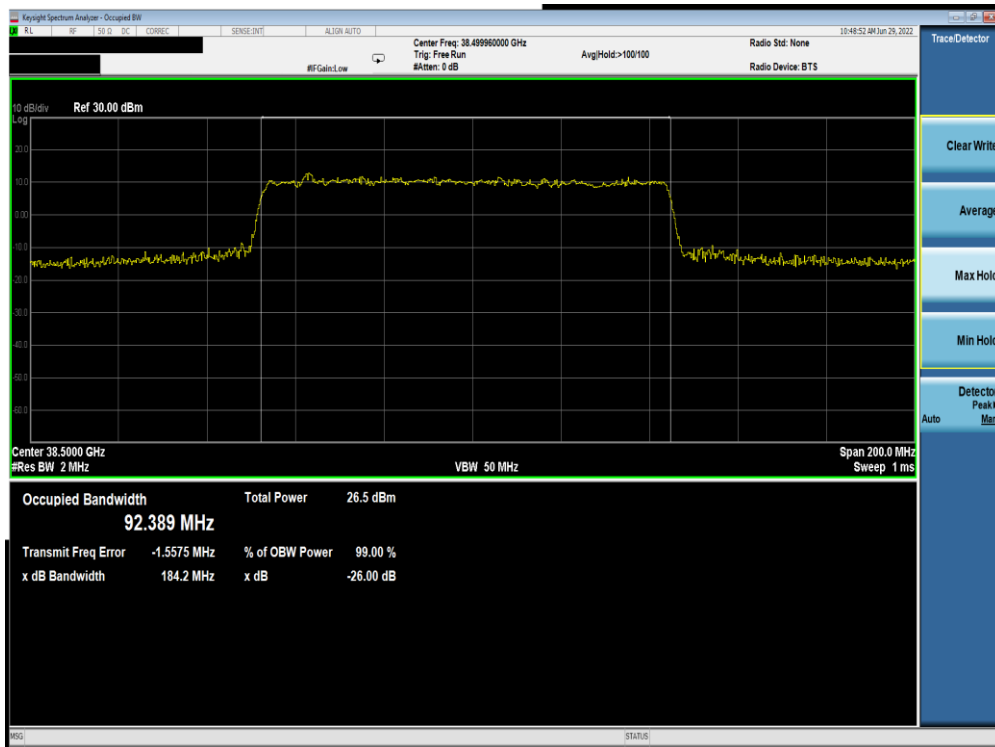




Plot 7-365. Ant M0 OBW (Band n260-100MHz-1CC SISO CP-OFDM – QPSK – Mid Channel)

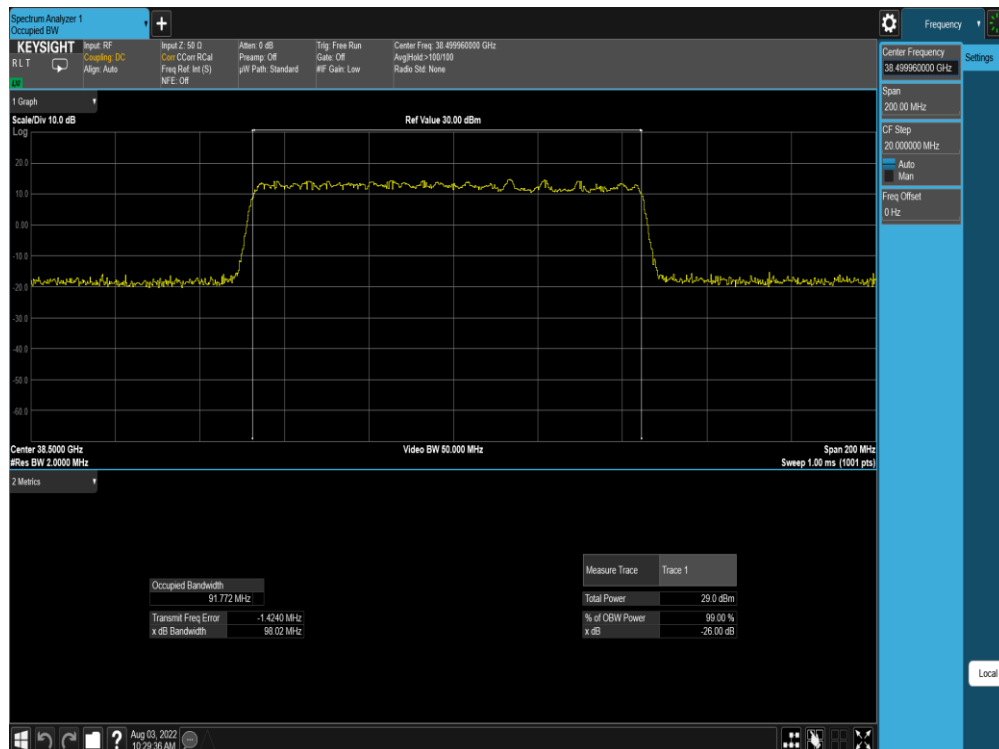


Plot 7-366. Ant M0 OBW (Band n260-100MHz-1CC SISO CP-OFDM – 16QAM – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 226 of 999

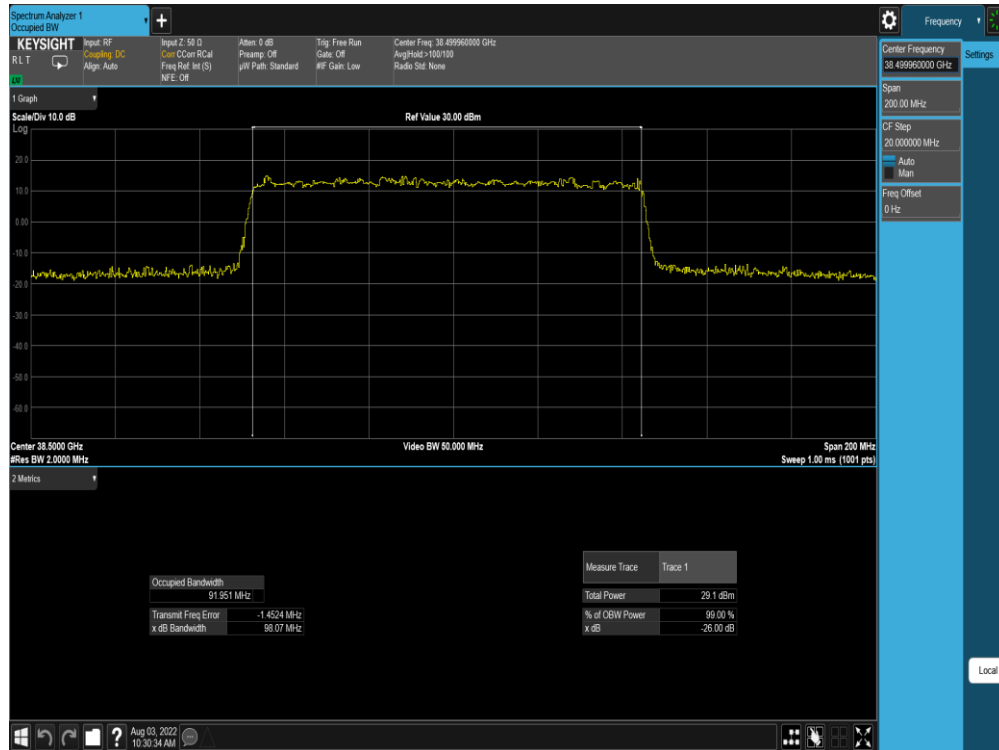


Plot 7-367. Ant M0 OBW (Band n260-100MHz-1CC SISO CP-OFDM – 64QAM – Mid Channel)

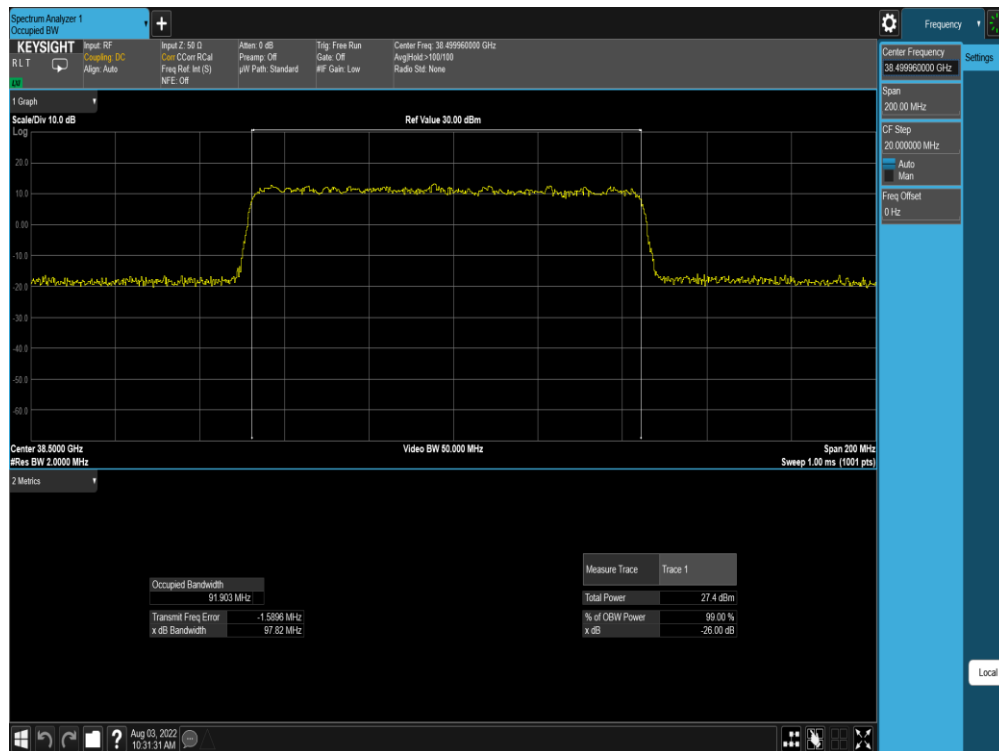


Plot 7-368. Ant M0 OBW (Band n260-100MHz-1CC SISO DFTs-OFDM – $\pi/2$ BPSK – Mid Channel)

FCC ID: BCGA2435	 PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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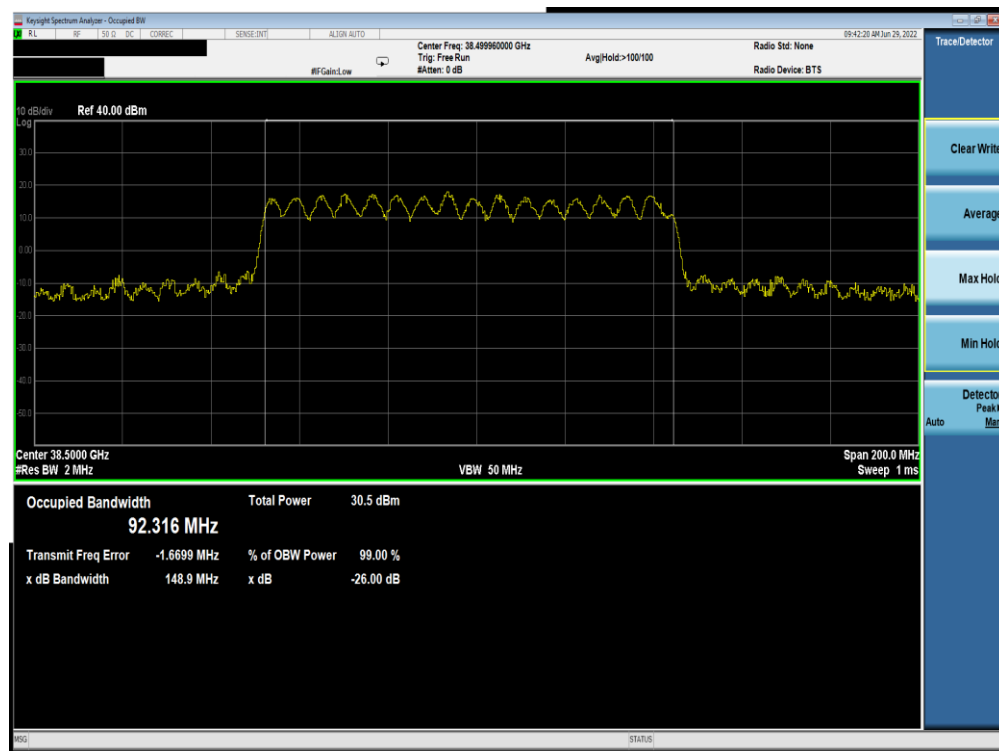
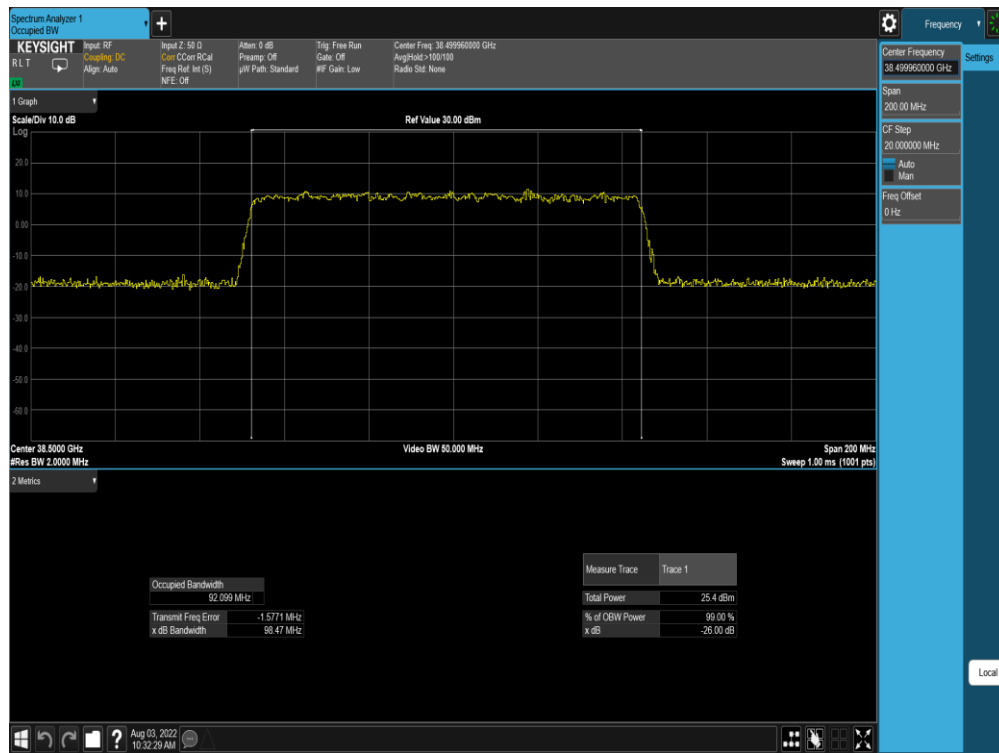


Plot 7-369. Ant M0 OBW (Band n260-100MHz-1CC SISO DFTs-OFDM – QPSK – Mid Channel)

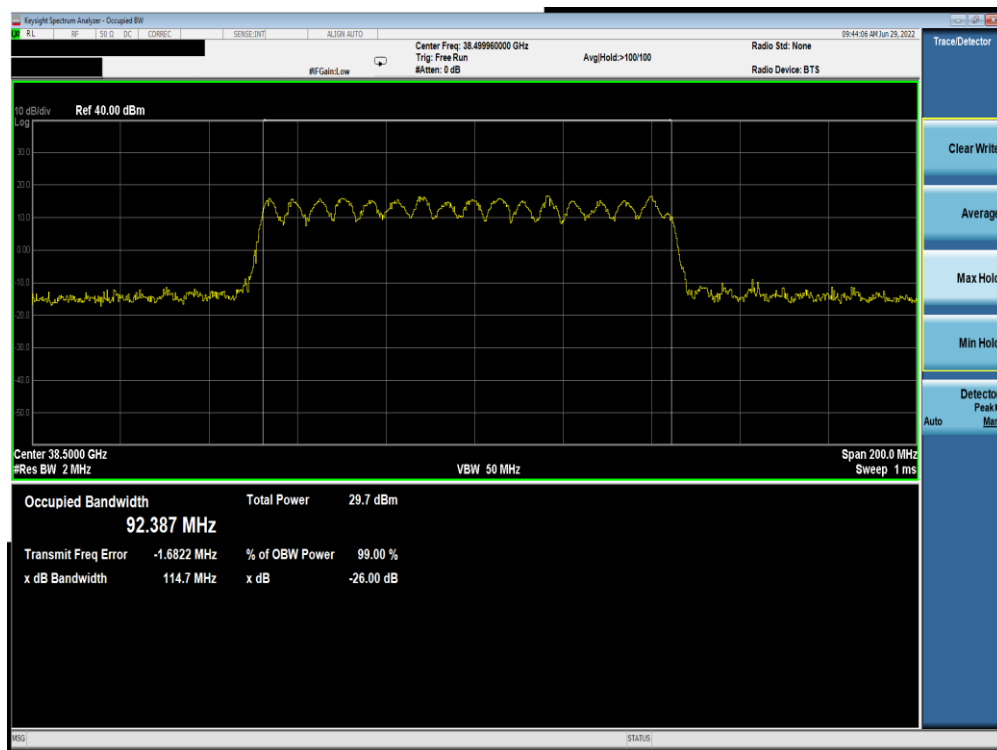


Plot 7-370. Ant M0 OBW (Band n260-100MHz-1CC SISO DFTs-OFDM – 16QAM – Mid Channel)

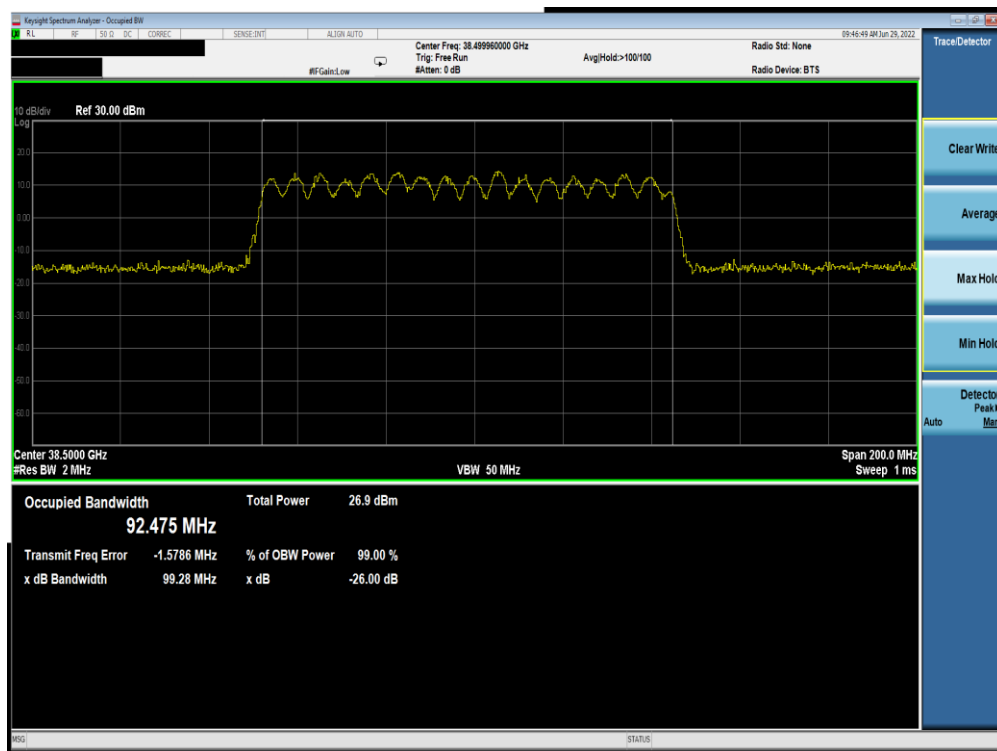
FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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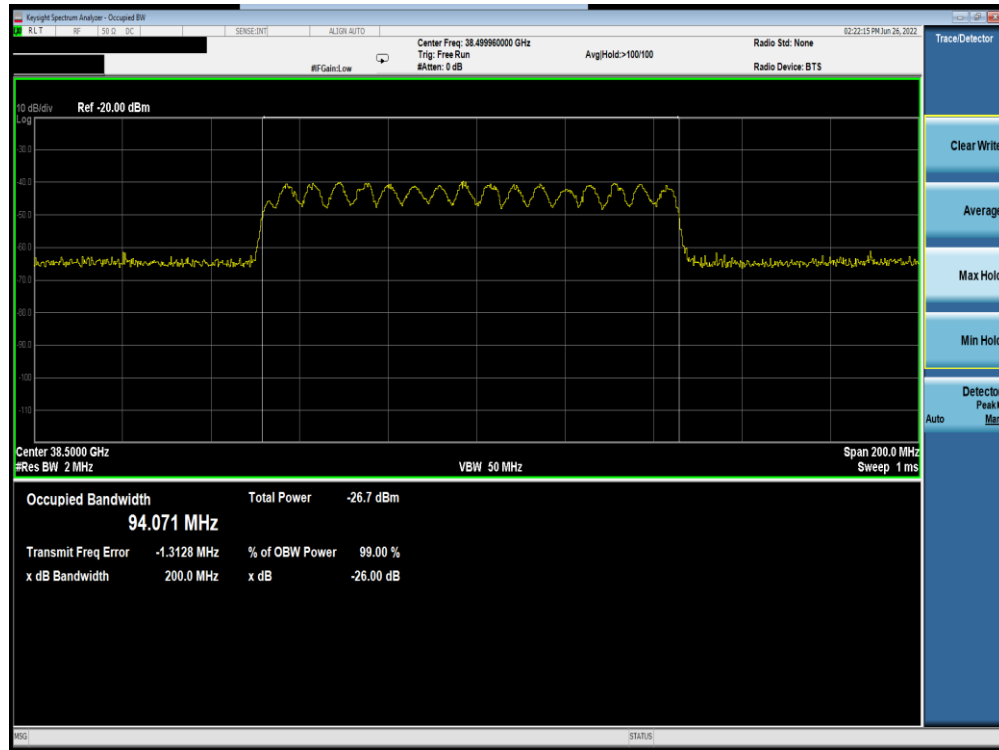


Plot 7-373. Ant M0 OBW (Band n260-100MHz-1CC MIMO CP-OFDM – 16QAM – Mid Channel)

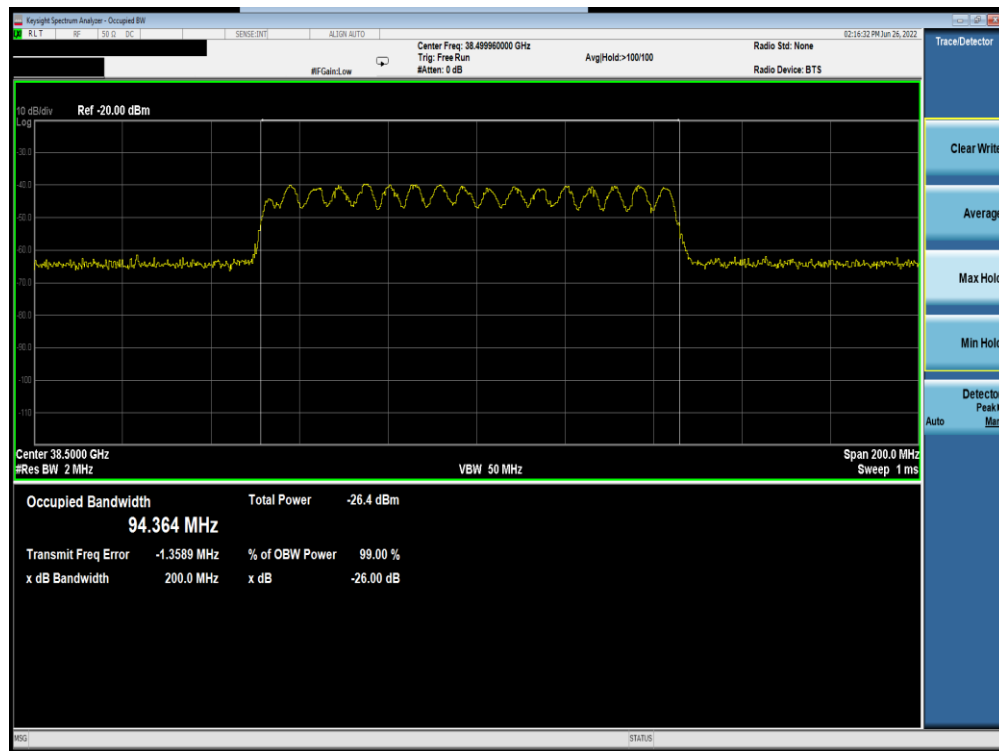


Plot 7-374. Ant M0 OBW (Band n260-100MHz-1CC MIMO CP-OFDM – 64QAM – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 230 of 999

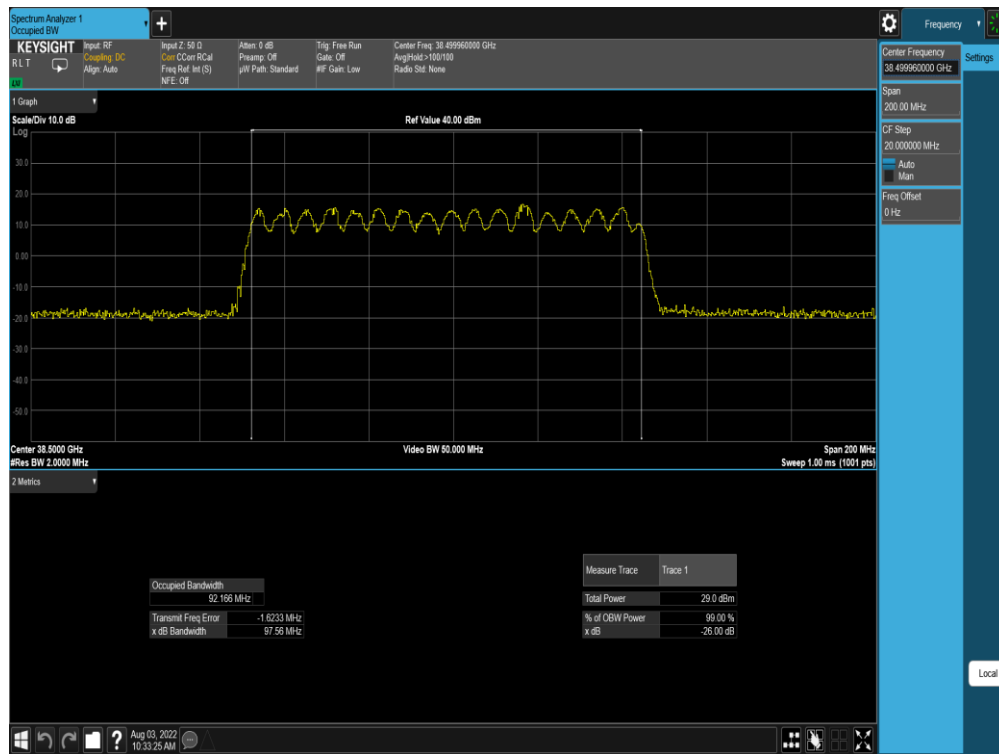


Plot 7-375. Ant M0 OBW (Band n260-100MHz-1CC SISO Dual Pol DFTs-OFDM – $\pi/2$ BPSK – Mid Channel)

