



Plot 7-448. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM QPSK - Full RB)



Plot 7-449. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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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: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 254 of 251
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Plot 7-452. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-454. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-455. PAR Plot (NR Band n66 - 35.0MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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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 π/2 BPSK - Full RB)

FCC ID: BCGA2903	element)	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: BCGA2903	element)	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: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 250 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 259 01 551
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Plot 7-462. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM π/2 BPSK - Full RB)





FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 260 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 200 01 331
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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: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-466. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM 256-QAM - Full RB)



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

FCC ID: BCGA2903	element)	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: BCGA2903	element)	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: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-472. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 205 of 251	
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Plot 7-474. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 16-QAM - Full RB)



Plot 7-475. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 266 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 200 01 551
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Plot 7-476. PAR Plot (NR Band n70 - 15.0MHz DFT-s-OFDM 256-QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 267 of 251	
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# WCDMA AWS



Plot 7-477. PAR Plot (WCDMA, Ch. 1413)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 269 of 251	
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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 = PMeas - LC + GT

Where:

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

PMeas = measured transmitter output power or PSD, in dBW or dBm

LC = signal attenuation in the connecting cable between the transmitter and antenna in dB

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

#### Test Setup

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



Figure 7-5. ERP/EIRP Measurement Setup

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			100 000070000



#### Test Notes

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

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# 7.6.1 Antenna 4 – ERP/EIRP

#### LTE Band 66

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1710.7	1.40	1 / 5	25.62	27.02	0.504	30.00	-2.98
	QPSK	1745.0	1.40	1 / 0	25.31	26.71	0.469	30.00	-3.29
1 4 MHz		1779.3	1.40	1 / 5	25.15	26.55	0.452	30.00	-3.45
1.4 10112	16-QAM	1745.0	1.40	1 / 5	24.54	25.94	0.393	30.00	-4.06
	64-QAM	1710.7	1.40	1 / 3	23.56	24.96	0.313	30.00	-5.04
	256-QAM	1710.7	1.40	1 / 0	20.65	22.05	0.160	30.00	-7.95
		1711.5	1.40	1/0	25.38	26.78	0.476	30.00	-3.22
	QPSK	1745.0	1.40	1/0	25.22	26.62	0.459	30.00	-3.38
3 MHz		1778.5	1.40	1 / 0	25.09	26.49	0.446	30.00	-3.51
0 11112	16-QAM	1711.5	1.40	1 / 0	24.85	26.25	0.422	30.00	-3.75
	64-QAM	1711.5	1.40	1 / 14	23.76	25.16	0.328	30.00	-4.84
	256-QAM	1711.5	1.40	1 / 0	20.58	21.98	0.158	30.00	-8.02
		1712.5	1.40	1/0	25.54	26.94	0.494	30.00	-3.06
	QPSK	1745.0	1.40	1/0	25.34	26.74	0.472	30.00	-3.26
5 MHz		1777.5	1.40	1/0	25.16	26.56	0.453	30.00	-3.44
5 11112	16-QAM	1712.5	1.40	1 / 0	24.84	26.24	0.421	30.00	-3.76
	64-QAM	1712.5	1.40	1 / 0	23.74	25.14	0.327	30.00	-4.86
	256-QAM	1712.5	1.40	1 / 0	20.63	22.03	0.160	30.00	-7.97
		1715.0	1.40	1 / 25	25.31	26.71	0.469	30.00	-3.29
	QPSK	1745.0	1.40	1 / 25	25.30	26.70	0.468	30.00	-3.30
10 MHz		1775.0	1.40	1/0	25.26	26.66	0.463	30.00	-3.34
	16-QAM	1715.0	1.40	1 / 25	24.67	26.07	0.405	30.00	-3.93
	64-QAM	1715.0	1.40	1 / 25	23.74	25.14	0.327	30.00	-4.86
	256-QAM	1715.0	1.40	1 / 25	20.54	21.94	0.156	30.00	-8.06
		1717.5	1.40	1 / 0	25.35	26.75	0.473	30.00	-3.25
	QPSK	1745.0	1.40	1 / 0	25.23	26.63	0.460	30.00	-3.37
15 MHz		1772.5	1.40	1 / 0	25.01	26.41	0.438	30.00	-3.59
	16-QAM	1717.5	1.40	1 / 0	24.57	25.97	0.395	30.00	-4.03
	64-QAM	1717.5	1.40	1 / 0	23.60	25.00	0.316	30.00	-5.00
	256-QAM	1717.5	1.40	1 / 0	20.33	21.73	0.149	30.00	-8.27
		1720.0	1.40	1 / 50	25.32	26.72	0.470	30.00	-3.28
	QPSK	1745.0	1.40	1 / 50	24.88	26.28	0.425	30.00	-3.72
20 MH <del>7</del>		1770.0	1.40	1 / 0	25.13	26.53	0.450	30.00	-3.47
20 10112	16-QAM	1745.0	1.40	1 / 0	24.75	26.15	0.412	30.00	-3.85
	64-QAM	1720.0	1.40	1 / 0	23.67	25.07	0.321	30.00	-4.93
	256-QAM	1720.0	1.40	1 / 50	20.41	21.81	0.152	30.00	-8.19

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1710.7	1.40	1 / 5	25.58	26.98	0.499	30.00	-3.02
	QPSK	1732.5	1.40	1 / 0	25.21	26.61	0.458	30.00	-3.39
1 / MU7		1754.3	1.40	1 / 3	25.32	26.72	0.470	30.00	-3.28
1.4 10112	16-QAM	1754.3	1.40	1 / 3	24.56	25.96	0.394	30.00	-4.04
	64-QAM	1710.7	1.40	1 / 0	23.60	25.00	0.316	30.00	-5.00
	256-QAM	1710.7	1.40	1 / 3	20.62	22.02	0.159	30.00	-7.98
		1711.5	1.40	1 / 0	25.31	26.71	0.469	30.00	-3.29
	QPSK	1732.5	1.40	1 / 0	25.20	26.60	0.457	30.00	-3.40
3 MH7		1753.5	1.40	1 / 0	25.42	26.82	0.481	30.00	-3.18
0 11112	16-QAM	1711.5	1.40	1 / 0	24.71	26.11	0.408	30.00	-3.89
	64-QAM	1711.5	1.40	1 / 0	23.75	25.15	0.327	30.00	-4.85
	256-QAM	1711.5	1.40	1 / 0	20.51	21.91	0.155	30.00	-8.09
		1712.5	1.40	1 / 0	25.60	27.00	0.501	30.00	-3.00
	QPSK	1732.5	1.40	1 / 0	25.34	26.74	0.472	30.00	-3.26
5 MHz		1752.5	1.40	1 / 0	25.35	26.75	0.473	30.00	-3.25
5 10112	16-QAM	1712.5	1.40	1 / 0	24.92	26.32	0.429	30.00	-3.68
	64-QAM	1712.5	1.40	1 / 12	23.76	25.16	0.328	30.00	-4.84
	256-QAM	1712.5	1.40	1 / 0	20.68	22.08	0.161	30.00	-7.92
		1715.0	1.40	1 / 0	25.32	26.72	0.470	30.00	-3.28
	QPSK	1732.5	1.40	1 / 0	25.27	26.67	0.465	30.00	-3.33
10 MU7		1750.0	1.40	1 / 49	25.44	26.84	0.483	30.00	-3.16
	16-QAM	1715.0	1.40	1 / 25	24.80	26.20	0.417	30.00	-3.80
	64-QAM	1715.0	1.40	1 / 25	23.72	25.12	0.325	30.00	-4.88
	256-QAM	1715.0	1.40	1 / 25	20.55	21.95	0.157	30.00	-8.05
		1717.5	1.40	1 / 0	25.29	26.69	0.467	30.00	-3.31
	QPSK	1732.5	1.40	1 / 0	25.32	26.72	0.470	30.00	-3.28
15 MHz		1747.5	1.40	1 / 0	25.31	26.71	0.469	30.00	-3.29
	16-QAM	1747.5	1.40	1 / 0	24.56	25.96	0.394	30.00	-4.04
	64-QAM	1717.5	1.40	1 / 0	23.48	24.88	0.308	30.00	-5.12
	256-QAM	1717.5	1.40	1 / 0	20.36	21.76	0.150	30.00	-8.24
		1720.0	1.40	1 / 50	25.41	26.81	0.480	30.00	-3.19
	QPSK	1732.5	1.40	1 / 50	25.38	26.78	0.476	30.00	-3.22
20 MH <del>7</del>		1745.0	1.40	1 / 50	25.32	26.72	0.470	30.00	-3.28
	16-QAM	1745.0	1.40	1 / 0	24.84	26.24	0.421	30.00	-3.76
	64-QAM	1745.0	1.40	1 / 0	23.55	24.95	0.313	30.00	-5.05
	256-QAM	1720.0	1.40	1 / 50	20.30	21.70	0.148	30.00	-8.30

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 272 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 272 01 551
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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		665.5	-1.70	1 / 0	25.70	21.85	0.153	34.77	-12.92
	QPSK	680.5	-1.70	1 / 0	25.70	21.85	0.153	34.77	-12.92
5 MU7		695.5	-1.70	1 / 0	25.52	21.67	0.147	34.77	-13.10
3 10112	16-QAM	680.5	-1.70	1 / 24	25.04	21.19	0.132	34.77	-13.58
	64-QAM	680.5	-1.70	1 / 12	24.02	20.17	0.104	34.77	-14.60
	256-QAM	665.5	-1.70	1 / 24	20.76	16.91	0.049	34.77	-17.86
		668.0	-1.70	1/0	25.47	21.62	0.145	34.77	-13.15
	QPSK	680.5	-1.70	1 / 25	25.64	21.79	0.151	34.77	-12.98
10 MH-		693.0	-1.70	1 / 25	25.53	21.68	0.147	34.77	-13.09
	16-QAM	693.0	-1.70	1 / 25	25.01	21.16	0.131	34.77	-13.61
	64-QAM	680.5	-1.70	1 / 25	23.81	19.96	0.099	34.77	-14.81
	256-QAM	680.5	-1.70	1/0	20.84	16.99	0.050	34.77	-17.78
		670.5	-1.70	1/0	25.46	21.61	0.145	34.77	-13.16
	QPSK	680.5	-1.70	1/0	25.52	21.67	0.147	34.77	-13.10
15 MH7		690.5	-1.70	1 / 37	25.31	21.46	0.140	34.77	-13.31
	16-QAM	690.5	-1.70	1/0	24.79	20.94	0.124	34.77	-13.83
	64-QAM	670.5	-1.70	1 / 37	23.73	19.88	0.097	34.77	-14.89
	256-QAM	680.5	-1.70	1 / 0	20.62	16.77	0.048	34.77	-18.00
		673.0	-1.70	1/0	25.47	21.62	0.145	34.77	-13.15
	QPSK	680.5	-1.70	1/0	25.18	21.33	0.136	34.77	-13.44
20 MH-		688.0	-1.70	1/0	25.48	21.63	0.146	34.77	-13.14
	16-QAM	680.5	-1.70	1 / 0	25.02	21.17	0.131	34.77	-13.60
	64-QAM	688.0	-1.70	1 / 0	23.95	20.10	0.102	34.77	-14.67
	256-QAM	673.0	-1.70	1 / 99	20.63	16.78	0.048	34.77	-17.99

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 272 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 275 01 551
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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		699.7	-1.10	1 / 0	25.43	22.18	0.165	34.77	-12.59
	QPSK	707.5	-1.10	1/0	25.65	22.40	0.174	34.77	-12.37
1 A MU-		715.3	-1.10	1/0	25.70	22.45	0.176	34.77	-12.32
	16-QAM	707.5	-1.10	1/3	24.87	21.62	0.145	34.77	-13.15
	64-QAM	715.3	-1.10	1 / 0	23.87	20.62	0.115	34.77	-14.15
	256-QAM	715.3	-1.10	1/0	20.80	17.55	0.057	34.77	-17.22
		700.5	-1.10	1 / 0	25.43	22.18	0.165	34.77	-12.59
	QPSK	707.5	-1.10	1/0	25.57	22.32	0.171	34.77	-12.45
2 8411-		714.5	-1.10	1/0	25.68	22.43	0.175	34.77	-12.34
	16-QAM	714.5	-1.10	1/0	25.07	21.82	0.152	34.77	-12.95
	64-QAM	700.5	-1.10	1/0	23.89	20.64	0.116	34.77	-14.13
	256-QAM	714.5	-1.10	1/0	21.07	17.82	0.061	34.77	-16.95
		701.5	-1.10	1/0	25.70	22.45	0.176	34.77	-12.32
	QPSK	707.5	-1.10	1/0	25.64	22.39	0.173	34.77	-12.38
5 MU7		713.5	-1.10	1/0	25.66	22.41	0.174	34.77	-12.36
	16-QAM	707.5	-1.10	1/0	25.10	21.85	0.153	34.77	-12.92
	64-QAM	713.5	-1.10	1/0	24.00	20.75	0.119	34.77	-14.02
	256-QAM	713.5	-1.10	1 / 0	20.81	17.56	0.057	34.77	-17.21
		704.0	-1.10	1 / 49	25.54	22.29	0.169	34.77	-12.48
	QPSK	707.5	-1.10	1 / 25	25.58	22.33	0.171	34.77	-12.44
10 MU-		711.0	-1.10	1 / 49	25.68	22.43	0.175	34.77	-12.34
	16-QAM	704.0	-1.10	1 / 25	24.95	21.70	0.148	34.77	-13.07
	64-QAM	704.0	-1.10	1 / 49	23.87	20.62	0.115	34.77	-14.15
	256-QAM	711.0	-1.10	1 / 0	20.84	17.59	0.057	34.77	-17.18

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 274 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 274 01 551
			100 00007/0000



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		706.5	-1.10	1 / 0	25.70	22.45	0.176	34.77	-12.32
	QPSK	710.0	-1.10	1 / 0	25.64	22.39	0.173	34.77	-12.38
5 MU-		713.5	-1.10	1 / 0	25.65	22.40	0.174	34.77	-12.37
5 MHZ	16-QAM	710.0	-1.10	1 / 24	24.96	21.71	0.148	34.77	-13.06
	64-QAM	706.5	-1.10	1 / 0	24.09	20.84	0.121	34.77	-13.93
	256-QAM	706.5	-1.10	1 / 24	20.71	17.46	0.056	34.77	-17.31
		709.0	-1.10	1 / 0	25.38	22.13	0.163	34.77	-12.64
	QPSK	710.0	-1.10	1 / 0	25.57	22.32	0.171	34.77	-12.45
		711.0	-1.10	1 / 49	25.60	22.35	0.172	34.77	-12.42
	16-QAM	711.0	-1.10	1 / 25	24.99	21.74	0.149	34.77	-13.03
	64-QAM	709.0	-1.10	1 / 0	23.72	20.47	0.111	34.77	-14.30
	256-QAM	709.0	-1.10	1/0	20.83	17.58	0.057	34.77	-17.19

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dogo 275 of 251		
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	23 - 3/19/2024 Tablet Device			
			1/2 2 00/07/2022		



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		779.5	-1.20	1 / 0	25.70	22.35	0.172	34.77	-12.42
	QPSK	782.0	-1.20	1 / 0	25.69	22.34	0.171	34.77	-12.43
5 MU-		784.5	-1.20	1 / 0	25.68	22.33	0.171	34.77	-12.44
	16-QAM	782.0	-1.20	1 / 0	25.19	21.84	0.153	34.77	-12.93
	64-QAM	779.5	-1.20	1 / 0	24.07	20.72	0.118	34.77	-14.05
	256-QAM	784.5	-1.20	1 / 0	20.82	17.47	0.056	34.77	-17.30
	QPSK	782.0	-1.20	1 / 49	25.51	22.16	0.164	34.77	-12.61
10 MHz	16-QAM	782.0	-1.20	1 / 49	25.11	21.76	0.150	34.77	-13.01
	64-QAM	782.0	-1.20	1 / 0	23.69	20.34	0.108	34.77	-14.43
	256-QAM	782.0	-1.20	1/0	20.86	17.51	0.056	34.77	-17.26

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 276 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 270 01 351
			1/2 2 00/07/2022



