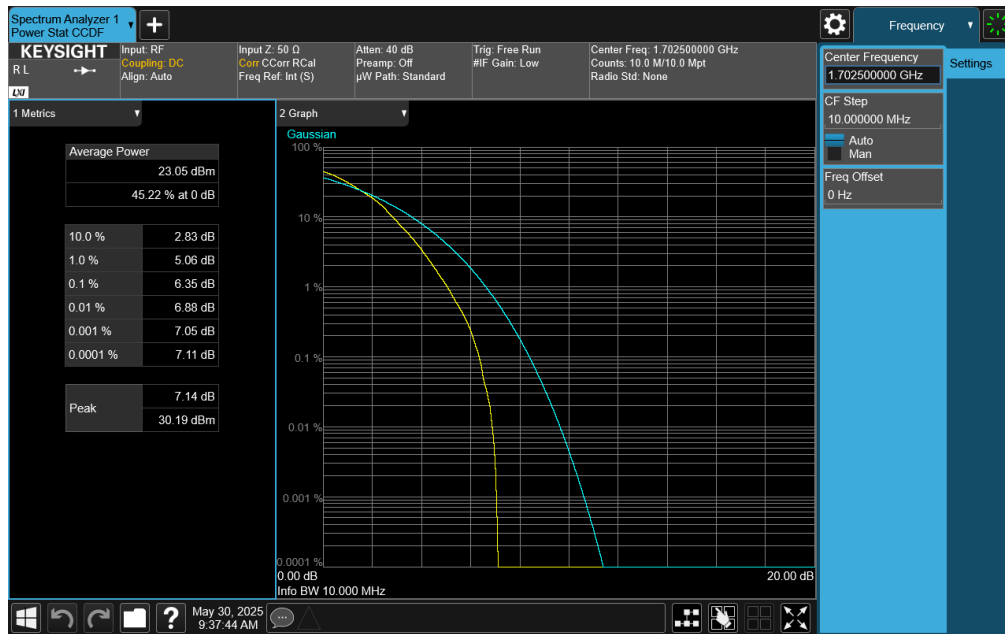
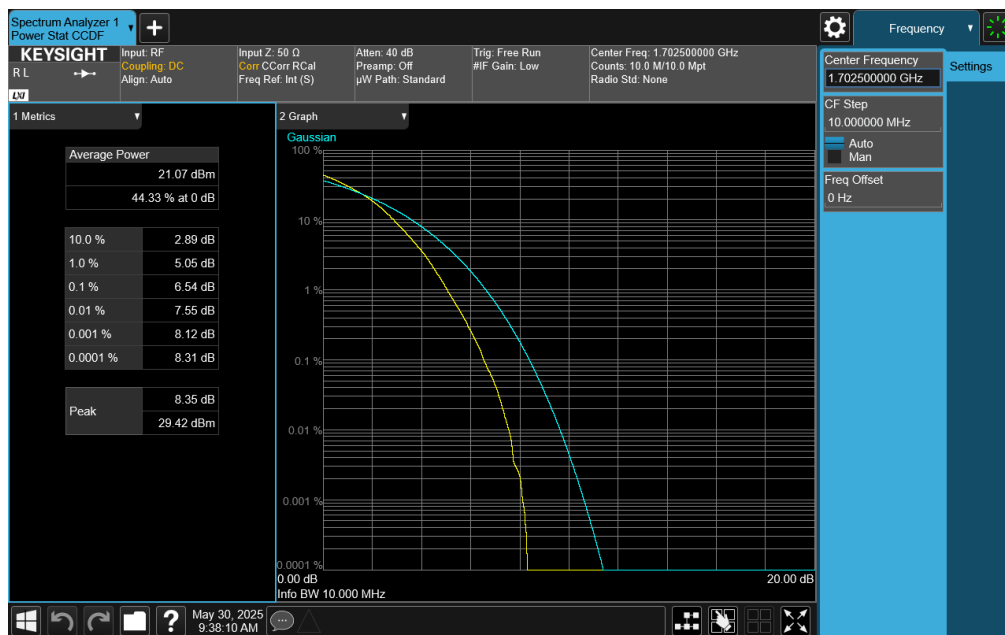




Plot 7-484. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 64-QAM - Full RB)

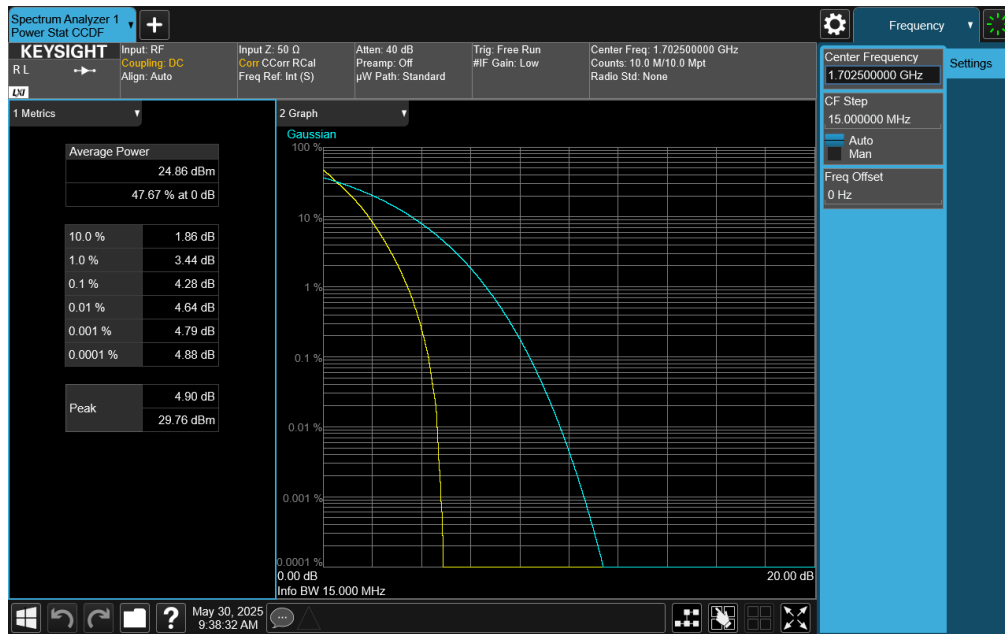


Plot 7-485. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 256-QAM - Full RB)

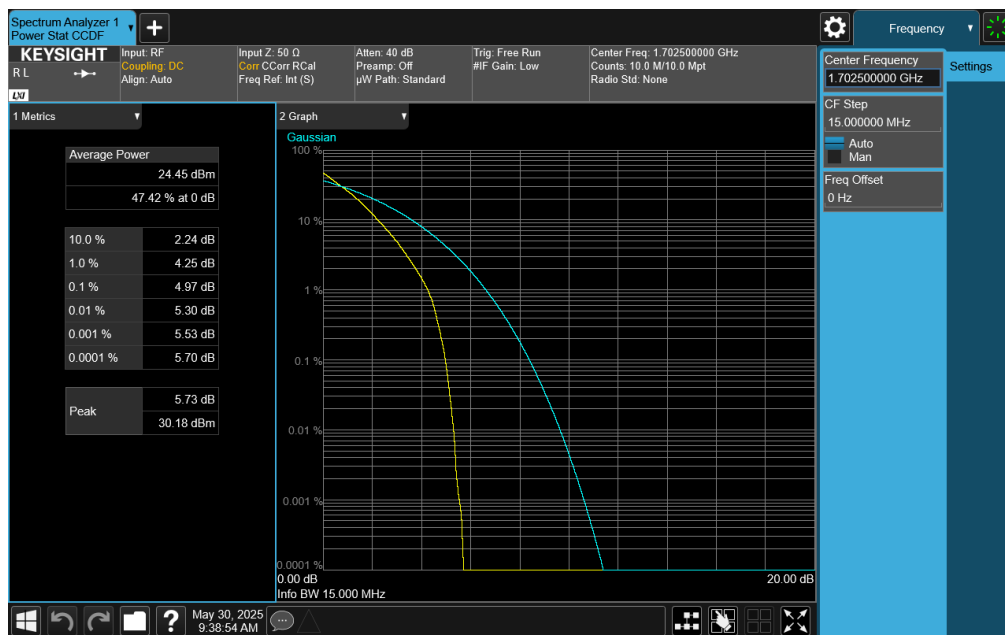
FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-486. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

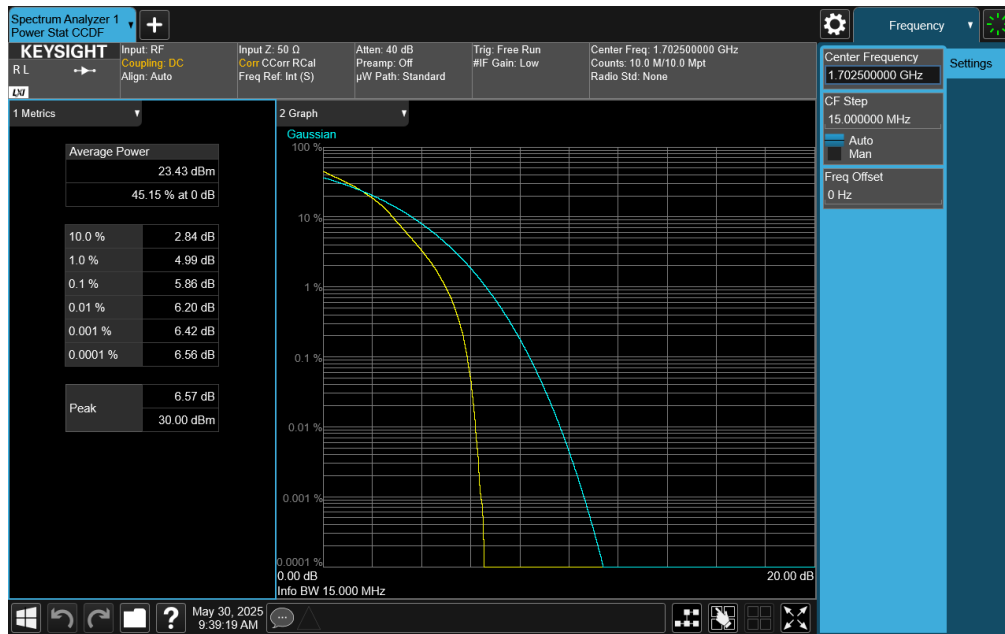


Plot 7-487. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM QPSK - Full RB)

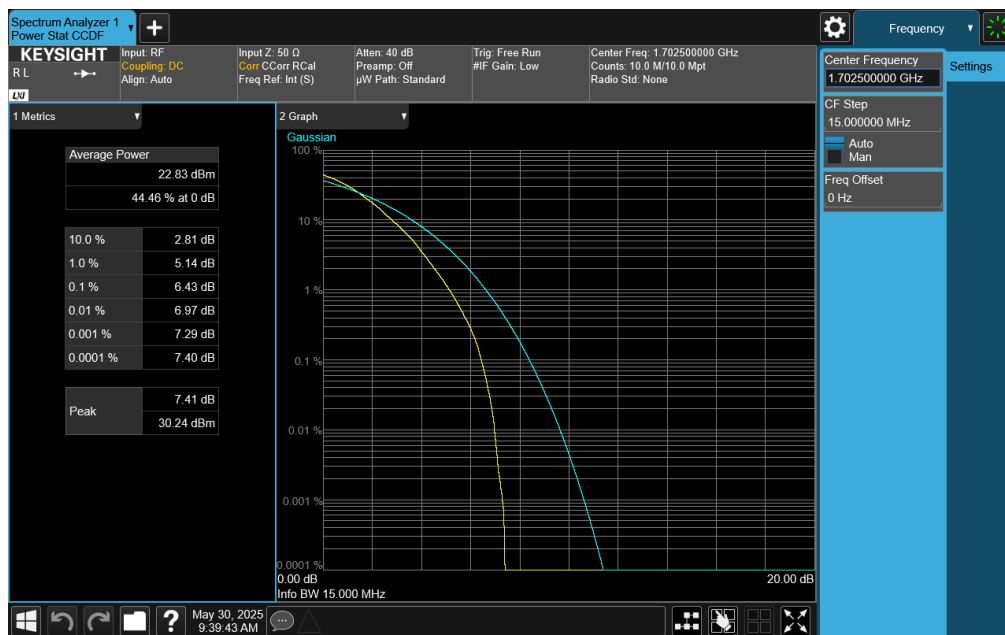
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-488. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 16-QAM - Full RB)

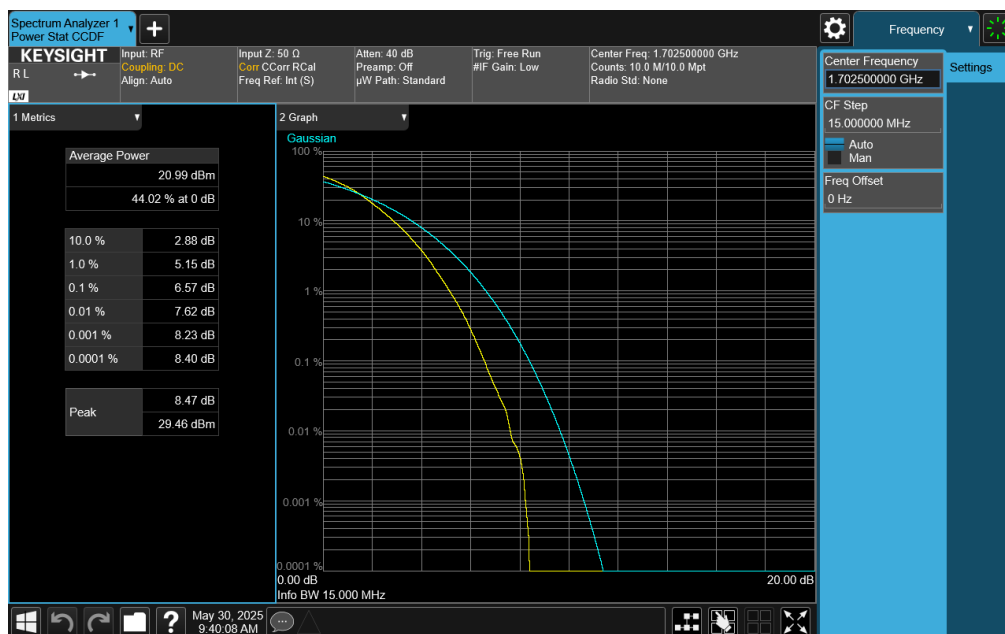


Plot 7-489. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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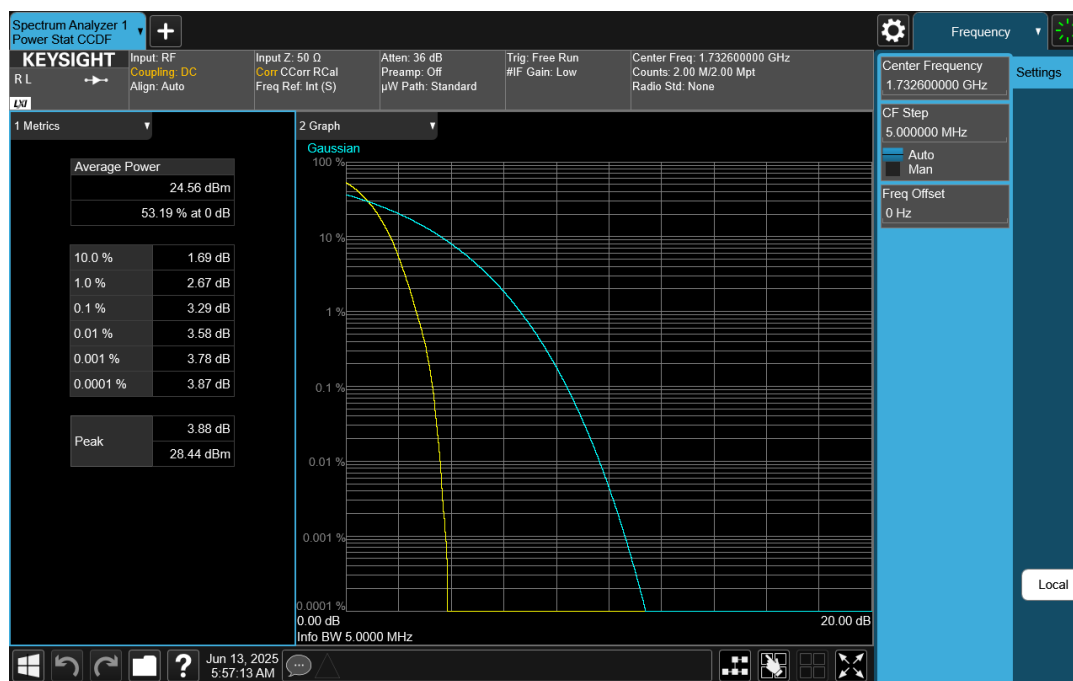
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Plot 7-490. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-491. PAR Plot (WCDMA, Ch. 1413)

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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.

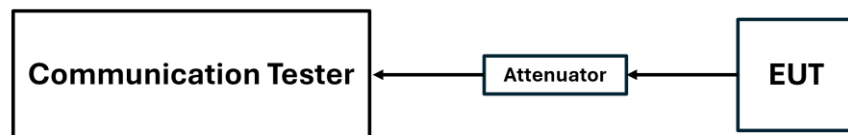


Figure 7-9. LTE ERP/EIRP Measurement Setup

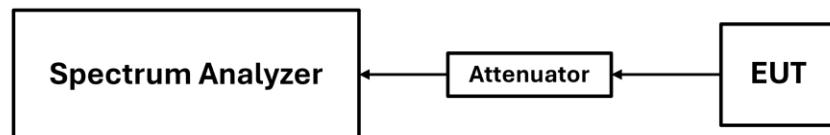


Figure 7-10. FR1 ERP/EIRP Measurement Setup

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Test Notes

2. 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.
3. This unit was tested with its standard battery.
4. 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.
5. 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."
6. The Ant. Gains (GT) are listed in dBi.
7. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

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7.6.1 Antenna 4b – 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	-2.70	1 / 0	25.33	22.63	0.183	30.00	-7.37
		1745.0	-2.70	1 / 0	25.62	22.92	0.196	30.00	-7.08
		1779.3	-2.70	1 / 0	25.52	22.82	0.191	30.00	-7.18
	16-QAM	1779.3	-2.70	1 / 0	24.90	22.20	0.166	30.00	-7.80
	64-QAM	1779.3	-2.70	1 / 0	23.82	21.12	0.129	30.00	-8.88
	256-QAM	1745.0	-2.70	6 / 0	20.95	18.25	0.067	30.00	-11.75
3 MHz	QPSK	1711.5	-2.70	1 / 0	25.42	22.72	0.187	30.00	-7.28
		1745.0	-2.70	1 / 0	25.47	22.77	0.189	30.00	-7.23
		1778.5	-2.70	1 / 0	25.60	22.90	0.195	30.00	-7.10
	16-QAM	1778.5	-2.70	1 / 0	24.93	22.23	0.167	30.00	-7.77
	64-QAM	1778.5	-2.70	1 / 0	23.77	21.07	0.128	30.00	-8.93
	256-QAM	1745.0	-2.70	15 / 0	20.92	18.22	0.066	30.00	-11.78
5 MHz	QPSK	1712.5	-2.70	1 / 24	25.43	22.73	0.187	30.00	-7.27
		1745.0	-2.70	1 / 12	25.58	22.88	0.194	30.00	-7.12
		1777.5	-2.70	1 / 24	25.70	23.00	0.200	30.00	-7.00
	16-QAM	1745.0	-2.70	1 / 12	25.18	22.48	0.177	30.00	-7.52
	64-QAM	1745.0	-2.70	1 / 24	23.94	21.24	0.133	30.00	-8.76
	256-QAM	1745.0	-2.70	25 / 0	21.04	18.34	0.068	30.00	-11.66
10 MHz	QPSK	1715.0	-2.70	1 / 0	25.61	22.91	0.195	30.00	-7.09
		1745.0	-2.70	1 / 0	25.57	22.87	0.194	30.00	-7.13
		1775.0	-2.70	1 / 0	25.42	22.72	0.187	30.00	-7.28
	16-QAM	1745.0	-2.70	1 / 0	24.99	22.29	0.169	30.00	-7.71
	64-QAM	1745.0	-2.70	1 / 25	24.00	21.30	0.135	30.00	-8.70
	256-QAM	1745.0	-2.70	50 / 0	21.12	18.42	0.070	30.00	-11.58
15 MHz	QPSK	1717.5	-2.70	1 / 0	25.55	22.85	0.193	30.00	-7.15
		1745.0	-2.70	1 / 0	25.52	22.82	0.191	30.00	-7.18
		1772.5	-2.70	1 / 0	25.46	22.76	0.189	30.00	-7.24
	16-QAM	1745.0	-2.70	1 / 0	24.87	22.17	0.165	30.00	-7.83
	64-QAM	1745.0	-2.70	1 / 37	23.89	21.19	0.132	30.00	-8.81
	256-QAM	1745.0	-2.70	75 / 0	21.04	18.34	0.068	30.00	-11.66
	QPSK	1720.0	-2.70	1 / 0	25.41	22.71	0.187	30.00	-7.29
		1745.0	-2.70	1 / 0	25.63	22.93	0.196	30.00	-7.07
		1770.0	-2.70	1 / 0	25.42	22.72	0.187	30.00	-7.28
	16-QAM	1720.0	-2.70	1 / 0	24.85	22.15	0.164	30.00	-7.85
20 MHz	64-QAM	1745.0	-2.70	1 / 0	23.75	21.05	0.127	30.00	-8.95
	256-QAM	1745.0	-2.70	100 / 0	21.05	18.35	0.068	30.00	-11.65

Table 7-2. Antenna 4b 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	-2.70	1 / 0	25.42	22.72	0.187	30.00	-7.28
		1732.5	-2.70	1 / 0	25.68	22.98	0.199	30.00	-7.02
		1754.3	-2.70	1 / 0	25.53	22.83	0.192	30.00	-7.17
	16-QAM	1754.3	-2.70	1 / 0	24.95	22.25	0.168	30.00	-7.75
	64-QAM	1732.5	-2.70	1 / 0	23.74	21.04	0.127	30.00	-8.96
	256-QAM	1732.5	-2.70	6 / 0	20.97	18.27	0.067	30.00	-11.73
3 MHz	QPSK	1711.5	-2.70	1 / 0	25.37	22.67	0.185	30.00	-7.33
		1732.5	-2.70	1 / 0	25.55	22.85	0.193	30.00	-7.15
		1753.5	-2.70	1 / 0	25.46	22.76	0.189	30.00	-7.24
	16-QAM	1732.5	-2.70	1 / 0	24.96	22.26	0.168	30.00	-7.74
	64-QAM	1711.5	-2.70	1 / 0	23.77	21.07	0.128	30.00	-8.93
	256-QAM	1732.5	-2.70	15 / 0	20.95	18.25	0.067	30.00	-11.75
5 MHz	QPSK	1712.5	-2.70	1 / 24	25.66	22.96	0.198	30.00	-7.04
		1732.5	-2.70	1 / 12	25.70	23.00	0.200	30.00	-7.00
		1752.5	-2.70	1 / 12	25.48	22.78	0.190	30.00	-7.22
	16-QAM	1732.5	-2.70	1 / 12	25.04	22.34	0.171	30.00	-7.66
	64-QAM	1752.5	-2.70	1 / 12	23.91	21.21	0.132	30.00	-8.79
	256-QAM	1732.5	-2.70	25 / 0	21.06	18.36	0.069	30.00	-11.64
10 MHz	QPSK	1715.0	-2.70	1 / 0	25.55	22.85	0.193	30.00	-7.15
		1732.5	-2.70	1 / 25	25.56	22.86	0.193	30.00	-7.14
		1750.0	-2.70	1 / 0	25.52	22.82	0.191	30.00	-7.18
	16-QAM	1732.5	-2.70	1 / 49	24.97	22.27	0.169	30.00	-7.73
	64-QAM	1732.5	-2.70	1 / 49	23.97	21.27	0.134	30.00	-8.73
	256-QAM	1715.0	-2.70	50 / 0	21.16	18.46	0.070	30.00	-11.54
15 MHz	QPSK	1717.5	-2.70	1 / 0	25.67	22.97	0.198	30.00	-7.03
		1732.5	-2.70	1 / 0	25.48	22.78	0.190	30.00	-7.22
		1747.5	-2.70	1 / 0	25.42	22.72	0.187	30.00	-7.28
	16-QAM	1732.5	-2.70	1 / 74	24.91	22.21	0.166	30.00	-7.79
	64-QAM	1732.5	-2.70	1 / 37	23.83	21.13	0.130	30.00	-8.87
	256-QAM	1747.5	-2.70	75 / 0	21.02	18.32	0.068	30.00	-11.68
20 MHz	QPSK	1720.0	-2.70	1 / 0	25.54	22.84	0.192	30.00	-7.16
		1732.5	-2.70	1 / 0	25.33	22.63	0.183	30.00	-7.37
		1745.0	-2.70	1 / 0	25.61	22.91	0.195	30.00	-7.09
	16-QAM	1745.0	-2.70	1 / 0	24.90	22.20	0.166	30.00	-7.80
	64-QAM	1720.0	-2.70	1 / 0	23.72	21.02	0.126	30.00	-8.98
	256-QAM	1720.0	-2.70	100 / 0	20.99	18.29	0.067	30.00	-11.71

