.698		
Ref. Voltage (VDC):		3.80		
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.69786521	-0.00013479
		- 20	0.69724137	-0.00075863
		- 10	0.69790478	-0.00009522
		0	0.69713561	-0.00086439
		+ 10	0.69759247	-0.00040753
		+ 20 (Ref)	0.69743821	-0.00056179
		+ 30	0.69772198	-0.00027802
		+ 40	0.69705484	-0.00094516
		+ 50	0.69736751	-0.00063249
Battery Endpoint	3.40	+ 20	0.69798363	-0.00001637

Table 7-125. NR Band n71 Upper Boundary Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n12				
Operating Band Lower Boundary (GHz)			0.699	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.69941284	-0.00041284
		- 20	0.69909725	-0.00009725
		- 10	0.69993561	-0.00093561
		0	0.69925349	-0.00025349
		+ 10	0.69986418	-0.00086418
		+ 20 (Ref)	0.69957034	-0.00057034
		+ 30	0.69932891	-0.00032891
		+ 40	0.69970219	-0.00070219
		+ 50	0.69948598	-0.00048598
Battery Endpoint	3.40	+ 20	0.69914632	-0.00014632

Table 7-126. NR Band n12 Lower Boundary Frequency Stability Data

NR Band n12				
Operating Band Upper Boundary (GHz)			0.716	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.71534822	-0.00065178
		- 20	0.71595680	-0.00004320
		- 10	0.71521469	-0.00078531
		0	0.71580352	-0.00019648
		+ 10	0.71514736	-0.00085264
		+ 20 (Ref)	0.71568497	-0.00031503
		+ 30	0.71503242	-0.00096758
		+ 40	0.71559721	-0.00040279
		+ 50	0.71542939	-0.00057061
Battery Endpoint	3.40	+ 20	0.71587211	-0.00012789

Table 7-127. NR Band n12 Upper Boundary Frequency Stability Data

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Frequency Stability / Temperature Variation

WCDMA AWS				
Operating Band Lower Boundary (GHz)			1.710	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.71074513	-0.00074513
		- 20	1.71018360	-0.00018360
		- 10	1.71052987	-0.00052987
		0	1.71091025	-0.00091025
		+ 10	1.71036794	-0.00036794
		+ 20 (Ref)	1.71069182	-0.00069182
		+ 30	1.71025418	-0.00025418
		+ 40	1.71083941	-0.00083941
		+ 50	1.71045261	-0.00045261
Battery Endpoint	3.40	+ 20	1.71007836	-0.00007836

Table 7-128. WCDMA AWS Lower Boundary Frequency Stability Data

WCDMA AWS				
Operating Band Upper Boundary (GHz)			1.755	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	1.75465722	-0.00034278
		- 20	1.75419430	-0.00080570
		- 10	1.75481375	-0.00018625
		0	1.75409319	-0.00090682
		+ 10	1.75472695	-0.00027305
		+ 20 (Ref)	1.75455280	-0.00044720
		+ 30	1.75432042	-0.00067958
		+ 40	1.75496817	-0.00003183
		+ 50	1.75448709	-0.00051291
Battery Endpoint	3.40	+ 20	1.75423577	-0.00076423

Table 7-129. WCDMA AWS Upper Boundary 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: BCGA3460** complies with all the requirements of Part 27 of the FCC rules.

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