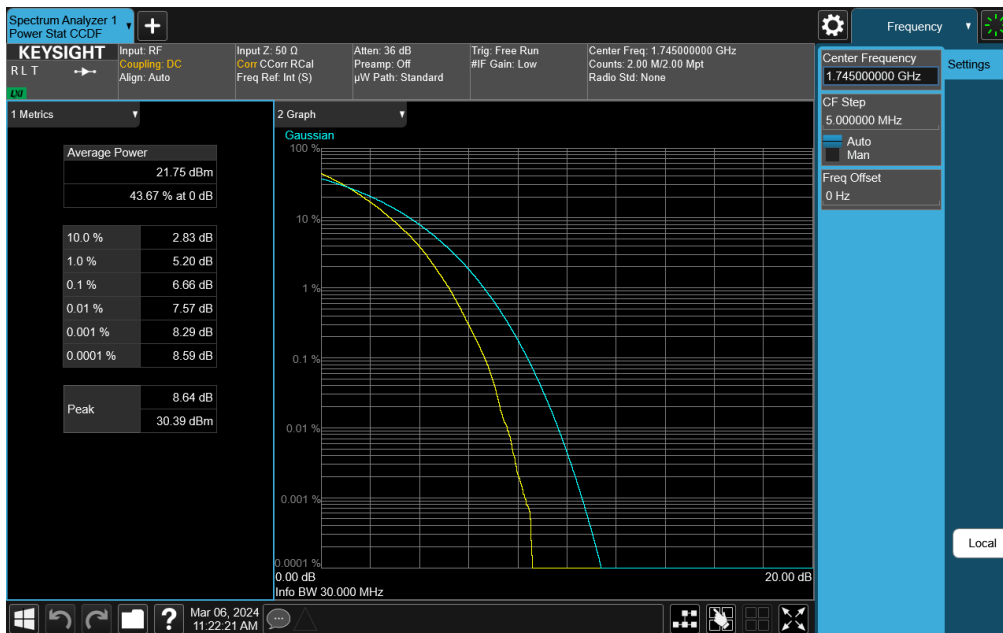
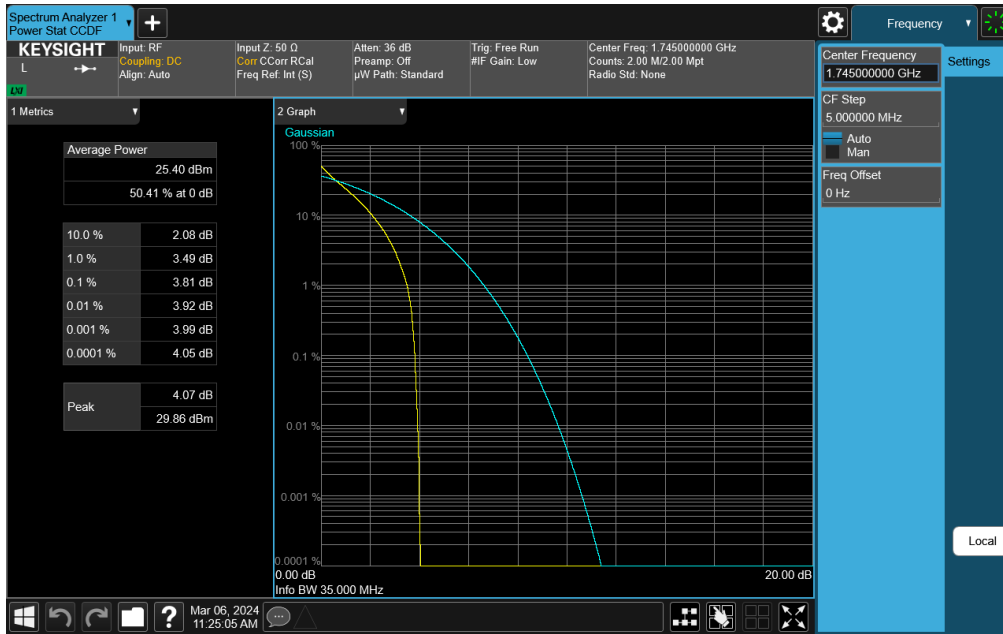


Plot 7-450. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM 64-QAM - Full RB)

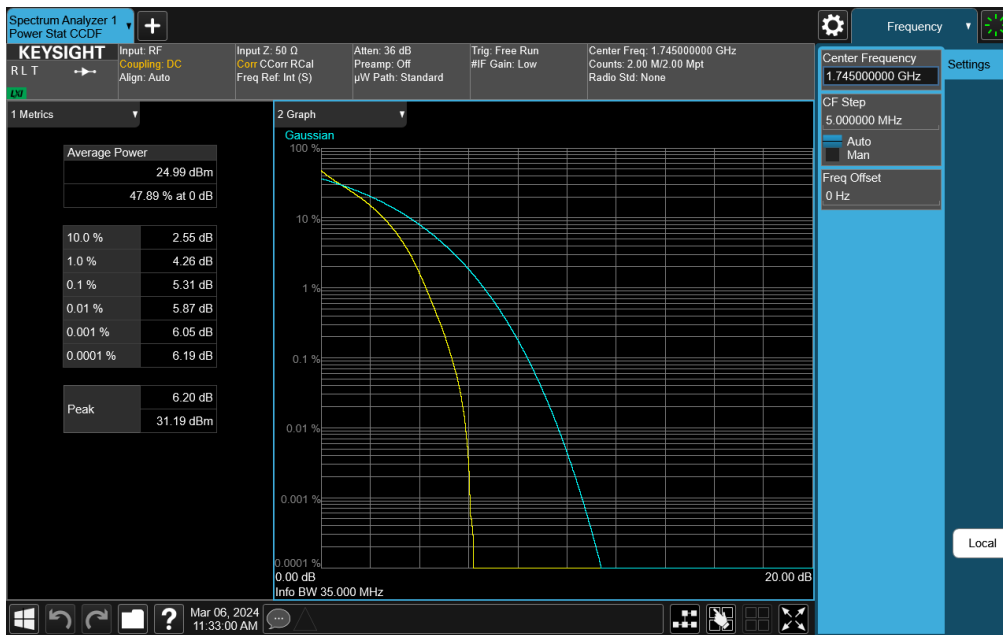


Plot 7-451. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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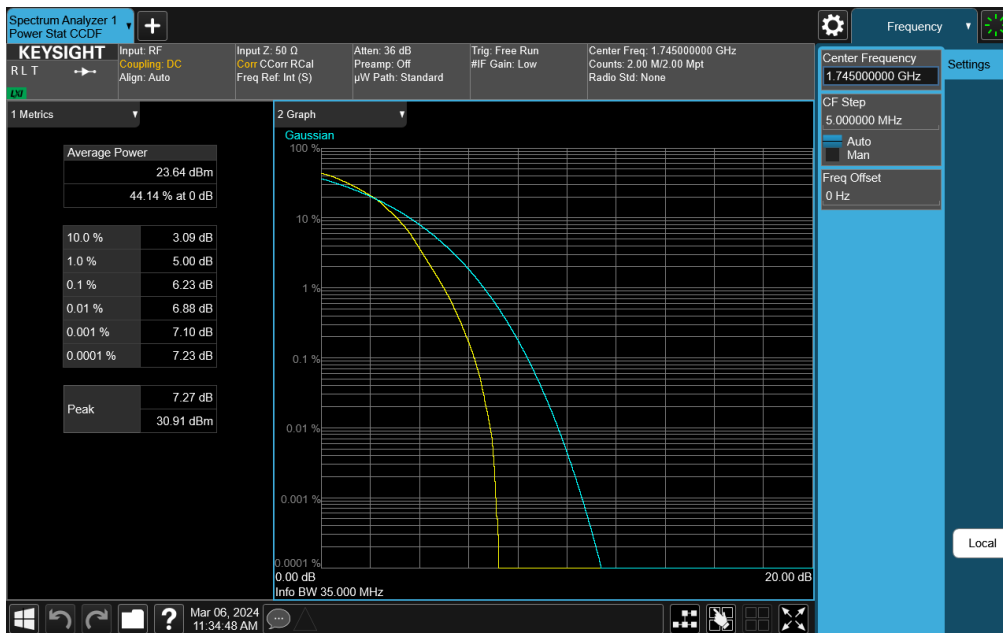
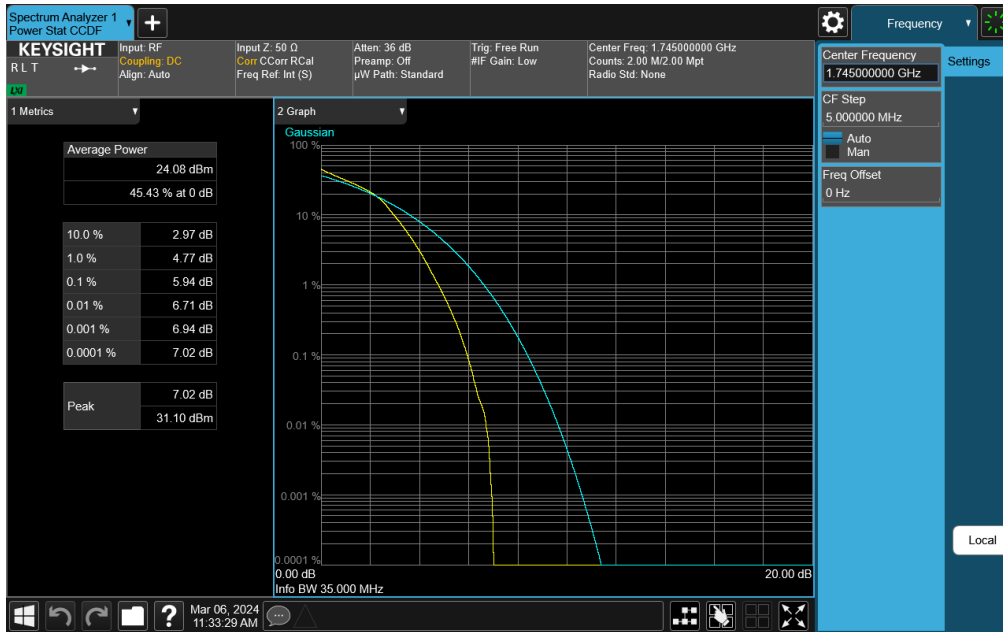


Plot 7-452. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

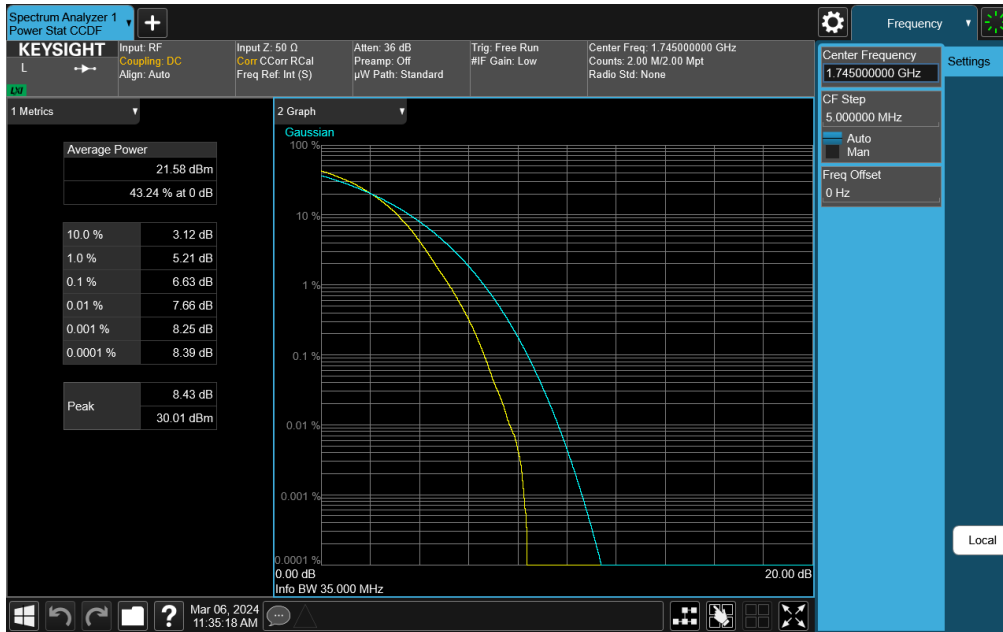


Plot 7-453. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM QPSK - Full RB)

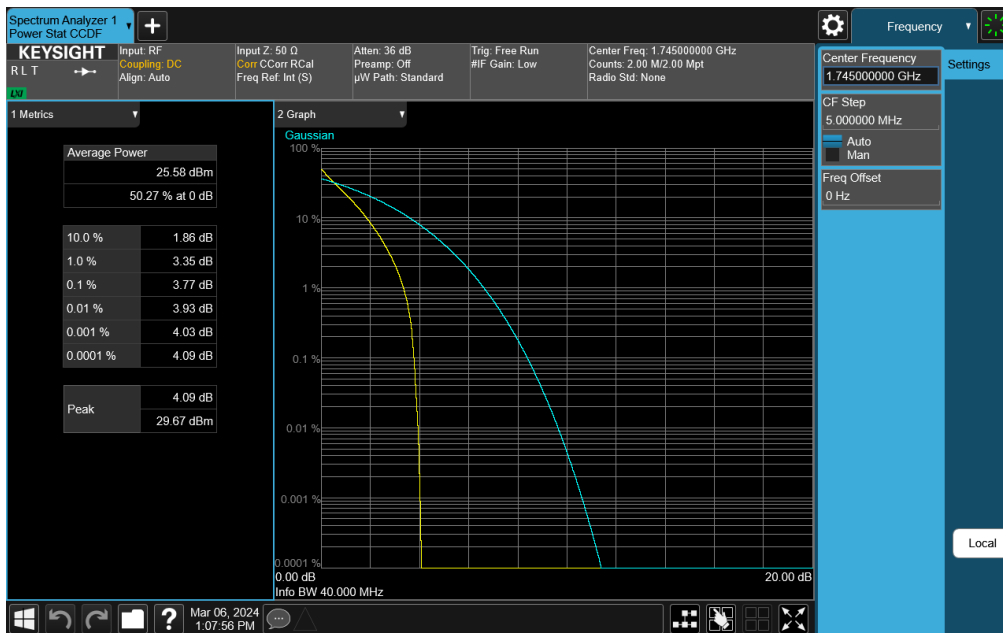
FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device
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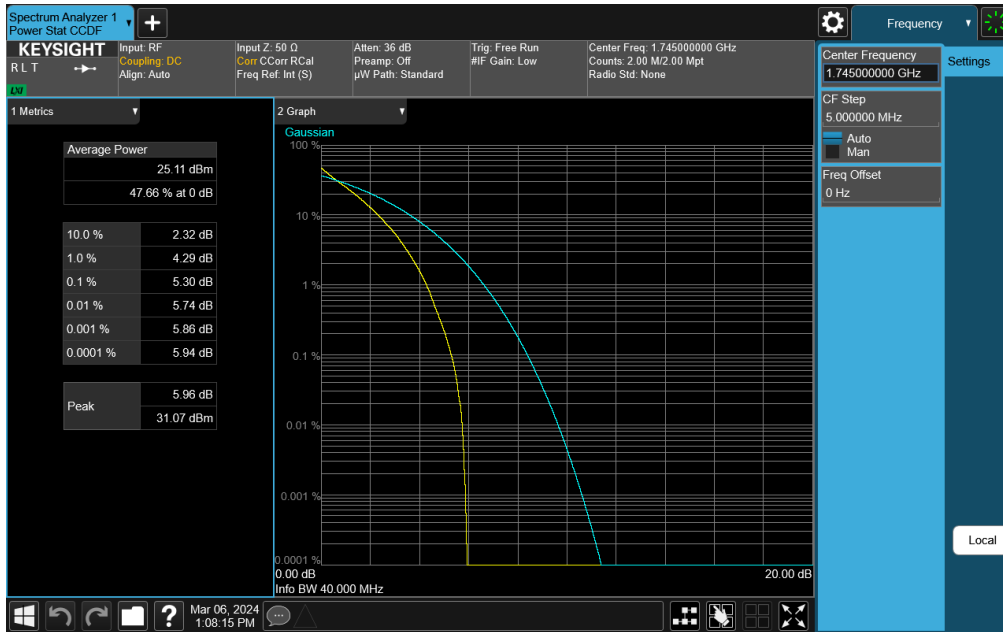


Plot 7-456. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM 256-QAM - Full RB)

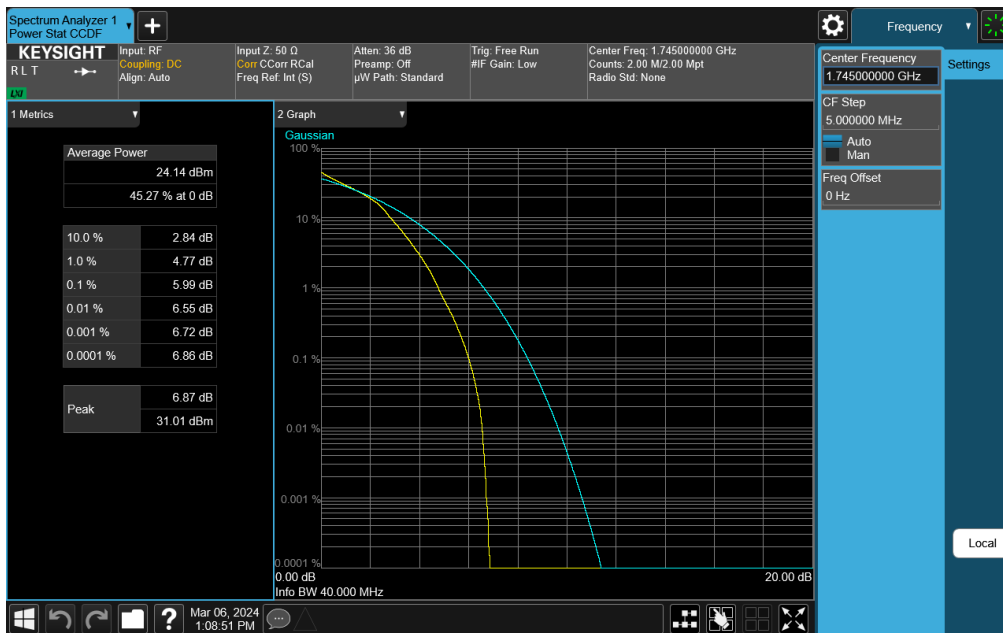


Plot 7-457. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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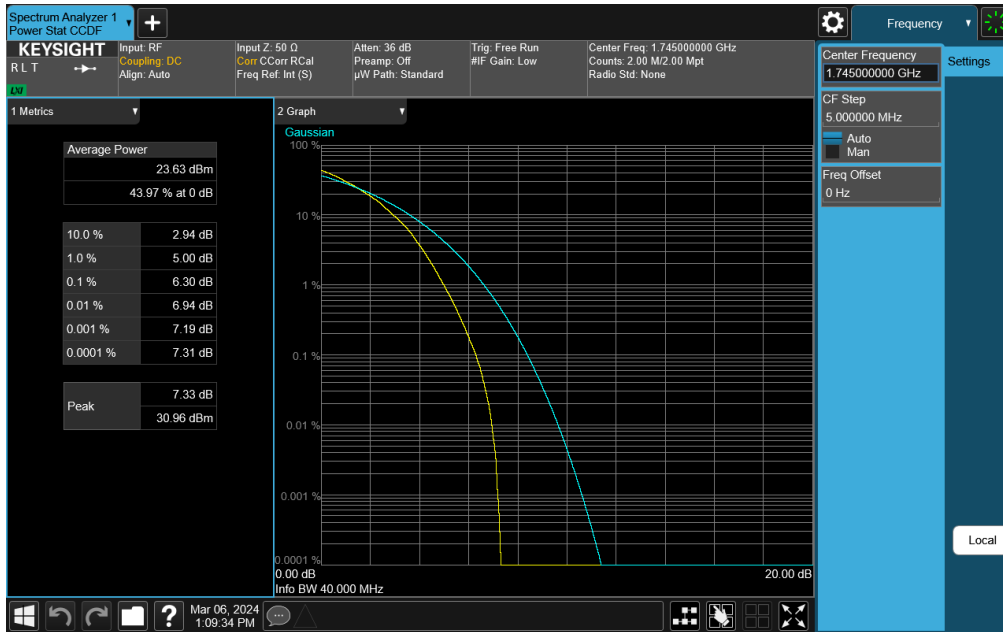


Plot 7-458. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM QPSK - Full RB)

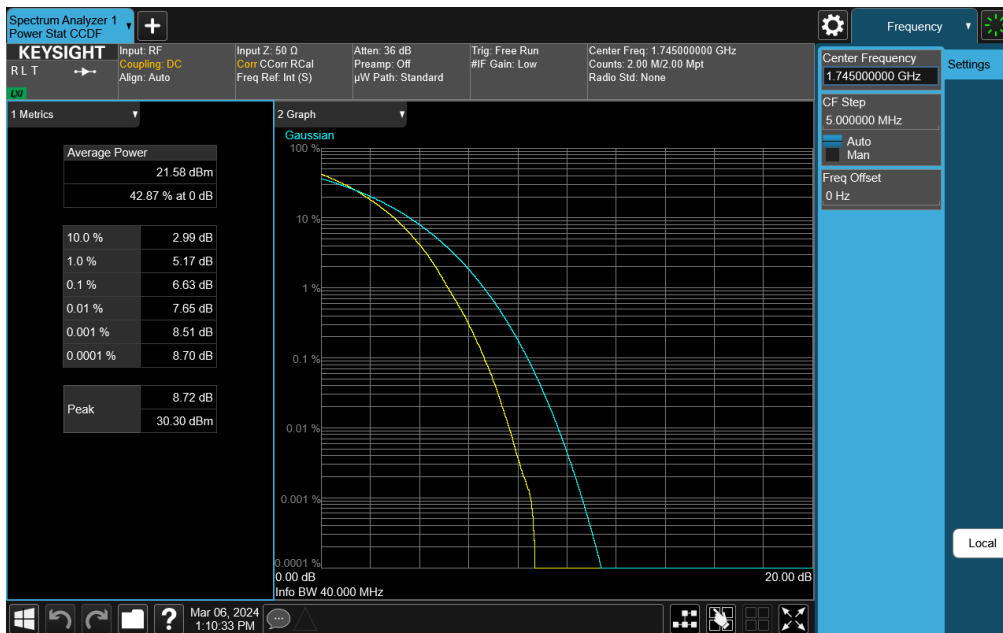


Plot 7-459. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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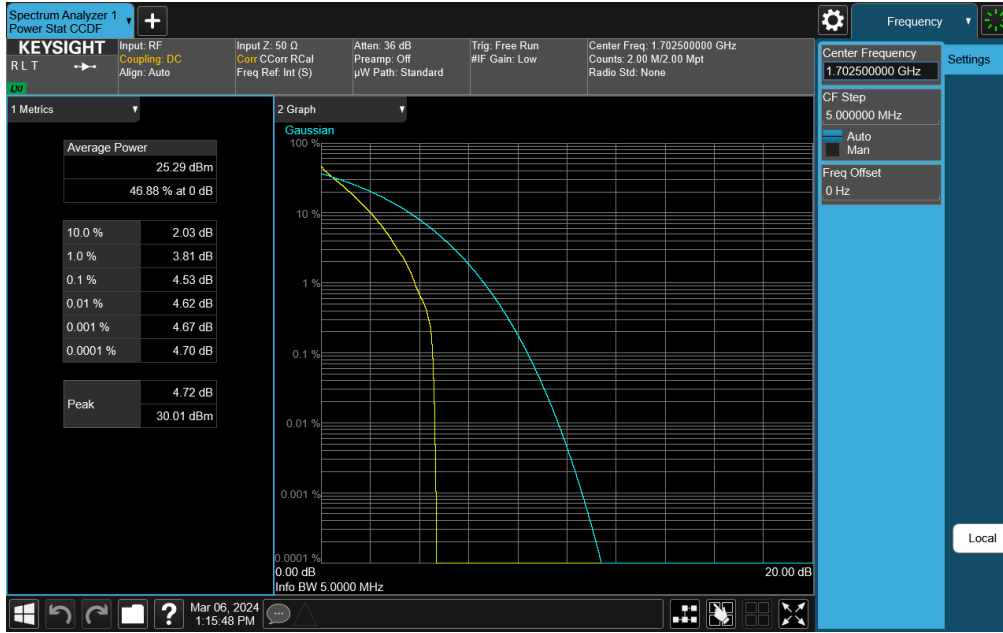
Plot 7-460. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM 64-QAM - Full RB)



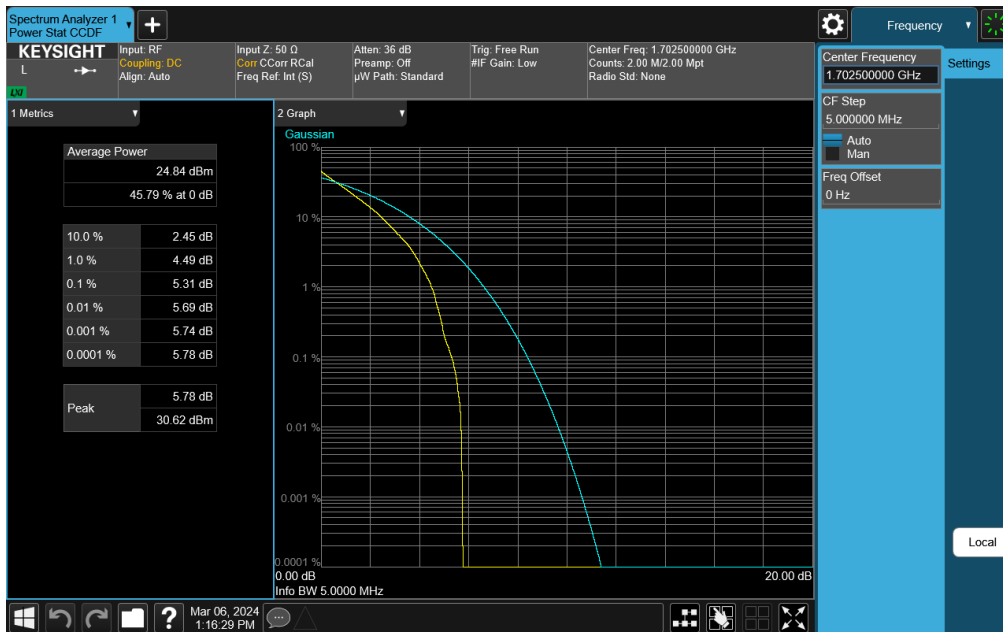
Plot 7-461. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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NR Band n70



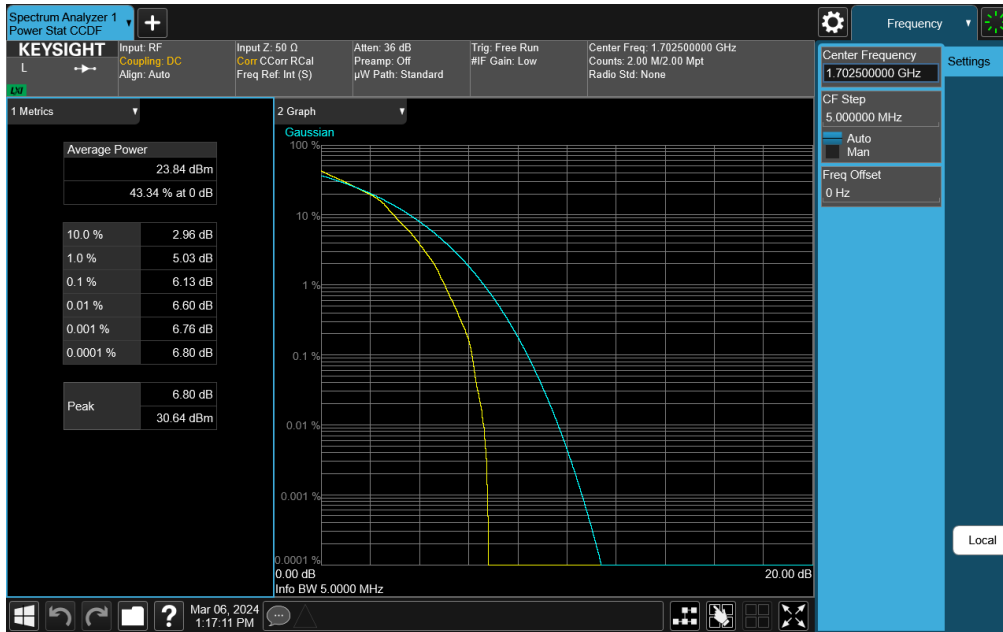
Plot 7-462. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



