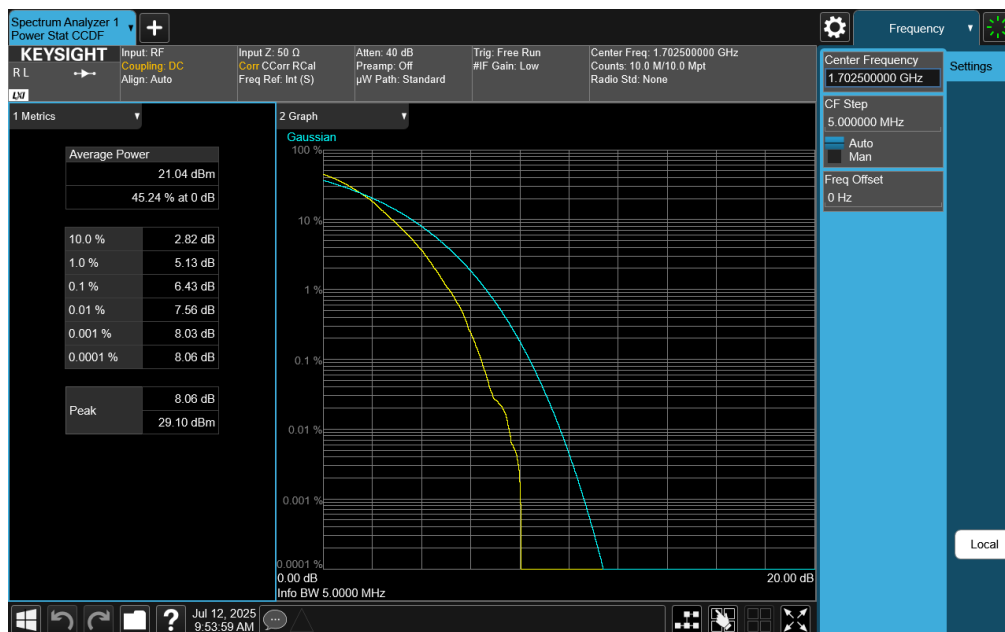
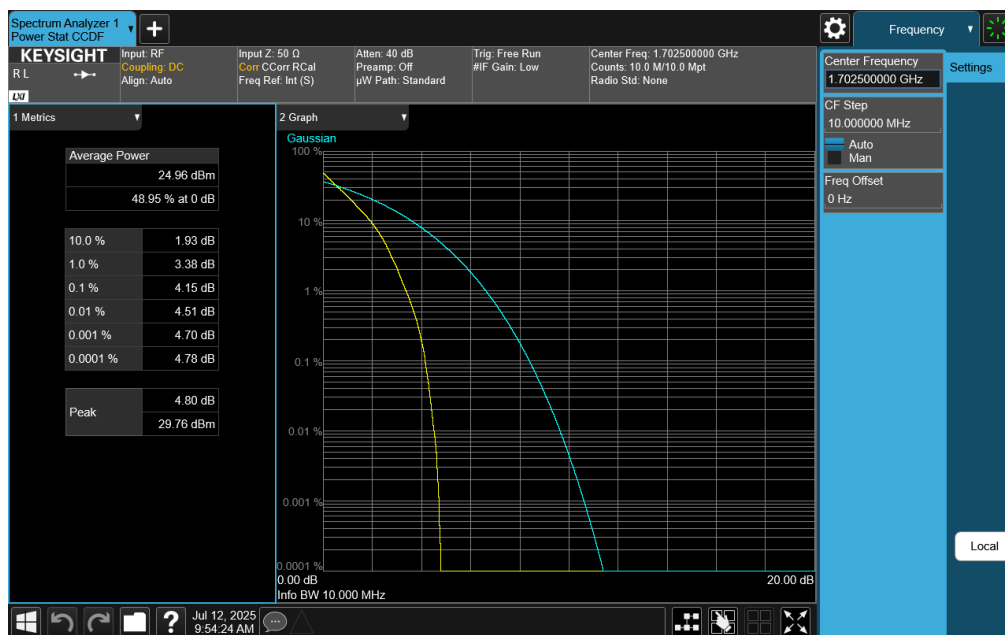




Plot 7-480. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM 256-QAM - Full RB)

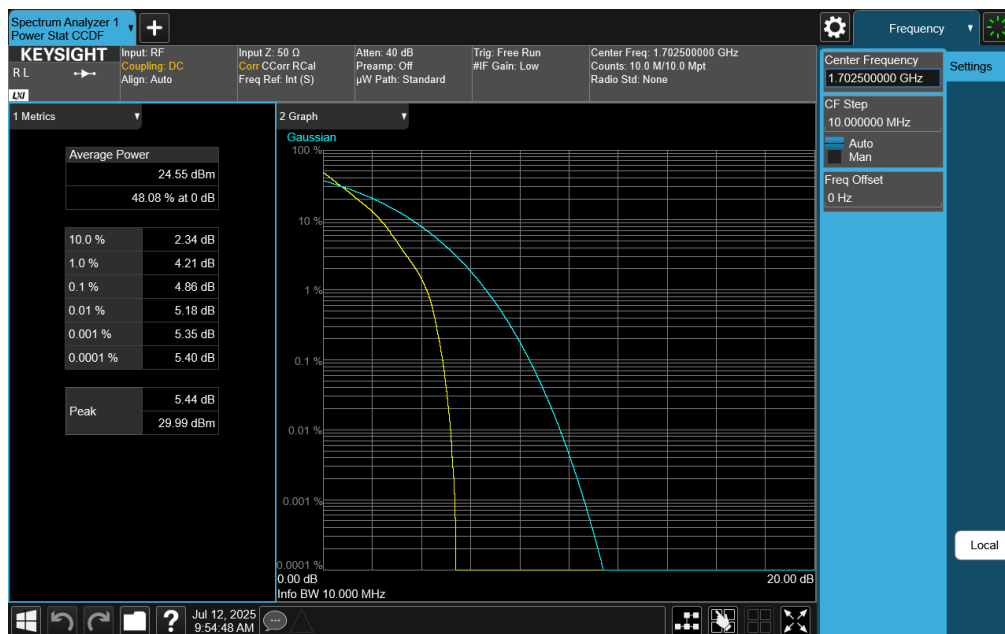


Plot 7-481. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

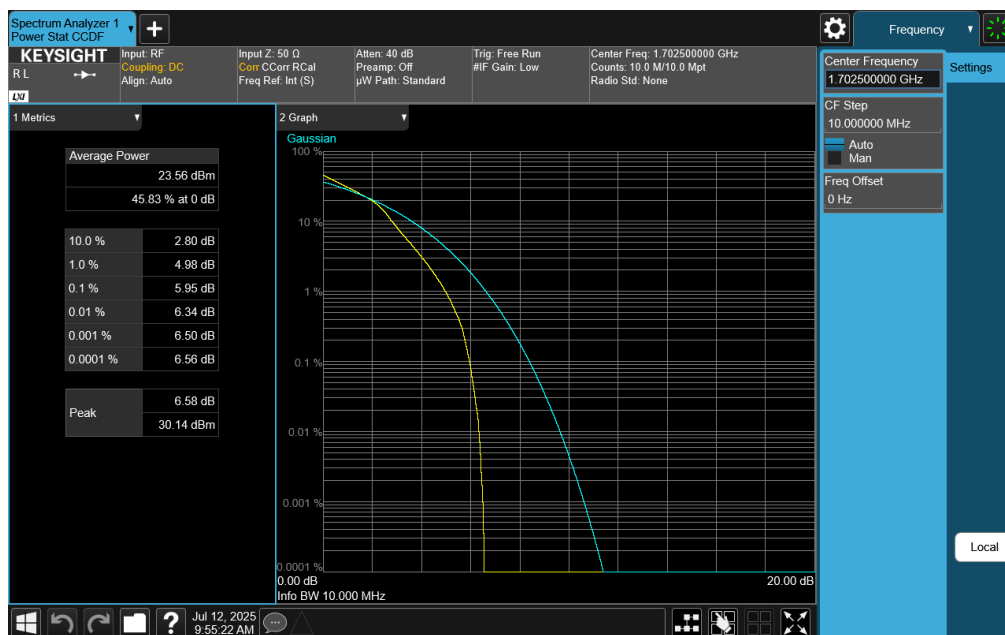
FCC ID: BCGA3361	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-482. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM QPSK - Full RB)

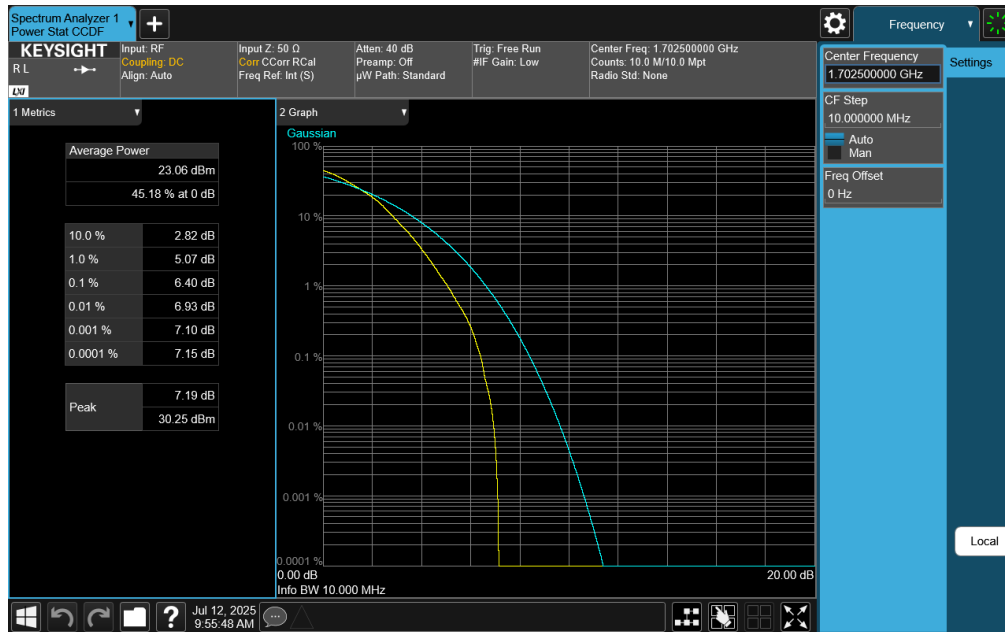


Plot 7-483. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 16-QAM - Full RB)

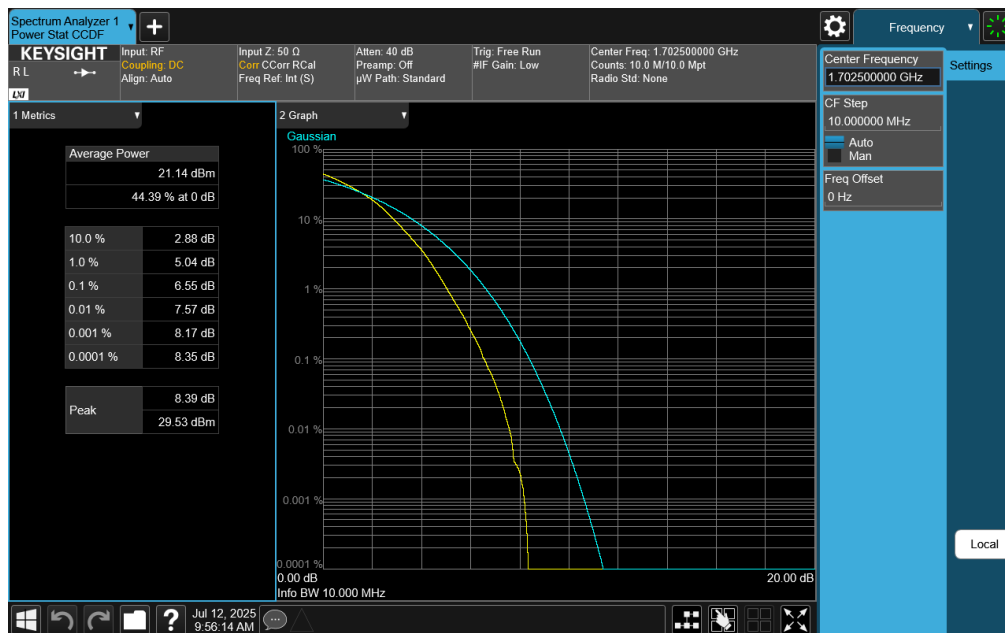
FCC ID: BCGA3361	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-484. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 64-QAM - Full RB)

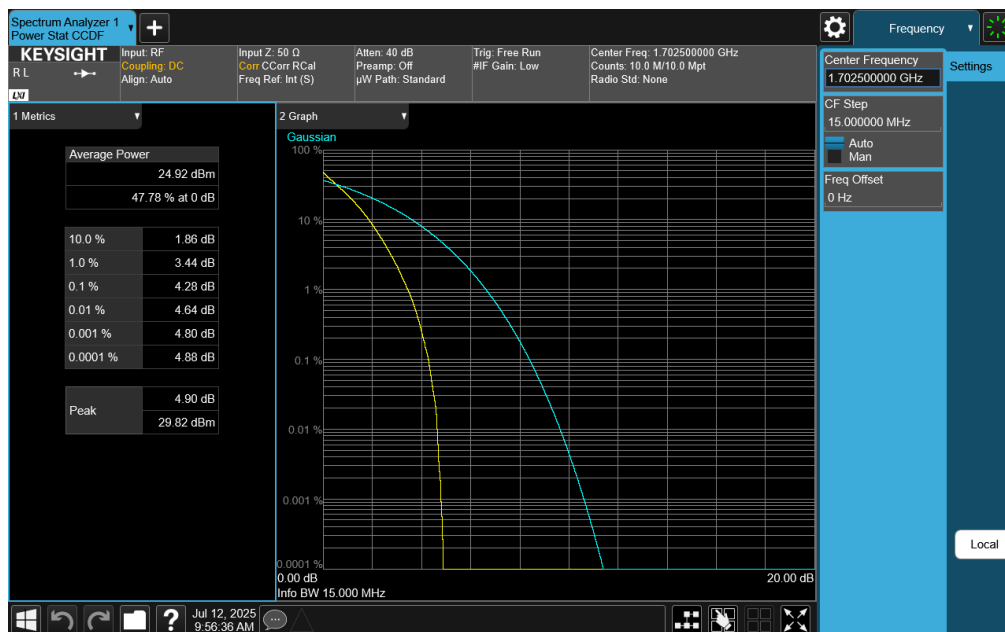


Plot 7-485. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 256-QAM - Full RB)

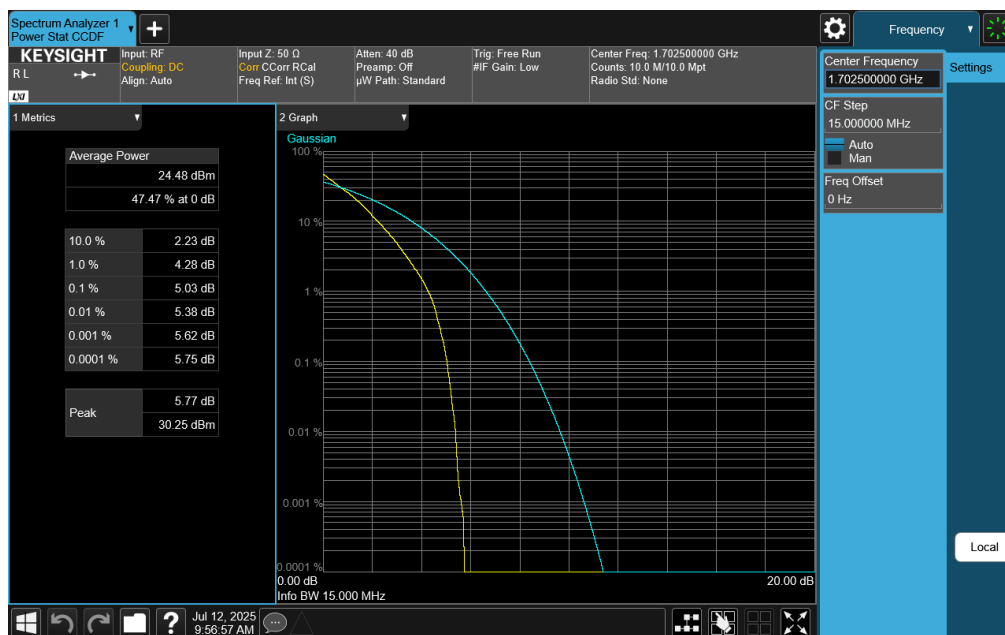
FCC ID: BCGA3361	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-486. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

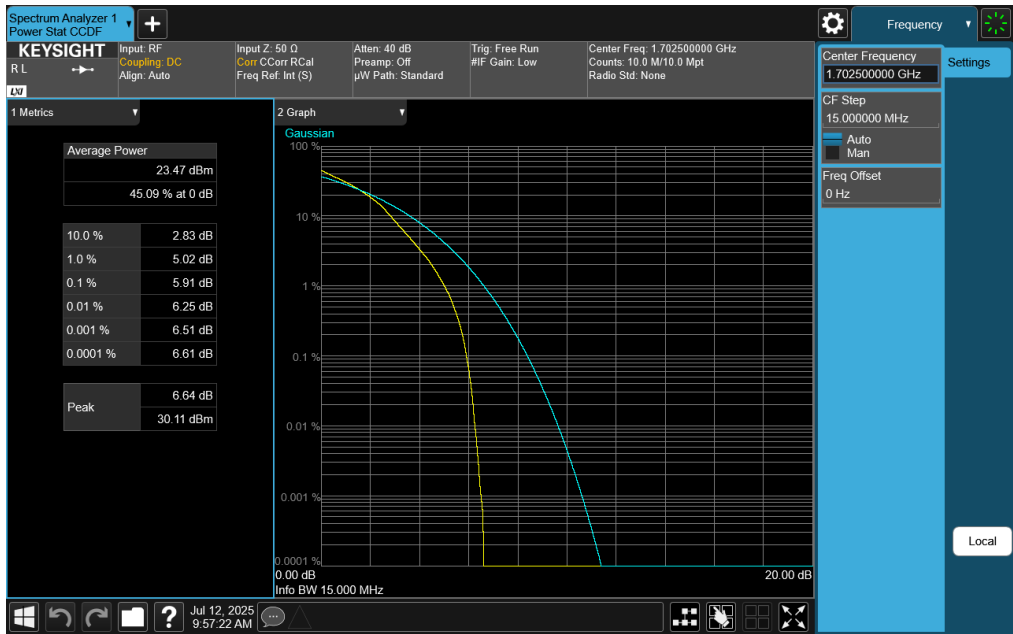


Plot 7-487. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM QPSK - Full RB)

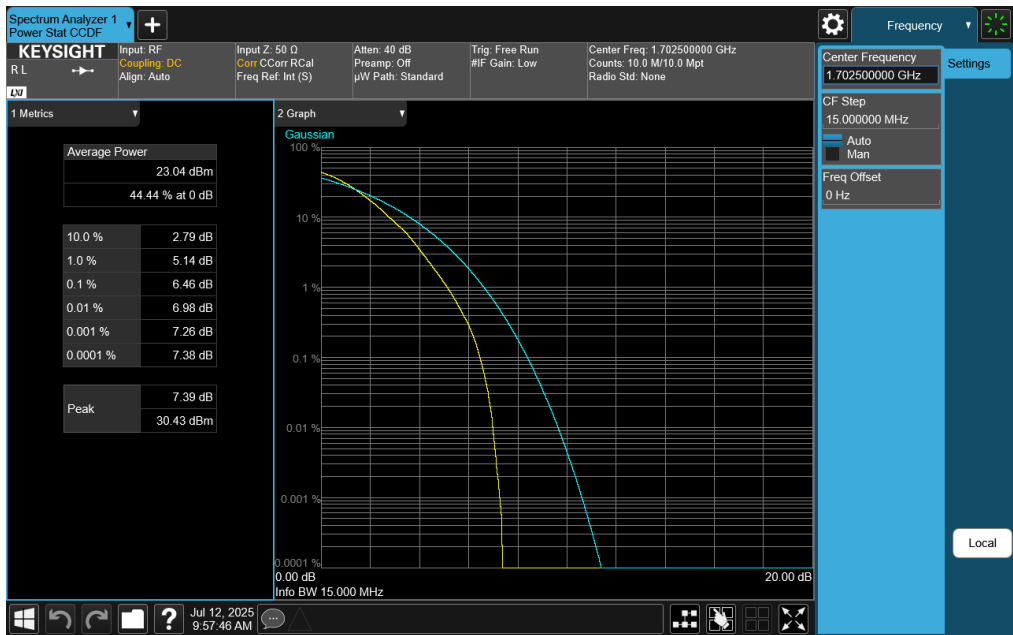
FCC ID: BCGA3361	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 273 of 359

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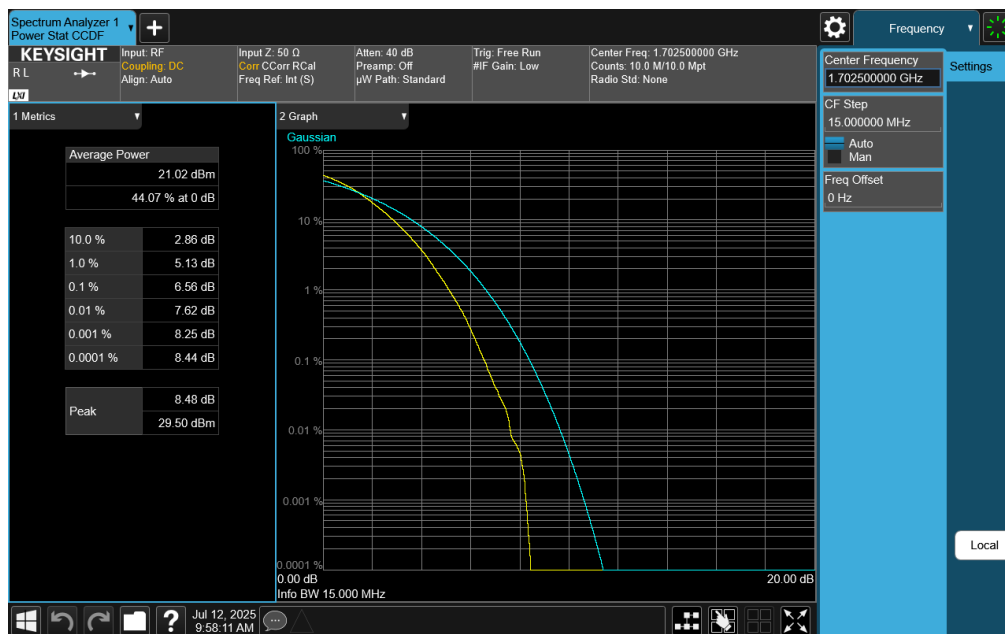


Plot 7-488. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 16-QAM - Full RB)



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

FCC ID: BCGA3361	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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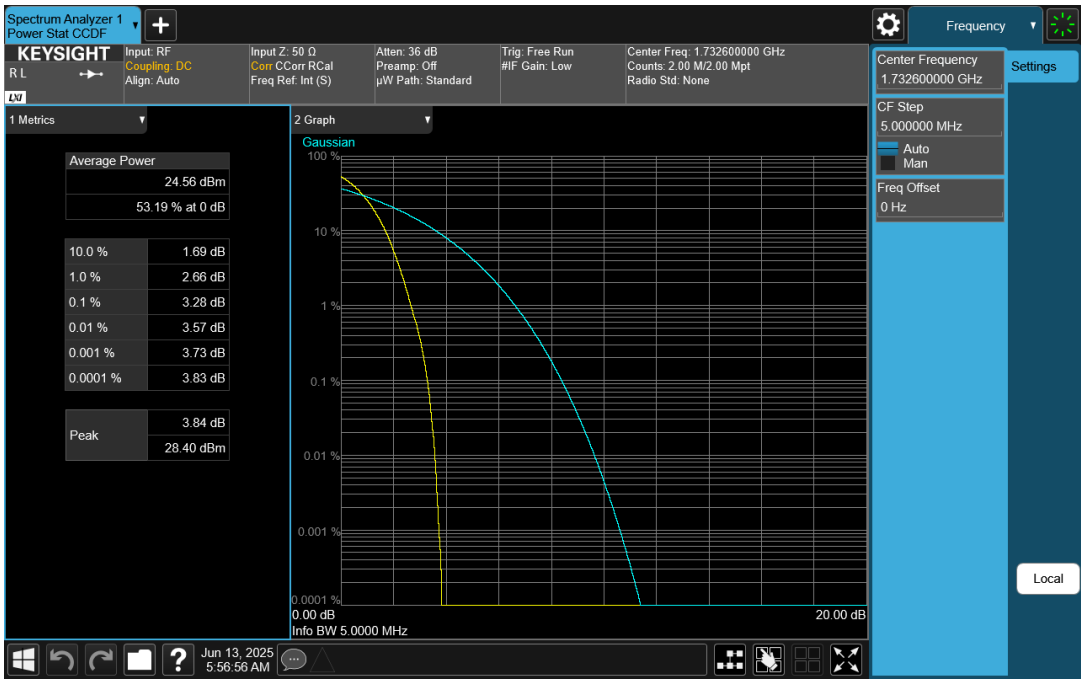
Plot 7-490. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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WCDMA AWS



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.

