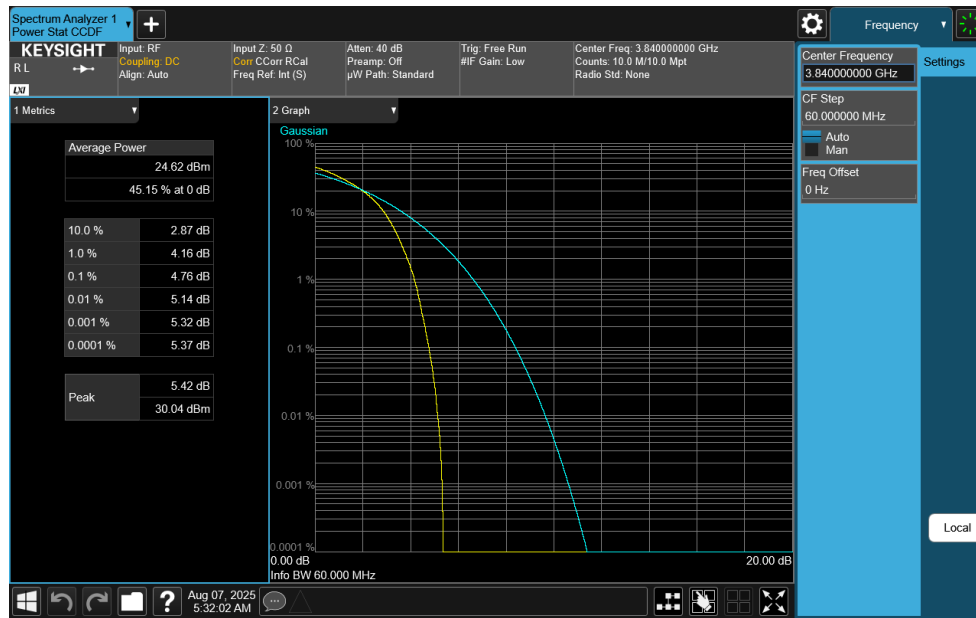
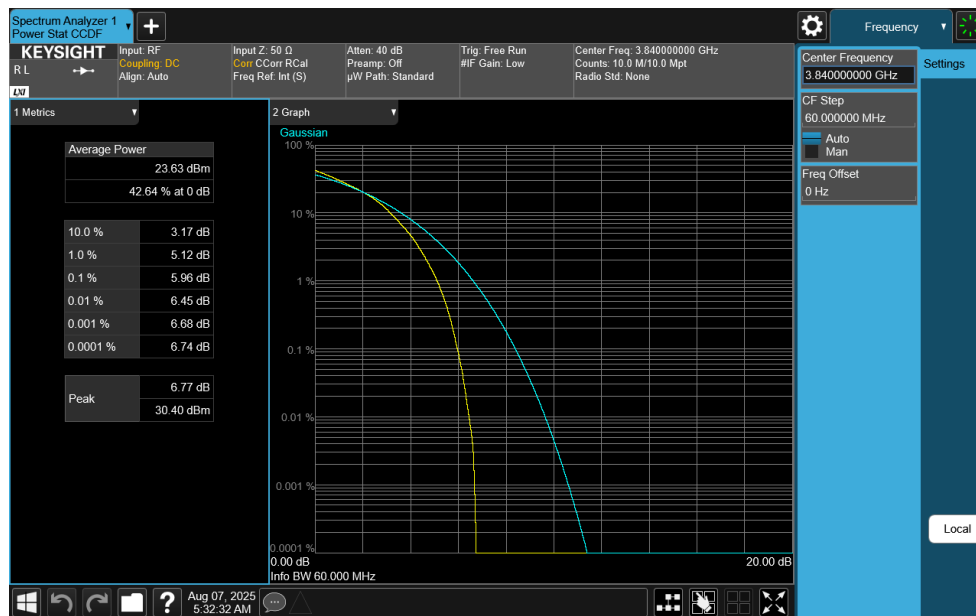




Plot 7-379. PAR Plot (NR Band n77 C-Band - 60MHz DFT-s-OFDM QPSK - Full RB)

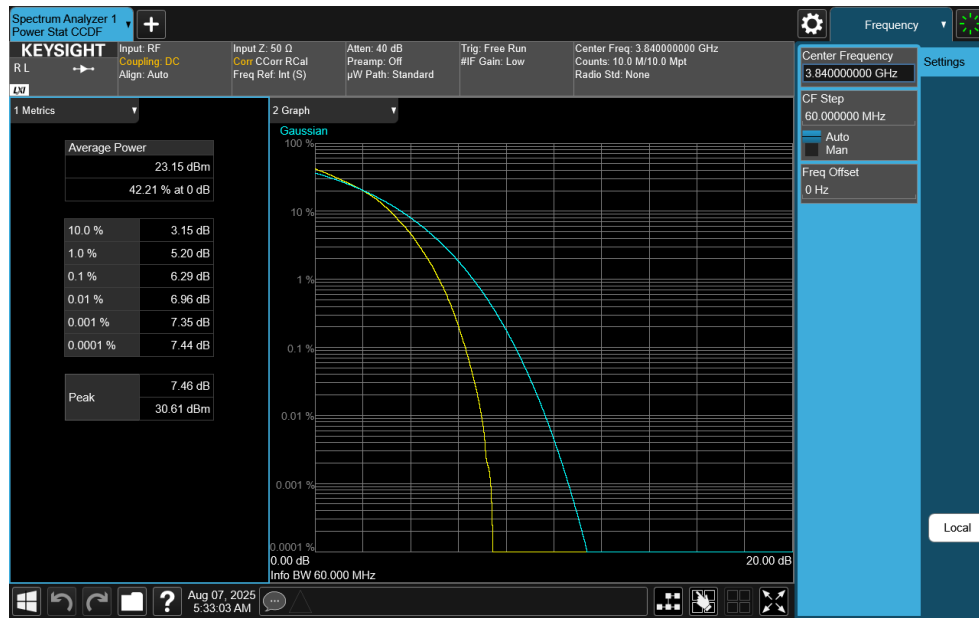


Plot 7-380. PAR Plot (NR Band n77 C-Band - 60MHz DFT-s-OFDM 16-QAM - Full RB)

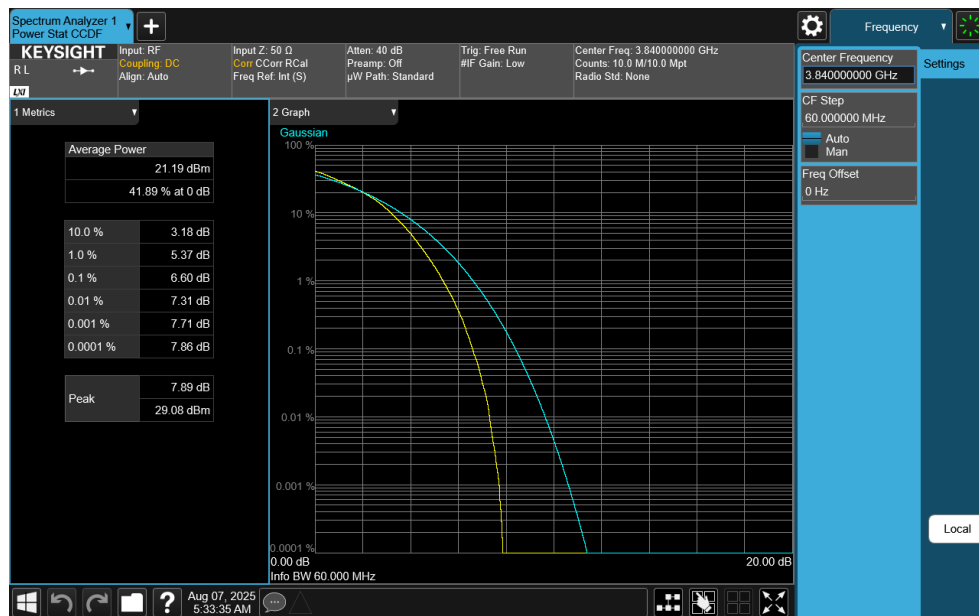
FCC ID: BCGA3361	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-381. PAR Plot (NR Band n77 C-Band - 60MHz DFT-s-OFDM 64-QAM - Full RB)

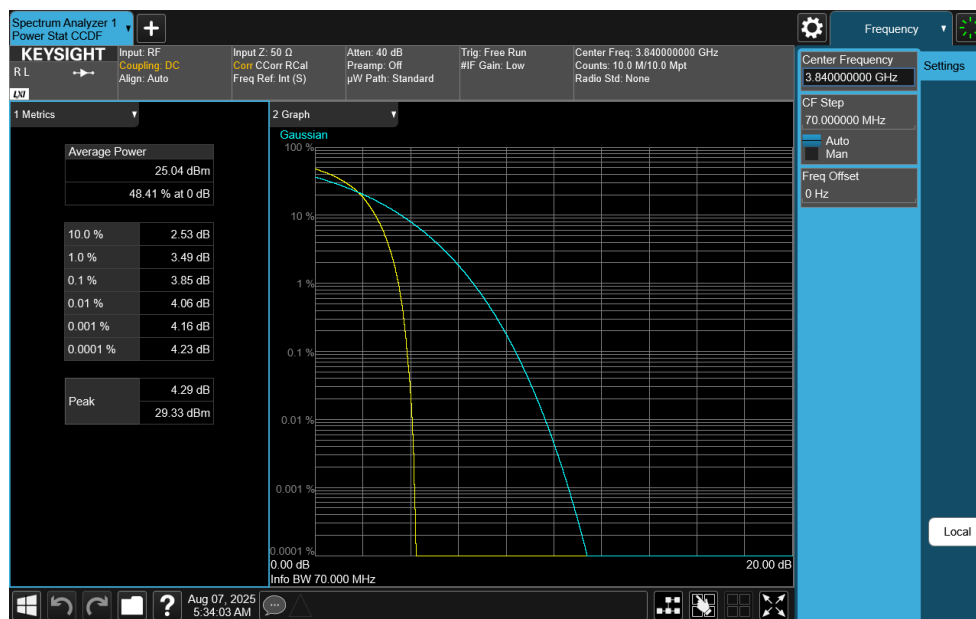


Plot 7-382. PAR Plot (NR Band n77 C-Band - 60MHz DFT-s-OFDM 256-QAM - Full RB)

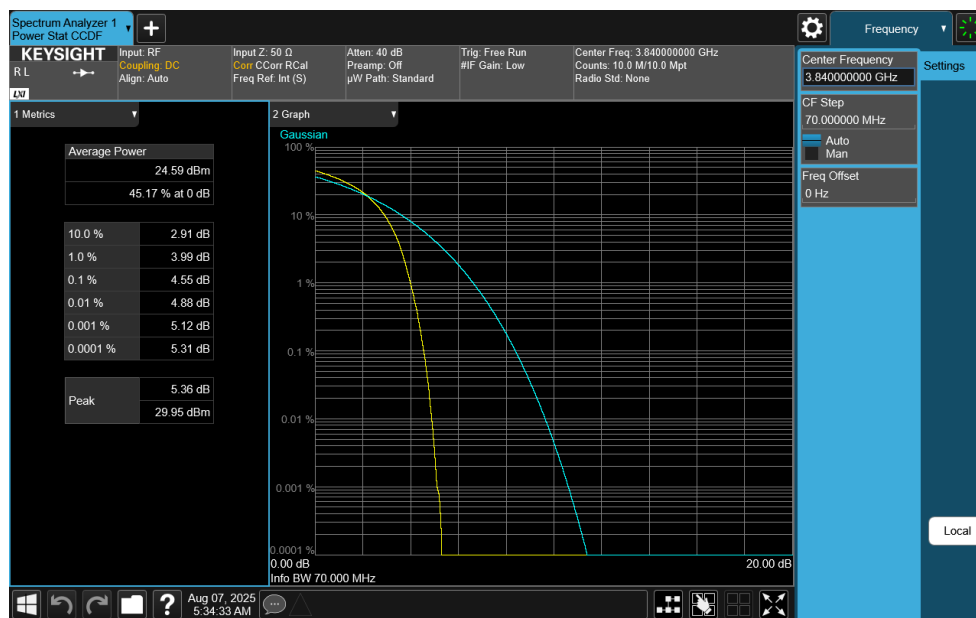
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-383. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

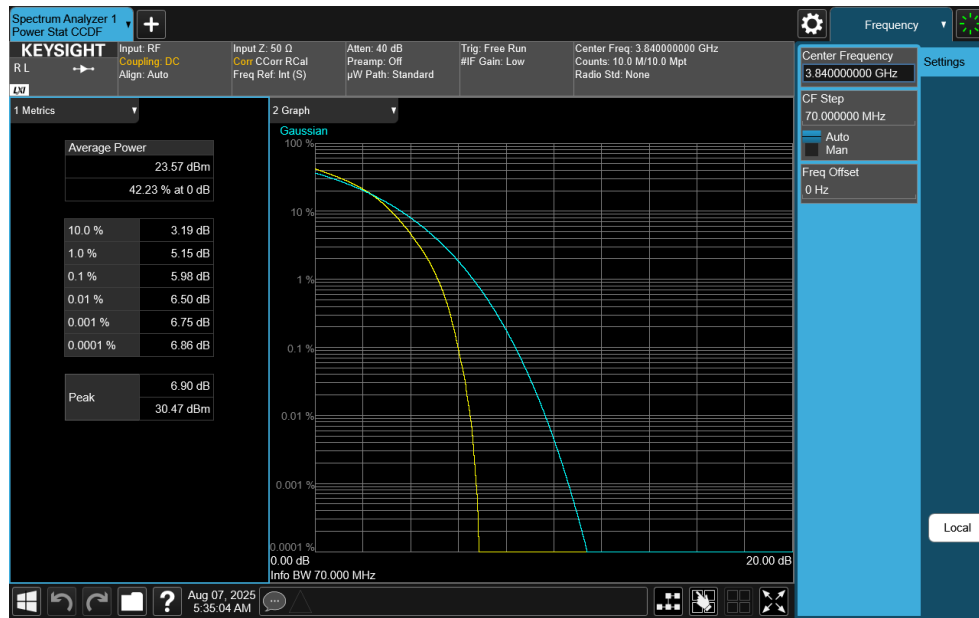


Plot 7-384. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM QPSK - Full RB)

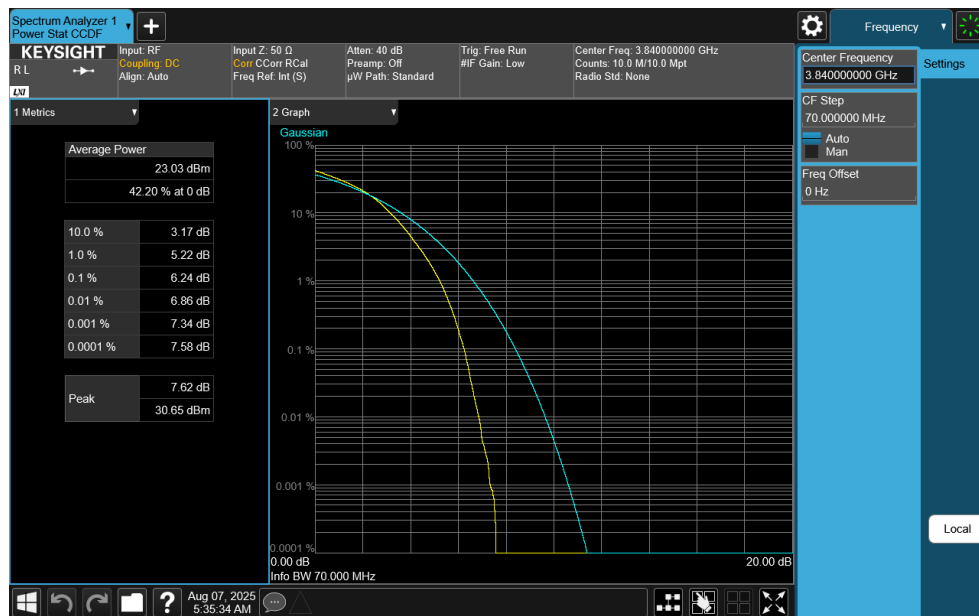
FCC ID: BCGA3361	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-385. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM 16-QAM - Full RB)

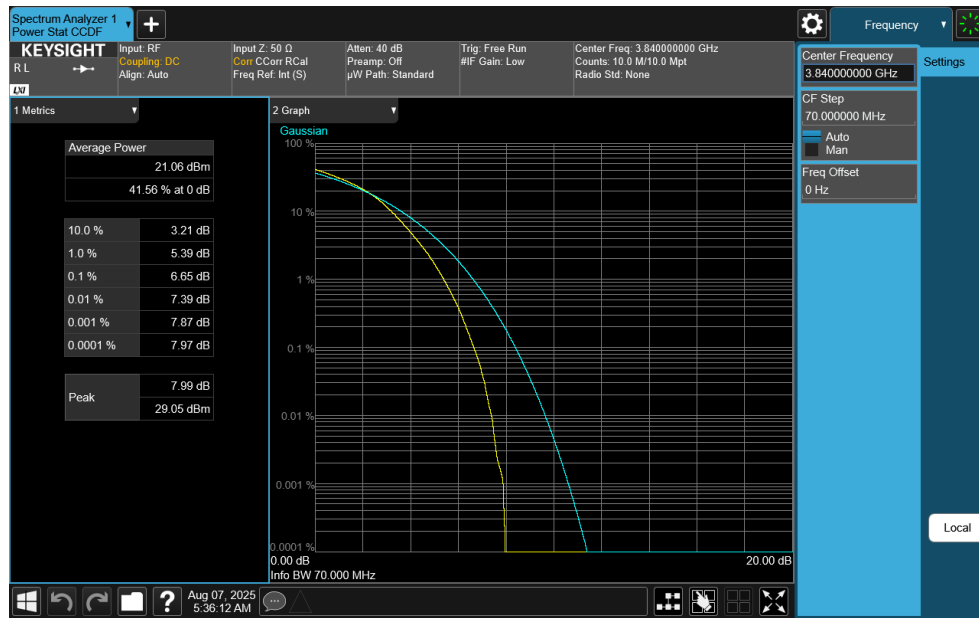


Plot 7-386. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM 64-QAM - Full RB)

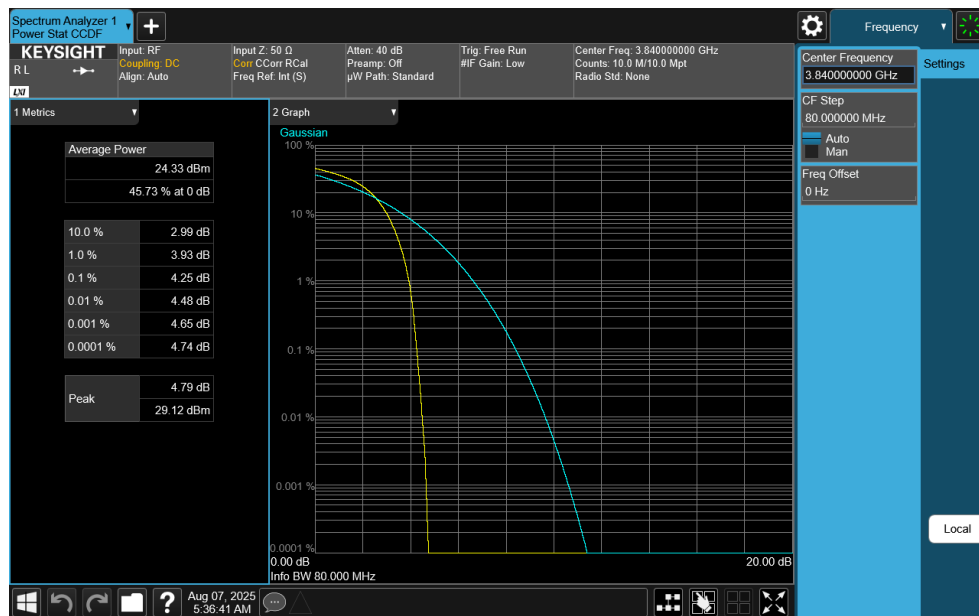
FCC ID: BCGA3361	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-387. PAR Plot (NR Band n77 C-Band - 70MHz DFT-s-OFDM 256-QAM - Full RB)

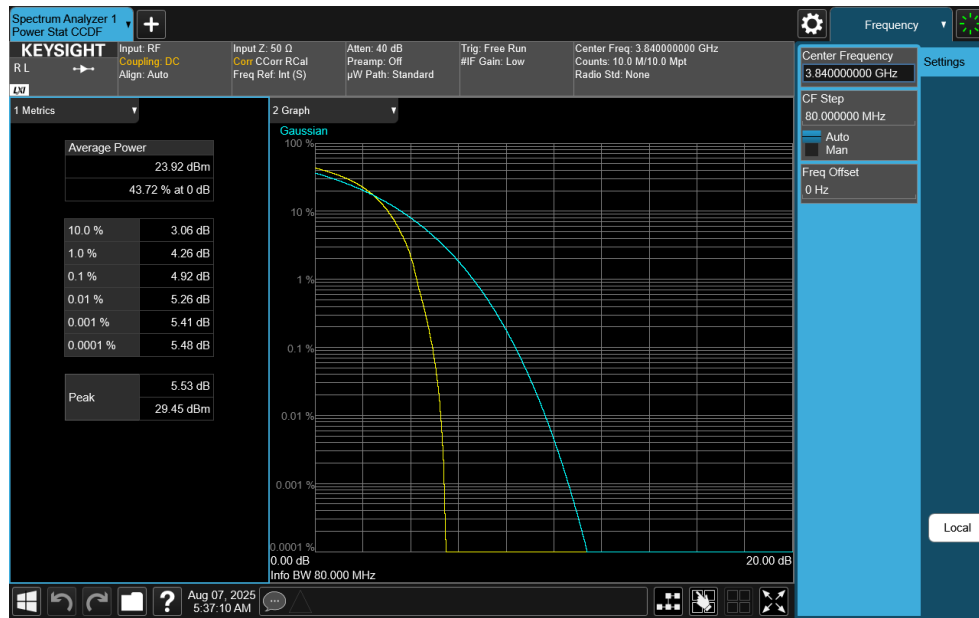


Plot 7-388. PAR Plot (NR Band n77 C-Band - 80MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

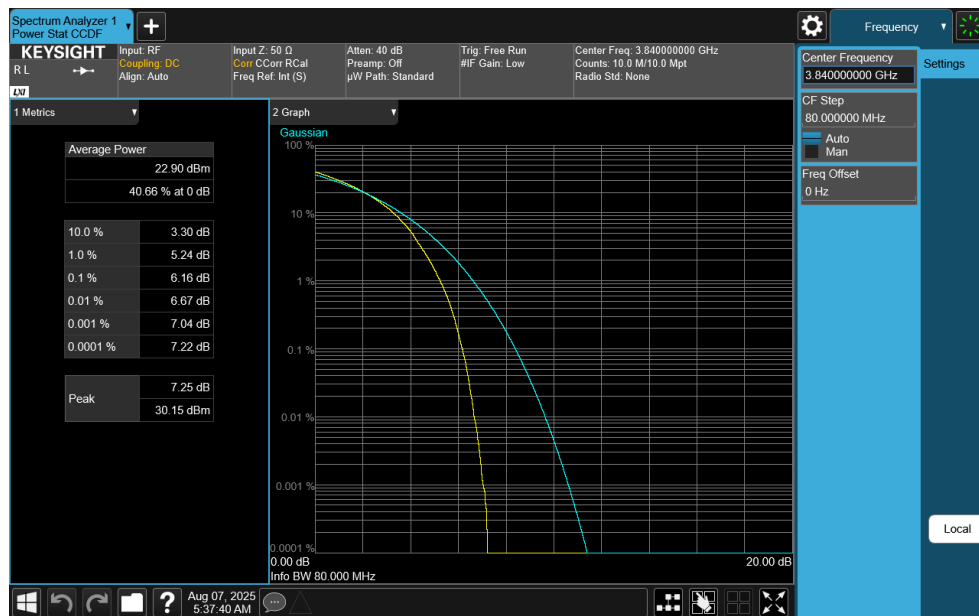
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-389. PAR Plot (NR Band n77 C-Band - 80MHz DFT-s-OFDM QPSK - Full RB)

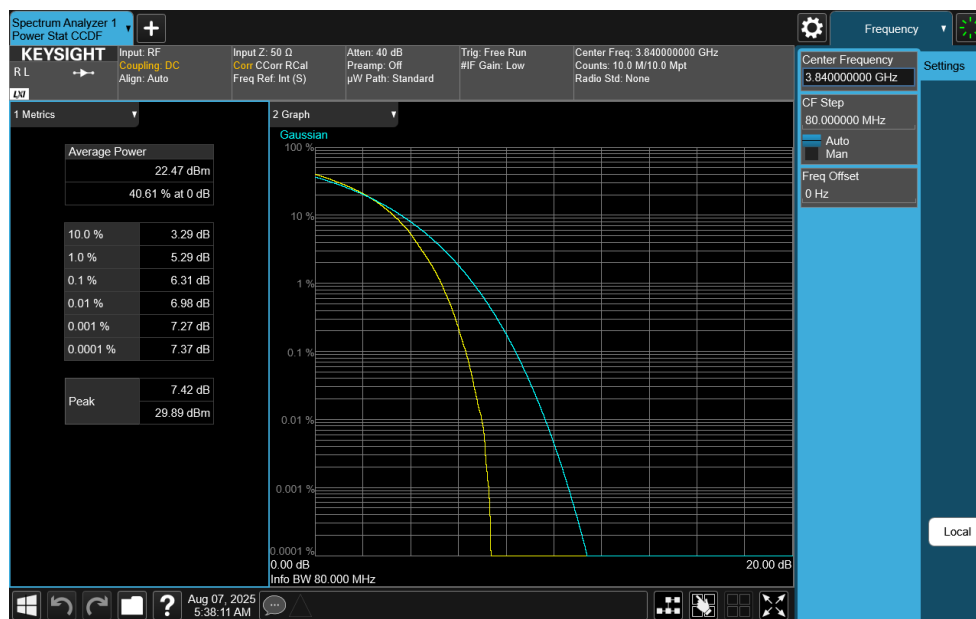


Plot 7-390. PAR Plot (NR Band n77 C-Band - 80MHz DFT-s-OFDM 16-QAM - Full RB)

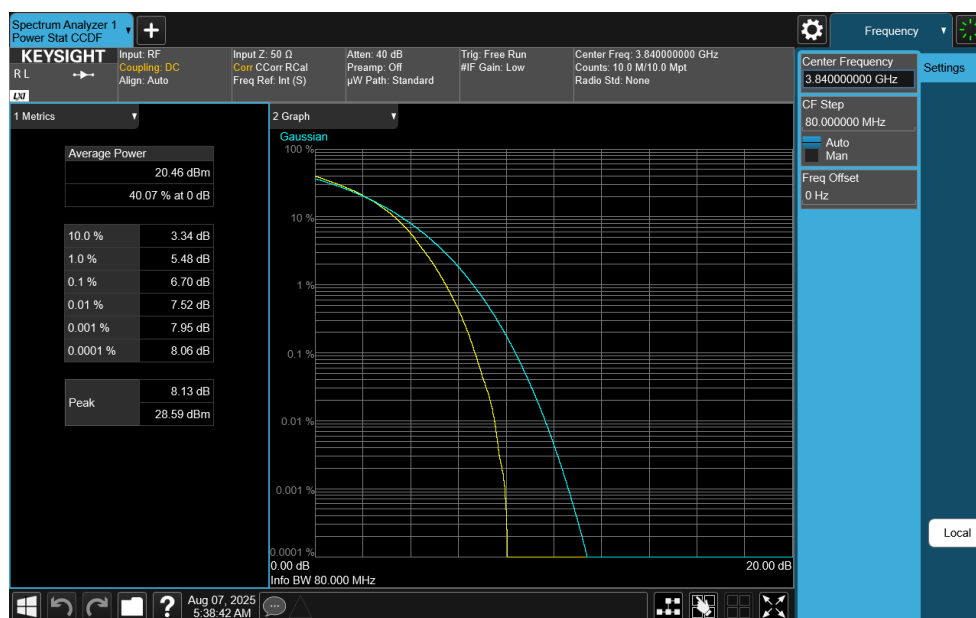
FCC ID: BCGA3361	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-391. PAR Plot (NR Band n77 C-Band - 80MHz DFT-s-OFDM 64-QAM - Full RB)

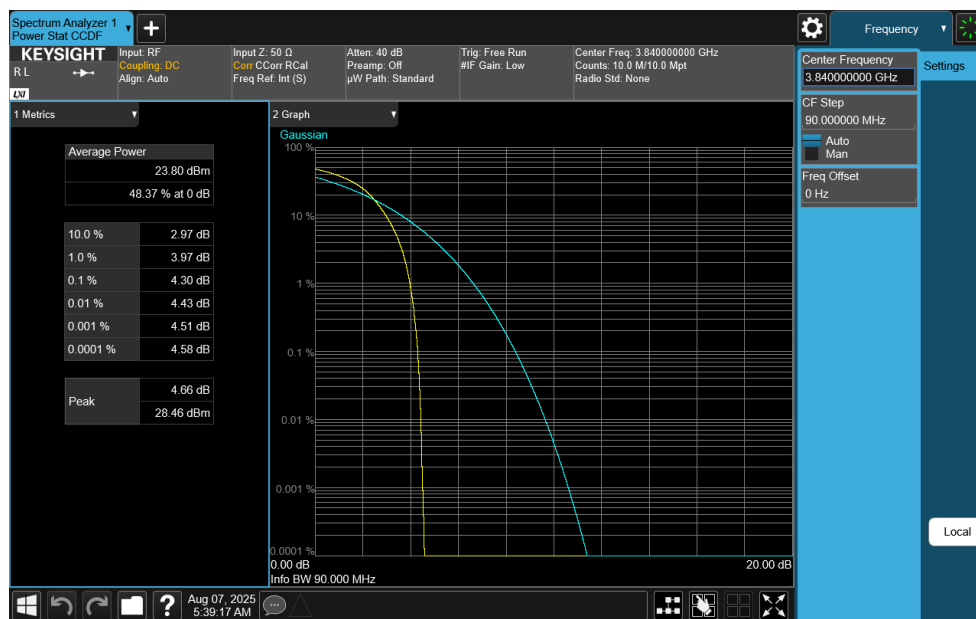


Plot 7-392. PAR Plot (NR Band n77 C-Band - 80MHz DFT-s-OFDM 256-QAM - Full RB)