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1712.5	1.40	1 / 12	25.56	26.96	0.496	30.00	-3.04
	π/2 BPSK	1745.0	1.40	1/1	25.50	26.90	0.490	30.00	-3.10
		1777.5	1.40	1 / 12	25.40	26.80	0.479	30.00	-3.20
		1712.5	1.40	1 / 23	25.65	27.05	0.507	30.00	-2.95
5 MHz	QPSK	1745.0	1.40	1/1	25.57	26.97	0.497	30.00	-3.03
	46.0414	1777.5	1.40	1/23	25.49	26.89	0.488	30.00	-3.11
	F4 QAM	1712.5	1.40	1/23	24.07	20.07	0.297	30.00	-3.93
	256-QAM	1712.5	1.40	1/12	23.17	24.57	0.207	30.00	-5.45
	200-00-101	1715.0	1.40	1/25	25.54	26.94	0.494	30.00	-3.06
	π/2 BPSK	1745.0	1.40	1 / 25	25.46	26.86	0.486	30.00	-3.14
		1775.0	1.40	1 / 25	25.41	26.81	0.480	30.00	-3.19
		1715.0	1.40	1 / 25	25.62	27.02	0.504	30.00	-2.98
10 MHz	QPSK	1745.0	1.40	1 / 25	25.54	26.94	0.495	30.00	-3.06
		1775.0	1.40	1 / 25	25.47	26.87	0.487	30.00	-3.13
	16-QAM	1775.0	1.40	1/1	24.50	25.90	0.389	30.00	-4.10
	64-QAM	1/15.0	1.40	1/1	23.18	24.58	0.287	30.00	-5.42
	200-QAIVI	1745.0	1.40	1/50	20.97	22.37	0.173	30.00	-7.03
	π/2 BPSK	1745.0	1.40	1/1	25.54	26,94	0.495	30.00	-3.06
		1772.5	1.40	1/37	25.53	26.93	0.493	30.00	-3.07
		1717.5	1.40	1/1	25.70	27.10	0.513	30.00	-2.90
15 MHz	QPSK	1745.0	1.40	1 / 77	25.60	27.00	0.501	30.00	-3.00
		1772.5	1.40	1 / 77	25.55	26.95	0.496	30.00	-3.05
	16-QAM	1717.5	1.40	1/1	24.81	26.21	0.418	30.00	-3.79
	64-QAM	1717.5	1.40	1/77	23.21	24.61	0.289	30.00	-5.39
	256-QAM	1/1/.5	1.40	1/1	21.24	22.64	0.184	30.00	-7.30
20 MHz	TT/2 BPSK	1720.0	1.40	1/1	25.70	26.99	0.513	30.00	-2.90
	in a brok	1770.0	1.40	1 / 104	25.55	26.95	0.495	30.00	-3.05
		1720.0	1.40	1 / 50	25.67	27.07	0.509	30.00	-2.93
	QPSK	1745.0	1.40	1 / 104	25.59	26.99	0.500	30.00	-3.01
		1770.0	1.40	1 / 50	25.57	26.97	0.498	30.00	-3.03
	16-QAM	1720.0	1.40	1 / 50	24.88	26.28	0.424	30.00	-3.72
	64-QAM	1720.0	1.40	1/104	23.22	24.62	0.289	30.00	-5.38
	250-QAM	1720.0	1.40	1/50	21.08	22.48	0.177	30.00	-7.52
	TT/2 BPSK	1745.0	1.40	1/1	25.64	27.04	0.506	30.00	-2.96
	INE DI OIC	1767.5	1.40	1 / 131	25.58	26.98	0.499	30.00	-3.02
		1722.5	1.40	1/1	25.70	27.10	0.513	30.00	-2.90
25 MHz	QPSK	1745.0	1.40	1 / 131	25.70	27.10	0.513	30.00	-2.90
		1767.5	1.40	1 / 131	25.61	27.01	0.503	30.00	-2.99
	16-QAM	1767.5	1.40	1 / 131	24.74	26.14	0.411	30.00	-3.86
	64-QAM	1745.0	1.40	1/66	23.33	24.73	0.297	30.00	-5.27
	256-QAM	1/22.5	1.40	1 / 131	21.27	22.67	0.185	30.00	-7.33
	TT/2 BPSK	1725.0	1.40	1/80	25.68	27.07	0.509	30.00	-2.93
	INZ DI OK	1765.0	1.40	1/1	25.55	26.95	0.495	30.00	-3.05
		1725.0	1.40	1/1	25.70	27.10	0.513	30.00	-2.90
30 MHz	QPSK	1745.0	1.40	1 / 80	25.62	27.02	0.504	30.00	-2.98
		1765.0	1.40	1 / 158	25.53	26.93	0.493	30.00	-3.07
	16-QAM	1725.0	1.40	1/1	24.77	26.17	0.414	30.00	-3.83
	64-QAM	1745.0	1.40	1/1	23.18	24.58	0.287	30.00	-5.42
	256-QAM	1725.0	1.40	1/1	21.40	22.80	0.191	30.00	-7.20
		1745.0	1.40	1/1	25.70	26.97	0.513	30.00	-2.90
	INZ DI OK	1762.5	1.40	1/1	25.54	26.94	0.495	30.00	-3.06
		1727.5	1.40	1/1	25.50	26.90	0.489	30.00	-3.10
35 MHz	QPSK	1745.0	1.40	1/1	25.60	27.00	0.502	30.00	-3.00
		1762.5	1.40	1 / 90	25.63	27.03	0.505	30.00	-2.97
	16-QAM	1745.0	1.40	1/1	24.54	25.94	0.393	30.00	-4.06
	64-QAM	1727.5	1.40	1/1	23.25	24.65	0.292	30.00	-5.35
	250-QAM	1727.5	1.40	1/1	21.15	22.55	0.180	30.00	-7.45
	TT/2 BPSK	1745.0	1.40	1/108	25.63	27.00	0.504	30.00	-2.92
	In Drok	1760.0	1.40	1/1	25.63	27.03	0.505	30.00	-2.97
		1730.0	1.40	1 / 108	25.70	27.10	0.513	30.00	-2.90
40 MHz	QPSK	1745.0	1.40	1 / 108	25.70	27.10	0.513	30.00	-2.90
		1760.0	1.40	1 / 108	25.67	27.07	0.509	30.00	-2.93
	16-QAM	1760.0	1.40	1/1	24.88	26.28	0.425	30.00	-3.72
	256-QAM	1745.0	1.40	1/1	21.38	24.71	0.290	30.00	-5.29
	200 00/111				21.00		0.100	00.00	

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

FCC ID: BCGA2903	element 🤁	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 277 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 211 01 331
			V2.2 09/07/2023



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1697.5	0.50	1 / 12	25.64	26.14	0.411	30.00	-3.86
	π/2 BPSK	1702.5	0.50	1 / 12	25.59	26.09	0.406	30.00	-3.91
		1707.5	0.50	1 / 12	25.67	26.17	0.414	30.00	-3.83
		1697.5	0.50	1 / 1	25.70	26.20	0.417	30.00	-3.80
5 MHz	QPSK	1702.5	0.50	1 / 12	25.64	26.14	0.411	30.00	-3.86
		1707.5	0.50	1 / 12	25.70	26.20	0.417	30.00	-3.80
	16-QAM	1702.5	0.50	1 / 23	24.66	25.16	0.328	30.00	-4.84
	64-QAM	1697.5	0.50	1 / 23	23.43	23.93	0.247	30.00	-6.07
	256-QAM	1697.5	0.50	1 / 23	21.40	21.90	0.155	30.00	-8.10
		1700.0	0.50	1 / 25	25.58	26.08	0.406	30.00	-3.92
	π/2 BPSK	1702.5	0.50	1 / 48	25.62	26.12	0.409	30.00	-3.88
		1705.0	0.50	1 / 25	25.64	26.14	0.411	30.00	-3.86
		1700.0	0.50	1 / 1	25.68	26.18	0.415	30.00	-3.82
10 MHz	QPSK	1702.5	0.50	1 / 48	25.70	26.20	0.417	30.00	-3.80
		1705.0	0.50	1 / 48	25.70	26.20	0.417	30.00	-3.80
	16-QAM	1707.5	0.50	1 / 48	24.89	25.39	0.346	30.00	-4.61
	64-QAM	1707.5	0.50	1 / 1	23.39	23.89	0.245	30.00	-6.11
	256-QAM	1707.5	0.50	1 / 25	21.26	21.76	0.150	30.00	-8.24
	π/2 BPSK	1702.5	0.50	1 / 1	25.70	26.20	0.417	30.00	-3.80
	QPSK	1702.5	0.50	1 / 37	25.69	26.19	0.416	30.00	-3.81
15 MHz	16-QAM	1702.5	0.50	1 / 73	24.74	25.24	0.334	30.00	-4.76
	64-QAM	1702.5	0.50	1 / 1	23.47	23.97	0.249	30.00	-6.03
	256-QAM	1702.5	0.50	1 / 1	21.37	21.87	0.154	30.00	-8.13

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 278 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 276 01 551
			100 0 00/07/0000



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		665.5	-1.70	1 / 12	25.49	21.64	0.146	34.77	-13.13
	π/2 BPSK	680.5	-1.70	1 / 12	25.48	21.63	0.145	34.77	-13.14
		695.5	-1.70	1 / 1	25.33	21.48	0.141	34.77	-13.29
		665.5	-1.70	1 / 23	25.49	21.64	0.146	34.77	-13.13
5 MHz	QPSK	680.5	-1.70	1 / 12	25.52	21.67	0.147	34.77	-13.10
		695.5	-1.70	1 / 12	25.44	21.59	0.144	34.77	-13.18
	16-QAM	665.5	-1.70	1 / 12	24.71	20.86	0.122	34.77	-13.91
	64-QAM	695.5	-1.70	1 / 1	23.07	19.22	0.084	34.77	-15.55
	256-QAM	665.5	-1.70	1 / 23	20.99	17.14	0.052	34.77	-17.63
		668.0	-1.70	1 / 1	25.44	21.59	0.144	34.77	-13.18
	π/2 BPSK	680.5	-1.70	1 / 50	25.45	21.60	0.145	34.77	-13.17
		693.0	-1.70	1 / 1	25.46	21.61	0.145	34.77	-13.16
		668.0	-1.70	1 / 25	25.48	21.63	0.146	34.77	-13.14
10 MHz	QPSK	680.5	-1.70	1 / 50	25.46	21.61	0.145	34.77	-13.16
		693.0	-1.70	1 / 1	25.48	21.63	0.146	34.77	-13.14
	16-QAM	680.5	-1.70	1 / 50	24.66	20.81	0.121	34.77	-13.96
	64-QAM	668.0	-1.70	1 / 25	23.16	19.31	0.085	34.77	-15.46
	256-QAM	668.0	-1.70	1 / 1	20.91	17.06	0.051	34.77	-17.71
		670.5	-1.70	1 / 1	25.62	21.77	0.150	34.77	-13.00
	π/2 BPSK	680.5	-1.70	1 / 77	25.58	21.73	0.149	34.77	-13.04
		690.5	-1.70	1 / 1	25.58	21.73	0.149	34.77	-13.04
		670.5	-1.70	1 / 77	25.60	21.75	0.150	34.77	-13.02
15 MHz	QPSK	680.5	-1.70	1 / 77	25.61	21.76	0.150	34.77	-13.01
		690.5	-1.70	1 / 1	25.57	21.72	0.149	34.77	-13.05
	16-QAM	690.5	-1.70	1 / 77	24.77	20.92	0.124	34.77	-13.85
	64-QAM	690.5	-1.70	1 / 1	23.31	19.46	0.088	34.77	-15.31
	256-QAM	670.5	-1.70	1 / 77	21.09	17.24	0.053	34.77	-17.54
		673.0	-1.70	1 / 1	25.56	21.71	0.148	34.77	-13.06
	π/2 BPSK	680.5	-1.70	1 / 50	25.53	21.68	0.147	34.77	-13.09
		688.0	-1.70	1 / 50	25.60	21.75	0.149	34.77	-13.03
		673.0	-1.70	1 / 1	25.63	21.78	0.151	34.77	-12.99
20 MHz	QPSK	680.5	-1.70	1 / 50	25.60	21.75	0.149	34.77	-13.03
		688.0	-1.70	1 / 50	25.61	21.76	0.150	34.77	-13.01
	16-QAM	673.0	-1.70	1 / 1	24.94	21.09	0.129	34.77	-13.68
	64-QAM	688.0	-1.70	1 / 50	23.19	19.34	0.086	34.77	-15.43
	256-QAM	688.0	-1.70	1 / 50	21.12	17.27	0.053	34.77	-17.50

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager		
Test Report S/N:	Test Dates:	EUT Type:	Page 270 of 251		
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	1/2023 - 3/19/2024 Tablet Device			
			1/2 2 00/07/2022		



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		701.5	-1.10	1 / 12	25.70	22.45	0.176	34.77	-12.33
	π/2 BPSK	707.5	-1.10	1 / 23	25.65	22.40	0.174	34.77	-12.37
		713.5	-1.10	1 / 1	25.66	22.41	0.174	34.77	-12.36
		701.5	-1.10	1 / 1	25.70	22.45	0.176	34.77	-12.32
5 MHz	QPSK	707.5	-1.10	1 / 1	25.61	22.36	0.172	34.77	-12.41
		713.5	-1.10	1 / 12	25.65	22.40	0.174	34.77	-12.37
	16-QAM	707.5	-1.10	1 / 23	25.01	21.76	0.150	34.77	-13.01
	64-QAM	713.5	-1.10	1 / 1	23.19	19.94	0.099	34.77	-14.83
	256-QAM	713.5	-1.10	1 / 12	21.17	17.92	0.062	34.77	-16.86
		704.0	-1.10	1 / 1	25.65	22.40	0.174	34.77	-12.37
	π/2 BPSK	707.5	-1.10	1 / 25	25.68	22.43	0.175	34.77	-12.34
		711.0	-1.10	1 / 1	25.66	22.41	0.174	34.77	-12.37
		704.0	-1.10	1 / 1	25.70	22.45	0.176	34.77	-12.32
10 MHz	QPSK	707.5	-1.10	1 / 25	25.68	22.43	0.175	34.77	-12.34
		711.0	-1.10	1 / 1	25.64	22.39	0.173	34.77	-12.38
	16-QAM	707.5	-1.10	1 / 25	24.79	21.54	0.142	34.77	-13.24
	64-QAM	704.0	-1.10	1 / 50	23.36	20.11	0.103	34.77	-14.66
	256-QAM	711.0	-1.10	1 / 25	21.25	18.00	0.063	34.77	-16.77
		706.5	-1.10	1 / 1	25.64	22.39	0.173	34.77	-12.39
	π/2 BPSK	707.5	-1.10	1 / 1	25.61	22.36	0.172	34.77	-12.42
		708.5	-1.10	1 / 1	25.67	22.42	0.175	34.77	-12.35
		706.5	-1.10	1 / 1	25.70	22.45	0.176	34.77	-12.32
15 MHz	QPSK	707.5	-1.10	1 / 77	25.66	22.41	0.174	34.77	-12.36
		708.5	-1.10	1 / 1	25.67	22.42	0.174	34.77	-12.35
	16-QAM	707.5	-1.10	1 / 1	24.76	21.51	0.141	34.77	-13.27
	64-QAM	708.5	-1.10	1 / 1	23.29	20.04	0.101	34.77	-14.73
	256-QAM	708.5	-1.10	1 / 1	21.36	18.11	0.065	34.77	-16.66

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 280 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 280 01 351	
			1/2 2 00/07/2023	



## WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	25.58	1.40	26.98	0.499	30.00	-3.02
1732.60	WCDMA1700	25.62	1.40	27.02	0.504	30.00	-2.98
1752.60	WCDMA1700	25.70	1.40	27.10	0.513	30.00	-2.90

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 291 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 261 01 351	
			1/2 2 00/07/2022	



## 7.6.2 Antenna 3b – ERP

#### LTE Band 71

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		665.5	-2.80	1 / 0	25.20	20.25	0.106	34.77	-14.52
	QPSK	680.5	-2.80	1 / 0	25.20	20.25	0.106	34.77	-14.52
5 MU7		695.5	-2.80	1 / 0	25.16	20.21	0.105	34.77	-14.56
	16-QAM	680.5	-2.80	1 / 0	24.66	19.71	0.094	34.77	-15.06
	64-QAM	680.5	-2.80	1 / 0	23.58	18.63	0.073	34.77	-16.14
	256-QAM	665.5	-2.80	1 / 0	20.36	15.41	0.035	34.77	-19.36
		668.0	-2.80	1 / 0	25.05	20.10	0.102	34.77	-14.67
	QPSK	680.5	-2.80	1 / 25	25.20	20.25	0.106	34.77	-14.52
10 MU-		693.0	-2.80	1 / 25	25.18	20.23	0.105	34.77	-14.54
	16-QAM 64-QAM	693.0	-2.80	1 / 25	24.59	19.64	0.092	34.77	-15.13
		680.5	-2.80	1 / 49	23.44	18.49	0.071	34.77	-16.28
	256-QAM	680.5	-2.80	1 / 0	20.50	15.55	0.036	34.77	-19.22
	QPSK	670.5	-2.80	1 / 0	25.02	20.07	0.102	34.77	-14.70
		680.5	-2.80	1 / 37	25.01	20.06	0.101	34.77	-14.71
15 MU-		690.5	-2.80	1 / 0	24.92	19.97	0.099	34.77	-14.80
	16-QAM	690.5	-2.80	1 / 0	24.44	19.49	0.089	34.77	-15.28
	64-QAM	670.5	-2.80	1 / 0	23.31	18.36	0.069	34.77	-16.41
	256-QAM	690.5	-2.80	1 / 0	20.25	15.30	0.034	34.77	-19.47
		673.0	-2.80	1 / 0	24.98	20.03	0.101	34.77	-14.74
	QPSK	680.5	-2.80	1 / 0	24.74	19.79	0.095	34.77	-14.98
20 MU-		688.0	-2.80	1 / 0	25.12	20.17	0.104	34.77	-14.60
	16-QAM	680.5	-2.80	1 / 0	24.39	19.44	0.088	34.77	-15.33
	64-QAM	688.0	-2.80	1 / 0	23.36	18.41	0.069	34.77	-16.36
	256-QAM	680.5	-2.80	1 / 0	20.24	15.29	0.034	34.77	-19.48

Table 7-13. Antenna 3b ERP Data (LTE Band 71)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 292 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Faye 202 01 331	
			1/2 2 00/07/2022	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		699.7	-1.90	1/0	25.05	21.00	0.126	34.77	-13.77
	QPSK	707.5	-1.90	1 / 0	25.20	21.15	0.130	34.77	-13.62
1 A MU-		715.3	-1.90	1 / 0	25.18	21.13	0.130	34.77	-13.64
	16-QAM	707.5	-1.90	1 / 5	24.43	20.38	0.109	34.77	-14.39
	64-QAM	699.7	-1.90	1 / 5	23.51	19.46	0.088	34.77	-15.31
	256-QAM	699.7	-1.90	1 / 0	20.35	16.30	0.043	34.77	-18.47
		700.5	-1.90	1/0	25.06	21.01	0.126	34.77	-13.76
	QPSK	707.5	-1.90	1 / 0	25.20	21.15	0.130	34.77	-13.62
2 MU-		714.5	-1.90	1 / 0	25.14	21.09	0.129	34.77	-13.68
	16-QAM	714.5	-1.90	1 / 0	24.60	20.55	0.114	34.77	-14.22
	64-QAM	700.5	-1.90	1 / 0	23.48	19.43	0.088	34.77	-15.34
	256-QAM	707.5	-1.90	1/0	20.43	16.38	0.043	34.77	-18.39
	QPSK	701.5	-1.90	1/0	25.19	21.14	0.130	34.77	-13.63
		707.5	-1.90	1/0	25.20	21.15	0.130	34.77	-13.62
5 MU7		713.5	-1.90	1/0	25.19	21.14	0.130	34.77	-13.63
	16-QAM	707.5	-1.90	1 / 0	24.64	20.59	0.115	34.77	-14.18
	64-QAM	707.5	-1.90	1 / 12	23.54	19.49	0.089	34.77	-15.28
	256-QAM	701.5	-1.90	1 / 0	20.48	16.43	0.044	34.77	-18.34
		704.0	-1.90	1 / 0	25.13	21.08	0.128	34.77	-13.69
	QPSK	707.5	-1.90	1 / 25	25.19	21.14	0.130	34.77	-13.63
10 MH <del>-</del>		711.0	-1.90	1 / 25	25.06	21.01	0.126	34.77	-13.76
	16-QAM	704.0	-1.90	1 / 25	24.55	20.50	0.112	34.77	-14.27
	64-QAM	704.0	-1.90	1/0	23.46	19.41	0.087	34.77	-15.36
	256-QAM	711.0	-1.90	1/0	20.38	16.33	0.043	34.77	-18.44

Table 7-14. Antenna 3b ERP Data (LTE Band 12)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 282 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 263 01 351	
			V0.0.00/07/0000	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		706.5	-1.90	1 / 0	25.20	21.15	0.130	34.77	-13.62
	QPSK	710.0	-1.90	1 / 24	25.20	21.15	0.130	34.77	-13.62
5 MU-		713.5	-1.90	1 / 0	25.17	21.12	0.129	34.77	-13.65
	16-QAM	706.5	-1.90	1 / 0	24.74	20.69	0.117	34.77	-14.08
	64-QAM	713.5	-1.90	1 / 0	23.60	19.55	0.090	34.77	-15.22
	256-QAM	713.5	-1.90	1 / 0	20.44	16.39	0.044	34.77	-18.38
		709.0	-1.90	1 / 0	25.12	21.07	0.128	34.77	-13.70
	QPSK	710.0	-1.90	1 / 0	25.20	21.15	0.130	34.77	-13.62
		711.0	-1.90	1 / 25	25.19	21.14	0.130	34.77	-13.63
	16-QAM	711.0	-1.90	1 / 0	24.67	20.62	0.115	34.77	-14.15
	64-QAM	709.0	-1.90	1 / 25	23.58	19.53	0.090	34.77	-15.24
	256-QAM	711.0	-1.90	1 / 0	20.54	16.49	0.045	34.77	-18.28

