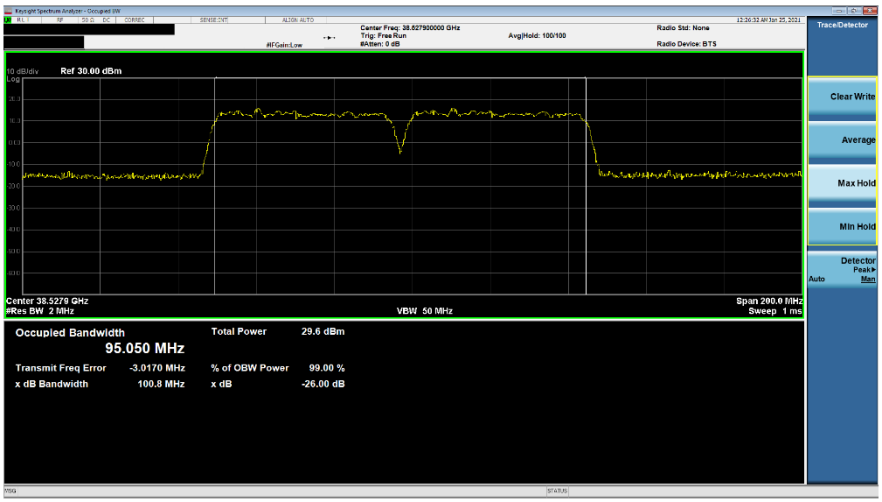
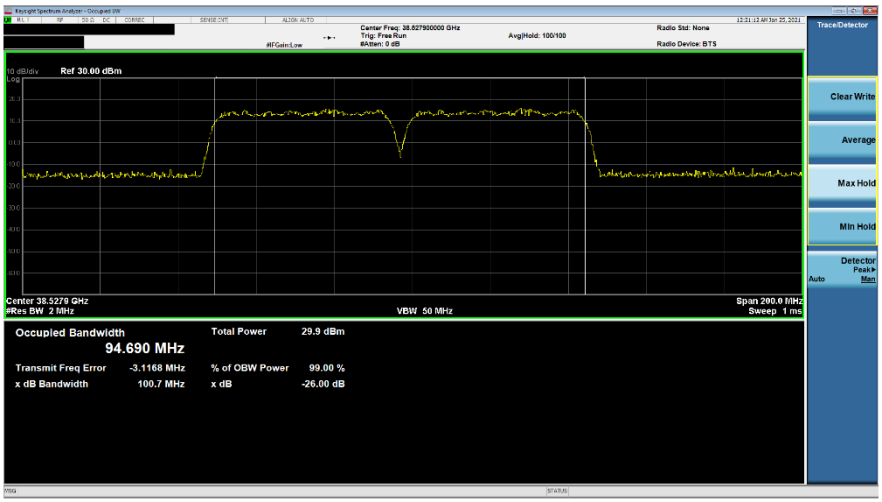
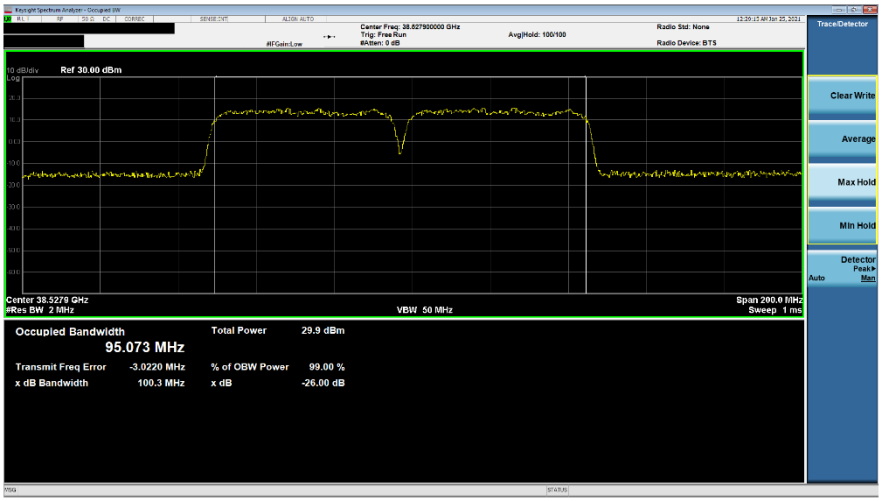


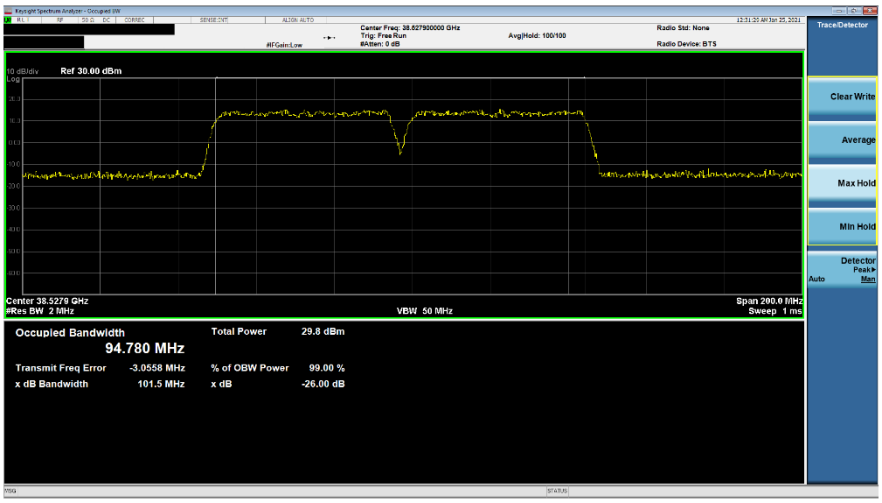
Plot 7-81. Ant M3 OBW (Band n260-50+50MHz-2CC SISO Dual Pol – π/2 BPSK – Mid Channel)



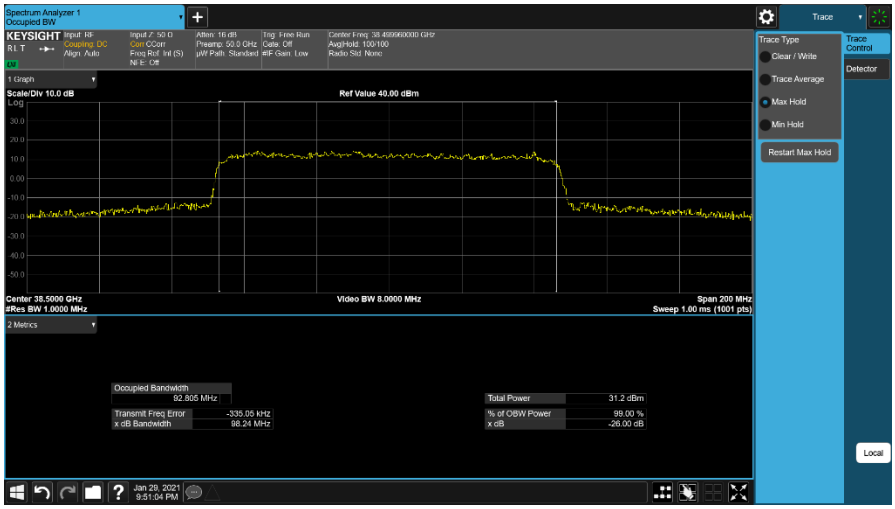
Plot 7-82. Ant M3 OBW (Band n260-50+50MHz-2CC SISO Dual Pol – QPSK – Mid Channel)



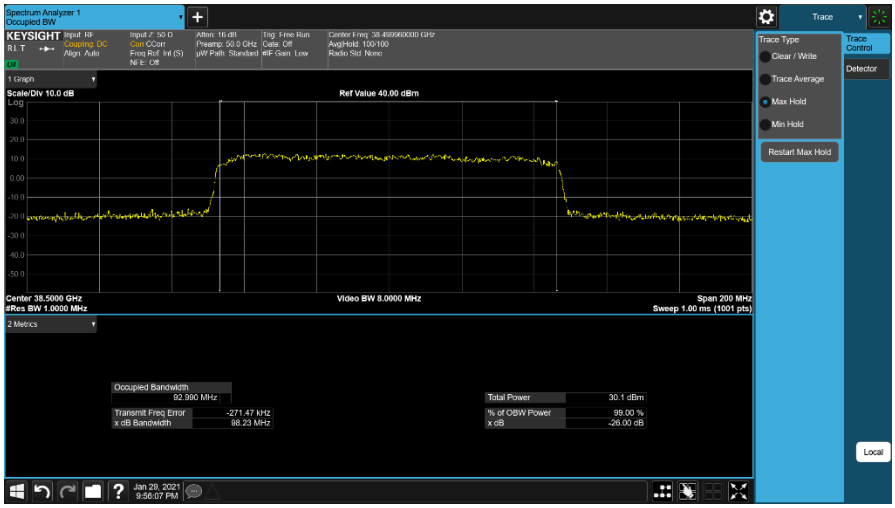
Plot 7-83. Ant M3 OBW (Band n260-50+50MHz-2CC SISO Dual Pol – 16QAM– Mid Channel)



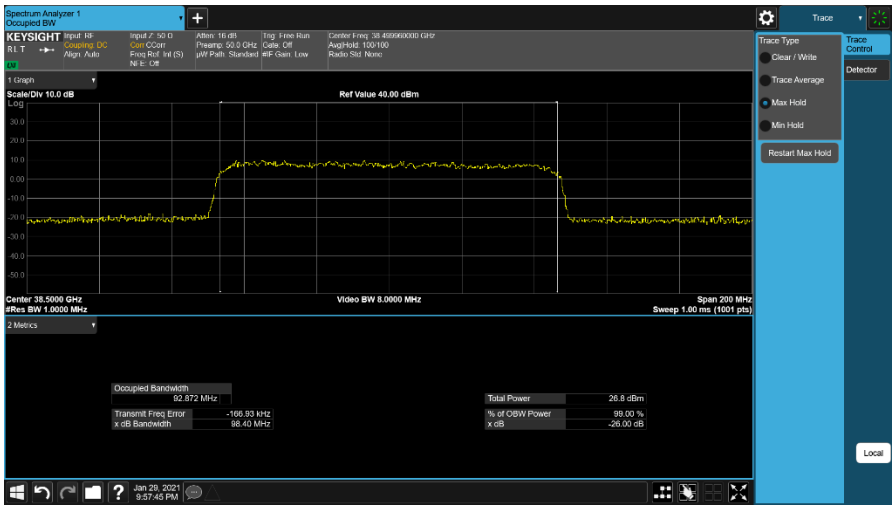
Plot 7-84. Ant M3 OBW (Band n260-50+50MHz-2CC SISO Dual Pol – 64QAM – Mid Channel)



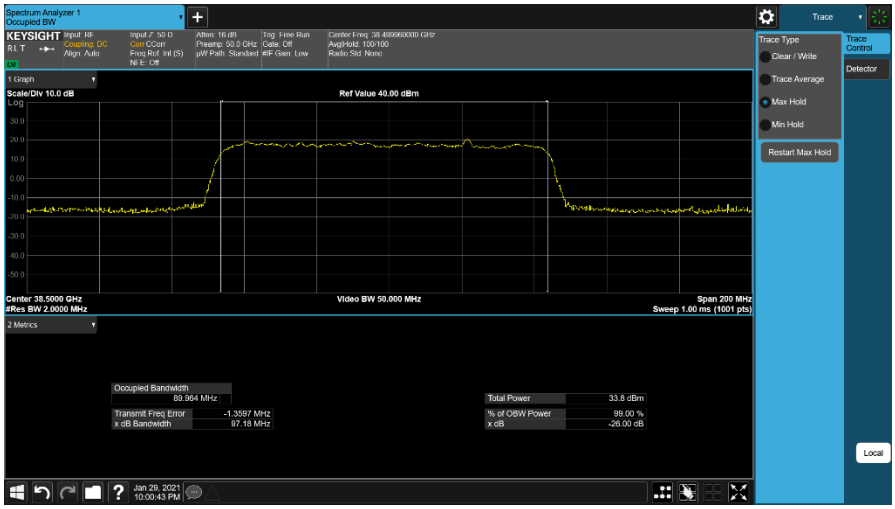
Plot 7-85. Ant M3 OBW (Band n260-100MHz-1CC SISO CP-OFDM– QPSK – Mid Channel)



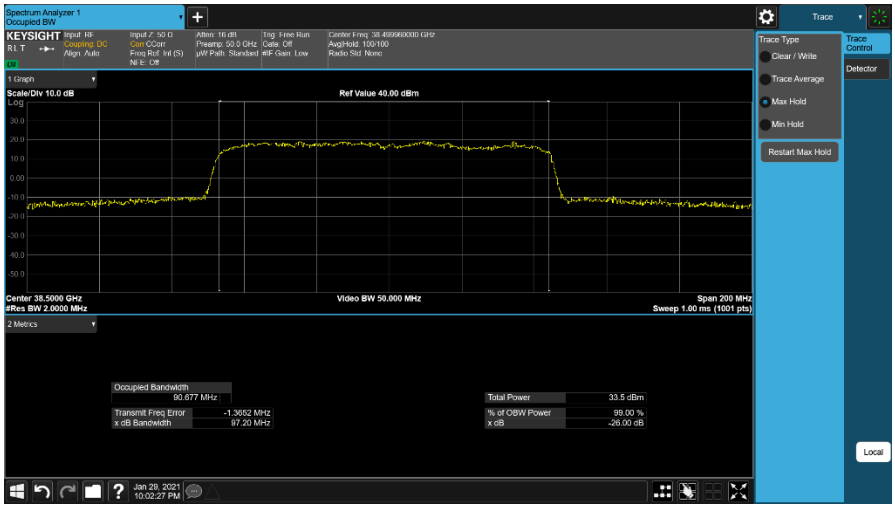
Plot 7-86. Ant M3 OBW (Band n260-100MHz-1CC SISO CP-OFDM– 16QAM – Mid Channel)