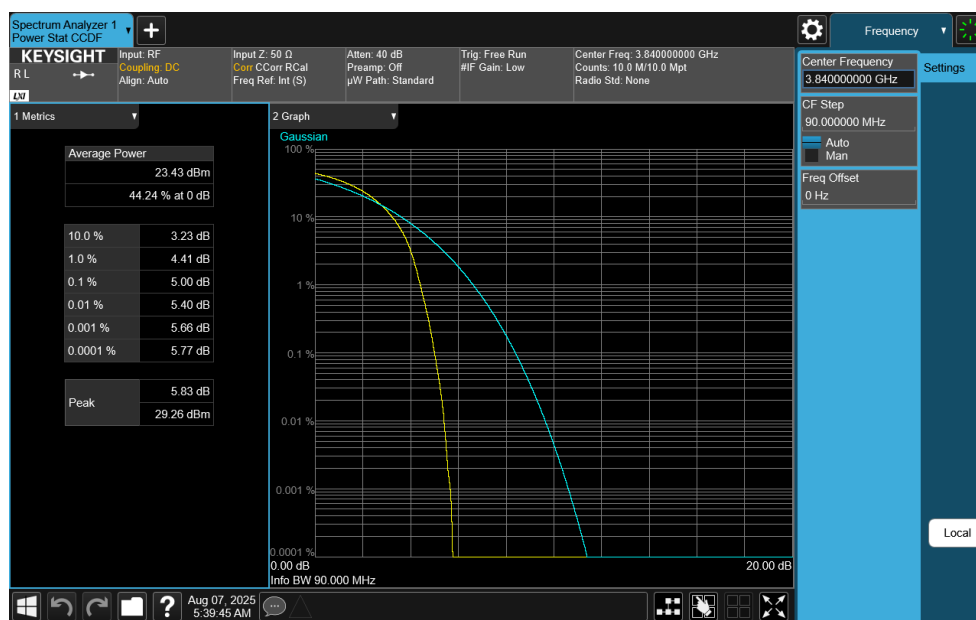
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-393. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

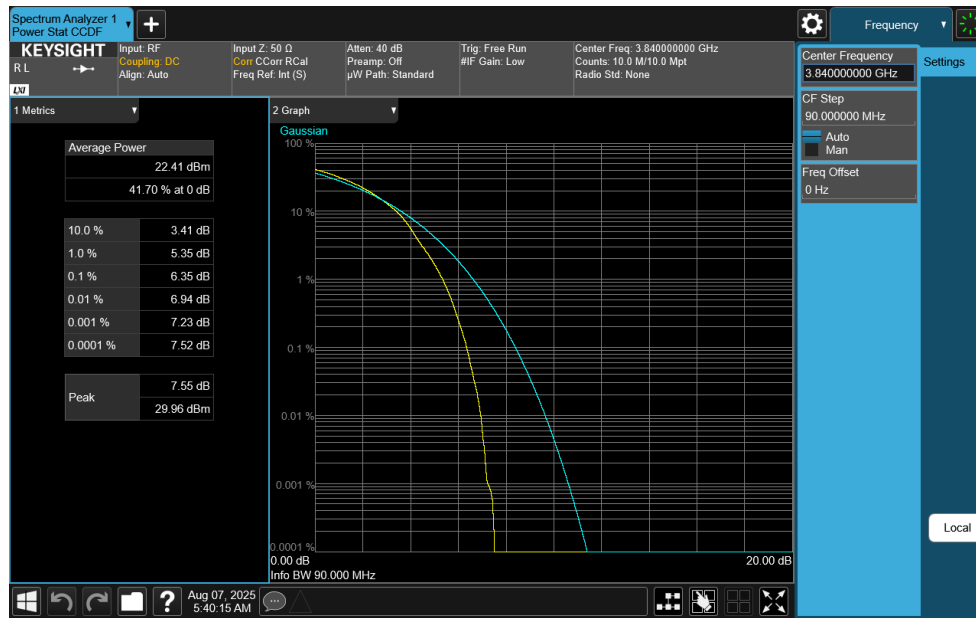


Plot 7-394. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM QPSK - Full RB)

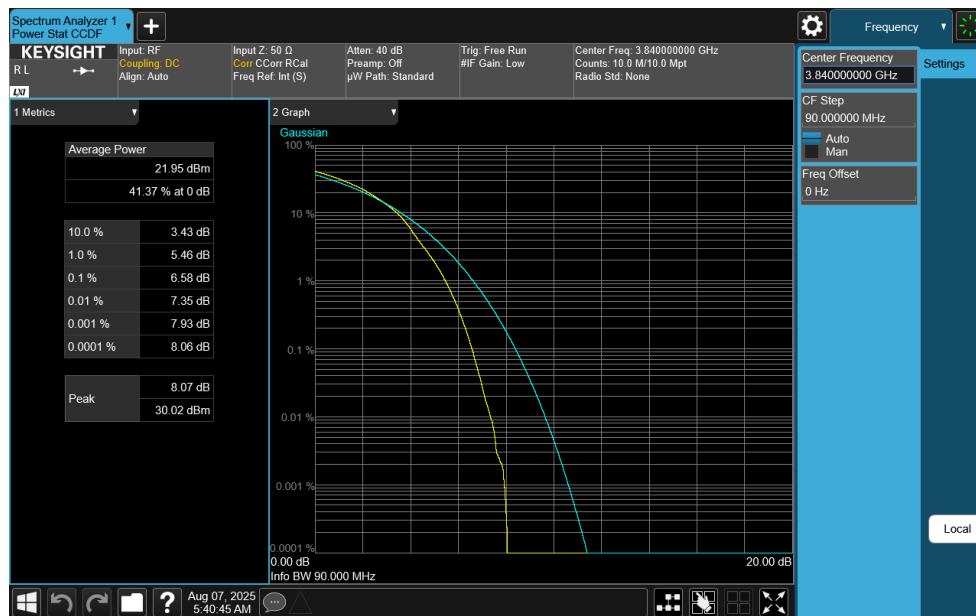
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-395. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM 16-QAM - Full RB)

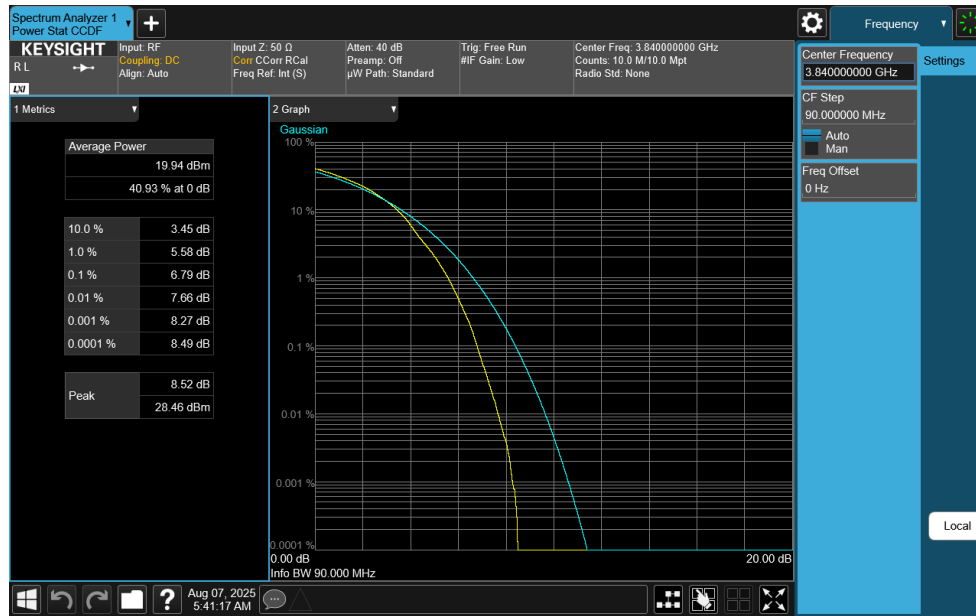


Plot 7-396. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM 64-QAM - Full RB)

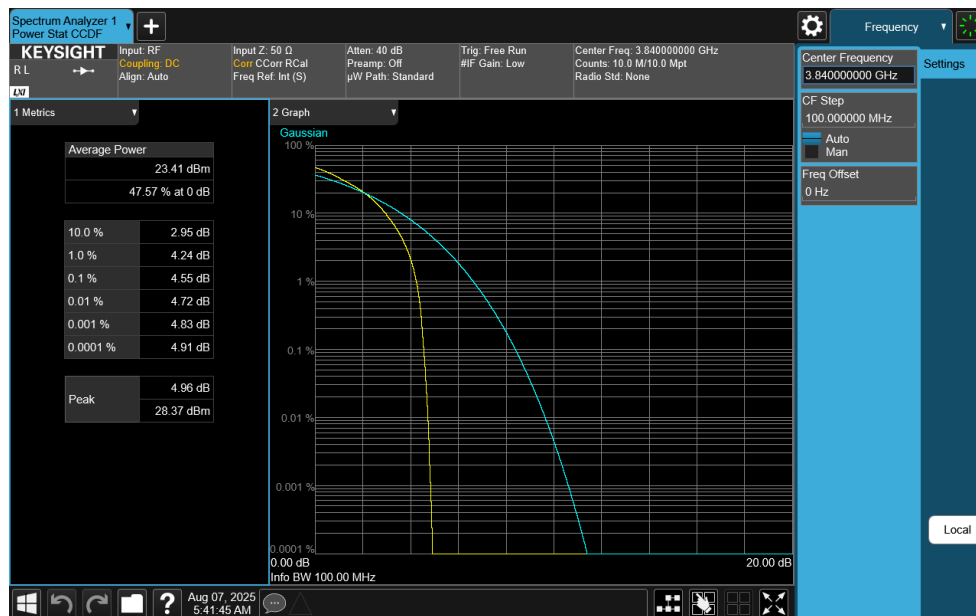
FCC ID: BCGA3361	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-397. PAR Plot (NR Band n77 C-Band - 90MHz DFT-s-OFDM 256-QAM - Full RB)

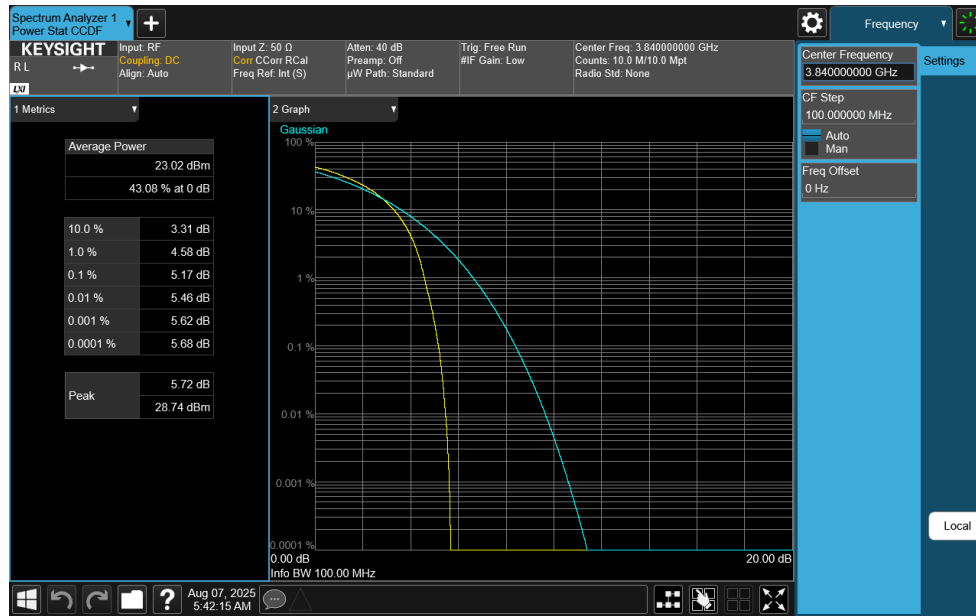


Plot 7-398. PAR Plot (NR Band n77 C-Band - 100MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

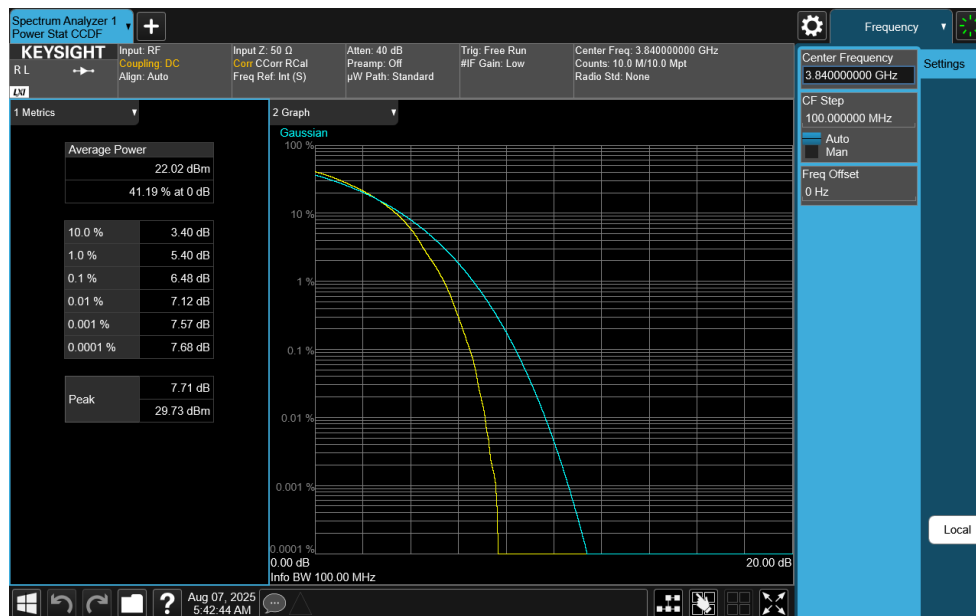
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-399. PAR Plot (NR Band n77 C-Band - 100MHz DFT-s-OFDM QPSK - Full RB)

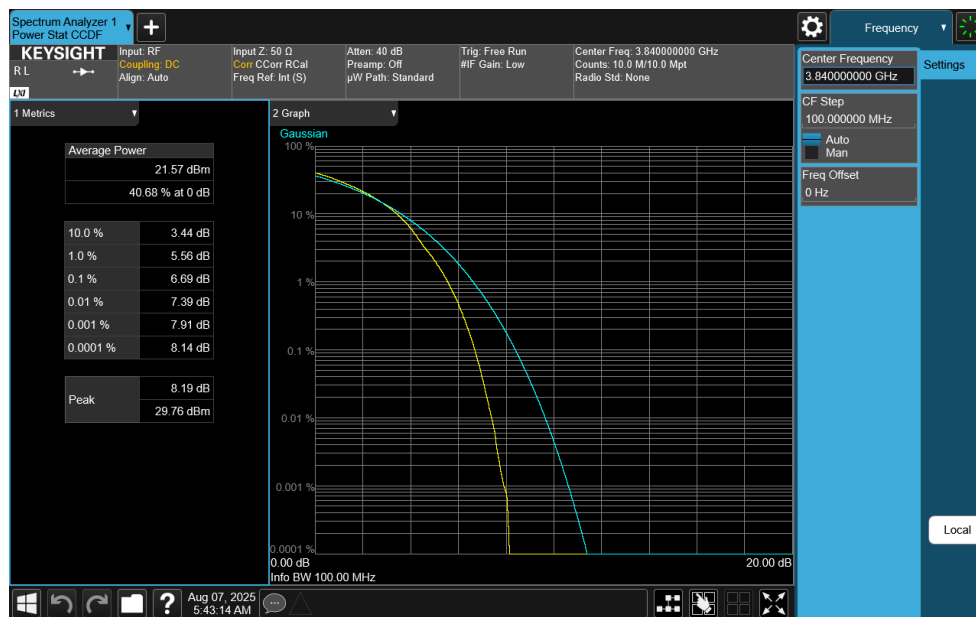


Plot 7-400. PAR Plot (NR Band n77 C-Band - 100MHz DFT-s-OFDM 16-QAM - Full RB)

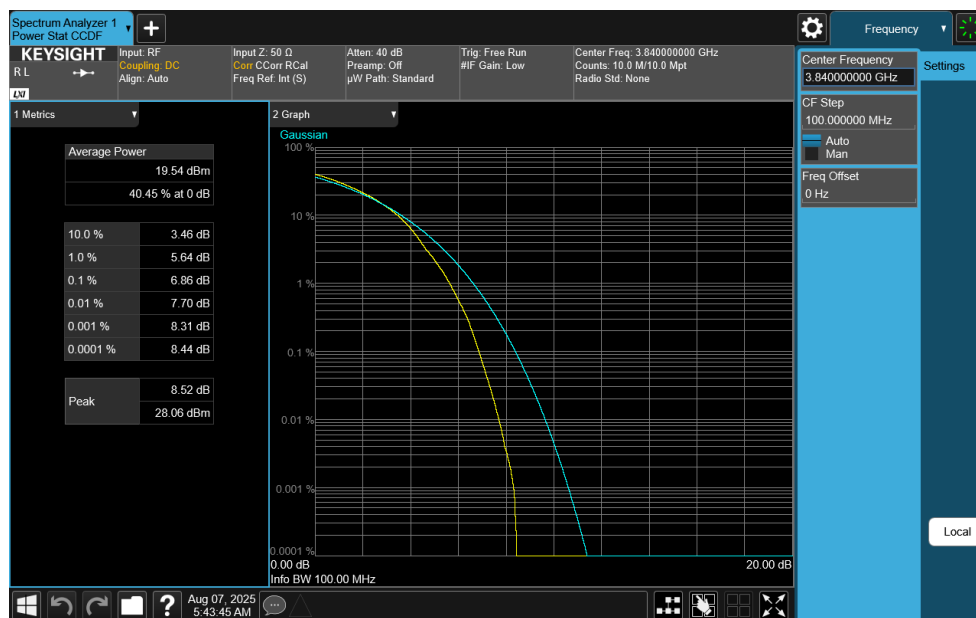
FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Plot 7-401. PAR Plot (NR Band n77 C-Band - 100MHz DFT-s-OFDM 64-QAM - Full RB)



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.

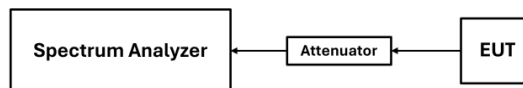


Figure 7-5. FR1 Test Instrument & Measurement Setup

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	0.60	24 / 0	27.42	28.02	0.633	30.00	-1.98
		3500.01	0.60	24 / 0	27.26	27.86	0.610	30.00	-2.14
		3544.98	0.60	24 / 0	27.38	27.98	0.628	30.00	-2.02
	QPSK	3455.01	0.60	1 / 22	27.48	28.08	0.643	30.00	-1.92
		3500.01	0.60	1 / 1	27.27	27.87	0.613	30.00	-2.13
		3544.98	0.60	1 / 22	27.37	27.97	0.626	30.00	-2.03
	16-QAM	3455.01	0.60	1 / 1	26.25	26.85	0.484	30.00	-3.15
		3500.01	0.60	24 / 0	25.65	26.25	0.421	30.00	-3.75
		3544.98	0.60	24 / 0	25.63	26.23	0.385	30.00	-5.77
	256-QAM	3457.50	0.60	36 / 0	27.38	27.98	0.629	30.00	-2.02
15 MHz	n/2 BPSK	3500.01	0.60	1 / 18	27.27	27.87	0.613	30.00	-2.13
		3542.49	0.60	36 / 0	27.34	27.94	0.623	30.00	-2.06
		3547.50	0.60	1 / 1	27.42	28.02	0.634	30.00	-1.98
	QPSK	3500.01	0.60	1 / 36	27.28	27.88	0.613	30.00	-2.12
		3542.49	0.60	1 / 18	27.32	27.92	0.619	30.00	-2.08
		3542.49	0.60	1 / 36	26.40	27.00	0.501	30.00	-3.00
	16-QAM	3457.50	0.60	36 / 0	25.50	26.10	0.407	30.00	-3.90
		3457.50	0.60	36 / 0	23.52	24.12	0.258	30.00	-5.88
		3460.02	0.60	50 / 0	27.38	27.98	0.628	30.00	-2.02
	256-QAM	3500.01	0.60	50 / 0	27.20	27.80	0.602	30.00	-2.20
20 MHz	n/2 BPSK	3540.00	0.60	50 / 0	27.31	27.91	0.618	30.00	-2.09
		3460.02	0.60	1 / 1	27.40	28.00	0.630	30.00	-2.00
		3500.01	0.60	1 / 1	27.22	27.82	0.605	30.00	-2.18
	QPSK	3540.00	0.60	1 / 49	27.29	27.89	0.614	30.00	-2.11
		3540.00	0.60	1 / 1	26.31	26.91	0.491	30.00	-3.09
		3460.02	0.60	50 / 0	25.42	26.02	0.400	30.00	-3.98
	16-QAM	3460.02	0.60	50 / 0	23.48	24.08	0.256	30.00	-5.92
		3462.51	0.60	64 / 0	27.38	27.98	0.629	30.00	-2.02
		3500.01	0.60	64 / 0	27.26	27.86	0.611	30.00	-2.14
	256-QAM	3537.48	0.60	64 / 0	27.34	27.94	0.622	30.00	-2.06
		3462.51	0.60	1 / 1	27.32	27.92	0.619	30.00	-2.08
25 MHz	n/2 BPSK	3500.01	0.60	1 / 32	27.23	27.83	0.606	30.00	-2.17
		3537.48	0.60	1 / 1	27.24	27.84	0.608	30.00	-2.16
		3462.51	0.60	1 / 1	26.30	26.90	0.489	30.00	-3.10
	QPSK	3462.51	0.60	64 / 0	25.52	26.12	0.409	30.00	-3.88
		3462.51	0.60	64 / 0	23.50	24.10	0.257	30.00	-5.90
		3465.00	0.60	1 / 1	27.40	28.00	0.631	30.00	-2.00
	16-QAM	3500.01	0.60	1 / 1	27.20	27.80	0.602	30.00	-2.20
		3534.99	0.60	75 / 0	27.27	27.87	0.613	30.00	-2.13
		3465.00	0.60	1 / 1	27.45	28.05	0.638	30.00	-1.95
	256-QAM	3500.01	0.60	1 / 1	27.25	27.85	0.609	30.00	-2.15
		3534.99	0.60	1 / 76	27.27	27.87	0.613	30.00	-2.13
30 MHz	n/2 BPSK	3465.00	0.60	1 / 1	26.23	26.83	0.482	30.00	-3.17
		3465.00	0.60	75 / 0	25.43	26.03	0.401	30.00	-3.97
		3465.00	0.60	75 / 0	23.39	23.99	0.251	30.00	-6.01
	QPSK	3470.01	0.60	1 / 1	27.40	28.00	0.631	30.00	-2.00
		3500.01	0.60	1 / 1	27.21	27.81	0.604	30.00	-2.19
		3529.98	0.60	100 / 0	27.25	27.85	0.610	30.00	-2.15
	16-QAM	3470.01	0.60	1 / 1	27.29	27.89	0.615	30.00	-2.11
		3500.01	0.60	1 / 1	27.16	27.76	0.596	30.00	-2.24
		3529.98	0.60	1 / 104	27.26	27.86	0.611	30.00	-2.14
	256-QAM	3470.01	0.60	1 / 1	26.31	26.91	0.491	30.00	-3.08
		3470.01	0.60	100 / 0	25.36	25.96	0.394	30.00	-4.04
40 MHz	n/2 BPSK	3470.01	0.60	100 / 0	23.37	23.97	0.249	30.00	-6.03
		3475.02	0.60	128 / 0	27.37	27.97	0.627	30.00	-2.03
		3500.01	0.60	128 / 0	27.30	27.90	0.616	30.00	-2.10
	QPSK	3525.00	0.60	128 / 0	27.18	27.78	0.600	30.00	-2.22
		3475.02	0.60	1 / 64	27.20	27.80	0.603	30.00	-2.20
		3500.01	0.60	1 / 64	27.06	27.66	0.584	30.00	-2.34
	16-QAM	3525.00	0.60	1 / 64	27.10	27.70	0.589	30.00	-2.30
		3475.02	0.60	1 / 1	26.22	26.82	0.481	30.00	-3.18
		3475.02	0.60	128 / 0	25.34	25.94	0.393	30.00	-4.06
	256-QAM	3475.02	0.60	128 / 0	23.29	23.89	0.245	30.00	-6.11
50 MHz	n/2 BPSK	3480.00	0.60	1 / 1	27.34	27.94	0.622	30.00	-2.06
		3500.01	0.60	1 / 160	27.14	27.74	0.594	30.00	-2.26
		3519.99	0.60	162 / 0	27.10	27.70	0.588	30.00	-2.30
	QPSK	3480.00	0.60	1 / 1	27.36	27.96	0.625	30.00	-2.04
		3500.01	0.60	1 / 1	27.25	27.85	0.609	30.00	-2.15
		3519.99	0.60	1 / 160	27.26	27.86	0.611	30.00	-2.14
	16-QAM	3480.00	0.60	1 / 1	26.28	26.88	0.487	30.00	-3.12
		3480.00	0.60	162 / 0	25.19	25.79	0.380	30.00	-4.21
		3480.00	0.60	162 / 0	23.26	23.86	0.243	30.00	-6.14
	256-QAM	3485.01	0.60	180 / 0	27.25	27.85	0.610	30.00	-2.15
		3500.01	0.60	180 / 0	27.20	27.80	0.602	30.00	-2.20
60 MHz	n/2 BPSK	3514.98	0.60	180 / 0	27.08	27.68	0.586	30.00	-2.32
		3485.01	0.60	1 / 1	27.14	27.74	0.594	30.00	-2.26
		3500.01	0.60	1 / 187	27.17	27.77	0.598	30.00	-2.23
	QPSK	3514.98	0.60	1 / 187	27.15	27.75	0.596	30.00	-2.25
		3485.01	0.60	1 / 1	26.46	27.06	0.509	30.00	-2.94
		3485.01	0.60	180 / 0	25.18	25.78	0.378	30.00	-4.22
	16-QAM	3485.01	0.60	180 / 0	23.27	23.87	0.244	30.00	-6.13
		3490.02	0.60	1 / 1	27.30	27.90	0.617	30.00	-2.10
		3500.01	0.60	216 / 0	27.13	27.73	0.592	30.00	-2.27
	256-QAM	3510.00	0.60	1 / 1	27.22	27.82	0.606	30.00	-2.18
		3490.02	0.60	1 / 1	27.34	27.94	0.622	30.00	-2.06
70 MHz	n/2 BPSK	3500.01	0.60	1 / 1	27.30	27.90	0.616	30.00	-2.10
		3510.00	0.60	1 / 1	27.19	27.79	0.602	30.00	-2.21
		3500.01	0.60	1 / 1	26.25	26.85	0.484	30.00	-3.15
	QPSK	3500.01	0.60	216 / 0	25.19	25.79	0.379	30.00	-4.21
		3500.01	0.60	216 / 0	23.25	23.85	0.243	30.00	-6.15
		3495.00	0.60	1 / 1	27.25	27.85	0.610	30.00	-2.15
	16-QAM	3500.01	0.60	243 / 0	27.12	27.72	0.591	30.00	-2.28
		3504.99	0.60	1 / 1	27.14	27.74	0.594	30.00	-2.26
		3495.00	0.60	1 / 1	27.23	27.83	0.606	30.00	-2.17
	256-QAM	3500.01	0.60	1 / 1	26.96	27.56	0.570	30.00	-2.44
		3504.99	0.60	1 / 1	26.82	27.42	0.563	30.00	-2.58
80 MHz	n/2 BPSK	3504.99	0.60	1 / 1	25.77	26.37	0.434	30.00	-3.63
		3495.00	0.60	243 / 0	24.72	25.32	0.341	30.00	-4.68
		3500.01	0.60	243 / 0	22.73	23.33	0.215	30.00	-6.67
	QPSK	3500.01	0.60	270 / 0	27.29	27.89	0.615	30.00	-2.11
		3500.01	0.60	1 / 271	27.13	27.73	0.593	30.00	-2.27
		3500.01	0.60	1 / 135	26.97	26.57	0.454	30.00	-3.43
	16-QAM	3500.01	0.60	270 / 0	25.32	25.92	0.391	30.00	-4.08
		3500.01	0.60	270 / 0	23.26	23.86	0.243	30.00	-6.14
		3500.01	0.60	270 / 0	23.26	23.86	0.243	30.00	-6.14
	256-QAM	3500.01	0.60	270 / 0	23.26	23.86	0.243	30.00	-6.14
		3500.01	0.60	270 / 0	23.26	23.86	0.243	30.00	-6.14
		3500.01	0.60	270 / 0	23.26	23.86	0.243	30.00	-6.14

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

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170041-11.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 225 of 257