Table 7-15. Antenna 3b ERP Data (LTE Band 17)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 284 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 264 01 351	
			1/2 2 00/07/2022	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		779.5	-2.10	1 / 0	25.20	20.95	0.124	34.77	-13.82
	QPSK	782.0	-2.10	1 / 0	25.17	20.92	0.124	34.77	-13.85
5 MU-		784.5	-2.10	1 / 0	25.15	20.90	0.123	34.77	-13.87
	16-QAM	779.5	-2.10	1 / 0	24.60	20.35	0.108	34.77	-14.42
	64-QAM	779.5	-2.10	1 / 0	23.49	19.24	0.084	34.77	-15.53
	256-QAM	784.5	-2.10	1 / 0	20.26	16.01	0.040	34.77	-18.76
	QPSK	782.0	-2.10	1 / 25	25.19	20.94	0.124	34.77	-13.83
10 MU-	16-QAM	782.0	-2.10	1 / 25	24.58	20.33	0.108	34.77	-14.44
	64-QAM	782.0	-2.10	1 / 49	23.30	19.05	0.080	34.77	-15.72
	256-QAM	782.0	-2.10	1/0	20.32	16.07	0.040	34.77	-18.70

Table 7-16. Antenna 3b ERP Data (LTE Band 13)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 295 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 265 01 351	
			1/2 2 00/07/2022	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		665.5	-2.80	1 / 12	25.11	20.16	0.104	34.77	-14.61
	π/2 BPSK	680.5	-2.80	1 / 12	25.05	20.10	0.102	34.77	-14.68
		695.5	-2.80	1 / 12	24.90	19.95	0.099	34.77	-14.82
		665.5	-2.80	1 / 12	25.15	20.20	0.105	34.77	-14.57
5 MHz	QPSK	680.5	-2.80	1 / 23	25.07	20.12	0.103	34.77	-14.65
		695.5	-2.80	1 / 12	24.88	19.93	0.098	34.77	-14.85
	16-QAM	680.5	-2.80	1 / 23	24.11	19.16	0.082	34.77	-15.61
	64-QAM	665.5	-2.80	1 / 23	22.74	17.79	0.060	34.77	-16.98
	256-QAM	665.5	-2.80	1 / 1	20.51	15.56	0.036	34.77	-19.21
		668.0	-2.80	1 / 1	25.05	20.10	0.102	34.77	-14.67
	π/2 BPSK	680.5	-2.80	1 / 50	25.04	20.09	0.102	34.77	-14.68
		693.0	-2.80	1 / 1	24.96	20.01	0.100	34.77	-14.76
		668.0	-2.80	1 / 1	25.12	20.17	0.104	34.77	-14.61
10 MHz	10 MHz QPSK	680.5	-2.80	1 / 50	25.07	20.12	0.103	34.77	-14.66
		693.0	-2.80	1 / 1	25.02	20.07	0.102	34.77	-14.70
	16-QAM	668.0	-2.80	1 / 1	24.19	19.24	0.084	34.77	-15.54
	64-QAM	680.5	-2.80	1 / 25	22.63	17.68	0.059	34.77	-17.10
	256-QAM	668.0	-2.80	1 / 1	20.66	15.71	0.037	34.77	-19.06
		670.5	-2.80	1 / 1	25.20	20.25	0.106	34.77	-14.52
	π/2 BPSK	680.5	-2.80	1 / 1	25.14	20.19	0.104	34.77	-14.59
		690.5	-2.80	1 / 1	25.16	20.21	0.105	34.77	-14.56
		670.5	-2.80	1 / 36	25.19	20.24	0.106	34.77	-14.53
15 MHz	QPSK	680.5	-2.80	1 / 36	25.20	20.25	0.106	34.77	-14.52
		690.5	-2.80	1 / 1	25.15	20.20	0.105	34.77	-14.57
	16-QAM	670.5	-2.80	1 / 36	24.24	19.29	0.085	34.77	-15.48
	64-QAM	690.5	-2.80	1 / 1	22.77	17.82	0.060	34.77	-16.95
	256-QAM	670.5	-2.80	1 / 1	20.78	15.83	0.038	34.77	-18.94
		673.0	-2.80	1 / 1	25.20	20.25	0.106	34.77	-14.52
	π/2 BPSK	680.5	-2.80	1 / 50	25.17	20.22	0.105	34.77	-14.55
		688.0	-2.80	1 / 1	25.05	20.10	0.102	34.77	-14.67
		673.0	-2.80	1 / 1	25.19	20.24	0.106	34.77	-14.53
20 MHz	QPSK	680.5	-2.80	1 / 50	25.18	20.23	0.105	34.77	-14.55
		688.0	-2.80	1 / 50	25.13	20.18	0.104	34.77	-14.60
	16-QAM	673.0	-2.80	1 / 1	24.26	19.31	0.085	34.77	-15.46
	64-QAM	673.0	-2.80	1 / 1	22.78	17.83	0.061	34.77	-16.94
	256-QAM	673.0	-2.80	1/1	20.69	15.74	0.037	34.77	-19.03

Table 7-17. Antenna 3b ERP Data (NR Band n71)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager		
Test Report S/N:	Test Dates:	EUT Type:	Page 286 of 351		
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	- 3/19/2024 Tablet Device			
			1/2 2 00/07/2022		



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
		701.5	-1.90	1 / 1	25.00	20.95	0.124	34.77	-13.82
	π/2 BPSK	707.5	-1.90	1 / 12	24.87	20.82	0.121	34.77	-13.95
		713.5	-1.90	1 / 1	24.91	20.86	0.122	34.77	-13.91
5 MHz		701.5	-1.90	1 / 1	24.96	20.91	0.123	34.77	-13.87
	QPSK	707.5	-1.90	1 / 23	24.91	20.86	0.122	34.77	-13.92
		713.5	-1.90	1 / 1	24.93	20.88	0.123	34.77	-13.89
	16-QAM	701.5	-1.90	1 / 12	23.97	19.92	0.098	34.77	-14.85
	64-QAM	701.5	-1.90	1 / 23	22.58	18.53	0.071	34.77	-16.24
	256-QAM	713.5	-1.90	1 / 12	20.32	16.27	0.042	34.77	-18.50
π/2 B		704.0	-1.90	1 / 1	24.90	20.85	0.122	34.77	-13.92
	π/2 BPSK	707.5	-1.90	1 / 25	24.87	20.82	0.121	34.77	-13.95
		711.0	-1.90	1 / 25	24.88	20.83	0.121	34.77	-13.94
		704.0	-1.90	1 / 1	24.98	20.93	0.124	34.77	-13.84
10 MHz	QPSK	707.5	-1.90	1 / 25	24.96	20.91	0.123	34.77	-13.86
		711.0	-1.90	1 / 25	25.00	20.95	0.124	34.77	-13.82
	16-QAM	704.0	-1.90	1 / 25	24.10	20.05	0.101	34.77	-14.72
	64-QAM	707.5	-1.90	1 / 50	22.58	18.53	0.071	34.77	-16.25
	256-QAM	707.5	-1.90	1 / 25	20.52	16.47	0.044	34.77	-18.30
		706.5	-1.90	1 / 1	25.06	21.01	0.126	34.77	-13.76
	π/2 BPSK	707.5	-1.90	1 / 36	25.03	20.98	0.125	34.77	-13.80
		708.5	-1.90	1 / 36	24.92	20.87	0.122	34.77	-13.90
		706.5	-1.90	1 / 1	24.98	20.93	0.124	34.77	-13.84
15 MHz	QPSK	707.5	-1.90	1 / 1	24.99	20.94	0.124	34.77	-13.83
		708.5	-1.90	1 / 1	25.06	21.01	0.126	34.77	-13.76
	16-QAM	707.5	-1.90	1 / 1	24.17	20.12	0.103	34.77	-14.66
	64-QAM	708.5	-1.90	1 / 36	22.57	18.52	0.071	34.77	-16.26
	256-QAM	706.5	-1.90	1 / 1	20.57	16.52	0.045	34.77	-18.25

Table 7-18. Antenna 3b ERP Data (NR Band n12)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 297 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 287 01 351	
			1/2 2 00/07/2023	



# 7.6.3 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]
		1710.7	-2.10	1 / 0	25.36	23.26	0.212	30.00	-6.74
	QPSK	1745.0	-2.10	1 / 0	25.34	23.24	0.211	30.00	-6.76
		1779.3	-2.10	1 / 5	25.34	23.24	0.211	30.00	-6.76
1.4 10112	16-QAM 64-QAM	1745.0	-2.10	1 / 0	24.59	22.49	0.177	30.00	-7.51
		1745.0	-2.10	1 / 0	23.49	21.39	0.138	30.00	-8.61
	256-QAM	1710.7	-2.10	1 / 5	20.42	18.32	0.068	30.00	-11.68
		1711.5	-2.10	1 / 0	25.28	23.18	0.208	30.00	-6.82
	QPSK	1745.0	-2.10	1 / 0	25.38	23.28	0.213	30.00	-6.72
3 MU7		1778.5	-2.10	1 / 0	25.32	23.22	0.210	30.00	-6.78
5 14112	16-QAM	1745.0	-2.10	1 / 7	24.70	22.60	0.182	30.00	-7.40
	64-QAM	1711.5	-2.10	1 / 7	23.63	21.53	0.142	30.00	-8.47
	256-QAM	1711.5	-2.10	1 / 0	20.53	18.43	0.070	30.00	-11.57
		1712.5	-2.10	1 / 0	25.39	23.29	0.213	30.00	-6.71
	5 MHz 64-QAM	1745.0	-2.10	1 / 0	25.43	23.33	0.215	30.00	-6.67
5 MU-		1777.5	-2.10	1 / 0	25.38	23.28	0.213	30.00	-6.72
		1745.0	-2.10	1 / 0	24.78	22.68	0.185	30.00	-7.32
		1745.0	-2.10	1 / 0	23.82	21.72	0.149	30.00	-8.28
	256-QAM	1745.0	-2.10	1 / 0	20.55	18.45	0.070	30.00	-11.55
		1715.0	-2.10	1 / 0	25.29	23.19	0.208	30.00	-6.81
	QPSK	1745.0	-2.10	1 / 0	25.36	23.26	0.212	30.00	-6.74
10 MU-		1775.0	-2.10	1 / 25	25.24	23.14	0.206	30.00	-6.86
	16-QAM	1775.0	-2.10	1 / 0	24.62	22.52	0.179	30.00	-7.48
	64-QAM	1715.0	-2.10	1 / 0	23.52	21.42	0.139	30.00	-8.58
	256-QAM	1715.0	-2.10	1 / 0	20.54	18.44	0.070	30.00	-11.56
		1717.5	-2.10	1 / 0	25.38	23.28	0.213	30.00	<b>-</b> 6.72
	QPSK	1745.0	-2.10	1 / 0	25.34	23.24	0.211	30.00	-6.76
15 MUz		1772.5	-2.10	1 / 0	25.31	23.21	0.209	30.00	-6.79
	16-QAM	1745.0	-2.10	1 / 0	24.56	22.46	0.176	30.00	-7.54
	64-QAM	1717.5	-2.10	1 / 0	23.48	21.38	0.137	30.00	-8.62
	256-QAM	1717.5	-2.10	1 / 74	20.33	18.23	0.067	30.00	-11.77
		1720.0	-2.10	1 / 0	25.27	23.17	0.207	30.00	-6.83
	QPSK	1745.0	-2.10	1 / 0	25.37	23.27	0.212	30.00	-6.73
20 MU-		1770.0	-2.10	1 / 50	25.36	23.26	0.212	30.00	-6.74
	16-QAM	1745.0	-2.10	1 / 0	24.67	22.57	0.181	30.00	-7.43
	64-QAM	1745.0	-2.10	1 / 0	23.51	21.41	0.138	30.00	-8.59
	256-QAM	1770.0	-2.10	1 / 50	20.31	18.21	0.066	30.00	-11.79

Table 7-19. Antenna 2b EIRP Data (LTE Band 66)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 288 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device		
			V0.0.00/07/0000	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1710.7	-2.10	1 / 0	25.32	23.22	0.210	30.00	-6.78
	QPSK	1732.5	-2.10	1 / 0	25.42	23.32	0.215	30.00	-6.68
1 / MH7		1754.3	-2.10	1 / 0	25.39	23.29	0.213	30.00	-6.71
1.4 10112	16-QAM	1754.3	-2.10	1 / 0	24.42	22.32	0.171	30.00	-7.68
	64-QAM	1754.3	-2.10	1 / 0	23.44	21.34	0.136	30.00	-8.66
	256-QAM	1710.7	-2.10	1 / 3	20.37	18.27	0.067	30.00	-11.73
		1711.5	-2.10	1 / 0	25.39	23.29	0.213	30.00	-6.71
	QPSK	1732.5	-2.10	1 / 0	25.59	23.49	0.223	30.00	-6.51
3 MU7		1753.5	-2.10	1 / 0	25.46	23.36	0.217	30.00	-6.64
	16-QAM	1711.5	-2.10	1 / 0	24.51	22.41	0.174	30.00	-7.59
	64-QAM	1711.5	-2.10	1 / 14	23.53	21.43	0.139	30.00	-8.57
	256-QAM	1753.5	-2.10	1 / 0	20.38	18.28	0.067	30.00	-11.72
		1712.5	-2.10	1/0	25.30	23.20	0.209	30.00	-6.80
	QPSK	1732.5	-2.10	1/0	25.43	23.33	0.215	30.00	-6.67
5 MU-		1752.5	-2.10	1 / 0	25.36	23.26	0.212	30.00	-6.74
	16-QAM	1732.5	-2.10	1 / 24	24.56	22.46	0.176	30.00	-7.54
	64-QAM	1752.5	-2.10	1 / 0	23.53	21.43	0.139	30.00	-8.57
	256-QAM	1712.5	-2.10	1 / 0	20.45	18.35	0.068	30.00	-11.65
		1715.0	-2.10	1 / 0	25.55	23.45	0.221	30.00	-6.55
	QPSK	1732.5	-2.10	1 / 25	25.36	23.26	0.212	30.00	-6.74
40 8411-		1750.0	-2.10	1 / 49	25.39	23.29	0.213	30.00	-6.71
	16-QAM	1715.0	-2.10	1 / 0	24.60	22.50	0.178	30.00	-7.50
	64-QAM	1715.0	-2.10	1 / 0	23.40	21.30	0.135	30.00	-8.70
	256-QAM	1732.5	-2.10	1 / 0	20.34	18.24	0.067	30.00	-11.76
		1717.5	-2.10	1 / 0	25.42	23.32	0.215	30.00	-6.68
	QPSK	1732.5	-2.10	1/0	25.23	23.13	0.206	30.00	-6.87
45 MU-		1747.5	-2.10	1 / 0	25.36	23.26	0.212	30.00	-6.74
	16-QAM	1747.5	-2.10	1 / 0	24.50	22.40	0.174	30.00	-7.60
	64-QAM	1717.5	-2.10	1 / 74	23.38	21.28	0.134	30.00	-8.72
	256-QAM	1732.5	-2.10	1 / 0	20.27	18.17	0.066	30.00	-11.83
		1720.0	-2.10	1 / 50	25.45	23.35	0.216	30.00	-6.65
	QPSK	1732.5	-2.10	1 / 0	25.43	23.33	0.215	30.00	-6.67
00 8411-		1745.0	-2.10	1 / 0	25.36	23.26	0.212	30.00	-6.74
	16-QAM	1732.5	-2.10	1 / 0	24.46	22.36	0.172	30.00	-7.64
	64-QAM	1720.0	-2.10	1 / 0	23.40	21.30	0.135	30.00	-8.70
	256-QAM	1720.0	-2.10	1 / 0	20.17	18.07	0.064	30.00	-11.93

