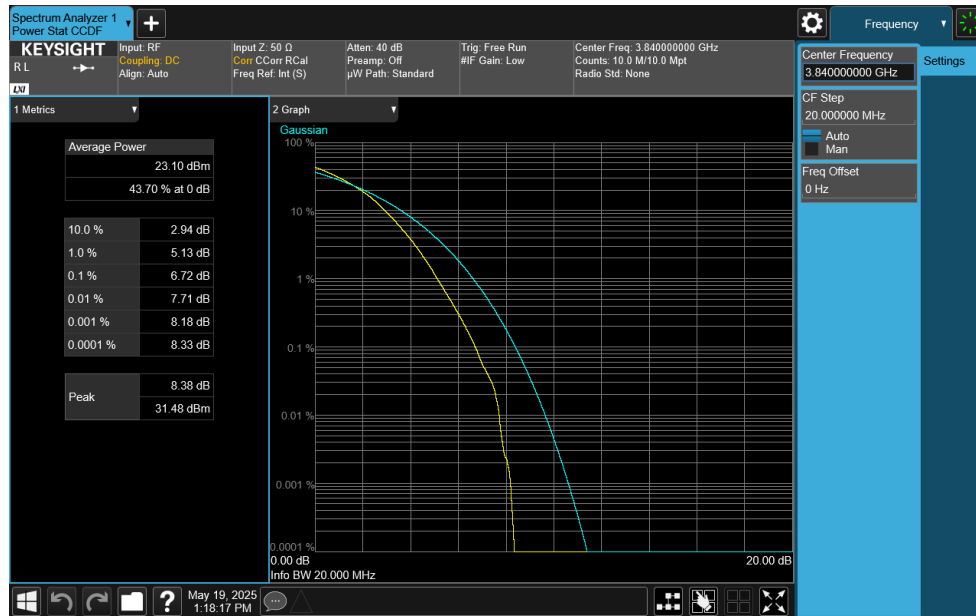
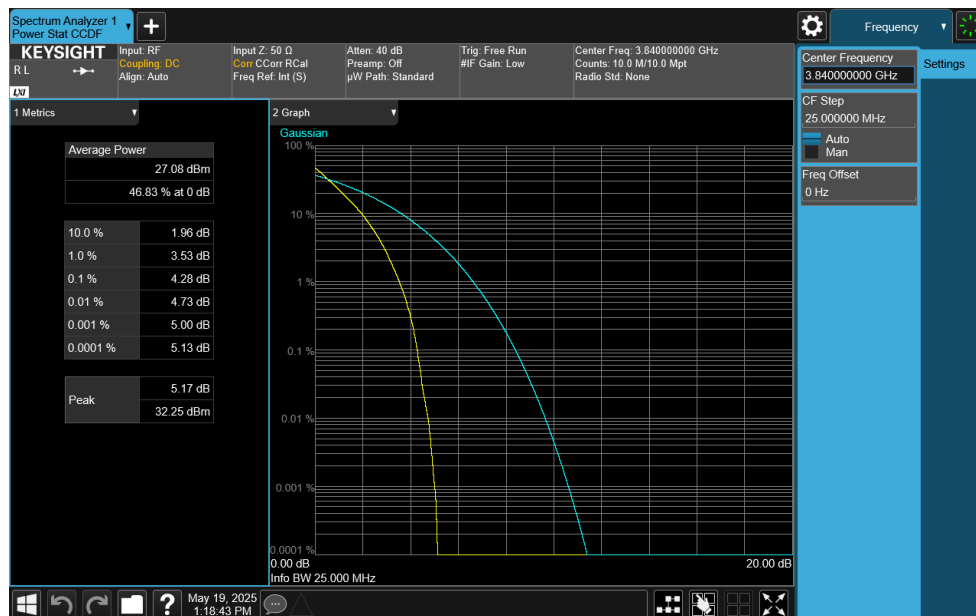




Plot 7-357. PAR Plot (NR Band n77 C-Band - 20MHz DFT-s-OFDM 256-QAM - Full RB)

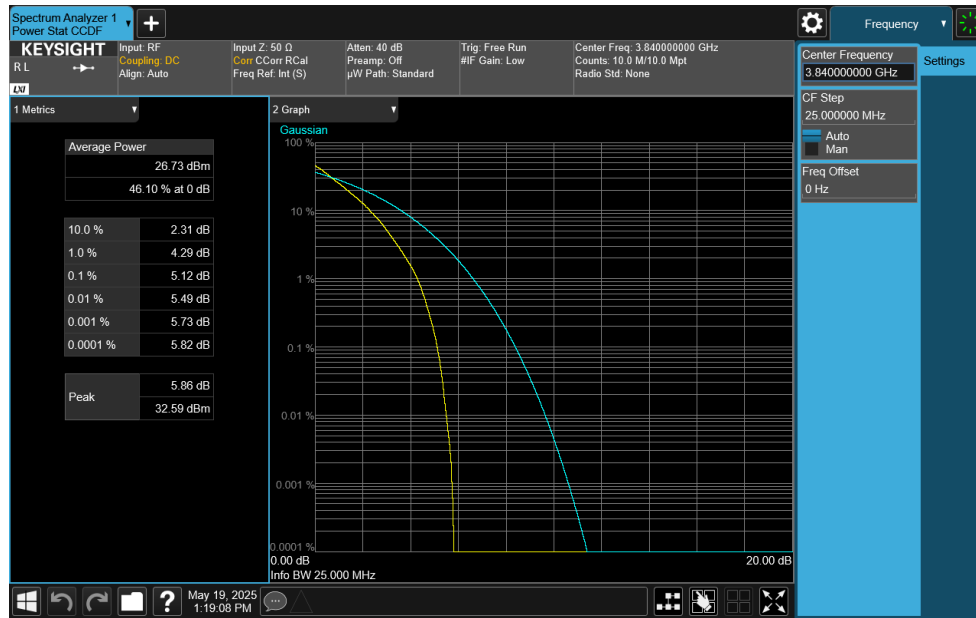


Plot 7-358. PAR Plot (NR Band n77 C-Band - 25MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

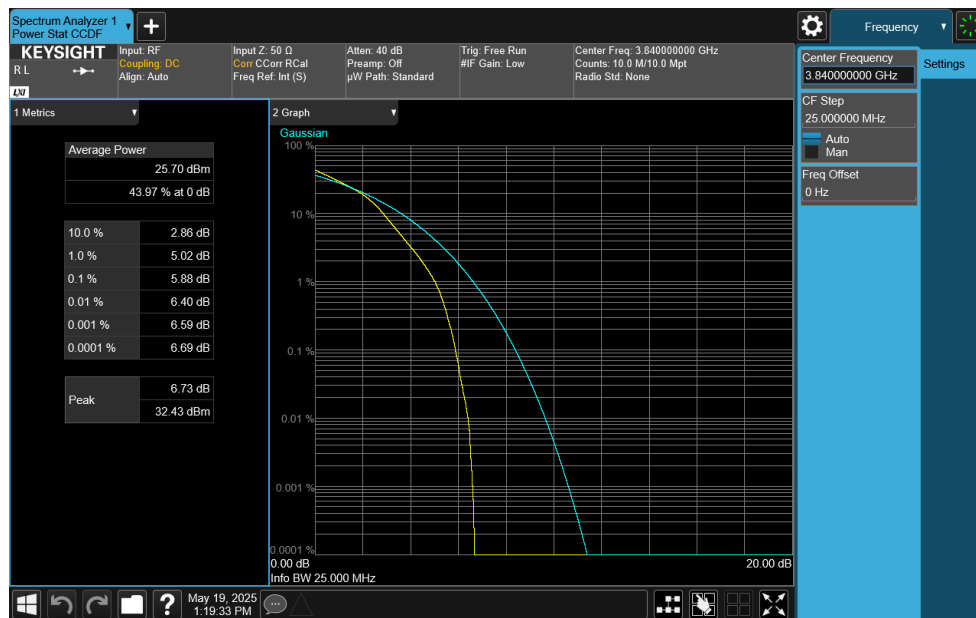
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device
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Plot 7-359. PAR Plot (NR Band n77 C-Band - 25MHz DFT-s-OFDM QPSK - Full RB)

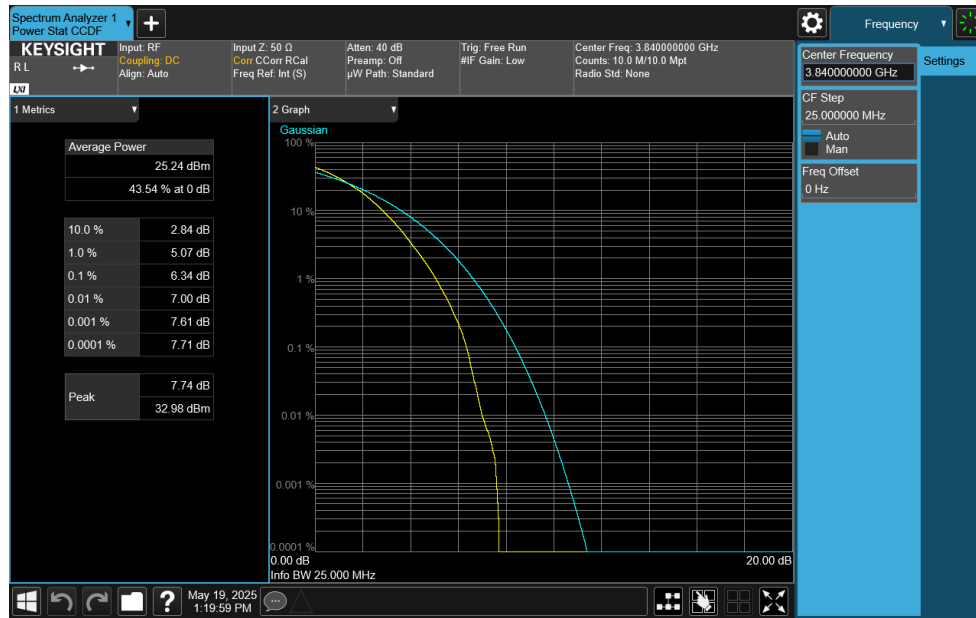


Plot 7-360. PAR Plot (NR Band n77 C-Band - 25MHz DFT-s-OFDM 16-QAM - Full RB)

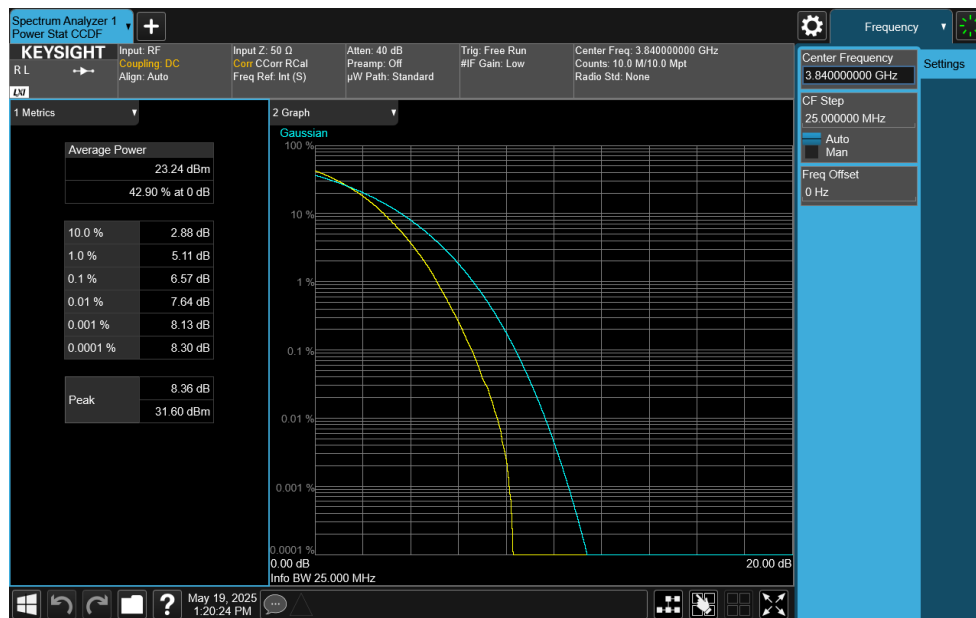
FCC ID: BCGA3358	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device
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Plot 7-361. PAR Plot (NR Band n77 C-Band - 25MHz DFT-s-OFDM 64-QAM - Full RB)

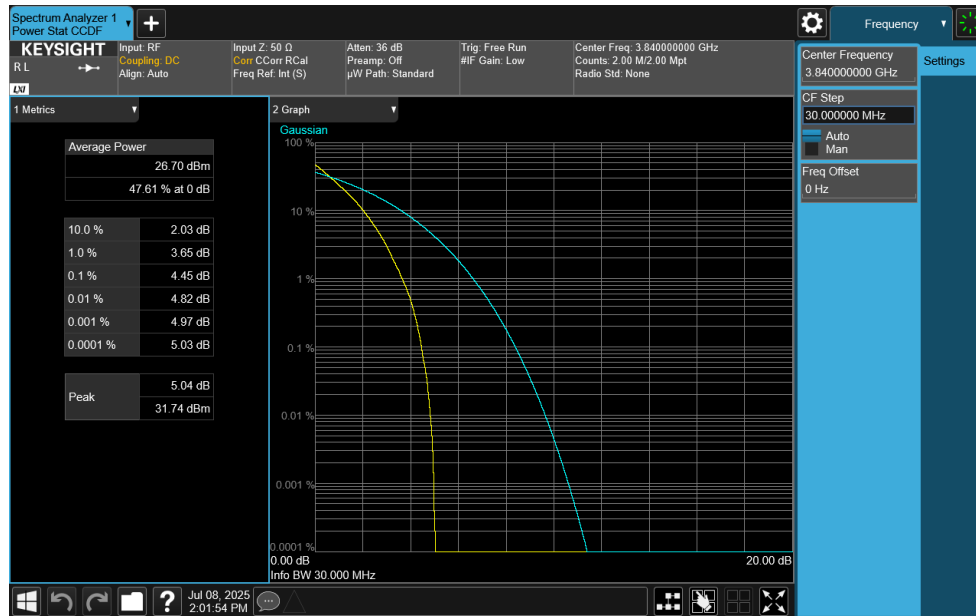


Plot 7-362. PAR Plot (NR Band n77 C-Band - 25MHz DFT-s-OFDM 256-QAM - Full RB)

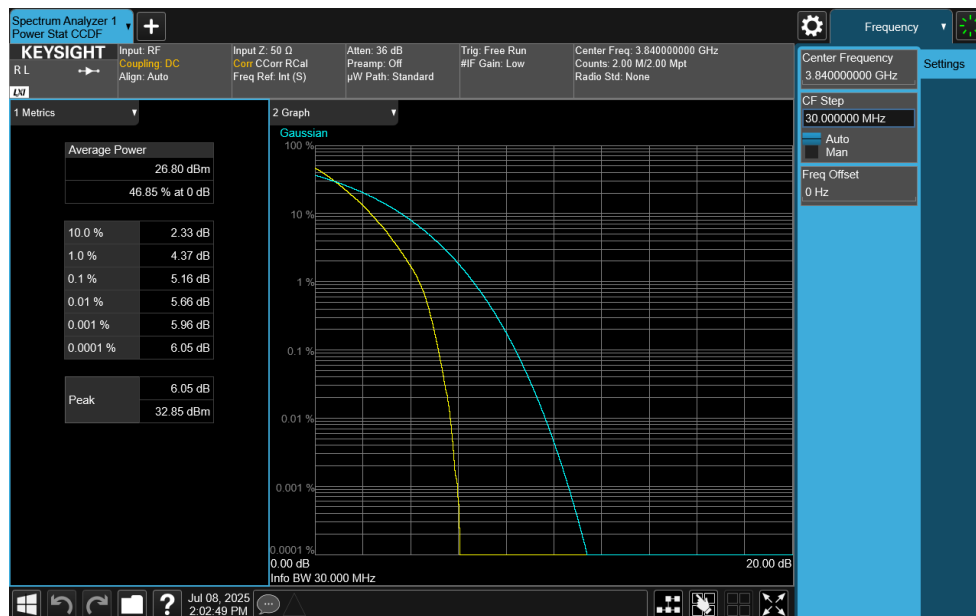
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 203 of 257

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Plot 7-363. PAR Plot (NR Band n77 C-Band - 30MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

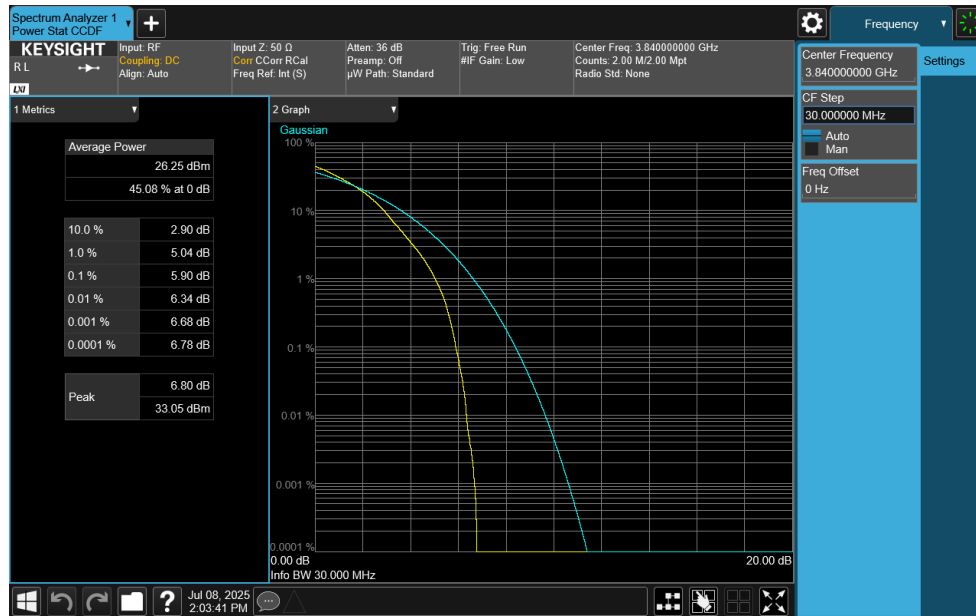


Plot 7-364. PAR Plot (NR Band n77 C-Band - 30MHz DFT-s-OFDM QPSK - Full RB)

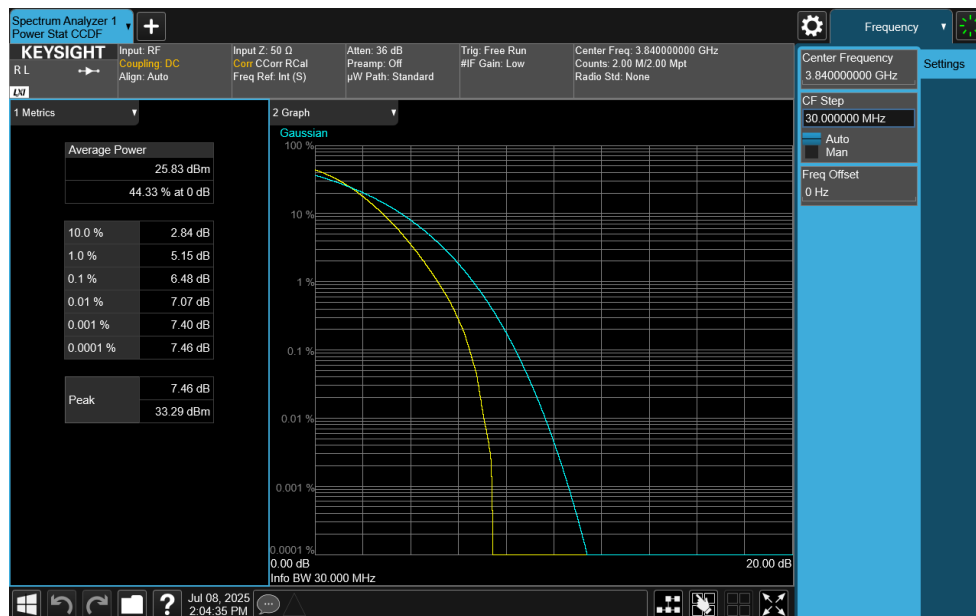
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device
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Plot 7-365. PAR Plot (NR Band n77 C-Band - 30MHz DFT-s-OFDM 16-QAM - Full RB)

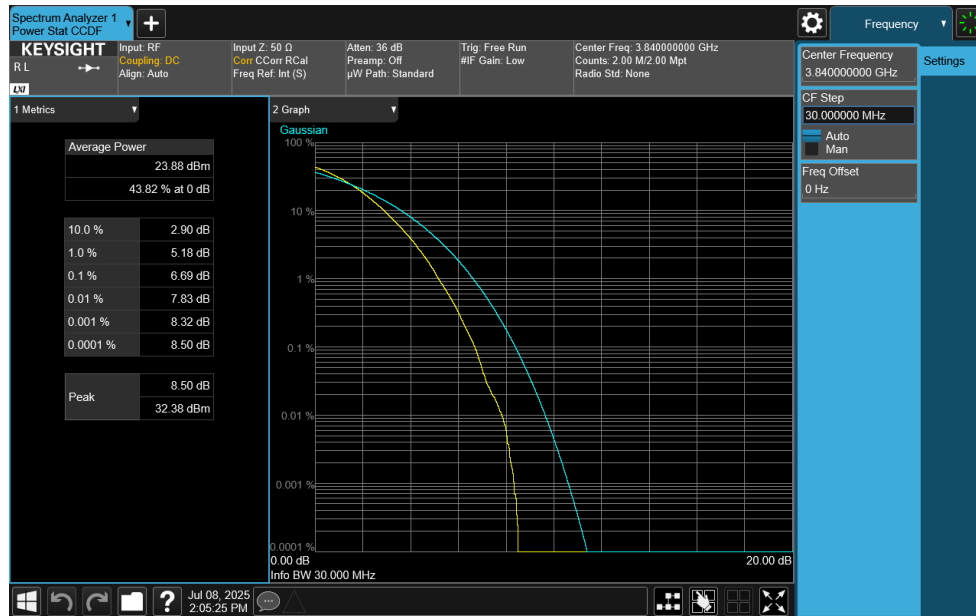


Plot 7-366. PAR Plot (NR Band n77 C-Band - 30MHz DFT-s-OFDM 64-QAM - Full RB)

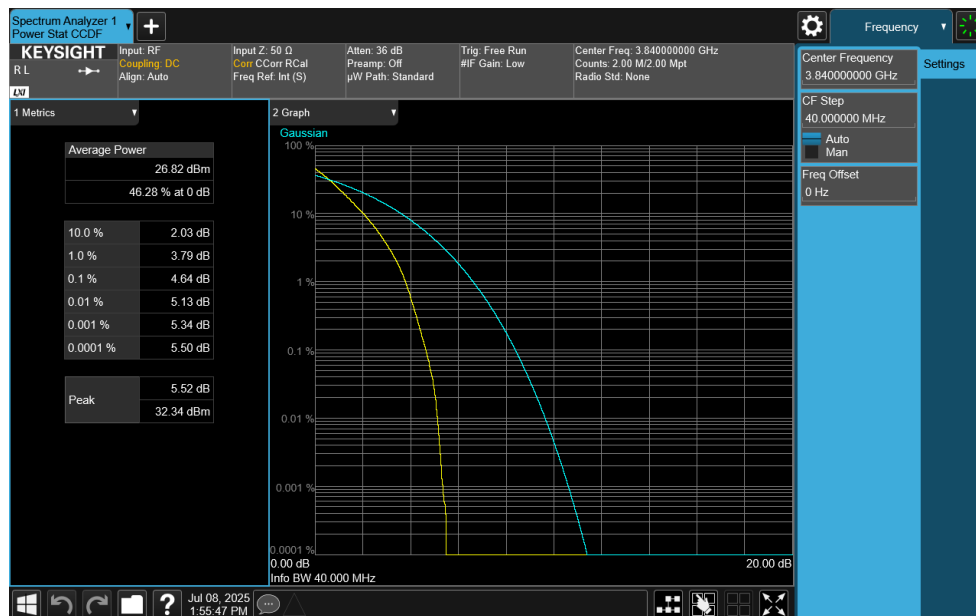
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 205 of 257

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Plot 7-367. PAR Plot (NR Band n77 C-Band - 30MHz DFT-s-OFDM 256-QAM - Full RB)

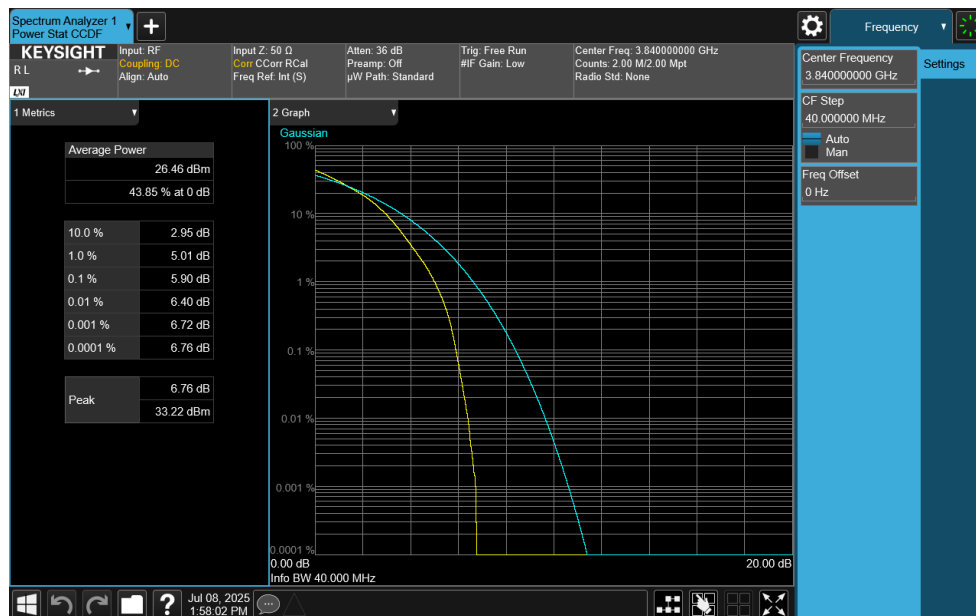
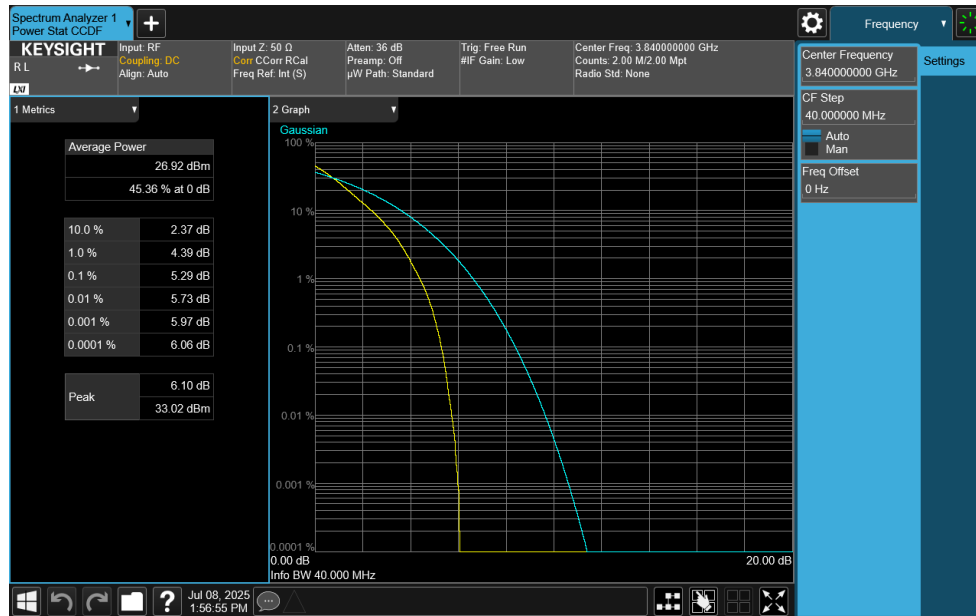


Plot 7-368. PAR Plot (NR Band n77 C-Band - 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 206 of 257

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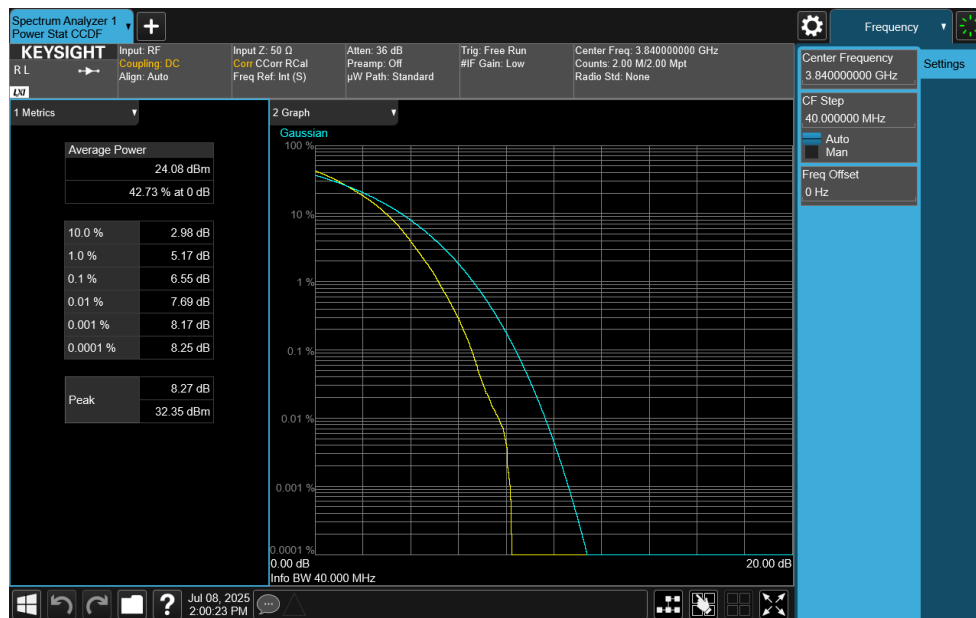
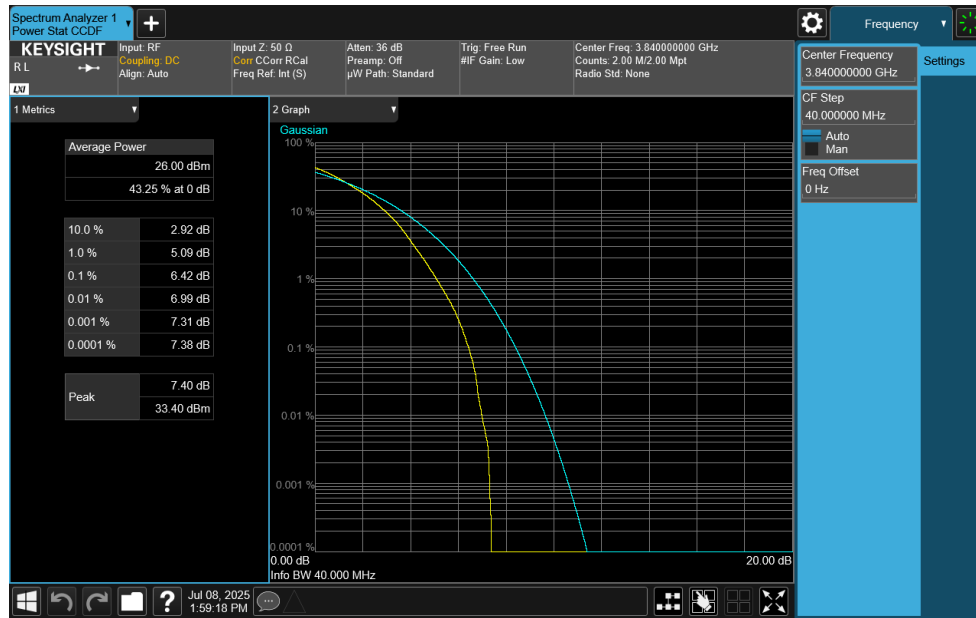
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FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 207 of 257

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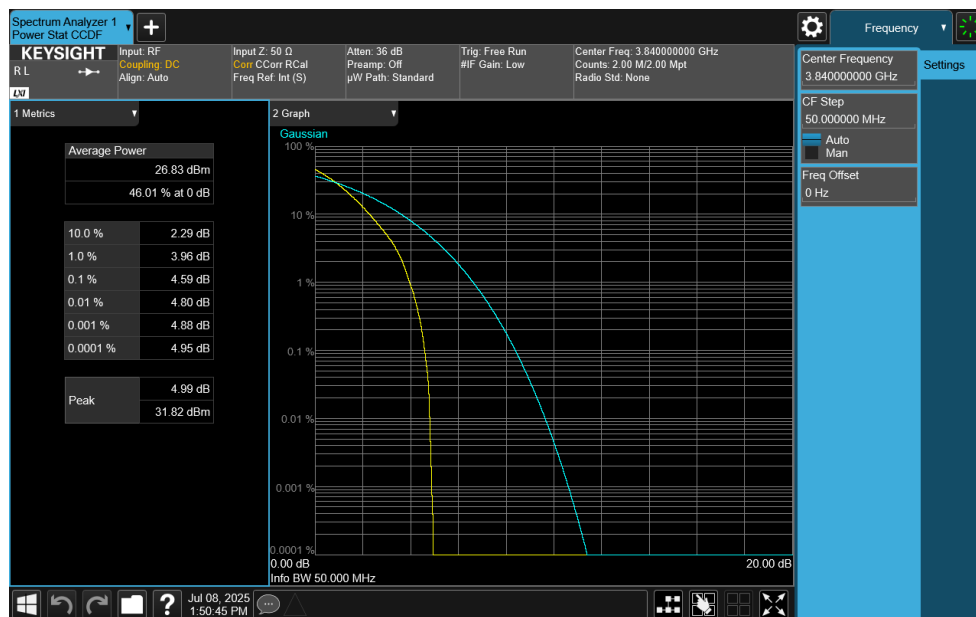
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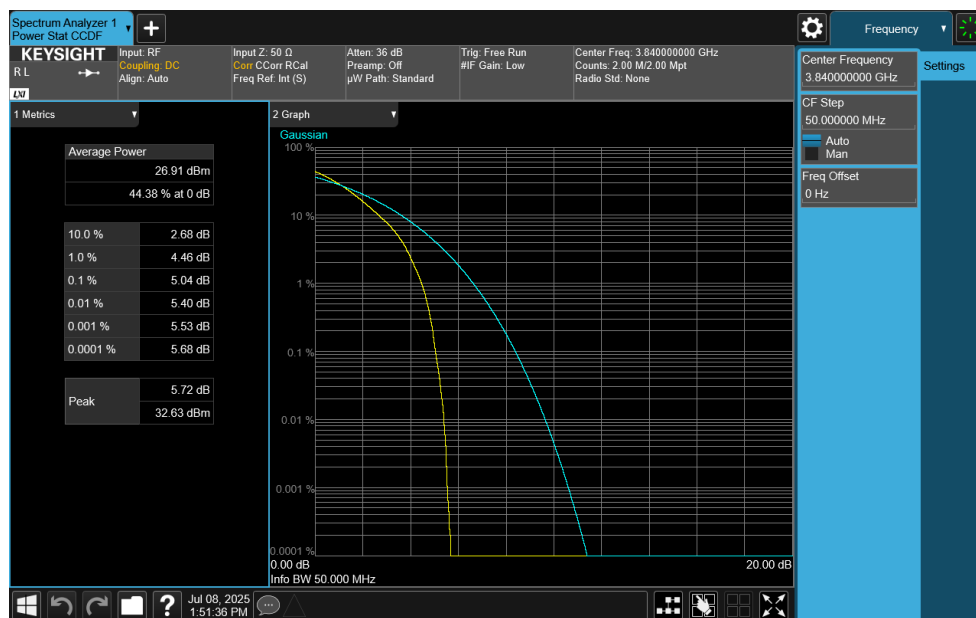
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 208 of 257

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Plot 7-373. PAR Plot (NR Band n77 C-Band - 50MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