Plot 7-87. Ant M3 OBW (Band n260-100MHz-1CC SISO CP-OFDM – 64QAM – Mid Channel)



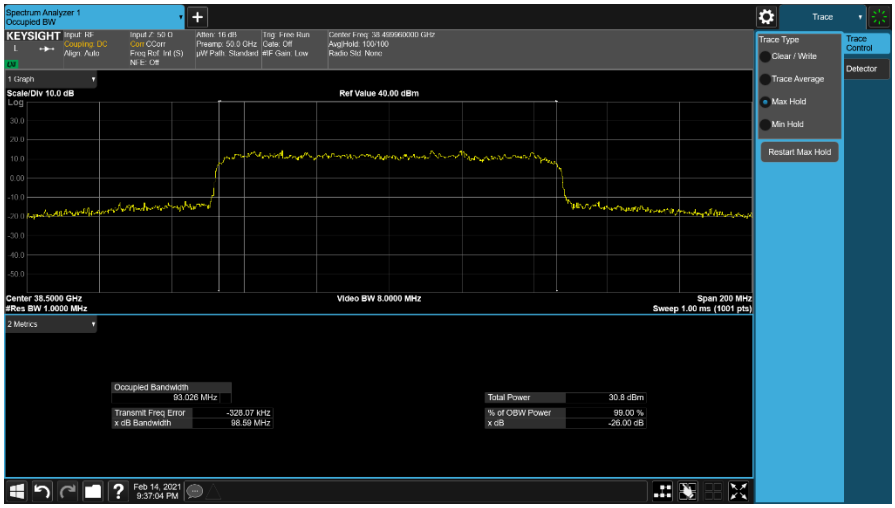
Plot 7-88. Ant M3 OBW (Band n260-100MHz-1CC SISO DFTs-OFDM– π/2 BPSK – Mid Channel)



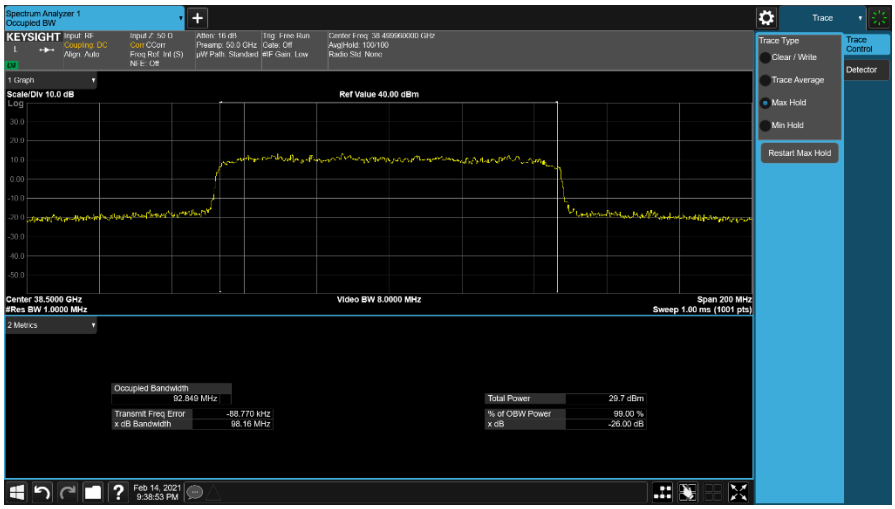
Plot 7-89. Ant M3 OBW (Band n260-100MHz-1CC SISO DFTs-OFDM– QPSK – Mid Channel)

Plot 7-90. Ant M3 OBW (Band n260-100MHz-1CC SISO DFTs-OFDM – 16QAM – Mid Channel)

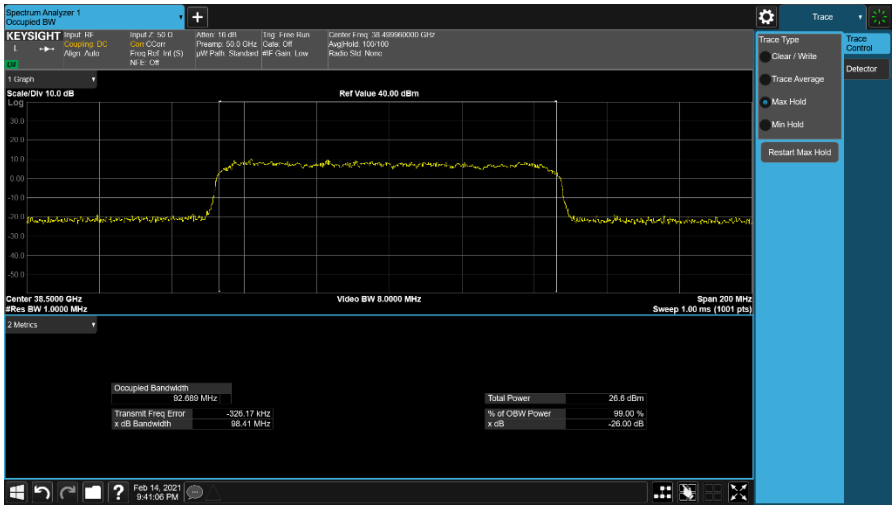
Plot 7-91. Ant M3 OBW (Band n260-100MHz-1CC SISO DFTs-OFDM –64QAM – Mid Channel)



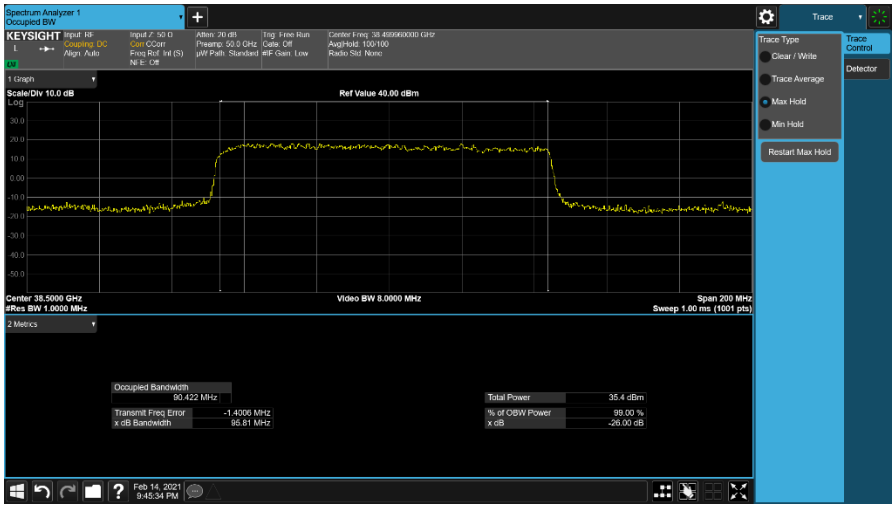
Plot 7-92. Ant M3 OBW (Band n260-100MHz-1CC MIMO CP-OFDM– QPSK – Mid Channel)



Plot 7-93. Ant M3 OBW (Band n260-100MHz-1CC MIMO CP-OFDM– 16QAM – Mid Channel)



Plot 7-94. Ant M3 OBW (Band n260-100MHz-1CC MIMO CP-OFDM– 64QAM – Mid Channel)

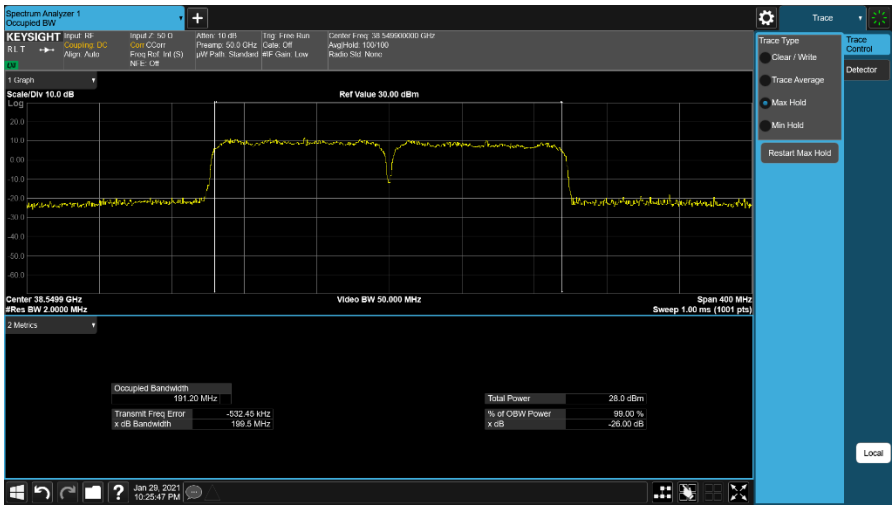


Plot 7-95. Ant M3 OBW (Band n260-100MHz-1CC SISO Dual Pol – π/2 BPSK – Mid Channel)

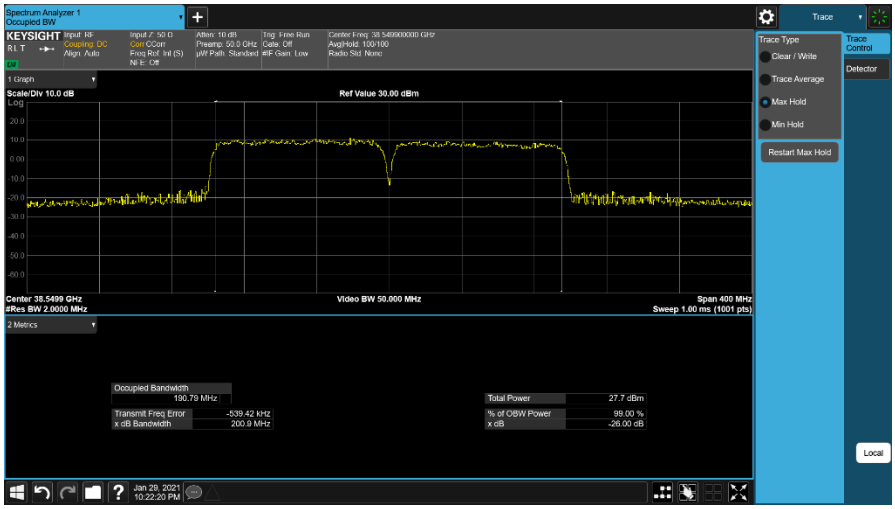
Plot 7-96. Ant M3 OBW (Band n260-100MHz-1CC SISO Dual Pol – QPSK – Mid Channel)

Plot 7-97. Ant M3 OBW (Band n260-100MHz-1CC SISO Dual Pol – 16QAM– Mid Channel)

Plot 7-98. Ant M3 OBW (Band n260-100MHz-1CC SISO Dual Pol – 64QAM – Mid Channel)

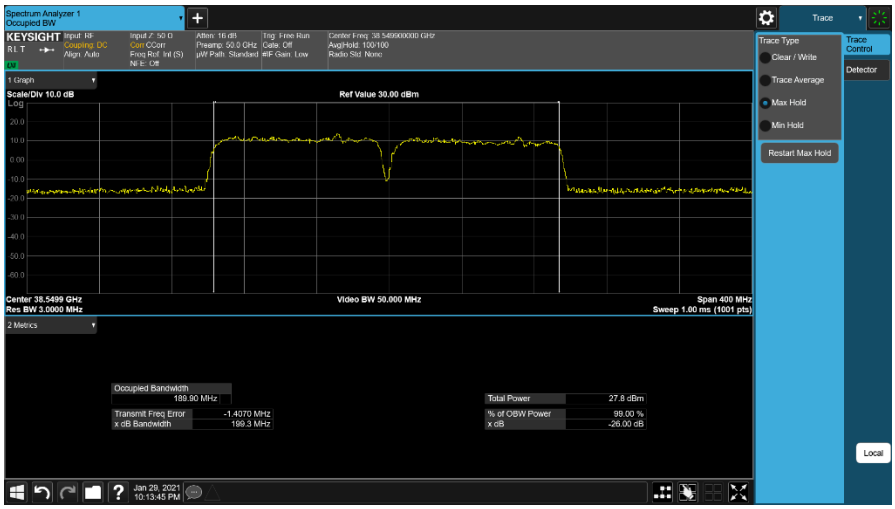


Plot 7-99. Ant M3 OBW (Band n260-100+100MHz-2CC SISO CP-OFDM– QPSK – Mid Channel)



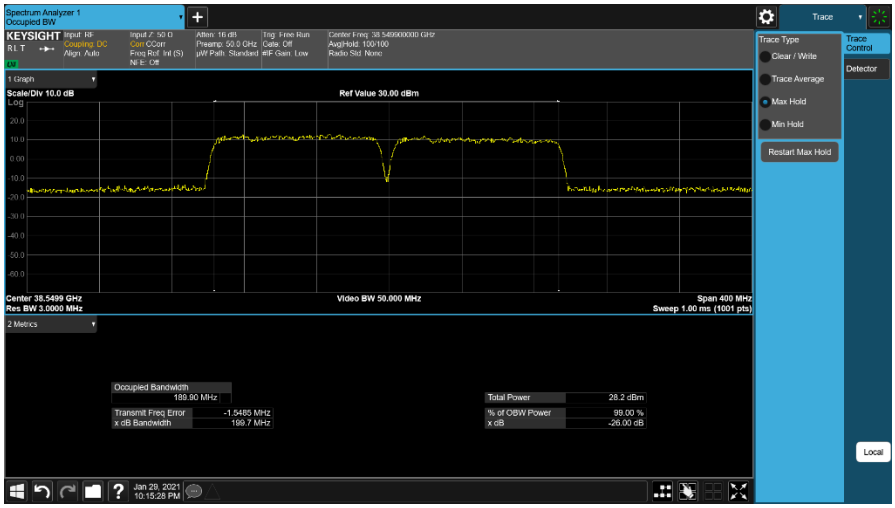
Plot 7-100. Ant M3 OBW (Band n260-100+100MHz-2CC SISO CP-OFDM– 16QAM – Mid Channel)