Table 7-20. Antenna 2b EIRP Data (LTE Band 4)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 280 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 269 01 351	
			100 00007/0000	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1712.5	-2.10	1/1	25.37	23.27	0.212	30.00	-6.73
	π/2 BPSK	1745.0	-2.10	1/1	25.26	23.16	0.207	30.00	-6.84
		1777.5	-2.10	1/1	25.33	23.23	0.210	30.00	-6.77
		1712.5	-2.10	1/1	25.42	23.32	0.215	30.00	-6.68
5 MHz	QPSK	1745.0	-2.10	1 / 23	25.34	23.24	0.211	30.00	-6.76
		1777.5	-2.10	1 / 12	25.44	23.34	0.216	30.00	-6.66
	16-QAM	1777.5	-2.10	1/12	24.75	22.65	0.184	30.00	-7.35
	64-QAM	1///.5	-2.10	1/1	23.04	20.94	0.124	30.00	-9.06
	200-QAIVI	1715.0	-2.10	1/12	20.00	22.21	0.075	30.00	6 70
	π/2 BPSK	1745.0	-2.10	1/1	25.31	23.21	0.209	30.00	-6.80
		1775.0	-2.10	1/1	25.37	23.27	0.212	30.00	-6.73
		1715.0	-2.10	1/1	25.42	23.32	0.215	30.00	-6.68
10 MHz	QPSK	1745.0	-2.10	1/1	25.42	23.32	0.215	30.00	-6.68
		1775.0	-2.10	1/1	25.42	23.32	0.215	30.00	-6.68
	16-QAM	1745.0	-2.10	1/1	24.50	22.40	0.174	30.00	-7.60
	64-QAM	1775.0	-2.10	1 / 25	23.09	20.99	0.126	30.00	-9.01
	256-QAM	1715.0	-2.10	1/1	20.75	18.65	0.073	30.00	-11.35
		1/1/.5	-2.10	1/1	25.56	23.46	0.222	30.00	-6.54
	T/2 BPSK	1745.0	-2.10	1/1	25.45	23.35	0.216	30.00	-0.05
		1717.5	-2.10	1/1	25.45	23.33	0.215	30.00	-0.07
15 MHz	OPSK	1745.0	-2.10	1/1	25.53	23.43	0.220	30.00	-6.57
10 11112	a. or	1772.5	-2.10	1/1	25.44	23.34	0.216	30.00	-6.66
	16-QAM	1745.0	-2.10	1/37	24.68	22.58	0.181	30.00	-7.42
	64-QAM	1772.5	-2.10	1 / 37	23.14	21.04	0.127	30.00	-8.96
	256-QAM	1717.5	-2.10	1 / 77	21.10	19.00	0.079	30.00	-11.00
		1720.0	-2.10	1/1	25.63	23.53	0.225	30.00	-6.47
	π/2 BPSK	1745.0	-2.10	1/1	25.49	23.39	0.218	30.00	-6.61
		1770.0	-2.10	1/1	25.38	23.28	0.213	30.00	-6.72
20 MHz	0.001/	1720.0	-2.10	1/1	25.58	23.48	0.223	30.00	-6.52
	QPSK	1745.0	-2.10	1/1	25.47	23.37	0.217	30.00	-6.63
	16 OAM	1770.0	-2.10	1/1	20.42	23.32	0.215	30.00	-0.08
	64-QAM	1720.0	-2.10	1 / 104	23.11	21.01	0.103	30.00	-8.99
	256-QAM	1720.0	-2.10	1/1	20.96	18.86	0.077	30.00	-11.14
		1722.5	-2.10	1/1	25.57	23.47	0.222	30.00	-6.53
	π/2 BPSK	1745.0	-2.10	1/1	25.53	23.43	0.220	30.00	-6.57
		1767.5	-2.10	1/1	25.56	23.46	0.222	30.00	-6.54
		1722.5	-2.10	1/1	25.70	23.60	0.229	30.00	-6.40
25 MHz	QPSK	1745.0	-2.10	1/1	25.62	23.52	0.225	30.00	-6.48
		1767.5	-2.10	1/1	25.58	23.48	0.223	30.00	-6.52
	16-QAM	1767.5	-2.10	1 / 131	24.97	22.87	0.194	30.00	-7.13
	64-QAM	1722.5	-2.10	1/1	23.25	21.15	0.130	30.00	-8.85
	200-QAIVI	1745.0	-2.10	1/1	21.10	23.54	0.079	30.00	-11.00
	TT/2 BPSK	1745.0	-2.10	1/1	25.47	23.37	0.217	30.00	-6.63
		1765.0	-2.10	1 / 80	25.45	23.35	0.216	30.00	-6.65
		1725.0	-2.10	1/1	25.45	23.35	0.216	30.00	-6.65
30 MHz	QPSK	1745.0	-2.10	1 / 58	25.34	23.24	0.211	30.00	-6.76
		1765.0	-2.10	1 / 80	25.43	23.33	0.215	30.00	-6.67
	16-QAM	1765.0	-2.10	1 / 1	24.55	22.45	0.176	30.00	-7.55
	64-QAM	1765.0	-2.10	1 / 58	23.06	20.96	0.125	30.00	-9.04
	256-QAM	1745.0	-2.10	1/1	21.22	19.12	0.082	30.00	-10.88
	T/2 PDC//	17/5 0	-2.10	1/1	25.70	23.60	0.229	30.00	-0.40
	II/2 BPSK	1745.0	-2.10	1/1	25.65	23.00	0.220	30.00	-0.47
		1702.5	-2.10	1/1	25.00	23.60	0.229	30.00	-6.40
35 MHz	QPSK	1745.0	-2.10	1/1	25.55	23.45	0.221	30.00	-6.55
		1762.5	-2.10	1/1	25.64	23.54	0.226	30.00	-6.46
	16-QAM	1745.0	-2.10	1 / 90	24.60	22.50	0.178	30.00	-7.50
	64-QAM	1727.5	-2.10	1 / 186	23.19	21.09	0.128	30.00	-8.91
	256-QAM	1762.5	-2.10	1/1	21.09	18.99	0.079	30.00	-11.01
		1730.0	-2.10	1/1	25.41	23.31	0.214	30.00	-6.69
	π/2 BPSK	1745.0	-2.10	1 / 108	25.45	23.35	0.216	30.00	-6.65
		1760.0	-2.10	1/1	25.49	23.39	0.218	30.00	-6.61
40 MH-	ODSK	1730.0	-2.10	1/214	25.46	23.36	0.217	30.00	-0.64
40 WHZ	QF5K	1745.0	-2.10	1 / 214	25.43	23.33	0.215	30.00	-0.07
	16-QAM	1730.0	-2.10	1/1	24.96	22.86	0.193	30.00	-7.14
	64-QAM	1745.0	-2.10	1 / 108	23.15	21.05	0.127	30.00	-8.95
	256-QAM	1760.0	-2.10	1 / 214	21.19	19.09	0.081	30.00	-10.91

#### Table 7-21. Antenna 2b EIRP Data (NR Band n66)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 200 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 290 01 551	
			V2.2 09/07/2023	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1697.5	-3.40	1 / 1	25.62	22.22	0.167	30.00	-7.78
	π/2 BPSK	1702.5	-3.40	1 / 1	25.70	22.30	0.170	30.00	-7.70
		1707.5	-3.40	1 / 1	25.68	22.28	0.169	30.00	-7.72
		1697.5	-3.40	1 / 1	25.70	22.30	0.170	30.00	-7.70
5 MHz	QPSK	1702.5	-3.40	1 / 23	25.68	22.28	0.169	30.00	-7.72
		1707.5	-3.40	1 / 23	25.66	22.26	0.168	30.00	-7.74
	16-QAM	1702.5	-3.40	1 / 23	24.99	21.59	0.144	30.00	-8.41
	64-QAM	1697.5	-3.40	1 / 12	23.31	19.91	0.098	30.00	-10.09
	256-QAM	1702.5	-3.40	1 / 1	21.24	17.84	0.061	30.00	-12.16
		1700.0	-3.40	1 / 25	25.67	22.27	0.169	30.00	-7.73
	π/2 BPSK	1702.5	-3.40	1 / 1	25.66	22.26	0.168	30.00	-7.74
		1705.0	-3.40	1 / 25	25.64	22.24	0.167	30.00	-7.76
		1700.0	-3.40	1 / 25	25.68	22.28	0.169	30.00	-7.72
10 MHz	QPSK	1702.5	-3.40	1 / 25	25.68	22.28	0.169	30.00	-7.72
		1705.0	-3.40	1 / 48	25.70	22.30	0.170	30.00	-7.70
	16-QAM	1700.0	-3.40	1 / 25	24.94	21.54	0.143	30.00	-8.46
	64-QAM	1702.5	-3.40	1 / 1	23.31	19.91	0.098	30.00	-10.09
	256-QAM	1700.0	-3.40	1 / 25	21.21	17.81	0.060	30.00	-12.19
	π/2 BPSK	1702.5	-3.40	1 / 37	25.70	22.30	0.170	30.00	-7.70
	QPSK	1702.5	-3.40	1 / 1	25.70	22.30	0.170	30.00	-7.70
15 MHz	16-QAM	1702.5	-3.40	1 / 37	24.82	21.42	0.139	30.00	-8.58
	64-QAM	1702.5	-3.40	1 / 37	23.33	19.93	0.098	30.00	-10.07
	256-QAM	1702.5	-3.40	1 / 1	21.29	17.89	0.062	30.00	-12.11

Table 7-22. Antenna 2b EIRP Data (NR Band n70)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 291 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 291 01 331	
102011210004 00.000	10/11/20/20 0/10/20/24	Tablet Device	1/0 0 00/07/000	



## WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	24.03	-2.10	21.93	0.156	30.00	-8.07
1732.60	WCDMA1700	24.12	-2.10	22.02	0.159	30.00	-7.98
1752.60	WCDMA1700	24.20	-2.10	22.10	0.162	30.00	-7.90

Table 7-23. Antenna 2b EIRP Data (WCDMA AWS)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 202 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 292 01 351	
			1/2 2 00/07/2022	



# 7.6.4 Antenna 3a – EIRP

#### LTE Band 66

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1710.7	-0.30	1 / 0	24.70	24.40	0.275	30.00	- <b>5</b> .60
	QPSK	1745.0	-0.30	1 / 0	24.64	24.34	0.272	30.00	<b>-</b> 5.66
		1779.3	-0.30	1 / 5	24.70	24.40	0.275	30.00	- <mark>5.6</mark> 0
1.4 11172	16-QAM	1779.3	-0.30	1 / 0	23.97	23.67	0.233	30.00	-6.33
	64-QAM	1710.7	-0.30	1 / 0	23.02	22.72	0.187	30.00	-7.28
	256-QAM	1779.3	-0.30	1 / 0	19.91	19.61	0.091	30.00	-10.39
		1711.5	-0.30	1 / 0	24.70	24.40	0.275	30.00	- <mark>5.6</mark> 0
	QPSK	1745.0	-0.30	1 / 0	24.62	24.32	0.270	30.00	-5.68
2 MU-		1778.5	-0.30	1 / 0	24.51	24.21	0.264	30.00	-5.79
5 10172	16-QAM	1711.5	-0.30	1 / 0	24.07	23.77	0.238	30.00	-6.23
	64-QAM	1711.5	-0.30	1 / 0	22.87	22.57	0.181	30.00	-7.43
	256-QAM	1711.5	-0.30	1 / 0	19.92	19.62	0.092	30.00	-10.38
		1712.5	-0.30	1 / 0	24.70	24.40	0.275	30.00	- <mark>5.6</mark> 0
	QPSK	1745.0	-0.30	1 / 0	24.68	24.38	0.274	30.00	- <mark>5.6</mark> 2
5 MU-		1777.5	-0.30	1 / 0	24.82	24.52	0.283	30.00	-5.48
5 10112	16-QAM	1712.5	-0.30	1 / 0	24.23	23.93	0.247	30.00	-6.07
	64-QAM	1745.0	-0.30	1 / 12	22.95	22.65	0.184	30.00	-7.35
	256-QAM	1712.5	-0.30	1 / 0	20.05	19.75	0.094	30.00	-10.25
		1715.0	-0.30	1 / 0	24.68	24.38	0.274	30.00	-5.62
	QPSK	1745.0	-0.30	1 / 0	24.63	24.33	0.271	30.00	-5.67
10 MHz		1775.0	-0.30	1 / 0	24.57	24.27	0.267	30.00	-5.73
	16-QAM	1715.0	-0.30	1 / 0	24.00	23.70	0.234	30.00	-6.30
	64-QAM	1745.0	-0.30	1 / 49	22.91	22.61	0.182	30.00	-7.39
	256-QAM	1715.0	-0.30	1 / 0	20.00	19.70	0.093	30.00	-10.30
		1717.5	-0.30	1 / 0	24.58	24.28	0.268	30.00	-5.72
	QPSK	1745.0	-0.30	1 / 0	24.60	24.30	0.269	30.00	-5.70
15 MHz		1772.5	-0.30	1 / 0	24.30	24.00	0.251	30.00	-6.00
10 10112	16-QAM	1717.5	-0.30	1 / 74	23.91	23.61	0.230	30.00	-6.39
	64-QAM	1717.5	-0.30	1 / 0	22.87	22.57	0.181	30.00	-7.43
	256-QAM	1717.5	-0.30	1 / 0	19.90	19.60	0.091	30.00	-10.40
		1720.0	-0.30	1 / 0	24.62	24.32	0.270	30.00	- <mark>5.68</mark>
	QPSK	1745.0	-0.30	1 / 0	24.44	24.14	0.259	30.00	-5.86
20 MU7		1770.0	-0.30	1 / 0	24.48	24.18	0.262	30.00	- <mark>5</mark> .82
20 10112	16-QAM	1770.0	-0.30	1 / 0	24.09	23.79	0.239	30.00	-6.21
	64-QAM	1720.0	-0.30	1 / 0	23.02	22.72	0.187	30.00	-7.28
	256-QAM	1720.0	-0.30	1/0	19.82	19.52	0.090	30.00	-10.48

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 202 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 293 01 351	
			1/2 2 00/07/2022	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1710.7	-0.30	1 / 0	24.68	24.38	0.274	30.00	-5.62
	QPSK	1732.5	-0.30	1 / 0	24.70	24.40	0.275	30.00	-5.60
1 / MH7		1754.3	-0.30	1 / 0	24.54	24.24	0.265	30.00	-5.76
1.4 10112	16-QAM	1710.7	-0.30	1 / 0	24.25	23.95	0.248	30.00	-6.05
	64-QAM	1732.5	-0.30	1 / 0	23.36	23.06	0.202	30.00	-6.94
	256-QAM	1710.7	-0.30	1 / 0	20.29	19.99	0.100	30.00	-10.01
		1711.5	-0.30	1 / 0	24.62	24.32	0.270	30.00	-5.68
	QPSK	1732.5	-0.30	1 / 0	24.70	24.40	0.275	30.00	-5.60
3 MH7		1753.5	-0.30	1 / 0	24.60	24.30	0.269	30.00	-5.70
5 10112	16-QAM	1753.5	-0.30	1 / 0	24.23	23.93	0.247	30.00	-6.07
	64-QAM	1732.5	-0.30	1 / 0	23.30	23.00	0.200	30.00	-7.00
	256-QAM	1732.5	-0.30	1 / 0	20.24	19.94	0.099	30.00	-10.06
		1712.5	-0.30	1 / 0	24.60	24.30	0.269	30.00	-5.70
	QPSK	1732.5	-0.30	1 / 0	24.70	24.40	0.275	30.00	-5.60
5 MU7		1752.5	-0.30	1 / 0	24.56	24.26	0.267	30.00	-5.74
	16-QAM	1732.5	-0.30	1 / 24	24.31	24.01	0.252	30.00	-5.99
	64-QAM	1712.5	-0.30	1 / 0	23.45	23.15	0.207	30.00	-6.85
	256-QAM	1732.5	-0.30	1 / 0	20.30	20.00	0.100	30.00	-10.00
		1715.0	-0.30	1 / 0	24.63	24.33	0.271	30.00	-5.67
	QPSK	1732.5	-0.30	1 / 0	24.69	24.39	0.275	30.00	-5.61
10 MU7		1750.0	-0.30	1 / 25	24.57	24.27	0.267	30.00	-5.73
	16-QAM	1715.0	-0.30	1 / 0	24.27	23.97	0.249	30.00	-6.03
	64-QAM	1732.5	-0.30	1 / 0	23.28	22.98	0.199	30.00	-7.02
	256-QAM	1732.5	-0.30	1 / 0	20.18	19.88	0.097	30.00	-10.12
		1717.5	-0.30	1 / 0	24.40	24.10	0.257	30.00	-5.90
	QPSK	1732.5	-0.30	1 / 0	24.55	24.25	0.266	30.00	-5.75
15 MHz		1747.5	-0.30	1 / 0	24.47	24.17	0.261	30.00	-5.83
	16-QAM	1717.5	-0.30	1 / 0	24.27	23.97	0.249	30.00	-6.03
	64-QAM	1732.5	-0.30	1 / 74	23.17	22.87	0.194	30.00	-7.13
	256-QAM	1717.5	-0.30	1 / 0	20.16	19.86	0.097	30.00	-10.14
		1720.0	-0.30	1 / 99	24.50	24.20	0.263	30.00	-5.80
	QPSK	1732.5	-0.30	1 / 50	24.70	24.40	0.275	30.00	-5.60
20 MU-		1745.0	-0.30	1 / 50	24.69	24.39	0.275	30.00	-5.61
	16-QAM	1745.0	-0.30	1 / 50	24.31	24.01	0.252	30.00	-5.99
	64-QAM	1745.0	-0.30	1 / 0	23.31	23.01	0.200	30.00	-6.99
	256-QAM	1732.5	-0.30	1 / 0	20.15	19.85	0.097	30.00	-10.15

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 204 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 294 01 351	
			1/2 2 00/07/2022	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1712.5	-0.30	1 / 12	24.62	24.32	0.270	30.00	-5.68
	π/2 BPSK	1745.0	-0.30	1/1	24.62	24.32	0.270	30.00	-5.68
		1777.5	-0.30	1 / 23	24.46	24.16	0.260	30.00	-5.84
		1712.5	-0.30	1 / 12	24.68	24.38	0.274	30.00	-5.62
5 MHz	QPSK	1745.0	-0.30	1 / 12	24.66	24.36	0.273	30.00	-5.64
		1777.5	-0.30	1/1	24.54	24.24	0.265	30.00	-5.76
	16-QAM	1745.0	-0.30	1/1	23.72	23.42	0.220	30.00	-6.58
	64-QAM	1745.0	-0.30	1/1	22.20	21.90	0.155	30.00	-8.10
	200-QAIVI	1745.0	-0.30	1/1	20.12	24.26	0.090	30.00	-10.10
	π/2 BPSK	1745.0	-0.30	1/1	24.50	24.20	0.268	30.00	-5.72
		1775.0	-0.30	1/1	24.53	24.23	0.265	30.00	-5.77
		1715.0	-0.30	1/1	24.65	24.35	0.273	30.00	-5.65
10 MHz	QPSK	1745.0	-0.30	1/1	24.66	24.36	0.273	30.00	-5.64
		1775.0	-0.30	1/1	24.61	24.31	0.270	30.00	-5.69
	16-QAM	1745.0	-0.30	1 / 25	23.97	23.67	0.233	30.00	-6.33
	64-QAM	1745.0	-0.30	1 / 25	22.22	21.92	0.156	30.00	-8.08
	256-QAM	1745.0	-0.30	1/1	20.15	19.85	0.097	30.00	-10.15
		1717.5	-0.30	1/1	24.65	24.35	0.272	30.00	-5.65
	π/2 BPSK	1745.0	-0.30	1/77	24.68	24.38	0.274	30.00	-5.62
		1//2.5	-0.30	1/1	24.64	24.34	0.271	30.00	-5.66
	OBSK	1/1/.5	-0.30	1/1	24.67	24.37	0.273	30.00	-5.63
15 MHZ	QPSK	1745.0	-0.30	1/1	24.70	24.40	0.275	30.00	-5.60
	16-OAM	1712.5	-0.30	1/77	24.05	24.55	0.272	30.00	-6.48
	64-QAM	1745.0	-0.30	1/37	22.36	22.06	0.161	30.00	-7.94
	256-QAM	1745.0	-0.30	1/1	20.18	19.88	0.097	30.00	-10.12
		1720.0	-0.30	1 / 50	24.68	24.38	0.274	30.00	-5.62
	π/2 BPSK	1745.0	-0.30	1/1	24.70	24.40	0.275	30.00	-5.60
		1770.0	-0.30	1/1	24.63	24.33	0.271	30.00	-5.67
		1720.0	-0.30	1/1	24.70	24.40	0.275	30.00	-5.60
20 MHz	QPSK	1745.0	-0.30	1 / 104	24.68	24.38	0.274	30.00	-5.62
		1770.0	-0.30	1/1	24.62	24.32	0.270	30.00	-5.68
	16-QAM	1745.0	-0.30	1 / 50	23.78	23.48	0.223	30.00	-6.52
	64-QAM	1745.0	-0.30	1 / 104	22.34	22.04	0.160	30.00	-7.96
	256-QAM	1745.0	-0.30	1/99	20.27	19.97	0.099	30.00	-10.03
		1722.5	-0.30	1/00	24.59	24.29	0.208	30.00	-5./1
	II/2 DFOR	1745.0	-0.30	1/1	24.70	24.40	0.275	30.00	-5.60
	OPSK	1722.5	-0.30	1/1	24.67	24.32	0.271	30.00	-5.68
25 MHz		1745.0	-0.30	1/1	24.62	24.32	0.270	30.00	-5.68
		1767.5	-0.30	1/1	24.61	24.31	0.270	30.00	-5.69
	16-QAM	1767.5	-0.30	1/1	24.02	23.72	0.236	30.00	-6.28
	64-QAM	1722.5	-0.30	1 / 66	22.18	21.88	0.154	30.00	-8.12
	256-QAM	1745.0	-0.30	1 / 99	20.25	19.95	0.099	30.00	-10.05
		1725.0	-0.30	1 / 80	24.67	24.37	0.273	30.00	-5.63
	π/2 BPSK	1745.0	-0.30	1 / 80	24.57	24.27	0.267	30.00	-5.73
		1765.0	-0.30	1/80	24.58	24.28	0.268	30.00	-5.72
30 MU-	OPCY	1725.0	-0.30	1/58	24.08	24.38	0.272	30.00	-5.62
30 10172	QF3K	1745.0	-0.30	1/1	24.00	24.30	0.275	30.00	-5.60
	16-QAM	1745.0	-0.30	1 / 80	24.01	23 71	0.235	30.00	-6.29
	64-QAM	1725.0	-0.30	1 / 80	22.41	22.11	0.163	30.00	-7.89
	256-QAM	1745.0	-0.30	1/1	20.39	20.09	0.102	30.00	-9.91
		1727.5	-0.30	1/1	24.57	24.27	0.267	30.00	-5.73
	π/2 BPSK	1745.0	-0.30	1 / 90	24.45	24.15	0.260	30.00	-5.85
		1762.5	-0.30	1 / 90	24.63	24.33	0.271	30.00	-5.67
		1727.5	-0.30	1 / 90	24.60	24.30	0.269	30.00	-5.70
35 MHz	QPSK	1745.0	-0.30	1 / 90	24.57	24.27	0.267	30.00	-5.73
	10.0414	1762.5	-0.30	1/1	24.70	24.40	0.275	30.00	-5.60
	16-QAM	1/62.5	-0.30	1/90	23.72	23.42	0.220	30.00	-6.58
	256 QAM	1727.5	-0.30	1/100	22.39	10.01	0.102	30.00	-7.91
	200-QAIVI	1727.5	-0.30	1/1	20.21	24.36	0.090	30.00	-10:09
	TT/2 BPSK	1745.0	-0.30	1/1	24.65	24.35	0.272	30.00	-5.65
	ing of or	1760.0	-0.30	1/214	24,68	24.38	0.274	30.00	-5.62
		1730.0	-0.30	1 / 214	24.64	24.34	0.272	30.00	-5.66
40 MHz	QPSK	1745.0	-0.30	1 / 108	24.70	24.40	0.275	30.00	-5.60
		1760.0	-0.30	1/1	24.70	24.40	0.275	30.00	-5.60
	16-QAM	1745.0	-0.30	1 / 214	23.89	23.59	0.229	30.00	-6.41
	64-QAM	1760.0	-0.30	1 / 214	22.25	21.95	0.157	30.00	-8.05
	256-QAM	1730.0	-0.30	1/1	20.57	20.27	0.106	30.00	-9.73