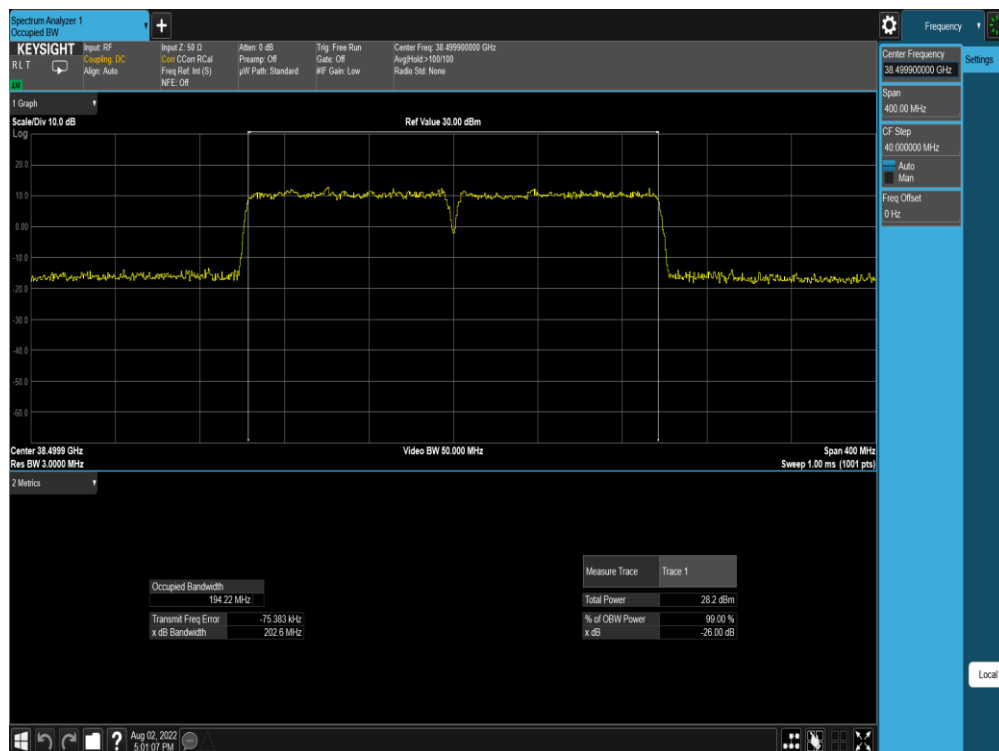
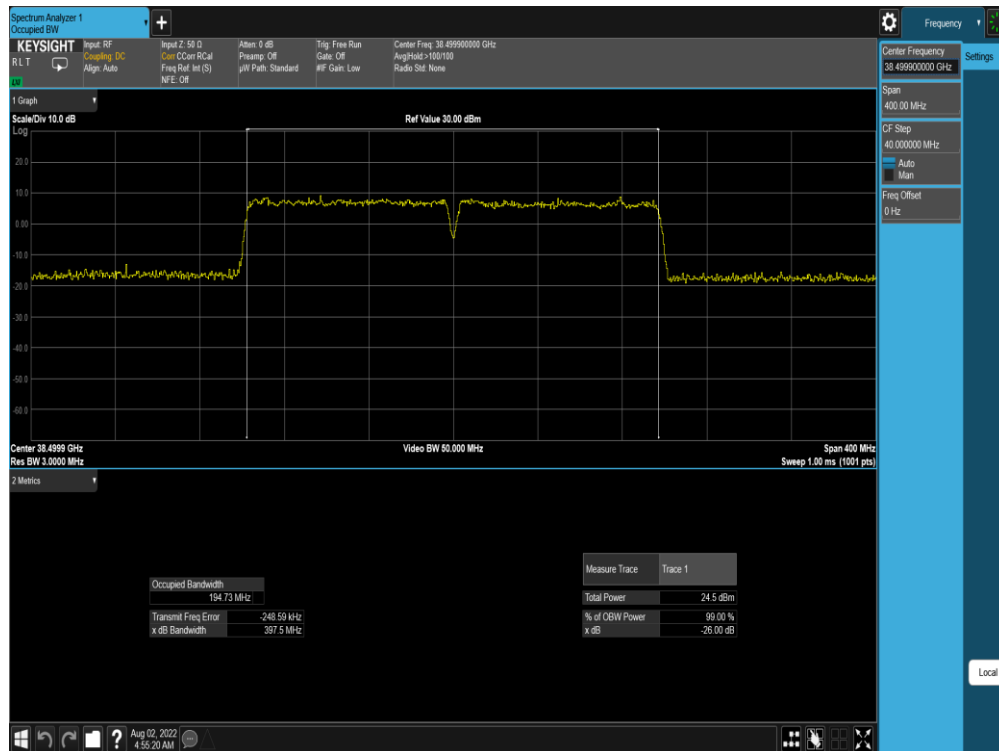


Plot 7-376. Ant M0 OBW (Band n260-100MHz-1CC SISO Dual Pol DFTs-OFDM – QPSK – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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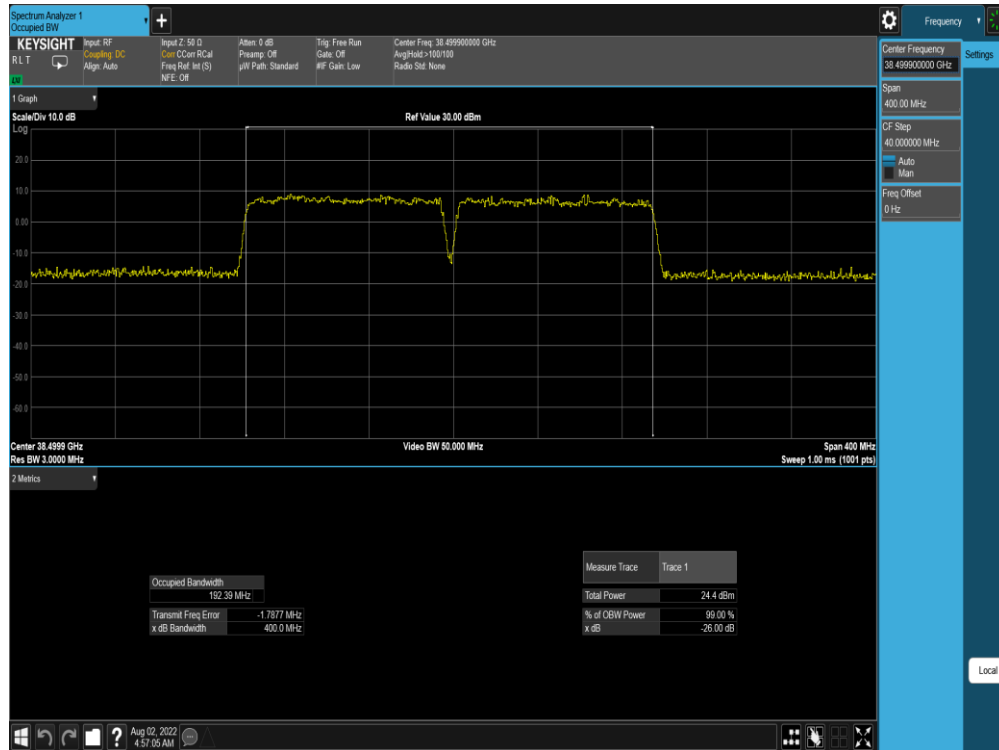
FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 232 of 999



FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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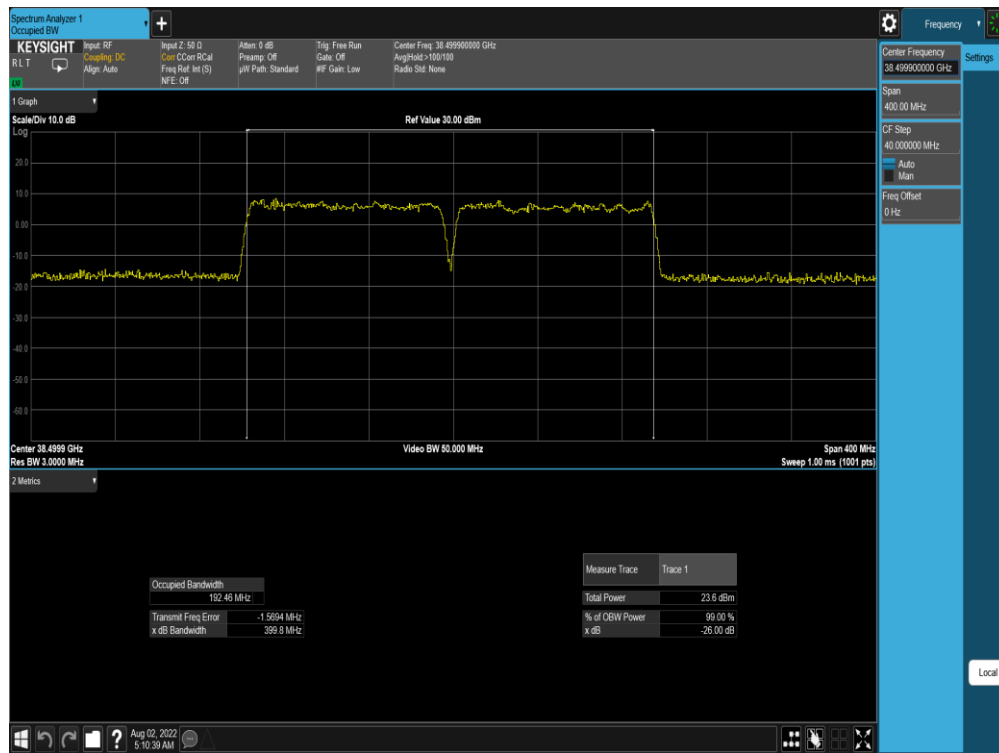


Plot 7-383. Ant M0 OBW (Band n260-100MHz-2CC SISO DFTs-OFDM – QPSK – Mid Channel)

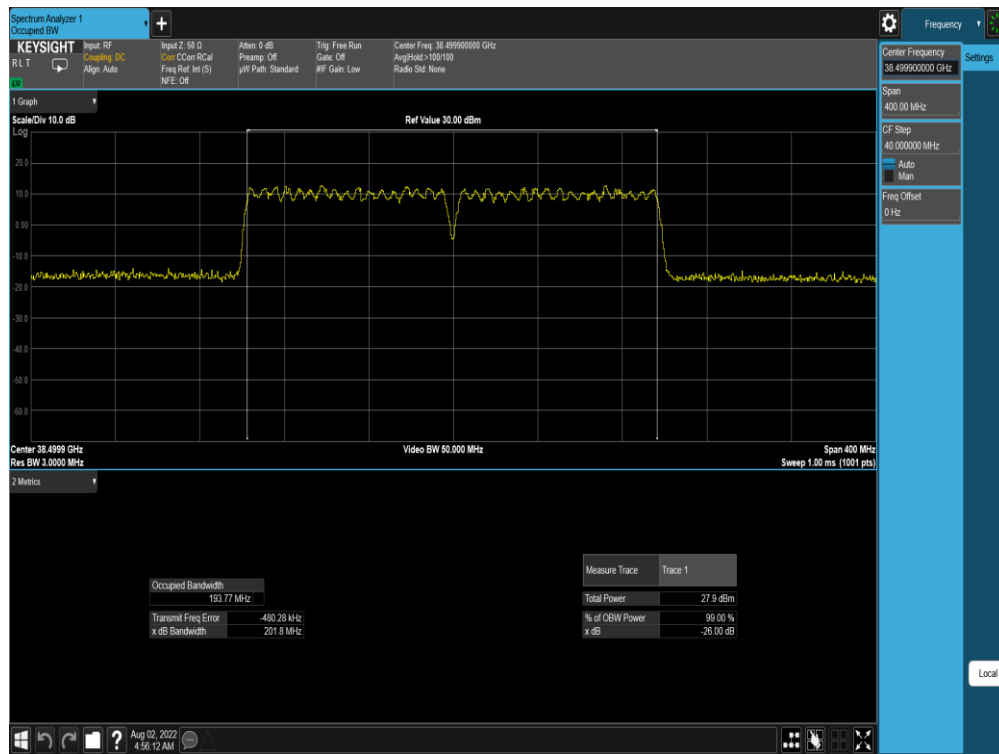


Plot 7-384. Ant M0 OBW (Band n260-100MHz-2CC SISO DFTs-OFDM – 16QAM – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 235 of 999

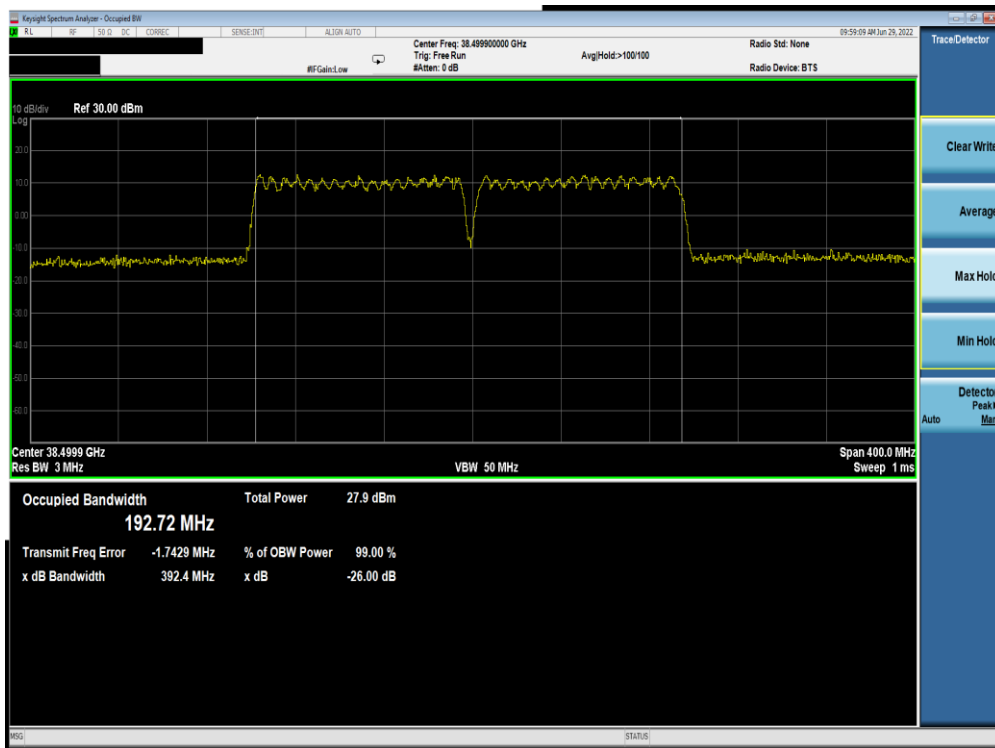


Plot 7-385. Ant M0 OBW (Band n260-100MHz-2CC SISO DFTs-OFDM – 64QAM – Mid Channel)

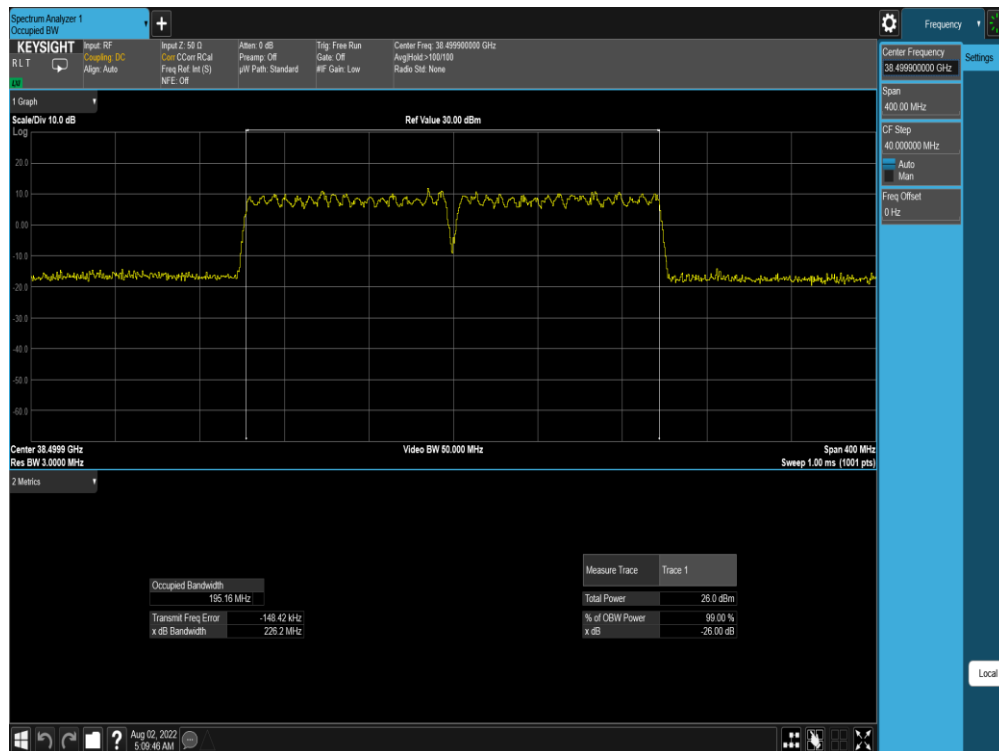


Plot 7-386. Ant M0 OBW (Band n260-100MHz-2CC MIMO CP-OFDM – QPSK – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 236 of 999

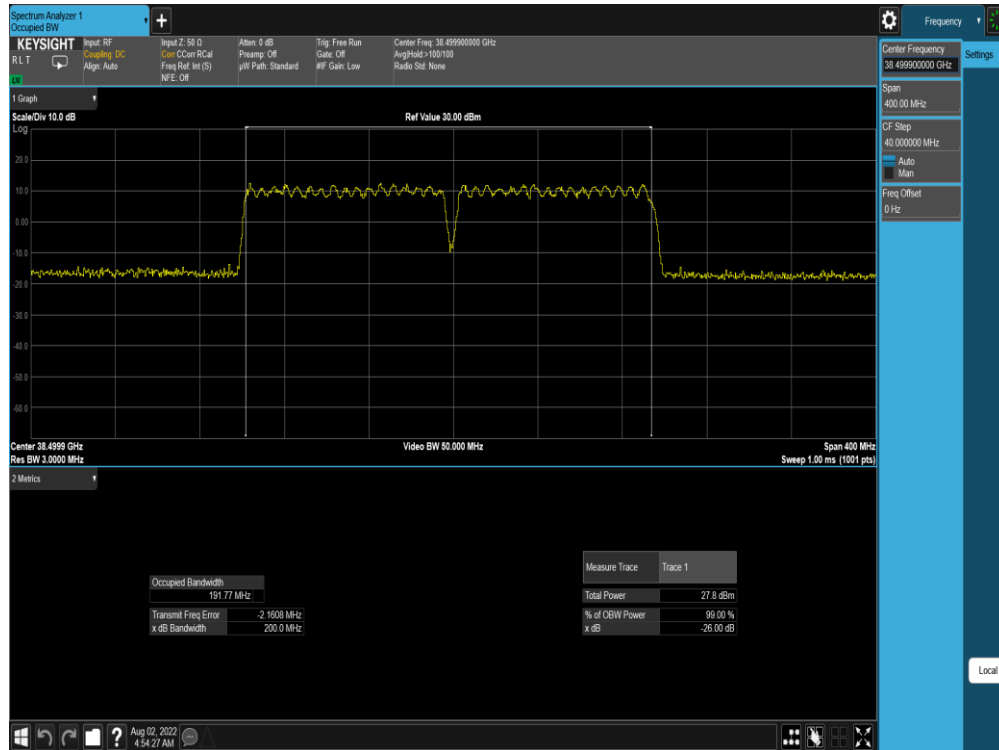


Plot 7-387. Ant M0 OBW (Band n260-100MHz-2CC MIMO CP-OFDM – 16QAM – Mid Channel)

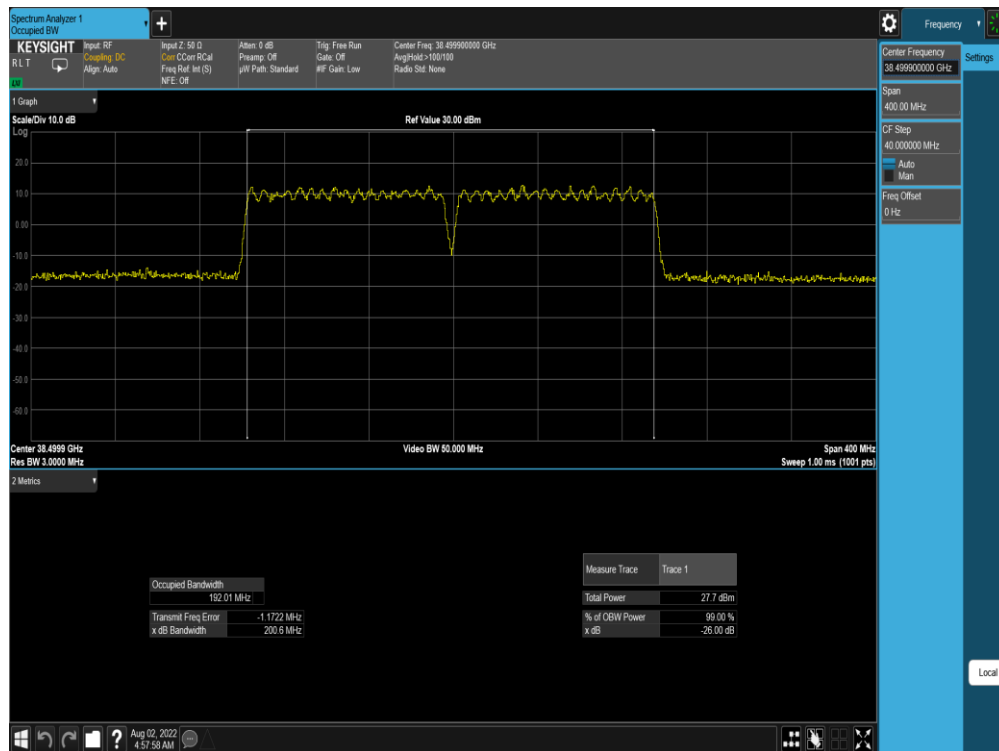


Plot 7-388. Ant M0 OBW (Band n260-100MHz-2CC MIMO CP-OFDM – 64QAM – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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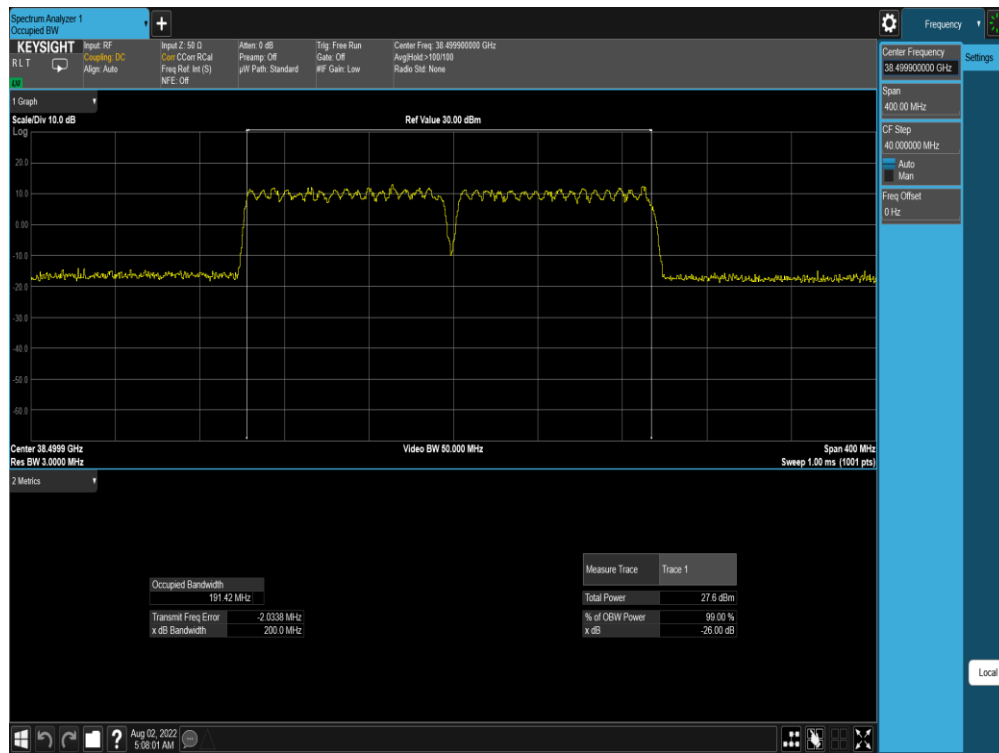


Plot 7-389. Ant M0 OBW (Band n260-100MHz-2CC SISO Dual Pol DFTs-OFDM – $\pi/2$ BPSK – Mid Channel)

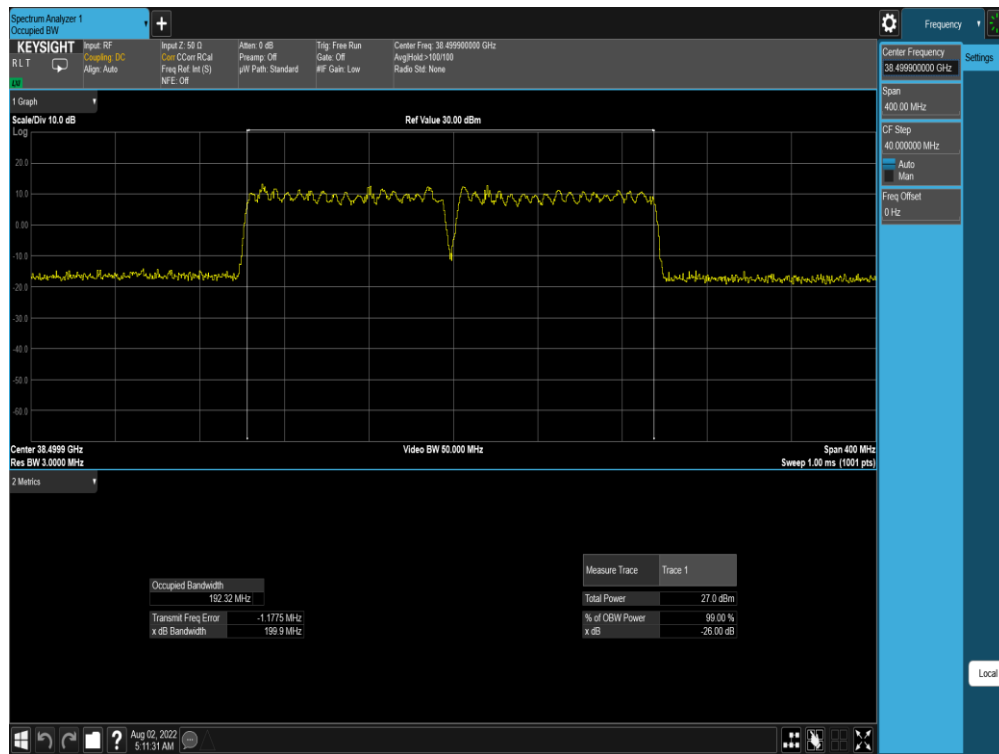


Plot 7-390. Ant M0 OBW (Band n260-100MHz-2CC SISO Dual Pol DFTs-OFDM – QPSK – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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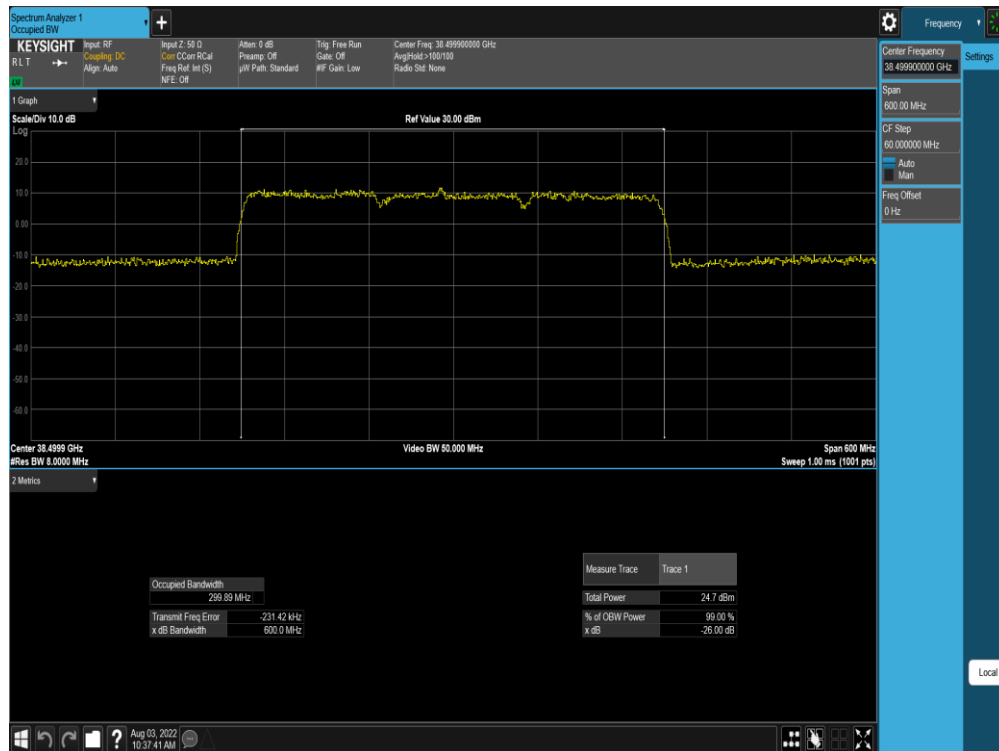