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

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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	-2.70	25 / 0	25.51	22.81	0.191	30.00	-7.19
		1745.0	-2.70	25 / 0	25.55	22.85	0.193	30.00	-7.15
		1777.5	-2.70	1 / 24	25.52	22.82	0.192	30.00	-7.18
	QPSK	1712.5	-2.70	1 / 24	25.60	22.90	0.195	30.00	-7.10
		1745.0	-2.70	1 / 24	25.56	22.86	0.193	30.00	-7.14
		1777.5	-2.70	1 / 24	25.59	22.89	0.195	30.00	-7.11
	16-QAM	1745.0	-2.70	1 / 1	24.32	21.62	0.145	30.00	-8.38
	64-QAM	1712.5	-2.70	25 / 0	23.66	20.96	0.125	30.00	-9.04
10 MHz	π/2 BPSK	1712.5	-2.70	25 / 0	21.57	18.87	0.077	30.00	-11.13
		1715.0	-2.70	50 / 0	25.54	22.84	0.192	30.00	-7.16
		1745.0	-2.70	50 / 0	25.53	22.83	0.192	30.00	-7.17
	QPSK	1775.0	-2.70	50 / 0	25.50	22.80	0.191	30.00	-7.20
		1715.0	-2.70	1 / 50	25.59	22.89	0.195	30.00	-7.11
		1745.0	-2.70	1 / 50	25.54	22.84	0.192	30.00	-7.16
	16-QAM	1775.0	-2.70	1 / 1	25.54	22.84	0.192	30.00	-7.16
		1745.0	-2.70	1 / 50	24.44	21.74	0.149	30.00	-8.26
15 MHz	π/2 BPSK	1715.0	-2.70	50 / 0	23.60	20.90	0.123	30.00	-9.10
		1715.0	-2.70	50 / 0	21.65	18.95	0.079	30.00	-11.05
		1715.0	-2.70	50 / 0	21.65	18.95	0.079	30.00	-11.05
	QPSK	1717.5	-2.70	75 / 0	25.45	22.75	0.188	30.00	-7.25
		1745.0	-2.70	1 / 77	25.54	22.84	0.192	30.00	-7.16
		1772.5	-2.70	75 / 0	25.49	22.79	0.190	30.00	-7.21
	16-QAM	1717.5	-2.70	1 / 1	25.58	22.88	0.194	30.00	-7.12
		1745.0	-2.70	1 / 1	25.54	22.84	0.192	30.00	-7.16
20 MHz	π/2 BPSK	1772.5	-2.70	1 / 1	25.50	22.80	0.190	30.00	-7.20
		1745.0	-2.70	1 / 1	24.40	21.70	0.148	30.00	-8.30
		1717.5	-2.70	75 / 0	23.55	20.85	0.122	30.00	-9.15
	QPSK	1717.5	-2.70	75 / 0	21.53	18.83	0.076	30.00	-11.17
		1720.0	-2.70	100 / 0	25.51	22.81	0.191	30.00	-7.19
		1745.0	-2.70	1 / 1	25.54	22.84	0.192	30.00	-7.16
	16-QAM	1770.0	-2.70	1 / 104	25.44	22.74	0.188	30.00	-7.26
		1745.0	-2.70	1 / 1	25.55	22.85	0.193	30.00	-7.15
25 MHz	π/2 BPSK	1745.0	-2.70	1 / 1	25.61	22.91	0.195	30.00	-7.09
		1770.0	-2.70	1 / 1	25.41	22.71	0.187	30.00	-7.29
		1745.0	-2.70	1 / 1	24.42	21.72	0.148	30.00	-8.28
	QPSK	1720.0	-2.70	100 / 0	23.54	20.84	0.121	30.00	-9.16
		1720.0	-2.70	100 / 0	21.55	18.85	0.077	30.00	-11.15
		1722.5	-2.70	1 / 64	25.57	22.87	0.194	30.00	-7.13
	16-QAM	1745.0	-2.70	128 / 0	25.49	22.79	0.190	30.00	-7.21
		1767.5	-2.70	128 / 0	25.47	22.77	0.189	30.00	-7.23
30 MHz	π/2 BPSK	1722.5	-2.70	1 / 131	25.58	22.88	0.194	30.00	-7.12
		1745.0	-2.70	1 / 64	25.45	22.75	0.189	30.00	-7.25
		1767.5	-2.70	1 / 64	25.49	22.79	0.190	30.00	-7.21
	QPSK	1722.5	-2.70	1 / 131	24.36	21.66	0.146	30.00	-8.34
		1745.0	-2.70	128 / 0	23.67	20.97	0.125	30.00	-9.03
		1722.5	-2.70	128 / 0	21.60	18.90	0.078	30.00	-11.10
	16-QAM	1725.0	-2.70	1 / 158	25.44	22.74	0.188	30.00	-7.26
		1745.0	-2.70	160 / 0	25.45	22.75	0.188	30.00	-7.25
35 MHz	π/2 BPSK	1765.0	-2.70	160 / 0	25.42	22.72	0.187	30.00	-7.28
		1725.0	-2.70	1 / 80	25.58	22.88	0.194	30.00	-7.12
		1745.0	-2.70	1 / 1	25.64	22.94	0.197	30.00	-7.06
	QPSK	1765.0	-2.70	1 / 80	25.50	22.80	0.190	30.00	-7.20
		1725.0	-2.70	1 / 158	24.43	21.73	0.149	30.00	-8.27
		1745.0	-2.70	160 / 0	23.58	20.88	0.122	30.00	-9.12
	16-QAM	1725.0	-2.70	160 / 0	21.55	18.85	0.077	30.00	-11.15
		1725.0	-2.70	1 / 90	25.59	22.89	0.195	30.00	-7.11
40 MHz	π/2 BPSK	1745.0	-2.70	180 / 0	25.49	22.79	0.190	30.00	-7.21
		1762.5	-2.70	180 / 0	25.48	22.78	0.190	30.00	-7.22
		1725.0	-2.70	1 / 90	25.69	22.99	0.199	30.00	-7.01
	QPSK	1745.0	-2.70	1 / 1	25.49	22.79	0.190	30.00	-7.21
		1765.0	-2.70	1 / 90	25.61	22.91	0.195	30.00	-7.09
		1745.0	-2.70	1 / 90	24.23	21.53	0.142	30.00	-8.47
	16-QAM	1745.0	-2.70	180 / 0	23.48	20.78	0.120	30.00	-9.22
		1745.0	-2.70	180 / 0	21.46	18.76	0.075	30.00	-11.24
45 MHz	π/2 BPSK	1730.0	-2.70	216 / 0	25.56	22.86	0.193	30.00	-7.14
		1745.0	-2.70	1 / 1	25.56	22.86	0.193	30.00	-7.14
		1760.0	-2.70	216 / 0	25.55	22.85	0.193	30.00	-7.15
	QPSK	1730.0	-2.70	1 / 1	25.69	22.99	0.199	30.00	-7.01
		1745.0	-2.70	1 / 214	25.57	22.87	0.194	30.00	-7.13
		1760.0	-2.70	1 / 108	25.70	23.00	0.200	30.00	-7.00
	16-QAM	1760.0	-2.70	1 / 1	24.41	21.71	0.148	30.00	-8.29
		1730.0	-2.70	216 / 0	23.62	20.92	0.124	30.00	-9.08
50 MHz	π/2 BPSK	1730.0	-2.70	216 / 0	21.59	18.89	0.077	30.00	-11.11
		1732.5	-2.70	240 / 0	25.55	22.85	0.193	30.00	-7.15
		1745.0	-2.70	240 / 0	25.45	22.75	0.188	30.00	-7.25
	QPSK	1757.5	-2.70	240 / 0	25.50	22.80	0.191	30.00	-7.20
		1732.5	-2.70	1 / 120	25.55	22.85	0.193	30.00	-7.15
		1745.0	-2.70	1 / 1	25.57	22.87	0.194	30.00	-7.13
	16-QAM	1757.5	-2.70	1 / 120	25.70	23.00	0.200	30.00	-7.00
		1732.5	-2.70	1 / 120	24.33	21.63	0.146	30.00	-8.37
55 MHz	π/2 BPSK	1732.5	-2.70	240 / 0	23.60	20.90	0.123	30.00	-9.10
		1732.5	-2.70	240 / 0	21.60	18.90	0.078	30.00	-11.10

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device	Page 281 of 359

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	25.14	22.74	0.188	30.00	-7.26
		1702.5	-2.40	25 / 0	25.21	22.81	0.191	30.00	-7.19
		1707.5	-2.40	25 / 0	25.19	22.79	0.190	30.00	-7.21
	QPSK	1697.5	-2.40	1 / 12	25.26	22.86	0.193	30.00	-7.14
		1702.5	-2.40	1 / 12	25.16	22.76	0.189	30.00	-7.24
		1707.5	-2.40	1 / 12	25.16	22.76	0.189	30.00	-7.24
	16-QAM	1697.5	-2.40	1 / 12	24.20	21.80	0.152	30.00	-8.20
	64-QAM	1697.5	-2.40	25 / 0	23.29	20.89	0.123	30.00	-9.11
	256-QAM	1697.5	-2.40	25 / 0	21.29	18.89	0.077	30.00	-11.11
10 MHz	$\pi/2$ BPSK	1700.0	-2.40	50 / 0	25.27	22.87	0.194	30.00	-7.13
		1702.5	-2.40	50 / 0	25.27	22.87	0.194	30.00	-7.13
		1705.0	-2.40	50 / 0	25.30	22.90	0.195	30.00	-7.10
	QPSK	1700.0	-2.40	1 / 25	25.16	22.76	0.189	30.00	-7.24
		1702.5	-2.40	1 / 1	25.21	22.81	0.191	30.00	-7.19
		1705.0	-2.40	1 / 25	25.12	22.72	0.187	30.00	-7.28
	16-QAM	1700.0	-2.40	1 / 25	24.04	21.64	0.146	30.00	-8.36
	64-QAM	1702.5	-2.40	50 / 0	23.24	20.84	0.121	30.00	-9.16
	256-QAM	1705.0	-2.40	50 / 0	21.31	18.91	0.078	30.00	-11.09
15 MHz	$\pi/2$ BPSK	1702.5	-2.40	75 / 0	25.18	22.78	0.190	30.00	-7.22
	QPSK	1702.5	-2.40	1 / 1	25.10	22.70	0.186	30.00	-7.30
	16-QAM	1702.5	-2.40	1 / 77	23.97	21.57	0.144	30.00	-8.43
	64-QAM	1702.5	-2.40	75 / 0	23.25	20.85	0.122	30.00	-9.15
	256-QAM	1702.5	-2.40	75 / 0	21.18	18.78	0.076	30.00	-11.22

Table 7-5. Antenna 4b EIRP Data (NR Band n70)

FCC ID: BCGA3358	 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	25.36	-2.70	22.66	0.185	30.00	-7.34
1732.60	WCDMA1700	25.42	-2.70	22.72	0.187	30.00	-7.28
1752.60	WCDMA1700	25.39	-2.70	22.69	0.186	30.00	-7.31

Table 7-6. Antenna 4b EIRP Data (WCDMA AWS)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.2 Antenna 1 – 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	-2.10	1 / 0	25.61	23.51	0.224	30.00	-6.49
		1745.0	-2.10	1 / 0	25.43	23.33	0.215	30.00	-6.67
		1779.3	-2.10	1 / 0	25.41	23.31	0.214	30.00	-6.69
	16-QAM	1779.3	-2.10	1 / 0	24.90	22.80	0.191	30.00	-7.20
	64-QAM	1710.7	-2.10	1 / 0	23.82	21.72	0.149	30.00	-8.28
	256-QAM	1710.7	-2.10	6 / 0	21.02	18.92	0.078	30.00	-11.08
3 MHz	QPSK	1711.5	-2.10	1 / 0	25.53	23.43	0.220	30.00	-6.57
		1745.0	-2.10	1 / 0	25.53	23.43	0.220	30.00	-6.57
		1778.5	-2.10	1 / 0	25.36	23.26	0.212	30.00	-6.74
	16-QAM	1745.0	-2.10	1 / 0	24.96	22.86	0.193	30.00	-7.14
	64-QAM	1711.5	-2.10	1 / 0	23.80	21.70	0.148	30.00	-8.30
	256-QAM	1711.5	-2.10	15 / 0	21.00	18.90	0.078	30.00	-11.10
5 MHz	QPSK	1712.5	-2.10	1 / 24	25.69	23.59	0.229	30.00	-6.41
		1745.0	-2.10	1 / 12	25.69	23.59	0.229	30.00	-6.41
		1777.5	-2.10	1 / 0	25.37	23.27	0.212	30.00	-6.73
	16-QAM	1712.5	-2.10	1 / 12	25.16	23.06	0.202	30.00	-6.94
	64-QAM	1745.0	-2.10	1 / 0	23.83	21.73	0.149	30.00	-8.27
	256-QAM	1745.0	-2.10	25 / 0	21.07	18.97	0.079	30.00	-11.03
10 MHz	QPSK	1715.0	-2.10	1 / 49	25.61	23.51	0.224	30.00	-6.49
		1745.0	-2.10	1 / 25	25.54	23.44	0.221	30.00	-6.56
		1775.0	-2.10	1 / 0	25.52	23.42	0.220	30.00	-6.58
	16-QAM	1775.0	-2.10	1 / 25	24.98	22.88	0.194	30.00	-7.12
	64-QAM	1715.0	-2.10	1 / 49	23.95	21.85	0.153	30.00	-8.15
	256-QAM	1715.0	-2.10	50 / 0	21.11	19.01	0.080	30.00	-10.99
15 MHz	QPSK	1717.5	-2.10	1 / 74	25.70	23.60	0.229	30.00	-6.40
		1745.0	-2.10	1 / 0	25.56	23.46	0.222	30.00	-6.54
		1772.5	-2.10	1 / 0	25.45	23.35	0.216	30.00	-6.65
	16-QAM	1772.5	-2.10	1 / 0	25.03	22.93	0.196	30.00	-7.07
	64-QAM	1717.5	-2.10	1 / 74	23.83	21.73	0.149	30.00	-8.27
	256-QAM	1717.5	-2.10	75 / 0	21.06	18.96	0.079	30.00	-11.04
	QPSK	1720.0	-2.10	1 / 0	25.60	23.50	0.224	30.00	-6.50
		1745.0	-2.10	1 / 0	25.31	23.21	0.209	30.00	-6.79
		1770.0	-2.10	1 / 0	25.68	23.58	0.228	30.00	-6.42
	16-QAM	1770.0	-2.10	1 / 0	25.00	22.90	0.195	30.00	-7.10
20 MHz	64-QAM	1745.0	-2.10	1 / 50	23.73	21.63	0.146	30.00	-8.37
	256-QAM	1720.0	-2.10	100 / 0	21.07	18.97	0.079	30.00	-11.03

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	-2.10	1 / 0	25.42	23.32	0.215	30.00	-6.68
		1732.5	-2.10	1 / 0	25.59	23.49	0.223	30.00	-6.51
		1754.3	-2.10	1 / 0	25.30	23.20	0.209	30.00	-6.80
	16-QAM	1710.7	-2.10	1 / 0	24.79	22.69	0.186	30.00	-7.31
	64-QAM	1732.5	-2.10	1 / 0	23.78	21.68	0.147	30.00	-8.32
	256-QAM	1732.5	-2.10	6 / 0	20.91	18.81	0.076	30.00	-11.19
3 MHz	QPSK	1711.5	-2.10	1 / 0	25.39	23.29	0.213	30.00	-6.71
		1732.5	-2.10	1 / 0	25.50	23.40	0.219	30.00	-6.60
		1753.5	-2.10	1 / 0	25.24	23.14	0.206	30.00	-6.86
	16-QAM	1732.5	-2.10	1 / 0	24.84	22.74	0.188	30.00	-7.26
	64-QAM	1732.5	-2.10	1 / 0	23.76	21.66	0.147	30.00	-8.34
	256-QAM	1732.5	-2.10	15 / 0	20.86	18.76	0.075	30.00	-11.24
5 MHz	QPSK	1712.5	-2.10	1 / 24	25.52	23.42	0.220	30.00	-6.58
		1732.5	-2.10	1 / 24	25.70	23.60	0.229	30.00	-6.40
		1752.5	-2.10	1 / 12	25.25	23.15	0.207	30.00	-6.85
	16-QAM	1732.5	-2.10	1 / 24	25.05	22.95	0.197	30.00	-7.05
	64-QAM	1712.5	-2.10	1 / 12	23.69	21.59	0.144	30.00	-8.41
	256-QAM	1732.5	-2.10	25 / 0	20.96	18.86	0.077	30.00	-11.14
10 MHz	QPSK	1715.0	-2.10	1 / 49	25.47	23.37	0.217	30.00	-6.63
		1732.5	-2.10	1 / 0	25.51	23.41	0.219	30.00	-6.59
		1750.0	-2.10	1 / 25	25.28	23.18	0.208	30.00	-6.82
	16-QAM	1732.5	-2.10	1 / 25	24.92	22.82	0.191	30.00	-7.18
	64-QAM	1732.5	-2.10	1 / 25	23.90	21.80	0.151	30.00	-8.20
	256-QAM	1732.5	-2.10	50 / 0	20.98	18.88	0.077	30.00	-11.12
15 MHz	QPSK	1717.5	-2.10	1 / 0	25.51	23.41	0.219	30.00	-6.59
		1732.5	-2.10	1 / 0	25.43	23.33	0.215	30.00	-6.67
		1747.5	-2.10	1 / 0	25.29	23.19	0.208	30.00	-6.81
	16-QAM	1732.5	-2.10	1 / 0	24.93	22.83	0.192	30.00	-7.17
	64-QAM	1732.5	-2.10	1 / 0	23.70	21.60	0.145	30.00	-8.40
	256-QAM	1732.5	-2.10	75 / 0	20.91	18.81	0.076	30.00	-11.19
20 MHz	QPSK	1720.0	-2.10	1 / 0	25.43	23.33	0.215	30.00	-6.67
		1732.5	-2.10	1 / 0	25.24	23.14	0.206	30.00	-6.86
		1745.0	-2.10	1 / 0	25.43	23.33	0.215	30.00	-6.67
	16-QAM	1745.0	-2.10	1 / 0	24.85	22.75	0.188	30.00	-7.25
	64-QAM	1720.0	-2.10	1 / 0	23.77	21.67	0.147	30.00	-8.33
	256-QAM	1732.5	-2.10	100 / 0	20.91	18.81	0.076	30.00	-11.19

Table 7-8. Antenna 1 EIRP Data (LTE Band 4)

FCC ID: BCGA3358	 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	-1.80	1 / 0	24.65	20.70	0.117	34.77	-14.07
		680.5	-1.80	1 / 24	24.70	20.75	0.119	34.77	-14.02
		695.5	-1.80	1 / 12	24.34	20.39	0.109	34.77	-14.38
	16-QAM	665.5	-1.80	1 / 0	24.08	20.13	0.103	34.77	-14.64
	64-QAM	680.5	-1.80	1 / 0	22.75	18.80	0.076	34.77	-15.97
	256-QAM	680.5	-1.80	25 / 0	20.00	16.05	0.040	34.77	-18.72
10 MHz	QPSK	668.0	-1.80	1 / 25	24.41	20.46	0.111	34.77	-14.31
		680.5	-1.80	1 / 0	24.51	20.56	0.114	34.77	-14.21
		693.0	-1.80	1 / 0	24.42	20.47	0.111	34.77	-14.30
	16-QAM	693.0	-1.80	1 / 0	23.79	19.84	0.096	34.77	-14.93
	64-QAM	680.5	-1.80	1 / 0	22.85	18.90	0.078	34.77	-15.87
	256-QAM	680.5	-1.80	50 / 0	20.03	16.08	0.041	34.77	-18.69
15 MHz	QPSK	670.5	-1.80	1 / 0	24.51	20.56	0.114	34.77	-14.21
		680.5	-1.80	1 / 0	24.51	20.56	0.114	34.77	-14.21
		690.5	-1.80	1 / 0	24.33	20.38	0.109	34.77	-14.39
	16-QAM	680.5	-1.80	1 / 0	24.04	20.09	0.102	34.77	-14.68
	64-QAM	680.5	-1.80	1 / 0	22.82	18.87	0.077	34.77	-15.90
	256-QAM	680.5	-1.80	75 / 0	19.95	16.00	0.040	34.77	-18.77
20 MHz	QPSK	673.0	-1.80	1 / 0	24.44	20.49	0.112	34.77	-14.28
		680.5	-1.80	1 / 0	24.28	20.33	0.108	34.77	-14.44
		688.0	-1.80	1 / 0	24.43	20.48	0.112	34.77	-14.29
	16-QAM	688.0	-1.80	1 / 0	23.75	19.80	0.095	34.77	-14.97
	64-QAM	680.5	-1.80	1 / 0	22.70	18.75	0.075	34.77	-16.02
	256-QAM	680.5	-1.80	100 / 0	19.96	16.01	0.040	34.77	-18.76

Table 7-9. Antenna 1 ERP Data (LTE Band 71)