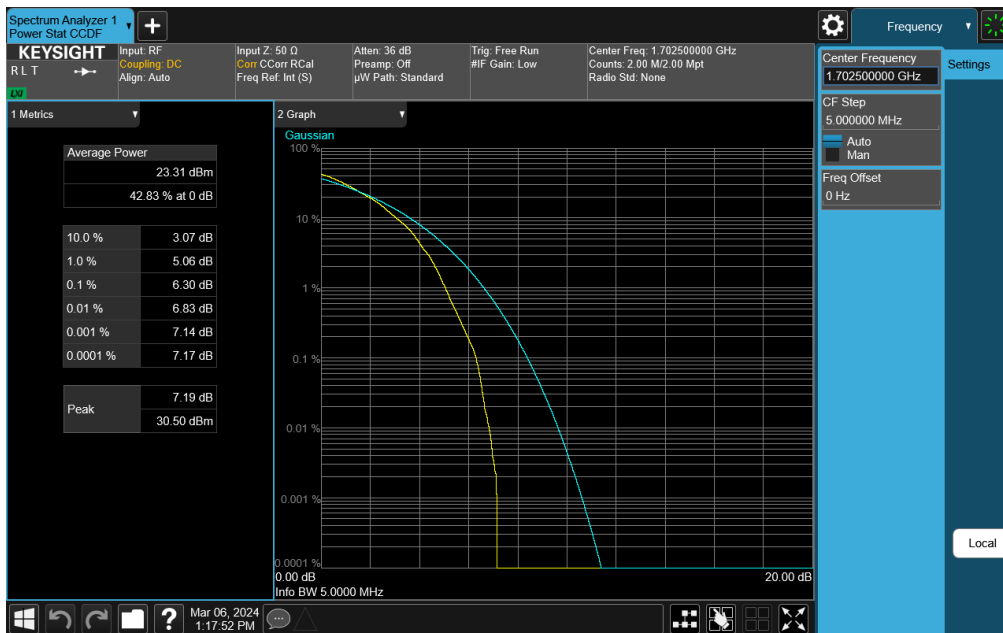
Plot 7-463. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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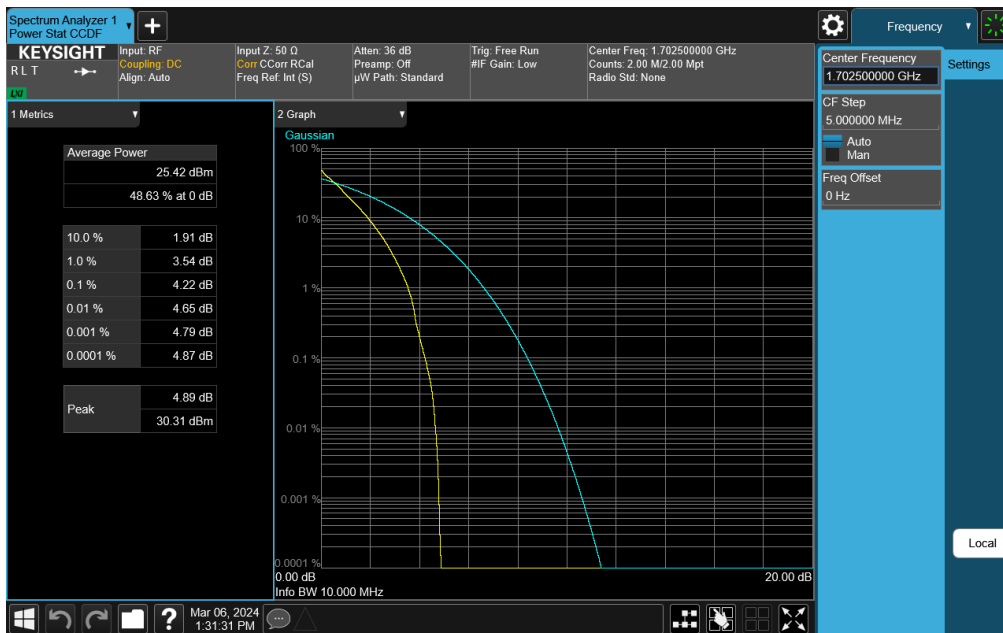
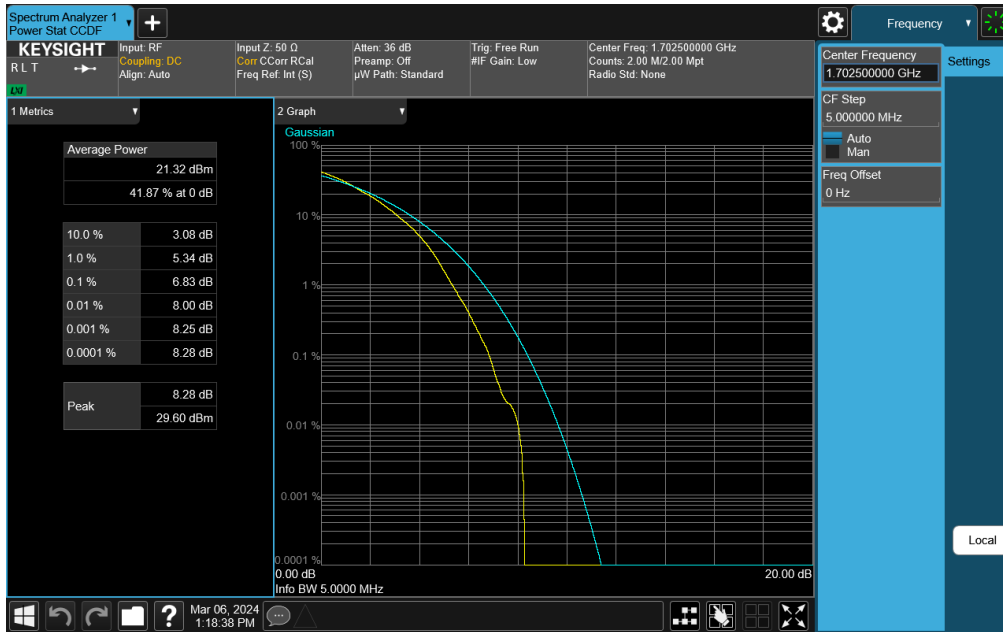


Plot 7-464. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM 16-QAM - Full RB)



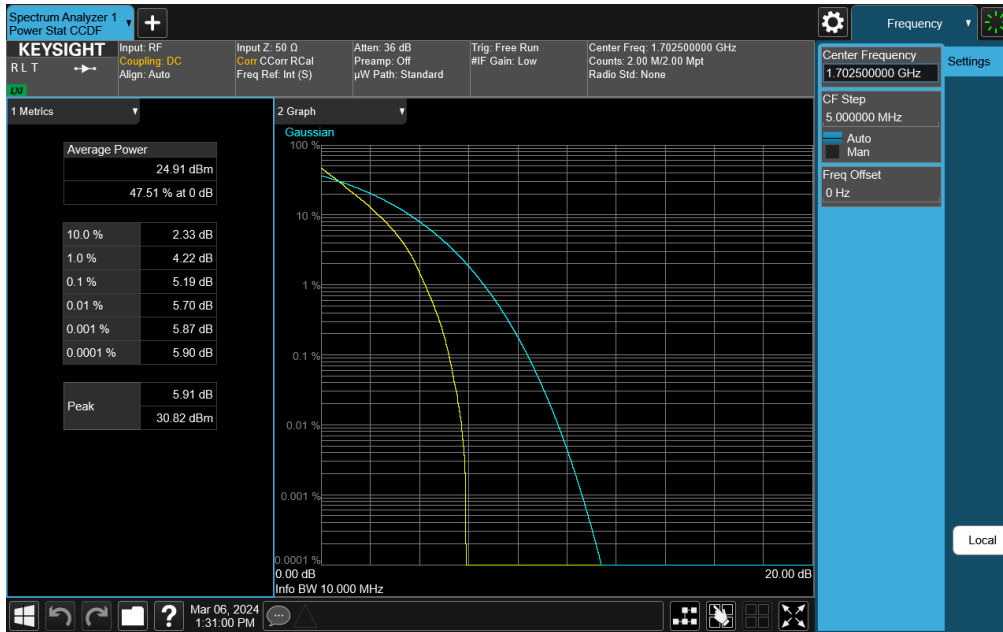
Plot 7-465. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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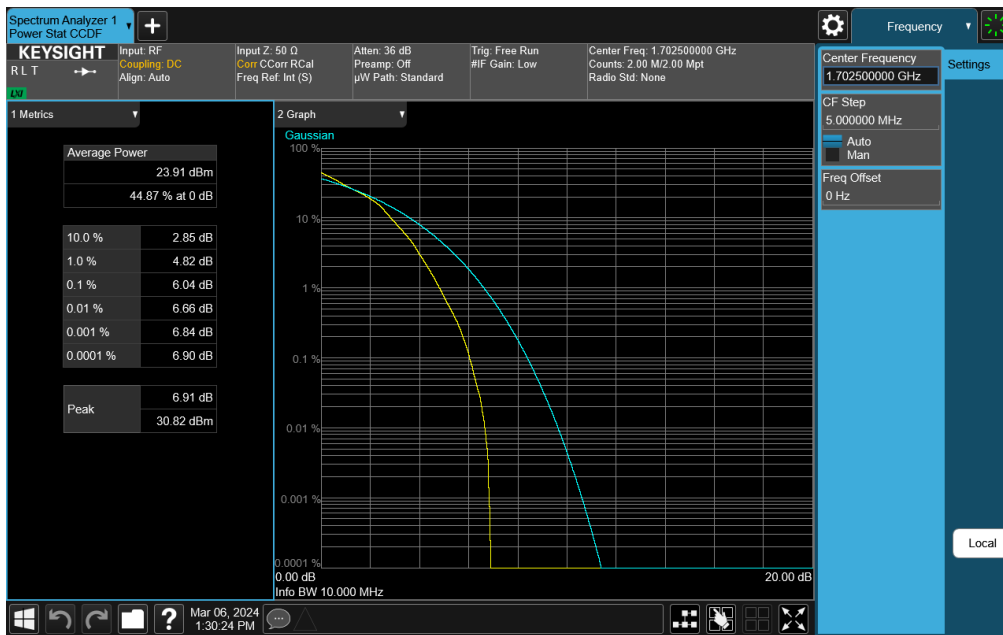


Plot 7-467. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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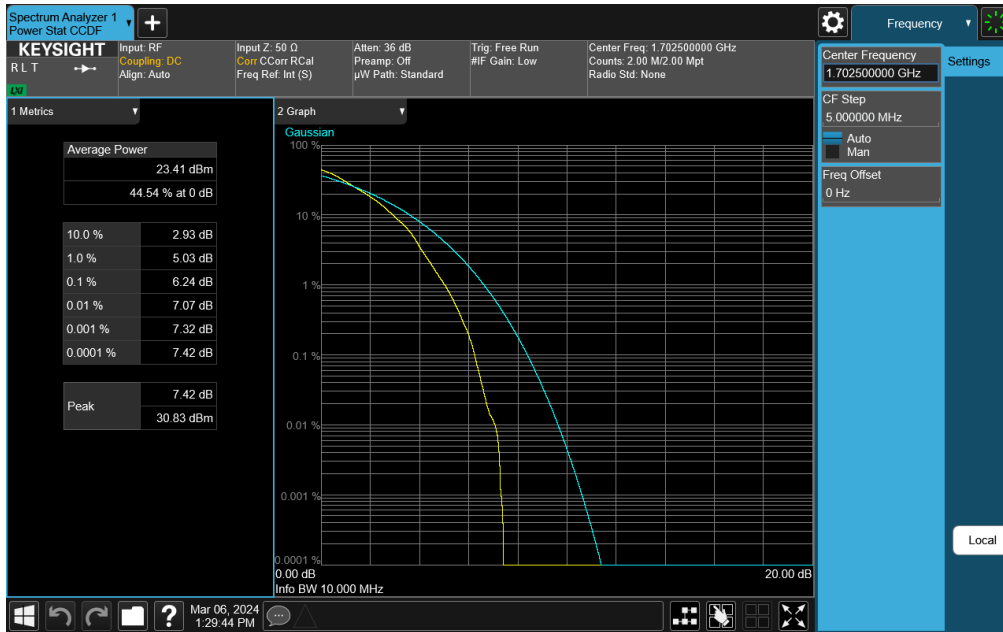


Plot 7-468. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM QPSK - Full RB)

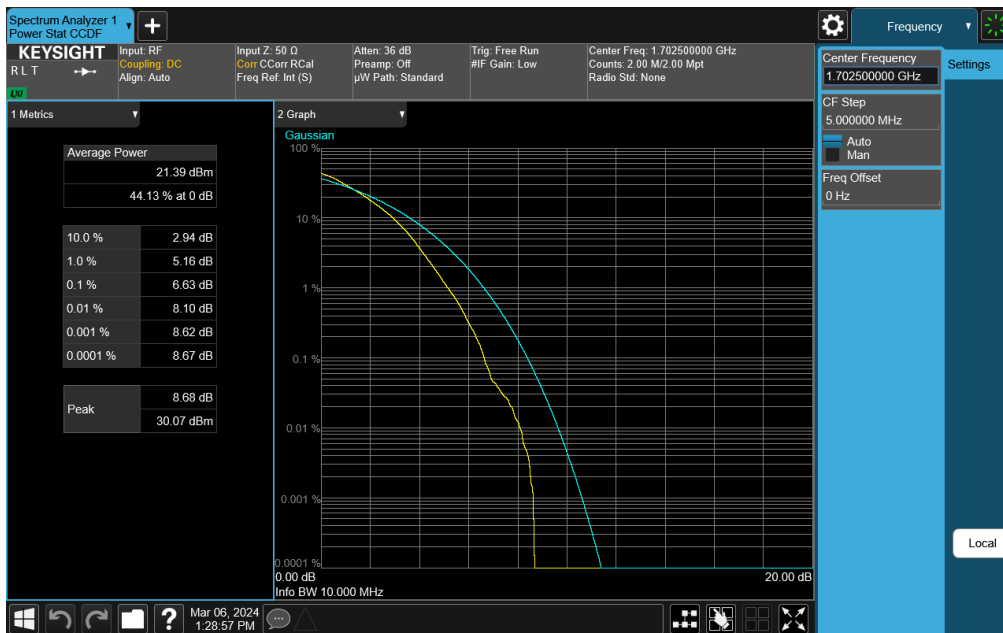


Plot 7-469. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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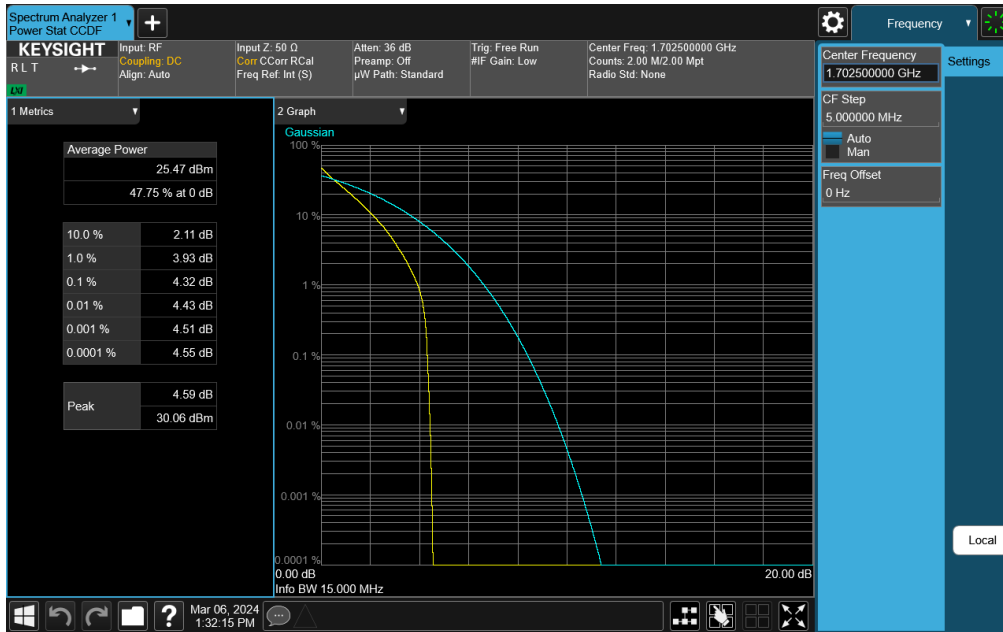


Plot 7-470. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 64-QAM - Full RB)

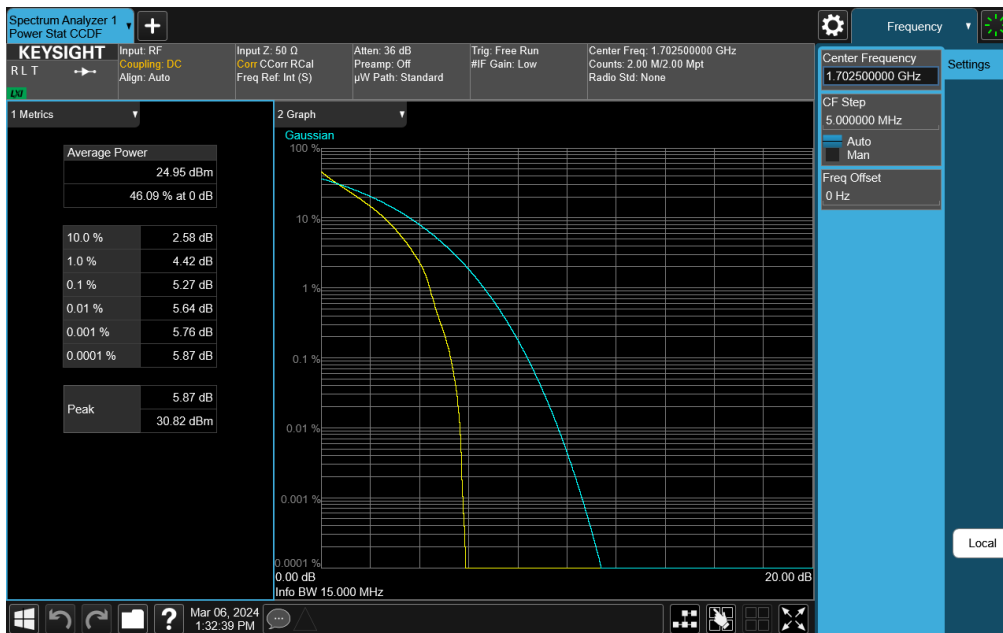


Plot 7-471. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device
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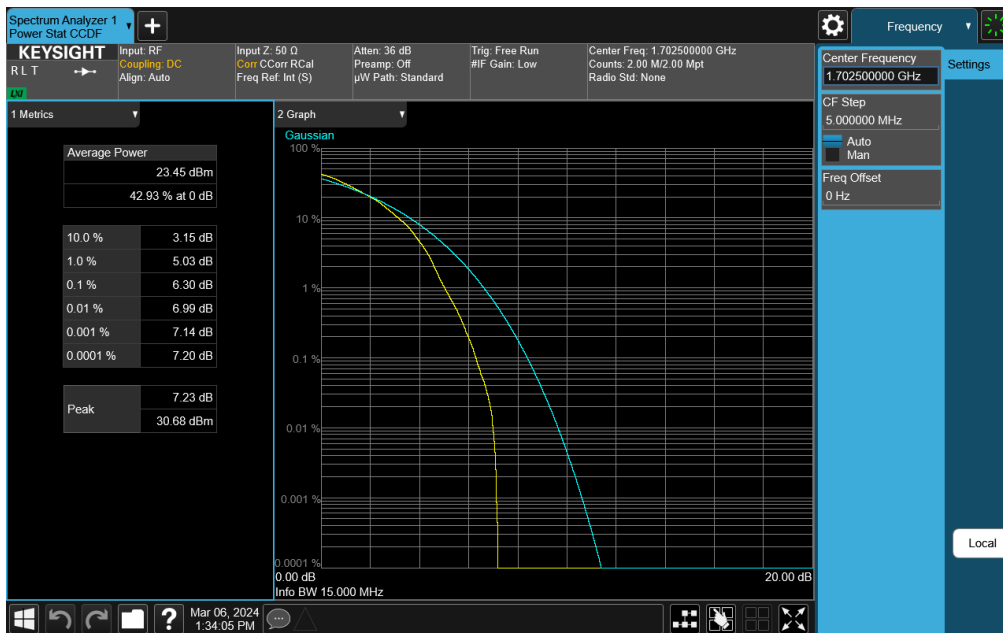
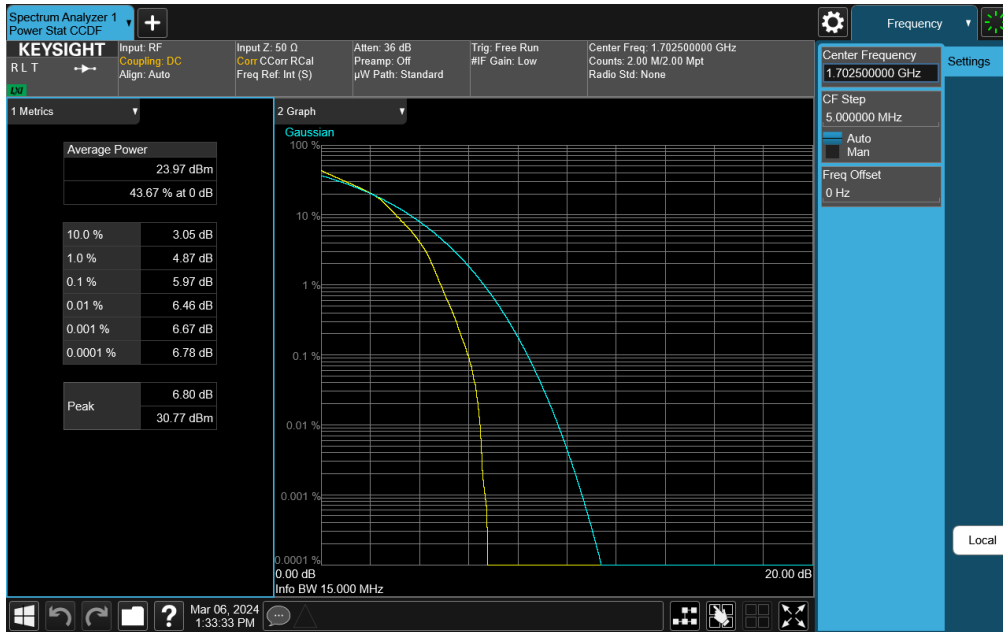


Plot 7-472. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

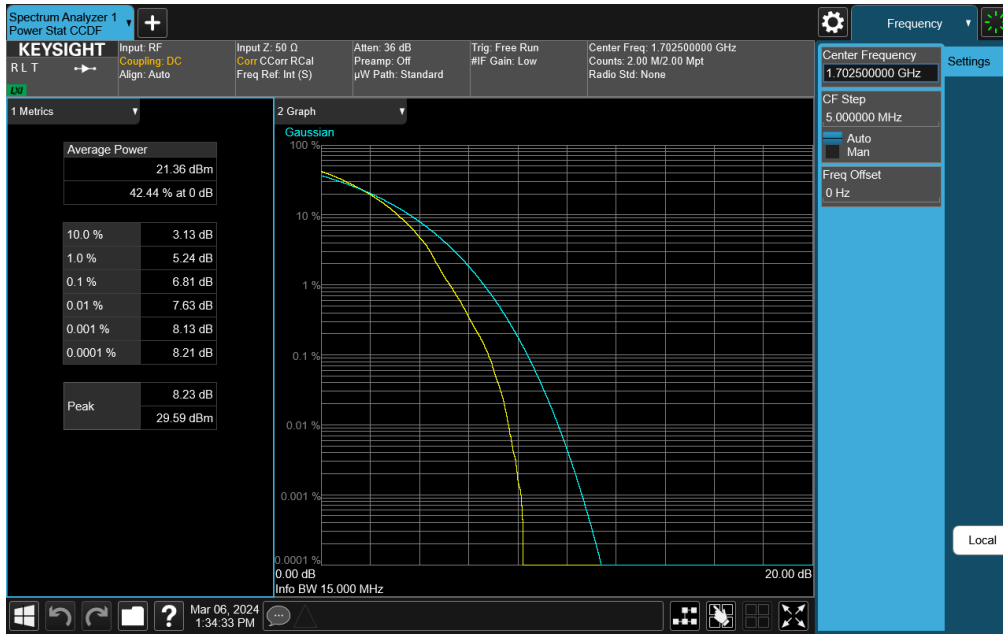


Plot 7-473. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device
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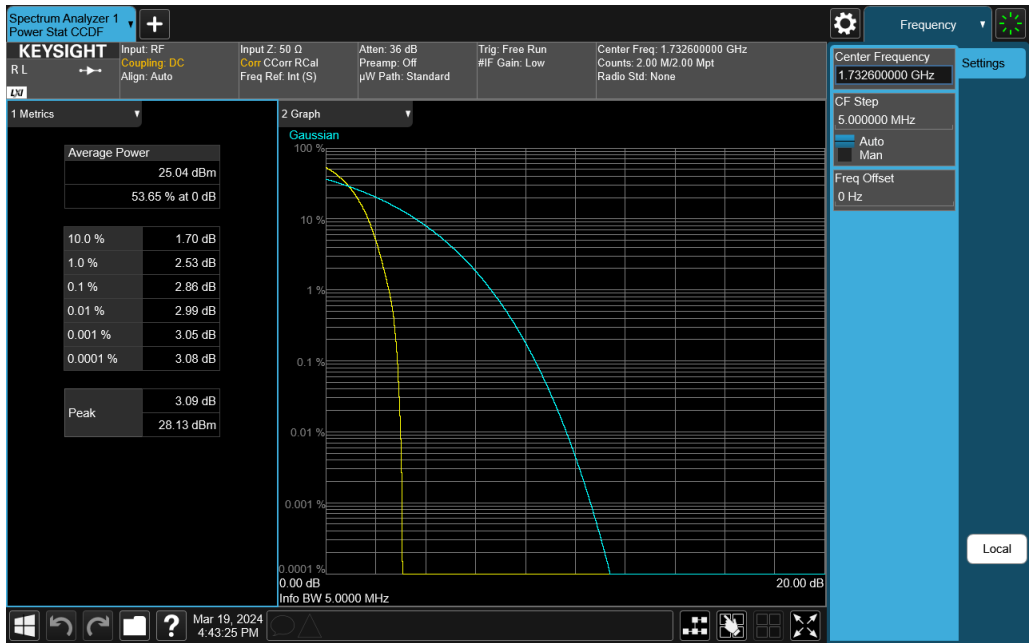


FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-476. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-477. 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:

$$ERP/EIRP = P_{Meas} - LC + GT$$

Where:

ERP/EIRP = Effective or Equivalent Isotropic Radiated Power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm)

P_{Meas} = 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.