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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	0.60	24 / 0	25.48	26.08	0.406	30.00	-3.92	
		3500.01	0.60	24 / 0	25.27	25.87	0.386	30.00	-4.13	
		3544.98	0.60	24 / 0	25.35	25.95	0.394	30.00	-4.05	
		3455.01	0.60	1 / 12	25.48	26.08	0.405	30.00	-3.92	
		3500.01	0.60	1 / 1	25.25	25.85	0.385	30.00	-4.15	
	QPSK	3544.98	0.60	1 / 12	25.31	25.91	0.390	30.00	-4.09	
		16-QAM	3455.01	0.60	1 / 12	24.26	24.86	0.306	30.00	-5.14
		64-QAM	3455.01	0.60	24 / 0	23.60	24.20	0.263	30.00	-5.80
		256-QAM	3455.01	0.60	24 / 0	21.62	22.22	0.167	30.00	-7.78
		256-QAM	3457.50	0.60	36 / 0	25.37	25.97	0.395	30.00	-4.03
15 MHz	π/2 BPSK	3500.01	0.60	36 / 0	25.19	25.79	0.380	30.00	-4.21	
		3542.49	0.60	36 / 0	25.31	25.91	0.390	30.00	-4.09	
		3457.50	0.60	1 / 1	25.41	26.01	0.399	30.00	-3.99	
		3500.01	0.60	1 / 36	25.21	25.81	0.381	30.00	-4.19	
		3542.49	0.60	1 / 1	25.27	25.87	0.386	30.00	-4.13	
	QPSK	3457.50	0.60	1 / 1	24.29	24.89	0.308	30.00	-5.11	
		64-QAM	3457.50	0.60	36 / 0	23.50	24.10	0.257	30.00	-5.90
		256-QAM	3457.50	0.60	36 / 0	21.52	22.12	0.163	30.00	-7.88
		256-QAM	3460.02	0.60	50 / 0	25.37	25.97	0.395	30.00	-4.03
		3500.01	0.60	50 / 0	25.22	25.82	0.382	30.00	-4.18	
20 MHz	π/2 BPSK	3540.00	0.60	50 / 0	25.29	25.89	0.388	30.00	-4.11	
		3460.02	0.60	1 / 1	25.39	25.99	0.397	30.00	-4.01	
		3500.01	0.60	1 / 1	25.24	25.84	0.384	30.00	-4.16	
		3540.00	0.60	1 / 49	25.26	25.86	0.386	30.00	-4.14	
		3500.01	0.60	1 / 1	24.28	24.88	0.307	30.00	-5.12	
	QPSK	64-QAM	3460.02	0.60	50 / 0	23.46	24.06	0.254	30.00	-5.94
		256-QAM	3460.02	0.60	50 / 0	21.50	22.10	0.162	30.00	-7.90
		256-QAM	3462.51	0.60	64 / 0	25.41	26.01	0.399	30.00	-3.99
		π/2 BPSK	3500.01	0.60	64 / 0	25.29	25.89	0.388	30.00	-4.11
		3537.48	0.60	64 / 0	25.34	25.94	0.393	30.00	-4.06	
25 MHz	QPSK	3462.51	0.60	1 / 1	25.64	26.24	0.421	30.00	-3.76	
		3500.01	0.60	1 / 32	25.15	25.75	0.376	30.00	-4.25	
		3537.48	0.60	1 / 32	25.24	25.84	0.384	30.00	-4.16	
		16-QAM	3500.01	0.60	1 / 32	24.16	24.76	0.299	30.00	-5.24
		64-QAM	3462.51	0.60	64 / 0	23.52	24.12	0.258	30.00	-5.88
	256-QAM	3462.51	0.60	64 / 0	21.52	22.12	0.163	30.00	-7.88	
		3465.00	0.60	75 / 0	25.41	26.01	0.399	30.00	-3.99	
		π/2 BPSK	3500.01	0.60	1 / 1	25.30	25.90	0.389	30.00	-4.10
		3534.99	0.60	75 / 0	25.31	25.91	0.390	30.00	-4.09	
		3465.00	0.60	1 / 1	25.49	26.09	0.407	30.00	-3.91	
30 MHz	QPSK	3500.01	0.60	1 / 1	25.31	25.91	0.390	30.00	-4.09	
		3534.99	0.60	1 / 76	25.34	25.94	0.392	30.00	-4.06	
		16-QAM	3465.00	0.60	1 / 1	24.30	24.90	0.309	30.00	-5.10
		64-QAM	3465.00	0.60	75 / 0	23.53	24.13	0.259	30.00	-5.87
		256-QAM	3465.00	0.60	75 / 0	21.50	22.10	0.162	30.00	-7.90
	π/2 BPSK	3470.01	0.60	1 / 1	25.43	26.03	0.401	30.00	-3.97	
		3500.01	0.60	1 / 1	25.28	25.88	0.387	30.00	-4.12	
		3529.98	0.60	100 / 0	25.31	25.91	0.390	30.00	-4.09	
		QPSK	3470.01	0.60	1 / 1	25.47	26.07	0.404	30.00	-3.93
		3500.01	0.60	1 / 104	25.29	25.89	0.388	30.00	-4.11	
40 MHz	QPSK	3529.98	0.60	1 / 104	25.29	25.89	0.389	30.00	-4.11	
		16-QAM	3500.01	0.60	1 / 1	24.26	24.86	0.306	30.00	-5.14
		64-QAM	3470.01	0.60	100 / 0	23.39	23.99	0.251	30.00	-6.01
		256-QAM	3470.01	0.60	100 / 0	21.40	22.00	0.159	30.00	-8.00
		256-QAM	3475.02	0.60	128 / 0	25.49	26.09	0.406	30.00	-3.91
	π/2 BPSK	3500.01	0.60	128 / 0	25.27	25.87	0.387	30.00	-4.13	
		3525.00	0.60	128 / 0	25.28	25.88	0.387	30.00	-4.12	
		3475.02	0.60	1 / 64	25.33	25.93	0.392	30.00	-4.07	
		QPSK	3500.01	0.60	1 / 64	25.25	25.85	0.384	30.00	-4.15
		3525.00	0.60	1 / 64	25.24	25.84	0.383	30.00	-4.16	
50 MHz	16-QAM	3525.00	0.60	1 / 64	24.33	24.93	0.312	30.00	-5.07	
		64-QAM	3475.02	0.60	128 / 0	23.49	24.09	0.257	30.00	-5.91
		256-QAM	3475.02	0.60	128 / 0	21.47	22.07	0.161	30.00	-7.93
		256-QAM	3480.00	0.60	1 / 1	25.34	25.94	0.393	30.00	-4.06
		π/2 BPSK	3500.01	0.60	162 / 0	25.25	25.85	0.385	30.00	-4.15
	QPSK	3519.99	0.60	1 / 160	25.30	25.90	0.389	30.00	-4.10	
		3480.00	0.60	1 / 1	25.32	25.92	0.391	30.00	-4.08	
		3500.01	0.60	1 / 1	25.30	25.90	0.389	30.00	-4.10	
		3519.99	0.60	1 / 160	25.37	25.97	0.395	30.00	-4.03	
		16-QAM	3480.00	0.60	1 / 1	24.32	24.92	0.311	30.00	-5.08
60 MHz	π/2 BPSK	3480.00	0.60	162 / 0	23.31	23.91	0.246	30.00	-6.09	
		256-QAM	3480.00	0.60	162 / 0	21.30	21.90	0.155	30.00	-8.10
		256-QAM	3485.01	0.60	1 / 1	25.26	25.86	0.386	30.00	-4.14
		π/2 BPSK	3500.01	0.60	1 / 1	25.25	25.85	0.385	30.00	-4.15
		3514.98	0.60	180 / 0	25.20	25.80	0.381	30.00	-4.20	
	QPSK	3485.01	0.60	1 / 1	25.42	26.02	0.400	30.00	-3.98	
		3500.01	0.60	1 / 1	25.33	25.93	0.392	30.00	-4.07	
		3514.98	0.60	1 / 187	25.22	25.82	0.382	30.00	-4.18	
		16-QAM	3485.01	0.60	1 / 1	24.20	24.80	0.302	30.00	-5.20
		64-QAM	3485.01	0.60	180 / 0	23.23	23.83	0.242	30.00	-6.17
70 MHz	256-QAM	3485.01	0.60	180 / 0	21.23	21.83	0.152	30.00	-8.17	
		π/2 BPSK	3490.02	0.60	1 / 1	25.26	25.86	0.386	30.00	-4.14
		3500.01	0.60	216 / 0	25.20	25.80	0.380	30.00	-4.20	
		3510.00	0.60	1 / 1	25.14	25.74	0.375	30.00	-4.26	
		QPSK	3490.02	0.60	1 / 1	25.42	26.02	0.400	30.00	-3.98
	π/2 BPSK	3500.01	0.60	1 / 1	25.43	26.03	0.400	30.00	-3.97	
		3510.00	0.60	1 / 1	25.19	25.79	0.379	30.00	-4.21	
		16-QAM	3500.01	0.60	1 / 108	24.18	24.78	0.301	30.00	-5.22
		64-QAM	3500.01	0.60	216 / 0	23.24	23.84	0.242	30.00	-6.16
		256-QAM	3490.02	0.60	216 / 0	21.26	21.86	0.153	30.00	-8.14
80 MHz	π/2 BPSK	3495.00	0.60	1 / 1	25.36	25.96	0.395	30.00	-4.04	
		3500.01	0.60	1 / 1	25.21	25.81	0.381	30.00	-4.19	
		3504.99	0.60	243 / 0	25.21	25.81	0.381	30.00	-4.19	
		3495.00	0.60	1 / 1	25.39	25.99	0.397	30.00	-4.01	
		QPSK	3500.01	0.60	1 / 120	25.30	25.90	0.389	30.00	-4.10
	16-QAM	3504.99	0.60	1 / 1	25.29	25.89	0.388	30.00	-4.11	
		256-QAM	3504.99	0.60	1 / 1	24.19	24.79	0.302	30.00	-5.21
		64-QAM	3500.01	0.60	243 / 0	23.25	23.85	0.243	30.00	-6.15
		256-QAM	3495.00	0.60	243 / 0	21.26	21.86	0.153	30.00	-8.14
		π/2 BPSK	3500.01	0.60	1 / 1	25.48	26.08	0.405	30.00	-3.92
100 MHz	QPSK	3500.01	0.60	1 / 1	25.37	25.97	0.396	30.00	-4.03	
	16-QAM	3500.01	0.60	1 / 271	24.36	24.96	0.313	30.00	-5.04	
	64-QAM	3500.01	0.60	270 / 0	23.19	23.79	0.239	30.00	-6.21	
	256-QAM	3500.01	0.60	270 / 0	21.31	21.91	0.155	30.00	-8.09	

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	3705.00	0.10	24 / 0	27.03	27.13	0.516	30.00	-2.87
		3840.00	0.10	24 / 0	27.19	27.29	0.536	30.00	-2.71
		3975.00	0.10	24 / 0	27.05	27.15	0.519	30.00	-2.85
	QPSK	3705.00	0.10	1 / 22	27.13	27.23	0.539	30.00	-2.77
		3840.00	0.10	1 / 12	27.19	27.29	0.535	30.00	-2.71
		3975.00	0.10	1 / 12	27.15	27.25	0.531	30.00	-2.75
	16-QAM	3840.00	0.10	1 / 12	26.01	26.11	0.408	30.00	-3.89
		3840.00	0.10	24 / 0	25.35	25.45	0.351	30.00	-4.55
		3840.00	0.10	24 / 0	23.33	23.43	0.220	30.00	-6.57
	256-QAM	3707.51	0.10	36 / 0	27.08	27.18	0.522	30.00	-2.82
15 MHz	n/2 BPSK	3840.00	0.10	36 / 0	27.18	27.28	0.535	30.00	-2.72
		3972.50	0.10	36 / 0	27.13	27.23	0.529	30.00	-2.77
		3707.51	0.10	1 / 1	27.10	27.20	0.524	30.00	-2.80
	QPSK	3840.00	0.10	1 / 1	27.12	27.22	0.528	30.00	-2.78
		3972.50	0.10	1 / 1	27.16	27.26	0.532	30.00	-2.74
		3707.51	0.10	1 / 36	26.21	26.31	0.428	30.00	-3.69
	16-QAM	3840.00	0.10	36 / 0	25.25	25.35	0.343	30.00	-4.65
		3840.00	0.10	36 / 0	23.30	23.40	0.219	30.00	-6.60
		3707.51	0.10	50 / 0	27.13	27.23	0.528	30.00	-2.77
	256-QAM	3840.00	0.10	50 / 0	27.23	27.33	0.541	30.00	-2.67
20 MHz	n/2 BPSK	3969.99	0.10	50 / 0	27.18	27.28	0.535	30.00	-2.72
		3710.01	0.10	1 / 1	27.12	27.22	0.527	30.00	-2.78
		3840.00	0.10	1 / 49	27.19	27.29	0.536	30.00	-2.71
	QPSK	3969.99	0.10	1 / 1	27.19	27.29	0.536	30.00	-2.71
		3840.00	0.10	1 / 25	26.30	26.40	0.436	30.00	-3.60
		3710.01	0.10	50 / 0	25.26	25.36	0.343	30.00	-4.64
	16-QAM	3840.00	0.10	50 / 0	25.26	25.36	0.343	30.00	-4.64
		3840.00	0.10	50 / 0	23.39	23.49	0.223	30.00	-6.51
		3712.50	0.10	64 / 0	27.08	27.18	0.522	30.00	-2.82
	256-QAM	3840.00	0.10	64 / 0	27.33	27.43	0.554	30.00	-2.57
25 MHz	n/2 BPSK	3967.50	0.10	64 / 0	27.30	27.40	0.549	30.00	-2.60
		3712.50	0.10	1 / 63	27.09	27.19	0.523	30.00	-2.81
		3840.00	0.10	1 / 32	27.25	27.35	0.544	30.00	-2.65
	QPSK	3967.50	0.10	1 / 1	27.17	27.27	0.534	30.00	-2.73
		3712.50	0.10	1 / 1	26.14	26.24	0.421	30.00	-3.76
		3840.00	0.10	64 / 0	25.52	25.62	0.366	30.00	-4.48
	16-QAM	3840.00	0.10	64 / 0	23.41	23.51	0.224	30.00	-6.49
		3715.02	0.10	1 / 76	27.07	27.17	0.522	30.00	-2.83
		3964.98	0.10	75 / 0	27.27	27.37	0.546	30.00	-2.63
	256-QAM	3964.98	0.10	75 / 0	27.29	27.39	0.548	30.00	-2.61
30 MHz	n/2 BPSK	3715.02	0.10	1 / 76	27.17	27.27	0.533	30.00	-2.73
		3840.00	0.10	1 / 36	27.38	27.48	0.569	30.00	-2.52
		3964.98	0.10	1 / 1	27.32	27.42	0.553	30.00	-2.58
	QPSK	3964.98	0.10	1 / 76	26.31	26.41	0.437	30.00	-3.59
		3840.00	0.10	75 / 0	25.37	25.47	0.352	30.00	-4.53
		3964.98	0.10	75 / 0	25.30	25.40	0.340	30.00	-4.60
	16-QAM	3720.00	0.10	100 / 0	27.09	27.19	0.524	30.00	-2.81
		3840.00	0.10	100 / 0	27.30	27.40	0.550	30.00	-2.60
		3960.00	0.10	100 / 0	27.36	27.46	0.558	30.00	-2.54
	256-QAM	3720.00	0.10	1 / 50	27.06	27.16	0.519	30.00	-2.84
40 MHz	n/2 BPSK	3840.00	0.10	1 / 104	27.25	27.35	0.543	30.00	-2.65
		3960.00	0.10	1 / 1	27.34	27.44	0.555	30.00	-2.56
		3840.00	0.10	1 / 50	26.15	26.25	0.421	30.00	-3.75
	QPSK	3960.00	0.10	100 / 0	25.35	25.45	0.351	30.00	-4.55
		3720.00	0.10	100 / 0	23.35	23.45	0.221	30.00	-6.55
		3725.01	0.10	128 / 0	27.21	27.31	0.538	30.00	-2.69
	16-QAM	3840.00	0.10	128 / 0	27.41	27.51	0.563	30.00	-2.49
		3954.99	0.10	128 / 0	27.46	27.56	0.571	30.00	-2.44
		3725.01	0.10	1 / 64	27.15	27.25	0.531	30.00	-2.75
	256-QAM	3840.00	0.10	1 / 64	27.31	27.41	0.551	30.00	-2.59
50 MHz	n/2 BPSK	3954.99	0.10	1 / 64	27.26	27.36	0.545	30.00	-2.64
		3725.01	0.10	1 / 64	26.14	26.24	0.420	30.00	-3.76
		3840.00	0.10	128 / 0	25.47	25.57	0.360	30.00	-4.43
	QPSK	3954.99	0.10	128 / 0	23.40	23.50	0.224	30.00	-6.50
		3720.00	0.10	1 / 81	27.17	27.27	0.533	30.00	-2.73
		3840.00	0.10	162 / 0	27.32	27.42	0.551	30.00	-2.58
	16-QAM	3949.98	0.10	162 / 0	27.33	27.43	0.554	30.00	-2.57
		3730.02	0.10	1 / 180	27.06	27.16	0.520	30.00	-2.84
		3840.00	0.10	1 / 81	27.29	27.39	0.549	30.00	-2.61
	256-QAM	3949.98	0.10	1 / 81	27.30	27.40	0.550	30.00	-2.60
60 MHz	n/2 BPSK	3949.98	0.10	1 / 81	26.39	26.49	0.446	30.00	-3.51
		3840.00	0.10	162 / 0	25.33	25.43	0.349	30.00	-4.57
		3730.02	0.10	162 / 0	23.30	23.40	0.219	30.00	-6.60
	QPSK	3735.00	0.10	180 / 0	27.07	27.17	0.521	30.00	-2.83
		3840.00	0.10	180 / 0	27.28	27.38	0.546	30.00	-2.62
		3945.00	0.10	1 / 90	27.28	27.38	0.547	30.00	-2.62
	16-QAM	3735.00	0.10	1 / 187	27.21	27.31	0.538	30.00	-2.69
		3840.00	0.10	1 / 90	27.17	27.27	0.534	30.00	-2.73
		3945.00	0.10	1 / 1	27.08	27.18	0.523	30.00	-2.82
	256-QAM	3735.00	0.10	1 / 187	26.25	26.35	0.431	30.00	-3.65
70 MHz	n/2 BPSK	3840.00	0.10	180 / 0	25.29	25.39	0.346	30.00	-4.61
		3840.00	0.10	180 / 0	23.30	23.40	0.219	30.00	-6.60
		3735.00	0.10	180 / 0	27.07	27.17	0.521	30.00	-2.83
	QPSK	3840.00	0.10	1 / 215	27.31	27.41	0.551	30.00	-2.59
		3840.00	0.10	1 / 108	27.35	27.45	0.556	30.00	-2.55
		3939.99	0.10	216 / 0	27.32	27.42	0.551	30.00	-2.58
	16-QAM	3740.01	0.10	1 / 215	27.31	27.41	0.551	30.00	-2.59
		3840.00	0.10	1 / 108	27.24	27.34	0.542	30.00	-2.66
		3939.99	0.10	1 / 108	27.31	27.41	0.551	30.00	-2.59
	256-QAM	3939.99	0.10	1 / 1	26.29	26.39	0.436	30.00	-3.61
80 MHz	n/2 BPSK	3840.00	0.10	216 / 0	25.39	25.49	0.354	30.00	-4.51
		3840.00	0.10	216 / 0	23.36	23.46	0.222	30.00	-6.54
		3740.01	0.10	1 / 215	27.31	27.41	0.551	30.00	-2.59
	QPSK	3840.00	0.10	243 / 0	27.30	27.40	0.550	30.00	-2.60
		3934.98	0.10	243 / 0	27.30	27.40	0.550	30.00	-2.60
		3745.02	0.10	1 / 1	27.12	27.22	0.527	30.00	-2.78
	16-QAM	3840.00	0.10	1 / 120	27.25	27.35	0.544	30.00	-2.65
		3934.98	0.10	1 / 120	27.30	27.40	0.550	30.00	-2.60
		3745.02	0.10	1 / 187	26.14	26.24	0.420	30.00	-3.76
	256-QAM	3934.98	0.10	243 / 0	25.30	25.40	0.346	30.00	-4.60
90 MHz	n/2 BPSK	3840.00	0.10	243 / 0	23.33	23.43	0.221	30.00	-6.57
		3750.00	0.10	270 / 0	27.16	27.26	0.531	30.00	-2.74
		3840.00	0.10	270 / 0	27.31	27.41	0.551	30.00	-2.59
	QPSK	3930.00	0.10	270 / 0	27.29	27.39	0.548	30.00	-2.61
		3750.00	0.10	1 / 135	27.21	27.31	0.539	30.00	-2.69
		3840.00	0.10	1 / 271	27.18	27.28	0.535	30.00	-2.72
	16-QAM	3930.00	0.10	1 / 135	27.32	27.42	0.552	30.00	-2.58
		3840.00	0.10	1 / 135	26.06	26.16	0.413	30.00	-3.84
		3930.00	0.10	270 / 0	25.35	25.45	0.351	30.00	-4.55
	256-QAM	3840.00	0.10	270 / 0	23.32	23.42	0.220	30.00	-6.58
		3750.00	0.10	270 / 0	27.16	27.26	0.531	30.00	-2.74

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-11.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 227 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	0.10	24 / 0	25.37	25.47	0.352	30.00	-4.53	
		3840.00	0.10	24 / 0	25.54	25.64	0.367	30.00	-4.36	
		3975.00	0.10	24 / 0	25.49	25.59	0.362	30.00	-4.41	
		3705.00	0.10	1 / 22	25.32	25.42	0.348	30.00	-4.58	
		3840.00	0.10	1 / 22	25.51	25.61	0.364	30.00	-4.39	
	QPSK	3975.00	0.10	1 / 12	25.40	25.50	0.355	30.00	-4.50	
		16-QAM	3840.00	0.10	1 / 22	24.40	24.50	0.282	30.00	-5.50
		64-QAM	3840.00	0.10	24 / 0	23.65	23.75	0.237	30.00	-6.25
		256-QAM	3840.00	0.10	24 / 0	21.65	21.75	0.152	30.00	-8.25
		3707.51	0.10	36 / 0	25.24	25.34	0.342	30.00	-4.66	
15 MHz	π/2 BPSK	3840.00	0.10	36 / 0	25.47	25.57	0.361	30.00	-4.43	
		3972.50	0.10	36 / 0	25.37	25.47	0.352	30.00	-4.53	
		3707.51	0.10	1 / 1	25.30	25.40	0.346	30.00	-4.60	
		3840.00	0.10	1 / 18	25.43	25.53	0.357	30.00	-4.47	
		3972.50	0.10	1 / 36	25.67	25.77	0.377	30.00	-4.23	
	QPSK	3840.00	0.10	1 / 18	24.27	24.37	0.273	30.00	-5.63	
		16-QAM	3840.00	0.10	36 / 0	23.51	23.61	0.230	30.00	-6.39
		64-QAM	3840.00	0.10	36 / 0	21.59	21.69	0.148	30.00	-8.31
		256-QAM	3840.00	0.10	36 / 0	21.59	21.69	0.148	30.00	-8.31
		3710.01	0.10	50 / 0	25.29	25.39	0.346	30.00	-4.61	
20 MHz	π/2 BPSK	3840.00	0.10	50 / 0	25.52	25.62	0.364	30.00	-4.38	
		3969.99	0.10	50 / 0	25.42	25.52	0.357	30.00	-4.48	
		3710.01	0.10	1 / 49	25.34	25.44	0.350	30.00	-4.56	
		3840.00	0.10	1 / 49	25.46	25.56	0.360	30.00	-4.44	
		3969.99	0.10	1 / 1	25.46	25.56	0.360	30.00	-4.44	
	QPSK	3840.00	0.10	1 / 1	24.33	24.43	0.277	30.00	-5.57	
		16-QAM	3840.00	0.10	50 / 0	23.56	23.66	0.233	30.00	-6.34
		64-QAM	3840.00	0.10	50 / 0	21.59	21.69	0.147	30.00	-8.31
		256-QAM	3840.00	0.10	50 / 0	21.59	21.69	0.147	30.00	-8.31
		3712.50	0.10	1 / 63	25.40	25.50	0.355	30.00	-4.50	
25 MHz	π/2 BPSK	3840.00	0.10	64 / 0	25.57	25.67	0.369	30.00	-4.33	
		3967.50	0.10	64 / 0	25.49	25.59	0.362	30.00	-4.41	
		3712.50	0.10	1 / 63	25.28	25.38	0.345	30.00	-4.62	
		3840.00	0.10	1 / 32	25.44	25.54	0.358	30.00	-4.46	
		3967.50	0.10	1 / 1	25.45	25.55	0.359	30.00	-4.45	
	QPSK	3840.00	0.10	1 / 32	24.47	24.57	0.286	30.00	-5.43	
		16-QAM	3840.00	0.10	64 / 0	23.66	23.76	0.238	30.00	-6.24
		64-QAM	3840.00	0.10	64 / 0	21.64	21.74	0.149	30.00	-8.26
		256-QAM	3840.00	0.10	64 / 0	21.64	21.74	0.149	30.00	-8.26
		3715.02	0.10	1 / 76	25.30	25.40	0.347	30.00	-4.60	
30 MHz	π/2 BPSK	3840.00	0.10	75 / 0	25.51	25.61	0.364	30.00	-4.39	
		3964.98	0.10	75 / 0	25.53	25.63	0.365	30.00	-4.37	
		3715.02	0.10	1 / 76	25.39	25.49	0.354	30.00	-4.51	
		3840.00	0.10	1 / 36	25.54	25.64	0.366	30.00	-4.36	
		3964.98	0.10	1 / 1	25.53	25.63	0.366	30.00	-4.37	
	QPSK	3840.00	0.10	1 / 1	24.47	24.57	0.286	30.00	-5.43	
		16-QAM	3840.00	0.10	75 / 0	23.56	23.66	0.232	30.00	-6.34
		64-QAM	3840.00	0.10	75 / 0	21.53	21.63	0.145	30.00	-8.37
		256-QAM	3840.00	0.10	75 / 0	21.53	21.63	0.145	30.00	-8.37
		3720.00	0.10	100 / 0	25.38	25.48	0.353	30.00	-4.52	
40 MHz	π/2 BPSK	3840.00	0.10	100 / 0	25.54	25.64	0.366	30.00	-4.36	
		3960.00	0.10	100 / 0	25.55	25.65	0.368	30.00	-4.35	
		3720.00	0.10	1 / 50	25.32	25.42	0.348	30.00	-4.58	
		3840.00	0.10	1 / 104	25.55	25.65	0.368	30.00	-4.35	
		3960.00	0.10	1 / 1	25.58	25.68	0.370	30.00	-4.32	
	QPSK	3840.00	0.10	1 / 1	24.50	24.60	0.289	30.00	-5.40	
		16-QAM	3960.00	0.10	100 / 0	23.60	23.70	0.234	30.00	-6.30
		64-QAM	3840.00	0.10	100 / 0	21.64	21.74	0.149	30.00	-8.26
		256-QAM	3840.00	0.10	100 / 0	21.64	21.74	0.149	30.00	-8.26
		3725.01	0.10	128 / 0	25.35	25.45	0.351	30.00	-4.55	
50 MHz	π/2 BPSK	3840.00	0.10	128 / 0	25.54	25.64	0.366	30.00	-4.36	
		3954.99	0.10	128 / 0	25.55	25.65	0.367	30.00	-4.35	
		3725.01	0.10	1 / 64	25.37	25.47	0.352	30.00	-4.53	
		3840.00	0.10	1 / 64	25.52	25.62	0.364	30.00	-4.38	
		3954.99	0.10	1 / 64	25.48	25.58	0.361	30.00	-4.42	
	QPSK	3840.00	0.10	1 / 64	24.37	24.47	0.280	30.00	-5.53	
		16-QAM	3954.99	0.10	128 / 0	23.63	23.73	0.236	30.00	-6.27
		64-QAM	3954.99	0.10	128 / 0	21.61	21.71	0.148	30.00	-8.29
		256-QAM	3954.99	0.10	128 / 0	21.61	21.71	0.148	30.00	-8.29
		3730.02	0.10	162 / 0	25.33	25.43	0.349	30.00	-4.57	
60 MHz	π/2 BPSK	3840.00	0.10	162 / 0	25.51	25.61	0.364	30.00	-4.39	
		3949.98	0.10	1 / 1	25.58	25.68	0.370	30.00	-4.32	
		3730.02	0.10	1 / 81	25.32	25.42	0.348	30.00	-4.58	
		3840.00	0.10	1 / 81	25.46	25.56	0.360	30.00	-4.44	
		3949.98	0.10	1 / 81	25.53	25.63	0.365	30.00	-4.37	
	QPSK	3840.00	0.10	1 / 1	24.47	24.57	0.287	30.00	-5.43	
		16-QAM	3949.98	0.10	162 / 0	23.49	23.59	0.228	30.00	-6.41
		64-QAM	3840.00	0.10	162 / 0	21.46	21.56	0.143	30.00	-8.44
		256-QAM	3840.00	0.10	162 / 0	21.46	21.56	0.143	30.00	-8.44
		3735.00	0.10	1 / 187	25.24	25.34	0.342	30.00	-4.66	
70 MHz	π/2 BPSK	3840.00	0.10	180 / 0	25.48	25.58	0.362	30.00	-4.42	
		3945.00	0.10	180 / 0	25.46	25.56	0.360	30.00	-4.44	
		3735.00	0.10	1 / 187	25.38	25.48	0.353	30.00	-4.52	
		3840.00	0.10	1 / 90	25.54	25.64	0.367	30.00	-4.36	
		3945.00	0.10	1 / 1	25.58	25.68	0.370	30.00	-4.32	
	QPSK	3840.00	0.10	1 / 187	24.22	24.32	0.270	30.00	-5.68	
		16-QAM	3840.00	0.10	180 / 0	23.50	23.60	0.229	30.00	-6.40
		64-QAM	3840.00	0.10	180 / 0	21.49	21.59	0.144	30.00	-8.41
		256-QAM	3840.00	0.10	180 / 0	21.49	21.59	0.144	30.00	-8.41
		3740.01	0.10	1 / 215	25.50	25.60	0.363	30.00	-4.40	
80 MHz	π/2 BPSK	3840.00	0.10	216 / 0	25.49	25.59	0.362	30.00	-4.41	
		3939.99	0.10	216 / 0	25.55	25.65	0.367	30.00	-4.35	
		3740.01	0.10	1 / 215	25.45	25.55	0.359	30.00	-4.45	
		3840.00	0.10	1 / 108	25.44	25.54	0.358	30.00	-4.46	
		3939.99	0.10	1 / 1	25.41	25.51	0.356	30.00	-4.49	
	QPSK	3840.00	0.10	1 / 215	24.34	24.44	0.278	30.00	-5.56	
		16-QAM	3840.00	0.10	216 / 0	23.52	23.62	0.230	30.00	-6.38
		64-QAM	3840.00	0.10	216 / 0	21.50	21.60	0.144	30.00	-8.40
		256-QAM	3840.00	0.10	216 / 0	21.50	21.60	0.144	30.00	-8.40
		3745.02	0.10	243 / 0	25.32	25.42	0.348	30.00	-4.58	
90 MHz	π/2 BPSK	3840.00	0.10	243 / 0	25.49	25.59	0.362	30.00	-4.41	
		3934.98	0.10	243 / 0	25.41	25.51	0.356	30.00	-4.49	
		3745.02	0.10	1 / 243	25.30	25.40	0.347	30.00	-4.60	
		3840.00	0.10	1 / 243	25.56	25.66	0.368	30.00	-4.34	
		3934.98	0.10	1 / 120	25.46	25.56	0.360	30.00	-4.44	
	QPSK	3840.00	0.10	1 / 243	24.30	24.40	0.275	30.00	-5.60	
		16-QAM	3840.00	0.10	243 / 0	23.43	23.53	0.226	30.00	-6.47
		64-QAM	3934.98	0.10	243 / 0	21.46	21.56	0.143	30.00	-8.44
		256-QAM	3934.98	0.10	243 / 0	21.46	21.56	0.143	30.00	-8.44
		3750.00	0.10	1 / 135	25.39	25.49	0.354	30.00	-4.51	
100 MHz	π/2 BPSK	3840.00	0.10	270 / 0	25.50	25.60	0.363	30.00	-4.40	
		3930.00	0.10	270 / 0	25.43	25.53	0.357	30.00	-4.47	
		3750.00	0.10	1 / 135	25.24	25.34	0.342	30.00	-4.66	
		3840.00	0.10	1 / 135	25.28	25.38	0.345	30.00	-4.62	
		3930.00	0.10	1 / 1	25.27	25.37	0.344	30.00	-4.63	
	QPSK	3840.00	0.10	1 / 135	24.33	24.43	0.277	30.00	-5.57	
		16-QAM	3930.00	0.10	270 / 0	23.53	23.63	0.231	30.00	-6.37
		64-QAM	3840.00	0.10	270 / 0	21.50	21.60	0.143	30.00	-8.37
		256-QAM	3840.00	0.10	270 / 0	21.50	21.60	0.143	30.00	-8.37
		3755.00	0.10	1 / 135	25.34	25.44	0.353	30.00	-4.54	