Plot 7-391. Ant M0 OBW (Band n260-100MHz-2CC SISO Dual Pol DFTs-OFDM – 16QAM – Mid Channel)

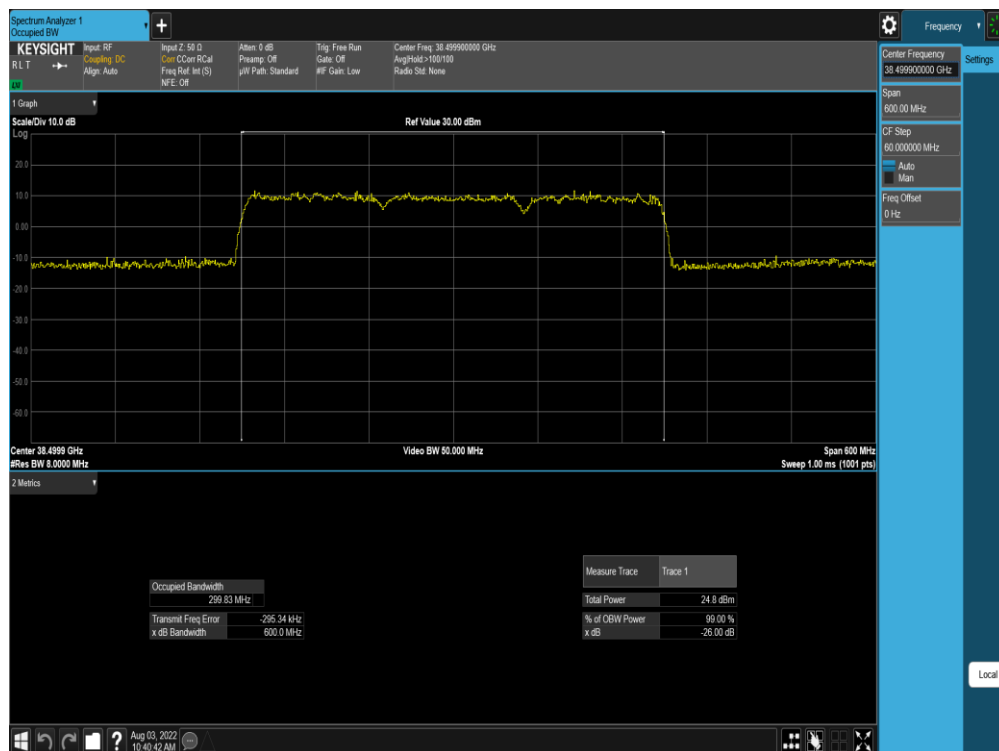


Plot 7-392. Ant M0 OBW (Band n260-100MHz-2CC SISO Dual Pol DFTs-OFDM – 64QAM – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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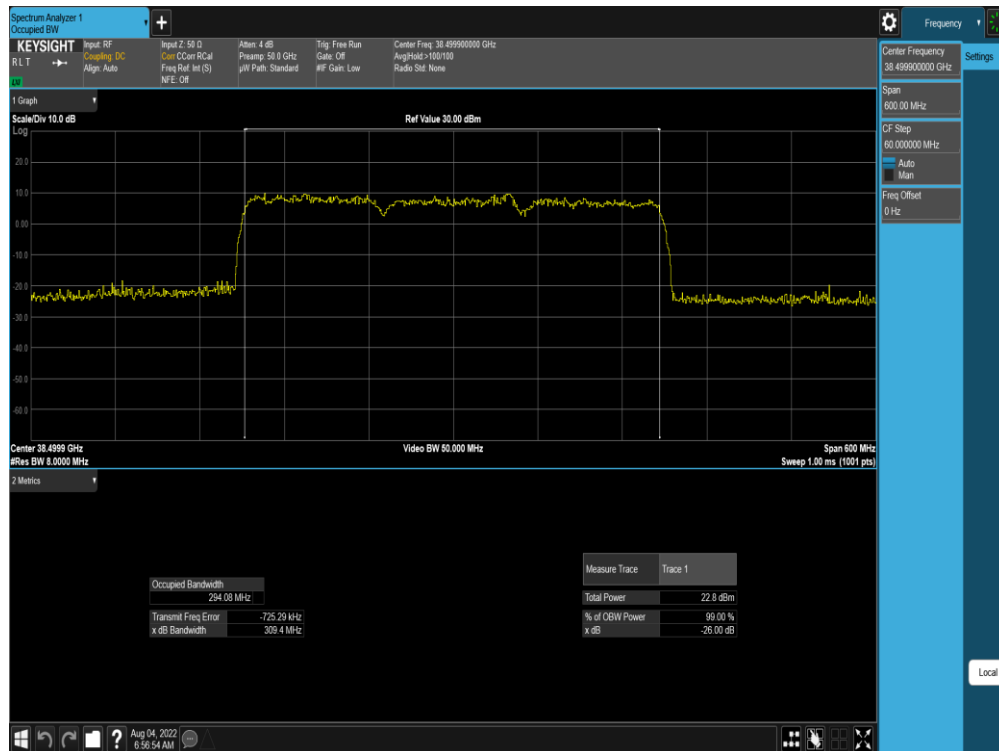


Plot 7-393. Ant M0 OBW (Band n260-100MHz-3CC SISO CP-OFDM – QPSK – Mid Channel)

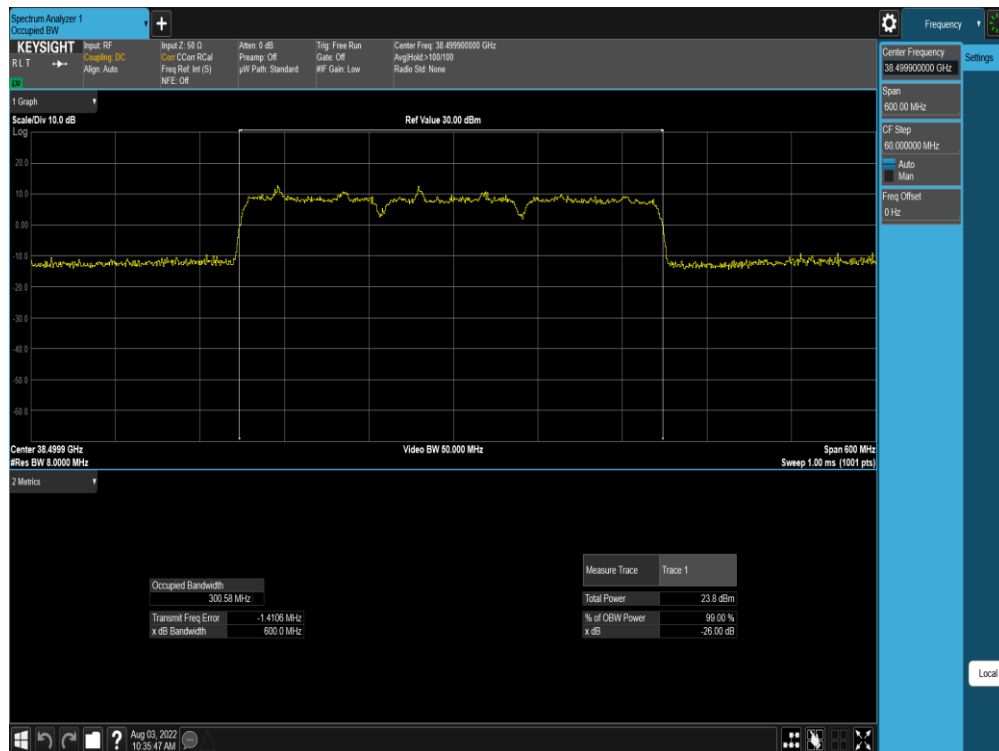


Plot 7-394. Ant M0 OBW (Band n260-100MHz-3CC SISO CP-OFDM – 16QAM – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 240 of 999

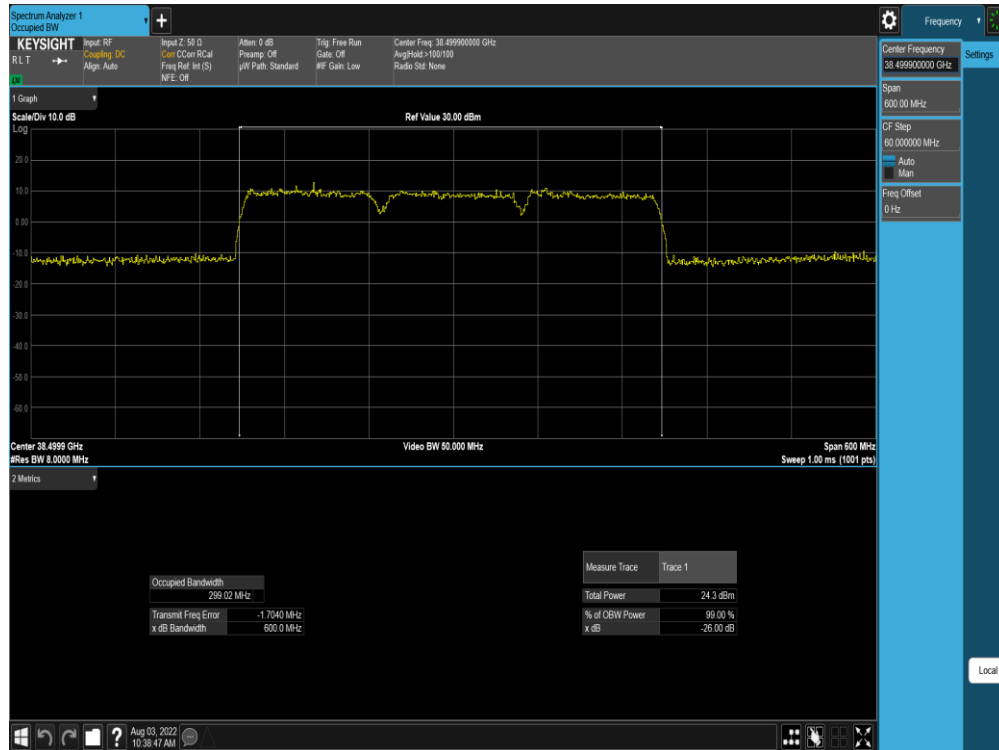


Plot 7-395. Ant M0 OBW (Band n260-100MHz-3CC SISO CP-OFDM – 64QAM – Mid Channel)



Plot 7-396. Ant M0 OBW (Band n260-100MHz-3CC SISO DFTs-OFDM – $\pi/2$ BPSK – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-397. Ant M0 OBW (Band n260-100MHz-3CC SISO DFTs-OFDM – QPSK – Mid Channel)

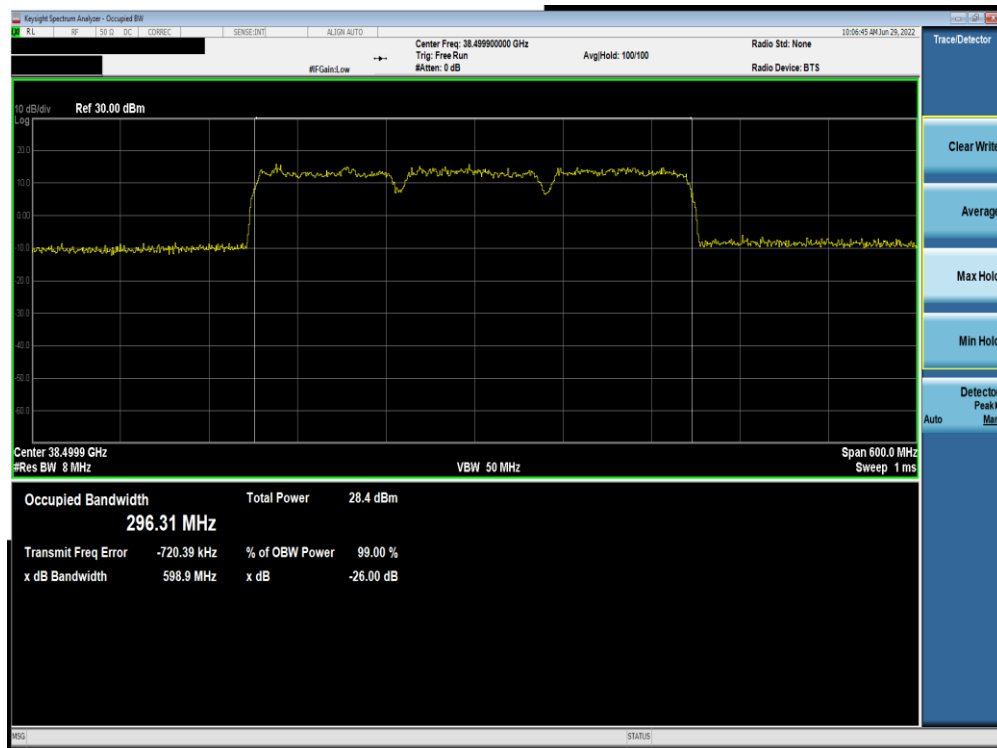


Plot 7-398. Ant M0 OBW (Band n260-100MHz-3CC SISO DFTs-OFDM – 16QAM – Mid Channel)

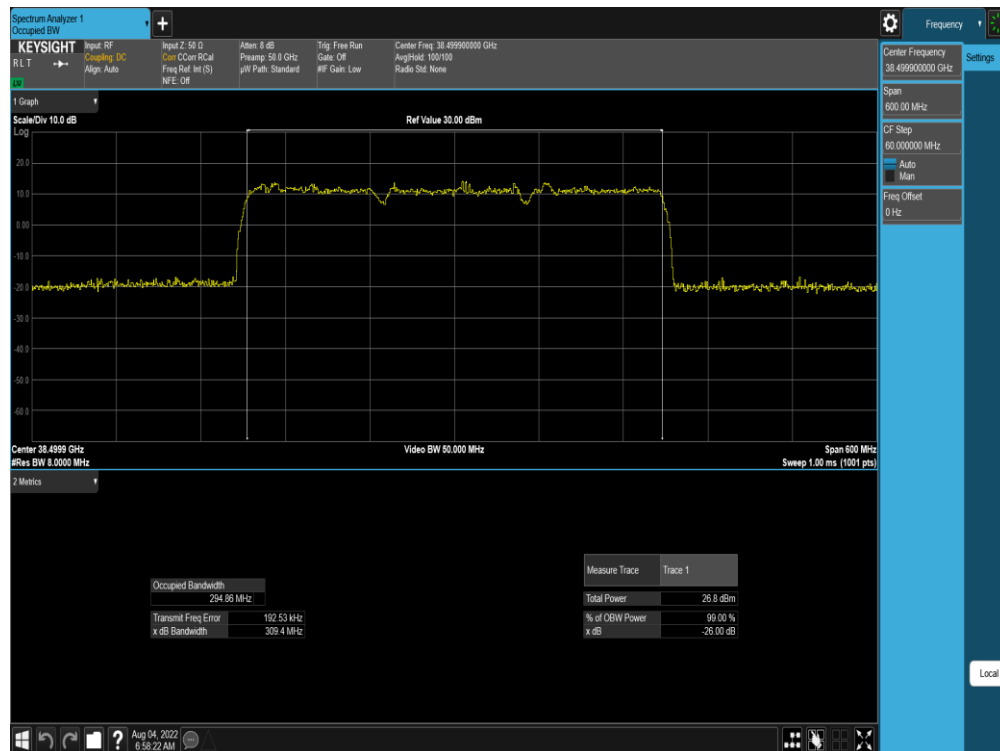
FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 242 of 999



FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-401. Ant M0 OBW (Band n260-100MHz-3CC MIMO CP-OFDM – 16QAM – Mid Channel)

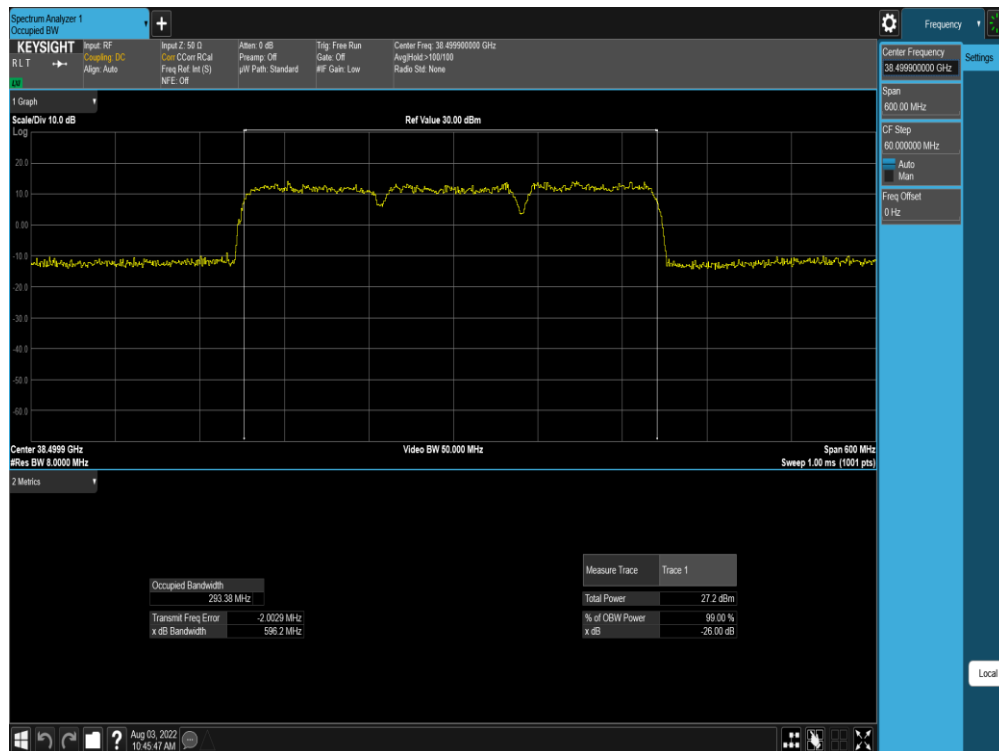


Plot 7-402. Ant M0 OBW (Band n260-100MHz-3CC MIMO CP-OFDM – 64QAM – Mid Channel)

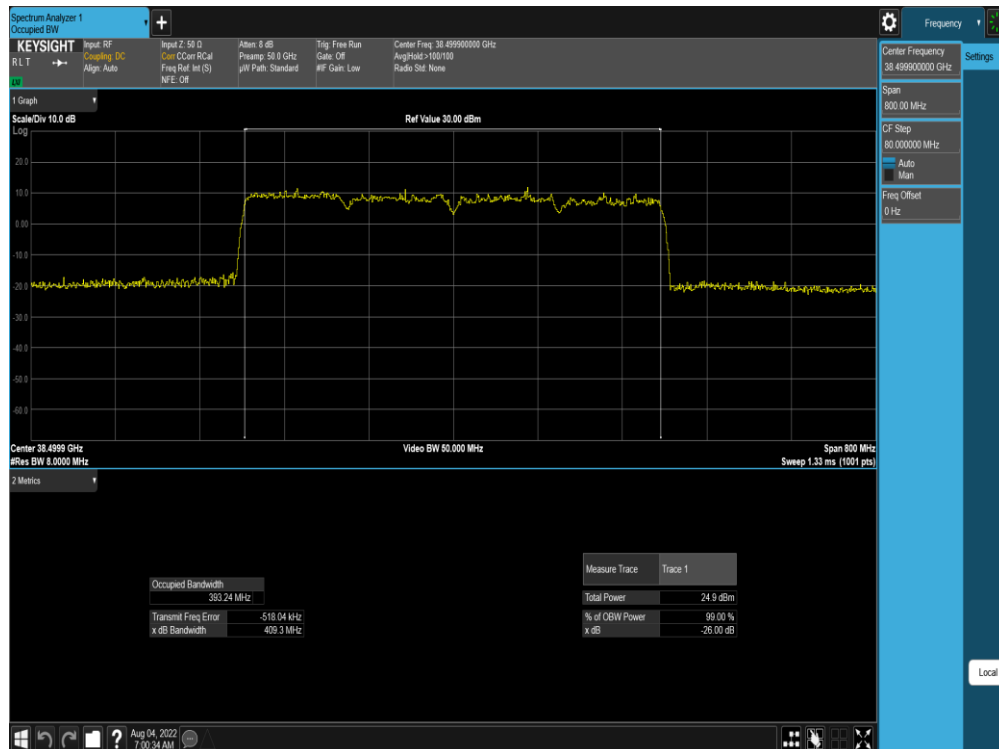
FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 244 of 999



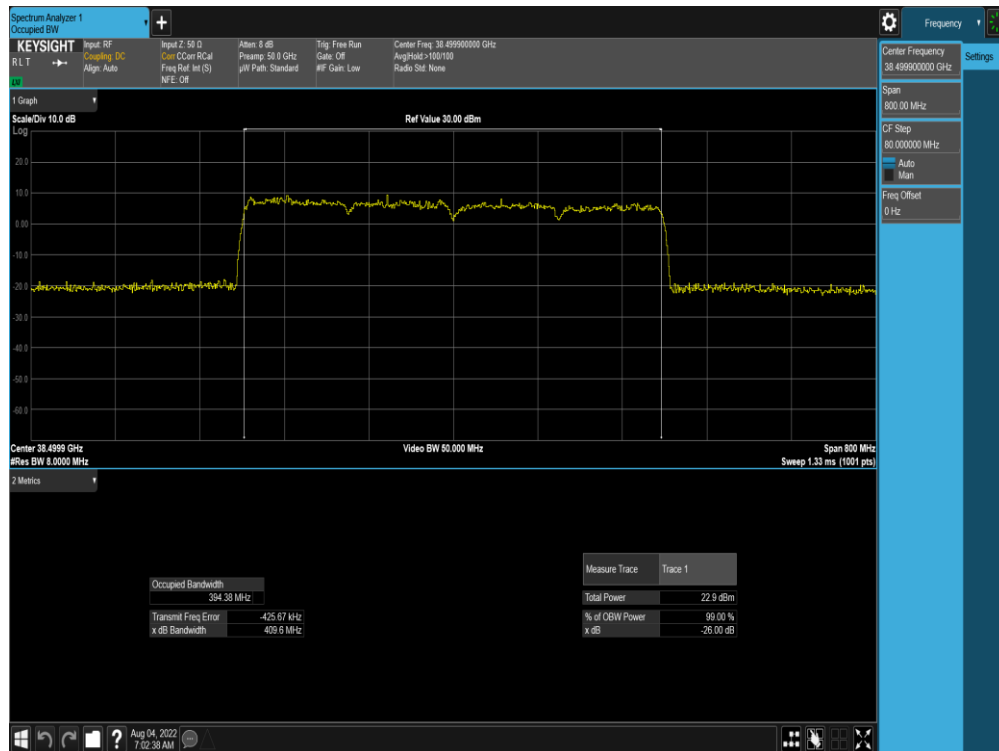
FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 245 of 999	



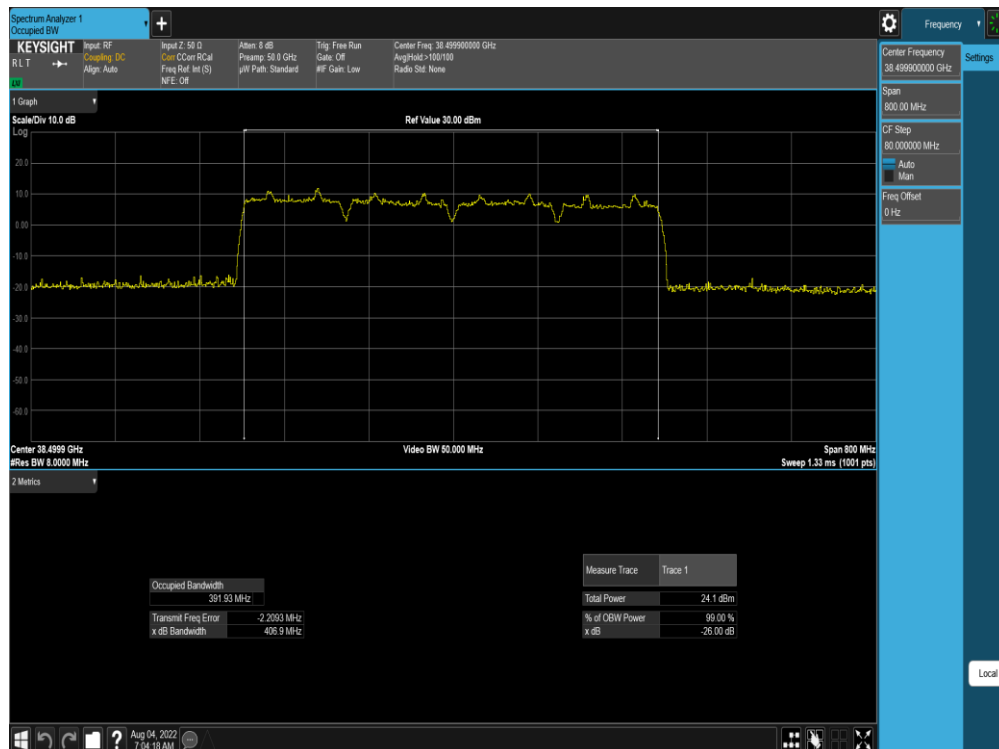
FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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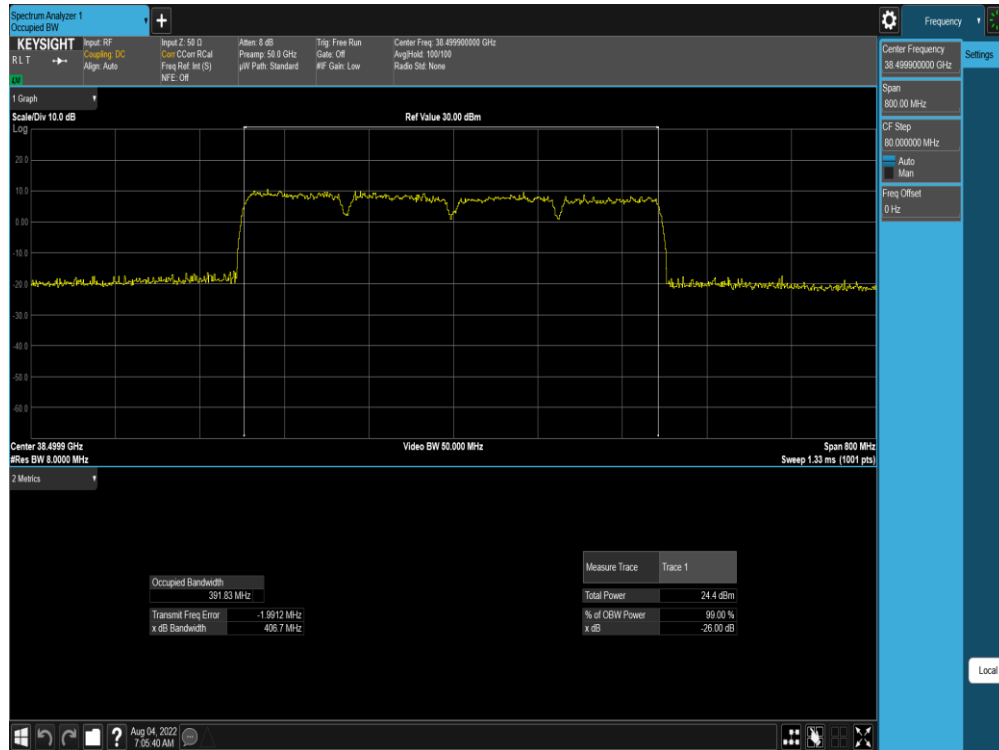