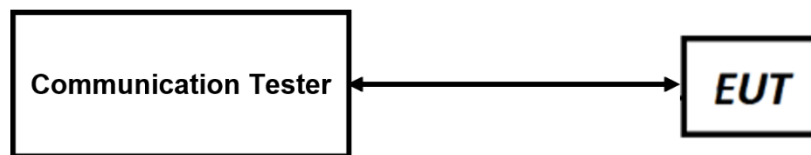




Figure 7-5. ERP/EIRP Measurement Setup

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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 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	-0.50	1 / 0	24.14	23.64	0.231	30.00	-6.36
		1745.0	-0.50	1 / 0	23.99	23.49	0.223	30.00	-6.51
		1779.3	-0.50	1 / 0	24.10	23.60	0.229	30.00	-6.40
	16-QAM	1745.0	-0.50	1 / 0	23.37	22.87	0.194	30.00	-7.13
	64-QAM	1710.7	-0.50	1 / 0	22.38	21.88	0.154	30.00	-8.12
256-QAM	1710.7	-0.50	1 / 3	19.39	18.89	0.077	30.00	-11.11	
3 MHz	QPSK	1711.5	-0.50	1 / 0	24.16	23.66	0.232	30.00	-6.34
		1745.0	-0.50	1 / 0	23.94	23.44	0.221	30.00	-6.56
		1778.5	-0.50	1 / 0	23.80	23.30	0.214	30.00	-6.70
	16-QAM	1711.5	-0.50	1 / 0	23.34	22.84	0.192	30.00	-7.16
	64-QAM	1711.5	-0.50	1 / 0	22.28	21.78	0.151	30.00	-8.22
256-QAM	1711.5	-0.50	1 / 14	19.29	18.79	0.076	30.00	-11.21	
5 MHz	QPSK	1712.5	-0.50	1 / 0	24.18	23.68	0.233	30.00	-6.32
		1745.0	-0.50	1 / 0	24.04	23.54	0.226	30.00	-6.46
		1777.5	-0.50	1 / 0	24.19	23.69	0.234	30.00	-6.31
	16-QAM	1745.0	-0.50	1 / 0	23.62	23.12	0.205	30.00	-6.88
	64-QAM	1745.0	-0.50	1 / 0	22.31	21.81	0.152	30.00	-8.19
256-QAM	1712.5	-0.50	1 / 0	19.40	18.90	0.078	30.00	-11.10	
10 MHz	QPSK	1715.0	-0.50	1 / 0	24.08	23.58	0.228	30.00	-6.42
		1745.0	-0.50	1 / 0	23.97	23.47	0.222	30.00	-6.53
		1775.0	-0.50	1 / 25	23.92	23.42	0.220	30.00	-6.58
	16-QAM	1715.0	-0.50	1 / 25	23.39	22.89	0.195	30.00	-7.11
	64-QAM	1775.0	-0.50	1 / 0	22.25	21.75	0.150	30.00	-8.25
256-QAM	1715.0	-0.50	1 / 0	19.36	18.86	0.077	30.00	-11.14	
15 MHz	QPSK	1717.5	-0.50	1 / 0	23.93	23.43	0.220	30.00	-6.57
		1745.0	-0.50	1 / 37	23.79	23.29	0.213	30.00	-6.71
		1772.5	-0.50	1 / 0	23.81	23.31	0.214	30.00	-6.69
	16-QAM	1717.5	-0.50	1 / 37	23.26	22.76	0.189	30.00	-7.24
	64-QAM	1717.5	-0.50	1 / 0	22.31	21.81	0.152	30.00	-8.19
256-QAM	1717.5	-0.50	1 / 0	19.23	18.73	0.075	30.00	-11.27	
20 MHz	QPSK	1720.0	-0.50	1 / 0	23.95	23.45	0.221	30.00	-6.55
		1745.0	-0.50	1 / 50	23.85	23.35	0.216	30.00	-6.65
		1770.0	-0.50	1 / 0	23.80	23.30	0.214	30.00	-6.70
	16-QAM	1770.0	-0.50	1 / 0	23.23	22.73	0.187	30.00	-7.27
	64-QAM	1720.0	-0.50	1 / 0	22.37	21.87	0.154	30.00	-8.13
256-QAM	1720.0	-0.50	1 / 99	19.09	18.59	0.072	30.00	-11.41	


Table 7-2. Antenna 3 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	-0.50	1 / 0	25.20	24.70	0.295	30.00	-5.31
		1732.5	-0.50	1 / 0	25.04	24.54	0.284	30.00	-5.47
		1754.3	-0.50	1 / 0	25.15	24.65	0.291	30.00	-5.36
	16-QAM	1754.3	-0.50	1 / 0	24.47	23.97	0.249	30.00	-6.04
	64-QAM	1710.7	-0.50	1 / 0	23.36	22.86	0.193	30.00	-7.15
	256-QAM	1710.7	-0.50	1 / 3	20.38	19.88	0.097	30.00	-10.13
3 MHz	QPSK	1711.5	-0.50	1 / 0	25.14	24.64	0.291	30.00	-5.37
		1732.5	-0.50	1 / 0	24.99	24.49	0.281	30.00	-5.52
		1753.5	-0.50	1 / 0	24.85	24.35	0.272	30.00	-5.66
	16-QAM	1711.5	-0.50	1 / 0	24.40	23.90	0.245	30.00	-6.11
	64-QAM	1732.5	-0.50	1 / 0	23.33	22.83	0.192	30.00	-7.18
	256-QAM	1711.5	-0.50	1 / 0	20.27	19.77	0.095	30.00	-10.24
5 MHz	QPSK	1712.5	-0.50	1 / 0	25.18	24.68	0.293	30.00	-5.33
		1732.5	-0.50	1 / 0	25.14	24.64	0.291	30.00	-5.37
		1752.5	-0.50	1 / 0	25.16	24.66	0.292	30.00	-5.35
	16-QAM	1732.5	-0.50	1 / 0	24.54	24.04	0.253	30.00	-5.97
	64-QAM	1752.5	-0.50	1 / 0	23.32	22.82	0.191	30.00	-7.19
	256-QAM	1752.5	-0.50	1 / 0	20.31	19.81	0.096	30.00	-10.20
10 MHz	QPSK	1715.0	-0.50	1 / 25	25.12	24.62	0.289	30.00	-5.39
		1732.5	-0.50	1 / 49	25.00	24.50	0.282	30.00	-5.51
		1750.0	-0.50	1 / 25	24.85	24.35	0.272	30.00	-5.66
	16-QAM	1715.0	-0.50	1 / 49	24.42	23.92	0.246	30.00	-6.09
	64-QAM	1732.5	-0.50	1 / 49	23.38	22.88	0.194	30.00	-7.13
	256-QAM	1732.5	-0.50	1 / 0	20.31	19.81	0.096	30.00	-10.20
15 MHz	QPSK	1717.5	-0.50	1 / 0	24.95	24.45	0.278	30.00	-5.56
		1732.5	-0.50	1 / 37	25.02	24.52	0.283	30.00	-5.49
		1747.5	-0.50	1 / 37	24.81	24.31	0.270	30.00	-5.69
	16-QAM	1717.5	-0.50	1 / 74	24.38	23.88	0.244	30.00	-6.13
	64-QAM	1717.5	-0.50	1 / 37	23.20	22.70	0.186	30.00	-7.31
	256-QAM	1732.5	-0.50	1 / 0	20.13	19.63	0.092	30.00	-10.38
20 MHz	QPSK	1720.0	-0.50	1 / 0	24.91	24.41	0.276	30.00	-5.60
		1732.5	-0.50	1 / 0	24.88	24.38	0.274	30.00	-5.63
		1745.0	-0.50	1 / 50	24.88	24.38	0.274	30.00	-5.63
	16-QAM	1745.0	-0.50	1 / 0	24.45	23.95	0.248	30.00	-6.06
	64-QAM	1745.0	-0.50	1 / 0	23.47	22.97	0.198	30.00	-7.04
	256-QAM	1720.0	-0.50	1 / 50	20.18	19.68	0.093	30.00	-10.33


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

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 271 of 344

LTE Band 71

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	QPSK	665.5	-1.80	1 / 0	25.68	21.73	0.149	34.77	-13.04
		680.5	-1.80	1 / 0	25.58	21.63	0.146	34.77	-13.14
		695.5	-1.80	1 / 0	25.70	21.75	0.150	34.77	-13.02
	16-QAM	665.5	-1.80	1 / 0	24.97	21.02	0.126	34.77	-13.75
	64-QAM	695.5	-1.80	1 / 0	23.86	19.91	0.098	34.77	-14.86
256-QAM	665.5	-1.80	1 / 0	20.74	16.79	0.048	34.77	-17.98	
10 MHz	QPSK	668.0	-1.80	1 / 25	25.64	21.69	0.148	34.77	-13.08
		680.5	-1.80	1 / 25	25.50	21.55	0.143	34.77	-13.22
		693.0	-1.80	1 / 25	25.45	21.50	0.141	34.77	-13.27
	16-QAM	668.0	-1.80	1 / 25	24.94	20.99	0.126	34.77	-13.78
	64-QAM	693.0	-1.80	1 / 25	23.78	19.83	0.096	34.77	-14.94
256-QAM	668.0	-1.80	1 / 25	20.74	16.79	0.048	34.77	-17.98	
15 MHz	QPSK	670.5	-1.80	1 / 0	25.39	21.44	0.139	34.77	-13.33
		680.5	-1.80	1 / 37	25.37	21.42	0.139	34.77	-13.35
		690.5	-1.80	1 / 0	25.42	21.47	0.140	34.77	-13.30
	16-QAM	670.5	-1.80	1 / 0	24.86	20.91	0.123	34.77	-13.86
	64-QAM	670.5	-1.80	1 / 0	23.70	19.75	0.094	34.77	-15.02
256-QAM	680.5	-1.80	1 / 0	20.58	16.63	0.046	34.77	-18.14	
20 MHz	QPSK	673.0	-1.80	1 / 0	25.51	21.56	0.143	34.77	-13.21
		680.5	-1.80	1 / 0	25.43	21.48	0.141	34.77	-13.29
		688.0	-1.80	1 / 0	25.49	21.54	0.143	34.77	-13.23
	16-QAM	680.5	-1.80	1 / 0	24.80	20.85	0.122	34.77	-13.92
	64-QAM	688.0	-1.80	1 / 0	23.85	19.90	0.098	34.77	-14.87
256-QAM	680.5	-1.80	1 / 99	20.64	16.69	0.047	34.77	-18.08	


Table 7-4. Antenna 3 ERP Data (LTE Band 71)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 272 of 344

LTE Band 12

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	699.7	-2.10	1 / 0	25.54	21.29	0.135	34.77	-13.48
		707.5	-2.10	1 / 0	25.49	21.24	0.133	34.77	-13.53
		715.3	-2.10	1 / 0	25.53	21.28	0.134	34.77	-13.49
	16-QAM	699.7	-2.10	1 / 0	24.89	20.64	0.116	34.77	-14.13
	64-QAM	715.3	-2.10	1 / 0	23.70	19.45	0.088	34.77	-15.32
	256-QAM	699.7	-2.10	1 / 3	20.67	16.42	0.044	34.77	-18.35
3 MHz	QPSK	700.5	-2.10	1 / 0	25.53	21.28	0.134	34.77	-13.49
		707.5	-2.10	1 / 0	25.37	21.12	0.129	34.77	-13.65
		714.5	-2.10	1 / 0	25.40	21.15	0.130	34.77	-13.62
	16-QAM	700.5	-2.10	1 / 0	24.77	20.52	0.113	34.77	-14.25
	64-QAM	707.5	-2.10	1 / 0	23.73	19.48	0.089	34.77	-15.29
	256-QAM	700.5	-2.10	1 / 0	20.86	16.61	0.046	34.77	-18.16
5 MHz	QPSK	701.5	-2.10	1 / 0	25.60	21.35	0.136	34.77	-13.42
		707.5	-2.10	1 / 0	25.51	21.26	0.134	34.77	-13.51
		713.5	-2.10	1 / 0	25.69	21.44	0.139	34.77	-13.33
	16-QAM	701.5	-2.10	1 / 0	24.90	20.65	0.116	34.77	-14.12
	64-QAM	701.5	-2.10	1 / 0	23.82	19.57	0.091	34.77	-15.20
	256-QAM	713.5	-2.10	1 / 0	20.82	16.57	0.045	34.77	-18.20
10 MHz	QPSK	704.0	-2.10	1 / 25	25.52	21.27	0.134	34.77	-13.50
		707.5	-2.10	1 / 25	25.48	21.23	0.133	34.77	-13.54
		711.0	-2.10	1 / 25	25.47	21.22	0.132	34.77	-13.55
	16-QAM	704.0	-2.10	1 / 25	24.88	20.63	0.116	34.77	-14.14
	64-QAM	707.5	-2.10	1 / 25	23.72	19.47	0.089	34.77	-15.30
	256-QAM	704.0	-2.10	1 / 0	20.69	16.44	0.044	34.77	-18.33

Table 7-5. Antenna 3 ERP Data (LTE Band 12)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 17


Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	
5 MHz	QPSK	706.5	-2.10	1 / 0	25.59	21.34	0.136	34.77	-13.43	
		710.0	-2.10	1 / 0	25.44	21.19	0.132	34.77	-13.58	
		713.5	-2.10	1 / 0	25.69	21.44	0.139	34.77	-13.33	
	16-QAM	706.5	-2.10	1 / 0	24.86	20.61	0.115	34.77	-14.16	
		64-QAM	710.0	-2.10	1 / 0	23.85	19.60	0.091	34.77	-15.17
		256-QAM	706.5	-2.10	1 / 0	20.78	16.53	0.045	34.77	-18.24
10 MHz	QPSK	709.0	-2.10	1 / 25	25.49	21.24	0.133	34.77	-13.53	
		710.0	-2.10	1 / 25	25.44	21.19	0.132	34.77	-13.58	
		711.0	-2.10	1 / 25	25.49	21.24	0.133	34.77	-13.53	
	16-QAM	711.0	-2.10	1 / 25	24.85	20.60	0.115	34.77	-14.17	
		64-QAM	710.0	-2.10	1 / 25	23.77	19.52	0.090	34.77	-15.25
		256-QAM	709.0	-2.10	1 / 0	20.76	16.51	0.045	34.77	-18.26

Table 7-6. Antenna 3 ERP Data (LTE Band 17)

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	-2.40	1 / 0	25.68	21.13	0.130	34.77	-13.64	
		782.0	-2.40	1 / 0	25.49	20.94	0.124	34.77	-13.83	
		784.5	-2.40	1 / 0	25.70	21.15	0.130	34.77	-13.62	
	16-QAM	779.5	-2.40	1 / 0	25.27	20.72	0.118	34.77	-14.05	
		64-QAM	782.0	-2.40	1 / 0	24.46	19.91	0.098	34.77	-14.86
		256-QAM	782.0	-2.40	1 / 0	21.31	16.76	0.047	34.77	-18.01
10 MHz	QPSK	782.0	-2.40	1 / 25	25.69	21.14	0.130	34.77	-13.63	
	16-QAM	782.0	-2.40	1 / 0	25.19	20.64	0.116	34.77	-14.13	
	64-QAM	782.0	-2.40	1 / 0	24.28	19.73	0.094	34.77	-15.04	
	256-QAM	782.0	-2.40	1 / 49	21.10	16.55	0.045	34.77	-18.22	

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

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 274 of 344

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	-0.50	1 / 1	23.89	23.39	0.218	30.00	-6.61
		1745.0	-0.50	1 / 23	23.96	23.46	0.222	30.00	-6.54
		1777.5	-0.50	1 / 23	23.79	23.29	0.213	30.00	-6.71
	QPSK	1712.5	-0.50	1 / 1	23.94	23.44	0.221	30.00	-6.56
		1745.0	-0.50	1 / 23	23.99	23.49	0.223	30.00	-6.51
		1777.5	-0.50	1 / 1	23.89	23.39	0.218	30.00	-6.61
	16-QAM	1777.5	-0.50	1 / 1	22.89	22.39	0.174	30.00	-7.61
64-QAM	1745.0	-0.50	1 / 23	21.54	21.04	0.127	30.00	-8.96	
256-QAM	1745.0	-0.50	1 / 12	19.44	18.94	0.078	30.00	-11.06	
10 MHz	π/2 BPSK	1715.0	-0.50	1 / 25	23.87	23.37	0.217	30.00	-6.63
		1745.0	-0.50	1 / 25	23.88	23.38	0.218	30.00	-6.62
		1775.0	-0.50	1 / 50	23.73	23.23	0.211	30.00	-6.77
	QPSK	1715.0	-0.50	1 / 1	23.92	23.42	0.220	30.00	-6.58
		1745.0	-0.50	1 / 25	23.99	23.49	0.223	30.00	-6.51
		1775.0	-0.50	1 / 1	23.77	23.27	0.213	30.00	-6.73
	16-QAM	1775.0	-0.50	1 / 1	23.04	22.54	0.179	30.00	-7.46
64-QAM	1745.0	-0.50	1 / 1	21.51	21.01	0.126	30.00	-8.99	
256-QAM	1715.0	-0.50	1 / 1	19.45	18.95	0.079	30.00	-11.05	
15 MHz	π/2 BPSK	1717.5	-0.50	1 / 1	24.15	23.65	0.232	30.00	-6.35
		1745.0	-0.50	1 / 1	24.12	23.62	0.230	30.00	-6.38
		1772.5	-0.50	1 / 77	23.90	23.40	0.219	30.00	-6.60
	QPSK	1717.5	-0.50	1 / 1	24.10	23.60	0.229	30.00	-6.40
		1745.0	-0.50	1 / 1	24.16	23.66	0.232	30.00	-6.34
		1772.5	-0.50	1 / 1	23.95	23.45	0.222	30.00	-6.55
	16-QAM	1717.5	-0.50	1 / 1	23.31	22.81	0.191	30.00	-7.19
64-QAM	1745.0	-0.50	1 / 36	21.65	21.15	0.130	30.00	-8.85	
256-QAM	1745.0	-0.50	1 / 1	19.55	19.05	0.080	30.00	-10.95	
20 MHz	π/2 BPSK	1720.0	-0.50	1 / 50	24.13	23.63	0.231	30.00	-6.37
		1745.0	-0.50	1 / 1	24.10	23.60	0.229	30.00	-6.40
		1770.0	-0.50	1 / 1	23.92	23.42	0.220	30.00	-6.58
	QPSK	1720.0	-0.50	1 / 1	24.04	23.54	0.226	30.00	-6.46
		1745.0	-0.50	1 / 1	24.08	23.58	0.228	30.00	-6.42
		1770.0	-0.50	1 / 1	23.97	23.47	0.222	30.00	-6.53
	16-QAM	1720.0	-0.50	1 / 1	23.36	22.86	0.193	30.00	-7.14
64-QAM	1745.0	-0.50	1 / 1	21.74	21.24	0.133	30.00	-8.76	
256-QAM	1745.0	-0.50	1 / 50	19.44	18.94	0.078	30.00	-11.06	
20 MHz	π/2 BPSK	1722.5	-0.50	1 / 1	24.15	23.65	0.231	30.00	-6.35
		1745.0	-0.50	1 / 1	24.16	23.66	0.232	30.00	-6.34
		1767.5	-0.50	1 / 1	24.05	23.55	0.226	30.00	-6.45
	QPSK	1722.5	-0.50	1 / 1	24.16	23.66	0.232	30.00	-6.34
		1745.0	-0.50	1 / 1	24.20	23.70	0.234	30.00	-6.30
		1767.5	-0.50	1 / 1	24.14	23.64	0.231	30.00	-6.36
	16-QAM	1745.0	-0.50	1 / 1	23.30	22.80	0.191	30.00	-7.20
64-QAM	1722.5	-0.50	1 / 131	21.61	21.11	0.129	30.00	-8.89	
256-QAM	1745.0	-0.50	1 / 1	19.70	19.20	0.083	30.00	-10.80	
30 MHz	π/2 BPSK	1725.0	-0.50	1 / 158	24.00	23.50	0.224	30.00	-6.50
		1745.0	-0.50	1 / 1	24.02	23.52	0.225	30.00	-6.48
		1765.0	-0.50	1 / 1	23.89	23.39	0.218	30.00	-6.61
	QPSK	1725.0	-0.50	1 / 1	23.93	23.43	0.220	30.00	-6.57
		1745.0	-0.50	1 / 1	24.02	23.52	0.225	30.00	-6.48
		1765.0	-0.50	1 / 1	23.84	23.34	0.216	30.00	-6.66
	16-QAM	1725.0	-0.50	1 / 158	23.08	22.58	0.181	30.00	-7.42
64-QAM	1765.0	-0.50	1 / 1	21.60	21.10	0.129	30.00	-8.90	
256-QAM	1725.0	-0.50	1 / 1	19.71	19.21	0.083	30.00	-10.79	
35 MHz	π/2 BPSK	1727.5	-0.50	1 / 1	24.18	23.68	0.233	30.00	-6.32
		1745.0	-0.50	1 / 1	24.01	23.51	0.224	30.00	-6.49
		1762.5	-0.50	1 / 1	24.07	23.57	0.228	30.00	-6.43
	QPSK	1727.5	-0.50	1 / 1	24.11	23.61	0.230	30.00	-6.39
		1745.0	-0.50	1 / 1	24.08	23.58	0.228	30.00	-6.42
		1762.5	-0.50	1 / 1	24.13	23.63	0.231	30.00	-6.37
	16-QAM	1745.0	-0.50	1 / 1	23.40	22.90	0.195	30.00	-7.10
64-QAM	1745.0	-0.50	1 / 186	21.76	21.26	0.134	30.00	-8.74	
256-QAM	1745.0	-0.50	1 / 93	19.68	19.18	0.083	30.00	-10.82	
40 MHz	π/2 BPSK	1730.0	-0.50	1 / 1	24.13	23.63	0.231	30.00	-6.37
		1745.0	-0.50	1 / 108	23.95	23.45	0.221	30.00	-6.55
		1760.0	-0.50	1 / 1	23.98	23.48	0.223	30.00	-6.52
	QPSK	1730.0	-0.50	1 / 108	24.18	23.68	0.233	30.00	-6.32
		1745.0	-0.50	1 / 108	23.99	23.49	0.223	30.00	-6.51
		1760.0	-0.50	1 / 1	23.91	23.41	0.219	30.00	-6.59
	16-QAM	1760.0	-0.50	1 / 1	23.17	22.67	0.185	30.00	-7.33
64-QAM	1730.0	-0.50	1 / 108	21.62	21.12	0.129	30.00	-8.88	
256-QAM	1745.0	-0.50	1 / 1	19.69	19.19	0.083	30.00	-10.81	


Table 7-8. Antenna 3 EIRP Data (NR Band n66)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	Page 275 of 344
	EUT Type: Tablet Device	

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	π/2 BPSK	1697.5	-0.60	1 / 1	24.99	24.39	0.275	30.00	-5.61
		1702.5	-0.60	1 / 1	25.02	24.42	0.277	30.00	-5.58
		1707.5	-0.60	1 / 12	25.12	24.52	0.283	30.00	-5.48
	QPSK	1697.5	-0.60	1 / 12	25.20	24.60	0.288	30.00	-5.40
		1702.5	-0.60	1 / 12	24.99	24.39	0.275	30.00	-5.61
		1707.5	-0.60	1 / 12	25.12	24.52	0.283	30.00	-5.48
	16-QAM	1707.5	-0.60	1 / 1	24.65	24.05	0.254	30.00	-5.95
	64-QAM	1707.5	-0.60	1 / 12	23.12	22.52	0.179	30.00	-7.48
256-QAM	1707.5	-0.60	1 / 1	21.18	20.58	0.114	30.00	-9.42	
10 MHz	π/2 BPSK	1697.5	-0.60	1 / 50	25.07	24.47	0.280	30.00	-5.53
		1702.5	-0.60	1 / 50	25.04	24.44	0.278	30.00	-5.56
		1707.5	-0.60	1 / 1	25.08	24.48	0.280	30.00	-5.52
	QPSK	1697.5	-0.60	1 / 25	25.14	24.54	0.284	30.00	-5.46
		1702.5	-0.60	1 / 50	25.04	24.44	0.278	30.00	-5.56
		1707.5	-0.60	1 / 50	25.07	24.47	0.280	30.00	-5.53
	16-QAM	1707.5	-0.60	1 / 25	24.79	24.19	0.263	30.00	-5.81
	64-QAM	1702.5	-0.60	1 / 50	23.25	22.65	0.184	30.00	-7.35
256-QAM	1702.5	-0.60	1 / 1	21.27	20.67	0.117	30.00	-9.33	
15 MHz	π/2 BPSK	1697.5	-0.60	1 / 36	25.17	24.57	0.286	30.00	-5.43
		1702.5	-0.60	1 / 36	25.19	24.59	0.288	30.00	-5.41
		1707.5	-0.60	1 / 1	25.12	24.52	0.283	30.00	-5.48
	QPSK	1697.5	-0.60	1 / 1	25.17	24.57	0.286	30.00	-5.43
		1702.5	-0.60	1 / 1	25.02	24.42	0.277	30.00	-5.58
		1707.5	-0.60	1 / 1	25.13	24.53	0.284	30.00	-5.47
	16-QAM	1707.5	-0.60	1 / 36	24.54	23.94	0.248	30.00	-6.06
	64-QAM	1702.5	-0.60	1 / 77	23.75	23.15	0.206	30.00	-6.85
256-QAM	1702.5	-0.60	1 / 1	21.77	21.17	0.131	30.00	-8.83	


Table 7-9. Antenna 3 EIRP Data (NR Band n70)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 276 of 344

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	π/2 BPSK	665.5	-1.80	1 / 1	25.47	21.52	0.142	34.77	-13.25
		680.5	-1.80	1 / 12	25.39	21.44	0.139	34.77	-13.33
		695.5	-1.80	1 / 12	25.40	21.45	0.140	34.77	-13.32
	QPSK	665.5	-1.80	1 / 1	25.43	21.48	0.140	34.77	-13.30
		680.5	-1.80	1 / 12	25.27	21.32	0.135	34.77	-13.46
		695.5	-1.80	1 / 12	25.55	21.60	0.145	34.77	-13.17
	16-QAM	665.5	-1.80	1 / 12	24.48	20.53	0.113	34.77	-14.24
64-QAM	665.5	-1.80	1 / 1	23.11	19.16	0.082	34.77	-15.61	
256-QAM	665.5	-1.80	1 / 12	20.66	16.71	0.047	34.77	-18.06	
10 MHz	π/2 BPSK	668.0	-1.80	1 / 1	25.44	21.49	0.141	34.77	-13.28
		680.5	-1.80	1 / 25	25.29	21.34	0.136	34.77	-13.43
		693.0	-1.80	1 / 1	25.38	21.43	0.139	34.77	-13.34
	QPSK	668.0	-1.80	1 / 25	25.42	21.47	0.140	34.77	-13.30
		680.5	-1.80	1 / 50	25.40	21.45	0.140	34.77	-13.32
		693.0	-1.80	1 / 1	25.40	21.45	0.140	34.77	-13.32
	16-QAM	668.0	-1.80	1 / 1	24.53	20.58	0.114	34.77	-14.19
64-QAM	680.5	-1.80	1 / 25	23.03	19.08	0.081	34.77	-15.69	
256-QAM	668.0	-1.80	1 / 1	20.87	16.92	0.049	34.77	-17.85	
15 MHz	π/2 BPSK	670.5	-1.80	1 / 1	25.70	21.75	0.150	34.77	-13.02
		680.5	-1.80	1 / 1	25.50	21.55	0.143	34.77	-13.22
		690.5	-1.80	1 / 1	25.39	21.44	0.139	34.77	-13.33
	QPSK	670.5	-1.80	1 / 1	25.69	21.74	0.149	34.77	-13.03
		680.5	-1.80	1 / 1	25.47	21.52	0.142	34.77	-13.25
		690.5	-1.80	1 / 36	25.48	21.53	0.142	34.77	-13.24
	16-QAM	670.5	-1.80	1 / 1	24.91	20.96	0.125	34.77	-13.81
64-QAM	670.5	-1.80	1 / 1	23.19	19.24	0.084	34.77	-15.53	
256-QAM	670.5	-1.80	1 / 1	21.02	17.07	0.051	34.77	-17.70	
20 MHz	π/2 BPSK	673.0	-1.80	1 / 1	25.57	21.62	0.145	34.77	-13.15
		680.5	-1.80	1 / 1	25.53	21.58	0.144	34.77	-13.20
		688.0	-1.80	1 / 50	25.38	21.43	0.139	34.77	-13.34
	QPSK	673.0	-1.80	1 / 1	25.55	21.60	0.145	34.77	-13.17
		680.5	-1.80	1 / 104	25.44	21.49	0.141	34.77	-13.28
		688.0	-1.80	1 / 1	25.44	21.49	0.141	34.77	-13.29
	16-QAM	673.0	-1.80	1 / 50	24.71	20.76	0.119	34.77	-14.01
64-QAM	673.0	-1.80	1 / 50	23.13	19.18	0.083	34.77	-15.59	
256-QAM	673.0	-1.80	1 / 1	20.91	16.96	0.050	34.77	-17.81	

Table 7-10. Antenna 3 ERP Data (NR Band n71)

FCC ID: BCGA2926		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	π/2 BPSK	701.5	-2.10	1 / 1	25.46	21.21	0.132	34.77	-13.57
		707.5	-2.10	1 / 23	25.43	21.18	0.131	34.77	-13.60
		713.5	-2.10	1 / 12	25.39	21.14	0.130	34.77	-13.63
	QPSK	701.5	-2.10	1 / 12	25.48	21.23	0.133	34.77	-13.54
		707.5	-2.10	1 / 1	25.38	21.13	0.130	34.77	-13.64
		713.5	-2.10	1 / 12	25.40	21.15	0.130	34.77	-13.62
	16-QAM	701.5	-2.10	1 / 12	24.74	20.49	0.112	34.77	-14.28
	64-QAM	713.5	-2.10	1 / 1	23.10	18.85	0.077	34.77	-15.92
256-QAM	713.5	-2.10	1 / 1	20.83	16.58	0.046	34.77	-18.19	
10 MHz	π/2 BPSK	704.0	-2.10	1 / 1	25.42	21.17	0.131	34.77	-13.61
		707.5	-2.10	1 / 1	25.41	21.16	0.131	34.77	-13.61
		711.0	-2.10	1 / 25	25.36	21.11	0.129	34.77	-13.66
	QPSK	704.0	-2.10	1 / 1	25.44	21.19	0.131	34.77	-13.58
		707.5	-2.10	1 / 25	25.38	21.13	0.130	34.77	-13.64
		711.0	-2.10	1 / 25	25.38	21.13	0.130	34.77	-13.64
	16-QAM	704.0	-2.10	1 / 1	24.69	20.44	0.111	34.77	-14.33
	64-QAM	711.0	-2.10	1 / 50	23.14	18.89	0.077	34.77	-15.88
256-QAM	704.0	-2.10	1 / 1	21.08	16.83	0.048	34.77	-17.94	
15 MHz	π/2 BPSK	706.5	-2.10	1 / 1	25.61	21.36	0.137	34.77	-13.41
		707.5	-2.10	1 / 1	25.60	21.35	0.136	34.77	-13.42
		708.5	-2.10	1 / 1	25.49	21.24	0.133	34.77	-13.54
	QPSK	706.5	-2.10	1 / 1	25.62	21.37	0.137	34.77	-13.40
		707.5	-2.10	1 / 1	25.70	21.45	0.140	34.77	-13.32
		708.5	-2.10	1 / 1	25.65	21.40	0.138	34.77	-13.37
	16-QAM	708.5	-2.10	1 / 1	24.61	20.36	0.109	34.77	-14.41
	64-QAM	707.5	-2.10	1 / 77	23.08	18.83	0.076	34.77	-15.95
256-QAM	706.5	-2.10	1 / 1	21.05	16.80	0.048	34.77	-17.97	