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	0.40	24 / 0	25.41	25.81	0.381	30.00	-4.19	
		3500.01	0.40	24 / 0	25.26	25.66	0.368	30.00	-4.34	
		3544.98	0.40	24 / 0	25.41	25.81	0.381	30.00	-4.19	
	QPSK	3455.01	0.40	1 / 1	25.33	25.73	0.374	30.00	-4.27	
		3500.01	0.40	1 / 22	25.30	25.70	0.372	30.00	-4.30	
		3544.98	0.40	1 / 22	25.45	25.85	0.385	30.00	-4.15	
	16-QAM	3544.98	0.40	1 / 1	24.24	24.64	0.291	30.00	-5.36	
		3544.98	0.40	24 / 0	23.55	23.95	0.249	30.00	-6.05	
		256-QAM	3544.98	0.40	24 / 0	21.63	22.03	0.199	30.00	-7.97
	15 MHz	π/2 BPSK	3457.50	0.40	1 / 1	25.43	25.83	0.383	30.00	-4.17
3500.01			0.40	36 / 0	25.34	25.74	0.375	30.00	-4.26	
3542.49			0.40	36 / 0	25.47	25.87	0.386	30.00	-4.13	
QPSK		3457.50	0.40	1 / 1	25.38	25.78	0.379	30.00	-4.22	
		3500.01	0.40	1 / 1	25.35	25.75	0.376	30.00	-4.25	
		3542.49	0.40	1 / 36	25.33	25.73	0.374	30.00	-4.27	
16-QAM		3457.50	0.40	1 / 1	24.32	24.72	0.297	30.00	-5.28	
		256-QAM	3457.50	0.40	36 / 0	23.42	23.82	0.241	30.00	-6.18
		256-QAM	3542.49	0.40	36 / 0	21.42	21.82	0.152	30.00	-8.18
20 MHz		π/2 BPSK	3460.02	0.40	1 / 1	25.40	25.80	0.380	30.00	-4.20
	3500.01		0.40	1 / 49	25.23	25.63	0.366	30.00	-4.37	
	3540.00		0.40	50 / 0	25.34	25.74	0.375	30.00	-4.26	
	QPSK	3460.02	0.40	1 / 1	25.26	25.66	0.368	30.00	-4.34	
		3500.01	0.40	1 / 49	25.23	25.63	0.366	30.00	-4.37	
		3540.00	0.40	1 / 49	25.25	25.65	0.367	30.00	-4.35	
	16-QAM	3540.00	0.40	1 / 25	24.34	24.74	0.298	30.00	-5.26	
		64-QAM	3540.00	0.40	50 / 0	23.40	23.80	0.240	30.00	-6.20
		256-QAM	3540.00	0.40	50 / 0	21.59	21.99	0.158	30.00	-8.01
	25 MHz	π/2 BPSK	3462.51	0.40	1 / 1	25.34	25.74	0.375	30.00	-4.26
3500.01			0.40	64 / 0	25.38	25.78	0.378	30.00	-4.22	
3537.48			0.40	64 / 0	25.45	25.85	0.384	30.00	-4.15	
QPSK		3462.51	0.40	1 / 32	25.34	25.74	0.375	30.00	-4.26	
		3500.01	0.40	1 / 63	25.32	25.72	0.373	30.00	-4.28	
		3537.48	0.40	1 / 1	25.29	25.69	0.371	30.00	-4.31	
16-QAM		3500.01	0.40	1 / 63	24.31	24.71	0.296	30.00	-5.29	
		256-QAM	3462.51	0.40	64 / 0	23.50	23.90	0.246	30.00	-6.10
		256-QAM	3462.51	0.40	64 / 0	21.49	21.89	0.155	30.00	-8.11
30 MHz		π/2 BPSK	3465.00	0.40	75 / 0	25.36	25.76	0.376	30.00	-4.24
	3500.01		0.40	75 / 0	25.24	25.64	0.366	30.00	-4.36	
	3534.99		0.40	75 / 0	25.32	25.72	0.373	30.00	-4.28	
	QPSK	3465.00	0.40	1 / 1	25.42	25.82	0.382	30.00	-4.18	
		3500.01	0.40	1 / 76	25.34	25.74	0.375	30.00	-4.26	
		3534.99	0.40	1 / 76	25.45	25.85	0.385	30.00	-4.15	
	16-QAM	3465.00	0.40	1 / 36	24.36	24.76	0.299	30.00	-5.24	
		64-QAM	3465.00	0.40	75 / 0	23.54	23.94	0.248	30.00	-6.06
		256-QAM	3465.00	0.40	75 / 0	21.51	21.91	0.155	30.00	-8.09
	40 MHz	π/2 BPSK	3470.01	0.40	1 / 1	25.40	25.80	0.380	30.00	-4.20
3500.01			0.40	100 / 0	25.33	25.73	0.374	30.00	-4.27	
3529.98			0.40	100 / 0	25.43	25.83	0.383	30.00	-4.17	
QPSK		3470.01	0.40	1 / 1	25.44	25.84	0.383	30.00	-4.16	
		3500.01	0.40	1 / 104	25.37	25.77	0.377	30.00	-4.23	
		3529.98	0.40	1 / 104	25.47	25.87	0.386	30.00	-4.13	
16-QAM		3470.01	0.40	1 / 1	24.29	24.69	0.295	30.00	-5.31	
		64-QAM	3529.98	0.40	100 / 0	23.41	23.81	0.241	30.00	-6.19
		256-QAM	3529.98	0.40	100 / 0	21.38	21.78	0.151	30.00	-8.22
50 MHz		π/2 BPSK	3475.02	0.40	128 / 0	25.31	25.71	0.372	30.00	-4.29
	3500.01		0.40	128 / 0	25.20	25.60	0.363	30.00	-4.40	
	3525.00		0.40	128 / 0	25.46	25.86	0.385	30.00	-4.14	
	QPSK	3475.02	0.40	1 / 64	25.25	25.65	0.367	30.00	-4.35	
		3500.01	0.40	1 / 131	25.21	25.61	0.364	30.00	-4.39	
		3525.00	0.40	1 / 64	25.27	25.67	0.369	30.00	-4.33	
	16-QAM	3475.02	0.40	1 / 1	24.16	24.56	0.286	30.00	-5.44	
		64-QAM	3525.00	0.40	128 / 0	23.56	23.96	0.249	30.00	-6.04
		256-QAM	3525.00	0.40	128 / 0	21.53	21.93	0.156	30.00	-8.07
	60 MHz	π/2 BPSK	3480.00	0.40	162 / 0	25.29	25.69	0.371	30.00	-4.31
3500.01			0.40	162 / 0	25.33	25.73	0.374	30.00	-4.27	
3519.99			0.40	162 / 0	25.33	25.73	0.374	30.00	-4.27	
QPSK		3480.00	0.40	1 / 1	25.38	25.78	0.379	30.00	-4.22	
		3500.01	0.40	1 / 160	25.37	25.77	0.377	30.00	-4.23	
		3519.99	0.40	1 / 160	25.29	25.69	0.371	30.00	-4.31	
16-QAM		3480.00	0.40	1 / 160	24.26	24.66	0.292	30.00	-5.34	
		64-QAM	3519.99	0.40	162 / 0	23.30	23.70	0.235	30.00	-6.30
		256-QAM	3519.99	0.40	162 / 0	21.33	21.73	0.149	30.00	-8.27
70 MHz		π/2 BPSK	3485.01	0.40	180 / 0	25.16	25.56	0.360	30.00	-4.44
	3500.01		0.40	180 / 0	25.11	25.51	0.356	30.00	-4.49	
	3514.98		0.40	1 / 187	25.34	25.74	0.375	30.00	-4.26	
	QPSK	3485.01	0.40	1 / 1	25.26	25.66	0.368	30.00	-4.34	
		3500.01	0.40	1 / 1	25.16	25.56	0.359	30.00	-4.44	
		3514.98	0.40	1 / 90	25.14	25.54	0.358	30.00	-4.46	
	16-QAM	3485.01	0.40	1 / 187	24.14	24.54	0.285	30.00	-5.46	
		64-QAM	3514.98	0.40	180 / 0	23.32	23.72	0.236	30.00	-6.28
		256-QAM	3514.98	0.40	180 / 0	21.28	21.68	0.147	30.00	-8.32
	80 MHz	π/2 BPSK	3490.02	0.40	1 / 1	25.28	25.68	0.370	30.00	-4.32
3500.01			0.40	216 / 0	25.29	25.69	0.371	30.00	-4.31	
3510.00			0.40	216 / 0	25.36	25.76	0.377	30.00	-4.24	
QPSK		3490.02	0.40	1 / 215	25.43	25.83	0.383	30.00	-4.17	
		3500.01	0.40	1 / 215	25.37	25.77	0.377	30.00	-4.23	
		3510.00	0.40	1 / 215	25.38	25.78	0.379	30.00	-4.22	
16-QAM		3510.00	0.40	1 / 215	24.22	24.62	0.290	30.00	-5.38	
		64-QAM	3510.00	0.40	216 / 0	23.39	23.79	0.239	30.00	-6.21
		256-QAM	3510.00	0.40	216 / 0	21.37	21.77	0.150	30.00	-8.23
90 MHz		π/2 BPSK	3495.00	0.40	243 / 0	25.21	25.61	0.364	30.00	-4.39
	3500.01		0.40	243 / 0	25.24	25.64	0.366	30.00	-4.36	
	3504.99		0.40	243 / 0	25.22	25.62	0.365	30.00	-4.38	
	QPSK	3495.00	0.40	1 / 1	25.33	25.73	0.374	30.00	-4.27	
		3500.01	0.40	1 / 1	25.14	25.54	0.358	30.00	-4.46	
		3504.99	0.40	1 / 243	25.35	25.75	0.376	30.00	-4.25	
	16-QAM	3500.01	0.40	1 / 243	24.20	24.60	0.288	30.00	-5.40	
		64-QAM	3504.99	0.40	243 / 0	23.23	23.63	0.230	30.00	-6.37
		256-QAM	3500.01	0.40	243 / 0	21.32	21.72	0.149	30.00	-8.28
	100 MHz	π/2 BPSK	3500.01	0.40	1 / 1	25.08	25.48	0.353	30.00	-4.52
QPSK		3500.01	0.40	1 / 1	25.12	25.52	0.357	30.00	-4.48	
64-QAM		3500.01	0.40	1 / 271	24.02	24.42	0.277	30.00	-5.58	
256-QAM		3500.01	0.40	270 / 0	23.03	23.43	0.220	30.00	-6.57	

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	0.40	24 / 0	24.67	25.07	0.321	30.00	-4.93	
		3500.01	0.40	24 / 0	24.48	24.88	0.307	30.00	-5.12	
		3544.98	0.40	24 / 0	24.55	24.95	0.313	30.00	-5.05	
		3455.01	0.40	1 / 1	24.67	25.07	0.321	30.00	-4.93	
		3500.01	0.40	1 / 22	24.45	24.85	0.305	30.00	-5.15	
	QPSK	3544.98	0.40	1 / 12	24.52	24.92	0.310	30.00	-5.08	
		3455.01	0.40	1 / 1	23.46	23.86	0.243	30.00	-6.14	
		64-QAM	3455.01	0.40	24 / 0	22.79	23.19	0.209	30.00	-6.81
		256-QAM	3455.01	0.40	24 / 0	20.82	21.22	0.132	30.00	-8.78
		256-QAM	3457.50	0.40	36 / 0	24.58	24.98	0.314	30.00	-5.02
15 MHz	π/2 BPSK	3500.01	0.40	36 / 0	24.61	25.01	0.317	30.00	-4.99	
		3542.49	0.40	36 / 0	24.52	24.92	0.310	30.00	-5.08	
		3457.50	0.40	1 / 1	24.62	25.02	0.317	30.00	-4.98	
		3500.01	0.40	1 / 36	24.41	24.81	0.303	30.00	-5.19	
		3542.49	0.40	1 / 1	24.48	24.88	0.307	30.00	-5.12	
	QPSK	3542.49	0.40	1 / 1	23.48	23.88	0.244	30.00	-6.12	
		64-QAM	3457.50	0.40	36 / 0	22.70	23.10	0.204	30.00	-6.90
		256-QAM	3457.50	0.40	36 / 0	20.71	21.11	0.129	30.00	-8.89
		256-QAM	3457.50	0.40	36 / 0	20.71	21.11	0.129	30.00	-8.89
		256-QAM	3460.02	0.40	50 / 0	24.58	24.98	0.315	30.00	-5.02
20 MHz	π/2 BPSK	3500.01	0.40	50 / 0	24.41	24.81	0.302	30.00	-5.19	
		3540.00	0.40	50 / 0	24.48	24.88	0.308	30.00	-5.12	
		3460.02	0.40	1 / 1	24.59	24.99	0.315	30.00	-5.01	
		3500.01	0.40	1 / 1	24.45	24.85	0.306	30.00	-5.15	
		3540.00	0.40	1 / 49	24.47	24.87	0.307	30.00	-5.13	
	QPSK	3500.01	0.40	1 / 1	23.48	23.88	0.244	30.00	-6.12	
		64-QAM	3460.02	0.40	50 / 0	22.64	23.04	0.201	30.00	-6.96
		256-QAM	3460.02	0.40	50 / 0	20.70	21.10	0.129	30.00	-8.90
		256-QAM	3462.51	0.40	64 / 0	24.62	25.02	0.317	30.00	-4.98
		256-QAM	3500.01	0.40	64 / 0	24.49	24.89	0.308	30.00	-5.11
25 MHz	π/2 BPSK	3537.48	0.40	64 / 0	24.54	24.94	0.312	30.00	-5.06	
		3462.51	0.40	1 / 1	24.85	25.25	0.335	30.00	-4.75	
		3500.01	0.40	1 / 1	24.36	24.76	0.299	30.00	-5.24	
		3537.48	0.40	1 / 32	24.44	24.84	0.305	30.00	-5.16	
		3537.48	0.40	1 / 1	23.37	23.77	0.238	30.00	-6.23	
	QPSK	3462.51	0.40	64 / 0	22.72	23.12	0.205	30.00	-6.88	
		64-QAM	3462.51	0.40	64 / 0	20.73	21.13	0.130	30.00	-8.87
		256-QAM	3462.51	0.40	64 / 0	20.73	21.13	0.130	30.00	-8.87
		256-QAM	3465.00	0.40	75 / 0	24.60	25.00	0.316	30.00	-5.00
		256-QAM	3500.01	0.40	1 / 1	24.51	24.91	0.310	30.00	-5.09
30 MHz	π/2 BPSK	3534.99	0.40	75 / 0	24.51	24.91	0.309	30.00	-5.09	
		3465.00	0.40	1 / 1	24.70	25.10	0.323	30.00	-4.90	
		3500.01	0.40	1 / 1	24.52	24.92	0.310	30.00	-5.08	
		3534.99	0.40	1 / 36	24.54	24.94	0.312	30.00	-5.06	
		3465.00	0.40	1 / 1	23.50	23.90	0.245	30.00	-6.10	
	QPSK	64-QAM	3465.00	0.40	75 / 0	22.74	23.14	0.206	30.00	-6.86
		256-QAM	3465.00	0.40	75 / 0	20.70	21.10	0.129	30.00	-8.90
		256-QAM	3470.01	0.40	1 / 1	24.62	25.02	0.318	30.00	-4.98
		256-QAM	3470.01	0.40	100 / 0	24.48	24.88	0.308	30.00	-5.12
		256-QAM	3529.98	0.40	1 / 104	24.52	24.92	0.310	30.00	-5.08
40 MHz	π/2 BPSK	3500.01	0.40	100 / 0	24.48	24.88	0.308	30.00	-5.12	
		3529.98	0.40	1 / 104	24.52	24.92	0.310	30.00	-5.08	
		3470.01	0.40	1 / 1	24.67	25.07	0.322	30.00	-4.93	
		3500.01	0.40	1 / 104	24.47	24.87	0.307	30.00	-5.13	
		3529.98	0.40	1 / 104	24.50	24.90	0.309	30.00	-5.10	
	QPSK	3500.01	0.40	1 / 1	23.45	23.85	0.243	30.00	-6.15	
		64-QAM	3470.01	0.40	100 / 0	22.58	22.98	0.198	30.00	-7.02
		256-QAM	3470.01	0.40	100 / 0	20.61	21.01	0.126	30.00	-8.99
		256-QAM	3475.02	0.40	128 / 0	24.68	25.08	0.322	30.00	-4.92
		256-QAM	3525.00	0.40	128 / 0	24.49	24.89	0.308	30.00	-5.11
50 MHz	π/2 BPSK	3475.02	0.40	1 / 64	24.53	24.93	0.311	30.00	-5.07	
		3500.01	0.40	1 / 64	24.44	24.84	0.305	30.00	-5.16	
		3525.00	0.40	1 / 64	24.43	24.83	0.304	30.00	-5.17	
		3525.00	0.40	1 / 64	23.52	23.92	0.247	30.00	-6.08	
		64-QAM	3475.02	0.40	128 / 0	22.69	23.09	0.204	30.00	-6.91
	QPSK	256-QAM	3475.02	0.40	128 / 0	20.66	21.06	0.128	30.00	-8.94
		256-QAM	3480.00	0.40	1 / 1	24.54	24.94	0.312	30.00	-5.06
		256-QAM	3500.01	0.40	162 / 0	24.47	24.87	0.307	30.00	-5.13
		256-QAM	3519.99	0.40	1 / 160	24.50	24.90	0.309	30.00	-5.10
		256-QAM	3480.00	0.40	1 / 1	24.53	24.93	0.311	30.00	-5.07
60 MHz	π/2 BPSK	3500.01	0.40	1 / 1	24.51	24.91	0.310	30.00	-5.09	
		3519.99	0.40	1 / 160	24.57	24.97	0.314	30.00	-5.03	
		3480.00	0.40	1 / 1	23.52	23.92	0.247	30.00	-6.08	
		64-QAM	3480.00	0.40	162 / 0	22.51	22.91	0.196	30.00	-7.09
		256-QAM	3480.00	0.40	162 / 0	20.50	20.90	0.123	30.00	-9.10
	QPSK	256-QAM	3485.01	0.40	1 / 1	24.46	24.86	0.306	30.00	-5.14
		256-QAM	3500.01	0.40	1 / 1	24.47	24.87	0.307	30.00	-5.13
		256-QAM	3514.98	0.40	180 / 0	24.40	24.80	0.302	30.00	-5.20
		256-QAM	3485.01	0.40	1 / 1	24.62	25.02	0.318	30.00	-4.98
		256-QAM	3500.01	0.40	1 / 1	24.52	24.92	0.310	30.00	-5.08
70 MHz	π/2 BPSK	3514.98	0.40	1 / 187	24.42	24.82	0.303	30.00	-5.18	
		3485.01	0.40	1 / 1	23.40	23.80	0.240	30.00	-6.20	
		3485.01	0.40	180 / 0	22.44	22.84	0.192	30.00	-7.16	
		256-QAM	3485.01	0.40	180 / 0	20.43	20.83	0.121	30.00	-9.17
		256-QAM	3490.02	0.40	1 / 1	24.47	24.87	0.307	30.00	-5.13
	QPSK	3500.01	0.40	216 / 0	24.40	24.80	0.302	30.00	-5.20	
		3510.00	0.40	1 / 1	24.35	24.75	0.298	30.00	-5.25	
		3490.02	0.40	1 / 1	24.63	25.03	0.318	30.00	-4.97	
		3500.01	0.40	1 / 1	24.63	25.03	0.319	30.00	-4.97	
		3510.00	0.40	1 / 1	24.37	24.77	0.300	30.00	-5.23	
80 MHz	π/2 BPSK	3500.01	0.40	1 / 108	23.39	23.79	0.239	30.00	-6.21	
		3510.00	0.40	216 / 0	22.43	22.83	0.192	30.00	-7.17	
		256-QAM	3490.02	0.40	216 / 0	20.47	20.87	0.122	30.00	-9.13
		256-QAM	3495.00	0.40	1 / 1	24.58	24.98	0.315	30.00	-5.02
		256-QAM	3500.01	0.40	243 / 0	24.41	24.81	0.303	30.00	-5.19
	QPSK	3504.99	0.40	243 / 0	24.41	24.81	0.302	30.00	-5.19	
		3495.00	0.40	1 / 1	24.60	25.00	0.317	30.00	-5.00	
		256-QAM	3500.01	0.40	1 / 120	24.49	24.89	0.308	30.00	-5.11
		16-QAM	3504.99	0.40	1 / 1	24.48	24.88	0.308	30.00	-5.12
		256-QAM	3500.01	0.40	243 / 0	22.44	22.84	0.192	30.00	-7.16
90 MHz	π/2 BPSK	3495.00	0.40	243 / 0	20.45	20.85	0.122	30.00	-9.15	
		256-QAM	3500.01	0.40	270 / 0	24.70	25.10	0.324	30.00	-4.90
		256-QAM	3500.01	0.40	1 / 271	24.63	25.03	0.319	30.00	-4.91
		256-QAM	3500.01	0.40	1 / 271	23.58	23.98	0.230	30.00	-6.82
		256-QAM	3500.01	0.40	270 / 0	22.81	23.21	0.209	30.00	-6.75
	QPSK	256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
100 MHz	π/2 BPSK	3495.00	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15	
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
	QPSK	256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15
		256-QAM	3500.01	0.40	270 / 0	20.45	20.85	0.122	30.00	-9.15

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	3705.00	0.50	24 / 0	25.01	25.51	0.355	30.00	-4.49
		3840.00	0.50	24 / 0	25.12	25.62	0.365	30.00	-4.38
		3975.00	0.50	24 / 0	25.12	25.62	0.365	30.00	-4.38
		3705.00	0.50	1 / 1	25.08	25.58	0.362	30.00	-4.42
		3840.00	0.50	1 / 12	25.10	25.60	0.363	30.00	-4.40
15 MHz	QPSK	3975.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3840.00	0.50	1 / 12	25.10	25.60	0.363	30.00	-4.40
		3705.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3975.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3840.00	0.50	1 / 12	25.10	25.60	0.363	30.00	-4.40
20 MHz	16-QAM	3975.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3840.00	0.50	1 / 12	25.10	25.60	0.363	30.00	-4.40
		3705.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3975.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3840.00	0.50	1 / 12	25.10	25.60	0.363	30.00	-4.40
25 MHz	64-QAM	3975.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3840.00	0.50	1 / 12	25.10	25.60	0.363	30.00	-4.40
		3705.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3975.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3840.00	0.50	1 / 12	25.10	25.60	0.363	30.00	-4.40
30 MHz	256-QAM	3975.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3840.00	0.50	1 / 12	25.10	25.60	0.363	30.00	-4.40
		3705.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3975.00	0.50	1 / 1	25.10	25.60	0.363	30.00	-4.40
		3840.00	0.50	1 / 12	25.10	25.60	0.363	30.00	-4.40
40 MHz	n/2 BPSK	3707.51	0.50	36 / 0	25.23	25.73	0.374	30.00	-4.27
		3840.00	0.50	36 / 0	25.28	25.78	0.378	30.00	-4.22
		3972.50	0.50	36 / 0	25.27	25.77	0.377	30.00	-4.23
		3707.51	0.50	1 / 1	25.26	25.76	0.377	30.00	-4.24
		3840.00	0.50	1 / 18	25.27	25.77	0.377	30.00	-4.23
50 MHz	QPSK	3972.50	0.50	1 / 18	25.32	25.82	0.382	30.00	-4.18
		3707.51	0.50	1 / 18	24.25	24.75	0.299	30.00	-5.25
		3840.00	0.50	36 / 0	23.41	23.91	0.246	30.00	-6.04
		3972.50	0.50	36 / 0	23.41	23.91	0.246	30.00	-6.04
		3840.00	0.50	36 / 0	21.40	21.90	0.155	30.00	-8.10
60 MHz	16-QAM	3710.01	0.50	50 / 0	25.28	25.78	0.378	30.00	-4.22
		3840.00	0.50	1 / 49	25.34	25.84	0.384	30.00	-4.16
		3969.99	0.50	50 / 0	25.32	25.82	0.382	30.00	-4.18
		3710.01	0.50	1 / 1	25.29	25.79	0.379	30.00	-4.21
		3840.00	0.50	1 / 25	25.21	25.71	0.373	30.00	-4.29
70 MHz	64-QAM	3969.99	0.50	1 / 1	25.28	25.78	0.378	30.00	-4.22
		3969.99	0.50	1 / 1	24.36	24.86	0.306	30.00	-5.14
		3969.99	0.50	50 / 0	23.38	23.88	0.244	30.00	-6.12
		3969.99	0.50	50 / 0	21.42	21.92	0.156	30.00	-8.08
		3712.50	0.50	64 / 0	25.29	25.79	0.379	30.00	-4.21
80 MHz	256-QAM	3840.00	0.50	64 / 0	25.36	25.86	0.385	30.00	-4.14
		3967.50	0.50	64 / 0	25.41	25.91	0.390	30.00	-4.09
		3712.50	0.50	1 / 32	25.18	25.68	0.370	30.00	-4.32
		3840.00	0.50	1 / 32	25.23	25.73	0.375	30.00	-4.27
		3967.50	0.50	1 / 32	25.28	25.78	0.378	30.00	-4.22
90 MHz	n/2 BPSK	3967.50	0.50	1 / 63	24.27	24.77	0.300	30.00	-5.23
		3840.00	0.50	64 / 0	23.53	24.03	0.253	30.00	-5.97
		3967.50	0.50	64 / 0	21.47	21.97	0.157	30.00	-8.03
		3715.02	0.50	75 / 0	25.29	25.79	0.379	30.00	-4.21
		3840.00	0.50	75 / 0	25.28	25.78	0.379	30.00	-4.22
100 MHz	QPSK	3964.98	0.50	75 / 0	25.37	25.87	0.386	30.00	-4.13
		3715.02	0.50	1 / 1	25.24	25.74	0.375	30.00	-4.26
		3840.00	0.50	1 / 36	25.27	25.77	0.378	30.00	-4.23
		3964.98	0.50	1 / 1	25.41	25.91	0.390	30.00	-4.09
		3715.02	0.50	1 / 76	24.25	24.75	0.298	30.00	-5.25
120 MHz	16-QAM	3964.98	0.50	75 / 0	23.45	23.95	0.248	30.00	-6.05
		3964.98	0.50	75 / 0	21.42	21.92	0.156	30.00	-8.08
		3720.00	0.50	100 / 0	25.24	25.74	0.375	30.00	-4.26
		3960.00	0.50	100 / 0	25.33	25.83	0.383	30.00	-4.17
		3960.00	0.50	100 / 0	25.43	25.93	0.391	30.00	-4.07
140 MHz	n/2 BPSK	3720.00	0.50	1 / 1	25.24	25.74	0.375	30.00	-4.26
		3840.00	0.50	1 / 104	25.25	25.75	0.376	30.00	-4.25
		3960.00	0.50	1 / 1	25.36	25.86	0.385	30.00	-4.14
		3960.00	0.50	1 / 1	24.43	24.93	0.311	30.00	-5.07
		3960.00	0.50	100 / 0	23.43	23.93	0.247	30.00	-6.07
160 MHz	64-QAM	3960.00	0.50	100 / 0	21.46	21.96	0.157	30.00	-8.04
		3725.01	0.50	128 / 0	25.28	25.78	0.378	30.00	-4.22
		3840.00	0.50	128 / 0	25.28	25.78	0.378	30.00	-4.22
		3954.99	0.50	128 / 0	25.45	25.95	0.392	30.00	-4.05
		3725.01	0.50	1 / 64	25.34	25.84	0.384	30.00	-4.16
180 MHz	QPSK	3840.00	0.50	1 / 64	25.37	25.87	0.386	30.00	-4.13
		3954.99	0.50	1 / 64	25.44	25.94	0.393	30.00	-4.06
		3954.99	0.50	1 / 64	24.27	24.77	0.300	30.00	-5.23
		3954.99	0.50	128 / 0	23.55	24.05	0.254	30.00	-5.95
		3954.99	0.50	128 / 0	21.57	22.07	0.161	30.00	-7.93
200 MHz	256-QAM	3730.02	0.50	1 / 1	25.28	25.78	0.378	30.00	-4.22
		3840.00	0.50	162 / 0	25.34	25.84	0.384	30.00	-4.16
		3949.98	0.50	162 / 0	25.43	25.93	0.392	30.00	-4.07
		3730.02	0.50	1 / 1	25.24	25.74	0.375	30.00	-4.26
		3840.00	0.50	1 / 160	25.27	25.77	0.377	30.00	-4.23
220 MHz	n/2 BPSK	3949.98	0.50	1 / 160	25.47	25.97	0.395	30.00	-4.03
		3949.98	0.50	1 / 160	24.17	24.67	0.293	30.00	-5.33
		3949.98	0.50	162 / 0	23.45	23.95	0.248	30.00	-6.05
		3949.98	0.50	162 / 0	21.41	21.91	0.155	30.00	-8.09
		3735.00	0.50	1 / 1	25.20	25.70	0.371	30.00	-4.30
240 MHz	QPSK	3840.00	0.50	180 / 0	25.33	25.83	0.383	30.00	-4.17
		3945.00	0.50	180 / 0	25.42	25.92	0.391	30.00	-4.08
		3735.00	0.50	1 / 1	25.28	25.78	0.379	30.00	-4.22
		3840.00	0.50	1 / 187	25.10	25.60	0.363	30.00	-4.40
		3945.00	0.50	1 / 90	25.37	25.87	0.387	30.00	-4.13
260 MHz	n/2 BPSK	3945.00	0.50	1 / 187	24.26	24.76	0.299	30.00	-5.24
		3945.00	0.50	180 / 0	23.48	23.98	0.250	30.00	-6.02
		3945.00	0.50	180 / 0	21.47	21.97	0.158	30.00	-8.03
		3740.01	0.50	1 / 1	25.39	25.89	0.388	30.00	-4.11
		3840.00	0.50	216 / 0	25.32	25.82	0.382	30.00	-4.18
280 MHz	QPSK	3939.99	0.50	216 / 0	25.42	25.92	0.391	30.00	-4.08
		3740.01	0.50	1 / 1	25.27	25.77	0.378	30.00	-4.23
		3840.00	0.50	1 / 108	25.21	25.71	0.372	30.00	-4.29
		3939.99	0.50	1 / 1	25.46	25.96	0.394	30.00	-4.04
		3939.99	0.50	1 / 108	24.27	24.77	0.300	30.00	-5.23
300 MHz	16-QAM	3740.01	0.50	216 / 0	23.45	23.95	0.248	30.00	-6.05
		3939.99	0.50	216 / 0	21.49	21.99	0.158	30.00	-8.01
		3745.02	0.50	243 / 0	25.18	25.68	0.369	30.00	-4.32
		3840.00	0.50	243 / 0	25.31	25.81	0.381	30.00	-4.19
		3934.98	0.50	243 / 0	25.41	25.91	0.390	30.00	-4.09
320 MHz	n/2 BPSK	3745.02	0.50	1 / 120	25.20	25.70	0.372	30.00	-4.30
		3840.00	0.50	1 / 120	25.26	25.76	0.376	30.00	-4.24
		3934.98	0.50	1 / 1	25.40	25.90	0.389	30.00	-4.10
		3934.98	0.50	1 / 1	24.29	24.79	0.301	30.00	-5.21
		3934.98	0.50	243 / 0	23.45	23.95	0.248	30.00	-6.05
340 MHz	QPSK	3934.98	0.50	243 / 0	21.53	22.03	0.159	30.00	-7.97
		3750.00	0.50	270 / 0	25.13	25.63	0.366	30.00	-4.37
		3840.00	0.50	270 / 0	25.29	25.79	0.379	30.00	-4.21
		3930.00	0.50	270 / 0	25.41	25.91	0.390	30.00	-4.09
		3750.00	0.50	1 / 135	25.12	25.62	0.364	30.00	-4.38
360 MHz	n/2 BPSK	3840.00	0.50	1 / 135	25.24	25.74	0.375	30.00	-4.26
		3930.00	0.50	1 / 135	25.83	26.33	0.393	30.00	-4.14
		3840.00	0.50	1 / 135	24.09	24.59	0.288	30.00	-5.41
		3930.00	0.50	270 / 0	23.40	23.90	0.246	30.00	-6.10
		3930.00	0.50	270 / 0	21.45	21.95	0.157	30.00	-8.05