Plot 7-101. Ant M3 OBW (Band n260-100+100MHz-2CC SISO CP-OFDM – 64QAM – Mid Channel)



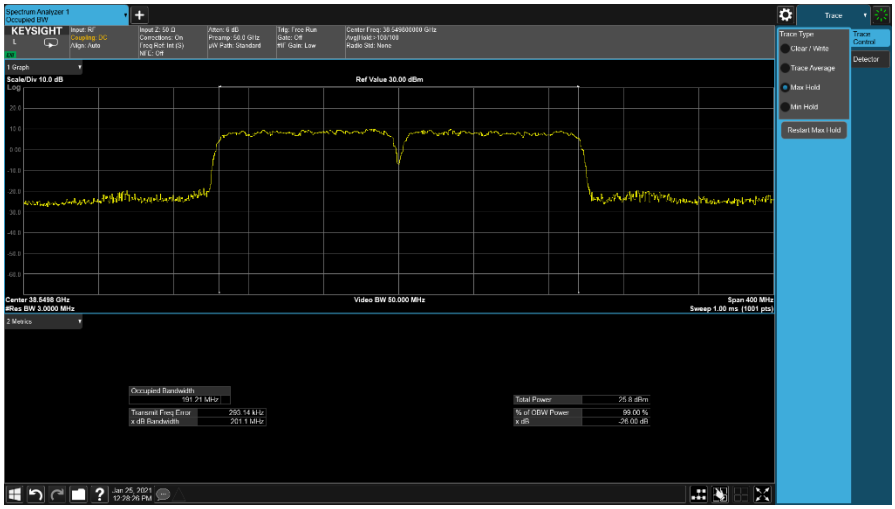
Plot 7-102. Ant M3 OBW (Band n260-100+100MHz-2CC SISO DFTs-OFDM– π/2 BPSK – Mid Channel)

Plot 7-103. Ant M3 OBW (Band n260-100+100MHz-2CC SISO DFTs-OFDM– QPSK – Mid Channel)

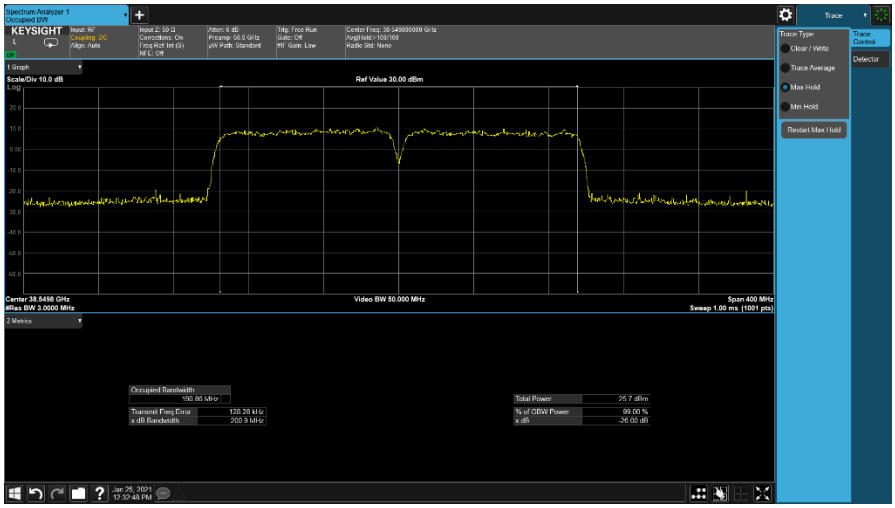


Plot 7-104. Ant M3 OBW (Band n260-100+100MHz-2CC SISO DFTs-OFDM – 16QAM – Mid Channel)

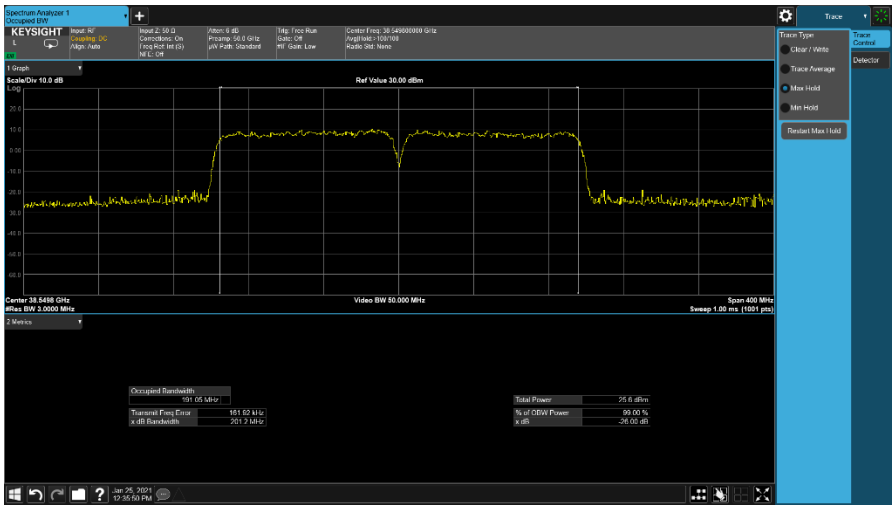
Plot 7-105. Ant M3 OBW (Band n260-100+100MHz-2CC SISO DFTs-OFDM –64QAM – Mid Channel)



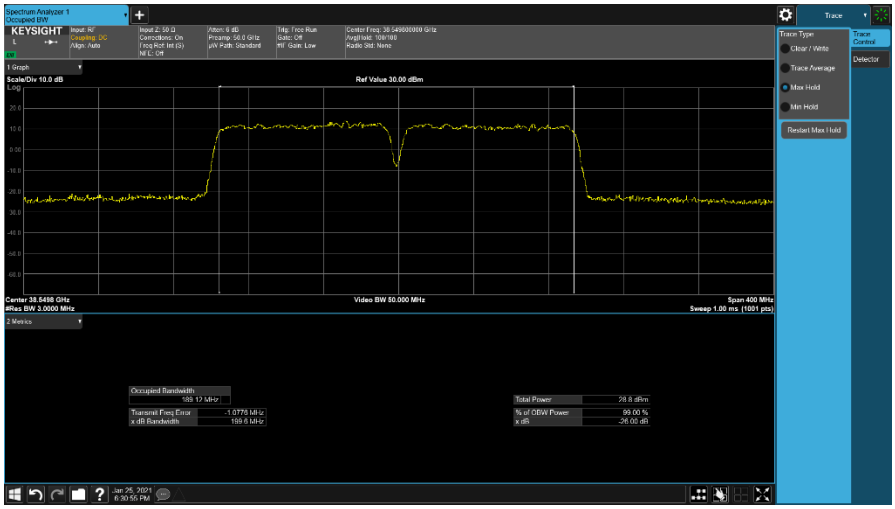
Plot 7-106. Ant M3 OBW (Band n260-100+100MHz-2CC MIMO CP-OFDM– QPSK – Mid Channel)



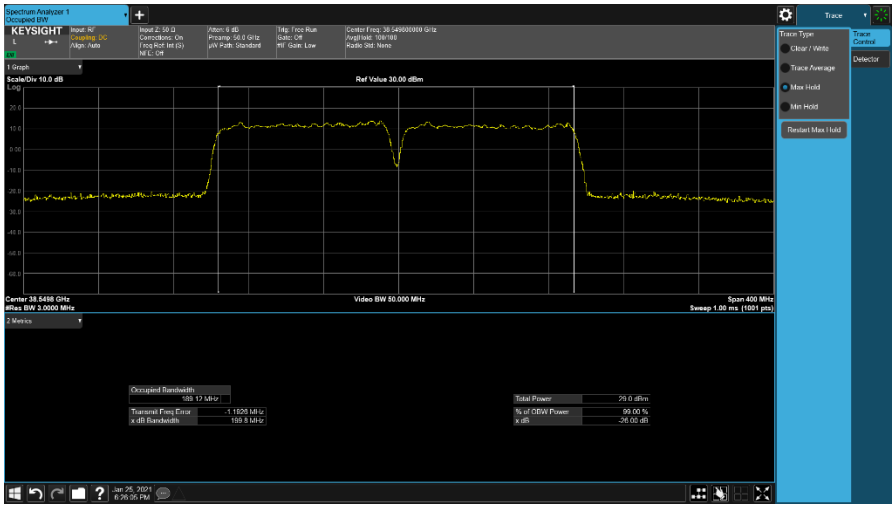
Plot 7-107. Ant M3 OBW (Band n260-100+100MHz-2CC MIMO CP-OFDM– 16QAM – Mid Channel)



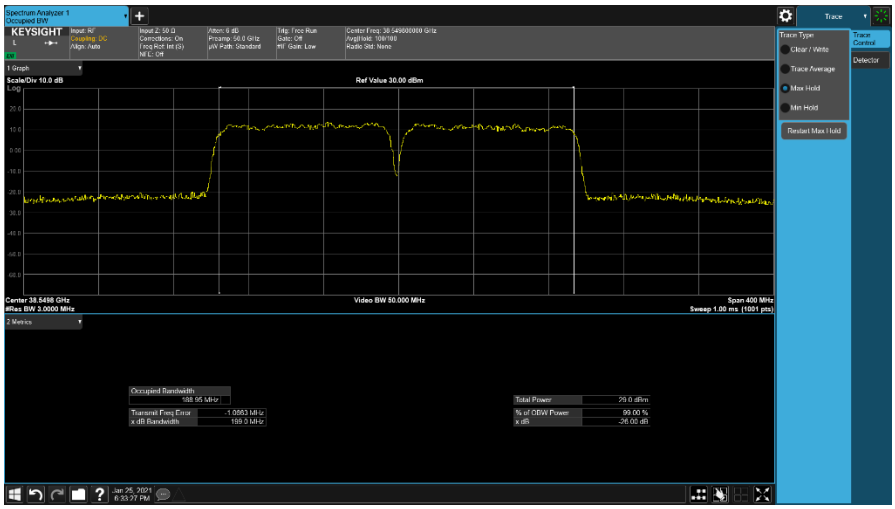
Plot 7-108. Ant M3 OBW (Band n260-100+100MHz-2CC MIMO CP-OFDM– 64QAM – Mid Channel)



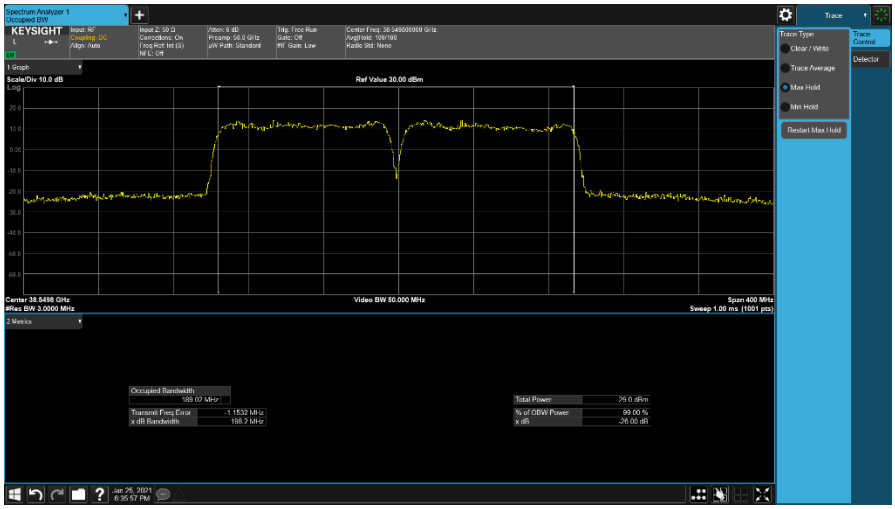
Plot 7-109. Ant M3 OBW (Band n260-100+100MHz-2CC SISO Dual Pol – π/2 BPSK – Mid Channel)



Plot 7-110. Ant M3 OBW (Band n260-100+100MHz-2CC SISO Dual Pol – QPSK – Mid Channel)



Plot 7-111. Ant M3 OBW (Band n260-100+100MHz-2CC SISO Dual Pol – 16QAM– Mid Channel)



Plot 7-112. Ant M3 OBW (Band n260-100+100MHz-2CC SISO Dual Pol – 64QAM – Mid Channel)

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 v01r01 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, not to exceed 1MHz
3. VBW ≥ 3 x RBW
4. Span = 2x to 3x the OBW
5. No. of sweep points ≥ 2 x span / RBW
6. Detector = RMS
7. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation.
8. Trace mode = trace averaging (RMS) over 100 sweeps
9. The trace was allowed to stabilize

Test Notes

1) The EUT was tested 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. Worst case Peak Beam ID was used for SISO mode, worst case Peak Beam ID with corresponding Paired Beam ID were used for MIMO/SISO Dual Pol modes.

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 (dBµV/m) + 20log(D) − 104.8; where D is the measurement distance (in the far field region) in m. The field strength E is calculated E (dBµV/m) = Spectrum Analyzer Channel Power Level (dBm) + Antenna Factor (dB/m) + 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.