Table 7-11. Antenna 3 ERP Data (NR Band n12)

WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	25.10	-0.50	24.60	0.288	30.00	-5.40
1732.60	WCDMA1700	25.15	-0.50	24.65	0.292	30.00	-5.35
1752.60	WCDMA1700	25.12	-0.50	24.62	0.290	30.00	-5.38

Table 7-12. Antenna 3 EIRP Data (WCDMA AWS)


FCC ID: BCGA2926	 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	-3.50	1 / 0	25.57	22.07	0.161	30.00	-7.93
		1745.0	-3.50	1 / 0	25.47	21.97	0.157	30.00	-8.03
		1779.3	-3.50	1 / 0	25.59	22.09	0.162	30.00	-7.91
	16-QAM	1779.3	-3.50	1 / 0	25.27	21.77	0.150	30.00	-8.23
	64-QAM	1710.7	-3.50	1 / 3	24.16	20.66	0.116	30.00	-9.34
256-QAM	1779.3	-3.50	1 / 0	21.21	17.71	0.059	30.00	-12.29	
3 MHz	QPSK	1711.5	-3.50	1 / 0	25.70	22.20	0.166	30.00	-7.80
		1745.0	-3.50	1 / 0	25.51	22.01	0.159	30.00	-7.99
		1778.5	-3.50	1 / 0	25.57	22.07	0.161	30.00	-7.93
	16-QAM	1711.5	-3.50	1 / 0	25.15	21.65	0.146	30.00	-8.35
	64-QAM	1711.5	-3.50	1 / 0	24.23	20.73	0.118	30.00	-9.27
256-QAM	1745.0	-3.50	1 / 7	21.10	17.60	0.058	30.00	-12.40	
5 MHz	QPSK	1712.5	-3.50	1 / 0	25.59	22.09	0.162	30.00	-7.91
		1745.0	-3.50	1 / 0	25.56	22.06	0.161	30.00	-7.94
		1777.5	-3.50	1 / 0	25.54	22.04	0.160	30.00	-7.96
	16-QAM	1745.0	-3.50	1 / 24	25.14	21.64	0.146	30.00	-8.36
	64-QAM	1712.5	-3.50	1 / 0	24.23	20.73	0.118	30.00	-9.27
256-QAM	1712.5	-3.50	1 / 0	21.22	17.72	0.059	30.00	-12.28	
10 MHz	QPSK	1715.0	-3.50	1 / 25	25.62	22.12	0.163	30.00	-7.88
		1745.0	-3.50	1 / 49	25.49	21.99	0.158	30.00	-8.01
		1775.0	-3.50	1 / 0	25.42	21.92	0.156	30.00	-8.08
	16-QAM	1715.0	-3.50	1 / 49	25.14	21.64	0.146	30.00	-8.36
	64-QAM	1745.0	-3.50	1 / 0	24.16	20.66	0.116	30.00	-9.34
256-QAM	1715.0	-3.50	1 / 0	21.26	17.76	0.060	30.00	-12.24	
15 MHz	QPSK	1717.5	-3.50	1 / 74	25.69	22.19	0.166	30.00	-7.81
		1745.0	-3.50	1 / 74	25.44	21.94	0.156	30.00	-8.06
		1772.5	-3.50	1 / 0	25.55	22.05	0.160	30.00	-7.95
	16-QAM	1717.5	-3.50	1 / 74	25.20	21.70	0.148	30.00	-8.30
	64-QAM	1717.5	-3.50	1 / 74	24.15	20.65	0.116	30.00	-9.35
256-QAM	1717.5	-3.50	1 / 74	21.03	17.53	0.057	30.00	-12.47	
20 MHz	QPSK	1720.0	-3.50	1 / 99	25.59	22.09	0.162	30.00	-7.91
		1745.0	-3.50	1 / 99	25.53	22.03	0.160	30.00	-7.97
		1770.0	-3.50	1 / 0	25.60	22.10	0.162	30.00	-7.90
	16-QAM	1770.0	-3.50	1 / 0	25.06	21.56	0.143	30.00	-8.44
	64-QAM	1770.0	-3.50	1 / 0	24.19	20.69	0.117	30.00	-9.31
256-QAM	1745.0	-3.50	1 / 0	21.07	17.57	0.057	30.00	-12.43	


Table 7-13. Antenna 1 EIRP Data (LTE Band 66)

FCC ID: BCGA2926	 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	-3.50	1 / 0	25.56	22.06	0.161	30.00	-7.94
		1732.5	-3.50	1 / 0	25.52	22.02	0.159	30.00	-7.98
		1754.3	-3.50	1 / 0	25.65	22.15	0.164	30.00	-7.85
	16-QAM	1754.3	-3.50	1 / 0	25.18	21.68	0.147	30.00	-8.32
	64-QAM	1732.5	-3.50	1 / 0	24.18	20.68	0.117	30.00	-9.32
256-QAM	1710.7	-3.50	1 / 5	21.08	17.58	0.057	30.00	-12.42	
3 MHz	QPSK	1711.5	-3.50	1 / 0	25.69	22.19	0.166	30.00	-7.81
		1732.5	-3.50	1 / 0	25.55	22.05	0.160	30.00	-7.95
		1753.5	-3.50	1 / 0	25.52	22.02	0.159	30.00	-7.98
	16-QAM	1711.5	-3.50	1 / 0	25.20	21.70	0.148	30.00	-8.30
	64-QAM	1711.5	-3.50	1 / 0	24.19	20.69	0.117	30.00	-9.31
256-QAM	1711.5	-3.50	1 / 0	21.23	17.73	0.059	30.00	-12.27	
5 MHz	QPSK	1712.5	-3.50	1 / 0	25.57	22.07	0.161	30.00	-7.93
		1732.5	-3.50	1 / 0	25.53	22.03	0.160	30.00	-7.97
		1752.5	-3.50	1 / 0	25.62	22.12	0.163	30.00	-7.88
	16-QAM	1732.5	-3.50	1 / 0	25.12	21.62	0.145	30.00	-8.38
	64-QAM	1732.5	-3.50	1 / 0	24.29	20.79	0.120	30.00	-9.21
256-QAM	1732.5	-3.50	1 / 24	21.21	17.71	0.059	30.00	-12.29	
10 MHz	QPSK	1715.0	-3.50	1 / 0	25.67	22.17	0.165	30.00	-7.83
		1732.5	-3.50	1 / 49	25.58	22.08	0.161	30.00	-7.92
		1750.0	-3.50	1 / 0	25.48	21.98	0.158	30.00	-8.02
	16-QAM	1715.0	-3.50	1 / 0	25.03	21.53	0.142	30.00	-8.47
	64-QAM	1750.0	-3.50	1 / 25	24.22	20.72	0.118	30.00	-9.28
256-QAM	1732.5	-3.50	1 / 0	21.12	17.62	0.058	30.00	-12.38	
15 MHz	QPSK	1717.5	-3.50	1 / 0	25.37	21.87	0.154	30.00	-8.13
		1732.5	-3.50	1 / 74	25.46	21.96	0.157	30.00	-8.04
		1747.5	-3.50	1 / 0	25.34	21.84	0.153	30.00	-8.16
	16-QAM	1717.5	-3.50	1 / 0	25.01	21.51	0.142	30.00	-8.49
	64-QAM	1717.5	-3.50	1 / 74	24.24	20.74	0.119	30.00	-9.26
256-QAM	1717.5	-3.50	1 / 0	21.09	17.59	0.057	30.00	-12.41	
20 MHz	QPSK	1720.0	-3.50	1 / 0	25.57	22.07	0.161	30.00	-7.93
		1732.5	-3.50	1 / 99	25.45	21.95	0.157	30.00	-8.05
		1745.0	-3.50	1 / 99	25.60	22.10	0.162	30.00	-7.90
	16-QAM	1745.0	-3.50	1 / 0	25.14	21.64	0.146	30.00	-8.36
	64-QAM	1720.0	-3.50	1 / 99	24.22	20.72	0.118	30.00	-9.28
256-QAM	1745.0	-3.50	1 / 99	21.13	17.63	0.058	30.00	-12.37	


Table 7-14. Antenna 1 EIRP Data (LTE Band 4)

FCC ID: BCGA2926	 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	-0.90	1 / 0	23.90	20.85	0.122	34.77	-13.92
		680.5	-0.90	1 / 0	23.63	20.58	0.114	34.77	-14.19
		695.5	-0.90	1 / 0	23.80	20.75	0.119	34.77	-14.02
	16-QAM	680.5	-0.90	1 / 12	23.28	20.23	0.105	34.77	-14.54
	64-QAM	680.5	-0.90	1 / 0	22.21	19.16	0.082	34.77	-15.61
256-QAM	695.5	-0.90	1 / 0	19.21	16.16	0.041	34.77	-18.61	
10 MHz	QPSK	668.0	-0.90	1 / 25	23.75	20.70	0.117	34.77	-14.07
		680.5	-0.90	1 / 25	23.62	20.57	0.114	34.77	-14.20
		693.0	-0.90	1 / 25	23.49	20.44	0.111	34.77	-14.33
	16-QAM	668.0	-0.90	1 / 49	23.19	20.14	0.103	34.77	-14.63
	64-QAM	668.0	-0.90	1 / 25	22.17	19.12	0.082	34.77	-15.65
256-QAM	668.0	-0.90	1 / 0	19.18	16.13	0.041	34.77	-18.64	
15 MHz	QPSK	670.5	-0.90	1 / 0	23.52	20.47	0.111	34.77	-14.30
		680.5	-0.90	1 / 0	23.55	20.50	0.112	34.77	-14.27
		690.5	-0.90	1 / 0	23.53	20.48	0.112	34.77	-14.29
	16-QAM	670.5	-0.90	1 / 0	23.06	20.01	0.100	34.77	-14.76
	64-QAM	670.5	-0.90	1 / 0	22.00	18.95	0.079	34.77	-15.82
256-QAM	670.5	-0.90	1 / 74	19.08	16.03	0.040	34.77	-18.74	
20 MHz	QPSK	673.0	-0.90	1 / 0	23.57	20.52	0.113	34.77	-14.25
		680.5	-0.90	1 / 0	23.54	20.49	0.112	34.77	-14.28
		688.0	-0.90	1 / 0	23.55	20.50	0.112	34.77	-14.27
	16-QAM	688.0	-0.90	1 / 0	23.20	20.15	0.103	34.77	-14.62
	64-QAM	680.5	-0.90	1 / 0	22.00	18.95	0.079	34.77	-15.82
256-QAM	673.0	-0.90	1 / 99	19.04	15.99	0.040	34.77	-18.78	


Table 7-15. Antenna 1 ERP Data (LTE Band 71)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 281 of 344

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	-0.90	1 / 0	23.79	20.74	0.118	34.77	-14.03
		707.5	-0.90	1 / 0	23.78	20.73	0.118	34.77	-14.04
		715.3	-0.90	1 / 3	23.76	20.71	0.118	34.77	-14.06
	16-QAM	699.7	-0.90	1 / 3	23.35	20.30	0.107	34.77	-14.47
	64-QAM	699.7	-0.90	1 / 3	22.14	19.09	0.081	34.77	-15.68
	256-QAM	699.7	-0.90	1 / 0	19.25	16.20	0.042	34.77	-18.57
3 MHz	QPSK	700.5	-0.90	1 / 0	23.80	20.75	0.119	34.77	-14.02
		707.5	-0.90	1 / 0	23.67	20.62	0.115	34.77	-14.15
		714.5	-0.90	1 / 0	23.67	20.62	0.115	34.77	-14.15
	16-QAM	700.5	-0.90	1 / 0	23.22	20.17	0.104	34.77	-14.60
	64-QAM	707.5	-0.90	1 / 0	22.26	19.21	0.083	34.77	-15.56
	256-QAM	700.5	-0.90	1 / 0	19.21	16.16	0.041	34.77	-18.61
5 MHz	QPSK	701.5	-0.90	1 / 0	23.90	20.85	0.122	34.77	-13.92
		707.5	-0.90	1 / 0	23.73	20.68	0.117	34.77	-14.09
		713.5	-0.90	1 / 0	23.86	20.81	0.120	34.77	-13.96
	16-QAM	701.5	-0.90	1 / 0	23.42	20.37	0.109	34.77	-14.40
	64-QAM	707.5	-0.90	1 / 0	22.32	19.27	0.084	34.77	-15.50
	256-QAM	701.5	-0.90	1 / 0	19.26	16.21	0.042	34.77	-18.56
10 MHz	QPSK	704.0	-0.90	1 / 0	23.76	20.71	0.118	34.77	-14.06
		707.5	-0.90	1 / 49	23.70	20.65	0.116	34.77	-14.12
		711.0	-0.90	1 / 25	23.72	20.67	0.117	34.77	-14.10
	16-QAM	704.0	-0.90	1 / 49	23.36	20.31	0.107	34.77	-14.46
	64-QAM	711.0	-0.90	1 / 25	22.20	19.15	0.082	34.77	-15.62
	256-QAM	711.0	-0.90	1 / 0	19.21	16.16	0.041	34.77	-18.61

Table 7-16. Antenna 1 ERP Data (LTE Band 12)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 282 of 344

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	-0.90	1 / 0	23.82	20.77	0.119	34.77	-14.00
		710.0	-0.90	1 / 0	23.71	20.66	0.116	34.77	-14.11
		713.5	-0.90	1 / 0	23.90	20.85	0.122	34.77	-13.92
	16-QAM	706.5	-0.90	1 / 0	23.37	20.32	0.108	34.77	-14.45
	64-QAM	710.0	-0.90	1 / 0	22.16	19.11	0.081	34.77	-15.66
	256-QAM	713.5	-0.90	1 / 0	19.16	16.11	0.041	34.77	-18.66
10 MHz	QPSK	709.0	-0.90	1 / 0	23.66	20.61	0.115	34.77	-14.16
		710.0	-0.90	1 / 0	23.58	20.53	0.113	34.77	-14.24
		711.0	-0.90	1 / 25	23.62	20.57	0.114	34.77	-14.20
	16-QAM	709.0	-0.90	1 / 0	23.28	20.23	0.105	34.77	-14.54
	64-QAM	711.0	-0.90	1 / 0	22.14	19.09	0.081	34.77	-15.68
	256-QAM	711.0	-0.90	1 / 0	19.07	16.02	0.040	34.77	-18.75

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

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	-2.60	1 / 0	23.83	19.08	0.081	34.77	-15.69
		782.0	-2.60	1 / 0	23.70	18.95	0.079	34.77	-15.82
		784.5	-2.60	1 / 0	23.90	19.15	0.082	34.77	-15.62
	16-QAM	782.0	-2.60	1 / 0	23.43	18.68	0.074	34.77	-16.09
	64-QAM	784.5	-2.60	1 / 0	22.26	17.51	0.056	34.77	-17.26
	256-QAM	782.0	-2.60	1 / 24	19.18	14.43	0.028	34.77	-20.34
10 MHz	QPSK	782.0	-2.60	1 / 49	23.56	18.81	0.076	34.77	-15.96
	16-QAM	782.0	-2.60	1 / 49	23.07	18.32	0.068	34.77	-16.45
	64-QAM	782.0	-2.60	1 / 49	22.11	17.36	0.054	34.77	-17.41
	256-QAM	782.0	-2.60	1 / 0	19.12	14.37	0.027	34.77	-20.40

Table 7-18. Antenna 1 ERP Data (LTE Band 13)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 283 of 344

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	-3.50	1 / 1	25.68	22.18	0.165	30.00	-7.82
		1745.0	-3.50	1 / 23	25.60	22.10	0.162	30.00	-7.90
		1777.5	-3.50	1 / 12	25.70	22.20	0.166	30.00	-7.80
	QPSK	1712.5	-3.50	1 / 12	25.69	22.19	0.166	30.00	-7.81
		1745.0	-3.50	1 / 23	25.55	22.05	0.160	30.00	-7.95
		1777.5	-3.50	1 / 12	25.65	22.15	0.164	30.00	-7.85
	16-QAM	1777.5	-3.50	1 / 12	24.65	21.15	0.130	30.00	-8.85
64-QAM	1777.5	-3.50	1 / 23	23.73	20.23	0.105	30.00	-9.77	
256-QAM	1777.5	-3.50	1 / 1	21.82	18.32	0.068	30.00	-11.68	
10 MHz	π/2 BPSK	1715.0	-3.50	1 / 25	25.34	21.84	0.153	30.00	-8.16
		1745.0	-3.50	1 / 25	25.42	21.92	0.156	30.00	-8.08
		1775.0	-3.50	1 / 50	25.70	22.20	0.166	30.00	-7.80
	QPSK	1715.0	-3.50	1 / 1	25.63	22.13	0.163	30.00	-7.87
		1745.0	-3.50	1 / 50	25.67	22.17	0.165	30.00	-7.83
		1775.0	-3.50	1 / 50	25.57	22.07	0.161	30.00	-7.93
	16-QAM	1715.0	-3.50	1 / 25	24.59	21.09	0.129	30.00	-8.91
64-QAM	1715.0	-3.50	1 / 1	23.71	20.21	0.105	30.00	-9.79	
256-QAM	1745.0	-3.50	1 / 50	21.74	18.24	0.067	30.00	-11.76	
15 MHz	π/2 BPSK	1717.5	-3.50	1 / 1	25.48	21.98	0.158	30.00	-8.02
		1745.0	-3.50	1 / 36	25.70	22.20	0.166	30.00	-7.80
		1772.5	-3.50	1 / 77	25.62	22.12	0.163	30.00	-7.88
	QPSK	1717.5	-3.50	1 / 1	25.39	21.89	0.155	30.00	-8.11
		1745.0	-3.50	1 / 36	25.47	21.97	0.157	30.00	-8.03
		1772.5	-3.50	1 / 36	25.48	21.98	0.158	30.00	-8.02
	16-QAM	1772.5	-3.50	1 / 36	24.65	21.15	0.130	30.00	-8.85
64-QAM	1717.5	-3.50	1 / 77	23.69	20.19	0.104	30.00	-9.81	
256-QAM	1772.5	-3.50	1 / 1	21.78	18.28	0.067	30.00	-11.72	
20 MHz	π/2 BPSK	1720.0	-3.50	1 / 1	25.45	21.95	0.157	30.00	-8.05
		1745.0	-3.50	1 / 50	25.68	22.18	0.165	30.00	-7.82
		1770.0	-3.50	1 / 1	25.65	22.15	0.164	30.00	-7.85
	QPSK	1720.0	-3.50	1 / 1	25.70	22.20	0.166	30.00	-7.80
		1745.0	-3.50	1 / 50	25.44	21.94	0.156	30.00	-8.06
		1770.0	-3.50	1 / 50	25.70	22.20	0.166	30.00	-7.80
	16-QAM	1770.0	-3.50	1 / 50	24.59	21.09	0.129	30.00	-8.91
64-QAM	1745.0	-3.50	1 / 1	23.68	20.18	0.104	30.00	-9.82	
256-QAM	1770.0	-3.50	1 / 1	21.78	18.28	0.067	30.00	-11.72	
25 MHz	π/2 BPSK	1722.5	-3.50	1 / 64	25.70	22.20	0.166	30.00	-7.80
		1745.0	-3.50	1 / 64	25.52	22.02	0.159	30.00	-7.98
		1767.5	-3.50	1 / 1	25.50	22.00	0.158	30.00	-8.00
	QPSK	1722.5	-3.50	1 / 131	25.65	22.15	0.164	30.00	-7.85
		1745.0	-3.50	1 / 1	25.57	22.07	0.161	30.00	-7.93
		1767.5	-3.50	1 / 1	25.54	22.04	0.160	30.00	-7.96
	16-QAM	1745.0	-3.50	1 / 64	24.64	21.14	0.130	30.00	-8.86
64-QAM	1745.0	-3.50	1 / 131	23.61	20.11	0.103	30.00	-9.89	
256-QAM	1722.5	-3.50	1 / 64	21.81	18.31	0.068	30.00	-11.69	
30 MHz	π/2 BPSK	1725.0	-3.50	1 / 80	25.69	22.19	0.166	30.00	-7.81
		1745.0	-3.50	1 / 80	25.64	22.14	0.164	30.00	-7.86
		1765.0	-3.50	1 / 158	25.63	22.13	0.163	30.00	-7.87
	QPSK	1725.0	-3.50	1 / 80	25.70	22.20	0.166	30.00	-7.80
		1745.0	-3.50	1 / 80	25.40	21.90	0.155	30.00	-8.10
		1765.0	-3.50	1 / 158	25.51	22.01	0.159	30.00	-7.99
	16-QAM	1765.0	-3.50	1 / 80	24.67	21.17	0.131	30.00	-8.83
64-QAM	1765.0	-3.50	1 / 80	23.60	20.10	0.102	30.00	-9.90	
256-QAM	1765.0	-3.50	1 / 158	21.80	18.30	0.068	30.00	-11.70	
35 MHz	π/2 BPSK	1727.5	-3.50	1 / 1	25.32	21.82	0.152	30.00	-8.18
		1745.0	-3.50	1 / 186	25.70	22.20	0.166	30.00	-7.80
		1762.5	-3.50	1 / 186	25.65	22.15	0.164	30.00	-7.85
	QPSK	1727.5	-3.50	1 / 93	25.56	22.06	0.161	30.00	-7.94
		1745.0	-3.50	1 / 186	25.68	22.18	0.165	30.00	-7.82
		1762.5	-3.50	1 / 186	25.53	22.03	0.160	30.00	-7.97
	16-QAM	1727.5	-3.50	1 / 1	24.70	21.20	0.132	30.00	-8.80
64-QAM	1745.0	-3.50	1 / 186	23.67	20.17	0.104	30.00	-9.83	
256-QAM	1762.5	-3.50	1 / 93	21.75	18.25	0.067	30.00	-11.75	
40 MHz	π/2 BPSK	1730.0	-3.50	1 / 214	25.59	22.09	0.162	30.00	-7.91
		1745.0	-3.50	1 / 214	25.63	22.13	0.163	30.00	-7.87
		1760.0	-3.50	1 / 214	25.59	22.09	0.162	30.00	-7.91
	QPSK	1730.0	-3.50	1 / 214	25.29	21.79	0.151	30.00	-8.21
		1745.0	-3.50	1 / 108	25.70	22.20	0.166	30.00	-7.80
		1760.0	-3.50	1 / 108	25.68	22.18	0.165	30.00	-7.82
	16-QAM	1760.0	-3.50	1 / 1	24.70	21.20	0.132	30.00	-8.80
64-QAM	1745.0	-3.50	1 / 214	23.69	20.19	0.104	30.00	-9.81	
256-QAM	1760.0	-3.50	1 / 214	21.75	18.25	0.067	30.00	-11.75	


Table 7-19. Antenna 1 EIRP Data (NR Band n66)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device
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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	π/2 BPSK	1697.5	-5.00	1 / 23	25.63	20.63	0.116	30.00	-9.37
		1702.5	-5.00	1 / 1	25.67	20.67	0.117	30.00	-9.33
		1707.5	-5.00	1 / 1	25.40	20.40	0.110	30.00	-9.60
	QPSK	1697.5	-5.00	1 / 23	25.56	20.56	0.114	30.00	-9.44
		1702.5	-5.00	1 / 23	25.70	20.70	0.117	30.00	-9.30
		1707.5	-5.00	1 / 12	25.70	20.70	0.117	30.00	-9.30
	16-QAM	1702.5	-5.00	1 / 1	24.70	19.70	0.093	30.00	-10.30
	64-QAM	1697.5	-5.00	1 / 1	23.69	18.69	0.074	30.00	-11.31
256-QAM	1707.5	-5.00	1 / 1	21.71	16.71	0.047	30.00	-13.29	
10 MHz	π/2 BPSK	1697.5	-5.00	1 / 25	25.67	20.67	0.117	30.00	-9.33
		1702.5	-5.00	1 / 1	25.68	20.68	0.117	30.00	-9.32
		1707.5	-5.00	1 / 1	25.40	20.40	0.110	30.00	-9.60
	QPSK	1697.5	-5.00	1 / 1	25.69	20.69	0.117	30.00	-9.31
		1702.5	-5.00	1 / 50	25.57	20.57	0.114	30.00	-9.43
		1707.5	-5.00	1 / 1	25.70	20.70	0.117	30.00	-9.30
	16-QAM	1697.5	-5.00	1 / 50	24.63	19.63	0.092	30.00	-10.37
	64-QAM	1702.5	-5.00	1 / 25	23.57	18.57	0.072	30.00	-11.43
256-QAM	1702.5	-5.00	1 / 50	21.78	16.78	0.048	30.00	-13.22	
15 MHz	π/2 BPSK	1697.5	-5.00	1 / 36	25.67	20.67	0.117	30.00	-9.33
		1702.5	-5.00	1 / 36	25.65	20.65	0.116	30.00	-9.35
		1707.5	-5.00	1 / 77	25.69	20.69	0.117	30.00	-9.31
	QPSK	1697.5	-5.00	1 / 36	25.62	20.62	0.115	30.00	-9.38
		1702.5	-5.00	1 / 36	25.70	20.70	0.117	30.00	-9.30
		1707.5	-5.00	1 / 36	25.53	20.53	0.113	30.00	-9.47
	16-QAM	1697.5	-5.00	1 / 1	24.68	19.68	0.093	30.00	-10.32
	64-QAM	1707.5	-5.00	1 / 36	23.57	18.57	0.072	30.00	-11.43
256-QAM	1707.5	-5.00	1 / 77	21.78	16.78	0.048	30.00	-13.22	


Table 7-20. Antenna 1 EIRP Data (NR Band n70)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 285 of 344

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	π/2 BPSK	665.5	-0.90	1 / 1	23.82	20.77	0.119	34.77	-14.00
		680.5	-0.90	1 / 12	23.55	20.50	0.112	34.77	-14.27
		695.5	-0.90	1 / 12	23.63	20.58	0.114	34.77	-14.19
	QPSK	665.5	-0.90	1 / 1	23.87	20.82	0.121	34.77	-13.95
		680.5	-0.90	1 / 12	23.71	20.66	0.116	34.77	-14.11
		695.5	-0.90	1 / 12	23.50	20.45	0.111	34.77	-14.32
	16-QAM	665.5	-0.90	1 / 1	22.81	19.76	0.095	34.77	-15.01
	64-QAM	665.5	-0.90	1 / 1	21.44	18.39	0.069	34.77	-16.38
256-QAM	665.5	-0.90	1 / 1	19.04	15.99	0.040	34.77	-18.78	
10 MHz	π/2 BPSK	668.0	-0.90	1 / 1	23.67	20.62	0.115	34.77	-14.15
		680.5	-0.90	1 / 50	23.60	20.55	0.113	34.77	-14.22
		693.0	-0.90	1 / 1	23.54	20.49	0.112	34.77	-14.28
	QPSK	668.0	-0.90	1 / 1	23.90	20.85	0.122	34.77	-13.92
		680.5	-0.90	1 / 1	23.68	20.63	0.116	34.77	-14.14
		693.0	-0.90	1 / 1	23.68	20.63	0.116	34.77	-14.14
	16-QAM	668.0	-0.90	1 / 25	22.91	19.86	0.097	34.77	-14.91
	64-QAM	668.0	-0.90	1 / 1	21.33	18.28	0.067	34.77	-16.49
256-QAM	680.5	-0.90	1 / 50	19.14	16.09	0.041	34.77	-18.68	
15 MHz	π/2 BPSK	670.5	-0.90	1 / 1	23.83	20.78	0.120	34.77	-13.99
		680.5	-0.90	1 / 1	23.66	20.61	0.115	34.77	-14.16
		690.5	-0.90	1 / 36	23.66	20.61	0.115	34.77	-14.16
	QPSK	670.5	-0.90	1 / 1	23.84	20.79	0.120	34.77	-13.98
		680.5	-0.90	1 / 1	23.66	20.61	0.115	34.77	-14.16
		690.5	-0.90	1 / 1	23.66	20.61	0.115	34.77	-14.16
	16-QAM	670.5	-0.90	1 / 36	23.08	20.03	0.101	34.77	-14.75
	64-QAM	690.5	-0.90	1 / 1	21.40	18.35	0.068	34.77	-16.42
256-QAM	670.5	-0.90	1 / 1	19.53	16.48	0.044	34.77	-18.29	
20 MHz	π/2 BPSK	673.0	-0.90	1 / 1	23.88	20.83	0.121	34.77	-13.94
		680.5	-0.90	1 / 1	23.74	20.69	0.117	34.77	-14.08
		688.0	-0.90	1 / 1	23.87	20.82	0.121	34.77	-13.96
	QPSK	673.0	-0.90	1 / 1	23.81	20.76	0.119	34.77	-14.01
		680.5	-0.90	1 / 1	23.88	20.83	0.121	34.77	-13.94
		688.0	-0.90	1 / 1	23.72	20.67	0.117	34.77	-14.10
	16-QAM	680.5	-0.90	1 / 50	23.02	19.97	0.099	34.77	-14.80
	64-QAM	673.0	-0.90	1 / 1	21.95	18.90	0.078	34.77	-15.87
256-QAM	673.0	-0.90	1 / 1	19.33	16.28	0.042	34.77	-18.49	