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	0.50	24 / 0	24.59	25.09	0.323	30.00	-4.91	
		3840.00	0.50	24 / 0	24.74	25.24	0.334	30.00	-4.76	
		3975.00	0.50	24 / 0	24.69	25.19	0.330	30.00	-4.81	
	QPSK	3705.00	0.50	1 / 22	24.50	25.00	0.317	30.00	-5.00	
		3840.00	0.50	1 / 22	24.72	25.22	0.333	30.00	-4.78	
		3975.00	0.50	1 / 12	24.60	25.10	0.323	30.00	-4.90	
15 MHz	16-QAM	3840.00	0.50	1 / 22	23.61	24.11	0.258	30.00	-5.89	
		64-QAM	3840.00	0.50	24 / 0	22.85	23.35	0.216	30.00	-6.65
		256-QAM	3840.00	0.50	24 / 0	20.86	21.36	0.137	30.00	-8.64
	π/2 BPSK	3707.51	0.50	1 / 36	24.42	24.92	0.311	30.00	-5.08	
		3840.00	0.50	36 / 0	24.69	25.19	0.330	30.00	-4.81	
		3972.50	0.50	36 / 0	24.58	25.08	0.322	30.00	-4.92	
20 MHz	QPSK	3707.51	0.50	1 / 1	24.50	25.00	0.316	30.00	-5.00	
		3840.00	0.50	1 / 36	24.62	25.12	0.325	30.00	-4.88	
		3972.50	0.50	1 / 36	24.86	25.36	0.344	30.00	-4.64	
	16-QAM	3840.00	0.50	1 / 18	23.46	23.96	0.249	30.00	-6.04	
		64-QAM	3840.00	0.50	36 / 0	22.72	23.22	0.210	30.00	-6.78
		256-QAM	3840.00	0.50	36 / 0	20.79	21.29	0.135	30.00	-8.71
25 MHz	π/2 BPSK	3710.01	0.50	50 / 0	24.48	24.98	0.315	30.00	-5.02	
		3840.00	0.50	50 / 0	24.73	25.23	0.333	30.00	-4.77	
		3969.99	0.50	50 / 0	24.62	25.12	0.325	30.00	-4.88	
	QPSK	3710.01	0.50	1 / 49	24.55	25.05	0.320	30.00	-4.95	
		3840.00	0.50	1 / 49	24.64	25.14	0.327	30.00	-4.86	
		3969.99	0.50	1 / 1	24.66	25.16	0.328	30.00	-4.84	
	16-QAM	3840.00	0.50	1 / 1	23.53	24.03	0.253	30.00	-5.97	
		64-QAM	3840.00	0.50	50 / 0	22.76	23.26	0.212	30.00	-6.74
		256-QAM	3840.00	0.50	50 / 0	20.79	21.29	0.135	30.00	-8.71
	30 MHz	π/2 BPSK	3712.50	0.50	1 / 63	24.60	25.10	0.323	30.00	-4.90
			3840.00	0.50	64 / 0	24.78	25.28	0.337	30.00	-4.72
			3967.50	0.50	64 / 0	24.70	25.20	0.331	30.00	-4.80
QPSK		3712.50	0.50	1 / 63	24.47	24.97	0.314	30.00	-5.03	
		3840.00	0.50	1 / 32	24.65	25.15	0.328	30.00	-4.85	
		3967.50	0.50	1 / 1	24.66	25.16	0.328	30.00	-4.84	
16-QAM		3840.00	0.50	1 / 32	23.66	24.16	0.261	30.00	-5.84	
		64-QAM	3840.00	0.50	64 / 0	22.85	23.35	0.216	30.00	-6.65
		256-QAM	3840.00	0.50	64 / 0	20.84	21.34	0.136	30.00	-8.66
40 MHz		π/2 BPSK	3715.02	0.50	1 / 76	24.52	25.02	0.318	30.00	-4.98
			3840.00	0.50	75 / 0	24.70	25.20	0.331	30.00	-4.80
			3964.98	0.50	1 / 1	24.71	25.21	0.332	30.00	-4.79
	QPSK	3715.02	0.50	1 / 76	24.60	25.10	0.324	30.00	-4.90	
		3840.00	0.50	1 / 36	24.72	25.22	0.333	30.00	-4.78	
		3964.98	0.50	1 / 1	24.72	25.22	0.333	30.00	-4.78	
	16-QAM	3840.00	0.50	1 / 1	23.70	24.20	0.263	30.00	-5.80	
		64-QAM	3840.00	0.50	75 / 0	22.77	23.27	0.213	30.00	-6.73
		256-QAM	3840.00	0.50	75 / 0	20.72	21.22	0.132	30.00	-8.78
	50 MHz	π/2 BPSK	3720.00	0.50	100 / 0	24.58	25.08	0.322	30.00	-4.92
			3840.00	0.50	100 / 0	24.74	25.24	0.334	30.00	-4.76
			3960.00	0.50	100 / 0	24.74	25.24	0.335	30.00	-4.76
QPSK		3720.00	0.50	1 / 50	24.50	25.00	0.316	30.00	-5.00	
		3840.00	0.50	1 / 104	24.74	25.24	0.334	30.00	-4.76	
		3960.00	0.50	1 / 1	24.79	25.29	0.338	30.00	-4.71	
16-QAM		3840.00	0.50	1 / 50	23.71	24.21	0.264	30.00	-5.79	
		64-QAM	3960.00	0.50	100 / 0	22.80	23.30	0.214	30.00	-6.70
		256-QAM	3840.00	0.50	100 / 0	20.83	21.33	0.136	30.00	-8.67
60 MHz		π/2 BPSK	3725.01	0.50	128 / 0	24.55	25.05	0.320	30.00	-4.95
			3840.00	0.50	128 / 0	24.75	25.25	0.335	30.00	-4.75
			3954.99	0.50	128 / 0	24.73	25.23	0.333	30.00	-4.77
	QPSK	3725.01	0.50	1 / 64	24.57	25.07	0.321	30.00	-4.93	
		3840.00	0.50	1 / 64	24.70	25.20	0.331	30.00	-4.80	
		3954.99	0.50	1 / 64	24.70	25.20	0.331	30.00	-4.80	
	16-QAM	3954.99	0.50	1 / 64	23.54	24.04	0.254	30.00	-5.96	
		64-QAM	3840.00	0.50	128 / 0	22.82	23.32	0.215	30.00	-6.68
		256-QAM	3954.99	0.50	128 / 0	20.82	21.32	0.136	30.00	-8.68
	70 MHz	π/2 BPSK	3730.02	0.50	162 / 0	24.53	25.03	0.318	30.00	-4.97
			3840.00	0.50	162 / 0	24.71	25.21	0.332	30.00	-4.79
			3949.98	0.50	1 / 1	24.76	25.26	0.336	30.00	-4.74
QPSK		3730.02	0.50	1 / 81	24.52	25.02	0.318	30.00	-4.98	
		3840.00	0.50	1 / 160	24.66	25.16	0.328	30.00	-4.84	
		3949.98	0.50	1 / 81	24.73	25.23	0.333	30.00	-4.77	
16-QAM		3949.98	0.50	1 / 1	23.65	24.15	0.260	30.00	-5.85	
		64-QAM	3949.98	0.50	162 / 0	22.68	23.18	0.208	30.00	-6.82
		256-QAM	3840.00	0.50	162 / 0	20.67	21.17	0.131	30.00	-8.83
80 MHz		π/2 BPSK	3735.00	0.50	1 / 187	24.42	24.92	0.311	30.00	-5.08
			3840.00	0.50	180 / 0	24.69	25.19	0.331	30.00	-4.81
			3945.00	0.50	180 / 0	24.65	25.15	0.327	30.00	-4.85
	QPSK	3735.00	0.50	1 / 187	24.57	25.07	0.321	30.00	-4.93	
		3840.00	0.50	1 / 90	24.74	25.24	0.334	30.00	-4.76	
		3945.00	0.50	1 / 1	24.79	25.29	0.338	30.00	-4.71	
	16-QAM	3945.00	0.50	1 / 90	23.40	23.90	0.246	30.00	-6.10	
		64-QAM	3840.00	0.50	180 / 0	22.71	23.21	0.209	30.00	-6.79
		256-QAM	3840.00	0.50	180 / 0	20.69	21.19	0.132	30.00	-8.81
	90 MHz	π/2 BPSK	3740.01	0.50	1 / 215	24.73	25.23	0.333	30.00	-4.77
			3840.00	0.50	216 / 0	24.68	25.18	0.329	30.00	-4.82
			3939.99	0.50	216 / 0	24.73	25.23	0.333	30.00	-4.77
QPSK		3740.01	0.50	1 / 215	24.63	25.13	0.326	30.00	-4.87	
		3840.00	0.50	1 / 108	24.65	25.15	0.327	30.00	-4.85	
		3939.99	0.50	1 / 1	24.62	25.12	0.325	30.00	-4.88	
16-QAM		3740.01	0.50	1 / 215	23.54	24.04	0.253	30.00	-5.96	
		64-QAM	3840.00	0.50	216 / 0	22.73	23.23	0.210	30.00	-6.77
		256-QAM	3840.00	0.50	216 / 0	20.69	21.19	0.131	30.00	-8.81
100 MHz		π/2 BPSK	3745.02	0.50	243 / 0	24.52	25.02	0.318	30.00	-4.98
			3840.00	0.50	243 / 0	24.69	25.19	0.330	30.00	-4.81
			3934.98	0.50	243 / 0	24.61	25.11	0.324	30.00	-4.89
	QPSK	3745.02	0.50	1 / 243	24.50	25.00	0.316	30.00	-5.00	
		3840.00	0.50	1 / 243	24.77	25.27	0.336	30.00	-4.73	
		3934.98	0.50	1 / 120	24.66	25.16	0.328	30.00	-4.84	
	16-QAM	3840.00	0.50	1 / 243	23.50	24.00	0.251	30.00	-6.00	
		64-QAM	3840.00	0.50	243 / 0	22.84	23.34	0.206	30.00	-6.86
		256-QAM	3934.98	0.50	243 / 0	20.67	21.17	0.131	30.00	-8.83
	100 MHz	π/2 BPSK	3750.00	0.50	1 / 135	24.59	25.09	0.323	30.00	-4.91
			3840.00	0.50	270 / 0	24.71	25.21	0.332	30.00	-4.79
			3930.00	0.50	270 / 0	24.64	25.14	0.326	30.00	-4.86
QPSK		3750.00	0.50	1 / 135	24.46	24.96	0.313	30.00	-5.04	
		3840.00	0.50	1 / 135	24.49	24.99	0.315	30.00	-5.03	
		3930.00	0.50	1 / 1	24.47	24.97	0.314	30.00	-5.01	
16-QAM	3930.00	0.50	1 / 135	24.54	25.04	0.324	30.00	-5.06		
	64-QAM	3840.00	0.50	270 / 0	22.72	23.22	0.210	30.00	-6.78	
	256-QAM	3840.00	0.50	270 / 0	20.72	21.22	0.132	30.00	-8.78	

7.6.3 Antenna 4b – EIRP

Bandwidth	Mod.	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	EIRP [dBm]	EIRP [Watt]	EIRP Limit [dBm]	Margin [dB]
10 MHz	π/2 BPSK	3455.01	-0.90	24 / 0	25.81	25.91	0.390	30.00	-4.09
		3500.01	-0.90	24 / 0	26.78	25.88	0.388	30.00	-4.12
		3544.98	-0.90	24 / 0	26.81	25.91	0.390	30.00	-4.09
	QPSK	3455.01	-0.90	1 / 12	26.78	25.88	0.387	30.00	-4.12
		3500.01	-0.90	1 / 1	26.69	25.79	0.379	30.00	-4.21
		3544.98	-0.90	1 / 1	26.72	25.82	0.382	30.00	-4.18
	16-QAM	3455.01	-0.90	1 / 12	25.53	24.63	0.290	30.00	-5.37
	64-QAM	3455.01	-0.90	24 / 0	24.80	23.90	0.245	30.00	-6.10
	256-QAM	3455.01	-0.90	24 / 0	22.86	21.96	0.157	30.00	-8.04
	256-QAM	3457.50	-0.90	36 / 0	26.64	25.74	0.375	30.00	-4.26
15 MHz	π/2 BPSK	3500.01	-0.90	1 / 1	26.64	25.74	0.375	30.00	-4.26
		3542.49	-0.90	1 / 18	26.67	25.77	0.378	30.00	-4.23
		3547.50	-0.90	1 / 1	26.71	25.81	0.381	30.00	-4.19
	QPSK	3500.01	-0.90	1 / 36	26.64	25.74	0.375	30.00	-4.26
		3542.49	-0.90	1 / 1	26.63	25.73	0.374	30.00	-4.27
		3547.50	-0.90	1 / 36	25.73	24.83	0.304	30.00	-5.17
	16-QAM	3457.50	-0.90	36 / 0	24.87	23.97	0.250	30.00	-6.03
	256-QAM	3457.50	-0.90	36 / 0	22.79	21.89	0.154	30.00	-8.11
	π/2 BPSK	3460.02	-0.90	50 / 0	26.72	25.82	0.382	30.00	-4.18
		3500.01	-0.90	50 / 0	26.69	25.79	0.379	30.00	-4.21
		3540.00	-0.90	50 / 0	26.70	25.80	0.380	30.00	-4.20
20 MHz	QPSK	3460.02	-0.90	1 / 1	26.68	25.78	0.378	30.00	-4.22
		3500.01	-0.90	1 / 1	26.67	25.77	0.378	30.00	-4.23
		3540.00	-0.90	1 / 1	26.63	25.73	0.375	30.00	-4.27
	16-QAM	3460.02	-0.90	1 / 49	25.62	24.72	0.297	30.00	-5.28
	64-QAM	3540.00	-0.90	50 / 0	24.72	23.82	0.241	30.00	-6.18
	256-QAM	3460.02	-0.90	50 / 0	22.82	21.92	0.156	30.00	-8.08
	π/2 BPSK	3462.51	-0.90	64 / 0	26.80	25.90	0.389	30.00	-4.10
		3500.01	-0.90	64 / 0	26.77	25.87	0.386	30.00	-4.13
		3537.48	-0.90	64 / 0	26.84	25.94	0.393	30.00	-4.06
	QPSK	3462.51	-0.90	1 / 63	26.78	25.88	0.387	30.00	-4.12
		3500.01	-0.90	1 / 1	26.71	25.81	0.381	30.00	-4.19
25 MHz	16-QAM	3537.48	-0.90	1 / 32	26.75	25.85	0.384	30.00	-4.15
		3462.51	-0.90	1 / 32	25.68	24.78	0.300	30.00	-5.22
		3462.51	-0.90	64 / 0	24.85	23.95	0.248	30.00	-6.05
	256-QAM	3537.48	-0.90	64 / 0	22.81	21.91	0.155	30.00	-8.09
	π/2 BPSK	3465.00	-0.90	1 / 1	26.78	25.88	0.387	30.00	-4.12
		3500.01	-0.90	1 / 1	26.70	25.80	0.380	30.00	-4.20
		3534.99	-0.90	75 / 0	26.66	25.76	0.376	30.00	-4.24
	QPSK	3465.00	-0.90	1 / 1	26.66	25.76	0.376	30.00	-4.24
		3500.01	-0.90	1 / 1	26.66	25.76	0.377	30.00	-4.24
		3534.99	-0.90	1 / 76	26.65	25.75	0.376	30.00	-4.25
30 MHz	16-QAM	3465.00	-0.90	1 / 76	25.77	24.87	0.307	30.00	-5.13
		3534.99	-0.90	75 / 0	24.77	23.87	0.244	30.00	-6.13
		3534.99	-0.90	75 / 0	22.84	21.94	0.156	30.00	-8.06
	π/2 BPSK	3470.01	-0.90	100 / 0	26.81	25.91	0.390	30.00	-4.09
		3500.01	-0.90	100 / 0	26.75	25.85	0.385	30.00	-4.15
		3529.98	-0.90	100 / 0	26.68	25.78	0.378	30.00	-4.22
	QPSK	3470.01	-0.90	1 / 1	26.70	25.80	0.380	30.00	-4.20
		3500.01	-0.90	1 / 1	26.63	25.73	0.374	30.00	-4.27
		3529.98	-0.90	1 / 1	26.65	25.75	0.376	30.00	-4.25
	16-QAM	3500.01	-0.90	1 / 1	25.64	24.74	0.298	30.00	-5.26
	256-QAM	3529.98	-0.90	100 / 0	24.74	23.84	0.242	30.00	-6.16
40 MHz	π/2 BPSK	3470.01	-0.90	100 / 0	22.74	21.84	0.153	30.00	-8.16
		3475.02	-0.90	128 / 0	26.75	25.85	0.384	30.00	-4.15
		3500.01	-0.90	128 / 0	26.72	25.82	0.382	30.00	-4.18
	QPSK	3525.00	-0.90	128 / 0	26.81	25.91	0.390	30.00	-4.09
		3475.02	-0.90	1 / 64	26.70	25.80	0.380	30.00	-4.20
		3500.01	-0.90	1 / 64	26.59	25.69	0.370	30.00	-4.31
	16-QAM	3525.00	-0.90	1 / 64	26.58	25.68	0.370	30.00	-4.32
	64-QAM	3475.02	-0.90	1 / 64	26.69	24.79	0.302	30.00	-5.21
	256-QAM	3475.02	-0.90	128 / 0	24.93	24.03	0.253	30.00	-5.97
	256-QAM	3475.02	-0.90	128 / 0	22.86	21.96	0.157	30.00	-8.04
50 MHz	π/2 BPSK	3480.00	-0.90	162 / 0	26.59	25.69	0.371	30.00	-4.31
		3500.01	-0.90	1 / 81	26.57	25.67	0.369	30.00	-4.33
		3519.99	-0.90	162 / 0	26.54	25.64	0.366	30.00	-4.36
	QPSK	3480.00	-0.90	1 / 81	26.75	25.85	0.385	30.00	-4.15
		3500.01	-0.90	1 / 1	26.70	25.80	0.380	30.00	-4.20
		3519.99	-0.90	1 / 1	26.56	25.66	0.369	30.00	-4.34
	16-QAM	3480.00	-0.90	1 / 1	25.59	24.69	0.294	30.00	-5.31
	64-QAM	3480.00	-0.90	162 / 0	24.65	23.75	0.237	30.00	-6.25
	256-QAM	3480.00	-0.90	162 / 0	22.77	21.87	0.154	30.00	-8.13
	π/2 BPSK	3485.01	-0.90	180 / 0	26.73	25.83	0.383	30.00	-4.17
		3500.01	-0.90	180 / 0	26.63	25.73	0.374	30.00	-4.27
60 MHz	QPSK	3514.98	-0.90	180 / 0	26.68	25.78	0.379	30.00	-4.22
		3485.01	-0.90	1 / 1	26.62	25.72	0.373	30.00	-4.28
		3500.01	-0.90	1 / 187	26.53	25.63	0.365	30.00	-4.37
	16-QAM	3514.98	-0.90	1 / 90	26.53	25.63	0.366	30.00	-4.37
	64-QAM	3485.01	-0.90	1 / 1	25.42	24.52	0.283	30.00	-5.48
	256-QAM	3485.01	-0.90	180 / 0	24.62	23.72	0.235	30.00	-6.28
	π/2 BPSK	3485.01	-0.90	180 / 0	22.67	21.77	0.150	30.00	-8.23
		3490.02	-0.90	216 / 0	26.64	25.74	0.375	30.00	-4.26
		3500.01	-0.90	216 / 0	26.58	25.68	0.369	30.00	-4.32
	QPSK	3510.00	-0.90	216 / 0	26.54	25.64	0.366	30.00	-4.36
80 MHz	16-QAM	3490.02	-0.90	1 / 1	26.71	25.81	0.381	30.00	-4.19
		3500.01	-0.90	1 / 1	26.67	25.77	0.378	30.00	-4.23
		3510.00	-0.90	1 / 1	26.64	25.74	0.375	30.00	-4.26
	64-QAM	3490.02	-0.90	1 / 215	25.58	24.68	0.294	30.00	-5.32
	256-QAM	3490.02	-0.90	216 / 0	24.79	23.89	0.245	30.00	-6.11
	π/2 BPSK	3510.00	-0.90	216 / 0	22.71	21.81	0.152	30.00	-8.19
		3495.00	-0.90	243 / 0	26.68	25.78	0.378	30.00	-4.22
		3500.01	-0.90	243 / 0	26.64	25.74	0.375	30.00	-4.26
	16-QAM	3504.99	-0.90	243 / 0	26.66	25.76	0.377	30.00	-4.24
	QPSK	3495.00	-0.90	1 / 1	26.61	25.71	0.372	30.00	-4.29
100 MHz	16-QAM	3500.01	-0.90	1 / 1	26.52	25.62	0.365	30.00	-4.38
		3504.99	-0.90	1 / 120	26.61	25.71	0.372	30.00	-4.29
		3495.00	-0.90	1 / 243	25.47	24.57	0.286	30.00	-5.43
	64-QAM	3504.99	-0.90	243 / 0	24.59	23.69	0.234	30.00	-6.31
	256-QAM	3495.00	-0.90	243 / 0	22.64	21.74	0.149	30.00	-8.26
	π/2 BPSK	3500.01	-0.90	270 / 0	26.66	25.76	0.377	30.00	-4.24
		3500.01	-0.90	1 / 1	26.65	25.75	0.376	30.00	-4.25
		3500.01	-0.90	1 / 271	26.84	24.94	0.312	30.00	-5.06
	64-QAM	3500.01	-0.90	270 / 0	24.81	23.91	0.246	30.00	-6.09
	256-QAM	3500.01	-0.90	270 / 0	22.66	21.76	0.150	30.00	-8.24

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

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-11.BCG	Test Dates: 5/9/2025 - 8/7/2025	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	-0.90	24 / 0	25.39	24.49	0.281	30.00	-5.51	
		3500.01	-0.90	24 / 0	25.31	24.41	0.276	30.00	-5.59	
		3544.98	-0.90	24 / 0	25.34	24.44	0.278	30.00	-5.56	
		3455.01	-0.90	1 / 1	25.35	24.45	0.279	30.00	-5.55	
		3500.01	-0.90	1 / 22	25.36	24.46	0.279	30.00	-5.54	
	16-QAM	3544.98	-0.90	1 / 12	25.30	24.40	0.276	30.00	-5.60	
		3500.01	-0.90	1 / 22	24.23	23.33	0.215	30.00	-6.67	
		64-QAM	3455.01	-0.90	24 / 0	23.58	22.68	0.185	30.00	-7.32
		256-QAM	3455.01	-0.90	24 / 0	21.56	20.66	0.117	30.00	-9.34
		3457.50	-0.90	36 / 0	25.31	24.41	0.276	30.00	-5.59	
15 MHz	π/2 BPSK	3500.01	-0.90	36 / 0	25.30	24.40	0.275	30.00	-5.60	
		3542.49	-0.90	36 / 0	25.31	24.41	0.276	30.00	-5.59	
		3457.50	-0.90	1 / 1	25.33	24.43	0.277	30.00	-5.57	
		3500.01	-0.90	1 / 1	25.26	24.36	0.273	30.00	-5.64	
		3542.49	-0.90	1 / 1	25.29	24.39	0.275	30.00	-5.61	
	16-QAM	3457.50	-0.90	1 / 1	24.21	23.31	0.214	30.00	-6.69	
		64-QAM	3457.50	-0.90	36 / 0	23.32	22.42	0.175	30.00	-7.58
		256-QAM	3457.50	-0.90	36 / 0	21.43	20.53	0.113	30.00	-9.47
		3460.02	-0.90	50 / 0	25.34	24.44	0.278	30.00	-5.56	
		3500.01	-0.90	50 / 0	25.32	24.42	0.276	30.00	-5.58	
20 MHz	π/2 BPSK	3540.00	-0.90	50 / 0	25.38	24.48	0.280	30.00	-5.52	
		3460.02	-0.90	1 / 1	25.42	24.52	0.283	30.00	-5.48	
		3500.01	-0.90	1 / 1	25.38	24.48	0.281	30.00	-5.52	
		3540.00	-0.90	1 / 1	25.40	24.50	0.282	30.00	-5.50	
		16-QAM	3540.00	-0.90	1 / 49	24.31	23.41	0.219	30.00	-6.59
	64-QAM	3540.00	-0.90	50 / 0	23.37	22.47	0.177	30.00	-7.53	
		256-QAM	3460.02	-0.90	50 / 0	21.42	20.52	0.113	30.00	-9.48
		3462.51	-0.90	64 / 0	25.32	24.42	0.277	30.00	-5.58	
		3500.01	-0.90	64 / 0	25.28	24.38	0.274	30.00	-5.62	
		3537.48	-0.90	64 / 0	25.38	24.48	0.280	30.00	-5.52	
25 MHz	π/2 BPSK	3462.51	-0.90	1 / 63	25.19	24.29	0.268	30.00	-5.71	
		3500.01	-0.90	1 / 63	25.16	24.26	0.267	30.00	-5.74	
		3537.48	-0.90	1 / 32	25.21	24.31	0.270	30.00	-5.69	
		16-QAM	3537.48	-0.90	1 / 63	24.15	23.25	0.211	30.00	-6.75
		64-QAM	3537.48	-0.90	64 / 0	23.44	22.54	0.180	30.00	-7.46
	256-QAM	3537.48	-0.90	64 / 0	21.52	20.62	0.115	30.00	-9.38	
		3465.00	-0.90	75 / 0	25.38	24.48	0.281	30.00	-5.52	
		3500.01	-0.90	75 / 0	25.38	24.48	0.280	30.00	-5.52	
		3534.99	-0.90	75 / 0	25.46	24.56	0.286	30.00	-5.44	
		3465.00	-0.90	1 / 1	25.44	24.54	0.285	30.00	-5.46	
30 MHz	π/2 BPSK	3500.01	-0.90	1 / 1	25.42	24.52	0.283	30.00	-5.48	
		3534.99	-0.90	1 / 36	25.35	24.45	0.279	30.00	-5.55	
		16-QAM	3465.00	-0.90	1 / 1	24.46	23.56	0.227	30.00	-6.44
		64-QAM	3534.99	-0.90	75 / 0	23.41	22.51	0.178	30.00	-7.49
		256-QAM	3534.99	-0.90	75 / 0	21.43	20.53	0.113	30.00	-9.47
	π/2 BPSK	3470.01	-0.90	100 / 0	25.39	24.49	0.281	30.00	-5.51	
		3500.01	-0.90	100 / 0	25.29	24.39	0.275	30.00	-5.61	
		3529.98	-0.90	100 / 0	25.30	24.40	0.275	30.00	-5.60	
		3470.01	-0.90	1 / 1	25.31	24.41	0.276	30.00	-5.59	
		3500.01	-0.90	1 / 1	25.27	24.37	0.273	30.00	-5.63	
40 MHz	π/2 BPSK	3529.98	-0.90	1 / 1	25.58	24.68	0.294	30.00	-5.32	
		16-QAM	3529.98	-0.90	1 / 104	24.38	23.48	0.223	30.00	-6.52
		64-QAM	3470.01	-0.90	100 / 0	23.51	22.61	0.183	30.00	-7.39
		256-QAM	3470.01	-0.90	100 / 0	21.47	20.57	0.114	30.00	-9.43
		3475.02	-0.90	128 / 0	25.38	24.48	0.281	30.00	-5.52	
	π/2 BPSK	3500.01	-0.90	128 / 0	25.38	24.48	0.280	30.00	-5.52	
		3525.00	-0.90	128 / 0	25.37	24.47	0.280	30.00	-5.53	
		3475.02	-0.90	1 / 64	25.24	24.34	0.272	30.00	-5.66	
		3500.01	-0.90	1 / 64	25.15	24.25	0.266	30.00	-5.75	
		3525.00	-0.90	1 / 64	25.14	24.24	0.266	30.00	-5.76	
50 MHz	π/2 BPSK	3475.02	-0.90	1 / 64	24.32	23.42	0.220	30.00	-6.58	
		64-QAM	3475.02	-0.90	128 / 0	23.42	22.52	0.179	30.00	-7.48
		256-QAM	3475.02	-0.90	128 / 0	21.52	20.62	0.115	30.00	-9.38
		3480.00	-0.90	162 / 0	25.33	24.43	0.278	30.00	-5.57	
		3500.01	-0.90	162 / 0	25.30	24.40	0.275	30.00	-5.60	
	π/2 BPSK	3519.99	-0.90	162 / 0	25.32	24.42	0.277	30.00	-5.58	
		3480.00	-0.90	1 / 1	25.39	24.49	0.281	30.00	-5.51	
		3500.01	-0.90	1 / 81	25.35	24.45	0.279	30.00	-5.55	
		3519.99	-0.90	1 / 81	25.31	24.41	0.276	30.00	-5.59	
		16-QAM	3480.00	-0.90	1 / 1	24.24	23.34	0.216	30.00	-6.66
60 MHz	π/2 BPSK	64-QAM	3480.00	-0.90	162 / 0	23.33	22.43	0.175	30.00	-7.57
		256-QAM	3480.00	-0.90	162 / 0	21.30	20.40	0.110	30.00	-9.60
		3485.01	-0.90	180 / 0	25.20	24.30	0.269	30.00	-5.70	
		3500.01	-0.90	180 / 0	25.18	24.28	0.268	30.00	-5.72	
		3514.98	-0.90	180 / 0	25.18	24.28	0.268	30.00	-5.72	
	π/2 BPSK	3485.01	-0.90	1 / 1	25.22	24.32	0.270	30.00	-5.68	
		3500.01	-0.90	1 / 187	25.19	24.29	0.268	30.00	-5.71	
		3514.98	-0.90	1 / 90	25.21	24.31	0.270	30.00	-5.69	
		16-QAM	3514.98	-0.90	1 / 90	24.08	23.18	0.208	30.00	-6.82
		64-QAM	3485.01	-0.90	180 / 0	23.34	22.44	0.175	30.00	-7.56
70 MHz	π/2 BPSK	256-QAM	3485.01	-0.90	180 / 0	21.38	20.48	0.112	30.00	-9.52
		3490.02	-0.90	216 / 0	25.22	24.32	0.270	30.00	-5.68	
		3500.01	-0.90	216 / 0	25.34	24.44	0.278	30.00	-5.56	
		3510.00	-0.90	216 / 0	25.38	24.48	0.281	30.00	-5.52	
		3490.02	-0.90	1 / 108	25.31	24.41	0.276	30.00	-5.59	
	π/2 BPSK	3500.01	-0.90	1 / 1	25.21	24.31	0.270	30.00	-5.69	
		3510.00	-0.90	1 / 1	25.39	24.49	0.281	30.00	-5.51	
		16-QAM	3490.02	-0.90	1 / 1	24.15	23.25	0.211	30.00	-6.75
		64-QAM	3490.02	-0.90	216 / 0	23.33	22.43	0.175	30.00	-7.57
		256-QAM	3490.02	-0.90	216 / 0	21.31	20.41	0.110	30.00	-9.59
80 MHz	π/2 BPSK	3495.00	-0.90	243 / 0	25.27	24.37	0.274	30.00	-5.63	
		3500.01	-0.90	243 / 0	25.23	24.33	0.271	30.00	-5.67	
		3504.99	-0.90	243 / 0	25.27	24.37	0.273	30.00	-5.63	
		3495.00	-0.90	1 / 120	25.28	24.38	0.274	30.00	-5.62	
		3500.01	-0.90	1 / 1	25.21	24.31	0.270	30.00	-5.69	
	π/2 BPSK	3504.99	-0.90	1 / 1	25.18	24.28	0.268	30.00	-5.72	
		16-QAM	3504.99	-0.90	1 / 243	24.15	23.25	0.211	30.00	-6.75
		64-QAM	3504.99	-0.90	243 / 0	23.37	22.47	0.177	30.00	-7.53
		256-QAM	3504.99	-0.90	243 / 0	21.36	20.46	0.111	30.00	-9.54
		3500.01	-0.90	270 / 0	25.34	24.44	0.278	30.00	-5.56	
100 MHz	π/2 BPSK	3500.01	-0.90	1 / 1	25.41	24.51	0.283	30.00	-5.49	
		16-QAM	3500.01	-0.90	1 / 135	24.16	23.26	0.212	30.00	-6.74
		64-QAM	3500.01	-0.90	1 / 271	23.32	22.42	0.175	30.00	-7.58
		256-QAM	3500.01	-0.90	270 / 0	21.38	20.48	0.112	30.00	-9.52