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 205 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 295 01 551	
			V2.2 09/07/2023	



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1697.5	-0.80	1 / 1	24.67	23.87	0.244	30.00	-6.13
	π/2 BPSK	1702.5	-0.80	1 / 1	24.68	23.88	0.244	30.00	-6.12
		1707.5	-0.80	1 / 12	24.69	23.89	0.245	30.00	-6.11
		1697.5	-0.80	1 / 1	24.70	23.90	0.245	30.00	-6.10
5 MHz	QPSK	1702.5	-0.80	1 / 12	24.70	23.90	0.245	30.00	-6.10
		1707.5	-0.80	1 / 12	24.68	23.88	0.244	30.00	-6.12
	16-QAM	1707.5	-0.80	1 / 12	23.90	23.10	0.204	30.00	-6.90
	64-QAM	1702.5	-0.80	1 / 23	22.40	21.60	0.145	30.00	-8.40
	256-QAM	1697.5	-0.80	1 / 12	20.22	19.42	0.087	30.00	-10.58
	π/2 BPSK	1700.0	-0.80	1 / 48	24.67	23.87	0.244	30.00	-6.13
		1702.5	-0.80	1 / 25	24.68	23.88	0.245	30.00	-6.12
		1705.0	-0.80	1 / 25	24.70	23.90	0.245	30.00	-6.10
		1700.0	-0.80	1 / 48	24.69	23.89	0.245	30.00	-6.11
10 MHz	QPSK	1702.5	-0.80	1 / 25	24.70	23.90	0.245	30.00	-6.10
		1705.0	-0.80	1 / 1	24.69	23.89	0.245	30.00	-6.11
	16-QAM	1702.5	-0.80	1 / 1	24.00	23.20	0.209	30.00	-6.80
	64-QAM	1700.0	-0.80	1 / 1	22.29	21.49	0.141	30.00	-8.51
	256-QAM	1705.0	-0.80	1 / 25	20.31	19.51	0.089	30.00	-10.49
	π/2 BPSK	1702.5	-0.80	1 / 1	24.68	23.88	0.244	30.00	-6.12
	QPSK	1702.5	-0.80	1 / 1	24.70	23.90	0.245	30.00	-6.10
15 MHz	16-QAM	1702.5	-0.80	1 / 37	23.84	23.04	0.201	30.00	-6.96
	64-QAM	1702.5	-0.80	1 / 37	22.29	21.49	0.141	30.00	-8.51
	256-QAM	1702.5	-0.80	1 / 37	20.22	19.42	0.087	30.00	-10.58

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 296 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 290 01 331	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 298 01 33	



## WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	24.61	-0.30	24.31	0.270	30.00	-5.69
1732.60	WCDMA1700	24.70	-0.30	24.40	0.275	30.00	-5.60
1752.60	WCDMA1700	24.59	-0.30	24.29	0.269	30.00	-5.71

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 207 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 297 01 351	
			1/2 2 00/07/2022	



# 7.6.5 Antenna 1b – EIRP

#### LTE Band 66

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1710.7	-2.40	1 / 0	24.66	22.26	0.168	30.00	-7.74
	QPSK	1745.0	-2.40	1 / 0	24.58	22.18	0.165	30.00	-7.82
1 / MU-		1779.3	-2.40	1 / 0	24.70	22.30	0.170	30.00	-7.70
1.4 WINZ	16-QAM	1745.0	-2.40	1 / 0	23.94	21.54	0.143	30.00	-8.46
	64-QAM	1779.3	-2.40	1/3	23.97	21.57	0.144	30.00	-8.43
	256-QAM	1779.3	-2.40	1/3	23.98	21.58	0.144	30.00	-8.42
		1711.5	-2.40	1 / 0	24.70	22.30	0.170	30.00	-7.70
	QPSK	1745.0	-2.40	1 / 0	24.57	22.17	0.165	30.00	-7.83
3 MU7		1778.5	-2.40	1 / 0	24.54	22.14	0.164	30.00	-7.86
5 11112	16-QAM	1711.5	-2.40	1 / 0	24.00	21.60	0.145	30.00	-8.40
	64-QAM	1745.0	-2.40	1 / 0	23.96	21.56	0.143	30.00	-8.44
	256-QAM	1745.0	-2.40	1 / 0	23.98	21.58	0.144	30.00	-8.42
		1712.5	-2.40	1 / 0	24.68	22.28	0.169	30.00	-7.72
	QPSK	1745.0	-2.40	1 / 0	24.62	22.22	0.167	30.00	-7.78
5 MU7		1777.5	-2.40	1 / 0	24.67	22.27	0.169	30.00	-7.73
	16-QAM	1745.0	-2.40	1 / 0	24.07	21.67	0.147	30.00	-8.33
	64-QAM	1745.0	-2.40	1 / 0	24.07	21.67	0.147	30.00	-8.33
	256-QAM	1745.0	-2.40	1 / 12	24.07	21.67	0.147	30.00	-8.33
		1715.0	-2.40	1 / 0	24.70	22.30	0.170	30.00	-7.70
	QPSK	1745.0	-2.40	1 / 25	24.61	22.21	0.166	30.00	-7.79
10 MU-		1775.0	-2.40	1 / 0	24.64	22.24	0.167	30.00	-7.76
	16-QAM	1745.0	-2.40	1 / 25	24.02	21.62	0.145	30.00	-8.38
	64-QAM	1745.0	-2.40	1 / 0	24.06	21.66	0.147	30.00	-8.34
	256-QAM	1745.0	-2.40	1 / 25	23.97	21.57	0.144	30.00	-8.43
		1717.5	-2.40	1 / 0	24.48	22.08	0.161	30.00	-7.92
	QPSK	1745.0	-2.40	1 / 0	24.51	22.11	0.163	30.00	-7.89
15 MUZ		1772.5	-2.40	1 / 0	24.39	21.99	0.158	30.00	-8.01
13 10112	16-QAM	1717.5	-2.40	1 / 37	23.97	21.57	0.144	30.00	-8.43
64-QAM 256-QAM	64-QAM	1717.5	-2.40	1 / 0	24.05	21.65	0.146	30.00	-8.35
	256-QAM	1717.5	-2.40	1 / 74	24.11	21.71	0.148	30.00	-8.29
		1720.0	-2.40	1 / 0	24.43	22.03	0.160	30.00	-7.97
	QPSK	1745.0	-2.40	1 / 0	24.37	21.97	0.157	30.00	-8.03
20 MU-		1770.0	-2.40	1 / 0	24.45	22.05	0.160	30.00	-7.95
	16-QAM	1770.0	-2.40	1 / 0	24.01	21.61	0.145	30.00	-8.39
	64-QAM	1770.0	-2.40	1 / 50	23.82	21.42	0.139	30.00	-8.58
	256-QAM	1745.0	-2.40	1 / 50	23.92	21.52	0.142	30.00	-8.48

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 209 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 290 01 551
			1/2 2 00/07/2022



Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1710.7	-2.40	1 / 5	24.65	22.25	0.168	30.00	-7.75
	QPSK	1732.5	-2.40	1 / 0	24.63	22.23	0.167	30.00	-7.77
1 / MU7		1754.3	-2.40	1 / 0	24.62	22.22	0.167	30.00	-7.78
1.4 10112	16-QAM	1732.5	-2.40	1/3	23.99	21.59	0.144	30.00	-8.41
	64-QAM	1732.5	-2.40	1 / 5	24.02	21.62	0.145	30.00	-8.38
	256-QAM	1732.5	-2.40	1 / 5	24.01	21.61	0.145	30.00	-8.39
		1711.5	-2.40	1 / 0	24.70	22.30	0.170	30.00	-7.70
	QPSK	1732.5	-2.40	1 / 0	24.67	22.27	0.169	30.00	-7.73
3 MU7		1753.5	-2.40	1 / 0	24.43	22.03	0.160	30.00	-7.97
5 11112	16-QAM	1732.5	-2.40	1 / 0	23.95	21.55	0.143	30.00	-8.45
	64-QAM	1732.5	-2.40	1 / 0	24.03	21.63	0.146	30.00	-8.37
	256-QAM	1732.5	-2.40	1 / 0	24.07	21.67	0.147	30.00	-8.33
		1712.5	-2.40	1 / 0	24.70	22.30	0.170	30.00	-7.70
	QPSK	1732.5	-2.40	1 / 0	24.68	22.28	0.169	30.00	-7.72
5 MU-		1752.5	-2.40	1 / 0	24.64	22.24	0.167	30.00	-7.76
	16-QAM	1732.5	-2.40	1 / 0	24.22	21.82	0.152	30.00	-8.18
	64-QAM	1732.5	-2.40	1 / 0	24.21	21.81	0.152	30.00	-8.19
	256-QAM	1732.5	-2.40	1 / 0	24.17	21.77	0.150	30.00	-8.23
		1715.0	-2.40	1 / 0	24.70	22.30	0.170	30.00	-7.70
	QPSK	1732.5	-2.40	1 / 0	24.70	22.30	0.170	30.00	-7.70
10 MU-		1750.0	-2.40	1/0	24.45	22.05	0.160	30.00	-7.95
	16-QAM	1732.5	-2.40	1 / 0	24.02	21.62	0.145	30.00	-8.38
	64-QAM	1732.5	-2.40	1 / 0	23.98	21.58	0.144	30.00	-8.42
	256-QAM	1732.5	-2.40	1 / 49	23.97	21.57	0.144	30.00	-8.43
		1717.5	-2.40	1 / 0	24.46	22.06	0.161	30.00	-7.94
	QPSK	1732.5	-2.40	1 / 0	24.65	22.25	0.168	30.00	-7.75
15 MU-		1747.5	-2.40	1 / 0	24.36	21.96	0.157	30.00	-8.04
	16-QAM	1717.5	-2.40	1 / 0	24.04	21.64	0.146	30.00	- <mark>8</mark> .36
	64-QAM 256-QAM	1717.5	-2.40	1 / 0	23.90	21.50	0.141	30.00	-8.50
		1717.5	-2.40	1 / 0	23.99	21.59	0.144	30.00	-8.41
		1720.0	-2.40	1 / 0	24.47	22.07	0.161	30.00	-7.93
	QPSK	1732.5	-2.40	1 / 0	24.50	22.10	0.162	30.00	-7.90
20 MU-		1745.0	-2.40	1 / 50	24.48	22.08	0.161	30.00	-7.92
	16-QAM	1745.0	-2.40	1 / 0	24.09	21.69	0.148	30.00	-8.31
	64-QAM	1745.0	-2.40	1 / 0	23.93	21.53	0.142	30.00	-8.47
	256-QAM	1745.0	-2.40	1 / 0	24.05	21.65	0.146	30.00	-8.35

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 200 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 299 01 551
			1/2 2 00/07/2022