Table 7-21. Antenna 1 ERP Data (NR Band n71)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device
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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	π/2 BPSK	701.5	-0.90	1 / 12	23.79	20.74	0.119	34.77	-14.03
		707.5	-0.90	1 / 1	23.79	20.74	0.119	34.77	-14.03
		713.5	-0.90	1 / 12	23.81	20.76	0.119	34.77	-14.01
	QPSK	701.5	-0.90	1 / 1	23.90	20.85	0.122	34.77	-13.92
		707.5	-0.90	1 / 12	23.85	20.80	0.120	34.77	-13.97
		713.5	-0.90	1 / 12	23.87	20.82	0.121	34.77	-13.95
	16-QAM	713.5	-0.90	1 / 1	23.19	20.14	0.103	34.77	-14.64
	64-QAM	701.5	-0.90	1 / 23	22.10	19.05	0.080	34.77	-15.72
256-QAM	713.5	-0.90	1 / 1	19.58	16.53	0.045	34.77	-18.24	
10 MHz	π/2 BPSK	704.0	-0.90	1 / 25	23.90	20.85	0.122	34.77	-13.92
		707.5	-0.90	1 / 1	23.88	20.83	0.121	34.77	-13.94
		711.0	-0.90	1 / 25	23.80	20.75	0.119	34.77	-14.02
	QPSK	704.0	-0.90	1 / 1	23.85	20.80	0.120	34.77	-13.97
		707.5	-0.90	1 / 1	23.87	20.82	0.121	34.77	-13.95
		711.0	-0.90	1 / 1	23.87	20.82	0.121	34.77	-13.95
	16-QAM	704.0	-0.90	1 / 25	23.01	19.96	0.099	34.77	-14.81
	64-QAM	707.5	-0.90	1 / 25	21.75	18.70	0.074	34.77	-16.07
256-QAM	704.0	-0.90	1 / 50	19.38	16.33	0.043	34.77	-18.44	
15 MHz	π/2 BPSK	706.5	-0.90	1 / 1	23.73	20.68	0.117	34.77	-14.09
		707.5	-0.90	1 / 1	23.69	20.64	0.116	34.77	-14.13
		708.5	-0.90	1 / 1	23.65	20.60	0.115	34.77	-14.18
	QPSK	706.5	-0.90	1 / 1	23.90	20.85	0.122	34.77	-13.92
		707.5	-0.90	1 / 1	23.83	20.78	0.120	34.77	-13.99
		708.5	-0.90	1 / 1	23.86	20.81	0.120	34.77	-13.96
	16-QAM	707.5	-0.90	1 / 1	22.99	19.94	0.099	34.77	-14.83
	64-QAM	707.5	-0.90	1 / 1	21.96	18.91	0.078	34.77	-15.86
256-QAM	706.5	-0.90	1 / 1	19.62	16.57	0.045	34.77	-18.20	

Table 7-22. Antenna 1 ERP Data (NR Band n12)

WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	22.68	-3.50	19.18	0.083	30.00	-10.82
1732.60	WCDMA1700	22.70	-3.50	19.20	0.083	30.00	-10.80
1752.60	WCDMA1700	22.61	-3.50	19.11	0.081	30.00	-10.89

Table 7-23. Antenna 1 EIRP Data (WCDMA AWS)


FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 287 of 344

7.6.3 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	-1.80	1 / 0	24.22	22.42	0.175	30.00	-7.58
		1745.0	-1.80	1 / 0	24.06	22.26	0.168	30.00	-7.74
		1779.3	-1.80	1 / 0	24.18	22.38	0.173	30.00	-7.62
	16-QAM	1745.0	-1.80	1 / 0	23.45	21.65	0.146	30.00	-8.35
	64-QAM	1710.7	-1.80	1 / 0	22.60	20.80	0.120	30.00	-9.20
	256-QAM	1710.7	-1.80	1 / 0	19.29	17.49	0.056	30.00	-12.51
3 MHz	QPSK	1711.5	-1.80	1 / 0	24.22	22.42	0.175	30.00	-7.58
		1745.0	-1.80	1 / 0	23.95	22.15	0.164	30.00	-7.85
		1778.5	-1.80	1 / 0	23.93	22.13	0.163	30.00	-7.87
	16-QAM	1745.0	-1.80	1 / 0	23.46	21.66	0.147	30.00	-8.34
	64-QAM	1711.5	-1.80	1 / 0	22.38	20.58	0.114	30.00	-9.42
	256-QAM	1711.5	-1.80	1 / 7	19.28	17.48	0.056	30.00	-12.52
5 MHz	QPSK	1712.5	-1.80	1 / 0	24.29	22.49	0.177	30.00	-7.51
		1745.0	-1.80	1 / 0	24.22	22.42	0.175	30.00	-7.58
		1777.5	-1.80	1 / 0	24.12	22.32	0.171	30.00	-7.68
	16-QAM	1745.0	-1.80	1 / 0	23.60	21.80	0.151	30.00	-8.20
	64-QAM	1712.5	-1.80	1 / 0	22.48	20.68	0.117	30.00	-9.32
	256-QAM	1745.0	-1.80	1 / 0	19.44	17.64	0.058	30.00	-12.36
10 MHz	QPSK	1715.0	-1.80	1 / 25	24.20	22.40	0.174	30.00	-7.60
		1745.0	-1.80	1 / 0	24.05	22.25	0.168	30.00	-7.75
		1775.0	-1.80	1 / 25	24.00	22.20	0.166	30.00	-7.80
	16-QAM	1715.0	-1.80	1 / 25	23.48	21.68	0.147	30.00	-8.32
	64-QAM	1745.0	-1.80	1 / 25	22.37	20.57	0.114	30.00	-9.43
	256-QAM	1715.0	-1.80	1 / 49	19.34	17.54	0.057	30.00	-12.46
15 MHz	QPSK	1717.5	-1.80	1 / 0	23.99	22.19	0.166	30.00	-7.81
		1745.0	-1.80	1 / 37	23.91	22.11	0.163	30.00	-7.89
		1772.5	-1.80	1 / 0	23.82	22.02	0.159	30.00	-7.98
	16-QAM	1717.5	-1.80	1 / 37	23.37	21.57	0.144	30.00	-8.43
	64-QAM	1717.5	-1.80	1 / 0	22.39	20.59	0.115	30.00	-9.41
	256-QAM	1745.0	-1.80	1 / 74	19.22	17.42	0.055	30.00	-12.58
20 MHz	QPSK	1720.0	-1.80	1 / 0	24.01	22.21	0.166	30.00	-7.79
		1745.0	-1.80	1 / 50	23.90	22.10	0.162	30.00	-7.90
		1770.0	-1.80	1 / 0	23.83	22.03	0.160	30.00	-7.97
	16-QAM	1770.0	-1.80	1 / 0	23.54	21.74	0.149	30.00	-8.26
	64-QAM	1720.0	-1.80	1 / 0	22.36	20.56	0.114	30.00	-9.44
	256-QAM	1745.0	-1.80	1 / 0	19.22	17.42	0.055	30.00	-12.58


Table 7-24. Antenna 4b EIRP Data (LTE Band 66)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 288 of 344

LTE Band 4

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	1710.7	-1.80	1 / 0	25.20	23.40	0.219	30.00	-6.60
		1732.5	-1.80	1 / 0	25.29	23.49	0.223	30.00	-6.51
		1754.3	-1.80	1 / 0	25.16	23.36	0.217	30.00	-6.64
	16-QAM	1754.3	-1.80	1 / 5	24.53	22.73	0.187	30.00	-7.27
	64-QAM	1754.3	-1.80	1 / 0	23.48	21.68	0.147	30.00	-8.32
	256-QAM	1732.5	-1.80	1 / 0	20.24	18.44	0.070	30.00	-11.56
3 MHz	QPSK	1711.5	-1.80	1 / 0	24.98	23.18	0.208	30.00	-6.82
		1732.5	-1.80	1 / 0	25.25	23.45	0.221	30.00	-6.55
		1753.5	-1.80	1 / 0	25.11	23.31	0.214	30.00	-6.69
	16-QAM	1753.5	-1.80	1 / 0	24.57	22.77	0.189	30.00	-7.23
	64-QAM	1732.5	-1.80	1 / 0	23.50	21.70	0.148	30.00	-8.30
	256-QAM	1753.5	-1.80	1 / 0	20.40	18.60	0.072	30.00	-11.40
5 MHz	QPSK	1712.5	-1.80	1 / 0	25.23	23.43	0.220	30.00	-6.57
		1732.5	-1.80	1 / 0	25.29	23.49	0.223	30.00	-6.51
		1752.5	-1.80	1 / 0	25.12	23.32	0.215	30.00	-6.68
	16-QAM	1752.5	-1.80	1 / 0	24.64	22.84	0.192	30.00	-7.16
	64-QAM	1732.5	-1.80	1 / 0	23.59	21.79	0.151	30.00	-8.21
	256-QAM	1752.5	-1.80	1 / 0	20.36	18.56	0.072	30.00	-11.44
10 MHz	QPSK	1715.0	-1.80	1 / 49	25.05	23.25	0.211	30.00	-6.75
		1732.5	-1.80	1 / 49	25.29	23.49	0.223	30.00	-6.51
		1750.0	-1.80	1 / 49	25.07	23.27	0.212	30.00	-6.73
	16-QAM	1750.0	-1.80	1 / 25	24.58	22.78	0.190	30.00	-7.22
	64-QAM	1715.0	-1.80	1 / 0	23.45	21.65	0.146	30.00	-8.35
	256-QAM	1732.5	-1.80	1 / 0	20.33	18.53	0.071	30.00	-11.47
15 MHz	QPSK	1717.5	-1.80	1 / 0	25.06	23.26	0.212	30.00	-6.74
		1732.5	-1.80	1 / 74	25.24	23.44	0.221	30.00	-6.56
		1747.5	-1.80	1 / 0	25.02	23.22	0.210	30.00	-6.78
	16-QAM	1747.5	-1.80	1 / 74	24.47	22.67	0.185	30.00	-7.33
	64-QAM	1717.5	-1.80	1 / 74	23.40	21.60	0.145	30.00	-8.40
	256-QAM	1747.5	-1.80	1 / 0	20.33	18.53	0.071	30.00	-11.47
20 MHz	QPSK	1720.0	-1.80	1 / 99	25.03	23.23	0.210	30.00	-6.77
		1732.5	-1.80	1 / 99	24.93	23.13	0.206	30.00	-6.87
		1745.0	-1.80	1 / 99	25.14	23.34	0.216	30.00	-6.66
	16-QAM	1732.5	-1.80	1 / 0	24.53	22.73	0.187	30.00	-7.27
	64-QAM	1732.5	-1.80	1 / 0	23.46	21.66	0.147	30.00	-8.34
	256-QAM	1732.5	-1.80	1 / 99	20.31	18.51	0.071	30.00	-11.49

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

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 289 of 344

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dB]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	1712.5	-1.80	1 / 12	23.94	22.14	0.164	30.00	-7.86
		1745.0	-1.80	1 / 1	23.89	22.09	0.162	30.00	-7.91
		1777.5	-1.80	1 / 12	23.82	22.02	0.159	30.00	-7.98
	QPSK	1712.5	-1.80	1 / 1	23.96	22.16	0.165	30.00	-7.84
		1745.0	-1.80	1 / 12	23.94	22.14	0.164	30.00	-7.86
		1777.5	-1.80	1 / 1	23.83	22.03	0.160	30.00	-7.97
		16-QAM	1745.0	-1.80	1 / 12	23.14	21.34	0.136	30.00
64-QAM	1712.5	-1.80	1 / 1	21.83	20.03	0.101	30.00	-9.97	
256-QAM	1745.0	-1.80	1 / 23	19.50	17.70	0.059	30.00	-12.30	
10 MHz	π/2 BPSK	1715.0	-1.80	1 / 25	23.91	22.11	0.163	30.00	-7.89
		1745.0	-1.80	1 / 25	23.90	22.10	0.162	30.00	-7.90
		1775.0	-1.80	1 / 25	23.87	22.07	0.161	30.00	-7.93
	QPSK	1715.0	-1.80	1 / 50	23.95	22.15	0.164	30.00	-7.85
		1745.0	-1.80	1 / 50	23.94	22.14	0.164	30.00	-7.86
		1775.0	-1.80	1 / 1	23.83	22.03	0.160	30.00	-7.97
		16-QAM	1715.0	-1.80	1 / 1	23.06	21.26	0.134	30.00
64-QAM	1775.0	-1.80	1 / 25	21.67	19.87	0.097	30.00	-10.13	
256-QAM	1745.0	-1.80	1 / 1	19.40	17.60	0.058	30.00	-12.40	
15 MHz	π/2 BPSK	1717.5	-1.80	1 / 1	24.14	22.34	0.171	30.00	-7.66
		1745.0	-1.80	1 / 77	24.11	22.31	0.170	30.00	-7.69
		1772.5	-1.80	1 / 1	24.01	22.21	0.166	30.00	-7.79
	QPSK	1717.5	-1.80	1 / 36	24.19	22.39	0.173	30.00	-7.61
		1745.0	-1.80	1 / 1	24.09	22.29	0.170	30.00	-7.71
		1772.5	-1.80	1 / 1	24.10	22.30	0.170	30.00	-7.70
		16-QAM	1717.5	-1.80	1 / 36	23.33	21.53	0.142	30.00
64-QAM	1717.5	-1.80	1 / 36	21.71	19.91	0.098	30.00	-10.09	
256-QAM	1745.0	-1.80	1 / 1	19.62	17.82	0.061	30.00	-12.18	
20 MHz	π/2 BPSK	1720.0	-1.80	1 / 50	24.02	22.22	0.167	30.00	-7.78
		1745.0	-1.80	1 / 1	24.01	22.21	0.166	30.00	-7.79
		1770.0	-1.80	1 / 1	23.92	22.12	0.163	30.00	-7.88
	QPSK	1720.0	-1.80	1 / 50	24.11	22.31	0.170	30.00	-7.69
		1745.0	-1.80	1 / 1	24.02	22.22	0.167	30.00	-7.78
		1770.0	-1.80	1 / 1	24.02	22.22	0.167	30.00	-7.78
		16-QAM	1720.0	-1.80	1 / 104	23.15	21.35	0.137	30.00
64-QAM	1745.0	-1.80	1 / 1	21.64	19.84	0.096	30.00	-10.16	
256-QAM	1720.0	-1.80	1 / 50	19.61	17.81	0.060	30.00	-12.19	
25 MHz	π/2 BPSK	1722.5	-1.80	1 / 1	24.17	22.37	0.172	30.00	-7.63
		1745.0	-1.80	1 / 131	24.14	22.34	0.171	30.00	-7.66
		1767.5	-1.80	1 / 1	24.14	22.34	0.171	30.00	-7.66
	QPSK	1722.5	-1.80	1 / 1	24.19	22.39	0.173	30.00	-7.61
		1745.0	-1.80	1 / 1	24.20	22.40	0.174	30.00	-7.60
		1767.5	-1.80	1 / 1	24.13	22.33	0.171	30.00	-7.67
		16-QAM	1745.0	-1.80	1 / 131	23.36	21.56	0.143	30.00
64-QAM	1767.5	-1.80	1 / 1	22.00	20.20	0.105	30.00	-9.80	
256-QAM	1767.5	-1.80	1 / 1	19.67	17.87	0.061	30.00	-12.13	
30 MHz	π/2 BPSK	1725.0	-1.80	1 / 1	24.03	22.23	0.167	30.00	-7.77
		1745.0	-1.80	1 / 158	23.99	22.19	0.165	30.00	-7.81
		1765.0	-1.80	1 / 1	23.97	22.17	0.165	30.00	-7.83
	QPSK	1725.0	-1.80	1 / 158	24.04	22.24	0.167	30.00	-7.76
		1745.0	-1.80	1 / 80	24.06	22.26	0.168	30.00	-7.74
		1765.0	-1.80	1 / 80	24.00	22.20	0.166	30.00	-7.80
		16-QAM	1745.0	-1.80	1 / 80	23.12	21.32	0.136	30.00
64-QAM	1765.0	-1.80	1 / 80	21.63	19.83	0.096	30.00	-10.17	
256-QAM	1745.0	-1.80	1 / 158	19.62	17.82	0.061	30.00	-12.18	
35 MHz	π/2 BPSK	1727.5	-1.80	1 / 1	24.13	22.33	0.171	30.00	-7.67
		1745.0	-1.80	1 / 1	24.14	22.34	0.171	30.00	-7.66
		1762.5	-1.80	1 / 1	24.11	22.31	0.170	30.00	-7.69
	QPSK	1727.5	-1.80	1 / 1	24.19	22.39	0.173	30.00	-7.61
		1745.0	-1.80	1 / 1	24.23	22.43	0.175	30.00	-7.57
		1762.5	-1.80	1 / 1	24.20	22.40	0.174	30.00	-7.60
		16-QAM	1745.0	-1.80	1 / 1	23.39	21.59	0.144	30.00
64-QAM	1745.0	-1.80	1 / 186	21.92	20.12	0.103	30.00	-9.88	
256-QAM	1727.5	-1.80	1 / 93	19.63	17.83	0.061	30.00	-12.17	
40 MHz	π/2 BPSK	1730.0	-1.80	1 / 214	24.07	22.27	0.168	30.00	-7.73
		1745.0	-1.80	1 / 108	24.02	22.22	0.167	30.00	-7.78
		1760.0	-1.80	1 / 1	24.03	22.23	0.167	30.00	-7.77
	QPSK	1730.0	-1.80	1 / 1	24.05	22.25	0.168	30.00	-7.75
		1745.0	-1.80	1 / 108	24.07	22.27	0.169	30.00	-7.73
		1760.0	-1.80	1 / 108	24.03	22.23	0.167	30.00	-7.77
		16-QAM	1745.0	-1.80	1 / 214	23.08	21.28	0.134	30.00
64-QAM	1760.0	-1.80	1 / 1	21.75	19.95	0.099	30.00	-10.05	
256-QAM	1760.0	-1.80	1 / 1	19.60	17.80	0.060	30.00	-12.20	

Table 7-26. Antenna 4b EIRP Data (NR Band n66)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device
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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	π/2 BPSK	1697.5	-3.20	1 / 23	25.02	21.82	0.152	30.00	-8.18
		1702.5	-3.20	1 / 12	24.99	21.79	0.151	30.00	-8.21
		1707.5	-3.20	1 / 12	25.29	22.09	0.162	30.00	-7.91
	QPSK	1697.5	-3.20	1 / 12	25.30	22.10	0.162	30.00	-7.90
		1702.5	-3.20	1 / 1	24.96	21.76	0.150	30.00	-8.24
		1707.5	-3.20	1 / 12	25.22	22.02	0.159	30.00	-7.98
	16-QAM	1707.5	-3.20	1 / 23	24.30	21.10	0.129	30.00	-8.90
	64-QAM	1707.5	-3.20	1 / 23	23.01	19.81	0.096	30.00	-10.19
256-QAM	1702.5	-3.20	1 / 1	21.18	17.98	0.063	30.00	-12.02	
10 MHz	π/2 BPSK	1697.5	-3.20	1 / 1	25.22	22.02	0.159	30.00	-7.98
		1702.5	-3.20	1 / 1	25.27	22.07	0.161	30.00	-7.93
		1707.5	-3.20	1 / 25	25.14	21.94	0.156	30.00	-8.06
	QPSK	1697.5	-3.20	1 / 50	25.21	22.01	0.159	30.00	-7.99
		1702.5	-3.20	1 / 50	25.10	21.90	0.155	30.00	-8.10
		1707.5	-3.20	1 / 50	25.30	22.10	0.162	30.00	-7.90
	16-QAM	1702.5	-3.20	1 / 1	24.29	21.09	0.129	30.00	-8.91
	64-QAM	1702.5	-3.20	1 / 50	23.24	20.04	0.101	30.00	-9.96
256-QAM	1702.5	-3.20	1 / 25	21.27	18.07	0.064	30.00	-11.93	
15 MHz	π/2 BPSK	1697.5	-3.20	1 / 77	25.20	22.00	0.158	30.00	-8.00
		1702.5	-3.20	1 / 1	25.30	22.10	0.162	30.00	-7.90
		1707.5	-3.20	1 / 77	25.00	21.80	0.151	30.00	-8.20
	QPSK	1697.5	-3.20	1 / 1	24.92	21.72	0.149	30.00	-8.28
		1702.5	-3.20	1 / 36	25.15	21.95	0.157	30.00	-8.05
		1707.5	-3.20	1 / 77	25.27	22.07	0.161	30.00	-7.93
	16-QAM	1702.5	-3.20	1 / 1	24.17	20.97	0.125	30.00	-9.03
	64-QAM	1702.5	-3.20	1 / 36	23.30	20.10	0.102	30.00	-9.90
256-QAM	1707.5	-3.20	1 / 36	21.08	17.88	0.061	30.00	-12.12	

Table 7-27. Antenna 4b EIRP Data (NR Band n70)

WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	25.20	-1.80	23.40	0.219	30.00	-6.60
1732.60	WCDMA1700	25.30	-1.80	23.50	0.224	30.00	-6.50
1752.60	WCDMA1700	25.26	-1.80	23.46	0.222	30.00	-6.54

Table 7-28. Antenna 4b EIRP Data (WCDMA AWS)


FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 291 of 344

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	-1.40	1 / 0	25.20	23.80	0.240	30.00	-6.20
		1745.0	-1.40	1 / 0	25.14	23.74	0.236	30.00	-6.26
		1779.3	-1.40	1 / 5	25.01	23.61	0.229	30.00	-6.39
	16-QAM	1745.0	-1.40	1 / 3	24.44	23.04	0.201	30.00	-6.96
	64-QAM	1710.7	-1.40	1 / 3	23.34	21.94	0.156	30.00	-8.06
256-QAM	1745.0	-1.40	1 / 3	20.25	18.85	0.077	30.00	-11.15	
3 MHz	QPSK	1711.5	-1.40	1 / 0	25.11	23.71	0.235	30.00	-6.29
		1745.0	-1.40	1 / 0	25.16	23.76	0.238	30.00	-6.24
		1778.5	-1.40	1 / 0	25.03	23.63	0.231	30.00	-6.37
	16-QAM	1778.5	-1.40	1 / 0	24.46	23.06	0.202	30.00	-6.94
	64-QAM	1711.5	-1.40	1 / 0	23.37	21.97	0.157	30.00	-8.03
256-QAM	1745.0	-1.40	1 / 0	20.26	18.86	0.077	30.00	-11.14	
5 MHz	QPSK	1712.5	-1.40	1 / 0	25.19	23.79	0.239	30.00	-6.21
		1745.0	-1.40	1 / 0	25.20	23.80	0.240	30.00	-6.20
		1777.5	-1.40	1 / 12	25.00	23.60	0.229	30.00	-6.40
	16-QAM	1745.0	-1.40	1 / 0	24.59	23.19	0.208	30.00	-6.81
	64-QAM	1745.0	-1.40	1 / 0	23.51	22.11	0.162	30.00	-7.89
256-QAM	1712.5	-1.40	1 / 0	20.34	18.94	0.078	30.00	-11.06	
10 MHz	QPSK	1715.0	-1.40	1 / 0	24.97	23.57	0.227	30.00	-6.43
		1745.0	-1.40	1 / 49	25.10	23.70	0.234	30.00	-6.30
		1775.0	-1.40	1 / 25	25.06	23.66	0.232	30.00	-6.34
	16-QAM	1745.0	-1.40	1 / 25	24.41	23.01	0.200	30.00	-6.99
	64-QAM	1715.0	-1.40	1 / 25	23.42	22.02	0.159	30.00	-7.98
256-QAM	1745.0	-1.40	1 / 0	20.41	19.01	0.080	30.00	-10.99	
15 MHz	QPSK	1717.5	-1.40	1 / 0	24.96	23.56	0.227	30.00	-6.44
		1745.0	-1.40	1 / 74	25.05	23.65	0.232	30.00	-6.35
		1772.5	-1.40	1 / 0	24.85	23.45	0.221	30.00	-6.55
	16-QAM	1772.5	-1.40	1 / 0	24.36	22.96	0.198	30.00	-7.04
	64-QAM	1717.5	-1.40	1 / 37	23.32	21.92	0.155	30.00	-8.08
256-QAM	1717.5	-1.40	1 / 0	20.17	18.77	0.075	30.00	-11.23	
20 MHz	QPSK	1720.0	-1.40	1 / 0	24.84	23.44	0.221	30.00	-6.56
		1745.0	-1.40	1 / 0	24.74	23.34	0.216	30.00	-6.66
		1770.0	-1.40	1 / 0	24.92	23.52	0.225	30.00	-6.48
	16-QAM	1745.0	-1.40	1 / 0	24.49	23.09	0.204	30.00	-6.91
	64-QAM	1770.0	-1.40	1 / 0	23.24	21.84	0.153	30.00	-8.16
256-QAM	1745.0	-1.40	1 / 0	20.06	18.66	0.073	30.00	-11.34	


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

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 292 of 344

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	25.19	23.79	0.239	30.00	-6.21
		1732.5	-1.40	1 / 0	25.15	23.75	0.237	30.00	-6.25
		1754.3	-1.40	1 / 0	25.00	23.60	0.229	30.00	-6.40
	16-QAM	1732.5	-1.40	1 / 0	24.53	23.13	0.205	30.00	-6.87
	64-QAM	1710.7	-1.40	1 / 0	23.41	22.01	0.159	30.00	-7.99
	256-QAM	1710.7	-1.40	1 / 0	20.23	18.83	0.076	30.00	-11.17
3 MHz	QPSK	1711.5	-1.40	1 / 0	25.11	23.71	0.235	30.00	-6.29
		1732.5	-1.40	1 / 0	25.17	23.77	0.238	30.00	-6.23
		1753.5	-1.40	1 / 0	25.00	23.60	0.229	30.00	-6.40
	16-QAM	1753.5	-1.40	1 / 0	24.53	23.13	0.205	30.00	-6.87
	64-QAM	1711.5	-1.40	1 / 7	23.33	21.93	0.156	30.00	-8.07
	256-QAM	1753.5	-1.40	1 / 0	20.28	18.88	0.077	30.00	-11.12
5 MHz	QPSK	1712.5	-1.40	1 / 0	25.19	23.79	0.239	30.00	-6.21
		1732.5	-1.40	1 / 0	25.17	23.77	0.238	30.00	-6.23
		1752.5	-1.40	1 / 0	24.90	23.50	0.224	30.00	-6.50
	16-QAM	1712.5	-1.40	1 / 0	24.59	23.19	0.208	30.00	-6.81
	64-QAM	1732.5	-1.40	1 / 0	23.37	21.97	0.157	30.00	-8.03
	256-QAM	1712.5	-1.40	1 / 0	20.29	18.89	0.077	30.00	-11.11
10 MHz	QPSK	1715.0	-1.40	1 / 0	25.07	23.67	0.233	30.00	-6.33
		1732.5	-1.40	1 / 0	25.20	23.80	0.240	30.00	-6.20
		1750.0	-1.40	1 / 0	24.98	23.58	0.228	30.00	-6.42
	16-QAM	1732.5	-1.40	1 / 0	24.46	23.06	0.202	30.00	-6.94
	64-QAM	1715.0	-1.40	1 / 0	23.36	21.96	0.157	30.00	-8.04
	256-QAM	1750.0	-1.40	1 / 25	20.24	18.84	0.077	30.00	-11.16
15 MHz	QPSK	1717.5	-1.40	1 / 0	24.95	23.55	0.226	30.00	-6.45
		1732.5	-1.40	1 / 0	25.05	23.65	0.232	30.00	-6.35
		1747.5	-1.40	1 / 0	24.79	23.39	0.218	30.00	-6.61
	16-QAM	1747.5	-1.40	1 / 0	24.35	22.95	0.197	30.00	-7.05
	64-QAM	1717.5	-1.40	1 / 37	23.22	21.82	0.152	30.00	-8.18
	256-QAM	1747.5	-1.40	1 / 74	20.16	18.76	0.075	30.00	-11.24
20 MHz	QPSK	1720.0	-1.40	1 / 50	24.84	23.44	0.221	30.00	-6.56
		1732.5	-1.40	1 / 50	24.85	23.45	0.221	30.00	-6.55
		1745.0	-1.40	1 / 0	24.95	23.55	0.226	30.00	-6.45
	16-QAM	1745.0	-1.40	1 / 50	24.39	22.99	0.199	30.00	-7.01
	64-QAM	1745.0	-1.40	1 / 0	23.28	21.88	0.154	30.00	-8.12
	256-QAM	1720.0	-1.40	1 / 50	20.07	18.67	0.074	30.00	-11.33