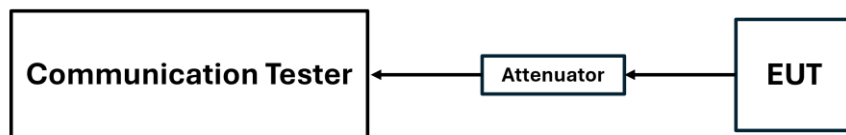


Figure 7-9. LTE ERP/EIRP Measurement Setup

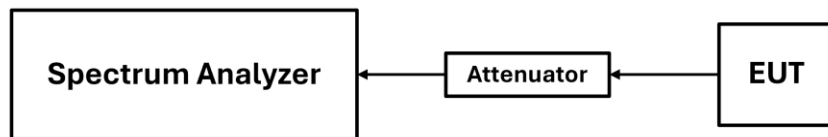


Figure 7-10. FR1 ERP/EIRP Measurement Setup

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Test Notes

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

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7.6.1 Antenna 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	-1.40	1 / 0	25.09	23.69	0.234	30.00	-6.31
		1745.0	-1.40	1 / 0	25.58	24.18	0.262	30.00	-5.82
		1779.3	-1.40	1 / 0	25.48	24.08	0.256	30.00	-5.92
	16-QAM	1779.3	-1.40	1 / 0	24.86	23.46	0.222	30.00	-6.54
	64-QAM	1779.3	-1.40	1 / 0	23.78	22.38	0.173	30.00	-7.62
	256-QAM	1745.0	-1.40	6 / 0	20.91	19.51	0.089	30.00	-10.49
3 MHz	QPSK	1711.5	-1.40	1 / 0	25.38	23.98	0.250	30.00	-6.02
		1745.0	-1.40	1 / 0	25.43	24.03	0.253	30.00	-5.97
		1778.5	-1.40	1 / 0	25.56	24.16	0.260	30.00	-5.84
	16-QAM	1778.5	-1.40	1 / 0	24.89	23.49	0.223	30.00	-6.51
	64-QAM	1778.5	-1.40	1 / 0	23.75	22.35	0.172	30.00	-7.65
	256-QAM	1745.0	-1.40	15 / 0	20.88	19.48	0.089	30.00	-10.52
5 MHz	QPSK	1712.5	-1.40	1 / 24	25.39	23.99	0.250	30.00	-6.01
		1745.0	-1.40	1 / 12	25.54	24.14	0.259	30.00	-5.86
		1777.5	-1.40	1 / 24	25.66	24.26	0.267	30.00	-5.74
	16-QAM	1745.0	-1.40	1 / 12	25.14	23.74	0.236	30.00	-6.26
	64-QAM	1745.0	-1.40	1 / 24	23.90	22.50	0.178	30.00	-7.50
	256-QAM	1745.0	-1.40	25 / 0	21.00	19.60	0.091	30.00	-10.40
10 MHz	QPSK	1715.0	-1.40	1 / 0	25.57	24.17	0.261	30.00	-5.83
		1745.0	-1.40	1 / 0	25.53	24.13	0.259	30.00	-5.87
		1775.0	-1.40	1 / 0	25.38	23.98	0.250	30.00	-6.02
	16-QAM	1745.0	-1.40	1 / 0	24.95	23.55	0.226	30.00	-6.45
	64-QAM	1745.0	-1.40	1 / 25	23.96	22.56	0.180	30.00	-7.44
	256-QAM	1745.0	-1.40	50 / 0	21.08	19.68	0.093	30.00	-10.32
15 MHz	QPSK	1717.5	-1.40	1 / 0	25.51	24.11	0.257	30.00	-5.89
		1745.0	-1.40	1 / 0	25.48	24.08	0.256	30.00	-5.92
		1772.5	-1.40	1 / 0	25.42	24.02	0.252	30.00	-5.98
	16-QAM	1745.0	-1.40	1 / 0	24.83	23.43	0.220	30.00	-6.57
	64-QAM	1745.0	-1.40	1 / 37	23.85	22.45	0.176	30.00	-7.55
	256-QAM	1745.0	-1.40	75 / 0	21.00	19.60	0.091	30.00	-10.40
	QPSK	1720.0	-1.40	1 / 0	25.37	23.97	0.249	30.00	-6.03
		1745.0	-1.40	1 / 0	25.59	24.19	0.262	30.00	-5.81
		1770.0	-1.40	1 / 0	25.38	23.98	0.250	30.00	-6.02
	16-QAM	1720.0	-1.40	1 / 0	24.81	23.41	0.219	30.00	-6.59
20 MHz	64-QAM	1745.0	-1.40	1 / 0	23.74	22.34	0.171	30.00	-7.66
	256-QAM	1745.0	-1.40	100 / 0	21.01	19.61	0.091	30.00	-10.39

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	-1.40	1 / 0	25.40	24.00	0.251	30.00	-6.00
		1732.5	-1.40	1 / 0	25.66	24.26	0.267	30.00	-5.74
		1754.3	-1.40	1 / 0	25.51	24.11	0.257	30.00	-5.89
	16-QAM	1754.3	-1.40	1 / 0	24.93	23.53	0.225	30.00	-6.47
	64-QAM	1732.5	-1.40	1 / 0	23.72	22.32	0.170	30.00	-7.68
	256-QAM	1732.5	-1.40	6 / 0	20.95	19.55	0.090	30.00	-10.45
3 MHz	QPSK	1711.5	-1.40	1 / 0	25.35	23.95	0.248	30.00	-6.05
		1732.5	-1.40	1 / 0	25.53	24.13	0.259	30.00	-5.87
		1753.5	-1.40	1 / 0	25.44	24.04	0.253	30.00	-5.96
	16-QAM	1732.5	-1.40	1 / 0	24.94	23.54	0.226	30.00	-6.46
	64-QAM	1711.5	-1.40	1 / 0	23.75	22.35	0.172	30.00	-7.65
	256-QAM	1732.5	-1.40	15 / 0	20.93	19.53	0.090	30.00	-10.47
5 MHz	QPSK	1712.5	-1.40	1 / 24	25.64	24.24	0.265	30.00	-5.76
		1732.5	-1.40	1 / 12	25.68	24.28	0.268	30.00	-5.72
		1752.5	-1.40	1 / 12	25.46	24.06	0.255	30.00	-5.94
	16-QAM	1732.5	-1.40	1 / 12	25.02	23.62	0.230	30.00	-6.38
	64-QAM	1752.5	-1.40	1 / 12	23.89	22.49	0.177	30.00	-7.51
	256-QAM	1732.5	-1.40	25 / 0	21.04	19.64	0.092	30.00	-10.36
10 MHz	QPSK	1715.0	-1.40	1 / 0	25.53	24.13	0.259	30.00	-5.87
		1732.5	-1.40	1 / 25	25.54	24.14	0.259	30.00	-5.86
		1750.0	-1.40	1 / 0	25.50	24.10	0.257	30.00	-5.90
	16-QAM	1732.5	-1.40	1 / 49	24.95	23.55	0.226	30.00	-6.45
	64-QAM	1732.5	-1.40	1 / 49	23.95	22.55	0.180	30.00	-7.45
	256-QAM	1715.0	-1.40	50 / 0	21.14	19.74	0.094	30.00	-10.26
15 MHz	QPSK	1717.5	-1.40	1 / 0	25.65	24.25	0.266	30.00	-5.75
		1732.5	-1.40	1 / 0	25.46	24.06	0.255	30.00	-5.94
		1747.5	-1.40	1 / 0	25.40	24.00	0.251	30.00	-6.00
	16-QAM	1732.5	-1.40	1 / 74	24.89	23.49	0.223	30.00	-6.51
	64-QAM	1732.5	-1.40	1 / 37	23.81	22.41	0.174	30.00	-7.59
	256-QAM	1717.5	-1.40	75 / 0	21.00	19.60	0.091	30.00	-10.40
20 MHz	QPSK	1720.0	-1.40	1 / 0	25.52	24.12	0.258	30.00	-5.88
		1732.5	-1.40	1 / 0	25.31	23.91	0.246	30.00	-6.09
		1745.0	-1.40	1 / 0	25.59	24.19	0.262	30.00	-5.81
	16-QAM	1745.0	-1.40	1 / 0	24.88	23.48	0.223	30.00	-6.52
	64-QAM	1720.0	-1.40	1 / 0	23.70	22.30	0.170	30.00	-7.70
	256-QAM	1720.0	-1.40	100 / 0	20.97	19.57	0.091	30.00	-10.43

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	-1.40	25 / 0	25.49	24.09	0.257	30.00	-5.91
		1745.0	-1.40	1 / 1	25.60	24.20	0.263	30.00	-5.80
		1777.5	-1.40	1 / 12	25.69	24.29	0.268	30.00	-5.71
	QPSK	1712.5	-1.40	1 / 12	25.47	24.07	0.256	30.00	-5.93
		1745.0	-1.40	1 / 24	25.49	24.09	0.257	30.00	-5.91
		1777.5	-1.40	1 / 1	25.55	24.15	0.260	30.00	-5.85
	16-QAM	1777.5	-1.40	1 / 24	24.32	22.92	0.196	30.00	-7.08
	64-QAM	1777.5	-1.40	25 / 0	23.59	22.19	0.165	30.00	-7.81
10 MHz	π/2 BPSK	1777.5	-1.40	25 / 0	21.54	20.14	0.103	30.00	-9.86
		1715.0	-1.40	50 / 0	25.50	24.10	0.257	30.00	-5.90
		1745.0	-1.40	50 / 0	25.45	24.05	0.254	30.00	-5.95
	QPSK	1775.0	-1.40	50 / 0	25.52	24.12	0.258	30.00	-5.88
		1715.0	-1.40	1 / 50	25.56	24.16	0.261	30.00	-5.84
		1745.0	-1.40	1 / 1	25.61	24.21	0.264	30.00	-5.79
	16-QAM	1775.0	-1.40	1 / 50	25.55	24.15	0.260	30.00	-5.85
		1745.0	-1.40	1 / 1	24.37	22.97	0.198	30.00	-7.03
15 MHz	π/2 BPSK	1715.0	-1.40	50 / 0	23.54	22.14	0.164	30.00	-7.86
		1745.0	-1.40	50 / 0	21.60	20.20	0.105	30.00	-9.80
		1775.0	-1.40	1 / 50	25.55	24.15	0.260	30.00	-5.85
	QPSK	1717.5	-1.40	75 / 0	25.47	24.07	0.255	30.00	-5.93
		1745.0	-1.40	1 / 1	25.47	24.07	0.255	30.00	-5.93
		1772.5	-1.40	75 / 0	25.53	24.13	0.259	30.00	-5.87
	16-QAM	1717.5	-1.40	1 / 1	25.52	24.12	0.258	30.00	-5.88
		1745.0	-1.40	1 / 1	25.53	24.13	0.259	30.00	-5.87
20 MHz	π/2 BPSK	1772.5	-1.40	1 / 1	25.56	24.16	0.261	30.00	-5.84
		1772.5	-1.40	1 / 1	25.56	24.16	0.261	30.00	-5.84
		1772.5	-1.40	1 / 1	25.56	24.16	0.261	30.00	-5.84
	QPSK	1772.5	-1.40	1 / 1	24.40	23.00	0.200	30.00	-7.00
		1772.5	-1.40	75 / 0	23.57	22.17	0.165	30.00	-7.83
		1772.5	-1.40	75 / 0	21.50	20.10	0.102	30.00	-9.90
	16-QAM	1772.5	-1.40	75 / 0	21.50	20.10	0.102	30.00	-9.90
		1772.5	-1.40	75 / 0	21.50	20.10	0.102	30.00	-9.90
25 MHz	π/2 BPSK	1720.0	-1.40	100 / 0	25.47	24.07	0.255	30.00	-5.93
		1745.0	-1.40	100 / 0	25.42	24.02	0.253	30.00	-5.98
		1770.0	-1.40	100 / 0	25.48	24.08	0.256	30.00	-5.92
	QPSK	1720.0	-1.40	1 / 1	25.41	24.01	0.252	30.00	-5.99
		1745.0	-1.40	1 / 104	25.54	24.14	0.260	30.00	-5.86
		1770.0	-1.40	1 / 1	25.46	24.06	0.255	30.00	-5.94
	16-QAM	1770.0	-1.40	1 / 1	24.33	22.93	0.196	30.00	-7.07
		1770.0	-1.40	100 / 0	23.53	22.13	0.163	30.00	-7.87
30 MHz	π/2 BPSK	1720.0	-1.40	100 / 0	21.46	20.06	0.101	30.00	-9.94
		1722.5	-1.40	128 / 0	25.43	24.03	0.253	30.00	-5.97
		1745.0	-1.40	128 / 0	25.43	24.03	0.253	30.00	-5.97
	QPSK	1767.5	-1.40	1 / 64	25.46	24.06	0.255	30.00	-5.94
		1722.5	-1.40	1 / 64	25.50	24.10	0.257	30.00	-5.90
		1745.0	-1.40	1 / 64	25.65	24.25	0.266	30.00	-5.75
	16-QAM	1767.5	-1.40	1 / 1	25.45	24.05	0.254	30.00	-5.95
		1767.5	-1.40	1 / 64	24.25	22.85	0.193	30.00	-7.15
35 MHz	π/2 BPSK	1722.5	-1.40	128 / 0	23.59	22.19	0.166	30.00	-7.81
		1722.5	-1.40	128 / 0	21.54	20.14	0.103	30.00	-9.86
		1722.5	-1.40	128 / 0	21.54	20.14	0.103	30.00	-9.86
	QPSK	1725.0	-1.40	1 / 158	25.45	24.05	0.254	30.00	-5.95
		1745.0	-1.40	1 / 158	25.45	24.05	0.254	30.00	-5.95
		1765.0	-1.40	160 / 0	25.55	24.15	0.260	30.00	-5.85
	16-QAM	1725.0	-1.40	1 / 158	25.60	24.20	0.263	30.00	-5.80
		1745.0	-1.40	1 / 158	25.69	24.29	0.268	30.00	-5.71
40 MHz	π/2 BPSK	1765.0	-1.40	1 / 80	25.67	24.27	0.268	30.00	-5.73
		1745.0	-1.40	1 / 158	24.35	22.95	0.197	30.00	-7.05
		1765.0	-1.40	160 / 0	23.57	22.17	0.165	30.00	-7.83
	QPSK	1765.0	-1.40	160 / 0	21.55	20.15	0.103	30.00	-9.85
		1765.0	-1.40	160 / 0	21.55	20.15	0.103	30.00	-9.85
		1765.0	-1.40	160 / 0	21.55	20.15	0.103	30.00	-9.85
	16-QAM	1765.0	-1.40	160 / 0	21.55	20.15	0.103	30.00	-9.85
		1765.0	-1.40	160 / 0	21.55	20.15	0.103	30.00	-9.85
45 MHz	π/2 BPSK	1727.5	-1.40	180 / 0	25.37	23.97	0.249	30.00	-6.03
		1745.0	-1.40	1 / 90	25.42	24.02	0.252	30.00	-5.98
		1762.5	-1.40	180 / 0	25.53	24.13	0.259	30.00	-5.87
	QPSK	1725.0	-1.40	1 / 90	25.51	24.11	0.257	30.00	-5.89
		1745.0	-1.40	1 / 90	25.46	24.06	0.255	30.00	-5.94
		1765.0	-1.40	1 / 90	25.63	24.23	0.265	30.00	-5.77
	16-QAM	1765.0	-1.40	1 / 90	24.25	22.85	0.193	30.00	-7.15
		1765.0	-1.40	180 / 0	23.57	22.17	0.165	30.00	-7.83
50 MHz	π/2 BPSK	1765.0	-1.40	180 / 0	21.54	20.14	0.103	30.00	-9.86
		1730.0	-1.40	1 / 1	25.48	24.08	0.256	30.00	-5.92
		1745.0	-1.40	1 / 214	25.53	24.13	0.259	30.00	-5.87
	QPSK	1760.0	-1.40	216 / 0	25.51	24.11	0.258	30.00	-5.89
		1730.0	-1.40	1 / 214	25.51	24.11	0.258	30.00	-5.89
		1745.0	-1.40	1 / 1	25.65	24.25	0.266	30.00	-5.75
	16-QAM	1760.0	-1.40	1 / 108	25.51	24.11	0.258	30.00	-5.89
		1745.0	-1.40	1 / 214	24.35	22.95	0.197	30.00	-7.05
55 MHz	π/2 BPSK	1760.0	-1.40	216 / 0	23.54	22.14	0.164	30.00	-7.86
		1760.0	-1.40	216 / 0	21.52	20.12	0.103	30.00	-9.88
		1760.0	-1.40	216 / 0	21.52	20.12	0.103	30.00	-9.88
	QPSK	1732.5	-1.40	1 / 240	25.49	24.09	0.257	30.00	-5.91
		1745.0	-1.40	240 / 0	25.50	24.10	0.257	30.00	-5.90
		1757.5	-1.40	240 / 0	25.56	24.16	0.261	30.00	-5.84
	16-QAM	1732.5	-1.40	1 / 240	25.48	24.08	0.256	30.00	-5.92
		1745.0	-1.40	1 / 120	25.45	24.05	0.254	30.00	-5.95
60 MHz	π/2 BPSK	1757.5	-1.40	1 / 120	25.47	24.07	0.255	30.00	-5.93
		1732.5	-1.40	1 / 240	24.38	22.98	0.199	30.00	-7.02
		1757.5	-1.40	240 / 0	23.57	22.17	0.165	30.00	-7.83
	QPSK	1757.5	-1.40	240 / 0	21.54	20.14	0.103	30.00	-9.86
		1757.5	-1.40	240 / 0	21.54	20.14	0.103	30.00	-9.86
		1757.5	-1.40	240 / 0	21.54	20.14	0.103	30.00	-9.86
	16-QAM	1757.5	-1.40	240 / 0	21.54	20.14	0.103	30.00	-9.86
		1757.5	-1.40	240 / 0	21.54	20.14	0.103	30.00	-9.86

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

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	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	-2.70	25 / 0	25.13	22.43	0.175	30.00	-7.57
		1702.5	-2.70	25 / 0	25.22	22.52	0.178	30.00	-7.48
		1707.5	-2.70	25 / 0	25.18	22.48	0.177	30.00	-7.52
	QPSK	1697.5	-2.70	1 / 1	25.30	22.60	0.182	30.00	-7.40
		1702.5	-2.70	1 / 24	25.29	22.59	0.182	30.00	-7.41
		1707.5	-2.70	1 / 12	25.25	22.55	0.180	30.00	-7.45
	16-QAM	1707.5	-2.70	1 / 1	24.11	21.41	0.138	30.00	-8.59
	64-QAM	1707.5	-2.70	25 / 0	23.27	20.57	0.114	30.00	-9.43
	256-QAM	1702.5	-2.70	25 / 0	21.32	18.62	0.073	30.00	-11.38
10 MHz	$\pi/2$ BPSK	1700.0	-2.70	50 / 0	25.24	22.54	0.179	30.00	-7.46
		1702.5	-2.70	50 / 0	25.26	22.56	0.180	30.00	-7.44
		1705.0	-2.70	50 / 0	25.29	22.59	0.182	30.00	-7.41
	QPSK	1700.0	-2.70	1 / 1	25.24	22.54	0.180	30.00	-7.46
		1702.5	-2.70	1 / 50	25.23	22.53	0.179	30.00	-7.47
		1705.0	-2.70	1 / 50	25.24	22.54	0.179	30.00	-7.46
	16-QAM	1700.0	-2.70	1 / 1	24.04	21.34	0.136	30.00	-8.66
	64-QAM	1700.0	-2.70	50 / 0	23.18	20.48	0.112	30.00	-9.52
15 MHz	256-QAM	1702.5	-2.70	50 / 0	21.21	18.51	0.071	30.00	-11.49
	$\pi/2$ BPSK	1702.5	-2.70	75 / 0	25.06	22.36	0.172	30.00	-7.64
	QPSK	1702.5	-2.70	1 / 77	25.09	22.39	0.173	30.00	-7.61
	16-QAM	1702.5	-2.70	1 / 77	23.94	21.24	0.133	30.00	-8.76
	64-QAM	1702.5	-2.70	75 / 0	23.20	20.50	0.112	30.00	-9.50
	256-QAM	1702.5	-2.70	75 / 0	21.14	18.44	0.070	30.00	-11.56

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

FCC ID: BCGA3361	 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	25.62	-1.40	24.22	0.264	30.00	-5.78
1732.60	WCDMA1700	25.68	-1.40	24.28	0.268	30.00	-5.72
1752.60	WCDMA1700	25.59	-1.40	24.19	0.262	30.00	-5.81

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

FCC ID: BCGA3361	 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	-2.50	1 / 0	25.59	23.09	0.204	30.00	-6.91
		1745.0	-2.50	1 / 0	25.41	22.91	0.196	30.00	-7.09
		1779.3	-2.50	1 / 0	25.39	22.89	0.195	30.00	-7.11
	16-QAM	1779.3	-2.50	1 / 0	24.88	22.38	0.173	30.00	-7.62
	64-QAM	1710.7	-2.50	1 / 0	23.80	21.30	0.135	30.00	-8.70
	256-QAM	1710.7	-2.50	6 / 0	21.00	18.50	0.071	30.00	-11.50
3 MHz	QPSK	1711.5	-2.50	1 / 0	25.51	23.01	0.200	30.00	-6.99
		1745.0	-2.50	1 / 0	25.52	23.02	0.200	30.00	-6.98
		1778.5	-2.50	1 / 0	25.34	22.84	0.192	30.00	-7.16
	16-QAM	1745.0	-2.50	1 / 0	24.94	22.44	0.176	30.00	-7.56
	64-QAM	1711.5	-2.50	1 / 0	23.78	21.28	0.134	30.00	-8.72
	256-QAM	1711.5	-2.50	15 / 0	20.98	18.48	0.071	30.00	-11.52
5 MHz	QPSK	1712.5	-2.50	1 / 24	25.67	23.17	0.208	30.00	-6.83
		1745.0	-2.50	1 / 12	25.69	23.19	0.208	30.00	-6.81
		1777.5	-2.50	1 / 0	25.35	22.85	0.193	30.00	-7.15
	16-QAM	1712.5	-2.50	1 / 12	25.14	22.64	0.184	30.00	-7.36
	64-QAM	1745.0	-2.50	1 / 0	23.82	21.32	0.136	30.00	-8.68
	256-QAM	1745.0	-2.50	25 / 0	21.05	18.55	0.072	30.00	-11.45
10 MHz	QPSK	1715.0	-2.50	1 / 49	25.59	23.09	0.204	30.00	-6.91
		1745.0	-2.50	1 / 25	25.52	23.02	0.201	30.00	-6.98
		1775.0	-2.50	1 / 0	25.50	23.00	0.200	30.00	-7.00
	16-QAM	1775.0	-2.50	1 / 25	24.96	22.46	0.176	30.00	-7.54
	64-QAM	1715.0	-2.50	1 / 49	23.93	21.43	0.139	30.00	-8.57
	256-QAM	1715.0	-2.50	50 / 0	21.09	18.59	0.072	30.00	-11.41
15 MHz	QPSK	1717.5	-2.50	1 / 74	25.68	23.18	0.208	30.00	-6.82
		1745.0	-2.50	1 / 0	25.54	23.04	0.202	30.00	-6.96
		1772.5	-2.50	1 / 0	25.43	22.93	0.196	30.00	-7.07
	16-QAM	1772.5	-2.50	1 / 0	25.01	22.51	0.178	30.00	-7.49
	64-QAM	1717.5	-2.50	1 / 74	23.81	21.31	0.135	30.00	-8.69
	256-QAM	1717.5	-2.50	75 / 0	21.04	18.54	0.071	30.00	-11.46
20 MHz	QPSK	1720.0	-2.50	1 / 0	25.58	23.08	0.203	30.00	-6.92
		1745.0	-2.50	1 / 0	25.29	22.79	0.190	30.00	-7.21
		1770.0	-2.50	1 / 0	25.66	23.16	0.207	30.00	-6.84
	16-QAM	1770.0	-2.50	1 / 0	24.98	22.48	0.177	30.00	-7.52
	64-QAM	1745.0	-2.50	1 / 50	23.71	21.21	0.132	30.00	-8.79
	256-QAM	1720.0	-2.50	100 / 0	21.05	18.55	0.072	30.00	-11.45