11/10         21/15         2-2.00         1/1         24.45         22.00         10.17         30.00         -8.44           10         0         0         17715         -2.40         1/12         24.40         21.00         0.151         30.00         -7.80           10         0         0         1712.5         -2.40         1/11         24.44         22.14         0.161         30.00         -7.80           10         15.0AM         1745.0         -2.40         1/12         22.31         21.31         0.153         30.00         -7.80           10         15.0AM         1745.0         -2.40         1/1.1         24.81         0.155         30.00         -7.80           1715.0         -2.40         1/1.5         24.50         21.81         0.155         30.00         -7.81           1715.0         -2.40         1/15         24.50         22.16         0.161         30.00         -7.81           1715.0         -2.40         1/1.5         24.50         22.15         0.153         30.00         -7.81           10         0.904         17.75         -2.40         1/1.1         24.50         21.16         0.163         30.00	Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
Image Besk         Trates         2.46         1/1         2.443         2.205         0.180         30.00         7.85           5 MHz         0PSK         17125         3.40         1/12         2.430         1/14         0.180         0.000         7.85           10 MHz         10.00         1775         3.40         1/11         2.431         0.116         0.000         7.85           10 AML         1775         3.40         1/11         2.431         0.115         0.000         4.760           246.0AM         1775         2.40         1/1         2.438         0.138         0.000         4.760           246.0AM         1775         2.40         1/1         2.438         0.162         0.000         7.80           246.0AM         1775         2.40         1/1         2.438         0.163         0.000         7.80           1775         2.40         1/1         2.433         2.148         0.150         0.000         7.81           1715         2.40         1/1         2.433         2.148         0.150         0.000         7.81           111         0.244         1715         2.40         1/1         2.429 <t< th=""><th></th><th></th><th>1712.5</th><th>-2.40</th><th>1/1</th><th>24.36</th><th>21.96</th><th>0.157</th><th>30.00</th><th>-8.04</th></t<>			1712.5	-2.40	1/1	24.36	21.96	0.157	30.00	-8.04
S MHz         1775         240         1/23         2423         2120         0.181         30.00         4.82           S MHz         0PSK         1745         2.40         1/11         2443         2214         0.181         30.00         4.82           B CAM         1775         2.40         1/11         2443         2214         0.181         30.00         4.82           B CAM         1775         2.40         1/13         220         0.195         0.003         30.00         4.24           B CAM         1775         2.40         1/11         2435         2.01         0.195         0.000         7.60           B CAM         1775         2.40         1/11         2435         2.101         0.101         0.000         7.61           1775         2.40         1/15         2.44         1.125         0.000         7.61           1775         2.40         1/15         2.43         1.135         0.000         7.61           1775         2.40         1/15         2.43         1.135         0.000         7.61           180MHz         1745         2.40         1/11         2.445         0.141         0.007         <		π/2 BPSK	1745.0	-2.40	1/1	24.45	22.05	0.160	30.00	-7.95
S MHz         0PSK         11/25         -2.40         11/12         2.433         2.039         0.108         30.00         -7.97           16.2ML         17756         -2.40         11/13         2.215         0.105         30.00         -7.97           16.2ML         17756         -2.40         11/13         2.215         0.105         30.00         4.92           26.40ML         17756         -2.40         11/1         2.428         0.105         30.00         4.26           26.40ML         17756         -2.40         11/1         2.438         0.108         30.00         -7.97           17750         -2.40         11/15         2.448         12.148         0.198         30.00         -7.97           17150         -2.40         11/15         2.448         12.15         0.000         -7.81           17150         -2.40         11/15         2.438         2.148         0.190         30.00         -7.91           17150         -2.40         11/1         2.446         12.55         0.003         30.00         -7.81           17150         -2.40         11/1         2.400         11/1         2.400         0.908         7.74			1///.5	-2.40	1/23	24.20	21.80	0.151	30.00	-8.20
Outline         Outline         1775         2.00         1/1         2.80         1.00         1.95         9.00         4.00           B-CAMI         1715         2.00         1/1         2.80         1.95         0.00         4.00           B-CAMI         1715         2.00         1/1         2.80         1984         1725         0.00         3.00         4.80           MILE         0.001         1715         2.40         1/1         2.480         1.21         0.003         3.00         4.80           MILE         0.001         1715         2.40         1/1         2.480         1.21         0.1915         0.000         .784           1775         2.40         1/15         2.40         1/15         2.40         1/15         0.240         1/16         0.000         .784           16.0AM         17450         2.40         1/15         2.40         1/17         0.433         0.160         0.000         .784           17750         2.40         1/17         2.40         1/17         2.400         1/16         0.000         .784           17750         2.40         1/17         2.40         1/17         2.400         <	5 MHz	OPSK	1712.5	-2.40	1/12	24.43	22.03	0.160	30.00	-7.97
19-CAM         17450         2:00         1/23         2:37         2:131         0.135         3:200         -8:20           28-CAM         1775         2:20         1/1         2:208         10.80         0:007         3:000         -1:24           28-CAM         17750         2:20         1/1         2:48         0:158         3:000         -8:00           10 MHz         7750         2:40         1/1         2:40         1/1         2:44         0:158         3:000         -7:00           10 MHz         0:FK         1750         2:40         1/1         2:40         1/1         2:44         0:158         3:000         -7:00           10 MHz         0:FK         17750         2:40         1/1         2:45         2:13         0:161         3:000         -7:00           11 MHz         0:FA         17:05         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1         2:40         1/1 <t< th=""><th>5 11112</th><td>QI OK</td><td>1743.0</td><td>-2.40</td><td>1/1</td><td>24.34</td><td>21.90</td><td>0.155</td><td>30.00</td><td>-8.10</td></t<>	5 11112	QI OK	1743.0	-2.40	1/1	24.34	21.90	0.155	30.00	-8.10
96-CAM         177.5         2-40         1/1         22.08         196.8         0.093         30.00         -10.22           10 MHz         177.5         2-40         1/1         24.38         21.96         0.158         30.00         4.02           177.50         2-40         1/1         24.38         21.96         0.158         30.00         7.84           0.001         177.50         2-40         1/2.5         24.24         21.8         0.158         30.00         7.84           0.002         177.50         2-40         1/2.5         24.35         21.95         0.159         30.00         47.84           16.0AM         175.0         2-40         1/1.25         24.85         12.85         0.001         7.74           16.0AM         175.0         2-40         1/17         24.05         12.85         0.001         7.74           177.5         2-40         1/17         24.06         17.75         0.001         7.74           177.5         2-40         1/17         24.06         17.75         0.001         7.74           177.5         2-40         1/17         24.06         17.23         0.001         7.74		16-QAM	1745.0	-2.40	1/23	23.71	21.31	0.135	30.00	-8.69
286-QAM         1775         2-40         1/23         1984         1754         0.057         30.00         42.40           10 MHz         175.0         2-40         1/1         24.80         0.152         30.00         42.40           175.0         2-40         1/25         24.24         21.84         0.153         30.00         47.80           0.95K         175.0         2-40         1/25         24.24         21.84         0.153         30.00         47.80           16-QAM         175.0         2-40         1/25         24.33         21.85         0.153         30.00         47.80           16-QAM         175.0         2-40         1/1         22.80         0.168         30.00         47.40           177.5         2-40         1/1         22.80         0.168         30.00         47.40           177.5         2-40         1/1         24.66         22.20         0.168         30.00         47.40           177.5         2-40         1/1         24.60         22.20         0.168         30.00         47.40           177.5         2-40         1/1         24.60         1/17         24.62         22.17         0.165		64-QAM	1712.5	-2.40	1/1	22.08	19.68	0.093	30.00	-10.32
10 MHz         175.0         -2.40         1/1         24.38         21.98         0.758         30.00         -8.02           10 MHz         GPSK         1775.0         -2.40         1/12         24.24         21.8         0.158         30.00         -7.80           10 GPSK         1775.0         -2.40         1/25         24.24         21.8         0.161         30.00         -7.84           16-0.AM         175.0         -2.40         1/25         24.35         21.8         0.163         30.00         -7.84           16-0.AM         175.0         -2.40         1/25         24.35         21.8         0.163         30.00         -7.84           286-0.AM         171.5         -2.40         1/17         24.62         22.20         0.167         30.00         -7.76           171.75         -2.40         1/17         24.62         22.20         0.168         30.00         -7.76           171.75         -2.40         1/17         24.62         22.11         0.163         30.00         -7.76           171.75         -2.40         1/17         24.62         22.12         0.168         30.00         -7.76           171.75         -2.40		256-QAM	1777.5	-2.40	1 / 23	19.94	17.54	0.057	30.00	-12.46
10 MHz         m2 2PSK         175.0         2.40         1/1         24.50         22.16         0.162         30.00         7.80           10 MHz         0PSK         1775.0         2.40         1/25         24.53         22.18         0.163         30.00         7.80           16-0AM         175.0         2.40         1/15         24.53         22.18         0.164         30.00         7.87           16-0AM         175.0         2.40         1/15         24.64         1/65         30.00         4.07           16-0AM         175.0         2.40         1/1         2.18         0.133         30.00         4.07           177.5         2.40         1/17         2.42         1.06         30.00         7.74           177.5         2.40         1/17         2.42         2.22         0.168         30.00         7.76           177.5         2.40         1/1         2.470         2.211         0.168         30.00         7.76           177.5         2.40         1/1         2.477         2.33         0.133         30.00         4.01           16.0AM         177.5         2.40         1/1         2.476         0.166 <td< th=""><th></th><th></th><th>1715.0</th><th>-2.40</th><th>1/1</th><th>24.38</th><th>21.98</th><th>0.158</th><th>30.00</th><th>-8.02</th></td<>			1715.0	-2.40	1/1	24.38	21.98	0.158	30.00	-8.02
10 MHz		π/2 BPSK	1745.0	-2.40	1/1	24.50	22.10	0.162	30.00	-7.90
10 MHz         OPSK         17450         2-240         1/1         24.83         22.16         0.184         30.00         -7.84           16-QAM         17750         -240         1/125         22.33         0.184         30.00         -8.01           16-QAM         17750         -240         1/125         22.85         0.184         30.00         4.01           928-QAM         17755         -240         1/1         22.16         10.70         0.083         30.00         -7.78           17175         -240         1/17         24.62         22.22         0.187         30.00         -7.78           17175         -240         1/17         24.62         22.22         0.187         30.00         -7.78           17175         -240         1/1         24.77         21.77         0.183         30.00         -7.78           16-QAM         17175         -240         1/1         24.77         0.183         30.00         -7.78           16-QAM         1715         -240         1/1         24.65         1/1         24.65         1/1         24.65         1/1         24.65         1/1         24.65         1/1         24.75         0.00			1775.0	-2.40	1 / 25	24.24	21.84	0.153	30.00	-8.16
U M12         Orse         1/12         22.30         1/12         22.30         1/16         0.102         9.000         -1.63           16-QAM         17750         -2.40         11/25         22.86         21.53         0.138         9.000         -4.36           16-QAM         17450         -2.40         11/1         22.16         0.138         9.000         -1.36           266-QAM         17450         -2.40         11/1         22.16         0.168         9.000         -7.74           m12.8F6K         1772.5         -2.40         11/1         22.46         22.22         0.168         30.00         -7.76           m171.5         -2.40         11/1         24.62         22.22         0.168         30.00         -7.76           m171.5         -2.40         11/1         24.72         21.71         0.168         30.00         -7.76           1772.5         -2.40         11/1         24.57         22.17         0.168         30.00         -7.70           16-QAM         1715.5         -2.40         11/1         24.61         22.23         0.168         30.00         -7.70           170.0         -2.40         11/1         24.61	10 1411-	ODSK	1715.0	-2.40	1/25	24.53	22.13	0.163	30.00	-7.87
16-OML         1760         2-26         1720         2500         2175         0.103         9000         4.375           84-QAM         17160         -240         1/1         2210         975         0.003         9000         -1240           171175         -240         1/1         9755         0.003         9000         -778           17175         -240         1/17         24.62         2228         0.168         9000         -778           17175         -240         1/17         24.62         2228         0.168         9000         -778           0PSK         17450         -240         1/1         24.77         2137         0.170         900         -800         -774           0PSK         17450         -240         1/1         24.77         0.185         900         -780         -774           16-QAM         1775         -240         1/1         24.77         0.197         900         -780         -776           17200         -240         1/1         24.61         1/1         24.61         1/1         24.61         -776           17700         -240         1/1         24.61         2211         0.166		QFSK	1745.0	-2.40	1/1	24.50	22.10	0.164	30.00	-7.04
84-QAM         1775         240         1/1         220         1970         0.033         30.00         10.200           15 MHz         1775         240         1/1         24.66         22.22         0.167         30.00         -7.74           15 MHz         QPSK         177.5         -2.40         1/17         24.62         22.22         0.168         30.00         -7.76           0 GPSK         177.5         -2.40         1/17         24.62         22.22         0.168         30.00         -7.76           0 GPSK         177.5         -2.40         1/1         24.76         22.30         0.188         30.00         -7.70           16-QAM         171.75         -2.40         1/1         24.57         22.17         0.185         30.00         -7.70           16-QAM         171.75         -2.40         1/1         24.57         22.17         0.185         30.00         -7.70           172.0         -2.40         1/1         24.57         22.17         0.186         30.00         -7.70           172.0         -2.40         1/1         24.60         22.20         0.186         30.00         -7.77           172.0         -2.40		16-QAM	1745.0	-2.40	1/25	23.65	21.35	0.133	30.00	-8.75
28-0AM         17450         -240         1/10         1986         1755         0.077         3000         -724           m2 BPSK         1775         -240         1/17         2452         2222         0.167         3000         -776           15 MHz         0FSK         17450         -240         1/17         2452         2212         0.168         3000         -776           0FSK         1772.5         -240         1/11         24.52         2212         0.168         3000         -776           0FSK         1772.5         -240         1/11         24.57         22.37         0.170         30.00         -776           16-QAM         1777.5         -240         1/11         25.77         21.37         0.137         30.00         -780           16-QAM         1775.5         -240         1/1         24.61         22.30         10.67         30.00         -776           1720.0         -240         1/1         24.63         22.31         10.68         30.00         -776           1770.0         -240         1/1         24.63         22.31         10.68         30.00         -776           1770.0         -240 <td< th=""><th></th><th>64-QAM</th><th>1715.0</th><th>-2.40</th><th>1/1</th><th>22.10</th><th>19.70</th><th>0.093</th><th>30.00</th><th>-10.30</th></td<>		64-QAM	1715.0	-2.40	1/1	22.10	19.70	0.093	30.00	-10.30
20 MHz         177.5         2-40         1/17         24.68         22.26         0.168         30.00         -7.76           172.5         2-40         1/17         24.82         22.21         0.163         30.00         -7.78           171.5         2-40         1/17         24.82         22.12         0.163         30.00         -7.78           171.5         2-40         1/11         24.77         21.37         0.165         30.00         -7.78           18-0AM         1717.5         2-40         1/11         24.57         21.31         0.165         30.00         -7.83           28-0AM         1717.5         2-40         1/11         24.57         21.31         0.166         30.00         -7.83           28-0AM         1717.5         2-40         1/1         24.80         1/1         24.80         22.20         0.168         30.00         -7.89           172.00         2-40         1/1         24.61         22.11         0.168         30.00         -7.80           170.00         2-40         1/1         24.63         22.30         0.167         30.00         -7.71           170.00         2-40         1/1         24.85		256-QAM	1745.0	-2.40	1 / 50	19.95	17.55	0.057	30.00	-12.45
15 MHz         172 5         2.40         1/77         24.52         2.22         0.167         30.00         -7.78           15 MHz         177.5         -2.40         1/17         24.62         2.12         0.163         30.00         -7.78           16-0AM         177.5         -2.40         1/1         24.47         22.17         0.165         30.00         -7.88           16-0AM         177.5         -2.40         1/1         24.47         22.17         0.166         30.00         -7.88           40-0AM         177.5         -2.40         1/1         24.60         22.8         19.66         0.097         30.00         -8.63           772.00         -2.40         1/1         24.60         22.22         0.166         30.00         -7.76           770.00         -2.40         1/1         24.61         22.21         0.168         30.00         -7.76           170.00         -2.40         1/1         24.64         22.44         0.167         30.00         -7.76           18-0AM         174.50         -2.40         1/1         24.64         22.44         0.168         30.00         -7.76           18-0AM         172.50         <			1717.5	-2.40	1/1	24.66	22.26	0.168	30.00	-7.74
15 MHz         1772         2-40         1/17         24.52         2212         0.163         30.00         -7.84           19 MHz         0PSK         177.5         2-40         1/1         24.70         22.30         0.170         30.00         -7.74           18-0AM         1717.5         2-40         1/1         24.77         21.37         0.197         30.00         -7.83           28-0AM         1717.5         2-40         1/1         22.77         21.37         0.197         30.00         -7.83           28-0AM         1717.5         2-40         1/1         24.60         12.22         0.168         30.00         -7.80           28-0AM         1770.0         2-40         1/1         24.61         22.11         0.168         30.00         -7.80           7770.0         2-40         1/1         24.63         22.22         0.168         30.00         -7.77           170.0         2-40         1/1         24.64         1/1         24.64         0.167         30.00         -7.72           170.0         2-40         1/1         24.64         1/1         24.74         0.168         30.00         -7.72           170.75		π/2 BPSK	1745.0	-2.40	1 / 77	24.62	22.22	0.167	30.00	-7.78
15 MHz         0PSK         177.5         -2.40         1/1         24.66         2.286         0.183         30.00         -7.70           170.25         -2.40         1/1         24.57         22.17         0.163         30.00         -7.70           18-0AM         1717.5         -2.40         1/1         23.77         21.37         0.137         30.00         -8.83           64-0AM         1717.5         -2.40         1/1         24.67         22.17         0.168         30.00         -7.80           256-0AM         1717.5         -2.40         1/1         24.60         12.21         17.70         0.59         30.00         -7.80           172.00         -2.40         1/1         24.61         22.21         0.168         30.00         -7.76           177.00         -2.40         1/1         24.64         22.44         0.167         30.00         -7.76           18-0AM         1725.0         -2.40         1/1         24.64         22.44         0.168         30.00         -7.76           18-0AM         1725.0         -2.40         1/1         24.67         12.27         0.169         30.00         -7.76           25-0AMI			1772.5	-2.40	1 / 77	24.52	22.12	0.163	30.00	-7.88
15 MHz         OPSK         17/45.0         -2.40         1 //1         24.70         22.30         0.170         30.00         -7.70           16-OAM         1777.5         -2.40         1 //1         24.77         21.37         0.1165         30.00         -7.80           64-OAM         1747.5         -2.40         1 //1         22.87         19.86         0.007         30.00         -10.14           256-OAM         1717.5         -2.40         1 //1         22.46         19.86         0.007         30.00         -12.28           170.0         -2.40         1 //1         24.80         12.22         0.168         30.00         -7.76           170.0         -2.40         1 //1         24.45         22.21         0.168         30.00         -7.76           170.0         -2.40         1 //1         24.45         22.10         0.162         30.00         -7.76           170.0         -2.40         1 //1         24.45         22.11         0.163         30.00         -7.76           170.0         -2.40         1 //1         24.45         22.44         1.44         0.062         30.00         -7.76           16-0AM         172.50 <t< th=""><th></th><td></td><td>1717.5</td><td>-2.40</td><td>1/1</td><td>24.66</td><td>22.26</td><td>0.168</td><td>30.00</td><td>-7.74</td></t<>			1717.5	-2.40	1/1	24.66	22.26	0.168	30.00	-7.74
19-CAM         1772.5         -2.40         1/1         24.57         22.17         0.165         30.00         -7.83           16-CAM         1775.5         -2.40         1/17         22.26         19.86         0.097         30.00         +0.81           256-QAM         1775.5         2.40         1/11         24.81         22.20         0.166         30.00         -7.83           172.69         2.40         1/11         24.81         22.21         0.166         30.00         -7.78           1770.0         2.40         1/11         24.61         22.11         0.168         30.00         -7.77           1770.0         2.40         1/11         24.63         22.11         0.168         30.00         -7.77           176.0         2.40         1/11         24.64         22.24         0.167         30.00         -7.79           16-0AM         1760.0         2.40         1/14         24.64         22.40         0.168         30.00         -7.79           16-0AM         1765.0         2.40         1/14         24.67         22.27         0.198         30.00         -7.72           172.5         2.40         1/11         24.65	15 MHz	QPSK	1745.0	-2.40	1/1	24.70	22.30	0.170	30.00	-7.70
16-QAM         17/1/5         2-40         1/1         23.77         21.37         0.137         30.00         +8.63           26-QAM         1771.5         2-40         1/1         20.12         17.72         0.097         30.00         -10.14           25-QAM         1771.5         2-40         1/1         24.60         12.22         0.166         30.00         -7.78           1770.0         2-40         1/1         24.60         1/2.23         0.166         30.00         -7.78           1770.0         2-40         1/1         24.63         22.23         0.167         30.00         -7.78           1770.0         2-40         1/1         24.65         22.01         0.162         30.00         -7.76           170.0         2-40         1/1         24.65         22.10         0.162         30.00         -7.76           170.0         2-40         1/14         24.67         12.28         0.161         30.00         -7.76           170.0         2-40         1/11         24.67         12.89         30.00         -7.73           172.5         2-40         1/11         24.68         22.28         0.168         30.00         -7.7			1772.5	-2.40	1/1	24.57	22.17	0.165	30.00	-7.83
39-4.4Mm         1/14.0         2.40         1/3/3         22.62         19.80         0.007         30.00         -10.14           256-QAM         17/7.5         2.40         1/1         24.01         1/1         24.00         0.012         17.72         0.059         30.00         -7.80           172.0F3K         1772.0         2.40         1/1         24.61         22.21         0.166         30.00         -7.76           1772.0         2.40         1/1         24.63         22.23         0.167         30.00         -7.76           1770.0         2.40         1/1         24.63         22.24         0.167         30.00         -7.76           16-0AM         1770.0         2.40         1/10         22.36         0.169         30.00         -7.76           255-QAM         170.0         2.40         1/10         22.42         0.168         30.00         -7.76           172.87         2.40         1/11         24.65         22.26         0.169         30.00         -7.76           255-QAM         170.5         2.40         1/11         24.65         22.26         0.168         30.00         -7.76           1767.5         2.40		16-QAM	1717.5	-2.40	1/1	23.77	21.37	0.137	30.00	-8.63
20 MHz 20 MHz 20 MHz 72 BPSK 1720 172 16 16 172 16 172 172 16 172 172 172 172 16 172 172 172 172 172 16 172 16 172 174 172 172 174		64-QAM	1745.0	-2.40	1/3/	22.20	19.80	0.097	30.00	-10.14
20 MHz         11250         -2-80         1/1         24-81         2221         0.186         30.00         -7.78           20 MHz         0PSK         1176.0         -2.40         1/1         24-61         2211         0.183         30.00         -7.78           0PSK         1175.0         -2.40         1/1         24-63         22.23         0.167         30.00         -7.78           0PSK         1175.0         -2.40         1/1         24-63         22.23         0.167         30.00         -7.78           16-QAM         1720.0         -2.40         1/1         24-63         22.23         0.181         30.00         -67.2           256-QAM         1720.0         -2.40         1/14         24-64         22.24         0.188         30.00         -7.78           1775.5         -2.40         1/11         24-68         22.26         0.188         30.00         -7.76           1767.5         -2.40         1/11         24-64         22.24         0.188         30.00         -7.76           1767.5         -2.40         1/11         24-65         22.33         0.170         30.00         -7.78           1767.5         -2.40		200-QAIVI	1717.5	-2.40	1/1	20.12	22.20	0.059	30.00	-12.20
20 MHz         17700         2.40         1/1         24.51         22.11         0.163         30.00         7.786           20 MHz         0PSK         17700         2.40         1/1         2.463         22.23         0.167         30.00         -7.78           16-QAM         17700         2.40         1/1         2.463         22.23         0.167         30.00         -7.76           16-QAM         17200         2.40         1/10         2.463         1.950         2.210         0.162         30.00         -6.72           64-QAM         17200         2.40         1/104         22.34         10.82         30.00         -7.76           770         176.5         2.40         1/11         2.467         1.99         30.00         -7.73           770         775.5         2.40         1/11         2.468         2.224         0.189         30.00         -7.70           1767.5         2.40         1/11         2.465         2.225         0.189         30.00         -7.70           16-QAM         1742.5         2.40         1/11         2.373         2.13         0.138         30.00         -7.70           16-30.41         1767.		π/2 BPSK	1745.0	-2.40	1/1	24.60	22.20	0.166	30.00	-7 79
20 MHz         I720.0         -2.40         1/.1         24.63         22.23         0.167         30.00         -7.76           1775.0         -2.40         1/.1         24.64         22.24         0.167         30.00         -7.76           16-CAM         1720.0         -2.40         1/.1         24.64         22.10         0.162         30.00         -7.76           64-CAM         1745.0         -2.40         1/.16         23.68         21.28         0.134         30.00         -8.72           64-CAM         1745.0         -2.40         1/.104         20.34         1794         0.062         30.00         -7.73           64-CAM         1745.0         -2.40         1/.11         24.67         22.27         0.169         30.00         -7.72           172.5         -2.40         1/.11         24.66         22.25         0.168         30.00         -7.75           1767.5         -2.40         1/.11         24.64         22.44         0.168         30.00         -7.75           1765.0         -2.40         1/.11         24.70         22.30         0.170         30.00         -7.75           16-OAM         1745.0         -2.40 <td< th=""><th></th><th>112 01 011</th><th>1770.0</th><th>-2.40</th><th>1/1</th><th>24.51</th><th>22.11</th><th>0.163</th><th>30.00</th><th>-7.89</th></td<>		112 01 011	1770.0	-2.40	1/1	24.51	22.11	0.163	30.00	-7.89
20 MHz         QPSK         1745 0 1770 0         -2.40 -2.40         1/1         24.64 -24.60         22.10 -2.40         0.167 -2.40         0.00 -7.90         -7.90 -3.00           16-QAM         1770 0         -2.40         1/10         22.40         0.162         30.00         -7.90           64-QAM         1745 0         -2.40         1/11         22.24         19.84         0.096         30.00         -10.16           256-QAM         1722 5         -2.40         1/11         22.47         19.84         0.006         -7.73           1722 5         -2.40         1/11         24.68         22.24         0.169         30.00         -7.73           1767 5         -2.40         1/11         24.68         22.30         0.170         30.00         -7.75           1767 5         -2.40         1/11         24.65         22.30         0.170         30.00         -7.70           16-OAM         1725 5         -2.40         1/11         24.70         22.30         0.170         30.00         -7.70           16-OAM         1725 5         -2.40         1/11         23.73         21.33         0.138         30.00         -7.84           1765 0         -2.40 <th></th> <td></td> <td>1720.0</td> <td>-2.40</td> <td>1/1</td> <td>24.63</td> <td>22.23</td> <td>0.167</td> <td>30.00</td> <td>-7.77</td>			1720.0	-2.40	1/1	24.63	22.23	0.167	30.00	-7.77
Solution         1770.0         -2:40         1/1         24:50         22:10         0.162         30.00         -7:90           16-OAM         1720.0         -2:40         1/150         23:68         21:28         0.134         30.00         -8:72           64-QAM         1745.0         -2:40         1/11         22:24         10.161         30.00         -7:70           772.80         1745.0         -2:40         1/11         24:64         22:27         0.169         30.00         -7.73           772.80         1745.0         -2:40         1/11         24:64         22:23         0.170         30.00         -7.76           777.0         1767.5         -2:40         1/11         24:64         22:30         0.170         30.00         -7.76           777.0         776.7         1745.0         -2:40         1/1         24:33         0.133         30.00         -7.70           16-0AM         1722.5         -2:40         1/11         22:30         0.170         30.00         -7.70           18-0AM         1725.0         -2:40         1/11         22:01         0.161         30.00         -7.84           1725.0         -2:40         1/	20 MHz	QPSK	1745.0	-2.40	1/1	24.64	22.24	0.167	30.00	-7.76
16-QAM         1720.0         -2.40         1/150         23.86         21.28         0.134         30.00         -8.72           256-QAM         1720.0         -2.40         1/104         20.34         19.84         0.066         30.00         -10.16           256-QAM         1720.0         -2.40         1/113         24.67         22.27         0.169         30.00         -7.73           172.2 BPSK         1767.5         -2.40         1/11         24.68         22.23         0.169         30.00         -7.76           1767.5         -2.40         1/11         24.64         22.24         0.168         30.00         -7.70           176.0         7.240         1/11         24.65         22.25         0.168         30.00         -7.70           16-0AM         172.5         -2.40         1/11         22.73         0.170         30.00         -7.70           16-0AM         172.5         -2.40         1/11         22.73         0.170         30.00         -7.70           16-0AM         172.5         -2.40         1/130         20.13         17.73         0.059         30.00         -1.71           175.0         -2.40         1/160         <			1770.0	-2.40	1/1	24.50	22.10	0.162	30.00	-7.90
30 MHz         68-QAM         1745.0         -2.40         1 /1         22.24         19.84         0.096         30.00         -10.16           256-QAM         1722.5         -2.40         1 /131         24.67         22.27         0.169         30.00         -7.73           172.5         -2.40         1 /11         24.67         22.27         0.169         30.00         -7.72           1757.5         -2.40         1 /1         24.67         22.24         0.168         30.00         -7.72           1767.5         -2.40         1 /11         24.65         22.25         0.188         30.00         -7.70           176.0         -2.40         1 /11         24.70         22.30         0.170         30.00         -7.70           16-QAM         172.5         -2.40         1 /1         22.73         0.188         30.00         -7.78           1745.0         -2.40         1 /158         24.47         22.07         0.161         30.00         -7.84           172.5         -2.40         1 /158         24.47         22.07         0.161         30.00         -7.84           1745.0         -2.40         1 /160         24.56         22.16 <t< th=""><th></th><th>16-QAM</th><th>1720.0</th><th>-2.40</th><th>1 / 50</th><th>23.68</th><th>21.28</th><th>0.134</th><th>30.00</th><th>-8.72</th></t<>		16-QAM	1720.0	-2.40	1 / 50	23.68	21.28	0.134	30.00	-8.72
25 MHz         1720.0         -2.40         17.104         20.34         17.94         0.062         30.00         -7.73           77.2 BPSK         1745.0         -2.40         1/1         24.88         22.28         0.169         30.00         -7.72           1767.5         -2.40         1/1         24.88         22.24         0.168         30.00         -7.72           0PSK         1745.0         -2.40         1/1         24.70         22.30         0.170         30.00         -7.76           16-0AM         1722.5         -2.40         1/1         24.70         22.30         0.170         30.00         -7.76           16-0AM         1725.5         -2.40         1/1         24.73         21.33         0.136         30.00         -8.67           16-0AM         1725.5         -2.40         1/11         24.73         22.30         0.170         30.00         -12.27           16-0AM         1725.5         -2.40         1/16         24.56         22.16         0.164         30.00         -7.84           1725.0         -2.40         1/160         24.56         22.16         0.164         30.00         -7.84           1725.0         -2.		64-QAM	1745.0	-2.40	1/1	22.24	19.84	0.096	30.00	-10.16
35 MHz         1728 PSK         1745.0         -2.40         1/1         24.67         22.27         0.169         30.00         -7.72           1767.5         -2.40         1/1         24.68         22.28         0.169         30.00         -7.72           1767.5         -2.40         1/11         24.64         22.24         0.168         30.00         -7.72           1772.5         -2.40         1/11         24.65         22.25         0.168         30.00         -7.76           176.0         -2.40         1/1         24.65         22.25         0.168         30.00         -7.76           16-0AM         1745.0         -2.40         1/1         22.30         0.170         30.00         -7.76           16-0AM         1745.0         -2.40         1/11         23.73         21.33         0.008         30.00         -7.83           1725.0         -2.40         1/158         24.47         22.06         0.164         30.00         -7.84           1725.0         -2.40         1/160         24.56         22.16         0.164         30.00         -7.84           1725.0         -2.40         1/160         23.73         21.33         0.136 </th <th></th> <th>256-QAM</th> <th>1720.0</th> <th>-2.40</th> <th>1 / 104</th> <th>20.34</th> <th>17.94</th> <th>0.062</th> <th>30.00</th> <th>-12.06</th>		256-QAM	1720.0	-2.40	1 / 104	20.34	17.94	0.062	30.00	-12.06
30 MHz         11/10         12/10         11/1         24/36         22/20         0.108         30.00         -7.76           1725.5         -2/40         1/1         24/64         22/24         0.168         30.00         -7.76           1725.5         -2/40         1/1         24/35         22/30         0.170         30.00         -7.76           16-0AM         1722.5         -2/40         1/1         24/37         23.30         0.170         30.00         -7.70           16-0AM         1722.5         -2/40         1/1         23.73         21.33         0.136         30.00         -8.67           64-0AM         1725.0         -2/40         1/131         20.13         17.73         0.059         30.00         -12.27           128-0AM         1725.0         -2/40         1/158         24/56         22.16         0.164         30.00         -7.84           1725.0         -2/40         1/160         24/56         22.16         0.164         30.00         -7.84           1725.0         -2/40         1/160         24/56         22.16         0.164         30.00         -7.84           1725.0         -2/40         1/160         24/56			1722.5	-2.40	1/131	24.67	22.27	0.169	30.00	-1.13
25 MHz         1722 5         2.40         1/11         24.70         22.30         0.170         30.00         -7.70           QPSK         1745.0         2.40         1/11         24.65         22.25         0.188         30.00         -7.70           16-OAM         1722.5         2.40         1/1         24.70         22.30         0.170         30.00         -7.70           16-OAM         1722.5         2.40         1/1         22.73         0.133         0.136         30.00         -8.67           64-OAM         1722.5         2.40         1/11         22.73         0.059         30.00         -10.11           256-OAM         1722.5         2.40         1/158         24.456         22.16         0.164         30.00         -7.84           1725.0         2.40         1/158         24.456         22.16         0.164         30.00         -7.84           1725.0         2.40         1/80         24.56         22.16         0.164         30.00         -7.84           1725.0         2.40         1/80         24.56         22.16         0.164         30.00         -7.84           1745.0         2.40         1/160         23.73		II/2 DFOR	1743.0	-2.40	1/1	24.00	22.20	0.168	30.00	-7.76
25 MHz         OPSK         1745.0         -2.40         1/1         24.65         22.25         0.168         30.00         -7.75           16-QAM         1722.5         -2.40         1/1         24.70         22.30         0.170         30.00         -7.75           16-QAM         1722.5         -2.40         1/1         23.73         21.33         0.138         30.00         -8.67           64-OAM         1725.0         -2.40         1/11         22.22         19.89         0.097         30.00         -10.11           256-QAM         1725.0         -2.40         1/158         24.56         22.16         0.164         30.00         -7.84           1725.0         -2.40         1/180         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/180         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/160         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/16         23.73         21.33         0.138         30.00         -7.84           1725.0         -2.40         1/1			1722.5	-2.40	1 / 131	24.70	22.30	0.170	30.00	-7.70
30 MHz         1767.5         -2.40         1/1         24.70         22.30         0.170         30.00         -7.70           16-QAM         1722.5         -2.40         1/1         23.73         21.33         0.136         30.00         -8.67           84-QAM         1722.5         -2.40         1/11         22.29         19.89         0.097         30.00         -10.11           256-QAM         1725.0         -2.40         1/158         24.56         22.16         0.164         30.00         -7.84           172.50         -2.40         1/158         24.56         22.16         0.165         30.00         -7.84           1765.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/16         23.73         21.33         0.136         30.00         -7.84           1765.0         -2.40         1/16         22.05         0.160         30.00         -7.74           1765.0         -2.40         1/11         24.45         22.26         0.168	25 MHz	QPSK	1745.0	-2.40	1/1	24.65	22.25	0.168	30.00	-7.75
16-QAM         1722.5         -2.40         1/1         23.73         21.33         0.136         30.00         -8.67           64-QAM         1745.0         -2.40         1/11         22.9         19.89         0.097         30.00         -10.11           256-QAM         1722.5         -2.40         1/131         20.13         17.73         0.059         30.00         -7.84           172.5         -2.40         1/158         24.56         22.16         0.164         30.00         -7.84           1725.0         -2.40         1/160         24.56         22.16         0.164         30.00         -7.84           1725.0         -2.40         1/180         24.56         22.16         0.164         30.00         -7.84           QPSK         1745.0         -2.40         1/180         24.56         22.16         0.164         30.00         -7.84           16-QAM         1745.0         -2.40         1/180         24.56         22.16         0.160         30.00         -7.95           16-QAM         1725.0         -2.40         1/180         22.26         19.86         0.097         30.00         -17.12           172.5         -2.40			1767.5	-2.40	1/1	24.70	22.30	0.170	30.00	-7.70
64-QAM         1745.0         -2.40         1/11         22.29         19.89         0.097         30.00         -10.11           256-QAM         1722.5         -2.40         1/131         20.13         17.73         0.059         30.00         -12.27           1725.0         -2.40         1/158         24.47         22.07         0.161         30.00         -7.84           1725.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           1725.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           0PSK         1745.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/10         24.45         22.05         0.160         30.00         -7.84           1765.0         -2.40         1/180         23.73         21.33         0.164         30.00         -7.84           1765.0         -2.40         1/11         24.52         22.12         0.163         30.00         -7.72           172.5         -2.40         1/11         24.52         22.26         0.168<		16-QAM	1722.5	-2.40	1/1	23.73	21.33	0.136	30.00	-8.67
30 MHz         256-QAM         1722 5         -2.40         1/131         20.13         17.73         0.059         30.00         -1227           mr2 BPSK         1725.0         -2.40         1/158         24.56         22.16         0.164         30.00         -7.83           mr2 BPSK         1765.0         -2.40         1/158         24.47         22.07         0.161         30.00         -7.83           QPSK         1765.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           QPSK         1745.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           16-QAM         1745.0         -2.40         1/80         23.73         21.33         0.136         30.00         -7.85           16-QAM         1725.0         -2.40         1/158         22.26         19.86         0.097         30.00         -10.14           256-QAM         1765.0         -2.40         1/11         24.52         22.12         0.168         30.00         -7.76           162-QAM         1765.0         -2.40         1/11         24.66         22.26         0.168         30.00		64-QAM	1745.0	-2.40	1/1	22.29	19.89	0.097	30.00	-10.11
30 MHz         1725.0         -2.40         1/158         24.56         22.16         0.164         30.00         -7.84           30 MHz         0.95K         1745.0         -2.40         1/158         24.47         22.07         0.161         30.00         -7.84           0.95K         1765.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           0.95K         1745.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           16-QAM         1745.0         -2.40         1/1         24.56         22.16         0.160         30.00         -7.84           16-QAM         1725.0         -2.40         1/11         24.55         22.12         0.163         30.00         -7.84           1725.0         -2.40         1/11         24.52         22.12         0.163         30.00         -7.72           172.87         -2.40         1/1         24.52         22.12         0.168         30.00         -7.72           1745.0         -2.40<		256-QAM	1722.5	-2.40	1 / 131	20.13	17.73	0.059	30.00	-12.27
30 MHz         1/15.0         -2.40         1/158         24.47         22.07         0.161         30.00         -7.83           30 MHz         1765.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           QPSK         1725.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           1725.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           175.0         -2.40         1/16         24.45         22.05         0.160         30.00         -7.84           16-QAM         1745.0         -2.40         1/11         24.45         22.05         0.160         30.00         -7.84           26-QAM         1725.0         -2.40         1/11         20.19         17.79         0.060         30.00         -10.14           26-QAM         1725.0         -2.40         1/11         24.66         22.26         0.168         30.00         -7.76           172.9PSK         1745.0         -2.40         1/11         24.66         22.26         0.168         30.00         -7.76           1762.5         -2			1725.0	-2.40	1 / 158	24.56	22.16	0.164	30.00	-7.84
30 MHz         1780.0         -2.40         1780.0         24.56         22.16         0.163         30.00         -7.84           30 MHz         QPSK         1725.0         -2.40         1/80         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/180         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/180         23.73         21.33         0.164         30.00         -7.84           64-QAM         1725.0         -2.40         1/180         23.73         21.33         0.136         30.00         -8.67           256-QAM         1765.0         -2.40         1/11         20.19         17.79         0.060         30.00         -10.14           256-QAM         1765.0         -2.40         1/11         24.52         22.12         0.163         30.00         -7.74           172.5         -2.40         1/11         24.66         22.26         0.168         30.00         -7.72           172.7         -2.40         1/11         24.66         22.24         0.168         30.00         -7.76           172.5         -2.40         1		π/2 BPSK	1745.0	-2.40	1 / 158	24.47	22.07	0.161	30.00	-7.93
30 MHz         QPSK         1723.0         -2.4.0         1780         24.36         22.16         0.164         30.00         -7.84           1745.0         -2.40         1/160         24.56         22.16         0.164         30.00         -7.84           1765.0         -2.40         1/10         24.45         22.05         0.160         30.00         -7.84           16-QAM         1745.0         -2.40         1/180         23.73         21.33         0.136         30.00         -7.84           256-QAM         1765.0         -2.40         1/180         23.73         21.33         0.136         30.00         -7.84           256-QAM         1765.0         -2.40         1/1         24.52         22.12         0.163         30.00         -7.74           172.5         -2.40         1/1         24.52         22.12         0.163         30.00         -7.74           1762.5         -2.40         1/1         24.66         22.26         0.168         30.00         -7.70           35 MHz         QPSK         1745.0         -2.40         1/1         24.66         22.24         0.168         30.00         -7.70           1762.5         -2.40<			1765.0	-2.40	1/80	24.56	22.16	0.165	30.00	-7.84
40 MHz         1130.0	30 MHz	OPSK	1725.0	-2.40	1/80	24.50	22.10	0.164	30.00	-7.84
16-QAM         1745.0         -2.40         1/80         23.73         21.33         0.136         30.00         -8.67           64-QAM         1725.0         -2.40         1/158         22.26         19.86         0.097         30.00         -10.14           256-QAM         1765.0         -2.40         1/1         20.19         17.79         0.060         30.00         -12.21           π/2 BPSK         1727.5         -2.40         1/1         24.52         22.12         0.163         30.00         -7.78           1727.5         -2.40         1/11         24.66         22.26         0.168         30.00         -7.78           172.8 PSK         1745.0         -2.40         1/1         24.68         22.28         0.168         30.00         -7.72           QPSK         1725.5         -2.40         1/1         24.64         22.25         0.168         30.00         -7.76           176.0         -2.40         1/1         24.64         22.25         0.168         30.00         -7.76           176.2.5         -2.40         1/1         23.67         21.27         0.134         30.00         -7.76           176.0         -2.40         1/11			1765.0	-2.40	1/1	24.45	22.05	0,160	30.00	-7.95
64-QAM         1725.0         -2.40         1/158         22.26         19.86         0.097         30.00         -10.14           256-QAM         1765.0         -2.40         1/1         20.19         17.79         0.060         30.00         -12.21           172.5         -2.40         1/1         24.52         22.12         0.163         30.00         -7.78           172.8PSK         1745.0         -2.40         1/10         24.66         22.26         0.168         30.00         -7.78           1762.5         -2.40         1/1         24.62         22.28         0.169         30.00         -7.72           QPSK         1745.0         -2.40         1/1         24.64         22.28         0.168         30.00         -7.76           1762.5         -2.40         1/1         24.64         22.24         0.168         30.00         -7.76           1762.5         -2.40         1/1         24.64         22.24         0.168         30.00         -7.76           16-QAM         172.5         -2.40         1/1         23.67         21.27         0.134         30.00         -8.73           64-QAM         1745.0         -2.40         1/11		16-QAM	1745.0	-2.40	1 / 80	23.73	21.33	0.136	30.00	-8.67
35 MHz         256-QAM         1765.0         -2.40         1/1         20.19         17.79         0.060         30.00         -12.21           M12 BPSK         1727.5         -2.40         1/1         24.52         22.12         0.163         30.00         -7.88           M12 BPSK         1745.0         -2.40         1/10         24.66         22.26         0.168         30.00         -7.74           M172.5         -2.40         1/1         24.66         22.28         0.169         30.00         -7.72           QPSK         1762.5         -2.40         1/1         24.64         22.24         0.168         30.00         -7.70           1725.5         -2.40         1/11         24.64         22.24         0.168         30.00         -7.76           1725.5         -2.40         1/1         24.64         22.24         0.168         30.00         -7.76           16-QAM         1772.5         -2.40         1/1         24.64         22.25         0.168         30.00         -7.76           64-QAM         1745.0         -2.40         1/1         22.33         19.93         0.098         30.00         -11.98           7726         1745.0<		64-QAM	1725.0	-2.40	1 / 158	22.26	19.86	0.097	30.00	-10.14
40 MHz         1727.5         -2.40         1/1         24.52         22.12         0.163         30.00         -7.88           35 MHz         1745.0         -2.40         1/90         24.66         22.26         0.168         30.00         -7.74           1762.5         -2.40         1/1         24.66         22.28         0.169         30.00         -7.72           QPSK         1727.5         -2.40         1/1         24.67         22.30         0.170         30.00         -7.72           1727.5         -2.40         1/11         24.64         22.24         0.168         30.00         -7.76           1762.5         -2.40         1/1         24.64         22.24         0.168         30.00         -7.76           16-QAM         1772.5         -2.40         1/1         24.64         22.25         0.168         30.00         -7.76           364-QAM         1745.0         -2.40         1/1         20.367         21.27         0.134         30.00         -10.07           256-QAM         1762.5         -2.40         1/1         20.33         19.93         0.098         30.00         -11.96           1760.0         -2.40         1/11 <th></th> <th>256-QAM</th> <th>1765.0</th> <th>-2.40</th> <th>1/1</th> <th>20.19</th> <th>17.79</th> <th>0.060</th> <th>30.00</th> <th>-12.21</th>		256-QAM	1765.0	-2.40	1/1	20.19	17.79	0.060	30.00	-12.21
M1/2 BPSK         1745.0         -2.40         1/90         24.66         22.26         0.168         30.00         -7.74           35 MHz         QPSK         1762.5         -2.40         1/1         24.66         22.28         0.169         30.00         -7.72           1727.5         -2.40         1/1         24.64         22.24         0.168         30.00         -7.70           QPSK         1725.5         -2.40         1/1         24.64         22.24         0.168         30.00         -7.70           1762.5         -2.40         1/1         24.65         22.25         0.168         30.00         -7.75           16-QAM         1727.5         -2.40         1/1         23.67         21.27         0.134         30.00         -8.73           64-QAM         1765.5         -2.40         1/1         20.34         18.04         0.064         30.00         -11.07           256-QAM         1765.0         -2.40         1/1         22.03         0.161         30.00         -7.94           1730.0         -2.40         1/108         24.61         22.21         0.166         30.00         -7.92           1728 PSK         1745.0         -2.40			1727.5	-2.40	1/1	24.52	22.12	0.163	30.00	-7.88
40 MHz         1762.5         -2.40         1/1         24.88         22.28         0.169         30.00         -7.72           35 MHz         QPSK         1772.5         -2.40         1/1         24.68         22.28         0.169         30.00         -7.72           172.5         -2.40         1/1         24.64         22.24         0.168         30.00         -7.70           175.5         -2.40         1/1         24.64         22.24         0.168         30.00         -7.75           16-QAM         172.5         -2.40         1/1         24.65         22.25         0.168         30.00         -8.73           64-QAM         1745.0         -2.40         1/1         20.367         21.27         0.134         30.00         -8.73           64-QAM         1762.5         -2.40         1/1         20.33         19.93         0.098         30.00         -11.07           256-QAM         1762.5         -2.40         1/1         20.44         18.04         0.064         30.00         -7.92           1730.0         -2.40         1/108         24.61         22.21         0.166         30.00         -7.92           1760.0         -2.40		π/2 BPSK	1745.0	-2.40	1 / 90	24.66	22.26	0.168	30.00	-7.74
35 MHz         QPSK         1727.5         -2.40         171         24.70         22.30         0.170         30.00         -7.70           1745.0         -2.40         1/1         24.64         22.24         0.168         30.00         -7.76           1765.5         -2.40         1/1         24.65         22.25         0.168         30.00         -7.76           16-QAM         172.5         -2.40         1/1         23.67         21.27         0.134         30.00         -8.73           64-QAM         1745.0         -2.40         1/1         20.367         21.27         0.134         30.00         -8.73           256-QAM         1762.5         -2.40         1/1         20.44         18.04         0.064         30.00         -11.96           256-QAM         1762.5         -2.40         1/1         24.46         22.21         0.166         30.00         -7.79           1730.0         -2.40         1/11         24.46         22.02         0.166         30.00         -7.92           1760.0         -2.40         1/11         24.48         22.08         0.162         30.00         -7.92           1780.0         -2.40         1/214			1/62.5	-2.40	1/1	24.68	22.28	0.169	30.00	-1.12
40 MHz         QPSK         174.0         -2.40         171         24.04         22.24         0.105         30.00         -47.0           1762.5         -2.40         1/1         24.65         22.25         0.168         30.00         -7.75           16-QAM         1772.5         -2.40         1/1         24.65         22.25         0.168         30.00         -7.75           64-QAM         1772.5         -2.40         1/1         23.67         21.27         0.134         30.00         -8.73           64-QAM         1775.5         -2.40         1/1         20.44         18.04         0.064         30.00         -11.07           256-QAM         1762.5         -2.40         1/1         20.44         18.04         0.064         30.00         -11.96           1730.0         -2.40         1/11         24.46         22.06         0.161         30.00         -7.94           1760.0         -2.40         1/11         24.48         22.08         0.162         30.00         -7.92           QPSK         1745.0         -2.40         1/214         24.48         22.09         0.162         30.00         -7.76           1745.0         -2.40	25 MUz	OPSK	1745.0	-2.40	1/1	24.70	22.30	0.170	30.00	-7.70
40 MHz 16-QAM 1727.5 174.0 1727.5 174.0 17	16-Q 64-Q	QI OK	1762.5	-2.40	1/1	24.65	22.24	0.168	30.00	-7.75
40 MHz QPSK 1745.0 -2.40 1/1 22.33 19.93 0.098 30.00 -10.07 256-QAM 1762.5 -2.40 1/1 20.44 18.04 0.064 30.00 -11.96 30.00 -7.79 1745.0 -2.40 1/108 24.61 22.21 0.166 30.00 -7.94 1760.0 -2.40 1/1 24.48 22.08 0.162 30.00 -7.92 1730.0 -2.40 1/214 24.49 22.09 0.162 30.00 -7.92 1730.0 -2.40 1/214 24.58 22.18 0.165 30.00 -7.82 1760.0 -2.40 1/1 24.64 22.24 0.168 30.00 -7.82 1760.0 -2.40 1/1 24.64 22.24 0.168 30.00 -7.82 1760.0 -2.40 1/1 24.64 22.24 0.168 30.00 -7.82 1760.0 -2.40 1/1 24.64 22.24 0.168 30.00 -7.82 1760.0 -2.40 1/1 24.64 22.24 0.168 30.00 -7.82 1760.0 -2.40 1/1 24.64 22.24 0.168 30.00 -7.82 1760.0 -2.40 1/1 24.64 22.24 0.168 30.00 -7.82 1760.0 -2.40 1/1 24.64 22.24 0.168 30.00 -7.82 256-0AM 1700.0 -2.40 1/1 20.23 17.83 0.061 30.00 -12.17 Table 7-31 Antenna 1b FIRP Data (NR Band n66)		16-QAM	1727.5	-2.40	1/1	23.67	21.27	0.134	30.00	-8.73
40 MHz         256-QAM         1762.5         -2.40         1 / 1         20.44         18.04         0.064         30.00         -11.96           40 MHz         1730.0         -2.40         1 / 108         24.61         22.21         0.166         30.00         -7.79           1745.0         -2.40         1 / 108         24.61         22.21         0.166         30.00         -7.94           1760.0         -2.40         1 / 1         24.46         22.06         0.161         30.00         -7.92           1730.0         -2.40         1 / 124         24.49         22.09         0.162         30.00         -7.92           1730.0         -2.40         1 / 214         24.49         22.09         0.162         30.00         -7.92           1730.0         -2.40         1 / 214         24.58         22.18         0.165         30.00         -7.82           1760.0         -2.40         1 / 11         24.64         22.24         0.168         30.00         -7.82           16-QAM         1745.0         -2.40         1 / 108         23.84         21.44         0.139         30.00         -8.56           64-QAM         1730.0         -2.40         1 / 1		64-QAM	1745.0	-2.40	1/1	22.33	19.93	0.098	30.00	-10.07
40 MHz QPSK 1730.0 1745		256-QAM	1762.5	-2.40	1/1	20.44	18.04	0.064	30.00	-11.96
40 MHz μ μ μ μ μ μ μ μ μ μ μ μ μ μ μ μ μ μ			1730.0	-2.40	1 / 108	24.61	22.21	0.166	30.00	-7.79
40 MHz         1760.0         -2.40         1/1         24.48         22.08         0.162         30.00         -7.92           40 MHz         QPSK         1730.0         -2.40         1/214         24.49         22.09         0.162         30.00         -7.91           QPSK         1745.0         -2.40         1/214         24.58         22.18         0.162         30.00         -7.91           16.0         124.0         1/214         24.58         22.18         0.163         30.00         -7.76           16-QAM         1745.0         -2.40         1/108         23.84         21.44         0.139         30.00         -8.56           64-QAM         1730.0         -2.40         1/214         22.15         19.75         0.094         30.00         -10.25           256-QAM         1760.0         -2.40         1/1         20.23         17.83         0.061         30.00         -12.17           Table 7-31         Antenna 1b FIRP Data (NR Band n66)		π/2 BPSK	1745.0	-2.40	1/1	24.46	22.06	0.161	30.00	-7.94
40 MHz         QPSK         1730.0         -2.40         1/214         24.49         22.09         0.162         30.00         -7.91           1745.0         -2.40         1/214         24.58         22.18         0.165         30.00         -7.82           1760.0         -2.40         1/11         24.64         22.24         0.168         30.00         -7.76           16-QAM         1745.0         -2.40         1/10         23.84         21.44         0.139         30.00         -8.56           64-QAM         1730.0         -2.40         1/214         22.15         19.75         0.094         30.00         -10.25           256-QAM         1760.0         -2.40         1/1         20.23         17.83         0.061         30.00         -12.17           Table 7-31 Antenna 1b FIRP Data (NR Band n66)			1760.0	-2.40	1/1	24.48	22.08	0.162	30.00	-7.92
40 типе         QPSK         1/43.0         -2.40         1/214         24.58         22.18         0.165         30.00         -7.82           1760.0         -2.40         1/1         24.64         22.24         0.168         30.00         -7.76           16-QAM         1745.0         -2.40         1/108         23.84         21.44         0.139         30.00         -8.56           64-QAM         1730.0         -2.40         1/214         22.15         19.75         0.094         30.00         -10.25           256-QAM         1760.0         -2.40         1/1         20.23         17.83         0.061         30.00         -12.17	40 141	0.000	1730.0	-2.40	1 / 214	24.49	22.09	0.162	30.00	-7.91
1700.0         -2.40         1/1         24.94         22.24         0.105         30.00         -7.76           16-QAM         1745.0         -2.40         1/108         23.84         21.44         0.139         30.00         -8.56           64-QAM         1730.0         -2.40         1/214         22.15         19.75         0.094         30.00         -10.25           256-QAM         1760.0         -2.40         1/1         20.23         17.83         0.061         30.00         -12.17           Table 7-31         Antenna 1b FIRP Data (NR Band n66)	40 MHZ	QPSK	1/45.0	-2.40	1/214	24.58	22.18	0.165	30.00	-1.82
64-QAM         1730.0         -2.40         1/106         23.64         21.44         0.136         30.00         -0.36           64-QAM         1730.0         -2.40         1/214         22.15         19.75         0.094         30.00         -10.25           256-OAM         1760.0         -2.40         1/1         20.23         17.83         0.061         30.00         -12.17           Table 7-31 Antenna 1b FIRP Data (NR Band n66)		16-0AM	1745.0	-2.40	1/108	23.84	22.24	0.108	30.00	-1.10
256-0AM 1760.0 -2.40 1/1 20.23 17.83 0.061 30.00 -12.17 Table 7-31 Antenna 1b FIRP Data (NR Band n66)		64-QAM	1730.0	-2.40	1/214	22.04	19.75	0.094	30.00	-10.30
Table 7-31 Antenna 1b FIRP Data (NR Band n66)		256-QAM	1760.0	-2.40	1/1	20.23	17.83	0.061	30.00	-12.17
		Table 7	7-31 An	tenna	1b EIRP	Data (N	R Ban	d n66)		