FCC ID: BCGA3358	 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	-2.10	1 / 0	24.45	20.20	0.105	34.77	-14.57
		707.5	-2.10	1 / 0	24.66	20.41	0.110	34.77	-14.36
		715.3	-2.10	1 / 0	24.42	20.17	0.104	34.77	-14.60
	16-QAM	699.7	-2.10	1 / 0	23.80	19.55	0.090	34.77	-15.22
	64-QAM	707.5	-2.10	1 / 0	22.76	18.51	0.071	34.77	-16.26
	256-QAM	707.5	-2.10	6 / 0	19.83	15.58	0.036	34.77	-19.19
3 MHz	QPSK	700.5	-2.10	1 / 0	24.29	20.04	0.101	34.77	-14.73
		707.5	-2.10	1 / 0	24.43	20.18	0.104	34.77	-14.59
		714.5	-2.10	1 / 0	24.38	20.13	0.103	34.77	-14.64
	16-QAM	707.5	-2.10	1 / 0	23.86	19.61	0.091	34.77	-15.16
	64-QAM	707.5	-2.10	1 / 0	22.73	18.48	0.070	34.77	-16.29
	256-QAM	714.5	-2.10	15 / 0	19.80	15.55	0.036	34.77	-19.22
5 MHz	QPSK	701.5	-2.10	1 / 0	24.44	20.19	0.104	34.77	-14.58
		707.5	-2.10	1 / 12	24.70	20.45	0.111	34.77	-14.32
		713.5	-2.10	1 / 0	24.31	20.06	0.101	34.77	-14.71
	16-QAM	707.5	-2.10	1 / 12	23.96	19.71	0.094	34.77	-15.06
	64-QAM	707.5	-2.10	1 / 0	22.72	18.47	0.070	34.77	-16.30
	256-QAM	713.5	-2.10	25 / 0	19.94	15.69	0.037	34.77	-19.08
10 MHz	QPSK	704.0	-2.10	1 / 49	24.41	20.16	0.104	34.77	-14.61
		707.5	-2.10	1 / 0	24.48	20.23	0.105	34.77	-14.54
		711.0	-2.10	1 / 0	24.45	20.20	0.105	34.77	-14.57
	16-QAM	711.0	-2.10	1 / 25	23.91	19.66	0.092	34.77	-15.11
	64-QAM	707.5	-2.10	1 / 49	22.76	18.51	0.071	34.77	-16.26
	256-QAM	707.5	-2.10	50 / 0	19.99	15.74	0.037	34.77	-19.03

Table 7-10. Antenna 1 ERP Data (LTE Band 12)

FCC ID: BCGA3358	 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	-2.10	1 / 0	24.68	20.43	0.110	34.77	-14.34
		710.0	-2.10	1 / 12	24.70	20.45	0.111	34.77	-14.32
		713.5	-2.10	1 / 0	24.40	20.15	0.104	34.77	-14.62
	16-QAM	706.5	-2.10	1 / 0	24.00	19.75	0.094	34.77	-15.02
	64-QAM	706.5	-2.10	1 / 0	22.82	18.57	0.072	34.77	-16.20
	256-QAM	713.5	-2.10	25 / 0	19.99	15.74	0.037	34.77	-19.03
10 MHz	QPSK	709.0	-2.10	1 / 49	24.52	20.27	0.106	34.77	-14.50
		710.0	-2.10	1 / 49	24.53	20.28	0.107	34.77	-14.49
		711.0	-2.10	1 / 25	24.55	20.30	0.107	34.77	-14.47
	16-QAM	711.0	-2.10	1 / 0	23.89	19.64	0.092	34.77	-15.13
	64-QAM	711.0	-2.10	1 / 25	22.97	18.72	0.074	34.77	-16.05
	256-QAM	711.0	-2.10	50 / 0	20.04	15.79	0.038	34.77	-18.98

Table 7-11. Antenna 1 ERP Data (LTE Band 17)

FCC ID: BCGA3358	 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	-1.90	1 / 12	24.43	20.38	0.109	34.77	-14.39
		782.0	-1.90	1 / 12	24.47	20.42	0.110	34.77	-14.35
		784.5	-1.90	1 / 0	24.21	20.16	0.104	34.77	-14.61
	16-QAM	779.5	-1.90	1 / 12	23.83	19.78	0.095	34.77	-14.99
	64-QAM	779.5	-1.90	1 / 0	22.55	18.50	0.071	34.77	-16.27
10 MHz	256-QAM	779.5	-1.90	25 / 0	19.82	15.77	0.038	34.77	-19.00
	QPSK	782.0	-1.90	1 / 25	24.29	20.24	0.106	34.77	-14.53
		782.0	-1.90	1 / 25	23.61	19.56	0.090	34.77	-15.21
		782.0	-1.90	1 / 49	22.53	18.48	0.070	34.77	-16.29
	256-QAM	782.0	-1.90	50 / 0	19.80	15.75	0.038	34.77	-19.02

Table 7-12. Antenna 1 ERP Data (LTE Band 13)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device	Page 289 of 359

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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	-2.10	25 / 0	25.55	23.45	0.221	30.00	-6.55
		1745.0	-2.10	25 / 0	25.51	23.41	0.219	30.00	-6.59
		1777.5	-2.10	25 / 0	25.51	23.41	0.219	30.00	-6.59
	QPSK	1712.5	-2.10	1 / 24	25.53	23.43	0.220	30.00	-6.57
		1745.0	-2.10	1 / 1	25.50	23.40	0.219	30.00	-6.60
		1777.5	-2.10	1 / 1	25.44	23.34	0.216	30.00	-6.66
	16-QAM	1712.5	-2.10	1 / 12	24.35	22.25	0.168	30.00	-7.75
	64-QAM	1712.5	-2.10	25 / 0	23.64	21.54	0.142	30.00	-8.46
10 MHz	π/2 BPSK	1745.0	-2.10	25 / 0	21.64	19.54	0.090	30.00	-10.46
		1715.0	-2.10	50 / 0	25.64	23.54	0.226	30.00	-6.46
		1745.0	-2.10	1 / 50	25.59	23.49	0.223	30.00	-6.51
	QPSK	1775.0	-2.10	50 / 0	25.53	23.43	0.220	30.00	-6.57
		1715.0	-2.10	1 / 1	25.57	23.47	0.222	30.00	-6.53
		1745.0	-2.10	1 / 50	25.58	23.48	0.223	30.00	-6.52
	16-QAM	1775.0	-2.10	1 / 1	25.46	23.36	0.217	30.00	-6.64
		1745.0	-2.10	1 / 1	24.39	22.29	0.169	30.00	-7.71
15 MHz	π/2 BPSK	1715.0	-2.10	50 / 0	23.52	21.42	0.139	30.00	-8.58
		1715.0	-2.10	50 / 0	21.62	19.52	0.090	30.00	-10.48
		1715.0	-2.10	50 / 0	21.62	19.52	0.090	30.00	-10.48
	QPSK	1717.5	-2.10	75 / 0	25.43	23.33	0.215	30.00	-6.67
		1745.0	-2.10	1 / 77	25.52	23.42	0.220	30.00	-6.58
		1772.5	-2.10	75 / 0	25.42	23.32	0.215	30.00	-6.68
	16-QAM	1717.5	-2.10	1 / 77	25.55	23.45	0.221	30.00	-6.55
		1745.0	-2.10	1 / 1	25.50	23.40	0.219	30.00	-6.60
20 MHz	π/2 BPSK	1772.5	-2.10	1 / 36	25.56	23.46	0.222	30.00	-6.54
		1717.5	-2.10	1 / 1	24.34	22.24	0.167	30.00	-7.76
		1772.5	-2.10	75 / 0	23.50	21.40	0.138	30.00	-8.60
	QPSK	1745.0	-2.10	75 / 0	21.45	19.35	0.086	30.00	-10.65
		1720.0	-2.10	100 / 0	25.51	23.41	0.219	30.00	-6.59
		1745.0	-2.10	1 / 1	25.48	23.38	0.218	30.00	-6.62
	16-QAM	1720.0	-2.10	100 / 0	25.48	23.38	0.218	30.00	-6.62
		1745.0	-2.10	1 / 104	25.56	23.46	0.222	30.00	-6.54
25 MHz	π/2 BPSK	1745.0	-2.10	1 / 1	25.53	23.43	0.220	30.00	-6.57
		1770.0	-2.10	1 / 1	25.39	23.29	0.213	30.00	-6.71
		1770.0	-2.10	1 / 104	24.39	22.29	0.170	30.00	-7.71
	QPSK	1720.0	-2.10	100 / 0	23.65	21.55	0.143	30.00	-8.45
		1720.0	-2.10	100 / 0	21.59	19.49	0.089	30.00	-10.51
	16-QAM	1722.5	-2.10	128 / 0	25.52	23.42	0.220	30.00	-6.58
		1745.0	-2.10	128 / 0	25.49	23.39	0.218	30.00	-6.61
		1767.5	-2.10	128 / 0	25.51	23.41	0.219	30.00	-6.59
30 MHz	π/2 BPSK	1722.5	-2.10	1 / 64	25.41	23.31	0.214	30.00	-6.69
		1745.0	-2.10	1 / 64	25.34	23.24	0.211	30.00	-6.76
		1767.5	-2.10	1 / 64	25.42	23.32	0.215	30.00	-6.68
	QPSK	1722.5	-2.10	1 / 131	24.30	22.20	0.166	30.00	-7.80
		1722.5	-2.10	128 / 0	23.57	21.47	0.140	30.00	-8.53
		1722.5	-2.10	128 / 0	21.54	19.44	0.088	30.00	-10.56
	16-QAM	1725.0	-2.10	1 / 158	25.55	23.45	0.221	30.00	-6.55
		1745.0	-2.10	1 / 1	25.50	23.40	0.219	30.00	-6.60
35 MHz	π/2 BPSK	1765.0	-2.10	160 / 0	25.51	23.41	0.219	30.00	-6.59
		1725.0	-2.10	1 / 1	25.70	23.60	0.229	30.00	-6.40
		1745.0	-2.10	1 / 1	25.64	23.54	0.226	30.00	-6.46
	QPSK	1765.0	-2.10	1 / 158	25.53	23.43	0.220	30.00	-6.57
		1725.0	-2.10	1 / 80	24.43	22.33	0.171	30.00	-7.67
		1725.0	-2.10	160 / 0	23.65	21.55	0.143	30.00	-8.45
	16-QAM	1725.0	-2.10	160 / 0	21.64	19.54	0.090	30.00	-10.46
		1725.0	-2.10	180 / 0	25.63	23.53	0.225	30.00	-6.47
40 MHz	π/2 BPSK	1745.0	-2.10	180 / 0	25.45	23.35	0.216	30.00	-6.65
		1762.5	-2.10	180 / 0	25.50	23.40	0.219	30.00	-6.60
		1762.5	-2.10	180 / 0	25.50	23.40	0.219	30.00	-6.60
	QPSK	1725.0	-2.10	1 / 90	25.53	23.43	0.220	30.00	-6.57
		1745.0	-2.10	1 / 1	25.54	23.44	0.221	30.00	-6.56
		1765.0	-2.10	1 / 90	25.54	23.44	0.221	30.00	-6.56
	16-QAM	1745.0	-2.10	1 / 1	24.35	22.25	0.168	30.00	-7.75
		1725.0	-2.10	180 / 0	23.53	21.43	0.139	30.00	-8.57
45 MHz	π/2 BPSK	1725.0	-2.10	180 / 0	21.54	19.44	0.088	30.00	-10.56
		1730.0	-2.10	216 / 0	25.50	23.40	0.219	30.00	-6.60
		1745.0	-2.10	216 / 0	25.45	23.35	0.216	30.00	-6.65
	QPSK	1760.0	-2.10	216 / 0	25.48	23.38	0.218	30.00	-6.62
		1730.0	-2.10	1 / 214	25.67	23.57	0.228	30.00	-6.43
		1745.0	-2.10	1 / 1	25.50	23.40	0.219	30.00	-6.60
	16-QAM	1760.0	-2.10	1 / 214	25.54	23.44	0.221	30.00	-6.56
		1745.0	-2.10	1 / 1	24.41	22.31	0.170	30.00	-7.69
50 MHz	π/2 BPSK	1730.0	-2.10	216 / 0	23.55	21.45	0.140	30.00	-8.55
		1730.0	-2.10	216 / 0	21.60	19.50	0.089	30.00	-10.50
		1732.5	-2.10	1 / 120	25.53	23.43	0.220	30.00	-6.57
	QPSK	1745.0	-2.10	240 / 0	25.50	23.40	0.219	30.00	-6.60
		1757.5	-2.10	240 / 0	25.54	23.44	0.221	30.00	-6.56
		1732.5	-2.10	1 / 1	25.57	23.47	0.223	30.00	-6.53
	16-QAM	1745.0	-2.10	1 / 120	25.65	23.55	0.226	30.00	-6.45
		1757.5	-2.10	1 / 240	25.42	23.32	0.215	30.00	-6.68
55 MHz	π/2 BPSK	1732.5	-2.10	1 / 120	24.40	22.30	0.170	30.00	-7.70
		1732.5	-2.10	240 / 0	23.53	21.43	0.139	30.00	-8.57
		1732.5	-2.10	240 / 0	21.54	19.44	0.088	30.00	-10.56
	QPSK	1732.5	-2.10	1 / 120	24.40	22.30	0.170	30.00	-7.70
		1732.5	-2.10	240 / 0	23.53	21.43	0.139	30.00	-8.57
		1732.5	-2.10	240 / 0	21.54	19.44	0.088	30.00	-10.56
	16-QAM	1732.5	-2.10	1 / 120	24.40	22.30	0.170	30.00	-7.70
		1732.5	-2.10	240 / 0	23.53	21.43	0.139	30.00	-8.57
		1732.5	-2.10	240 / 0	21.54	19.44	0.088	30.00	-10.56

Table 7-13. Antenna 1 EIRP Data (NR Band n66)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	-4.20	25 / 0	25.63	21.43	0.139	30.00	-8.57
		1702.5	-4.20	25 / 0	25.61	21.41	0.138	30.00	-8.59
		1707.5	-4.20	25 / 0	25.55	21.35	0.136	30.00	-8.65
	QPSK	1697.5	-4.20	1 / 12	25.61	21.41	0.138	30.00	-8.59
		1702.5	-4.20	1 / 12	25.59	21.39	0.138	30.00	-8.61
		1707.5	-4.20	1 / 24	25.67	21.47	0.140	30.00	-8.53
	16-QAM	1697.5	-4.20	1 / 12	24.43	20.23	0.105	30.00	-9.77
	64-QAM	1697.5	-4.20	25 / 0	23.71	19.51	0.089	30.00	-10.49
	256-QAM	1697.5	-4.20	25 / 0	21.73	17.53	0.057	30.00	-12.47
10 MHz	$\pi/2$ BPSK	1700.0	-4.20	50 / 0	25.70	21.50	0.141	30.00	-8.50
		1702.5	-4.20	50 / 0	25.69	21.49	0.141	30.00	-8.51
		1705.0	-4.20	50 / 0	25.69	21.49	0.141	30.00	-8.51
	QPSK	1700.0	-4.20	1 / 25	25.66	21.46	0.140	30.00	-8.54
		1702.5	-4.20	1 / 1	25.63	21.43	0.139	30.00	-8.57
		1705.0	-4.20	1 / 50	25.60	21.40	0.138	30.00	-8.60
	16-QAM	1705.0	-4.20	1 / 50	24.46	20.26	0.106	30.00	-9.74
	64-QAM	1700.0	-4.20	50 / 0	23.72	19.52	0.089	30.00	-10.48
15 MHz	256-QAM	1700.0	-4.20	50 / 0	21.77	17.57	0.057	30.00	-12.43
	$\pi/2$ BPSK	1702.5	-4.20	75 / 0	25.64	21.44	0.139	30.00	-8.56
	QPSK	1702.5	-4.20	1 / 1	25.63	21.43	0.139	30.00	-8.57
	16-QAM	1702.5	-4.20	1 / 36	24.44	20.24	0.106	30.00	-9.76
	64-QAM	1702.5	-4.20	75 / 0	23.70	19.50	0.089	30.00	-10.50
	256-QAM	1702.5	-4.20	75 / 0	21.68	17.48	0.056	30.00	-12.52

Table 7-14. Antenna 1 EIRP Data (NR Band n70)

FCC ID: BCGA3358	 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	-1.80	25 / 0	24.63	20.68	0.117	34.77	-14.09
		680.5	-1.80	25 / 0	24.53	20.58	0.114	34.77	-14.19
		695.5	-1.80	25 / 0	24.42	20.47	0.111	34.77	-14.30
	QPSK	665.5	-1.80	1 / 24	24.41	20.46	0.111	34.77	-14.31
		680.5	-1.80	1 / 1	24.70	20.75	0.119	34.77	-14.02
		695.5	-1.80	1 / 24	24.59	20.64	0.116	34.77	-14.13
	16-QAM	665.5	-1.80	1 / 24	23.37	19.42	0.088	34.77	-15.35
	64-QAM	680.5	-1.80	25 / 0	22.60	18.65	0.073	34.77	-16.12
	256-QAM	680.5	-1.80	25 / 0	20.49	16.54	0.045	34.77	-18.23
10 MHz	$\pi/2$ BPSK	668.0	-1.80	50 / 0	24.60	20.65	0.116	34.77	-14.13
		680.5	-1.80	50 / 0	24.62	20.67	0.117	34.77	-14.10
		693.0	-1.80	50 / 0	24.61	20.66	0.116	34.77	-14.11
	QPSK	668.0	-1.80	1 / 50	24.52	20.57	0.114	34.77	-14.20
		680.5	-1.80	1 / 1	24.65	20.70	0.117	34.77	-14.07
		693.0	-1.80	1 / 1	24.61	20.66	0.116	34.77	-14.11
	16-QAM	693.0	-1.80	1 / 1	23.41	19.46	0.088	34.77	-15.31
	64-QAM	693.0	-1.80	50 / 0	22.53	18.58	0.072	34.77	-16.19
	256-QAM	680.5	-1.80	50 / 0	20.56	16.61	0.046	34.77	-18.16
15 MHz	$\pi/2$ BPSK	670.5	-1.80	1 / 77	24.53	20.58	0.114	34.77	-14.19
		680.5	-1.80	75 / 0	24.48	20.53	0.113	34.77	-14.24
		690.5	-1.80	75 / 0	24.45	20.50	0.112	34.77	-14.27
	QPSK	670.5	-1.80	1 / 77	24.55	20.60	0.115	34.77	-14.17
		680.5	-1.80	1 / 77	24.44	20.49	0.112	34.77	-14.28
		690.5	-1.80	1 / 77	24.52	20.57	0.114	34.77	-14.20
	16-QAM	670.5	-1.80	1 / 1	23.43	19.48	0.089	34.77	-15.29
	64-QAM	690.5	-1.80	75 / 0	22.50	18.55	0.072	34.77	-16.22
	256-QAM	680.5	-1.80	75 / 0	20.43	16.48	0.044	34.77	-18.29
20 MHz	$\pi/2$ BPSK	673.0	-1.80	100 / 0	24.48	20.53	0.113	34.77	-14.24
		680.5	-1.80	100 / 0	24.48	20.53	0.113	34.77	-14.24
		688.0	-1.80	100 / 0	24.52	20.57	0.114	34.77	-14.20
	QPSK	673.0	-1.80	1 / 50	24.38	20.43	0.110	34.77	-14.34
		680.5	-1.80	1 / 104	24.44	20.49	0.112	34.77	-14.28
		688.0	-1.80	1 / 50	24.47	20.52	0.113	34.77	-14.25
	16-QAM	680.5	-1.80	1 / 104	23.30	19.35	0.086	34.77	-15.43
	64-QAM	688.0	-1.80	100 / 0	22.55	18.60	0.073	34.77	-16.17
	256-QAM	688.0	-1.80	100 / 0	20.58	16.63	0.046	34.77	-18.14

Table 7-15. Antenna 1 ERP Data (NR Band n71)

FCC ID: BCGA3358	 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	-2.10	25 / 0	24.58	20.33	0.108	34.77	-14.44
		707.5	-2.10	25 / 0	24.58	20.33	0.108	34.77	-14.45
		713.5	-2.10	25 / 0	24.55	20.30	0.107	34.77	-14.47
	QPSK	701.5	-2.10	1 / 1	24.68	20.43	0.110	34.77	-14.34
		707.5	-2.10	1 / 1	24.66	20.41	0.110	34.77	-14.36
		713.5	-2.10	1 / 1	24.59	20.34	0.108	34.77	-14.43
	16-QAM	701.5	-2.10	1 / 24	23.41	19.16	0.082	34.77	-15.61
	64-QAM	707.5	-2.10	25 / 0	22.64	18.39	0.069	34.77	-16.38
	256-QAM	713.5	-2.10	25 / 0	20.59	16.34	0.043	34.77	-18.43
10 MHz	$\pi/2$ BPSK	704.0	-2.10	50 / 0	24.56	20.31	0.107	34.77	-14.46
		707.5	-2.10	50 / 0	24.65	20.40	0.110	34.77	-14.37
		711.0	-2.10	50 / 0	24.70	20.45	0.111	34.77	-14.32
	QPSK	704.0	-2.10	1 / 50	24.63	20.38	0.109	34.77	-14.39
		707.5	-2.10	1 / 25	24.57	20.32	0.108	34.77	-14.45
		711.0	-2.10	1 / 1	24.47	20.22	0.105	34.77	-14.55
	16-QAM	707.5	-2.10	1 / 50	23.49	19.24	0.084	34.77	-15.53
	64-QAM	711.0	-2.10	50 / 0	22.60	18.35	0.068	34.77	-16.42
	256-QAM	711.0	-2.10	50 / 0	20.72	16.47	0.044	34.77	-18.30
15 MHz	$\pi/2$ BPSK	706.5	-2.10	75 / 0	24.58	20.33	0.108	34.77	-14.44
		707.5	-2.10	75 / 0	24.56	20.31	0.107	34.77	-14.46
		708.5	-2.10	75 / 0	24.58	20.33	0.108	34.77	-14.44
	QPSK	706.5	-2.10	1 / 77	24.46	20.21	0.105	34.77	-14.57
		707.5	-2.10	1 / 77	24.52	20.27	0.107	34.77	-14.50
		708.5	-2.10	1 / 36	24.47	20.22	0.105	34.77	-14.55
	16-QAM	708.5	-2.10	1 / 36	23.33	19.08	0.081	34.77	-15.69
	64-QAM	708.5	-2.10	75 / 0	22.60	18.35	0.068	34.77	-16.43
	256-QAM	708.5	-2.10	75 / 0	20.58	16.33	0.043	34.77	-18.45

Table 7-16. Antenna 1 ERP Data (NR Band n12)

FCC ID: BCGA3358	 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	25.46	-2.10	23.36	0.217	30.00	-6.64
1732.60	WCDMA1700	25.36	-2.10	23.26	0.212	30.00	-6.74
1752.60	WCDMA1700	25.42	-2.10	23.32	0.215	30.00	-6.68