Band n261

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
50	1	Mid	27924.96	SISO	CP-OFDM	QPSK	33		H	270	269	1/15	**23.28**	43.00	-19.72
		Mid	27924.96	SISO	CP-OFDM	16QAM	33		H	270	269	1/15	22.56	43.00	-20.44
		Mid	27924.96	SISO	CP-OFDM	64QAM	33		H	270	269	1/15	20.87	43.00	-22.13
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	33		H	270	269	1/15	26.21	43.00	-16.79
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	33		H	270	269	1/15	**26.23**	43.00	-16.77
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	33		H	270	269	1/15	24.44	43.00	-18.56
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	33		H	270	269	1/15	22.71	43.00	-20.29
		Mid	27924.96	MIMO	CP-OFDM	QPSK	33	161	V	96	265	1 / 0	25.44	43.00	-17.56
		Mid	27924.96	MIMO	CP-OFDM	16QAM	33	161	V	96	265	1/15	**25.60**	43.00	-17.40
		Mid	27924.96	MIMO	CP-OFDM	64QAM	33	161	V	96	265	1/15	22.25	43.00	-20.75
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	97	265	1/15	**30.58**	43.00	-12.42
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	97	265	1/15	30.54	43.00	-12.46
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	97	265	1/15	29.82	43.00	-13.18
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	97	265	1/15	27.42	43.00	-15.58
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	96	265	1/15	**30.18**	43.00	-12.82
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	96	265	1/15	30.13	43.00	-12.87
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	96	265	1/15	29.29	43.00	-13.71
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	96	265	1/15	27.40	43.00	-15.60
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	90	263	1/15	**31.10**	43.00	-11.90
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	90	263	1/15	31.07	43.00	-11.93
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	90	263	1/15	29.86	43.00	-13.14
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	90	263	1/15	28.78	43.00	-14.22
50+50	2	Mid	27924.96	SISO	CP-OFDM	QPSK	33		H	272	273	1/31	17.08	43.00	-25.92
		Mid	27924.96	SISO	CP-OFDM	16QAM	33		H	272	273	32 / 0	**17.27**	43.00	-25.73
		Mid	27924.96	SISO	CP-OFDM	64QAM	33		H	272	273	1 / 0	16.13	43.00	-26.87
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	33		H	272	273	1/31	17.73	43.00	-25.27
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	33		H	272	273	1 / 0	17.44	43.00	-25.56
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	33		H	272	273	1 / 0	17.70	43.00	-25.30
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	33		H	272	273	1 / 0	**17.85**	43.00	-25.15
		Mid	27924.96	MIMO	CP-OFDM	QPSK	33	161	V	93	264	1/31	**20.17**	43.00	-22.83
		Mid	27924.96	MIMO	CP-OFDM	16QAM	33	161	V	93	264	32 / 0	19.46	43.00	-23.54
		Mid	27924.96	MIMO	CP-OFDM	64QAM	33	161	V	93	264	32 / 0	19.40	43.00	-23.60
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	92	265	32 / 0	24.53	43.00	-18.47
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	92	265	32 / 0	**24.64**	43.00	-18.36
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	92	265	1/31	24.57	43.00	-18.43
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	92	265	32 / 0	24.59	43.00	-18.41
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	93	264	32 / 0	24.60	43.00	-18.40
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	93	264	1/31	24.74	43.00	-18.26
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	93	264	32 / 0	24.57	43.00	-18.43
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	93	264	1/15	**24.83**	43.00	-18.17
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	91	265	32 / 0	24.40	43.00	-18.60
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	91	265	32 / 0	24.46	43.00	-18.54
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	91	265	32 / 0	**24.51**	43.00	-18.49
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	91	265	32 / 0	24.45	43.00	-18.55

Table 7-14. Ant M0 EIRP Data (Band n261 - 50MHz/50+50MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
100	1	Mid	27924.96	SISO	CP-OFDM	QPSK	33		H	97	274	1/32	**23.50**	43.00	-19.50
		Mid	27924.96	SISO	CP-OFDM	16QAM	33		H	97	274	1/32	22.22	43.00	-20.78
		Mid	27924.96	SISO	CP-OFDM	64QAM	33		H	97	274	1/32	20.85	43.00	-22.15
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	33		H	97	274	1/32	**25.03**	43.00	-17.97
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	33		H	97	274	1/32	24.92	43.00	-18.08
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	33		H	97	274	1/32	23.75	43.00	-19.25
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	33		H	97	274	1/32	21.98	43.00	-21.02
		Mid	27924.96	MIMO	CP-OFDM	QPSK	33	161	V	94	264	1/0	**26.29**	43.00	-16.71
		Mid	27924.96	MIMO	CP-OFDM	16QAM	33	161	V	94	264	1/32	24.61	43.00	-18.39
		Mid	27924.96	MIMO	CP-OFDM	64QAM	33	161	V	94	264	1/32	21.93	43.00	-21.07
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	95	266	1/32	**30.70**	43.00	-12.30
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	95	266	1/32	30.52	43.00	-12.48
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	95	266	1/32	29.90	43.00	-13.10
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	95	266	1/32	27.48	43.00	-15.52
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	94	264	1/32	**31.07**	43.00	-11.93
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	94	264	1/32	30.84	43.00	-12.16
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	94	264	1/32	30.22	43.00	-12.78
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	94	264	1/32	28.24	43.00	-14.76
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	95	265	1/32	**31.08**	43.00	-11.92
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	95	265	1/32	30.73	43.00	-12.27
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	95	265	1/32	29.42	43.00	-13.58
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	95	265	1/32	27.63	43.00	-15.37
100 + 100	2	Mid	27924.96	SISO	CP-OFDM	QPSK	33		V	267	275	1/65	**17.41**	43.00	-25.59
		Mid	27924.96	SISO	CP-OFDM	16QAM	33		V	267	275	66 / 0	17.21	43.00	-25.79
		Mid	27924.96	SISO	CP-OFDM	64QAM	33		V	267	275	1/0	16.51	43.00	-26.49
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	33		V	267	275	66 / 0	17.12	43.00	-25.88
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	33		V	267	275	1/65	17.32	43.00	-25.68
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	33		V	267	275	66 / 0	17.08	43.00	-25.92
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	33		V	267	275	1/65	**17.61**	43.00	-25.39
		Mid	27924.96	MIMO	CP-OFDM	QPSK	33	161	V	93	263	1/0	**20.84**	43.00	-22.16
		Mid	27924.96	MIMO	CP-OFDM	16QAM	33	161	V	93	263	1/0	20.06	43.00	-22.94
		Mid	27924.96	MIMO	CP-OFDM	64QAM	33	161	V	93	263	66 / 0	19.81	43.00	-23.19
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	93	264	64/ 0	24.96	43.00	-18.04
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	93	264	64/ 0	25.04	43.00	-17.96
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	93	264	64/ 0	25.05	43.00	-17.95
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	93	264	64/ 0	**25.12**	43.00	-17.88
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	93	263	64/ 0	25.06	43.00	-17.94
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	93	263	64/ 0	**25.14**	43.00	-17.86
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	93	263	64/ 0	**25.14**	43.00	-17.86
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	93	263	64/ 0	**25.14**	43.00	-17.86
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	33	161	V	94	263	64/ 0	24.89	43.00	-18.11
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	QPSK	33	161	V	94	263	64/ 0	24.93	43.00	-18.07
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	16QAM	33	161	V	94	263	64/ 0	**25.00**	43.00	-18.00
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	64QAM	33	161	V	94	263	64/ 0	24.96	43.00	-18.04

Table 7-15. Ant M0 EIRP Data (Band n261 - 100MHz/100+100MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
50	1	Mid	27924.96	SISO	CP-OFDM	QPSK	22		V	290	0	1/15	**25.50**	43.00	-17.50
		Mid	27924.96	SISO	CP-OFDM	16QAM	22		V	290	0	1/15	25.15	43.00	-17.85
		Mid	27924.96	SISO	CP-OFDM	64QAM	22		V	290	0	1/15	23.46	43.00	-19.54
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	22		V	290	0	1/15	**28.20**	43.00	-14.80
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	22		V	290	0	1/15	28.03	43.00	-14.97
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	22		V	290	0	1/15	26.72	43.00	-16.28
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	22		V	290	0	1/15	25.28	43.00	-17.72
		Mid	27924.96	MIMO	CP-OFDM	QPSK	22	150	H	25	139	32 / 0	24.05	43.00	-18.95
		Mid	27924.96	MIMO	CP-OFDM	16QAM	22	150	H	25	139	32 / 0	**24.18**	43.00	-18.82
		Mid	27924.96	MIMO	CP-OFDM	64QAM	22	150	H	25	139	1/15	23.02	43.00	-19.98
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	V	18	338	1/15	**27.24**	43.00	-15.76
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	V	18	338	1/15	27.17	43.00	-15.83
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	V	18	338	1/15	25.93	43.00	-17.07
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	V	18	338	1/15	24.71	43.00	-18.29
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	H	38	336	1/15	**28.15**	43.00	-14.85
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	H	38	336	1/15	28.06	43.00	-14.94
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	H	38	336	1/15	27.34	43.00	-15.66
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	H	38	336	1/15	25.23	43.00	-17.77
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	H	38	336	1 / 0	28.81	43.00	-14.19
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	H	38	336	1 / 0	**28.84**	43.00	-14.16
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	H	38	336	1/15	27.59	43.00	-15.41
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	H	38	336	1/15	25.70	43.00	-17.30
50+50	2	Mid	27924.96	SISO	CP-OFDM	QPSK	22		V	108	2	32 / 0	**21.09**	43.00	-21.91
		Mid	27924.96	SISO	CP-OFDM	16QAM	22		V	108	2	1/31	20.86	43.00	-22.14
		Mid	27924.96	SISO	CP-OFDM	64QAM	22		V	108	2	32 / 0	19.69	43.00	-23.31
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	22		V	108	2	1 / 0	20.67	43.00	-22.33
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	22		V	108	2	32 / 0	20.63	43.00	-22.37
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	22		V	108	2	32 / 0	20.56	43.00	-22.44
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	22		V	108	2	1/31	**21.04**	43.00	-21.96
		Mid	27924.96	MIMO	CP-OFDM	QPSK	22	150	H	338	43	1/15	**18.12**	43.00	-24.88
		Mid	27924.96	MIMO	CP-OFDM	16QAM	22	150	H	338	43	1/31	16.99	43.00	-26.01
		Mid	27924.96	MIMO	CP-OFDM	64QAM	22	150	H	338	43	32 / 0	16.83	43.00	-26.17
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	V	14	348	32 / 0	21.18	43.00	-21.82
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	V	14	348	32 / 0	21.32	43.00	-21.68
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	V	14	348	32 / 0	21.34	43.00	-21.66
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	V	14	348	32 / 0	**21.35**	43.00	-21.65
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	H	338	43	1 / 0	21.46	43.00	-21.54
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	H	338	43	32 / 0	20.97	43.00	-22.03
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	H	338	43	1 / 0	21.15	43.00	-21.85
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	H	338	43	1/31	**21.51**	43.00	-21.49
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	V	18	353	32 / 0	21.20	43.00	-21.80
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	V	18	353	32 / 0	21.21	43.00	-21.79
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	V	18	353	32 / 0	21.22	43.00	-21.78
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	V	18	353	32 / 0	**21.40**	43.00	-21.60

Table 7-16. Ant M2 EIRP Data (Band n261 - 50MHz/50+50MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
100	1	Mid	27924.96	SISO	CP-OFDM	QPSK	22		V	105	3	66 / 0	**24.68**	43.00	-18.32
		Mid	27924.96	SISO	CP-OFDM	16QAM	22		V	105	3	1/32	24.23	43.00	-18.77
		Mid	27924.96	SISO	CP-OFDM	64QAM	22		V	105	3	1/32	22.82	43.00	-20.18
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	22		V	105	3	1/32	27.79	43.00	-15.21
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	22		V	105	3	1/32	**28.14**	43.00	-14.86
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	22		V	105	3	1/32	26.00	43.00	-17.00
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	22		V	105	3	1/32	24.93	43.00	-18.07
		Mid	27924.96	MIMO	CP-OFDM	QPSK	22	150	H	336	345	66 / 0	23.63	43.00	-19.37
		Mid	27924.96	MIMO	CP-OFDM	16QAM	22	150	H	336	345	1/32	**24.20**	43.00	-18.80
		Mid	27924.96	MIMO	CP-OFDM	64QAM	22	150	H	336	345	1/32	21.73	43.00	-21.27
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	V	18	339	1/32	27.17	43.00	-15.83
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	V	18	339	1/32	**27.54**	43.00	-15.46
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	V	18	339	1/32	26.15	43.00	-16.85
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	V	18	339	1/32	24.62	43.00	-18.38
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	H	336	345	1/32	**27.58**	43.00	-15.42
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	H	336	345	1/32	27.54	43.00	-15.46
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	H	336	345	1/32	26.82	43.00	-16.18
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	H	336	345	1/32	24.21	43.00	-18.79
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	H	336	42	1/32	**28.39**	43.00	-14.61
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	H	336	42	1/32	28.37	43.00	-14.63
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	H	336	42	1/32	27.15	43.00	-15.85
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	H	336	42	1/32	25.49	43.00	-17.51
100 + 100	2	Mid	27924.96	SISO	CP-OFDM	QPSK	22		V	110	3	66 / 0	**21.08**	43.00	-21.92
		Mid	27924.96	SISO	CP-OFDM	16QAM	22		V	110	3	66 / 0	**21.08**	43.00	-21.92
		Mid	27924.96	SISO	CP-OFDM	64QAM	22		V	110	3	66 / 0	20.00	43.00	-23.00
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	22		V	110	3	66 / 0	21.01	43.00	-21.99
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	22		V	110	3	66 / 0	21.03	43.00	-21.97
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	22		V	110	3	66 / 0	20.98	43.00	-22.02
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	22		V	110	3	1/65	**21.46**	43.00	-21.54
		Mid	27924.96	MIMO	CP-OFDM	QPSK	22	150	H	339	35	1/65	17.94	43.00	-25.06
		Mid	27924.96	MIMO	CP-OFDM	16QAM	22	150	H	339	35	1/65	**18.70**	43.00	-24.30
		Mid	27924.96	MIMO	CP-OFDM	64QAM	22	150	H	339	35	1/65	18.29	43.00	-24.71
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	V	11	339	64/ 0	21.26	43.00	-21.74
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	V	11	339	64/ 0	**21.34**	43.00	-21.66
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	V	11	339	64/ 0	**21.34**	43.00	-21.66
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	V	11	339	64/ 0	21.32	43.00	-21.68
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	H	337	30	64/ 0	21.83	43.00	-21.17
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	H	337	30	64/ 0	21.85	43.00	-21.15
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	H	337	30	64/ 0	21.82	43.00	-21.18
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	H	337	30	64/ 0	**21.86**	43.00	-21.14
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	22	150	H	338	42	64/ 0	21.61	43.00	-21.39
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	QPSK	22	150	H	338	42	64/ 0	21.69	43.00	-21.31
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	16QAM	22	150	H	338	42	64/ 0	21.68	43.00	-21.32
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	64QAM	22	150	H	338	42	1/32	**21.73**	43.00	-21.27