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

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device	Page 293 of 344

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dB]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	1712.5	-1.40	1 / 1	24.92	23.52	0.225	30.00	-6.48
		1745.0	-1.40	1 / 1	24.93	23.53	0.225	30.00	-6.47
		1777.5	-1.40	1 / 1	24.85	23.45	0.221	30.00	-6.55
	QPSK	1712.5	-1.40	1 / 12	24.92	23.52	0.225	30.00	-6.48
		1745.0	-1.40	1 / 12	24.89	23.49	0.223	30.00	-6.51
		1777.5	-1.40	1 / 1	24.82	23.42	0.220	30.00	-6.58
	16-QAM	1712.5	-1.40	1 / 1	24.15	22.75	0.188	30.00	-7.25
64-QAM	1712.5	-1.40	1 / 1	23.09	21.69	0.148	30.00	-8.31	
256-QAM	1712.5	-1.40	1 / 12	20.80	19.40	0.087	30.00	-10.60	
10 MHz	π/2 BPSK	1715.0	-1.40	1 / 25	24.82	23.42	0.220	30.00	-6.58
		1745.0	-1.40	1 / 25	24.89	23.49	0.223	30.00	-6.51
		1775.0	-1.40	1 / 1	24.73	23.33	0.215	30.00	-6.67
	QPSK	1715.0	-1.40	1 / 50	24.80	23.40	0.219	30.00	-6.60
		1745.0	-1.40	1 / 1	24.87	23.47	0.222	30.00	-6.53
		1775.0	-1.40	1 / 1	24.81	23.41	0.219	30.00	-6.59
	16-QAM	1745.0	-1.40	1 / 1	24.12	22.72	0.187	30.00	-7.28
64-QAM	1745.0	-1.40	1 / 25	23.00	21.60	0.145	30.00	-8.40	
256-QAM	1745.0	-1.40	1 / 1	20.81	19.41	0.087	30.00	-10.59	
15 MHz	π/2 BPSK	1717.5	-1.40	1 / 1	25.04	23.64	0.231	30.00	-6.36
		1745.0	-1.40	1 / 1	24.99	23.59	0.228	30.00	-6.41
		1772.5	-1.40	1 / 1	24.82	23.42	0.220	30.00	-6.58
	QPSK	1717.5	-1.40	1 / 1	25.02	23.62	0.230	30.00	-6.38
		1745.0	-1.40	1 / 77	24.94	23.54	0.226	30.00	-6.46
		1772.5	-1.40	1 / 36	24.91	23.51	0.224	30.00	-6.49
	16-QAM	1717.5	-1.40	1 / 1	24.09	22.69	0.186	30.00	-7.31
64-QAM	1717.5	-1.40	1 / 1	23.14	21.74	0.149	30.00	-8.26	
256-QAM	1745.0	-1.40	1 / 1	21.08	19.68	0.093	30.00	-10.32	
20 MHz	π/2 BPSK	1720.0	-1.40	1 / 1	25.01	23.61	0.229	30.00	-6.39
		1745.0	-1.40	1 / 1	24.97	23.57	0.228	30.00	-6.43
		1770.0	-1.40	1 / 1	24.81	23.41	0.219	30.00	-6.59
	QPSK	1720.0	-1.40	1 / 1	25.07	23.67	0.233	30.00	-6.33
		1745.0	-1.40	1 / 50	25.03	23.63	0.231	30.00	-6.37
		1770.0	-1.40	1 / 1	24.82	23.42	0.220	30.00	-6.58
	16-QAM	1720.0	-1.40	1 / 104	24.11	22.71	0.187	30.00	-7.29
64-QAM	1745.0	-1.40	1 / 1	23.21	21.81	0.152	30.00	-8.19	
256-QAM	1720.0	-1.40	1 / 50	21.15	19.75	0.094	30.00	-10.25	
25 MHz	π/2 BPSK	1722.5	-1.40	1 / 1	25.07	23.67	0.233	30.00	-6.33
		1745.0	-1.40	1 / 1	25.00	23.60	0.229	30.00	-6.40
		1767.5	-1.40	1 / 1	25.04	23.64	0.231	30.00	-6.36
	QPSK	1722.5	-1.40	1 / 1	25.11	23.71	0.235	30.00	-6.29
		1745.0	-1.40	1 / 131	25.09	23.69	0.234	30.00	-6.31
		1767.5	-1.40	1 / 1	25.20	23.80	0.240	30.00	-6.20
	16-QAM	1745.0	-1.40	1 / 131	24.03	22.63	0.183	30.00	-7.37
64-QAM	1722.5	-1.40	1 / 1	23.06	21.66	0.146	30.00	-8.34	
256-QAM	1722.5	-1.40	1 / 1	21.16	19.76	0.095	30.00	-10.24	
30 MHz	π/2 BPSK	1725.0	-1.40	1 / 1	24.89	23.49	0.223	30.00	-6.51
		1745.0	-1.40	1 / 1	24.93	23.53	0.226	30.00	-6.47
		1765.0	-1.40	1 / 1	24.90	23.50	0.224	30.00	-6.50
	QPSK	1725.0	-1.40	1 / 158	24.93	23.53	0.225	30.00	-6.47
		1745.0	-1.40	1 / 80	24.94	23.54	0.226	30.00	-6.46
		1765.0	-1.40	1 / 1	24.86	23.46	0.222	30.00	-6.54
	16-QAM	1745.0	-1.40	1 / 1	24.12	22.72	0.187	30.00	-7.28
64-QAM	1745.0	-1.40	1 / 1	23.03	21.63	0.145	30.00	-8.37	
256-QAM	1725.0	-1.40	1 / 1	21.07	19.67	0.093	30.00	-10.33	
35 MHz	π/2 BPSK	1727.5	-1.40	1 / 1	25.12	23.72	0.235	30.00	-6.28
		1745.0	-1.40	1 / 1	25.15	23.75	0.237	30.00	-6.25
		1762.5	-1.40	1 / 1	25.04	23.64	0.231	30.00	-6.36
	QPSK	1727.5	-1.40	1 / 1	25.14	23.74	0.237	30.00	-6.26
		1745.0	-1.40	1 / 1	25.17	23.77	0.238	30.00	-6.23
		1762.5	-1.40	1 / 1	24.99	23.59	0.228	30.00	-6.41
	16-QAM	1727.5	-1.40	1 / 1	24.13	22.73	0.187	30.00	-7.27
64-QAM	1727.5	-1.40	1 / 186	23.22	21.82	0.152	30.00	-8.18	
256-QAM	1727.5	-1.40	1 / 93	21.02	19.62	0.092	30.00	-10.38	
40 MHz	π/2 BPSK	1730.0	-1.40	1 / 1	25.00	23.60	0.229	30.00	-6.40
		1745.0	-1.40	1 / 108	24.85	23.45	0.221	30.00	-6.55
		1760.0	-1.40	1 / 108	24.94	23.54	0.226	30.00	-6.46
	QPSK	1730.0	-1.40	1 / 1	24.95	23.55	0.226	30.00	-6.45
		1745.0	-1.40	1 / 108	24.98	23.58	0.228	30.00	-6.42
		1760.0	-1.40	1 / 1	24.83	23.43	0.220	30.00	-6.57
	16-QAM	1760.0	-1.40	1 / 214	24.07	22.67	0.185	30.00	-7.33
64-QAM	1760.0	-1.40	1 / 108	23.11	21.71	0.148	30.00	-8.29	
256-QAM	1760.0	-1.40	1 / 1	21.21	19.81	0.096	30.00	-10.19	

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

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2311270070-09.BCG	Test Dates: 10/1/2023 - 3/19/2024	EUT Type: Tablet Device
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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	π/2 BPSK	1697.5	-3.10	1 / 1	25.02	21.92	0.155	30.00	-8.08
		1702.5	-3.10	1 / 1	24.95	21.85	0.153	30.00	-8.15
		1707.5	-3.10	1 / 12	24.96	21.86	0.153	30.00	-8.14
	QPSK	1697.5	-3.10	1 / 1	25.11	22.01	0.159	30.00	-7.99
		1702.5	-3.10	1 / 23	24.97	21.87	0.154	30.00	-8.13
		1707.5	-3.10	1 / 12	24.97	21.87	0.154	30.00	-8.13
	16-QAM	1697.5	-3.10	1 / 1	24.18	21.08	0.128	30.00	-8.92
	64-QAM	1702.5	-3.10	1 / 23	23.14	20.04	0.101	30.00	-9.96
	256-QAM	1702.5	-3.10	1 / 1	20.98	17.88	0.061	30.00	-12.12
10 MHz	π/2 BPSK	1697.5	-3.10	1 / 25	24.97	21.87	0.154	30.00	-8.13
		1702.5	-3.10	1 / 50	24.95	21.85	0.153	30.00	-8.15
		1707.5	-3.10	1 / 1	25.09	21.99	0.158	30.00	-8.01
	QPSK	1697.5	-3.10	1 / 1	25.01	21.91	0.155	30.00	-8.09
		1702.5	-3.10	1 / 50	25.04	21.94	0.156	30.00	-8.06
		1707.5	-3.10	1 / 1	25.08	21.98	0.158	30.00	-8.02
	16-QAM	1707.5	-3.10	1 / 1	24.09	20.99	0.126	30.00	-9.01
	64-QAM	1697.5	-3.10	1 / 1	23.12	20.02	0.100	30.00	-9.98
	256-QAM	1697.5	-3.10	1 / 50	21.02	17.92	0.062	30.00	-12.08
15 MHz	π/2 BPSK	1697.5	-3.10	1 / 36	25.20	22.10	0.162	30.00	-7.90
		1702.5	-3.10	1 / 36	25.17	22.07	0.161	30.00	-7.93
		1707.5	-3.10	1 / 1	25.17	22.07	0.161	30.00	-7.93
	QPSK	1697.5	-3.10	1 / 77	24.87	21.77	0.150	30.00	-8.23
		1702.5	-3.10	1 / 77	24.97	21.87	0.154	30.00	-8.13
		1707.5	-3.10	1 / 36	24.91	21.81	0.152	30.00	-8.19
	16-QAM	1707.5	-3.10	1 / 1	24.12	21.02	0.126	30.00	-8.98
	64-QAM	1697.5	-3.10	1 / 1	23.05	19.95	0.099	30.00	-10.05
	256-QAM	1697.5	-3.10	1 / 77	20.95	17.85	0.061	30.00	-12.15

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

WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	22.67	-1.40	21.27	0.134	30.00	-8.73
1732.60	WCDMA1700	22.61	-1.40	21.21	0.132	30.00	-8.79
1752.60	WCDMA1700	22.63	-1.40	21.23	0.133	30.00	-8.77

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 x RBW
3. Span = 1.5 times the OBW
4. No. of sweep points \geq 2 x 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.

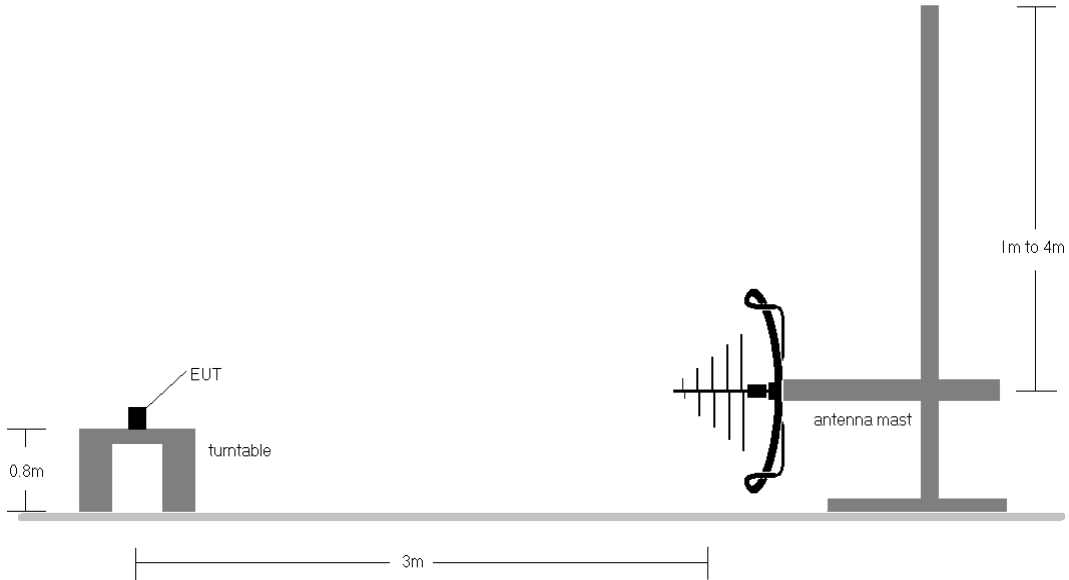


Figure 7-6. Test Instrument & Measurement Setup < 1GHz

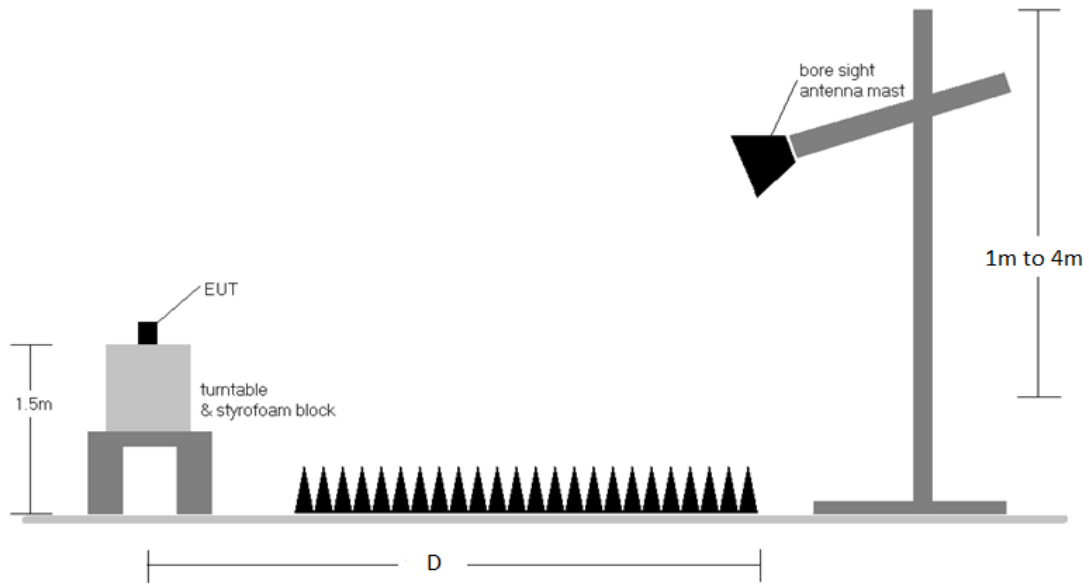




Figure 7-7. Test Instrument & Measurement Setup > 1GHz

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Test Notes

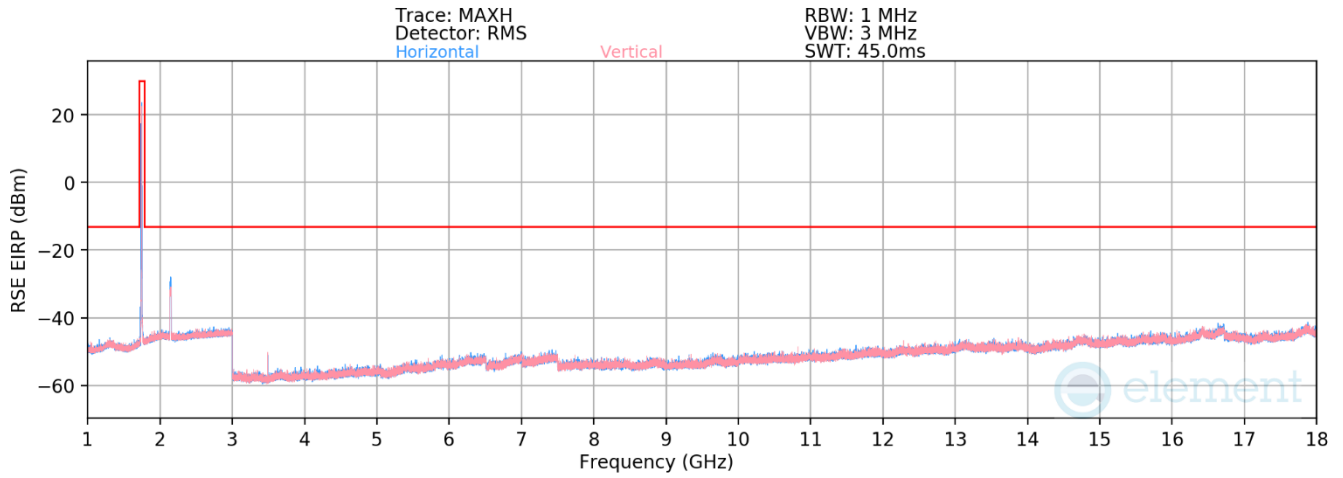
1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m})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

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7.7.1 Antenna 3 – Radiated Spurious Emission Measurement

LTE Band 66/4



Plot 7-478. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 66)

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Bandwidth (MHz):	20
Frequency (MHz):	1720.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3440.0	V	333	279	-70.28	1.48	38.20	-57.06	-13.00	-44.06
5160.0	V	-	-	-78.72	4.81	33.09	-62.17	-13.00	-49.17
6880.0	V	-	-	-79.55	8.64	36.09	-59.17	-13.00	-46.17
8600.0	V	-	-	-80.31	8.62	35.31	-59.94	-13.00	-46.94

Table 7-34. 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	V	264	251	-69.19	1.01	38.82	-56.44	-13.00	-43.44
5235.0	V	-	-	-78.47	4.48	33.02	-62.24	-13.00	-49.24
6980.0	V	-	-	-79.37	8.88	36.51	-58.74	-13.00	-45.74
8725.0	V	-	-	-80.37	9.10	35.73	-59.53	-13.00	-46.53

Table 7-35. Antenna 3 Radiated Spurious Data (LTE Band 66/4 – Mid Channel)

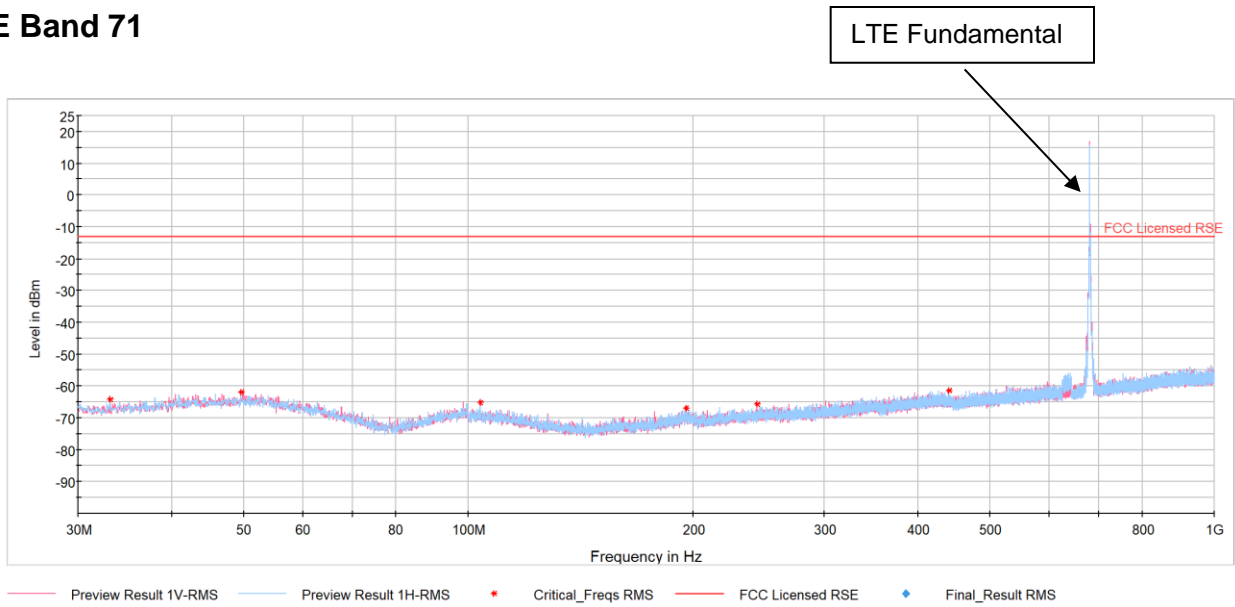
Bandwidth (MHz):	20
Frequency (MHz):	1770.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.0	V	102	297	-70.31	1.41	38.10	-57.16	-13.00	-44.16
5310.0	V	-	-	-78.50	5.11	33.61	-61.65	-13.00	-48.65
7080.0	V	-	-	-79.82	8.83	36.00	-59.26	-13.00	-46.26
8850.0	V	-	-	-80.89	9.91	36.02	-59.24	-13.00	-46.24

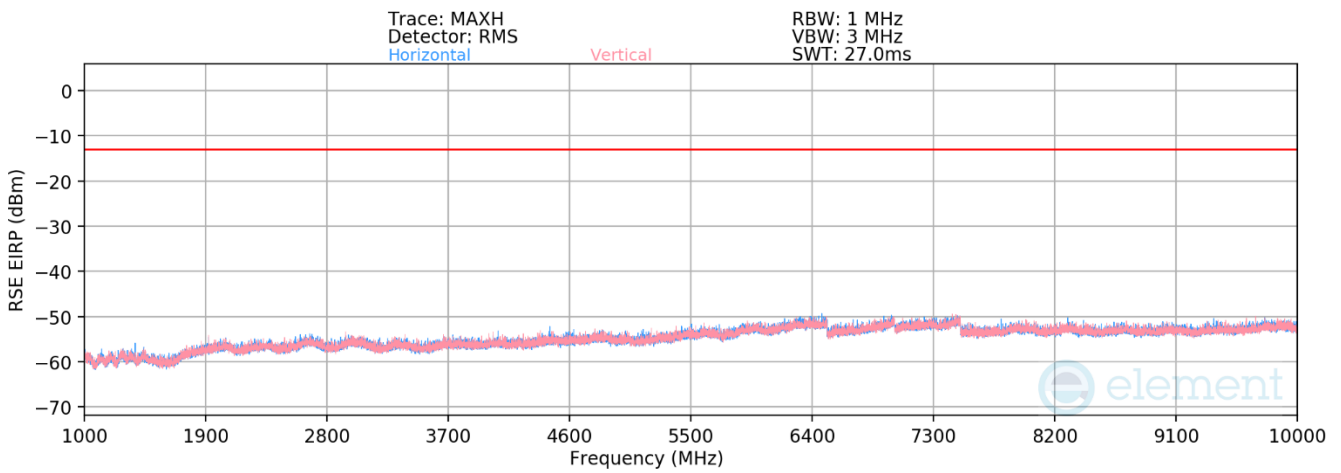
Table 7-36. Antenna 3 Radiated Spurious Data (LTE Band 66/4 – High Channel)

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LTE Band 71



Plot 7-479. Antenna 3 Radiated Spurious Emission below 1GHz (LTE Band 71)



Plot 7-480. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 71)

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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	-	-	-72.00	-4.77	30.23	-65.03	-13.00	-52.03
2019.0	H	-	-	-73.67	-1.15	32.18	-63.08	-13.00	-50.08
2692.0	H	-	-	-75.05	1.10	33.05	-62.21	-13.00	-49.21

Table 7-37. 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	-	-	-71.90	-4.77	30.33	-64.93	-13.00	-51.93
2041.5	H	-	-	-73.77	-1.06	32.17	-63.09	-13.00	-50.09
2722.0	H	-	-	-75.05	1.05	33.01	-62.25	-13.00	-49.25

Table 7-38. Antenna 3 Radiated Spurious Data (LTE Band 71 – Mid Channel)

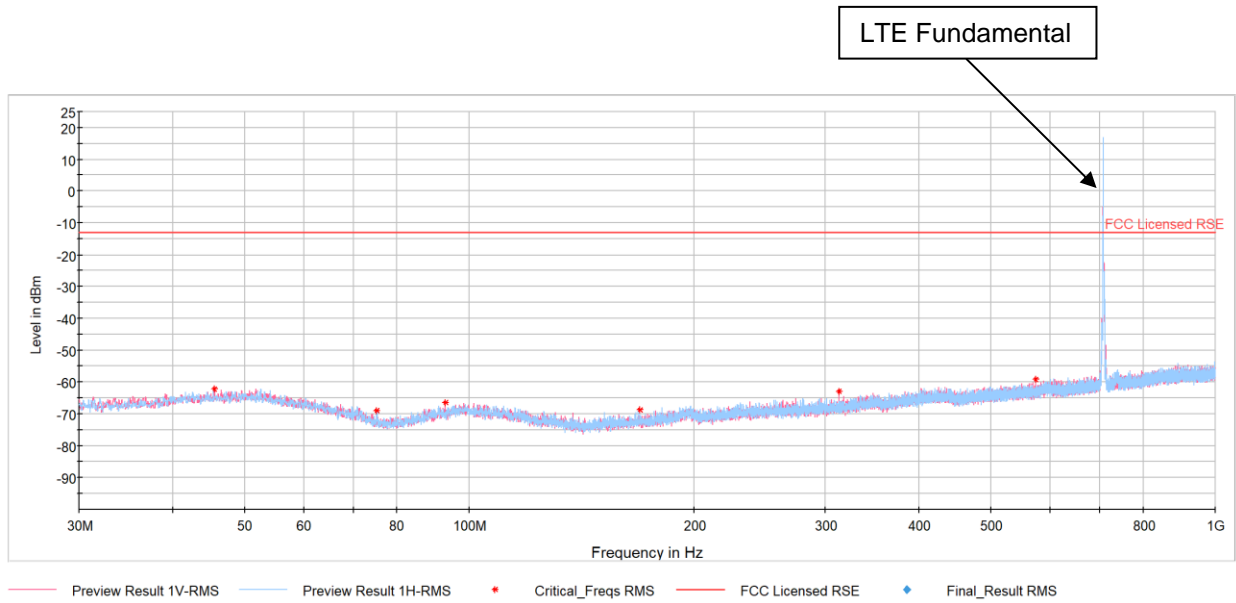
Bandwidth (MHz):	20
Frequency (MHz):	688.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.0	V	361	47	-72.16	-4.72	30.12	-65.14	-13.00	-52.14
2064.0	V	-	-	-73.65	-1.01	32.33	-62.93	-13.00	-49.93
2752.0	V	-	-	-75.06	0.74	32.67	-62.59	-13.00	-49.59
3440.0	V	-	-	-76.14	1.79	32.65	-62.60	-13.00	-49.60

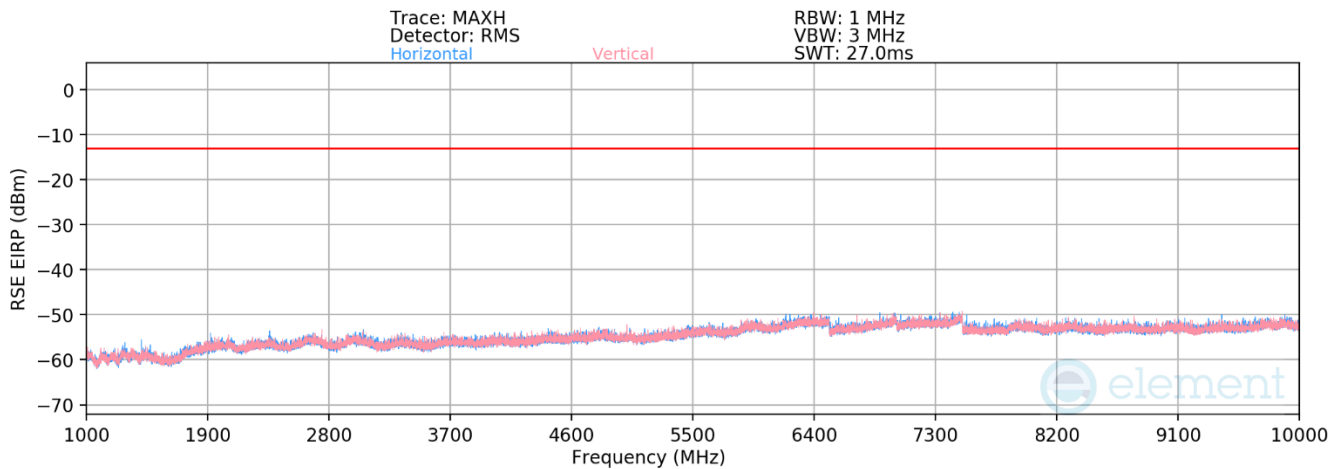
Table 7-39. Antenna 3 Radiated Spurious Data (LTE Band 71 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 12/17