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

FCC ID: BCGA3361	 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	-2.50	1 / 0	25.39	22.89	0.194	30.00	-7.11
		1732.5	-2.50	1 / 0	25.56	23.06	0.202	30.00	-6.94
		1754.3	-2.50	1 / 0	25.27	22.77	0.189	30.00	-7.23
	16-QAM	1710.7	-2.50	1 / 0	24.76	22.26	0.168	30.00	-7.74
	64-QAM	1732.5	-2.50	1 / 0	23.75	21.25	0.133	30.00	-8.75
	256-QAM	1732.5	-2.50	6 / 0	20.88	18.38	0.069	30.00	-11.62
3 MHz	QPSK	1711.5	-2.50	1 / 0	25.36	22.86	0.193	30.00	-7.14
		1732.5	-2.50	1 / 0	25.47	22.97	0.198	30.00	-7.03
		1753.5	-2.50	1 / 0	25.21	22.71	0.187	30.00	-7.29
	16-QAM	1732.5	-2.50	1 / 0	24.81	22.31	0.170	30.00	-7.69
	64-QAM	1732.5	-2.50	1 / 0	23.73	21.23	0.133	30.00	-8.77
	256-QAM	1732.5	-2.50	15 / 0	20.83	18.33	0.068	30.00	-11.67
5 MHz	QPSK	1712.5	-2.50	1 / 24	25.49	22.99	0.199	30.00	-7.01
		1732.5	-2.50	1 / 24	25.67	23.17	0.207	30.00	-6.83
		1752.5	-2.50	1 / 12	25.22	22.72	0.187	30.00	-7.28
	16-QAM	1732.5	-2.50	1 / 24	25.02	22.52	0.179	30.00	-7.48
	64-QAM	1712.5	-2.50	1 / 12	23.66	21.16	0.131	30.00	-8.84
	256-QAM	1732.5	-2.50	25 / 0	20.93	18.43	0.070	30.00	-11.57
10 MHz	QPSK	1715.0	-2.50	1 / 49	25.44	22.94	0.197	30.00	-7.06
		1732.5	-2.50	1 / 0	25.48	22.98	0.199	30.00	-7.02
		1750.0	-2.50	1 / 25	25.25	22.75	0.188	30.00	-7.25
	16-QAM	1732.5	-2.50	1 / 25	24.89	22.39	0.173	30.00	-7.61
	64-QAM	1732.5	-2.50	1 / 25	23.87	21.37	0.137	30.00	-8.63
	256-QAM	1732.5	-2.50	50 / 0	20.95	18.45	0.070	30.00	-11.55
15 MHz	QPSK	1717.5	-2.50	1 / 0	25.48	22.98	0.199	30.00	-7.02
		1732.5	-2.50	1 / 0	25.40	22.90	0.195	30.00	-7.10
		1747.5	-2.50	1 / 0	25.26	22.76	0.189	30.00	-7.24
	16-QAM	1732.5	-2.50	1 / 0	24.90	22.40	0.174	30.00	-7.60
	64-QAM	1732.5	-2.50	1 / 0	23.67	21.17	0.131	30.00	-8.83
	256-QAM	1732.5	-2.50	75 / 0	20.88	18.38	0.069	30.00	-11.62
20 MHz	QPSK	1720.0	-2.50	1 / 0	25.41	22.91	0.195	30.00	-7.09
		1732.5	-2.50	1 / 0	25.21	22.71	0.187	30.00	-7.29
		1745.0	-2.50	1 / 0	25.40	22.90	0.195	30.00	-7.10
	16-QAM	1745.0	-2.50	1 / 0	24.82	22.32	0.171	30.00	-7.68
	64-QAM	1720.0	-2.50	1 / 0	23.74	21.24	0.133	30.00	-8.76
	256-QAM	1732.5	-2.50	100 / 0	20.88	18.38	0.069	30.00	-11.62

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

FCC ID: BCGA3361	 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	-2.10	1 / 0	24.65	20.40	0.110	34.77	-14.37
		680.5	-2.10	1 / 24	24.70	20.45	0.111	34.77	-14.32
		695.5	-2.10	1 / 12	24.34	20.09	0.102	34.77	-14.68
	16-QAM	665.5	-2.10	1 / 0	24.08	19.83	0.096	34.77	-14.94
	64-QAM	680.5	-2.10	1 / 0	22.75	18.50	0.071	34.77	-16.27
	256-QAM	680.5	-2.10	25 / 0	20.00	15.75	0.038	34.77	-19.02
10 MHz	QPSK	668.0	-2.10	1 / 25	24.41	20.16	0.104	34.77	-14.61
		680.5	-2.10	1 / 0	24.51	20.26	0.106	34.77	-14.51
		693.0	-2.10	1 / 0	24.42	20.17	0.104	34.77	-14.60
	16-QAM	693.0	-2.10	1 / 0	23.79	19.54	0.090	34.77	-15.23
	64-QAM	680.5	-2.10	1 / 0	22.85	18.60	0.072	34.77	-16.17
	256-QAM	680.5	-2.10	50 / 0	20.03	15.78	0.038	34.77	-18.99
15 MHz	QPSK	670.5	-2.10	1 / 0	24.51	20.26	0.106	34.77	-14.51
		680.5	-2.10	1 / 0	24.52	20.27	0.106	34.77	-14.50
		690.5	-2.10	1 / 0	24.33	20.08	0.102	34.77	-14.69
	16-QAM	680.5	-2.10	1 / 0	24.04	19.79	0.095	34.77	-14.98
	64-QAM	680.5	-2.10	1 / 0	22.82	18.57	0.072	34.77	-16.20
	256-QAM	670.5	-2.10	75 / 0	19.95	15.70	0.037	34.77	-19.07
20 MHz	QPSK	673.0	-2.10	1 / 0	24.44	20.19	0.104	34.77	-14.58
		680.5	-2.10	1 / 0	24.28	20.03	0.101	34.77	-14.74
		688.0	-2.10	1 / 0	24.43	20.18	0.104	34.77	-14.59
	16-QAM	688.0	-2.10	1 / 0	23.76	19.51	0.089	34.77	-15.26
	64-QAM	680.5	-2.10	1 / 0	22.70	18.45	0.070	34.77	-16.32
	256-QAM	680.5	-2.10	100 / 0	19.96	15.71	0.037	34.77	-19.06

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

FCC ID: BCGA3361	 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	-2.20	1 / 0	24.43	20.08	0.102	34.77	-14.69
		707.5	-2.20	1 / 0	24.64	20.29	0.107	34.77	-14.48
		715.3	-2.20	1 / 0	24.40	20.05	0.101	34.77	-14.72
	16-QAM	699.7	-2.20	1 / 0	23.78	19.43	0.088	34.77	-15.34
	64-QAM	707.5	-2.20	1 / 0	22.74	18.39	0.069	34.77	-16.38
	256-QAM	707.5	-2.20	6 / 0	19.81	15.46	0.035	34.77	-19.31
3 MHz	QPSK	700.5	-2.20	1 / 0	24.27	19.92	0.098	34.77	-14.85
		707.5	-2.20	1 / 0	24.41	20.06	0.101	34.77	-14.71
		714.5	-2.20	1 / 0	24.36	20.01	0.100	34.77	-14.76
	16-QAM	707.5	-2.20	1 / 0	23.84	19.49	0.089	34.77	-15.28
	64-QAM	707.5	-2.20	1 / 0	22.71	18.36	0.069	34.77	-16.41
	256-QAM	714.5	-2.20	15 / 0	19.79	15.44	0.035	34.77	-19.33
5 MHz	QPSK	701.5	-2.20	1 / 0	24.42	20.07	0.102	34.77	-14.70
		707.5	-2.20	1 / 12	24.68	20.33	0.108	34.77	-14.44
		713.5	-2.20	1 / 0	24.29	19.94	0.099	34.77	-14.83
	16-QAM	707.5	-2.20	1 / 12	23.94	19.59	0.091	34.77	-15.18
	64-QAM	707.5	-2.20	1 / 0	22.70	18.35	0.068	34.77	-16.42
	256-QAM	713.5	-2.20	25 / 0	19.92	15.57	0.036	34.77	-19.20
10 MHz	QPSK	704.0	-2.20	1 / 49	24.39	20.04	0.101	34.77	-14.73
		707.5	-2.20	1 / 0	24.46	20.11	0.103	34.77	-14.66
		711.0	-2.20	1 / 0	24.43	20.08	0.102	34.77	-14.69
	16-QAM	711.0	-2.20	1 / 25	23.89	19.54	0.090	34.77	-15.23
	64-QAM	707.5	-2.20	1 / 49	22.74	18.39	0.069	34.77	-16.38
	256-QAM	707.5	-2.20	50 / 0	19.97	15.62	0.037	34.77	-19.15

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

FCC ID: BCGA3361	 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	-2.20	1 / 0	24.67	20.32	0.108	34.77	-14.46
		710.0	-2.20	1 / 12	24.69	20.34	0.108	34.77	-14.44
		713.5	-2.20	1 / 0	24.39	20.04	0.101	34.77	-14.74
	16-QAM	706.5	-2.20	1 / 0	23.99	19.64	0.092	34.77	-15.14
	64-QAM	706.5	-2.20	1 / 0	22.81	18.46	0.070	34.77	-16.32
	256-QAM	713.5	-2.20	25 / 0	19.98	15.63	0.037	34.77	-19.15
10 MHz	QPSK	709.0	-2.20	1 / 49	24.51	20.16	0.104	34.77	-14.62
		710.0	-2.20	1 / 49	24.52	20.17	0.104	34.77	-14.61
		711.0	-2.20	1 / 25	24.54	20.19	0.104	34.77	-14.59
	16-QAM	711.0	-2.20	1 / 0	23.88	19.53	0.090	34.77	-15.25
	64-QAM	711.0	-2.20	1 / 25	22.96	18.61	0.073	34.77	-16.17
	256-QAM	711.0	-2.20	50 / 0	20.03	15.68	0.037	34.77	-19.10

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 288 of 359

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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	-3.10	1 / 12	24.65	19.40	0.087	34.77	-15.37
		782.0	-3.10	1 / 12	24.69	19.44	0.088	34.77	-15.33
		784.5	-3.10	1 / 0	24.32	19.07	0.081	34.77	-15.70
	16-QAM	779.5	-3.10	1 / 12	24.05	18.80	0.076	34.77	-15.97
	64-QAM	779.5	-3.10	1 / 0	22.77	17.52	0.056	34.77	-17.25
10 MHz	256-QAM	779.5	-3.10	25 / 0	20.04	14.79	0.030	34.77	-19.98
	QPSK	782.0	-3.10	1 / 25	24.51	19.26	0.084	34.77	-15.51
		782.0	-3.10	1 / 25	23.83	18.58	0.072	34.77	-16.19
		782.0	-3.10	1 / 49	22.75	17.50	0.056	34.77	-17.27
	256-QAM	782.0	-3.10	50 / 0	20.02	14.77	0.030	34.77	-20.00

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	1712.5	-2.50	25 / 0	25.54	23.04	0.201	30.00	-6.96
		1745.0	-2.50	25 / 0	25.50	23.00	0.199	30.00	-7.00
		1777.5	-2.50	25 / 0	25.49	22.99	0.199	30.00	-7.01
	QPSK	1712.5	-2.50	1 / 24	25.52	23.02	0.200	30.00	-6.98
		1745.0	-2.50	1 / 1	25.48	22.98	0.199	30.00	-7.02
		1777.5	-2.50	1 / 1	25.43	22.93	0.196	30.00	-7.07
	16-QAM	1712.5	-2.50	1 / 12	24.34	21.84	0.153	30.00	-8.16
	64-QAM	1712.5	-2.50	25 / 0	23.62	21.12	0.130	30.00	-8.88
	256-QAM	1745.0	-2.50	25 / 0	21.63	19.13	0.082	30.00	-10.87
10 MHz	π/2 BPSK	1715.0	-2.50	50 / 0	25.62	23.12	0.205	30.00	-6.88
		1745.0	-2.50	1 / 50	25.58	23.08	0.203	30.00	-6.92
		1775.0	-2.50	50 / 0	25.52	23.02	0.200	30.00	-6.98
	QPSK	1715.0	-2.50	1 / 1	25.56	23.06	0.202	30.00	-6.94
		1745.0	-2.50	1 / 50	25.57	23.07	0.203	30.00	-6.93
		1775.0	-2.50	1 / 1	25.45	22.95	0.197	30.00	-7.05
	16-QAM	1745.0	-2.50	1 / 1	24.37	21.87	0.154	30.00	-8.13
	64-QAM	1715.0	-2.50	50 / 0	23.51	21.01	0.126	30.00	-8.99
	256-QAM	1715.0	-2.50	50 / 0	21.61	19.11	0.081	30.00	-10.89
15 MHz	π/2 BPSK	1717.5	-2.50	75 / 0	25.42	22.92	0.196	30.00	-7.08
		1745.0	-2.50	1 / 77	25.51	23.01	0.200	30.00	-6.99
		1772.5	-2.50	75 / 0	25.40	22.90	0.195	30.00	-7.10
	QPSK	1717.5	-2.50	1 / 77	25.53	23.03	0.201	30.00	-6.97
		1745.0	-2.50	1 / 1	25.49	22.99	0.199	30.00	-7.01
		1772.5	-2.50	1 / 36	25.54	23.04	0.202	30.00	-6.96
	16-QAM	1717.5	-2.50	1 / 1	24.32	21.82	0.152	30.00	-8.18
	64-QAM	1772.5	-2.50	75 / 0	23.49	20.99	0.125	30.00	-9.01
	256-QAM	1745.0	-2.50	75 / 0	21.43	18.93	0.078	30.00	-11.07
20 MHz	π/2 BPSK	1720.0	-2.50	100 / 0	25.49	22.99	0.199	30.00	-7.01
		1745.0	-2.50	1 / 1	25.47	22.97	0.198	30.00	-7.03
		1770.0	-2.50	100 / 0	25.47	22.97	0.198	30.00	-7.03
	QPSK	1720.0	-2.50	1 / 104	25.55	23.05	0.202	30.00	-6.95
		1745.0	-2.50	1 / 1	25.52	23.02	0.200	30.00	-6.98
		1770.0	-2.50	1 / 1	25.37	22.87	0.194	30.00	-7.13
	16-QAM	1720.0	-2.50	1 / 104	24.38	21.88	0.154	30.00	-8.12
	64-QAM	1720.0	-2.50	100 / 0	23.64	21.14	0.130	30.00	-8.86
	256-QAM	1720.0	-2.50	100 / 0	21.58	19.08	0.081	30.00	-10.92
25 MHz	π/2 BPSK	1722.5	-2.50	128 / 0	25.51	23.01	0.200	30.00	-6.99
		1745.0	-2.50	128 / 0	25.47	22.97	0.198	30.00	-7.03
		1767.5	-2.50	128 / 0	25.50	23.00	0.199	30.00	-7.00
	QPSK	1722.5	-2.50	1 / 64	25.39	22.89	0.195	30.00	-7.11
		1745.0	-2.50	1 / 64	25.33	22.83	0.192	30.00	-7.17
		1767.5	-2.50	1 / 64	25.41	22.91	0.195	30.00	-7.09
	16-QAM	1722.5	-2.50	1 / 131	24.28	21.78	0.151	30.00	-8.22
	64-QAM	1722.5	-2.50	128 / 0	23.56	21.06	0.128	30.00	-8.94
	256-QAM	1722.5	-2.50	128 / 0	21.53	19.03	0.080	30.00	-10.97
30 MHz	π/2 BPSK	1725.0	-2.50	1 / 158	25.54	23.04	0.201	30.00	-6.96
		1745.0	-2.50	1 / 1	25.49	22.99	0.199	30.00	-7.01
		1765.0	-2.50	160 / 0	25.49	22.99	0.199	30.00	-7.01
	QPSK	1725.0	-2.50	1 / 1	25.69	23.19	0.209	30.00	-6.81
		1745.0	-2.50	1 / 1	25.63	23.13	0.205	30.00	-6.87
		1765.0	-2.50	1 / 158	25.52	23.02	0.200	30.00	-6.98
	16-QAM	1725.0	-2.50	1 / 80	24.41	21.91	0.155	30.00	-8.09
	64-QAM	1725.0	-2.50	160 / 0	23.64	21.14	0.130	30.00	-8.86
	256-QAM	1725.0	-2.50	160 / 0	21.63	19.13	0.082	30.00	-10.87
35 MHz	π/2 BPSK	1727.5	-2.50	180 / 0	25.61	23.11	0.205	30.00	-6.89
		1745.0	-2.50	180 / 0	25.44	22.94	0.197	30.00	-7.06
		1762.5	-2.50	180 / 0	25.49	22.99	0.199	30.00	-7.01
	QPSK	1725.0	-2.50	1 / 90	25.52	23.02	0.200	30.00	-6.98
		1745.0	-2.50	1 / 1	25.52	23.02	0.201	30.00	-6.98
		1765.0	-2.50	1 / 90	25.52	23.02	0.201	30.00	-6.98
	16-QAM	1745.0	-2.50	1 / 1	24.33	21.83	0.153	30.00	-8.17
	64-QAM	1725.0	-2.50	180 / 0	23.51	21.01	0.126	30.00	-8.99
	256-QAM	1725.0	-2.50	180 / 0	21.52	19.02	0.080	30.00	-10.98
40 MHz	π/2 BPSK	1730.0	-2.50	216 / 0	25.49	22.99	0.199	30.00	-7.01
		1745.0	-2.50	216 / 0	25.44	22.94	0.197	30.00	-7.06
		1760.0	-2.50	216 / 0	25.46	22.96	0.198	30.00	-7.04
	QPSK	1730.0	-2.50	1 / 214	25.66	23.16	0.207	30.00	-6.84
		1745.0	-2.50	1 / 1	25.48	22.98	0.199	30.00	-7.02
		1760.0	-2.50	1 / 214	25.53	23.03	0.201	30.00	-6.97
	16-QAM	1745.0	-2.50	1 / 1	24.40	21.90	0.155	30.00	-8.10
	64-QAM	1730.0	-2.50	216 / 0	23.53	21.03	0.127	30.00	-8.97
	256-QAM	1730.0	-2.50	216 / 0	21.58	19.08	0.081	30.00	-10.92
45 MHz	π/2 BPSK	1732.5	-2.50	1 / 120	25.52	23.02	0.200	30.00	-6.98
		1745.0	-2.50	240 / 0	25.49	22.99	0.199	30.00	-7.01
		1757.5	-2.50	240 / 0	25.53	23.03	0.201	30.00	-6.97
	QPSK	1732.5	-2.50	1 / 1	25.56	23.06	0.202	30.00	-6.94
		1745.0	-2.50	1 / 120	25.63	23.13	0.206	30.00	-6.87
		1757.5	-2.50	1 / 240	25.41	22.91	0.195	30.00	-7.09
	16-QAM	1732.5	-2.50	1 / 120	24.39	21.89	0.155	30.00	-8.11
	64-QAM	1732.5	-2.50	240 / 0	23.51	21.01	0.126	30.00	-8.99
	256-QAM	1732.5	-2.50	240 / 0	21.53	19.03	0.080	30.00	-10.97

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 290 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	-4.40	25 / 0	25.62	21.22	0.132	30.00	-8.78
		1702.5	-4.40	25 / 0	25.60	21.20	0.132	30.00	-8.80
		1707.5	-4.40	25 / 0	25.54	21.14	0.130	30.00	-8.86
	QPSK	1697.5	-4.40	1 / 12	25.60	21.20	0.132	30.00	-8.80
		1702.5	-4.40	1 / 12	25.58	21.18	0.131	30.00	-8.82
		1707.5	-4.40	1 / 24	25.66	21.26	0.134	30.00	-8.74
	16-QAM	1697.5	-4.40	1 / 12	24.42	20.02	0.100	30.00	-9.98
	64-QAM	1697.5	-4.40	25 / 0	23.70	19.30	0.085	30.00	-10.70
	256-QAM	1697.5	-4.40	25 / 0	21.72	17.32	0.054	30.00	-12.68
10 MHz	$\pi/2$ BPSK	1700.0	-4.40	50 / 0	25.69	21.29	0.135	30.00	-8.71
		1702.5	-4.40	50 / 0	25.68	21.28	0.134	30.00	-8.72
		1705.0	-4.40	50 / 0	25.68	21.28	0.134	30.00	-8.72
	QPSK	1700.0	-4.40	1 / 25	25.65	21.25	0.133	30.00	-8.75
		1702.5	-4.40	1 / 1	25.62	21.22	0.132	30.00	-8.78
		1705.0	-4.40	1 / 50	25.59	21.19	0.131	30.00	-8.81
	16-QAM	1705.0	-4.40	1 / 50	24.46	20.06	0.101	30.00	-9.94
	64-QAM	1700.0	-4.40	50 / 0	23.71	19.31	0.085	30.00	-10.69
15 MHz	256-QAM	1700.0	-4.40	50 / 0	21.76	17.36	0.054	30.00	-12.64
	$\pi/2$ BPSK	1702.5	-4.40	75 / 0	25.63	21.23	0.133	30.00	-8.77
	QPSK	1702.5	-4.40	1 / 1	25.63	21.23	0.133	30.00	-8.77
	16-QAM	1702.5	-4.40	1 / 36	24.43	20.03	0.101	30.00	-9.97
	64-QAM	1702.5	-4.40	75 / 0	23.69	19.29	0.085	30.00	-10.71
	256-QAM	1702.5	-4.40	75 / 0	21.67	17.27	0.053	30.00	-12.73

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 291 of 359

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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	-2.10	1 / 12	24.51	20.26	0.106	34.77	-14.51
		680.5	-2.10	25 / 0	24.42	20.17	0.104	34.77	-14.60
		695.5	-2.10	1 / 1	24.43	20.18	0.104	34.77	-14.59
	QPSK	665.5	-2.10	1 / 24	24.44	20.19	0.104	34.77	-14.59
		680.5	-2.10	1 / 24	24.31	20.06	0.101	34.77	-14.72
		695.5	-2.10	1 / 1	24.33	20.08	0.102	34.77	-14.69
	16-QAM	680.5	-2.10	1 / 24	23.22	18.97	0.079	34.77	-15.80
	64-QAM	665.5	-2.10	25 / 0	22.46	18.21	0.066	34.77	-16.56
	256-QAM	665.5	-2.10	25 / 0	20.40	16.15	0.041	34.77	-18.62
10 MHz	$\pi/2$ BPSK	668.0	-2.10	1 / 50	24.55	20.30	0.107	34.77	-14.47
		680.5	-2.10	50 / 0	24.50	20.25	0.106	34.77	-14.52
		693.0	-2.10	1 / 1	24.50	20.25	0.106	34.77	-14.52
	QPSK	668.0	-2.10	1 / 25	24.51	20.26	0.106	34.77	-14.51
		680.5	-2.10	1 / 25	24.59	20.34	0.108	34.77	-14.43
		693.0	-2.10	1 / 1	24.70	20.45	0.111	34.77	-14.32
	16-QAM	693.0	-2.10	1 / 1	23.35	19.10	0.081	34.77	-15.67
	64-QAM	680.5	-2.10	50 / 0	22.48	18.23	0.067	34.77	-16.54
	256-QAM	668.0	-2.10	50 / 0	20.58	16.33	0.043	34.77	-18.44
15 MHz	$\pi/2$ BPSK	670.5	-2.10	75 / 0	24.37	20.12	0.103	34.77	-14.65
		680.5	-2.10	1 / 77	24.32	20.07	0.102	34.77	-14.70
		690.5	-2.10	75 / 0	24.34	20.09	0.102	34.77	-14.68
	QPSK	670.5	-2.10	1 / 1	24.33	20.08	0.102	34.77	-14.69
		680.5	-2.10	1 / 77	24.39	20.14	0.103	34.77	-14.63
		690.5	-2.10	1 / 1	24.34	20.09	0.102	34.77	-14.68
	16-QAM	680.5	-2.10	1 / 77	23.24	18.99	0.079	34.77	-15.79
	64-QAM	680.5	-2.10	75 / 0	22.43	18.18	0.066	34.77	-16.59
	256-QAM	690.5	-2.10	75 / 0	20.49	16.24	0.042	34.77	-18.54
20 MHz	$\pi/2$ BPSK	673.0	-2.10	100 / 0	24.54	20.29	0.107	34.77	-14.48
		680.5	-2.10	100 / 0	24.38	20.13	0.103	34.77	-14.64
		688.0	-2.10	100 / 0	24.49	20.24	0.106	34.77	-14.53
	QPSK	673.0	-2.10	1 / 104	24.42	20.17	0.104	34.77	-14.60
		680.5	-2.10	1 / 1	24.36	20.11	0.103	34.77	-14.66
		688.0	-2.10	1 / 50	24.37	20.12	0.103	34.77	-14.65
	16-QAM	680.5	-2.10	1 / 1	23.22	18.97	0.079	34.77	-15.80
	64-QAM	688.0	-2.10	100 / 0	22.43	18.18	0.066	34.77	-16.59
	256-QAM	673.0	-2.10	100 / 0	20.40	16.15	0.041	34.77	-18.62