Table 7-17. Ant M2 EIRP Data (Band n261 - 100MHz/100+100MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
50	1	Mid	27924.96	SISO	CP-OFDM	QPSK	39		V	56	352	1/15	**27.59**	43.00	-15.41
		Mid	27924.96	SISO	CP-OFDM	16QAM	39		V	56	352	1/15	26.09	43.00	-16.91
		Mid	27924.96	SISO	CP-OFDM	64QAM	39		V	56	352	1/15	23.49	43.00	-19.51
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	39		V	327	359	1/15	29.00	43.00	-14.00
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	39		V	327	359	1/15	**29.02**	43.00	-13.98
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	39		V	327	359	1/15	28.15	43.00	-14.85
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	39		V	327	359	1/15	26.63	43.00	-16.37
		Mid	27924.96	MIMO	CP-OFDM	QPSK	39	167	V	330	3	1/15	26.15	43.00	-16.85
		Mid	27924.96	MIMO	CP-OFDM	16QAM	39	167	V	330	3	1/15	**26.16**	43.00	-16.84
		Mid	27924.96	MIMO	CP-OFDM	64QAM	39	167	V	330	3	1/15	24.24	43.00	-18.76
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	47	24	1/15	**28.24**	43.00	-14.76
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	47	24	1/15	28.22	43.00	-14.78
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	47	24	1/15	27.64	43.00	-15.36
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	47	24	1/15	25.15	43.00	-17.85
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	324	23	1/15	**29.85**	43.00	-13.15
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	324	23	1/15	29.73	43.00	-13.27
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	324	23	1/15	28.29	43.00	-14.71
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	324	23	1/15	27.22	43.00	-15.78
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	323	28	1/15	**29.82**	43.00	-13.18
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	323	28	1/15	29.60	43.00	-13.40
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	323	28	1/15	28.66	43.00	-14.34
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	323	28	1/15	27.24	43.00	-15.76
50+50	2	Mid	27924.96	SISO	CP-OFDM	QPSK	39		V	329	1	1/15	22.14	43.00	-20.86
		Mid	27924.96	SISO	CP-OFDM	16QAM	39		V	329	1	1/15	22.18	43.00	-20.82
		Mid	27924.96	SISO	CP-OFDM	64QAM	39		V	329	1	1/15	**22.92**	43.00	-20.08
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	39		V	329	1	32 / 0	21.33	43.00	-21.67
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	39		V	329	1	1/15	21.95	43.00	-21.05
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	39		V	329	1	1/15	**22.09**	43.00	-20.91
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	39		V	329	1	32 / 0	21.33	43.00	-21.67
		Mid	27924.96	MIMO	CP-OFDM	QPSK	39	167	V	329	4	32 / 0	19.23	43.00	-23.77
		Mid	27924.96	MIMO	CP-OFDM	16QAM	39	167	V	329	4	1/15	**20.98**	43.00	-22.02
		Mid	27924.96	MIMO	CP-OFDM	64QAM	39	167	V	329	4	1/15	19.30	43.00	-23.70
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	46	22	32 / 0	20.92	43.00	-22.08
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	46	22	1/31	20.49	43.00	-22.51
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	46	22	1/31	**20.94**	43.00	-22.06
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	46	22	1 / 0	20.57	43.00	-22.43
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	325	36	32 / 0	22.01	43.00	-20.99
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	325	36	32 / 0	21.96	43.00	-21.04
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	325	36	1/15	22.70	43.00	-20.30
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	325	36	1/15	**22.92**	43.00	-20.08
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	326	24	1/15	22.85	43.00	-20.15
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	326	24	32 / 0	22.88	43.00	-20.12
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	326	24	32 / 0	22.94	43.00	-20.06
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	326	24	1 / 0	**23.11**	43.00	-19.89

Table 7-18. Ant M3 EIRP Data (Band n261 - 50MHz/50+50MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
100	1	Mid	27924.96	SISO	CP-OFDM	QPSK	39		V	327	359	1/32	**27.14**	43.00	-15.86
		Mid	27924.96	SISO	CP-OFDM	16QAM	39		V	327	359	1/32	26.05	43.00	-16.95
		Mid	27924.96	SISO	CP-OFDM	64QAM	39		V	327	359	1/32	24.11	43.00	-18.89
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	39		V	327	359	1/32	**29.54**	43.00	-13.46
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	39		V	327	359	1/32	28.84	43.00	-14.16
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	39		V	327	359	1/32	28.59	43.00	-14.41
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	39		V	327	359	1/32	26.49	43.00	-16.51
		Mid	27924.96	MIMO	CP-OFDM	QPSK	39	167	V	308	3	1/32	**26.59**	43.00	-16.41
		Mid	27924.96	MIMO	CP-OFDM	16QAM	39	167	V	308	3	1/32	26.16	43.00	-16.84
		Mid	27924.96	MIMO	CP-OFDM	64QAM	39	167	V	308	3	1/32	23.74	43.00	-19.26
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	47	24	1/32	**28.60**	43.00	-14.40
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	47	24	1/32	28.51	43.00	-14.49
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	47	24	1/32	27.22	43.00	-15.78
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	47	24	1/32	25.19	43.00	-17.81
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	324	23	1/32	**29.79**	43.00	-13.21
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	324	23	1/32	29.63	43.00	-13.37
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	324	23	1/32	28.64	43.00	-14.36
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	324	23	1/32	26.84	43.00	-16.16
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	323	28	1/32	**29.43**	43.00	-13.57
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	323	28	1/32	29.23	43.00	-13.77
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	323	28	1/32	28.67	43.00	-14.33
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	323	28	1/32	27.19	43.00	-15.81
100 + 100	2	Mid	27924.96	SISO	CP-OFDM	QPSK	39		V	326	358	1/32	**21.74**	43.00	-21.26
		Mid	27924.96	SISO	CP-OFDM	16QAM	39		V	326	358	1/32	21.59	43.00	-21.41
		Mid	27924.96	SISO	CP-OFDM	64QAM	39		V	326	358	1/0	21.41	43.00	-21.59
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	39		V	326	358	66 / 0	21.46	43.00	-21.54
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	39		V	326	358	1/0	21.76	43.00	-21.24
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	39		V	326	358	66 / 0	21.46	43.00	-21.54
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	39		V	326	358	1/32	**21.80**	43.00	-21.20
		Mid	27924.96	MIMO	CP-OFDM	QPSK	39	167	V	327	6	1/0	20.27	43.00	-22.73
		Mid	27924.96	MIMO	CP-OFDM	16QAM	39	167	V	327	6	1/0	**20.82**	43.00	-22.18
		Mid	27924.96	MIMO	CP-OFDM	64QAM	39	167	V	327	6	1/0	20.69	43.00	-22.31
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	315	213	64/ 0	21.67	43.00	-21.33
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	315	213	1/65	21.41	43.00	-21.59
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	315	213	1/65	21.62	43.00	-21.38
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	315	213	1/65	**21.79**	43.00	-21.21
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	325	36	64/ 0	21.95	43.00	-21.05
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	325	36	64/ 0	22.00	43.00	-21.00
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	325	36	1/0	**22.29**	43.00	-20.71
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	325	36	1/32	22.17	43.00	-20.83
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	325	26	64/ 0	22.71	43.00	-20.29
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	325	26	64/ 0	22.70	43.00	-20.30
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	325	26	1/32	**22.80**	43.00	-20.20
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	325	26	64/ 0	22.72	43.00	-20.28

Table 7-19. Ant M3 EIRP Data (Band n261 - 100MHz/100+100MHz)

Band n260

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
50	1	Mid	27924.96	SISO	CP-OFDM	QPSK	45		V	82	274	1/15	20.98	43.00	-22.02
		Mid	27924.96	SISO	CP-OFDM	16QAM	45		V	82	274	1/15	**22.69**	43.00	-20.31
		Mid	27924.96	SISO	CP-OFDM	64QAM	45		V	82	274	1/15	17.67	43.00	-25.33
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	45		V	82	274	1/15	**24.10**	43.00	-18.90
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	45		V	82	274	1/15	23.80	43.00	-19.20
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	45		V	82	274	1/15	23.39	43.00	-19.61
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	45		V	82	274	1/15	20.48	43.00	-22.52
		Mid	27924.96	MIMO	CP-OFDM	QPSK	45	173	V	83	275	1/15	**23.69**	43.00	-19.31
		Mid	27924.96	MIMO	CP-OFDM	16QAM	45	173	V	83	275	1/31	**23.69**	43.00	-19.31
		Mid	27924.96	MIMO	CP-OFDM	64QAM	45	173	V	83	275	1/31	20.98	43.00	-22.02
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	V	82	275	1/31	**31.33**	43.00	-11.67
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	V	82	275	1/31	31.15	43.00	-11.85
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	V	82	275	1/31	30.13	43.00	-12.87
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	V	82	275	1/31	28.35	43.00	-14.65
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	V	83	275	1/31	28.91	43.00	-14.09
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	V	83	275	1/31	**29.06**	43.00	-13.94
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	V	83	275	1/31	28.10	43.00	-14.90
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	V	83	275	1/31	25.67	43.00	-17.33
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	V	262	146	1/15	25.73	43.00	-17.27
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	V	262	146	1/15	**25.84**	43.00	-17.16
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	V	262	146	1/15	24.82	43.00	-18.18
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	V	262	146	1/15	22.74	43.00	-20.26
50+50	2	Mid	27924.96	SISO	CP-OFDM	QPSK	45		V	81	268	1/15	**18.10**	43.00	-24.90
		Mid	27924.96	SISO	CP-OFDM	16QAM	45		V	81	268	32 / 0	18.03	43.00	-24.97
		Mid	27924.96	SISO	CP-OFDM	64QAM	45		V	81	268	32 / 0	15.38	43.00	-27.62
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	45		V	81	268	32 / 0	17.94	43.00	-25.06
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	45		V	81	268	32 / 0	17.95	43.00	-25.05
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	45		V	81	268	32 / 0	17.78	43.00	-25.22
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	45		V	81	268	32 / 0	**18.06**	43.00	-24.94
		Mid	27924.96	MIMO	CP-OFDM	QPSK	45	173	V	85	269	1/15	17.25	43.00	-25.75
		Mid	27924.96	MIMO	CP-OFDM	16QAM	45	173	V	85	269	1/15	17.46	43.00	-25.54
		Mid	27924.96	MIMO	CP-OFDM	64QAM	45	173	V	85	269	1/15	**17.52**	43.00	-25.48
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	V	82	269	1/31	24.67	43.00	-18.33
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	V	82	269	1/31	24.81	43.00	-18.19
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	V	82	269	1/31	25.06	43.00	-17.94
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	V	82	269	1/31	**25.20**	43.00	-17.80
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	V	85	269	32 / 0	22.84	43.00	-20.16
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	V	85	269	32 / 0	22.87	43.00	-20.13
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	V	85	269	32 / 0	22.82	43.00	-20.18
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	V	85	269	32 / 0	**22.93**	43.00	-20.07
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	H	119	267	32 / 0	18.53	43.00	-24.47
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	H	119	267	32 / 0	**18.69**	43.00	-24.31
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	H	119	267	32 / 0	18.48	43.00	-24.52
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	H	119	267	32 / 0	18.56	43.00	-24.44