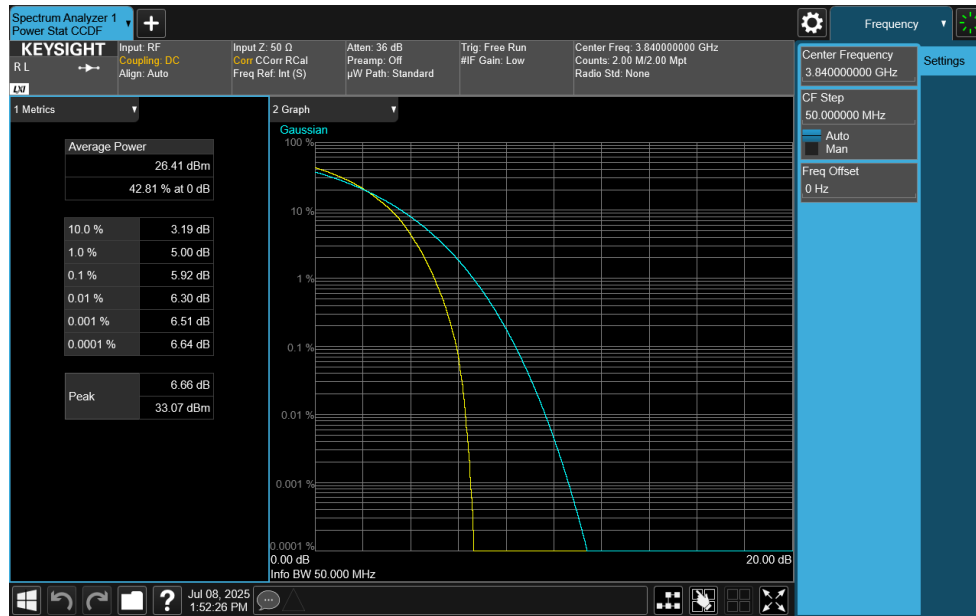


Plot 7-374. PAR Plot (NR Band n77 C-Band - 50MHz DFT-s-OFDM QPSK - Full RB)

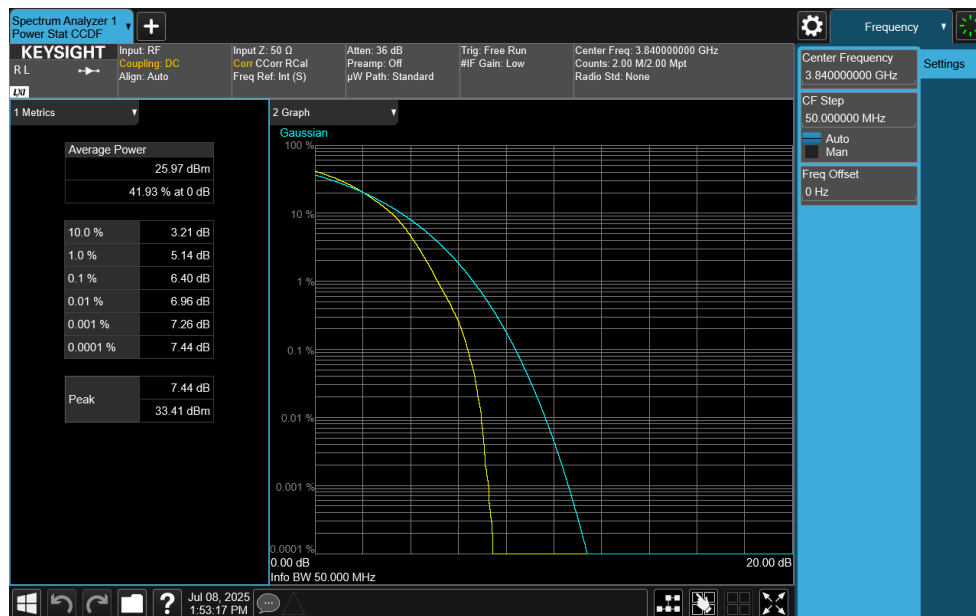
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 209 of 257

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Plot 7-375. PAR Plot (NR Band n77 C-Band - 50MHz DFT-s-OFDM 16-QAM - Full RB)

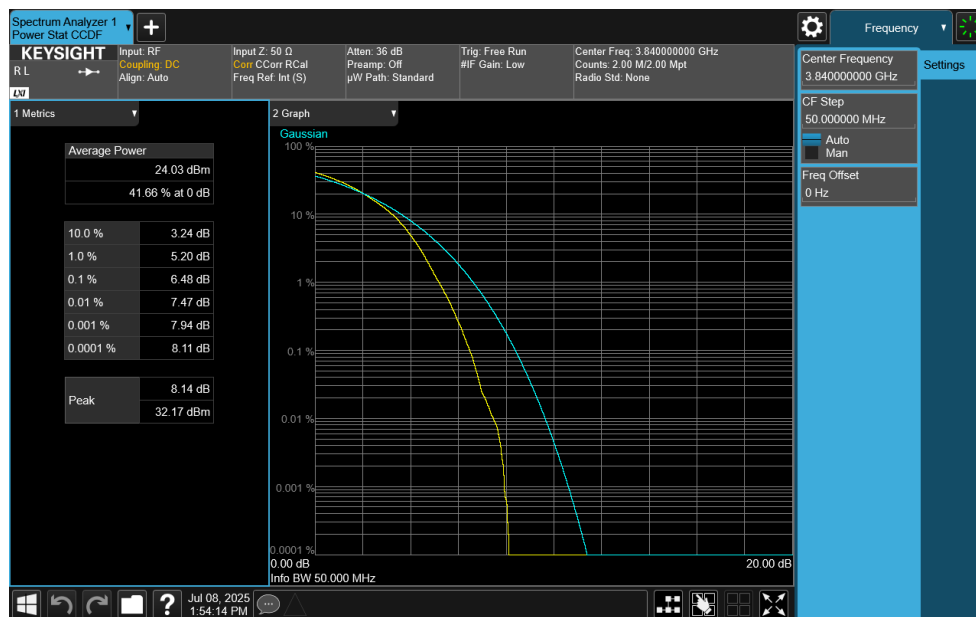


Plot 7-376. PAR Plot (NR Band n77 C-Band - 50MHz DFT-s-OFDM 64-QAM - Full RB)

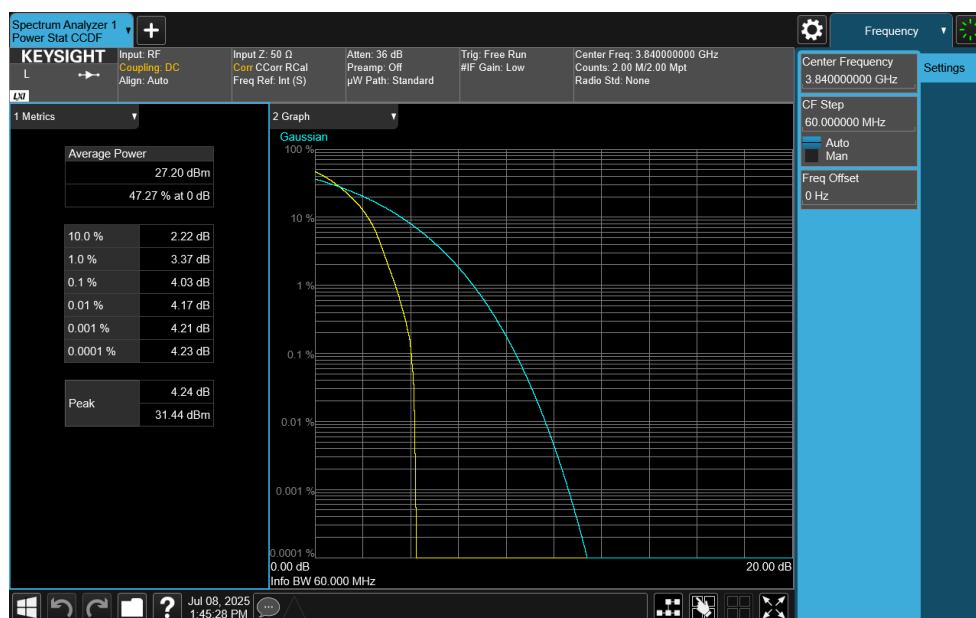
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 210 of 257

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Plot 7-377. PAR Plot (NR Band n77 C-Band - 50MHz DFT-s-OFDM 256-QAM - Full RB)

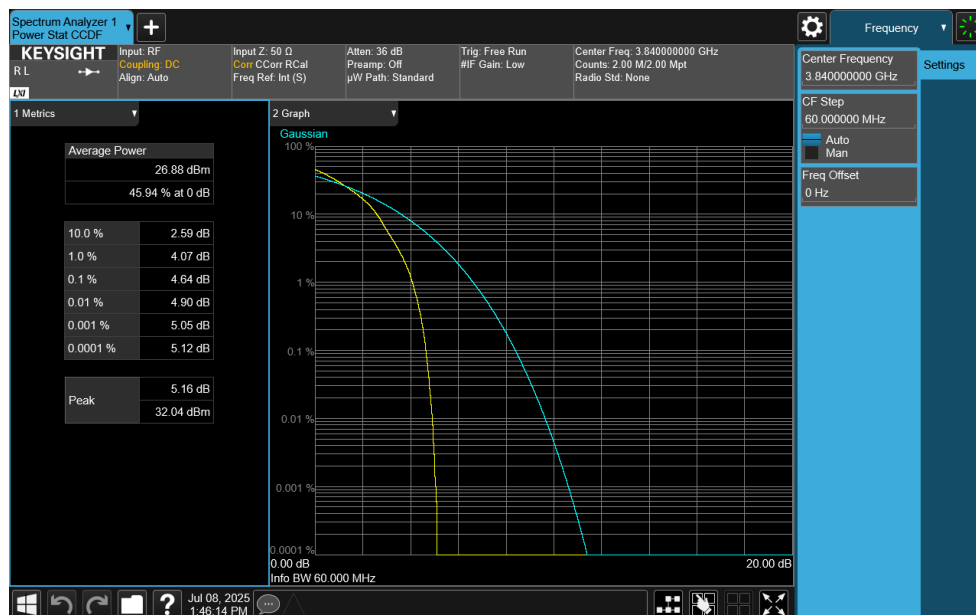


Plot 7-378. PAR Plot (NR Band n77 C-Band - 60MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

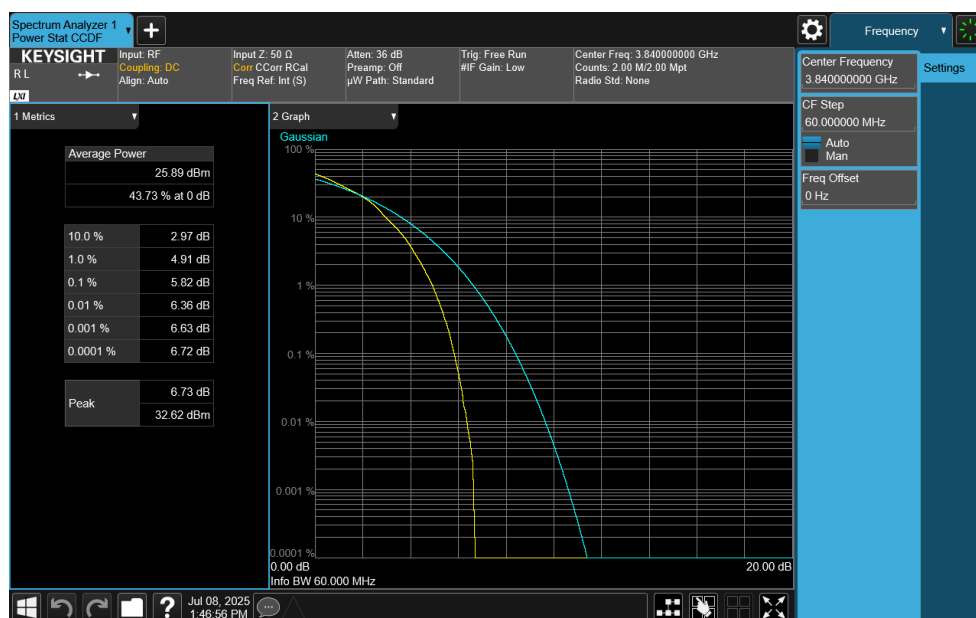
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device
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Plot 7-379. PAR Plot (NR Band n77 C-Band - 60MHz DFT-s-OFDM QPSK - Full RB)

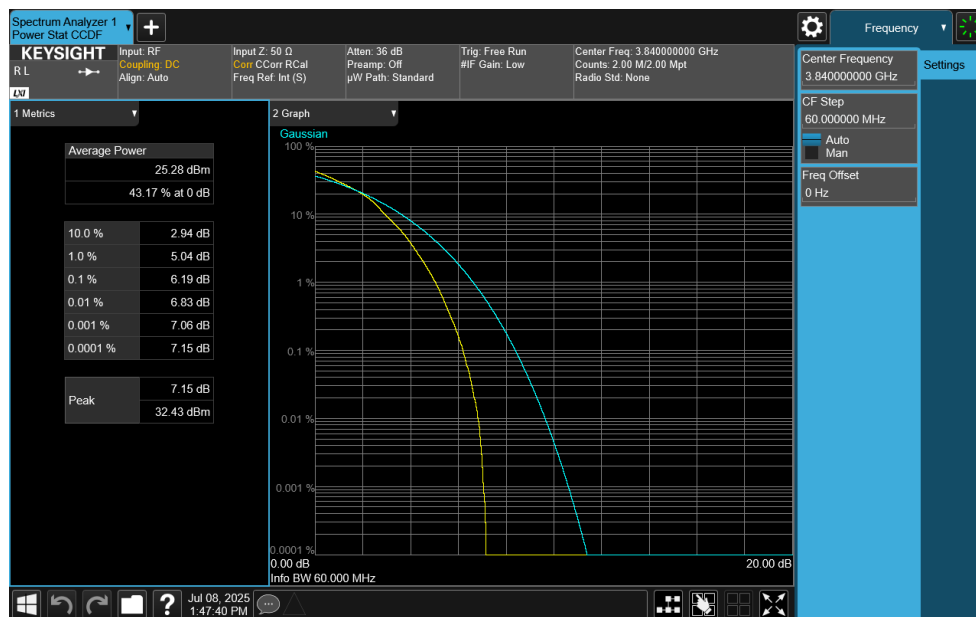


Plot 7-380. PAR Plot (NR Band n77 C-Band - 60MHz DFT-s-OFDM 16-QAM - Full RB)

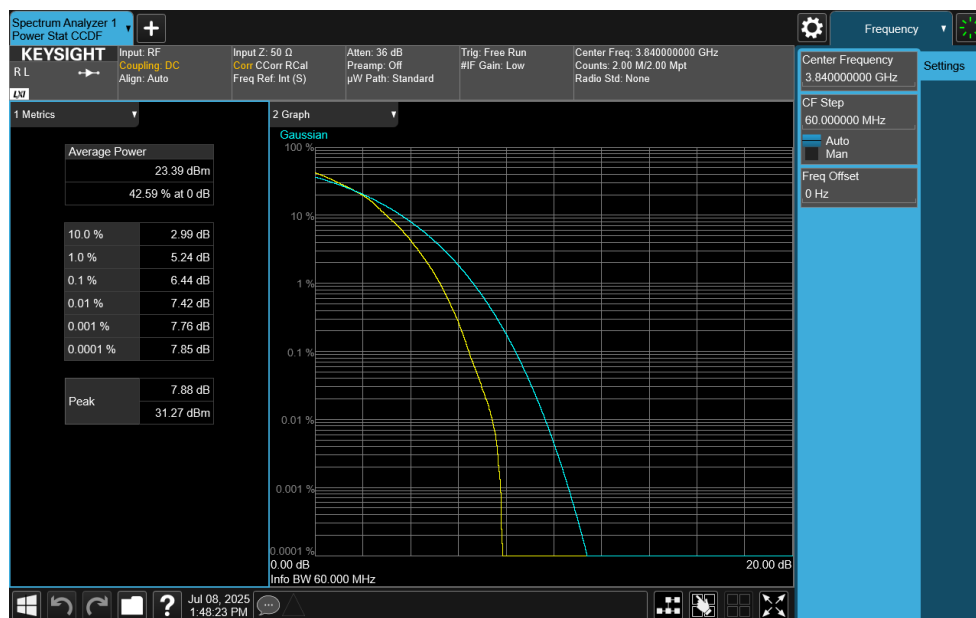
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 212 of 257

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Plot 7-381. PAR Plot (NR Band n77 C-Band - 60MHz DFT-s-OFDM 64-QAM - Full RB)

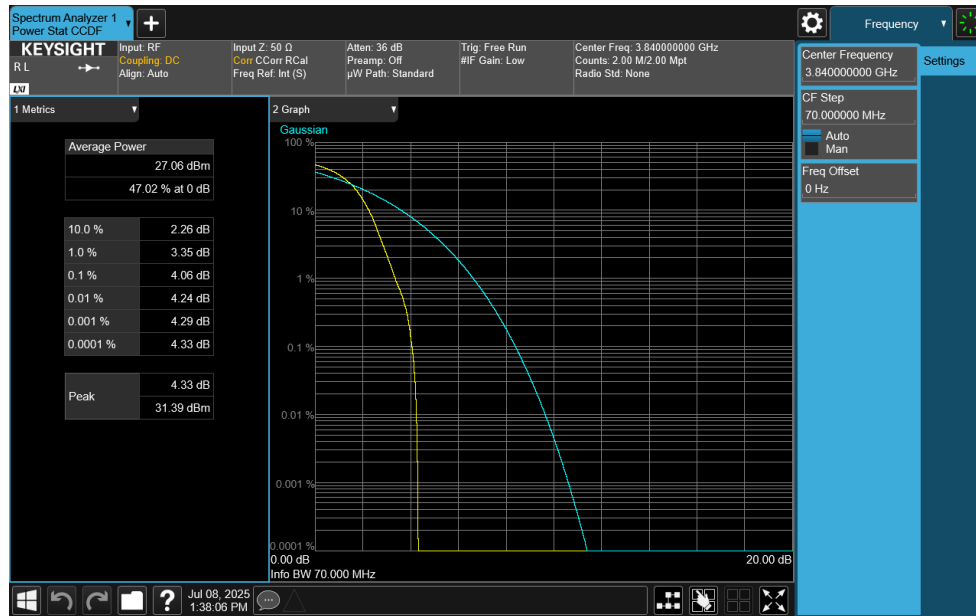


Plot 7-382. PAR Plot (NR Band n77 C-Band - 60MHz DFT-s-OFDM 256-QAM - Full RB)

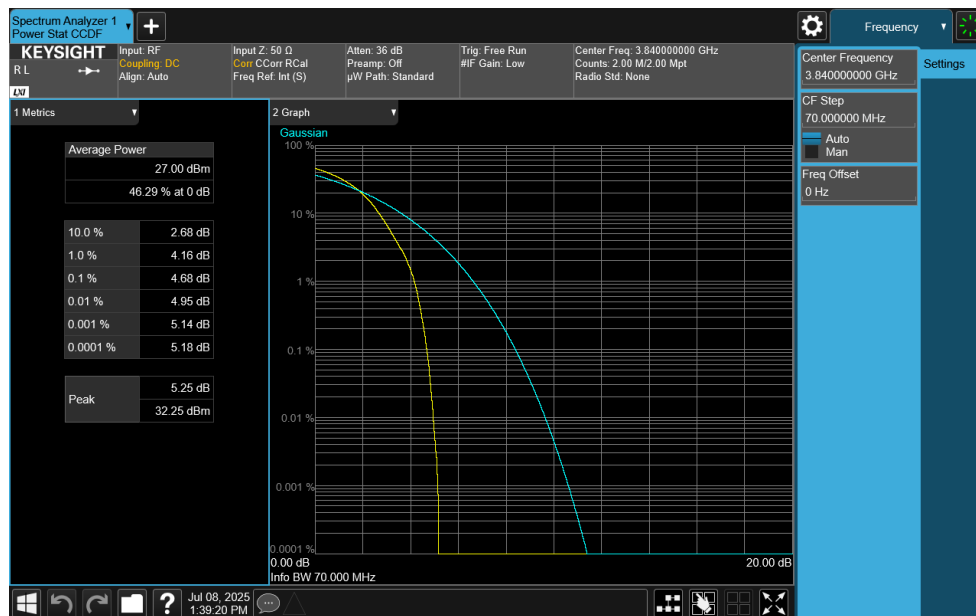
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 213 of 257

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Plot 7-383. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

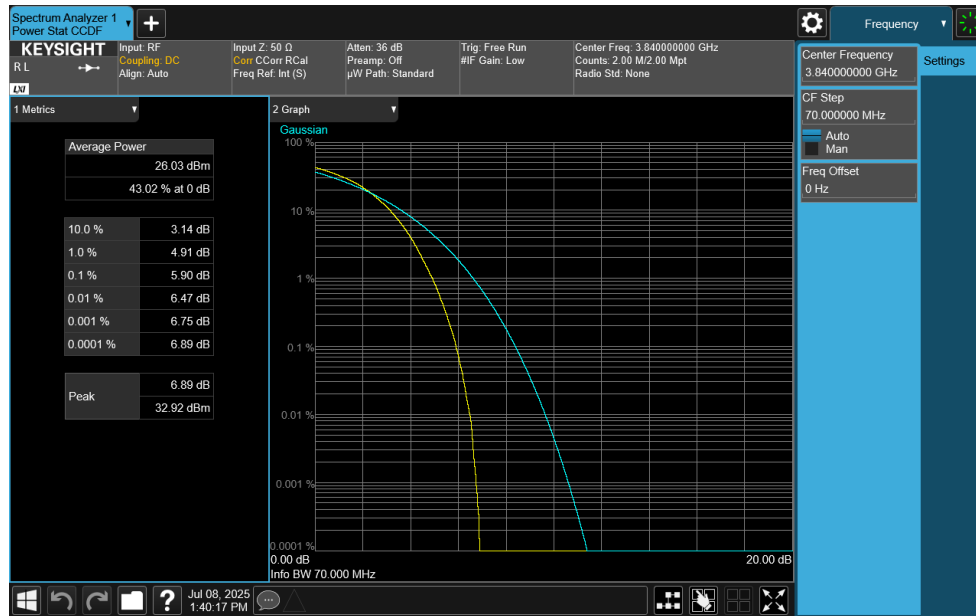


Plot 7-384. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM QPSK - Full RB)

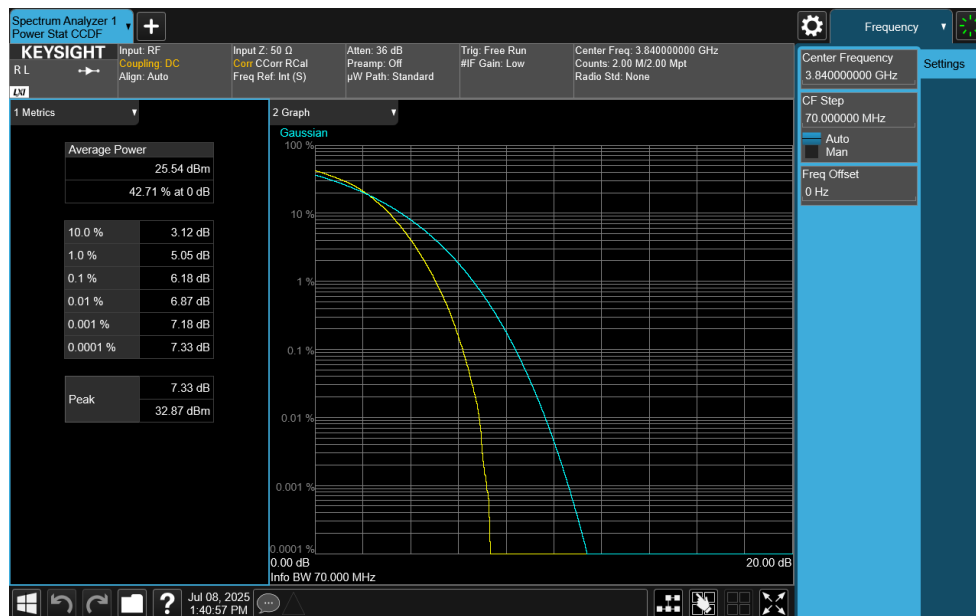
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 214 of 257

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Plot 7-385. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM 16-QAM - Full RB)

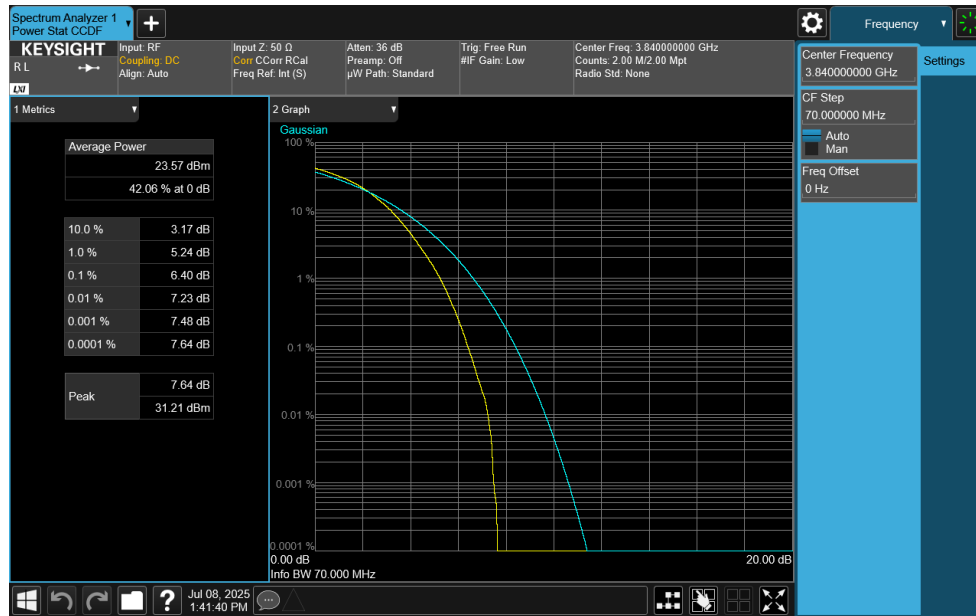


Plot 7-386. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM 64-QAM - Full RB)

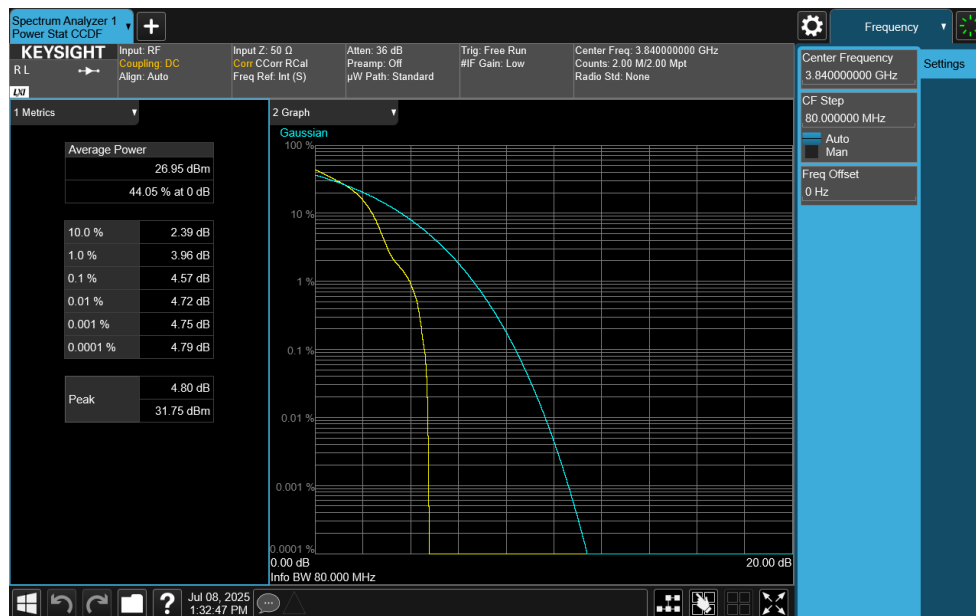
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 215 of 257

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Plot 7-387. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM 256-QAM - Full RB)

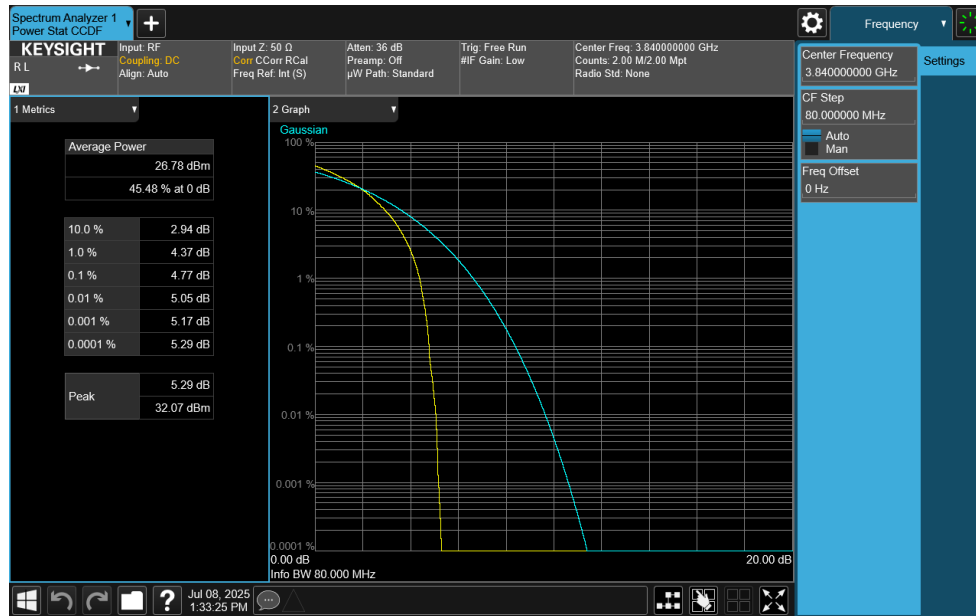


Plot 7-388. PAR Plot (NR Band n77 C-Band - 80MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

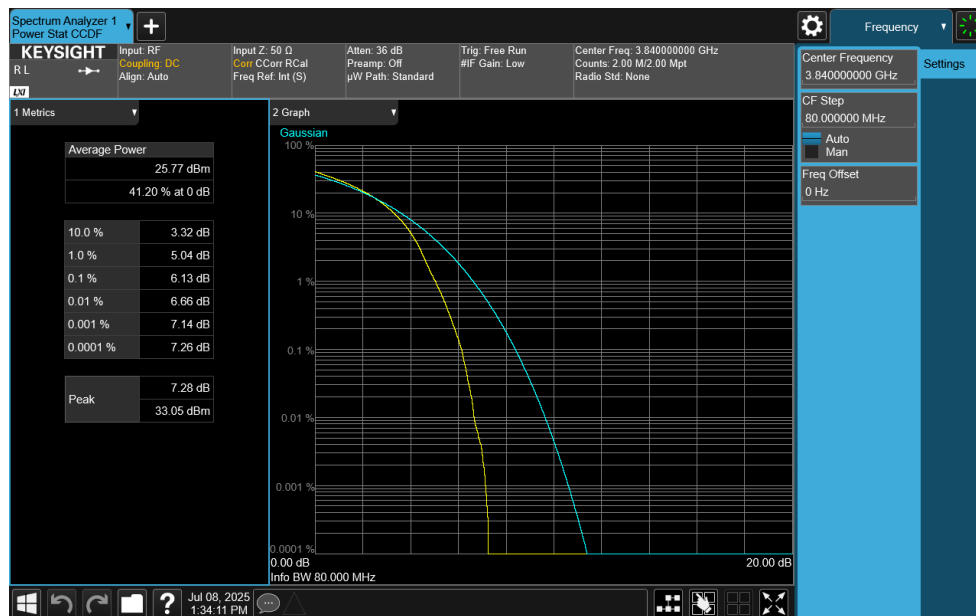
FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device
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Plot 7-389. PAR Plot (NR Band n77 C-Band - 80MHz DFT-s-OFDM QPSK - Full RB)

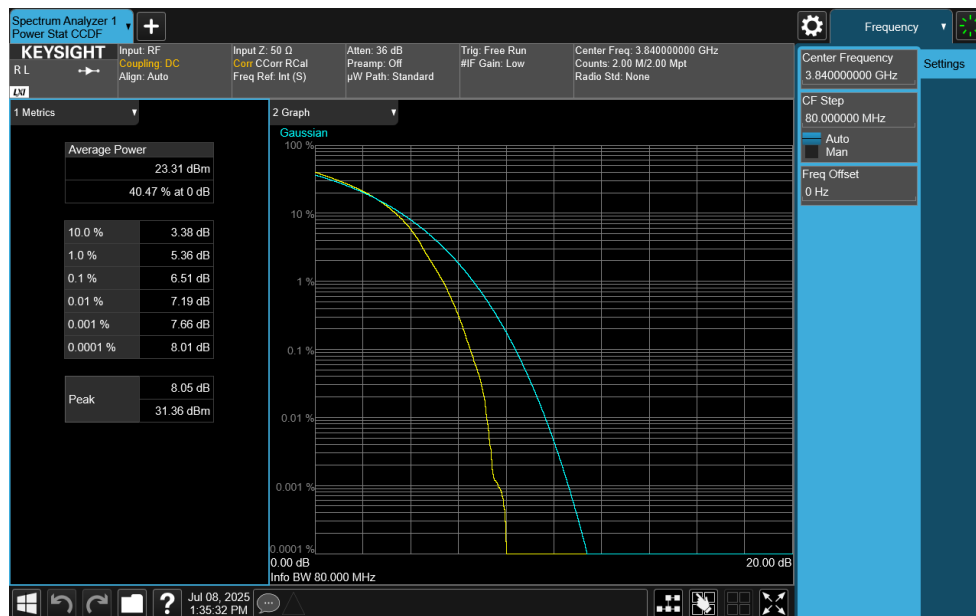
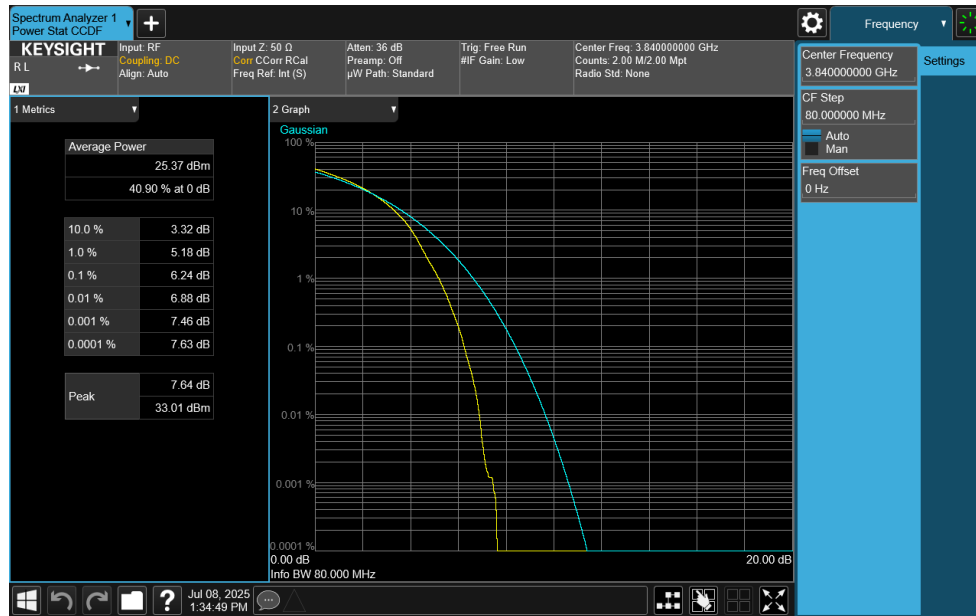


Plot 7-390. PAR Plot (NR Band n77 C-Band - 80MHz DFT-s-OFDM 16-QAM - Full RB)

FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 217 of 257

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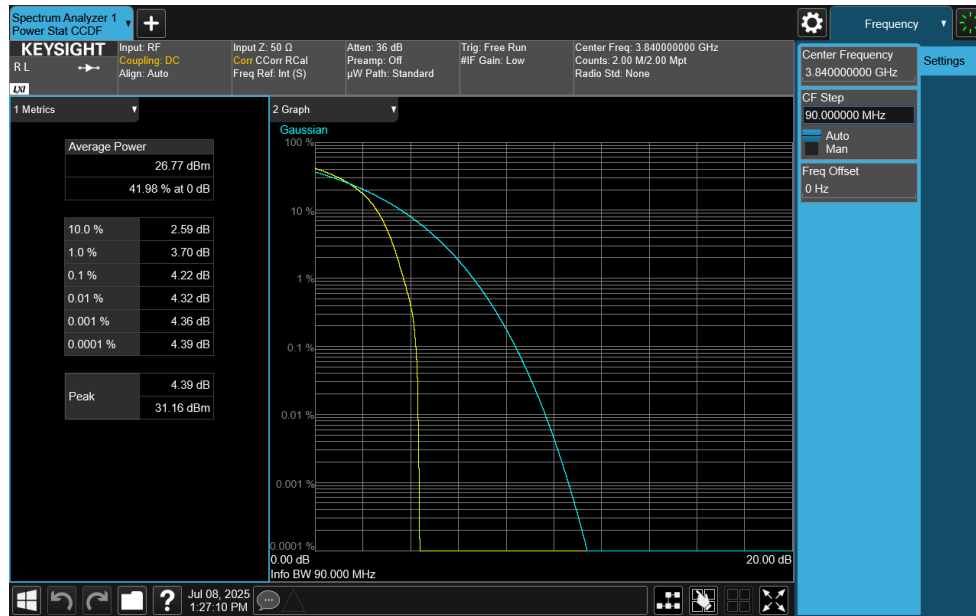
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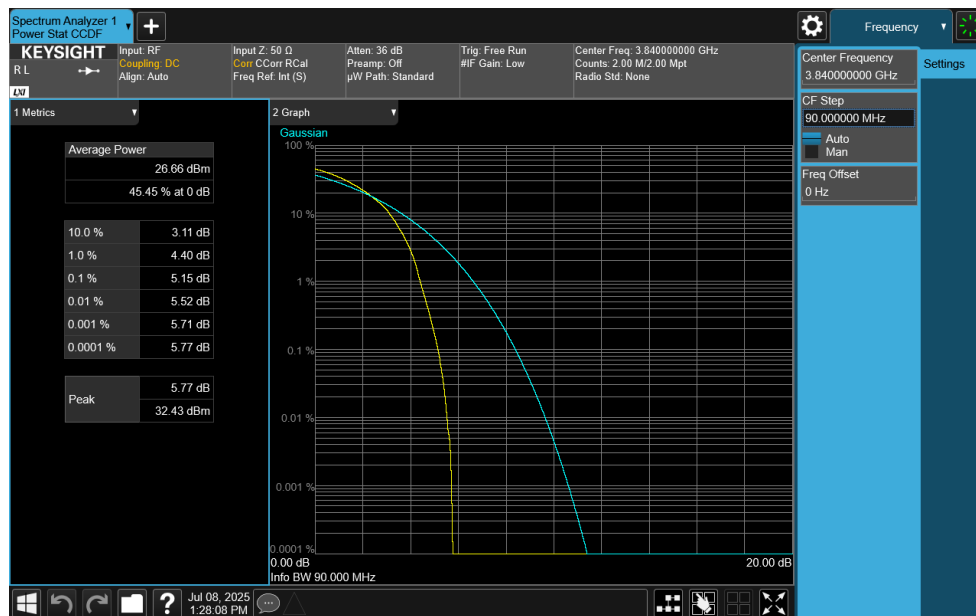
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 218 of 257

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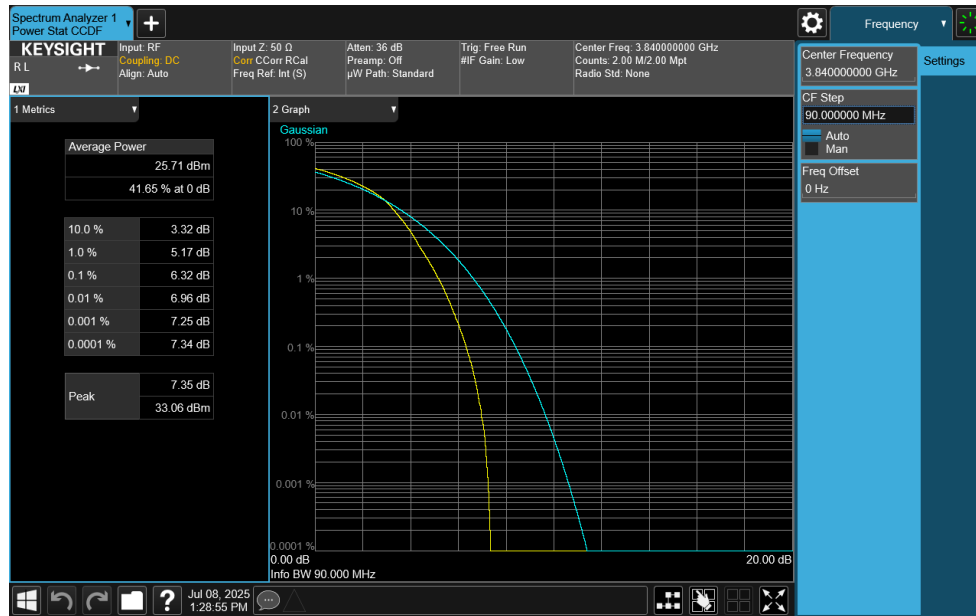
Plot 7-393. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)



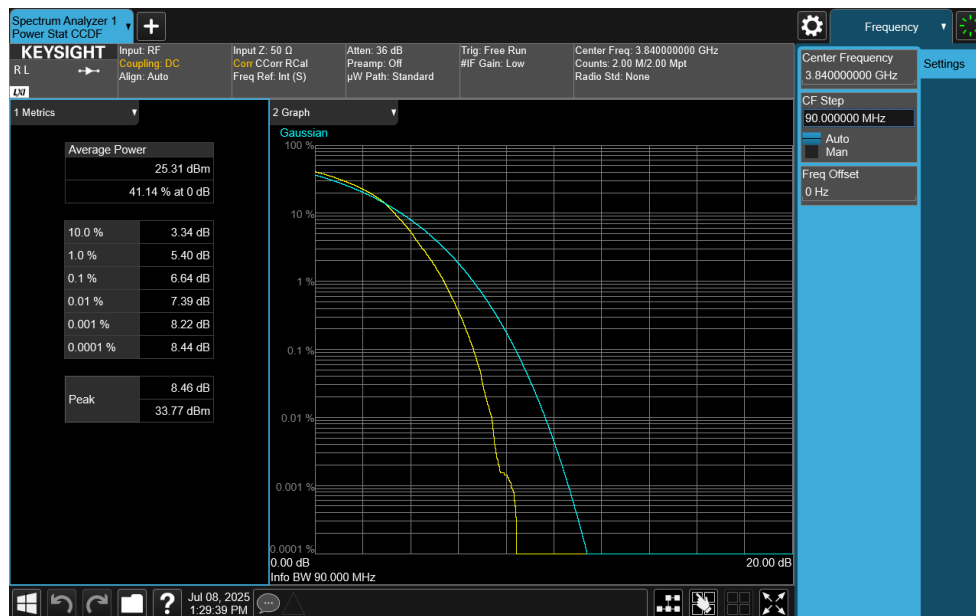
Plot 7-394. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM QPSK - Full RB)

FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 219 of 257

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Plot 7-395. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM 16-QAM - Full RB)

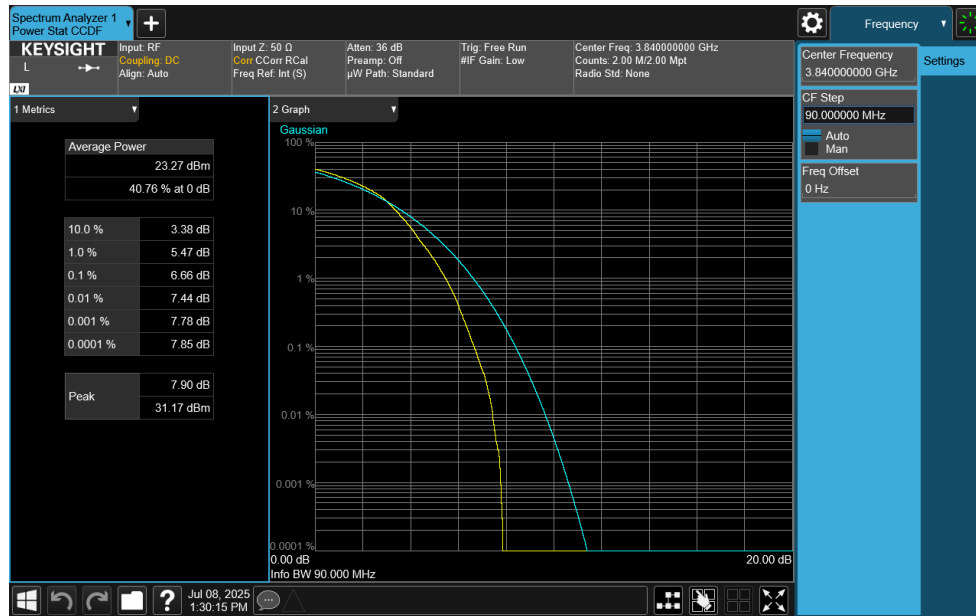


Plot 7-396. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM 64-QAM - Full RB)

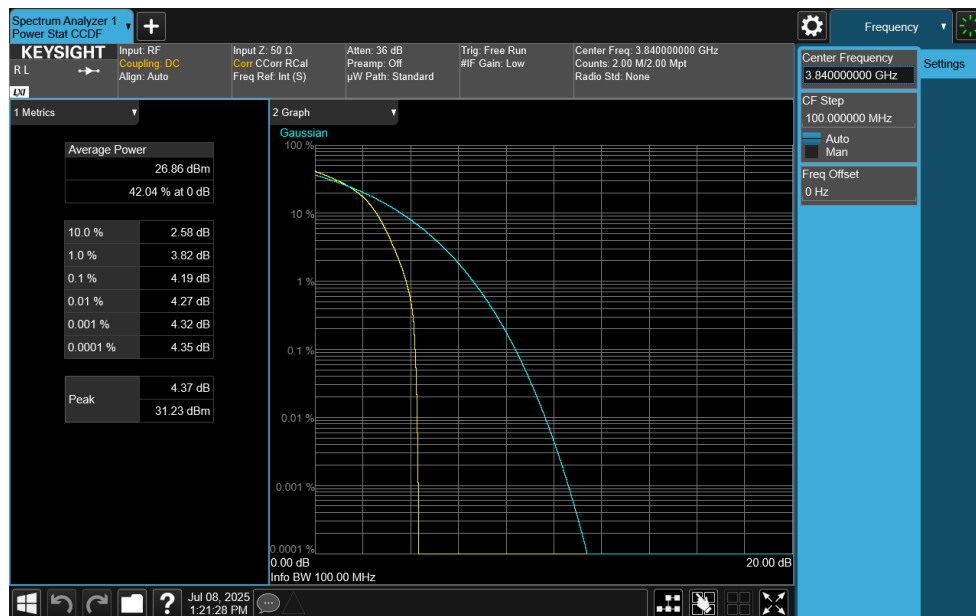
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 220 of 257

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Plot 7-397. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM 256-QAM - Full RB)

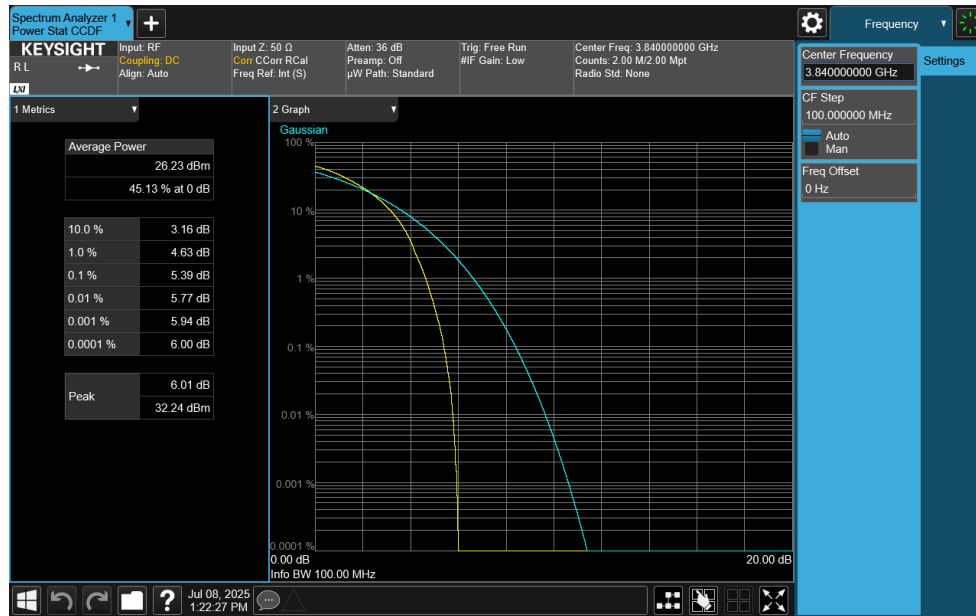


Plot 7-398. PAR Plot (NR Band n77 C-Band - 100MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

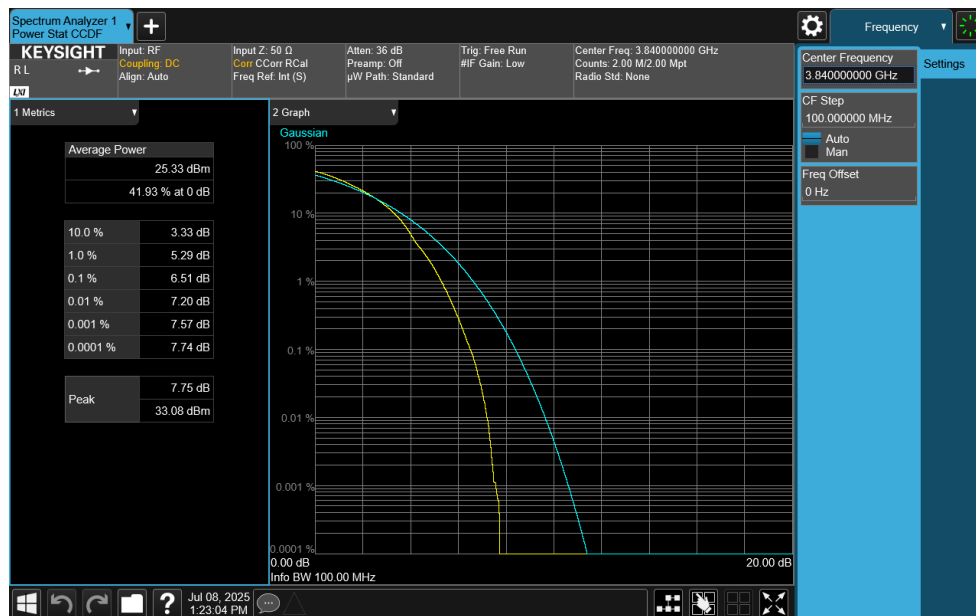
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Plot 7-399. PAR Plot (NR Band n77 C-Band - 100MHz DFT-s-OFDM QPSK - Full RB)

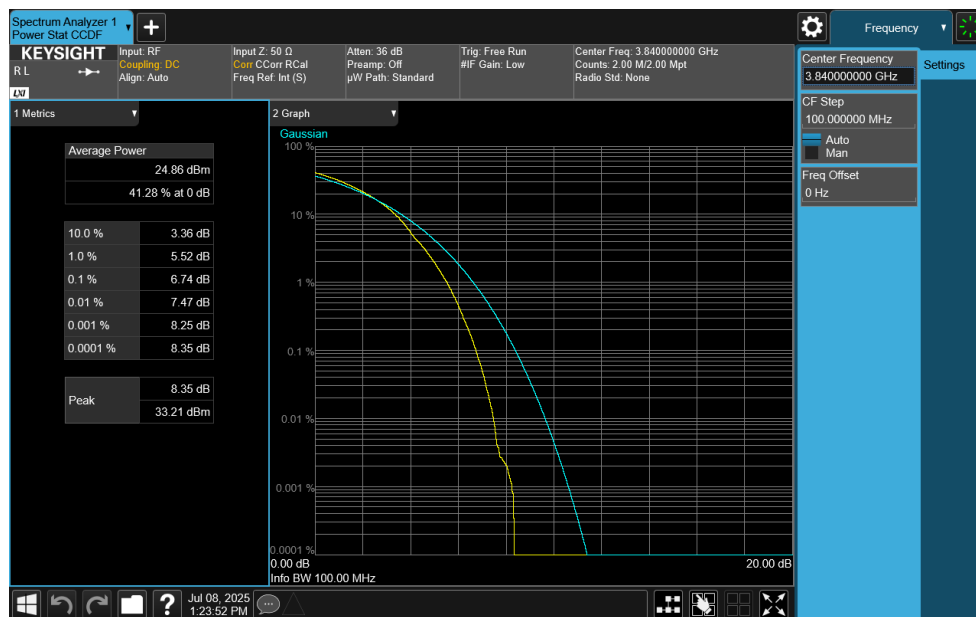


Plot 7-400. PAR Plot (NR Band n77 C-Band - 100MHz DFT-s-OFDM 16-QAM - Full RB)

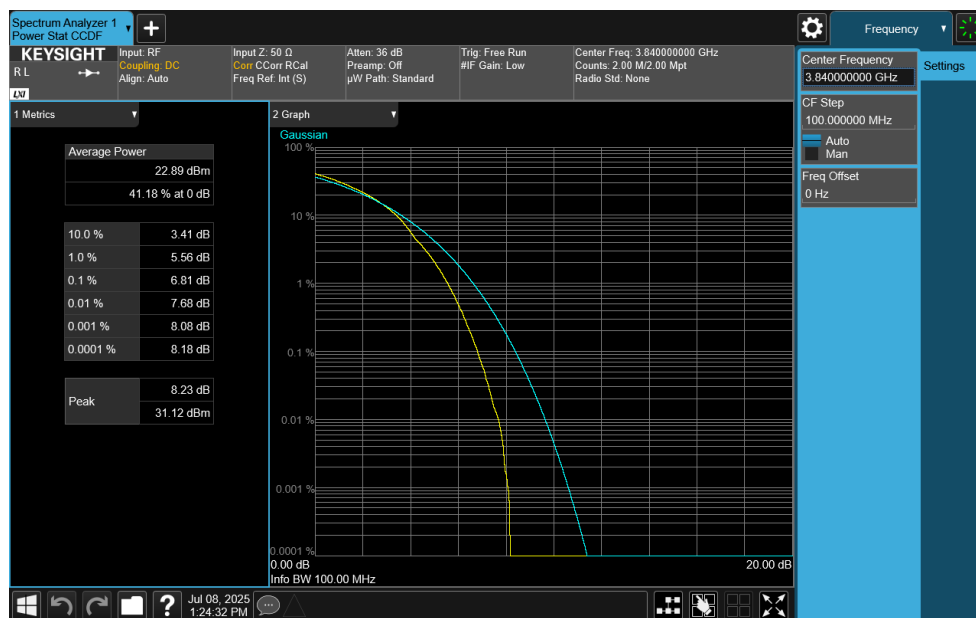
FCC ID: BCGA3358	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-401. PAR Plot (NR Band n77 C-Band - 100MHz DFT-s-OFDM 64-QAM - Full RB)



Plot 7-402. PAR Plot (NR Band n77 C-Band - 100MHz DFT-s-OFDM 256-QAM - Full RB)

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7.6 Radiated Power (EIRP)

§27.50(j)(3), §27.50(k)(3)

Test Overview

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 EIRP from the conducted RF output power measured is:

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

Where:

EIRP = Equivalent Isotropic Radiated Power (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 dBi (EIRP)

Test Setup

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

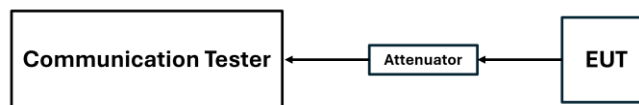


Figure 7-9. LTE EIRP Measurement Setup

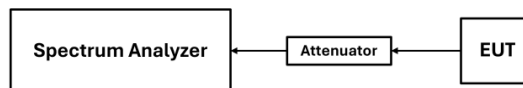


Figure 7-10. FR1 Test Instrument & Measurement Setup

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. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

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7.6.1 Antenna 3 – EIRP

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	n/2 BPSK	3455.01	0.10	24 / 0	27.44	27.54	0.568	30.00	-2.46
		3500.01	0.10	24 / 0	27.30	27.40	0.549	30.00	-2.60
		3544.98	0.10	24 / 0	27.41	27.51	0.564	30.00	-2.49
	QPSK	3455.01	0.10	1 / 22	27.50	27.60	0.575	30.00	-2.40
		3500.01	0.10	1 / 1	27.31	27.41	0.551	30.00	-2.59
		3544.98	0.10	1 / 22	27.40	27.50	0.563	30.00	-2.50
	16-QAM	3455.01	0.10	1 / 1	26.29	26.39	0.436	30.00	-3.61
		3455.01	0.10	24 / 0	25.69	25.79	0.379	30.00	-4.21
		3455.01	0.10	24 / 0	23.67	23.77	0.238	30.00	-6.23
	256-QAM	3457.50	0.10	1 / 1	27.42	27.52	0.564	30.00	-2.48
15 MHz	n/2 BPSK	3457.50	0.10	1 / 18	27.30	27.40	0.549	30.00	-2.60
		3542.49	0.10	36 / 0	27.38	27.48	0.560	30.00	-2.52
		3547.50	0.10	1 / 1	27.46	27.56	0.571	30.00	-2.44
	QPSK	3500.01	0.10	1 / 36	27.31	27.41	0.551	30.00	-2.59
		3542.49	0.10	1 / 18	27.36	27.46	0.557	30.00	-2.54
		3542.49	0.10	1 / 36	26.45	26.55	0.452	30.00	-3.45
	16-QAM	3457.50	0.10	36 / 0	25.54	25.64	0.366	30.00	-4.36
		3457.50	0.10	36 / 0	23.55	23.65	0.232	30.00	-6.35
		3460.02	0.10	50 / 0	27.42	27.52	0.565	30.00	-2.48
	256-QAM	3500.01	0.10	50 / 0	27.24	27.34	0.542	30.00	-2.66
20 MHz	n/2 BPSK	3540.00	0.10	50 / 0	27.33	27.43	0.554	30.00	-2.57
		3460.02	0.10	1 / 1	27.42	27.52	0.565	30.00	-2.48
		3500.01	0.10	1 / 1	27.25	27.35	0.543	30.00	-2.65
	QPSK	3540.00	0.10	1 / 49	27.33	27.43	0.553	30.00	-2.57
		3540.00	0.10	1 / 1	26.36	26.46	0.442	30.00	-3.54
		3460.02	0.10	50 / 0	25.46	25.56	0.360	30.00	-4.44
	16-QAM	3460.02	0.10	50 / 0	23.52	23.62	0.230	30.00	-6.38
		3462.51	0.10	64 / 0	27.42	27.52	0.565	30.00	-2.48
		3500.01	0.10	64 / 0	27.30	27.40	0.549	30.00	-2.60
	256-QAM	3537.48	0.10	64 / 0	27.37	27.47	0.568	30.00	-2.53
25 MHz	n/2 BPSK	3462.51	0.10	1 / 1	27.36	27.46	0.557	30.00	-2.54
		3500.01	0.10	1 / 32	27.26	27.36	0.545	30.00	-2.64
		3537.48	0.10	1 / 32	27.27	27.37	0.546	30.00	-2.63
	QPSK	3462.51	0.10	1 / 1	26.34	26.44	0.440	30.00	-3.56
		3462.51	0.10	64 / 0	25.56	25.66	0.368	30.00	-4.34
		3462.51	0.10	64 / 0	23.53	23.63	0.231	30.00	-6.37
	16-QAM	3465.00	0.10	1 / 1	27.42	27.52	0.565	30.00	-2.48
		3500.01	0.10	1 / 1	27.24	27.34	0.542	30.00	-2.66
		3534.98	0.10	75 / 0	27.32	27.42	0.561	30.00	-2.58
	256-QAM	3465.00	0.10	1 / 1	27.49	27.59	0.575	30.00	-2.41
30 MHz	n/2 BPSK	3500.01	0.10	1 / 1	27.28	27.38	0.547	30.00	-2.62
		3534.98	0.10	1 / 76	27.31	27.41	0.550	30.00	-2.59
		3465.00	0.10	1 / 1	26.26	26.36	0.432	30.00	-3.64
	QPSK	3465.00	0.10	75 / 0	25.47	25.57	0.361	30.00	-4.43
		3465.00	0.10	75 / 0	23.43	23.53	0.226	30.00	-6.47
		3470.01	0.10	1 / 1	27.45	27.55	0.569	30.00	-2.45
	16-QAM	3500.01	0.10	100 / 0	27.25	27.35	0.543	30.00	-2.65
		3529.98	0.10	100 / 0	27.29	27.39	0.548	30.00	-2.61
		3470.01	0.10	1 / 1	27.34	27.44	0.564	30.00	-2.56
	256-QAM	3500.01	0.10	1 / 1	27.20	27.30	0.537	30.00	-2.70
40 MHz	n/2 BPSK	3529.98	0.10	1 / 104	27.29	27.39	0.548	30.00	-2.61
		3470.01	0.10	1 / 1	26.34	26.44	0.440	30.00	-3.56
		3470.01	0.10	100 / 0	25.39	25.49	0.354	30.00	-4.51
	QPSK	3470.01	0.10	100 / 0	23.39	23.49	0.224	30.00	-6.51
		3475.02	0.10	128 / 0	27.42	27.52	0.565	30.00	-2.48
		3500.01	0.10	128 / 0	27.34	27.44	0.555	30.00	-2.56
	16-QAM	3525.00	0.10	128 / 0	27.20	27.30	0.537	30.00	-2.70
		3475.02	0.10	1 / 64	27.22	27.32	0.540	30.00	-2.68
		3500.01	0.10	1 / 64	27.09	27.19	0.534	30.00	-2.81
	256-QAM	3525.00	0.10	1 / 64	27.14	27.24	0.530	30.00	-2.76
50 MHz	n/2 BPSK	3475.02	0.10	1 / 1	26.26	26.36	0.432	30.00	-3.64
		3475.02	0.10	128 / 0	25.39	25.49	0.354	30.00	-4.51
		3475.02	0.10	128 / 0	23.34	23.44	0.221	30.00	-6.56
	QPSK	3480.00	0.10	1 / 1	27.37	27.47	0.569	30.00	-2.53
		3500.01	0.10	1 / 160	27.18	27.28	0.534	30.00	-2.72
		3519.99	0.10	162 / 0	27.12	27.22	0.527	30.00	-2.78
	16-QAM	3480.00	0.10	1 / 1	27.38	27.48	0.560	30.00	-2.52
		3500.01	0.10	1 / 1	27.28	27.38	0.547	30.00	-2.62
		3519.99	0.10	1 / 160	27.31	27.41	0.550	30.00	-2.59
	256-QAM	3480.00	0.10	1 / 1	26.30	26.40	0.436	30.00	-3.60
60 MHz	n/2 BPSK	3480.00	0.10	162 / 0	25.24	25.34	0.342	30.00	-4.66
		3480.00	0.10	162 / 0	23.29	23.39	0.218	30.00	-6.61
		3485.01	0.10	180 / 0	27.28	27.38	0.547	30.00	-2.62
	QPSK	3500.01	0.10	180 / 0	27.24	27.34	0.542	30.00	-2.66
		3514.98	0.10	180 / 0	27.11	27.21	0.526	30.00	-2.79
		3485.01	0.10	1 / 1	27.19	27.29	0.536	30.00	-2.71
	16-QAM	3500.01	0.10	1 / 187	27.20	27.30	0.537	30.00	-2.70
		3514.98	0.10	1 / 187	27.17	27.27	0.534	30.00	-2.73
		3485.01	0.10	1 / 1	26.51	26.61	0.458	30.00	-3.39
	256-QAM	3485.01	0.10	180 / 0	25.22	25.32	0.341	30.00	-4.68
70 MHz	n/2 BPSK	3485.01	0.10	180 / 0	23.29	23.39	0.218	30.00	-6.61
		3490.02	0.10	1 / 1	27.33	27.43	0.553	30.00	-2.57
		3500.01	0.10	1 / 1	27.16	27.26	0.532	30.00	-2.74
	QPSK	3510.00	0.10	1 / 1	27.26	27.36	0.545	30.00	-2.64
		3490.02	0.10	1 / 1	27.38	27.48	0.559	30.00	-2.52
		3500.01	0.10	1 / 1	27.33	27.43	0.554	30.00	-2.57
	16-QAM	3510.00	0.10	1 / 1	27.23	27.33	0.540	30.00	-2.67
		3500.01	0.10	1 / 1	26.27	26.37	0.433	30.00	-3.63
		3500.01	0.10	216 / 0	25.21	25.31	0.340	30.00	-4.69
	256-QAM	3500.01	0.10	216 / 0	23.28	23.38	0.218	30.00	-6.62
80 MHz	n/2 BPSK	3495.00	0.10	1 / 1	27.28	27.38	0.547	30.00	-2.62
		3500.01	0.10	243 / 0	27.17	27.27	0.533	30.00	-2.73
		3504.99	0.10	1 / 1	27.17	27.27	0.534	30.00	-2.73
	QPSK	3495.00	0.10	1 / 1	27.26	27.36	0.545	30.00	-2.64
		3500.01	0.10	1 / 1	26.99	27.09	0.511	30.00	-2.91
		3504.99	0.10	1 / 1	26.86	26.96	0.497	30.00	-3.04
	16-QAM	3504.99	0.10	1 / 1	25.82	25.92	0.391	30.00	-4.08
		3495.00	0.10	243 / 0	24.75	24.85	0.306	30.00	-5.15
		3500.01	0.10	243 / 0	22.76	22.86	0.193	30.00	-7.14
	256-QAM	3500.01	0.10	1 / 1	27.47	27.57	0.571	30.00	-2.43
90 MHz	n/2 BPSK	3500.01	0.10	1 / 135	27.37	27.47	0.568	30.00	-2.53
		3500.01	0.10	1 / 1	26.42	26.52	0.449	30.00	-3.48
		3500.01	0.10	270 / 0	25.35	25.45	0.351	30.00	-4.55
	QPSK	3500.01	0.10	270 / 0	22.64	22.74	0.188	30.00	-7.26

Table 7-2. Antenna 3 EIRP Data (NR Band n77 (PC2) – DoD Band)

FCC ID: BCGA3358		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]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3455.01	0.10	24 / 0	25.45	25.55	0.359	30.00	-4.45
		3500.01	0.10	24 / 0	25.25	25.35	0.343	30.00	-4.65
		3544.98	0.10	24 / 0	25.33	25.43	0.349	30.00	-4.57
	QPSK	3455.01	0.10	1 / 1	25.45	25.55	0.359	30.00	-4.45
		3500.01	0.10	1 / 1	25.23	25.33	0.341	30.00	-4.67
		3544.98	0.10	1 / 12	25.29	25.39	0.346	30.00	-4.61
	16-QAM	3455.01	0.10	1 / 12	24.23	24.33	0.271	30.00	-5.67
	64-QAM	3455.01	0.10	24 / 0	23.57	23.67	0.233	30.00	-6.33
	256-QAM	3455.01	0.10	24 / 0	21.60	21.70	0.148	30.00	-8.30
	256-QAM	3457.50	0.10	36 / 0	25.36	25.46	0.351	30.00	-4.54
15 MHz	π/2 BPSK	3500.01	0.10	36 / 0	25.18	25.28	0.337	30.00	-4.72
		3542.49	0.10	36 / 0	25.30	25.40	0.347	30.00	-4.60
		3457.50	0.10	1 / 18	25.39	25.49	0.354	30.00	-4.51
	QPSK	3500.01	0.10	1 / 36	25.19	25.29	0.338	30.00	-4.71
		3542.49	0.10	1 / 1	25.25	25.35	0.343	30.00	-4.65
		3457.50	0.10	1 / 1	24.26	24.36	0.273	30.00	-5.64
	16-QAM	3457.50	0.10	36 / 0	23.48	23.58	0.228	30.00	-6.42
	64-QAM	3457.50	0.10	36 / 0	21.50	21.60	0.144	30.00	-8.40
	256-QAM	3457.50	0.10	36 / 0	21.50	21.60	0.144	30.00	-8.40
	256-QAM	3460.02	0.10	50 / 0	25.35	25.45	0.351	30.00	-4.55
20 MHz	π/2 BPSK	3500.01	0.10	50 / 0	25.21	25.31	0.340	30.00	-4.69
		3540.00	0.10	50 / 0	25.26	25.36	0.344	30.00	-4.64
		3460.02	0.10	1 / 1	25.37	25.47	0.352	30.00	-4.53
	QPSK	3500.01	0.10	1 / 1	25.23	25.33	0.341	30.00	-4.67
		3540.00	0.10	1 / 49	25.24	25.34	0.342	30.00	-4.66
		3460.02	0.10	1 / 1	24.26	24.36	0.273	30.00	-5.64
	16-QAM	3500.01	0.10	1 / 1	23.43	23.53	0.225	30.00	-6.47
	64-QAM	3460.02	0.10	50 / 0	23.43	23.53	0.225	30.00	-6.47
	256-QAM	3460.02	0.10	50 / 0	21.48	21.58	0.144	30.00	-8.42
	256-QAM	3462.51	0.10	64 / 0	25.39	25.49	0.354	30.00	-4.51
25 MHz	π/2 BPSK	3500.01	0.10	64 / 0	25.26	25.36	0.344	30.00	-4.64
		3537.48	0.10	64 / 0	25.33	25.43	0.349	30.00	-4.57
		3462.51	0.10	1 / 1	25.62	25.72	0.373	30.00	-4.28
	QPSK	3500.01	0.10	1 / 1	25.13	25.23	0.334	30.00	-4.77
		3537.48	0.10	1 / 32	25.23	25.33	0.341	30.00	-4.67
		3462.51	0.10	1 / 32	24.14	24.24	0.268	30.00	-5.76
	16-QAM	3500.01	0.10	1 / 32	23.50	23.60	0.229	30.00	-6.40
	64-QAM	3462.51	0.10	64 / 0	23.50	23.60	0.229	30.00	-6.40
	256-QAM	3462.51	0.10	64 / 0	21.50	21.60	0.145	30.00	-8.40
	256-QAM	3465.00	0.10	75 / 0	25.38	25.48	0.353	30.00	-4.52
30 MHz	π/2 BPSK	3500.01	0.10	1 / 1	25.29	25.39	0.346	30.00	-4.61
		3534.99	0.10	75 / 0	25.29	25.39	0.346	30.00	-4.61
		3465.00	0.10	1 / 1	25.48	25.58	0.362	30.00	-4.42
	QPSK	3500.01	0.10	1 / 1	25.29	25.39	0.346	30.00	-4.61
		3534.99	0.10	1 / 36	25.32	25.42	0.348	30.00	-4.58
		3465.00	0.10	1 / 1	24.28	24.38	0.274	30.00	-5.62
	16-QAM	3465.00	0.10	1 / 1	23.52	23.62	0.230	30.00	-6.38
	64-QAM	3465.00	0.10	75 / 0	23.52	23.62	0.230	30.00	-6.38
	256-QAM	3465.00	0.10	75 / 0	21.48	21.58	0.144	30.00	-8.42
	256-QAM	3470.01	0.10	100 / 0	25.41	25.51	0.355	30.00	-4.49
40 MHz	π/2 BPSK	3500.01	0.10	100 / 0	25.26	25.36	0.344	30.00	-4.64
		3529.98	0.10	100 / 0	25.30	25.40	0.346	30.00	-4.60
		3470.01	0.10	1 / 1	25.45	25.55	0.359	30.00	-4.45
	QPSK	3500.01	0.10	1 / 104	25.26	25.36	0.343	30.00	-4.64
		3529.98	0.10	1 / 104	25.27	25.37	0.345	30.00	-4.63
		3470.01	0.10	1 / 1	24.24	24.34	0.272	30.00	-5.66
	16-QAM	3500.01	0.10	1 / 1	23.37	23.47	0.222	30.00	-6.53
	64-QAM	3470.01	0.10	100 / 0	23.37	23.47	0.222	30.00	-6.53
	256-QAM	3470.01	0.10	100 / 0	21.39	21.49	0.141	30.00	-8.51
	256-QAM	3475.02	0.10	128 / 0	25.46	25.56	0.360	30.00	-4.44
50 MHz	π/2 BPSK	3500.01	0.10	128 / 0	25.25	25.35	0.343	30.00	-4.65
		3525.00	0.10	128 / 0	25.27	25.37	0.344	30.00	-4.63
		3475.02	0.10	1 / 64	25.31	25.41	0.348	30.00	-4.59
	QPSK	3500.01	0.10	1 / 64	25.23	25.33	0.341	30.00	-4.67
		3525.00	0.10	1 / 64	25.21	25.31	0.340	30.00	-4.69
		3475.02	0.10	1 / 64	24.31	24.41	0.276	30.00	-5.59
	16-QAM	3525.00	0.10	1 / 64	23.48	23.58	0.228	30.00	-6.42
	64-QAM	3475.02	0.10	128 / 0	23.48	23.58	0.228	30.00	-6.42
	256-QAM	3475.02	0.10	128 / 0	21.45	21.55	0.143	30.00	-8.45
	256-QAM	3480.00	0.10	1 / 1	25.32	25.42	0.348	30.00	-4.58
60 MHz	π/2 BPSK	3500.01	0.10	162 / 0	25.24	25.34	0.342	30.00	-4.66
		3519.99	0.10	1 / 160	25.27	25.37	0.344	30.00	-4.63
		3480.00	0.10	1 / 1	25.30	25.40	0.347	30.00	-4.60
	QPSK	3500.01	0.10	1 / 160	25.29	25.39	0.346	30.00	-4.61
		3519.99	0.10	1 / 160	25.34	25.44	0.350	30.00	-4.56
		3480.00	0.10	1 / 1	24.29	24.39	0.275	30.00	-5.61
	16-QAM	3480.00	0.10	1 / 1	23.29	23.39	0.218	30.00	-6.61
	64-QAM	3480.00	0.10	162 / 0	23.29	23.39	0.218	30.00	-6.61
	256-QAM	3480.00	0.10	162 / 0	21.28	21.38	0.137	30.00	-8.62
	256-QAM	3485.01	0.10	1 / 1	25.23	25.33	0.342	30.00	-4.67
70 MHz	π/2 BPSK	3500.01	0.10	1 / 1	25.24	25.34	0.342	30.00	-4.66
		3514.98	0.10	180 / 0	25.18	25.28	0.338	30.00	-4.72
		3485.01	0.10	1 / 1	25.39	25.49	0.354	30.00	-4.51
	QPSK	3500.01	0.10	1 / 1	25.31	25.41	0.347	30.00	-4.59
		3514.98	0.10	1 / 187	25.20	25.30	0.339	30.00	-4.70
		3485.01	0.10	1 / 1	24.18	24.28	0.268	30.00	-5.72
	16-QAM	3485.01	0.10	180 / 0	23.21	23.31	0.214	30.00	-6.69
	64-QAM	3500.01	0.10	180 / 0	23.21	23.31	0.214	30.00	-6.69
	256-QAM	3485.01	0.10	180 / 0	21.21	21.31	0.135	30.00	-8.69
	256-QAM	3490.02	0.10	1 / 1	25.25	25.35	0.343	30.00	-4.65
80 MHz	π/2 BPSK	3500.01	0.10	216 / 0	25.18	25.28	0.337	30.00	-4.72
		3510.00	0.10	1 / 1	25.12	25.22	0.332	30.00	-4.78
		3490.02	0.10	1 / 1	25.40	25.50	0.355	30.00	-4.50
	QPSK	3500.01	0.10	1 / 1	25.41	25.51	0.355	30.00	-4.49
		3510.00	0.10	1 / 1	25.16	25.26	0.336	30.00	-4.74
		3490.02	0.10	1 / 108	24.17	24.27	0.267	30.00	-5.73
	16-QAM	3500.01	0.10	216 / 0	23.22	23.32	0.215	30.00	-6.68
	64-QAM	3500.01	0.10	216 / 0	23.22	23.32	0.215	30.00	-6.68
	256-QAM	3490.02	0.10	216 / 0	21.25	21.35	0.136	30.00	-8.65
	256-QAM	3495.00	0.10	1 / 1	25.35	25.45	0.351	30.00	-4.55
	256-QAM	3500.01	0.10	243 / 0	25.19	25.29	0.338	30.00	-4.71
90 MHz	π/2 BPSK	3504.99	0.10	243 / 0	25.19	25.29	0.338	30.00	-4.71
		3495.00	0.10	1 / 1	25.37	25.47	0.353	30.00	-4.53
		3504.99	0.10	1 / 243	25.28	25.38	0.345	30.00	-4.62
	QPSK	3504.99	0.10	1 / 1	25.27	25.37	0.344	30.00	-4.63
		3495.00	0.10	1 / 1	24.18	24.28	0.268	30.00	-5.72
		3500.01	0.10	243 / 0	23.23	23.33	0.215	30.00	-6.67
	16-QAM	3495.00	0.10	243 / 0	21.24	21.34	0.136	30.00	-8.66
	64-QAM	3500.01	0.10	243 / 0	21.24	21.34	0.136	30.00	-8.66
	256-QAM	3500.01	0.10	1 / 1	25.46	25.56	0.360	30.00	-4.44
	π/2 BPSK	3500.01	0.10	1 / 1	25.36	25.46	0.352	30.00	-4.54
		3500.01	0.10	1 / 135	24.33	24.43	0.277	30.00	-5.57
		3500.01	0.10	270 / 0	23.17	23.27	0.212	30.00	-6.73
100 MHz	256-QAM	3500.01	0.10	270 / 0	21.29	21.39	0.138	30.00	-8.61