Plot 7-409. Ant M0 OBW (Band n260-100MHz-4CC SISO CP-OFDM – 64QAM – Mid Channel)

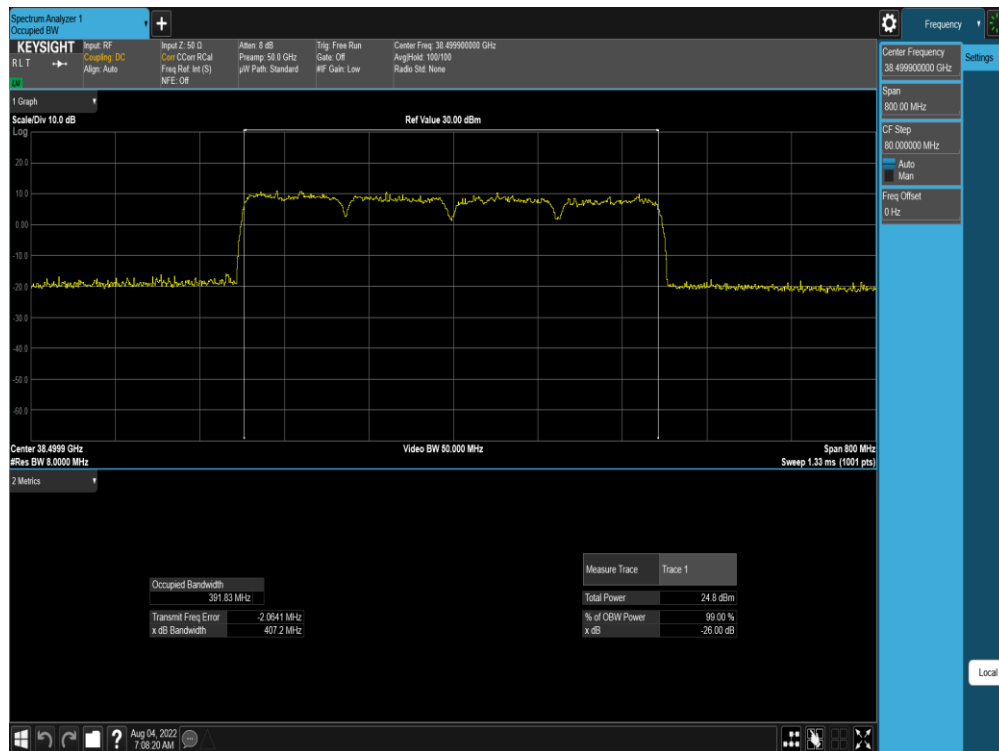


Plot 7-410. Ant M0 OBW (Band n260-100MHz-4CC SISO DFTs-OFDM – $\pi/2$ BPSK – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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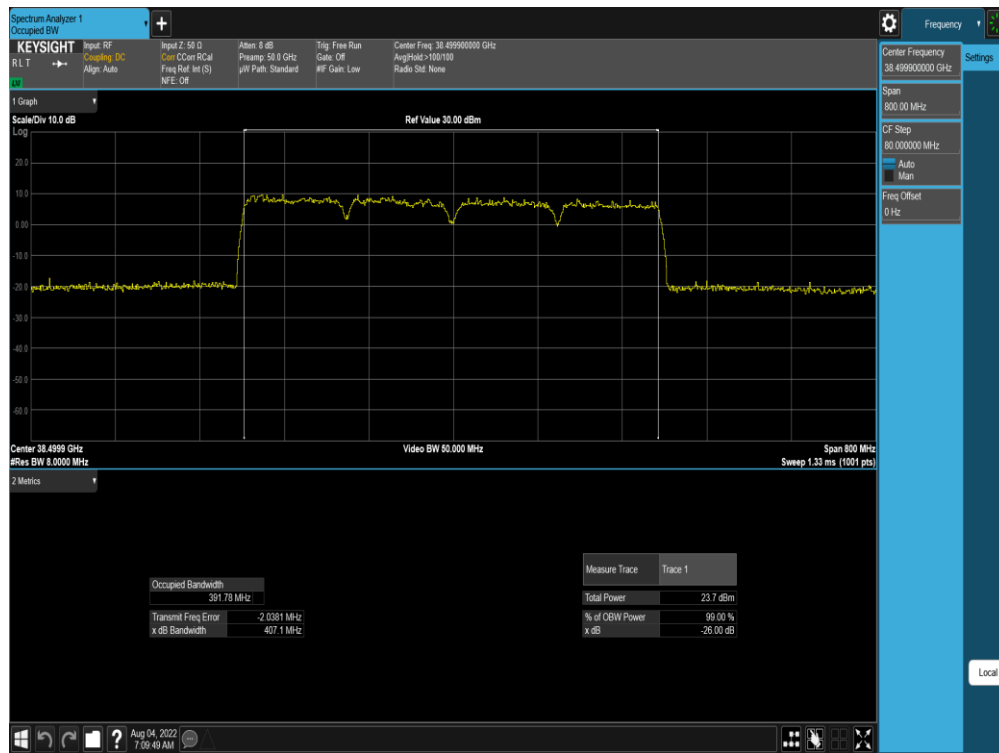


Plot 7-411. Ant M0 OBW (Band n260-100MHz-4CC SISO DFTs-OFDM – QPSK – Mid Channel)



Plot 7-412. Ant M0 OBW (Band n260-100MHz-4CC SISO DFTs-OFDM – 16QAM – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 249 of 999

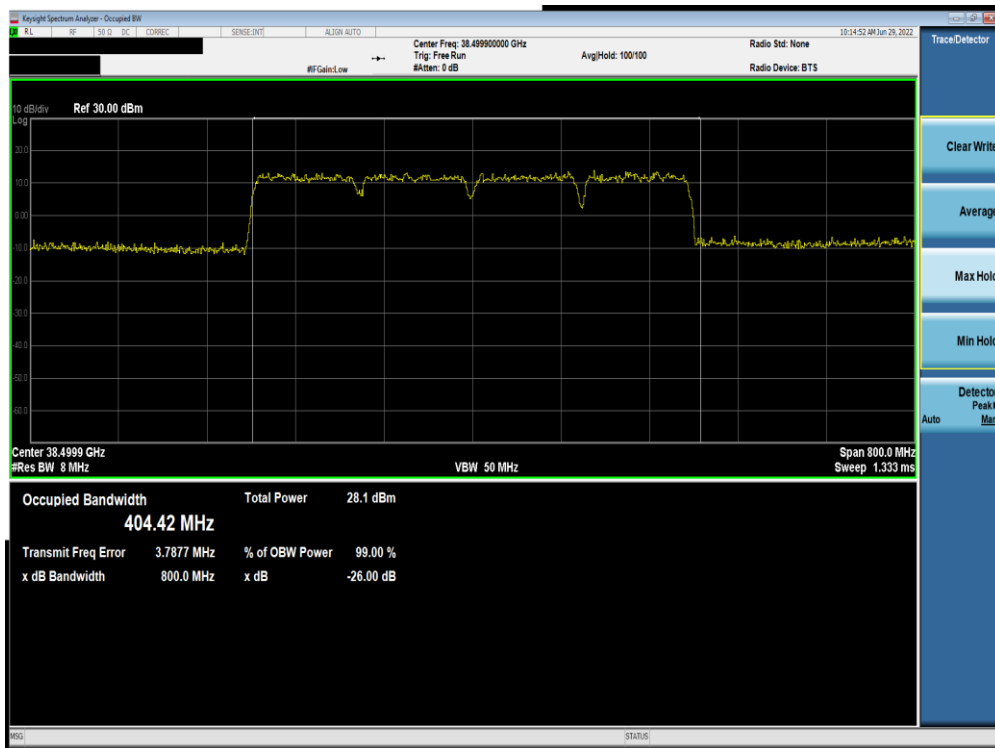


Plot 7-413. Ant M0 OBW (Band n260-100MHz-4CC SISO DFTs-OFDM – 64QAM – Mid Channel)

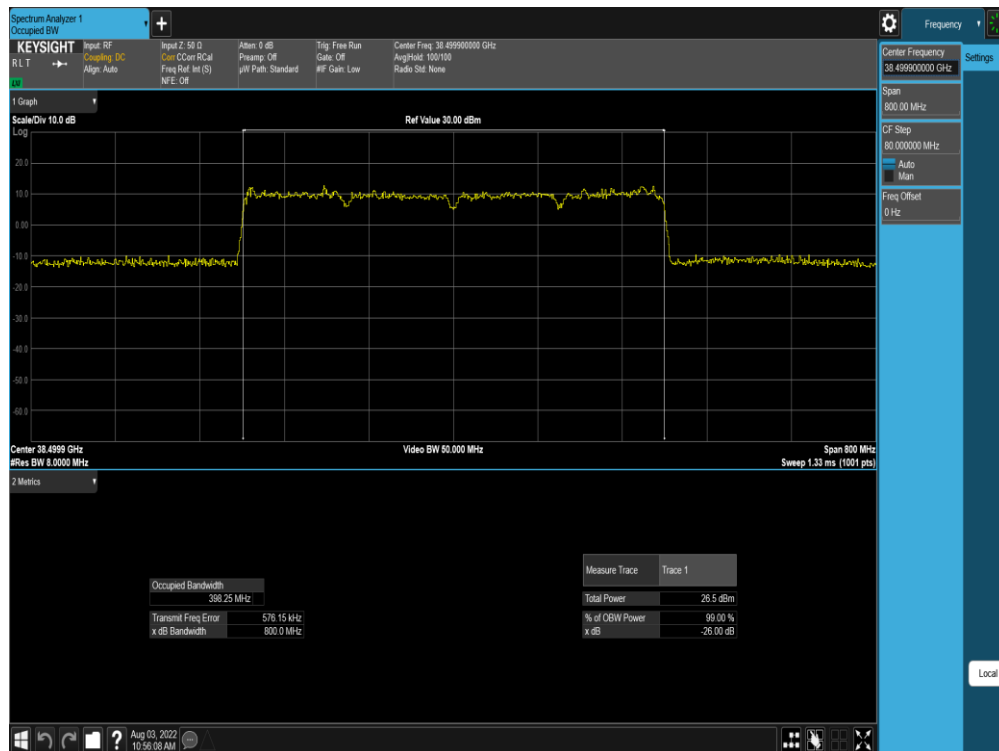


Plot 7-414. Ant M0 OBW (Band n260-100MHz-4CC MIMO CP-OFDM – QPSK – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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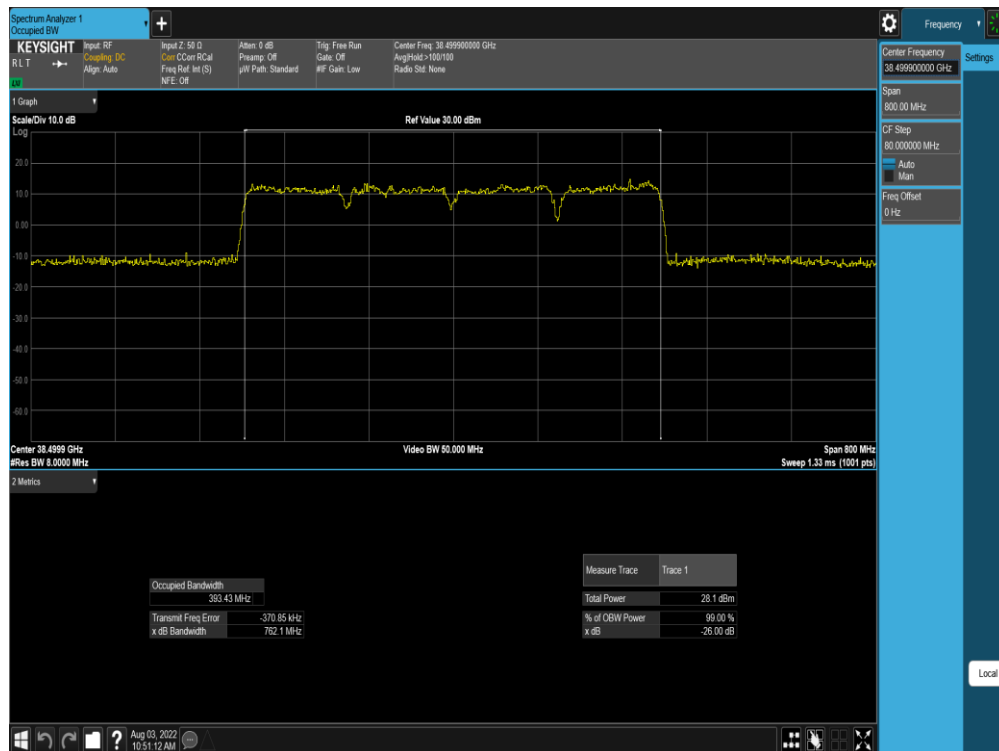
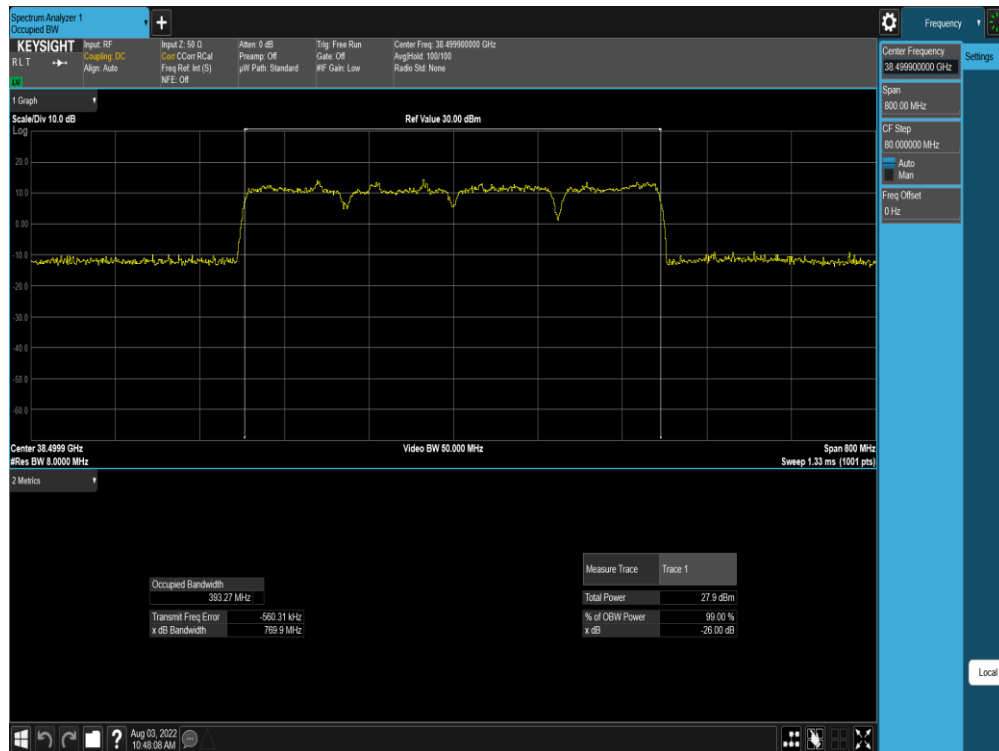


Plot 7-415. Ant M0 OBW (Band n260-100MHz-4CC MIMO CP-OFDM – 16QAM – Mid Channel)

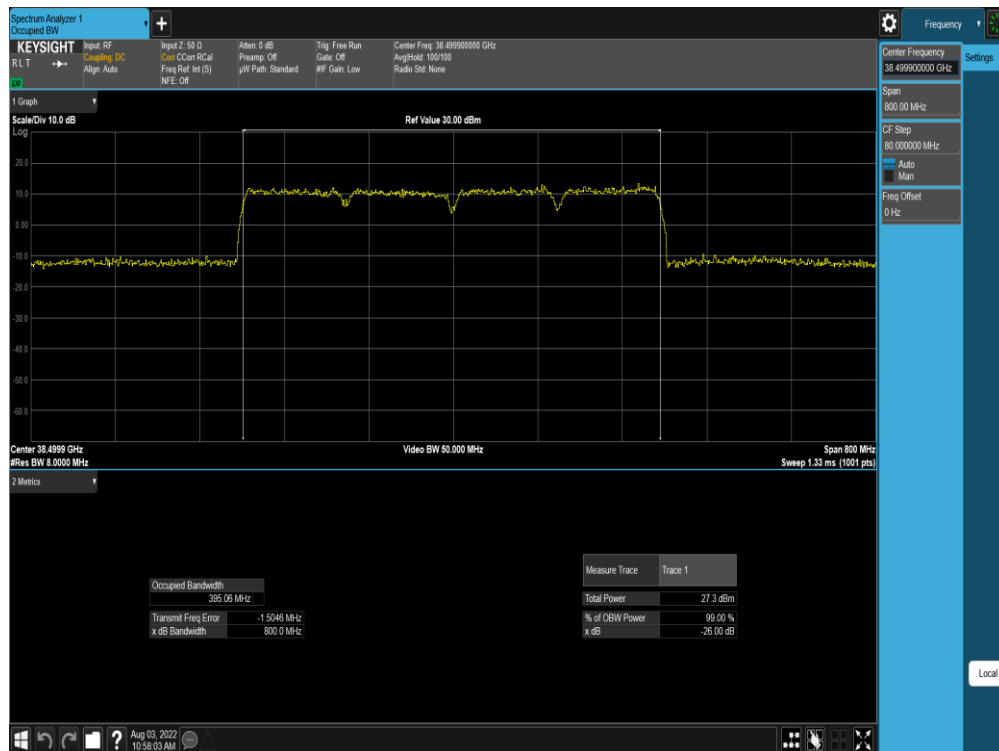


Plot 7-416. Ant M0 OBW (Band n260-100MHz-4CC MIMO CP-OFDM – 64QAM – Mid Channel)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.3 Equivalent Isotropic Radiated Power

§2.1046, §30.202

Test Overview

Equivalent Isotropic Radiated Power (EIRP) measurements are performed using broadband horn antennas. 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.

The average power of the sum of all antenna elements is limited to a maximum EIRP of +43 dBm.

Test Procedures Used

ANSI C63.26-2015 – Section 5.2.4.4.1

KDB 842590 D01 – Section 4.2

Test Settings

1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.
2. RBW = 1 – 5% of the expected OBW
3. VBW $\geq 3 \times$ RBW
4. Span = 2x to 3x the OBW
5. No. of sweep points $\geq 2 \times$ span / RBW
6. Sweep time = Auto
7. Detector = RMS
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize

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Test Notes

- 1) 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. Both H-Beam and V-Beam were investigated and the worst-case measurements were reported below.
- 2) Elements within the same antenna array are correlated to produce beamforming array gain. Antenna arrays cannot be correlated with another antenna array. During testing, only one antenna array was active.
- 3) EIRP measurements were taken at 1m test distance.
- 4) The average EIRP reported below is calculated per section 5.2.7 of ANSI C63.26-2015 which states: $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m. The field strength at the antenna terminals E is calculated as: $E (dB\mu V/m) = \text{Spectrum Analyzer Channel Power Level (dBm)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107$.
- 5) Radiated power levels are investigated while the receive antenna was rotated through all angles to determine the worst case polarization/positioning.
- 6) This device supports CP-OFDM and DFT-s-OFDM Waveforms. For antennas M0, M2, and M3 all configurations were investigated for SISO (CP-OFDM and DFTs-OFDM), MIMO (CP-OFDM), SISO Dual Pol (DFTs-OFDM).
- 7) The EUT and measurement equipment were set up as shown in the diagram in Figure 3-5.
- 8) Refer to Appendix A for EIRP plots.

Sample Calculation

The offset level loaded into the spectrum analyzer allows for a direct conversion of the raw channel power level measured by the analyzer into an EIRP. This offset level is frequency dependent and is calculated as follows:

$$\text{Offset Level [dB]} = \text{Antenna Factor [dB/m]} + \text{Cable Loss [dB]} + 20 \text{ Log}(\text{Distance [m]}) + 107 - 104.8 .$$

For example, to measure an EIRP at a frequency of 24400MHz with an antenna factor of 40.40dB/m, a cable loss of 7.68dB, and a measurement distance of 1 meter, an offset level of:

$$\text{Offset Level} = 40.40\text{dB/m} + 7.68\text{dB} + 20 \text{ Log}(1 \text{ meter}) + 107 - 104.8 = \mathbf{50.28 \text{ dB}}$$

shall be loaded into the spectrum analyzer.

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 255 of 999

7.3.1 Band n258-R1 – Ant M0

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	24349.92	CP-OFDM	QPSK	H	59	SISO	32 / 0	22.74
		Mid	24349.92	CP-OFDM	16QAM	H	59	SISO	1 / 16	22.85
		Mid	24349.92	CP-OFDM	64QAM	H	59	SISO	1 / 16	21.13
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	1 / 16	26.99
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59	SISO	1 / 16	26.99
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59	SISO	1 / 16	24.53
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59	SISO	1 / 16	22.90
		Mid	24349.92	CP-OFDM	QPSK	H	59	MIMO	1 / 16	28.18
		Mid	24349.92	CP-OFDM	16QAM	H	59	MIMO	1 / 16	27.18
		Mid	24349.92	CP-OFDM	64QAM	H	59	MIMO	1 / 16	25.33
		Low	24275.04	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	31.93
		Low	24275.04	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	32.04
		Low	24275.04	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	29.82
		Low	24275.04	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	28.17
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	31.27
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	31.30
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	28.94
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	27.27
		High	24424.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	32.23
		High	24424.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	32.28
		High	24424.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	30.02
		High	24424.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	28.48
50+50	2	Mid	24349.92	CP-OFDM	QPSK	H	59	SISO	1 / 16	19.78
		Mid	24349.92	CP-OFDM	16QAM	H	59	SISO	32 / 0	19.67
		Mid	24349.92	CP-OFDM	64QAM	H	59	SISO	32 / 0	17.82
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	1 / 16	19.70
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59	SISO	1 / 16	19.70
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59	SISO	32 / 0	19.67
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59	SISO	1 / 16	18.67
		Mid	24349.92	CP-OFDM	QPSK	H	59	MIMO	1 / 16	23.58
		Mid	24349.92	CP-OFDM	16QAM	H	59	MIMO	1 / 16	23.61
		Mid	24349.92	CP-OFDM	64QAM	H	59	MIMO	1 / 16	21.98
		Low	24300.06	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	24.86
		Low	24300.06	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	24.97
		Low	24300.06	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.82
		Low	24300.06	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.04
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	23.56
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	23.86
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	32 / 0	21.72
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	22.69
		High	24399.90	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.11
		High	24399.90	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.15
		High	24399.90	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.76
		High	24399.90	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.01
50+50+50	3	Mid	24349.92	CP-OFDM	QPSK	H	59	SISO	32 / 0	19.63
		Mid	24349.92	CP-OFDM	16QAM	H	59	SISO	32 / 0	19.35
		Mid	24349.92	CP-OFDM	64QAM	H	59	SISO	1 / 16	17.46
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	32 / 0	19.64
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59	SISO	32 / 0	19.65
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59	SISO	32 / 0	19.63
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59	SISO	32 / 0	18.34
		Mid	24349.92	CP-OFDM	QPSK	H	59	MIMO	1 / 16	23.74
		Mid	24349.92	CP-OFDM	16QAM	H	59	MIMO	1 / 16	23.31
		Mid	24349.92	CP-OFDM	64QAM	H	59	MIMO	1 / 16	21.48
		Low	24325.08	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.06
		Low	24325.08	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.34
		Low	24325.08	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	25.06
		Low	24325.08	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	23.98
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	23.67
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	23.85
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	23.81
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	32 / 0	20.37
		High	24374.88	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.34
		High	24374.88	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.44
		High	24374.88	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	25.17
		High	24374.88	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.01
50+50+50+50	4	Mid	24349.92	CP-OFDM	QPSK	H	59	SISO	32 / 0	19.51
		Mid	24349.92	CP-OFDM	16QAM	H	59	SISO	32 / 0	19.50
		Mid	24349.92	CP-OFDM	64QAM	H	59	SISO	32 / 0	17.65
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	32 / 0	19.52
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59	SISO	32 / 0	19.51
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59	SISO	32 / 0	19.52
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59	SISO	1 / 16	18.56
		Mid	24349.92	CP-OFDM	QPSK	H	59	MIMO	1 / 16	23.76
		Mid	24349.92	CP-OFDM	16QAM	H	59	MIMO	1 / 16	23.18
		Mid	24349.92	CP-OFDM	64QAM	H	59	MIMO	1 / 16	21.91
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	23.33
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	23.66
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	23.29
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	22.73

Table 7-26. Ant M0 EIRP Data (Band n258-R1 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 256 of 999

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
100	1	Mid	24349.92	CP-OFDM	QPSK	H	59	SISO	1 / 32	23.90
		Mid	24349.92	CP-OFDM	16QAM	H	59	SISO	1 / 32	22.78
		Mid	24349.92	CP-OFDM	64QAM	H	59	SISO	1 / 32	21.18
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	1 / 32	26.88
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59	SISO	1 / 32	26.92
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59	SISO	1 / 32	24.43
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59	SISO	1 / 32	23.00
		Mid	24349.92	CP-OFDM	QPSK	H	59	MIMO	1 / 32	28.22
		Mid	24349.92	CP-OFDM	16QAM	H	59	MIMO	1 / 32	27.30
		Mid	24349.92	CP-OFDM	64QAM	H	59	MIMO	1 / 32	25.34
		Low	24300.00	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	32.04
		Low	24300.00	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	32.14
		Low	24300.00	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	29.82
		Low	24300.00	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	28.29
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	31.23
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	64 / 0	28.71
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	28.82
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	27.36
		High	24399.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	32.38
		High	24399.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	64 / 0	28.01
		High	24399.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	29.86
		High	24399.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	28.54
100+100	2	Mid	24349.92	CP-OFDM	QPSK	H	59	SISO	64 / 0	19.39
		Mid	24349.92	CP-OFDM	16QAM	H	59	SISO	64 / 0	19.42
		Mid	24349.92	CP-OFDM	64QAM	H	59	SISO	64 / 0	17.60
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	64 / 0	19.46
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59	SISO	64 / 0	19.47
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59	SISO	64 / 0	19.44
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59	SISO	64 / 0	18.42
		Mid	24349.92	CP-OFDM	QPSK	H	59	MIMO	1 / 32	23.35
		Mid	24349.92	CP-OFDM	16QAM	H	59	MIMO	1 / 32	23.47
		Mid	24349.92	CP-OFDM	64QAM	H	59	MIMO	1 / 32	21.66
		Low	24350.04	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	25.04
		Low	24350.04	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	24.80
		Low	24350.04	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	24.81
		Low	24350.04	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	23.96
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	23.49
		Mid	24349.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	23.28
		Mid	24349.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	23.24
		Mid	24349.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	22.61
		High	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	25.17
		High	24349.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	24.88
		High	24349.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	24.92
		High	24349.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	24.10