Table 7-17. Antenna 1 EIRP Data (WCDMA AWS)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.3 Antenna 3 – 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	-0.10	1 / 0	25.27	25.17	0.329	30.00	-4.83
		1745.0	-0.10	1 / 0	25.47	25.37	0.344	30.00	-4.63
		1779.3	-0.10	1 / 0	25.41	25.31	0.340	30.00	-4.69
	16-QAM	1745.0	-0.10	1 / 5	24.76	24.66	0.292	30.00	-5.34
	64-QAM	1745.0	-0.10	1 / 0	23.74	23.64	0.231	30.00	-6.36
	256-QAM	1745.0	-0.10	6 / 0	20.89	20.79	0.120	30.00	-9.21
3 MHz	QPSK	1711.5	-0.10	1 / 0	25.31	25.21	0.332	30.00	-4.79
		1745.0	-0.10	1 / 0	25.48	25.38	0.345	30.00	-4.62
		1778.5	-0.10	1 / 0	25.44	25.34	0.342	30.00	-4.66
	16-QAM	1745.0	-0.10	1 / 0	25.04	24.94	0.312	30.00	-5.06
	64-QAM	1745.0	-0.10	1 / 0	23.79	23.69	0.234	30.00	-6.31
	256-QAM	1745.0	-0.10	15 / 0	20.93	20.83	0.121	30.00	-9.17
5 MHz	QPSK	1712.5	-0.10	1 / 12	25.41	25.31	0.340	30.00	-4.69
		1745.0	-0.10	1 / 24	25.70	25.60	0.363	30.00	-4.40
		1777.5	-0.10	1 / 12	25.39	25.29	0.338	30.00	-4.71
	16-QAM	1745.0	-0.10	1 / 0	25.05	24.95	0.313	30.00	-5.05
	64-QAM	1745.0	-0.10	1 / 0	23.92	23.82	0.241	30.00	-6.18
	256-QAM	1745.0	-0.10	25 / 0	21.04	20.94	0.124	30.00	-9.06
10 MHz	QPSK	1715.0	-0.10	1 / 49	25.29	25.19	0.330	30.00	-4.81
		1745.0	-0.10	1 / 49	25.52	25.42	0.348	30.00	-4.58
		1775.0	-0.10	1 / 0	25.47	25.37	0.344	30.00	-4.63
	16-QAM	1745.0	-0.10	1 / 0	24.98	24.88	0.308	30.00	-5.12
	64-QAM	1775.0	-0.10	1 / 49	23.88	23.78	0.239	30.00	-6.22
	256-QAM	1745.0	-0.10	50 / 0	21.05	20.95	0.124	30.00	-9.05
15 MHz	QPSK	1717.5	-0.10	1 / 0	25.38	25.28	0.337	30.00	-4.72
		1745.0	-0.10	1 / 0	25.49	25.39	0.346	30.00	-4.61
		1772.5	-0.10	1 / 0	25.41	25.31	0.340	30.00	-4.69
	16-QAM	1745.0	-0.10	1 / 0	25.01	24.91	0.310	30.00	-5.09
	64-QAM	1745.0	-0.10	1 / 0	23.71	23.61	0.230	30.00	-6.39
	256-QAM	1772.5	-0.10	75 / 0	20.92	20.82	0.121	30.00	-9.18
20 MHz	QPSK	1720.0	-0.10	1 / 0	25.43	25.33	0.341	30.00	-4.67
		1745.0	-0.10	1 / 0	25.30	25.20	0.331	30.00	-4.80
		1770.0	-0.10	1 / 0	25.34	25.24	0.334	30.00	-4.76
	16-QAM	1745.0	-0.10	1 / 0	24.77	24.67	0.293	30.00	-5.33
	64-QAM	1745.0	-0.10	1 / 0	23.52	23.42	0.220	30.00	-6.58
	256-QAM	1720.0	-0.10	100 / 0	20.79	20.69	0.117	30.00	-9.31

Table 7-18. Antenna 3 EIRP Data (LTE Band 66)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	-0.10	1 / 0	25.38	25.28	0.337	30.00	-4.72
		1732.5	-0.10	1 / 0	25.47	25.37	0.344	30.00	-4.63
		1754.3	-0.10	1 / 0	25.70	25.60	0.363	30.00	-4.40
	16-QAM	1710.7	-0.10	1 / 0	24.85	24.75	0.299	30.00	-5.25
	64-QAM	1754.3	-0.10	1 / 0	23.79	23.69	0.234	30.00	-6.31
	256-QAM	1754.3	-0.10	6 / 0	20.98	20.88	0.122	30.00	-9.12
3 MHz	QPSK	1711.5	-0.10	1 / 0	25.37	25.27	0.337	30.00	-4.73
		1732.5	-0.10	1 / 0	25.54	25.44	0.350	30.00	-4.56
		1753.5	-0.10	1 / 0	25.47	25.37	0.344	30.00	-4.63
	16-QAM	1732.5	-0.10	1 / 0	24.92	24.82	0.303	30.00	-5.18
	64-QAM	1753.5	-0.10	1 / 0	23.70	23.60	0.229	30.00	-6.40
	256-QAM	1732.5	-0.10	15 / 0	21.02	20.92	0.124	30.00	-9.08
5 MHz	QPSK	1712.5	-0.10	1 / 12	25.48	25.38	0.345	30.00	-4.62
		1732.5	-0.10	1 / 12	25.65	25.55	0.359	30.00	-4.45
		1752.5	-0.10	1 / 12	25.50	25.40	0.347	30.00	-4.60
	16-QAM	1732.5	-0.10	1 / 24	24.96	24.86	0.306	30.00	-5.14
	64-QAM	1752.5	-0.10	1 / 0	23.76	23.66	0.232	30.00	-6.34
	256-QAM	1752.5	-0.10	25 / 0	21.06	20.96	0.125	30.00	-9.04
10 MHz	QPSK	1715.0	-0.10	1 / 49	25.39	25.29	0.338	30.00	-4.71
		1732.5	-0.10	1 / 49	25.44	25.34	0.342	30.00	-4.66
		1750.0	-0.10	1 / 49	25.40	25.30	0.339	30.00	-4.70
	16-QAM	1732.5	-0.10	1 / 0	24.93	24.83	0.304	30.00	-5.17
	64-QAM	1715.0	-0.10	1 / 49	23.80	23.70	0.234	30.00	-6.30
	256-QAM	1732.5	-0.10	50 / 0	21.08	20.98	0.125	30.00	-9.02
15 MHz	QPSK	1717.5	-0.10	1 / 0	25.58	25.48	0.353	30.00	-4.52
		1732.5	-0.10	1 / 0	25.48	25.38	0.345	30.00	-4.62
		1747.5	-0.10	1 / 0	25.38	25.28	0.337	30.00	-4.72
	16-QAM	1747.5	-0.10	1 / 0	24.84	24.74	0.298	30.00	-5.26
	64-QAM	1732.5	-0.10	1 / 0	23.80	23.70	0.234	30.00	-6.30
	256-QAM	1732.5	-0.10	75 / 0	21.00	20.90	0.123	30.00	-9.10
20 MHz	QPSK	1720.0	-0.10	1 / 0	25.46	25.36	0.344	30.00	-4.64
		1732.5	-0.10	1 / 0	25.30	25.20	0.331	30.00	-4.80
		1745.0	-0.10	1 / 0	25.53	25.43	0.349	30.00	-4.57
	16-QAM	1720.0	-0.10	1 / 0	24.81	24.71	0.296	30.00	-5.29
	64-QAM	1732.5	-0.10	1 / 0	23.66	23.56	0.227	30.00	-6.44
	256-QAM	1732.5	-0.10	100 / 0	20.99	20.89	0.123	30.00	-9.11

Table 7-19. Antenna 3 EIRP Data (LTE Band 4)

FCC ID: BCGA3358	 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	-2.70	1 / 0	25.59	20.74	0.119	34.77	-14.03
		680.5	-2.70	1 / 0	25.70	20.85	0.122	34.77	-13.92
		695.5	-2.70	1 / 12	25.28	20.43	0.110	34.77	-14.34
	16-QAM	665.5	-2.70	1 / 24	24.98	20.13	0.103	34.77	-14.64
	64-QAM	680.5	-2.70	1 / 12	23.80	18.95	0.079	34.77	-15.82
	256-QAM	665.5	-2.70	25 / 0	20.95	16.10	0.041	34.77	-18.67
10 MHz	QPSK	668.0	-2.70	1 / 0	25.40	20.55	0.114	34.77	-14.22
		680.5	-2.70	1 / 0	25.53	20.68	0.117	34.77	-14.09
		693.0	-2.70	1 / 49	25.41	20.56	0.114	34.77	-14.21
	16-QAM	693.0	-2.70	1 / 49	24.79	19.94	0.099	34.77	-14.83
	64-QAM	680.5	-2.70	1 / 49	23.75	18.90	0.078	34.77	-15.87
	256-QAM	668.0	-2.70	50 / 0	21.02	16.17	0.041	34.77	-18.60
15 MHz	QPSK	670.5	-2.70	1 / 0	25.53	20.68	0.117	34.77	-14.09
		680.5	-2.70	1 / 0	25.49	20.64	0.116	34.77	-14.13
		690.5	-2.70	1 / 0	25.39	20.54	0.113	34.77	-14.23
	16-QAM	680.5	-2.70	1 / 0	24.85	20.00	0.100	34.77	-14.77
	64-QAM	670.5	-2.70	1 / 0	23.74	18.89	0.077	34.77	-15.88
	256-QAM	670.5	-2.70	75 / 0	20.96	16.11	0.041	34.77	-18.66
20 MHz	QPSK	673.0	-2.70	1 / 0	25.47	20.62	0.115	34.77	-14.15
		680.5	-2.70	1 / 0	25.23	20.38	0.109	34.77	-14.39
		688.0	-2.70	1 / 0	25.43	20.58	0.114	34.77	-14.19
	16-QAM	688.0	-2.70	1 / 0	24.88	20.03	0.101	34.77	-14.74
	64-QAM	680.5	-2.70	1 / 0	23.65	18.80	0.076	34.77	-15.97
	256-QAM	673.0	-2.70	100 / 0	20.91	16.06	0.040	34.77	-18.71

Table 7-20. Antenna 3 ERP Data (LTE Band 71)

FCC ID: BCGA3358	 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	-3.40	1 / 0	25.27	19.72	0.094	34.77	-15.05
		707.5	-3.40	1 / 0	25.55	20.00	0.100	34.77	-14.77
		715.3	-3.40	1 / 0	25.40	19.85	0.097	34.77	-14.92
	16-QAM	715.3	-3.40	1 / 0	24.82	19.27	0.085	34.77	-15.50
	64-QAM	715.3	-3.40	1 / 0	23.83	18.28	0.067	34.77	-16.49
	256-QAM	715.3	-3.40	6 / 0	20.97	15.42	0.035	34.77	-19.35
3 MHz	QPSK	700.5	-3.40	1 / 0	25.56	20.01	0.100	34.77	-14.76
		707.5	-3.40	1 / 0	25.38	19.83	0.096	34.77	-14.94
		714.5	-3.40	1 / 0	25.35	19.80	0.095	34.77	-14.97
	16-QAM	700.5	-3.40	1 / 0	24.72	19.17	0.083	34.77	-15.60
	64-QAM	714.5	-3.40	1 / 0	23.75	18.20	0.066	34.77	-16.57
	256-QAM	714.5	-3.40	15 / 0	20.94	15.39	0.035	34.77	-19.38
5 MHz	QPSK	701.5	-3.40	1 / 0	25.49	19.94	0.099	34.77	-14.83
		707.5	-3.40	1 / 12	25.49	19.94	0.099	34.77	-14.83
		713.5	-3.40	1 / 0	25.70	20.15	0.104	34.77	-14.62
	16-QAM	707.5	-3.40	1 / 24	24.90	19.35	0.086	34.77	-15.42
	64-QAM	701.5	-3.40	1 / 12	23.81	18.26	0.067	34.77	-16.51
	256-QAM	713.5	-3.40	25 / 0	20.98	15.43	0.035	34.77	-19.34
10 MHz	QPSK	704.0	-3.40	1 / 49	25.65	20.10	0.102	34.77	-14.67
		707.5	-3.40	1 / 0	25.41	19.86	0.097	34.77	-14.91
		711.0	-3.40	1 / 0	25.33	19.78	0.095	34.77	-14.99
	16-QAM	707.5	-3.40	1 / 25	24.90	19.35	0.086	34.77	-15.42
	64-QAM	704.0	-3.40	1 / 49	23.89	18.34	0.068	34.77	-16.43
	256-QAM	711.0	-3.40	50 / 0	21.11	15.56	0.036	34.77	-19.21

Table 7-21. Antenna 3 ERP Data (LTE Band 12)

FCC ID: BCGA3358	 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	-3.40	1 / 24	25.54	19.99	0.100	34.77	-14.78
		710.0	-3.40	1 / 24	25.70	20.15	0.104	34.77	-14.62
		713.5	-3.40	1 / 0	25.38	19.83	0.096	34.77	-14.94
	16-QAM	706.5	-3.40	1 / 24	24.93	19.38	0.087	34.77	-15.39
	64-QAM	710.0	-3.40	1 / 24	23.72	18.17	0.066	34.77	-16.60
	256-QAM	713.5	-3.40	25 / 0	20.94	15.39	0.035	34.77	-19.38
10 MHz	QPSK	709.0	-3.40	1 / 0	25.45	19.90	0.098	34.77	-14.87
		710.0	-3.40	1 / 49	25.44	19.89	0.097	34.77	-14.88
		711.0	-3.40	1 / 0	25.45	19.90	0.098	34.77	-14.87
	16-QAM	709.0	-3.40	1 / 0	24.82	19.27	0.085	34.77	-15.50
	64-QAM	709.0	-3.40	1 / 49	23.75	18.20	0.066	34.77	-16.57
	256-QAM	711.0	-3.40	50 / 0	21.02	15.47	0.035	34.77	-19.30

Table 7-22. Antenna 3 ERP Data (LTE Band 17)

FCC ID: BCGA3358	 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 / 12	25.51	22.16	0.164	34.77	-12.61
		782.0	-1.20	1 / 24	25.20	21.85	0.153	34.77	-12.92
		784.5	-1.20	1 / 24	25.42	22.07	0.161	34.77	-12.70
	16-QAM	779.5	-1.20	1 / 12	24.88	21.53	0.142	34.77	-13.24
	64-QAM	784.5	-1.20	1 / 12	23.57	20.22	0.105	34.77	-14.55
10 MHz	256-QAM	782.0	-1.20	25 / 0	20.83	17.48	0.056	34.77	-17.29
	QPSK	782.0	-1.20	1 / 25	25.33	21.98	0.158	34.77	-12.79
	16-QAM	782.0	-1.20	1 / 0	24.74	21.39	0.138	34.77	-13.38
	64-QAM	782.0	-1.20	1 / 49	23.67	20.32	0.108	34.77	-14.45
	256-QAM	782.0	-1.20	50 / 0	20.90	17.55	0.057	34.77	-17.22

Table 7-23. Antenna 3 ERP Data (LTE Band 13)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device	Page 300 of 359

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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	-0.10	25 / 0	25.58	25.48	0.353	30.00	-4.52
		1745.0	-0.10	1 / 12	25.66	25.56	0.360	30.00	-4.44
		1777.5	-0.10	25 / 0	25.55	25.45	0.351	30.00	-4.55
	QPSK	1712.5	-0.10	1 / 24	25.55	25.45	0.351	30.00	-4.55
		1745.0	-0.10	1 / 1	25.67	25.57	0.361	30.00	-4.43
		1777.5	-0.10	1 / 1	25.51	25.41	0.348	30.00	-4.59
	16-QAM	1745.0	-0.10	1 / 24	24.44	24.34	0.271	30.00	-5.66
	64-QAM	1745.0	-0.10	25 / 0	23.67	23.57	0.228	30.00	-6.43
	256-QAM	1745.0	-0.10	25 / 0	21.75	21.65	0.146	30.00	-8.35
10 MHz	π/2 BPSK	1715.0	-0.10	1 / 1	25.59	25.49	0.354	30.00	-4.51
		1745.0	-0.10	50 / 0	25.65	25.55	0.359	30.00	-4.45
		1775.0	-0.10	50 / 0	25.53	25.43	0.349	30.00	-4.57
	QPSK	1715.0	-0.10	1 / 1	25.57	25.47	0.352	30.00	-4.53
		1745.0	-0.10	1 / 1	25.57	25.47	0.352	30.00	-4.53
		1775.0	-0.10	1 / 1	25.52	25.42	0.348	30.00	-4.58
	16-QAM	1715.0	-0.10	1 / 50	24.42	24.32	0.270	30.00	-5.68
	64-QAM	1745.0	-0.10	50 / 0	23.62	23.52	0.225	30.00	-6.48
	256-QAM	1745.0	-0.10	50 / 0	21.74	21.64	0.146	30.00	-8.36
15 MHz	π/2 BPSK	1717.5	-0.10	75 / 0	25.47	25.37	0.344	30.00	-4.63
		1745.0	-0.10	75 / 0	25.55	25.45	0.351	30.00	-4.55
		1772.5	-0.10	1 / 77	25.46	25.36	0.344	30.00	-4.64
	QPSK	1717.5	-0.10	1 / 1	25.51	25.41	0.347	30.00	-4.59
		1745.0	-0.10	1 / 1	25.60	25.50	0.355	30.00	-4.50
		1772.5	-0.10	1 / 77	25.50	25.40	0.347	30.00	-4.60
	16-QAM	1717.5	-0.10	1 / 77	24.40	24.30	0.269	30.00	-5.70
	64-QAM	1745.0	-0.10	75 / 0	23.67	23.57	0.228	30.00	-6.43
	256-QAM	1745.0	-0.10	75 / 0	21.68	21.58	0.144	30.00	-8.42
20 MHz	π/2 BPSK	1720.0	-0.10	100 / 0	25.61	25.51	0.356	30.00	-4.49
		1745.0	-0.10	100 / 0	25.61	25.51	0.356	30.00	-4.49
		1770.0	-0.10	100 / 0	25.58	25.48	0.353	30.00	-4.52
	QPSK	1720.0	-0.10	1 / 104	25.54	25.44	0.350	30.00	-4.56
		1745.0	-0.10	1 / 1	25.55	25.45	0.351	30.00	-4.55
		1770.0	-0.10	1 / 1	25.52	25.42	0.348	30.00	-4.58
	16-QAM	1745.0	-0.10	1 / 104	24.33	24.23	0.265	30.00	-5.77
	64-QAM	1745.0	-0.10	100 / 0	23.65	23.55	0.227	30.00	-6.45
	256-QAM	1720.0	-0.10	100 / 0	21.58	21.48	0.141	30.00	-8.52
25 MHz	π/2 BPSK	1722.5	-0.10	128 / 0	25.51	25.41	0.348	30.00	-4.59
		1745.0	-0.10	128 / 0	25.54	25.44	0.350	30.00	-4.56
		1767.5	-0.10	128 / 0	25.53	25.43	0.349	30.00	-4.57
	QPSK	1722.5	-0.10	1 / 1	25.52	25.42	0.348	30.00	-4.58
		1745.0	-0.10	1 / 64	25.54	25.44	0.350	30.00	-4.56
		1767.5	-0.10	1 / 64	25.48	25.38	0.345	30.00	-4.62
	16-QAM	1767.5	-0.10	1 / 64	24.37	24.27	0.267	30.00	-5.73
	64-QAM	1745.0	-0.10	128 / 0	23.74	23.64	0.231	30.00	-6.36
	256-QAM	1745.0	-0.10	128 / 0	21.78	21.68	0.147	30.00	-8.32
30 MHz	π/2 BPSK	1725.0	-0.10	160 / 0	25.62	25.52	0.356	30.00	-4.48
		1745.0	-0.10	160 / 0	25.60	25.50	0.355	30.00	-4.50
		1765.0	-0.10	160 / 0	25.62	25.52	0.356	30.00	-4.48
	QPSK	1725.0	-0.10	1 / 158	25.60	25.50	0.355	30.00	-4.50
		1745.0	-0.10	1 / 1	25.60	25.50	0.355	30.00	-4.50
		1765.0	-0.10	1 / 80	25.70	25.60	0.363	30.00	-4.40
	16-QAM	1725.0	-0.10	1 / 1	24.45	24.35	0.272	30.00	-5.65
	64-QAM	1745.0	-0.10	160 / 0	23.61	23.51	0.225	30.00	-6.49
	256-QAM	1745.0	-0.10	160 / 0	21.56	21.46	0.140	30.00	-8.54
35 MHz	π/2 BPSK	1727.5	-0.10	180 / 0	25.51	25.41	0.347	30.00	-4.59
		1745.0	-0.10	180 / 0	25.56	25.46	0.351	30.00	-4.54
		1762.5	-0.10	180 / 0	25.58	25.48	0.353	30.00	-4.52
	QPSK	1725.0	-0.10	1 / 90	25.50	25.40	0.346	30.00	-4.60
		1745.0	-0.10	1 / 90	25.57	25.47	0.353	30.00	-4.53
		1765.0	-0.10	1 / 90	25.56	25.46	0.352	30.00	-4.54
	16-QAM	1745.0	-0.10	1 / 90	24.41	24.31	0.270	30.00	-5.69
	64-QAM	1765.0	-0.10	180 / 0	23.62	23.52	0.225	30.00	-6.48
	256-QAM	1745.0	-0.10	180 / 0	21.74	21.64	0.146	30.00	-8.36
40 MHz	π/2 BPSK	1730.0	-0.10	216 / 0	25.67	25.57	0.361	30.00	-4.43
		1745.0	-0.10	216 / 0	25.70	25.60	0.363	30.00	-4.40
		1760.0	-0.10	1 / 1	25.65	25.55	0.359	30.00	-4.45
	QPSK	1730.0	-0.10	1 / 1	25.52	25.42	0.348	30.00	-4.58
		1745.0	-0.10	1 / 108	25.66	25.56	0.360	30.00	-4.44
		1760.0	-0.10	1 / 214	25.63	25.53	0.357	30.00	-4.47
	16-QAM	1760.0	-0.10	1 / 214	24.45	24.35	0.272	30.00	-5.65
	64-QAM	1730.0	-0.10	216 / 0	23.62	23.52	0.225	30.00	-6.48
	256-QAM	1745.0	-0.10	216 / 0	21.66	21.56	0.143	30.00	-8.44
45 MHz	π/2 BPSK	1732.5	-0.10	240 / 0	25.57	25.47	0.353	30.00	-4.53
		1745.0	-0.10	240 / 0	25.58	25.48	0.353	30.00	-4.52
		1757.5	-0.10	240 / 0	25.54	25.44	0.350	30.00	-4.56
	QPSK	1732.5	-0.10	1 / 120	25.47	25.37	0.344	30.00	-4.63
		1745.0	-0.10	1 / 120	25.44	25.34	0.342	30.00	-4.66
		1757.5	-0.10	1 / 1	25.53	25.43	0.349	30.00	-4.57
	16-QAM	1745.0	-0.10	1 / 120	24.45	24.35	0.272	30.00	-5.65
	64-QAM	1732.5	-0.10	240 / 0	23.63	23.53	0.225	30.00	-6.47
	256-QAM	1732.5	-0.10	240 / 0	21.77	21.67	0.147	30.00	-8.33

Table 7-24. Antenna 3 EIRP Data (NR Band n66)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device	Page 301 of 359

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	-2.00	25 / 0	25.17	23.17	0.207	30.00	-6.83
		1702.5	-2.00	25 / 0	25.20	23.20	0.209	30.00	-6.80
		1707.5	-2.00	25 / 0	25.17	23.17	0.207	30.00	-6.83
	QPSK	1697.5	-2.00	1 / 1	25.11	23.11	0.205	30.00	-6.89
		1702.5	-2.00	1 / 12	25.13	23.13	0.206	30.00	-6.87
		1707.5	-2.00	1 / 1	25.07	23.07	0.203	30.00	-6.93
	16-QAM	1697.5	-2.00	1 / 1	24.00	22.00	0.158	30.00	-8.00
	64-QAM	1707.5	-2.00	25 / 0	23.17	21.17	0.131	30.00	-8.83
	256-QAM	1702.5	-2.00	25 / 0	21.18	19.18	0.083	30.00	-10.82
10 MHz	$\pi/2$ BPSK	1700.0	-2.00	50 / 0	25.13	23.13	0.206	30.00	-6.87
		1702.5	-2.00	1 / 25	25.11	23.11	0.205	30.00	-6.89
		1705.0	-2.00	50 / 0	25.20	23.20	0.209	30.00	-6.80
	QPSK	1700.0	-2.00	1 / 50	25.08	23.08	0.203	30.00	-6.92
		1702.5	-2.00	1 / 50	25.12	23.12	0.205	30.00	-6.88
		1705.0	-2.00	1 / 25	25.17	23.17	0.207	30.00	-6.83
	16-QAM	1700.0	-2.00	1 / 50	24.00	22.00	0.158	30.00	-8.00
	64-QAM	1700.0	-2.00	50 / 0	23.16	21.16	0.131	30.00	-8.84
15 MHz	256-QAM	1700.0	-2.00	50 / 0	21.25	19.25	0.084	30.00	-10.75
	$\pi/2$ BPSK	1702.5	-2.00	1 / 77	25.20	23.20	0.209	30.00	-6.80
	QPSK	1702.5	-2.00	1 / 36	25.12	23.12	0.205	30.00	-6.88
	16-QAM	1702.5	-2.00	1 / 77	24.01	22.01	0.159	30.00	-7.99
	64-QAM	1702.5	-2.00	75 / 0	23.27	21.27	0.134	30.00	-8.73
	256-QAM	1702.5	-2.00	75 / 0	21.25	19.25	0.084	30.00	-10.75