Table 7-3. Antenna 3 EIRP Data (NR Band n77 (PC3) –

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	m/2 BPSK	3705.00	0.10	24 / 0	27.05	27.15	0.519	30.00	-2.85
		3840.00	0.10	24 / 0	27.20	27.30	0.538	30.00	-2.70
		3975.00	0.10	24 / 0	27.07	27.17	0.521	30.00	-2.83
		3705.00	0.10	1 / 22	27.14	27.24	0.530	30.00	-2.76
	QPSK	3840.00	0.10	1 / 12	27.21	27.31	0.538	30.00	-2.69
		3975.00	0.10	1 / 12	27.17	27.27	0.533	30.00	-2.73
		3840.00	0.10	1 / 12	26.03	26.13	0.411	30.00	-3.87
		3840.00	0.10	24 / 0	25.36	25.46	0.351	30.00	-4.54
		3840.00	0.10	24 / 0	23.35	23.45	0.222	30.00	-6.55
	16-QAM	3707.51	0.10	36 / 0	27.11	27.21	0.525	30.00	-2.79
		3840.00	0.10	36 / 0	27.20	27.30	0.536	30.00	-2.70
		3972.50	0.10	36 / 0	27.16	27.26	0.532	30.00	-2.74
		3707.51	0.10	1 / 1	27.12	27.22	0.527	30.00	-2.78
15 MHz	m/2 BPSK	3840.00	0.10	1 / 1	27.15	27.25	0.531	30.00	-2.75
		3972.50	0.10	1 / 1	27.18	27.28	0.534	30.00	-2.72
		3840.00	0.10	1 / 36	26.23	26.33	0.430	30.00	-3.67
		3840.00	0.10	36 / 0	25.27	25.37	0.344	30.00	-4.63
	QPSK	3840.00	0.10	36 / 0	23.32	23.42	0.220	30.00	-6.58
		3710.01	0.10	50 / 0	27.16	27.26	0.532	30.00	-2.74
		3840.00	0.10	50 / 0	27.25	27.35	0.543	30.00	-2.65
		3959.99	0.10	50 / 0	27.19	27.29	0.536	30.00	-2.71
	16-QAM	3710.01	0.10	1 / 49	27.14	27.24	0.530	30.00	-2.76
		3840.00	0.10	1 / 49	27.20	27.30	0.537	30.00	-2.70
		3959.99	0.10	1 / 1	27.21	27.31	0.538	30.00	-2.69
		3840.00	0.10	1 / 25	26.32	26.42	0.439	30.00	-3.58
20 MHz	m/2 BPSK	3840.00	0.10	50 / 0	25.27	25.37	0.344	30.00	-4.63
		3840.00	0.10	50 / 0	23.41	23.51	0.224	30.00	-6.49
		3712.50	0.10	64 / 0	27.10	27.20	0.525	30.00	-2.80
		3840.00	0.10	64 / 0	27.35	27.45	0.556	30.00	-2.55
	QPSK	3967.50	0.10	64 / 0	27.31	27.41	0.551	30.00	-2.59
		3712.50	0.10	1 / 63	27.10	27.20	0.525	30.00	-2.80
		3840.00	0.10	1 / 32	27.27	27.37	0.546	30.00	-2.63
		3967.50	0.10	1 / 1	27.20	27.30	0.537	30.00	-2.70
	16-QAM	3967.50	0.10	1 / 1	26.15	26.25	0.422	30.00	-3.75
		3840.00	0.10	64 / 0	25.44	25.54	0.358	30.00	-4.46
		3840.00	0.10	64 / 0	23.44	23.54	0.226	30.00	-6.46
		3715.02	0.10	1 / 76	27.10	27.20	0.524	30.00	-2.80
25 MHz	m/2 BPSK	3840.00	0.10	75 / 0	27.29	27.39	0.548	30.00	-2.61
		3964.98	0.10	75 / 0	27.32	27.42	0.552	30.00	-2.58
		3715.02	0.10	1 / 76	27.19	27.29	0.536	30.00	-2.71
		3840.00	0.10	1 / 36	27.39	27.49	0.562	30.00	-2.51
	QPSK	3964.98	0.10	1 / 1	27.35	27.45	0.555	30.00	-2.55
		3964.98	0.10	1 / 76	26.32	26.42	0.439	30.00	-3.58
		3840.00	0.10	75 / 0	25.40	25.50	0.355	30.00	-4.50
		3840.00	0.10	75 / 0	23.31	23.41	0.219	30.00	-6.59
	16-QAM	3720.00	0.10	100 / 0	27.11	27.21	0.527	30.00	-2.79
		3840.00	0.10	100 / 0	27.31	27.41	0.551	30.00	-2.59
		3960.00	0.10	100 / 0	27.38	27.48	0.560	30.00	-2.52
		3720.00	0.10	1 / 60	27.08	27.18	0.523	30.00	-2.82
30 MHz	m/2 BPSK	3840.00	0.10	1 / 104	27.28	27.38	0.546	30.00	-2.62
		3960.00	0.10	1 / 1	27.35	27.45	0.556	30.00	-2.55
		3840.00	0.10	1 / 50	26.16	26.26	0.423	30.00	-3.74
		3960.00	0.10	100 / 0	25.37	25.47	0.352	30.00	-4.53
	QPSK	3960.00	0.10	100 / 0	23.38	23.48	0.223	30.00	-6.52
		3725.01	0.10	128 / 0	27.22	27.32	0.540	30.00	-2.68
		3840.00	0.10	128 / 0	27.43	27.53	0.566	30.00	-2.47
		3954.99	0.10	128 / 0	27.49	27.59	0.575	30.00	-2.41
	16-QAM	3725.01	0.10	1 / 64	27.18	27.28	0.534	30.00	-2.72
		3840.00	0.10	1 / 64	27.34	27.44	0.554	30.00	-2.56
		3954.99	0.10	1 / 64	27.29	27.39	0.548	30.00	-2.61
		3840.00	0.10	1 / 64	26.17	26.27	0.423	30.00	-3.73
40 MHz	m/2 BPSK	3954.99	0.10	128 / 0	25.48	25.58	0.361	30.00	-4.42
		3954.99	0.10	128 / 0	23.42	23.52	0.225	30.00	-6.48
		3730.02	0.10	1 / 81	27.19	27.29	0.536	30.00	-2.71
		3840.00	0.10	162 / 0	27.33	27.43	0.553	30.00	-2.57
	QPSK	3949.98	0.10	162 / 0	27.35	27.45	0.555	30.00	-2.55
		3730.02	0.10	1 / 160	27.09	27.19	0.524	30.00	-2.81
		3840.00	0.10	1 / 81	27.32	27.42	0.552	30.00	-2.58
		3949.98	0.10	1 / 81	27.33	27.43	0.553	30.00	-2.57
	16-QAM	3949.98	0.10	1 / 81	26.40	26.50	0.447	30.00	-3.50
		3840.00	0.10	162 / 0	25.35	25.45	0.351	30.00	-4.55
		3840.00	0.10	162 / 0	23.33	23.43	0.220	30.00	-6.57
		3735.00	0.10	180 / 0	27.09	27.19	0.523	30.00	-2.81
50 MHz	m/2 BPSK	3840.00	0.10	180 / 0	27.29	27.39	0.548	30.00	-2.61
		3945.00	0.10	1 / 90	27.29	27.39	0.549	30.00	-2.61
		3735.00	0.10	1 / 187	27.22	27.32	0.540	30.00	-2.68
		3840.00	0.10	1 / 90	27.20	27.30	0.537	30.00	-2.70
	QPSK	3945.00	0.10	1 / 1	27.10	27.20	0.525	30.00	-2.80
		3735.00	0.10	1 / 187	26.27	26.37	0.433	30.00	-3.63
		3840.00	0.10	180 / 0	25.32	25.42	0.348	30.00	-4.58
		3840.00	0.10	180 / 0	23.33	23.43	0.220	30.00	-6.57
	16-QAM	3740.01	0.10	1 / 215	27.33	27.43	0.554	30.00	-2.57
		3840.00	0.10	1 / 108	27.36	27.46	0.558	30.00	-2.54
		3939.99	0.10	216 / 0	27.33	27.43	0.554	30.00	-2.57
		3740.01	0.10	1 / 215	27.33	27.43	0.554	30.00	-2.57
60 MHz	m/2 BPSK	3840.00	0.10	1 / 108	27.26	27.36	0.545	30.00	-2.64
		3939.99	0.10	1 / 108	27.33	27.43	0.553	30.00	-2.57
		3840.00	0.10	1 / 1	26.32	26.42	0.439	30.00	-3.58
		3840.00	0.10	216 / 0	25.40	25.50	0.355	30.00	-4.50
	QPSK	3840.00	0.10	216 / 0	23.37	23.47	0.223	30.00	-6.53
		3745.02	0.10	243 / 0	27.14	27.24	0.529	30.00	-2.76
		3840.00	0.10	243 / 0	27.32	27.42	0.552	30.00	-2.58
		3934.98	0.10	243 / 0	27.31	27.41	0.551	30.00	-2.59
	16-QAM	3745.02	0.10	1 / 1	27.14	27.24	0.530	30.00	-2.76
		3840.00	0.10	1 / 120	27.28	27.38	0.547	30.00	-2.62
		3934.98	0.10	1 / 120	27.32	27.42	0.552	30.00	-2.58
		3840.00	0.10	1 / 120	26.16	26.26	0.423	30.00	-3.74
70 MHz	m/2 BPSK	3840.00	0.10	243 / 0	25.31	25.41	0.348	30.00	-4.59
		3940.00	0.10	243 / 0	23.34	23.44	0.221	30.00	-6.56
		3750.00	0.10	270 / 0	27.17	27.27	0.533	30.00	-2.73
		3840.00	0.10	270 / 0	27.34	27.44	0.554	30.00	-2.56
	QPSK	3930.00	0.10	270 / 0	27.31	27.41	0.550	30.00	-2.59
		3750.00	0.10	1 / 135	27.23	27.33	0.541	30.00	-2.67
		3840.00	0.10	1 / 271	27.19	27.29	0.536	30.00	-2.71
		3930.00	0.10	1 / 135	27.35	27.45	0.555	30.00	-2.55
	16-QAM	3930.00	0.10	1 / 135	26.08	26.18	0.415	30.00	-3.82
		3840.00	0.10	270 / 0	25.38	25.48	0.353	30.00	-4.52
		3930.00	0.10	270 / 0	23.34	23.44	0.221	30.00	-6.56
		3840.00	0.10	270 / 0	23.34	23.44	0.221	30.00	-6.56

Table 7-4. Antenna 3 EIRP Data (NR Band n77 (PC2) – C Band)

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 227 of 257	

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watt]	EIRP Limit [dBm]	Margin [dB]
10 MHz	11/2 BPSK	3705.00	0.10	24 / 0	25.32	25.42	0.348	30.00	-4.58
		3840.00	0.10	24 / 0	25.50	25.60	0.363	30.00	-4.40
		3975.00	0.10	24 / 0	25.43	25.53	0.357	30.00	-4.47
	QPSK	3705.00	0.10	1 / 22	25.26	25.36	0.343	30.00	-4.64
		3840.00	0.10	1 / 22	25.46	25.56	0.360	30.00	-4.44
		3975.00	0.10	1 / 12	25.35	25.45	0.351	30.00	-4.55
	16-QAM	3840.00	0.10	1 / 22	24.36	24.46	0.279	30.00	-5.54
	64-QAM	3840.00	0.10	24 / 0	23.60	23.70	0.234	30.00	-6.30
	256-QAM	3840.00	0.10	24 / 0	21.60	21.70	0.148	30.00	-8.30
	256-QAM	3840.00	0.10	24 / 0	21.60	21.70	0.148	30.00	-8.30
15 MHz	11/2 BPSK	3707.51	0.10	36 / 0	25.17	25.27	0.337	30.00	-4.73
		3840.00	0.10	36 / 0	25.42	25.52	0.357	30.00	-4.48
		3972.50	0.10	36 / 0	25.31	25.41	0.348	30.00	-4.59
	QPSK	3707.51	0.10	1 / 1	25.24	25.34	0.342	30.00	-4.66
		3840.00	0.10	1 / 18	25.38	25.48	0.353	30.00	-4.52
		3972.50	0.10	1 / 36	25.61	25.71	0.372	30.00	-4.29
	16-QAM	3840.00	0.10	1 / 18	24.21	24.31	0.270	30.00	-5.69
	64-QAM	3840.00	0.10	36 / 0	23.47	23.57	0.227	30.00	-6.43
	256-QAM	3840.00	0.10	36 / 0	21.53	21.63	0.145	30.00	-8.37
	256-QAM	3840.00	0.10	36 / 0	21.53	21.63	0.145	30.00	-8.37
20 MHz	11/2 BPSK	3710.01	0.10	50 / 0	25.24	25.34	0.342	30.00	-4.66
		3840.00	0.10	50 / 0	25.46	25.56	0.360	30.00	-4.44
		3969.99	0.10	50 / 0	25.38	25.48	0.353	30.00	-4.52
	QPSK	3710.01	0.10	1 / 49	25.29	25.39	0.346	30.00	-4.61
		3840.00	0.10	1 / 25	25.39	25.49	0.354	30.00	-4.51
		3969.99	0.10	1 / 1	25.40	25.50	0.355	30.00	-4.50
	16-QAM	3840.00	0.10	1 / 1	24.27	24.37	0.273	30.00	-5.63
	64-QAM	3840.00	0.10	50 / 0	23.50	23.60	0.229	30.00	-6.40
	256-QAM	3840.00	0.10	50 / 0	21.55	21.65	0.146	30.00	-8.35
	256-QAM	3840.00	0.10	50 / 0	21.55	21.65	0.146	30.00	-8.35
25 MHz	11/2 BPSK	3712.50	0.10	1 / 63	25.34	25.44	0.350	30.00	-4.56
		3840.00	0.10	64 / 0	25.51	25.61	0.364	30.00	-4.39
		3967.50	0.10	64 / 0	25.43	25.53	0.358	30.00	-4.47
	QPSK	3712.50	0.10	1 / 63	25.23	25.33	0.341	30.00	-4.67
		3840.00	0.10	1 / 32	25.40	25.50	0.355	30.00	-4.50
		3967.50	0.10	1 / 1	25.40	25.50	0.355	30.00	-4.50
	16-QAM	3840.00	0.10	1 / 32	24.41	24.51	0.283	30.00	-5.49
	64-QAM	3840.00	0.10	64 / 0	23.60	23.70	0.235	30.00	-6.30
	256-QAM	3840.00	0.10	64 / 0	21.59	21.69	0.146	30.00	-8.31
	256-QAM	3840.00	0.10	64 / 0	21.59	21.69	0.146	30.00	-8.31
30 MHz	11/2 BPSK	3715.02	0.10	1 / 76	25.26	25.36	0.343	30.00	-4.64
		3840.00	0.10	75 / 0	25.45	25.55	0.359	30.00	-4.45
		3964.98	0.10	75 / 0	25.46	25.56	0.360	30.00	-4.44
	QPSK	3715.02	0.10	1 / 76	25.34	25.44	0.350	30.00	-4.56
		3840.00	0.10	1 / 36	25.48	25.58	0.361	30.00	-4.42
		3964.98	0.10	1 / 1	25.47	25.57	0.361	30.00	-4.43
	16-QAM	3840.00	0.10	1 / 1	24.43	24.53	0.284	30.00	-5.47
	64-QAM	3840.00	0.10	75 / 0	23.51	23.61	0.230	30.00	-6.39
	256-QAM	3840.00	0.10	75 / 0	21.48	21.58	0.144	30.00	-8.42
	256-QAM	3840.00	0.10	75 / 0	21.48	21.58	0.144	30.00	-8.42
40 MHz	11/2 BPSK	3720.00	0.10	100 / 0	25.31	25.41	0.348	30.00	-4.59
		3840.00	0.10	100 / 0	25.49	25.59	0.362	30.00	-4.41
		3960.00	0.10	100 / 0	25.49	25.59	0.362	30.00	-4.41
	QPSK	3720.00	0.10	1 / 50	25.25	25.35	0.343	30.00	-4.65
		3840.00	0.10	1 / 104	25.48	25.58	0.362	30.00	-4.42
		3960.00	0.10	1 / 1	25.54	25.64	0.366	30.00	-4.36
	16-QAM	3840.00	0.10	1 / 50	24.45	24.55	0.285	30.00	-5.45
	64-QAM	3960.00	0.10	100 / 0	23.54	23.64	0.231	30.00	-6.36
	256-QAM	3840.00	0.10	100 / 0	21.58	21.68	0.147	30.00	-8.32
	256-QAM	3840.00	0.10	100 / 0	21.58	21.68	0.147	30.00	-8.32
50 MHz	11/2 BPSK	3725.01	0.10	128 / 0	25.30	25.40	0.347	30.00	-4.60
		3840.00	0.10	128 / 0	25.49	25.59	0.362	30.00	-4.41
		3954.99	0.10	128 / 0	25.48	25.58	0.362	30.00	-4.42
	QPSK	3725.01	0.10	1 / 64	25.32	25.42	0.346	30.00	-4.58
		3840.00	0.10	1 / 64	25.45	25.55	0.359	30.00	-4.45
		3954.99	0.10	1 / 64	25.43	25.53	0.357	30.00	-4.47
	16-QAM	3954.99	0.10	1 / 64	24.30	24.40	0.275	30.00	-5.60
	64-QAM	3954.99	0.10	128 / 0	23.56	23.66	0.232	30.00	-6.34
	256-QAM	3954.99	0.10	128 / 0	21.57	21.67	0.147	30.00	-8.33
	256-QAM	3954.99	0.10	128 / 0	21.57	21.67	0.147	30.00	-8.33
60 MHz	11/2 BPSK	3730.02	0.10	162 / 0	25.29	25.39	0.346	30.00	-4.61
		3840.00	0.10	162 / 0	25.45	25.55	0.359	30.00	-4.45
		3949.98	0.10	1 / 1	25.52	25.62	0.364	30.00	-4.38
	QPSK	3730.02	0.10	1 / 81	25.28	25.38	0.345	30.00	-4.62
		3840.00	0.10	1 / 81	25.41	25.51	0.355	30.00	-4.49
		3949.98	0.10	1 / 81	25.47	25.57	0.360	30.00	-4.43
	16-QAM	3949.98	0.10	1 / 1	24.41	24.51	0.283	30.00	-5.49
	64-QAM	3840.00	0.10	162 / 0	23.43	23.53	0.225	30.00	-6.47
	256-QAM	3840.00	0.10	162 / 0	21.42	21.52	0.142	30.00	-8.48
	256-QAM	3840.00	0.10	162 / 0	21.42	21.52	0.142	30.00	-8.48
70 MHz	11/2 BPSK	3735.00	0.10	1 / 187	25.18	25.28	0.337	30.00	-4.72
		3840.00	0.10	180 / 0	25.43	25.53	0.357	30.00	-4.47
		3945.00	0.10	180 / 0	25.40	25.50	0.355	30.00	-4.50
	QPSK	3735.00	0.10	1 / 187	25.31	25.41	0.348	30.00	-4.59
		3840.00	0.10	1 / 90	25.47	25.57	0.361	30.00	-4.43
		3945.00	0.10	1 / 1	25.53	25.63	0.365	30.00	-4.37
	16-QAM	3945.00	0.10	1 / 90	24.15	24.25	0.266	30.00	-5.75
	64-QAM	3840.00	0.10	180 / 0	23.45	23.55	0.226	30.00	-6.45
	256-QAM	3840.00	0.10	180 / 0	21.43	21.53	0.142	30.00	-8.47
	256-QAM	3840.00	0.10	180 / 0	21.43	21.53	0.142	30.00	-8.47
80 MHz	11/2 BPSK	3740.01	0.10	1 / 215	25.46	25.56	0.359	30.00	-4.44
		3840.00	0.10	216 / 0	25.42	25.52	0.357	30.00	-4.48
		3939.99	0.10	216 / 0	25.48	25.58	0.362	30.00	-4.42
	QPSK	3740.01	0.10	1 / 215	25.39	25.49	0.354	30.00	-4.51
		3840.00	0.10	1 / 108	25.39	25.49	0.354	30.00	-4.51
		3939.99	0.10	1 / 1	25.35	25.45	0.351	30.00	-4.55
	16-QAM	3740.01	0.10	1 / 215	24.29	24.39	0.275	30.00	-5.61
	64-QAM	3840.00	0.10	216 / 0	23.47	23.57	0.228	30.00	-6.43
	256-QAM	3840.00	0.10	216 / 0	21.44	21.54	0.142	30.00	-8.46
	256-QAM	3840.00	0.10	216 / 0	21.44	21.54	0.142	30.00	-8.46
90 MHz	11/2 BPSK	3745.02	0.10	243 / 0	25.26	25.36	0.343	30.00	-4.64
		3840.00	0.10	243 / 0	25.44	25.54	0.358	30.00	-4.46
		3934.98	0.10	243 / 0	25.37	25.47	0.352	30.00	-4.53
	QPSK	3745.02	0.10	1 / 243	25.24	25.34	0.342	30.00	-4.66
		3840.00	0.10	1 / 243	25.50	25.60	0.363	30.00	-4.40
		3934.98	0.10	1 / 120	25.39	25.49	0.354	30.00	-4.51
	16-QAM	3840.00	0.10	1 / 243	24.24	24.34	0.271	30.00	-5.66
	64-QAM	3840.00	0.10	243 / 0	23.38	23.48	0.223	30.00	-6.52
	256-QAM	3934.98	0.10	243 / 0	21.41	21.51	0.142	30.00	-8.49
	256-QAM	3934.98	0.10	243 / 0	21.41	21.51	0.142	30.00	-8.49
100 MHz	11/2 BPSK	3750.00	0.10	1 / 135	25.33	25.43	0.349	30.00	-4.57
		3840.00	0.10	270 / 0	25.44	25.54	0.358	30.00	-4.46
		3930.00	0.10	270 / 0	25.37	25.47	0.353	30.00	-4.53
	QPSK	3750.00	0.10	1 / 135	25.19	25.29	0.338	30.00	-4.71

7.6.2 Antenna 1 – EIRP

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3455.01	-0.70	24 / 0	25.45	24.75	0.299	30.00	-5.25
		3500.01	-0.70	24 / 0	25.31	24.61	0.289	30.00	-5.39
		3544.98	-0.70	24 / 0	25.45	24.75	0.299	30.00	-5.25
	QPSK	3455.01	-0.70	1 / 1	25.35	24.65	0.292	30.00	-5.35
		3500.01	-0.70	1 / 22	25.32	24.62	0.290	30.00	-5.38
		3544.98	-0.70	1 / 22	25.49	24.79	0.301	30.00	-5.21
	16-QAM	3544.98	-0.70	1 / 1	24.28	23.58	0.228	30.00	-6.42
	64-QAM	3544.98	-0.70	24 / 0	23.58	22.88	0.194	30.00	-7.12
	256-QAM	3544.98	-0.70	24 / 0	21.68	20.98	0.125	30.00	-9.02
	15 MHz	π/2 BPSK	3457.50	-0.70	36 / 0	25.46	24.76	0.300	30.00
3500.01			-0.70	36 / 0	25.39	24.69	0.294	30.00	-5.31
3542.49			-0.70	36 / 0	25.49	24.79	0.301	30.00	-5.21
QPSK		3457.50	-0.70	1 / 1	25.42	24.72	0.297	30.00	-5.28
		3500.01	-0.70	1 / 18	25.39	24.69	0.294	30.00	-5.31
		3542.49	-0.70	1 / 36	25.38	24.68	0.294	30.00	-5.32
16-QAM		3457.50	-0.70	1 / 1	24.35	23.65	0.232	30.00	-6.35
64-QAM		3457.50	-0.70	36 / 0	23.45	22.75	0.188	30.00	-7.25
256-QAM		3457.50	-0.70	36 / 0	21.45	20.75	0.119	30.00	-9.25
20 MHz		π/2 BPSK	3460.02	-0.70	1 / 1	25.44	24.74	0.298	30.00
	3500.01		-0.70	50 / 0	25.27	24.57	0.286	30.00	-5.43
	3540.00		-0.70	50 / 0	25.39	24.69	0.295	30.00	-5.31
	QPSK	3460.02	-0.70	1 / 1	25.31	24.61	0.289	30.00	-5.39
		3500.01	-0.70	1 / 49	25.28	24.58	0.287	30.00	-5.42
		3540.00	-0.70	1 / 49	25.29	24.59	0.288	30.00	-5.41
	16-QAM	3540.00	-0.70	1 / 25	24.37	23.67	0.233	30.00	-6.33
	64-QAM	3540.00	-0.70	50 / 0	23.44	22.74	0.188	30.00	-7.26
	256-QAM	3540.00	-0.70	50 / 0	21.63	20.93	0.124	30.00	-9.07
	25 MHz	π/2 BPSK	3462.51	-0.70	1 / 1	25.38	24.68	0.293	30.00
3500.01			-0.70	64 / 0	25.42	24.72	0.297	30.00	-5.28
3537.48			-0.70	64 / 0	25.48	24.78	0.300	30.00	-5.22
QPSK		3462.51	-0.70	1 / 32	25.38	24.68	0.294	30.00	-5.32
		3500.01	-0.70	1 / 63	25.34	24.64	0.291	30.00	-5.36
		3537.48	-0.70	1 / 63	25.32	24.62	0.290	30.00	-5.38
16-QAM		3500.01	-0.70	1 / 63	24.35	23.65	0.232	30.00	-6.35
64-QAM		3462.51	-0.70	64 / 0	23.55	22.85	0.193	30.00	-7.15
256-QAM		3462.51	-0.70	64 / 0	21.53	20.83	0.121	30.00	-9.17
30 MHz		π/2 BPSK	3465.00	-0.70	75 / 0	25.39	24.69	0.295	30.00
	3500.01		-0.70	75 / 0	25.29	24.59	0.288	30.00	-5.41
	3534.99		-0.70	75 / 0	25.37	24.67	0.293	30.00	-5.33
	QPSK	3465.00	-0.70	1 / 1	25.45	24.75	0.299	30.00	-5.25
		3500.01	-0.70	1 / 76	25.39	24.69	0.294	30.00	-5.31
		3534.99	-0.70	1 / 76	25.49	24.79	0.301	30.00	-5.21
	16-QAM	3465.00	-0.70	1 / 36	24.40	23.70	0.234	30.00	-6.30
	64-QAM	3465.00	-0.70	75 / 0	23.57	22.87	0.193	30.00	-7.13
	256-QAM	3465.00	-0.70	75 / 0	21.53	20.83	0.121	30.00	-9.17
	40 MHz	π/2 BPSK	3470.01	-0.70	1 / 1	25.45	24.75	0.298	30.00
3500.01			-0.70	100 / 0	25.37	24.67	0.293	30.00	-5.33
3529.98			-0.70	100 / 0	25.48	24.78	0.301	30.00	-5.22
QPSK		3470.01	-0.70	1 / 1	25.47	24.77	0.300	30.00	-5.23
		3500.01	-0.70	1 / 104	25.41	24.71	0.296	30.00	-5.29
		3529.98	-0.70	1 / 104	25.50	24.80	0.302	30.00	-5.20
16-QAM		3470.01	-0.70	1 / 1	24.33	23.63	0.231	30.00	-6.37
64-QAM		3529.98	-0.70	100 / 0	23.44	22.74	0.188	30.00	-7.26
256-QAM		3529.98	-0.70	100 / 0	21.41	20.71	0.118	30.00	-9.29
50 MHz		π/2 BPSK	3475.02	-0.70	128 / 0	25.35	24.65	0.292	30.00
	3500.01		-0.70	128 / 0	25.24	24.54	0.285	30.00	-5.46
	3525.00		-0.70	128 / 0	25.50	24.80	0.302	30.00	-5.20
	QPSK	3475.02	-0.70	1 / 64	25.29	24.59	0.288	30.00	-5.41
		3500.01	-0.70	1 / 131	25.25	24.55	0.285	30.00	-5.45
		3525.00	-0.70	1 / 64	25.31	24.61	0.289	30.00	-5.39
	16-QAM	3475.02	-0.70	1 / 1	24.20	23.50	0.224	30.00	-6.50
	64-QAM	3525.00	-0.70	128 / 0	23.60	22.90	0.195	30.00	-7.10
	256-QAM	3525.00	-0.70	128 / 0	21.57	20.87	0.122	30.00	-9.13
	60 MHz	π/2 BPSK	3480.00	-0.70	162 / 0	25.32	24.62	0.290	30.00
3500.01			-0.70	162 / 0	25.36	24.66	0.292	30.00	-5.34
3519.99			-0.70	162 / 0	25.37	24.67	0.293	30.00	-5.33
QPSK		3480.00	-0.70	1 / 1	25.43	24.73	0.297	30.00	-5.27
		3500.01	-0.70	1 / 160	25.41	24.71	0.295	30.00	-5.29
		3519.99	-0.70	1 / 160	25.32	24.62	0.290	30.00	-5.38
16-QAM		3480.00	-0.70	1 / 160	24.29	23.59	0.228	30.00	-6.41
64-QAM		3519.99	-0.70	162 / 0	23.35	22.65	0.184	30.00	-7.35
256-QAM		3519.99	-0.70	162 / 0	21.37	20.67	0.117	30.00	-9.33
70 MHz		π/2 BPSK	3485.01	-0.70	180 / 0	25.20	24.50	0.282	30.00
	3500.01		-0.70	180 / 0	25.14	24.44	0.278	30.00	-5.56
	3514.98		-0.70	1 / 187	25.39	24.69	0.294	30.00	-5.31
	QPSK	3485.01	-0.70	1 / 1	25.30	24.60	0.289	30.00	-5.40
		3500.01	-0.70	1 / 1	25.20	24.50	0.282	30.00	-5.50
		3514.98	-0.70	1 / 90	25.18	24.48	0.280	30.00	-5.52
	16-QAM	3485.01	-0.70	1 / 187	24.17	23.47	0.222	30.00	-6.53
	64-QAM	3514.98	-0.70	180 / 0	23.35	22.65	0.184	30.00	-7.35
	256-QAM	3514.98	-0.70	180 / 0	21.32	20.62	0.115	30.00	-9.38
	80 MHz	π/2 BPSK	3490.02	-0.70	1 / 1	25.32	24.62	0.290	30.00
3500.01			-0.70	216 / 0	25.31	24.61	0.289	30.00	-5.39
3510.00			-0.70	216 / 0	25.40	24.70	0.295	30.00	-5.30
QPSK		3490.02	-0.70	1 / 215	25.48	24.78	0.300	30.00	-5.22
		3500.01	-0.70	1 / 215	25.39	24.69	0.294	30.00	-5.31
		3510.00	-0.70	1 / 215	25.42	24.72	0.297	30.00	-5.28
16-QAM		3510.00	-0.70	1 / 215	24.26	23.56	0.227	30.00	-6.44
64-QAM		3510.00	-0.70	216 / 0	23.42	22.72	0.187	30.00	-7.28
256-QAM		3510.00	-0.70	216 / 0	21.40	20.70	0.118	30.00	-9.30
90 MHz		π/2 BPSK	3495.00	-0.70	1 / 1	25.25	24.55	0.285	30.00
	3500.01		-0.70	243 / 0	25.27	24.57	0.287	30.00	-5.43
	3504.99		-0.70	243 / 0	25.26	24.56	0.286	30.00	-5.44
	QPSK	3495.00	-0.70	1 / 1	25.36	24.66	0.293	30.00	-5.34
		3500.01	-0.70	1 / 1	25.19	24.49	0.281	30.00	-5.51
		3504.99	-0.70	1 / 243	25.38	24.68	0.294	30.00	-5.32
	16-QAM	3500.01	-0.70	1 / 243	24.23	23.53	0.226	30.00	-6.47
	64-QAM	3504.99	-0.70	243 / 0	23.25	22.55	0.180	30.00	-7.45
	256-QAM	3500.01	-0.70	243 / 0	21.34	20.64	0.116	30.00	-9.36
	100 MHz	π/2 BPSK	3500.01	-0.70	270 / 0	25.14	24.44	0.278	30.00
QPSK		3500.01	-0.70	1 / 1	25.20	24.50	0.282	30.00	-5.50
16-QAM		3500.01	-0.70	1 / 135	24.08	23.38	0.218	30.00	-6.62
64-QAM		3500.01	-0.70	270 / 0	23.11	22.41	0.174	30.00	-7.59
256-QAM		3500.01	-0.70	270 / 0	21.12	20.42	0.110	30.00	-9.58

Table 7-6. Antenna 1 EIRP Data (NR Band n77 (PC2) – DoD Band)