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 200 of 251
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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
		1697.5	-3.10	1 / 12	24.61	21.51	0.142	30.00	-8.49
	π/2 BPSK	1702.5	-3.10	1 / 1	24.59	21.49	0.141	30.00	-8.51
		1707.5	-3.10	1 / 1	24.57	21.47	0.140	30.00	-8.53
		1697.5	-3.10	1 / 1	24.66	21.56	0.143	30.00	-8.44
5 MHz	QPSK	1702.5	-3.10	1 / 23	24.63	21.53	0.142	30.00	<b>-8</b> .47
		1707.5	-3.10	1 / 1	24.64	21.54	0.143	30.00	-8.46
	16-QAM	1702.5	-3.10	1 / 12	23.76	20.66	0.116	30.00	-9.34
	64-QAM	1702.5	-3.10	1 / 12	22.28	19.18	0.083	30.00	-10.82
	256-QAM	1702.5	-3.10	1 / 23	20.03	16.93	0.049	30.00	-13.07
		1700.0	-3.10	1 / 1	24.53	21.43	0.139	30.00	-8.57
	π/2 BPSK	1702.5	-3.10	1 / 25	24.54	21.44	0.139	30.00	-8.56
		1705.0	-3.10	1 / 25	24.54	21.44	0.139	30.00	-8.56
		1700.0	-3.10	1 / 48	24.59	21.49	0.141	30.00	-8.51
10 MHz	QPSK	1702.5	-3.10	1 / 48	24.63	21.53	0.142	30.00	-8.47
		1705.0	-3.10	1 / 25	24.65	21.55	0.143	30.00	-8.45
	16-QAM	1705.0	-3.10	1 / 25	23.72	20.62	0.115	30.00	-9.38
	64-QAM	1705.0	-3.10	1 / 48	22.23	19.13	0.082	30.00	-10.87
	256-QAM	1702.5	-3.10	1 / 48	20.03	16.93	0.049	30.00	-13.07
	π/2 BPSK	1702.5	-3.10	1 / 1	24.70	21.60	0.145	30.00	-8.40
	QPSK	1702.5	-3.10	1 / 1	24.70	21.60	0.145	30.00	- <mark>8</mark> .40
15 MHz	16-QAM	1702.5	-3.10	1 / 37	23.67	20.57	0.114	30.00	-9.43
	64-QAM	1702.5	-3.10	1/1	22.34	19.24	0.084	30.00	-10.76
	256-QAM	1702.5	-3.10	1 / 37	20.15	17.05	0.051	30.00	-12.95