Table 7-27. Ant M0 EIRP Data (Band n258-R1 – 100MHz)

FCC ID: BCGA2435	 PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 257 of 999

7.3.2 Band n258-R1 – Ant M2

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	24349.92	CP-OFDM	QPSK	V	50	SISO	1 / 16	21.22
		Mid	24349.92	CP-OFDM	16QAM	V	50	SISO	1 / 16	20.09
		Mid	24349.92	CP-OFDM	64QAM	V	50	SISO	1 / 16	18.26
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	1 / 16	20.62
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50	SISO	1 / 16	20.58
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50	SISO	1 / 16	18.17
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50	SISO	1 / 16	16.75
		Mid	24349.92	CP-OFDM	QPSK	V	50	MIMO	1 / 16	23.34
		Mid	24349.92	CP-OFDM	16QAM	V	50	MIMO	1 / 16	22.52
		Mid	24349.92	CP-OFDM	64QAM	V	50	MIMO	1 / 16	20.43
		Low	24275.04	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 16	26.60
		Low	24275.04	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 16	27.05
		Low	24275.04	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 16	24.53
		Low	24275.04	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 16	22.89
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 16	26.80
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 16	27.03
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 16	24.64
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 16	23.00
		High	24424.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 16	25.95
		High	24424.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 16	26.57
		High	24424.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 16	23.96
		High	24424.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 16	22.24
50+50	2	Mid	24349.92	CP-OFDM	QPSK	V	50	SISO	1 / 31	17.16
		Mid	24349.92	CP-OFDM	16QAM	V	50	SISO	32 / 0	17.01
		Mid	24349.92	CP-OFDM	64QAM	V	50	SISO	1 / 31	15.19
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	1 / 16	13.62
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50	SISO	32 / 0	13.61
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50	SISO	32 / 0	13.59
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50	SISO	32 / 0	12.62
		Mid	24349.92	CP-OFDM	QPSK	V	50	MIMO	1 / 16	19.28
		Mid	24349.92	CP-OFDM	16QAM	V	50	MIMO	1 / 16	19.02
		Mid	24349.92	CP-OFDM	64QAM	V	50	MIMO	1 / 16	17.32
		Low	24300.06	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.51
		Low	24300.06	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.45
		Low	24300.06	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	20.42
		Low	24300.06	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.39
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 16	19.60
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 16	19.85
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 16	19.14
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 16	18.48
		High	24399.90	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.38
		High	24399.90	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.40
		High	24399.90	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	20.21
		High	24399.90	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.24
50+50+50	3	Mid	24349.92	CP-OFDM	QPSK	V	50	SISO	1 / 16	17.06
		Mid	24349.92	CP-OFDM	16QAM	V	50	SISO	32 / 0	16.72
		Mid	24349.92	CP-OFDM	64QAM	V	50	SISO	1 / 16	14.88
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	1 / 16	13.86
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50	SISO	1 / 16	13.90
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50	SISO	32 / 0	13.84
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50	SISO	1 / 16	12.55
		Mid	24349.92	CP-OFDM	QPSK	V	50	MIMO	1 / 16	19.57
		Mid	24349.92	CP-OFDM	16QAM	V	50	MIMO	1 / 16	19.06
		Mid	24349.92	CP-OFDM	64QAM	V	50	MIMO	1 / 16	17.37
		Low	24325.08	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.60
		Low	24325.08	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.56
		Low	24325.08	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	20.49
		Low	24325.08	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.20
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 16	20.19
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 16	20.18
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 16	19.80
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 16	18.58
		High	24374.88	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.53
		High	24374.88	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.56
		High	24374.88	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	20.55
		High	24374.88	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.17
50+50+50+50	4	Mid	24349.92	CP-OFDM	QPSK	V	50	SISO	1 / 31	16.98
		Mid	24349.92	CP-OFDM	16QAM	V	50	SISO	32 / 0	16.91
		Mid	24349.92	CP-OFDM	64QAM	V	50	SISO	1 / 0	15.09
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	32 / 0	13.82
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50	SISO	32 / 0	13.81
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50	SISO	32 / 0	13.79
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50	SISO	1 / 16	12.86
		Mid	24349.92	CP-OFDM	QPSK	V	50	MIMO	32 / 0	13.80
		Mid	24349.92	CP-OFDM	16QAM	V	50	MIMO	32 / 0	13.80
		Mid	24349.92	CP-OFDM	64QAM	V	50	MIMO	1 / 16	12.79
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.55
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	20.51
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	20.51
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.46

Table 7-28. Ant M2 EIRP Data (Band n258-R1 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 258 of 999

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
100	1	Mid	24349.92	CP-OFDM	QPSK	V	50	SISO	1 / 32	21.92
		Mid	24349.92	CP-OFDM	16QAM	V	50	SISO	1 / 32	20.89
		Mid	24349.92	CP-OFDM	64QAM	V	50	SISO	1 / 32	19.02
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	1 / 32	20.74
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50	SISO	1 / 32	20.82
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50	SISO	1 / 32	18.31
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50	SISO	1 / 32	16.84
		Mid	24349.92	CP-OFDM	QPSK	V	50	MIMO	1 / 32	23.52
		Mid	24349.92	CP-OFDM	16QAM	V	50	MIMO	1 / 32	22.68
		Mid	24349.92	CP-OFDM	64QAM	V	50	MIMO	1 / 32	20.58
		Low	24300.00	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 32	26.93
		Low	24300.00	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 32	27.34
		Low	24300.00	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	24.91
		Low	24300.00	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 32	23.15
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 32	26.59
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 32	26.99
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	24.49
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 32	22.85
		High	24399.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 32	25.83
		High	24399.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 32	26.42
		High	24399.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	23.90
		High	24399.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 32	22.08
100+100	2	Mid	24349.92	CP-OFDM	QPSK	V	50	SISO	1 / 65	17.84
		Mid	24349.92	CP-OFDM	16QAM	V	50	SISO	1 / 65	17.73
		Mid	24349.92	CP-OFDM	64QAM	V	50	SISO	1 / 65	15.97
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	64 / 0	13.84
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50	SISO	1 / 32	13.86
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50	SISO	64 / 0	13.84
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50	SISO	64 / 0	12.81
		Mid	24349.92	CP-OFDM	QPSK	V	50	MIMO	1 / 32	19.62
		Mid	24349.92	CP-OFDM	16QAM	V	50	MIMO	1 / 32	19.63
		Mid	24349.92	CP-OFDM	64QAM	V	50	MIMO	1 / 32	17.67
		Low	24350.04	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	20.76
		Low	24350.04	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	20.77
		Low	24350.04	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	64 / 0	20.69
		Low	24350.04	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	19.62
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 32	19.84
		Mid	24349.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 32	20.16
		Mid	24349.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	19.72
		Mid	24349.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 32	18.62
		High	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	20.61
		High	24349.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	20.59
		High	24349.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	64 / 0	20.56
		High	24349.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	19.58

Table 7-29. Ant M2 EIRP Data (Band n258-R1 – 100MHz)

FCC ID: BCGA2435	 PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 259 of 999

7.3.3 Band n258-R1 – Ant M3

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	24349.92	CP-OFDM	QPSK	V	55	SISO	1 / 16	23.37
		Mid	24349.92	CP-OFDM	16QAM	V	55	SISO	1 / 16	22.36
		Mid	24349.92	CP-OFDM	64QAM	V	55	SISO	1 / 16	20.31
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	1 / 16	26.32
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55	SISO	1 / 16	26.39
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55	SISO	1 / 16	24.08
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55	SISO	1 / 16	22.43
		Mid	24349.92	CP-OFDM	QPSK	V	55	MIMO	1 / 16	25.69
		Mid	24349.92	CP-OFDM	16QAM	V	55	MIMO	1 / 16	24.86
		Mid	24349.92	CP-OFDM	64QAM	V	55	MIMO	1 / 16	22.74
		Low	24275.04	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	28.71
		Low	24275.04	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	28.77
		Low	24275.04	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	26.54
		Low	24275.04	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	24.83
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	29.17
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	29.60
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	26.94
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	25.41
		High	24424.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	29.05
		High	24424.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	29.29
		High	24424.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	26.78
		High	24424.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	25.09
50+50	2	Mid	24349.92	CP-OFDM	QPSK	V	55	SISO	32 / 0	19.25
		Mid	24349.92	CP-OFDM	16QAM	V	55	SISO	32 / 0	19.27
		Mid	24349.92	CP-OFDM	64QAM	V	55	SISO	32 / 0	17.21
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	1 / 31	18.37
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55	SISO	1 / 31	18.46
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55	SISO	1 / 31	18.04
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55	SISO	1 / 31	17.36
		Mid	24349.92	CP-OFDM	QPSK	V	55	MIMO	1 / 16	21.57
		Mid	24349.92	CP-OFDM	16QAM	V	55	MIMO	1 / 16	21.30
		Mid	24349.92	CP-OFDM	64QAM	V	55	MIMO	1 / 16	19.54
		Low	24300.06	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 31	21.68
		Low	24300.06	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.95
		Low	24300.06	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 31	21.54
		Low	24300.06	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 31	20.76
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.32
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.64
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.25
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	20.43
		High	24399.90	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.41
		High	24399.90	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.82
		High	24399.90	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.23
		High	24399.90	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	20.44
50+50+50	3	Mid	24349.92	CP-OFDM	QPSK	V	55	SISO	1 / 16	19.58
		Mid	24349.92	CP-OFDM	16QAM	V	55	SISO	32 / 0	19.19
		Mid	24349.92	CP-OFDM	64QAM	V	55	SISO	1 / 16	17.25
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	32 / 0	19.58
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55	SISO	32 / 0	19.60
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55	SISO	1 / 16	19.54
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55	SISO	32 / 0	18.22
		Mid	24349.92	CP-OFDM	QPSK	V	55	MIMO	1 / 16	21.96
		Mid	24349.92	CP-OFDM	16QAM	V	55	MIMO	1 / 16	21.53
		Mid	24349.92	CP-OFDM	64QAM	V	55	MIMO	1 / 16	19.58
		Low	24325.08	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.28
		Low	24325.08	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.59
		Low	24325.08	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	22.26
		Low	24325.08	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.07
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.72
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.16
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.87
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	20.67
		High	24374.88	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.82
		High	24374.88	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.13
		High	24374.88	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.69
		High	24374.88	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	20.60
50+50+50+50	4	Mid	24349.92	CP-OFDM	QPSK	V	55	SISO	32 / 0	19.45
		Mid	24349.92	CP-OFDM	16QAM	V	55	SISO	32 / 0	19.47
		Mid	24349.92	CP-OFDM	64QAM	V	55	SISO	32 / 0	17.41
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	32 / 0	19.50
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55	SISO	32 / 0	19.52
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55	SISO	32 / 0	19.49
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55	SISO	1 / 16	18.57
		Mid	24349.92	CP-OFDM	QPSK	V	55	MIMO	1 / 16	21.88
		Mid	24349.92	CP-OFDM	16QAM	V	55	MIMO	1 / 16	21.56
		Mid	24349.92	CP-OFDM	64QAM	V	55	MIMO	1 / 16	19.90
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.81
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.06
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.55
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	20.95

Table 7-30. Ant M3 EIRP Data (Band n258-R1 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 260 of 999

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
100	1	Mid	24349.92	CP-OFDM	QPSK	V	55	SISO	1 / 32	22.89
		Mid	24349.92	CP-OFDM	16QAM	V	55	SISO	1 / 32	21.85
		Mid	24349.92	CP-OFDM	64QAM	V	55	SISO	1 / 32	20.00
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	1 / 32	25.74
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55	SISO	1 / 32	25.68
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55	SISO	1 / 32	23.14
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55	SISO	1 / 32	21.61
		Mid	24349.92	CP-OFDM	QPSK	V	55	MIMO	1 / 32	25.87
		Mid	24349.92	CP-OFDM	16QAM	V	55	MIMO	1 / 32	25.00
		Mid	24349.92	CP-OFDM	64QAM	V	55	MIMO	1 / 32	22.95
		Low	24300.00	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	29.17
		Low	24300.00	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	29.43
		Low	24300.00	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	26.97
		Low	24300.00	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	25.39
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	29.33
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	29.70
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	27.26
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	25.49
		High	24399.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	28.87
		High	24399.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	29.24
		High	24399.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	26.73
		High	24399.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	25.00
100+100	2	Mid	24349.92	CP-OFDM	QPSK	V	55	SISO	64 / 0	19.46
		Mid	24349.92	CP-OFDM	16QAM	V	55	SISO	64 / 0	19.41
		Mid	24349.92	CP-OFDM	64QAM	V	55	SISO	64 / 0	17.40
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	1 / 32	18.88
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55	SISO	1 / 32	18.87
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55	SISO	64 / 0	18.84
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55	SISO	64 / 0	17.84
		Mid	24349.92	CP-OFDM	QPSK	V	55	MIMO	1 / 32	21.80
		Mid	24349.92	CP-OFDM	16QAM	V	55	MIMO	1 / 32	21.94
		Mid	24349.92	CP-OFDM	64QAM	V	55	MIMO	1 / 32	19.98
		Low	24350.04	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 0	23.58
		Low	24350.04	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 0	23.64
		Low	24350.04	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 0	23.66
		Low	24350.04	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 0	22.95
		Mid	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 0	23.72
		Mid	24349.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 0	23.79
		Mid	24349.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 0	23.45
		Mid	24349.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 0	22.32
		High	24349.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 0	23.83
		High	24349.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 0	23.63
		High	24349.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 0	23.55
		High	24349.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 0	22.70

Table 7-31. Ant M3 EIRP Data (Band n258-R1 – 100MHz)

FCC ID: BCGA2435	 PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 261 of 999

7.3.4 Band n258-R2 – Ant M0

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	24999.96	CP-OFDM	QPSK	H	59	SISO	1 / 16	24.15
		Mid	24999.96	CP-OFDM	16QAM	H	59	SISO	1 / 16	23.13
		Mid	24999.96	CP-OFDM	64QAM	H	59	SISO	1 / 16	21.30
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	1 / 16	27.32
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59	SISO	1 / 16	27.26
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59	SISO	1 / 16	24.98
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59	SISO	1 / 16	23.27
		Mid	24999.96	CP-OFDM	QPSK	H	59	MIMO	1 / 16	28.64
		Mid	24999.96	CP-OFDM	16QAM	H	59	MIMO	1 / 16	27.66
		Mid	24999.96	CP-OFDM	64QAM	H	59	MIMO	1 / 16	25.80
		Low	24775.08	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	31.55
		Low	24775.08	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	31.63
		Low	24775.08	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	26.14
		Low	24775.08	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.64
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	31.76
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	31.78
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	29.46
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	27.79
		High	25224.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	32.15
		High	25224.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	32.26
		High	25224.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	29.85
		High	25224.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	28.27
50+50	2	Mid	24999.96	CP-OFDM	QPSK	H	59	SISO	1 / 16	20.05
		Mid	24999.96	CP-OFDM	16QAM	H	59	SISO	32 / 0	20.01
		Mid	24999.96	CP-OFDM	64QAM	H	59	SISO	32 / 0	18.16
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	1 / 16	20.05
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59	SISO	32 / 0	20.03
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59	SISO	32 / 0	20.04
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59	SISO	1 / 16	19.02
		Mid	24999.96	CP-OFDM	QPSK	H	59	MIMO	1 / 16	24.34
		Mid	24999.96	CP-OFDM	16QAM	H	59	MIMO	1 / 16	24.06
		Mid	24999.96	CP-OFDM	64QAM	H	59	MIMO	1 / 16	22.35
		Low	24800.10	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	23.85
		Low	24800.10	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	21.43
		Low	24800.10	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	20.85
		Low	24800.10	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	20.38
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	24.34
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	23.96
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.04
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	23.23
		High	25199.94	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	32 / 0	23.08
		High	25199.94	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.15
		High	25199.94	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.51
		High	25199.94	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.01
50+50+50	3	Mid	24999.96	CP-OFDM	QPSK	H	59	SISO	1 / 16	19.99
		Mid	24999.96	CP-OFDM	16QAM	H	59	SISO	32 / 0	19.66
		Mid	24999.96	CP-OFDM	64QAM	H	59	SISO	32 / 0	17.81
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	1 / 16	19.92
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59	SISO	32 / 0	20.01
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59	SISO	32 / 0	19.96
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59	SISO	1 / 16	18.70
		Mid	24999.96	CP-OFDM	QPSK	H	59	MIMO	1 / 16	24.54
		Mid	24999.96	CP-OFDM	16QAM	H	59	MIMO	1 / 16	23.96
		Mid	24999.96	CP-OFDM	64QAM	H	59	MIMO	1 / 16	22.22
		Low	24825.12	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	32 / 0	24.32
		Low	24825.12	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	21.75
		Low	24825.12	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	21.54
		Low	24825.12	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	20.49
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	24.31
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	24.44
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.39
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	23.12
		High	25174.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.25
		High	25174.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.49
		High	25174.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	25.06
		High	25174.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	23.99
50+50+50+50	4	Mid	24999.96	CP-OFDM	QPSK	H	59	SISO	1 / 16	19.17
		Mid	24999.96	CP-OFDM	16QAM	H	59	SISO	32 / 0	19.16
		Mid	24999.96	CP-OFDM	64QAM	H	59	SISO	1 / 16	17.33
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	32 / 0	19.14
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59	SISO	1 / 16	19.19
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59	SISO	32 / 0	19.15
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59	SISO	1 / 16	18.17
		Mid	24999.96	CP-OFDM	QPSK	H	59	MIMO	1 / 16	24.05
		Mid	24999.96	CP-OFDM	16QAM	H	59	MIMO	1 / 16	23.89
		Mid	24999.96	CP-OFDM	64QAM	H	59	MIMO	1 / 16	22.24
		Low	24850.14	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	21.10
		Low	24850.14	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	21.08
		Low	24850.14	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	20.77
		Low	24850.14	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	20.26
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	24.05
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	24.21
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	23.60
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	22.72
		High	25149.90	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 16	25.05
		High	25149.90	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 16	24.98
		High	25149.90	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 16	24.57
		High	25149.90	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 16	23.72

Table 7-32. Ant M0 EIRP Data (Band n258-R2 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 262 of 999	

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
100	1	Mid	24999.96	CP-OFDM	QPSK	H	59	SISO	1 / 32	24.13
		Mid	24999.96	CP-OFDM	16QAM	H	59	SISO	1 / 32	23.28
		Mid	24999.96	CP-OFDM	64QAM	H	59	SISO	1 / 32	21.29
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	1 / 32	27.30
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59	SISO	1 / 32	27.24
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59	SISO	1 / 32	24.84
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59	SISO	64 / 0	21.57
		Mid	24999.96	CP-OFDM	QPSK	H	59	MIMO	1 / 32	28.68
		Mid	24999.96	CP-OFDM	16QAM	H	59	MIMO	1 / 32	27.78
		Mid	24999.96	CP-OFDM	64QAM	H	59	MIMO	1 / 32	25.72
		Low	24775.08	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	31.61
		Low	24775.08	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	31.77
		Low	24775.08	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	26.11
		Low	24775.08	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	24.56
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	31.58
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	31.88
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	29.48
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	27.82
		High	25224.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	32.55
		High	25224.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	32.61
		High	25224.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	30.05
		High	25224.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	28.56
100+100	2	Mid	24999.96	CP-OFDM	QPSK	H	59	SISO	64 / 0	19.70
		Mid	24999.96	CP-OFDM	16QAM	H	59	SISO	64 / 0	19.71
		Mid	24999.96	CP-OFDM	64QAM	H	59	SISO	64 / 0	17.76
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	64 / 0	19.75
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59	SISO	64 / 0	19.74
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59	SISO	64 / 0	19.72
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59	SISO	64 / 0	18.71
		Mid	24999.96	CP-OFDM	QPSK	H	59	MIMO	1 / 32	23.74
		Mid	24999.96	CP-OFDM	16QAM	H	59	MIMO	1 / 32	23.93
		Mid	24999.96	CP-OFDM	64QAM	H	59	MIMO	1 / 32	22.05
		Low	24800.10	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	24.17
		Low	24800.10	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	24.11
		Low	24800.10	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	20.95
		Low	24800.10	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	19.81
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	24.02
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	24.16
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	23.72
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	23.14
		High	25199.94	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	24.80
		High	25199.94	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	25.26
		High	25199.94	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	24.56
		High	25199.94	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	24.24
100+100+100	3	Mid	24999.96	CP-OFDM	QPSK	H	59	SISO	64 / 0	19.76
		Mid	24999.96	CP-OFDM	16QAM	H	59	SISO	64 / 0	19.44
		Mid	24999.96	CP-OFDM	64QAM	H	59	SISO	64 / 0	17.52
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	64 / 0	19.75
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59	SISO	64 / 0	19.78
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59	SISO	64 / 0	19.71
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59	SISO	1 / 32	18.49
		Mid	24999.96	CP-OFDM	QPSK	H	59	MIMO	64 / 0	22.00
		Mid	24999.96	CP-OFDM	16QAM	H	59	MIMO	64 / 0	21.65
		Mid	24999.96	CP-OFDM	64QAM	H	59	MIMO	64 / 0	19.79
		Low	24825.12	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	20.30
		Low	24825.12	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	20.18
		Low	24825.12	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	64 / 0	19.01
		Low	24825.12	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	64 / 0	18.59
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	64 / 0	22.07
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	64 / 0	22.02
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	64 / 0	22.09
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	64 / 0	20.70
		High	25174.92	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	64 / 0	23.76
		High	25174.92	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	64 / 0	23.66
		High	25174.92	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	64 / 0	23.80
		High	25174.92	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	64 / 0	22.36
100+100+100+100	4	Mid	24999.96	CP-OFDM	QPSK	H	59	SISO	1 / 32	19.62
		Mid	24999.96	CP-OFDM	16QAM	H	59	SISO	64 / 0	19.55
		Mid	24999.96	CP-OFDM	64QAM	H	59	SISO	1 / 32	17.75
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59	SISO	64 / 0	19.60
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59	SISO	1 / 32	19.60
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59	SISO	1 / 32	19.34
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59	SISO	1 / 32	18.70
		Mid	24999.96	CP-OFDM	QPSK	H	59	MIMO	1 / 32	23.29
		Mid	24999.96	CP-OFDM	16QAM	H	59	MIMO	64 / 0	21.64
		Mid	24999.96	CP-OFDM	64QAM	H	59	MIMO	64 / 0	19.72
		Low	24850.14	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	21.12
		Low	24850.14	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	21.08
		Low	24850.14	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	64 / 0	18.83
		Low	24850.14	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	64 / 0	17.86
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	22.51
		Mid	24999.96	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	23.18
		Mid	24999.96	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	64 / 0	21.62
		Mid	24999.96	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	22.51
		High	25149.90	DFT-s-OFDM	$\pi/2$ BPSK	H	59 + 187	SISO Dual Pol	1 / 32	22.69
		High	25149.90	DFT-s-OFDM	QPSK	H	59 + 187	SISO Dual Pol	1 / 32	22.62
		High	25149.90	DFT-s-OFDM	16QAM	H	59 + 187	SISO Dual Pol	1 / 32	22.56
		High	25149.90	DFT-s-OFDM	64QAM	H	59 + 187	SISO Dual Pol	1 / 32	21.68

Table 7-33. Ant M0 EIRP Data (Band n258-R2 – 100MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 263 of 999	

7.3.5 Band n258-R2 – Ant M2

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	24999.96	CP-OFDM	QPSK	V	50	SISO	1 / 16	18.75
		Mid	24999.96	CP-OFDM	16QAM	V	50	SISO	1 / 16	17.64
		Mid	24999.96	CP-OFDM	64QAM	V	50	SISO	1 / 16	15.72
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	1 / 16	20.89
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50	SISO	1 / 16	21.01
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50	SISO	1 / 16	18.58
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50	SISO	1 / 16	16.79
		Mid	24999.96	CP-OFDM	QPSK	V	50	MIMO	1 / 16	22.48
		Mid	24999.96	CP-OFDM	16QAM	V	50	MIMO	1 / 16	21.41
		Mid	24999.96	CP-OFDM	64QAM	V	50	MIMO	1 / 16	19.12
		Low	24775.08	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	24.57
		Low	24775.08	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	24.55
		Low	24775.08	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	23.08
		Low	24775.08	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	21.03
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 16	25.54
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 16	25.67
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 16	23.24
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 16	21.39
		High	25224.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 16	25.33
		High	25224.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 16	25.43
		High	25224.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	23.29
		High	25224.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	21.26
50+50	2	Mid	24999.96	CP-OFDM	QPSK	V	50	SISO	1 / 16	14.87
		Mid	24999.96	CP-OFDM	16QAM	V	50	SISO	32 / 0	14.75
		Mid	24999.96	CP-OFDM	64QAM	V	50	SISO	1 / 16	12.84
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	32 / 0	13.77
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50	SISO	32 / 0	13.73
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50	SISO	32 / 0	13.73
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50	SISO	32 / 0	12.71
		Mid	24999.96	CP-OFDM	QPSK	V	50	MIMO	32 / 0	19.02
		Mid	24999.96	CP-OFDM	16QAM	V	50	MIMO	32 / 0	18.98
		Mid	24999.96	CP-OFDM	64QAM	V	50	MIMO	32 / 0	17.12
		Low	24800.10	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.49
		Low	24800.10	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.48
		Low	24800.10	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 16	15.47
		Low	24800.10	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	18.21
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.17
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.18
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.20
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	18.12
		High	25199.94	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.69
		High	25199.94	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.77
		High	25199.94	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.82
		High	25199.94	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	18.79
50+50+50	3	Mid	24999.96	CP-OFDM	QPSK	V	50	SISO	1 / 16	14.98
		Mid	24999.96	CP-OFDM	16QAM	V	50	SISO	32 / 0	14.68
		Mid	24999.96	CP-OFDM	64QAM	V	50	SISO	32 / 0	12.74
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	32 / 0	13.99
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50	SISO	32 / 0	14.05
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50	SISO	32 / 0	14.04
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50	SISO	1 / 16	12.65
		Mid	24999.96	CP-OFDM	QPSK	V	50	MIMO	32 / 0	19.23
		Mid	24999.96	CP-OFDM	16QAM	V	50	MIMO	32 / 0	18.94
		Mid	24999.96	CP-OFDM	64QAM	V	50	MIMO	32 / 0	17.02
		Low	24825.12	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.17
		Low	24825.12	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.25
		Low	24825.12	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 16	15.12
		Low	24825.12	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	17.79
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.37
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.34
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.39
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	17.93
		High	25174.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.87
		High	25174.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.89
		High	25174.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.90
		High	25174.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	18.58
50+50+50+50	4	Mid	24999.96	CP-OFDM	QPSK	V	50	SISO	1 / 16	11.86
		Mid	24999.96	CP-OFDM	16QAM	V	50	SISO	32 / 0	11.80
		Mid	24999.96	CP-OFDM	64QAM	V	50	SISO	1 / 16	9.88
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	32 / 0	11.84
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50	SISO	32 / 0	11.82
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50	SISO	32 / 0	11.75
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50	SISO	32 / 0	10.74
		Mid	24999.96	CP-OFDM	QPSK	V	50	MIMO	32 / 0	19.18
		Mid	24999.96	CP-OFDM	16QAM	V	50	MIMO	32 / 0	19.15
		Mid	24999.96	CP-OFDM	64QAM	V	50	MIMO	32 / 0	17.18
		Low	24850.14	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	18.99
		Low	24850.14	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	18.99
		Low	24850.14	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	18.99
		Low	24850.14	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	17.95
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.20
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.18
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.24
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	18.15
		High	25149.90	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.80
		High	25149.90	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	32 / 0	19.80
		High	25149.90	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	32 / 0	19.71
		High	25149.90	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	32 / 0	18.70