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

FCC ID: BCGA3361	 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	-2.20	25 / 0	24.36	20.01	0.100	34.77	-14.76
		707.5	-2.20	25 / 0	24.42	20.07	0.102	34.77	-14.70
		713.5	-2.20	25 / 0	24.40	20.05	0.101	34.77	-14.72
	QPSK	701.5	-2.20	1 / 1	24.38	20.03	0.101	34.77	-14.74
		707.5	-2.20	1 / 12	24.70	20.35	0.108	34.77	-14.42
		713.5	-2.20	1 / 12	24.44	20.09	0.102	34.77	-14.68
	16-QAM	707.5	-2.20	1 / 12	23.21	18.86	0.077	34.77	-15.91
	64-QAM	707.5	-2.20	25 / 0	22.48	18.13	0.065	34.77	-16.64
	256-QAM	707.5	-2.20	25 / 0	20.49	16.14	0.041	34.77	-18.63
10 MHz	$\pi/2$ BPSK	704.0	-2.20	50 / 0	24.59	20.24	0.106	34.77	-14.54
		707.5	-2.20	50 / 0	24.59	20.24	0.106	34.77	-14.53
		711.0	-2.20	50 / 0	24.62	20.27	0.106	34.77	-14.50
	QPSK	704.0	-2.20	1 / 25	24.50	20.15	0.103	34.77	-14.63
		707.5	-2.20	1 / 25	24.58	20.23	0.106	34.77	-14.54
		711.0	-2.20	1 / 1	24.53	20.18	0.104	34.77	-14.59
	16-QAM	707.5	-2.20	1 / 25	23.44	19.09	0.081	34.77	-15.68
	64-QAM	707.5	-2.20	50 / 0	22.46	18.11	0.065	34.77	-16.67
	256-QAM	707.5	-2.20	50 / 0	20.50	16.15	0.041	34.77	-18.63
15 MHz	$\pi/2$ BPSK	706.5	-2.20	75 / 0	24.29	19.94	0.099	34.77	-14.83
		707.5	-2.20	1 / 77	24.35	20.00	0.100	34.77	-14.77
		708.5	-2.20	1 / 1	24.28	19.93	0.098	34.77	-14.84
	QPSK	706.5	-2.20	1 / 1	24.32	19.97	0.099	34.77	-14.80
		707.5	-2.20	1 / 77	24.38	20.03	0.101	34.77	-14.75
		708.5	-2.20	1 / 1	24.39	20.04	0.101	34.77	-14.73
	16-QAM	707.5	-2.20	1 / 77	23.29	18.94	0.078	34.77	-15.83
	64-QAM	706.5	-2.20	75 / 0	22.48	18.13	0.065	34.77	-16.65
	256-QAM	706.5	-2.20	75 / 0	20.35	16.00	0.040	34.77	-18.77

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

FCC ID: BCGA3361	 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	25.59	-2.50	23.09	0.204	30.00	-6.91
1732.60	WCDMA1700	25.52	-2.50	23.02	0.200	30.00	-6.98
1752.60	WCDMA1700	25.66	-2.50	23.16	0.207	30.00	-6.84

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

FCC ID: BCGA3361	 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	-0.70	1 / 0	25.24	24.54	0.285	30.00	-5.46
		1745.0	-0.70	1 / 0	25.44	24.74	0.298	30.00	-5.26
		1779.3	-0.70	1 / 0	25.38	24.68	0.294	30.00	-5.32
	16-QAM	1745.0	-0.70	1 / 5	24.73	24.03	0.253	30.00	-5.97
	64-QAM	1745.0	-0.70	1 / 0	23.71	23.01	0.200	30.00	-6.99
	256-QAM	1745.0	-0.70	6 / 0	20.86	20.16	0.104	30.00	-9.84
3 MHz	QPSK	1711.5	-0.70	1 / 0	25.28	24.58	0.287	30.00	-5.42
		1745.0	-0.70	1 / 0	25.45	24.75	0.299	30.00	-5.25
		1778.5	-0.70	1 / 0	25.41	24.71	0.296	30.00	-5.29
	16-QAM	1745.0	-0.70	1 / 0	25.01	24.31	0.270	30.00	-5.69
	64-QAM	1745.0	-0.70	1 / 0	23.76	23.06	0.202	30.00	-6.94
	256-QAM	1745.0	-0.70	15 / 0	20.90	20.20	0.105	30.00	-9.80
5 MHz	QPSK	1712.5	-0.70	1 / 12	25.38	24.68	0.294	30.00	-5.32
		1745.0	-0.70	1 / 24	25.67	24.97	0.314	30.00	-5.03
		1777.5	-0.70	1 / 12	25.36	24.66	0.293	30.00	-5.34
	16-QAM	1745.0	-0.70	1 / 0	25.02	24.32	0.271	30.00	-5.68
	64-QAM	1745.0	-0.70	1 / 0	23.89	23.19	0.209	30.00	-6.81
	256-QAM	1745.0	-0.70	25 / 0	21.01	20.31	0.107	30.00	-9.69
10 MHz	QPSK	1715.0	-0.70	1 / 49	25.26	24.56	0.286	30.00	-5.44
		1745.0	-0.70	1 / 49	25.49	24.79	0.302	30.00	-5.21
		1775.0	-0.70	1 / 0	25.44	24.74	0.298	30.00	-5.26
	16-QAM	1745.0	-0.70	1 / 0	24.95	24.25	0.266	30.00	-5.75
	64-QAM	1775.0	-0.70	1 / 49	23.86	23.16	0.207	30.00	-6.84
	256-QAM	1745.0	-0.70	50 / 0	21.02	20.32	0.108	30.00	-9.68
15 MHz	QPSK	1717.5	-0.70	1 / 0	25.35	24.65	0.292	30.00	-5.35
		1745.0	-0.70	1 / 0	25.46	24.76	0.299	30.00	-5.24
		1772.5	-0.70	1 / 0	25.38	24.68	0.294	30.00	-5.32
	16-QAM	1745.0	-0.70	1 / 0	24.98	24.28	0.268	30.00	-5.72
	64-QAM	1745.0	-0.70	1 / 0	23.68	22.98	0.199	30.00	-7.02
	256-QAM	1772.5	-0.70	75 / 0	20.90	20.20	0.105	30.00	-9.80
20 MHz	QPSK	1720.0	-0.70	1 / 0	25.40	24.70	0.295	30.00	-5.30
		1745.0	-0.70	1 / 0	25.17	24.47	0.280	30.00	-5.53
		1770.0	-0.70	1 / 0	25.11	24.41	0.276	30.00	-5.59
	16-QAM	1745.0	-0.70	1 / 0	24.74	24.04	0.254	30.00	-5.96
	64-QAM	1745.0	-0.70	1 / 0	23.49	22.79	0.190	30.00	-7.21
	256-QAM	1720.0	-0.70	100 / 0	20.76	20.06	0.101	30.00	-9.94

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

FCC ID: BCGA3361	 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	-0.70	1 / 0	25.36	24.66	0.292	30.00	-5.34
		1732.5	-0.70	1 / 0	25.45	24.75	0.298	30.00	-5.25
		1754.3	-0.70	1 / 0	25.68	24.98	0.314	30.00	-5.02
	16-QAM	1710.7	-0.70	1 / 0	24.83	24.13	0.259	30.00	-5.87
	64-QAM	1754.3	-0.70	1 / 0	23.77	23.07	0.203	30.00	-6.93
	256-QAM	1754.3	-0.70	6 / 0	20.96	20.26	0.106	30.00	-9.74
3 MHz	QPSK	1711.5	-0.70	1 / 0	25.35	24.65	0.291	30.00	-5.35
		1732.5	-0.70	1 / 0	25.52	24.82	0.303	30.00	-5.18
		1753.5	-0.70	1 / 0	25.45	24.75	0.298	30.00	-5.25
	16-QAM	1732.5	-0.70	1 / 0	24.90	24.20	0.263	30.00	-5.80
	64-QAM	1753.5	-0.70	1 / 0	23.68	22.98	0.198	30.00	-7.02
	256-QAM	1732.5	-0.70	15 / 0	21.00	20.30	0.107	30.00	-9.70
5 MHz	QPSK	1712.5	-0.70	1 / 12	25.46	24.76	0.299	30.00	-5.24
		1732.5	-0.70	1 / 12	25.63	24.93	0.311	30.00	-5.07
		1752.5	-0.70	1 / 12	25.48	24.78	0.300	30.00	-5.22
	16-QAM	1732.5	-0.70	1 / 24	24.94	24.24	0.265	30.00	-5.76
	64-QAM	1712.5	-0.70	1 / 24	23.78	23.08	0.203	30.00	-6.92
	256-QAM	1752.5	-0.70	25 / 0	21.04	20.34	0.108	30.00	-9.66
10 MHz	QPSK	1715.0	-0.70	1 / 49	25.37	24.67	0.293	30.00	-5.33
		1732.5	-0.70	1 / 49	25.42	24.72	0.296	30.00	-5.28
		1750.0	-0.70	1 / 49	25.38	24.68	0.293	30.00	-5.32
	16-QAM	1732.5	-0.70	1 / 0	24.91	24.21	0.263	30.00	-5.79
	64-QAM	1715.0	-0.70	1 / 49	23.78	23.08	0.203	30.00	-6.92
	256-QAM	1732.5	-0.70	50 / 0	21.06	20.36	0.109	30.00	-9.64
15 MHz	QPSK	1717.5	-0.70	1 / 0	25.56	24.86	0.306	30.00	-5.14
		1732.5	-0.70	1 / 0	25.46	24.76	0.299	30.00	-5.24
		1747.5	-0.70	1 / 0	25.36	24.66	0.292	30.00	-5.34
	16-QAM	1747.5	-0.70	1 / 0	24.82	24.12	0.258	30.00	-5.88
	64-QAM	1732.5	-0.70	1 / 0	23.78	23.08	0.203	30.00	-6.92
	256-QAM	1732.5	-0.70	75 / 0	20.98	20.28	0.107	30.00	-9.72
20 MHz	QPSK	1720.0	-0.70	1 / 0	25.44	24.74	0.298	30.00	-5.26
		1732.5	-0.70	1 / 0	25.28	24.58	0.287	30.00	-5.42
		1745.0	-0.70	1 / 0	25.51	24.81	0.302	30.00	-5.19
	16-QAM	1720.0	-0.70	1 / 0	24.79	24.09	0.256	30.00	-5.91
	64-QAM	1732.5	-0.70	1 / 0	23.64	22.94	0.197	30.00	-7.06
	256-QAM	1732.5	-0.70	100 / 0	20.97	20.27	0.106	30.00	-9.73

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

FCC ID: BCGA3361	 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	-1.10	1 / 0	25.58	22.33	0.171	34.77	-12.44
		680.5	-1.10	1 / 0	25.69	22.44	0.175	34.77	-12.33
		695.5	-1.10	1 / 12	25.27	22.02	0.159	34.77	-12.75
	16-QAM	665.5	-1.10	1 / 24	24.97	21.72	0.149	34.77	-13.05
	64-QAM	680.5	-1.10	1 / 12	23.79	20.54	0.113	34.77	-14.23
	256-QAM	665.5	-1.10	25 / 0	20.94	17.69	0.059	34.77	-17.08
10 MHz	QPSK	668.0	-1.10	1 / 0	25.39	22.14	0.164	34.77	-12.63
		680.5	-1.10	1 / 0	25.52	22.27	0.169	34.77	-12.50
		693.0	-1.10	1 / 49	25.40	22.15	0.164	34.77	-12.62
	16-QAM	693.0	-1.10	1 / 49	24.78	21.53	0.142	34.77	-13.24
	64-QAM	680.5	-1.10	1 / 49	23.75	20.50	0.112	34.77	-14.27
	256-QAM	668.0	-1.10	50 / 0	21.01	17.76	0.060	34.77	-17.01
15 MHz	QPSK	670.5	-1.10	1 / 0	25.52	22.27	0.169	34.77	-12.50
		680.5	-1.10	1 / 0	25.48	22.23	0.167	34.77	-12.54
		690.5	-1.10	1 / 0	25.38	22.13	0.163	34.77	-12.64
	16-QAM	680.5	-1.10	1 / 0	24.84	21.59	0.144	34.77	-13.18
	64-QAM	670.5	-1.10	1 / 0	23.73	20.48	0.112	34.77	-14.29
	256-QAM	670.5	-1.10	75 / 0	20.95	17.70	0.059	34.77	-17.07
20 MHz	QPSK	673.0	-1.10	1 / 0	25.46	22.21	0.166	34.77	-12.56
		680.5	-1.10	1 / 0	25.22	21.97	0.157	34.77	-12.80
		688.0	-1.10	1 / 0	25.42	22.17	0.165	34.77	-12.60
	16-QAM	688.0	-1.10	1 / 0	24.87	21.62	0.145	34.77	-13.15
	64-QAM	680.5	-1.10	1 / 0	23.64	20.39	0.109	34.77	-14.38
	256-QAM	673.0	-1.10	100 / 0	20.90	17.65	0.058	34.77	-17.12

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

FCC ID: BCGA3361	 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	-3.10	1 / 0	25.25	20.00	0.100	34.77	-14.77
		707.5	-3.10	1 / 0	25.53	20.28	0.107	34.77	-14.49
		715.3	-3.10	1 / 0	25.38	20.13	0.103	34.77	-14.64
	16-QAM	715.3	-3.10	1 / 0	24.80	19.55	0.090	34.77	-15.22
	64-QAM	715.3	-3.10	1 / 0	23.81	18.56	0.072	34.77	-16.21
	256-QAM	715.3	-3.10	6 / 0	20.95	15.70	0.037	34.77	-19.07
3 MHz	QPSK	700.5	-3.10	1 / 0	25.54	20.29	0.107	34.77	-14.48
		707.5	-3.10	1 / 0	25.36	20.11	0.103	34.77	-14.66
		714.5	-3.10	1 / 0	25.33	20.08	0.102	34.77	-14.69
	16-QAM	700.5	-3.10	1 / 0	24.70	19.45	0.088	34.77	-15.32
	64-QAM	714.5	-3.10	1 / 0	23.73	18.48	0.071	34.77	-16.29
	256-QAM	714.5	-3.10	15 / 0	20.92	15.67	0.037	34.77	-19.10
5 MHz	QPSK	701.5	-3.10	1 / 0	25.47	20.22	0.105	34.77	-14.55
		707.5	-3.10	1 / 12	25.47	20.22	0.105	34.77	-14.55
		713.5	-3.10	1 / 0	25.68	20.43	0.110	34.77	-14.34
	16-QAM	707.5	-3.10	1 / 24	24.88	19.63	0.092	34.77	-15.14
	64-QAM	701.5	-3.10	1 / 12	23.79	18.54	0.071	34.77	-16.23
	256-QAM	713.5	-3.10	25 / 0	20.96	15.71	0.037	34.77	-19.06
10 MHz	QPSK	704.0	-3.10	1 / 49	25.63	20.38	0.109	34.77	-14.39
		707.5	-3.10	1 / 0	25.39	20.14	0.103	34.77	-14.63
		711.0	-3.10	1 / 0	25.31	20.06	0.101	34.77	-14.71
	16-QAM	707.5	-3.10	1 / 25	24.88	19.63	0.092	34.77	-15.14
	64-QAM	704.0	-3.10	1 / 49	23.87	18.62	0.073	34.77	-16.15
	256-QAM	711.0	-3.10	50 / 0	21.09	15.84	0.038	34.77	-18.93

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

FCC ID: BCGA3361	 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	-3.10	1 / 24	25.53	20.28	0.107	34.77	-14.49
		710.0	-3.10	1 / 24	25.69	20.44	0.111	34.77	-14.33
		713.5	-3.10	1 / 0	25.37	20.12	0.103	34.77	-14.65
	16-QAM	706.5	-3.10	1 / 24	24.92	19.67	0.093	34.77	-15.10
	64-QAM	710.0	-3.10	1 / 24	23.71	18.46	0.070	34.77	-16.31
	256-QAM	713.5	-3.10	25 / 0	20.93	15.68	0.037	34.77	-19.09
10 MHz	QPSK	709.0	-3.10	1 / 0	25.44	20.19	0.104	34.77	-14.58
		710.0	-3.10	1 / 49	25.43	20.18	0.104	34.77	-14.59
		711.0	-3.10	1 / 0	25.45	20.20	0.105	34.77	-14.57
	16-QAM	709.0	-3.10	1 / 0	24.81	19.56	0.090	34.77	-15.21
	64-QAM	709.0	-3.10	1 / 49	23.74	18.49	0.071	34.77	-16.28
	256-QAM	711.0	-3.10	50 / 0	21.01	15.76	0.038	34.77	-19.01

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 299 of 359

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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	-1.70	1 / 12	25.69	21.84	0.153	34.77	-12.93
		782.0	-1.70	1 / 24	25.38	21.53	0.142	34.77	-13.24
		784.5	-1.70	1 / 24	25.60	21.75	0.150	34.77	-13.02
	16-QAM	779.5	-1.70	1 / 12	25.06	21.21	0.132	34.77	-13.56
	64-QAM	784.5	-1.70	1 / 12	23.75	19.90	0.098	34.77	-14.87
10 MHz	256-QAM	782.0	-1.70	25 / 0	21.01	17.16	0.052	34.77	-17.61
	QPSK	782.0	-1.70	1 / 25	25.51	21.66	0.147	34.77	-13.11
	16-QAM	782.0	-1.70	1 / 0	24.92	21.07	0.128	34.77	-13.70
	64-QAM	782.0	-1.70	1 / 49	23.85	20.00	0.100	34.77	-14.77
	256-QAM	782.0	-1.70	50 / 0	21.08	17.23	0.053	34.77	-17.54

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	1712.5	-0.70	25 / 0	25.51	24.81	0.303	30.00	-5.19
		1745.0	-0.70	25 / 0	25.59	24.89	0.309	30.00	-5.11
		1777.5	-0.70	1 / 12	25.68	24.98	0.315	30.00	-5.02
	QPSK	1712.5	-0.70	1 / 1	25.45	24.75	0.298	30.00	-5.25
		1745.0	-0.70	1 / 1	25.55	24.85	0.306	30.00	-5.15
		1777.5	-0.70	1 / 24	25.53	24.83	0.304	30.00	-5.17
	16-QAM	1777.5	-0.70	1 / 12	24.39	23.69	0.234	30.00	-6.31
	64-QAM	1745.0	-0.70	25 / 0	23.63	22.93	0.196	30.00	-7.07
	256-QAM	1745.0	-0.70	25 / 0	21.60	20.90	0.123	30.00	-9.10
10 MHz	π/2 BPSK	1715.0	-0.70	1 / 50	25.56	24.86	0.306	30.00	-5.14
		1745.0	-0.70	50 / 0	25.55	24.85	0.305	30.00	-5.15
		1775.0	-0.70	50 / 0	25.52	24.82	0.304	30.00	-5.18
	QPSK	1715.0	-0.70	1 / 50	25.68	24.98	0.315	30.00	-5.02
		1745.0	-0.70	1 / 50	25.53	24.83	0.304	30.00	-5.17
		1775.0	-0.70	1 / 1	25.53	24.83	0.304	30.00	-5.17
	16-QAM	1745.0	-0.70	1 / 25	24.34	23.64	0.231	30.00	-6.36
	64-QAM	1745.0	-0.70	50 / 0	23.59	22.89	0.194	30.00	-7.11
	256-QAM	1745.0	-0.70	50 / 0	21.71	21.01	0.126	30.00	-8.99
15 MHz	π/2 BPSK	1717.5	-0.70	1 / 1	25.53	24.83	0.304	30.00	-5.17
		1745.0	-0.70	1 / 1	25.56	24.86	0.306	30.00	-5.14
		1772.5	-0.70	75 / 0	25.51	24.81	0.302	30.00	-5.19
	QPSK	1717.5	-0.70	1 / 77	25.43	24.73	0.297	30.00	-5.27
		1745.0	-0.70	1 / 77	25.47	24.77	0.300	30.00	-5.23
		1772.5	-0.70	1 / 1	25.49	24.79	0.302	30.00	-5.21
	16-QAM	1772.5	-0.70	1 / 1	24.29	23.59	0.229	30.00	-6.41
	64-QAM	1745.0	-0.70	75 / 0	23.55	22.85	0.193	30.00	-7.15
	256-QAM	1745.0	-0.70	75 / 0	21.43	20.73	0.118	30.00	-9.27
20 MHz	π/2 BPSK	1720.0	-0.70	100 / 0	25.44	24.74	0.298	30.00	-5.26
		1745.0	-0.70	100 / 0	25.50	24.80	0.302	30.00	-5.20
		1770.0	-0.70	100 / 0	25.53	24.83	0.304	30.00	-5.17
	QPSK	1720.0	-0.70	1 / 104	25.46	24.76	0.299	30.00	-5.24
		1745.0	-0.70	1 / 104	25.51	24.81	0.303	30.00	-5.19
		1770.0	-0.70	1 / 1	25.45	24.75	0.298	30.00	-5.25
	16-QAM	1745.0	-0.70	1 / 104	24.37	23.67	0.233	30.00	-6.33
	64-QAM	1745.0	-0.70	100 / 0	23.67	22.97	0.198	30.00	-7.03
	256-QAM	1745.0	-0.70	100 / 0	21.57	20.87	0.122	30.00	-9.13
25 MHz	π/2 BPSK	1722.5	-0.70	128 / 0	25.48	24.78	0.300	30.00	-5.22
		1745.0	-0.70	128 / 0	25.53	24.83	0.304	30.00	-5.17
		1767.5	-0.70	128 / 0	25.51	24.81	0.303	30.00	-5.19
	QPSK	1722.5	-0.70	1 / 131	25.36	24.66	0.292	30.00	-5.34
		1745.0	-0.70	1 / 64	25.43	24.73	0.297	30.00	-5.27
		1767.5	-0.70	1 / 64	25.36	24.66	0.293	30.00	-5.34
	16-QAM	1767.5	-0.70	1 / 64	24.23	23.53	0.225	30.00	-6.47
	64-QAM	1745.0	-0.70	128 / 0	23.56	22.86	0.193	30.00	-7.14
	256-QAM	1767.5	-0.70	128 / 0	21.55	20.85	0.122	30.00	-9.15
30 MHz	π/2 BPSK	1725.0	-0.70	1 / 158	25.54	24.84	0.304	30.00	-5.16
		1745.0	-0.70	160 / 0	25.43	24.73	0.297	30.00	-5.27
		1765.0	-0.70	160 / 0	25.45	24.75	0.299	30.00	-5.25
	QPSK	1725.0	-0.70	1 / 158	25.67	24.97	0.314	30.00	-5.03
		1745.0	-0.70	1 / 158	25.51	24.81	0.303	30.00	-5.19
		1765.0	-0.70	1 / 1	25.70	25.00	0.316	30.00	-5.00
	16-QAM	1745.0	-0.70	1 / 80	24.26	23.56	0.227	30.00	-6.44
	64-QAM	1745.0	-0.70	160 / 0	23.50	22.80	0.191	30.00	-7.20
	256-QAM	1745.0	-0.70	160 / 0	21.47	20.77	0.119	30.00	-9.23
35 MHz	π/2 BPSK	1727.5	-0.70	180 / 0	25.42	24.72	0.296	30.00	-5.28
		1745.0	-0.70	180 / 0	25.56	24.86	0.306	30.00	-5.14
		1762.5	-0.70	180 / 0	25.51	24.81	0.303	30.00	-5.19
	QPSK	1725.0	-0.70	1 / 90	25.38	24.68	0.294	30.00	-5.32
		1745.0	-0.70	1 / 90	25.43	24.73	0.297	30.00	-5.27
		1765.0	-0.70	1 / 90	25.47	24.77	0.300	30.00	-5.23
	16-QAM	1745.0	-0.70	1 / 90	24.30	23.60	0.229	30.00	-6.40
	64-QAM	1745.0	-0.70	180 / 0	23.55	22.85	0.193	30.00	-7.15
	256-QAM	1745.0	-0.70	180 / 0	21.57	20.87	0.122	30.00	-9.13
40 MHz	π/2 BPSK	1730.0	-0.70	1 / 214	25.59	24.89	0.309	30.00	-5.11
		1745.0	-0.70	1 / 108	25.65	24.95	0.312	30.00	-5.05
		1760.0	-0.70	1 / 1	25.52	24.82	0.304	30.00	-5.18
	QPSK	1730.0	-0.70	1 / 214	25.53	24.83	0.304	30.00	-5.17
		1745.0	-0.70	1 / 214	25.56	24.86	0.306	30.00	-5.14
		1760.0	-0.70	1 / 1	25.54	24.84	0.305	30.00	-5.16
	16-QAM	1730.0	-0.70	1 / 214	24.34	23.64	0.231	30.00	-6.36
	64-QAM	1745.0	-0.70	216 / 0	23.52	22.82	0.191	30.00	-7.18
	256-QAM	1745.0	-0.70	216 / 0	21.52	20.82	0.121	30.00	-9.18
45 MHz	π/2 BPSK	1732.5	-0.70	240 / 0	25.45	24.75	0.299	30.00	-5.25
		1745.0	-0.70	240 / 0	25.55	24.85	0.306	30.00	-5.15
		1757.5	-0.70	240 / 0	25.53	24.83	0.304	30.00	-5.17
	QPSK	1732.5	-0.70	1 / 1	25.59	24.89	0.308	30.00	-5.11
		1745.0	-0.70	1 / 120	25.49	24.79	0.301	30.00	-5.21
		1757.5	-0.70	1 / 120	25.53	24.83	0.304	30.00	-5.17
	16-QAM	1745.0	-0.70	1 / 120	24.45	23.75	0.237	30.00	-6.25
	64-QAM	1745.0	-0.70	240 / 0	23.57	22.87	0.194	30.00	-7.13
	256-QAM	1745.0	-0.70	240 / 0	21.56	20.86	0.122	30.00	-9.14