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

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-11.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 234 of 257	

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	3705.00	-0.60	24 / 0	26.55	25.95	0.394	30.00	-4.05
		3840.00	-0.60	24 / 0	26.77	26.17	0.414	30.00	-3.83
		3975.00	-0.60	24 / 0	26.71	26.11	0.408	30.00	-3.89
	QPSK	3705.00	-0.60	1 / 12	26.50	25.50	0.389	30.00	-4.10
		3840.00	-0.60	1 / 1	26.65	26.05	0.403	30.00	-3.95
		3975.00	-0.60	1 / 12	26.66	26.06	0.403	30.00	-3.94
	16-QAM	3840.00	-0.60	1 / 12	25.52	24.92	0.310	30.00	-5.08
		3840.00	-0.60	24 / 0	24.84	24.24	0.265	30.00	-5.76
		3840.00	-0.60	24 / 0	22.81	22.21	0.166	30.00	-7.79
	256-QAM	3707.51	-0.60	1 / 36	26.50	25.90	0.389	30.00	-4.10
15 MHz	n/2 BPSK	3840.00	-0.60	36 / 0	26.64	26.04	0.402	30.00	-3.96
		3972.50	-0.60	36 / 0	26.56	25.96	0.394	30.00	-4.04
		3707.51	-0.60	1 / 18	26.46	25.86	0.386	30.00	-4.14
	QPSK	3840.00	-0.60	1 / 1	26.69	26.09	0.406	30.00	-3.91
		3972.50	-0.60	1 / 1	26.58	25.98	0.397	30.00	-4.02
		3707.51	-0.60	1 / 18	25.51	24.91	0.309	30.00	-5.09
	16-QAM	3840.00	-0.60	36 / 0	24.79	24.19	0.262	30.00	-5.81
		3840.00	-0.60	36 / 0	22.89	22.29	0.169	30.00	-7.71
		3710.01	-0.60	50 / 0	26.61	26.01	0.399	30.00	-3.99
	256-QAM	3840.00	-0.60	50 / 0	26.81	26.21	0.418	30.00	-3.79
20 MHz	n/2 BPSK	3969.99	-0.60	50 / 0	26.65	26.05	0.403	30.00	-3.95
		3710.01	-0.60	1 / 49	26.62	26.02	0.400	30.00	-3.98
		3840.00	-0.60	1 / 1	26.70	26.10	0.407	30.00	-3.90
	QPSK	3969.99	-0.60	1 / 1	26.67	26.07	0.405	30.00	-3.93
		3840.00	-0.60	1 / 49	25.62	25.02	0.317	30.00	-4.98
		3840.00	-0.60	50 / 0	24.72	24.12	0.258	30.00	-5.88
	16-QAM	3840.00	-0.60	50 / 0	22.81	22.21	0.166	30.00	-7.79
		3712.50	-0.60	64 / 0	26.62	26.02	0.400	30.00	-3.98
		3840.00	-0.60	64 / 0	26.71	26.11	0.408	30.00	-3.89
	256-QAM	3967.50	-0.60	64 / 0	26.68	26.08	0.405	30.00	-3.92
25 MHz	n/2 BPSK	3712.50	-0.60	1 / 32	26.46	25.86	0.385	30.00	-4.14
		3840.00	-0.60	1 / 32	26.64	26.04	0.402	30.00	-3.96
		3967.50	-0.60	1 / 32	26.58	25.98	0.397	30.00	-4.02
	QPSK	3967.50	-0.60	1 / 1	25.66	25.06	0.321	30.00	-4.94
		3840.00	-0.60	64 / 0	24.87	24.27	0.257	30.00	-5.73
		3840.00	-0.60	64 / 0	22.83	22.23	0.167	30.00	-7.77
	16-QAM	3715.02	-0.60	75 / 0	26.54	25.94	0.392	30.00	-4.06
		3840.00	-0.60	75 / 0	26.65	26.05	0.403	30.00	-3.95
		3964.98	-0.60	1 / 1	26.64	26.04	0.402	30.00	-3.96
	256-QAM	3715.02	-0.60	1 / 76	26.59	25.99	0.397	30.00	-4.01
30 MHz	n/2 BPSK	3840.00	-0.60	1 / 1	26.67	26.07	0.405	30.00	-3.93
		3964.98	-0.60	1 / 1	26.66	26.06	0.404	30.00	-3.94
		3964.98	-0.60	1 / 1	25.71	25.11	0.324	30.00	-4.89
	QPSK	3840.00	-0.60	75 / 0	24.81	24.21	0.264	30.00	-5.79
		3720.00	-0.60	75 / 0	22.80	22.20	0.166	30.00	-7.80
		3720.00	-0.60	1 / 104	26.69	26.09	0.407	30.00	-3.91
	16-QAM	3840.00	-0.60	100 / 0	26.78	26.18	0.415	30.00	-3.82
		3960.00	-0.60	1 / 1	26.82	26.22	0.418	30.00	-3.78
		3720.00	-0.60	1 / 104	26.76	26.16	0.413	30.00	-3.84
	256-QAM	3840.00	-0.60	1 / 1	26.83	26.23	0.420	30.00	-3.77
40 MHz	n/2 BPSK	3960.00	-0.60	1 / 1	26.82	26.22	0.418	30.00	-3.78
		3720.00	-0.60	1 / 104	26.76	26.16	0.413	30.00	-3.84
		3840.00	-0.60	1 / 1	26.83	26.23	0.420	30.00	-3.77
	QPSK	3960.00	-0.60	1 / 1	26.82	26.22	0.419	30.00	-3.78
		3960.00	-0.60	1 / 1	25.96	25.36	0.344	30.00	-4.64
		3840.00	-0.60	100 / 0	24.87	24.27	0.267	30.00	-5.73
	16-QAM	3840.00	-0.60	100 / 0	22.80	22.20	0.166	30.00	-7.80
		3725.01	-0.60	128 / 0	26.70	26.10	0.408	30.00	-3.90
		3840.00	-0.60	128 / 0	26.79	26.19	0.416	30.00	-3.81
	256-QAM	3840.00	-0.60	128 / 0	26.81	26.21	0.418	30.00	-3.79
50 MHz	n/2 BPSK	3725.01	-0.60	1 / 64	26.60	26.00	0.398	30.00	-4.00
		3840.00	-0.60	1 / 64	26.75	26.15	0.412	30.00	-3.85
		3954.99	-0.60	1 / 64	26.78	26.18	0.415	30.00	-3.82
	QPSK	3840.00	-0.60	1 / 64	25.61	25.01	0.317	30.00	-4.99
		3840.00	-0.60	128 / 0	24.88	24.28	0.268	30.00	-5.72
		3840.00	-0.60	128 / 0	22.86	22.26	0.168	30.00	-7.74
	16-QAM	3730.02	-0.60	162 / 0	26.52	25.92	0.391	30.00	-4.08
		3840.00	-0.60	162 / 0	26.75	26.15	0.412	30.00	-3.85
		3949.98	-0.60	162 / 0	26.84	26.24	0.420	30.00	-3.76
	256-QAM	3730.02	-0.60	1 / 160	26.63	26.03	0.401	30.00	-3.97
60 MHz	n/2 BPSK	3840.00	-0.60	1 / 81	26.58	25.98	0.397	30.00	-4.02
		3949.98	-0.60	1 / 81	26.73	26.13	0.410	30.00	-3.87
		3840.00	-0.60	1 / 81	25.58	24.98	0.315	30.00	-5.02
	QPSK	3949.98	-0.60	162 / 0	24.75	24.15	0.260	30.00	-5.85
		3949.98	-0.60	162 / 0	22.74	22.14	0.164	30.00	-7.86
		3735.00	-0.60	180 / 0	26.73	26.13	0.410	30.00	-3.87
	16-QAM	3840.00	-0.60	180 / 0	26.86	26.26	0.423	30.00	-3.74
		3945.00	-0.60	180 / 0	26.91	26.31	0.428	30.00	-3.69
		3735.00	-0.60	1 / 187	26.71	26.11	0.408	30.00	-3.89
	256-QAM	3840.00	-0.60	1 / 1	26.71	26.11	0.408	30.00	-3.89
70 MHz	n/2 BPSK	3945.00	-0.60	1 / 90	26.86	26.26	0.422	30.00	-3.74
		3840.00	-0.60	1 / 90	25.75	25.15	0.327	30.00	-4.85
		3945.00	-0.60	180 / 0	24.87	24.27	0.267	30.00	-5.73
	QPSK	3840.00	-0.60	180 / 0	22.82	22.22	0.167	30.00	-7.78
		3740.01	-0.60	1 / 215	26.80	26.20	0.417	30.00	-3.80
		3840.00	-0.60	216 / 0	26.80	26.20	0.417	30.00	-3.80
	16-QAM	3939.99	-0.60	216 / 0	26.89	26.29	0.425	30.00	-3.71
		3740.01	-0.60	1 / 215	26.71	26.11	0.409	30.00	-3.89
		3840.00	-0.60	1 / 108	26.81	26.21	0.418	30.00	-3.79
	256-QAM	3939.99	-0.60	1 / 1	26.83	26.23	0.420	30.00	-3.77
80 MHz	n/2 BPSK	3740.01	-0.60	1 / 215	26.80	26.20	0.417	30.00	-3.80
		3939.99	-0.60	216 / 0	24.83	24.23	0.265	30.00	-5.77
		3939.99	-0.60	216 / 0	22.86	22.26	0.168	30.00	-7.74
	QPSK	3745.02	-0.60	1 / 243	26.77	26.17	0.414	30.00	-3.83
		3840.00	-0.60	243 / 0	26.78	26.18	0.415	30.00	-3.82
		3934.98	-0.60	243 / 0	26.89	26.29	0.425	30.00	-3.71
	16-QAM	3745.02	-0.60	1 / 243	26.86	26.26	0.422	30.00	-3.74
		3840.00	-0.60	1 / 120	26.81	26.21	0.418	30.00	-3.79
		3934.98	-0.60	1 / 120	26.78	26.18	0.415	30.00	-3.82
	256-QAM	3934.98	-0.60	1 / 120	25.69	25.09	0.323	30.00	-4.91
100 MHz	n/2 BPSK	3934.98	-0.60	243 / 0	24.88	24.28	0.268	30.00	-5.72
		3750.00	-0.60	1 / 135	26.68	26.08	0.406	30.00	-3.92
		3840.00	-0.60	270 / 0	26.83	26.23	0.420	30.00	-3.77
	QPSK	3930.00	-0.60	270 / 0	26.86	26.26	0.423	30.00	-3.74
		3750.00	-0.60	1 / 135	26.60	26.00	0.398	30.00	-4.00
		3840.00	-0.60	1 / 135	26.46	25.86	0.385	30.00	-4.14
	16-QAM	3930.00	-0.60	1 / 135	26.52	25.92	0.391	30.00	-4.08
		3750.00	-0.60	1 / 135	25.59	24.99	0.315	30.00	-5.01
		3930.00	-0.60	270 / 0	24.84	24.24	0.265	30.00	-5.76
	256-QAM	3840.00	-0.60	270 / 0	22.95	22.35	0.172	30.00	-7.65

Table 7-12. Antenna 4b EIRP Data (NR Band n77 (PC2) – C Band)

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170041-11.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device	Page 235 of 257

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	3705.00	-0.60	24 / 0	25.33	24.73	0.297	30.00	-5.27	
		3840.00	-0.60	24 / 0	25.48	24.88	0.308	30.00	-5.12	
		3975.00	-0.60	24 / 0	25.33	24.73	0.297	30.00	-5.27	
		3705.00	-0.60	1 / 1	25.21	24.61	0.289	30.00	-5.39	
	QPSK	3840.00	-0.60	1 / 1	25.41	24.81	0.302	30.00	-5.19	
		3975.00	-0.60	1 / 12	25.33	24.73	0.297	30.00	-5.27	
		16-QAM	3840.00	-0.60	1 / 22	24.15	23.55	0.226	30.00	-6.45
		64-QAM	3840.00	-0.60	24 / 0	23.49	22.89	0.195	30.00	-7.11
15 MHz	n/2 BPSK	3840.00	-0.60	24 / 0	21.51	20.91	0.123	30.00	-9.09	
		3707.51	-0.60	36 / 0	25.17	24.57	0.286	30.00	-5.43	
		3840.00	-0.60	36 / 0	25.25	24.65	0.292	30.00	-5.35	
		3972.50	-0.60	36 / 0	25.19	24.59	0.287	30.00	-5.41	
	QPSK	3707.51	-0.60	1 / 36	25.13	24.53	0.284	30.00	-5.47	
		3840.00	-0.60	1 / 1	25.28	24.68	0.293	30.00	-5.32	
		3972.50	-0.60	1 / 18	25.24	24.64	0.291	30.00	-5.36	
		16-QAM	3707.51	-0.60	1 / 1	24.29	23.69	0.234	30.00	-6.31
20 MHz	n/2 BPSK	3840.00	-0.60	50 / 0	25.24	24.64	0.291	30.00	-5.36	
		3840.00	-0.60	50 / 0	25.38	24.78	0.301	30.00	-5.22	
		3969.99	-0.60	50 / 0	25.27	24.67	0.293	30.00	-5.33	
		3710.01	-0.60	1 / 1	25.45	24.85	0.306	30.00	-5.15	
	QPSK	3840.00	-0.60	1 / 1	25.33	24.73	0.297	30.00	-5.27	
		3969.99	-0.60	1 / 1	25.21	24.61	0.289	30.00	-5.39	
		16-QAM	3840.00	-0.60	1 / 25	24.13	23.53	0.226	30.00	-6.47
		64-QAM	3840.00	-0.60	50 / 0	23.39	22.79	0.190	30.00	-7.21
25 MHz	n/2 BPSK	3840.00	-0.60	64 / 0	23.48	22.88	0.193	30.00	-7.13	
		3712.50	-0.60	64 / 0	25.26	24.66	0.292	30.00	-5.34	
		3840.00	-0.60	64 / 0	25.40	24.80	0.302	30.00	-5.20	
		3967.50	-0.60	64 / 0	25.28	24.68	0.294	30.00	-5.32	
	QPSK	3712.50	-0.60	1 / 32	25.12	24.52	0.283	30.00	-5.48	
		3840.00	-0.60	1 / 32	25.26	24.66	0.292	30.00	-5.34	
		3967.50	-0.60	1 / 1	25.19	24.59	0.288	30.00	-5.41	
		16-QAM	3840.00	-0.60	1 / 1	24.17	23.57	0.228	30.00	-6.43
30 MHz	n/2 BPSK	3840.00	-0.60	64 / 0	23.50	22.90	0.195	30.00	-7.10	
		3840.00	-0.60	64 / 0	21.50	20.90	0.123	30.00	-9.10	
		3715.02	-0.60	75 / 0	25.29	24.69	0.294	30.00	-5.31	
		3840.00	-0.60	75 / 0	25.41	24.81	0.303	30.00	-5.19	
	QPSK	3964.98	-0.60	75 / 0	25.29	24.69	0.295	30.00	-5.31	
		3715.02	-0.60	1 / 1	25.27	24.67	0.293	30.00	-5.33	
		3840.00	-0.60	1 / 36	25.33	24.73	0.297	30.00	-5.27	
		16-QAM	3964.98	-0.60	1 / 1	25.36	24.76	0.299	30.00	-5.24
40 MHz	n/2 BPSK	3840.00	-0.60	1 / 76	24.24	23.64	0.231	30.00	-6.36	
		3840.00	-0.60	75 / 0	23.39	22.79	0.190	30.00	-7.21	
		3840.00	-0.60	75 / 0	21.42	20.82	0.121	30.00	-9.18	
		3720.00	-0.60	100 / 0	25.22	24.62	0.290	30.00	-5.38	
	QPSK	3960.00	-0.60	1 / 1	25.32	24.72	0.296	30.00	-5.28	
		3960.00	-0.60	1 / 1	25.31	24.71	0.296	30.00	-5.29	
		3720.00	-0.60	1 / 104	25.19	24.59	0.288	30.00	-5.41	
		16-QAM	3840.00	-0.60	1 / 1	25.25	24.65	0.292	30.00	-5.35
50 MHz	n/2 BPSK	3960.00	-0.60	1 / 1	25.32	24.72	0.297	30.00	-5.28	
		3840.00	-0.60	1 / 50	24.33	23.73	0.236	30.00	-6.27	
		3840.00	-0.60	100 / 0	23.42	22.82	0.192	30.00	-7.18	
		3960.00	-0.60	100 / 0	21.50	20.90	0.123	30.00	-9.10	
	QPSK	3725.01	-0.60	128 / 0	25.24	24.64	0.291	30.00	-5.36	
		3725.01	-0.60	1 / 64	25.17	24.57	0.286	30.00	-5.43	
		3840.00	-0.60	1 / 64	25.36	24.76	0.299	30.00	-5.24	
		16-QAM	3954.99	-0.60	1 / 64	24.16	23.56	0.227	30.00	-6.44
60 MHz	n/2 BPSK	64-QAM	3840.00	-0.60	128 / 0	23.53	22.93	0.196	30.00	-7.07
		256-QAM	3840.00	-0.60	128 / 0	21.52	20.92	0.124	30.00	-9.08
		3730.02	-0.60	1 / 160	25.19	24.59	0.288	30.00	-5.41	
		3840.00	-0.60	162 / 0	25.30	24.70	0.295	30.00	-5.30	
	QPSK	3949.98	-0.60	162 / 0	25.35	24.75	0.298	30.00	-5.25	
		3730.02	-0.60	1 / 160	25.34	24.74	0.298	30.00	-5.26	
		3840.00	-0.60	1 / 81	25.35	24.75	0.298	30.00	-5.25	
		16-QAM	3949.98	-0.60	1 / 1	25.36	24.76	0.299	30.00	-5.24
70 MHz	n/2 BPSK	64-QAM	3840.00	-0.60	1 / 1	24.43	23.83	0.241	30.00	-6.17
		256-QAM	3949.98	-0.60	162 / 0	23.40	22.80	0.191	30.00	-7.20
		3949.98	-0.60	162 / 0	21.44	20.84	0.121	30.00	-9.16	
		3735.00	-0.60	180 / 0	25.25	24.65	0.292	30.00	-5.35	
	QPSK	3840.00	-0.60	180 / 0	25.31	24.71	0.296	30.00	-5.29	
		3945.00	-0.60	180 / 0	25.34	24.74	0.298	30.00	-5.26	
		3735.00	-0.60	1 / 187	25.23	24.63	0.291	30.00	-5.37	
		3840.00	-0.60	1 / 90	25.35	24.75	0.299	30.00	-5.25	
80 MHz	n/2 BPSK	3945.00	-0.60	1 / 1	25.29	24.69	0.295	30.00	-5.31	
		3735.00	-0.60	1 / 187	24.12	23.52	0.225	30.00	-6.48	
		64-QAM	3945.00	-0.60	180 / 0	23.36	22.76	0.189	30.00	-7.24
		256-QAM	3945.00	-0.60	180 / 0	21.34	20.74	0.119	30.00	-9.26
	QPSK	3740.01	-0.60	216 / 0	25.29	24.69	0.294	30.00	-5.31	
		3840.00	-0.60	216 / 0	25.42	24.82	0.303	30.00	-5.18	
		3939.99	-0.60	216 / 0	25.43	24.83	0.304	30.00	-5.17	
		3740.01	-0.60	1 / 215	25.33	24.73	0.297	30.00	-5.27	
90 MHz	n/2 BPSK	3840.00	-0.60	1 / 108	25.27	24.67	0.293	30.00	-5.33	
		3939.99	-0.60	1 / 108	25.41	24.81	0.303	30.00	-5.19	
		16-QAM	3939.99	-0.60	1 / 1	24.41	23.81	0.241	30.00	-6.19
		64-QAM	3939.99	-0.60	216 / 0	23.43	22.83	0.192	30.00	-7.17
	QPSK	256-QAM	3939.99	-0.60	216 / 0	21.39	20.79	0.120	30.00	-9.21
		3745.02	-0.60	243 / 0	25.25	24.65	0.292	30.00	-5.35	
		3840.00	-0.60	243 / 0	25.28	24.68	0.294	30.00	-5.32	
		3934.98	-0.60	1 / 120	25.36	24.76	0.299	30.00	-5.24	
100 MHz	n/2 BPSK	3745.02	-0.60	1 / 243	25.23	24.63	0.291	30.00	-5.37	
		3840.00	-0.60	1 / 1	25.29	24.69	0.295	30.00	-5.31	
		3934.98	-0.60	1 / 120	25.28	24.68	0.294	30.00	-5.32	
		16-QAM	3934.98	-0.60	1 / 120	24.32	23.72	0.235	30.00	-6.28
	QPSK	3840.00	-0.60	243 / 0	23.40	22.80	0.191	30.00	-7.20	
		3840.00	-0.60	243 / 0	21.40	20.80	0.120	30.00	-9.20	
		3750.00	-0.60	1 / 135	25.36	24.76	0.299	30.00	-5.24	
		3840.00	-0.60	270 / 0	25.32	24.72	0.297	30.00	-5.28	
QPSK	3930.00	-0.60	270 / 0	25.43	24.83	0.304	30.00	-5.17		
	3750.00	-0.60	1 / 135	25.31	24.71	0.296	30.00	-5.29		
	3840.00	-0.60	1 / 135	25.26	24.66	0.292	30.00	-5.34		
	64-QAM	3930.00	-0.60	1 / 135	24.64	24.04	0.201	30.00	-8.96	
QPSK	3750.00	-0.60	1 / 135	24.02	23.42	0.220	30.00	-6.58		
	3930.00	-0.60	270 / 0	23.38	22.78	0.189	30.00	-7.22		
	256-QAM	3930.00	-0.60	270 / 0	21.37	20.77	0.119	30.00	-9.23	