Table 7-20. Ant M0 EIRP Data (Band n260 - 50MHz/50+50MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
100	1	Mid	27924.96	SISO	CP-OFDM	QPSK	45		V	289	42	1/32	**20.36**	43.00	-22.64
		Mid	27924.96	SISO	CP-OFDM	16QAM	45		V	289	42	1/32	20.26	43.00	-22.74
		Mid	27924.96	SISO	CP-OFDM	64QAM	45		V	289	42	1/32	17.73	43.00	-25.27
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	45		V	290	44	1/32	**21.36**	43.00	-21.64
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	45		V	290	44	1/32	21.31	43.00	-21.69
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	45		V	290	44	1/32	20.00	43.00	-23.00
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	45		V	290	44	1/32	18.44	43.00	-24.56
		Mid	27924.96	MIMO	CP-OFDM	QPSK	45	173	V	86	268	1/32	**23.88**	43.00	-19.12
		Mid	27924.96	MIMO	CP-OFDM	16QAM	45	173	V	86	268	1/32	22.91	43.00	-20.09
		Mid	27924.96	MIMO	CP-OFDM	64QAM	45	173	V	86	268	1/32	21.17	43.00	-21.83
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	V	83	269	1/32	**31.05**	43.00	-11.95
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	V	83	269	1/32	30.85	43.00	-12.15
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	V	83	269	1/32	30.27	43.00	-12.73
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	V	83	269	1/32	27.27	43.00	-15.73
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	V	84	268	1/32	27.96	43.00	-15.04
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	V	84	268	1/32	**27.97**	43.00	-15.03
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	V	84	268	1/32	26.88	43.00	-16.12
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	V	84	268	1/32	24.71	43.00	-18.29
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	H	118	266	1/32	25.16	43.00	-17.84
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	H	118	266	1/32	**25.52**	43.00	-17.48
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	H	118	266	1/32	23.97	43.00	-19.03
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	H	118	266	1/32	21.86	43.00	-21.14
100 + 100	2	Mid	27924.96	SISO	CP-OFDM	QPSK	45		V	290	41	66 / 0	16.16	43.00	-26.84
		Mid	27924.96	SISO	CP-OFDM	16QAM	45		V	290	41	66 / 0	**16.40**	43.00	-26.60
		Mid	27924.96	SISO	CP-OFDM	64QAM	45		V	290	41	1/65	14.20	43.00	-28.80
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	45		V	290	41	66 / 0	16.29	43.00	-26.71
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	45		V	290	41	66 / 0	16.35	43.00	-26.65
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	45		V	290	41	66 / 0	**16.37**	43.00	-26.63
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	45		V	290	41	66 / 0	16.25	43.00	-26.75
		Mid	27924.96	MIMO	CP-OFDM	QPSK	45	173	V	86	268	1/65	16.93	43.00	-26.07
		Mid	27924.96	MIMO	CP-OFDM	16QAM	45	173	V	86	268	1/65	16.86	43.00	-26.14
		Mid	27924.96	MIMO	CP-OFDM	64QAM	45	173	V	86	268	1/65	**17.24**	43.00	-25.76
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	V	86	269	64/ 0	21.91	43.00	-21.09
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	V	86	269	1/65	22.42	43.00	-20.58
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	V	86	269	1/65	**22.51**	43.00	-20.49
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	V	86	269	1/65	22.28	43.00	-20.72
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	V	86	269	64/ 0	22.67	43.00	-20.33
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	V	86	269	64/ 0	22.68	43.00	-20.32
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	V	86	269	64/ 0	**22.75**	43.00	-20.25
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	V	86	269	64/ 0	22.61	43.00	-20.39
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	45	173	H	266	85	64/ 0	18.92	43.00	-24.08
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	QPSK	45	173	H	266	85	64/ 0	18.96	43.00	-24.04
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	16QAM	45	173	H	266	85	64/ 0	**19.02**	43.00	-23.98
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	64QAM	45	173	H	266	85	64/ 0	18.94	43.00	-24.06

Table 7-21. Ant M0 EIRP Data (Band n260 - 100MHz/100+100MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
50	1	Mid	27924.96	SISO	CP-OFDM	QPSK	39		V	75	352	1/15	**23.99**	43.00	-19.01
		Mid	27924.96	SISO	CP-OFDM	16QAM	39		V	75	352	1/15	22.87	43.00	-20.13
		Mid	27924.96	SISO	CP-OFDM	64QAM	39		V	75	352	1/15	21.29	43.00	-21.71
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	39		V	75	352	1/15	**25.88**	43.00	-17.12
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	39		V	75	352	1/15	25.63	43.00	-17.37
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	39		V	75	352	1/15	24.25	43.00	-18.75
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	39		V	75	352	1/15	22.85	43.00	-20.15
		Mid	27924.96	MIMO	CP-OFDM	QPSK	39	167	H	11	342	1/15	23.35	43.00	-19.65
		Mid	27924.96	MIMO	CP-OFDM	16QAM	39	167	H	11	342	1/15	**23.43**	43.00	-19.57
		Mid	27924.96	MIMO	CP-OFDM	64QAM	39	167	H	11	342	1/15	20.74	43.00	-22.26
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	15	324	1/15	**27.68**	43.00	-15.32
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	15	324	1/15	27.48	43.00	-15.52
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	15	324	1/15	26.58	43.00	-16.42
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	15	324	1/15	23.54	43.00	-19.46
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	11	342	1/15	**26.19**	43.00	-16.81
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	11	342	1/15	26.05	43.00	-16.95
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	11	342	1/15	24.96	43.00	-18.04
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	11	342	1/15	22.68	43.00	-20.32
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	11	342	1/15	**23.45**	43.00	-19.55
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	11	342	1/15	23.33	43.00	-19.67
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	11	342	1/15	22.16	43.00	-20.84
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	11	342	1/15	20.41	43.00	-22.59
50+50	2	Mid	27924.96	SISO	CP-OFDM	QPSK	39		V	75	354	1/15	19.07	43.00	-23.93
		Mid	27924.96	SISO	CP-OFDM	16QAM	39		V	75	354	32 / 0	**19.12**	43.00	-23.88
		Mid	27924.96	SISO	CP-OFDM	64QAM	39		V	75	354	32 / 0	16.63	43.00	-26.37
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	39		V	75	354	32 / 0	**19.24**	43.00	-23.76
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	39		V	75	354	32 / 0	19.14	43.00	-23.86
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	39		V	75	354	32 / 0	19.11	43.00	-23.89
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	39		V	75	354	32 / 0	19.06	43.00	-23.94
		Mid	27924.96	MIMO	CP-OFDM	QPSK	39	167	H	348	345	1 / 0	16.26	43.00	-26.74
		Mid	27924.96	MIMO	CP-OFDM	16QAM	39	167	H	348	345	1/15	**16.37**	43.00	-26.63
		Mid	27924.96	MIMO	CP-OFDM	64QAM	39	167	H	348	345	32 / 0	14.35	43.00	-28.65
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	12	330	1/31	20.78	43.00	-22.22
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	12	330	1/31	20.93	43.00	-22.07
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	12	330	1/31	21.12	43.00	-21.88
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	12	330	1/31	**21.15**	43.00	-21.85
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	348	345	32 / 0	19.74	43.00	-23.26
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	348	345	32 / 0	19.78	43.00	-23.22
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	348	345	32 / 0	**19.93**	43.00	-23.07
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	348	345	32 / 0	19.69	43.00	-23.31
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	11	353	32 / 0	17.41	43.00	-25.59
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	11	353	32 / 0	17.49	43.00	-25.51
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	11	353	32 / 0	**17.53**	43.00	-25.47
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	11	353	1 / 0	17.47	43.00	-25.53

Table 7-22. Ant M2 EIRP Data (Band n260 - 50MHz/50+50MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
100	1	Mid	27924.96	SISO	CP-OFDM	QPSK	39		V	103	183	1/32	**22.47**	43.00	-20.53
		Mid	27924.96	SISO	CP-OFDM	16QAM	39		V	103	183	1/32	22.01	43.00	-20.99
		Mid	27924.96	SISO	CP-OFDM	64QAM	39		V	103	183	1/32	19.05	43.00	-23.95
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	39		V	103	183	1/32	**24.79**	43.00	-18.21
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	39		V	103	183	1/32	24.72	43.00	-18.28
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	39		V	103	183	1/32	23.65	43.00	-19.35
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	39		V	103	183	1/32	20.00	43.00	-23.00
		Mid	27924.96	MIMO	CP-OFDM	QPSK	39	167	H	156	7	1/32	**22.94**	43.00	-20.06
		Mid	27924.96	MIMO	CP-OFDM	16QAM	39	167	H	156	7	1/32	22.90	43.00	-20.10
		Mid	27924.96	MIMO	CP-OFDM	64QAM	39	167	H	156	7	1/32	20.30	43.00	-22.70
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	325	17	1/32	27.53	43.00	-15.47
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	325	17	1/32	**27.57**	43.00	-15.43
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	325	17	1/32	26.36	43.00	-16.64
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	325	17	1/32	24.35	43.00	-18.65
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	156	7	1/0	25.81	43.00	-17.19
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	156	7	1/32	**26.21**	43.00	-16.79
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	156	7	1/32	25.69	43.00	-17.31
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	156	7	1/32	23.19	43.00	-19.81
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	353	13	1/32	**23.62**	43.00	-19.38
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	353	13	1/32	23.55	43.00	-19.45
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	353	13	1/32	22.58	43.00	-20.42
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	353	13	1/32	20.88	43.00	-22.12
100 + 100	2	Mid	27924.96	SISO	CP-OFDM	QPSK	39		V	79	4	66 / 0	19.34	43.00	-23.66
		Mid	27924.96	SISO	CP-OFDM	16QAM	39		V	79	4	66 / 0	**19.42**	43.00	-23.58
		Mid	27924.96	SISO	CP-OFDM	64QAM	39		V	79	4	66 / 0	16.78	43.00	-26.22
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	39		V	79	4	66 / 0	19.25	43.00	-23.75
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	39		V	79	4	66 / 0	19.22	43.00	-23.78
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	39		V	79	4	66 / 0	19.16	43.00	-23.84
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	39		V	79	4	66 / 0	**19.34**	43.00	-23.66
		Mid	27924.96	MIMO	CP-OFDM	QPSK	39	167	H	8	161	1/65	15.82	43.00	-27.18
		Mid	27924.96	MIMO	CP-OFDM	16QAM	39	167	H	8	161	1/65	15.36	43.00	-27.64
		Mid	27924.96	MIMO	CP-OFDM	64QAM	39	167	H	8	161	1/65	**15.92**	43.00	-27.08
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	16	321	1/65	20.37	43.00	-22.63
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	16	321	1/65	**20.92**	43.00	-22.08
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	16	321	1/65	20.39	43.00	-22.61
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	16	321	1/65	20.75	43.00	-22.25
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	8	161	64/ 0	20.12	43.00	-22.88
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	8	161	64/ 0	20.12	43.00	-22.88
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	8	161	64/ 0	**20.19**	43.00	-22.81
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	8	161	64/ 0	20.16	43.00	-22.84
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	39	167	H	10	355	64/ 0	17.88	43.00	-25.12
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	QPSK	39	167	H	10	355	64/ 0	17.92	43.00	-25.08
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	16QAM	39	167	H	10	355	1/0	17.88	43.00	-25.12
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	64QAM	39	167	H	10	355	64/ 0	**17.93**	43.00	-25.07

Table 7-23. Ant M2 EIRP Data (Band n260 - 100MHz/100+100MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
50	1	Mid	27924.96	SISO	CP-OFDM	QPSK	43		V	263	3	1/15	21.79	43.00	-21.21
		Mid	27924.96	SISO	CP-OFDM	16QAM	43		V	263	3	32 / 0	**22.51**	43.00	-20.49
		Mid	27924.96	SISO	CP-OFDM	64QAM	43		V	263	3	1/15	21.22	43.00	-21.78
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	43		V	263	3	1/15	26.42	43.00	-16.58
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	43		V	263	3	1/15	**26.88**	43.00	-16.12
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	43		V	263	3	1/15	24.91	43.00	-18.09
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	43		V	263	3	1/15	22.82	43.00	-20.18
		Mid	27924.96	MIMO	CP-OFDM	QPSK	43	171	H	14	313	1 / 0	**22.97**	43.00	-20.03
		Mid	27924.96	MIMO	CP-OFDM	16QAM	43	171	H	14	313	1/15	22.53	43.00	-20.47
		Mid	27924.96	MIMO	CP-OFDM	64QAM	43	171	H	14	313	1/15	20.35	43.00	-22.65
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	11	328	1/15	**27.54**	43.00	-15.46
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	11	328	1/15	27.37	43.00	-15.63
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	11	328	1/15	26.38	43.00	-16.62
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	11	328	1/15	24.48	43.00	-18.52
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	15	308	1/15	**27.19**	43.00	-15.81
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	15	308	1/15	26.91	43.00	-16.09
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	15	308	1/15	25.93	43.00	-17.07
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	15	308	1/15	23.66	43.00	-19.34
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	279	3	1/15	23.63	43.00	-19.37
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	279	3	1/15	**24.02**	43.00	-18.98
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	279	3	1/15	22.98	43.00	-20.02
		High	28324.92	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	279	3	1/15	20.39	43.00	-22.61
50+50	2	Mid	27924.96	SISO	CP-OFDM	QPSK	43		V	260	356	32 / 0	20.34	43.00	-22.66
		Mid	27924.96	SISO	CP-OFDM	16QAM	43		V	260	356	1 / 0	**20.76**	43.00	-22.24
		Mid	27924.96	SISO	CP-OFDM	64QAM	43		V	260	356	1/15	18.88	43.00	-24.12
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	43		V	260	356	32 / 0	20.42	43.00	-22.58
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	43		V	260	356	32 / 0	**20.44**	43.00	-22.56
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	43		V	260	356	32 / 0	20.35	43.00	-22.65
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	43		V	260	356	32 / 0	20.23	43.00	-22.77
		Mid	27924.96	MIMO	CP-OFDM	QPSK	43	171	H	11	312	32 / 0	15.25	43.00	-27.75
		Mid	27924.96	MIMO	CP-OFDM	16QAM	43	171	H	11	312	1/15	15.31	43.00	-27.69
		Mid	27924.96	MIMO	CP-OFDM	64QAM	43	171	H	11	312	1/31	**15.46**	43.00	-27.54
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	16	318	1/31	21.38	43.00	-21.62
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	16	318	1/31	21.38	43.00	-21.62
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	16	318	1 / 0	21.77	43.00	-21.23
		Low	27525.00	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	16	318	1/31	**22.15**	43.00	-20.85
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	11	312	32 / 0	21.36	43.00	-21.64
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	11	312	32 / 0	21.40	43.00	-21.60
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	11	312	32 / 0	21.45	43.00	-21.55
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	11	312	1/15	**21.48**	43.00	-21.52
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	284	359	1/31	18.38	43.00	-24.62
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	284	359	1/31	18.64	43.00	-24.36
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	284	359	32 / 0	18.19	43.00	-24.81
		High	28274.98	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	284	359	1/31	**19.07**	43.00	-23.93