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	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	-1.10	25 / 0	25.12	24.02	0.252	30.00	-5.98
		1702.5	-1.10	1 / 24	25.13	24.03	0.253	30.00	-5.97
		1707.5	-1.10	25 / 0	25.10	24.00	0.251	30.00	-6.00
	QPSK	1697.5	-1.10	1 / 1	25.05	23.95	0.249	30.00	-6.05
		1702.5	-1.10	1 / 1	25.08	23.98	0.250	30.00	-6.02
		1707.5	-1.10	1 / 1	25.06	23.96	0.249	30.00	-6.04
	16-QAM	1702.5	-1.10	1 / 1	23.92	22.82	0.191	30.00	-7.18
	64-QAM	1702.5	-1.10	25 / 0	23.09	21.99	0.158	30.00	-8.01
	256-QAM	1702.5	-1.10	25 / 0	21.12	20.02	0.100	30.00	-9.98
10 MHz	$\pi/2$ BPSK	1700.0	-1.10	1 / 50	25.15	24.05	0.254	30.00	-5.95
		1702.5	-1.10	50 / 0	25.12	24.02	0.253	30.00	-5.98
		1705.0	-1.10	50 / 0	25.20	24.10	0.257	30.00	-5.90
	QPSK	1700.0	-1.10	1 / 50	25.18	24.08	0.256	30.00	-5.92
		1702.5	-1.10	1 / 50	25.14	24.04	0.253	30.00	-5.96
		1705.0	-1.10	1 / 1	25.17	24.07	0.255	30.00	-5.93
	16-QAM	1700.0	-1.10	1 / 50	24.09	22.99	0.199	30.00	-7.01
	64-QAM	1705.0	-1.10	50 / 0	23.20	22.10	0.162	30.00	-7.90
	256-QAM	1705.0	-1.10	50 / 0	21.23	20.13	0.103	30.00	-9.87
15 MHz	$\pi/2$ BPSK	1702.5	-1.10	75 / 0	25.08	23.98	0.250	30.00	-6.02
	QPSK	1702.5	-1.10	1 / 1	25.11	24.01	0.252	30.00	-5.99
	16-QAM	1702.5	-1.10	1 / 1	24.01	22.91	0.196	30.00	-7.09
	64-QAM	1702.5	-1.10	75 / 0	23.25	22.15	0.164	30.00	-7.85
	256-QAM	1702.5	-1.10	75 / 0	21.21	20.11	0.103	30.00	-9.89

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 302 of 359

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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	-1.10	25 / 0	25.50	22.25	0.168	34.77	-12.52
		680.5	-1.10	1 / 24	25.61	22.36	0.172	34.77	-12.41
		695.5	-1.10	25 / 0	25.43	22.18	0.165	34.77	-12.59
	QPSK	665.5	-1.10	1 / 12	25.48	22.23	0.167	34.77	-12.54
		680.5	-1.10	1 / 24	25.39	22.14	0.164	34.77	-12.63
		695.5	-1.10	1 / 24	25.55	22.30	0.170	34.77	-12.47
	16-QAM	695.5	-1.10	1 / 12	24.46	21.21	0.132	34.77	-13.56
	64-QAM	680.5	-1.10	25 / 0	23.59	20.34	0.108	34.77	-14.43
	256-QAM	680.5	-1.10	25 / 0	21.61	18.36	0.069	34.77	-16.41
10 MHz	$\pi/2$ BPSK	668.0	-1.10	50 / 0	25.56	22.31	0.170	34.77	-12.46
		680.5	-1.10	50 / 0	25.56	22.31	0.170	34.77	-12.46
		693.0	-1.10	50 / 0	25.56	22.31	0.170	34.77	-12.47
	QPSK	668.0	-1.10	1 / 50	25.44	22.19	0.165	34.77	-12.58
		680.5	-1.10	1 / 25	25.35	22.10	0.162	34.77	-12.68
		693.0	-1.10	1 / 25	25.52	22.27	0.169	34.77	-12.50
	16-QAM	680.5	-1.10	1 / 25	24.32	21.07	0.128	34.77	-13.70
	64-QAM	668.0	-1.10	50 / 0	23.57	20.32	0.108	34.77	-14.45
	256-QAM	680.5	-1.10	50 / 0	21.57	18.32	0.068	34.77	-16.45
15 MHz	$\pi/2$ BPSK	670.5	-1.10	75 / 0	25.38	22.13	0.163	34.77	-12.64
		680.5	-1.10	75 / 0	25.37	22.12	0.163	34.77	-12.65
		690.5	-1.10	1 / 36	25.45	22.20	0.166	34.77	-12.57
	QPSK	670.5	-1.10	1 / 77	25.41	22.16	0.164	34.77	-12.61
		680.5	-1.10	1 / 36	25.51	22.26	0.168	34.77	-12.51
		690.5	-1.10	1 / 77	25.40	22.15	0.164	34.77	-12.62
	16-QAM	680.5	-1.10	1 / 36	24.36	21.11	0.129	34.77	-13.67
	64-QAM	690.5	-1.10	75 / 0	23.50	20.25	0.106	34.77	-14.53
	256-QAM	690.5	-1.10	75 / 0	21.40	18.15	0.065	34.77	-16.62
20 MHz	$\pi/2$ BPSK	673.0	-1.10	100 / 0	25.45	22.20	0.166	34.77	-12.57
		680.5	-1.10	100 / 0	25.40	22.15	0.164	34.77	-12.62
		688.0	-1.10	100 / 0	25.45	22.20	0.166	34.77	-12.57
	QPSK	673.0	-1.10	1 / 104	25.49	22.24	0.168	34.77	-12.53
		680.5	-1.10	1 / 104	25.46	22.21	0.166	34.77	-12.56
		688.0	-1.10	1 / 50	25.48	22.23	0.167	34.77	-12.54
	16-QAM	680.5	-1.10	1 / 104	24.41	21.16	0.131	34.77	-13.61
	64-QAM	688.0	-1.10	100 / 0	23.55	20.30	0.107	34.77	-14.47
	256-QAM	688.0	-1.10	100 / 0	21.58	18.33	0.068	34.77	-16.44

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

FCC ID: BCGA3361	 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	-3.10	1 / 12	25.46	20.21	0.105	34.77	-14.56
		707.5	-3.10	25 / 0	25.44	20.19	0.105	34.77	-14.58
		713.5	-3.10	25 / 0	25.51	20.26	0.106	34.77	-14.51
	QPSK	701.5	-3.10	1 / 1	25.32	20.07	0.102	34.77	-14.70
		707.5	-3.10	1 / 1	25.43	20.18	0.104	34.77	-14.59
		713.5	-3.10	1 / 1	25.56	20.31	0.107	34.77	-14.46
	16-QAM	713.5	-3.10	1 / 24	24.32	19.07	0.081	34.77	-15.70
	64-QAM	713.5	-3.10	25 / 0	23.54	18.29	0.067	34.77	-16.49
	256-QAM	707.5	-3.10	25 / 0	21.58	16.33	0.043	34.77	-18.44
10 MHz	$\pi/2$ BPSK	704.0	-3.10	50 / 0	25.52	20.27	0.106	34.77	-14.51
		707.5	-3.10	1 / 1	25.60	20.35	0.108	34.77	-14.42
		711.0	-3.10	50 / 0	25.66	20.41	0.110	34.77	-14.36
	QPSK	704.0	-3.10	1 / 1	25.51	20.26	0.106	34.77	-14.51
		707.5	-3.10	1 / 50	25.67	20.42	0.110	34.77	-14.35
		711.0	-3.10	1 / 1	25.47	20.22	0.105	34.77	-14.55
	16-QAM	711.0	-3.10	1 / 25	24.39	19.14	0.082	34.77	-15.63
	64-QAM	711.0	-3.10	50 / 0	23.51	18.26	0.067	34.77	-16.52
	256-QAM	711.0	-3.10	50 / 0	21.64	16.39	0.044	34.77	-18.38
15 MHz	$\pi/2$ BPSK	706.5	-3.10	75 / 0	25.41	20.16	0.104	34.77	-14.61
		707.5	-3.10	1 / 1	25.41	20.16	0.104	34.77	-14.61
		708.5	-3.10	75 / 0	25.39	20.14	0.103	34.77	-14.63
	QPSK	706.5	-3.10	1 / 77	25.54	20.29	0.107	34.77	-14.48
		707.5	-3.10	1 / 1	25.37	20.12	0.103	34.77	-14.65
		708.5	-3.10	1 / 77	25.41	20.16	0.104	34.77	-14.62
	16-QAM	707.5	-3.10	1 / 77	24.52	19.27	0.085	34.77	-15.50
	64-QAM	706.5	-3.10	75 / 0	23.45	18.20	0.066	34.77	-16.57
	256-QAM	706.5	-3.10	75 / 0	21.42	16.17	0.041	34.77	-18.60

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 304 of 359

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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	25.60	-0.70	24.90	0.309	30.00	-5.10
1732.60	WCDMA1700	25.49	-0.70	24.79	0.301	30.00	-5.21
1752.60	WCDMA1700	25.38	-0.70	24.68	0.294	30.00	-5.32

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 305 of 359

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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	-3.00	1 / 0	25.42	22.42	0.175	30.00	-7.58
		1745.0	-3.00	1 / 0	25.42	22.42	0.175	30.00	-7.58
		1779.3	-3.00	1 / 0	25.44	22.44	0.175	30.00	-7.56
	16-QAM	1710.7	-3.00	1 / 0	24.84	21.84	0.153	30.00	-8.16
	64-QAM	1745.0	-3.00	1 / 0	23.79	20.79	0.120	30.00	-9.21
	256-QAM	1745.0	-3.00	6 / 0	20.91	17.91	0.062	30.00	-12.09
3 MHz	QPSK	1711.5	-3.00	1 / 0	25.43	22.43	0.175	30.00	-7.57
		1745.0	-3.00	1 / 0	25.46	22.46	0.176	30.00	-7.54
		1778.5	-3.00	1 / 0	25.33	22.33	0.171	30.00	-7.67
	16-QAM	1745.0	-3.00	1 / 14	24.80	21.80	0.151	30.00	-8.20
	64-QAM	1745.0	-3.00	1 / 0	23.72	20.72	0.118	30.00	-9.28
	256-QAM	1711.5	-3.00	15 / 0	20.93	17.93	0.062	30.00	-12.07
5 MHz	QPSK	1712.5	-3.00	1 / 24	25.60	22.60	0.182	30.00	-7.40
		1745.0	-3.00	1 / 24	25.69	22.69	0.186	30.00	-7.31
		1777.5	-3.00	1 / 12	25.37	22.37	0.173	30.00	-7.63
	16-QAM	1712.5	-3.00	1 / 0	24.98	21.98	0.158	30.00	-8.02
	64-QAM	1712.5	-3.00	1 / 24	23.71	20.71	0.118	30.00	-9.29
	256-QAM	1745.0	-3.00	25 / 0	20.99	17.99	0.063	30.00	-12.01
10 MHz	QPSK	1715.0	-3.00	1 / 0	25.51	22.51	0.178	30.00	-7.49
		1745.0	-3.00	1 / 49	25.52	22.52	0.179	30.00	-7.48
		1775.0	-3.00	1 / 25	25.39	22.39	0.173	30.00	-7.61
	16-QAM	1745.0	-3.00	1 / 25	24.91	21.91	0.155	30.00	-8.09
	64-QAM	1745.0	-3.00	1 / 0	23.80	20.80	0.120	30.00	-9.20
	256-QAM	1715.0	-3.00	50 / 0	21.08	18.08	0.064	30.00	-11.92
15 MHz	QPSK	1717.5	-3.00	1 / 0	25.62	22.62	0.183	30.00	-7.38
		1745.0	-3.00	1 / 0	25.48	22.48	0.177	30.00	-7.52
		1772.5	-3.00	1 / 0	25.40	22.40	0.174	30.00	-7.60
	16-QAM	1745.0	-3.00	1 / 74	24.88	21.88	0.154	30.00	-8.12
	64-QAM	1745.0	-3.00	1 / 74	23.75	20.75	0.119	30.00	-9.25
	256-QAM	1717.5	-3.00	75 / 0	20.99	17.99	0.063	30.00	-12.01
20 MHz	QPSK	1720.0	-3.00	1 / 0	25.51	22.51	0.178	30.00	-7.49
		1745.0	-3.00	1 / 0	25.48	22.48	0.177	30.00	-7.52
		1770.0	-3.00	1 / 0	25.42	22.42	0.175	30.00	-7.58
	16-QAM	1745.0	-3.00	1 / 0	24.85	21.85	0.153	30.00	-8.15
	64-QAM	1770.0	-3.00	1 / 0	23.66	20.66	0.116	30.00	-9.34
	256-QAM	1745.0	-3.00	100 / 0	20.92	17.92	0.062	30.00	-12.08

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	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	-3.00	1 / 0	25.44	22.44	0.175	30.00	-7.56
		1732.5	-3.00	1 / 0	25.70	22.70	0.186	30.00	-7.30
		1754.3	-3.00	1 / 0	25.55	22.55	0.180	30.00	-7.45
	16-QAM	1754.3	-3.00	1 / 0	24.84	21.84	0.153	30.00	-8.16
	64-QAM	1754.3	-3.00	1 / 0	23.81	20.81	0.121	30.00	-9.19
	256-QAM	1754.3	-3.00	6 / 0	20.99	17.99	0.063	30.00	-12.01
3 MHz	QPSK	1711.5	-3.00	1 / 0	25.43	22.43	0.175	30.00	-7.57
		1732.5	-3.00	1 / 0	25.58	22.58	0.181	30.00	-7.42
		1753.5	-3.00	1 / 0	25.48	22.48	0.177	30.00	-7.52
	16-QAM	1753.5	-3.00	1 / 0	24.93	21.93	0.156	30.00	-8.07
	64-QAM	1753.5	-3.00	1 / 0	23.82	20.82	0.121	30.00	-9.18
	256-QAM	1753.5	-3.00	15 / 0	21.00	18.00	0.063	30.00	-12.00
5 MHz	QPSK	1712.5	-3.00	1 / 24	25.55	22.55	0.180	30.00	-7.45
		1732.5	-3.00	1 / 0	25.68	22.68	0.185	30.00	-7.32
		1752.5	-3.00	1 / 24	25.53	22.53	0.179	30.00	-7.47
	16-QAM	1732.5	-3.00	1 / 24	25.01	22.01	0.159	30.00	-7.99
	64-QAM	1752.5	-3.00	1 / 0	23.75	20.75	0.119	30.00	-9.25
	256-QAM	1732.5	-3.00	25 / 0	21.06	18.06	0.064	30.00	-11.94
10 MHz	QPSK	1715.0	-3.00	1 / 0	25.47	22.47	0.177	30.00	-7.53
		1732.5	-3.00	1 / 0	25.55	22.55	0.180	30.00	-7.45
		1750.0	-3.00	1 / 49	25.45	22.45	0.176	30.00	-7.55
	16-QAM	1732.5	-3.00	1 / 0	24.98	21.98	0.158	30.00	-8.02
	64-QAM	1750.0	-3.00	1 / 49	23.82	20.82	0.121	30.00	-9.18
	256-QAM	1732.5	-3.00	50 / 0	21.10	18.10	0.065	30.00	-11.90
15 MHz	QPSK	1717.5	-3.00	1 / 0	25.55	22.55	0.180	30.00	-7.45
		1732.5	-3.00	1 / 0	25.50	22.50	0.178	30.00	-7.50
		1747.5	-3.00	1 / 0	25.35	22.35	0.172	30.00	-7.65
	16-QAM	1732.5	-3.00	1 / 0	24.94	21.94	0.156	30.00	-8.06
	64-QAM	1732.5	-3.00	1 / 0	23.73	20.73	0.118	30.00	-9.27
	256-QAM	1732.5	-3.00	75 / 0	20.96	17.96	0.063	30.00	-12.04
20 MHz	QPSK	1720.0	-3.00	1 / 0	25.13	22.13	0.163	30.00	-7.87
		1732.5	-3.00	1 / 0	25.53	22.53	0.179	30.00	-7.47
		1745.0	-3.00	1 / 0	25.42	22.42	0.175	30.00	-7.58
	16-QAM	1732.5	-3.00	1 / 0	24.84	21.84	0.153	30.00	-8.16
	64-QAM	1720.0	-3.00	1 / 99	23.60	20.60	0.115	30.00	-9.40
	256-QAM	1732.5	-3.00	100 / 0	20.96	17.96	0.063	30.00	-12.04

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 307 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	-3.00	25 / 0	25.42	22.42	0.175	30.00	-7.58
		1745.0	-3.00	25 / 0	25.47	22.47	0.177	30.00	-7.53
		1777.5	-3.00	25 / 0	25.42	22.42	0.174	30.00	-7.58
	QPSK	1712.5	-3.00	1 / 1	25.49	22.49	0.177	30.00	-7.51
		1745.0	-3.00	1 / 12	25.56	22.56	0.180	30.00	-7.44
		1777.5	-3.00	1 / 12	25.39	22.39	0.173	30.00	-7.61
	16-QAM	1745.0	-3.00	1 / 1	24.35	21.35	0.136	30.00	-8.65
	64-QAM	1745.0	-3.00	25 / 0	23.62	20.62	0.115	30.00	-9.38
	256-QAM	1745.0	-3.00	25 / 0	21.61	18.61	0.073	30.00	-11.39
10 MHz	π/2 BPSK	1715.0	-3.00	50 / 0	25.50	22.50	0.178	30.00	-7.50
		1745.0	-3.00	50 / 0	25.58	22.58	0.181	30.00	-7.42
		1775.0	-3.00	50 / 0	25.51	22.51	0.178	30.00	-7.49
	QPSK	1715.0	-3.00	1 / 1	25.52	22.52	0.179	30.00	-7.48
		1745.0	-3.00	1 / 1	25.56	22.56	0.180	30.00	-7.44
		1775.0	-3.00	1 / 1	25.48	22.48	0.177	30.00	-7.52
	16-QAM	1745.0	-3.00	1 / 50	24.41	21.41	0.138	30.00	-8.59
	64-QAM	1745.0	-3.00	50 / 0	23.55	20.55	0.113	30.00	-9.45
	256-QAM	1745.0	-3.00	50 / 0	21.60	18.60	0.072	30.00	-11.40
15 MHz	π/2 BPSK	1717.5	-3.00	1 / 77	25.45	22.45	0.176	30.00	-7.55
		1745.0	-3.00	1 / 77	25.52	22.52	0.178	30.00	-7.48
		1772.5	-3.00	75 / 0	25.48	22.48	0.177	30.00	-7.52
	QPSK	1717.5	-3.00	1 / 77	25.53	22.53	0.179	30.00	-7.47
		1745.0	-3.00	1 / 77	25.56	22.56	0.180	30.00	-7.44
		1772.5	-3.00	1 / 1	25.45	22.45	0.176	30.00	-7.55
	16-QAM	1717.5	-3.00	1 / 77	24.45	21.45	0.139	30.00	-8.55
	64-QAM	1745.0	-3.00	75 / 0	23.53	20.53	0.113	30.00	-9.47
	256-QAM	1745.0	-3.00	75 / 0	21.51	18.51	0.071	30.00	-11.49
20 MHz	π/2 BPSK	1720.0	-3.00	1 / 104	25.43	22.43	0.175	30.00	-7.57
		1745.0	-3.00	100 / 0	25.47	22.47	0.177	30.00	-7.53
		1770.0	-3.00	100 / 0	25.44	22.44	0.175	30.00	-7.56
	QPSK	1720.0	-3.00	1 / 104	25.51	22.51	0.178	30.00	-7.49
		1745.0	-3.00	1 / 104	25.53	22.53	0.179	30.00	-7.47
		1770.0	-3.00	1 / 1	25.45	22.45	0.176	30.00	-7.55
	16-QAM	1745.0	-3.00	1 / 104	24.38	21.38	0.137	30.00	-8.62
	64-QAM	1745.0	-3.00	100 / 0	23.50	20.50	0.112	30.00	-9.50
	256-QAM	1745.0	-3.00	100 / 0	21.48	18.48	0.070	30.00	-11.52
25 MHz	π/2 BPSK	1722.5	-3.00	128 / 0	25.46	22.46	0.176	30.00	-7.54
		1745.0	-3.00	128 / 0	25.51	22.51	0.178	30.00	-7.49
		1767.5	-3.00	128 / 0	25.51	22.51	0.178	30.00	-7.49
	QPSK	1722.5	-3.00	1 / 64	25.42	22.42	0.175	30.00	-7.58
		1745.0	-3.00	1 / 64	25.43	22.43	0.175	30.00	-7.57
		1767.5	-3.00	1 / 1	25.43	22.43	0.175	30.00	-7.57
	16-QAM	1767.5	-3.00	1 / 64	24.30	21.30	0.135	30.00	-8.70
	64-QAM	1745.0	-3.00	128 / 0	23.61	20.61	0.115	30.00	-9.39
	256-QAM	1745.0	-3.00	128 / 0	21.55	18.55	0.072	30.00	-11.45
30 MHz	π/2 BPSK	1725.0	-3.00	160 / 0	25.48	22.48	0.177	30.00	-7.52
		1745.0	-3.00	160 / 0	25.49	22.49	0.177	30.00	-7.51
		1765.0	-3.00	1 / 1	25.50	22.50	0.178	30.00	-7.50
	QPSK	1725.0	-3.00	1 / 158	25.49	22.49	0.177	30.00	-7.51
		1745.0	-3.00	1 / 158	25.51	22.51	0.178	30.00	-7.49
		1765.0	-3.00	1 / 158	25.61	22.61	0.182	30.00	-7.39
	16-QAM	1745.0	-3.00	1 / 158	24.36	21.36	0.137	30.00	-8.64
	64-QAM	1745.0	-3.00	160 / 0	23.58	20.58	0.114	30.00	-9.42
	256-QAM	1725.0	-3.00	160 / 0	21.57	18.57	0.072	30.00	-11.43
35 MHz	π/2 BPSK	1727.5	-3.00	180 / 0	25.56	22.56	0.180	30.00	-7.44
		1745.0	-3.00	180 / 0	25.59	22.59	0.182	30.00	-7.41
		1762.5	-3.00	180 / 0	25.59	22.59	0.181	30.00	-7.41
	QPSK	1725.0	-3.00	1 / 90	25.54	22.54	0.179	30.00	-7.46
		1745.0	-3.00	1 / 90	25.54	22.54	0.180	30.00	-7.46
		1765.0	-3.00	1 / 90	25.47	22.47	0.177	30.00	-7.53
	16-QAM	1725.0	-3.00	1 / 90	24.34	21.34	0.136	30.00	-8.66
	64-QAM	1745.0	-3.00	180 / 0	23.51	20.51	0.112	30.00	-9.49
	256-QAM	1745.0	-3.00	180 / 0	21.56	18.56	0.072	30.00	-11.44
40 MHz	π/2 BPSK	1730.0	-3.00	216 / 0	25.53	22.53	0.179	30.00	-7.47
		1745.0	-3.00	1 / 108	25.70	22.70	0.186	30.00	-7.30
		1760.0	-3.00	1 / 108	25.56	22.56	0.180	30.00	-7.44
	QPSK	1730.0	-3.00	1 / 1	25.46	22.46	0.176	30.00	-7.54
		1745.0	-3.00	1 / 1	25.46	22.46	0.176	30.00	-7.54
		1760.0	-3.00	1 / 108	25.16	22.16	0.164	30.00	-7.84
	16-QAM	1745.0	-3.00	1 / 1	24.04	21.04	0.127	30.00	-8.96
	64-QAM	1730.0	-3.00	216 / 0	23.19	20.19	0.104	30.00	-9.81
	256-QAM	1760.0	-3.00	216 / 0	21.19	18.19	0.066	30.00	-11.81
45 MHz	π/2 BPSK	1732.5	-3.00	240 / 0	25.49	22.49	0.177	30.00	-7.51
		1745.0	-3.00	240 / 0	25.53	22.53	0.179	30.00	-7.47
		1757.5	-3.00	240 / 0	25.52	22.52	0.179	30.00	-7.48
	QPSK	1732.5	-3.00	1 / 120	25.54	22.54	0.179	30.00	-7.46
		1745.0	-3.00	1 / 240	25.44	22.44	0.175	30.00	-7.56
		1757.5	-3.00	1 / 120	25.52	22.52	0.179	30.00	-7.48
	16-QAM	1732.5	-3.00	1 / 240	24.42	21.42	0.139	30.00	-8.58
	64-QAM	1745.0	-3.00	240 / 0	23.54	20.54	0.113	30.00	-9.46
	256-QAM	1745.0	-3.00	240 / 0	21.59	18.59	0.072	30.00	-11.41