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 229 of 257

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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dB]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
10 MHz	π/2 BPSK	3455.01	-0.70	24 / 0	24.65	23.95	0.249	30.00	-6.05	
		3500.01	-0.70	24 / 0	24.45	23.75	0.237	30.00	-6.25	
		3544.98	-0.70	24 / 0	24.53	23.83	0.242	30.00	-6.17	
		3455.01	-0.70	1 / 1	24.65	23.95	0.248	30.00	-6.05	
		3500.01	-0.70	1 / 1	24.43	23.73	0.236	30.00	-6.27	
	QPSK	3544.98	-0.70	1 / 12	24.49	23.79	0.239	30.00	-6.21	
		16-QAM	3455.01	-0.70	1 / 12	23.43	22.73	0.188	30.00	-7.27
		64-QAM	3455.01	-0.70	24 / 0	22.77	22.07	0.161	30.00	-7.93
		256-QAM	3455.01	-0.70	24 / 0	20.80	20.10	0.102	30.00	-9.90
		256-QAM	3457.50	-0.70	36 / 0	24.56	23.86	0.243	30.00	-6.14
15 MHz	π/2 BPSK	3500.01	-0.70	36 / 0	24.58	23.88	0.244	30.00	-6.12	
		3542.49	-0.70	36 / 0	24.50	23.80	0.240	30.00	-6.20	
		3457.50	-0.70	1 / 18	24.59	23.89	0.245	30.00	-6.11	
		3500.01	-0.70	1 / 36	24.39	23.69	0.234	30.00	-6.31	
		3542.49	-0.70	1 / 1	24.45	23.75	0.237	30.00	-6.25	
	QPSK	3457.50	-0.70	1 / 1	23.46	22.76	0.189	30.00	-7.24	
		16-QAM	3457.50	-0.70	36 / 0	22.68	21.98	0.158	30.00	-8.02
		64-QAM	3457.50	-0.70	36 / 0	20.70	20.00	0.100	30.00	-10.00
		256-QAM	3457.50	-0.70	36 / 0	20.70	20.00	0.100	30.00	-10.00
		256-QAM	3460.02	-0.70	50 / 0	24.55	23.85	0.243	30.00	-6.15
20 MHz	π/2 BPSK	3500.01	-0.70	50 / 0	24.39	23.69	0.234	30.00	-6.31	
		3540.00	-0.70	50 / 0	24.46	23.76	0.238	30.00	-6.24	
		3460.02	-0.70	1 / 1	24.57	23.87	0.244	30.00	-6.13	
		3500.01	-0.70	1 / 1	24.43	23.73	0.236	30.00	-6.27	
		3540.00	-0.70	1 / 49	24.44	23.74	0.237	30.00	-6.26	
	QPSK	3500.01	-0.70	1 / 1	23.46	22.76	0.189	30.00	-7.24	
		16-QAM	3460.02	-0.70	50 / 0	22.63	21.93	0.156	30.00	-8.07
		64-QAM	3460.02	-0.70	50 / 0	20.68	19.98	0.099	30.00	-10.02
		256-QAM	3462.51	-0.70	64 / 0	24.59	23.89	0.245	30.00	-6.11
		256-QAM	3500.01	-0.70	64 / 0	24.46	23.76	0.238	30.00	-6.24
25 MHz	π/2 BPSK	3537.48	-0.70	64 / 0	24.53	23.83	0.241	30.00	-6.17	
		3462.51	-0.70	1 / 1	24.82	24.12	0.258	30.00	-5.88	
		3500.01	-0.70	1 / 1	24.33	23.63	0.231	30.00	-6.37	
		3537.48	-0.70	1 / 32	24.43	23.73	0.236	30.00	-6.27	
		3500.01	-0.70	1 / 32	23.34	22.64	0.184	30.00	-7.36	
	QPSK	16-QAM	3462.51	-0.70	64 / 0	22.70	22.00	0.159	30.00	-8.00
		64-QAM	3462.51	-0.70	64 / 0	20.70	20.00	0.100	30.00	-10.00
		256-QAM	3462.51	-0.70	64 / 0	20.70	20.00	0.100	30.00	-10.00
		256-QAM	3465.00	-0.70	75 / 0	24.58	23.88	0.245	30.00	-6.12
		256-QAM	3500.01	-0.70	1 / 1	24.49	23.79	0.240	30.00	-6.21
30 MHz	π/2 BPSK	3534.99	-0.70	75 / 0	24.49	23.79	0.240	30.00	-6.21	
		3465.00	-0.70	1 / 1	24.68	23.98	0.250	30.00	-6.02	
		3500.01	-0.70	1 / 1	24.49	23.79	0.240	30.00	-6.21	
		3534.99	-0.70	1 / 36	24.52	23.82	0.241	30.00	-6.18	
		3465.00	-0.70	1 / 1	23.48	22.78	0.190	30.00	-7.22	
	QPSK	16-QAM	3465.00	-0.70	75 / 0	22.72	22.02	0.159	30.00	-7.98
		64-QAM	3465.00	-0.70	75 / 0	20.68	19.98	0.099	30.00	-10.02
		256-QAM	3470.01	-0.70	1 / 1	24.61	23.91	0.246	30.00	-6.09
		256-QAM	3529.98	-0.70	100 / 0	24.46	23.76	0.238	30.00	-6.24
		256-QAM	3529.98	-0.70	100 / 0	24.50	23.80	0.240	30.00	-6.20
40 MHz	π/2 BPSK	3470.01	-0.70	1 / 1	24.65	23.95	0.248	30.00	-6.05	
		3500.01	-0.70	1 / 104	24.46	23.76	0.237	30.00	-6.24	
		3529.98	-0.70	1 / 104	24.47	23.77	0.238	30.00	-6.23	
		16-QAM	3500.01	-0.70	1 / 1	23.44	22.74	0.188	30.00	-7.26
		64-QAM	3470.01	-0.70	100 / 0	22.57	21.87	0.154	30.00	-8.13
	QPSK	256-QAM	3470.01	-0.70	100 / 0	20.59	19.89	0.097	30.00	-10.11
		256-QAM	3475.02	-0.70	128 / 0	24.66	23.96	0.249	30.00	-6.04
		256-QAM	3500.01	-0.70	128 / 0	24.45	23.75	0.237	30.00	-6.25
		256-QAM	3525.00	-0.70	128 / 0	24.47	23.77	0.238	30.00	-6.23
		256-QAM	3475.02	-0.70	1 / 64	24.51	23.81	0.240	30.00	-6.19
50 MHz	π/2 BPSK	3500.01	-0.70	1 / 64	24.43	23.73	0.236	30.00	-6.27	
		3525.00	-0.70	1 / 64	24.41	23.71	0.235	30.00	-6.29	
		3525.00	-0.70	1 / 64	23.51	22.81	0.191	30.00	-7.19	
		16-QAM	3475.02	-0.70	128 / 0	22.68	21.98	0.158	30.00	-8.02
		64-QAM	3475.02	-0.70	128 / 0	20.65	19.95	0.099	30.00	-10.05
	QPSK	256-QAM	3475.02	-0.70	128 / 0	20.65	19.95	0.099	30.00	-10.05
		256-QAM	3480.00	-0.70	1 / 1	24.52	23.82	0.241	30.00	-6.18
		256-QAM	3500.01	-0.70	162 / 0	24.44	23.74	0.237	30.00	-6.26
		256-QAM	3519.99	-0.70	1 / 160	24.47	23.77	0.238	30.00	-6.23
		256-QAM	3480.00	-0.70	1 / 1	24.50	23.80	0.240	30.00	-6.20
60 MHz	π/2 BPSK	3500.01	-0.70	1 / 160	24.49	23.79	0.239	30.00	-6.21	
		3519.99	-0.70	1 / 160	24.54	23.84	0.242	30.00	-6.16	
		16-QAM	3480.00	-0.70	1 / 1	23.49	22.79	0.190	30.00	-7.21
		64-QAM	3480.00	-0.70	162 / 0	22.49	21.79	0.151	30.00	-8.21
		256-QAM	3480.00	-0.70	162 / 0	20.48	19.78	0.095	30.00	-10.22
	QPSK	256-QAM	3485.01	-0.70	1 / 1	24.43	23.73	0.236	30.00	-6.27
		256-QAM	3500.01	-0.70	1 / 1	24.44	23.74	0.236	30.00	-6.26
		256-QAM	3514.98	-0.70	180 / 0	24.38	23.68	0.234	30.00	-6.32
		16-QAM	3485.01	-0.70	1 / 1	24.59	23.89	0.245	30.00	-6.11
		64-QAM	3500.01	-0.70	1 / 1	24.51	23.81	0.240	30.00	-6.19
70 MHz	π/2 BPSK	3514.98	-0.70	1 / 180	24.40	23.70	0.235	30.00	-6.30	
		16-QAM	3485.01	-0.70	1 / 1	23.38	22.68	0.185	30.00	-7.32
		64-QAM	3500.01	-0.70	180 / 0	22.41	21.71	0.148	30.00	-8.29
		256-QAM	3485.01	-0.70	180 / 0	20.41	19.71	0.093	30.00	-10.29
		256-QAM	3490.02	-0.70	1 / 1	24.45	23.75	0.237	30.00	-6.25
	QPSK	256-QAM	3500.01	-0.70	216 / 0	24.38	23.68	0.233	30.00	-6.32
		256-QAM	3510.00	-0.70	1 / 1	24.32	23.62	0.230	30.00	-6.38
		256-QAM	3490.02	-0.70	1 / 1	24.60	23.90	0.246	30.00	-6.10
		16-QAM	3500.01	-0.70	1 / 1	24.61	23.91	0.246	30.00	-6.09
		64-QAM	3510.00	-0.70	1 / 1	24.36	23.66	0.232	30.00	-6.34
80 MHz	π/2 BPSK	3500.01	-0.70	1 / 108	23.37	22.67	0.185	30.00	-7.33	
		16-QAM	3500.01	-0.70	216 / 0	22.42	21.72	0.149	30.00	-8.28
		64-QAM	3490.02	-0.70	216 / 0	20.45	19.75	0.094	30.00	-10.25
		256-QAM	3495.00	-0.70	1 / 1	24.55	23.85	0.243	30.00	-6.15
		256-QAM	3500.01	-0.70	243 / 0	24.39	23.69	0.234	30.00	-6.31
	QPSK	256-QAM	3504.99	-0.70	243 / 0	24.39	23.69	0.234	30.00	-6.31
		256-QAM	3495.00	-0.70	1 / 1	24.57	23.87	0.244	30.00	-6.13
		16-QAM	3500.01	-0.70	1 / 243	24.48	23.78	0.239	30.00	-6.22
		64-QAM	3504.99	-0.70	1 / 1	24.47	23.77	0.238	30.00	-6.23
		256-QAM	3495.00	-0.70	1 / 1	23.38	22.68	0.185	30.00	-7.32
90 MHz	π/2 BPSK	3500.01	-0.70	243 / 0	22.43	21.73	0.149	30.00	-8.27	
		256-QAM	3495.00	-0.70	243 / 0	20.44	19.74	0.094	30.00	-10.26
		256-QAM	3500.01	-0.70	270 / 0	24.65	23.95	0.250	30.00	-6.02
		16-QAM	3500.01	-0.70	1 / 271	24.77	24.07	0.255	30.00	-5.93
		64-QAM	3500.01	-0.70	1 / 271	23.55	22.85	0.193	30.00	-7.15
	QPSK	256-QAM	3500.01	-0.70	270 / 0	22.79	22.09	0.162	30.00	-7.91
		256-QAM	3500.01	-0.70	270 / 0	20.42	19.72	0.094	30.00	-10.28
		256-QAM	3500.01	-0.70	270 / 0	20.42	19.72	0.094	30.00	-10.28
		256-QAM	3500.01	-0.70	270 / 0	20.42	19.72	0.094	30.00	-10.28
		256-QAM	3500.01	-0.70	270 / 0	20.42	19.72	0.094	30.00	-10.28

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3705.00	0.80	24 / 0	25.03	25.83	0.382	30.00	-4.17
		3840.00	0.80	24 / 0	25.14	25.94	0.393	30.00	-4.06
		3975.00	0.80	24 / 0	25.15	25.95	0.393	30.00	-4.05
	QPSK	3705.00	0.80	1 / 1	25.10	25.90	0.389	30.00	-4.10
		3840.00	0.80	1 / 12	25.11	25.91	0.390	30.00	-4.09
		3975.00	0.80	1 / 1	25.12	25.92	0.391	30.00	-4.08
	16-QAM	3705.00	0.80	1 / 1	24.21	25.01	0.317	30.00	-4.99
		3840.00	0.80	24 / 0	23.48	24.28	0.268	30.00	-5.72
		3975.00	0.80	24 / 0	21.53	22.33	0.171	30.00	-7.67
	256-QAM	3705.00	0.80	36 / 0	25.25	26.05	0.402	30.00	-3.95
15 MHz	π/2 BPSK	3840.00	0.80	36 / 0	25.30	26.10	0.407	30.00	-3.90
		3972.50	0.80	36 / 0	25.29	26.09	0.406	30.00	-3.91
		3707.51	0.80	1 / 1	25.28	26.08	0.405	30.00	-3.92
	QPSK	3840.00	0.80	1 / 18	25.29	26.09	0.406	30.00	-3.91
		3972.50	0.80	1 / 18	25.33	26.13	0.410	30.00	-3.87
		3707.51	0.80	1 / 18	24.28	25.08	0.322	30.00	-4.92
	16-QAM	3840.00	0.80	36 / 0	23.43	24.23	0.265	30.00	-5.77
		3972.50	0.80	36 / 0	21.42	22.22	0.167	30.00	-7.78
		3707.51	0.80	36 / 0	25.31	26.11	0.408	30.00	-3.89
	256-QAM	3840.00	0.80	50 / 0	25.37	26.17	0.414	30.00	-3.83
20 MHz	π/2 BPSK	3969.99	0.80	50 / 0	25.33	26.13	0.410	30.00	-3.87
		3710.01	0.80	1 / 1	25.31	26.11	0.409	30.00	-3.89
		3840.00	0.80	1 / 25	25.23	26.03	0.401	30.00	-3.97
	QPSK	3969.99	0.80	1 / 1	25.30	26.10	0.407	30.00	-3.90
		3840.00	0.80	1 / 1	24.37	25.17	0.329	30.00	-4.83
		3969.99	0.80	50 / 0	23.40	24.20	0.263	30.00	-5.80
	16-QAM	3969.99	0.80	50 / 0	21.43	22.23	0.167	30.00	-7.77
		3712.50	0.80	64 / 0	25.30	26.10	0.407	30.00	-3.90
		3840.00	0.80	64 / 0	25.38	26.18	0.415	30.00	-3.82
	256-QAM	3967.50	0.80	64 / 0	25.43	26.23	0.420	30.00	-3.77
25 MHz	π/2 BPSK	3712.50	0.80	1 / 32	25.20	26.00	0.398	30.00	-4.00
		3840.00	0.80	1 / 32	25.26	26.06	0.404	30.00	-3.94
		3967.50	0.80	1 / 1	25.29	26.09	0.407	30.00	-3.91
	QPSK	3967.50	0.80	1 / 63	24.28	25.08	0.322	30.00	-4.92
		3840.00	0.80	64 / 0	23.55	24.35	0.272	30.00	-5.65
		3967.50	0.80	64 / 0	21.48	22.28	0.169	30.00	-7.72
	16-QAM	3715.02	0.80	75 / 0	25.31	26.11	0.408	30.00	-3.89
		3840.00	0.80	75 / 0	25.30	26.10	0.408	30.00	-3.90
		3964.98	0.80	75 / 0	25.38	26.18	0.415	30.00	-3.82
	256-QAM	3715.02	0.80	1 / 1	25.27	26.07	0.404	30.00	-3.93
30 MHz	π/2 BPSK	3840.00	0.80	1 / 36	25.30	26.10	0.407	30.00	-3.90
		3964.98	0.80	1 / 1	25.42	26.22	0.419	30.00	-3.78
		3715.02	0.80	1 / 76	24.26	25.06	0.320	30.00	-4.94
	QPSK	3840.00	0.80	75 / 0	23.48	24.28	0.268	30.00	-5.72
		3964.98	0.80	75 / 0	21.44	22.24	0.167	30.00	-7.76
		3720.00	0.80	100 / 0	25.27	26.07	0.405	30.00	-3.93
	16-QAM	3840.00	0.80	100 / 0	25.34	26.14	0.411	30.00	-3.86
		3960.00	0.80	100 / 0	25.44	26.24	0.421	30.00	-3.76
		3720.00	0.80	1 / 1	25.25	26.05	0.403	30.00	-3.95
	256-QAM	3840.00	0.80	1 / 104	25.27	26.07	0.404	30.00	-3.93
40 MHz	π/2 BPSK	3960.00	0.80	1 / 1	25.37	26.17	0.414	30.00	-3.83
		3840.00	0.80	1 / 1	24.45	25.25	0.336	30.00	-4.75
		3960.00	0.80	100 / 0	23.46	24.26	0.267	30.00	-5.74
	QPSK	3960.00	0.80	100 / 0	21.49	22.29	0.169	30.00	-7.71
		3725.01	0.80	128 / 0	25.29	26.09	0.406	30.00	-3.91
		3840.00	0.80	128 / 0	25.30	26.10	0.408	30.00	-3.90
		3954.99	0.80	128 / 0	25.47	26.27	0.424	30.00	-3.73
	16-QAM	3725.01	0.80	1 / 64	25.36	26.16	0.413	30.00	-3.84
		3840.00	0.80	1 / 64	25.38	26.18	0.415	30.00	-3.82
		3954.99	0.80	1 / 64	25.47	26.27	0.424	30.00	-3.73
50 MHz	π/2 BPSK	3954.99	0.80	1 / 64	24.28	25.08	0.322	30.00	-4.92
		3840.00	0.80	128 / 0	23.58	24.38	0.274	30.00	-5.62
		3954.99	0.80	128 / 0	21.60	22.40	0.174	30.00	-7.60
	QPSK	3730.02	0.80	1 / 1	25.30	26.10	0.408	30.00	-3.90
		3840.00	0.80	162 / 0	25.36	26.16	0.413	30.00	-3.84
		3949.98	0.80	162 / 0	25.45	26.25	0.422	30.00	-3.75
	16-QAM	3730.02	0.80	1 / 1	25.26	26.06	0.404	30.00	-3.94
		3840.00	0.80	1 / 160	25.28	26.08	0.406	30.00	-3.92
		3949.98	0.80	1 / 160	25.50	26.30	0.426	30.00	-3.70
	256-QAM	3730.02	0.80	1 / 81	24.18	24.98	0.315	30.00	-5.02
60 MHz	π/2 BPSK	3840.00	0.80	162 / 0	23.46	24.26	0.267	30.00	-5.74
		3949.98	0.80	162 / 0	21.43	22.23	0.167	30.00	-7.77
		3735.00	0.80	1 / 1	25.21	26.01	0.399	30.00	-3.99
	QPSK	3840.00	0.80	180 / 0	25.35	26.15	0.412	30.00	-3.85
		3945.00	0.80	180 / 0	25.44	26.24	0.421	30.00	-3.76
		3735.00	0.80	1 / 1	25.29	26.09	0.407	30.00	-3.91
	16-QAM	3840.00	0.80	1 / 187	25.13	25.93	0.391	30.00	-4.07
		3945.00	0.80	1 / 90	25.39	26.19	0.416	30.00	-3.81
		3735.00	0.80	1 / 187	24.28	25.08	0.322	30.00	-4.92
	256-QAM	3840.00	0.80	180 / 0	23.50	24.30	0.269	30.00	-5.70
70 MHz	π/2 BPSK	3945.00	0.80	180 / 0	21.50	22.30	0.170	30.00	-7.70
		3740.01	0.80	1 / 1	25.40	26.20	0.417	30.00	-3.80
		3840.00	0.80	216 / 0	25.35	26.15	0.412	30.00	-3.85
	QPSK	3939.99	0.80	216 / 0	25.44	26.24	0.421	30.00	-3.76
		3740.01	0.80	1 / 1	25.28	26.08	0.406	30.00	-3.92
		3840.00	0.80	1 / 108	25.23	26.03	0.400	30.00	-3.97
	16-QAM	3939.99	0.80	1 / 1	25.48	26.28	0.425	30.00	-3.72
		3840.00	0.80	1 / 108	24.28	25.08	0.322	30.00	-4.92
		3939.99	0.80	216 / 0	23.47	24.27	0.267	30.00	-5.73
	256-QAM	3939.99	0.80	216 / 0	21.50	22.30	0.170	30.00	-7.70
80 MHz	π/2 BPSK	3745.02	0.80	243 / 0	25.19	25.99	0.397	30.00	-4.01
		3840.00	0.80	243 / 0	25.32	26.12	0.410	30.00	-3.88
		3934.98	0.80	243 / 0	25.43	26.23	0.420	30.00	-3.77
	QPSK	3745.02	0.80	1 / 120	25.21	26.01	0.399	30.00	-3.99
		3840.00	0.80	1 / 120	25.28	26.08	0.406	30.00	-3.92
		3934.98	0.80	1 / 1	25.42	26.22	0.419	30.00	-3.78
	16-QAM	3934.98	0.80	1 / 1	24.30	25.10	0.323	30.00	-4.90
		3840.00	0.80	243 / 0	23.47	24.27	0.267	30.00	-5.73
		3934.98	0.80	243 / 0	21.54	22.34	0.172	30.00	-7.66
	256-QAM	3750.00	0.80	270 / 0	25.15	25.95	0.393	30.00	-4.05
100 MHz	π/2 BPSK	3840.00	0.80	270 / 0	25.31	26.11	0.409	30.00	-3.89
		3930.00	0.80	270 / 0	25.43	26.23	0.420	30.00	-3.77
		3750.00	0.80	1 / 135	25.14	25.94	0.393	30.00	-4.06
	QPSK	3840.00	0.80	1 / 135	25.26	26.06	0.404	30.00	-3.94
		3930.00	0.80	1 / 135	25.35	26.15	0.412	30.00	-3.85
		3840.00	0.80	1 / 135	24.10	24.90	0.309	30.00	-5.10
	16-QAM	3930.00	0.80	270 / 0	23.42	24.22	0.264	30.00	-5.78
		3840.00	0.80	270 / 0	21.48	22.28	0.169	30.00	-7.72
		3750.00	0.80	270 / 0	25.15	25.95	0.393	30.00	-4.05

Table 7-8. Antenna 1 EIRP Data (NR Band n77 (PC2) – C Band)

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 231 of 257

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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dB]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
10 MHz	π/2 BPSK	3705.00	0.80	24 / 0	24.52	25.32	0.340	30.00	-4.68	
		3840.00	0.80	24 / 0	24.70	25.50	0.355	30.00	-4.50	
		3975.00	0.80	24 / 0	24.63	25.43	0.349	30.00	-4.57	
		3705.00	0.80	1 / 22	24.46	25.26	0.335	30.00	-4.74	
	3975.00	0.80	1 / 12	24.55	25.35	0.343	30.00	-4.65		
	3840.00	0.80	1 / 22	23.56	24.36	0.273	30.00	-5.64		
	3840.00	0.80	24 / 0	22.80	23.60	0.229	30.00	-6.40		
	256-QAM	3840.00	0.80	24 / 0	20.80	21.60	0.145	30.00	-8.40	
	15 MHz	π/2 BPSK	3707.51	0.80	36 / 0	24.37	25.17	0.329	30.00	-4.83
			3840.00	0.80	36 / 0	24.62	25.42	0.349	30.00	-4.58
3972.50			0.80	36 / 0	24.51	25.31	0.340	30.00	-4.69	
3707.51			0.80	1 / 1	24.44	25.24	0.334	30.00	-4.76	
3972.50		0.80	1 / 36	24.81	25.61	0.364	30.00	-4.39		
3840.00		0.80	1 / 18	23.41	24.21	0.263	30.00	-5.79		
3840.00		0.80	36 / 0	22.67	23.47	0.222	30.00	-6.53		
256-QAM		3840.00	0.80	36 / 0	20.73	21.53	0.142	30.00	-8.47	
20 MHz		π/2 BPSK	3710.01	0.80	50 / 0	24.44	25.24	0.334	30.00	-4.76
			3840.00	0.80	50 / 0	24.66	25.46	0.351	30.00	-4.54
	3969.99		0.80	50 / 0	24.58	25.38	0.345	30.00	-4.62	
	3710.01		0.80	1 / 49	24.49	25.29	0.338	30.00	-4.71	
	3969.99	0.80	1 / 1	24.60	25.40	0.347	30.00	-4.60		
	3840.00	0.80	1 / 1	23.47	24.27	0.267	30.00	-5.73		
	3840.00	0.80	50 / 0	22.70	23.50	0.224	30.00	-6.50		
	256-QAM	3840.00	0.80	50 / 0	20.75	21.55	0.143	30.00	-8.45	
	25 MHz	π/2 BPSK	3712.50	0.80	1 / 63	24.54	25.34	0.342	30.00	-4.66
			3840.00	0.80	64 / 0	24.71	25.51	0.356	30.00	-4.49
3967.50			0.80	64 / 0	24.63	25.43	0.349	30.00	-4.57	
3712.50			0.80	1 / 63	24.43	25.23	0.333	30.00	-4.77	
3967.50		0.80	1 / 1	24.60	25.40	0.347	30.00	-4.60		
3840.00		0.80	1 / 32	23.61	24.41	0.276	30.00	-5.59		
3840.00		0.80	64 / 0	22.80	23.60	0.229	30.00	-6.40		
256-QAM		3840.00	0.80	64 / 0	20.79	21.59	0.144	30.00	-8.41	
30 MHz		π/2 BPSK	3715.02	0.80	1 / 76	24.46	25.26	0.335	30.00	-4.74
			3840.00	0.80	75 / 0	24.65	25.45	0.350	30.00	-4.55
	3964.98		0.80	75 / 0	24.66	25.46	0.352	30.00	-4.54	
	3715.02		0.80	1 / 76	24.54	25.34	0.342	30.00	-4.66	
	3964.98	0.80	1 / 1	24.67	25.47	0.352	30.00	-4.53		
	3840.00	0.80	1 / 1	23.63	24.43	0.277	30.00	-5.57		
	3840.00	0.80	75 / 0	22.71	23.51	0.225	30.00	-6.49		
	256-QAM	3840.00	0.80	75 / 0	20.68	21.48	0.141	30.00	-8.52	
	40 MHz	π/2 BPSK	3720.00	0.80	100 / 0	24.51	25.31	0.340	30.00	-4.69
			3840.00	0.80	100 / 0	24.69	25.49	0.354	30.00	-4.51
3960.00			0.80	100 / 0	24.69	25.49	0.354	30.00	-4.51	
3720.00			0.80	1 / 50	24.45	25.25	0.335	30.00	-4.75	
3960.00		0.80	1 / 1	24.74	25.54	0.358	30.00	-4.46		
3840.00		0.80	1 / 50	23.65	24.45	0.279	30.00	-5.55		
3960.00		0.80	100 / 0	22.74	23.54	0.226	30.00	-6.46		
256-QAM		3840.00	0.80	100 / 0	20.78	21.58	0.144	30.00	-8.42	
50 MHz		π/2 BPSK	3725.01	0.80	128 / 0	24.50	25.30	0.339	30.00	-4.70
			3840.00	0.80	128 / 0	24.69	25.49	0.354	30.00	-4.51
	3954.99		0.80	128 / 0	24.68	25.48	0.353	30.00	-4.52	
	3725.01		0.80	1 / 64	24.52	25.32	0.340	30.00	-4.68	
	3954.99	0.80	1 / 64	24.63	25.43	0.349	30.00	-4.57		
	3954.99	0.80	1 / 64	23.50	24.30	0.269	30.00	-5.70		
	3954.99	0.80	128 / 0	22.76	23.56	0.227	30.00	-6.44		
	256-QAM	3954.99	0.80	128 / 0	20.77	21.57	0.143	30.00	-8.43	
	60 MHz	π/2 BPSK	3730.02	0.80	162 / 0	24.49	25.29	0.338	30.00	-4.71
			3840.00	0.80	162 / 0	24.65	25.45	0.351	30.00	-4.55
3949.98			0.80	1 / 1	24.72	25.52	0.356	30.00	-4.48	
3730.02			0.80	1 / 81	24.48	25.28	0.337	30.00	-4.72	
3949.98		0.80	1 / 81	24.67	25.47	0.352	30.00	-4.53		
3949.98		0.80	1 / 1	23.61	24.41	0.276	30.00	-5.59		
3840.00		0.80	162 / 0	22.63	23.43	0.220	30.00	-6.57		
256-QAM		3840.00	0.80	162 / 0	20.62	21.42	0.139	30.00	-8.58	
70 MHz		π/2 BPSK	3735.00	0.80	1 / 187	24.38	25.18	0.330	30.00	-4.82
			3840.00	0.80	180 / 0	24.63	25.43	0.349	30.00	-4.57
	3945.00		0.80	180 / 0	24.60	25.40	0.347	30.00	-4.60	
	3735.00		0.80	1 / 187	24.51	25.31	0.340	30.00	-4.69	
	3945.00	0.80	1 / 1	24.73	25.53	0.357	30.00	-4.47		
	3945.00	0.80	1 / 90	23.35	24.15	0.260	30.00	-5.85		
	3840.00	0.80	180 / 0	22.65	23.45	0.221	30.00	-6.55		
	256-QAM	3840.00	0.80	180 / 0	20.63	21.43	0.139	30.00	-8.57	
	80 MHz	π/2 BPSK	3740.01	0.80	1 / 215	24.66	25.46	0.351	30.00	-4.54
			3840.00	0.80	216 / 0	24.62	25.42	0.349	30.00	-4.58
3939.99			0.80	216 / 0	24.68	25.48	0.353	30.00	-4.52	
3740.01			0.80	1 / 215	24.59	25.39	0.346	30.00	-4.61	
3939.99		0.80	1 / 1	24.55	25.35	0.343	30.00	-4.65		
3740.01		0.80	1 / 215	23.49	24.29	0.269	30.00	-5.71		
3840.00		0.80	216 / 0	22.67	23.47	0.222	30.00	-6.53		
256-QAM		3840.00	0.80	216 / 0	20.64	21.44	0.139	30.00	-8.56	
90 MHz		π/2 BPSK	3745.02	0.80	243 / 0	24.46	25.26	0.335	30.00	-4.74
			3840.00	0.80	243 / 0	24.64	25.44	0.350	30.00	-4.56
	3934.98		0.80	243 / 0	24.57	25.37	0.344	30.00	-4.63	
	3745.02		0.80	1 / 243	24.44	25.24	0.334	30.00	-4.76	
	3934.98	0.80	1 / 120	24.59	25.39	0.346	30.00	-4.61		
	3840.00	0.80	1 / 243	23.44	24.24	0.265	30.00	-5.76		
	3840.00	0.80	243 / 0	22.58	23.38	0.218	30.00	-6.62		
	256-QAM	3934.98	0.80	243 / 0	20.61	21.41	0.138	30.00	-8.59	
	100 MHz	π/2 BPSK	3750.00	0.80	1 / 135	24.53	25.33	0.342	30.00	-4.67
			3840.00	0.80	270 / 0	24.64	25.44	0.350	30.00	-4.56
3930.00			0.80	270 / 0	24.57	25.37	0.345	30.00	-4.63	
3750.00			0.80	1 / 135	24.39	25.19	0.330	30.00	-4.81	
3930.00		0.80	1 / 1	24.42	25.22	0.333	30.00	-4.78		
3840.00		0.80	1 / 135	23.48	24.28	0.268	30.00	-5.72		
3930.00		0.80	270 / 0	22.46	23.26	0.222	30.00	-6.54		
256-QAM		3930.00	0.80	270 / 0	20.66	21.46	0.140	30.00	-8.54	

7.6.3 Antenna 4b – EIRP

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	n/2 BPSK	3455.01	0.50	24 / 0	26.68	27.18	0.522	30.00	-2.82
		3500.01	0.50	24 / 0	26.65	27.15	0.518	30.00	-2.85
		3544.98	0.50	24 / 0	26.69	27.19	0.524	30.00	-2.81
	QPSK	3455.01	0.50	1 / 1	26.63	27.13	0.517	30.00	-2.87
		3500.01	0.50	1 / 22	26.57	27.07	0.510	30.00	-2.93
		3544.98	0.50	1 / 1	26.60	27.10	0.512	30.00	-2.90
	16-QAM	3455.01	0.50	1 / 12	25.39	25.89	0.388	30.00	-4.11
		3455.01	0.50	24 / 0	24.69	25.19	0.331	30.00	-4.81
		256-QAM	3455.01	0.50	24 / 0	22.73	23.23	0.211	30.00
	15 MHz	n/2 BPSK	3457.50	0.50	36 / 0	26.53	27.03	0.504	30.00
3500.01			0.50	1 / 1	26.53	27.03	0.505	30.00	-2.97
3542.49			0.50	1 / 18	26.55	27.05	0.508	30.00	-2.95
QPSK		3457.50	0.50	1 / 1	26.58	27.08	0.511	30.00	-2.92
		3500.01	0.50	1 / 36	26.52	27.02	0.503	30.00	-2.98
		3542.49	0.50	1 / 1	26.52	27.02	0.503	30.00	-2.98
16-QAM		3457.50	0.50	1 / 36	25.61	26.11	0.408	30.00	-3.88
		3457.50	0.50	36 / 0	24.76	25.26	0.335	30.00	-4.74
		256-QAM	3457.50	0.50	36 / 0	22.67	23.17	0.207	30.00
20 MHz		n/2 BPSK	3460.02	0.50	50 / 0	26.59	27.09	0.512	30.00
	3500.01		0.50	50 / 0	26.54	27.04	0.506	30.00	-2.96
	3540.00		0.50	50 / 0	26.55	27.05	0.507	30.00	-2.95
	QPSK	3460.02	0.50	1 / 49	26.54	27.04	0.505	30.00	-2.96
		3500.01	0.50	1 / 1	26.53	27.03	0.504	30.00	-2.97
		3540.00	0.50	1 / 1	26.51	27.01	0.502	30.00	-2.99
	16-QAM	3460.02	0.50	1 / 49	25.52	26.02	0.400	30.00	-3.98
		3460.02	0.50	50 / 0	24.60	25.10	0.323	30.00	-4.90
		256-QAM	3460.02	0.50	50 / 0	22.71	23.21	0.209	30.00
	25 MHz	n/2 BPSK	3462.51	0.50	64 / 0	26.68	27.18	0.522	30.00
3500.01			0.50	64 / 0	26.64	27.14	0.518	30.00	-2.86
3537.48			0.50	64 / 0	26.72	27.22	0.527	30.00	-2.78
QPSK		3462.51	0.50	1 / 63	26.66	27.16	0.520	30.00	-2.84
		3500.01	0.50	1 / 1	26.58	27.08	0.510	30.00	-2.92
		3537.48	0.50	1 / 32	26.61	27.11	0.514	30.00	-2.89
16-QAM		3462.51	0.50	1 / 32	25.57	26.07	0.405	30.00	-3.93
		3462.51	0.50	64 / 0	24.74	25.24	0.334	30.00	-4.76
		256-QAM	3537.48	0.50	64 / 0	22.70	23.20	0.209	30.00
30 MHz		n/2 BPSK	3465.00	0.50	1 / 1	26.67	27.17	0.521	30.00
	3500.01		0.50	1 / 1	26.58	27.08	0.510	30.00	-2.92
	3534.99		0.50	75 / 0	26.51	27.01	0.502	30.00	-2.99
	QPSK	3465.00	0.50	1 / 1	26.54	27.04	0.505	30.00	-2.96
		3500.01	0.50	1 / 1	26.52	27.02	0.504	30.00	-2.98
		3534.99	0.50	1 / 76	26.53	27.03	0.504	30.00	-2.97
	16-QAM	3465.00	0.50	1 / 76	25.62	26.12	0.409	30.00	-3.88
		3465.00	0.50	75 / 0	24.65	25.15	0.327	30.00	-4.85
		256-QAM	3534.99	0.50	75 / 0	22.73	23.23	0.210	30.00
	40 MHz	n/2 BPSK	3470.01	0.50	100 / 0	26.70	27.20	0.525	30.00
3500.01			0.50	100 / 0	26.65	27.15	0.519	30.00	-2.85
3529.98			0.50	100 / 0	26.57	27.07	0.510	30.00	-2.93
QPSK		3470.01	0.50	1 / 1	26.56	27.06	0.508	30.00	-2.94
		3500.01	0.50	1 / 1	26.52	27.02	0.503	30.00	-2.98
		3529.98	0.50	1 / 1	26.51	27.01	0.503	30.00	-2.99
16-QAM		3500.01	0.50	1 / 1	25.52	26.02	0.400	30.00	-3.98
		3470.01	0.50	100 / 0	24.62	25.12	0.325	30.00	-4.88
		256-QAM	3470.01	0.50	100 / 0	22.61	23.11	0.205	30.00
50 MHz		n/2 BPSK	3475.02	0.50	128 / 0	26.65	27.15	0.518	30.00
	3500.01		0.50	128 / 0	26.61	27.11	0.514	30.00	-2.89
	3525.00		0.50	128 / 0	26.67	27.17	0.521	30.00	-2.83
	QPSK	3475.02	0.50	1 / 64	26.56	27.06	0.508	30.00	-2.94
		3500.01	0.50	1 / 64	26.47	26.97	0.497	30.00	-3.03
		3525.00	0.50	1 / 64	26.46	26.96	0.496	30.00	-3.04
	16-QAM	3475.02	0.50	1 / 64	25.59	26.09	0.406	30.00	-3.91
		3475.02	0.50	128 / 0	24.80	25.30	0.339	30.00	-4.70
		256-QAM	3475.02	0.50	128 / 0	22.71	23.21	0.209	30.00
	60 MHz	n/2 BPSK	3480.00	0.50	162 / 0	26.46	26.96	0.497	30.00
3500.01			0.50	1 / 81	26.44	26.94	0.494	30.00	-3.06
3519.99			0.50	162 / 0	26.39	26.89	0.489	30.00	-3.11
QPSK		3480.00	0.50	1 / 81	26.63	27.13	0.516	30.00	-2.87
		3500.01	0.50	1 / 1	26.57	27.07	0.509	30.00	-2.93
		3519.99	0.50	1 / 1	26.44	26.94	0.494	30.00	-3.06
16-QAM		3480.00	0.50	1 / 1	25.45	25.95	0.394	30.00	-4.05
		3480.00	0.50	162 / 0	24.52	25.02	0.318	30.00	-4.98
		256-QAM	3480.00	0.50	162 / 0	22.64	23.14	0.206	30.00
70 MHz		n/2 BPSK	3485.01	0.50	180 / 0	26.60	27.10	0.512	30.00
	3500.01		0.50	180 / 0	26.52	27.02	0.503	30.00	-2.98
	3514.98		0.50	180 / 0	26.57	27.07	0.509	30.00	-2.93
	QPSK	3485.01	0.50	1 / 1	26.48	26.98	0.499	30.00	-3.02
		3500.01	0.50	1 / 187	26.40	26.90	0.489	30.00	-3.10
		3514.98	0.50	1 / 90	26.39	26.89	0.489	30.00	-3.11
	16-QAM	3485.01	0.50	1 / 1	25.31	25.81	0.381	30.00	-4.19
		3485.01	0.50	180 / 0	24.49	24.99	0.316	30.00	-5.01
		256-QAM	3485.01	0.50	180 / 0	22.53	23.03	0.201	30.00
	80 MHz	n/2 BPSK	3490.02	0.50	216 / 0	26.50	27.00	0.502	30.00
3500.01			0.50	216 / 0	26.46	26.96	0.496	30.00	-3.04
3510.00			0.50	216 / 0	26.43	26.93	0.493	30.00	-3.07
QPSK		3490.02	0.50	1 / 1	26.56	27.06	0.508	30.00	-2.94
		3500.01	0.50	1 / 1	26.54	27.04	0.506	30.00	-2.96
		3510.00	0.50	1 / 1	26.50	27.00	0.501	30.00	-3.00
16-QAM		3490.02	0.50	1 / 215	25.45	25.95	0.394	30.00	-4.05
		3490.02	0.50	216 / 0	24.66	25.16	0.328	30.00	-4.84
		256-QAM	3510.00	0.50	216 / 0	22.60	23.10	0.204	30.00
90 MHz		n/2 BPSK	3495.00	0.50	243 / 0	26.54	27.04	0.506	30.00
	3500.01		0.50	243 / 0	26.50	27.00	0.501	30.00	-3.00
	3504.99		0.50	243 / 0	26.53	27.03	0.504	30.00	-2.97
	QPSK	3495.00	0.50	1 / 1	26.50	27.00	0.501	30.00	-3.00
		3500.01	0.50	1 / 1	26.40	26.90	0.490	30.00	-3.10
		3504.99	0.50	1 / 1	26.48	26.98	0.498	30.00	-3.02
	16-QAM	3495.00	0.50	1 / 243	25.34	25.84	0.384	30.00	-4.16
		3504.99	0.50	243 / 0	24.46	24.96	0.313	30.00	-5.04
		256-QAM	3504.99	0.50	243 / 0	22.51	23.01	0.200	30.00
	100 MHz	n/2 BPSK	3500.01	0.50	270 / 0	26.53	27.03	0.505	30.00
3500.01			0.50	1 / 1	26.52	27.02	0.504	30.00	-2.98
QPSK		3500.01	0.50	1 / 271	25.70	26.20	0.417	30.00	-3.80
		3500.01	0.50	270 / 0	24.69	25.19	0.330	30.00	-4.81
256-QAM	3500.01	0.50	270 / 0	22.53	23.03	0.201	30.00	-6.97	