Table 7-34. Ant M2 EIRP Data (Band n258-R2 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 264 of 999	

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
100	1	Mid	24999.96	CP-OFDM	QPSK	V	50	SISO	1 / 32	18.80
		Mid	24999.96	CP-OFDM	16QAM	V	50	SISO	1 / 32	17.86
		Mid	24999.96	CP-OFDM	64QAM	V	50	SISO	1 / 32	15.86
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	1 / 32	21.03
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50	SISO	1 / 32	21.01
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50	SISO	1 / 32	18.65
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50	SISO	1 / 32	16.99
		Mid	24999.96	CP-OFDM	QPSK	V	50	MIMO	1 / 32	22.46
		Mid	24999.96	CP-OFDM	16QAM	V	50	MIMO	1 / 32	21.63
		Mid	24999.96	CP-OFDM	64QAM	V	50	MIMO	1 / 32	19.31
		Low	24775.08	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	24.57
		Low	24775.08	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	24.57
		Low	24775.08	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	64 / 0	23.12
		Low	24775.08	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	21.05
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	1 / 32	25.51
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 32	25.86
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	23.16
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 32	21.40
		High	25224.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	25.07
		High	25224.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	24.98
		High	25224.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	64 / 0	23.41
		High	25224.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	21.39
100+100	2	Mid	24999.96	CP-OFDM	QPSK	V	50	SISO	1 / 32	14.91
		Mid	24999.96	CP-OFDM	16QAM	V	50	SISO	64 / 0	14.92
		Mid	24999.96	CP-OFDM	64QAM	V	50	SISO	64 / 0	13.03
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	64 / 0	13.97
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50	SISO	1 / 32	14.04
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50	SISO	64 / 0	13.97
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50	SISO	64 / 0	12.91
		Mid	24999.96	CP-OFDM	QPSK	V	50	MIMO	64 / 0	19.27
		Mid	24999.96	CP-OFDM	16QAM	V	50	MIMO	64 / 0	19.30
		Mid	24999.96	CP-OFDM	64QAM	V	50	MIMO	64 / 0	17.32
		Low	24800.10	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.10
		Low	24800.10	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.16
		Low	24800.10	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	64 / 0	19.12
		Low	24800.10	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	18.04
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.40
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.37
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	64 / 0	19.36
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	18.33
		High	25199.94	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.78
		High	25199.94	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.73
		High	25199.94	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	64 / 0	19.79
		High	25199.94	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	18.73
100+100+100	3	Mid	24999.96	CP-OFDM	QPSK	V	50	SISO	64 / 0	15.14
		Mid	24999.96	CP-OFDM	16QAM	V	50	SISO	64 / 0	14.83
		Mid	24999.96	CP-OFDM	64QAM	V	50	SISO	1 / 32	12.93
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	64 / 0	14.18
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50	SISO	64 / 0	14.21
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50	SISO	64 / 0	14.18
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50	SISO	64 / 0	12.87
		Mid	24999.96	CP-OFDM	QPSK	V	50	MIMO	64 / 0	19.48
		Mid	24999.96	CP-OFDM	16QAM	V	50	MIMO	64 / 0	19.14
		Mid	24999.96	CP-OFDM	64QAM	V	50	MIMO	1 / 32	17.42
		Low	24825.12	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.33
		Low	24825.12	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 32	19.60
		Low	24825.12	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	19.63
		Low	24825.12	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	17.93
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.50
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.53
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	64 / 0	19.51
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	18.20
		High	25174.92	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	20.02
		High	25174.92	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	20.03
		High	25174.92	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	20.13
		High	25174.92	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	18.67
100+100+100+100	4	Mid	24999.96	CP-OFDM	QPSK	V	50	SISO	1 / 32	15.00
		Mid	24999.96	CP-OFDM	16QAM	V	50	SISO	64 / 0	14.87
		Mid	24999.96	CP-OFDM	64QAM	V	50	SISO	1 / 32	13.10
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50	SISO	1 / 32	14.03
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50	SISO	1 / 32	14.08
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50	SISO	64 / 0	14.03
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50	SISO	1 / 32	13.11
		Mid	24999.96	CP-OFDM	QPSK	V	50	MIMO	1 / 32	19.58
		Mid	24999.96	CP-OFDM	16QAM	V	50	MIMO	1 / 32	19.43
		Mid	24999.96	CP-OFDM	64QAM	V	50	MIMO	1 / 32	17.70
		Low	24850.14	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.00
		Low	24850.14	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 32	20.06
		Low	24850.14	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	19.62
		Low	24850.14	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 32	19.11
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.27
		Mid	24999.96	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	1 / 32	19.60
		Mid	24999.96	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	19.42
		Mid	24999.96	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	1 / 32	18.46
		High	25149.90	DFT-s-OFDM	$\pi/2$ BPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.88
		High	25149.90	DFT-s-OFDM	QPSK	V	50 + 178	SISO Dual Pol	64 / 0	19.86
		High	25149.90	DFT-s-OFDM	16QAM	V	50 + 178	SISO Dual Pol	1 / 32	20.59
		High	25149.90	DFT-s-OFDM	64QAM	V	50 + 178	SISO Dual Pol	64 / 0	18.78

Table 7-35. Ant M2 EIRP Data (Band n258-R2 – 100MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 265 of 999	

7.3.6 Band n258-R2 – Ant M3

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	24999.96	CP-OFDM	QPSK	V	55	SISO	1 / 16	23.19
		Mid	24999.96	CP-OFDM	16QAM	V	55	SISO	1 / 16	22.16
		Mid	24999.96	CP-OFDM	64QAM	V	55	SISO	1 / 16	20.50
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	1 / 16	25.91
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55	SISO	1 / 16	26.05
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55	SISO	1 / 16	23.70
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55	SISO	1 / 16	22.01
		Mid	24999.96	CP-OFDM	QPSK	V	55	MIMO	1 / 16	24.95
		Mid	24999.96	CP-OFDM	16QAM	V	55	MIMO	1 / 16	24.16
		Mid	24999.96	CP-OFDM	64QAM	V	55	MIMO	1 / 16	21.90
		Low	24775.08	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	30.18
		Low	24775.08	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	30.57
		Low	24775.08	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	28.01
		Low	24775.08	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	26.24
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	30.14
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	30.45
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	27.82
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	26.19
		High	25224.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	29.68
		High	25224.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	29.90
		High	25224.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	27.54
		High	25224.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	25.72
50+50	2	Mid	24999.96	CP-OFDM	QPSK	V	55	SISO	1 / 16	19.32
		Mid	24999.96	CP-OFDM	16QAM	V	55	SISO	32 / 0	19.25
		Mid	24999.96	CP-OFDM	64QAM	V	55	SISO	32 / 0	17.24
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	32 / 0	19.09
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55	SISO	1 / 16	19.12
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55	SISO	32 / 0	19.08
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55	SISO	32 / 0	18.08
		Mid	24999.96	CP-OFDM	QPSK	V	55	MIMO	1 / 16	20.93
		Mid	24999.96	CP-OFDM	16QAM	V	55	MIMO	1 / 16	20.65
		Mid	24999.96	CP-OFDM	64QAM	V	55	MIMO	1 / 16	18.74
		Low	24800.10	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.73
		Low	24800.10	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.95
		Low	24800.10	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	22.56
		Low	24800.10	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.53
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.26
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.49
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	20.88
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	20.41
		High	25199.94	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.39
		High	25199.94	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.53
		High	25199.94	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.92
		High	25199.94	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.20
50+50+50	3	Mid	24999.96	CP-OFDM	QPSK	V	55	SISO	32 / 0	19.45
		Mid	24999.96	CP-OFDM	16QAM	V	55	SISO	32 / 0	18.41
		Mid	24999.96	CP-OFDM	64QAM	V	55	SISO	1 / 16	16.45
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	32 / 0	19.22
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55	SISO	1 / 16	19.22
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55	SISO	1 / 16	19.23
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55	SISO	32 / 0	17.92
		Mid	24999.96	CP-OFDM	QPSK	V	55	MIMO	1 / 16	21.17
		Mid	24999.96	CP-OFDM	16QAM	V	55	MIMO	1 / 16	20.65
		Mid	24999.96	CP-OFDM	64QAM	V	55	MIMO	1 / 16	18.71
		Low	24825.12	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	23.05
		Low	24825.12	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	23.16
		Low	24825.12	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	22.88
		Low	24825.12	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.73
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.43
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.70
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.42
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	20.16
		High	25174.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.82
		High	25174.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	23.06
		High	25174.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	22.75
		High	25174.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.56
50+50+50+50	4	Mid	24999.96	CP-OFDM	QPSK	V	55	SISO	1 / 16	18.71
		Mid	24999.96	CP-OFDM	16QAM	V	55	SISO	32 / 0	18.64
		Mid	24999.96	CP-OFDM	64QAM	V	55	SISO	32 / 0	16.57
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	32 / 0	18.61
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55	SISO	1 / 16	18.63
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55	SISO	32 / 0	18.63
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55	SISO	1 / 16	17.72
		Mid	24999.96	CP-OFDM	QPSK	V	55	MIMO	1 / 16	21.07
		Mid	24999.96	CP-OFDM	16QAM	V	55	MIMO	1 / 16	20.81
		Mid	24999.96	CP-OFDM	64QAM	V	55	MIMO	1 / 16	18.99
		Low	24850.14	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.25
		Low	24850.14	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.52
		Low	24850.14	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	22.41
		Low	24850.14	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.48
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.23
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	21.66
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.29
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	20.57
		High	25149.90	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.55
		High	25149.90	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 16	22.62
		High	25149.90	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 16	22.68
		High	25149.90	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 16	21.86

Table 7-36. Ant M3 EIRP Data (Band n258-R2 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 266 of 999

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
100	1	Mid	24999.96	CP-OFDM	QPSK	V	55	SISO	1 / 32	23.36
		Mid	24999.96	CP-OFDM	16QAM	V	55	SISO	1 / 32	22.31
		Mid	24999.96	CP-OFDM	64QAM	V	55	SISO	1 / 32	20.36
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	1 / 32	26.17
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55	SISO	1 / 32	26.18
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55	SISO	1 / 32	23.92
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55	SISO	1 / 32	22.26
		Mid	24999.96	CP-OFDM	QPSK	V	55	MIMO	1 / 32	25.00
		Mid	24999.96	CP-OFDM	16QAM	V	55	MIMO	1 / 32	24.17
		Mid	24999.96	CP-OFDM	64QAM	V	55	MIMO	1 / 32	22.02
		Low	24775.08	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	64 / 0	30.87
		Low	24775.08	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	30.49
		Low	24775.08	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	27.90
		Low	24775.08	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	26.37
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	30.12
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	30.52
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	27.78
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	26.13
		High	25224.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	29.75
		High	25224.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	29.87
		High	25224.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	27.49
		High	25224.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	25.96
100+100	2	Mid	24999.96	CP-OFDM	QPSK	V	55	SISO	1 / 32	19.47
		Mid	24999.96	CP-OFDM	16QAM	V	55	SISO	64 / 0	19.37
		Mid	24999.96	CP-OFDM	64QAM	V	55	SISO	64 / 0	17.40
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	1 / 32	19.21
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55	SISO	1 / 32	19.22
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55	SISO	64 / 0	19.19
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55	SISO	64 / 0	18.13
		Mid	24999.96	CP-OFDM	QPSK	V	55	MIMO	1 / 32	21.13
		Mid	24999.96	CP-OFDM	16QAM	V	55	MIMO	1 / 32	20.96
		Mid	24999.96	CP-OFDM	64QAM	V	55	MIMO	1 / 32	18.73
		Low	24800.10	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	22.37
		Low	24800.10	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	22.53
		Low	24800.10	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	22.16
		Low	24800.10	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	21.34
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	21.49
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	21.51
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	21.10
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	20.58
		High	25199.94	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	22.62
		High	25199.94	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	22.63
		High	25199.94	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	22.30
		High	25199.94	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	21.46
100+100+100	3	Mid	24999.96	CP-OFDM	QPSK	V	55	SISO	1 / 32	18.94
		Mid	24999.96	CP-OFDM	16QAM	V	55	SISO	64 / 0	18.62
		Mid	24999.96	CP-OFDM	64QAM	V	55	SISO	1 / 32	16.56
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	64 / 0	20.37
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55	SISO	64 / 0	19.37
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55	SISO	64 / 0	19.41
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55	SISO	64 / 0	18.12
		Mid	24999.96	CP-OFDM	QPSK	V	55	MIMO	64 / 0	20.79
		Mid	24999.96	CP-OFDM	16QAM	V	55	MIMO	64 / 0	20.48
		Mid	24999.96	CP-OFDM	64QAM	V	55	MIMO	64 / 0	18.42
		Low	24825.12	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	22.77
		Low	24825.12	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	64 / 0	21.81
		Low	24825.12	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	22.73
		Low	24825.12	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	20.46
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	64 / 0	21.23
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	64 / 0	21.16
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	64 / 0	21.17
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	64 / 0	19.87
		High	25174.92	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	22.70
		High	25174.92	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	22.86
		High	25174.92	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	22.49
		High	25174.92	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	21.55
100+100+100+100	4	Mid	24999.96	CP-OFDM	QPSK	V	55	SISO	1 / 32	18.45
		Mid	24999.96	CP-OFDM	16QAM	V	55	SISO	64 / 0	18.39
		Mid	24999.96	CP-OFDM	64QAM	V	55	SISO	1 / 32	16.42
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55	SISO	64 / 0	18.41
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55	SISO	1 / 32	18.46
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55	SISO	64 / 0	18.42
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55	SISO	1 / 32	17.48
		Mid	24999.96	CP-OFDM	QPSK	V	55	MIMO	64 / 0	20.56
		Mid	24999.96	CP-OFDM	16QAM	V	55	MIMO	64 / 0	20.58
		Mid	24999.96	CP-OFDM	64QAM	V	55	MIMO	1 / 32	18.53
		Low	24850.14	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	64 / 0	21.53
		Low	24850.14	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	64 / 0	21.53
		Low	24850.14	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	22.48
		Low	24850.14	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	64 / 0	20.34
		Mid	24999.96	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	1 / 32	21.50
		Mid	24999.96	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	21.70
		Mid	24999.96	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	1 / 32	21.28
		Mid	24999.96	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	20.68
		High	25149.90	DFT-s-OFDM	$\pi/2$ BPSK	V	55 + 183	SISO Dual Pol	64 / 0	21.80
		High	25149.90	DFT-s-OFDM	QPSK	V	55 + 183	SISO Dual Pol	1 / 32	22.63
		High	25149.90	DFT-s-OFDM	16QAM	V	55 + 183	SISO Dual Pol	64 / 0	21.80
		High	25149.90	DFT-s-OFDM	64QAM	V	55 + 183	SISO Dual Pol	1 / 32	21.67

Table 7-37. Ant M3 EIRP Data (Band n258-R2 – 100MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 267 of 999	

7.3.7 Band n261 – Ant M0

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Waveform	Modulation	Beam Polarization	Beam ID	Antenna Diversity	RB Size/Offset	EIRP [dBm]
50	1	Mid	27924.96	CP-OFDM	QPSK	H	46	SISO	1 / 16	24.20
		Mid	27924.96	CP-OFDM	16QAM	H	46	SISO	1 / 16	23.10
		Mid	27924.96	CP-OFDM	64QAM	H	46	SISO	1 / 16	21.27
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46	SISO	1 / 16	29.48
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46	SISO	32 / 0	29.41
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46	SISO	1 / 16	23.52
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46	SISO	1 / 16	21.93
		Mid	27924.96	CP-OFDM	QPSK	H	46	MIMO	32 / 0	26.32
		Mid	27924.96	CP-OFDM	16QAM	H	46	MIMO	32 / 0	25.43
		Mid	27924.96	CP-OFDM	64QAM	H	46	MIMO	1 / 0	22.81
		Low	27525.00	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	32.56
		Low	27525.00	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	32.97
		Low	27525.00	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	30.55
		Low	27525.00	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	28.92
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	34.66
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	34.50
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	32.19
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	30.51
		High	28324.92	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	33.75
		High	28324.92	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	32.08
		High	28324.92	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	31.27
		High	28324.92	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	29.54
50+50	2	Mid	27924.96	CP-OFDM	QPSK	H	46	SISO	32 / 0	17.32
		Mid	27924.96	CP-OFDM	16QAM	H	46	SISO	32 / 0	17.35
		Mid	27924.96	CP-OFDM	64QAM	H	46	SISO	32 / 0	15.58
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46	SISO	32 / 0	17.71
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46	SISO	1 / 16	17.81
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46	SISO	32 / 0	17.76
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46	SISO	1 / 16	16.80
		Mid	27924.96	CP-OFDM	QPSK	H	46	MIMO	1 / 16	22.88
		Mid	27924.96	CP-OFDM	16QAM	H	46	MIMO	1 / 16	22.78
		Mid	27924.96	CP-OFDM	64QAM	H	46	MIMO	1 / 16	21.32
		Low	27550.02	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 31	25.10
		Low	27550.02	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 31	25.23
		Low	27550.02	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 31	24.71
		Low	27550.02	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 31	24.04
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	21.77
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	22.01
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	21.75
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	21.89
		High	28299.90	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	23.95
		High	28299.90	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	23.69
		High	28299.90	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	23.40
		High	28299.90	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	23.14
50+50+50	3	Mid	27924.96	CP-OFDM	QPSK	H	46	SISO	1 / 16	20.27
		Mid	27924.96	CP-OFDM	16QAM	H	46	SISO	32 / 0	19.87
		Mid	27924.96	CP-OFDM	64QAM	H	46	SISO	1 / 16	18.04
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46	SISO	1 / 16	20.16
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46	SISO	32 / 0	20.17
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46	SISO	32 / 0	20.21
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46	SISO	1 / 16	18.88
		Mid	27924.96	CP-OFDM	QPSK	H	46	MIMO	1 / 16	26.05
		Mid	27924.96	CP-OFDM	16QAM	H	46	MIMO	1 / 16	25.63
		Mid	27924.96	CP-OFDM	64QAM	H	46	MIMO	1 / 16	23.96
		Low	27575.04	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	24.78
		Low	27575.04	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	24.93
		Low	27575.04	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	24.57
		Low	27575.04	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	23.73
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	26.10
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	25.77
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	25.62
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	24.41
		High	28274.88	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	24.69
		High	28274.88	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	24.72
		High	28274.88	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	24.26
		High	28274.88	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	22.97
50+50+50+50	4	Mid	27924.96	CP-OFDM	QPSK	H	46	SISO	32 / 0	19.85
		Mid	27924.96	CP-OFDM	16QAM	H	46	SISO	32 / 0	19.85
		Mid	27924.96	CP-OFDM	64QAM	H	46	SISO	32 / 0	18.00
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46	SISO	32 / 0	19.92
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46	SISO	32 / 0	19.94
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46	SISO	32 / 0	19.86
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46	SISO	1 / 16	18.95
		Mid	27924.96	CP-OFDM	QPSK	H	46	MIMO	1 / 16	25.88
		Mid	27924.96	CP-OFDM	16QAM	H	46	MIMO	1 / 16	24.94
		Mid	27924.96	CP-OFDM	64QAM	H	46	MIMO	1 / 16	23.94
		Low	27600.06	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	24.82
		Low	27600.06	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	24.34
		Low	27600.06	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	24.69
		Low	27600.06	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	23.90
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	25.05
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	25.16
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	25.53
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	24.12
		High	28249.86	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 16	24.21
		High	28249.86	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 16	24.53
		High	28249.86	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 16	24.31
		High	28249.86	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 16	23.48

Table 7-38. Ant M0 EIRP Data (Band n261 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 268 of 999

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
100	1	Mid	27924.96	CP-OFDM	QPSK	H	46	SISO	1 / 32	24.21
		Mid	27924.96	CP-OFDM	16QAM	H	46	SISO	1 / 32	23.01
		Mid	27924.96	CP-OFDM	64QAM	H	46	SISO	1 / 32	21.25
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46	SISO	1 / 32	25.22
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46	SISO	1 / 32	25.19
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46	SISO	1 / 32	22.81
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46	SISO	1 / 32	21.37
		Mid	27924.96	CP-OFDM	QPSK	H	46	MIMO	1 / 65	27.27
		Mid	27924.96	CP-OFDM	16QAM	H	46	MIMO	1 / 65	26.54
		Mid	27924.96	CP-OFDM	64QAM	H	46	MIMO	1 / 65	23.53
		Low	27550.08	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	64 / 0	32.58
		Low	27550.08	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 32	30.57
		Low	27550.08	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 32	30.53
		Low	27550.08	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 32	27.60
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 32	32.00
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 32	33.71
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 32	31.20
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 32	26.51
		High	28299.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 32	31.67
		High	28299.96	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 32	31.82
		High	28299.96	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 32	30.60
		High	28299.96	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 32	27.61
100+100	2	Mid	27924.96	CP-OFDM	QPSK	H	46	SISO	1 / 32	20.12
		Mid	27924.96	CP-OFDM	16QAM	H	46	SISO	64 / 0	19.99
		Mid	27924.96	CP-OFDM	64QAM	H	46	SISO	1 / 32	18.22
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46	SISO	1 / 32	20.06
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46	SISO	1 / 32	20.11
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46	SISO	64 / 0	19.99
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46	SISO	1 / 32	19.08
		Mid	27924.96	CP-OFDM	QPSK	H	46	MIMO	1 / 32	25.99
		Mid	27924.96	CP-OFDM	16QAM	H	46	MIMO	1 / 32	25.37
		Mid	27924.96	CP-OFDM	64QAM	H	46	MIMO	1 / 32	24.04
		Low	27600.12	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 32	25.19
		Low	27600.12	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 32	25.31
		Low	27600.12	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 32	24.98
		Low	27600.12	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 32	24.25
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 32	25.93
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 32	26.02
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 32	25.65
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 32	24.91
		High	28249.92	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	1 / 32	24.45
		High	28249.92	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 32	24.52
		High	28249.92	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 32	24.20
		High	28249.92	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 32	23.49
100+100+100	3	Mid	27924.96	CP-OFDM	QPSK	H	46	SISO	1 / 32	20.15
		Mid	27924.96	CP-OFDM	16QAM	H	46	SISO	64 / 0	19.82
		Mid	27924.96	CP-OFDM	64QAM	H	46	SISO	64 / 0	18.00
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46	SISO	64 / 0	20.12
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46	SISO	64 / 0	20.14
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46	SISO	64 / 0	20.12
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46	SISO	1 / 32	18.71
		Mid	27924.96	CP-OFDM	QPSK	H	46	MIMO	64 / 0	22.58
		Mid	27924.96	CP-OFDM	16QAM	H	46	MIMO	64 / 0	22.26
		Mid	27924.96	CP-OFDM	64QAM	H	46	MIMO	1 / 32	23.93
		Low	27650.16	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	64 / 0	21.79
		Low	27650.16	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	64 / 0	21.85
		Low	27650.16	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	64 / 0	21.79
		Low	27650.16	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	64 / 0	20.47
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	64 / 0	22.61
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	64 / 0	22.60
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	64 / 0	22.60
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	1 / 32	24.68
		High	28199.88	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	64 / 0	21.26
		High	28199.88	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	64 / 0	21.29
		High	28199.88	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	64 / 0	21.18
		High	28199.88	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	64 / 0	19.88
100+100+100+100	4	Mid	27924.96	CP-OFDM	QPSK	H	46	SISO	1 / 32	19.96
		Mid	27924.96	CP-OFDM	16QAM	H	46	SISO	64 / 0	19.93
		Mid	27924.96	CP-OFDM	64QAM	H	46	SISO	1 / 32	18.05
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46	SISO	1 / 32	19.86
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46	SISO	1 / 32	19.88
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46	SISO	64 / 0	19.83
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46	SISO	1 / 32	18.90
		Mid	27924.96	CP-OFDM	QPSK	H	46	MIMO	64 / 0	22.32
		Mid	27924.96	CP-OFDM	16QAM	H	46	MIMO	1 / 32	25.57
		Mid	27924.96	CP-OFDM	64QAM	H	46	MIMO	64 / 0	20.41
		Low	27700.20	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	64 / 0	21.47
		Low	27700.20	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	64 / 0	21.50
		Low	27700.20	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	64 / 0	21.58
		Low	27700.20	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	64 / 0	20.49
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	64 / 0	22.45
		Mid	27924.96	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	64 / 0	22.39
		Mid	27924.96	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	1 / 32	25.54
		Mid	27924.96	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	64 / 0	21.28
		High	28149.84	DFT-s-OFDM	$\pi/2$ BPSK	H	46 + 174	SISO Dual Pol	64 / 0	20.93
		High	28149.84	DFT-s-OFDM	QPSK	H	46 + 174	SISO Dual Pol	1 / 32	23.81
		High	28149.84	DFT-s-OFDM	16QAM	H	46 + 174	SISO Dual Pol	64 / 0	20.97
		High	28149.84	DFT-s-OFDM	64QAM	H	46 + 174	SISO Dual Pol	64 / 0	19.96

Table 7-39. Ant M0 EIRP Data (Band n261 – 100MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 269 of 999