Plot 7-481. Antenna 3 Radiated Spurious Emission below 1GHz (LTE Band 12/17)



Plot 7-482. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 12/17)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	10
Frequency (MHz):	704.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1408.0	H	138	181	-71.66	-5.25	30.10	-65.16	-13.00	-52.16
2112.0	H	-	-	-74.09	-1.14	31.78	-63.48	-13.00	-50.48
2816.0	H	-	-	-75.30	0.10	31.80	-63.46	-13.00	-50.46
3520.0	H	-	-	-76.12	1.30	32.18	-63.08	-13.00	-50.08

Table 7-40. 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	-	-	-72.26	-4.97	29.77	-65.49	-13.00	-52.49
2122.5	H	-	-	-74.06	-1.48	31.47	-63.79	-13.00	-50.79
2830.0	H	-	-	-75.33	0.10	31.77	-63.49	-13.00	-50.49

Table 7-41. Antenna 3 Radiated Spurious Data (LTE Band 12/17 – Mid Channel)

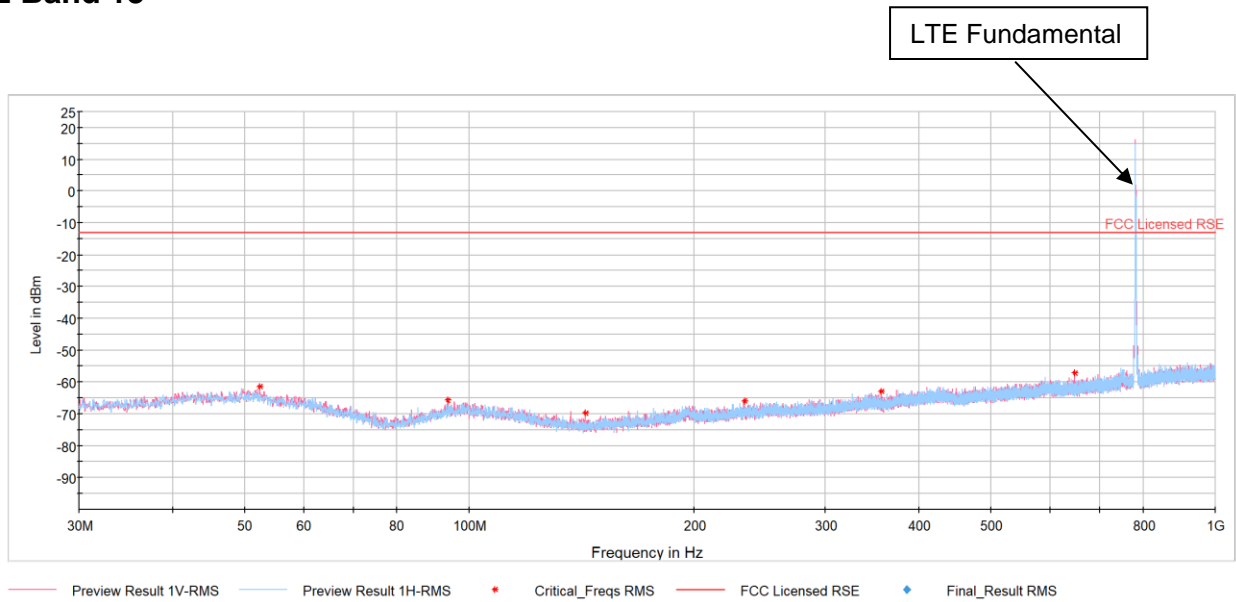
Bandwidth (MHz):	10
Frequency (MHz):	711.0
RB / Offset:	1 / 25

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	H	-	-	-71.95	-4.97	30.07	-65.18	-13.00	-52.18
2133.0	H	-	-	-74.30	-1.48	31.22	-64.04	-13.00	-51.04
2844.0	H	-	-	-75.13	0.00	31.87	-63.38	-13.00	-50.38

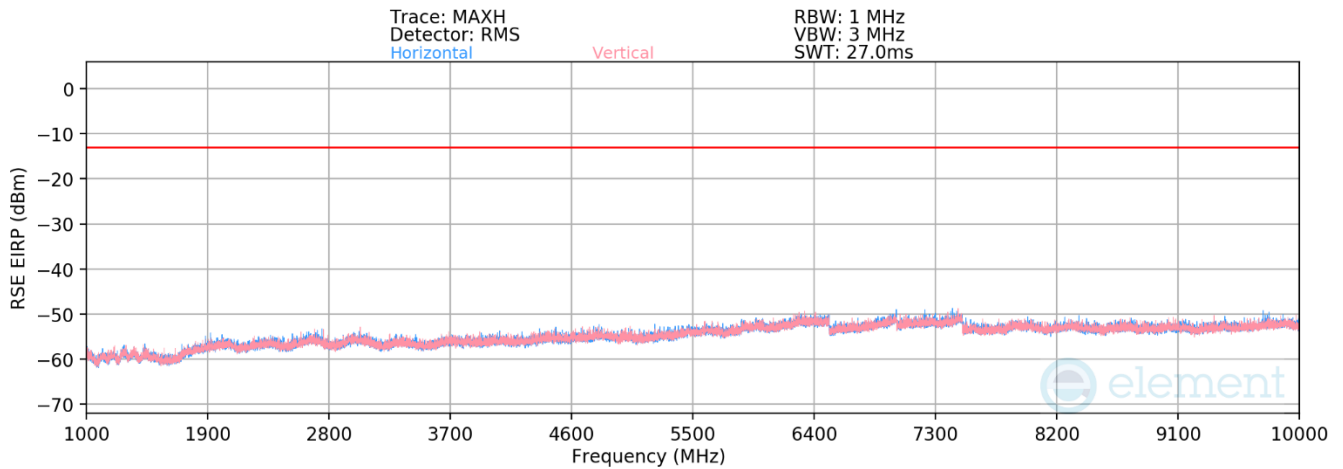
Table 7-42. Antenna 3 Radiated Spurious Data (LTE Band 12/17 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 13



Plot 7-483. Antenna 3 Radiated Spurious Emission below 1GHz (LTE Band 13)



Plot 7-484. Antenna 3 Radiated Spurious Emission above 1GHz (LTE Band 13)

FCC ID: BCGA2926	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	H	-	-	-72.99	-5.30	28.71	-66.55	-40.00	-26.55
2338.5	H	-	-	-74.05	-0.52	32.43	-62.83	-13.00	-49.83
3118.0	H	-	-	-75.87	1.72	32.84	-62.41	-13.00	-49.41

Table 7-43. 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	H	-	-	-72.95	-5.43	28.62	-66.64	-40.00	-26.64
2346.0	H	-	-	-74.33	-0.38	32.30	-62.96	-13.00	-49.96
3128.0	H	-	-	-75.67	1.50	32.84	-62.42	-13.00	-49.42

Table 7-44. Antenna 3 Radiated Spurious Data (LTE Band 13 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1569.0	H	-	-	-72.47	-5.43	29.10	-66.16	-40.00	-26.16
2353.5	H	-	-	-74.27	-0.32	32.41	-62.85	-13.00	-49.85
3138.0	H	-	-	-75.60	1.50	32.91	-62.35	-13.00	-49.35

Table 7-45. Antenna 3 Radiated Spurious Data (LTE Band 13 – High Channel)

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NR Band n66

Bandwidth (MHz):	40
Frequency (MHz):	1730.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3460.0	H	-	-	-77.12	1.48	31.36	-63.89	-13.00	-50.89
5190.0	H	-	-	-78.44	4.70	33.26	-61.99	-13.00	-48.99
6920.0	H	-	-	-79.18	8.69	36.50	-58.75	-13.00	-45.75

Table 7-46. Antenna 3 Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1745.0
RB / Offset:	1 / 108


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	H	-	-	-76.88	1.15	31.27	-63.99	-13.00	-50.99
5235.0	H	-	-	-78.46	4.48	33.02	-62.24	-13.00	-49.24
6980.0	H	-	-	-79.51	8.88	36.37	-58.88	-13.00	-45.88

Table 7-47. Antenna 3 Radiated Spurious Data (NR Band n66 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1760.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3520.0	H	-	-	-76.82	1.18	31.36	-63.90	-13.00	-50.90
5280.0	H	-	-	-78.25	4.76	33.50	-61.76	-13.00	-48.76
7040.0	H	-	-	-79.46	8.81	36.36	-58.90	-13.00	-45.90

Table 7-48. Antenna 3 Radiated Spurious Data (NR Band n66 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n70

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3400.0	H	-	-	-77.38	2.20	31.82	-63.44	-13.00	-50.44
5100.0	H	-	-	-78.79	4.99	33.20	-62.06	-13.00	-49.06
6800.0	H	-	-	-79.22	7.95	35.73	-59.53	-13.00	-46.53

Table 7-49. Antenna 3 Radiated Spurious Data (NR Band n70 – Low Channel)

Bandwidth (MHz):	10
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	-	-	-77.25	2.11	31.86	-63.40	-13.00	-50.40
5107.5	H	-	-	-78.91	5.00	33.09	-62.17	-13.00	-49.17
6810.0	H	-	-	-79.33	8.23	35.90	-59.35	-13.00	-46.35

Table 7-50. Antenna 3 Radiated Spurious Data (NR Band n70 – Mid Channel)

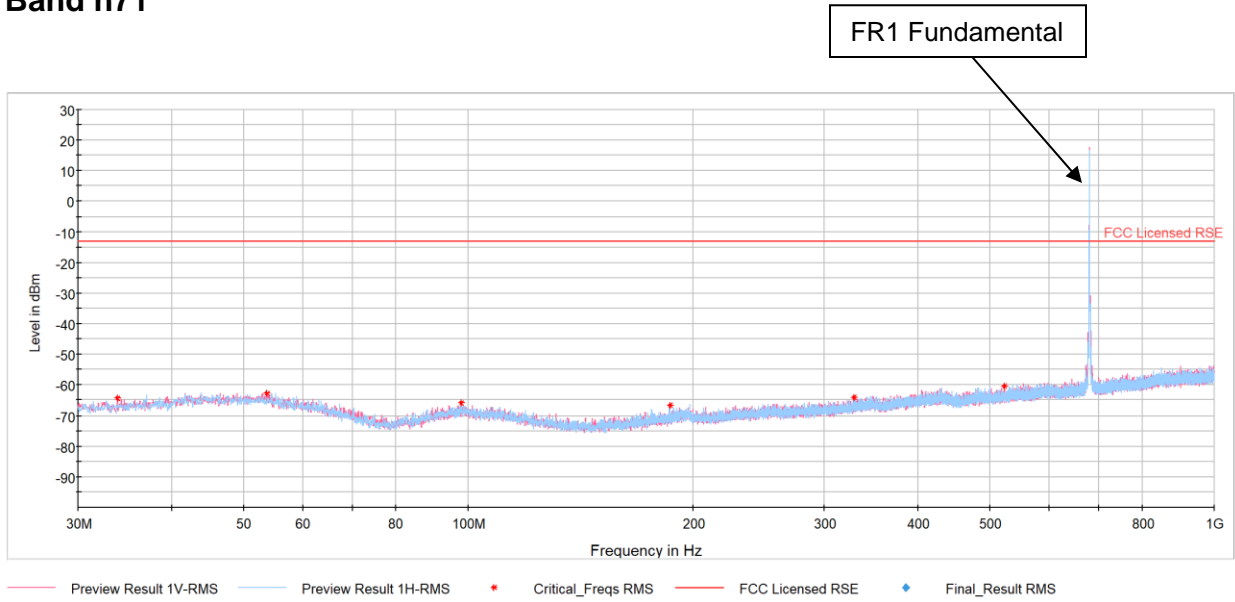
Bandwidth (MHz):	10
Frequency (MHz):	1705.0
RB / Offset:	1 / 25

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	H	-	-	-77.37	1.83	31.47	-63.79	-13.00	-50.79
5115.0	H	-	-	-78.80	4.97	33.17	-62.08	-13.00	-49.08
6820.0	H	-	-	-79.28	8.57	36.30	-58.96	-13.00	-45.96

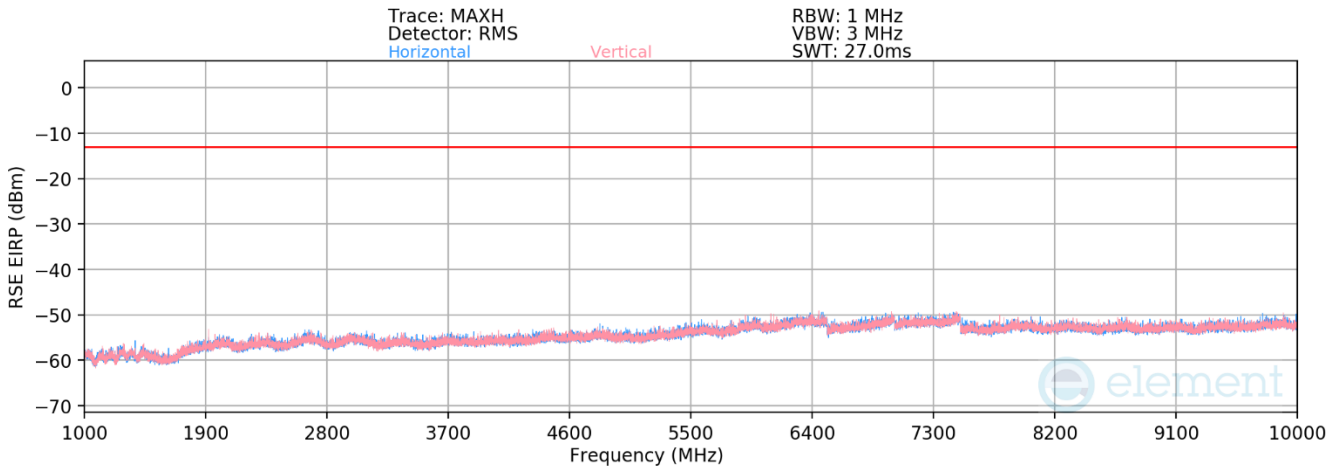
Table 7-51. Antenna 3 Radiated Spurious Data (NR Band n70 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n71



Plot 7-485. Antenna 3 Radiated Spurious Emission below 1GHz (NR Band n71)



Plot 7-486. Antenna 3 Radiated Spurious Emission above 1GHz (NR Band n71)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	20
Frequency (MHz):	673.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1346.0	H	-	-	-71.61	-4.77	30.62	-64.64	-13.00	-51.64
2019.0	H	-	-	-73.18	-1.20	32.62	-62.64	-13.00	-49.64
2692.0	H	-	-	-74.45	1.10	33.65	-61.60	-13.00	-48.60

Table 7-52. Antenna 3 Radiated Spurious Data (NR Band n71 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 50


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1361.0	H	111	191	-71.07	-4.79	31.14	-64.12	-13.00	-51.12
2041.5	H	-	-	-73.31	-1.06	32.62	-62.64	-13.00	-49.64
2722.0	H	-	-	-74.60	1.05	33.45	-61.81	-13.00	-48.81
3402.5	H	-	-	-75.62	2.04	33.42	-61.84	-13.00	-48.84

Table 7-53. Antenna 3 Radiated Spurious Data (NR Band n71 – Mid Channel)

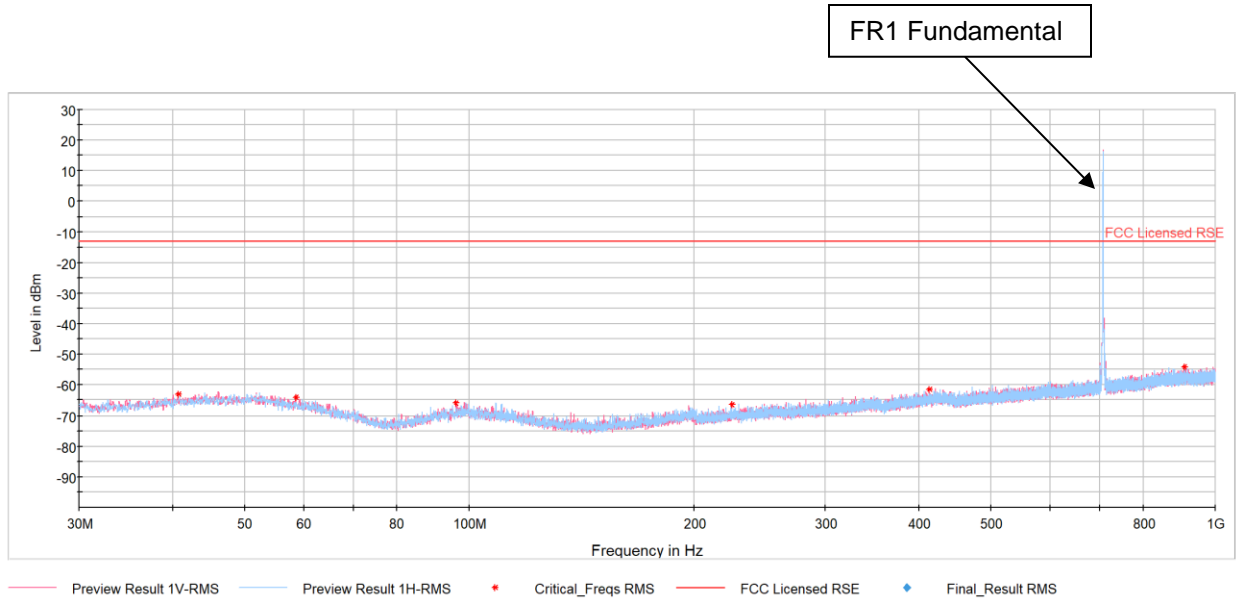
Bandwidth (MHz):	20
Frequency (MHz):	688.0
RB / Offset:	1 / 50

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	V	375	112	-70.68	-4.72	31.60	-63.66	-13.00	-50.66
2064.0	V	-	-	-73.04	-1.01	32.95	-62.31	-13.00	-49.31
2752.0	V	-	-	-74.75	0.74	32.98	-62.27	-13.00	-49.27
3440.0	V	-	-	-75.83	1.79	32.97	-62.29	-13.00	-49.29

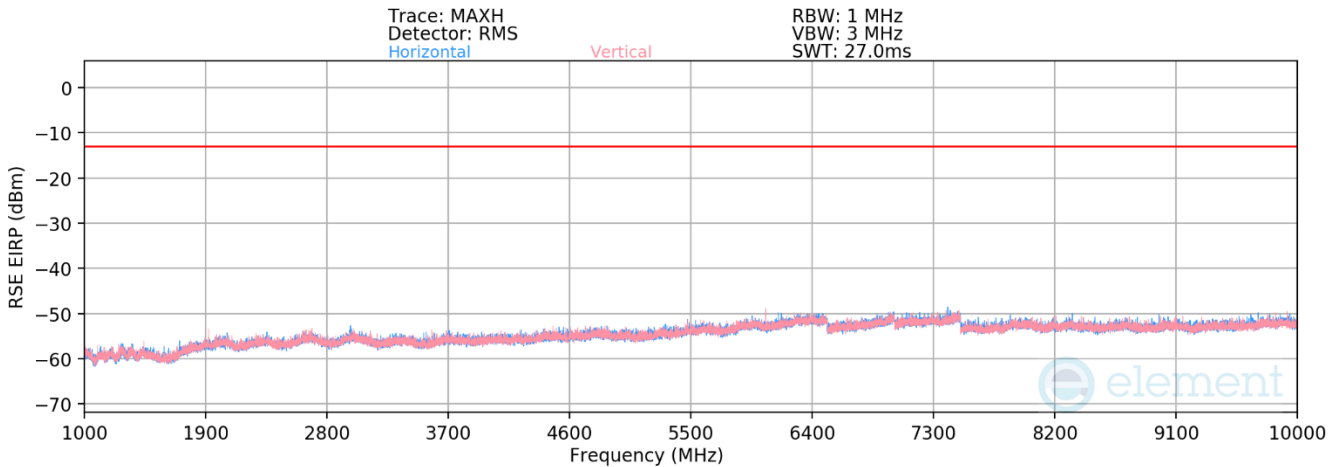
Table 7-54. Antenna 3 Radiated Spurious Data (NR Band n71 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n12



Plot 7-487. Antenna 3 Radiated Spurious Emission below 1GHz (NR Band n12)



Plot 7-488. Antenna 3 Radiated Spurious Emission above 1GHz (NR Band n12)

FCC ID: BCGA2926	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	15
Frequency (MHz):	706.5
RB / Offset:	1 / 37

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1413.0	H	-	-	-71.93	-4.97	30.10	-65.16	-13.00	-52.16
2119.5	H	-	-	-73.71	-1.48	31.81	-63.44	-13.00	-50.44
2826.0	H	-	-	-74.89	0.10	32.21	-63.05	-13.00	-50.05

Table 7-55. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.0	H	-	-	-71.73	-5.12	30.14	-65.11	-13.00	-52.11
2122.5	H	-	-	-73.69	-1.48	31.84	-63.42	-13.00	-50.42
2830.0	H	-	-	-74.90	0.10	32.20	-63.06	-13.00	-50.06

Table 7-56. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1417.0	H	-	-	-71.91	-4.97	30.12	-65.14	-13.00	-52.14
2125.5	H	-	-	-73.84	-1.48	31.69	-63.57	-13.00	-50.57
2834.0	H	-	-	-74.74	0.10	32.36	-62.90	-13.00	-49.90

Table 7-57. Antenna 3 Radiated Spurious Data (NR Band n12 – High Channel)

FCC ID: BCGA2926	 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	-	-	-75.96	-0.75	30.29	-64.97	-13.00	-51.97
5137.2	H	-	-	-77.53	2.44	31.91	-63.35	-13.00	-50.35
6849.6	H	-	-	-78.05	4.89	33.84	-61.42	-13.00	-48.42

7-58. 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	-	-	-75.99	-0.66	30.35	-64.90	-13.00	-51.90
5197.8	H	-	-	-77.64	2.57	31.93	-63.33	-13.00	-50.33
6930.4	H	-	-	-78.13	4.94	33.81	-61.45	-13.00	-48.45

Table 7-59. 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	-	-	-76.05	-0.66	30.29	-64.97	-13.00	-51.97
5257.8	H	-	-	-77.42	2.58	32.15	-63.11	-13.00	-50.11
7010.4	H	-	-	-78.00	4.99	33.98	-61.27	-13.00	-48.27

Table 7-60. Antenna 3 Radiated Spurious Data (WCDMA AWS – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	-	-	-77.44	1.71	31.27	-63.99	-13.00	-50.99
5160.0	H	-	-	-78.83	4.81	32.99	-62.27	-13.00	-49.27
6880.0	H	-	-	-79.53	8.64	36.11	-59.15	-13.00	-46.15

Table 7-61. 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	-	-	-76.82	1.15	31.33	-63.92	-13.00	-50.92
5235.0	H	-	-	-78.55	4.48	32.93	-62.32	-13.00	-49.32
6980.0	H	-	-	-79.59	8.87	36.28	-58.98	-13.00	-45.98

Table 7-62. Antenna 1 Radiated Spurious Data (LTE Band 66/4 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.0	H	-	-	-76.82	1.24	31.43	-63.83	-13.00	-50.83
5310.0	H	-	-	-78.74	5.11	33.36	-61.89	-13.00	-48.89
7080.0	H	-	-	-79.78	8.83	36.05	-59.21	-13.00	-46.21

Table 7-63. Antenna 1 Radiated Spurious Data (LTE Band 66/4 – High Channel)

FCC ID: BCGA2926	 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1346.0	H	-	-	-72.16	-4.76	30.08	-65.17	-13.00	-52.17
2019.0	H	-	-	-73.70	-1.15	32.15	-63.11	-13.00	-50.11
2692.0	H	-	-	-75.11	1.10	33.00	-62.26	-13.00	-49.26

Table 7-64. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1361.0	H	-	-	-71.88	-4.83	30.29	-64.97	-13.00	-51.97
2041.5	H	-	-	-73.89	-1.06	32.04	-63.21	-13.00	-50.21
2722.0	H	-	-	-75.22	1.05	32.83	-62.43	-13.00	-49.43

Table 7-65. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.0	H	-	-	-72.25	-4.79	29.95	-65.30	-13.00	-52.30
2064.0	H	-	-	-73.85	-0.89	32.26	-62.99	-13.00	-49.99
2752.0	H	-	-	-75.04	0.74	32.70	-62.56	-13.00	-49.56

Table 7-66. Antenna 1 Radiated Spurious Data (LTE Band 71 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 12/17

Bandwidth (MHz):	10
Frequency (MHz):	704.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1408.0	V	-	-	-72.44	-5.12	29.44	-65.82	-13.00	-52.82
2112.0	V	-	-	-74.43	-1.14	31.44	-63.82	-13.00	-50.82
2816.0	V	-	-	-75.55	0.26	31.71	-63.55	-13.00	-50.55

Table 7-67. 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	-	-	-72.02	-5.12	29.86	-65.39	-13.00	-52.39
2122.5	V	-	-	-74.34	-1.48	31.18	-64.07	-13.00	-51.07
2830.0	V	-	-	-75.20	0.00	31.80	-63.46	-13.00	-50.46

Table 7-68. Antenna 1 Radiated Spurious Data (LTE Band 12/17 – Mid Channel)

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1422.0	V	236	35	-72.08	-5.12	29.79	-65.46	-13.00	-52.46
2133.0	V	-	-	-74.47	-1.48	31.06	-64.20	-13.00	-51.20
2844.0	V	-	-	-75.06	0.00	31.94	-63.32	-13.00	-50.32
3555.0	V	-	-	-76.05	1.30	32.25	-63.01	-13.00	-50.01

Table 7-69. Antenna 1 Radiated Spurious Data (LTE Band 12/17 – High Channel)

FCC ID: BCGA2926	 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	H	-	-	-72.90	-5.43	28.67	-66.59	-40.00	-26.59
2338.5	H	-	-	-74.42	-0.52	32.07	-63.19	-13.00	-50.19
3118.0	H	-	-	-75.79	1.72	32.93	-62.33	-13.00	-49.33

Table 7-70. 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	H	-	-	-72.92	-5.46	28.62	-66.64	-40.00	-26.64
2346.0	H	-	-	-74.44	-0.32	32.25	-63.01	-13.00	-50.01
3128.0	H	-	-	-75.80	1.50	32.70	-62.55	-13.00	-49.55

Table 7-71. 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	H	-	-	-72.85	-5.43	28.72	-66.54	-40.00	-26.54
2353.5	H	-	-	-74.34	-0.32	32.34	-62.91	-13.00	-49.91
3138.0	H	-	-	-75.65	1.50	32.85	-62.40	-13.00	-49.40

Table 7-72. Antenna 1 Radiated Spurious Data (LTE Band 13 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66

Bandwidth (MHz):	40
Frequency (MHz):	1730.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3460.0	H	-	-	-77.16	1.48	31.32	-63.93	-13.00	-50.93
5190.0	H	-	-	-78.48	4.70	33.22	-62.04	-13.00	-49.04
6920.0	H	-	-	-79.24	8.69	36.45	-58.81	-13.00	-45.81

Table 7-73. Antenna 1 Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1745.0
RB / Offset:	1 / 108


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	H	-	-	-76.74	1.15	31.41	-63.85	-13.00	-50.85
5235.0	H	-	-	-78.55	4.48	32.94	-62.32	-13.00	-49.32
6980.0	H	-	-	-79.48	8.88	36.41	-58.85	-13.00	-45.85

Table 7-74. Antenna 1 Radiated Spurious Data (NR Band n66 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1760.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3520.0	H	-	-	-76.78	1.18	31.40	-63.86	-13.00	-50.86
5280.0	H	-	-	-78.27	4.76	33.48	-61.77	-13.00	-48.77
7040.0	H	-	-	-79.44	8.81	36.37	-58.88	-13.00	-45.88

Table 7-75. Antenna 1 Radiated Spurious Data (NR Band n66 – High Channel)

FCC ID: BCGA2926	 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3400.0	H	-	-	-77.30	2.20	31.90	-63.36	-13.00	-50.36
5100.0	H	-	-	-78.58	4.99	33.40	-61.85	-13.00	-48.85
6800.0	H	-	-	-79.33	7.95	35.62	-59.64	-13.00	-46.64