Table 7-25. Antenna 3 EIRP Data (NR Band n70)

FCC ID: BCGA3358	 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	-2.70	1 / 1	25.42	20.57	0.114	34.77	-14.20
		680.5	-2.70	25 / 0	25.58	20.73	0.118	34.77	-14.04
		695.5	-2.70	1 / 24	25.59	20.74	0.119	34.77	-14.03
	QPSK	665.5	-2.70	1 / 1	25.53	20.68	0.117	34.77	-14.09
		680.5	-2.70	1 / 12	25.70	20.85	0.122	34.77	-13.92
		695.5	-2.70	1 / 12	25.56	20.71	0.118	34.77	-14.07
	16-QAM	680.5	-2.70	1 / 1	24.52	19.67	0.093	34.77	-15.10
	64-QAM	695.5	-2.70	25 / 0	23.68	18.83	0.076	34.77	-15.94
10 MHz	$\pi/2$ BPSK	680.5	-2.70	50 / 0	25.57	20.72	0.118	34.77	-14.05
		680.5	-2.70	50 / 0	25.59	20.74	0.119	34.77	-14.03
		693.0	-2.70	50 / 0	25.65	20.80	0.120	34.77	-13.97
	QPSK	668.0	-2.70	1 / 50	25.51	20.66	0.116	34.77	-14.11
		680.5	-2.70	1 / 25	25.49	20.64	0.116	34.77	-14.13
		693.0	-2.70	1 / 1	25.46	20.61	0.115	34.77	-14.16
	16-QAM	680.5	-2.70	1 / 50	24.51	19.66	0.092	34.77	-15.11
	64-QAM	693.0	-2.70	50 / 0	23.61	18.76	0.075	34.77	-16.01
15 MHz	$\pi/2$ BPSK	668.0	-2.70	50 / 0	21.69	16.84	0.048	34.77	-17.93
		670.5	-2.70	75 / 0	25.61	20.76	0.119	34.77	-14.01
		680.5	-2.70	75 / 0	25.56	20.71	0.118	34.77	-14.06
	QPSK	690.5	-2.70	75 / 0	25.53	20.68	0.117	34.77	-14.09
		670.5	-2.70	1 / 77	25.44	20.59	0.115	34.77	-14.18
		680.5	-2.70	1 / 1	25.64	20.79	0.120	34.77	-13.98
	16-QAM	690.5	-2.70	1 / 77	25.60	20.75	0.119	34.77	-14.02
		680.5	-2.70	1 / 77	24.39	19.54	0.090	34.77	-15.23
20 MHz	$\pi/2$ BPSK	680.5	-2.70	75 / 0	23.49	18.64	0.073	34.77	-16.13
		670.5	-2.70	75 / 0	21.48	16.63	0.046	34.77	-18.14
		673.0	-2.70	100 / 0	25.47	20.62	0.115	34.77	-14.16
	QPSK	680.5	-2.70	1 / 50	25.61	20.76	0.119	34.77	-14.01
		688.0	-2.70	100 / 0	25.50	20.65	0.116	34.77	-14.12
		673.0	-2.70	1 / 104	25.55	20.70	0.118	34.77	-14.07
	16-QAM	680.5	-2.70	1 / 104	25.64	20.79	0.120	34.77	-13.98
		688.0	-2.70	1 / 104	25.56	20.71	0.118	34.77	-14.06
20 MHz	64-QAM	680.5	-2.70	1 / 50	24.41	19.56	0.090	34.77	-15.21
	64-QAM	680.5	-2.70	100 / 0	23.54	18.69	0.074	34.77	-16.08
	256-QAM	680.5	-2.70	100 / 0	21.52	16.67	0.046	34.77	-18.10

Table 7-26. Antenna 3 ERP Data (NR Band n71)

FCC ID: BCGA3358	 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	-3.40	1 / 1	25.25	19.70	0.093	34.77	-15.07
		707.5	-3.40	1 / 12	25.28	19.73	0.094	34.77	-15.04
		713.5	-3.40	25 / 0	25.25	19.70	0.093	34.77	-15.07
	QPSK	701.5	-3.40	1 / 24	25.36	19.81	0.096	34.77	-14.97
		707.5	-3.40	1 / 1	25.20	19.65	0.092	34.77	-15.12
		713.5	-3.40	1 / 12	25.27	19.72	0.094	34.77	-15.05
	16-QAM	701.5	-3.40	1 / 1	24.19	18.64	0.073	34.77	-16.13
	64-QAM	707.5	-3.40	25 / 0	23.40	17.85	0.061	34.77	-16.92
	256-QAM	701.5	-3.40	25 / 0	21.30	15.75	0.038	34.77	-19.02
10 MHz	$\pi/2$ BPSK	704.0	-3.40	50 / 0	25.28	19.73	0.094	34.77	-15.04
		707.5	-3.40	50 / 0	25.32	19.77	0.095	34.77	-15.00
		711.0	-3.40	50 / 0	25.43	19.88	0.097	34.77	-14.90
	QPSK	704.0	-3.40	1 / 1	25.30	19.75	0.094	34.77	-15.02
		707.5	-3.40	1 / 1	25.35	19.80	0.096	34.77	-14.97
		711.0	-3.40	1 / 1	25.29	19.74	0.094	34.77	-15.03
	16-QAM	704.0	-3.40	1 / 25	24.17	18.62	0.073	34.77	-16.15
	64-QAM	711.0	-3.40	50 / 0	23.42	17.87	0.061	34.77	-16.90
	256-QAM	711.0	-3.40	50 / 0	21.52	15.97	0.040	34.77	-18.80
15 MHz	$\pi/2$ BPSK	706.5	-3.40	75 / 0	25.31	19.76	0.095	34.77	-15.01
		707.5	-3.40	75 / 0	25.34	19.79	0.095	34.77	-14.98
		708.5	-3.40	75 / 0	25.24	19.69	0.093	34.77	-15.08
	QPSK	706.5	-3.40	1 / 1	25.29	19.74	0.094	34.77	-15.03
		707.5	-3.40	1 / 77	25.29	19.74	0.094	34.77	-15.03
		708.5	-3.40	1 / 1	25.25	19.70	0.093	34.77	-15.08
	16-QAM	706.5	-3.40	1 / 1	24.05	18.50	0.071	34.77	-16.27
	64-QAM	706.5	-3.40	75 / 0	23.19	17.64	0.058	34.77	-17.13
	256-QAM	707.5	-3.40	75 / 0	21.18	15.63	0.037	34.77	-19.14

Table 7-27. Antenna 3 ERP Data (NR Band n12)

FCC ID: BCGA3358	 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	25.26	-0.10	25.16	0.328	30.00	-4.84
1732.60	WCDMA1700	25.35	-0.10	25.25	0.335	30.00	-4.75
1752.60	WCDMA1700	25.23	-0.10	25.13	0.326	30.00	-4.87

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.4 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	-3.40	1 / 0	25.43	22.03	0.160	30.00	-7.97
		1745.0	-3.40	1 / 0	25.43	22.03	0.160	30.00	-7.97
		1779.3	-3.40	1 / 0	25.45	22.05	0.160	30.00	-7.95
	16-QAM	1710.7	-3.40	1 / 0	24.85	21.45	0.140	30.00	-8.55
	64-QAM	1745.0	-3.40	1 / 0	23.80	20.40	0.110	30.00	-9.60
	256-QAM	1745.0	-3.40	6 / 0	20.92	17.52	0.056	30.00	-12.48
3 MHz	QPSK	1711.5	-3.40	1 / 0	25.44	22.04	0.160	30.00	-7.96
		1745.0	-3.40	1 / 0	25.47	22.07	0.161	30.00	-7.93
		1778.5	-3.40	1 / 0	25.34	21.94	0.156	30.00	-8.06
	16-QAM	1745.0	-3.40	1 / 14	24.81	21.41	0.138	30.00	-8.59
	64-QAM	1745.0	-3.40	1 / 0	23.73	20.33	0.108	30.00	-9.67
	256-QAM	1711.5	-3.40	15 / 0	20.94	17.54	0.057	30.00	-12.46
5 MHz	QPSK	1712.5	-3.40	1 / 24	25.61	22.21	0.166	30.00	-7.79
		1745.0	-3.40	1 / 24	25.70	22.30	0.170	30.00	-7.70
		1777.5	-3.40	1 / 12	25.38	21.98	0.158	30.00	-8.02
	16-QAM	1712.5	-3.40	1 / 0	24.99	21.59	0.144	30.00	-8.41
	64-QAM	1712.5	-3.40	1 / 24	23.72	20.32	0.108	30.00	-9.68
	256-QAM	1745.0	-3.40	25 / 0	20.99	17.59	0.057	30.00	-12.41
10 MHz	QPSK	1715.0	-3.40	1 / 0	25.52	22.12	0.163	30.00	-7.88
		1745.0	-3.40	1 / 49	25.53	22.13	0.163	30.00	-7.87
		1775.0	-3.40	1 / 25	25.40	22.00	0.158	30.00	-8.00
	16-QAM	1745.0	-3.40	1 / 25	24.92	21.52	0.142	30.00	-8.48
	64-QAM	1745.0	-3.40	1 / 0	23.81	20.41	0.110	30.00	-9.59
	256-QAM	1715.0	-3.40	50 / 0	21.09	17.69	0.059	30.00	-12.31
15 MHz	QPSK	1717.5	-3.40	1 / 0	25.63	22.23	0.167	30.00	-7.77
		1745.0	-3.40	1 / 0	25.49	22.09	0.162	30.00	-7.91
		1772.5	-3.40	1 / 0	25.41	22.01	0.159	30.00	-7.99
	16-QAM	1745.0	-3.40	1 / 74	24.89	21.49	0.141	30.00	-8.51
	64-QAM	1745.0	-3.40	1 / 74	23.76	20.36	0.109	30.00	-9.64
	256-QAM	1717.5	-3.40	75 / 0	21.00	17.60	0.058	30.00	-12.40
20 MHz	QPSK	1720.0	-3.40	1 / 0	25.52	22.12	0.163	30.00	-7.88
		1745.0	-3.40	1 / 0	25.49	22.09	0.162	30.00	-7.91
		1770.0	-3.40	1 / 0	25.43	22.03	0.160	30.00	-7.97
	16-QAM	1745.0	-3.40	1 / 0	24.86	21.46	0.140	30.00	-8.54
	64-QAM	1770.0	-3.40	1 / 0	23.67	20.27	0.106	30.00	-9.73
	256-QAM	1745.0	-3.40	100 / 0	20.92	17.52	0.056	30.00	-12.48

Table 7-29. Antenna 2b EIRP Data (LTE Band 66)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device	Page 306 of 359

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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	-3.40	1 / 0	25.44	22.04	0.160	30.00	-7.96
		1732.5	-3.40	1 / 0	25.70	22.30	0.170	30.00	-7.70
		1754.3	-3.40	1 / 0	25.55	22.15	0.164	30.00	-7.85
	16-QAM	1754.3	-3.40	1 / 0	24.84	21.44	0.139	30.00	-8.56
	64-QAM	1754.3	-3.40	1 / 0	23.81	20.41	0.110	30.00	-9.59
	256-QAM	1754.3	-3.40	6 / 0	20.99	17.59	0.057	30.00	-12.41
3 MHz	QPSK	1711.5	-3.40	1 / 0	25.43	22.03	0.160	30.00	-7.97
		1732.5	-3.40	1 / 0	25.58	22.18	0.165	30.00	-7.82
		1753.5	-3.40	1 / 0	25.48	22.08	0.161	30.00	-7.92
	16-QAM	1753.5	-3.40	1 / 0	24.93	21.53	0.142	30.00	-8.47
	64-QAM	1753.5	-3.40	1 / 0	23.82	20.42	0.110	30.00	-9.58
	256-QAM	1753.5	-3.40	15 / 0	21.00	17.60	0.058	30.00	-12.40
5 MHz	QPSK	1712.5	-3.40	1 / 24	25.55	22.15	0.164	30.00	-7.85
		1732.5	-3.40	1 / 0	25.68	22.28	0.169	30.00	-7.72
		1752.5	-3.40	1 / 24	25.53	22.13	0.163	30.00	-7.87
	16-QAM	1732.5	-3.40	1 / 24	25.01	21.61	0.145	30.00	-8.39
	64-QAM	1752.5	-3.40	1 / 0	23.75	20.35	0.108	30.00	-9.65
	256-QAM	1732.5	-3.40	25 / 0	21.06	17.66	0.058	30.00	-12.34
10 MHz	QPSK	1715.0	-3.40	1 / 0	25.47	22.07	0.161	30.00	-7.93
		1732.5	-3.40	1 / 0	25.55	22.15	0.164	30.00	-7.85
		1750.0	-3.40	1 / 49	25.45	22.05	0.160	30.00	-7.95
	16-QAM	1732.5	-3.40	1 / 0	24.98	21.58	0.144	30.00	-8.42
	64-QAM	1750.0	-3.40	1 / 49	23.82	20.42	0.110	30.00	-9.58
	256-QAM	1732.5	-3.40	50 / 0	21.10	17.70	0.059	30.00	-12.30
15 MHz	QPSK	1717.5	-3.40	1 / 0	25.55	22.15	0.164	30.00	-7.85
		1732.5	-3.40	1 / 0	25.50	22.10	0.162	30.00	-7.90
		1747.5	-3.40	1 / 0	25.35	21.95	0.157	30.00	-8.05
	16-QAM	1732.5	-3.40	1 / 0	24.94	21.54	0.143	30.00	-8.46
	64-QAM	1732.5	-3.40	1 / 0	23.73	20.33	0.108	30.00	-9.67
	256-QAM	1732.5	-3.40	75 / 0	20.96	17.56	0.057	30.00	-12.44
20 MHz	QPSK	1720.0	-3.40	1 / 0	25.23	21.83	0.152	30.00	-8.17
		1732.5	-3.40	1 / 0	25.53	22.13	0.163	30.00	-7.87
		1745.0	-3.40	1 / 0	25.42	22.02	0.159	30.00	-7.98
	16-QAM	1732.5	-3.40	1 / 0	24.84	21.44	0.139	30.00	-8.56
	64-QAM	1720.0	-3.40	1 / 99	23.60	20.20	0.105	30.00	-9.80
	256-QAM	1732.5	-3.40	100 / 0	20.96	17.56	0.057	30.00	-12.44

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device	Page 307 of 359

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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	-3.40	25 / 0	25.43	22.03	0.160	30.00	-7.97
		1745.0	-3.40	25 / 0	25.48	22.08	0.161	30.00	-7.92
		1777.5	-3.40	25 / 0	25.43	22.03	0.159	30.00	-7.97
	QPSK	1712.5	-3.40	1 / 1	25.50	22.10	0.162	30.00	-7.90
		1745.0	-3.40	1 / 12	25.56	22.16	0.165	30.00	-7.84
		1777.5	-3.40	1 / 12	25.39	21.99	0.158	30.00	-8.01
	16-QAM	1745.0	-3.40	1 / 1	24.36	20.96	0.125	30.00	-9.04
	64-QAM	1745.0	-3.40	25 / 0	23.63	20.23	0.105	30.00	-9.77
10 MHz	π/2 BPSK	1715.0	-3.40	50 / 0	25.51	22.11	0.163	30.00	-7.89
		1745.0	-3.40	50 / 0	25.59	22.19	0.165	30.00	-7.81
		1775.0	-3.40	50 / 0	25.51	22.11	0.163	30.00	-7.89
	QPSK	1715.0	-3.40	1 / 1	25.53	22.13	0.163	30.00	-7.87
		1745.0	-3.40	1 / 1	25.57	22.17	0.165	30.00	-7.83
		1775.0	-3.40	1 / 1	25.49	22.09	0.162	30.00	-7.91
	16-QAM	1745.0	-3.40	1 / 50	24.42	21.02	0.126	30.00	-8.98
	64-QAM	1745.0	-3.40	50 / 0	23.56	20.16	0.104	30.00	-9.84
15 MHz	π/2 BPSK	1717.5	-3.40	75 / 0	25.46	22.06	0.161	30.00	-7.94
		1745.0	-3.40	1 / 77	25.52	22.12	0.163	30.00	-7.88
		1772.5	-3.40	75 / 0	25.49	22.09	0.162	30.00	-7.91
	QPSK	1717.5	-3.40	1 / 77	25.54	22.14	0.164	30.00	-7.86
		1745.0	-3.40	1 / 77	25.57	22.17	0.165	30.00	-7.83
		1772.5	-3.40	1 / 1	25.46	22.06	0.161	30.00	-7.94
	16-QAM	1717.5	-3.40	1 / 77	24.45	21.05	0.127	30.00	-8.95
	64-QAM	1745.0	-3.40	75 / 0	23.54	20.14	0.103	30.00	-9.86
20 MHz	π/2 BPSK	1720.0	-3.40	1 / 104	25.44	22.04	0.160	30.00	-7.96
		1745.0	-3.40	100 / 0	25.48	22.08	0.161	30.00	-7.92
		1770.0	-3.40	100 / 0	25.45	22.05	0.160	30.00	-7.95
	QPSK	1720.0	-3.40	1 / 104	25.51	22.11	0.163	30.00	-7.89
		1745.0	-3.40	1 / 104	25.54	22.14	0.164	30.00	-7.86
		1770.0	-3.40	1 / 1	25.46	22.06	0.161	30.00	-7.94
	16-QAM	1745.0	-3.40	1 / 104	24.38	20.98	0.125	30.00	-9.02
	64-QAM	1745.0	-3.40	100 / 0	23.51	20.11	0.103	30.00	-9.89
25 MHz	π/2 BPSK	1722.5	-3.40	128 / 0	25.47	22.07	0.161	30.00	-7.93
		1745.0	-3.40	128 / 0	25.52	22.12	0.163	30.00	-7.88
		1767.5	-3.40	128 / 0	25.52	22.12	0.163	30.00	-7.88
	QPSK	1722.5	-3.40	1 / 64	25.43	22.03	0.160	30.00	-7.97
		1745.0	-3.40	1 / 64	25.44	22.04	0.160	30.00	-7.96
		1767.5	-3.40	1 / 1	25.44	22.04	0.160	30.00	-7.96
	16-QAM	1767.5	-3.40	1 / 64	24.31	20.91	0.123	30.00	-9.09
	64-QAM	1745.0	-3.40	128 / 0	23.62	20.22	0.105	30.00	-9.78
30 MHz	π/2 BPSK	1725.0	-3.40	160 / 0	25.49	22.09	0.162	30.00	-7.91
		1745.0	-3.40	160 / 0	25.49	22.09	0.162	30.00	-7.91
		1765.0	-3.40	1 / 1	25.50	22.10	0.162	30.00	-7.90
	QPSK	1725.0	-3.40	1 / 158	25.50	22.10	0.162	30.00	-7.90
		1745.0	-3.40	1 / 158	25.52	22.12	0.163	30.00	-7.88
		1765.0	-3.40	1 / 158	25.62	22.22	0.167	30.00	-7.78
	16-QAM	1745.0	-3.40	1 / 158	24.37	20.97	0.125	30.00	-9.03
	64-QAM	1745.0	-3.40	160 / 0	23.59	20.19	0.104	30.00	-9.81
35 MHz	π/2 BPSK	1725.0	-3.40	180 / 0	25.57	22.17	0.165	30.00	-7.83
		1745.0	-3.40	180 / 0	25.60	22.20	0.166	30.00	-7.80
		1762.5	-3.40	180 / 0	25.60	22.20	0.166	30.00	-7.80
	QPSK	1725.0	-3.40	1 / 90	25.54	22.14	0.164	30.00	-7.86
		1745.0	-3.40	1 / 90	25.55	22.15	0.164	30.00	-7.85
		1765.0	-3.40	1 / 90	25.48	22.08	0.161	30.00	-7.92
	16-QAM	1725.0	-3.40	1 / 90	24.35	20.95	0.124	30.00	-9.05
	64-QAM	1745.0	-3.40	180 / 0	23.52	20.12	0.103	30.00	-9.88
40 MHz	π/2 BPSK	1730.0	-3.40	216 / 0	25.54	22.14	0.164	30.00	-7.86
		1745.0	-3.40	1 / 108	25.70	22.30	0.170	30.00	-7.70
		1760.0	-3.40	1 / 108	25.56	22.16	0.165	30.00	-7.84
	QPSK	1730.0	-3.40	1 / 1	25.47	22.07	0.161	30.00	-7.93
		1745.0	-3.40	1 / 1	25.47	22.07	0.161	30.00	-7.93
		1760.0	-3.40	1 / 108	25.16	21.76	0.150	30.00	-8.24
	16-QAM	1745.0	-3.40	1 / 1	24.05	20.65	0.116	30.00	-9.35
	64-QAM	1730.0	-3.40	216 / 0	23.20	19.80	0.095	30.00	-10.20
45 MHz	π/2 BPSK	1732.5	-3.40	240 / 0	25.29	21.89	0.155	30.00	-8.11
		1745.0	-3.40	240 / 0	25.33	21.93	0.156	30.00	-8.07
		1757.5	-3.40	240 / 0	25.32	21.92	0.156	30.00	-8.08
	QPSK	1732.5	-3.40	1 / 120	25.34	21.94	0.156	30.00	-8.06
		1745.0	-3.40	1 / 240	25.24	21.84	0.153	30.00	-8.16
		1757.5	-3.40	1 / 120	25.33	21.93	0.156	30.00	-8.07
	16-QAM	1732.5	-3.40	1 / 240	24.22	20.82	0.121	30.00	-9.18
	64-QAM	1745.0	-3.40	240 / 0	23.34	19.94	0.099	30.00	-10.06
50 MHz	π/2 BPSK	1745.0	-3.40	240 / 0	21.40	18.00	0.063	30.00	-12.00
		1745.0	-3.40	240 / 0	21.40	18.00	0.063	30.00	-12.00

Table 7-31. Antenna 2b EIRP Data (NR Band n66)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device	Page 308 of 359