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

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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	-3.80	25 / 0	25.28	21.48	0.141	30.00	-8.52
		1702.5	-3.80	1 / 24	25.21	21.41	0.138	30.00	-8.59
		1707.5	-3.80	1 / 24	25.31	21.51	0.141	30.00	-8.49
	QPSK	1697.5	-3.80	1 / 24	25.57	21.77	0.150	30.00	-8.23
		1702.5	-3.80	1 / 12	25.67	21.87	0.154	30.00	-8.13
		1707.5	-3.80	1 / 1	25.52	21.72	0.149	30.00	-8.28
	16-QAM	1702.5	-3.80	1 / 24	24.36	20.56	0.114	30.00	-9.44
	64-QAM	1702.5	-3.80	25 / 0	23.57	19.77	0.095	30.00	-10.23
	256-QAM	1697.5	-3.80	25 / 0	21.68	17.88	0.061	30.00	-12.12
10 MHz	$\pi/2$ BPSK	1700.0	-3.80	50 / 0	25.62	21.82	0.152	30.00	-8.18
		1702.5	-3.80	1 / 1	25.58	21.78	0.151	30.00	-8.22
		1705.0	-3.80	50 / 0	25.69	21.89	0.154	30.00	-8.11
	QPSK	1700.0	-3.80	1 / 50	25.62	21.82	0.152	30.00	-8.18
		1702.5	-3.80	1 / 1	25.64	21.84	0.153	30.00	-8.16
		1705.0	-3.80	1 / 25	25.56	21.76	0.150	30.00	-8.24
	16-QAM	1702.5	-3.80	1 / 1	24.43	20.63	0.116	30.00	-9.37
	64-QAM	1705.0	-3.80	50 / 0	23.66	19.86	0.097	30.00	-10.14
	256-QAM	1705.0	-3.80	50 / 0	21.73	17.93	0.062	30.00	-12.07
15 MHz	$\pi/2$ BPSK	1702.5	-3.80	75 / 0	25.66	21.86	0.153	30.00	-8.14
	QPSK	1702.5	-3.80	1 / 1	25.67	21.87	0.154	30.00	-8.13
	16-QAM	1702.5	-3.80	1 / 77	24.47	20.67	0.117	30.00	-9.33
	64-QAM	1702.5	-3.80	75 / 0	23.65	19.85	0.097	30.00	-10.15
	256-QAM	1702.5	-3.80	75 / 0	21.73	17.93	0.062	30.00	-12.07

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

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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	25.47	-3.00	22.47	0.177	30.00	-7.53
1732.60	WCDMA1700	25.56	-3.00	22.56	0.180	30.00	-7.44
1752.60	WCDMA1700	25.39	-3.00	22.39	0.173	30.00	-7.61

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.

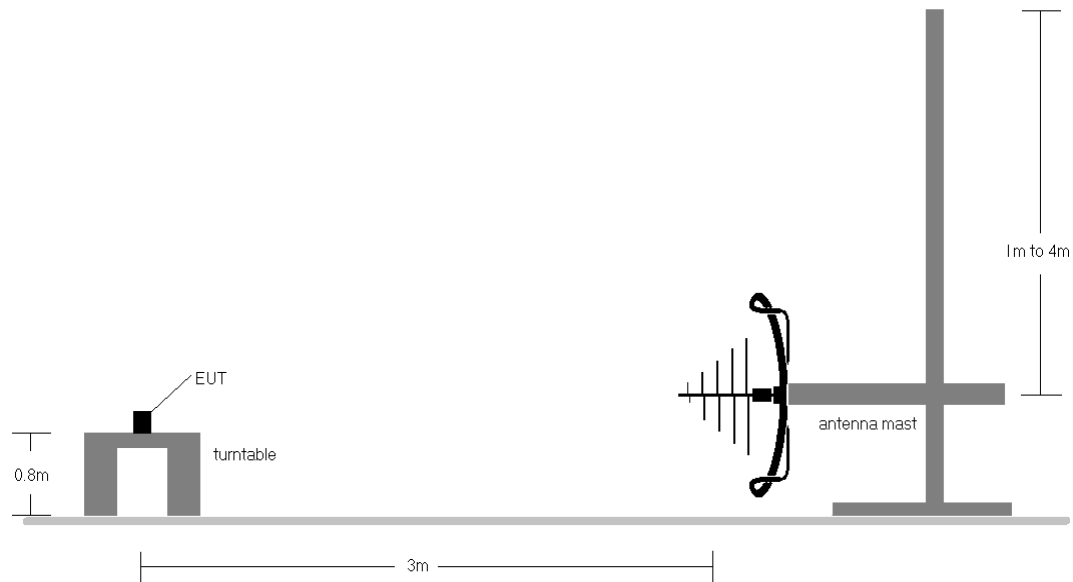


Figure 7-11. Test Instrument & Measurement Setup < 1GHz

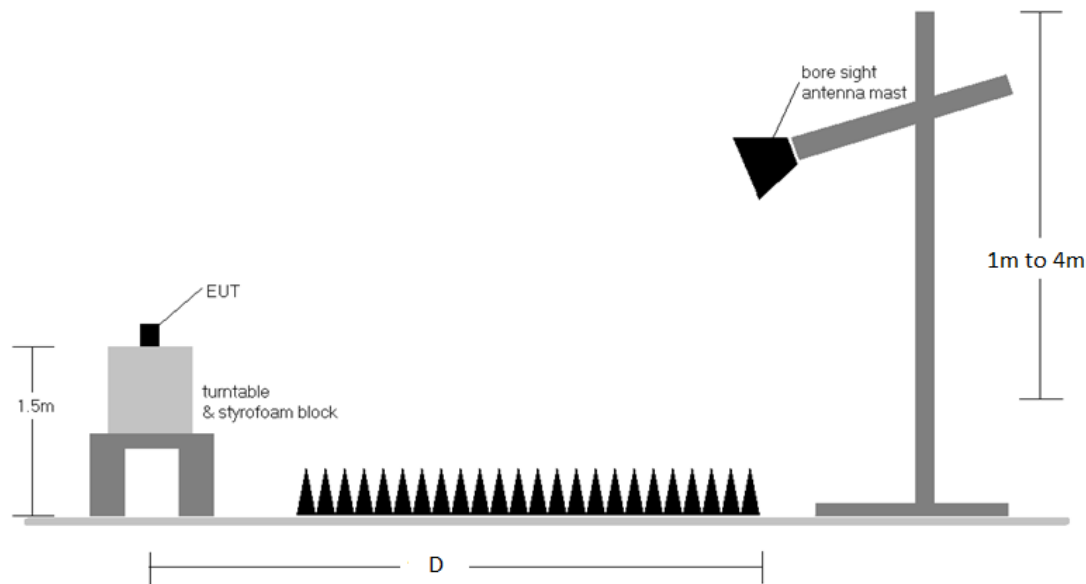


Figure 7-12. Test Instrument & Measurement Setup > 1GHz

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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. $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
3. This unit was tested with its standard battery.
4. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
5. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
6. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
7. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.
8. Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor) has been checked and was found to not to be the worst case.
9. This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest power is reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
10. Pre-scan plots have been reported for the highest power antenna while measurements have been reported for all antennas.

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7.7.1 Antenna 4b – 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	259	60	-75.30	0.01	31.71	-63.55	-13.00	-50.55
5160.0	V	-	-	-77.59	3.11	32.53	-62.73	-13.00	-49.73
6880.0	V	-	-	-77.89	5.36	34.47	-60.79	-13.00	-47.79
8600.0	V	-	-	-78.07	5.57	34.50	-60.76	-13.00	-47.76

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	219	9	-75.55	0.13	31.58	-63.68	-13.00	-50.68
5235.0	H	-	-	-77.55	3.34	32.79	-62.47	-13.00	-49.47
6980.0	H	-	-	-77.99	5.48	34.49	-60.77	-13.00	-47.77
8725.0	V	-	-	-77.88	5.70	34.82	-60.44	-13.00	-47.44

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	H	-	-	-75.97	0.27	31.30	-63.96	-13.00	-50.96
5310.0	V	-	-	-77.72	3.27	32.55	-62.70	-13.00	-49.70
7080.0	V	-	-	-78.35	5.66	34.30	-60.95	-13.00	-47.95

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

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NR Band n66

Bandwidth (MHz):	45
Frequency (MHz):	1732.5
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.0	H	-	-	-77.11	1.88	31.77	-63.49	-13.00	-50.49
5197.5	H	-	-	-78.27	5.13	33.86	-61.39	-13.00	-48.39
6930.0	H	-	-	-79.92	9.44	36.52	-58.74	-13.00	-45.74

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

Bandwidth (MHz):	45
Frequency (MHz):	1745.0
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna 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	-	-	-76.44	1.45	32.01	-63.25	-13.00	-50.25
5235.0	V	-	-	-78.73	5.31	33.58	-61.68	-13.00	-48.68
6980.0	H	-	-	-79.57	9.61	37.04	-58.22	-13.00	-45.22

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

Bandwidth (MHz):	45
Frequency (MHz):	1757.5
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3515.0	H	-	-	-77.60	3.19	32.59	-62.67	-13.00	-49.67
5272.5	V	-	-	-79.04	6.34	34.30	-60.96	-13.00	-47.96
7030.0	V	-	-	-79.37	9.75	37.38	-57.88	-13.00	-44.88

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	-	-	-77.22	2.43	32.21	-63.04	-13.00	-50.04
5100.0	V	-	-	-78.74	5.50	33.76	-61.49	-13.00	-48.49
6800.0	H	-	-	-79.78	9.32	36.54	-58.72	-13.00	-45.72

Table 7-40. Antenna 4b Radiated Spurious Data (NR Band n70 – Low Channel)

Bandwidth (MHz):	15
Frequency (MHz):	1702.5
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]
3405.0	V	-	-	-77.51	2.60	32.09	-63.16	-13.00	-50.16
5107.5	H	-	-	-78.67	5.61	33.94	-61.32	-13.00	-48.32
6810.0	V	-	-	-79.57	9.32	36.75	-58.51	-13.00	-45.51

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	H	-	-	-77.28	2.43	32.15	-63.11	-13.00	-50.11
5115.0	H	-	-	-78.68	5.31	33.63	-61.63	-13.00	-48.63
6820.0	H	-	-	-79.56	9.32	36.75	-58.50	-13.00	-45.50

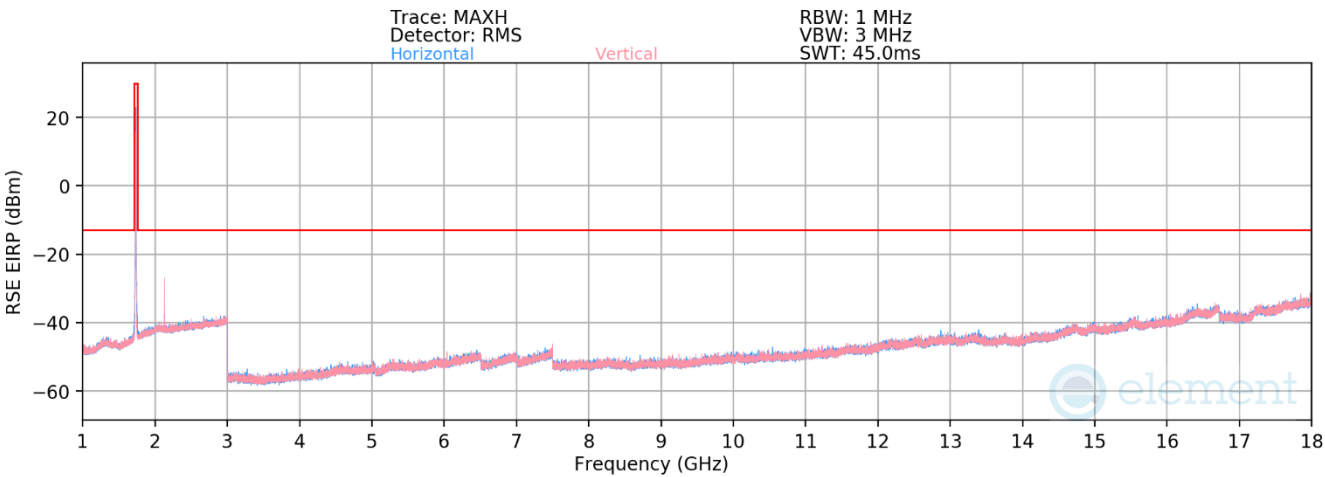
Table 7-42. Antenna 4b Radiated Spurious Data (NR Band n70 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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WCDMA AWS



Plot 7-492. Antenna 4b 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	H	-	-	-78.63	3.71	32.09	-63.17	-13.00	-50.17
5137.2	V	-	-	-79.80	8.06	35.27	-59.99	-13.00	-46.99
6849.6	V	-	-	-80.11	10.78	37.67	-57.59	-13.00	-44.59

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	-	-	-78.42	3.71	32.29	-62.96	-13.00	-49.96
5197.8	V	-	-	-79.23	8.15	35.92	-59.34	-13.00	-46.34
6930.4	V	-	-	-79.90	10.77	37.87	-57.39	-13.00	-44.39

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	-	-	-78.65	4.01	32.35	-62.90	-13.00	-49.90
5257.8	H	-	-	-79.41	8.84	36.43	-58.83	-13.00	-45.83
7010.4	V	-	-	-79.90	10.36	37.46	-57.80	-13.00	-44.80

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	255	52	-75.14	0.01	31.87	-63.39	-13.00	-50.39
5160.0	H	-	-	-77.92	3.32	32.39	-62.87	-13.00	-49.87
6880.0	V	-	-	-77.74	5.41	34.67	-60.58	-13.00	-47.58
8600.0	H	-	-	-77.87	5.39	34.52	-60.74	-13.00	-47.74

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	-	-	-75.99	0.13	31.14	-64.12	-13.00	-51.12
5235.0	V	-	-	-77.51	3.38	32.87	-62.39	-13.00	-49.39
6980.0	H	-	-	-78.06	5.51	34.46	-60.80	-13.00	-47.80

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	-	-	-75.84	0.27	31.43	-63.83	-13.00	-50.83
5310.0	V	-	-	-77.54	3.38	32.84	-62.42	-13.00	-49.42
7080.0	H	-	-	-78.15	5.56	34.41	-60.85	-13.00	-47.85

Table 7-48. Antenna 1 Radiated Spurious Data (LTE Band 66/4 – High Channel)

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66

Bandwidth (MHz):	45
Frequency (MHz):	1732.5
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.0	V	-	-	-76.97	1.88	31.91	-63.35	-13.00	-50.35
5197.5	H	-	-	-78.65	5.13	33.48	-61.78	-13.00	-48.78
6930.0	H	-	-	-79.82	9.44	36.62	-58.63	-13.00	-45.63

Table 7-49. Antenna 1 Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1745.0
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna 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	-	-	-77.15	1.45	31.30	-63.96	-13.00	-50.96
5235.0	H	-	-	-78.55	5.31	33.76	-61.50	-13.00	-48.50
6980.0	V	-	-	-79.52	9.48	36.96	-58.30	-13.00	-45.30

Table 7-50. Antenna 1 Radiated Spurious Data (NR Band n66 – Mid Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1757.5
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3515.0	V	-	-	-76.51	1.42	31.91	-63.34	-13.00	-50.34
5272.5	V	-	-	-78.60	5.62	34.01	-61.24	-13.00	-48.24
7030.0	H	-	-	-79.62	9.35	36.73	-58.53	-13.00	-45.53

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	V	-	-	-78.08	-0.97	27.95	-67.31	-13.00	-54.31
2019.0	V	-	-	-77.84	1.94	31.11	-64.15	-13.00	-51.15
2692.0	V	-	-	-78.69	4.05	32.36	-62.90	-13.00	-49.90

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	H	-	-	-78.24	-0.97	27.79	-67.47	-13.00	-54.47
2041.5	V	-	-	-78.22	2.31	31.09	-64.17	-13.00	-51.17
2722.0	H	-	-	-78.59	3.85	32.27	-62.99	-13.00	-49.99

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	-	-	-76.86	-0.82	29.33	-65.93	-13.00	-52.93
2064.0	H	-	-	-77.92	2.31	31.38	-63.87	-13.00	-50.87
2752.0	V	-	-	-78.79	3.85	32.07	-63.19	-13.00	-50.19

Table 7-54. Antenna 1 Radiated Spurious Data (LTE Band 71 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	V	-	-	-71.13	-4.14	31.73	-63.53	-13.00	-50.53
2019.0	H	-	-	-72.65	-0.80	33.55	-61.71	-13.00	-48.71
2692.0	V	-	-	-74.60	1.36	33.75	-61.50	-13.00	-48.50

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	-	-	-71.22	-4.14	31.64	-63.62	-13.00	-50.62
2041.5	H	-	-	-73.10	-0.38	33.52	-61.73	-13.00	-48.73
2722.0	V	-	-	-74.67	1.31	33.64	-61.62	-13.00	-48.62

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	-	-	-71.16	-4.22	31.62	-63.64	-13.00	-50.64
2064.0	H	-	-	-73.25	-0.38	33.38	-61.88	-13.00	-48.88
2752.0	V	-	-	-74.73	1.31	33.57	-61.68	-13.00	-48.68

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

FCC ID: BCGA3361	 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	H	-	-	-79.03	-1.01	26.96	-68.29	-13.00	-55.29
2112.0	V	-	-	-77.96	1.72	30.76	-64.50	-13.00	-51.50
2816.0	H	-	-	-78.49	3.07	31.58	-63.68	-13.00	-50.68

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	-	-	-79.02	-0.82	27.16	-68.09	-13.00	-55.09
2122.5	H	-	-	-78.25	1.72	30.47	-64.79	-13.00	-51.79
2830.0	V	-	-	-78.77	3.26	31.49	-63.77	-13.00	-50.77

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	H	-	-	-78.32	-1.86	26.82	-68.44	-13.00	-55.44
2133.0	V	-	-	-78.31	1.80	30.49	-64.77	-13.00	-51.77
2844.0	V	-	-	-78.41	3.07	31.66	-63.60	-13.00	-50.60

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

FCC ID: BCGA3361	 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	V	-	-	-70.92	-4.55	31.53	-63.73	-13.00	-50.73
2119.5	V	-	-	-73.76	-0.57	32.66	-62.59	-13.00	-49.59
2826.0	V	-	-	-74.81	0.29	32.48	-62.77	-13.00	-49.77

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	-	-	-70.88	-4.55	31.57	-63.69	-13.00	-50.69
2122.5	H	-	-	-74.00	-0.57	32.43	-62.83	-13.00	-49.83
2830.0	H	-	-	-74.58	0.32	32.73	-62.52	-13.00	-49.52

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	-	-	-69.49	-4.55	32.95	-62.30	-13.00	-49.30
2125.5	H	-	-	-73.62	-1.10	32.28	-62.98	-13.00	-49.98
2834.0	V	-	-	-74.71	0.25	32.54	-62.72	-13.00	-49.72

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

FCC ID: BCGA3361	 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	-	-	-78.32	-2.21	26.47	-68.79	-40.00	-28.79
2338.5	V	-	-	-78.21	2.93	31.72	-63.54	-13.00	-50.54
3118.0	V	-	-	-78.51	4.67	33.16	-62.10	-13.00	-49.10

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	-	-	-78.02	-2.21	26.77	-68.49	-40.00	-28.49
2346.0	V	-	-	-78.00	2.75	31.75	-63.51	-13.00	-50.51
3128.0	V	-	-	-78.62	4.67	33.05	-62.21	-13.00	-49.21

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	-	-	-78.28	-2.21	26.51	-68.75	-40.00	-28.75
2353.5	V	-	-	-78.04	2.75	31.71	-63.54	-13.00	-50.54
3138.0	H	-	-	-78.80	4.79	33.00	-62.26	-13.00	-49.26

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n70

Bandwidth (MHz):	10
Frequency (MHz):	1700.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3400.0	V	-	-	-77.33	2.43	32.10	-63.15	-13.00	-50.15
5100.0	V	-	-	-78.80	5.42	33.62	-61.64	-13.00	-48.64
6800.0	H	-	-	-79.87	9.32	36.45	-58.81	-13.00	-45.81

Table 7-67. Antenna 1 Radiated Spurious Data (NR Band n70 – Low Channel)

Bandwidth (MHz):	15
Frequency (MHz):	1702.5
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]
3405.0	V	-	-	-77.62	2.60	31.98	-63.27	-13.00	-50.27
5107.5	V	-	-	-78.97	5.50	33.53	-61.73	-13.00	-48.73
6810.0	H	-	-	-79.69	9.32	36.63	-58.63	-13.00	-45.63

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	V	-	-	-77.46	2.43	31.97	-63.28	-13.00	-50.28
5115.0	V	-	-	-79.05	5.61	33.56	-61.70	-13.00	-48.70
6820.0	H	-	-	-80.11	9.90	36.79	-58.47	-13.00	-45.47

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

FCC ID: BCGA3361	 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	-	-	-78.60	3.71	32.11	-63.15	-13.00	-50.15
5137.2	H	-	-	-79.44	7.58	35.14	-60.12	-13.00	-47.12
6849.6	V	-	-	-79.79	10.61	37.82	-57.44	-13.00	-44.44

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	V	-	-	-78.23	3.90	32.68	-62.58	-13.00	-49.58
5197.8	V	-	-	-79.18	8.15	35.97	-59.29	-13.00	-46.29
6930.4	V	-	-	-79.72	10.74	38.02	-57.24	-13.00	-44.24

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	-	-	-78.88	4.09	32.21	-63.05	-13.00	-50.05
5257.8	H	-	-	-79.71	8.84	36.13	-59.13	-13.00	-46.13
7010.4	V	-	-	-79.75	10.36	37.61	-57.65	-13.00	-44.65

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

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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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	H	-	-	-75.65	0.01	31.35	-63.90	-13.00	-50.90
5160.0	V	-	-	-77.43	3.11	32.69	-62.57	-13.00	-49.57
6880.0	H	-	-	-77.76	5.36	34.60	-60.65	-13.00	-47.65