Table 7-10. Antenna 4b EIRP Data (NR Band n77 (PC2) – DoD Band)

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 233 of 257

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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]
10 MHz	π/2 BPSK	3455.01	0.50	24 / 0	25.35	25.85	0.384	30.00	-4.15
		3500.01	0.50	24 / 0	25.26	25.76	0.377	30.00	-4.24
		3544.98	0.50	24 / 0	25.29	25.79	0.379	30.00	-4.21
	QPSK	3455.01	0.50	1 / 1	25.31	25.81	0.381	30.00	-4.19
		3500.01	0.50	1 / 22	25.31	25.81	0.381	30.00	-4.19
		3544.98	0.50	1 / 12	25.26	25.76	0.376	30.00	-4.24
	16-QAM	3500.01	0.50	1 / 22	24.18	24.68	0.294	30.00	-5.32
	64-QAM	3455.01	0.50	24 / 0	23.55	24.05	0.254	30.00	-5.95
	256-QAM	3455.01	0.50	24 / 0	21.52	22.02	0.159	30.00	-7.98
	256-QAM	3457.50	0.50	36 / 0	25.28	25.78	0.378	30.00	-4.22
15 MHz	π/2 BPSK	3500.01	0.50	36 / 0	25.25	25.75	0.378	30.00	-4.25
		3542.49	0.50	36 / 0	25.26	25.76	0.377	30.00	-4.24
		3547.50	0.50	1 / 1	25.30	25.80	0.380	30.00	-4.20
	QPSK	3500.01	0.50	1 / 1	25.22	25.72	0.373	30.00	-4.28
		3542.49	0.50	1 / 1	25.26	25.76	0.377	30.00	-4.24
		3547.50	0.50	1 / 1	24.17	24.67	0.293	30.00	-5.33
	16-QAM	3457.50	0.50	36 / 0	23.28	23.78	0.239	30.00	-6.22
	64-QAM	3457.50	0.50	36 / 0	21.40	21.90	0.155	30.00	-8.10
	256-QAM	3457.50	0.50	36 / 0	21.40	21.90	0.155	30.00	-8.10
	256-QAM	3460.02	0.50	50 / 0	25.30	25.80	0.380	30.00	-4.20
20 MHz	π/2 BPSK	3500.01	0.50	50 / 0	25.27	25.77	0.378	30.00	-4.23
		3540.00	0.50	50 / 0	25.35	25.85	0.384	30.00	-4.15
		3460.02	0.50	1 / 1	25.39	25.89	0.388	30.00	-4.11
	QPSK	3500.01	0.50	1 / 1	25.35	25.85	0.385	30.00	-4.15
		3540.00	0.50	1 / 1	25.36	25.86	0.386	30.00	-4.14
		3540.00	0.50	1 / 49	24.27	24.77	0.300	30.00	-5.23
	16-QAM	3540.00	0.50	50 / 0	23.33	23.83	0.242	30.00	-6.17
	64-QAM	3540.00	0.50	50 / 0	21.39	21.89	0.154	30.00	-8.11
	256-QAM	3462.51	0.50	64 / 0	25.29	25.79	0.379	30.00	-4.21
	256-QAM	3500.01	0.50	64 / 0	25.25	25.75	0.378	30.00	-4.25
	256-QAM	3537.48	0.50	64 / 0	25.34	25.84	0.384	30.00	-4.16
25 MHz	π/2 BPSK	3462.51	0.50	1 / 63	25.14	25.64	0.367	30.00	-4.36
		3500.01	0.50	1 / 32	25.12	25.62	0.364	30.00	-4.38
		3537.48	0.50	1 / 32	25.18	25.68	0.370	30.00	-4.32
	QPSK	3537.48	0.50	1 / 63	24.12	24.62	0.290	30.00	-5.38
		3537.48	0.50	64 / 0	23.41	23.91	0.246	30.00	-6.09
		3537.48	0.50	64 / 0	21.48	21.98	0.158	30.00	-8.02
	16-QAM	3465.00	0.50	75 / 0	25.35	25.85	0.385	30.00	-4.15
	64-QAM	3500.01	0.50	75 / 0	25.33	25.83	0.383	30.00	-4.17
	256-QAM	3534.99	0.50	75 / 0	25.42	25.92	0.391	30.00	-4.08
	256-QAM	3465.00	0.50	1 / 1	25.40	25.90	0.389	30.00	-4.10
30 MHz	π/2 BPSK	3500.01	0.50	1 / 1	25.37	25.87	0.387	30.00	-4.13
		3534.99	0.50	1 / 36	25.31	25.81	0.381	30.00	-4.19
		3465.00	0.50	1 / 1	24.41	24.91	0.310	30.00	-5.09
	QPSK	3534.99	0.50	75 / 0	23.36	23.86	0.243	30.00	-6.14
		3534.99	0.50	75 / 0	21.38	21.88	0.154	30.00	-8.12
		3470.01	0.50	100 / 0	25.34	25.84	0.394	30.00	-4.16
	π/2 BPSK	3500.01	0.50	100 / 0	25.26	25.76	0.378	30.00	-4.24
		3529.98	0.50	100 / 0	25.25	25.75	0.378	30.00	-4.25
		3470.01	0.50	1 / 50	25.27	25.77	0.377	30.00	-4.23
	QPSK	3500.01	0.50	1 / 1	25.23	25.73	0.375	30.00	-4.27
		3529.98	0.50	1 / 1	25.54	26.04	0.402	30.00	-3.96
40 MHz	π/2 BPSK	3529.98	0.50	1 / 104	24.34	24.84	0.305	30.00	-5.16
		3470.01	0.50	100 / 0	23.48	23.98	0.250	30.00	-6.02
		3470.01	0.50	100 / 0	21.44	21.94	0.156	30.00	-8.06
	QPSK	3475.02	0.50	128 / 0	25.34	25.84	0.384	30.00	-4.16
		3500.01	0.50	128 / 0	25.35	25.85	0.384	30.00	-4.15
		3525.00	0.50	128 / 0	25.33	25.83	0.382	30.00	-4.17
	QPSK	3475.02	0.50	1 / 64	25.21	25.71	0.372	30.00	-4.29
		3500.01	0.50	1 / 64	25.10	25.60	0.363	30.00	-4.40
		3525.00	0.50	1 / 64	25.10	25.60	0.363	30.00	-4.40
	16-QAM	3475.02	0.50	1 / 64	24.27	24.77	0.300	30.00	-5.23
	64-QAM	3475.02	0.50	128 / 0	23.38	23.88	0.244	30.00	-6.12
50 MHz	π/2 BPSK	3475.02	0.50	128 / 0	21.47	21.97	0.157	30.00	-8.03
		3480.00	0.50	162 / 0	25.30	25.80	0.380	30.00	-4.20
		3500.01	0.50	162 / 0	25.27	25.77	0.377	30.00	-4.23
	QPSK	3519.99	0.50	162 / 0	25.28	25.78	0.379	30.00	-4.22
		3480.00	0.50	1 / 1	25.35	25.85	0.385	30.00	-4.15
		3500.01	0.50	1 / 81	25.30	25.80	0.380	30.00	-4.20
	QPSK	3519.99	0.50	1 / 81	25.27	25.77	0.377	30.00	-4.23
		3480.00	0.50	1 / 1	24.20	24.70	0.295	30.00	-5.30
		3480.00	0.50	162 / 0	23.29	23.79	0.239	30.00	-6.21
	256-QAM	3480.00	0.50	162 / 0	21.26	21.76	0.150	30.00	-8.24
	256-QAM	3485.01	0.50	180 / 0	25.17	25.67	0.369	30.00	-4.33
60 MHz	π/2 BPSK	3500.01	0.50	180 / 0	25.15	25.65	0.367	30.00	-4.35
		3514.98	0.50	180 / 0	25.14	25.64	0.367	30.00	-4.36
		3485.01	0.50	1 / 1	25.17	25.67	0.369	30.00	-4.33
	QPSK	3500.01	0.50	1 / 187	25.14	25.64	0.366	30.00	-4.36
		3514.98	0.50	1 / 90	25.17	25.67	0.369	30.00	-4.33
		3514.98	0.50	1 / 90	24.03	24.53	0.284	30.00	-5.47
	16-QAM	3485.01	0.50	180 / 0	23.29	23.79	0.239	30.00	-6.21
	64-QAM	3485.01	0.50	180 / 0	21.35	21.85	0.153	30.00	-8.15
	256-QAM	3490.02	0.50	1 / 1	25.18	25.68	0.370	30.00	-4.32
	π/2 BPSK	3500.01	0.50	216 / 0	25.29	25.79	0.380	30.00	-4.21
		3510.00	0.50	216 / 0	25.34	25.84	0.384	30.00	-4.16
70 MHz	π/2 BPSK	3490.02	0.50	1 / 1	25.28	25.78	0.378	30.00	-4.22
		3500.01	0.50	1 / 1	25.16	25.66	0.368	30.00	-4.34
		3510.00	0.50	1 / 1	25.35	25.85	0.385	30.00	-4.15
	QPSK	3490.02	0.50	1 / 1	24.12	24.62	0.290	30.00	-5.38
		3490.02	0.50	216 / 0	23.30	23.80	0.240	30.00	-6.20
		3490.02	0.50	216 / 0	21.27	21.77	0.150	30.00	-8.23
	QPSK	3495.00	0.50	243 / 0	25.24	25.74	0.375	30.00	-4.26
		3500.01	0.50	243 / 0	25.19	25.69	0.370	30.00	-4.31
		3504.99	0.50	243 / 0	25.24	25.74	0.375	30.00	-4.26
	16-QAM	3495.00	0.50	1 / 120	25.24	25.74	0.375	30.00	-4.26
80 MHz	π/2 BPSK	3500.01	0.50	1 / 1	25.17	25.67	0.369	30.00	-4.33
		3504.99	0.50	1 / 1	25.13	25.63	0.366	30.00	-4.37
		3504.99	0.50	1 / 243	24.11	24.61	0.289	30.00	-5.39
	QPSK	3504.99	0.50	243 / 0	23.34	23.84	0.242	30.00	-6.16
		3504.99	0.50	243 / 0	21.32	21.82	0.152	30.00	-8.18
		3500.01	0.50	270 / 0	25.30	25.80	0.380	30.00	-4.20
	QPSK	3500.01	0.50	1 / 1	25.37	25.87	0.385	30.00	-4.13
		3500.01	0.50	1 / 135	24.12	24.62	0.290	30.00	-5.38
		3500.01	0.50	270 / 0	23.29	23.79	0.239	30.00	-6.21
	256-QAM	3500.01	0.50	270 / 0	21.35	21.85	0.153	30.00	-8.15
	256-QAM	3500.01	0.50	270 / 0	21.35	21.85	0.153	30.00	-8.15

Table 7-11. Antenna 4b EIRP Data (NR Band n77 (PC3) – DoD Band)

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 234 of 257

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]	
10 MHz	π/2 BPSK	3705.00	-1.50	24 / 0	26.50	25.00	0.316	30.00	-5.00	
		3840.00	-1.50	24 / 0	26.70	25.20	0.331	30.00	-4.80	
		3975.00	-1.50	24 / 0	26.66	25.16	0.328	30.00	-4.84	
		3705.00	-1.50	1 / 22	26.46	24.96	0.313	30.00	-5.04	
		3840.00	-1.50	1 / 22	26.59	25.09	0.323	30.00	-4.91	
	QPSK	3975.00	-1.50	1 / 12	26.60	25.10	0.323	30.00	-4.90	
		16-QAM	3840.00	-1.50	1 / 12	25.48	23.98	0.250	30.00	-6.02
		64-QAM	3840.00	-1.50	24 / 0	24.80	23.30	0.214	30.00	-6.70
		256-QAM	3840.00	-1.50	24 / 0	22.75	21.25	0.133	30.00	-8.75
		3707.51	-1.50	1 / 36	26.45	24.95	0.313	30.00	-5.05	
15 MHz	π/2 BPSK	3840.00	-1.50	36 / 0	26.58	25.08	0.322	30.00	-4.92	
		3972.50	-1.50	36 / 0	26.51	25.01	0.317	30.00	-4.99	
		3707.51	-1.50	1 / 18	26.41	24.91	0.309	30.00	-5.09	
		3840.00	-1.50	1 / 1	26.62	25.12	0.325	30.00	-4.88	
		3972.50	-1.50	1 / 1	26.54	25.04	0.319	30.00	-4.96	
	QPSK	3707.51	-1.50	1 / 18	25.45	23.95	0.249	30.00	-6.05	
		64-QAM	3840.00	-1.50	36 / 0	24.72	23.22	0.210	30.00	-6.78
		256-QAM	3840.00	-1.50	36 / 0	22.83	21.33	0.136	30.00	-8.67
		3710.01	-1.50	50 / 0	26.56	25.06	0.320	30.00	-4.94	
		3840.00	-1.50	50 / 0	26.74	25.24	0.334	30.00	-4.76	
20 MHz	π/2 BPSK	3969.99	-1.50	50 / 0	26.61	25.11	0.324	30.00	-4.89	
		3710.01	-1.50	1 / 49	26.55	25.05	0.320	30.00	-4.95	
		3840.00	-1.50	1 / 1	26.65	25.15	0.327	30.00	-4.85	
		3969.99	-1.50	1 / 1	26.61	25.11	0.324	30.00	-4.89	
		3840.00	-1.50	1 / 49	25.56	24.06	0.255	30.00	-5.94	
	QPSK	3840.00	-1.50	50 / 0	24.65	23.15	0.206	30.00	-6.85	
		256-QAM	3840.00	-1.50	50 / 0	22.74	21.24	0.133	30.00	-8.76
		3712.50	-1.50	64 / 0	26.57	25.07	0.321	30.00	-4.93	
		π/2 BPSK	3840.00	-1.50	64 / 0	26.66	25.16	0.328	30.00	-4.84
		3967.50	-1.50	64 / 0	26.64	25.14	0.326	30.00	-4.86	
25 MHz	QPSK	3712.50	-1.50	1 / 32	26.40	24.90	0.309	30.00	-5.10	
		3840.00	-1.50	1 / 32	26.59	25.09	0.323	30.00	-4.91	
		3967.50	-1.50	1 / 32	26.53	25.03	0.318	30.00	-4.97	
		3840.00	-1.50	1 / 1	25.60	24.10	0.257	30.00	-5.90	
		64-QAM	3840.00	-1.50	64 / 0	24.81	23.31	0.214	30.00	-6.69
	256-QAM	3840.00	-1.50	64 / 0	22.76	21.26	0.134	30.00	-8.74	
		3715.02	-1.50	75 / 0	26.47	24.97	0.314	30.00	-5.03	
		π/2 BPSK	3840.00	-1.50	75 / 0	26.59	25.09	0.323	30.00	-4.91
		3964.98	-1.50	75 / 0	26.57	25.07	0.322	30.00	-4.93	
		QPSK	3715.02	-1.50	1 / 76	26.52	25.02	0.318	30.00	-4.98
30 MHz	QPSK	3840.00	-1.50	1 / 1	26.62	25.12	0.326	30.00	-4.88	
		3964.98	-1.50	1 / 1	26.60	25.10	0.323	30.00	-4.90	
		16-QAM	3964.98	-1.50	1 / 1	25.65	24.15	0.260	30.00	-5.85
		64-QAM	3840.00	-1.50	75 / 0	24.76	23.26	0.212	30.00	-6.74
		256-QAM	3840.00	-1.50	75 / 0	22.75	21.25	0.133	30.00	-8.75
	π/2 BPSK	3720.00	-1.50	1 / 104	26.64	25.14	0.327	30.00	-4.86	
		3840.00	-1.50	100 / 0	26.73	25.23	0.333	30.00	-4.77	
		3960.00	-1.50	1 / 1	26.75	25.25	0.335	30.00	-4.75	
		QPSK	3720.00	-1.50	1 / 104	26.71	25.21	0.332	30.00	-4.79
		3840.00	-1.50	1 / 1	26.78	25.28	0.338	30.00	-4.72	
40 MHz	QPSK	3960.00	-1.50	1 / 1	26.77	25.27	0.336	30.00	-4.73	
		16-QAM	3960.00	-1.50	1 / 1	25.90	24.40	0.275	30.00	-5.60
		64-QAM	3840.00	-1.50	100 / 0	24.83	23.33	0.215	30.00	-6.67
		256-QAM	3960.00	-1.50	100 / 0	22.76	21.26	0.134	30.00	-8.74
		3725.01	-1.50	128 / 0	26.64	25.14	0.327	30.00	-4.86	
	π/2 BPSK	3840.00	-1.50	128 / 0	26.74	25.24	0.335	30.00	-4.76	
		3954.99	-1.50	128 / 0	26.76	25.26	0.336	30.00	-4.74	
		QPSK	3725.01	-1.50	1 / 64	26.54	25.04	0.319	30.00	-4.96
		3840.00	-1.50	1 / 64	26.71	25.21	0.332	30.00	-4.79	
		3954.99	-1.50	1 / 64	26.71	25.21	0.332	30.00	-4.79	
50 MHz	16-QAM	3840.00	-1.50	1 / 64	25.54	24.04	0.254	30.00	-5.96	
		64-QAM	3840.00	-1.50	128 / 0	24.83	23.33	0.215	30.00	-6.67
		256-QAM	3840.00	-1.50	128 / 0	22.80	21.30	0.135	30.00	-8.70
		π/2 BPSK	3730.02	-1.50	162 / 0	26.68	25.18	0.315	30.00	-5.02
		3840.00	-1.50	162 / 0	26.69	25.19	0.331	30.00	-4.81	
	QPSK	3949.98	-1.50	162 / 0	26.77	25.27	0.336	30.00	-4.73	
		3730.02	-1.50	1 / 160	26.56	25.06	0.321	30.00	-4.94	
		3840.00	-1.50	1 / 81	26.54	25.04	0.319	30.00	-4.96	
		3949.98	-1.50	1 / 81	26.68	25.18	0.330	30.00	-4.82	
		16-QAM	3949.98	-1.50	1 / 81	25.53	24.03	0.253	30.00	-5.97
60 MHz	64-QAM	3949.98	-1.50	162 / 0	24.71	23.21	0.209	30.00	-6.79	
		256-QAM	3949.98	-1.50	162 / 0	22.70	21.20	0.132	30.00	-8.80
		π/2 BPSK	3735.00	-1.50	180 / 0	26.69	25.19	0.330	30.00	-4.81
		3840.00	-1.50	180 / 0	26.80	25.30	0.339	30.00	-4.70	
		3945.00	-1.50	180 / 0	26.87	25.37	0.344	30.00	-4.63	
	QPSK	3735.00	-1.50	1 / 187	26.67	25.17	0.329	30.00	-4.83	
		3840.00	-1.50	1 / 1	26.67	25.17	0.329	30.00	-4.83	
		3945.00	-1.50	1 / 90	26.79	25.29	0.338	30.00	-4.71	
		64-QAM	3840.00	-1.50	1 / 90	25.68	24.18	0.262	30.00	-5.82
		256-QAM	3945.00	-1.50	180 / 0	24.82	23.32	0.215	30.00	-6.68
70 MHz	QPSK	3945.00	-1.50	180 / 0	22.77	21.27	0.134	30.00	-8.73	
		3740.01	-1.50	1 / 215	26.75	25.25	0.335	30.00	-4.75	
		3840.00	-1.50	216 / 0	26.75	25.25	0.335	30.00	-4.75	
		3939.99	-1.50	216 / 0	26.82	25.32	0.340	30.00	-4.68	
		3740.01	-1.50	1 / 215	26.65	25.15	0.327	30.00	-4.85	
	QPSK	3840.00	-1.50	1 / 108	26.75	25.25	0.335	30.00	-4.75	
		3939.99	-1.50	1 / 1	26.77	25.27	0.336	30.00	-4.73	
		16-QAM	3740.01	-1.50	1 / 215	25.76	24.26	0.266	30.00	-5.74
		64-QAM	3939.99	-1.50	216 / 0	24.78	23.28	0.213	30.00	-6.72
		256-QAM	3939.99	-1.50	216 / 0	22.79	21.29	0.135	30.00	-8.71
80 MHz	π/2 BPSK	3745.02	-1.50	1 / 243	26.73	25.23	0.333	30.00	-4.77	
		3840.00	-1.50	243 / 0	26.71	25.21	0.332	30.00	-4.79	
		3934.98	-1.50	243 / 0	26.83	25.33	0.341	30.00	-4.67	
		QPSK	3745.02	-1.50	1 / 243	26.79	25.29	0.338	30.00	-4.71
		3840.00	-1.50	1 / 120	26.76	25.26	0.335	30.00	-4.74	
	QPSK	3934.98	-1.50	1 / 120	26.74	25.24	0.334	30.00	-4.76	
		16-QAM	3934.98	-1.50	1 / 120	25.65	24.15	0.260	30.00	-5.85
		64-QAM	3934.98	-1.50	243 / 0	24.82	23.32	0.215	30.00	-6.68
		256-QAM	3934.98	-1.50	243 / 0	22.78	21.28	0.134	30.00	-8.72
		3750.00	-1.50	1 / 135	26.63	25.13	0.325	30.00	-4.87	
100 MHz	π/2 BPSK	3840.00	-1.50	270 / 0	26.76	25.26	0.336	30.00	-4.74	
		3930.00	-1.50	270 / 0	26.82	25.32	0.340	30.00	-4.68	
		3750.00	-1.50	1 / 135	26.55	25.05	0.320	30.00	-4.95	
		QPSK	3840.00	-1.50	1 / 135	26.39	24.89	0.309	30.00	-5.11
		3930.00	-1.50	1 / 135	26.47	24.97	0.314	30.00	-5.03	
	16-QAM	3930.00	-1.50	1 / 135	25.54	24.04	0.253	30.00	-5.96	
		64-QAM	3930.00	-1.50	270 / 0	24.79	23.29	0.213	30.00	-6.71
		256-QAM	3930.00	-1.50	270 / 0	22.89	21.39	0.138	30.00	-8.61

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3705.00	-1.50	24 / 0	25.31	23.81	0.241	30.00	-6.19
		3840.00	-1.50	24 / 0	25.47	23.97	0.250	30.00	-6.03
		3975.00	-1.50	24 / 0	25.32	23.82	0.241	30.00	-6.18
	QPSK	3705.00	-1.50	1 / 1	25.19	23.69	0.234	30.00	-6.31
		3840.00	-1.50	1 / 1	25.39	23.89	0.245	30.00	-6.11
		3975.00	-1.50	1 / 12	25.32	23.82	0.241	30.00	-6.18
	16-QAM	3840.00	-1.50	1 / 22	24.14	22.64	0.184	30.00	-7.36
		3840.00	-1.50	24 / 0	23.48	21.98	0.158	30.00	-8.02
		3840.00	-1.50	24 / 0	21.50	20.00	0.100	30.00	-10.00
	256-QAM	3707.51	-1.50	36 / 0	25.15	23.65	0.232	30.00	-6.35
15 MHz	π/2 BPSK	3840.00	-1.50	36 / 0	25.24	23.74	0.236	30.00	-6.26
		3972.50	-1.50	36 / 0	25.17	23.67	0.233	30.00	-6.33
		3707.51	-1.50	1 / 36	25.12	23.62	0.230	30.00	-6.38
	QPSK	3840.00	-1.50	1 / 1	25.26	23.76	0.238	30.00	-6.24
		3972.50	-1.50	1 / 18	25.23	23.73	0.236	30.00	-6.27
		3707.51	-1.50	1 / 1	24.28	22.78	0.190	30.00	-7.22
	16-QAM	3840.00	-1.50	36 / 0	23.43	21.93	0.156	30.00	-8.07
		3840.00	-1.50	36 / 0	21.48	19.98	0.099	30.00	-10.02
		3710.01	-1.50	50 / 0	25.23	23.73	0.236	30.00	-6.27
	256-QAM	3840.00	-1.50	50 / 0	25.37	23.87	0.244	30.00	-6.13
20 MHz	π/2 BPSK	3969.99	-1.50	50 / 0	25.26	23.76	0.238	30.00	-6.24
		3710.01	-1.50	1 / 1	25.44	23.94	0.248	30.00	-6.06
		3840.00	-1.50	1 / 1	25.32	23.82	0.241	30.00	-6.18
	QPSK	3969.99	-1.50	1 / 1	25.20	23.70	0.234	30.00	-6.30
		3840.00	-1.50	1 / 25	24.12	22.62	0.183	30.00	-7.38
		3840.00	-1.50	50 / 0	23.37	21.87	0.154	30.00	-8.13
	16-QAM	3840.00	-1.50	50 / 0	21.47	19.97	0.099	30.00	-10.03
		3712.50	-1.50	64 / 0	25.25	23.75	0.237	30.00	-6.25
		3840.00	-1.50	64 / 0	25.38	23.88	0.245	30.00	-6.12
	256-QAM	3967.50	-1.50	64 / 0	25.27	23.77	0.238	30.00	-6.23
25 MHz	π/2 BPSK	3712.50	-1.50	1 / 32	25.11	23.61	0.230	30.00	-6.39
		3840.00	-1.50	1 / 32	25.25	23.75	0.237	30.00	-6.25
		3967.50	-1.50	1 / 1	25.18	23.68	0.233	30.00	-6.32
	QPSK	3840.00	-1.50	1 / 1	24.16	22.66	0.185	30.00	-7.34
		3840.00	-1.50	64 / 0	23.48	21.98	0.158	30.00	-8.02
		3840.00	-1.50	64 / 0	21.49	19.99	0.100	30.00	-10.01
	16-QAM	3715.02	-1.50	75 / 0	25.27	23.77	0.238	30.00	-6.23
		3840.00	-1.50	75 / 0	25.40	23.90	0.245	30.00	-6.10
		3964.98	-1.50	75 / 0	25.28	23.78	0.239	30.00	-6.22
	256-QAM	3715.02	-1.50	1 / 1	25.26	23.76	0.238	30.00	-6.24
30 MHz	π/2 BPSK	3840.00	-1.50	1 / 36	25.32	23.82	0.241	30.00	-6.18
		3964.98	-1.50	1 / 1	25.35	23.85	0.242	30.00	-6.15
		3840.00	-1.50	1 / 76	24.23	22.73	0.187	30.00	-7.27
	QPSK	3840.00	-1.50	75 / 0	23.38	21.88	0.154	30.00	-8.12
		3840.00	-1.50	75 / 0	21.41	19.91	0.098	30.00	-10.09
		3720.00	-1.50	100 / 0	25.20	23.70	0.235	30.00	-6.30
	16-QAM	3840.00	-1.50	100 / 0	25.30	23.80	0.240	30.00	-6.20
		3960.00	-1.50	1 / 1	25.30	23.80	0.240	30.00	-6.20
		3720.00	-1.50	1 / 104	25.18	23.68	0.234	30.00	-6.32
	256-QAM	3840.00	-1.50	1 / 1	25.24	23.74	0.237	30.00	-6.26
40 MHz	π/2 BPSK	3960.00	-1.50	1 / 1	25.31	23.81	0.241	30.00	-6.19
		3840.00	-1.50	1 / 50	24.31	22.81	0.191	30.00	-7.19
		3840.00	-1.50	100 / 0	23.41	21.91	0.155	30.00	-8.09
	QPSK	3960.00	-1.50	100 / 0	21.49	19.99	0.100	30.00	-10.01
		3725.01	-1.50	128 / 0	25.23	23.73	0.236	30.00	-6.27
		3840.00	-1.50	128 / 0	25.46	23.96	0.249	30.00	-6.04
	16-QAM	3964.99	-1.50	128 / 0	25.38	23.88	0.244	30.00	-6.12
		3725.01	-1.50	1 / 64	25.16	23.66	0.232	30.00	-6.34
		3840.00	-1.50	1 / 64	25.34	23.84	0.242	30.00	-6.16
	256-QAM	3964.99	-1.50	1 / 64	25.36	23.86	0.243	30.00	-6.14
50 MHz	π/2 BPSK	3964.99	-1.50	1 / 64	24.15	22.65	0.184	30.00	-7.35
		3840.00	-1.50	128 / 0	23.52	22.02	0.159	30.00	-7.98
		3840.00	-1.50	128 / 0	21.51	20.01	0.100	30.00	-9.99
	QPSK	3730.02	-1.50	1 / 160	25.18	23.68	0.233	30.00	-6.32
		3840.00	-1.50	162 / 0	25.29	23.79	0.239	30.00	-6.21
		3949.98	-1.50	162 / 0	25.34	23.84	0.242	30.00	-6.16
	16-QAM	3730.02	-1.50	1 / 160	25.33	23.83	0.241	30.00	-6.17
		3840.00	-1.50	1 / 81	25.34	23.84	0.242	30.00	-6.16
		3949.98	-1.50	1 / 1	25.35	23.85	0.242	30.00	-6.15
	256-QAM	3840.00	-1.50	1 / 1	24.42	22.92	0.196	30.00	-7.08
60 MHz	π/2 BPSK	3949.98	-1.50	162 / 0	23.39	21.89	0.155	30.00	-8.11
		3840.00	-1.50	162 / 0	21.42	19.92	0.098	30.00	-10.08
		3735.00	-1.50	180 / 0	25.24	23.74	0.236	30.00	-6.26
	QPSK	3840.00	-1.50	180 / 0	25.30	23.80	0.240	30.00	-6.20
		3945.00	-1.50	180 / 0	25.32	23.82	0.241	30.00	-6.18
		3735.00	-1.50	1 / 187	25.22	23.72	0.236	30.00	-6.28
	16-QAM	3840.00	-1.50	1 / 90	25.34	23.84	0.242	30.00	-6.16
		3945.00	-1.50	1 / 1	25.28	23.78	0.239	30.00	-6.22
		3735.00	-1.50	1 / 187	24.11	22.61	0.182	30.00	-7.39
	256-QAM	3945.00	-1.50	180 / 0	23.35	21.85	0.153	30.00	-8.15
70 MHz	π/2 BPSK	3945.00	-1.50	180 / 0	21.33	19.83	0.096	30.00	-10.17
		3740.01	-1.50	216 / 0	25.28	23.78	0.239	30.00	-6.22
		3840.00	-1.50	216 / 0	25.41	23.91	0.246	30.00	-6.09
	QPSK	3939.99	-1.50	216 / 0	25.42	23.92	0.246	30.00	-6.08
		3740.01	-1.50	1 / 215	25.31	23.81	0.241	30.00	-6.19
		3840.00	-1.50	1 / 108	25.25	23.75	0.237	30.00	-6.25
	16-QAM	3939.99	-1.50	1 / 108	25.40	23.90	0.246	30.00	-6.10
		3939.99	-1.50	1 / 1	24.40	22.90	0.195	30.00	-7.10
		3939.99	-1.50	216 / 0	23.42	21.92	0.156	30.00	-8.08
	256-QAM	3939.99	-1.50	216 / 0	21.38	19.88	0.097	30.00	-10.12
80 MHz	π/2 BPSK	3745.02	-1.50	243 / 0	25.24	23.74	0.236	30.00	-6.26
		3840.00	-1.50	243 / 0	25.27	23.77	0.238	30.00	-6.23
		3934.98	-1.50	1 / 120	25.35	23.85	0.243	30.00	-6.15
	QPSK	3745.02	-1.50	1 / 243	25.22	23.72	0.236	30.00	-6.28
		3840.00	-1.50	1 / 1	25.28	23.78	0.239	30.00	-6.22
		3934.98	-1.50	1 / 120	25.27	23.77	0.238	30.00	-6.23
	16-QAM	3934.98	-1.50	1 / 120	24.30	22.80	0.191	30.00	-7.20
		3934.98	-1.50	243 / 0	23.39	21.89	0.154	30.00	-8.11
		3840.00	-1.50	243 / 0	21.39	19.89	0.098	30.00	-10.11
	256-QAM	3750.00	-1.50	1 / 135	25.34	23.84	0.242	30.00	-6.16
100 MHz	π/2 BPSK	3840.00	-1.50	270 / 0	25.31	23.81	0.241	30.00	-6.19
		3930.00	-1.50	270 / 0	25.41	23.91	0.246	30.00	-6.09
		3750.00	-1.50	1 / 135	25.30	23.80	0.240	30.00	-6.20
	QPSK	3840.00	-1.50	1 / 135	25.25	23.75	0.237	30.00	-6.25
		3930.00	-1.50	1 / 135	25.23	23.73	0.236	30.00	-6.27
		3750.00	-1.50	1 / 135	24.00	22.50	0.178	30.00	-7.50
	16-QAM	3930.00	-1.50	270 / 0	23.36	21.86	0.154	30.00	-8.14
		3840.00	-1.50	270 / 0	21.36	19.86	0.097	30.00	-10.14
		3750.00	-1.50	270 / 0	21.36	19.86	0.097	30.00	-10.14