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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	-5.10	25 / 0	25.29	20.19	0.105	30.00	-9.81
		1702.5	-5.10	1 / 24	25.22	20.12	0.103	30.00	-9.88
		1707.5	-5.10	1 / 24	25.32	20.22	0.105	30.00	-9.78
	QPSK	1697.5	-5.10	1 / 24	25.58	20.48	0.112	30.00	-9.52
		1702.5	-5.10	1 / 12	25.69	20.59	0.114	30.00	-9.41
		1707.5	-5.10	1 / 1	25.53	20.43	0.111	30.00	-9.57
	16-QAM	1697.5	-5.10	1 / 12	24.38	19.28	0.085	30.00	-10.72
	64-QAM	1697.5	-5.10	25 / 0	23.61	18.51	0.071	30.00	-11.49
	256-QAM	1697.5	-5.10	25 / 0	21.70	16.60	0.046	30.00	-13.40
10 MHz	$\pi/2$ BPSK	1700.0	-5.10	50 / 0	25.64	20.54	0.113	30.00	-9.46
		1702.5	-5.10	1 / 1	25.60	20.50	0.112	30.00	-9.50
		1705.0	-5.10	50 / 0	25.70	20.60	0.115	30.00	-9.40
	QPSK	1700.0	-5.10	1 / 50	25.63	20.53	0.113	30.00	-9.47
		1702.5	-5.10	1 / 1	25.66	20.56	0.114	30.00	-9.44
		1705.0	-5.10	1 / 25	25.57	20.47	0.112	30.00	-9.53
	16-QAM	1702.5	-5.10	1 / 1	24.45	19.35	0.086	30.00	-10.65
	64-QAM	1705.0	-5.10	50 / 0	23.67	18.57	0.072	30.00	-11.43
	256-QAM	1705.0	-5.10	50 / 0	21.74	16.64	0.046	30.00	-13.36
15 MHz	$\pi/2$ BPSK	1702.5	-5.10	75 / 0	25.49	20.39	0.109	30.00	-9.61
	QPSK	1702.5	-5.10	1 / 1	25.51	20.41	0.110	30.00	-9.59
	16-QAM	1702.5	-5.10	1 / 77	24.30	19.20	0.083	30.00	-10.80
	64-QAM	1702.5	-5.10	75 / 0	23.48	18.38	0.069	30.00	-11.62
	256-QAM	1702.5	-5.10	75 / 0	21.57	16.47	0.044	30.00	-13.53

Table 7-32. Antenna 2b EIRP Data (NR Band n70)

FCC ID: BCGA3358	 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	25.43	-3.40	22.03	0.160	30.00	-7.97
1732.60	WCDMA1700	25.24	-3.40	21.84	0.153	30.00	-8.16
1752.60	WCDMA1700	25.31	-3.40	21.91	0.155	30.00	-8.09

Table 7-33. Antenna 2b EIRP Data (WCDMA AWS)

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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

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Test Setup

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

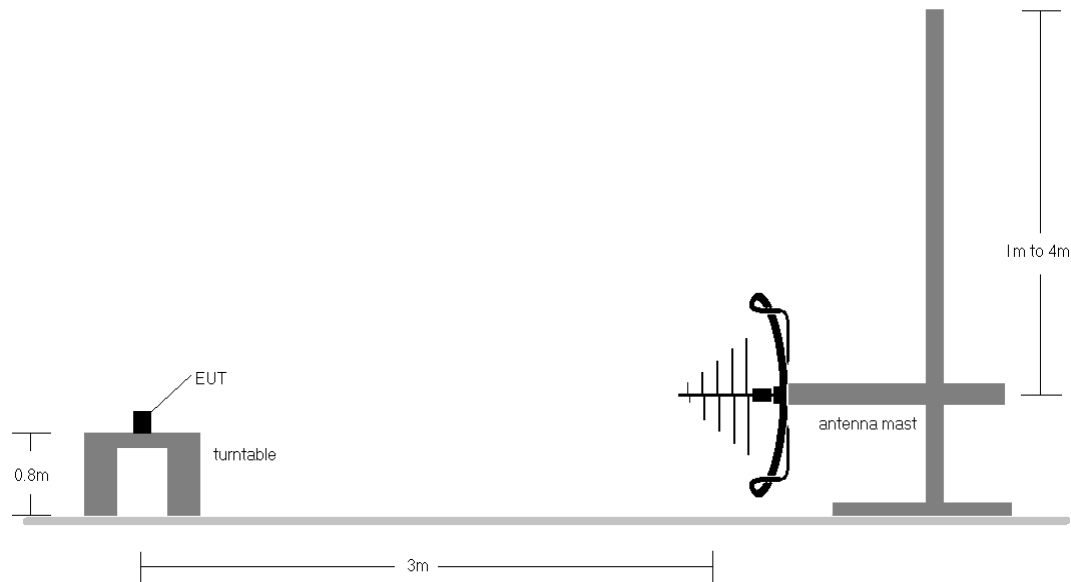


Figure 7-11. Test Instrument & Measurement Setup < 1GHz

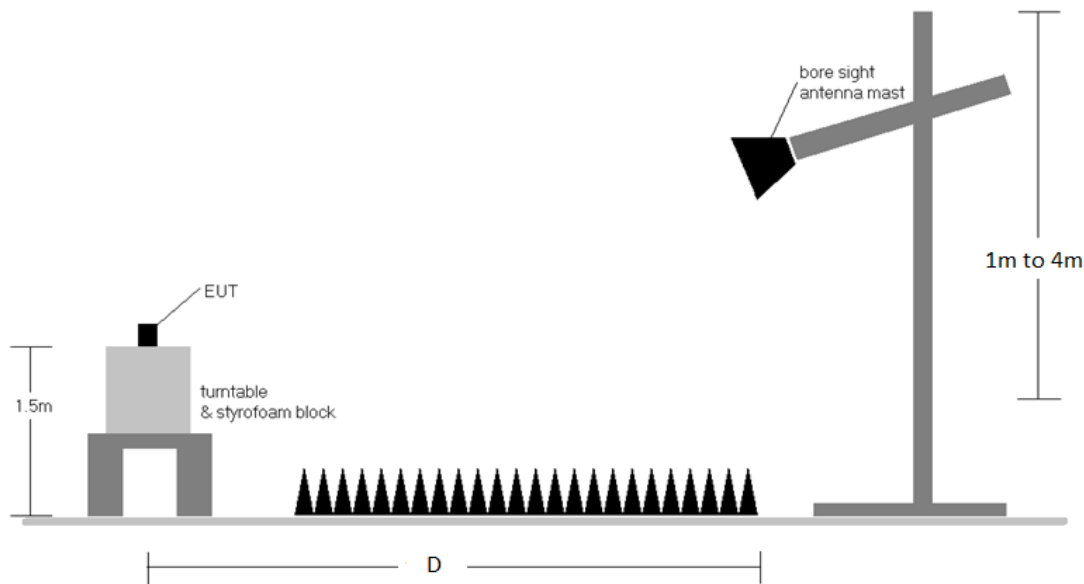


Figure 7-12. Test Instrument & Measurement Setup > 1GHz

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Test Notes

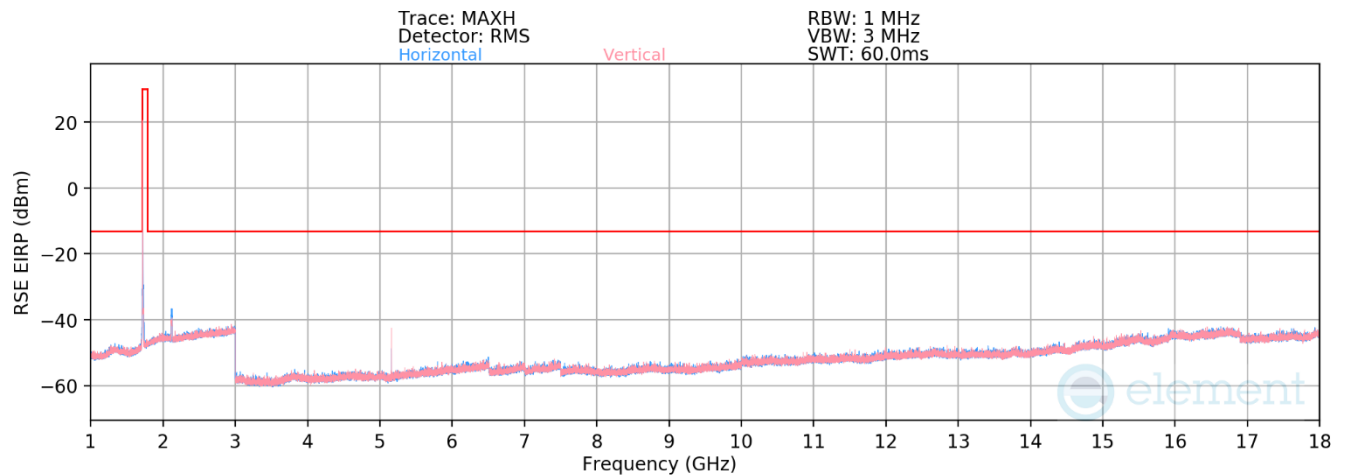
1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 D01 v03r01 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
3. This unit was tested with its standard battery.
4. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
5. 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 4b – Radiated Spurious Emission Measurement

LTE Band 66/4



Plot 7-492. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 66/4)

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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	H	250	360	-76.04	0.11	31.07	-64.19	-13.00	-51.19
5160.0	V	304	25	-58.62	3.11	51.50	-43.76	-13.00	-30.76
6880.0	H	-	-	-77.96	5.39	34.43	-60.83	-13.00	-47.83
8600.0	V	-	-	-77.92	5.40	34.48	-60.77	-13.00	-47.77
10320.0	H	-	-	-79.24	8.59	36.36	-58.90	-13.00	-45.90

Table 7-34. Antenna 4b 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	H	312	38	-75.16	0.13	31.97	-63.29	-13.00	-50.29
5235.0	V	288	26	-72.37	3.43	38.07	-57.19	-13.00	-44.19
6980.0	H	-	-	-78.15	5.51	34.36	-60.90	-13.00	-47.90
8725.0	H	-	-	-77.90	5.76	34.86	-60.40	-13.00	-47.40
10470.0	H	-	-	-79.20	9.05	36.84	-58.41	-13.00	-45.41

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

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

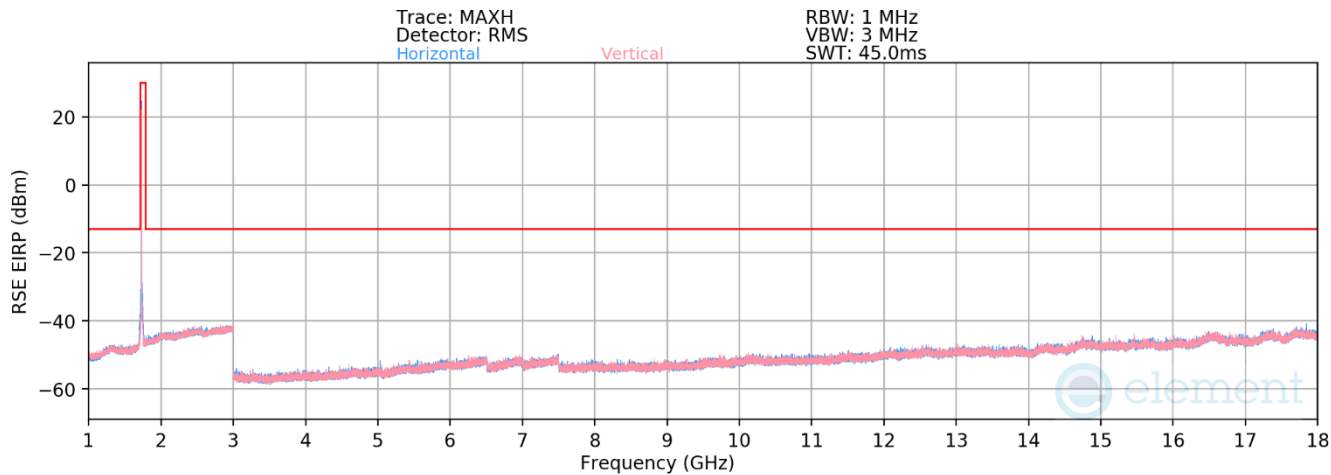
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.0	V	-	-	-75.89	0.27	31.37	-63.88	-13.00	-50.88
5310.0	H	-	-	-77.49	3.29	32.81	-62.45	-13.00	-49.45
7080.0	H	-	-	-78.42	5.73	34.32	-60.94	-13.00	-47.94

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

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NR Band n66



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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	H	-	-	-76.64	1.64	32.00	-63.26	-13.00	-50.26
5617.5	V	-	-	-77.75	4.75	34.00	-61.26	-13.00	-48.26
7490.0	H	-	-	-78.68	8.40	36.72	-58.54	-13.00	-45.54

Table 7-37. Antenna 4b 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	-	-	-76.39	1.53	32.14	-63.12	-13.00	-50.12
5640.0	H	-	-	-77.60	4.97	34.37	-60.89	-13.00	-47.89
7520.0	H	-	-	-78.68	7.86	36.18	-59.08	-13.00	-46.08

Table 7-38. Antenna 4b 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	-	-	-76.60	1.64	32.04	-63.21	-13.00	-50.21
5662.5	V	-	-	-77.83	5.11	34.27	-60.98	-13.00	-47.98
7550.0	V	-	-	-78.46	7.52	36.06	-59.19	-13.00	-46.19

Table 7-39. Antenna 4b 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	-	-	-76.68	1.77	32.09	-63.17	-13.00	-50.17
5100.0	H	-	-	-77.98	4.77	33.79	-61.47	-13.00	-48.47
6800.0	H	-	-	-78.94	8.10	36.16	-59.10	-13.00	-46.10

Table 7-40. Antenna 4b 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	-	-	-76.70	1.71	32.01	-63.25	-13.00	-50.25
5107.5	V	-	-	-77.92	4.71	33.79	-61.47	-13.00	-48.47
6810.0	H	-	-	-78.81	8.10	36.29	-58.97	-13.00	-45.97

Table 7-41. Antenna 4b 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	-	-	-76.59	1.77	32.17	-63.08	-13.00	-50.08
5115.0	H	-	-	-77.88	4.77	33.89	-61.37	-13.00	-48.37
6820.0	H	-	-	-78.76	8.14	36.38	-58.88	-13.00	-45.88

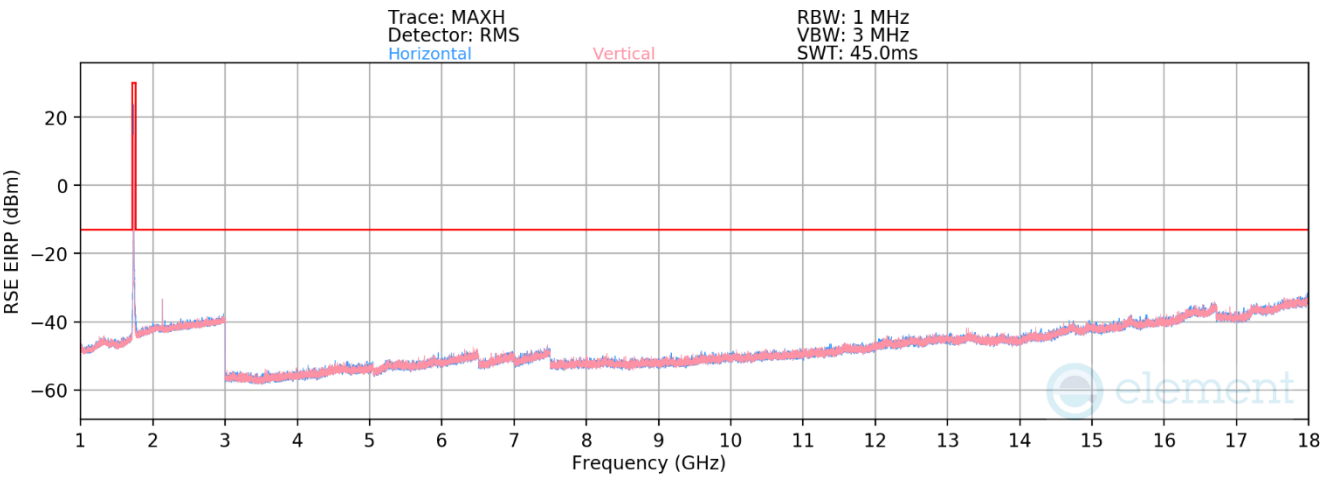
Table 7-42. Antenna 4b Radiated Spurious Data (NR Band n70 – High Channel)

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WCDMA AWS



Plot 7-494. Antenna 3 Radiated Spurious Emission above 1GHz (WCDMA AWS)

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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	-	-	-78.90	4.03	32.13	-63.13	-13.00	-50.13
5137.2	H	-	-	-79.72	8.06	35.34	-59.92	-13.00	-46.92
6849.6	H	-	-	-79.99	10.61	37.63	-57.63	-13.00	-44.63

Table 7-43. Antenna 4b 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	H	-	-	-78.22	3.71	32.49	-62.76	-13.00	-49.76
5197.8	H	-	-	-79.11	8.22	36.12	-59.14	-13.00	-46.14
6930.4	H	-	-	-79.60	10.74	38.14	-57.12	-13.00	-44.12

Table 7-44. Antenna 4b 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	H	-	-	-78.34	3.84	32.50	-62.76	-13.00	-49.76
5257.8	H	-	-	-79.67	8.84	36.17	-59.09	-13.00	-46.09
7010.4	H	-	-	-79.99	10.36	37.37	-57.88	-13.00	-44.88

Table 7-45. Antenna 4b Radiated Spurious Data (WCDMA AWS – High Channel)

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7.7.2 Antenna 1 – 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	-	-	-75.97	0.11	31.13	-64.12	-13.00	-51.12
5160.0	H	-	-	-77.65	3.20	32.55	-62.71	-13.00	-49.71
6880.0	V	-	-	-77.89	5.41	34.52	-60.73	-13.00	-47.73

Table 7-46. Antenna 1 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	H	-	-	-75.97	0.08	31.11	-64.15	-13.00	-51.15
5235.0	H	-	-	-77.78	3.34	32.55	-62.70	-13.00	-49.70
6980.0	H	-	-	-77.86	5.48	34.62	-60.64	-13.00	-47.64

Table 7-47. Antenna 1 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	-	-	-76.19	0.21	31.02	-64.24	-13.00	-51.24
5310.0	H	-	-	-77.32	3.29	32.97	-62.29	-13.00	-49.29
7080.0	V	-	-	-78.02	5.73	34.71	-60.55	-13.00	-47.55

Table 7-48. Antenna 1 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	-	-	-76.56	1.64	32.08	-63.17	-13.00	-50.17
5617.5	H	-	-	-77.75	4.75	34.00	-61.26	-13.00	-48.26
7490.0	H	-	-	-78.88	8.40	36.52	-58.74	-13.00	-45.74

Table 7-49. Antenna 1 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	-	-	-76.46	1.59	32.12	-63.13	-13.00	-50.13
5640.0	V	-	-	-77.77	4.97	34.20	-61.06	-13.00	-48.06
7520.0	H	-	-	-78.69	7.86	36.17	-59.09	-13.00	-46.09

Table 7-50. Antenna 1 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	-	-	-76.51	1.58	32.07	-63.18	-13.00	-50.18
5662.5	H	-	-	-78.05	5.25	34.20	-61.05	-13.00	-48.05
7550.0	H	-	-	-78.32	7.52	36.21	-59.05	-13.00	-46.05

Table 7-51. Antenna 1 Radiated Spurious Data (NR Band n66 – High Channel)

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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	-	-	-77.76	-0.97	28.27	-66.99	-13.00	-53.99
2019.0	V	-	-	-77.51	1.94	31.44	-63.82	-13.00	-50.82
2692.0	H	-	-	-78.67	4.05	32.38	-62.88	-13.00	-49.88

Table 7-52. Antenna 1 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	-	-	-78.08	-1.03	27.88	-67.37	-13.00	-54.37
2041.5	H	-	-	-77.93	2.42	31.49	-63.77	-13.00	-50.77
2722.0	V	-	-	-78.64	4.05	32.41	-62.85	-13.00	-49.85

Table 7-53. Antenna 1 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	272	5	-77.27	-0.82	28.91	-66.34	-13.00	-53.34
2064.0	V	-	-	-77.52	2.42	31.89	-63.36	-13.00	-50.36
2752.0	V	-	-	-78.31	3.71	32.40	-62.86	-13.00	-49.86
3440.0	V	-	-	-78.86	4.39	32.53	-62.73	-13.00	-49.73

Table 7-54. Antenna 1 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	248	127	-69.56	-3.89	33.55	-61.71	-13.00	-48.71
2019.0	H	-	-	-75.45	-0.61	30.94	-64.32	-13.00	-51.32
2692.0	V	-	-	-76.43	1.02	31.59	-63.66	-13.00	-50.66
3365.0	V	-	-	-76.83	1.63	31.80	-63.45	-13.00	-50.45

Table 7-55. Antenna 1 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	238	151	-70.60	-4.00	32.40	-62.86	-13.00	-49.86
2041.5	H	-	-	-75.57	-0.47	30.96	-64.30	-13.00	-51.30
2722.0	H	-	-	-76.21	0.96	31.75	-63.51	-13.00	-50.51
3402.5	V	-	-	-76.50	1.59	32.09	-63.17	-13.00	-50.17

Table 7-56. Antenna 1 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	202	60	-73.84	-3.93	29.22	-66.03	-13.00	-53.03
2064.0	H	-	-	-75.55	-0.61	30.84	-64.41	-13.00	-51.41
2752.0	H	-	-	-76.37	0.96	31.58	-63.67	-13.00	-50.67
3440.0	H	-	-	-76.86	1.83	31.97	-63.29	-13.00	-50.29

Table 7-57. Antenna 1 Radiated Spurious Data (NR Band n71 – High Channel)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	-	-	-76.89	-1.86	28.25	-67.01	-13.00	-54.01
2112.0	V	181	145	-77.64	1.72	31.08	-64.18	-13.00	-51.18
2816.0	V	-	-	-78.31	3.07	31.77	-63.49	-13.00	-50.49
3520.0	V	-	-	-78.54	4.19	32.65	-62.61	-13.00	-49.61

Table 7-58. Antenna 1 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	V	-	-	-78.10	-1.86	27.04	-68.22	-13.00	-55.22
2122.5	V	-	-	-77.98	1.72	30.74	-64.52	-13.00	-51.52
2830.0	V	-	-	-78.26	3.07	31.81	-63.45	-13.00	-50.45

Table 7-59. Antenna 1 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	-	-	-78.05	-1.86	27.09	-68.17	-13.00	-55.17
2133.0	H	-	-	-77.84	1.72	30.88	-64.38	-13.00	-51.38
2844.0	V	-	-	-78.08	3.07	31.99	-63.27	-13.00	-50.27

Table 7-60. Antenna 1 Radiated Spurious Data (LTE Band 12/17 – High Channel)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	H	225	54	-74.87	-4.55	27.58	-67.68	-13.00	-54.68
2119.5	H	-	-	-75.59	-1.04	30.37	-64.89	-13.00	-51.89
2826.0	H	-	-	-76.12	0.45	31.33	-63.93	-13.00	-50.93
3532.5	H	-	-	-76.55	1.47	31.91	-63.34	-13.00	-50.34

Table 7-61. Antenna 1 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	235	54	-74.26	-4.55	28.19	-67.07	-13.00	-54.07
2122.5	V	-	-	-76.17	-0.58	30.25	-65.00	-13.00	-52.00
2830.0	V	-	-	-76.25	0.46	31.22	-64.04	-13.00	-51.04
3537.5	V	-	-	-76.73	1.59	31.86	-63.40	-13.00	-50.40

Table 7-62. Antenna 1 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	216	55	-74.25	-4.55	28.20	-67.06	-13.00	-54.06
2125.5	V	-	-	-75.93	-0.98	30.09	-65.17	-13.00	-52.17
2834.0	V	-	-	-76.13	0.46	31.33	-63.92	-13.00	-50.92
3542.5	H	-	-	-76.64	1.47	31.83	-63.43	-13.00	-50.43

Table 7-63. Antenna 1 Radiated Spurious Data (NR Band n12 – High Channel)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	-	-	-77.98	-2.21	26.81	-68.45	-40.00	-28.45
2338.5	H	-	-	-77.81	2.75	31.94	-63.32	-13.00	-50.32
3118.0	V	-	-	-78.46	4.79	33.34	-61.92	-13.00	-48.92

Table 7-64. Antenna 1 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	-	-	-78.08	-2.21	26.71	-68.55	-40.00	-28.55
2346.0	H	-	-	-78.15	2.75	31.60	-63.66	-13.00	-50.66
3128.0	H	-	-	-78.48	4.73	33.25	-62.01	-13.00	-49.01