Table 7-24. Ant M3 EIRP Data (Band n260 - 50MHz/50+50MHz)

Bandwidth (MHz)	CCs Active	Channel	Frequency [MHz]	Antenna Diversity	Waveform	Modulation	Peak Beam ID	Paired Beam ID	Ant. Pol. [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	RB Size/Offset	Average EIRP [dBm]	TRP Limit [dBm]	Margin [dB]
100	1	Mid	27924.96	SISO	CP-OFDM	QPSK	43		V	263	3	1/32	22.54	43.00	-20.46
		Mid	27924.96	SISO	CP-OFDM	16QAM	43		V	263	3	1/32	**22.94**	43.00	-20.06
		Mid	27924.96	SISO	CP-OFDM	64QAM	43		V	263	3	1/32	21.69	43.00	-21.31
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	43		V	263	3	1/32	**26.82**	43.00	-16.18
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	43		V	263	3	1/32	26.79	43.00	-16.21
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	43		V	263	3	1/32	25.43	43.00	-17.57
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	43		V	263	3	1/32	23.03	43.00	-19.97
		Mid	27924.96	MIMO	CP-OFDM	QPSK	43	171	H	14	313	1/65	**22.52**	43.00	-20.48
		Mid	27924.96	MIMO	CP-OFDM	16QAM	43	171	H	14	313	1/32	21.95	43.00	-21.05
		Mid	27924.96	MIMO	CP-OFDM	64QAM	43	171	H	14	313	1/32	20.29	43.00	-22.71
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	11	328	1/32	**27.93**	43.00	-15.07
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	11	328	1/32	27.74	43.00	-15.26
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	11	328	1/32	26.96	43.00	-16.04
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	11	328	1/32	24.62	43.00	-18.38
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	15	308	1/32	**26.84**	43.00	-16.16
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	15	308	1/32	26.63	43.00	-16.37
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	15	308	1/32	25.72	43.00	-17.28
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	15	308	1/32	23.62	43.00	-19.38
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	285	9	1/32	**25.89**	43.00	-17.11
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	285	9	1/32	25.83	43.00	-17.17
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	285	9	1/32	24.46	43.00	-18.54
		High	28299.96	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	285	9	1/32	21.84	43.00	-21.16
100 + 100	2	Mid	27924.96	SISO	CP-OFDM	QPSK	43		V	260	356	1/32	**20.90**	43.00	-22.10
		Mid	27924.96	SISO	CP-OFDM	16QAM	43		V	260	356	1/65	20.40	43.00	-22.60
		Mid	27924.96	SISO	CP-OFDM	64QAM	43		V	260	356	1/65	18.40	43.00	-24.60
		Mid	27924.96	SISO	DFT-s-OFDM	π/2 BPSK	43		V	260	356	66 / 0	20.42	43.00	-22.58
		Mid	27924.96	SISO	DFT-s-OFDM	QPSK	43		V	260	356	66 / 0	20.46	43.00	-22.54
		Mid	27924.96	SISO	DFT-s-OFDM	16QAM	43		V	260	356	66 / 0	20.43	43.00	-22.57
		Mid	27924.96	SISO	DFT-s-OFDM	64QAM	43		V	260	356	66 / 0	**20.54**	43.00	-22.46
		Mid	27924.96	MIMO	CP-OFDM	QPSK	43	171	H	13	310	1/32	**15.51**	43.00	-27.49
		Mid	27924.96	MIMO	CP-OFDM	16QAM	43	171	H	13	310	66 / 0	15.38	43.00	-27.62
		Mid	27924.96	MIMO	CP-OFDM	64QAM	43	171	H	13	310	1/32	**15.51**	43.00	-27.49
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	16	318	1/32	21.14	43.00	-21.86
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	16	318	1/32	21.20	43.00	-21.80
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	16	318	64/ 0	21.02	43.00	-21.98
		Low	27550.08	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	16	318	1/32	**21.73**	43.00	-21.27
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	11	312	64/ 0	21.51	43.00	-21.49
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	11	312	64/ 0	21.49	43.00	-21.51
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	11	312	64/ 0	**21.54**	43.00	-21.46
		Mid	27924.96	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	11	312	64/ 0	21.50	43.00	-21.50
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	π/2 BPSK	43	171	H	284	359	64/ 0	18.02	43.00	-24.98
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	QPSK	43	171	H	284	359	64/ 0	17.98	43.00	-25.02
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	16QAM	43	171	H	284	359	1/65	18.07	43.00	-24.93
		High	28200.02	SISO Dual Pol	DFT-s-OFDM	64QAM	43	171	H	284	359	1/32	**18.64**	43.00	-24.36

Table 7-25. Ant M3 EIRP Data (Band n260 - 100MHz/100+100MHz)

7.4 Radiated Spurious and Harmonic Emissions

§2.1051, §30.203

Test Overview

The spectrum is scanned from 9kHz to 100GHz for n261 and from 9kHz to 200GHz for n260. All out of band emissions are measured in a radiated test setup while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All modulations were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

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 5.7.4
KDB 842590 D01 v01r01 Section 4.4.2 and Section 4.4.3

Test Settings

1. Start frequency was set to 9kHz and stop frequency was set to 100 GHz for n261 and 200GHz for n260. Several plots are used to show investigations in this entire span.
2. RBW =
    a. 9kHz (For emissions from 9kHz – 30MHz)
    b. 120kHz (For emissions from 30MHz – 1GHz)
    c. 1MHz (For emissions above 1GHz)
3. VBW =
    a. 30kHz (For emissions from 9kHz – 30MHz)
    b. 300kHz (For emissions from 30MHz – 1GHz)
    c. 3MHz (For emissions above 1GHz)
4. Detector = RMS
5. Trace mode = trace average
6. Sweep time = auto couple
7. Number of sweep points ≥ 2 x Span/RBW
8. The trace was allowed to stabilize

Test Notes

1) The EUT was investigated for all 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.

3) 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.

4) 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 (dBμV/m) + 20log(D) − 104.8; where D is the measurement distance (in the far field region) in m. The field strength E is calculated E (dBμV/m) = Spectrum Analyzer Level (dBm) + Antenna Factor (dB/m) + Cable Loss (dB) + Harmonic Mixer Conversion Loss (dB) + 107. All appropriate Antenna Factor and Cable Loss have been applied in the spectrum analyzer for each measurement. For measurements > 40GHz, Harmonic Mixer Conversion Loss was also applied to the spectrum analyzer.

5) 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/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 7-26. Far-Field Distance & Measurement Distance per Frequency Range

6) No spurious emissions were detected within 20dB of the limit below 30MHz.

7) 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.

8) The "-" shown in the following RSE tables are used to denote a noise floor measurement.

9) The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses.

10) All configurations have been investigated and worse case found to be SISO Dual Pol has been reported.

11) All RSE has been investigated for 1CC and 2CC. 2CC third order intermodulation products were measured and reported in Section 7.5 Band Edge Emissions. For 2CC only worst case 18GHz-40GHz and 40GHz-60GHz RSE plots are reported.

12) 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.

13) For 2CC, emissions within the frequency ranges of 27.375 GHz - 28.475 GHz and 36.875 GHz - 40.1GHz were measured and reported in Section 7.5 Band Edge Emissions.

14) Measured EIRP Emissions within 1dB margin compared to TRP limit have been investigated with TRP measurement and reported in this section.

15) The EUT and measurement equipment were set up as shown in the diagrams in Figures 3-2, 3-3, 3-4, and 3-5.

Spurious Emissions EIRP Sample Calculation

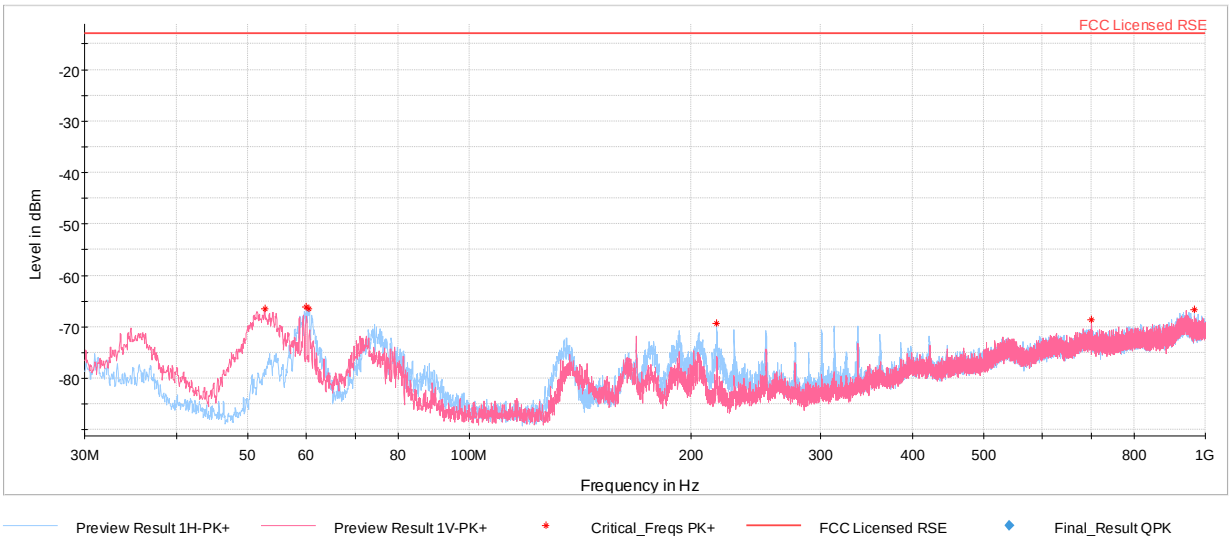
The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors.

RSE EIRP$_{[dBm]}$ = Measured amplitude level$_{[dBm]}$ + 107 + Cable Loss$_{[dB]}$ + Antenna Factor$_{[dB/m]}$+ 20log$_{10}$(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.

Band n261 – Ant M0 – 1CC

30MHz - 1GHz

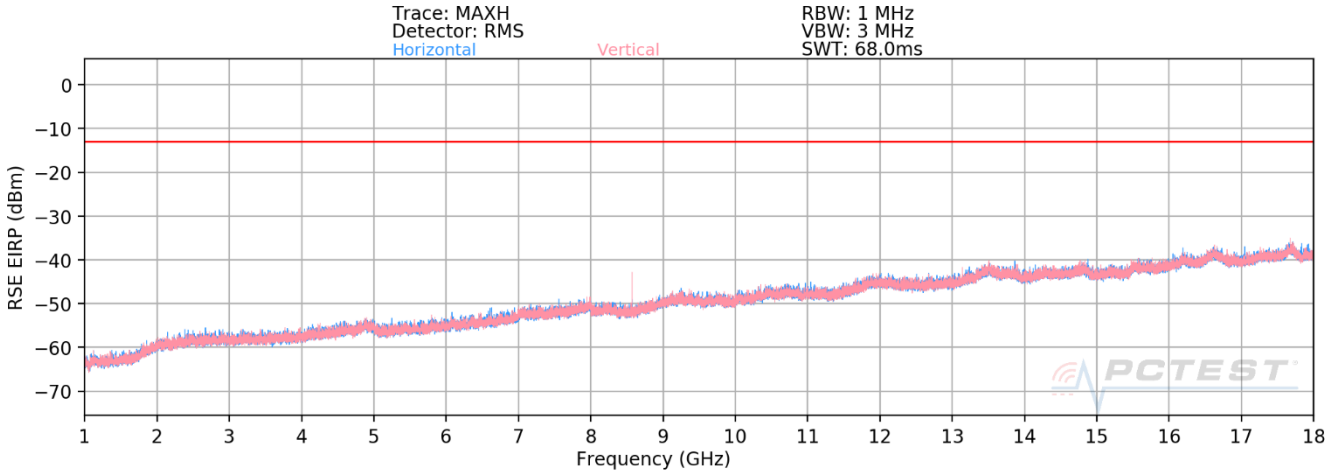


Plot 7-113. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)

Frequency [MHz]	Channnel	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]
52.75	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	62	100	-66.57	-13.00	-53.57
60.07	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	141	250	-66.19	-13.00	-53.19
60.60	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	127	250	-66.51	-13.00	-53.51
216.87	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	195	100	-69.41	-13.00	-56.41
700.95	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	58	250	-68.56	-13.00	-55.56
965.86	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	187	100	-66.63	-13.00	-53.63

Table 7-27. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

1GHz - 18GHz

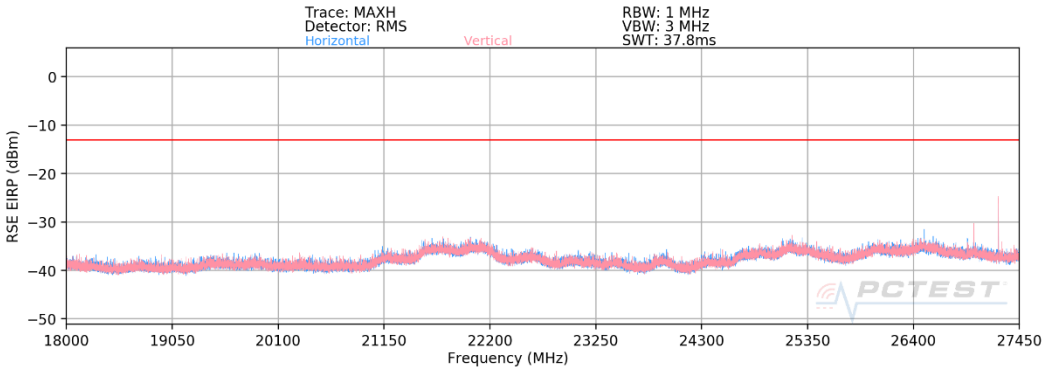


Plot 7-114. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)