Table 7-13. Antenna 4b EIRP Data (NR Band n77 (PC3) – C Band)

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 236 of 257

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7.6.4 Antenna 2b – EIRP

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	
10 MHz	π/2 BPSK	3455.01	-2.50	24 / 0	25.13	22.63	0.183	30.00	-7.37	
		3500.01	-2.50	24 / 0	25.17	22.67	0.185	30.00	-7.33	
		3544.98	-2.50	24 / 0	25.32	22.82	0.191	30.00	-7.18	
		3455.01	-2.50	1 / 1	25.10	22.60	0.182	30.00	-7.40	
		3500.01	-2.50	1 / 22	25.14	22.64	0.184	30.00	-7.36	
	QPSK	3544.98	-2.50	1 / 1	25.26	22.76	0.189	30.00	-7.24	
		3544.98	-2.50	1 / 22	24.01	21.51	0.142	30.00	-8.49	
		64-QAM	3544.98	-2.50	24 / 0	23.36	20.86	0.122	30.00	-9.14
		256-QAM	3544.98	-2.50	24 / 0	21.35	18.85	0.077	30.00	-11.15
		15 MHz	π/2 BPSK	3457.50	-2.50	36 / 0	25.00	22.50	0.178	30.00
3500.01	-2.50			36 / 0	25.02	22.52	0.179	30.00	-7.48	
3542.49	-2.50			36 / 0	25.19	22.69	0.186	30.00	-7.31	
3457.50	-2.50			1 / 1	24.99	22.49	0.178	30.00	-7.51	
3500.01	-2.50			1 / 36	25.08	22.58	0.181	30.00	-7.42	
QPSK	3542.49		-2.50	1 / 1	25.15	22.65	0.184	30.00	-7.35	
	16-QAM		3542.49	-2.50	1 / 1	24.25	21.75	0.150	30.00	-8.25
	64-QAM		3542.49	-2.50	36 / 0	23.25	20.75	0.119	30.00	-9.25
	256-QAM		3542.49	-2.50	36 / 0	21.26	18.76	0.075	30.00	-11.24
	20 MHz		π/2 BPSK	3460.02	-2.50	1 / 25	25.03	22.53	0.179	30.00
3500.01		-2.50		50 / 0	25.03	22.53	0.179	30.00	-7.47	
3540.00		-2.50		50 / 0	25.23	22.73	0.187	30.00	-7.27	
3460.02		-2.50		1 / 49	25.01	22.51	0.178	30.00	-7.49	
3500.01		-2.50		1 / 49	25.06	22.56	0.180	30.00	-7.44	
QPSK		3540.00	-2.50	1 / 1	25.13	22.63	0.183	30.00	-7.37	
		16-QAM	3540.00	-2.50	1 / 49	24.16	21.66	0.147	30.00	-8.34
		64-QAM	3540.00	-2.50	50 / 0	23.27	20.77	0.119	30.00	-9.23
		256-QAM	3540.00	-2.50	50 / 0	21.28	18.78	0.076	30.00	-11.22
		25 MHz	π/2 BPSK	3462.51	-2.50	64 / 0	25.04	22.54	0.179	30.00
3500.01	-2.50			64 / 0	25.08	22.58	0.181	30.00	-7.42	
3537.48	-2.50			64 / 0	25.25	22.75	0.188	30.00	-7.25	
3462.51	-2.50			1 / 32	24.94	22.44	0.175	30.00	-7.56	
3500.01	-2.50			1 / 32	25.01	22.51	0.178	30.00	-7.49	
QPSK	3537.48		-2.50	1 / 32	25.11	22.61	0.182	30.00	-7.39	
	16-QAM		3500.01	-2.50	1 / 32	24.02	21.52	0.142	30.00	-8.48
	64-QAM		3537.48	-2.50	64 / 0	23.34	20.84	0.121	30.00	-9.16
	256-QAM		3537.48	-2.50	64 / 0	21.30	18.80	0.076	30.00	-11.20
	30 MHz		π/2 BPSK	3465.00	-2.50	75 / 0	25.01	22.51	0.178	30.00
3500.01		-2.50		1 / 76	25.04	22.54	0.179	30.00	-7.46	
3534.99		-2.50		75 / 0	25.21	22.71	0.187	30.00	-7.29	
3465.00		-2.50		1 / 1	25.04	22.54	0.180	30.00	-7.46	
3500.01		-2.50		1 / 76	25.08	22.58	0.181	30.00	-7.42	
QPSK		3534.99	-2.50	1 / 36	25.46	22.96	0.198	30.00	-7.04	
		16-QAM	3500.01	-2.50	1 / 1	24.03	21.53	0.142	30.00	-8.47
		64-QAM	3534.99	-2.50	75 / 0	23.29	20.79	0.120	30.00	-9.21
		256-QAM	3534.99	-2.50	75 / 0	21.22	18.72	0.075	30.00	-11.28
		40 MHz	π/2 BPSK	3470.01	-2.50	100 / 0	25.05	22.55	0.180	30.00
3500.01	-2.50			100 / 0	25.05	22.55	0.180	30.00	-7.45	
3529.98	-2.50			100 / 0	25.17	22.67	0.185	30.00	-7.33	
3470.01	-2.50			1 / 1	25.03	22.53	0.179	30.00	-7.47	
3500.01	-2.50			1 / 104	24.95	22.45	0.176	30.00	-7.55	
QPSK	3529.98		-2.50	1 / 50	25.07	22.57	0.181	30.00	-7.43	
	16-QAM		3529.98	-2.50	1 / 104	24.15	21.65	0.146	30.00	-8.35
	64-QAM		3529.98	-2.50	100 / 0	23.19	20.69	0.117	30.00	-9.31
	256-QAM		3529.98	-2.50	100 / 0	21.18	18.68	0.074	30.00	-11.32
	50 MHz		π/2 BPSK	3475.02	-2.50	128 / 0	25.02	22.52	0.179	30.00
3500.01		-2.50		128 / 0	25.01	22.51	0.178	30.00	-7.49	
3525.00		-2.50		128 / 0	25.22	22.72	0.187	30.00	-7.28	
3475.02		-2.50		1 / 64	24.97	22.47	0.176	30.00	-7.53	
3500.01		-2.50		1 / 64	24.96	22.46	0.176	30.00	-7.54	
QPSK		3525.00	-2.50	1 / 64	25.03	22.53	0.179	30.00	-7.47	
		16-QAM	3475.02	-2.50	1 / 64	23.88	21.38	0.137	30.00	-8.62
		64-QAM	3525.00	-2.50	128 / 0	23.26	20.76	0.119	30.00	-9.24
		256-QAM	3525.00	-2.50	128 / 0	21.22	18.72	0.075	30.00	-11.28
		60 MHz	π/2 BPSK	3480.00	-2.50	162 / 0	24.96	22.46	0.176	30.00
3500.01	-2.50			162 / 0	25.02	22.52	0.179	30.00	-7.48	
3519.99	-2.50			1 / 180	25.04	22.54	0.180	30.00	-7.46	
3480.00	-2.50			1 / 1	24.99	22.49	0.178	30.00	-7.51	
3500.01	-2.50			1 / 160	25.10	22.60	0.182	30.00	-7.40	
QPSK	3519.99		-2.50	1 / 160	25.07	22.57	0.181	30.00	-7.43	
	16-QAM		3500.01	-2.50	1 / 160	24.06	21.56	0.143	30.00	-8.44
	64-QAM		3500.01	-2.50	162 / 0	23.08	20.58	0.114	30.00	-9.42
	256-QAM		3480.00	-2.50	162 / 0	21.05	18.55	0.072	30.00	-11.45
	70 MHz		π/2 BPSK	3485.01	-2.50	180 / 0	24.95	22.45	0.176	30.00
3500.01		-2.50		180 / 0	25.00	22.50	0.178	30.00	-7.50	
3514.98		-2.50		180 / 0	25.03	22.53	0.179	30.00	-7.47	
3485.01		-2.50		1 / 1	24.93	22.43	0.175	30.00	-7.57	
3500.01		-2.50		1 / 187	24.90	22.40	0.177	30.00	-7.51	
QPSK		3514.98	-2.50	1 / 187	25.02	22.52	0.179	30.00	-7.48	
		16-QAM	3514.98	-2.50	1 / 187	23.87	21.37	0.137	30.00	-8.63
		64-QAM	3500.01	-2.50	180 / 0	23.07	20.57	0.114	30.00	-9.43
		256-QAM	3514.98	-2.50	180 / 0	21.07	18.57	0.072	30.00	-11.43
		80 MHz	π/2 BPSK	3490.02	-2.50	1 / 215	25.13	22.63	0.183	30.00
3500.01	-2.50			216 / 0	25.06	22.56	0.180	30.00	-7.44	
3510.00	-2.50			216 / 0	25.10	22.60	0.182	30.00	-7.40	
3490.02	-2.50			1 / 215	25.19	22.69	0.186	30.00	-7.31	
3500.01	-2.50			1 / 215	25.18	22.68	0.186	30.00	-7.32	
QPSK	3510.00		-2.50	1 / 215	25.18	22.68	0.185	30.00	-7.32	
	16-QAM		3490.02	-2.50	1 / 215	23.92	21.42	0.139	30.00	-8.58
	64-QAM		3510.00	-2.50	216 / 0	23.09	20.59	0.115	30.00	-9.41
	256-QAM		3510.00	-2.50	216 / 0	21.11	18.61	0.073	30.00	-11.39
	90 MHz		π/2 BPSK	3495.00	-2.50	243 / 0	25.05	22.55	0.180	30.00
3500.01		-2.50		1 / 120	25.08	22.58	0.181	30.00	-7.42	
3504.99		-2.50		243 / 0	25.14	22.64	0.183	30.00	-7.36	
3495.00		-2.50		1 / 120	25.15	22.65	0.184	30.00	-7.35	
3500.01		-2.50		1 / 243	24.95	22.45	0.176	30.00	-7.55	
QPSK		3504.99	-2.50	1 / 120	25.09	22.59	0.181	30.00	-7.41	
		16-QAM	3504.99	-2.50	1 / 120	24.06	21.56	0.143	30.00	-8.44
		64-QAM	3504.99	-2.50	243 / 0	23.16	20.66	0.116	30.00	-9.34
		256-QAM	3504.99	-2.50	243 / 0	21.18	18.68	0.074	30.00	-11.32
		100 MHz	π/2 BPSK	3500.01	-2.50	270 / 0	25.15	22.65	0.184	30.00
QPSK	3500.01		-2.50	1 / 1	25.24	22.74	0.188	30.00	-7.26	
16-QAM	3500.01		-2.50	1 / 1	24.37	21.87	0.154	30.00	-8.13	
64-QAM	3500.01		-2.50	270 / 0	23.39	20.89	0.123	30.00	-9.11	
256-QAM	3500.01	-2.50	270 / 0	21.28	18.78	0.076	30.00	-11.22		

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3455.01	-2.50	24 / 0	24.64	22.14	0.164	30.00	-7.86
		3500.01	-2.50	24 / 0	24.65	22.15	0.164	30.00	-7.85
		3544.98	-2.50	24 / 0	24.80	22.30	0.170	30.00	-7.70
	QPSK	3455.01	-2.50	1 / 1	24.59	22.09	0.162	30.00	-7.91
		3500.01	-2.50	1 / 22	24.65	22.15	0.164	30.00	-7.85
		3544.98	-2.50	1 / 1	24.73	22.23	0.167	30.00	-7.77
	16-QAM	3544.98	-2.50	1 / 1	23.58	21.08	0.128	30.00	-8.92
	64-QAM	3544.98	-2.50	24 / 0	22.87	20.37	0.109	30.00	-9.63
	256-QAM	3544.98	-2.50	24 / 0	20.89	18.39	0.069	30.00	-11.61
	256-QAM	3457.50	-2.50	1 / 36	24.50	22.00	0.159	30.00	-8.00
15 MHz	π/2 BPSK	3500.01	-2.50	36 / 0	24.53	22.03	0.160	30.00	-7.97
		3542.49	-2.50	36 / 0	24.68	22.18	0.165	30.00	-7.82
		3547.50	-2.50	1 / 1	24.56	22.06	0.161	30.00	-7.94
	QPSK	3500.01	-2.50	1 / 36	24.56	22.06	0.161	30.00	-7.94
		3542.49	-2.50	1 / 1	24.70	22.20	0.166	30.00	-7.80
		3542.49	-2.50	1 / 36	23.49	20.99	0.126	30.00	-9.01
	16-QAM	3542.49	-2.50	36 / 0	22.79	20.29	0.107	30.00	-9.71
	64-QAM	3542.49	-2.50	36 / 0	22.79	20.29	0.107	30.00	-9.71
	256-QAM	3542.49	-2.50	36 / 0	20.82	18.32	0.068	30.00	-11.68
	256-QAM	3460.02	-2.50	50 / 0	24.58	22.08	0.161	30.00	-7.92
20 MHz	π/2 BPSK	3500.01	-2.50	50 / 0	24.62	22.12	0.163	30.00	-7.88
		3540.00	-2.50	50 / 0	24.79	22.29	0.169	30.00	-7.71
		3460.02	-2.50	1 / 25	24.80	22.30	0.170	30.00	-7.70
	QPSK	3500.01	-2.50	1 / 49	24.55	22.05	0.160	30.00	-7.95
		3540.00	-2.50	1 / 49	24.67	22.17	0.165	30.00	-7.83
		3540.00	-2.50	1 / 49	23.63	21.13	0.130	30.00	-8.87
	16-QAM	3540.00	-2.50	50 / 0	22.75	20.25	0.106	30.00	-9.75
	64-QAM	3540.00	-2.50	50 / 0	22.75	20.25	0.106	30.00	-9.75
	256-QAM	3540.00	-2.50	50 / 0	20.83	18.33	0.068	30.00	-11.67
	256-QAM	3462.51	-2.50	64 / 0	24.57	22.07	0.161	30.00	-7.93
25 MHz	π/2 BPSK	3500.01	-2.50	64 / 0	24.63	22.13	0.163	30.00	-7.87
		3537.48	-2.50	64 / 0	24.76	22.26	0.168	30.00	-7.74
		3462.51	-2.50	1 / 63	24.49	21.99	0.158	30.00	-8.01
	QPSK	3500.01	-2.50	1 / 63	24.49	21.99	0.158	30.00	-8.01
		3537.48	-2.50	1 / 32	24.68	22.18	0.165	30.00	-7.82
		3537.48	-2.50	1 / 32	23.53	21.03	0.127	30.00	-8.97
	16-QAM	3537.48	-2.50	64 / 0	22.86	20.36	0.109	30.00	-9.64
	64-QAM	3537.48	-2.50	64 / 0	22.86	20.36	0.109	30.00	-9.64
	256-QAM	3537.48	-2.50	64 / 0	20.83	18.33	0.068	30.00	-11.67
	256-QAM	3465.00	-2.50	75 / 0	24.52	22.02	0.159	30.00	-7.98
30 MHz	π/2 BPSK	3500.01	-2.50	75 / 0	24.57	22.07	0.161	30.00	-7.93
		3534.99	-2.50	75 / 0	24.73	22.23	0.167	30.00	-7.77
		3465.00	-2.50	1 / 76	24.57	22.07	0.161	30.00	-7.93
	QPSK	3500.01	-2.50	1 / 76	24.57	22.07	0.161	30.00	-7.93
		3534.99	-2.50	1 / 36	24.70	22.20	0.166	30.00	-7.80
		3534.99	-2.50	1 / 36	23.73	21.23	0.133	30.00	-8.77
	16-QAM	3534.99	-2.50	75 / 0	22.81	20.31	0.107	30.00	-9.69
	64-QAM	3534.99	-2.50	75 / 0	22.81	20.31	0.107	30.00	-9.69
	256-QAM	3534.99	-2.50	75 / 0	20.75	18.25	0.067	30.00	-11.75
	256-QAM	3470.01	-2.50	100 / 0	24.55	22.05	0.160	30.00	-7.95
40 MHz	π/2 BPSK	3500.01	-2.50	100 / 0	24.57	22.07	0.161	30.00	-7.93
		3529.98	-2.50	100 / 0	24.69	22.19	0.165	30.00	-7.81
		3470.01	-2.50	1 / 11	24.59	22.09	0.162	30.00	-7.91
	QPSK	3500.01	-2.50	1 / 11	24.54	22.04	0.160	30.00	-7.96
		3529.98	-2.50	1 / 50	24.62	22.12	0.163	30.00	-7.88
		3500.01	-2.50	1 / 1	23.48	20.98	0.125	30.00	-9.02
	16-QAM	3529.98	-2.50	100 / 0	22.70	20.20	0.105	30.00	-9.80
	64-QAM	3529.98	-2.50	100 / 0	22.70	20.20	0.105	30.00	-9.80
	256-QAM	3529.98	-2.50	100 / 0	20.72	18.22	0.066	30.00	-11.78
	256-QAM	3475.02	-2.50	128 / 0	24.54	22.04	0.160	30.00	-7.96
50 MHz	π/2 BPSK	3500.01	-2.50	128 / 0	24.58	22.08	0.161	30.00	-7.92
		3525.00	-2.50	128 / 0	24.71	22.21	0.167	30.00	-7.79
		3475.02	-2.50	1 / 64	24.51	22.01	0.159	30.00	-7.99
	QPSK	3500.01	-2.50	1 / 64	24.54	22.04	0.160	30.00	-7.96
		3525.00	-2.50	1 / 64	24.55	22.05	0.160	30.00	-7.95
		3500.01	-2.50	1 / 64	23.53	21.03	0.127	30.00	-8.97
	16-QAM	3525.00	-2.50	128 / 0	22.75	20.25	0.106	30.00	-9.75
	64-QAM	3525.00	-2.50	128 / 0	22.75	20.25	0.106	30.00	-9.75
	256-QAM	3525.00	-2.50	128 / 0	20.70	18.20	0.066	30.00	-11.80
	256-QAM	3480.00	-2.50	162 / 0	24.51	22.01	0.159	30.00	-7.99
60 MHz	π/2 BPSK	3500.01	-2.50	1 / 1	24.56	22.06	0.161	30.00	-7.94
		3519.99	-2.50	162 / 0	24.54	22.04	0.160	30.00	-7.96
		3480.00	-2.50	1 / 160	24.79	22.29	0.169	30.00	-7.71
	QPSK	3500.01	-2.50	1 / 160	24.80	22.30	0.170	30.00	-7.70
		3519.99	-2.50	1 / 160	25.00	22.50	0.178	30.00	-7.50
		3480.00	-2.50	1 / 1	24.08	21.58	0.144	30.00	-8.42
	16-QAM	3500.01	-2.50	162 / 0	23.20	20.70	0.117	30.00	-9.30
	64-QAM	3500.01	-2.50	162 / 0	23.20	20.70	0.117	30.00	-9.30
	256-QAM	3500.01	-2.50	162 / 0	21.19	18.69	0.074	30.00	-11.31
	256-QAM	3485.01	-2.50	180 / 0	24.93	22.43	0.175	30.00	-7.57
70 MHz	π/2 BPSK	3500.01	-2.50	1 / 90	24.97	22.47	0.177	30.00	-7.53
		3514.98	-2.50	180 / 0	24.98	22.48	0.177	30.00	-7.52
		3485.01	-2.50	1 / 1	24.92	22.42	0.174	30.00	-7.58
	QPSK	3500.01	-2.50	1 / 187	25.00	22.50	0.178	30.00	-7.50
		3514.98	-2.50	1 / 90	24.91	22.41	0.174	30.00	-7.59
		3500.01	-2.50	1 / 187	23.91	21.41	0.138	30.00	-8.59
	16-QAM	3500.01	-2.50	180 / 0	23.21	20.71	0.118	30.00	-9.29
	64-QAM	3514.98	-2.50	180 / 0	23.21	20.71	0.118	30.00	-9.29
	256-QAM	3500.01	-2.50	180 / 0	21.21	18.71	0.074	30.00	-11.29
	256-QAM	3490.02	-2.50	1 / 215	24.87	22.37	0.172	30.00	-7.63
80 MHz	π/2 BPSK	3500.01	-2.50	1 / 215	25.00	22.50	0.178	30.00	-7.50
		3510.00	-2.50	216 / 0	24.92	22.42	0.174	30.00	-7.58
		3490.02	-2.50	1 / 215	24.88	22.38	0.173	30.00	-7.62
	QPSK	3500.01	-2.50	1 / 215	24.98	22.48	0.177	30.00	-7.52
		3510.00	-2.50	1 / 108	24.91	22.41	0.174	30.00	-7.59
		3490.02	-2.50	1 / 215	23.85	21.35	0.136	30.00	-8.65
	16-QAM	3510.00	-2.50	216 / 0	23.30	20.80	0.120	30.00	-9.20
	64-QAM	3510.00	-2.50	216 / 0	23.30	20.80	0.120	30.00	-9.20
	256-QAM	3510.00	-2.50	216 / 0	20.05	17.55	0.057	30.00	-12.44
	256-QAM	3495.00	-2.50	243 / 0	24.57	22.07	0.161	30.00	-7.93
90 MHz	π/2 BPSK	3500.01	-2.50	1 / 243	24.57	22.07	0.161	30.00	-7.93
		3504.99	-2.50	243 / 0	24.51	22.01	0.159	30.00	-7.99
		3495.00	-2.50	1 / 243	24.52	22.02	0.159	30.00	-7.98
	QPSK	3500.01	-2.50	1 / 243	24.52	22.02	0.159	30.00	-7.98
		3504.99	-2.50	1 / 243	24.56	22.06	0.161	30.00	-7.94
		3504.99	-2.50	1 / 243	23.25	20.75	0.119	30.00	-9.25
	16-QAM	3504.99	-2.50	243 / 0	22.23	19.73	0.094	30.00	-10.27
	64-QAM	3504.99	-2.50	243 / 0	22.23	19.73	0.094	30.00	-10.27
	256-QAM	3504.99	-2.50	243 / 0	20.28	17.78	0.060	30.00	-12.22
	256-QAM	3500.01	-2.50	1 / 271	24.58	22.08	0.161	30.00	-7.92
100 MHz	π/2 BPSK	3500.01	-2.50	1 / 1	24.60	22.10	0.162	30.00	-7.90
		3500.01	-2.50	1 / 1	23.38	20.88	0.122	30.00	-9.12
		3500.01	-2.50	270 / 0	22.36	19.86	0.097	30.00	-10.14
	256-QAM	3500.01	-2.50	270 / 0	20.32	17.82	0.061	30.00	-12.18

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3705.00	-4.10	24 / 0	24.96	20.86	0.122	30.00	-9.14
		3840.00	-4.10	24 / 0	25.16	21.06	0.128	30.00	-8.94
		3975.00	-4.10	24 / 0	25.20	21.10	0.129	30.00	-8.90
	QPSK	3705.00	-4.10	1 / 1	24.93	20.83	0.121	30.00	-9.17
		3840.00	-4.10	1 / 22	25.19	21.09	0.128	30.00	-8.91
		3975.00	-4.10	1 / 22	25.23	21.13	0.130	30.00	-8.87
	16-QAM	3840.00	-4.10	1 / 22	24.06	19.96	0.099	30.00	-10.04
	64-QAM	3975.00	-4.10	24 / 0	23.37	19.27	0.085	30.00	-10.73
	256-QAM	3975.00	-4.10	24 / 0	21.40	17.30	0.054	30.00	-12.70
	15 MHz	π/2 BPSK	3707.51	-4.10	1 / 36	24.94	20.84	0.121	30.00
3840.00			-4.10	1 / 36	25.34	21.24	0.133	30.00	-8.76
3972.50			-4.10	36 / 0	25.21	21.11	0.129	30.00	-8.89
QPSK		3707.51	-4.10	1 / 1	25.03	20.93	0.124	30.00	-9.07
		3840.00	-4.10	1 / 1	25.20	21.10	0.129	30.00	-8.90
		3972.50	-4.10	1 / 18	25.25	21.15	0.130	30.00	-8.85
16-QAM		3972.50	-4.10	1 / 36	24.20	20.10	0.102	30.00	-9.90
64-QAM		3972.50	-4.10	36 / 0	23.36	19.26	0.084	30.00	-10.74
256-QAM		3972.50	-4.10	36 / 0	21.32	17.22	0.053	30.00	-12.78
20 MHz		π/2 BPSK	3710.01	-4.10	50 / 0	24.93	20.83	0.121	30.00
	3840.00		-4.10	50 / 0	25.11	21.01	0.126	30.00	-8.99
	3969.99		-4.10	50 / 0	25.22	21.12	0.130	30.00	-8.88
	QPSK	3710.01	-4.10	1 / 25	25.34	21.24	0.133	30.00	-8.76
		3840.00	-4.10	1 / 49	25.20	21.10	0.129	30.00	-8.90
		3969.99	-4.10	1 / 49	25.27	21.17	0.131	30.00	-8.83
	16-QAM	3840.00	-4.10	1 / 1	24.31	20.21	0.105	30.00	-9.79
	64-QAM	3969.99	-4.10	50 / 0	23.21	19.11	0.081	30.00	-10.89
	256-QAM	3969.99	-4.10	50 / 0	21.25	17.15	0.052	30.00	-12.85
	25 MHz	π/2 BPSK	3712.50	-4.10	64 / 0	24.92	20.82	0.121	30.00
3840.00			-4.10	64 / 0	25.07	20.97	0.125	30.00	-9.03
3967.50			-4.10	64 / 0	25.19	21.09	0.129	30.00	-8.91
QPSK		3712.50	-4.10	1 / 1	24.82	20.72	0.118	30.00	-9.28
		3840.00	-4.10	1 / 63	24.98	20.88	0.122	30.00	-9.12
		3967.50	-4.10	1 / 63	25.00	20.90	0.123	30.00	-9.10
16-QAM		3840.00	-4.10	1 / 63	24.11	20.01	0.100	30.00	-9.99
64-QAM		3967.50	-4.10	64 / 0	23.34	19.24	0.084	30.00	-10.76
256-QAM		3967.50	-4.10	64 / 0	21.32	17.22	0.053	30.00	-12.78
30 MHz		π/2 BPSK	3715.02	-4.10	75 / 0	24.89	20.79	0.120	30.00
	3840.00		-4.10	75 / 0	25.14	21.04	0.127	30.00	-8.96
	3964.98		-4.10	75 / 0	25.23	21.13	0.130	30.00	-8.87
	QPSK	3715.02	-4.10	1 / 76	24.95	20.85	0.122	30.00	-9.15
		3840.00	-4.10	1 / 76	25.12	21.02	0.126	30.00	-8.98
		3964.98	-4.10	1 / 1	25.12	21.02	0.126	30.00	-8.98
	16-QAM	3964.98	-4.10	1 / 36	24.05	19.95	0.099	30.00	-10.05
	64-QAM	3964.98	-4.10	75 / 0	23.17	19.07	0.081	30.00	-10.93
	256-QAM	3964.98	-4.10	75 / 0	21.17	17.07	0.051	30.00	-12.93
	40 MHz	π/2 BPSK	3720.00	-4.10	1 / 104	24.82	20.72	0.118	30.00
3840.00			-4.10	100 / 0	25.04	20.94	0.124	30.00	-9.06
3960.00			-4.10	1 / 104	25.09	20.99	0.126	30.00	-9.01
QPSK		3720.00	-4.10	1 / 104	24.83	20.73	0.118	30.00	-9.27
		3840.00	-4.10	1 / 104	25.06	20.96	0.125	30.00	-9.04
		3960.00	-4.10	1 / 104	25.11	21.01	0.126	30.00	-8.99
16-QAM		3960.00	-4.10	1 / 1	24.03	19.93	0.098	30.00	-10.07
64-QAM		3960.00	-4.10	100 / 0	23.07	18.97	0.079	30.00	-11.03
256-QAM		3960.00	-4.10	100 / 0	21.10	17.00	0.050	30.00	-13.00
50 MHz		π/2 BPSK	3725.01	-4.10	128 / 0	24.94	20.84	0.121	30.00
	3840.00		-4.10	128 / 0	25.20	21.10	0.129	30.00	-8.90
	3954.98		-4.10	128 / 0	25.18	21.08	0.128	30.00	-8.92
	QPSK	3725.01	-4.10	1 / 64	24.84	20.74	0.119	30.00	-9.26
		3840.00	-4.10	1 / 131	25.11	21.01	0.126	30.00	-8.99
		3954.98	-4.10	1 / 64	25.12	21.02	0.127	30.00	-8.98
	16-QAM	3954.98	-4.10	1 / 64	24.08	19.98	0.100	30.00	-10.02
	64-QAM	3954.98	-4.10	128 / 0	23.28	19.18	0.083	30.00	-10.82
	256-QAM	3954.98	-4.10	128 / 0	21.23	17.13	0.052	30.00	-12.87
	60 MHz	π/2 BPSK	3730.02	-4.10	162 / 0	24.97	20.87	0.122	30.00
3840.00			-4.10	162 / 0	25.11	21.01	0.126	30.00	-8.99
3949.98			-4.10	1 / 1	25.19	21.09	0.129	30.00	-8.91
QPSK		3730.02	-4.10	1 / 160	25.00	20.90	0.123	30.00	-9.10
		3840.00	-4.10	1 / 160	25.14	21.04	0.127	30.00	-8.96
		3949.98	-4.10	1 / 1	25.24	21.14	0.130	30.00	-8.86
16-QAM		3949.98	-4.10	1 / 1	24.03	19.93	0.098	30.00	-10.07
64-QAM		3949.98	-4.10	162 / 0	23.09	18.99	0.079	30.00	-11.01
256-QAM		3949.98	-4.10	162 / 0	21.06	16.96	0.050	30.00	-13.04
70 MHz		π/2 BPSK	3735.00	-4.10	180 / 0	24.95	20.85	0.121	30.00
	3840.00		-4.10	180 / 0	25.06	20.96	0.125	30.00	-9.04
	3945.00		-4.10	180 / 0	25.07	20.97	0.125	30.00	-9.03
	QPSK	3735.00	-4.10	1 / 187	24.99	20.89	0.123	30.00	-9.11
		3840.00	-4.10	1 / 187	24.97	20.87	0.122	30.00	-9.13
		3945.00	-4.10	1 / 1	25.20	21.10	0.129	30.00	-8.90
	16-QAM	3945.00	-4.10	1 / 187	23.88	19.78	0.095	30.00	-10.22
	64-QAM	3840.00	-4.10	180 / 0	23.08	18.98	0.079	30.00	-11.02
	256-QAM	3840.00	-4.10	180 / 0	21.07	16.97	0.050	30.00	-13.03
	80 MHz	π/2 BPSK	3740.01	-4.10	216 / 0	24.96	20.86	0.122	30.00
3840.00			-4.10	216 / 0	25.11	21.01	0.126	30.00	-8.99
3939.99			-4.10	1 / 1	25.13	21.03	0.127	30.00	-8.97
QPSK		3740.01	-4.10	1 / 215	25.11	21.01	0.126	30.00	-8.99
		3840.00	-4.10	1 / 215	25.20	21.10	0.129	30.00	-8.90
		3939.99	-4.10	1 / 1	25.32	21.22	0.133	30.00	-8.78
16-QAM		3939.99	-4.10	1 / 215	24.02	19.92	0.098	30.00	-10.08
64-QAM		3939.99	-4.10	216 / 0	23.13	19.03	0.080	30.00	-10.97
256-QAM		3939.99	-4.10	216 / 0	21.12	17.02	0.050	30.00	-12.98
90 MHz		π/2 BPSK	3745.02	-4.10	243 / 0	24.94	20.84	0.121	30.00
	3840.00		-4.10	243 / 0	25.04	20.94	0.124	30.00	-9.06
	3934.98		-4.10	243 / 0	25.11	21.01	0.126	30.00	-8.99
	QPSK	3745.02	-4.10	1 / 243	24.96	20.86	0.122	30.00	-9.14
		3840.00	-4.10	1 / 1	25.08	20.98	0.125	30.00	-9.02
		3934.98	-4.10	1 / 1	25.24	21.14	0.130	30.00	-8.86
	16-QAM	3934.98	-4.10	1 / 1	24.13	20.03	0.101	30.00	-9.97
	64-QAM	3934.98	-4.10	243 / 0	23.16	19.06	0.081	30.00	-10.94
	256-QAM	3934.98	-4.10	243 / 0	21.19	17.09	0.051	30.00	-12.91
	100 MHz	π/2 BPSK	3750.00	-4.10	270 / 0	25.00	20.90	0.123	30.00
3840.00			-4.10	270 / 0	25.10	21.00	0.126	30.00	-9.00
3930.00			-4.10	270 / 0	25.29	21.19	0.132	30.00	-8.81
QPSK		3750.00	-4.10	1 / 271	25.00	20.90	0.123	30.00	-9.10
		3840.00	-4.10	1 / 135	25.00	20.90	0.123	30.00	-9.10
		3930.00	-4.10	1 / 271	25.17	21.07	0.128	30.00	-8.93
16-QAM		3930.00	-4.10	1 / 271	23.93	19.83	0.096	30.00	-10.17
64-QAM		3930.00	-4.10	270 / 0	23.26	19.16	0.082	30.00	-10.84
256-QAM		3930.00	-4.10	270 / 0	21.27	17.17	0.052	30.00	-12.83

Table 7-16. Antenna 2b EIRP Data (NR Band n77 (PC2) – C Band)

FCC ID: BCGA3358		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170039-11.BCG	Test Dates: 5/9/2025 - 7/7/2025	EUT Type: Tablet Device	Page 239 of 257