Table 7-65. Antenna 1 Radiated Spurious Data (LTE Band 13 – Mid Channel)

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

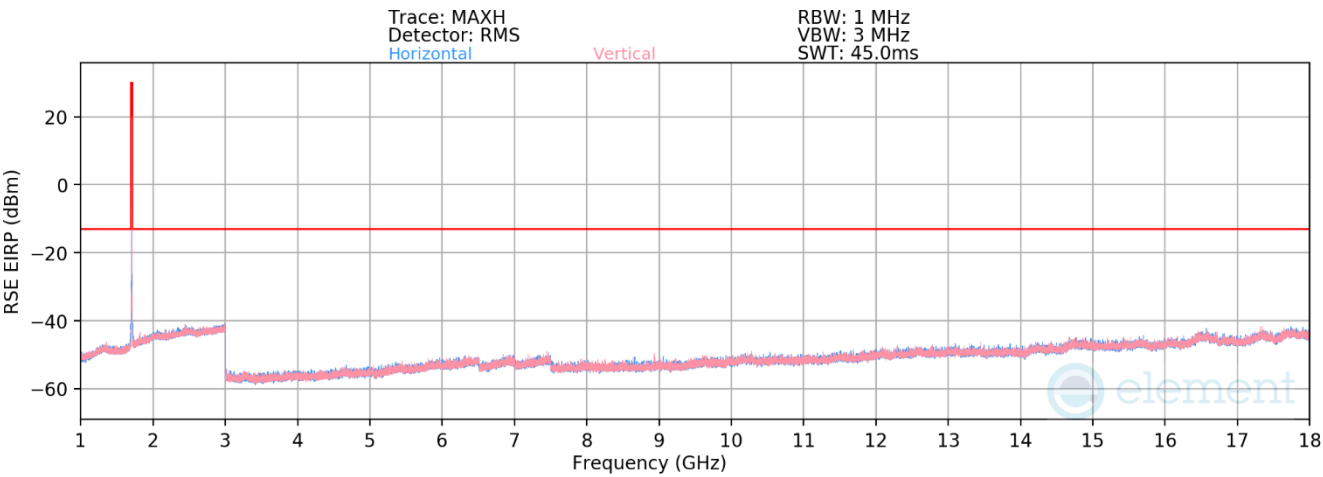
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1569.0	V	-	-	-78.22	-2.21	26.57	-68.69	-40.00	-28.69
2353.5	H	-	-	-78.06	2.75	31.69	-63.57	-13.00	-50.57
3138.0	V	-	-	-78.59	4.79	33.20	-62.05	-13.00	-49.05

Table 7-66. Antenna 1 Radiated Spurious Data (LTE Band 13 – High Channel)

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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	H	-	-	-76.96	1.92	31.96	-63.30	-13.00	-50.30
5100.0	H	-	-	-77.88	4.71	33.83	-61.42	-13.00	-48.42
6800.0	H	-	-	-78.80	8.10	36.29	-58.96	-13.00	-45.96

Table 7-67. Antenna 1 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	-	-	-76.68	1.77	32.08	-63.17	-13.00	-50.17
5107.5	H	-	-	-77.97	4.77	33.80	-61.45	-13.00	-48.45
6810.0	H	-	-	-78.51	7.85	36.34	-58.92	-13.00	-45.92

Table 7-68. Antenna 1 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	H	-	-	-76.61	1.64	32.03	-63.23	-13.00	-50.23
5115.0	H	-	-	-77.91	4.77	33.85	-61.40	-13.00	-48.40
6820.0	H	-	-	-78.78	8.10	36.32	-58.94	-13.00	-45.94

Table 7-69. Antenna 1 Radiated Spurious Data (NR Band n70 – High Channel)

FCC ID: BCGA3358	 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	-	-	-78.41	3.71	32.30	-62.95	-13.00	-49.95
5137.2	V	-	-	-79.94	8.06	35.13	-60.13	-13.00	-47.13
6849.6	V	-	-	-80.06	10.61	37.55	-57.71	-13.00	-44.71

Table 7-70. Antenna 1 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	H	-	-	-78.19	3.84	32.65	-62.61	-13.00	-49.61
5197.8	H	-	-	-79.43	8.22	35.79	-59.46	-13.00	-46.46
6930.4	V	-	-	-79.68	10.77	38.09	-57.17	-13.00	-44.17

Table 7-71. Antenna 1 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	V	-	-	-78.30	3.84	32.54	-62.72	-13.00	-49.72
5257.8	H	-	-	-79.52	8.84	36.31	-58.95	-13.00	-45.95
7010.4	V	-	-	-79.74	10.36	37.62	-57.64	-13.00	-44.64

Table 7-72. Antenna 1 Radiated Spurious Data (WCDMA AWS – High Channel)

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7.7.3 Antenna 3 – 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	-	-	-76.05	-0.05	30.90	-64.36	-13.00	-51.36
5160.0	H	-	-	-77.53	3.32	32.78	-62.48	-13.00	-49.48
6880.0	V	-	-	-77.70	5.34	34.64	-60.62	-13.00	-47.62

Table 7-73. Antenna 3 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	H	-	-	-76.00	0.13	31.13	-64.13	-13.00	-51.13
5235.0	H	-	-	-77.75	3.34	32.59	-62.67	-13.00	-49.67
6980.0	H	-	-	-77.90	5.48	34.57	-60.69	-13.00	-47.69

Table 7-74. Antenna 3 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	-	-	-76.11	0.27	31.15	-64.10	-13.00	-51.10
5310.0	H	-	-	-77.76	3.38	32.62	-62.64	-13.00	-49.64
7080.0	V	-	-	-78.23	5.56	34.33	-60.93	-13.00	-47.93

Table 7-75. Antenna 3 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	V	-	-	-76.64	1.66	32.02	-63.24	-13.00	-50.24
5617.5	H	-	-	-77.84	4.75	33.91	-61.35	-13.00	-48.35
7490.0	H	-	-	-78.85	8.40	36.55	-58.71	-13.00	-45.71

Table 7-76. Antenna 3 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	-	-	-76.47	1.59	32.12	-63.14	-13.00	-50.14
5640.0	V	-	-	-77.77	4.97	34.20	-61.06	-13.00	-48.06
7520.0	V	-	-	-78.36	7.58	36.22	-59.04	-13.00	-46.04

Table 7-77. Antenna 3 Radiated Spurious Data (NR Band n66 – Mid Channel)

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

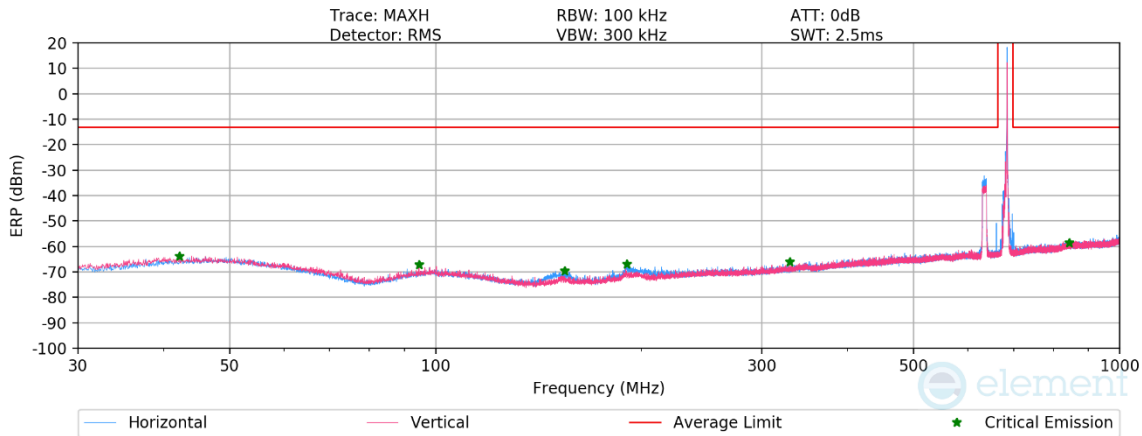
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3775.0	H	-	-	-76.45	1.53	32.08	-63.17	-13.00	-50.17
5662.5	V	-	-	-77.92	5.12	34.19	-61.06	-13.00	-48.06
7550.0	H	-	-	-78.59	7.59	36.00	-59.25	-13.00	-46.25

Table 7-78. Antenna 3 Radiated Spurious Data (NR Band n66 – High Channel)

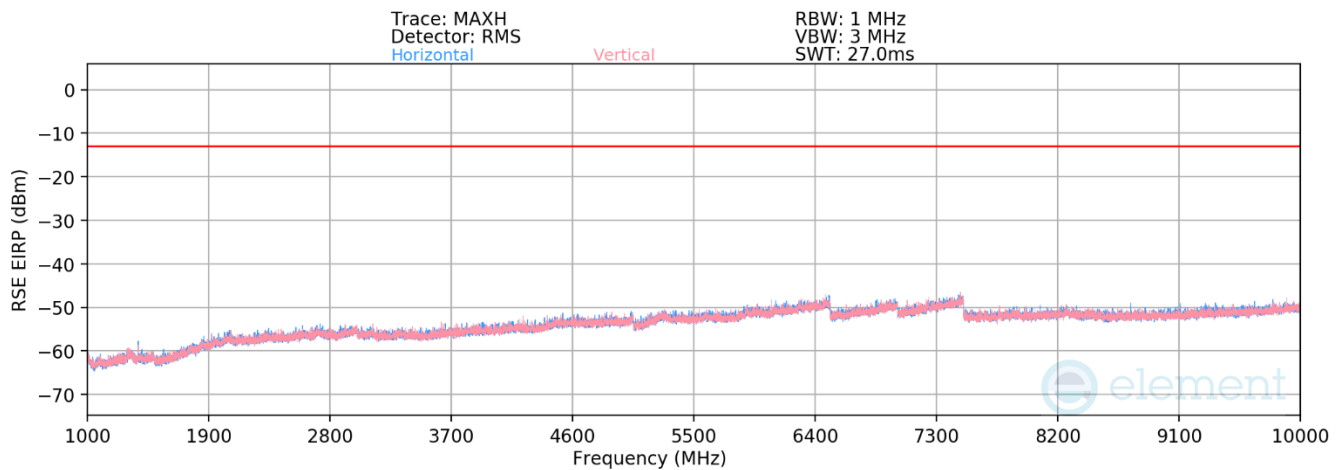
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 71



Plot 7-496. Antenna 3 Radiated Spurious Emission below 1GHz (LTE Band 71)



Plot 7-497. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 71)

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device		Page 333 of 359

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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	-	-	-77.77	-0.97	28.25	-67.00	-13.00	-54.00
2019.0	V	-	-	-77.68	2.09	31.41	-63.85	-13.00	-50.85
2692.0	V	-	-	-78.68	4.05	32.37	-62.89	-13.00	-49.89

Table 7-79. Antenna 3 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	-	-	-78.79	-0.97	27.24	-68.02	-13.00	-55.02
2041.5	H	-	-	-77.44	1.94	31.50	-63.75	-13.00	-50.75
2722.0	H	-	-	-78.50	3.85	32.35	-62.90	-13.00	-49.90

Table 7-80. Antenna 3 Radiated Spurious Data (LTE Band 71 – Mid Channel)

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

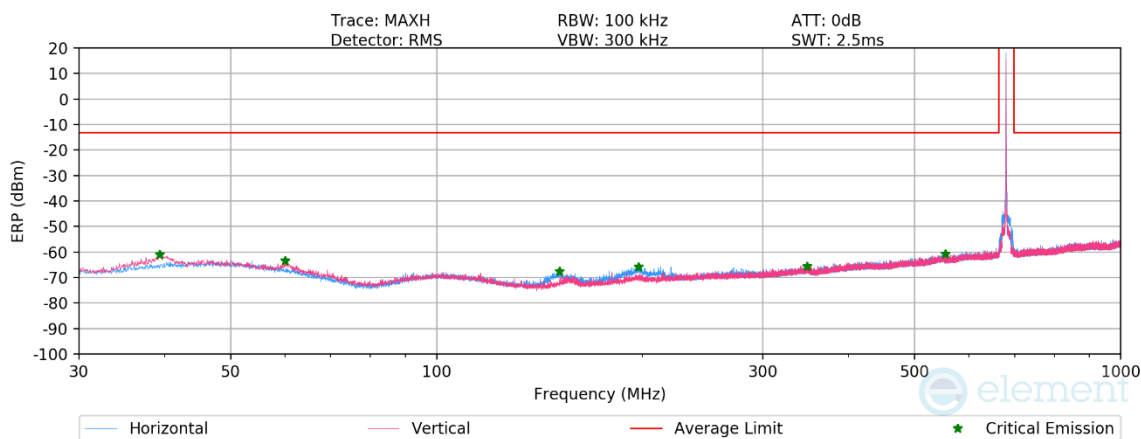
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.0	V	-	-	-78.75	-0.82	27.43	-67.82	-13.00	-54.82
2064.0	V	-	-	-77.92	2.31	31.38	-63.88	-13.00	-50.88
2752.0	H	-	-	-78.61	3.85	32.24	-63.02	-13.00	-50.02

Table 7-81. Antenna 3 Radiated Spurious Data (LTE Band 71 – High Channel)

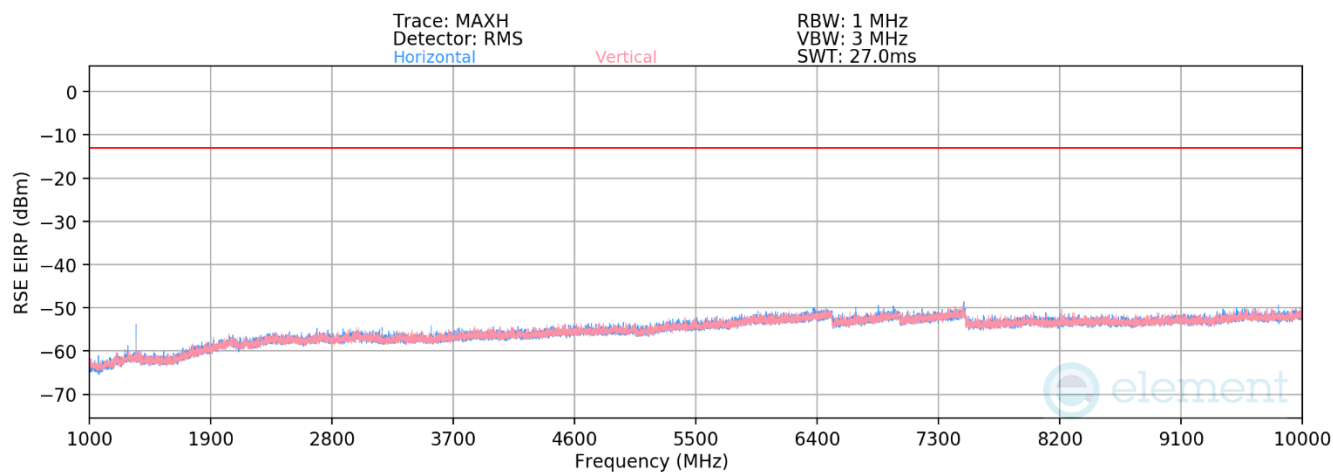
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n71



Plot 7-498. Antenna 3 Radiated Spurious Emission below 1GHz (NR Band n71)



Plot 7-499. Antenna 3 Radiated Spurious Emission above 1GHz (NR Band n71)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device	Page 335 of 359

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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	100	35	-67.22	-3.89	35.89	-59.37	-13.00	-46.37
2019.0	H	-	-	-75.57	-0.61	30.82	-64.43	-13.00	-51.43
2692.0	H	-	-	-76.59	1.02	31.43	-63.83	-13.00	-50.83
3365.0	H	-	-	-76.86	1.77	31.91	-63.35	-13.00	-50.35

Table 7-82. Antenna 3 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	382	24	-72.38	-4.00	30.62	-64.64	-13.00	-51.64
2041.5	H	-	-	-75.65	-0.47	30.87	-64.38	-13.00	-51.38
2722.0	H	-	-	-76.19	0.96	31.77	-63.49	-13.00	-50.49
3402.5	H	-	-	-76.73	1.59	31.85	-63.41	-13.00	-50.41

Table 7-83. Antenna 3 Radiated Spurious Data (NR Band n71 – Mid Channel)

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

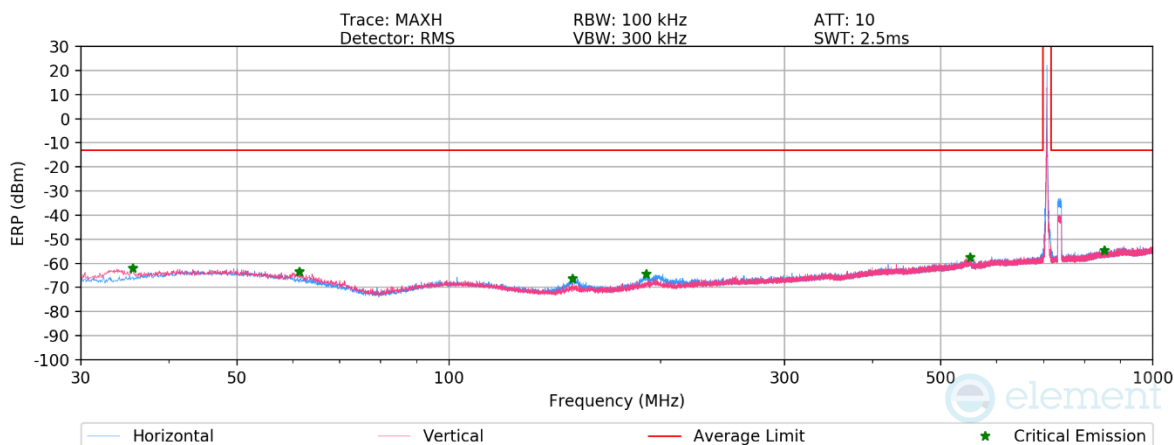
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.0	H	254	153	-73.68	-3.93	29.39	-65.87	-13.00	-52.87
2064.0	V	-	-	-75.53	-0.61	30.87	-64.39	-13.00	-51.39
2752.0	V	-	-	-76.22	1.01	31.79	-63.47	-13.00	-50.47
3440.0	V	-	-	-77.03	1.83	31.80	-63.45	-13.00	-50.45

Table 7-84. Antenna 3 Radiated Spurious Data (NR Band n71 – High Channel)

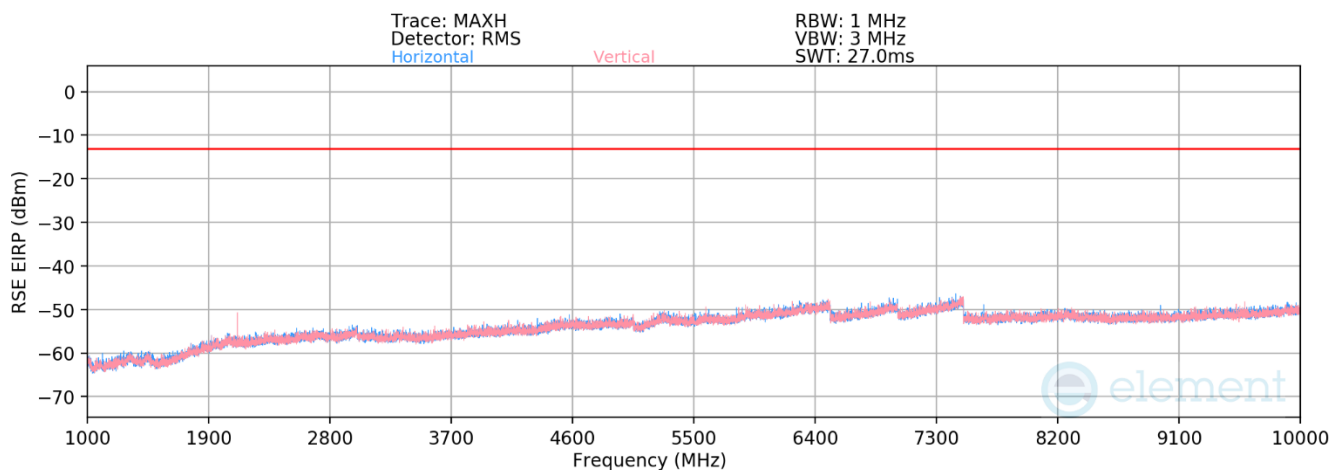
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 12/17



Plot 7-500. Antenna 1 Radiated Spurious Emission below 1GHz (LTE Band 12/17)



Plot 7-501. Antenna 1 Radiated Spurious Emission above 1GHz (LTE Band 12/17)

FCC ID: BCGA3358	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	-	-	-78.47	-1.01	27.52	-67.74	-13.00	-54.74
2112.0	V	-	-	-77.76	1.72	30.96	-64.30	-13.00	-51.30
2816.0	V	-	-	-78.35	3.26	31.90	-63.35	-13.00	-50.35

Table 7-85. Antenna 3 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	V	-	-	-78.43	-1.01	27.57	-67.69	-13.00	-54.69
2122.5	V	-	-	-77.36	1.72	31.36	-63.90	-13.00	-50.90
2830.0	H	-	-	-78.33	3.26	31.93	-63.33	-13.00	-50.33

Table 7-86. Antenna 3 Radiated Spurious Data (LTE Band 12/17 – Mid Channel)

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

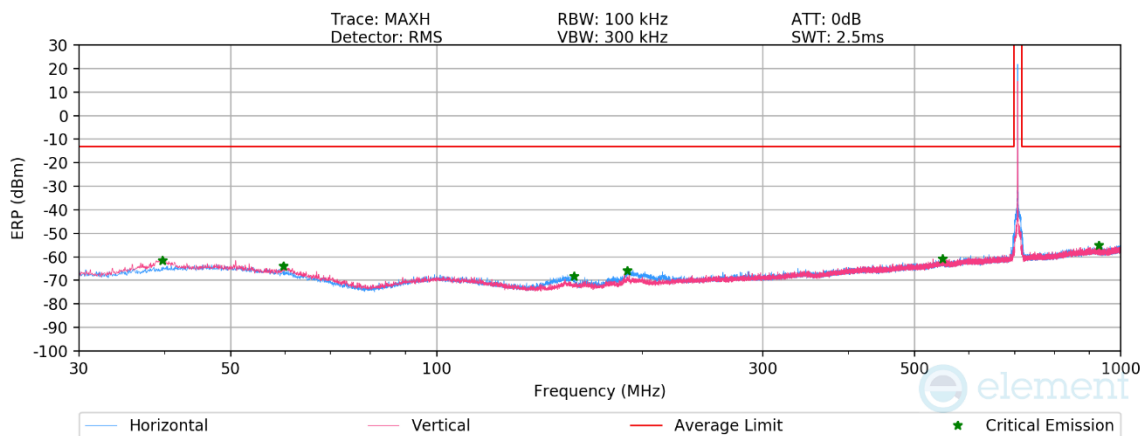
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1422.0	V	-	-	-78.12	-1.86	27.02	-68.24	-13.00	-55.24
2133.0	V	-	-	-77.91	1.72	30.81	-64.45	-13.00	-51.45
2844.0	H	-	-	-78.17	2.94	31.78	-63.48	-13.00	-50.48

Table 7-87. Antenna 3 Radiated Spurious Data (LTE Band 12/17 – High Channel)