7.3.8 Band n261 – Ant M2

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	27924.96	CP-OFDM	QPSK	H	50	SISO	1 / 16	21.98
		Mid	27924.96	CP-OFDM	16QAM	H	50	SISO	1 / 16	20.89
		Mid	27924.96	CP-OFDM	64QAM	H	50	SISO	1 / 16	19.03
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	1 / 16	24.85
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 16	25.08
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50	SISO	1 / 16	22.60
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 16	21.07
		Mid	27924.96	CP-OFDM	QPSK	H	50	MIMO	1 / 16	27.39
		Mid	27924.96	CP-OFDM	16QAM	H	50	MIMO	1 / 16	26.20
		Mid	27924.96	CP-OFDM	64QAM	H	50	MIMO	1 / 16	24.44
		Low	27525.00	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	28.00
		Low	27525.00	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	28.00
		Low	27525.00	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	25.63
		Low	27525.00	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	19.61
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	30.50
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	30.58
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	27.94
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	26.60
		High	28324.92	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	29.55
		High	28324.92	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	29.57
		High	28324.92	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	26.23
		High	28324.92	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	24.77
50+50	2	Mid	27924.96	CP-OFDM	QPSK	H	50	SISO	32 / 0	10.36
		Mid	27924.96	CP-OFDM	16QAM	H	50	SISO	32 / 0	10.42
		Mid	27924.96	CP-OFDM	64QAM	H	50	SISO	1 / 16	8.54
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	32 / 0	10.76
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50	SISO	32 / 0	10.82
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50	SISO	32 / 0	10.82
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 16	9.74
		Mid	27924.96	CP-OFDM	QPSK	H	50	MIMO	1 / 16	18.73
		Mid	27924.96	CP-OFDM	16QAM	H	50	MIMO	1 / 16	18.65
		Mid	27924.96	CP-OFDM	64QAM	H	50	MIMO	1 / 16	16.82
		Low	27550.02	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	15.69
		Low	27550.02	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	15.70
		Low	27550.02	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	15.69
		Low	27550.02	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	14.82
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	17.91
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	18.20
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	17.94
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	17.45
		High	28299.90	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	18.59
		High	28299.90	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	19.12
		High	28299.90	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	18.73
		High	28299.90	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	18.17
50+50+50	3	Mid	27924.96	CP-OFDM	QPSK	H	50	SISO	1 / 16	13.95
		Mid	27924.96	CP-OFDM	16QAM	H	50	SISO	32 / 0	13.50
		Mid	27924.96	CP-OFDM	64QAM	H	50	SISO	1 / 16	11.68
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	32 / 0	13.90
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 16	13.89
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50	SISO	32 / 0	13.89
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50	SISO	32 / 0	12.57
		Mid	27924.96	CP-OFDM	QPSK	H	50	MIMO	1 / 16	22.38
		Mid	27924.96	CP-OFDM	16QAM	H	50	MIMO	1 / 16	21.67
		Mid	27924.96	CP-OFDM	64QAM	H	50	MIMO	1 / 16	20.17
		Low	27575.04	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	21.34
		Low	27575.04	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	21.78
		Low	27575.04	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	21.29
		Low	27575.04	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	20.35
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.10
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.39
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	22.14
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	21.09
		High	28274.88	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.79
		High	28274.88	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.71
		High	28274.88	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	22.67
		High	28274.88	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	21.41
50+50+50+50	4	Mid	27924.96	CP-OFDM	QPSK	H	50	SISO	32 / 0	13.82
		Mid	27924.96	CP-OFDM	16QAM	H	50	SISO	32 / 0	13.74
		Mid	27924.96	CP-OFDM	64QAM	H	50	SISO	32 / 0	11.89
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	32 / 0	13.81
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50	SISO	32 / 0	13.81
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50	SISO	32 / 0	13.79
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50	SISO	32 / 0	12.80
		Mid	27924.96	CP-OFDM	QPSK	H	50	MIMO	1 / 16	21.58
		Mid	27924.96	CP-OFDM	16QAM	H	50	MIMO	1 / 16	21.89
		Mid	27924.96	CP-OFDM	64QAM	H	50	MIMO	1 / 16	20.18
		Low	27600.06	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	21.40
		Low	27600.06	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	20.96
		Low	27600.06	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	20.76
		Low	27600.06	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	20.52
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	21.46
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.02
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	21.93
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	21.00
		High	28249.86	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	21.80
		High	28249.86	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.32
		High	28249.86	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	22.13
		High	28249.86	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	21.34

Table 7-40. Ant M2 EIRP Data (Band n261 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 270 of 999	

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
100	1	Mid	27924.96	CP-OFDM	QPSK	H	50	SISO	1 / 32	21.85
		Mid	27924.96	CP-OFDM	16QAM	H	50	SISO	1 / 32	20.92
		Mid	27924.96	CP-OFDM	64QAM	H	50	SISO	1 / 32	19.03
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	1 / 32	24.55
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 32	24.70
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50	SISO	1 / 32	23.85
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 32	19.89
		Mid	27924.96	CP-OFDM	QPSK	H	50	MIMO	1 / 32	27.28
		Mid	27924.96	CP-OFDM	16QAM	H	50	MIMO	1 / 32	26.27
		Mid	27924.96	CP-OFDM	64QAM	H	50	MIMO	1 / 32	24.37
		Low	27550.08	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	28.72
		Low	27550.08	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	28.83
		Low	27550.08	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	26.35
		Low	27550.08	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	24.71
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	30.49
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	30.50
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	28.04
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	26.51
		High	28299.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	29.82
		High	28299.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	29.99
		High	28299.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	26.17
		High	28299.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	24.59
100+100	2	Mid	27924.96	CP-OFDM	QPSK	H	50	SISO	1 / 32	13.65
		Mid	27924.96	CP-OFDM	16QAM	H	50	SISO	64 / 0	13.56
		Mid	27924.96	CP-OFDM	64QAM	H	50	SISO	1 / 32	11.71
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	64 / 0	13.56
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 32	13.69
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50	SISO	64 / 0	13.51
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50	SISO	64 / 0	12.52
		Mid	27924.96	CP-OFDM	QPSK	H	50	MIMO	1 / 32	22.26
		Mid	27924.96	CP-OFDM	16QAM	H	50	MIMO	1 / 32	22.13
		Mid	27924.96	CP-OFDM	64QAM	H	50	MIMO	1 / 32	20.30
		Low	27600.12	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	21.57
		Low	27600.12	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	21.19
		Low	27600.12	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.16
		Low	27600.12	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	20.52
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	21.79
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.29
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.97
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	20.76
		High	28249.92	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.34
		High	28249.92	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.17
		High	28249.92	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.84
		High	28249.92	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.03
100+100+100	3	Mid	27924.96	CP-OFDM	QPSK	H	50	SISO	64 / 0	13.94
		Mid	27924.96	CP-OFDM	16QAM	H	50	SISO	64 / 0	13.60
		Mid	27924.96	CP-OFDM	64QAM	H	50	SISO	64 / 0	11.78
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	64 / 0	13.96
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 32	13.93
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50	SISO	64 / 0	13.91
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 32	12.62
		Mid	27924.96	CP-OFDM	QPSK	H	50	MIMO	64 / 0	19.43
		Mid	27924.96	CP-OFDM	16QAM	H	50	MIMO	64 / 0	19.18
		Mid	27924.96	CP-OFDM	64QAM	H	50	MIMO	64 / 0	17.21
		Low	27650.16	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	64 / 0	18.73
		Low	27650.16	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	64 / 0	18.77
		Low	27650.16	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	64 / 0	18.75
		Low	27650.16	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	20.47
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	64 / 0	19.44
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	64 / 0	19.45
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	64 / 0	19.45
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	20.97
		High	28199.88	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	64 / 0	19.68
		High	28199.88	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.51
		High	28199.88	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	22.43
		High	28199.88	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.21
100+100+100+100	4	Mid	27924.96	CP-OFDM	QPSK	H	50	SISO	1 / 32	13.93
		Mid	27924.96	CP-OFDM	16QAM	H	50	SISO	64 / 0	13.81
		Mid	27924.96	CP-OFDM	64QAM	H	50	SISO	1 / 32	12.09
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	64 / 0	13.85
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 32	13.93
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50	SISO	64 / 0	13.81
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 32	12.93
		Mid	27924.96	CP-OFDM	QPSK	H	50	MIMO	1 / 32	22.04
		Mid	27924.96	CP-OFDM	16QAM	H	50	MIMO	1 / 32	21.86
		Mid	27924.96	CP-OFDM	64QAM	H	50	MIMO	64 / 0	17.31
		Low	27700.20	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	64 / 0	18.62
		Low	27700.20	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	64 / 0	18.61
		Low	27700.20	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	64 / 0	18.60
		Low	27700.20	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	64 / 0	17.60
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	21.97
		Mid	27924.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.02
		Mid	27924.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	64 / 0	19.28
		Mid	27924.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.10
		High	28149.84	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	64 / 0	19.51
		High	28149.84	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	64 / 0	19.44
		High	28149.84	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	22.14
		High	28149.84	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	64 / 0	18.43

Table 7-41. Ant M2 EIRP Data (Band n261 – 100MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 271 of 999

7.3.9 Band n261 – Ant M3

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	27924.96	CP-OFDM	QPSK	V	54	SISO	1 / 16	24.09
		Mid	27924.96	CP-OFDM	16QAM	V	54	SISO	1 / 16	22.99
		Mid	27924.96	CP-OFDM	64QAM	V	54	SISO	1 / 16	21.13
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54	SISO	1 / 16	27.30
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54	SISO	1 / 16	27.31
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54	SISO	1 / 16	25.10
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54	SISO	1 / 16	23.12
		Mid	27924.96	CP-OFDM	QPSK	V	54	MIMO	1 / 16	25.67
		Mid	27924.96	CP-OFDM	16QAM	V	54	MIMO	1 / 31	22.22
		Mid	27924.96	CP-OFDM	64QAM	V	54	MIMO	1 / 31	19.82
		Low	27525.00	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	32 / 0	27.42
		Low	27525.00	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	32 / 0	27.50
		Low	27525.00	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	32 / 0	25.81
		Low	27525.00	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	32 / 0	23.72
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	32 / 0	27.23
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	32 / 0	27.11
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	32 / 0	25.49
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	32 / 0	23.61
		High	28324.92	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	32 / 0	26.26
		High	28324.92	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 16	26.83
		High	28324.92	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	32 / 0	24.71
		High	28324.92	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	32 / 0	22.77
50+50	2	Mid	27924.96	CP-OFDM	QPSK	V	54	SISO	1 / 16	11.63
		Mid	27924.96	CP-OFDM	16QAM	V	54	SISO	32 / 0	11.72
		Mid	27924.96	CP-OFDM	64QAM	V	54	SISO	1 / 16	9.65
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54	SISO	1 / 16	11.68
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54	SISO	32 / 0	11.87
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54	SISO	32 / 0	11.78
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54	SISO	32 / 0	10.86
		Mid	27924.96	CP-OFDM	QPSK	V	54	MIMO	1 / 16	20.53
		Mid	27924.96	CP-OFDM	16QAM	V	54	MIMO	1 / 16	20.57
		Mid	27924.96	CP-OFDM	64QAM	V	54	MIMO	1 / 16	18.40
		Low	27550.02	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 16	18.98
		Low	27550.02	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 16	19.18
		Low	27550.02	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 16	18.76
		Low	27550.02	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 16	18.05
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 16	20.32
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 16	20.47
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 16	20.18
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 16	19.42
		High	28299.90	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	32 / 0	19.30
		High	28299.90	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	32 / 0	19.39
		High	28299.90	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	32 / 0	19.30
		High	28299.90	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	32 / 0	18.29
50+50+50	3	Mid	27924.96	CP-OFDM	QPSK	V	54	SISO	1 / 16	13.63
		Mid	27924.96	CP-OFDM	16QAM	V	54	SISO	32 / 0	13.24
		Mid	27924.96	CP-OFDM	64QAM	V	54	SISO	1 / 16	11.33
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54	SISO	1 / 16	13.55
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54	SISO	32 / 0	13.60
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54	SISO	32 / 0	13.60
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54	SISO	32 / 0	12.30
		Mid	27924.96	CP-OFDM	QPSK	V	54	MIMO	1 / 16	22.56
		Mid	27924.96	CP-OFDM	16QAM	V	54	MIMO	1 / 16	22.10
		Mid	27924.96	CP-OFDM	64QAM	V	54	MIMO	1 / 16	20.22
		Low	27575.04	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 16	20.70
		Low	27575.04	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 16	21.01
		Low	27575.04	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 16	20.76
		Low	27575.04	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 16	19.55
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 16	22.45
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 16	22.57
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 16	22.41
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 16	21.16
		High	28274.88	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	32 / 0	21.02
		High	28274.88	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	32 / 0	21.00
		High	28274.88	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	32 / 0	21.00
		High	28274.88	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	32 / 0	19.71
50+50+50+50	4	Mid	27924.96	CP-OFDM	QPSK	V	54	SISO	1 / 16	13.27
		Mid	27924.96	CP-OFDM	16QAM	V	54	SISO	32 / 0	13.29
		Mid	27924.96	CP-OFDM	64QAM	V	54	SISO	32 / 0	11.32
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54	SISO	32 / 0	13.32
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54	SISO	32 / 0	13.32
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54	SISO	32 / 0	13.28
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54	SISO	32 / 0	12.30
		Mid	27924.96	CP-OFDM	QPSK	V	54	MIMO	1 / 16	22.21
		Mid	27924.96	CP-OFDM	16QAM	V	54	MIMO	1 / 16	21.98
		Mid	27924.96	CP-OFDM	64QAM	V	54	MIMO	1 / 16	20.07
		Low	27600.06	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 16	20.50
		Low	27600.06	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 16	20.48
		Low	27600.06	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 16	20.40
		Low	27600.06	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 16	19.43
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 16	21.89
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 16	22.05
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 16	21.93
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 16	21.03
		High	28249.86	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	32 / 0	20.63
		High	28249.86	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	32 / 0	20.63
		High	28249.86	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	32 / 0	20.60
		High	28249.86	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	32 / 0	19.59

Table 7-42. Ant M3 EIRP Data (Band n261 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 272 of 999

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
100	1	Mid	27924.96	CP-OFDM	QPSK	V	54	SISO	1 / 32	15.59
		Mid	27924.96	CP-OFDM	16QAM	V	54	SISO	1 / 32	14.61
		Mid	27924.96	CP-OFDM	64QAM	V	54	SISO	1 / 32	12.87
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54	SISO	1 / 32	18.81
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54	SISO	1 / 32	18.89
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54	SISO	1 / 32	16.52
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54	SISO	1 / 32	14.99
		Mid	27924.96	CP-OFDM	QPSK	V	54	MIMO	1 / 32	24.80
		Mid	27924.96	CP-OFDM	16QAM	V	54	MIMO	1 / 32	23.86
		Mid	27924.96	CP-OFDM	64QAM	V	54	MIMO	1 / 32	21.95
		Low	27550.08	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 32	25.78
		Low	27550.08	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 32	26.09
		Low	27550.08	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 32	23.69
		Low	27550.08	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 32	21.96
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 32	27.47
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 32	27.72
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 32	25.40
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 32	23.80
		High	28299.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 32	25.64
		High	28299.96	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 32	26.16
		High	28299.96	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 32	23.57
		High	28299.96	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 32	21.91
100+100	2	Mid	27924.96	CP-OFDM	QPSK	V	54	SISO	1 / 32	13.40
		Mid	27924.96	CP-OFDM	16QAM	V	54	SISO	64 / 0	13.22
		Mid	27924.96	CP-OFDM	64QAM	V	54	SISO	1 / 32	11.42
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54	SISO	1 / 32	13.32
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54	SISO	1 / 32	13.37
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54	SISO	64 / 0	13.28
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54	SISO	1 / 32	12.38
		Mid	27924.96	CP-OFDM	QPSK	V	54	MIMO	1 / 32	22.35
		Mid	27924.96	CP-OFDM	16QAM	V	54	MIMO	1 / 32	22.16
		Mid	27924.96	CP-OFDM	64QAM	V	54	MIMO	1 / 32	20.25
		Low	27600.12	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 32	20.43
		Low	27600.12	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 32	20.62
		Low	27600.12	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	64 / 0	20.31
		Low	27600.12	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 32	19.60
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 32	22.28
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 32	22.40
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 32	21.92
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 32	21.12
		High	28249.92	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	64 / 0	20.80
		High	28249.92	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	64 / 0	20.78
		High	28249.92	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	64 / 0	20.80
		High	28249.92	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	64 / 0	19.76
100+100+100	3	Mid	27924.96	CP-OFDM	QPSK	V	54	SISO	1 / 32	13.45
		Mid	27924.96	CP-OFDM	16QAM	V	54	SISO	64 / 0	13.13
		Mid	27924.96	CP-OFDM	64QAM	V	54	SISO	1 / 32	11.22
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54	SISO	64 / 0	13.47
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54	SISO	1 / 32	13.43
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54	SISO	64 / 0	13.44
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54	SISO	64 / 0	12.20
		Mid	27924.96	CP-OFDM	QPSK	V	54	MIMO	1 / 32	21.57
		Mid	27924.96	CP-OFDM	16QAM	V	54	MIMO	64 / 0	21.16
		Mid	27924.96	CP-OFDM	64QAM	V	54	MIMO	1 / 32	19.21
		Low	27650.16	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 32	20.59
		Low	27650.16	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	64 / 0	20.44
		Low	27650.16	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	64 / 0	20.45
		Low	27650.16	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	64 / 0	19.09
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	64 / 0	21.50
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 32	22.34
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	64 / 0	21.51
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	64 / 0	20.23
		High	28199.88	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 32	21.14
		High	28199.88	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 32	21.16
		High	28199.88	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 32	21.17
		High	28199.88	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 32	19.85
100+100+100+100	4	Mid	27924.96	CP-OFDM	QPSK	V	54	SISO	1 / 32	13.33
		Mid	27924.96	CP-OFDM	16QAM	V	54	SISO	64 / 0	13.27
		Mid	27924.96	CP-OFDM	64QAM	V	54	SISO	1 / 32	11.48
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54	SISO	1 / 32	13.25
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54	SISO	1 / 32	13.34
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54	SISO	64 / 0	13.29
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54	SISO	1 / 32	12.42
		Mid	27924.96	CP-OFDM	QPSK	V	54	MIMO	1 / 32	22.20
		Mid	27924.96	CP-OFDM	16QAM	V	54	MIMO	1 / 32	22.04
		Mid	27924.96	CP-OFDM	64QAM	V	54	MIMO	1 / 32	20.18
		Low	27700.20	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	64 / 0	20.27
		Low	27700.20	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 32	20.26
		Low	27700.20	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 32	20.44
		Low	27700.20	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	64 / 0	19.25
		Mid	27924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	64 / 0	21.27
		Mid	27924.96	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	64 / 0	21.27
		Mid	27924.96	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	64 / 0	21.26
		Mid	27924.96	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	64 / 0	20.30
		High	28149.84	DFT-s-OFDM	$\pi/2$ BPSK	V	54 + 182	SISO Dual Pol	1 / 32	21.13
		High	28149.84	DFT-s-OFDM	QPSK	V	54 + 182	SISO Dual Pol	1 / 32	21.17
		High	28149.84	DFT-s-OFDM	16QAM	V	54 + 182	SISO Dual Pol	1 / 32	20.95
		High	28149.84	DFT-s-OFDM	64QAM	V	54 + 182	SISO Dual Pol	1 / 32	20.17

Table 7-43. Ant M3 EIRP Data (Band n261 – 100MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 273 of 999

7.3.10 Band n260 – Ant M0

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	38499.96	CP-OFDM	QPSK	V	47	SISO	1 / 16	19.41
		Mid	38499.96	CP-OFDM	16QAM	V	47	SISO	1 / 16	18.35
		Mid	38499.96	CP-OFDM	64QAM	V	47	SISO	1 / 16	16.37
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47	SISO	1 / 16	21.94
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47	SISO	1 / 16	22.21
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47	SISO	1 / 16	19.62
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47	SISO	1 / 16	17.92
		Mid	38499.96	CP-OFDM	QPSK	V	47	MIMO	32 / 0	22.73
		Mid	38499.96	CP-OFDM	16QAM	V	47	MIMO	1 / 16	24.16
		Mid	38499.96	CP-OFDM	64QAM	V	47	MIMO	1 / 16	22.18
		Low	37025.04	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 16	27.74
		Low	37025.04	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 16	27.92
		Low	37025.04	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 16	25.51
		Low	37025.04	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 0	26.77
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 16	27.01
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 16	27.15
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 16	24.72
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 16	22.94
		High	39975.00	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 16	26.18
		High	39975.00	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 16	26.38
		High	39975.00	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 16	23.74
		High	39975.00	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 16	22.19
50+50	2	Mid	38499.96	CP-OFDM	QPSK	V	47	SISO	1 / 16	15.87
		Mid	38499.96	CP-OFDM	16QAM	V	47	SISO	32 / 0	15.48
		Mid	38499.96	CP-OFDM	64QAM	V	47	SISO	32 / 0	13.72
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47	SISO	1 / 31	15.94
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47	SISO	1 / 31	16.03
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47	SISO	32 / 0	14.85
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47	SISO	1 / 31	14.18
		Mid	38499.96	CP-OFDM	QPSK	V	47	MIMO	1 / 16	21.37
		Mid	38499.96	CP-OFDM	16QAM	V	47	MIMO	1 / 31	20.67
		Mid	38499.96	CP-OFDM	64QAM	V	47	MIMO	1 / 31	18.87
		Low	37050.06	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 31	22.42
		Low	37050.06	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 31	22.61
		Low	37050.06	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 16	19.85
		Low	37050.06	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 16	19.00
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 31	22.09
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 31	21.90
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 31	20.04
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 31	20.01
		High	39949.98	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 0	18.38
		High	39949.98	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 31	18.62
		High	39949.98	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 0	18.35
		High	39949.98	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 0	17.53
50+50+50	3	Mid	38499.96	CP-OFDM	QPSK	V	47	SISO	1 / 16	15.85
		Mid	38499.96	CP-OFDM	16QAM	V	47	SISO	1 / 16	12.76
		Mid	38499.96	CP-OFDM	64QAM	V	47	SISO	1 / 16	12.93
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47	SISO	1 / 16	15.70
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47	SISO	1 / 16	15.73
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47	SISO	32 / 0	15.01
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47	SISO	1 / 16	14.63
		Mid	38499.96	CP-OFDM	QPSK	V	47	MIMO	1 / 16	21.97
		Mid	38499.96	CP-OFDM	16QAM	V	47	MIMO	1 / 16	20.84
		Mid	38499.96	CP-OFDM	64QAM	V	47	MIMO	1 / 16	18.94
		Low	37075.08	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 16	22.66
		Low	37075.08	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 16	23.23
		Low	37075.08	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 16	23.04
		Low	37075.08	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 16	22.14
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 31	21.81
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 31	21.93
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 16	20.17
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 16	19.44
		High	39924.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 0	18.56
		High	39924.96	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 16	18.88
		High	39924.96	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 0	18.24
		High	39924.96	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 31	17.82
50+50+50+50	4	Mid	38499.96	CP-OFDM	QPSK	V	47	SISO	1 / 16	15.99
		Mid	38499.96	CP-OFDM	16QAM	V	47	SISO	32 / 0	14.71
		Mid	38499.96	CP-OFDM	64QAM	V	47	SISO	1 / 16	13.17
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47	SISO	1 / 16	15.88
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47	SISO	1 / 16	15.96
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47	SISO	32 / 0	14.76
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47	SISO	1 / 16	14.57
		Mid	38499.96	CP-OFDM	QPSK	V	47	MIMO	1 / 16	20.79
		Mid	38499.96	CP-OFDM	16QAM	V	47	MIMO	1 / 16	20.50
		Mid	38499.96	CP-OFDM	64QAM	V	47	MIMO	1 / 31	18.79
		Low	37100.10	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 16	23.12
		Low	37100.10	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 16	23.62
		Low	37100.10	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 16	22.68
		Low	37100.10	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 16	22.66
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 16	21.86
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 16	22.16
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 0	18.80
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 16	19.87
		High	39899.94	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 16	19.00
		High	39899.94	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 16	18.82
		High	39899.94	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 31	18.48
		High	39899.94	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 31	17.78

Table 7-44. Ant M0 EIRP Data (Band n260 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 274 of 999

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	38499.96	CP-OFDM	QPSK	V	47	SISO	1 / 32	18.52
		Mid	38499.96	CP-OFDM	16QAM	V	47	SISO	1 / 32	17.43
		Mid	38499.96	CP-OFDM	64QAM	V	47	SISO	1 / 32	15.57
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47	SISO	1 / 32	22.04
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47	SISO	1 / 32	22.16
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47	SISO	1 / 32	19.70
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47	SISO	1 / 32	20.14
		Mid	38499.96	CP-OFDM	QPSK	V	47	MIMO	1 / 32	26.43
		Mid	38499.96	CP-OFDM	16QAM	V	47	MIMO	1 / 32	24.22
		Mid	38499.96	CP-OFDM	64QAM	V	47	MIMO	1 / 32	22.32
		Low	37050.00	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	26.45
		Low	37050.00	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 32	26.66
		Low	37050.00	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 32	28.82
		Low	37050.00	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 32	27.07
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	26.76
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 32	26.96
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 32	25.80
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 32	24.04
		High	39949.92	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	24.19
		High	39949.92	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 32	24.16
		High	39949.92	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 32	22.94
		High	39949.92	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 32	21.22
50+50	2	Mid	38499.96	CP-OFDM	QPSK	V	47	SISO	1 / 32	14.00
		Mid	38499.96	CP-OFDM	16QAM	V	47	SISO	1 / 32	14.93
		Mid	38499.96	CP-OFDM	64QAM	V	47	SISO	1 / 32	13.27
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47	SISO	1 / 32	15.46
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47	SISO	1 / 32	15.53
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47	SISO	64 / 0	15.22
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47	SISO	1 / 32	18.58
		Mid	38499.96	CP-OFDM	QPSK	V	47	MIMO	1 / 32	21.98
		Mid	38499.96	CP-OFDM	16QAM	V	47	MIMO	64 / 0	18.26
		Mid	38499.96	CP-OFDM	64QAM	V	47	MIMO	1 / 32	19.15
		Low	37100.04	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	23.08
		Low	37100.04	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 32	22.93
		Low	37100.04	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 32	23.21
		Low	37100.04	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 32	22.62
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	22.17
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 32	22.37
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 32	20.65
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 32	20.18
		High	39899.88	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	17.96
		High	39899.88	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 32	19.21
		High	39899.88	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 32	17.67
		High	39899.88	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 32	16.97
50+50+50	3	Mid	38499.96	CP-OFDM	QPSK	V	47	SISO	1 / 32	15.12
		Mid	38499.96	CP-OFDM	16QAM	V	47	SISO	1 / 32	14.82
		Mid	38499.96	CP-OFDM	64QAM	V	47	SISO	1 / 32	13.48
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47	SISO	1 / 32	14.93
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47	SISO	64 / 0	14.76
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47	SISO	64 / 0	14.74
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47	SISO	1 / 32	13.96
		Mid	38499.96	CP-OFDM	QPSK	V	47	MIMO	1 / 32	18.99
		Mid	38499.96	CP-OFDM	16QAM	V	47	MIMO	1 / 65	17.98
		Mid	38499.96	CP-OFDM	64QAM	V	47	MIMO	1 / 65	16.45
		Low	37150.08	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	23.08
		Low	37150.08	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 0	21.92
		Low	37150.08	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 0	21.18
		Low	37150.08	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 32	20.47
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	22.01
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 0	19.29
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 32	20.60
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 0	17.71
		High	39849.84	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	17.06
		High	39849.84	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 32	17.08
		High	39849.84	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 32	17.53
		High	39849.84	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 32	16.30
50+50+50+50	4	Mid	38499.96	CP-OFDM	QPSK	V	47	SISO	1 / 32	15.29
		Mid	38499.96	CP-OFDM	16QAM	V	47	SISO	1 / 32	15.02
		Mid	38499.96	CP-OFDM	64QAM	V	47	SISO	1 / 32	13.79
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47	SISO	1 / 32	14.87
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47	SISO	64 / 0	14.82
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47	SISO	64 / 0	14.83
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47	SISO	1 / 32	14.06
		Mid	38499.96	CP-OFDM	QPSK	V	47	MIMO	1 / 32	20.64
		Mid	38499.96	CP-OFDM	16QAM	V	47	MIMO	1 / 65	18.33
		Mid	38499.96	CP-OFDM	64QAM	V	47	MIMO	1 / 32	18.07
		Low	37200.12	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 0	22.07
		Low	37200.12	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 65	21.48
		Low	37200.12	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 0	18.10
		Low	37200.12	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	64 / 0	15.93
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	1 / 32	22.02
		Mid	38499.96	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 65	19.82
		Mid	38499.96	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 65	18.47
		Mid	38499.96	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 65	17.82
		High	39799.80	DFT-s-OFDM	$\pi/2$ BPSK	V	47 + 175	SISO Dual Pol	64 / 0	16.97
		High	39799.80	DFT-s-OFDM	QPSK	V	47 + 175	SISO Dual Pol	1 / 32	17.90
		High	39799.80	DFT-s-OFDM	16QAM	V	47 + 175	SISO Dual Pol	1 / 32	18.11
		High	39799.80	DFT-s-OFDM	64QAM	V	47 + 175	SISO Dual Pol	1 / 32	17.42