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	n/2 BPSK	3455.01	-2.80	24 / 0	25.15	22.35	0.172	30.00	-7.65	
		3500.01	-2.80	24 / 0	25.19	22.39	0.173	30.00	-7.61	
		3544.98	-2.80	24 / 0	25.34	22.54	0.179	30.00	-7.46	
	QPSK	3455.01	-2.80	1 / 1	25.12	22.32	0.171	30.00	-7.68	
		3500.01	-2.80	1 / 22	25.16	22.36	0.172	30.00	-7.64	
		3544.98	-2.80	1 / 1	25.29	22.49	0.177	30.00	-7.51	
	16-QAM	3544.98	-2.80	1 / 22	24.04	21.24	0.133	30.00	-8.76	
		64-QAM	3544.98	-2.80	24 / 0	23.37	20.57	0.114	30.00	-9.43
		256-QAM	3544.98	-2.80	24 / 0	21.38	18.58	0.072	30.00	-11.42
	15 MHz	n/2 BPSK	3457.50	-2.80	36 / 0	25.02	22.22	0.167	30.00	-7.78
3500.01			-2.80	36 / 0	25.04	22.24	0.168	30.00	-7.76	
3542.49			-2.80	36 / 0	25.22	22.42	0.174	30.00	-7.58	
QPSK		3457.50	-2.80	1 / 1	25.02	22.22	0.167	30.00	-7.78	
		3500.01	-2.80	1 / 36	25.10	22.30	0.170	30.00	-7.70	
		3542.49	-2.80	1 / 1	25.16	22.36	0.172	30.00	-7.64	
16-QAM		3542.49	-2.80	1 / 1	24.27	21.47	0.140	30.00	-8.53	
		64-QAM	3542.49	-2.80	36 / 0	23.28	20.48	0.112	30.00	-9.52
		256-QAM	3542.49	-2.80	36 / 0	21.27	18.47	0.070	30.00	-11.53
20 MHz		n/2 BPSK	3460.02	-2.80	1 / 25	25.05	22.25	0.168	30.00	-7.75
	3500.01		-2.80	50 / 0	25.06	22.26	0.168	30.00	-7.74	
	3540.00		-2.80	50 / 0	25.24	22.44	0.175	30.00	-7.56	
	QPSK	3460.02	-2.80	1 / 1	25.04	22.24	0.168	30.00	-7.76	
		3500.01	-2.80	1 / 49	25.08	22.28	0.169	30.00	-7.72	
		3540.00	-2.80	1 / 1	25.16	22.36	0.172	30.00	-7.64	
	16-QAM	3540.00	-2.80	1 / 49	24.18	21.38	0.137	30.00	-8.62	
		64-QAM	3540.00	-2.80	50 / 0	23.30	20.50	0.112	30.00	-9.50
		256-QAM	3540.00	-2.80	50 / 0	21.30	18.50	0.071	30.00	-11.50
	25 MHz	n/2 BPSK	3462.51	-2.80	64 / 0	25.06	22.26	0.168	30.00	-7.74
3500.01			-2.80	64 / 0	25.10	22.30	0.170	30.00	-7.70	
3537.48			-2.80	64 / 0	25.27	22.47	0.177	30.00	-7.53	
QPSK		3462.51	-2.80	1 / 32	24.95	22.15	0.164	30.00	-7.85	
		3500.01	-2.80	1 / 32	25.04	22.24	0.167	30.00	-7.76	
		3537.48	-2.80	1 / 32	25.13	22.33	0.171	30.00	-7.67	
16-QAM		3500.01	-2.80	1 / 32	24.03	21.23	0.133	30.00	-8.77	
		64-QAM	3537.48	-2.80	64 / 0	23.36	20.56	0.114	30.00	-9.44
		256-QAM	3537.48	-2.80	64 / 0	21.31	18.51	0.071	30.00	-11.49
30 MHz		n/2 BPSK	3465.00	-2.80	75 / 0	25.03	22.23	0.167	30.00	-7.77
	3500.01		-2.80	75 / 0	25.06	22.26	0.168	30.00	-7.74	
	3534.99		-2.80	75 / 0	25.24	22.44	0.175	30.00	-7.56	
	QPSK	3465.00	-2.80	1 / 1	25.06	22.26	0.168	30.00	-7.74	
		3500.01	-2.80	1 / 76	25.09	22.29	0.170	30.00	-7.71	
		3534.99	-2.80	1 / 36	25.48	22.68	0.186	30.00	-7.32	
	16-QAM	3500.01	-2.80	1 / 1	24.06	21.26	0.134	30.00	-8.74	
		64-QAM	3534.99	-2.80	75 / 0	23.31	20.51	0.113	30.00	-9.49
		256-QAM	3534.99	-2.80	75 / 0	21.24	18.44	0.070	30.00	-11.56
	40 MHz	n/2 BPSK	3470.01	-2.80	100 / 0	25.07	22.27	0.169	30.00	-7.73
3500.01			-2.80	100 / 0	25.08	22.28	0.169	30.00	-7.72	
3529.98			-2.80	100 / 0	25.20	22.40	0.174	30.00	-7.60	
QPSK		3470.01	-2.80	1 / 1	25.06	22.26	0.168	30.00	-7.74	
		3500.01	-2.80	1 / 1	24.97	22.17	0.165	30.00	-7.83	
		3529.98	-2.80	1 / 50	25.10	22.30	0.170	30.00	-7.70	
16-QAM		3529.98	-2.80	1 / 104	24.16	21.36	0.137	30.00	-8.64	
		64-QAM	3529.98	-2.80	100 / 0	23.20	20.40	0.110	30.00	-9.60
		256-QAM	3529.98	-2.80	100 / 0	21.19	18.39	0.069	30.00	-11.61
50 MHz		n/2 BPSK	3475.02	-2.80	128 / 0	25.04	22.24	0.168	30.00	-7.76
	3500.01		-2.80	128 / 0	25.03	22.23	0.167	30.00	-7.77	
	3525.00		-2.80	128 / 0	25.24	22.44	0.176	30.00	-7.56	
	QPSK	3475.02	-2.80	1 / 64	24.98	22.18	0.165	30.00	-7.82	
		3500.01	-2.80	1 / 64	24.99	22.19	0.165	30.00	-7.81	
		3525.00	-2.80	1 / 64	25.06	22.26	0.168	30.00	-7.74	
	16-QAM	3475.02	-2.80	1 / 64	23.89	21.09	0.129	30.00	-8.91	
		64-QAM	3525.00	-2.80	128 / 0	23.28	20.48	0.112	30.00	-9.52
		256-QAM	3525.00	-2.80	128 / 0	21.25	18.45	0.070	30.00	-11.55
	60 MHz	n/2 BPSK	3480.00	-2.80	1 / 1	24.97	22.17	0.165	30.00	-7.83
3500.01			-2.80	162 / 0	25.05	22.25	0.168	30.00	-7.75	
3519.99			-2.80	1 / 160	25.06	22.26	0.168	30.00	-7.74	
QPSK		3480.00	-2.80	1 / 1	25.00	22.20	0.166	30.00	-7.80	
		3500.01	-2.80	1 / 160	25.12	22.32	0.170	30.00	-7.68	
		3519.99	-2.80	1 / 160	25.09	22.29	0.169	30.00	-7.71	
16-QAM		3500.01	-2.80	1 / 160	24.08	21.28	0.134	30.00	-8.72	
		64-QAM	3500.01	-2.80	162 / 0	23.10	20.30	0.107	30.00	-9.70
		256-QAM	3480.00	-2.80	162 / 0	21.08	18.28	0.067	30.00	-11.72
70 MHz		n/2 BPSK	3485.01	-2.80	180 / 0	24.97	22.17	0.165	30.00	-7.83
	3500.01		-2.80	180 / 0	25.01	22.21	0.166	30.00	-7.79	
	3514.98		-2.80	180 / 0	25.05	22.25	0.168	30.00	-7.75	
	QPSK	3485.01	-2.80	1 / 1	24.94	22.14	0.164	30.00	-7.86	
		3500.01	-2.80	1 / 187	25.01	22.21	0.166	30.00	-7.79	
		3514.98	-2.80	1 / 187	25.04	22.24	0.168	30.00	-7.76	
	16-QAM	3514.98	-2.80	1 / 187	23.89	21.09	0.128	30.00	-8.91	
		64-QAM	3514.98	-2.80	180 / 0	23.09	20.29	0.107	30.00	-9.71
		256-QAM	3514.98	-2.80	180 / 0	21.09	18.29	0.068	30.00	-11.71
	80 MHz	n/2 BPSK	3490.02	-2.80	1 / 215	25.15	22.35	0.172	30.00	-7.65
3500.01			-2.80	216 / 0	25.08	22.28	0.169	30.00	-7.72	
3510.00			-2.80	216 / 0	25.12	22.32	0.170	30.00	-7.68	
QPSK		3490.02	-2.80	1 / 215	25.21	22.41	0.174	30.00	-7.59	
		3500.01	-2.80	1 / 215	25.21	22.41	0.174	30.00	-7.59	
		3510.00	-2.80	1 / 215	25.19	22.39	0.173	30.00	-7.61	
16-QAM		3490.02	-2.80	1 / 215	23.94	21.14	0.130	30.00	-8.86	
		64-QAM	3510.00	-2.80	216 / 0	23.12	20.32	0.108	30.00	-9.68
		256-QAM	3510.00	-2.80	216 / 0	21.14	18.34	0.068	30.00	-11.66
90 MHz		n/2 BPSK	3495.00	-2.80	243 / 0	25.07	22.27	0.169	30.00	-7.73
	3500.01		-2.80	1 / 120	25.11	22.31	0.170	30.00	-7.69	
	3504.99		-2.80	243 / 0	25.16	22.36	0.172	30.00	-7.64	
	QPSK	3495.00	-2.80	1 / 120	25.18	22.38	0.173	30.00	-7.62	
		3500.01	-2.80	1 / 243	24.97	22.17	0.165	30.00	-7.83	
		3504.99	-2.80	1 / 120	25.10	22.30	0.170	30.00	-7.70	
	16-QAM	3504.99	-2.80	1 / 120	24.08	21.28	0.134	30.00	-8.72	
		64-QAM	3504.99	-2.80	243 / 0	23.18	20.38	0.109	30.00	-9.62
		256-QAM	3504.99	-2.80	243 / 0	21.21	18.41	0.069	30.00	-11.59
	100 MHz	n/2 BPSK	3500.01	-2.80	270 / 0	25.17	22.37	0.172	30.00	-7.63
QPSK		3500.01	-2.80	1 / 1	25.27	22.47	0.176	30.00	-7.53	
64-QAM		3500.01	-2.80	1 / 1	24.39	21.59	0.144	30.00	-8.41	
256-QAM		3500.01	-2.80	270 / 0	23.40	20.60	0.115	30.00	-9.40	

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	-2.80	24 / 0	24.61	21.81	0.152	30.00	-8.19	
		3500.01	-2.80	24 / 0	24.61	21.81	0.152	30.00	-8.19	
		3544.98	-2.80	24 / 0	24.76	21.96	0.157	30.00	-8.04	
		3455.01	-2.80	1 / 1	24.55	21.75	0.150	30.00	-8.25	
		3500.01	-2.80	1 / 22	24.61	21.81	0.152	30.00	-8.19	
	QPSK	3544.98	-2.80	1 / 1	24.69	21.89	0.155	30.00	-8.11	
		16-QAM	3544.98	-2.80	1 / 1	23.53	20.73	0.118	30.00	-9.27
		64-QAM	3544.98	-2.80	24 / 0	22.83	20.03	0.101	30.00	-9.97
		256-QAM	3544.98	-2.80	24 / 0	20.84	18.04	0.064	30.00	-11.96
		3457.50	-2.80	1 / 36	24.47	21.67	0.147	30.00	-8.33	
15 MHz	π/2 BPSK	3500.01	-2.80	36 / 0	24.49	21.69	0.148	30.00	-8.31	
		3542.49	-2.80	36 / 0	24.64	21.84	0.153	30.00	-8.16	
		3457.50	-2.80	1 / 1	24.52	21.72	0.149	30.00	-8.28	
		3500.01	-2.80	1 / 36	24.51	21.71	0.148	30.00	-8.29	
		3542.49	-2.80	1 / 1	24.65	21.85	0.153	30.00	-8.15	
	QPSK	3542.49	-2.80	1 / 36	23.46	20.66	0.116	30.00	-9.34	
		16-QAM	3542.49	-2.80	36 / 0	22.75	19.95	0.099	30.00	-10.05
		64-QAM	3542.49	-2.80	36 / 0	20.77	17.97	0.063	30.00	-12.03
		256-QAM	3542.49	-2.80	36 / 0	20.77	17.97	0.063	30.00	-12.03
		3460.02	-2.80	50 / 0	24.54	21.74	0.149	30.00	-8.26	
20 MHz	π/2 BPSK	3500.01	-2.80	50 / 0	24.58	21.78	0.151	30.00	-8.22	
		3540.00	-2.80	50 / 0	24.74	21.94	0.156	30.00	-8.06	
		3460.02	-2.80	1 / 25	24.76	21.96	0.157	30.00	-8.04	
		3500.01	-2.80	1 / 49	24.52	21.72	0.148	30.00	-8.28	
		3540.00	-2.80	1 / 49	24.62	21.82	0.152	30.00	-8.18	
	QPSK	16-QAM	3540.00	-2.80	1 / 49	23.60	20.80	0.120	30.00	-9.20
		64-QAM	3540.00	-2.80	50 / 0	22.71	19.91	0.098	30.00	-10.09
		256-QAM	3540.00	-2.80	50 / 0	20.78	17.98	0.063	30.00	-12.02
		3462.51	-2.80	64 / 0	24.52	21.72	0.149	30.00	-8.28	
		3500.01	-2.80	64 / 0	24.59	21.79	0.151	30.00	-8.21	
25 MHz	π/2 BPSK	3537.48	-2.80	64 / 0	24.72	21.92	0.156	30.00	-8.08	
		3462.51	-2.80	1 / 63	24.45	21.65	0.146	30.00	-8.35	
		3500.01	-2.80	1 / 63	24.45	21.65	0.146	30.00	-8.35	
		3537.48	-2.80	1 / 32	24.65	21.85	0.153	30.00	-8.15	
		16-QAM	3537.48	-2.80	1 / 32	23.49	20.69	0.117	30.00	-9.31
	QPSK	64-QAM	3537.48	-2.80	64 / 0	22.81	20.01	0.100	30.00	-9.99
		256-QAM	3537.48	-2.80	64 / 0	20.79	17.99	0.063	30.00	-12.01
		3465.00	-2.80	75 / 0	24.49	21.69	0.148	30.00	-8.31	
		3500.01	-2.80	75 / 0	24.53	21.73	0.149	30.00	-8.27	
		3534.99	-2.80	75 / 0	24.69	21.89	0.154	30.00	-8.11	
30 MHz	π/2 BPSK	3465.00	-2.80	1 / 76	24.53	21.73	0.149	30.00	-8.27	
		3500.01	-2.80	1 / 76	24.53	21.73	0.149	30.00	-8.27	
		3534.99	-2.80	1 / 36	24.66	21.86	0.153	30.00	-8.14	
		16-QAM	3534.99	-2.80	1 / 36	23.69	20.89	0.123	30.00	-9.11
		64-QAM	3534.99	-2.80	75 / 0	22.77	19.97	0.099	30.00	-10.03
	QPSK	256-QAM	3534.99	-2.80	75 / 0	20.71	17.91	0.062	30.00	-12.09
		3470.01	-2.80	100 / 0	24.50	21.70	0.148	30.00	-8.30	
		3500.01	-2.80	100 / 0	24.53	21.73	0.149	30.00	-8.27	
		3529.98	-2.80	100 / 0	24.65	21.85	0.153	30.00	-8.15	
		3470.01	-2.80	1 / 1	24.56	21.76	0.150	30.00	-8.24	
40 MHz	π/2 BPSK	3500.01	-2.80	1 / 1	24.50	21.70	0.148	30.00	-8.30	
		3529.98	-2.80	1 / 50	24.58	21.78	0.151	30.00	-8.22	
		16-QAM	3500.01	-2.80	1 / 1	23.45	20.65	0.116	30.00	-9.35
		64-QAM	3529.98	-2.80	100 / 0	22.66	19.86	0.097	30.00	-10.14
		256-QAM	3529.98	-2.80	100 / 0	20.68	17.88	0.061	30.00	-12.12
	QPSK	3475.02	-2.80	128 / 0	24.51	21.71	0.148	30.00	-8.29	
		3500.01	-2.80	128 / 0	24.53	21.73	0.149	30.00	-8.27	
		3525.00	-2.80	128 / 0	24.67	21.87	0.154	30.00	-8.13	
		3475.02	-2.80	1 / 64	24.46	21.66	0.147	30.00	-8.34	
		3500.01	-2.80	1 / 64	24.50	21.70	0.148	30.00	-8.30	
50 MHz	π/2 BPSK	3525.00	-2.80	1 / 64	24.52	21.72	0.149	30.00	-8.28	
		16-QAM	3500.01	-2.80	1 / 64	23.48	20.68	0.117	30.00	-9.32
		64-QAM	3525.00	-2.80	128 / 0	22.71	19.91	0.098	30.00	-10.09
		256-QAM	3525.00	-2.80	128 / 0	20.67	17.87	0.061	30.00	-12.13
		3480.00	-2.80	162 / 0	24.48	21.68	0.147	30.00	-8.32	
	QPSK	3519.99	-2.80	1 / 1	24.51	21.71	0.148	30.00	-8.29	
		3519.99	-2.80	162 / 0	24.51	21.71	0.148	30.00	-8.29	
		16-QAM	3480.00	-2.80	1 / 160	24.76	21.96	0.157	30.00	-8.04
		64-QAM	3519.99	-2.80	1 / 160	24.96	22.16	0.164	30.00	-7.84
		256-QAM	3480.00	-2.80	1 / 1	24.04	21.24	0.133	30.00	-8.76
60 MHz	π/2 BPSK	3500.01	-2.80	162 / 0	23.16	20.36	0.109	30.00	-9.64	
		3500.01	-2.80	162 / 0	21.15	18.35	0.068	30.00	-11.65	
		3485.01	-2.80	180 / 0	24.89	22.09	0.162	30.00	-7.91	
		3500.01	-2.80	1 / 90	24.93	22.13	0.163	30.00	-7.87	
		3514.98	-2.80	180 / 0	24.94	22.14	0.164	30.00	-7.86	
	QPSK	3465.01	-2.80	1 / 1	24.88	22.08	0.161	30.00	-7.92	
		3500.01	-2.80	1 / 187	24.95	22.15	0.164	30.00	-7.85	
		3514.98	-2.80	1 / 90	24.87	22.07	0.161	30.00	-7.93	
		16-QAM	3500.01	-2.80	1 / 187	23.87	21.07	0.128	30.00	-8.93
		64-QAM	3514.98	-2.80	180 / 0	23.17	20.37	0.109	30.00	-9.63
70 MHz	π/2 BPSK	256-QAM	3500.01	-2.80	180 / 0	21.17	18.37	0.069	30.00	-11.63
		3490.02	-2.80	1 / 215	24.83	22.03	0.159	30.00	-7.97	
		3500.01	-2.80	1 / 215	24.97	22.17	0.165	30.00	-7.83	
		3510.00	-2.80	216 / 0	24.87	22.07	0.161	30.00	-7.93	
		3490.02	-2.80	1 / 215	24.84	22.04	0.160	30.00	-7.96	
	QPSK	3500.01	-2.80	1 / 215	24.94	22.14	0.164	30.00	-7.86	
		16-QAM	3510.00	-2.80	1 / 108	24.86	22.06	0.161	30.00	-7.94
		64-QAM	3490.02	-2.80	1 / 215	23.82	21.02	0.126	30.00	-8.98
		256-QAM	3510.00	-2.80	216 / 0	23.27	20.47	0.111	30.00	-9.53
		3510.00	-2.80	216 / 0	20.02	17.22	0.053	30.00	-12.78	
80 MHz	π/2 BPSK	3495.00	-2.80	243 / 0	24.53	21.73	0.149	30.00	-8.27	
		3500.01	-2.80	1 / 243	24.53	21.73	0.149	30.00	-8.27	
		3504.99	-2.80	243 / 0	24.47	21.67	0.147	30.00	-8.33	
		3495.00	-2.80	1 / 243	24.48	21.68	0.147	30.00	-8.32	
		3504.99	-2.80	1 / 243	24.48	21.68	0.147	30.00	-8.32	
	QPSK	3500.01	-2.80	1 / 243	24.51	21.71	0.148	30.00	-8.29	
		16-QAM	3504.99	-2.80	1 / 243	23.22	20.42	0.110	30.00	-9.58
		64-QAM	3504.99	-2.80	243 / 0	22.19	19.39	0.087	30.00	-10.61
		256-QAM	3504.99	-2.80	243 / 0	20.23	17.43	0.055	30.00	-12.57
		3500.01	-2.80	1 / 271	24.53	21.73	0.149	30.00	-8.27	
100 MHz	QPSK	3500.01	-2.80	1 / 1	24.56	21.76	0.150	30.00	-8.24	
		16-QAM	3500.01	-2.80	1 / 1	23.35	20.55	0.113	30.00	-9.45
		64-QAM	3500.01	-2.80	270 / 0	22.32	19.52	0.090	30.00	-10.48
		256-QAM	3500.01	-2.80	270 / 0	20.27	17.47	0.056	30.00	-12.53

Table 7-15. Antenna 2b EIRP Data (NR Band n77 (PC3) – DoD Band)

FCC ID: BCGA3361		PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1C2504170041-11.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device		Page 238 of 257

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	-2.60	24 / 0	25.01	22.41	0.174	30.00	-7.59
		3840.00	-2.60	24 / 0	25.21	22.61	0.182	30.00	-7.39
		3975.00	-2.60	24 / 0	25.25	22.65	0.184	30.00	-7.35
	QPSK	3705.00	-2.60	1 / 22	24.98	22.38	0.173	30.00	-7.62
		3840.00	-2.60	1 / 22	25.25	22.65	0.184	30.00	-7.35
		3975.00	-2.60	1 / 12	25.28	22.68	0.185	30.00	-7.32
	16-QAM	3840.00	-2.60	1 / 22	24.10	21.50	0.141	30.00	-8.50
		3975.00	-2.60	24 / 0	23.44	20.84	0.121	30.00	-9.16
		3975.00	-2.60	24 / 0	21.45	18.85	0.077	30.00	-11.15
	256-QAM	3707.51	-2.60	1 / 36	24.99	22.39	0.173	30.00	-7.61
15 MHz	π/2 BPSK	3840.00	-2.60	1 / 36	25.39	22.79	0.190	30.00	-7.21
		3972.50	-2.60	36 / 0	25.27	22.67	0.185	30.00	-7.33
		3707.51	-2.60	1 / 1	25.09	22.49	0.177	30.00	-7.51
	QPSK	3840.00	-2.60	1 / 1	25.25	22.65	0.184	30.00	-7.35
		3972.50	-2.60	1 / 18	25.32	22.72	0.187	30.00	-7.28
		3707.50	-2.60	1 / 36	24.26	21.66	0.147	30.00	-8.34
	16-QAM	3972.50	-2.60	36 / 0	23.41	20.81	0.120	30.00	-9.19
		3972.50	-2.60	36 / 0	21.37	18.77	0.075	30.00	-11.23
		3707.51	-2.60	50 / 0	24.98	22.38	0.173	30.00	-7.62
	256-QAM	3840.00	-2.60	50 / 0	25.15	22.55	0.180	30.00	-7.45
20 MHz	π/2 BPSK	3969.99	-2.60	50 / 0	25.27	22.67	0.185	30.00	-7.33
		3710.01	-2.60	1 / 25	25.40	22.80	0.191	30.00	-7.20
		3840.00	-2.60	1 / 49	25.27	22.67	0.185	30.00	-7.33
	QPSK	3969.99	-2.60	1 / 49	25.32	22.72	0.187	30.00	-7.28
		3840.00	-2.60	1 / 1	24.36	21.76	0.150	30.00	-8.24
		3969.99	-2.60	50 / 0	23.25	20.65	0.116	30.00	-9.35
	16-QAM	3969.99	-2.60	50 / 0	21.30	18.70	0.074	30.00	-11.30
		3712.50	-2.60	64 / 0	24.97	22.37	0.173	30.00	-7.63
		3840.00	-2.60	64 / 0	25.13	22.53	0.179	30.00	-7.47
	256-QAM	3967.50	-2.60	64 / 0	25.25	22.65	0.184	30.00	-7.35
25 MHz	π/2 BPSK	3712.50	-2.60	1 / 1	24.87	22.27	0.169	30.00	-7.73
		3840.00	-2.60	1 / 63	25.03	22.43	0.175	30.00	-7.57
		3967.50	-2.60	1 / 63	25.07	22.47	0.176	30.00	-7.53
	QPSK	3840.00	-2.60	1 / 63	24.15	21.55	0.143	30.00	-8.45
		3967.50	-2.60	64 / 0	23.41	20.81	0.120	30.00	-9.19
		3967.50	-2.60	64 / 0	21.37	18.77	0.075	30.00	-11.23
	16-QAM	3715.02	-2.60	75 / 0	24.94	22.34	0.171	30.00	-7.66
		3840.00	-2.60	75 / 0	25.20	22.60	0.182	30.00	-7.40
		3964.98	-2.60	75 / 0	25.29	22.69	0.186	30.00	-7.31
	256-QAM	3715.02	-2.60	1 / 76	25.02	22.42	0.174	30.00	-7.58
30 MHz	π/2 BPSK	3840.00	-2.60	1 / 76	25.17	22.57	0.181	30.00	-7.43
		3964.98	-2.60	1 / 1	25.19	22.59	0.181	30.00	-7.41
		3964.98	-2.60	1 / 36	24.11	21.51	0.142	30.00	-8.49
	QPSK	3964.98	-2.60	75 / 0	23.23	20.63	0.115	30.00	-9.37
		3720.00	-2.60	75 / 0	21.22	18.62	0.073	30.00	-11.38
		3720.00	-2.60	1 / 104	24.88	22.28	0.169	30.00	-7.72
	16-QAM	3840.00	-2.60	100 / 0	25.10	22.50	0.178	30.00	-7.50
		3960.00	-2.60	1 / 104	25.13	22.53	0.179	30.00	-7.47
		3720.00	-2.60	1 / 104	24.88	22.28	0.169	30.00	-7.72
	256-QAM	3840.00	-2.60	1 / 104	25.11	22.51	0.178	30.00	-7.49
40 MHz	π/2 BPSK	3960.00	-2.60	1 / 104	25.17	22.57	0.181	30.00	-7.43
		3960.00	-2.60	1 / 1	24.08	21.48	0.141	30.00	-8.52
		3960.00	-2.60	100 / 0	23.11	20.51	0.112	30.00	-9.49
	QPSK	3960.00	-2.60	100 / 0	21.15	18.55	0.072	30.00	-11.45
		3725.01	-2.60	128 / 0	25.01	22.41	0.174	30.00	-7.59
		3840.00	-2.60	128 / 0	25.25	22.65	0.184	30.00	-7.35
	16-QAM	3954.99	-2.60	128 / 0	25.22	22.62	0.183	30.00	-7.38
		3725.01	-2.60	1 / 64	24.90	22.30	0.170	30.00	-7.70
		3840.00	-2.60	1 / 131	25.17	22.57	0.181	30.00	-7.43
	256-QAM	3954.99	-2.60	1 / 64	25.18	22.58	0.181	30.00	-7.42
50 MHz	π/2 BPSK	3954.99	-2.60	1 / 64	24.13	21.53	0.142	30.00	-8.47
		3954.99	-2.60	128 / 0	23.33	20.73	0.118	30.00	-9.27
		3954.99	-2.60	128 / 0	21.29	18.69	0.074	30.00	-11.31
	QPSK	3730.02	-2.60	162 / 0	25.02	22.42	0.175	30.00	-7.58
		3840.00	-2.60	162 / 0	25.17	22.57	0.181	30.00	-7.43
		3949.98	-2.60	1 / 1	25.23	22.63	0.183	30.00	-7.37
	16-QAM	3730.02	-2.60	1 / 160	25.07	22.47	0.177	30.00	-7.53
		3840.00	-2.60	1 / 160	25.21	22.61	0.182	30.00	-7.39
		3949.98	-2.60	1 / 1	25.30	22.70	0.186	30.00	-7.30
	256-QAM	3949.98	-2.60	1 / 1	24.07	21.47	0.140	30.00	-8.53
60 MHz	π/2 BPSK	3949.98	-2.60	162 / 0	23.16	20.56	0.114	30.00	-9.44
		3949.98	-2.60	162 / 0	21.12	18.52	0.071	30.00	-11.48
		3735.00	-2.60	180 / 0	24.99	22.39	0.174	30.00	-7.61
	QPSK	3840.00	-2.60	180 / 0	25.12	22.52	0.179	30.00	-7.48
		3945.00	-2.60	180 / 0	25.14	22.54	0.179	30.00	-7.46
		3735.00	-2.60	1 / 187	25.03	22.43	0.175	30.00	-7.57
	16-QAM	3840.00	-2.60	1 / 187	25.03	22.43	0.175	30.00	-7.57
		3945.00	-2.60	1 / 1	25.25	22.65	0.184	30.00	-7.35
		3945.00	-2.60	1 / 187	23.94	21.34	0.136	30.00	-8.66
	256-QAM	3840.00	-2.60	180 / 0	23.13	20.53	0.113	30.00	-9.47
70 MHz	π/2 BPSK	3840.00	-2.60	180 / 0	21.14	18.54	0.071	30.00	-11.46
		3740.01	-2.60	216 / 0	25.00	22.40	0.174	30.00	-7.60
		3840.00	-2.60	216 / 0	25.18	22.58	0.181	30.00	-7.42
	QPSK	3939.99	-2.60	1 / 108	25.19	22.59	0.182	30.00	-7.41
		3740.01	-2.60	1 / 215	25.16	22.56	0.180	30.00	-7.44
		3840.00	-2.60	1 / 215	25.25	22.65	0.184	30.00	-7.35
	16-QAM	3939.99	-2.60	1 / 1	25.36	22.76	0.189	30.00	-7.24
		3939.99	-2.60	1 / 1	24.06	21.46	0.140	30.00	-8.54
		3840.00	-2.60	216 / 0	23.20	20.60	0.115	30.00	-9.40
	256-QAM	3840.00	-2.60	216 / 0	21.16	18.56	0.072	30.00	-11.44
80 MHz	π/2 BPSK	3745.02	-2.60	243 / 0	25.00	22.40	0.174	30.00	-7.60
		3840.00	-2.60	243 / 0	25.09	22.49	0.177	30.00	-7.51
		3934.98	-2.60	243 / 0	25.16	22.56	0.180	30.00	-7.44
	QPSK	3745.02	-2.60	1 / 243	25.01	22.41	0.174	30.00	-7.59
		3840.00	-2.60	1 / 1	25.14	22.54	0.179	30.00	-7.46
		3934.98	-2.60	1 / 1	25.29	22.69	0.186	30.00	-7.31
	16-QAM	3934.98	-2.60	1 / 1	24.20	21.60	0.144	30.00	-8.40
		3934.98	-2.60	243 / 0	23.23	20.63	0.116	30.00	-9.37
		3934.98	-2.60	243 / 0	21.24	18.64	0.073	30.00	-11.36
	256-QAM	3750.00	-2.60	270 / 0	25.04	22.44	0.176	30.00	-7.56
100 MHz	π/2 BPSK	3840.00	-2.60	270 / 0	25.14	22.54	0.179	30.00	-7.46
		3930.00	-2.60	270 / 0	25.34	22.74	0.188	30.00	-7.26
		3750.00	-2.60	1 / 271	25.06	22.46	0.176	30.00	-7.54
	QPSK	3840.00	-2.60	1 / 135	25.05	22.45	0.176	30.00	-7.55
		3930.00	-2.60	1 / 271	25.24	22.64	0.184	30.00	-7.36
		3750.00	-2.60	1 / 271	23.98	21.38	0.137	30.00	-8.62
	16-QAM	3930.00	-2.60	270 / 0	23.30	20.70	0.118	30.00	-9.30
		3930.00	-2.60	270 / 0	21.31	18.71	0.074	30.00	-11.29
		3750.00	-2.60	270 / 0	25.04	22.44	0.176	30.00	-7.56