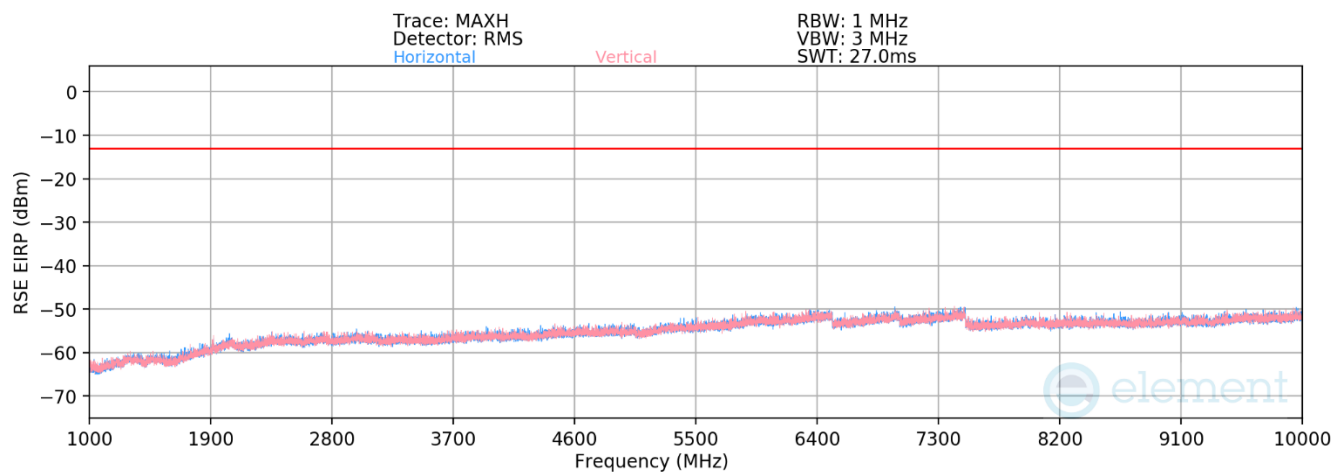
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n12



Plot 7-502. Antenna 1 Radiated Spurious Emission below 1GHz (NR Band n12)



Plot 7-503. Antenna 1 Radiated Spurious Emission above 1GHz (NR Band n12)

FCC ID: BCGA3358	 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	-	-	-74.48	-4.55	27.97	-67.29	-13.00	-54.29
2119.5	H	-	-	-75.93	-0.98	30.09	-65.17	-13.00	-52.17
2826.0	H	-	-	-76.29	0.45	31.16	-64.10	-13.00	-51.10

Table 7-88. Antenna 3 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	-	-	-73.90	-4.55	28.55	-66.71	-13.00	-53.71
2122.5	H	-	-	-76.01	-0.91	30.08	-65.18	-13.00	-52.18
2830.0	V	-	-	-75.97	0.45	31.48	-63.78	-13.00	-50.78

Table 7-89. Antenna 3 Radiated Spurious Data (NR Band n12 – Mid Channel)

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

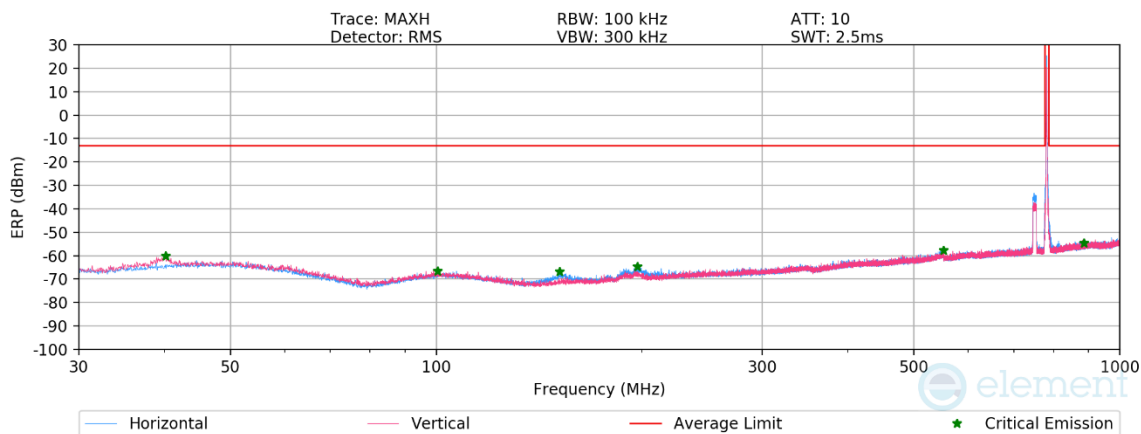
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1417.0	H	-	-	-73.56	-4.55	28.89	-66.37	-13.00	-53.37
2125.5	H	-	-	-75.90	-0.98	30.12	-65.14	-13.00	-52.14
2834.0	V	-	-	-76.36	0.46	31.11	-64.15	-13.00	-51.15

Table 7-90. Antenna 3 Radiated Spurious Data (NR Band n12 – High Channel)

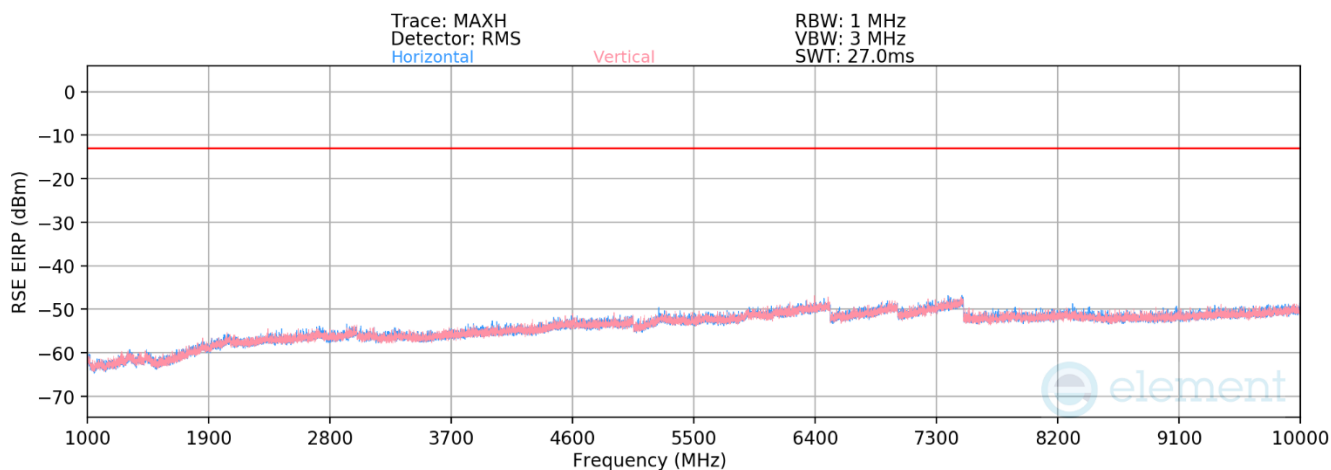
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 13



Plot 7-504. Antenna 3 Radiated Spurious Emission below 1GHz (LTE Band 13)



Plot 7-505. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 13)

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-09.BCG	Test Dates: 5/9/2025 - 6/24/2025	EUT Type: Tablet Device		Page 341 of 359

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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	H	-	-	-78.17	-2.21	26.62	-68.64	-40.00	-28.64
2338.5	H	-	-	-78.53	2.93	31.40	-63.86	-13.00	-50.86
3118.0	H	-	-	-78.68	4.79	33.11	-62.14	-13.00	-49.14

Table 7-91. Antenna 3 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	-	-	-78.32	-2.21	26.47	-68.79	-40.00	-28.79
2346.0	H	-	-	-78.31	2.93	31.62	-63.64	-13.00	-50.64
3128.0	V	-	-	-78.74	4.67	32.93	-62.33	-13.00	-49.33

Table 7-92. Antenna 3 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	-	-	-78.23	-2.21	26.56	-68.70	-40.00	-28.70
2353.5	V	-	-	-78.35	2.75	31.40	-63.86	-13.00	-50.86
3138.0	H	-	-	-78.89	4.79	32.90	-62.36	-13.00	-49.36

Table 7-93. Antenna 3 Radiated Spurious Data (LTE Band 13 – High Channel)

FCC ID: BCGA3358	 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	H	-	-	-76.87	1.92	32.05	-63.21	-13.00	-50.21
5100.0	V	-	-	-78.01	4.74	33.73	-61.53	-13.00	-48.53
6800.0	H	-	-	-78.57	7.88	36.31	-58.94	-13.00	-45.94

Table 7-94. Antenna 3 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	-	-	-76.75	1.67	31.92	-63.33	-13.00	-50.33
5107.5	V	-	-	-78.09	4.71	33.63	-61.63	-13.00	-48.63
6810.0	H	-	-	-78.84	8.10	36.26	-59.00	-13.00	-46.00

Table 7-95. Antenna 3 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	-	-	-76.57	1.64	32.08	-63.18	-13.00	-50.18
5115.0	V	-	-	-77.83	4.71	33.89	-61.37	-13.00	-48.37
6820.0	H	-	-	-78.86	8.10	36.24	-59.02	-13.00	-46.02

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

FCC ID: BCGA3358	 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	H	-	-	-78.45	3.71	32.26	-63.00	-13.00	-50.00
5137.2	V	-	-	-79.87	8.06	35.19	-60.06	-13.00	-47.06
6849.6	H	-	-	-80.13	10.78	37.65	-57.61	-13.00	-44.61

Table 7-97. Antenna 3 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	H	-	-	-78.63	3.90	32.27	-62.99	-13.00	-49.99
5197.8	H	-	-	-79.20	8.22	36.03	-59.23	-13.00	-46.23
6930.4	V	-	-	-79.86	10.96	38.09	-57.17	-13.00	-44.17

Table 7-98. Antenna 3 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	V	-	-	-78.69	4.09	32.40	-62.86	-13.00	-49.86
5257.8	V	-	-	-79.57	8.84	36.26	-58.99	-13.00	-45.99
7010.4	H	-	-	-79.77	10.24	37.47	-57.79	-13.00	-44.79

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

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.7.4 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	H	284	317	-71.44	0.01	35.56	-59.70	-13.00	-46.70
5160.0	V	-	-	-77.58	3.32	32.74	-62.52	-13.00	-49.52
6880.0	V	-	-	-77.72	5.41	34.69	-60.56	-13.00	-47.56
8600.0	H	-	-	-78.04	5.39	34.34	-60.92	-13.00	-47.92

Table 7-100. 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	H	-	-	-76.01	0.13	31.12	-64.14	-13.00	-51.14
5235.0	V	-	-	-77.65	3.38	32.73	-62.53	-13.00	-49.53
6980.0	V	-	-	-77.95	5.51	34.56	-60.70	-13.00	-47.70

Table 7-101. 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	-	-	-76.01	0.21	31.20	-64.06	-13.00	-51.06
5310.0	V	-	-	-77.62	3.38	32.76	-62.50	-13.00	-49.50
7080.0	V	-	-	-78.14	5.56	34.42	-60.84	-13.00	-47.84

Table 7-102. Antenna 2b 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	V	-	-	-76.53	1.59	32.06	-63.20	-13.00	-50.20
5617.5	V	-	-	-77.59	4.75	34.16	-61.10	-13.00	-48.10
7490.0	V	-	-	-78.89	8.40	36.50	-58.76	-13.00	-45.76

Table 7-103. 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	-	-	-76.62	1.59	31.97	-63.29	-13.00	-50.29
5640.0	V	-	-	-77.31	4.63	34.32	-60.94	-13.00	-47.94
7520.0	V	-	-	-78.60	7.83	36.23	-59.02	-13.00	-46.02

Table 7-104. 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	H	-	-	-76.49	1.64	32.16	-63.10	-13.00	-50.10
5662.5	V	-	-	-77.89	5.25	34.36	-60.90	-13.00	-47.90
7550.0	V	-	-	-78.19	7.61	36.42	-58.84	-13.00	-45.84

Table 7-105. Antenna 2b 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	-	-	-76.73	1.67	31.94	-63.31	-13.00	-50.31
5100.0	H	-	-	-77.93	4.75	33.82	-61.44	-13.00	-48.44
6800.0	V	-	-	-78.82	8.10	36.27	-58.98	-13.00	-45.98

Table 7-106. 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	-	-	-76.63	1.67	32.04	-63.22	-13.00	-50.22
5107.5	H	-	-	-77.74	4.77	34.03	-61.23	-13.00	-48.23
6810.0	H	-	-	-78.82	8.10	36.27	-58.98	-13.00	-45.98

Table 7-107. 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	H	-	-	-76.42	1.71	32.29	-62.97	-13.00	-49.97
5115.0	V	-	-	-77.74	4.71	33.97	-61.29	-13.00	-48.29
6820.0	H	-	-	-78.51	7.85	36.34	-58.92	-13.00	-45.92

Table 7-108. Antenna 2b 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	H	-	-	-78.84	4.03	32.19	-63.06	-13.00	-50.06
5137.2	H	-	-	-79.29	7.70	35.41	-59.85	-13.00	-46.85
6849.6	H	-	-	-79.90	10.61	37.71	-57.55	-13.00	-44.55

Table 7-109. 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	H	-	-	-78.39	3.90	32.51	-62.75	-13.00	-49.75
5197.8	V	-	-	-79.07	7.98	35.90	-59.35	-13.00	-46.35
6930.4	H	-	-	-79.94	10.96	38.02	-57.24	-13.00	-44.24

Table 7-110. 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	H	-	-	-78.43	3.94	32.52	-62.74	-13.00	-49.74
5257.8	H	-	-	-79.42	8.84	36.42	-58.84	-13.00	-45.84
7010.4	V	-	-	-79.59	10.36	37.77	-57.48	-13.00	-44.48

Table 7-111. Antenna 2b Radiated Spurious Data (WCDMA AWS – High Channel)

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7.8 Frequency Stability / Temperature Variation

\$2.1053, \$27.53

Test Overview and Limit

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

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

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

Test Procedure Used

ANSI C63.26-2015

TIA-603-E-2016

Test Settings

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

Test Setup

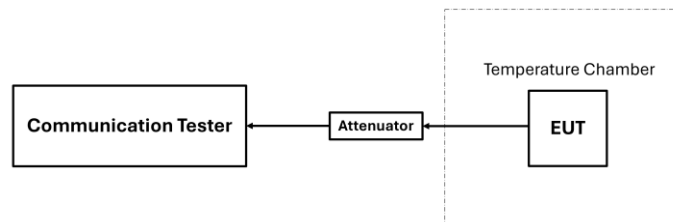


Figure 7-13. LTE Test Instrument & Measurement Setup

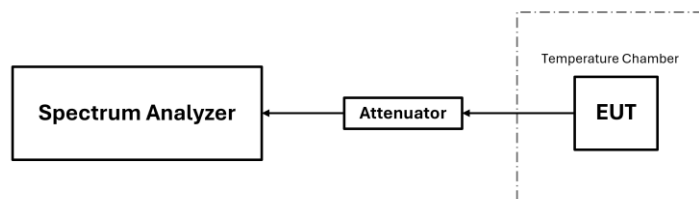


Figure 7-14. FR1 Test Instrument & Measurement Setup

Test Notes

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

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Frequency Stability / Temperature Variation

LTE Band 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	1.71088123	-0.00088123
		- 20	1.71074190	-0.00074190
		- 10	1.71085739	-0.00085739
		0	1.71071043	-0.00071043
		+ 10	1.71089567	-0.00089567
		+ 20 (Ref)	1.71076835	-0.00076835
		+ 30	1.71082611	-0.00082611
		+ 40	1.71078452	-0.00078452
		+ 50	1.71072031	-0.00072031
Battery Endpoint	3.40	+ 20	1.71084976	-0.00084976

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	1.77953918	-0.00046082
		- 20	1.77942977	-0.00057023
		- 10	1.77949238	-0.00050762
		0	1.77944722	-0.00055278
		+ 10	1.77952694	-0.00047306
		+ 20 (Ref)	1.77941306	-0.00058694
		+ 30	1.77950863	-0.00049137
		+ 40	1.77947532	-0.00052468
		+ 50	1.77954373	-0.00045627
Battery Endpoint	3.40	+ 20	1.77946019	-0.00053981

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	0.66375482	-0.00075482
		- 20	0.66379231	-0.00079231
		- 10	0.66372811	-0.00072811
		0	0.66370924	-0.00070924
		+ 10	0.66377549	-0.00077549
		+ 20 (Ref)	0.66374301	-0.00074301
		+ 30	0.66378470	-0.00078470
		+ 40	0.66371650	-0.00071650
		+ 50	0.66376938	-0.00076938
Battery Endpoint	3.40	+ 20	0.66373196	-0.00073196

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	0.69734571	-0.00065429
		- 20	0.69726309	-0.00073691
		- 10	0.69739103	-0.00060897
		0	0.69722538	-0.00077462
		+ 10	0.69731846	-0.00068154
		+ 20 (Ref)	0.69728061	-0.00071939
		+ 30	0.69736289	-0.00063711
		+ 40	0.69729437	-0.00070563
		+ 50	0.69737121	-0.00062879
Battery Endpoint	3.40	+ 20	0.69723575	-0.00076425

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	0.69963422	-0.00163422
		- 20	0.69968894	-0.00168894
		- 10	0.69961758	-0.00161758
		0	0.69966943	-0.00166943
		+ 10	0.69965371	-0.00165371
		+ 20 (Ref)	0.69967890	-0.00167890
		+ 30	0.69962015	-0.00162015
		+ 40	0.69969533	-0.00169533
		+ 50	0.69963987	-0.00163987
Battery Endpoint	3.40	+ 20	0.69966159	-0.00166159

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	0.71535372	-0.00064628
		- 20	0.71538904	-0.00061096
		- 10	0.71531753	-0.00068247
		0	0.71537846	-0.00062154
		+ 10	0.71534262	-0.00065738
		+ 20 (Ref)	0.71539578	-0.00060422
		+ 30	0.71532890	-0.00067110
		+ 40	0.71536219	-0.00063781
		+ 50	0.71533488	-0.00066512
Battery Endpoint	3.40	+ 20	0.71538726	-0.00061274

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	0.77758392	-0.00058392
		- 20	0.77754731	-0.00054731
		- 10	0.77759547	-0.00059547
		0	0.77752918	-0.00052918
		+ 10	0.77756173	-0.00056173
		+ 20 (Ref)	0.77757849	-0.00057849
		+ 30	0.77751562	-0.00051562
		+ 40	0.77759285	-0.00059285
		+ 50	0.77753471	-0.00053471
Battery Endpoint	3.40	+ 20	0.77757321	-0.00057321

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	0.78637130	-0.00062871
		- 20	0.78638604	-0.00061396
		- 10	0.78631276	-0.00068724
		0	0.78639816	-0.00060184
		+ 10	0.78634951	-0.00065049
		+ 20 (Ref)	0.78632781	-0.00067219
		+ 30	0.78639028	-0.00060972
		+ 40	0.78636049	-0.00063951
		+ 50	0.78631468	-0.00068532
Battery Endpoint	3.40	+ 20	0.78638204	-0.00061797

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	1.71074533	-0.00074533
		- 20	1.71077904	-0.00077904
		- 10	1.71071487	-0.00071486
		0	1.71078953	-0.00078953
		+ 10	1.71075542	-0.00075542
		+ 20 (Ref)	1.71077261	-0.00077261
		+ 30	1.71070195	-0.00070195
		+ 40	1.71078327	-0.00078327
		+ 50	1.71073792	-0.00073791
Battery Endpoint	3.40	+ 20	1.71076841	-0.00076841

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	1.77913786	-0.00086214
		- 20	1.77919242	-0.00080759
		- 10	1.77915897	-0.00084103
		0	1.77917452	-0.00082548
		+ 10	1.77911938	-0.00088062
		+ 20 (Ref)	1.77918303	-0.00081697
		+ 30	1.77914177	-0.00085823
		+ 40	1.77916984	-0.00083016
		+ 50	1.77912346	-0.00087654
Battery Endpoint	3.40	+ 20	1.77918765	-0.00081235

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	1.69547284	-0.00047284
		- 20	1.69541951	-0.00041951
		- 10	1.69549562	-0.00049562
		0	1.69543822	-0.00043821
		+ 10	1.69546039	-0.00046039
		+ 20 (Ref)	1.69548175	-0.00048175
		+ 30	1.69544790	-0.00044790
		+ 40	1.69542620	-0.00042620
		+ 50	1.69549017	-0.00049017
Battery Endpoint	3.40	+ 20	1.69541368	-0.00041368

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	1.70958723	-0.00041277
		- 20	1.70952385	-0.00047615
		- 10	1.70959106	-0.00040894
		0	1.70953429	-0.00046571
		+ 10	1.70957781	-0.00042219
		+ 20 (Ref)	1.70951860	-0.00048140
		+ 30	1.70954918	-0.00045082
		+ 40	1.70956493	-0.00043507
		+ 50	1.70950815	-0.00049185
Battery Endpoint	3.40	+ 20	1.70959647	-0.00040353

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

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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	0.66348921	-0.00048920
		- 20	0.66342683	-0.00042683
		- 10	0.66347139	-0.00047139
		0	0.66344208	-0.00044208
		+ 10	0.66349732	-0.00049732
		+ 20 (Ref)	0.66345892	-0.00045892
		+ 30	0.66341309	-0.00041309
		+ 40	0.66348467	-0.00048467
		+ 50	0.66343721	-0.00043721
Battery Endpoint	3.40	+ 20	0.66346859	-0.00046859

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	0.69746383	-0.00053617
		- 20	0.69748921	-0.00051079
		- 10	0.69742632	-0.00057368
		0	0.69744589	-0.00055411
		+ 10	0.69747014	-0.00052986
		+ 20 (Ref)	0.69748272	-0.00051728
		+ 30	0.69741421	-0.00058579
		+ 40	0.69749856	-0.00050144
		+ 50	0.69745307	-0.00054693
Battery Endpoint	3.40	+ 20	0.69743980	-0.00056020

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	0.69946328	-0.00046328
		- 20	0.69942060	-0.00042060
		- 10	0.69948913	-0.00048913
		0	0.69944183	-0.00044183
		+ 10	0.69947825	-0.00047825
		+ 20 (Ref)	0.69940751	-0.00040751
		+ 30	0.69949408	-0.00049408
		+ 40	0.69943679	-0.00043679
		+ 50	0.69945236	-0.00045236
Battery Endpoint	3.40	+ 20	0.69946981	-0.00046981

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	0.71559243	-0.00040757
		- 20	0.71553822	-0.00046178
		- 10	0.71556309	-0.00043691
		0	0.71558670	-0.00041330
		+ 10	0.71550983	-0.00049017
		+ 20 (Ref)	0.71557892	-0.00042108
		+ 30	0.71552106	-0.00047894
		+ 40	0.71554783	-0.00045217
		+ 50	0.71553147	-0.00046853
Battery Endpoint	3.40	+ 20	0.71555920	-0.00044080

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	1.71045689	-0.00045689
		- 20	1.71063821	-0.00063821
		- 10	1.71048973	-0.00048973
		0	1.71042301	-0.00042301
		+ 10	1.71068211	-0.00068211
		+ 20 (Ref)	1.71052891	-0.00052891
		+ 30	1.71061548	-0.00061548
		+ 40	1.71047123	-0.00047123
		+ 50	1.71069239	-0.00069239
Battery Endpoint	3.40	+ 20	1.71050736	-0.00050736

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	1.75448292	-0.00051708
		- 20	1.75434321	-0.00065679
		- 10	1.75447842	-0.00052158
		0	1.75435714	-0.00064286
		+ 10	1.75449672	-0.00050328
		+ 20 (Ref)	1.75441258	-0.00058742
		+ 30	1.75444907	-0.00055093
		+ 40	1.75433294	-0.00066706
		+ 50	1.75446706	-0.00053294
Battery Endpoint	3.40	+ 20	1.75439167	-0.00060833

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

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