Table 7-45. Ant M0 EIRP Data (Band n260 – 100MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 275 of 999

7.3.11 Band n260 – Ant M2

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	38499.96	CP-OFDM	QPSK	H	50	SISO	1 / 0	22.31
		Mid	38499.96	CP-OFDM	16QAM	H	50	SISO	1 / 16	23.44
		Mid	38499.96	CP-OFDM	64QAM	H	50	SISO	1 / 16	21.44
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	1 / 16	27.74
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 16	27.73
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50	SISO	1 / 16	25.39
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 16	23.56
		Mid	38499.96	CP-OFDM	QPSK	H	50	MIMO	1 / 16	23.70
		Mid	38499.96	CP-OFDM	16QAM	H	50	MIMO	1 / 16	22.55
		Mid	38499.96	CP-OFDM	64QAM	H	50	MIMO	1 / 16	20.68
		Low	37025.04	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	30.23
		Low	37025.04	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	30.28
		Low	37025.04	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	27.79
		Low	37025.04	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	26.22
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	29.46
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	29.50
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	27.02
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	25.36
		High	39975.00	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	28.89
		High	39975.00	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	27.95
		High	39975.00	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	25.38
		High	39975.00	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	24.76
50+50	2	Mid	38499.96	CP-OFDM	QPSK	H	50	SISO	1 / 31	20.58
		Mid	38499.96	CP-OFDM	16QAM	H	50	SISO	32 / 0	20.21
		Mid	38499.96	CP-OFDM	64QAM	H	50	SISO	1 / 31	18.65
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	32 / 0	20.40
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50	SISO	32 / 0	20.44
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50	SISO	32 / 0	20.43
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50	SISO	32 / 0	19.49
		Mid	38499.96	CP-OFDM	QPSK	H	50	MIMO	32 / 0	20.31
		Mid	38499.96	CP-OFDM	16QAM	H	50	MIMO	32 / 0	20.19
		Mid	38499.96	CP-OFDM	64QAM	H	50	MIMO	32 / 0	18.44
		Low	37050.06	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 31	22.79
		Low	37050.06	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 31	22.91
		Low	37050.06	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 31	22.62
		Low	37050.06	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 31	21.99
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 31	22.23
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 31	22.77
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 31	21.95
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 31	21.42
		High	39949.98	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 0	21.64
		High	39949.98	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 31	21.77
		High	39949.98	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 0	21.54
		High	39949.98	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 0	20.84
50+50+50	3	Mid	38499.96	CP-OFDM	QPSK	H	50	SISO	1 / 16	20.31
		Mid	38499.96	CP-OFDM	16QAM	H	50	SISO	32 / 0	20.25
		Mid	38499.96	CP-OFDM	64QAM	H	50	SISO	1 / 31	18.38
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	32 / 0	20.39
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 16	20.43
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50	SISO	32 / 0	20.37
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 16	19.61
		Mid	38499.96	CP-OFDM	QPSK	H	50	MIMO	1 / 16	22.50
		Mid	38499.96	CP-OFDM	16QAM	H	50	MIMO	1 / 16	22.24
		Mid	38499.96	CP-OFDM	64QAM	H	50	MIMO	1 / 16	20.65
		Low	37075.08	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.67
		Low	37075.08	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.68
		Low	37075.08	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	22.51
		Low	37075.08	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	21.84
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 31	22.55
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 31	22.76
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 31	22.81
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 31	22.21
		High	39924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 0	22.10
		High	39924.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 0	22.09
		High	39924.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 0	22.15
		High	39924.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 0	21.35
50+50+50+50	4	Mid	38499.96	CP-OFDM	QPSK	H	50	SISO	1 / 0	20.34
		Mid	38499.96	CP-OFDM	16QAM	H	50	SISO	1 / 31	20.34
		Mid	38499.96	CP-OFDM	64QAM	H	50	SISO	1 / 31	18.75
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	32 / 0	20.56
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50	SISO	32 / 0	20.53
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50	SISO	32 / 0	20.54
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50	SISO	32 / 0	19.63
		Mid	38499.96	CP-OFDM	QPSK	H	50	MIMO	1 / 16	22.73
		Mid	38499.96	CP-OFDM	16QAM	H	50	MIMO	1 / 16	22.43
		Mid	38499.96	CP-OFDM	64QAM	H	50	MIMO	1 / 16	20.58
		Low	37100.10	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.65
		Low	37100.10	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 16	22.72
		Low	37100.10	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 16	22.43
		Low	37100.10	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 16	21.75
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 31	23.11
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 31	23.19
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 31	22.53
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 31	22.31
		High	39899.94	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 31	22.65
		High	39899.94	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 31	22.49
		High	39899.94	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 31	21.95
		High	39899.94	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 31	21.89

Table 7-46. Ant M2 EIRP Data (Band n260 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 276 of 999

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	38499.96	CP-OFDM	QPSK	H	50	SISO	1 / 65	23.77
		Mid	38499.96	CP-OFDM	16QAM	H	50	SISO	1 / 32	23.36
		Mid	38499.96	CP-OFDM	64QAM	H	50	SISO	1 / 32	21.57
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	1 / 32	27.70
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 32	27.78
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50	SISO	1 / 32	25.39
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 32	23.59
		Mid	38499.96	CP-OFDM	QPSK	H	50	MIMO	1 / 32	23.57
		Mid	38499.96	CP-OFDM	16QAM	H	50	MIMO	1 / 32	22.55
		Mid	38499.96	CP-OFDM	64QAM	H	50	MIMO	1 / 32	20.68
		Low	37050.00	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	30.48
		Low	37050.00	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	30.53
		Low	37050.00	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	28.15
		Low	37050.00	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	26.47
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	29.31
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	29.23
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	26.79
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	25.18
		High	39949.92	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	29.19
		High	39949.92	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	29.20
		High	39949.92	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	26.63
		High	39949.92	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	25.20
50+50	2	Mid	38499.96	CP-OFDM	QPSK	H	50	SISO	1 / 32	20.60
		Mid	38499.96	CP-OFDM	16QAM	H	50	SISO	1 / 32	20.45
		Mid	38499.96	CP-OFDM	64QAM	H	50	SISO	1 / 32	18.66
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	1 / 32	20.64
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 32	20.78
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50	SISO	64 / 0	20.58
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 32	19.77
		Mid	38499.96	CP-OFDM	QPSK	H	50	MIMO	1 / 32	22.80
		Mid	38499.96	CP-OFDM	16QAM	H	50	MIMO	1 / 32	22.48
		Mid	38499.96	CP-OFDM	64QAM	H	50	MIMO	1 / 32	20.87
		Low	37100.04	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.55
		Low	37100.04	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.78
		Low	37100.04	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	22.40
		Low	37100.04	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.85
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.24
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.41
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	22.26
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.45
		High	39899.88	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	21.94
		High	39899.88	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	21.66
		High	39899.88	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.51
		High	39899.88	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	20.90
50+50+50	3	Mid	38499.96	CP-OFDM	QPSK	H	50	SISO	1 / 0	20.40
		Mid	38499.96	CP-OFDM	16QAM	H	50	SISO	1 / 0	20.26
		Mid	38499.96	CP-OFDM	64QAM	H	50	SISO	1 / 32	18.71
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	1 / 32	20.41
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 32	20.49
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50	SISO	1 / 32	20.39
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 32	19.60
		Mid	38499.96	CP-OFDM	QPSK	H	50	MIMO	64 / 0	21.00
		Mid	38499.96	CP-OFDM	16QAM	H	50	MIMO	64 / 0	21.01
		Mid	38499.96	CP-OFDM	64QAM	H	50	MIMO	64 / 0	19.14
		Low	37150.08	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	20.96
		Low	37150.08	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	22.58
		Low	37150.08	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	20.83
		Low	37150.08	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	20.08
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	20.14
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 32	20.15
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	19.94
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.36
		High	39849.84	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	21.85
		High	39849.84	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 65	20.14
		High	39849.84	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.84
		High	39849.84	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 65	19.22
50+50+50+50	4	Mid	38499.96	CP-OFDM	QPSK	H	50	SISO	1 / 32	20.43
		Mid	38499.96	CP-OFDM	16QAM	H	50	SISO	64 / 0	20.24
		Mid	38499.96	CP-OFDM	64QAM	H	50	SISO	64 / 0	20.24
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50	SISO	1 / 32	20.45
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50	SISO	1 / 32	20.49
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50	SISO	64 / 0	20.40
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50	SISO	1 / 32	19.62
		Mid	38499.96	CP-OFDM	QPSK	H	50	MIMO	64 / 0	21.12
		Mid	38499.96	CP-OFDM	16QAM	H	50	MIMO	1 / 32	22.69
		Mid	38499.96	CP-OFDM	64QAM	H	50	MIMO	64 / 0	19.12
		Low	37200.12	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 65	21.89
		Low	37200.12	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 65	21.44
		Low	37200.12	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 65	21.18
		Low	37200.12	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 65	21.06
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	19.41
		Mid	38499.96	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 0	20.22
		Mid	38499.96	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	19.30
		Mid	38499.96	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 32	18.71
		High	39799.80	DFT-s-OFDM	$\pi/2$ BPSK	H	50 + 178	SISO Dual Pol	1 / 32	19.01
		High	39799.80	DFT-s-OFDM	QPSK	H	50 + 178	SISO Dual Pol	1 / 65	20.06
		High	39799.80	DFT-s-OFDM	16QAM	H	50 + 178	SISO Dual Pol	1 / 32	21.40
		High	39799.80	DFT-s-OFDM	64QAM	H	50 + 178	SISO Dual Pol	1 / 65	19.83

Table 7-47. Ant M2 EIRP Data (Band n260 – 100MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device	Page 277 of 999	

7.3.12 Band n260 – Ant M3

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	38499.96	CP-OFDM	QPSK	H	41	SISO	1 / 16	23.91
		Mid	38499.96	CP-OFDM	16QAM	H	41	SISO	1 / 16	22.94
		Mid	38499.96	CP-OFDM	64QAM	H	41	SISO	1 / 16	21.20
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41	SISO	1 / 16	26.93
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41	SISO	1 / 16	26.22
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41	SISO	32 / 0	20.64
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41	SISO	1 / 31	20.88
		Mid	38499.96	CP-OFDM	QPSK	H	41	MIMO	1 / 31	26.16
		Mid	38499.96	CP-OFDM	16QAM	H	41	MIMO	32 / 0	22.88
		Mid	38499.96	CP-OFDM	64QAM	H	41	MIMO	1 / 16	24.74
		Low	37025.04	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 16	29.57
		Low	37025.04	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	29.80
		Low	37025.04	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 16	27.10
		Low	37025.04	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 16	25.49
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 16	30.64
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	30.62
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 16	28.48
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 16	26.75
		High	39975.00	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 16	28.27
		High	39975.00	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	28.36
		High	39975.00	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 16	25.89
		High	39975.00	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 16	24.21
50+50	2	Mid	38499.96	CP-OFDM	QPSK	H	41	SISO	1 / 31	20.21
		Mid	38499.96	CP-OFDM	16QAM	H	41	SISO	32 / 0	20.01
		Mid	38499.96	CP-OFDM	64QAM	H	41	SISO	1 / 31	18.29
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41	SISO	1 / 31	19.71
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41	SISO	1 / 31	19.59
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41	SISO	32 / 0	19.38
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41	SISO	1 / 31	18.74
		Mid	38499.96	CP-OFDM	QPSK	H	41	MIMO	1 / 31	23.08
		Mid	38499.96	CP-OFDM	16QAM	H	41	MIMO	1 / 31	22.94
		Mid	38499.96	CP-OFDM	64QAM	H	41	MIMO	1 / 16	21.10
		Low	37050.06	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 31	21.96
		Low	37050.06	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 31	22.12
		Low	37050.06	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 31	21.74
		Low	37050.06	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 31	20.98
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 16	20.76
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	20.84
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 16	20.47
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 16	19.93
		High	39949.98	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 31	20.69
		High	39949.98	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 31	20.79
		High	39949.98	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 31	20.39
		High	39949.98	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 31	19.77
50+50+50	3	Mid	38499.96	CP-OFDM	QPSK	H	41	SISO	1 / 31	20.06
		Mid	38499.96	CP-OFDM	16QAM	H	41	SISO	32 / 0	20.23
		Mid	38499.96	CP-OFDM	64QAM	H	41	SISO	1 / 16	18.57
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41	SISO	32 / 0	18.99
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41	SISO	1 / 16	19.06
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41	SISO	1 / 16	18.93
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41	SISO	1 / 16	18.13
		Mid	38499.96	CP-OFDM	QPSK	H	41	MIMO	32 / 0	23.15
		Mid	38499.96	CP-OFDM	16QAM	H	41	MIMO	1 / 16	22.63
		Mid	38499.96	CP-OFDM	64QAM	H	41	MIMO	1 / 16	21.42
		Low	37075.08	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 16	22.05
		Low	37075.08	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	22.18
		Low	37075.08	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 16	21.97
		Low	37075.08	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 16	21.31
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 16	23.70
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	23.69
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 16	23.67
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 16	22.70
		High	39924.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 16	21.09
		High	39924.96	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	21.19
		High	39924.96	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 31	20.39
		High	39924.96	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 31	19.58
50+50+50+50	4	Mid	38499.96	CP-OFDM	QPSK	H	41	SISO	1 / 31	20.53
		Mid	38499.96	CP-OFDM	16QAM	H	41	SISO	32 / 0	20.33
		Mid	38499.96	CP-OFDM	64QAM	H	41	SISO	1 / 31	18.63
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41	SISO	32 / 0	19.47
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41	SISO	1 / 31	19.62
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41	SISO	32 / 0	19.47
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41	SISO	1 / 31	18.53
		Mid	38499.96	CP-OFDM	QPSK	H	41	MIMO	1 / 16	23.45
		Mid	38499.96	CP-OFDM	16QAM	H	41	MIMO	1 / 16	22.81
		Mid	38499.96	CP-OFDM	64QAM	H	41	MIMO	1 / 16	21.60
		Low	37100.10	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 0	21.38
		Low	37100.10	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	23.04
		Low	37100.10	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 0	21.29
		Low	37100.10	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 0	20.59
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 16	23.33
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	23.84
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 16	23.50
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 16	22.85
		High	39899.94	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 16	21.20
		High	39899.94	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 16	20.42
		High	39899.94	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 0	20.13
		High	39899.94	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 0	19.31

Table 7-48. Ant M3 EIRP Data (Band n260 – 50MHz)

FCC ID: BCGA2435		PART 30 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-06-R1.BCG	Test Dates: 5/30/2022 – 9/16/2022	EUT Type: Tablet Device		Page 278 of 999

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Transmission Scheme	Modulation	Beam Polarization	Beam ID	Ant. Div.	RB Size/Offset	EIRP [dBm]
50	1	Mid	38499.96	CP-OFDM	QPSK	H	41	SISO	1 / 32	24.09
		Mid	38499.96	CP-OFDM	16QAM	H	41	SISO	64 / 0	22.03
		Mid	38499.96	CP-OFDM	64QAM	H	41	SISO	1 / 32	21.27
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41	SISO	1 / 32	26.82
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41	SISO	1 / 32	26.76
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41	SISO	1 / 32	24.32
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41	SISO	1 / 32	22.65
		Mid	38499.96	CP-OFDM	QPSK	H	41	MIMO	1 / 32	27.62
		Mid	38499.96	CP-OFDM	16QAM	H	41	MIMO	1 / 32	26.62
		Mid	38499.96	CP-OFDM	64QAM	H	41	MIMO	1 / 32	24.77
		Low	37050.00	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 65	30.29
		Low	37050.00	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 32	30.45
		Low	37050.00	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 65	27.90
		Low	37050.00	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 65	26.23
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 32	31.10
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 32	31.19
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 32	28.57
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 32	27.16
		High	39949.92	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 32	28.56
		High	39949.92	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 32	28.62
		High	39949.92	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 32	26.11
		High	39949.92	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 32	24.46
50+50	2	Mid	38499.96	CP-OFDM	QPSK	H	41	SISO	1 / 32	20.73
		Mid	38499.96	CP-OFDM	16QAM	H	41	SISO	64 / 0	20.33
		Mid	38499.96	CP-OFDM	64QAM	H	41	SISO	1 / 32	18.80
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41	SISO	1 / 32	19.40
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41	SISO	1 / 32	19.47
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41	SISO	64 / 0	19.19
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41	SISO	1 / 32	18.33
		Mid	38499.96	CP-OFDM	QPSK	H	41	MIMO	1 / 32	23.77
		Mid	38499.96	CP-OFDM	16QAM	H	41	MIMO	1 / 32	23.32
		Mid	38499.96	CP-OFDM	64QAM	H	41	MIMO	1 / 32	21.71
		Low	37100.04	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 32	22.41
		Low	37100.04	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 32	22.60
		Low	37100.04	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 32	22.11
		Low	37100.04	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 32	21.52
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 32	24.12
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 32	24.21
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 32	23.58
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 32	22.96
		High	39899.88	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 32	21.19
		High	39899.88	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 32	21.00
		High	39899.88	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 32	20.85
		High	39899.88	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 32	19.97
50+50+50	3	Mid	38499.96	CP-OFDM	QPSK	H	41	SISO	1 / 32	20.42
		Mid	38499.96	CP-OFDM	16QAM	H	41	SISO	1 / 32	20.28
		Mid	38499.96	CP-OFDM	64QAM	H	41	SISO	1 / 0	18.61
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41	SISO	1 / 65	19.18
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41	SISO	1 / 65	19.15
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41	SISO	1 / 32	19.29
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41	SISO	64 / 0	18.27
		Mid	38499.96	CP-OFDM	QPSK	H	41	MIMO	1 / 32	21.24
		Mid	38499.96	CP-OFDM	16QAM	H	41	MIMO	1 / 32	23.25
		Mid	38499.96	CP-OFDM	64QAM	H	41	MIMO	1 / 32	21.62
		Low	37150.08	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 0	21.02
		Low	37150.08	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 0	23.01
		Low	37150.08	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 0	20.88
		Low	37150.08	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 0	20.05
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 0	21.46
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 65	21.45
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 65	21.58
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 65	20.36
		High	39849.84	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 65	20.11
		High	39849.84	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 65	20.16
		High	39849.84	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 65	20.03
		High	39849.84	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 65	19.09
50+50+50+50	4	Mid	38499.96	CP-OFDM	QPSK	H	41	SISO	1 / 0	20.49
		Mid	38499.96	CP-OFDM	16QAM	H	41	SISO	1 / 0	20.36
		Mid	38499.96	CP-OFDM	64QAM	H	41	SISO	1 / 0	18.63
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41	SISO	1 / 0	19.36
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41	SISO	1 / 0	19.42
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41	SISO	1 / 0	20.10
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41	SISO	64 / 0	20.13
		Mid	38499.96	CP-OFDM	QPSK	H	41	MIMO	1 / 65	21.61
		Mid	38499.96	CP-OFDM	16QAM	H	41	MIMO	1 / 32	23.27
		Mid	38499.96	CP-OFDM	64QAM	H	41	MIMO	1 / 32	21.71
		Low	37200.12	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 32	20.64
		Low	37200.12	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 32	20.62
		Low	37200.12	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 32	20.42
		Low	37200.12	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 32	19.53
		Mid	38499.96	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 32	21.28
		Mid	38499.96	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 65	21.82
		Mid	38499.96	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 32	23.62
		Mid	38499.96	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 0	20.41
		High	39799.80	DFT-s-OFDM	$\pi/2$ BPSK	H	41 + 169	SISO Dual Pol	1 / 65	20.11
		High	39799.80	DFT-s-OFDM	QPSK	H	41 + 169	SISO Dual Pol	1 / 65	20.48
		High	39799.80	DFT-s-OFDM	16QAM	H	41 + 169	SISO Dual Pol	1 / 65	20.29
		High	39799.80	DFT-s-OFDM	64QAM	H	41 + 169	SISO Dual Pol	1 / 65	19.40

Table 7-49. Ant M3 EIRP Data (Band n260 – 100MHz)

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7.4 Radiated Spurious and Harmonic Emissions

§2.1051, §30.203

Test Overview

RSE Measurements are performed using the field strength conversion method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using hybrid (biconical/log) antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

The conductive power or total radiated power of any emissions outside a licensee's frequency block shall be -13dBm/1MHz.

Test Procedure Used

ANSI C63.26-2015 – Section 5.5.4
KDB 842590 D01 v01r02 – Section 4.4.3

Test Settings

1. Start frequency was set to 9kHz and stop frequency was set to 100 GHz for n261, n258-R1, n258-R2 and 200GHz for n260. Several plots are used to show investigations in this entire span.
2. Detector = RMS
3. Trace Mode = trace average
4. Sweep time = auto couple
5. Number of sweep points $\geq 2 \times \text{Span/RBW}$
6. The trace was allowed to stabilize
7. RBW = 1MHz, VBW = 3MHz

Test Notes

- 1) 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.
- 2) All radiated spurious emissions were measured as EIRP to compare with the §30.203 TRP limits. Emissions that were found to be non-compliant using the EIRP method were re-measured using the Spherical Grid TRP Method per KDB 842590 D01 v01r02 Section 4.4.3.3.4.
- 3) The plots in this section were taken with the analyzer set to max hold. All final measurements shown in the tables that accompany the plots were taken with trace averaging performed over 100 sweeps while the analyzer was triggering on a specific emission of interest.
- 4) Elements within the same antenna array are correlated to produce beamforming array gain. Antenna arrays cannot be correlated with another antenna array. During testing, only one antenna array was active.

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- 5) The plots from 1 – 200GHz show corrected average EIRP levels. The average EIRP reported below is calculated per section 5.2.7 of ANSI C63.26-2015 which states: $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m. The field strength E is calculated $E (dB\mu V/m) = \text{Spectrum Analyzer Level (dBm)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + \text{Harmonic Mixer Conversion Loss (dB)} + 107$. All appropriate Antenna Factors and Cable Losses have been applied in the spectrum analyzer for each measurement. For measurements > 40GHz, a Harmonic Mixer Conversion Loss was also applied to the spectrum analyzer.
- 6) Emissions below 18GHz were measured at a 3 meter test distance, while emissions above 18GHz were measured at the appropriate far field distance. The far field of the mmWave signal is based on formula: $R > 2D^2/\text{wavelength}$, where D is the larger between the dimension of the measurement antenna and the transmitting antenna of the EUT. In this case, D is the largest dimension of the measurement antenna.

Frequency Range (GHz)	Wavelength (cm)	Farfield Distance (m)	Measurement Distance (m)
18-40	0.750	0.65	1.00
40-60	0.500	0.99	1.00
60-90	0.333	0.71	1.00
90-140	0.214	0.54	1.00
140-200	0.150	0.32	1.00

Table 7-50. Far-Field Distance & Measurement Distance per Frequency Range

- 7) No spurious emissions were detected within 20dB of the limit below 30MHz.
- 8) All emissions from 30MHz - 40GHz were measured using a spectrum analyzer with an internal preamplifier. Emissions >40GHz were measured using a harmonic mixer with the spectrum analyzer.
- 9) All RSE's were measured with 1CC. It was determined that adding more CC's causes the overall amplitude of just 1CC to decrease, therefore, 1CC is the worst case for the purposes of spurious emissions measurements.
- 10) 2CC/3CC/4CC intermodulation products were measured and reported in Section 7.5 Band Edge Emissions
- 11) The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 12) All EN-DC configurations were investigated and it was determined that there is no new emission introduced by EN-DC.
- 13) For 1CC, emissions within the frequency ranges of 27.45GHz - 28.40GHz and 36.95GHz - 40.05 GHz were measured and reported in Section 7.5 Band Edge Emissions.
- 14) The EUT and measurement equipment were set up as shown in the diagrams in Figures 3-2, 3-3, 3-4, and 3-5.

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Spurious Emissions EIRP Sample Calculation

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors.

RSE EIRP_[dBm] = Measured amplitude level_[dBm] + 107 + Cable Loss_[dB] + Antenna Factor_[dB/m] + 20log₁₀(D) – 104.8 + Harmonic Mixer Conversion Loss_[dB]

Note: Harmonic Mixer Conversion Loss only applies to RSE measurements > 40 GHz where harmonic mixers were used.

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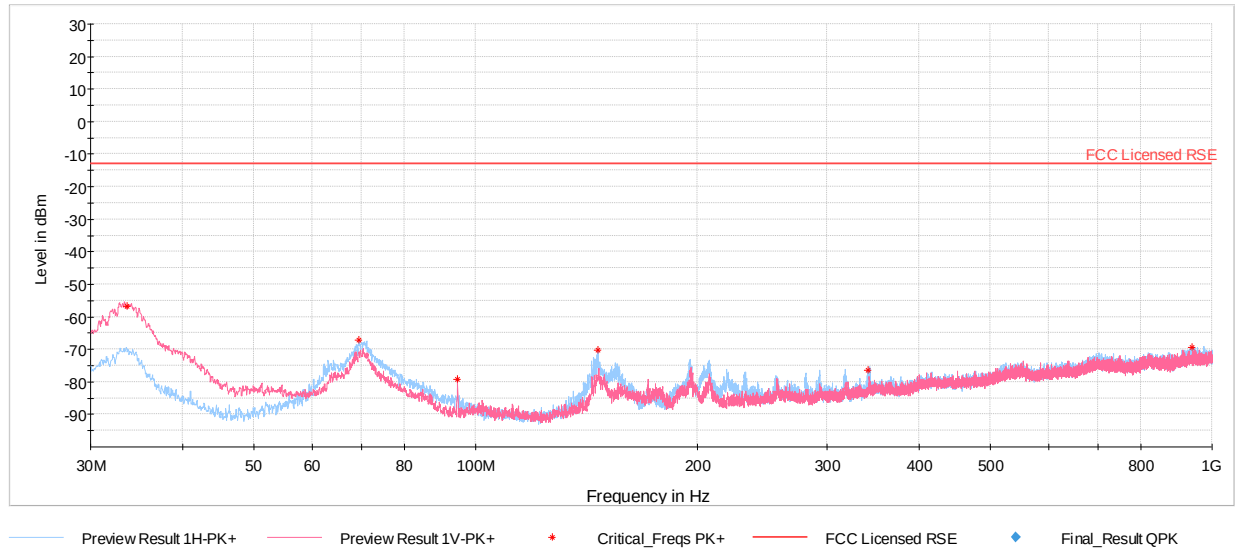
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7.4.1 Band n258-R1 – Ant M0

30MHz - 1GHz



Plot 7-421. Ant M0 - RSE Plot (Band n258-R1-100MHz-1CC SISO Dual Pol – QPSK – Mid Channel)

Frequency [MHz]	Channel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Antenna Height [cm]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
33.59	Mid	100	SISO Dual Pol	DFTs-OFDM	QPSK	V	9	100	-56.63	-13.00	-43.63
69.48	Mid	100	SISO Dual Pol	DFTs-OFDM	QPSK	H	173	300	-67.28	-13.00	-54.28
94.51	Mid	100	SISO Dual Pol	DFTs-OFDM	QPSK	V	97	100	-79.28	-13.00	-66.28
146.45	Mid	100	SISO Dual Pol	DFTs-OFDM	QPSK	H	262	200	-70.16	-13.00	-57.16
341.18	Mid	100	SISO Dual Pol	DFTs-OFDM	QPSK	H	68	100	-76.40	-13.00	-63.40
939.96	Mid	100	SISO Dual Pol	DFTs-OFDM	QPSK	H	358	200	-69.41	-13.00	-56.41

Table 7-51. Ant M0 - RSE Measurements (Band n258-R1-100MHz-1CC SISO Dual Pol – QPSK – Mid Channel)

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