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

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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	n/2 BPSK	3705.00	-2.60	24 / 0	24.48	21.88	0.154	30.00	-8.12
		3840.00	-2.60	24 / 0	24.67	22.07	0.161	30.00	-7.93
		3975.00	-2.60	24 / 0	24.77	22.17	0.165	30.00	-7.83
		3705.00	-2.60	1 / 22	24.44	21.84	0.153	30.00	-8.16
		3840.00	-2.60	1 / 22	24.63	22.03	0.160	30.00	-7.97
	QPSK	3975.00	-2.60	1 / 12	24.67	22.07	0.161	30.00	-7.93
		3975.00	-2.60	1 / 1	23.54	20.94	0.124	30.00	-9.06
		3975.00	-2.60	24 / 0	22.86	20.26	0.106	30.00	-9.74
		3975.00	-2.60	24 / 0	20.86	18.26	0.067	30.00	-11.74
		256-QAM	3975.00	-2.60	24 / 0	20.86	18.26	0.067	30.00
15 MHz	n/2 BPSK	3707.51	-2.60	36 / 0	24.37	21.77	0.150	30.00	-8.23
		3840.00	-2.60	36 / 0	24.55	21.95	0.157	30.00	-8.05
		3972.50	-2.60	36 / 0	24.63	22.03	0.160	30.00	-7.97
		3707.51	-2.60	1 / 36	24.39	21.79	0.151	30.00	-8.21
		3840.00	-2.60	1 / 36	24.63	22.03	0.159	30.00	-7.97
	QPSK	3972.50	-2.60	1 / 18	24.63	22.03	0.160	30.00	-7.97
		3972.50	-2.60	1 / 18	23.61	21.01	0.126	30.00	-8.99
		3972.50	-2.60	36 / 0	22.72	20.12	0.103	30.00	-9.88
		3972.50	-2.60	36 / 0	20.75	18.15	0.065	30.00	-11.85
		256-QAM	3972.50	-2.60	36 / 0	20.75	18.15	0.065	30.00
20 MHz	n/2 BPSK	3710.01	-2.60	50 / 0	24.37	21.77	0.150	30.00	-8.23
		3840.00	-2.60	50 / 0	24.56	21.96	0.157	30.00	-8.04
		3969.99	-2.60	50 / 0	24.67	22.07	0.161	30.00	-7.93
		3710.01	-2.60	1 / 49	24.45	21.85	0.153	30.00	-8.15
		3840.00	-2.60	1 / 49	24.66	22.06	0.161	30.00	-7.94
	QPSK	3969.99	-2.60	1 / 25	24.70	22.10	0.162	30.00	-7.90
		3969.99	-2.60	1 / 49	23.65	21.05	0.127	30.00	-8.95
		3969.99	-2.60	50 / 0	22.72	20.12	0.103	30.00	-9.88
		3969.99	-2.60	50 / 0	20.87	18.26	0.067	30.00	-11.74
		256-QAM	3969.99	-2.60	50 / 0	20.87	18.26	0.067	30.00
25 MHz	n/2 BPSK	3712.50	-2.60	64 / 0	24.56	21.96	0.157	30.00	-8.04
		3840.00	-2.60	64 / 0	24.70	22.10	0.162	30.00	-7.90
		3967.50	-2.60	64 / 0	24.80	22.20	0.166	30.00	-7.80
		3712.50	-2.60	1 / 32	24.42	21.82	0.152	30.00	-8.18
		3840.00	-2.60	1 / 63	24.66	22.06	0.161	30.00	-7.94
	QPSK	3967.50	-2.60	1 / 32	24.66	22.06	0.161	30.00	-7.94
		3840.00	-2.60	1 / 63	23.73	21.13	0.130	30.00	-8.87
		3967.50	-2.60	64 / 0	22.88	20.28	0.107	30.00	-9.72
		3967.50	-2.60	64 / 0	20.87	18.27	0.067	30.00	-11.73
		256-QAM	3967.50	-2.60	64 / 0	20.87	18.27	0.067	30.00
30 MHz	n/2 BPSK	3715.02	-2.60	75 / 0	24.54	21.94	0.156	30.00	-8.06
		3840.00	-2.60	1 / 76	24.73	22.13	0.163	30.00	-7.87
		3964.98	-2.60	75 / 0	24.70	22.10	0.162	30.00	-7.90
		3715.02	-2.60	1 / 76	24.52	21.92	0.156	30.00	-8.08
		3840.00	-2.60	1 / 76	24.76	22.16	0.165	30.00	-7.84
	QPSK	3964.98	-2.60	1 / 76	24.68	22.08	0.161	30.00	-7.92
		3840.00	-2.60	1 / 76	23.82	21.22	0.132	30.00	-8.78
		3964.98	-2.60	75 / 0	22.77	20.17	0.104	30.00	-9.83
		3964.98	-2.60	75 / 0	20.73	18.13	0.065	30.00	-11.87
		256-QAM	3964.98	-2.60	75 / 0	20.73	18.13	0.065	30.00
40 MHz	n/2 BPSK	3720.00	-2.60	100 / 0	24.54	21.94	0.156	30.00	-8.06
		3840.00	-2.60	1 / 104	24.67	22.07	0.161	30.00	-7.93
		3960.00	-2.60	100 / 0	24.72	22.12	0.163	30.00	-7.88
		3720.00	-2.60	1 / 104	24.50	21.90	0.155	30.00	-8.10
		3840.00	-2.60	1 / 104	24.81	22.21	0.166	30.00	-7.79
	QPSK	3960.00	-2.60	1 / 1	24.69	22.09	0.162	30.00	-7.91
		3960.00	-2.60	1 / 50	23.68	21.08	0.128	30.00	-8.92
		3960.00	-2.60	100 / 0	22.77	20.17	0.104	30.00	-9.83
		3960.00	-2.60	100 / 0	20.77	18.17	0.066	30.00	-11.83
		256-QAM	3960.00	-2.60	100 / 0	20.77	18.17	0.066	30.00
50 MHz	n/2 BPSK	3725.01	-2.60	128 / 0	24.60	22.00	0.158	30.00	-8.00
		3840.00	-2.60	128 / 0	24.75	22.15	0.164	30.00	-7.85
		3954.99	-2.60	128 / 0	24.86	22.06	0.161	30.00	-7.94
		3725.01	-2.60	1 / 64	24.47	21.87	0.154	30.00	-8.13
		3840.00	-2.60	1 / 64	24.58	21.98	0.158	30.00	-8.02
	QPSK	3954.99	-2.60	1 / 64	24.62	22.02	0.159	30.00	-7.98
		3954.99	-2.60	1 / 131	23.52	20.92	0.124	30.00	-9.08
		3954.99	-2.60	128 / 0	22.77	20.17	0.104	30.00	-9.83
		3954.99	-2.60	128 / 0	20.74	18.14	0.065	30.00	-11.86
		256-QAM	3954.99	-2.60	128 / 0	20.74	18.14	0.065	30.00
60 MHz	n/2 BPSK	3730.02	-2.60	1 / 160	24.54	21.94	0.156	30.00	-8.06
		3840.00	-2.60	1 / 160	24.68	22.08	0.161	30.00	-7.92
		3949.98	-2.60	1 / 1	24.71	22.11	0.162	30.00	-7.89
		3730.02	-2.60	1 / 81	24.42	21.82	0.152	30.00	-8.18
		3840.00	-2.60	1 / 81	24.57	21.97	0.157	30.00	-8.03
	QPSK	3949.98	-2.60	1 / 1	24.81	22.21	0.166	30.00	-7.79
		3949.98	-2.60	1 / 1	23.73	21.13	0.130	30.00	-8.87
		3949.98	-2.60	162 / 0	22.63	20.03	0.101	30.00	-9.97
		3949.98	-2.60	162 / 0	20.64	18.04	0.064	30.00	-11.96
		256-QAM	3949.98	-2.60	162 / 0	20.64	18.04	0.064	30.00
70 MHz	n/2 BPSK	3735.00	-2.60	180 / 0	24.51	21.91	0.155	30.00	-8.09
		3840.00	-2.60	180 / 0	24.54	21.94	0.156	30.00	-8.06
		3945.00	-2.60	180 / 0	24.61	22.01	0.159	30.00	-7.99
		3735.00	-2.60	1 / 187	24.43	21.83	0.152	30.00	-8.17
		3840.00	-2.60	1 / 90	24.86	22.26	0.168	30.00	-7.74
	QPSK	3945.00	-2.60	1 / 187	24.54	21.94	0.156	30.00	-8.06
		3840.00	-2.60	1 / 187	23.59	20.99	0.126	30.00	-9.01
		3945.00	-2.60	180 / 0	22.63	20.03	0.101	30.00	-9.97
		3945.00	-2.60	180 / 0	20.58	17.98	0.063	30.00	-12.02
		256-QAM	3945.00	-2.60	180 / 0	20.58	17.98	0.063	30.00
80 MHz	n/2 BPSK	3740.01	-2.60	216 / 0	24.48	21.88	0.154	30.00	-8.12
		3840.00	-2.60	216 / 0	24.58	21.98	0.158	30.00	-8.02
		3939.99	-2.60	1 / 1	24.70	22.10	0.162	30.00	-7.90
		3740.01	-2.60	1 / 215	24.51	21.91	0.155	30.00	-8.09
		3840.00	-2.60	1 / 215	24.62	22.02	0.159	30.00	-7.98
	QPSK	3939.99	-2.60	1 / 1	24.78	22.18	0.165	30.00	-7.82
		3939.99	-2.60	1 / 1	23.64	21.04	0.127	30.00	-8.96
		3939.99	-2.60	216 / 0	22.69	20.09	0.102	30.00	-9.91
		3939.99	-2.60	216 / 0	20.68	18.08	0.064	30.00	-11.92
		256-QAM	3939.99	-2.60	216 / 0	20.68	18.08	0.064	30.00
90 MHz	n/2 BPSK	3745.02	-2.60	243 / 0	24.49	21.89	0.155	30.00	-8.11
		3840.00	-2.60	1 / 243	24.61	22.01	0.159	30.00	-7.99
		3934.98	-2.60	243 / 0	24.65	22.05	0.160	30.00	-7.95
		3745.02	-2.60	1 / 243	24.54	21.94	0.156	30.00	-8.06
		3840.00	-2.60	1 / 120	24.59	21.99	0.158	30.00	-8.01
	QPSK	3934.98	-2.60	1 / 1	24.72	22.12	0.163	30.00	-7.88
		3934.98	-2.60	1 / 1	23.58	20.98	0.125	30.00	-9.02
		3934.98	-2.60	243 / 0	22.66	20.06	0.101	30.00	-9.94
		3934.98	-2.60	243 / 0	20.68	18.08	0.064	30.00	-11.92
		256-QAM	3934.98	-2.60	243 / 0	20.68	18.08	0.064	30.00
100 MHz	n/2 BPSK	3750.00	-2.60	1 / 135	24.58	21.98	0.158	30.00	-8.02
		3840.00	-2.60	270 / 0	24.60	22.00	0.159	30.00	-8.00
		3930.00	-2.60	270 / 0	24.76	22.16	0.165	30.00	-7.84
		3750.00	-2.60	1 / 135	24.52	21.92	0.155	30.00	-8.08
		3840.00	-2.60	1 / 135	24.77	22.17	0.165	30.00	-7.83
	QPSK	3930.00	-2.60	1 / 135	24.58	22.18	0.165	30.00	-7.80
		3930.00	-2.60	1 / 135	23.69	21.09	0.128	30.00	-8.91
		3930.00	-2.60	270 / 0	22.81	20.21	0.105	30.00	-9.79
		3930.00	-2.60	270 / 0	20.78	18.18	0.066	30.00	-11.82
		256-QAM	3930.00	-2.60	270 / 0	20.78	18.18	0.066	30.00

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.

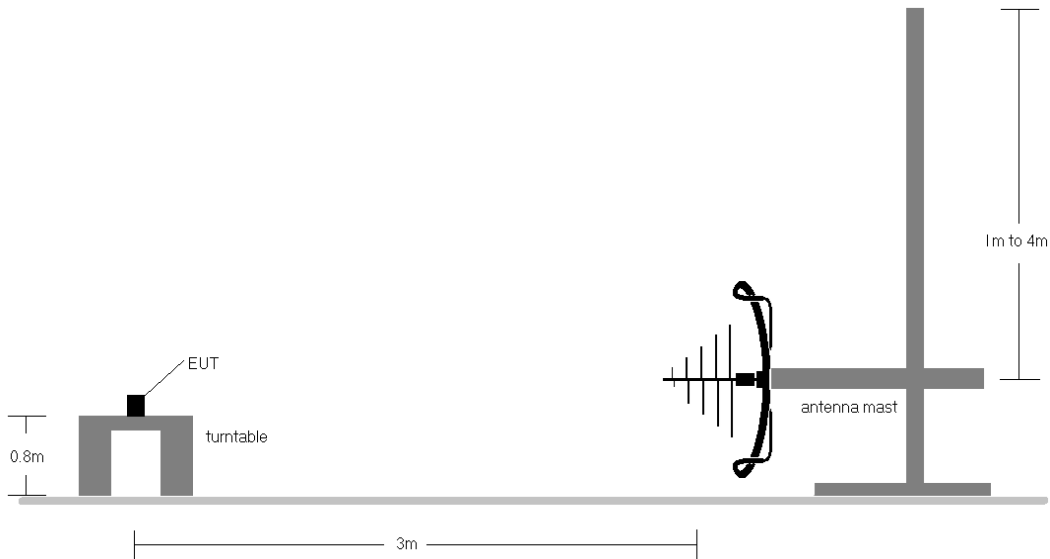


Figure 7-6. Test Instrument & Measurement Setup < 1GHz

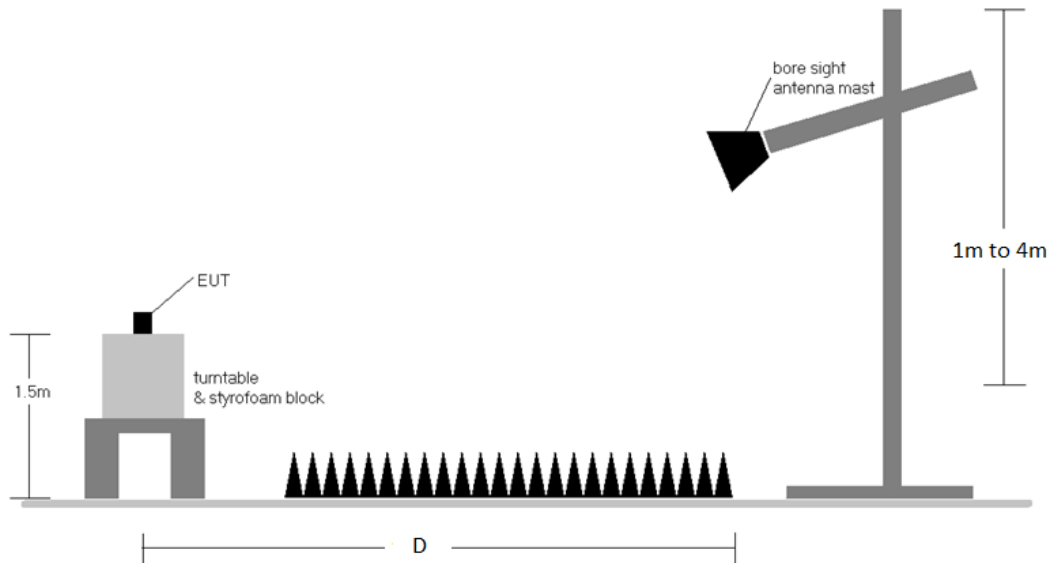


Figure 7-7. Test Instrument & Measurement Setup >1 GHz

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Test Notes

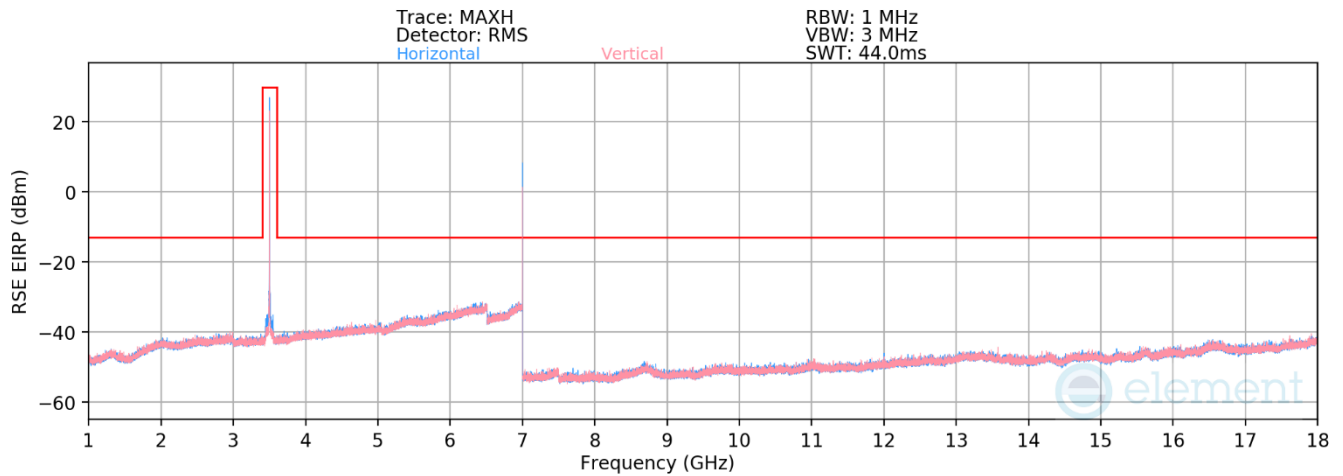
1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 D01 v03r01 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; 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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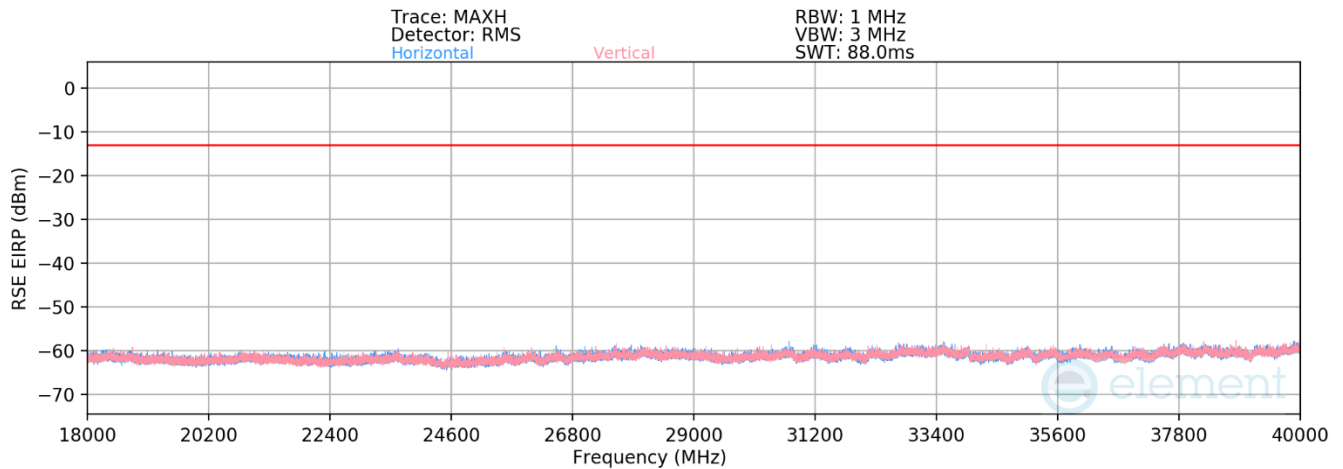
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7.7.1 Antenna 3 Radiated Spurious Emission Measurements

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	H	-	-	-79.31	9.87	37.56	-57.70	-13.00	-44.70
10485.0	V	-	-	-79.76	11.98	39.22	-56.03	-13.00	-43.03
13980.0	V	-	-	-80.91	16.22	42.31	-52.94	-13.00	-39.94

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	V	-	-	-79.09	9.95	37.86	-57.40	-13.00	-44.40
10500.0	V	-	-	-79.81	12.07	39.26	-56.00	-13.00	-43.00
14000.0	H	-	-	-81.00	15.88	41.89	-53.37	-13.00	-40.37

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

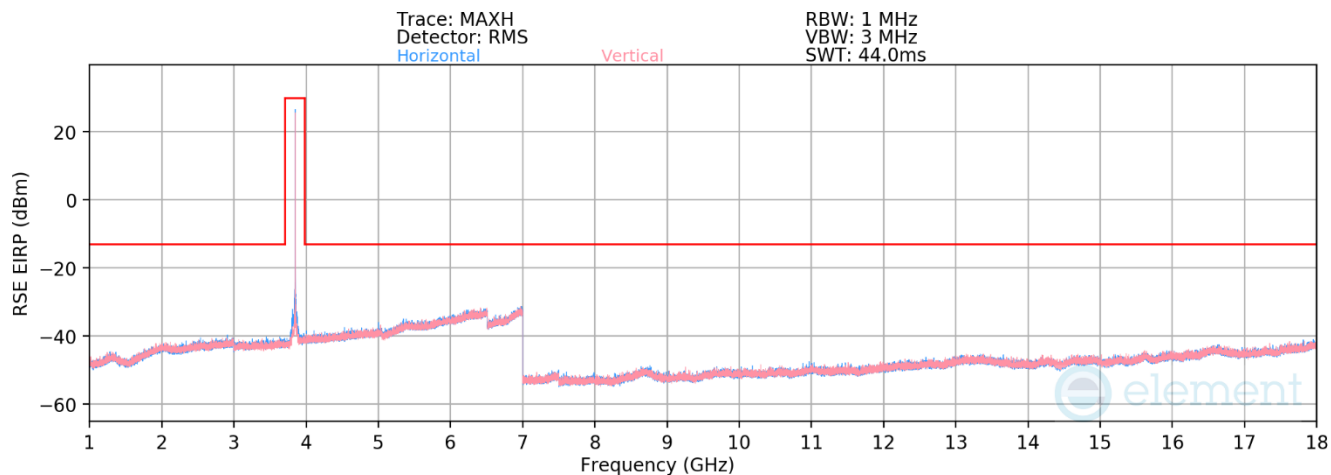
Bandwidth (MHz):	90
Frequency (MHz):	3505.0
RB / Offset:	1 / 120

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	V	-	-	-78.92	9.78	37.86	-57.39	-13.00	-44.39
10515.0	V	-	-	-80.05	12.44	39.40	-55.86	-13.00	-42.86
14020.0	V	-	-	-80.28	15.60	42.33	-52.93	-13.00	-39.93

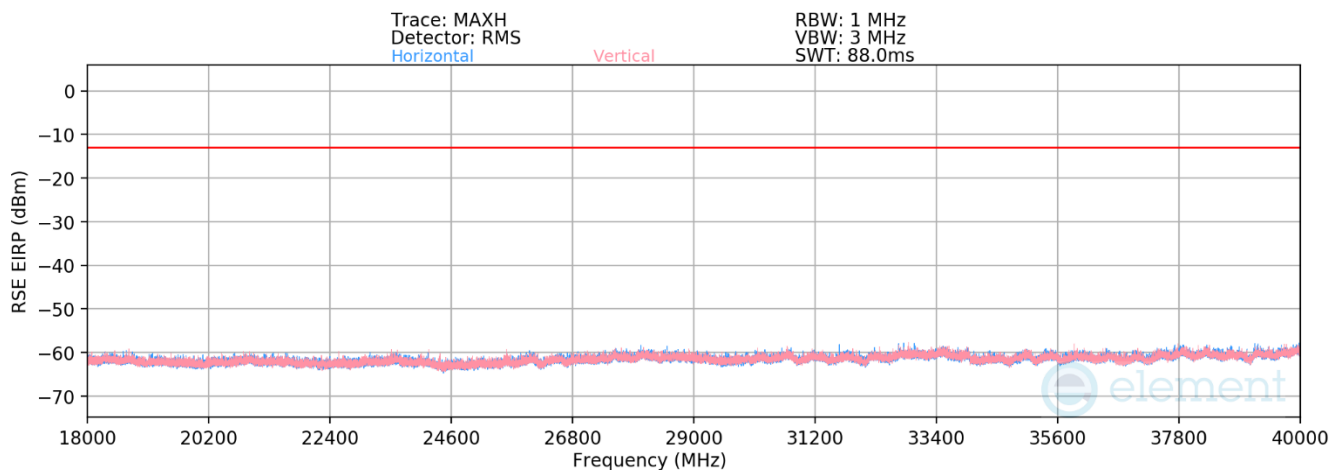
Table 7-20. Antenna 3 Radiated Spurious Data (NR Band n77 DoD Band – High Channel)

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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	H	-	-	-78.87	9.53	37.66	-57.60	-13.00	-44.60
11250.0	H	-	-	-80.02	12.67	39.66	-55.60	-13.00	-42.60
15000.0	V	-	-	-80.71	16.65	42.94	-52.32	-13.00	-39.32

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	V	-	-	-79.20	9.59	37.39	-57.87	-13.00	-44.87
11520.0	V	-	-	-79.62	13.45	40.83	-54.43	-13.00	-41.43
15360.0	H	-	-	-81.09	16.84	42.75	-52.51	-13.00	-39.51

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	V	-	-	-79.13	9.23	37.10	-58.16	-13.00	-45.16
11790.0	H	-	-	-80.15	13.78	40.63	-54.63	-13.00	-41.63
15720.0	H	-	-	-81.22	17.63	43.41	-51.85	-13.00	-38.85

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

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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	V	-	-	-79.36	9.87	37.51	-57.75	-13.00	-44.75
10485.0	H	-	-	-79.98	12.25	39.26	-55.99	-13.00	-42.99
13980.0	V	-	-	-80.84	16.22	42.38	-52.88	-13.00	-39.88

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	H	-	-	-78.77	9.78	38.02	-57.24	-13.00	-44.24
10500.0	V	-	-	-80.16	12.44	39.28	-55.98	-13.00	-42.98
14000.0	V	-	-	-81.01	15.88	41.87	-53.38	-13.00	-40.38

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	V	-	-	-78.86	9.78	37.92	-57.33	-13.00	-44.33
10515.0	H	-	-	-80.18	12.44	39.26	-55.99	-13.00	-42.99
14020.0	V	-	-	-80.72	15.60	41.89	-53.37	-13.00	-40.37

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	-	-	-78.86	9.53	37.67	-57.58	-13.00	-44.58
11250.0	V	-	-	-80.09	12.67	39.59	-55.67	-13.00	-42.67
15000.0	V	-	-	-80.78	16.65	42.87	-52.38	-13.00	-39.38

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	-	-	-79.34	9.65	37.31	-57.95	-13.00	-44.95
11520.0	V	-	-	-80.23	13.45	40.21	-55.04	-13.00	-42.04
15360.0	H	-	-	-80.77	16.83	43.06	-52.20	-13.00	-39.20

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	V	-	-	-79.25	9.23	36.98	-58.27	-13.00	-45.27
11790.0	V	-	-	-80.07	13.90	40.83	-54.43	-13.00	-41.43
15720.0	H	-	-	-81.52	17.91	43.39	-51.87	-13.00	-38.87

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	V	-	-	-79.33	9.87	37.54	-57.72	-13.00	-44.72
10485.0	H	-	-	-79.95	12.25	39.30	-55.96	-13.00	-42.96
13980.0	V	-	-	-80.88	16.13	42.25	-53.01	-13.00	-40.01

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	H	-	-	-78.82	9.78	37.97	-57.29	-13.00	-44.29
10500.0	V	-	-	-79.65	12.06	39.41	-55.84	-13.00	-42.84
14000.0	H	-	-	-80.98	15.86	41.88	-53.37	-13.00	-40.37

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	V	-	-	-79.06	9.97	37.90	-57.35	-13.00	-44.35
10515.0	H	-	-	-80.05	12.44	39.40	-55.86	-13.00	-42.86
14020.0	H	-	-	-80.76	15.60	41.84	-53.42	-13.00	-40.42

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	H	-	-	-78.61	9.52	37.91	-57.35	-13.00	-44.35
11250.0	H	-	-	-79.98	12.57	39.59	-55.67	-13.00	-42.67
15000.0	H	-	-	-80.75	16.65	42.90	-52.36	-13.00	-39.36

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	V	-	-	-79.31	9.65	37.33	-57.92	-13.00	-44.92
11520.0	V	-	-	-79.92	13.46	40.54	-54.72	-13.00	-41.72
15360.0	V	-	-	-80.73	16.84	43.11	-52.15	-13.00	-39.15

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	-	-	-79.30	9.23	36.93	-58.33	-13.00	-45.33
11790.0	H	-	-	-80.26	13.89	40.63	-54.63	-13.00	-41.63
15720.0	H	-	-	-81.25	17.80	43.55	-51.71	-13.00	-38.71

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	V	-	-	-79.30	9.98	37.68	-57.58	-13.00	-44.58
10485.0	V	-	-	-79.72	11.98	39.26	-56.00	-13.00	-43.00
13980.0	V	-	-	-80.92	16.22	42.30	-52.96	-13.00	-39.96

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	H	-	-	-79.04	9.78	37.75	-57.51	-13.00	-44.51
10500.0	H	-	-	-79.88	12.06	39.19	-56.07	-13.00	-43.07
14000.0	V	-	-	-80.94	15.88	41.95	-53.31	-13.00	-40.31

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	V	-	-	-78.96	9.78	37.83	-57.43	-13.00	-44.43
10515.0	H	-	-	-80.16	12.44	39.28	-55.98	-13.00	-42.98
14020.0	V	-	-	-80.62	15.74	42.12	-53.14	-13.00	-40.14

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	-	-	-78.96	9.53	37.57	-57.68	-13.00	-44.68
11250.0	V	-	-	-79.89	12.57	39.68	-55.58	-13.00	-42.58
15000.0	V	-	-	-80.66	16.65	42.99	-52.27	-13.00	-39.27

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	H	-	-	-79.51	9.65	37.13	-58.12	-13.00	-45.12
11520.0	H	-	-	-80.02	13.39	40.37	-54.88	-13.00	-41.88
15360.0	H	-	-	-80.90	16.84	42.94	-52.32	-13.00	-39.32

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	-	-	-79.43	9.34	36.91	-58.35	-13.00	-45.35
11790.0	H	-	-	-80.18	13.85	40.67	-54.59	-13.00	-41.59
15720.0	H	-	-	-81.35	17.80	43.45	-51.81	-13.00	-38.81

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

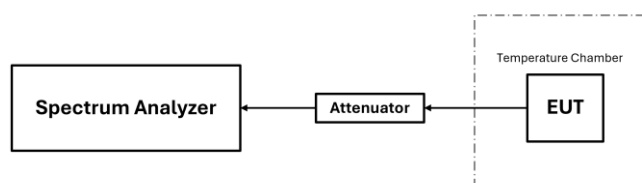


Figure 7-8. FR1 Test Instrument & Measurement Setup

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	3.45085412	-0.00085412
		- 20	3.45012391	-0.00012391
		- 10	3.45076820	-0.00076820
		0	3.45047214	-0.00047214
		+ 10	3.45091358	-0.00091358
		+ 20 (Ref)	3.45065230	-0.00065230
		+ 30	3.45023842	-0.00023842
		+ 40	3.45058190	-0.00058190
		+ 50	3.45033411	-0.00033410
Battery Endpoint	3.40	+ 20	3.45079207	-0.00079207

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	3.54934782	-0.00065218
		- 20	3.54978543	-0.00021457
		- 10	3.54961197	-0.00038803
		0	3.54906825	-0.00093175
		+ 10	3.54944603	-0.00055397
		+ 20 (Ref)	3.54992460	-0.00007540
		+ 30	3.54929362	-0.00070638
		+ 40	3.54971893	-0.00028107
		+ 50	3.54914458	-0.00085542
Battery Endpoint	3.40	+ 20	3.54952271	-0.00047729

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	3.70084271	-0.00084271
		- 20	3.70015269	-0.00015269
		- 10	3.70070814	-0.00070813
		0	3.70032489	-0.00032489
		+ 10	3.70096303	-0.00096303
		+ 20 (Ref)	3.70053618	-0.00053618
		+ 30	3.70078825	-0.00078825
		+ 40	3.70041231	-0.00041231
		+ 50	3.70022983	-0.00022983
Battery Endpoint	3.40	+ 20	3.70066709	-0.00066709

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	3.97986514	-0.00013486
		- 20	3.97930782	-0.00069218
		- 10	3.97914428	-0.00085572
		0	3.97976859	-0.00023141
		+ 10	3.97905523	-0.00094477
		+ 20 (Ref)	3.97966038	-0.00033962
		+ 30	3.97921184	-0.00078816
		+ 40	3.97958933	-0.00041067
		+ 50	3.97942263	-0.00057737
Battery Endpoint	3.40	+ 20	3.97993302	-0.00006698

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

FCC ID: BCGA3361	 PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N: 1C2504170041-11.BCG	Test Dates: 5/9/2025 - 8/7/2025	EUT Type: Tablet Device
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