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	-	-	-76.07	0.08	31.00	-64.25	-13.00	-51.25
5235.0	V	-	-	-77.60	3.43	32.84	-62.42	-13.00	-49.42
6980.0	V	-	-	-77.74	5.48	34.73	-60.52	-13.00	-47.52

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	H	-	-	-75.85	0.21	31.36	-63.90	-13.00	-50.90
5310.0	V	-	-	-77.52	3.29	32.78	-62.48	-13.00	-49.48
7080.0	H	-	-	-78.12	5.73	34.61	-60.64	-13.00	-47.64

Table 7-75. Antenna 3 Radiated Spurious Data (LTE Band 66/4 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66

Bandwidth (MHz):	45
Frequency (MHz):	1732.5
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.0	V	-	-	-76.68	1.45	31.77	-63.48	-13.00	-50.48
5197.5	V	-	-	-78.69	5.11	33.42	-61.84	-13.00	-48.84
6930.0	H	-	-	-80.01	9.59	36.59	-58.67	-13.00	-45.67

Table 7-76. Antenna 3 Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1745.0
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna 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	-	-	-76.63	1.32	31.69	-63.56	-13.00	-50.56
5235.0	V	-	-	-78.75	5.08	33.33	-61.93	-13.00	-48.93
6980.0	V	-	-	-80.04	9.88	36.84	-58.42	-13.00	-45.42

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

Bandwidth (MHz):	45
Frequency (MHz):	1757.5
RB / Offset:	1 / 121

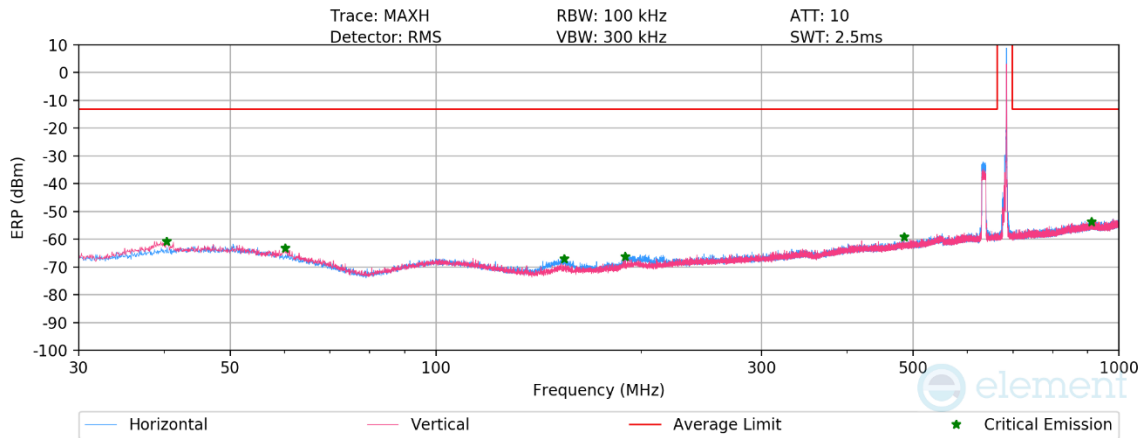
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3515.0	V	-	-	-76.56	1.42	31.86	-63.40	-13.00	-50.40
5272.5	V	-	-	-78.62	5.62	34.00	-61.26	-13.00	-48.26
7030.0	V	-	-	-80.05	9.54	36.48	-58.77	-13.00	-45.77

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

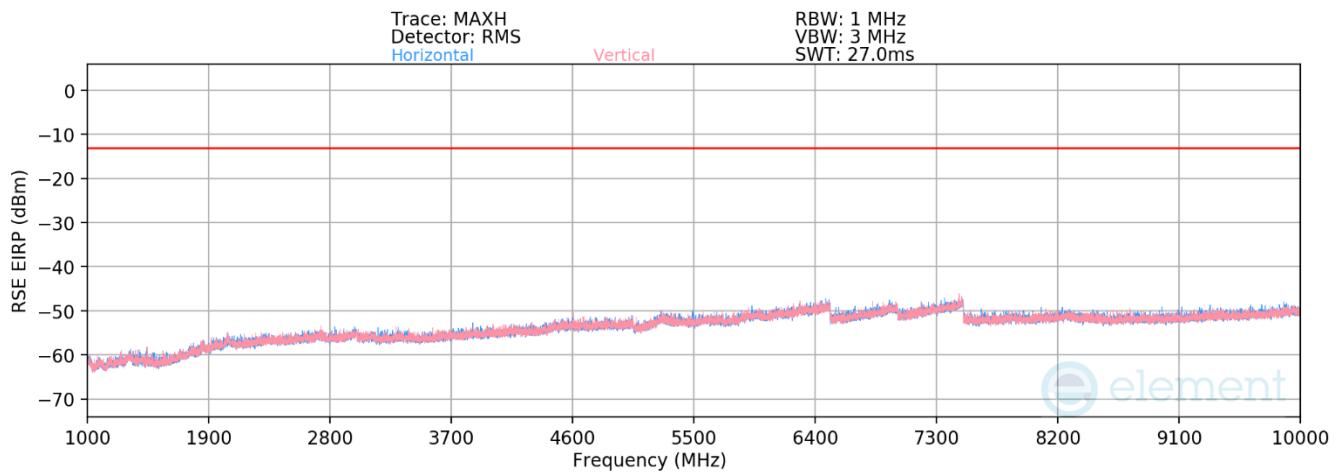
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 71



Plot 7-493. Antenna 3 Radiated Spurious Emission below 1GHz (LTE Band 71)



Plot 7-494. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 71)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device
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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	-	-	-77.32	-0.99	28.69	-66.56	-13.00	-53.56
2019.0	V	-	-	-77.42	1.94	31.52	-63.74	-13.00	-50.74
2692.0	H	-	-	-79.10	4.05	31.95	-63.31	-13.00	-50.31

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	H	-	-	-77.90	-0.97	28.12	-67.13	-13.00	-54.13
2041.5	V	-	-	-77.53	2.31	31.78	-63.48	-13.00	-50.48
2722.0	H	-	-	-78.49	4.05	32.56	-62.69	-13.00	-49.69

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

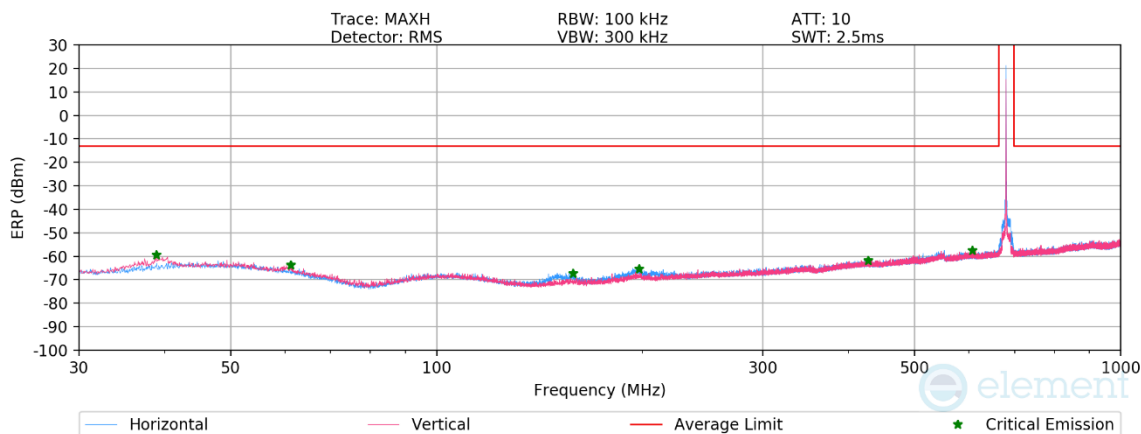
Bandwidth (MHz):	20
Frequency (MHz):	688.0
RB / Offset:	1 / 50

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	H	-	-	-78.03	-1.01	27.96	-67.30	-13.00	-54.30
2064.0	V	-	-	-77.16	1.94	31.78	-63.47	-13.00	-50.47
2752.0	V	-	-	-78.42	3.85	32.43	-62.82	-13.00	-49.82

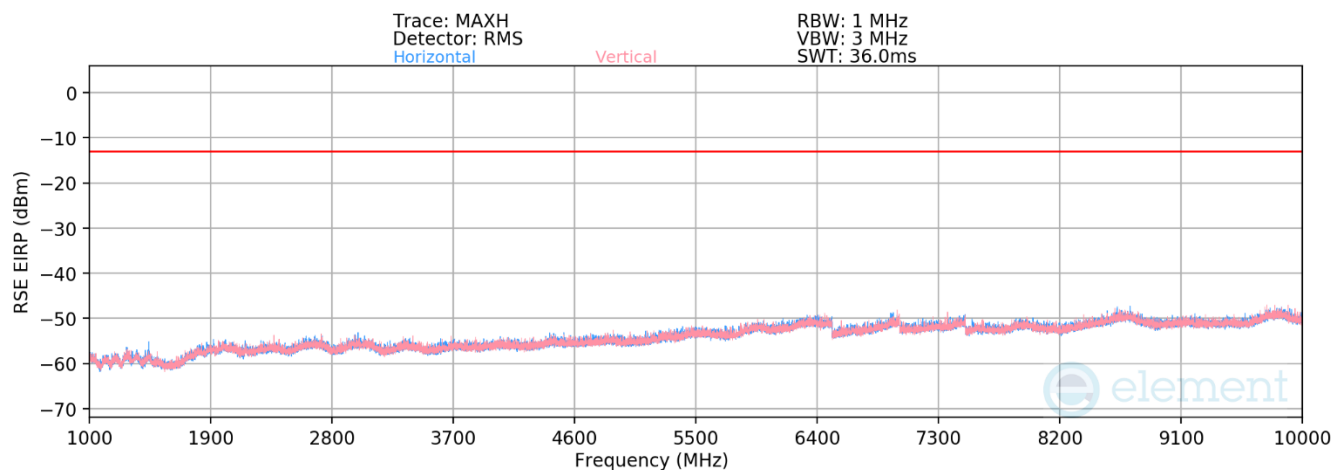
Table 7-81. Antenna 3 Radiated Spurious Data (LTE Band 71 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 331 of 359

NR Band n71



Plot 7-495. Antenna 3 Radiated Spurious Emission below 1GHz (NR Band n71)



Plot 7-496. Antenna 3 Radiated Spurious Emission above 1GHz (NR Band n71)

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device		Page 332 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	-	-	-71.63	-4.09	31.27	-63.98	-13.00	-50.98
2019.0	V	-	-	-73.05	-0.47	33.47	-61.79	-13.00	-48.79
2692.0	V	-	-	-74.61	1.30	33.69	-61.56	-13.00	-48.56

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	V	-	-	-71.41	-4.14	31.46	-63.80	-13.00	-50.80
2041.5	V	-	-	-73.34	-0.29	33.36	-61.89	-13.00	-48.89
2722.0	H	-	-	-74.75	1.34	33.59	-61.67	-13.00	-48.67

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

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

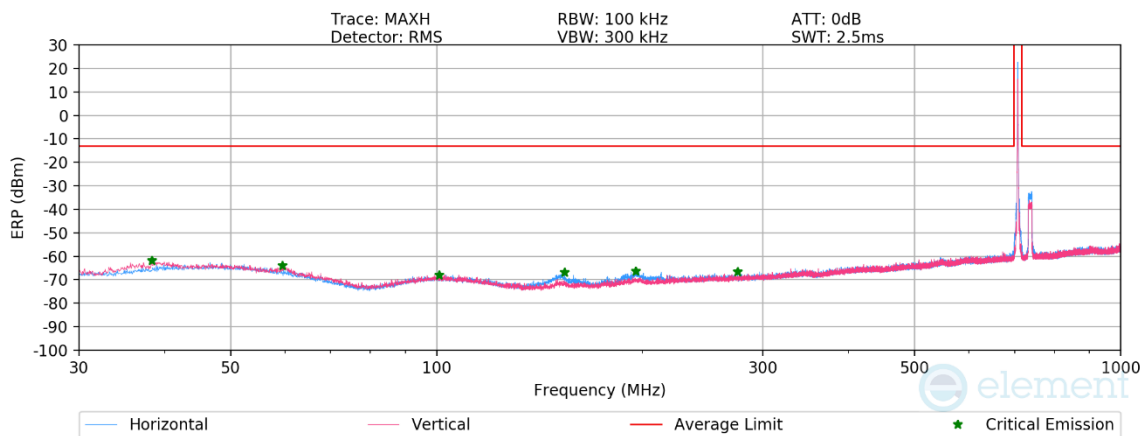
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.0	H	-	-	-71.51	-4.22	31.26	-63.99	-13.00	-50.99
2064.0	V	-	-	-73.62	-0.29	33.09	-62.17	-13.00	-49.17
2752.0	V	-	-	-74.69	1.31	33.62	-61.64	-13.00	-48.64

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

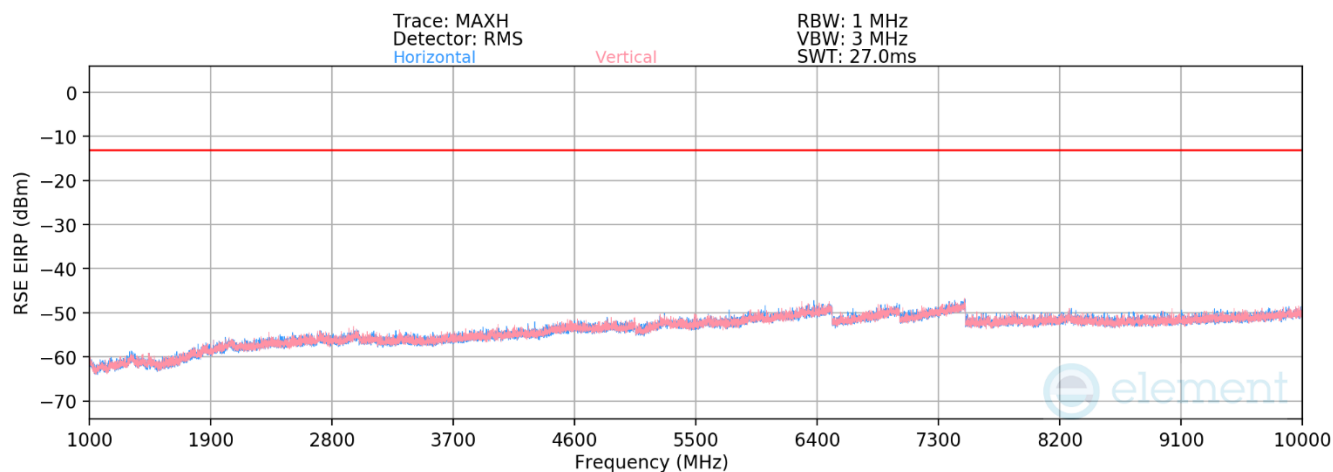
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 333 of 359

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LTE Band 12/17



Plot 7-497. Antenna 3 Radiated Spurious Emission below 1GHz (LTE Band 12/17)



Plot 7-498. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 12/17)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device
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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	-	-	-78.04	-1.01	27.96	-67.30	-13.00	-54.30
2112.0	V	-	-	-77.93	1.72	30.79	-64.47	-13.00	-51.47
2816.0	V	-	-	-78.08	3.07	31.99	-63.27	-13.00	-50.27

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	H	-	-	-78.27	-0.82	27.91	-67.34	-13.00	-54.34
2122.5	V	-	-	-77.82	1.72	30.90	-64.36	-13.00	-51.36
2830.0	H	-	-	-78.32	3.26	31.93	-63.33	-13.00	-50.33

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

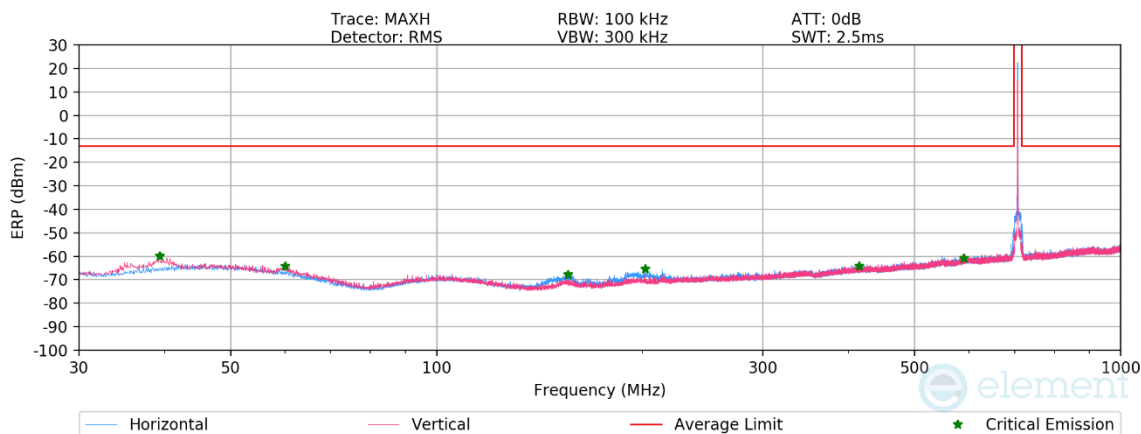
Bandwidth (MHz):	10
Frequency (MHz):	711.0
RB / Offset:	1 / 25

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	-	-	-78.23	-1.86	26.91	-68.35	-13.00	-55.35
2133.0	V	-	-	-77.54	1.72	31.18	-64.07	-13.00	-51.07
2844.0	H	-	-	-78.05	3.07	32.02	-63.23	-13.00	-50.23

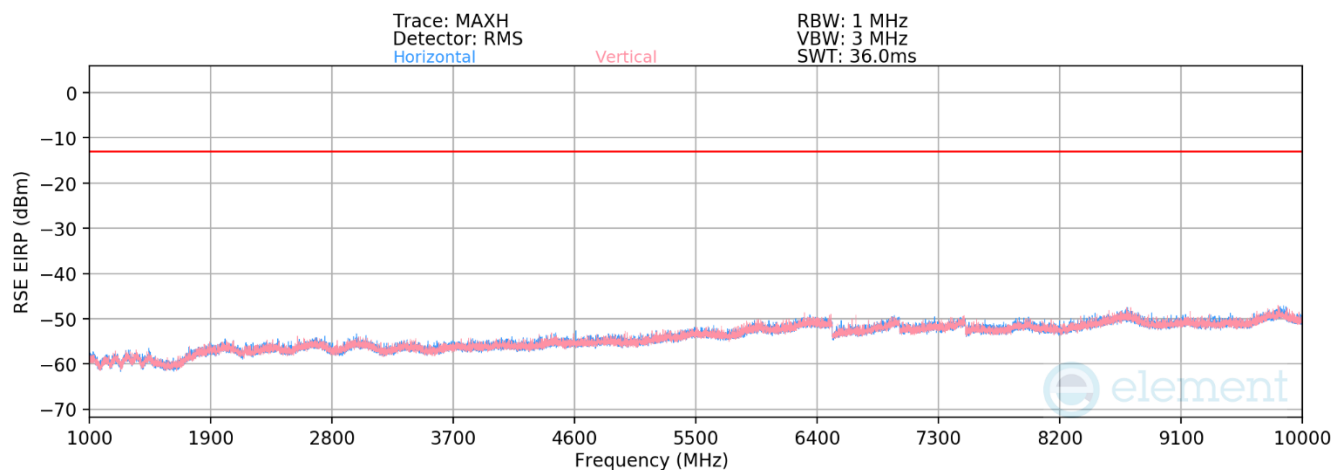
Table 7-87. Antenna 3 Radiated Spurious Data (LTE Band 12/17 – High Channel)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 335 of 359

NR Band n12



Plot 7-499. Antenna 3 Radiated Spurious Emission below 1GHz (NR Band n12)



Plot 7-500. Antenna 3 Radiated Spurious Emission above 1GHz (NR Band n12)

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device		Page 336 of 359

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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	-	-	-71.05	-4.55	31.39	-63.86	-13.00	-50.86
2119.5	H	-	-	-74.19	-0.57	32.23	-63.02	-13.00	-50.02
2826.0	V	-	-	-74.83	0.25	32.42	-62.84	-13.00	-49.84

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	-	-	-70.93	-4.55	31.52	-63.74	-13.00	-50.74
2122.5	V	-	-	-74.16	-0.57	32.27	-62.99	-13.00	-49.99
2830.0	V	-	-	-74.74	0.25	32.51	-62.75	-13.00	-49.75

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

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

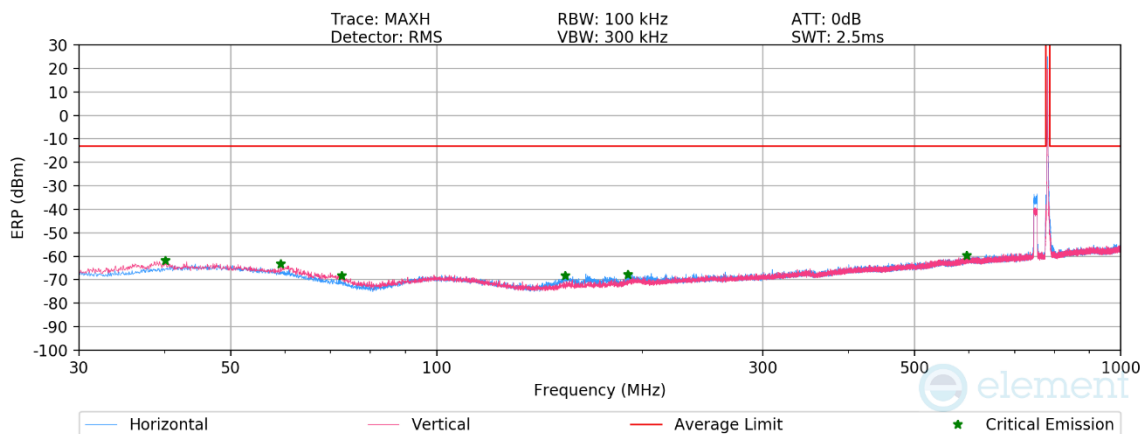
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1417.0	H	-	-	-69.57	-4.55	32.88	-62.38	-13.00	-49.38
2125.5	H	-	-	-73.73	-1.15	32.12	-63.14	-13.00	-50.14
2834.0	V	-	-	-74.70	0.29	32.59	-62.67	-13.00	-49.67

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

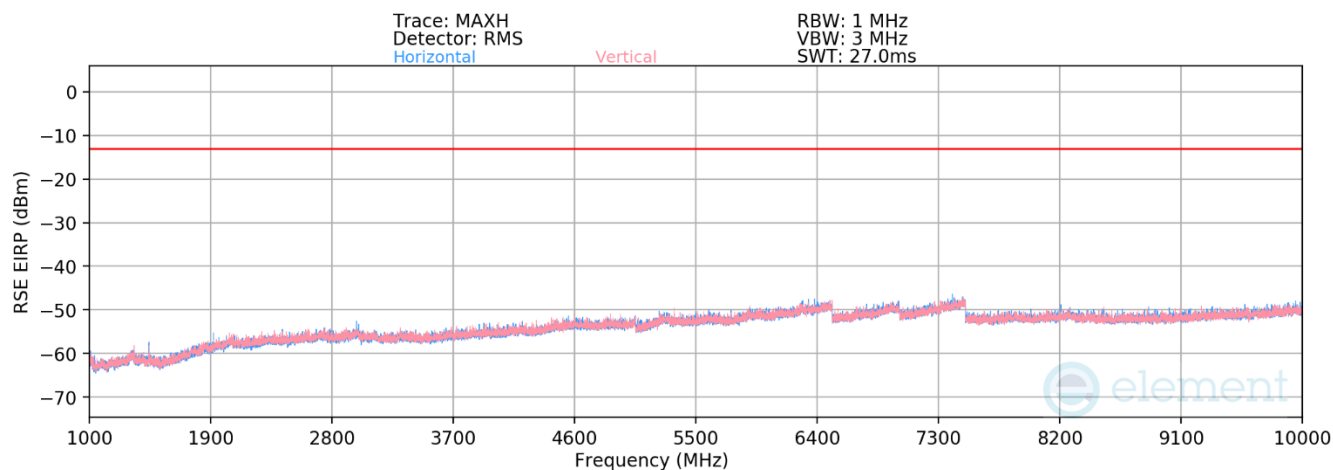
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 13



Plot 7-501. Antenna 3 Radiated Spurious Emission below 1GHz (LTE Band 13)



Plot 7-502. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 13)

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Bandwidth (MHz):	5
Frequency (MHz):	779.5
RB / Offset:	1 / 12