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Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3705.00	-4.10	24 / 0	24.46	20.36	0.109	30.00	-9.64
		3840.00	-4.10	24 / 0	24.66	20.56	0.114	30.00	-9.44
		3975.00	-4.10	24 / 0	24.75	20.65	0.116	30.00	-9.35
	QPSK	3705.00	-4.10	1 / 22	24.43	20.33	0.108	30.00	-9.67
		3840.00	-4.10	1 / 22	24.62	20.52	0.113	30.00	-9.48
		3975.00	-4.10	1 / 12	24.66	20.56	0.114	30.00	-9.44
	16-QAM	3975.00	-4.10	1 / 1	23.53	19.43	0.088	30.00	-10.57
	64-QAM	3975.00	-4.10	24 / 0	22.85	18.75	0.075	30.00	-11.25
	256-QAM	3975.00	-4.10	24 / 0	20.85	16.75	0.047	30.00	-13.25
	256-QAM	3975.00	-4.10	24 / 0	20.85	16.75	0.047	30.00	-13.25
15 MHz	π/2 BPSK	3707.51	-4.10	36 / 0	24.35	20.25	0.106	30.00	-9.75
		3840.00	-4.10	36 / 0	24.53	20.43	0.111	30.00	-9.57
		3972.50	-4.10	36 / 0	24.62	20.52	0.113	30.00	-9.48
	QPSK	3707.51	-4.10	1 / 36	24.38	20.28	0.107	30.00	-9.72
		3840.00	-4.10	1 / 36	24.61	20.51	0.113	30.00	-9.49
		3972.50	-4.10	1 / 18	24.62	20.52	0.113	30.00	-9.48
	16-QAM	3972.50	-4.10	1 / 18	23.60	19.50	0.089	30.00	-10.50
	64-QAM	3972.50	-4.10	36 / 0	22.71	18.61	0.073	30.00	-11.39
	256-QAM	3972.50	-4.10	36 / 0	20.74	16.64	0.046	30.00	-13.36
	256-QAM	3972.50	-4.10	36 / 0	20.74	16.64	0.046	30.00	-13.36
20 MHz	π/2 BPSK	3710.01	-4.10	50 / 0	24.35	20.25	0.106	30.00	-9.75
		3840.00	-4.10	50 / 0	24.55	20.45	0.111	30.00	-9.55
		3969.99	-4.10	50 / 0	24.66	20.56	0.114	30.00	-9.44
	QPSK	3710.01	-4.10	1 / 49	24.44	20.34	0.108	30.00	-9.66
		3840.00	-4.10	1 / 49	24.65	20.55	0.113	30.00	-9.45
		3969.99	-4.10	1 / 25	24.69	20.59	0.114	30.00	-9.41
	16-QAM	3969.99	-4.10	1 / 49	23.64	19.54	0.090	30.00	-10.46
	64-QAM	3969.99	-4.10	50 / 0	22.71	18.61	0.073	30.00	-11.39
	256-QAM	3969.99	-4.10	50 / 0	20.85	16.75	0.047	30.00	-13.25
	256-QAM	3969.99	-4.10	50 / 0	20.85	16.75	0.047	30.00	-13.25
25 MHz	π/2 BPSK	3712.50	-4.10	64 / 0	24.55	20.45	0.111	30.00	-9.55
		3840.00	-4.10	64 / 0	24.68	20.58	0.114	30.00	-9.42
		3967.50	-4.10	64 / 0	24.79	20.69	0.117	30.00	-9.31
	QPSK	3712.50	-4.10	1 / 32	24.41	20.31	0.107	30.00	-9.69
		3840.00	-4.10	1 / 63	24.65	20.55	0.113	30.00	-9.45
		3967.50	-4.10	1 / 32	24.65	20.55	0.114	30.00	-9.45
	16-QAM	3840.00	-4.10	1 / 63	23.71	19.61	0.092	30.00	-10.39
	64-QAM	3967.50	-4.10	64 / 0	22.86	18.76	0.075	30.00	-11.24
	256-QAM	3967.50	-4.10	64 / 0	20.86	16.76	0.047	30.00	-13.24
	256-QAM	3967.50	-4.10	64 / 0	20.86	16.76	0.047	30.00	-13.24
30 MHz	π/2 BPSK	3715.02	-4.10	75 / 0	24.53	20.43	0.110	30.00	-9.57
		3840.00	-4.10	1 / 76	24.72	20.62	0.115	30.00	-9.38
		3964.98	-4.10	75 / 0	24.69	20.59	0.114	30.00	-9.41
	QPSK	3715.02	-4.10	1 / 76	24.51	20.41	0.110	30.00	-9.59
		3840.00	-4.10	1 / 76	24.75	20.65	0.116	30.00	-9.35
		3964.98	-4.10	1 / 76	24.67	20.57	0.114	30.00	-9.43
	16-QAM	3840.00	-4.10	1 / 76	23.80	19.70	0.093	30.00	-10.30
	64-QAM	3964.98	-4.10	75 / 0	22.75	18.65	0.073	30.00	-11.35
	256-QAM	3964.98	-4.10	75 / 0	20.72	16.62	0.046	30.00	-13.38
	256-QAM	3964.98	-4.10	75 / 0	20.72	16.62	0.046	30.00	-13.38
	256-QAM	3964.98	-4.10	75 / 0	20.72	16.62	0.046	30.00	-13.38
40 MHz	π/2 BPSK	3720.00	-4.10	100 / 0	24.53	20.43	0.110	30.00	-9.57
		3840.00	-4.10	1 / 104	24.66	20.56	0.114	30.00	-9.44
		3960.00	-4.10	100 / 0	24.71	20.61	0.115	30.00	-9.39
	QPSK	3720.00	-4.10	1 / 104	24.49	20.39	0.109	30.00	-9.61
		3840.00	-4.10	1 / 104	24.80	20.70	0.117	30.00	-9.30
		3960.00	-4.10	1 / 1	24.68	20.58	0.114	30.00	-9.42
	16-QAM	3960.00	-4.10	1 / 50	23.66	19.56	0.090	30.00	-10.44
	64-QAM	3960.00	-4.10	100 / 0	22.76	18.66	0.073	30.00	-11.34
	256-QAM	3960.00	-4.10	100 / 0	20.76	16.66	0.046	30.00	-13.34
	256-QAM	3960.00	-4.10	100 / 0	20.76	16.66	0.046	30.00	-13.34
	256-QAM	3960.00	-4.10	100 / 0	20.76	16.66	0.046	30.00	-13.34
50 MHz	π/2 BPSK	3725.01	-4.10	128 / 0	24.59	20.49	0.112	30.00	-9.51
		3840.00	-4.10	128 / 0	24.73	20.63	0.116	30.00	-9.37
		3954.99	-4.10	128 / 0	24.65	20.55	0.113	30.00	-9.45
	QPSK	3725.01	-4.10	1 / 64	24.46	20.36	0.109	30.00	-9.64
		3840.00	-4.10	1 / 64	24.57	20.47	0.111	30.00	-9.53
		3954.99	-4.10	1 / 64	24.61	20.51	0.112	30.00	-9.49
	16-QAM	3954.99	-4.10	1 / 131	23.51	19.41	0.087	30.00	-10.59
	64-QAM	3954.99	-4.10	128 / 0	22.76	18.66	0.073	30.00	-11.34
	256-QAM	3954.99	-4.10	128 / 0	20.73	16.63	0.046	30.00	-13.37
	256-QAM	3954.99	-4.10	128 / 0	20.73	16.63	0.046	30.00	-13.37
	256-QAM	3954.99	-4.10	128 / 0	20.73	16.63	0.046	30.00	-13.37
60 MHz	π/2 BPSK	3730.02	-4.10	1 / 180	24.53	20.43	0.110	30.00	-9.57
		3840.00	-4.10	1 / 180	24.66	20.56	0.114	30.00	-9.44
		3949.98	-4.10	1 / 1	24.69	20.59	0.115	30.00	-9.41
	QPSK	3730.02	-4.10	1 / 81	24.41	20.31	0.107	30.00	-9.69
		3840.00	-4.10	1 / 81	24.56	20.46	0.111	30.00	-9.54
		3949.98	-4.10	1 / 1	24.79	20.69	0.117	30.00	-9.31
	16-QAM	3949.98	-4.10	1 / 1	23.72	19.62	0.092	30.00	-10.38
	64-QAM	3949.98	-4.10	162 / 0	22.62	18.52	0.071	30.00	-11.48
	256-QAM	3949.98	-4.10	162 / 0	20.63	16.53	0.045	30.00	-13.47
	256-QAM	3949.98	-4.10	162 / 0	20.63	16.53	0.045	30.00	-13.47
	256-QAM	3949.98	-4.10	162 / 0	20.63	16.53	0.045	30.00	-13.47
70 MHz	π/2 BPSK	3735.00	-4.10	180 / 0	24.49	20.39	0.110	30.00	-9.61
		3840.00	-4.10	180 / 0	24.53	20.43	0.110	30.00	-9.57
		3945.00	-4.10	180 / 0	24.60	20.50	0.112	30.00	-9.50
	QPSK	3735.00	-4.10	1 / 187	24.42	20.32	0.108	30.00	-9.68
		3840.00	-4.10	1 / 90	24.85	20.75	0.119	30.00	-9.25
		3945.00	-4.10	1 / 187	24.53	20.43	0.110	30.00	-9.57
	16-QAM	3840.00	-4.10	1 / 187	23.58	19.48	0.089	30.00	-10.52
	64-QAM	3945.00	-4.10	180 / 0	22.61	18.51	0.071	30.00	-11.49
	256-QAM	3945.00	-4.10	180 / 0	20.57	16.47	0.044	30.00	-13.53
	256-QAM	3945.00	-4.10	180 / 0	20.57	16.47	0.044	30.00	-13.53
	256-QAM	3945.00	-4.10	180 / 0	20.57	16.47	0.044	30.00	-13.53
80 MHz	π/2 BPSK	3740.01	-4.10	216 / 0	24.47	20.37	0.109	30.00	-9.63
		3840.00	-4.10	216 / 0	24.56	20.46	0.111	30.00	-9.54
		3939.99	-4.10	1 / 1	24.69	20.59	0.115	30.00	-9.41
	QPSK	3740.01	-4.10	1 / 215	24.50	20.40	0.110	30.00	-9.60
		3840.00	-4.10	1 / 215	24.61	20.51	0.113	30.00	-9.49
		3939.99	-4.10	1 / 1	24.76	20.66	0.116	30.00	-9.34
	16-QAM	3939.99	-4.10	1 / 1	23.62	19.52	0.090	30.00	-10.48
	64-QAM	3939.99	-4.10	216 / 0	22.67	18.57	0.072	30.00	-11.43
	256-QAM	3939.99	-4.10	216 / 0	20.67	16.57	0.045	30.00	-13.43
	256-QAM	3939.99	-4.10	216 / 0	20.67	16.57	0.045	30.00	-13.43
	256-QAM	3939.99	-4.10	216 / 0	20.67	16.57	0.045	30.00	-13.43
90 MHz	π/2 BPSK	3745.02	-4.10	243 / 0	24.48	20.38	0.109	30.00	-9.62
		3840.00	-4.10	1 / 243	24.60	20.50	0.112	30.00	-9.50
		3934.98	-4.10	243 / 0	24.63	20.53	0.113	30.00	-9.47
	QPSK	3745.02	-4.10	1 / 243	24.52	20.42	0.110	30.00	-9.58
		3840.00	-4.10	1 / 120	24.58	20.48	0.112	30.00	-9.52
		3934.98	-4.10	1 / 1	24.71	20.61	0.115	30.00	-9.39
	16-QAM	3934.98	-4.10	1 / 1	23.57	19.47	0.089	30.00	-10.53
	64-QAM	3934.98	-4.10	243 / 0	22.64	18.54	0.072	30.00	-11.46

7.7 Radiated Spurious Emissions Measurements

§2.1053, §27.53(l), §27.53(n)

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

Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW $\geq 3 \times$ RBW
3. Span = 1.5 times the OBW
4. No. of sweep points $\geq 2 \times$ span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

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Test Setup

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

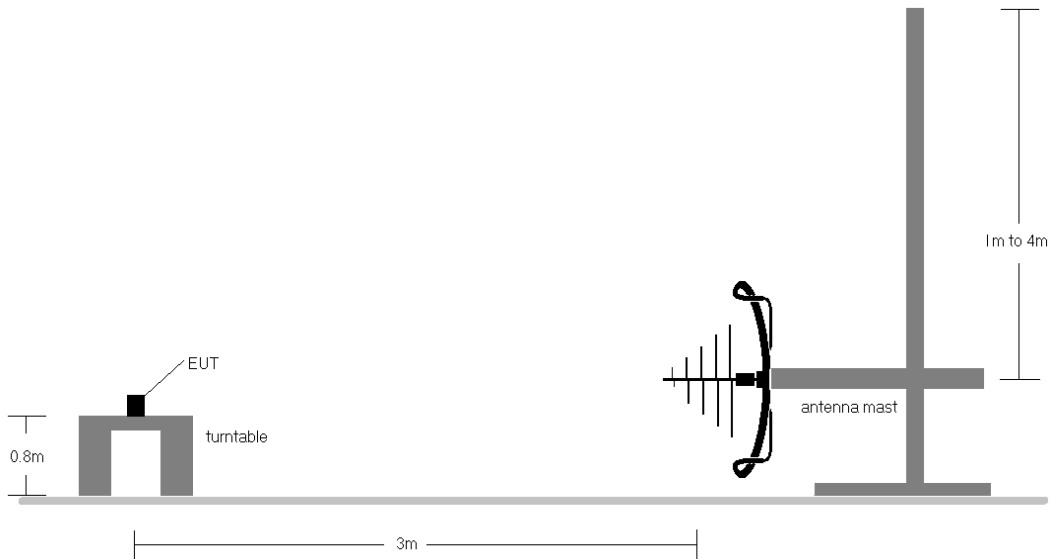


Figure 7-11. Test Instrument & Measurement Setup < 1GHz

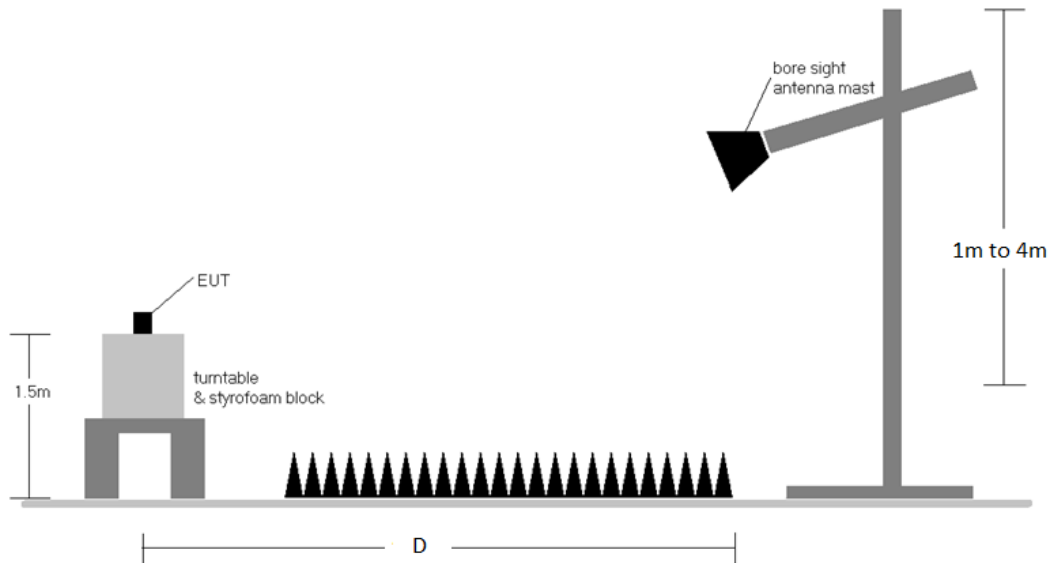


Figure 7-12. Test Instrument & Measurement Setup >1 GHz

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Test Notes

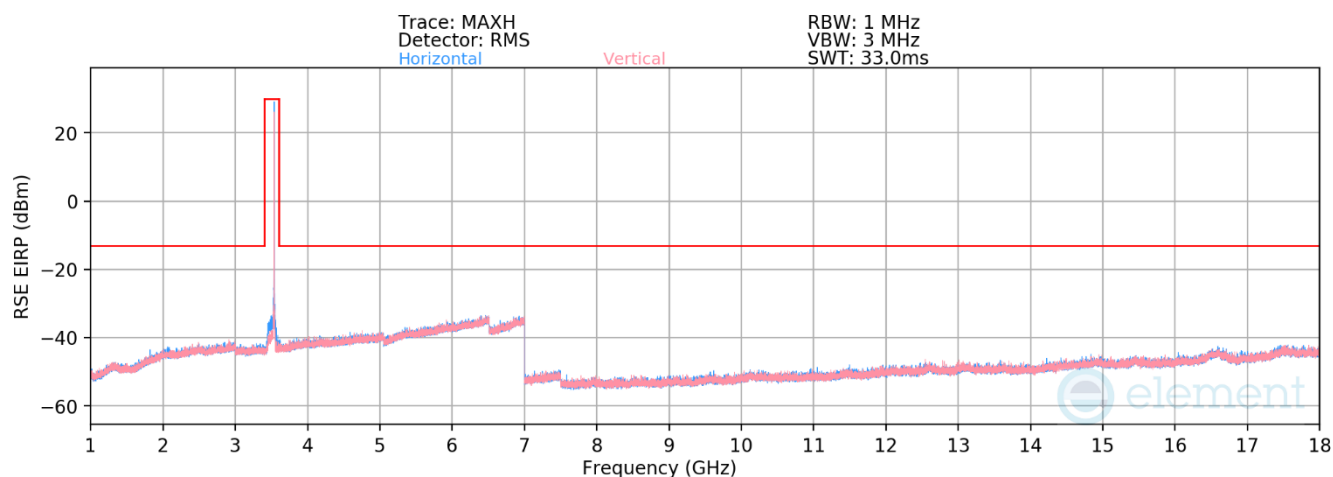
1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 D01 v03r01 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
3. This unit was tested with its standard battery.
4. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
5. No significant emissions were found for below 1GHz.
6. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
8. 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.
9. 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.
10. Pre-scan plots have been reported for the highest power antenna while measurements have been reported for all antennas.

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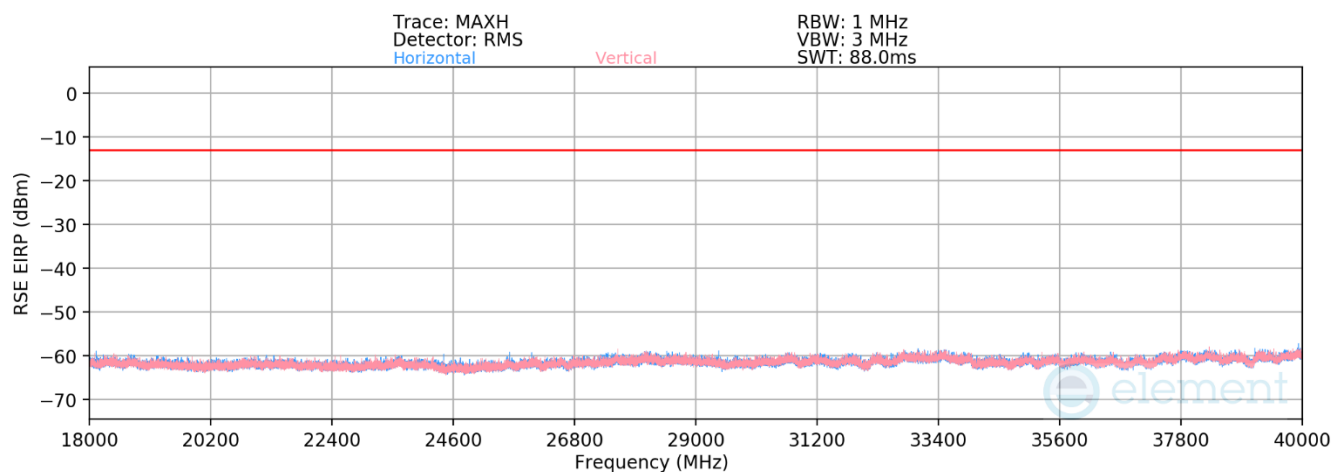
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7.7.1 Antenna 3 Radiated Spurious Emission Measurements

NR Band n77 DoD Band



Plot 7-403. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (NR Band n77 DoD Band)



Plot 7-404. Antenna 3 Radiated Spurious Emission above 18GHz (NR Band n77 DoD Band)

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Bandwidth (MHz):	90
Frequency (MHz):	3495.0
RB / Offset:	1 / 243

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
6990.0	V	-	-	-78.27	8.32	37.05	-58.20	-13.00	-45.20
10485.0	V	-	-	-79.03	9.88	37.85	-57.41	-13.00	-44.41
13980.0	H	-	-	-78.69	12.01	40.32	-54.93	-13.00	-41.93

Table 7-18. Antenna 3 Radiated Spurious Data (NR Band n77 DoD Band – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3500.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7000.0	H	-	-	-77.90	8.47	37.57	-57.69	-13.00	-44.69
10500.0	H	-	-	-78.66	9.71	38.05	-57.21	-13.00	-44.21
14000.0	H	-	-	-79.82	12.27	39.45	-55.80	-13.00	-42.80

Table 7-19. Antenna 3 Radiated Spurious Data (NR Band n77 DoD Band – Mid Channel)

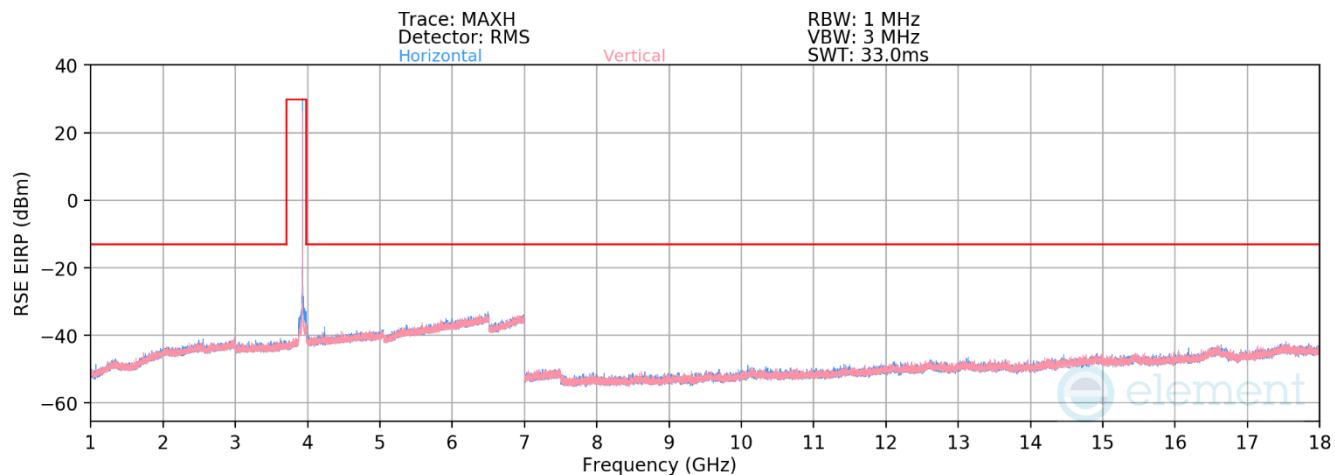
Bandwidth (MHz):	90
Frequency (MHz):	3505.0
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7010.0	H	-	-	-77.70	8.47	37.77	-57.49	-13.00	-44.49
10515.0	V	-	-	-78.44	9.41	37.97	-57.29	-13.00	-44.29
14020.0	V	-	-	-79.70	12.14	39.44	-55.81	-13.00	-42.81

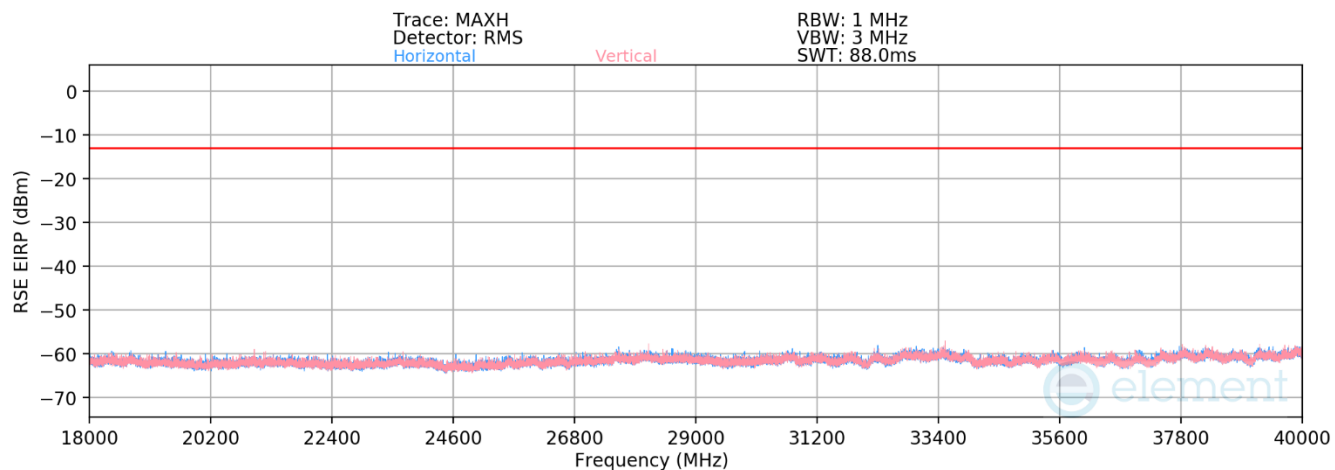
Table 7-20. Antenna 3 Radiated Spurious Data (NR Band n77 DoD Band – High Channel)

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NR Band n77 C Band



Plot 7-405. Antenna 3 Radiated Spurious Plot 1GHz – 18GHz (NR Band n77 C Band)



Plot 7-406. Antenna 3 Radiated Spurious Emission above 18GHz (NR Band n77 C Band)

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Bandwidth (MHz):	100
Frequency (MHz):	3750.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7500.0	V	-	-	-77.59	8.20	37.61	-57.65	-13.00	-44.65
11250.0	V	-	-	-78.72	9.95	38.23	-57.02	-13.00	-44.02
15000.0	V	-	-	-79.33	13.40	41.08	-54.18	-13.00	-41.18

Table 7-21. Antenna 3 Radiated Spurious Data (NR Band n77 C Band – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3840.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7680.0	H	-	-	-78.73	7.95	36.22	-59.04	-13.00	-46.04
11520.0	V	-	-	-78.91	10.25	38.34	-56.92	-13.00	-43.92
15360.0	V	-	-	-79.40	13.29	40.89	-54.37	-13.00	-41.37

Table 7-22. Antenna 3 Radiated Spurious Data (NR Band n77 C Band – Mid Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3930.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7860.0	H	-	-	-78.68	8.27	36.60	-58.66	-13.00	-45.66
11790.0	V	-	-	-79.17	10.74	38.57	-56.69	-13.00	-43.69
15720.0	V	-	-	-78.79	13.14	41.35	-53.91	-13.00	-40.91

Table 7-23. Antenna 3 Radiated Spurious Data (NR Band n77 C Band – High Channel)

FCC ID: BCGA3358	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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7.7.2 Antenna 1 Radiated Spurious Emission Measurements

NR Band n77 DoD Band

Bandwidth (MHz):	90
Frequency (MHz):	3495.0
RB / Offset:	1 / 243

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
6990.0	H	-	-	-78.15	8.32	37.17	-58.09	-13.00	-45.09
10485.0	V	-	-	-78.86	9.88	38.02	-57.24	-13.00	-44.24
13980.0	H	-	-	-79.26	12.19	39.93	-55.32	-13.00	-42.32

Table 7-24. Antenna 1 Radiated Spurious Data (NR Band n77 DoD Band – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3500.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7000.0	V	-	-	-78.03	8.47	37.44	-57.82	-13.00	-44.82
10500.0	V	-	-	-78.88	9.71	37.84	-57.42	-13.00	-44.42
14000.0	V	-	-	-79.71	12.27	39.56	-55.70	-13.00	-42.70

Table 7-25. Antenna 1 Radiated Spurious Data (NR Band n77 DoD Band – Mid Channel)

Bandwidth (MHz):	90
Frequency (MHz):	3505.0
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7010.0	H	-	-	-78.18	8.48	37.30	-57.96	-13.00	-44.96
10515.0	V	-	-	-78.67	9.41	37.75	-57.51	-13.00	-44.51
14020.0	V	-	-	-79.71	11.97	39.27	-55.99	-13.00	-42.99

Table 7-26. Antenna 1 Radiated Spurious Data (NR Band n77 DoD Band – High Channel)

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NR Band n77 C Band

Bandwidth (MHz):	100
Frequency (MHz):	3750.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7500.0	V	-	-	-77.68	8.20	37.51	-57.74	-13.00	-44.74
11250.0	H	-	-	-78.95	9.76	37.82	-57.44	-13.00	-44.44
15000.0	H	-	-	-79.48	13.40	40.93	-54.33	-13.00	-41.33

Table 7-27. Antenna 1 Radiated Spurious Data (NR Band n77 C Band – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3840.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7680.0	H	-	-	-78.97	8.00	36.03	-59.23	-13.00	-46.23
11520.0	V	-	-	-78.85	10.13	38.27	-56.98	-13.00	-43.98
15360.0	H	-	-	-79.21	13.10	40.89	-54.37	-13.00	-41.37

Table 7-28. Antenna 1 Radiated Spurious Data (NR Band n77 C Band – Mid Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3930.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7860.0	H	-	-	-79.02	8.27	36.25	-59.01	-13.00	-46.01
11790.0	V	-	-	-79.39	10.74	38.35	-56.91	-13.00	-43.91
15720.0	V	-	-	-78.89	13.05	41.16	-54.10	-13.00	-41.10

Table 7-29. Antenna 1 Radiated Spurious Data (NR Band n77 C Band – High Channel)

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7.7.3 Antenna 4b Radiated Spurious Emission Measurements

NR Band n77 DoD Band

Bandwidth (MHz):	90
Frequency (MHz):	3495.0
RB / Offset:	1 / 243

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
6990.0	H	-	-	-78.11	8.32	37.21	-58.05	-13.00	-45.05
10485.0	V	-	-	-79.15	9.88	37.72	-57.54	-13.00	-44.54
13980.0	H	-	-	-78.96	12.01	40.05	-55.20	-13.00	-42.20

Table 7-30. Antenna 4b Radiated Spurious Data (NR Band n77 DoD Band – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3500.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7000.0	V	-	-	-77.98	8.47	37.48	-57.78	-13.00	-44.78
10500.0	H	-	-	-78.63	9.71	38.08	-57.17	-13.00	-44.17
14000.0	V	-	-	-79.89	12.27	39.38	-55.88	-13.00	-42.88

Table 7-31. Antenna 4b Radiated Spurious Data (NR Band n77 DoD Band – Mid Channel)

Bandwidth (MHz):	90
Frequency (MHz):	3505.0
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7010.0	H	-	-	-78.00	8.48	37.48	-57.78	-13.00	-44.78
10515.0	H	-	-	-78.72	9.41	37.70	-57.56	-13.00	-44.56
14020.0	H	-	-	-79.74	12.03	39.29	-55.96	-13.00	-42.96

Table 7-32. Antenna 4b Radiated Spurious Data (NR Band n77 DoD Band – High Channel)

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NR Band n77 C Band

Bandwidth (MHz):	100
Frequency (MHz):	3750.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7500.0	V	-	-	-77.49	8.20	37.71	-57.55	-13.00	-44.55
11250.0	V	-	-	-79.03	9.95	37.92	-57.34	-13.00	-44.34
15000.0	V	-	-	-79.42	13.40	40.99	-54.27	-13.00	-41.27

Table 7-33. Antenna 4b Radiated Spurious Data (NR Band n77 C Band – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3840.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7680.0	H	-	-	-78.64	8.00	36.35	-58.90	-13.00	-45.90
11520.0	V	-	-	-78.82	10.25	38.43	-56.83	-13.00	-43.83
15360.0	H	-	-	-79.31	13.29	40.98	-54.28	-13.00	-41.28

Table 7-34. Antenna 4b Radiated Spurious Data (NR Band n77 C Band – Mid Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3930.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7860.0	H	-	-	-78.76	8.09	36.33	-58.92	-13.00	-45.92
11790.0	H	-	-	-79.35	10.75	38.40	-56.85	-13.00	-43.85
15720.0	H	-	-	-78.80	13.05	41.25	-54.01	-13.00	-41.01

Table 7-35. Antenna 4b Radiated Spurious Data (NR Band n77 C Band – High Channel)

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7.7.4 Antenna 2b Radiated Spurious Emission Measurements

NR Band n77 DoD Band

Bandwidth (MHz):	90
Frequency (MHz):	3495.0
RB / Offset:	1 / 243

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
6990.0	H	-	-	-78.07	8.08	37.02	-58.24	-13.00	-45.24
10485.0	V	-	-	-78.81	9.60	37.79	-57.47	-13.00	-44.47
13980.0	H	-	-	-79.09	12.01	39.92	-55.33	-13.00	-42.33

Table 7-36. Antenna 2b Radiated Spurious Data (NR Band n77 DoD Band – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3500.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7000.0	V	-	-	-77.96	8.47	37.51	-57.75	-13.00	-44.75
10500.0	V	-	-	-78.76	9.71	37.95	-57.31	-13.00	-44.31
14000.0	H	-	-	-79.84	12.27	39.44	-55.82	-13.00	-42.82

Table 7-37. Antenna 2b Radiated Spurious Data (NR Band n77 DoD Band – Mid Channel)

Bandwidth (MHz):	90
Frequency (MHz):	3505.0
RB / Offset:	1 / 120

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7010.0	H	-	-	-78.01	8.26	37.25	-58.00	-13.00	-45.00
10515.0	H	-	-	-78.62	9.48	37.86	-57.39	-13.00	-44.39
14020.0	H	-	-	-79.55	11.97	39.42	-55.84	-13.00	-42.84

Table 7-38. Antenna 2b Radiated Spurious Data (NR Band n77 DoD Band – High Channel)

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NR Band n77 C Band

Bandwidth (MHz):	100
Frequency (MHz):	3750.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7500.0	H	-	-	-77.66	8.20	37.54	-57.72	-13.00	-44.72
11250.0	V	-	-	-79.02	9.84	37.82	-57.44	-13.00	-44.44
15000.0	V	-	-	-79.45	13.40	40.95	-54.30	-13.00	-41.30

Table 7-39. Antenna 2b Radiated Spurious Data (NR Band n77 C Band – Low Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3840.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7680.0	V	-	-	-78.78	8.00	36.21	-59.04	-13.00	-46.04
11520.0	V	-	-	-78.63	10.07	38.44	-56.82	-13.00	-43.82
15360.0	V	-	-	-79.07	13.10	41.03	-54.23	-13.00	-41.23

Table 7-40. Antenna 2b Radiated Spurious Data (NR Band n77 C Band – Mid Channel)

Bandwidth (MHz):	100
Frequency (MHz):	3930.0
RB / Offset:	1 / 135

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
7860.0	H	-	-	-78.94	8.27	36.33	-58.92	-13.00	-45.92
11790.0	H	-	-	-79.28	10.74	38.46	-56.80	-13.00	-43.80
15720.0	V	-	-	-78.71	13.05	41.34	-53.92	-13.00	-40.92

Table 7-41. Antenna 2b Radiated Spurious Data (NR Band n77 C Band – High Channel)

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7.8 Frequency Stability / Temperature Variation

\$2.1055, \$27.54

Test Overview and Limit

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

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

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

Test Procedure Used

ANSI C63.26-2015

TIA-603-E-2016

Test Settings

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

Test Setup

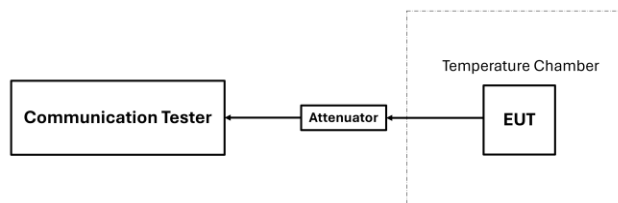


Figure 7-13. LTE Test Instrument & Measurement Setup

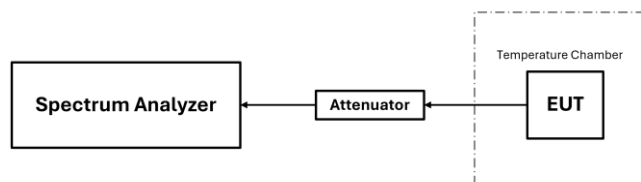


Figure 7-14. FR1 Test Instrument & Measurement Setup

Test Notes

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

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Frequency Stability / Temperature Variation

NR Band n77 (3450-3550MHz)				
		Operating Band Lower Boundary (GHz)	3.4500	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	3.45058937	-0.00058937
		- 20	3.45053106	-0.00053106
		- 10	3.45055829	-0.00055829
		0	3.45050483	-0.00050483
		+ 10	3.45059217	-0.00059217
		+ 20 (Ref)	3.45054632	-0.00054632
		+ 30	3.45057760	-0.00057760
		+ 40	3.45052395	-0.00052395
		+ 50	3.45056348	-0.00056348
Battery Endpoint	3.40	+ 20	3.45051721	-0.00051720

Table 7-42. NR Band n77 DoD Band Lower Boundary Frequency Stability Data

NR Band n77 (3450-3550MHz)				
		Operating Band Upper Boundary (GHz)	3.5500	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	3.54946321	-0.00053679
		- 20	3.54941260	-0.00058740
		- 10	3.54948673	-0.00051327
		0	3.54942918	-0.00057082
		+ 10	3.54947536	-0.00052464
		+ 20 (Ref)	3.54940351	-0.00059649
		+ 30	3.54949387	-0.00050613
		+ 40	3.54944421	-0.00055579
		+ 50	3.54945214	-0.00054786
Battery Endpoint	3.40	+ 20	3.54943960	-0.00056040

Table 7-43. NR Band n77 DoD Band Upper Boundary Frequency Stability Data

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Frequency Stability / Temperature Variation

NR Band n77 (3700-3980MHz)				
		Operating Band Lower Boundary (GHz)	3.700	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	3.70053828	-0.00053828
		- 20	3.70058913	-0.00058913
		- 10	3.70051674	-0.00051674
		0	3.70057390	-0.00057390
		+ 10	3.70054522	-0.00054522
		+ 20 (Ref)	3.70059648	-0.00059648
		+ 30	3.70050837	-0.00050837
		+ 40	3.70056411	-0.00056411
		+ 50	3.70052846	-0.00052846
Battery Endpoint	3.40	+ 20	3.70058274	-0.00058274

Table 7-44. NR Band n77 C-Band Lower Boundary Frequency Stability Data

NR Band n77 (3700-3980MHz)				
		Operating Band Upper Boundary (GHz)	3.980	
		Ref. Voltage (VDC):	3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	3.97944827	-0.00055173
		- 20	3.97942620	-0.00057381
		- 10	3.97949063	-0.00050937
		0	3.97946308	-0.00053692
		+ 10	3.97941471	-0.00058529
		+ 20 (Ref)	3.97948621	-0.00051379
		+ 30	3.97947140	-0.00052860
		+ 40	3.97940572	-0.00059428
		+ 50	3.97945389	-0.00054611
Battery Endpoint	3.40	+ 20	3.97943953	-0.00056047

Table 7-45. NR Band n77 C-Band Upper Boundary Frequency Stability Data

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8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the Apple **Tablet Device** **FCC ID: BCGA3358** complies with all the requirements of Part 27 of the FCC rules.

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