Table 7-76. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3405.0	H	-	-	-77.24	2.11	31.87	-63.39	-13.00	-50.39
5107.5	H	-	-	-78.87	5.00	33.13	-62.13	-13.00	-49.13
6810.0	H	-	-	-79.26	8.23	35.97	-59.28	-13.00	-46.28

Table 7-77. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3410.0	H	-	-	-77.35	1.83	31.48	-63.78	-13.00	-50.78
5115.0	H	-	-	-78.66	4.97	33.32	-61.94	-13.00	-48.94
6820.0	H	-	-	-79.34	8.57	36.23	-59.02	-13.00	-46.02

Table 7-78. Antenna 1 Radiated Spurious Data (NR Band n70 – High Channel)

FCC ID: BCGA2926	 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	-	-	-71.59	-4.83	30.58	-64.68	-13.00	-51.68
2019.0	V	-	-	-73.37	-1.06	32.57	-62.69	-13.00	-49.69
2692.0	V	-	-	-74.56	1.07	33.52	-61.74	-13.00	-48.74

Table 7-79. 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	V	-	-	-71.41	-4.77	30.83	-64.43	-13.00	-51.43
2041.5	V	-	-	-73.34	-1.06	32.60	-62.66	-13.00	-49.66
2722.0	V	-	-	-74.77	1.05	33.29	-61.97	-13.00	-48.97

Table 7-80. 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	V	-	-	-71.77	-4.79	30.44	-64.82	-13.00	-51.82
2064.0	V	-	-	-73.14	-1.01	32.85	-62.41	-13.00	-49.41
2752.0	V	-	-	-74.54	0.74	33.19	-62.07	-13.00	-49.07

Table 7-81. Antenna 1 Radiated Spurious Data (NR Band n71 – High Channel)

FCC ID: BCGA2926	 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1413.0	H	-	-	-71.91	-4.97	30.12	-65.14	-13.00	-52.14
2119.5	H	-	-	-73.74	-1.34	31.91	-63.34	-13.00	-50.34
2826.0	H	-	-	-74.60	0.10	32.50	-62.76	-13.00	-49.76

Table 7-82. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.0	H	-	-	-71.48	-5.12	30.40	-64.86	-13.00	-51.86
2122.5	H	-	-	-73.71	-1.48	31.81	-63.45	-13.00	-50.45
2830.0	H	-	-	-74.83	0.10	32.27	-62.99	-13.00	-49.99

Table 7-83. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1417.0	H	-	-	-71.41	-5.12	30.46	-64.79	-13.00	-51.79
2125.5	H	-	-	-73.69	-1.48	31.84	-63.42	-13.00	-50.42
2834.0	H	-	-	-74.64	0.00	32.36	-62.90	-13.00	-49.90

Table 7-84. Antenna 1 Radiated Spurious Data (NR Band n12 – High Channel)

FCC ID: BCGA2926	 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	-	-	-78.25	2.47	31.22	-64.04	-13.00	-51.04
5137.2	H	-	-	-79.62	5.51	32.88	-62.38	-13.00	-49.38
6849.6	H	-	-	-79.97	8.55	35.58	-59.68	-13.00	-46.68

7-85. Antenna 1 Radiated Spurious Data (WCDMA AWS – Low Channel)

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


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.2	H	-	-	-78.10	2.52	31.41	-63.84	-13.00	-50.84
5197.8	H	-	-	-78.88	5.20	33.32	-61.93	-13.00	-48.93
6930.4	H	-	-	-79.70	8.32	35.62	-59.63	-13.00	-46.63

Table 7-86. 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	H	-	-	-77.93	2.37	31.44	-63.82	-13.00	-50.82
5257.8	H	-	-	-78.93	5.32	33.39	-61.87	-13.00	-48.87
7010.4	H	-	-	-79.72	8.13	35.42	-59.84	-13.00	-46.84

Table 7-87. Antenna 1 Radiated Spurious Data (WCDMA AWS – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.7.3 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3440.0	H	-	-	-77.37	1.71	31.34	-63.92	-13.00	-50.92
5160.0	H	-	-	-78.76	4.81	33.06	-62.20	-13.00	-49.20
6880.0	H	-	-	-79.43	8.64	36.21	-59.05	-13.00	-46.05

Table 7-88. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	H	-	-	-76.68	1.15	31.47	-63.78	-13.00	-50.78
5235.0	H	-	-	-78.63	4.48	32.85	-62.40	-13.00	-49.40
6980.0	H	-	-	-79.59	8.88	36.30	-58.96	-13.00	-45.96

Table 7-89. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.0	H	-	-	-76.66	1.24	31.59	-63.67	-13.00	-50.67
5310.0	H	-	-	-78.85	5.11	33.26	-62.00	-13.00	-49.00
7080.0	H	-	-	-79.64	8.83	36.18	-59.07	-13.00	-46.07

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

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66

Bandwidth (MHz):	40
Frequency (MHz):	1730.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3460.0	H	-	-	-77.11	1.48	31.37	-63.89	-13.00	-50.89
5190.0	H	-	-	-78.42	4.70	33.28	-61.98	-13.00	-48.98
6920.0	H	-	-	-79.27	8.69	36.42	-58.84	-13.00	-45.84

Table 7-91. Antenna 4b Radiated Spurious Data (NR Band n66 – Low Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1745.0
RB / Offset:	1 / 108


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	H	-	-	-76.61	1.15	31.54	-63.72	-13.00	-50.72
5235.0	H	-	-	-78.51	4.48	32.97	-62.28	-13.00	-49.28
6980.0	H	-	-	-79.63	8.87	36.25	-59.01	-13.00	-46.01

Table 7-92. Antenna 4b Radiated Spurious Data (NR Band n66 – Mid Channel)

Bandwidth (MHz):	40
Frequency (MHz):	1760.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3520.0	H	-	-	-76.76	1.18	31.41	-63.84	-13.00	-50.84
5280.0	H	-	-	-78.35	4.76	33.41	-61.85	-13.00	-48.85
7040.0	H	-	-	-79.49	8.81	36.33	-58.93	-13.00	-45.93

Table 7-93. Antenna 4b Radiated Spurious Data (NR Band n66 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n70

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3400.0	H	-	-	-77.32	2.20	31.88	-63.38	-13.00	-50.38
5100.0	H	-	-	-78.71	4.99	33.27	-61.99	-13.00	-48.99
6800.0	H	-	-	-79.28	7.95	35.67	-59.59	-13.00	-46.59

Table 7-94. 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	H	-	-	-77.45	2.11	31.66	-63.59	-13.00	-50.59
5107.5	H	-	-	-78.99	5.00	33.01	-62.25	-13.00	-49.25
6810.0	H	-	-	-79.20	8.23	36.03	-59.22	-13.00	-46.22

Table 7-95. Antenna 4b Radiated Spurious Data (NR Band n70 – Mid Channel)

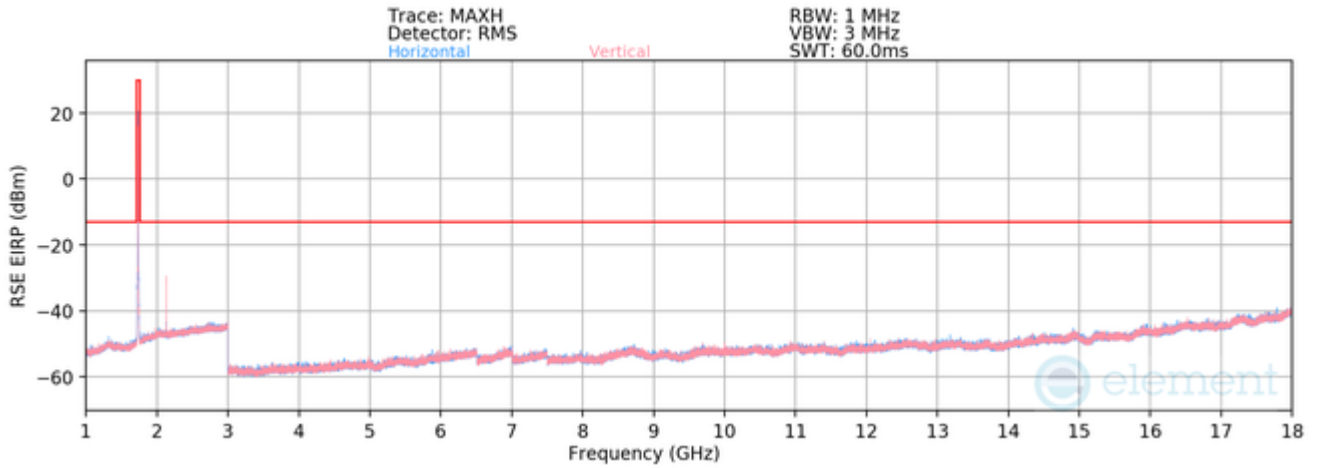
Bandwidth (MHz):	10
Frequency (MHz):	1705.0
RB / Offset:	1 / 25

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	-	-	-77.44	1.95	31.51	-63.74	-13.00	-50.74
5115.0	H	-	-	-78.65	4.97	33.32	-61.94	-13.00	-48.94
6820.0	H	-	-	-79.32	8.57	36.26	-59.00	-13.00	-46.00


Table 7-96. Antenna 4b Radiated Spurious Data (NR Band n70 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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WCDMA AWS



Plot 7-489. Antenna 4b Radiated Spurious Emission above 1GHz (WCDMA AWS)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode:	WCDMA RMC
Channel:	1312
Frequency (MHz):	1712.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3424.8	H	-	-	-78.40	2.56	31.16	-64.10	-13.00	-51.10
5137.2	H	-	-	-79.49	5.41	32.92	-62.34	-13.00	-49.34
6849.6	H	-	-	-80.22	8.69	35.48	-59.78	-13.00	-46.78

7-97. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.2	H	-	-	-78.19	2.52	31.33	-63.93	-13.00	-50.93
5197.8	H	-	-	-78.98	5.40	33.42	-61.84	-13.00	-48.84
6930.4	H	-	-	-79.88	8.41	35.53	-59.73	-13.00	-46.73

Table 7-98. 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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3505.2	H	-	-	-78.14	2.66	31.53	-63.73	-13.00	-50.73
5257.8	H	-	-	-79.15	5.61	33.46	-61.80	-13.00	-48.80
7010.4	H	-	-	-79.98	8.46	35.49	-59.77	-13.00	-46.77

Table 7-99. Antenna 4b Radiated Spurious Data (WCDMA AWS – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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7.7.4 Antenna 2b – Radiated Spurious Emission Measurement

LTE Band 66/4

Bandwidth (MHz):	20
Frequency (MHz):	1720.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3440.0	H	153	258	-73.99	1.48	34.49	-60.76	-13.00	-47.76
5160.0	H	-	-	-78.72	4.81	33.09	-62.16	-13.00	-49.16
6880.0	H	-	-	-79.50	8.64	36.14	-59.11	-13.00	-46.11
8600.0	H	-	-	-80.25	8.61	35.36	-59.90	-13.00	-46.90

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 [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	H	250	258	-73.99	1.01	34.02	-61.24	-13.00	-48.24
5235.0	H	-	-	-78.37	4.48	33.11	-62.15	-13.00	-49.15
6980.0	H	-	-	-79.33	8.88	36.55	-58.71	-13.00	-45.71
8725.0	H	-	-	-80.58	9.10	35.52	-59.74	-13.00	-46.74

Table 7-101. Antenna 2b Radiated Spurious Data (LTE Band 66/4 – Mid Channel)

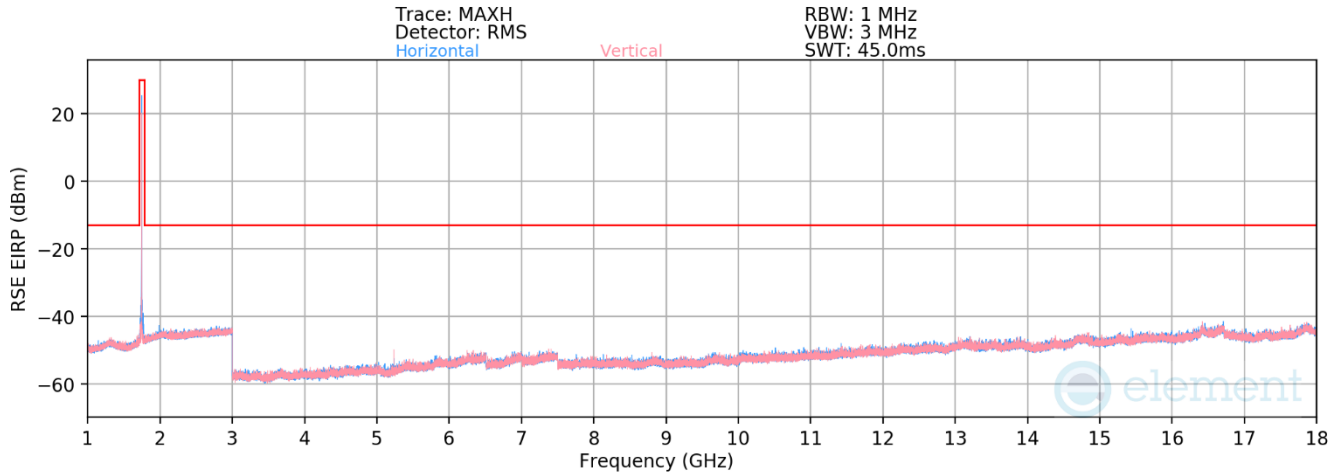
Bandwidth (MHz):	20
Frequency (MHz):	1770.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.0	H	-	-	-76.73	1.24	31.51	-63.75	-13.00	-50.75
5310.0	H	-	-	-78.73	5.11	33.38	-61.88	-13.00	-48.88
7080.0	H	-	-	-79.57	8.83	36.26	-59.00	-13.00	-46.00


Table 7-102. Antenna 2b Radiated Spurious Data (LTE Band 66/4 – High Channel)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66



Plot 7-490. Antenna 2b Radiated Spurious Emission above 1GHz (NR Band n66)

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Bandwidth (MHz):	40
Frequency (MHz):	1730.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3460.0	H	153	247	-74.58	1.32	33.74	-61.52	-13.00	-48.52
5190.0	H	318	12	-78.64	4.70	33.06	-62.20	-13.00	-49.20
6920.0	H	-	-	-79.25	8.69	36.44	-58.82	-13.00	-45.82
8650.0	H	-	-	-80.45	8.68	35.23	-60.03	-13.00	-47.03
10380.0	H	-	-	-80.65	10.53	36.88	-58.38	-13.00	-45.38

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

Bandwidth (MHz):	40
Frequency (MHz):	1745.0
RB / Offset:	1 / 108


Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	V	285	259	-75.62	1.01	32.39	-62.87	-13.00	-49.87
5235.0	V	291	89	-66.61	4.51	44.90	-50.36	-13.00	-37.36
6980.0	V	-	-	-79.56	8.88	36.32	-58.94	-13.00	-45.94
8725.0	V	-	-	-80.35	9.10	35.75	-59.51	-13.00	-46.51
10470.0	V	-	-	-80.78	11.25	37.47	-57.79	-13.00	-44.79

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

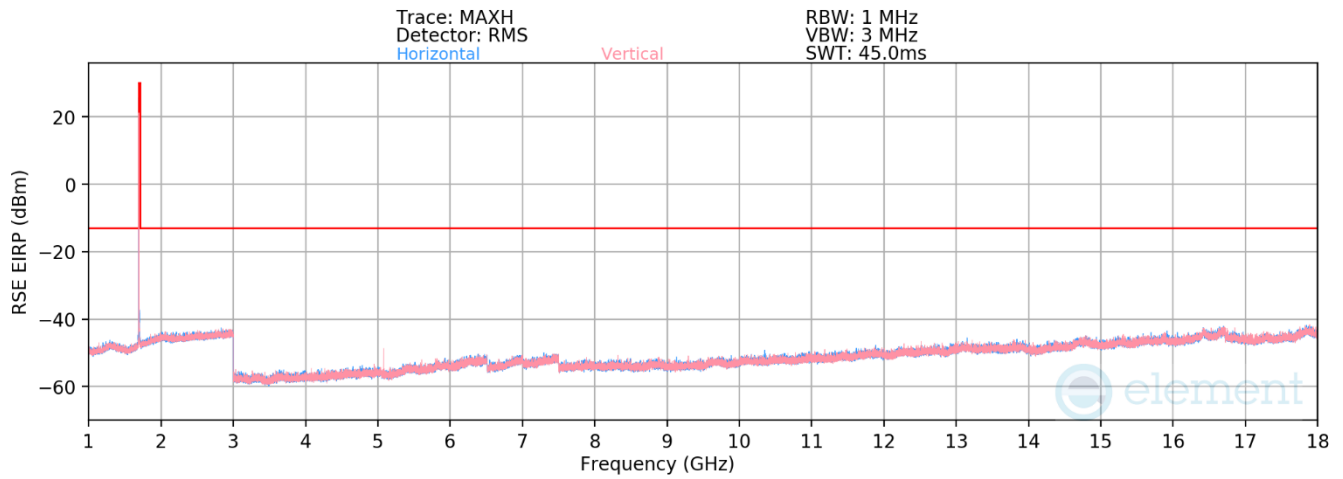
Bandwidth (MHz):	40
Frequency (MHz):	1760.0
RB / Offset:	1 / 108

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3520.0	V	-	-	-76.84	1.18	31.34	-63.92	-13.00	-50.92
5280.0	V	291	158	-72.53	4.95	39.42	-55.84	-13.00	-42.84
7040.0	V	-	-	-79.38	8.81	36.44	-58.82	-13.00	-45.82
8800.0	V	-	-	-81.13	9.98	35.85	-59.41	-13.00	-46.41
10560.0	V	-	-	-80.95	11.47	37.53	-57.73	-13.00	-44.73


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

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NR Band n70



Plot 7-491. 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	-	-	-77.31	2.20	31.89	-63.37	-13.00	-50.37
5100.0	V	257	37	-78.66	4.99	33.32	-61.93	-13.00	-48.93
6800.0	V	-	-	-79.48	7.95	35.47	-59.79	-13.00	-46.79
8500.0	V	-	-	-80.77	9.01	35.25	-60.01	-13.00	-47.01
10200.0	V	-	-	-81.14	10.80	36.66	-58.60	-13.00	-45.60

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	-	-	-77.31	2.11	31.81	-63.45	-13.00	-50.45
5107.5	V	-	-	-78.91	5.00	33.09	-62.17	-13.00	-49.17
6810.0	V	-	-	-79.35	8.23	35.88	-59.38	-13.00	-46.38

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	V	-	-	-77.36	1.83	31.48	-63.78	-13.00	-50.78
5115.0	V	-	-	-78.84	4.97	33.13	-62.13	-13.00	-49.13
6820.0	V	-	-	-79.48	8.57	36.09	-59.17	-13.00	-46.17

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	-	-	-76.04	-0.75	30.20	-65.05	-13.00	-52.05
5137.2	H	-	-	-77.57	2.34	31.77	-63.49	-13.00	-50.49
6849.6	H	-	-	-78.01	4.87	33.86	-61.40	-13.00	-48.40

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	-	-	-75.97	-0.70	30.34	-64.92	-13.00	-51.92
5197.8	H	-	-	-77.60	2.57	31.98	-63.28	-13.00	-50.28
6930.4	H	-	-	-78.09	4.94	33.85	-61.41	-13.00	-48.41

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	-	-	-76.05	-0.57	30.38	-64.88	-13.00	-51.88
5257.8	H	-	-	-77.04	2.45	32.41	-62.84	-13.00	-49.84
7010.4	H	-	-	-77.97	4.97	34.00	-61.26	-13.00	-48.26

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

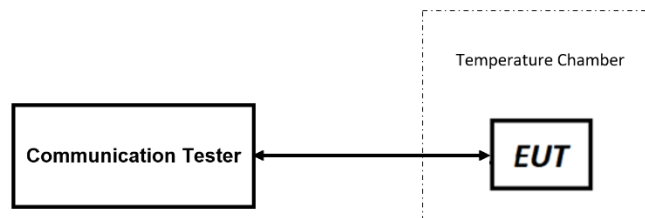



Figure 7-8. Test Instrument & Measurement Setup

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	1.71077200	-0.00077200
		- 20	1.71094588	-0.00094588
		- 10	1.71062184	-0.00062184
		0	1.71028735	-0.00028735
		+ 10	1.71001347	-0.00001347
		+ 20 (Ref)	1.71037230	-0.00037230
		+ 30	1.71079086	-0.00079086
		+ 40	1.71017913	-0.00017913
		+ 50	1.71011086	-0.00011086
Battery Endpoint	3.40	+ 20	1.71085883	-0.00085883

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	1.77970296	-0.00029704
		- 20	1.77900592	-0.00099408
		- 10	1.77927898	-0.00072102
		0	1.77975438	-0.00024562
		+ 10	1.77915077	-0.00084923
		+ 20 (Ref)	1.77936885	-0.00063115
		+ 30	1.77965593	-0.00034407
		+ 40	1.77986304	-0.00013696
		+ 50	1.77964912	-0.00035088
Battery Endpoint	3.40	+ 20	1.77923061	-0.00076939

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	0.66301342	-0.00001342
		- 20	0.66393019	-0.00093019
		- 10	0.66317569	-0.00017569
		0	0.66386376	-0.00086376
		+ 10	0.66334231	-0.00034231
		+ 20 (Ref)	0.66396298	-0.00096298
		+ 30	0.66300024	-0.00000024
		+ 40	0.66378722	-0.00078722
		+ 50	0.66314236	-0.00014236
Battery Endpoint	3.40	+ 20	0.66348740	-0.00048740

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	0.69798456	-0.00001544
		- 20	0.69783317	-0.00016683
		- 10	0.69741680	-0.00058320
		0	0.69749353	-0.00050647
		+ 10	0.69742124	-0.00057876
		+ 20 (Ref)	0.69741641	-0.00058359
		+ 30	0.69729617	-0.00070383
		+ 40	0.69742704	-0.00057296
		+ 50	0.69764386	-0.00035614
Battery Endpoint	3.40	+ 20	0.69775105	-0.00024895

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	0.69904167	-0.00004167
		- 20	0.69901192	-0.00001192
		- 10	0.69987608	-0.00087608
		0	0.69935116	-0.00035116
		+ 10	0.69993983	-0.00093983
		+ 20 (Ref)	0.69922361	-0.00022361
		+ 30	0.69960370	-0.00060370
		+ 40	0.69922422	-0.00022422
		+ 50	0.69947236	-0.00047236
Battery Endpoint	3.40	+ 20	0.69919096	-0.00019096

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	0.71521033	-0.00078967
		- 20	0.71589674	-0.00010326
		- 10	0.71568286	-0.00031714
		0	0.71539644	-0.00060356
		+ 10	0.71520061	-0.00079939
		+ 20 (Ref)	0.71570426	-0.00029574
		+ 30	0.71538216	-0.00061784
		+ 40	0.71503537	-0.00096463
		+ 50	0.71540435	-0.00059565
Battery Endpoint	3.40	+ 20	0.71573296	-0.00026704

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

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	0.77700465	-0.00000465
		- 20	0.77726013	-0.00026013
		- 10	0.77703818	-0.00003818
		0	0.77757421	-0.00057421
		+ 10	0.77724060	-0.00024060
		+ 20 (Ref)	0.77744999	-0.00044999
		+ 30	0.77720828	-0.00020828
		+ 40	0.77792977	-0.00092977
Battery Endpoint	3.40	+ 20	0.77738242	-0.00038242

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	0.78603036	-0.00096964
		- 20	0.78600736	-0.00099264
		- 10	0.78621020	-0.00078980
		0	0.78622199	-0.00077801
		+ 10	0.78660826	-0.00039174
		+ 20 (Ref)	0.78683066	-0.00016934
		+ 30	0.78658558	-0.00041442
		+ 40	0.78664303	-0.00035697
Battery Endpoint	3.40	+ 20	0.78600966	-0.00099034

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	1.71031474	-0.00031474
		- 20	1.71089999	-0.00089999
		- 10	1.71033199	-0.00033199
		0	1.71018503	-0.00018503
		+ 10	1.71086505	-0.00086505
		+ 20 (Ref)	1.71047980	-0.00047980
		+ 30	1.71043482	-0.00043482
		+ 40	1.71014127	-0.00014127
		+ 50	1.71084974	-0.00084974
Battery Endpoint	3.40	+ 20	1.71006032	-0.00006032

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	1.77930274	-0.00069726
		- 20	1.77935635	-0.00064365
		- 10	1.77955008	-0.00044992
		0	1.77992898	-0.00007102
		+ 10	1.77931018	-0.00068982
		+ 20 (Ref)	1.77978837	-0.00021163
		+ 30	1.77913948	-0.00086052
		+ 40	1.77914342	-0.00085658
		+ 50	1.77958896	-0.00041104
Battery Endpoint	3.40	+ 20	1.77947634	-0.00052366

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	1.69575479	-0.00075479
		- 20	1.69584092	-0.00084092
		- 10	1.69504288	-0.00004288
		0	1.69539966	-0.00039966
		+ 10	1.69534800	-0.00034800
		+ 20 (Ref)	1.69545851	-0.00045851
		+ 30	1.69565845	-0.00065845
		+ 40	1.69583360	-0.00083360
Battery Endpoint	3.40	+ 20	1.69530791	-0.00030791

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	1.70926717	-0.00073283
		- 20	1.70986715	-0.00013285
		- 10	1.70992459	-0.00007541
		0	1.70987271	-0.00012729
		+ 10	1.70999092	-0.00000908
		+ 20 (Ref)	1.70939520	-0.00060480
		+ 30	1.70909702	-0.00090298
		+ 40	1.70965867	-0.00034133
Battery Endpoint	3.40	+ 20	1.70943424	-0.00056576

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

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Frequency Stability / Temperature Variation

NR Band n71				
Operating Band Lower Boundary (GHz)			0.663	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.66306349	-0.00006349
		- 20	0.66393240	-0.00093240
		- 10	0.66372581	-0.00072581
		0	0.66317761	-0.00017761
		+ 10	0.66338339	-0.00038339
		+ 20 (Ref)	0.66325325	-0.00025325
		+ 30	0.66389638	-0.00089638
		+ 40	0.66367505	-0.00067505
		+ 50	0.66342013	-0.00042013
Battery Endpoint	3.40	+ 20	0.66371130	-0.00071130

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	0.69717291	-0.00082709
		- 20	0.69782864	-0.00017136
		- 10	0.69710173	-0.00089827
		0	0.69787717	-0.00012283
		+ 10	0.69723001	-0.00076999
		+ 20 (Ref)	0.69765813	-0.00034187
		+ 30	0.69733046	-0.00066954
		+ 40	0.69757618	-0.00042382
		+ 50	0.69761071	-0.00038929
Battery Endpoint	3.40	+ 20	0.69766014	-0.00033986

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	0.69966743	-0.00066743
		- 20	0.69963055	-0.00063055
		- 10	0.69927572	-0.00027572
		0	0.69923119	-0.00023119
		+ 10	0.69928912	-0.00028912
		+ 20 (Ref)	0.69956307	-0.00056307
		+ 30	0.69963312	-0.00063312
		+ 40	0.69945514	-0.00045514
		+ 50	0.69999571	-0.00099571
Battery Endpoint	3.40	+ 20	0.69901026	-0.00001026

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	0.71582820	-0.00017180
		- 20	0.71533757	-0.00066243
		- 10	0.71576611	-0.00023389
		0	0.71533039	-0.00066961
		+ 10	0.71508432	-0.00091568
		+ 20 (Ref)	0.71540536	-0.00059464
		+ 30	0.71516683	-0.00083317
		+ 40	0.71556533	-0.00043467
		+ 50	0.71538026	-0.00061974
Battery Endpoint	3.40	+ 20	0.71508409	-0.00091591

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

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	1.71069026	-0.00069026
		- 20	1.71037621	-0.00037621
		- 10	1.71079634	-0.00079634
		0	1.71005436	-0.00005436
		+ 10	1.71020435	-0.00020435
		+ 20 (Ref)	1.71006030	-0.00006030
		+ 30	1.71071760	-0.00071760
		+ 40	1.71009935	-0.00009935
		+ 50	1.71079420	-0.00079420
Battery Endpoint	3.40	+ 20	1.71058464	-0.00058464

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	1.75405728	-0.00094272
		- 20	1.75404629	-0.00095371
		- 10	1.75453644	-0.00046356
		0	1.75458790	-0.00041210
		+ 10	1.75410616	-0.00089384
		+ 20 (Ref)	1.75400947	-0.00099053
		+ 30	1.75478510	-0.00021490
		+ 40	1.75451591	-0.00048409
		+ 50	1.75435971	-0.00064029
Battery Endpoint	3.40	+ 20	1.75491386	-0.00008614

Table 7-129. WCDMA AWS Upper Boundary Frequency Stability Data

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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: BCGA2926** complies with all the requirements of Part 27 of the FCC rules.

FCC ID: BCGA2926	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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