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1559.0	V	-	-	-78.42	-2.21	26.37	-68.89	-40.00	-28.89
2338.5	V	-	-	-77.92	2.75	31.83	-63.43	-13.00	-50.43
3118.0	H	-	-	-78.79	4.79	33.00	-62.26	-13.00	-49.26

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	-	-	-78.25	-2.21	26.54	-68.72	-40.00	-28.72
2346.0	V	-	-	-78.22	2.93	31.70	-63.55	-13.00	-50.55
3128.0	H	-	-	-78.67	4.79	33.12	-62.13	-13.00	-49.13

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	V	-	-	-78.10	-2.21	26.69	-68.57	-40.00	-28.57
2353.5	V	-	-	-77.84	2.75	31.91	-63.35	-13.00	-50.35
3138.0	H	-	-	-78.83	4.79	32.97	-62.29	-13.00	-49.29

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device	Page 339 of 359

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	-	-	-77.01	2.43	32.42	-62.84	-13.00	-49.84
5100.0	V	-	-	-79.02	5.42	33.41	-61.85	-13.00	-48.85
6800.0	V	-	-	-79.74	9.32	36.58	-58.68	-13.00	-45.68

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

Bandwidth (MHz):	15
Frequency (MHz):	1702.5
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]
3405.0	H	-	-	-77.11	2.43	32.32	-62.94	-13.00	-49.94
5107.5	H	-	-	-78.77	5.42	33.65	-61.60	-13.00	-48.60
6810.0	V	-	-	-79.52	9.32	36.80	-58.46	-13.00	-45.46

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	-	-	-77.34	2.43	32.09	-63.17	-13.00	-50.17
5115.0	V	-	-	-78.50	5.31	33.81	-61.45	-13.00	-48.45
6820.0	H	-	-	-80.02	9.90	36.87	-58.38	-13.00	-45.38

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

FCC ID: BCGA3361	 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	-	-	-78.59	3.89	32.31	-62.95	-13.00	-49.95
5137.2	V	-	-	-79.92	8.06	35.14	-60.12	-13.00	-47.12
6849.6	H	-	-	-80.03	10.61	37.59	-57.67	-13.00	-44.67

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	-	-	-78.37	3.84	32.47	-62.79	-13.00	-49.79
5197.8	H	-	-	-79.32	8.22	35.90	-59.36	-13.00	-46.36
6930.4	H	-	-	-79.51	10.77	38.26	-57.00	-13.00	-44.00

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	H	-	-	-78.87	4.09	32.22	-63.04	-13.00	-50.04
5257.8	H	-	-	-79.55	8.84	36.28	-58.98	-13.00	-45.98
7010.4	H	-	-	-79.76	10.35	37.59	-57.67	-13.00	-44.67

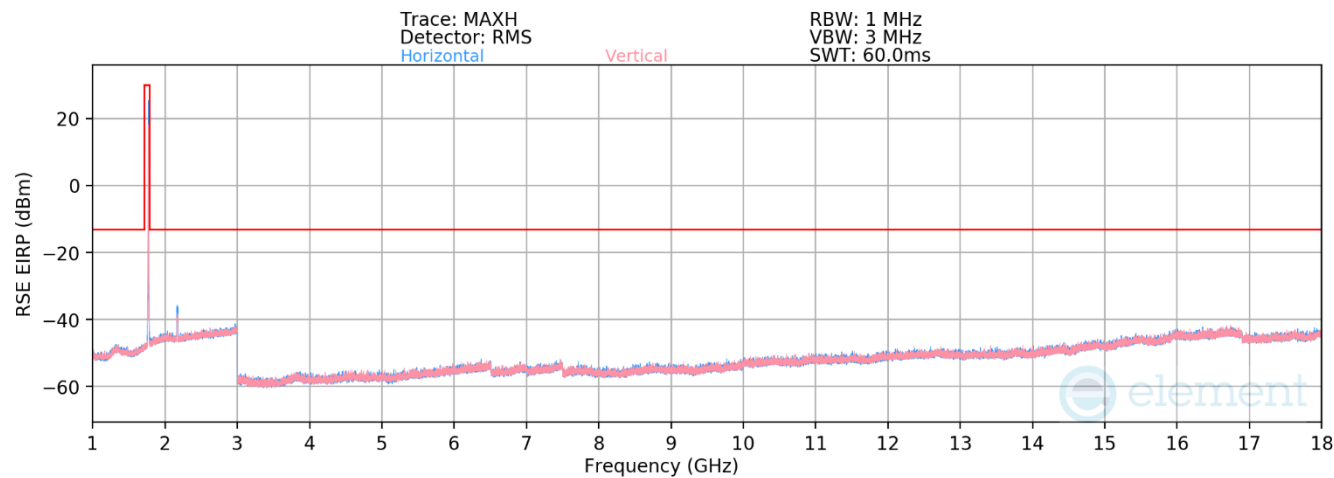
Table 7-99. Antenna 3 Radiated Spurious Data (WCDMA AWS – High Channel)

FCC ID: BCGA3361	 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



Plot 7-503. Antenna 2b Radiated Spurious Emission above 1GHz (LTE Band 66/4)

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170041-09.BCG	Test Dates: 5/12/2025 - 8/7/2025	EUT Type: Tablet Device
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Bandwidth (MHz):	20
Frequency (MHz):	1720.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3440.0	H	-	-	-75.67	0.01	31.33	-63.92	-13.00	-50.92
5160.0	V	-	-	-77.64	3.11	32.48	-62.78	-13.00	-49.78
6880.0	V	-	-	-77.90	5.34	34.45	-60.81	-13.00	-47.81

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	V	-	-	-75.81	0.08	31.27	-63.98	-13.00	-50.98
5235.0	V	278	70	-74.27	3.43	36.16	-59.10	-13.00	-46.10
6980.0	H	-	-	-77.99	5.51	34.52	-60.74	-13.00	-47.74
8725.0	H	-	-	-77.93	5.76	34.83	-60.43	-13.00	-47.43
10470.0	V	-	-	-79.11	9.05	36.94	-58.32	-13.00	-45.32

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

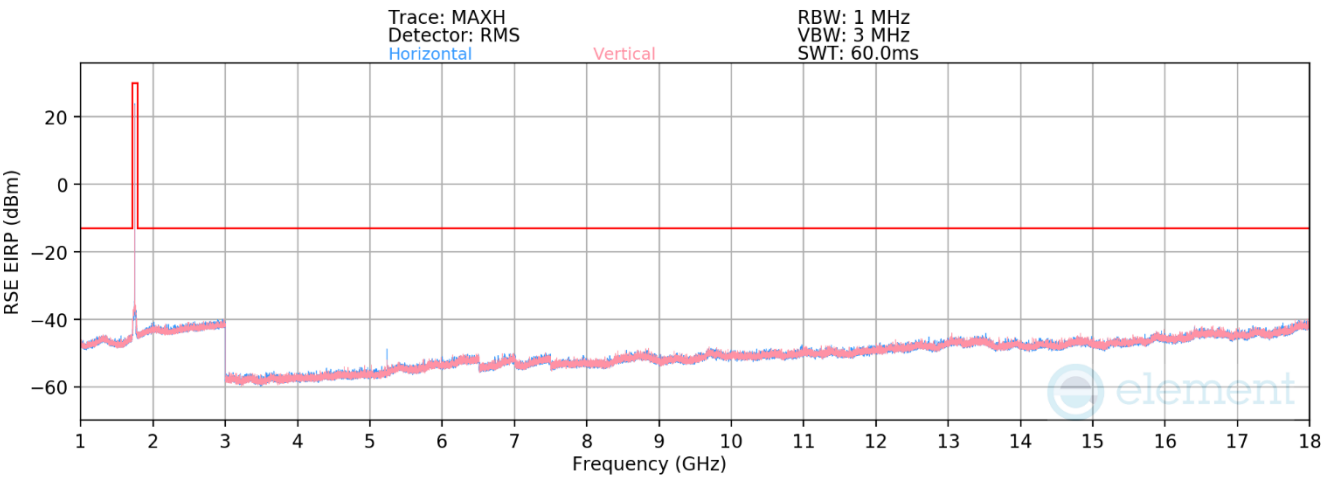
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.0	H	-	-	-76.06	0.27	31.21	-64.05	-13.00	-51.05
5310.0	V	287	97	-73.69	3.38	36.69	-58.57	-13.00	-45.57
7080.0	H	-	-	-78.13	5.56	34.43	-60.82	-13.00	-47.82
8850.0	H	-	-	-77.93	5.89	34.96	-60.29	-13.00	-47.29
10620.0	H	-	-	-79.50	9.20	36.70	-58.56	-13.00	-45.56

Table 7-102. Antenna 2b 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):	1732.5
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.0	V	-	-	-76.90	1.45	31.55	-63.70	-13.00	-50.70
5197.5	V	-	-	-78.48	5.11	33.63	-61.63	-13.00	-48.63
6930.0	V	-	-	-79.81	9.44	36.63	-58.62	-13.00	-45.62

Table 7-103. Antenna 2b Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1745.0
RB / Offset:	1 / 121

Frequency [MHz]	Ant. Pol. [H/V]	Antenna 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	333	122	-73.53	1.32	34.79	-60.47	-13.00	-47.47
5235.0	H	208	155	-71.82	5.04	40.22	-55.04	-13.00	-42.04
6980.0	H	-	-	-79.43	9.48	37.05	-58.21	-13.00	-45.21
8725.0	V	-	-	-79.44	10.44	38.00	-57.25	-13.00	-44.25
10470.0	V	-	-	-79.80	11.83	39.03	-56.23	-13.00	-43.23

Table 7-104. Antenna 2b Radiated Spurious Data (NR Band n66 – Mid Channel)

Bandwidth (MHz):	45
Frequency (MHz):	1757.5
RB / Offset:	1 / 121

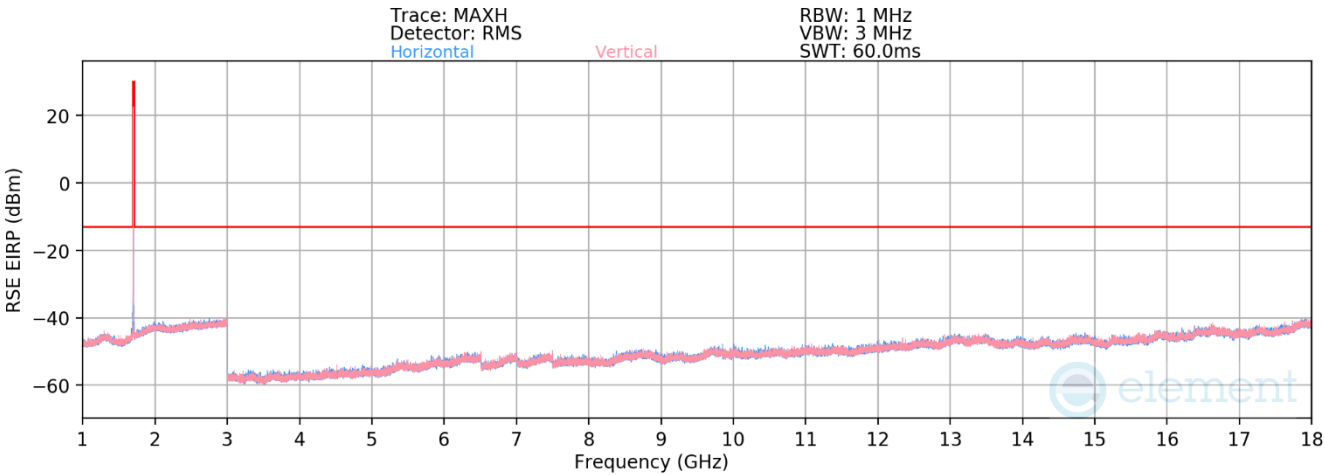
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3515.0	H	-	-	-76.24	0.22	30.98	-64.28	-13.00	-51.28
5272.5	V	-	-	-77.45	3.34	32.89	-62.37	-13.00	-49.37
7030.0	H	-	-	-78.19	5.66	34.46	-60.79	-13.00	-47.79

Table 7-105. Antenna 2b Radiated Spurious Data (NR Band n66 – High Channel)

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NR Band n70



Plot 7-505. Antenna 2b Radiated Spurious Emission above 1GHz (NR Band n70)

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Bandwidth (MHz):	10
Frequency (MHz):	1700.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3400.0	V	-	-	-77.10	2.43	32.33	-62.92	-13.00	-49.92
5100.0	V	293	22	-72.78	5.53	39.76	-55.50	-13.00	-42.50
6800.0	H	-	-	-79.96	9.32	36.36	-58.90	-13.00	-45.90
8500.0	V	-	-	-79.61	9.70	37.09	-58.17	-13.00	-45.17
10200.0	V	-	-	-80.42	11.96	38.54	-56.72	-13.00	-43.72

Table 7-106. Antenna 2b Radiated Spurious Data (NR Band n70 – Low Channel)

Bandwidth (MHz):	15
Frequency (MHz):	1702.5
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]
3405.0	V	-	-	-77.45	2.43	31.99	-63.27	-13.00	-50.27
5107.5	V	276	19	-73.02	5.50	39.48	-55.78	-13.00	-42.78
6810.0	H	-	-	-79.45	9.32	36.86	-58.39	-13.00	-45.39
8512.5	H	-	-	-79.76	9.80	37.04	-58.22	-13.00	-45.22
10215.0	H	-	-	-80.93	11.96	38.03	-57.23	-13.00	-44.23

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	-	-	-77.32	2.43	32.11	-63.15	-13.00	-50.15
5115.0	V	294	19	-73.20	5.42	39.22	-56.04	-13.00	-43.04
6820.0	V	-	-	-80.17	9.90	36.73	-58.53	-13.00	-45.53
8525.0	H	-	-	-79.76	9.70	36.94	-58.32	-13.00	-45.32
10230.0	V	-	-	-80.42	11.79	38.38	-56.88	-13.00	-43.88

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	-	-	-78.74	4.03	32.29	-62.97	-13.00	-49.97
5137.2	V	-	-	-79.52	7.70	35.18	-60.08	-13.00	-47.08
6849.6	V	-	-	-80.18	10.76	37.58	-57.68	-13.00	-44.68

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	-	-	-78.29	3.71	32.43	-62.83	-13.00	-49.83
5197.8	H	-	-	-79.48	8.22	35.74	-59.52	-13.00	-46.52
6930.4	V	-	-	-79.74	10.77	38.03	-57.23	-13.00	-44.23

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	-	-	-78.58	4.09	32.51	-62.75	-13.00	-49.75
5257.8	H	-	-	-79.66	8.84	36.17	-59.08	-13.00	-46.08
7010.4	V	-	-	-80.03	10.58	37.54	-57.72	-13.00	-44.72

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

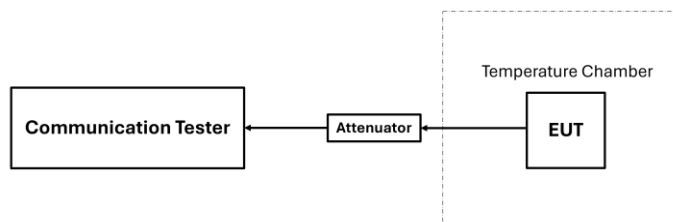


Figure 7-13. LTE Test Instrument & Measurement Setup

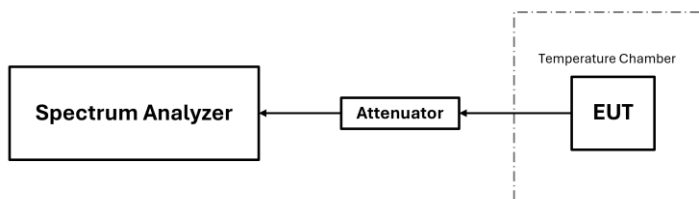


Figure 7-14. FR1 Test Instrument & Measurement Setup

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	1.71084351	-0.00084351
		- 20	1.71031267	-0.00031267
		- 10	1.71068426	-0.00068426
		0	1.71009753	-0.00009753
		+ 10	1.71053413	-0.00053413
		+ 20 (Ref)	1.71040128	-0.00040128
		+ 30	1.71023980	-0.00023980
		+ 40	1.71075063	-0.00075063
		+ 50	1.71018600	-0.00018600
Battery Endpoint	3.40	+ 20	1.71062847	-0.00062847

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	1.77981236	-0.00018764
		- 20	1.77930158	-0.00069842
		- 10	1.77909473	-0.00090527
		0	1.77966416	-0.00033585
		+ 10	1.77947129	-0.00052871
		+ 20 (Ref)	1.77920515	-0.00079485
		+ 30	1.77973860	-0.00026140
		+ 40	1.77912683	-0.00087317
		+ 50	1.77956691	-0.00043309
Battery Endpoint	3.40	+ 20	1.77939205	-0.00060795

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	0.66373522	-0.00073522
		- 20	0.66328150	-0.00028150
		- 10	0.66348210	-0.00048210
		0	0.66384167	-0.00084167
		+ 10	0.66309438	-0.00009438
		+ 20 (Ref)	0.66367150	-0.00067150
		+ 30	0.66331481	-0.00031481
		+ 40	0.66355714	-0.00055714
		+ 50	0.66318926	-0.00018926
Battery Endpoint	3.40	+ 20	0.66379241	-0.00079240

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	0.69781241	-0.00018759
		- 20	0.69712379	-0.00087621
		- 10	0.69760819	-0.00039181
		0	0.69732955	-0.00067045
		+ 10	0.69705891	-0.00094109
		+ 20 (Ref)	0.69777462	-0.00022538
		+ 30	0.69728517	-0.00071483
		+ 40	0.69744659	-0.00055341
		+ 50	0.69703523	-0.00096477
Battery Endpoint	3.40	+ 20	0.69769780	-0.00030220

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	0.69983220	-0.00183220
		- 20	0.69927452	-0.00127452
		- 10	0.69960145	-0.00160145
		0	0.69912890	-0.00112890
		+ 10	0.69951276	-0.00151276
		+ 20 (Ref)	0.69935763	-0.00135763
		+ 30	0.69906312	-0.00106312
		+ 40	0.69970044	-0.00170044
		+ 50	0.69984539	-0.00184539
Battery Endpoint	3.40	+ 20	0.69942011	-0.00142011

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	0.71586513	-0.00013487
		- 20	0.71534151	-0.00065849
		- 10	0.71578269	-0.00021731
		0	0.71547920	-0.00052080
		+ 10	0.71516898	-0.00083102
		+ 20 (Ref)	0.71526541	-0.00073459
		+ 30	0.71503911	-0.00096089
		+ 40	0.71560127	-0.00039873
		+ 50	0.71570835	-0.00029165
Battery Endpoint	3.40	+ 20	0.71518295	-0.00081705

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	0.77782461	-0.00082461
		- 20	0.77723758	-0.00023758
		- 10	0.77769345	-0.00069345
		0	0.77708133	-0.00008133
		+ 10	0.77750178	-0.00050178
		+ 20 (Ref)	0.77733726	-0.00033726
		+ 30	0.77714851	-0.00014851
		+ 40	0.77775992	-0.00075992
		+ 50	0.77761380	-0.00061380
Battery Endpoint	3.40	+ 20	0.77741209	-0.00041209

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	0.78618743	-0.00081257
		- 20	0.78683422	-0.00016578
		- 10	0.78660159	-0.00039841
		0	0.78629315	-0.00070685
		+ 10	0.78604289	-0.00095711
		+ 20 (Ref)	0.78673901	-0.00026099
		+ 30	0.78638722	-0.00061278
		+ 40	0.78612765	-0.00087235
		+ 50	0.78667754	-0.00032246
Battery Endpoint	3.40	+ 20	0.78652369	-0.00047631

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	1.71057484	-0.00057484
		- 20	1.71022107	-0.00022107
		- 10	1.71069520	-0.00069520
		0	1.71031266	-0.00031266
		+ 10	1.71086615	-0.00086615
		+ 20 (Ref)	1.71015738	-0.00015738
		+ 30	1.71048192	-0.00048192
		+ 40	1.71060924	-0.00060924
		+ 50	1.71077750	-0.00077750
Battery Endpoint	3.40	+ 20	1.71009816	-0.00009816

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	1.77930515	-0.00069485
		- 20	1.77987054	-0.00012946
		- 10	1.77943671	-0.00056329
		0	1.77913491	-0.00086509
		+ 10	1.77965923	-0.00034077
		+ 20 (Ref)	1.77905782	-0.00094218
		+ 30	1.77977417	-0.00022583
		+ 40	1.77924239	-0.00075761
		+ 50	1.77953080	-0.00046920
Battery Endpoint	3.40	+ 20	1.77938869	-0.00061131

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	1.69532815	-0.00032815
		- 20	1.69586925	-0.00086925
		- 10	1.69512793	-0.00012793
		0	1.69545231	-0.00045231
		+ 10	1.69576309	-0.00076309
		+ 20 (Ref)	1.69521876	-0.00021876
		+ 30	1.69559013	-0.00059013
		+ 40	1.69570152	-0.00070152
		+ 50	1.69503850	-0.00003850
Battery Endpoint	3.40	+ 20	1.69564481	-0.00064481

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	1.70905672	-0.00094328
		- 20	1.70948230	-0.00051770
		- 10	1.70979910	-0.00020090
		0	1.70915926	-0.00084074
		+ 10	1.70961245	-0.00038755
		+ 20 (Ref)	1.70909088	-0.00090912
		+ 30	1.70930359	-0.00069641
		+ 40	1.70973197	-0.00026803
		+ 50	1.70920532	-0.00079468
Battery Endpoint	3.40	+ 20	1.70954789	-0.00045211

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	0.66317453	-0.00017453
		- 20	0.66378236	-0.00078236
		- 10	0.66332819	-0.00032819
		0	0.66304852	-0.00004852
		+ 10	0.66368914	-0.00068914
		+ 20 (Ref)	0.66351033	-0.00051033
		+ 30	0.66383190	-0.00083190
		+ 40	0.66324311	-0.00024311
		+ 50	0.66360578	-0.00060578
Battery Endpoint	3.40	+ 20	0.66339281	-0.00039281

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	0.69781965	-0.00018035
		- 20	0.69750214	-0.00049786
		- 10	0.69728432	-0.00071568
		0	0.69763921	-0.00036079
		+ 10	0.69712181	-0.00087819
		+ 20 (Ref)	0.69777345	-0.00022655
		+ 30	0.69739603	-0.00060397
		+ 40	0.69705527	-0.00094473
		+ 50	0.69768899	-0.00031101
Battery Endpoint	3.40	+ 20	0.69720815	-0.00079185

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	0.69921478	-0.00021478
		- 20	0.69972841	-0.00072841
		- 10	0.69908266	-0.00008266
		0	0.69960144	-0.00060144
		+ 10	0.69931087	-0.00031087
		+ 20 (Ref)	0.69947528	-0.00047528
		+ 30	0.69984514	-0.00084514
		+ 40	0.69914321	-0.00014321
		+ 50	0.69939276	-0.00039276
Battery Endpoint	3.40	+ 20	0.69965499	-0.00065499

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	0.71536187	-0.00063813
		- 20	0.71518454	-0.00081546
		- 10	0.71568924	-0.00031076
		0	0.71507831	-0.00092169
		+ 10	0.71582746	-0.00017254
		+ 20 (Ref)	0.71545620	-0.00054380
		+ 30	0.71523807	-0.00076193
		+ 40	0.71579436	-0.00020564
		+ 50	0.71510672	-0.00089328
Battery Endpoint	3.40	+ 20	0.71561285	-0.00038715

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	1.71051820	-0.00051820
		- 20	1.71082357	-0.00082357
		- 10	1.71026531	-0.00026531
		0	1.71067643	-0.00067643
		+ 10	1.71039715	-0.00039715
		+ 20 (Ref)	1.71010387	-0.00010387
		+ 30	1.71073842	-0.00073842
		+ 40	1.71018310	-0.00018310
		+ 50	1.71059263	-0.00059263
Battery Endpoint	3.40	+ 20	1.71034987	-0.00034987

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	1.75424632	-0.00075368
		- 20	1.75452186	-0.00047814
		- 10	1.75410749	-0.00089251
		0	1.75488215	-0.00011785
		+ 10	1.75476430	-0.00023570
		+ 20 (Ref)	1.75462358	-0.00037642
		+ 30	1.75418305	-0.00081695
		+ 40	1.75433729	-0.00066271
		+ 50	1.75443571	-0.00056429
Battery Endpoint	3.40	+ 20	1.75470899	-0.00029101

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: BCGA3361** complies with all the requirements of Part 27 of the FCC rules.

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