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 301 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	1 age 501 01 551
			100 0 00/07/0000



## WCDMA AWS

Frequency [MHz]	Mode	Conducted Power [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	23.70	-2.40	21.30	0.135	30.00	-8.70
1732.60	WCDMA1700	23.68	-2.40	21.28	0.134	30.00	-8.72
1752.60	WCDMA1700	23.67	-2.40	21.27	0.134	30.00	-8.73

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 202 of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 302 01 331
			1/2 2 00/07/2022



#### **Radiated Spurious Emissions** 7.7 §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 > 2 x span / RBW
- 5. Detector = RMS
- 6. Trace mode = Average (Max Hold for pulsed emissions)
- 7. The trace was allowed to stabilize

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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#### Test Setup

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



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



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

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1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 304 01 331
			1/2 2 00/07/2022



#### Test Notes

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

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 305 of 351	
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			1/2 2 00/07/2022	

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# 7.7.1 Antenna 4 – Radiated Spurious Emission Measurement



#### LTE Band 66/4

Plot 7-478. Antenna 4 Radiated Spurious Emission above 1GHz (LTE Band 66/4)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 306 of 351	
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	•		V2.2 09/07/2023	



Bandwidth (MHz): Frequency (MHz): RB / Offset:	2 172 1 /	0 :0.0 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	346	221	-71.00	2.32	38.32	-56.93	-13.00	-43.93
5160.0	V	-	-	-79.53	5.33	32.80	-62.45	-13.00	-49.45
6880.0	V	-	-	-79.51	8.36	35.85	-59.41	-13.00	-46.41
8600.0	V	-	-	-80.00	8.57	35.57	-59.69	-13.00	-46.69

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

Bandwidth (MHz):	20
Frequency (MHz):	1745.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	V	340	222	-73.94	2.37	35.42	-59.84	-13.00	-46.84
5235.0	V	-	-	-79.10	5.31	33.21	-62.05	-13.00	-49.05
6980.0	V	-	-	-79.65	8.23	35.59	-59.67	-13.00	-46.67
8725.0	V	-	-	-80.20	9.33	36.14	-59.12	-13.00	-46.12

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

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.0	V	304	219	-75.34	2.62	34.28	-60.98	-13.00	-47.98
5310.0	V	-	-	-79.30	5.86	33.57	-61.69	-13.00	-48.69
7080.0	V	-	-	-79.75	8.27	35.53	-59.73	-13.00	-46.73
8850.0	V	-	-	-80.79	9. <mark>6</mark> 4	35.85	-59.41	-13.00	-46.41

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

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 307 of 351	
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			100 0 00/07/0000	