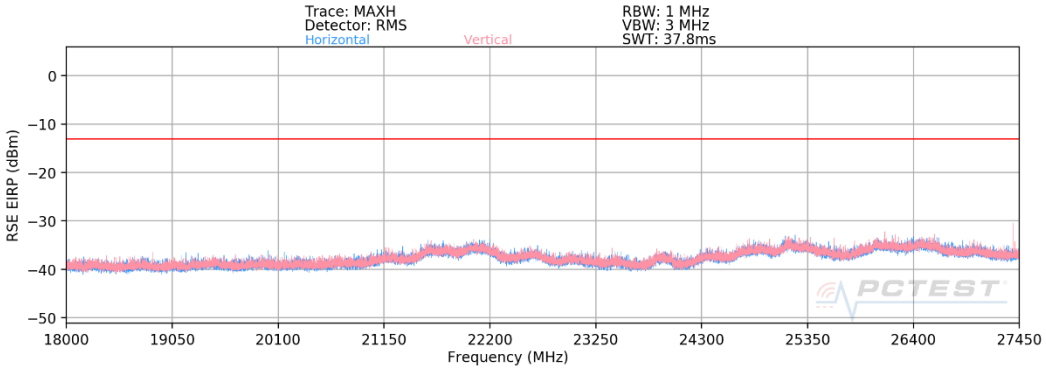
Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Antenna Height [cm]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
8570.40	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	98	261	-45.97	-13.00	-32.97

Table 7-28. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

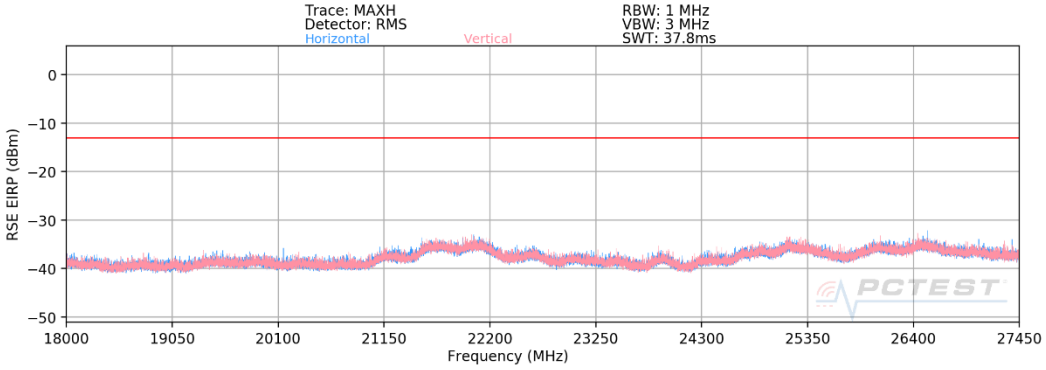
18GHz - 27.45GHz



Plot 7-115. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-116. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



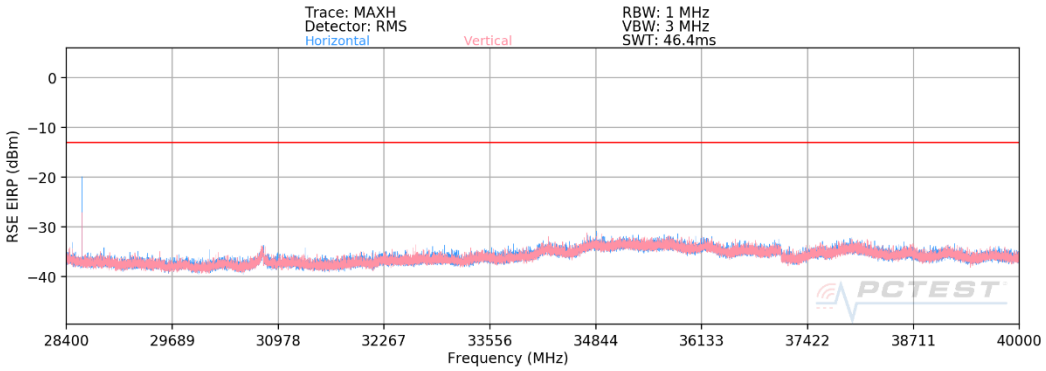
Plot 7-117. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
26572.71	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	100	280	-31.76	-13.00	-18.76
26998.50	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	93	266	-27.99	-13.00	-14.99
27241.84	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	94	264	-21.11	-13.00	-8.11
27386.43	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	92	270	-28.67	-13.00	-15.67

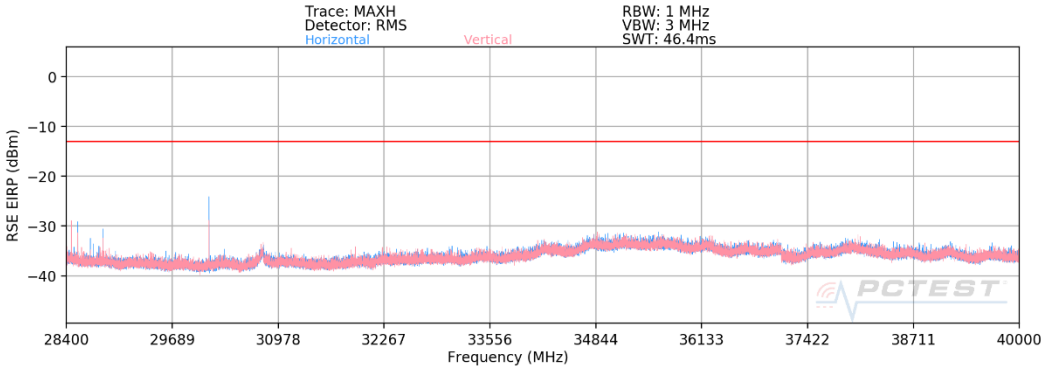
Table 7-29. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

Note: Emissions within the frequency range of 27.45GHz – 27.5GHz were measured and reported in section 7.5 BandEdge Emissions.

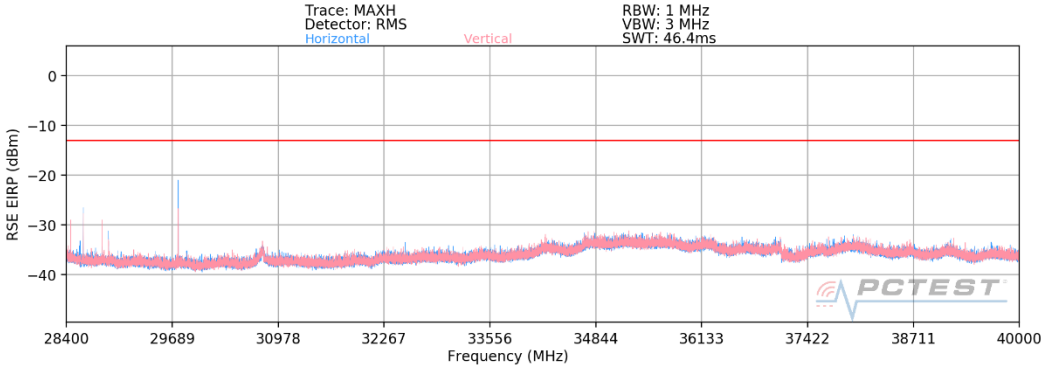
28.4GHz - 40GHz



Plot 7-118. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-119. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



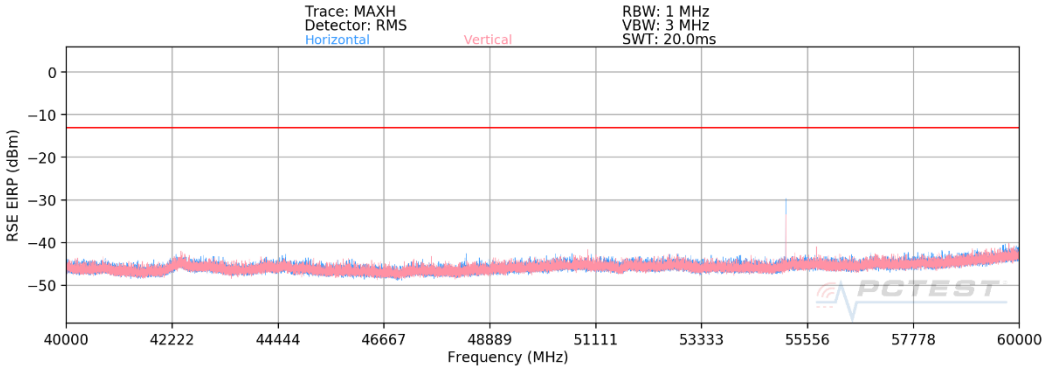
Plot 7-120. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
28591.51	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	101	276	-16.22	-13.00	-3.22
28461.76	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	93	273	-26.65	-13.00	-13.65
28538.50	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	92	265	-27.42	-13.00	-14.42
30136.51	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	102	275	-20.30	-13.00	-7.30
28452.82	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	94	265	-26.68	-13.00	-13.68
28606.51	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	96	274	-23.94	-13.00	-10.94
29761.34	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	101	274	-17.06	-13.00	-4.06

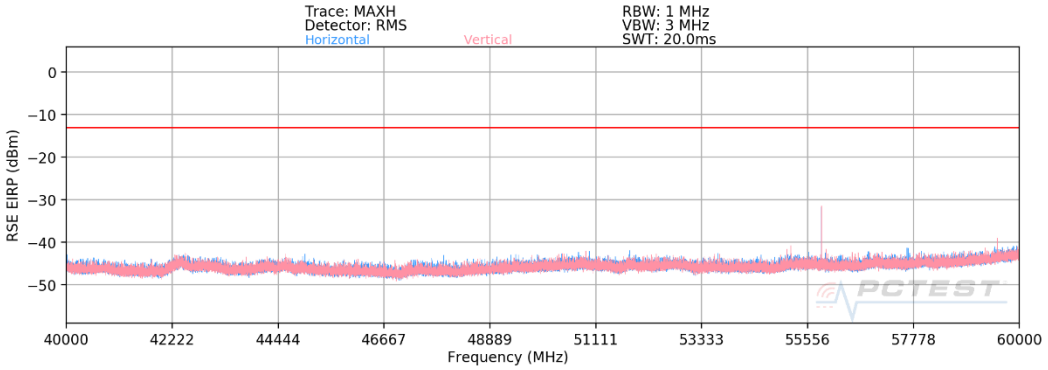
Table 7-30. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

Note: Emissions within the frequency range of 28.35GHz – 28.4GHz were measured and reported in section 7.5 BandEdge Emissions.

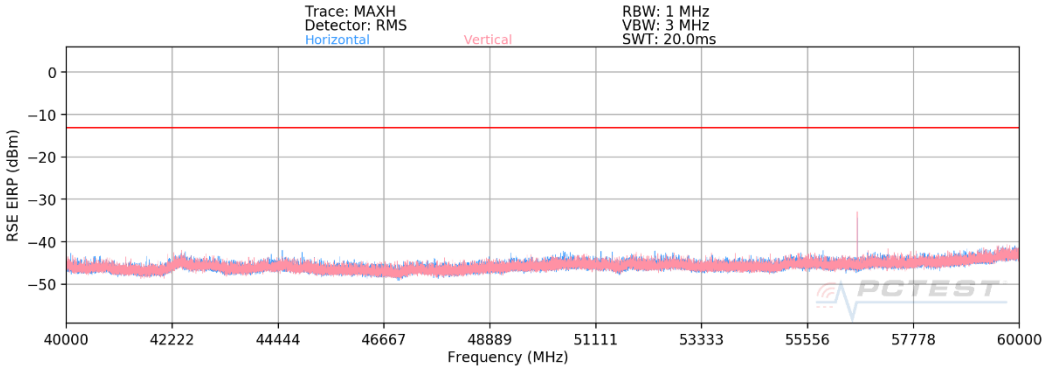
40GHz - 60GHz



Plot 7-121. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



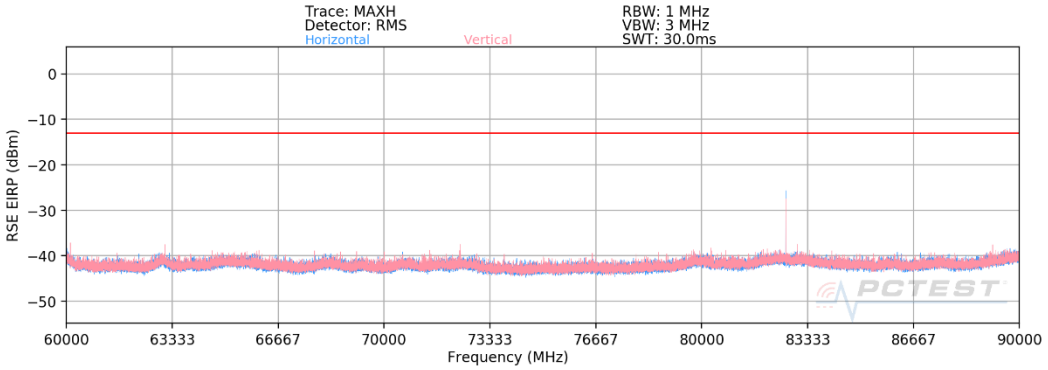
Plot 7-122. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



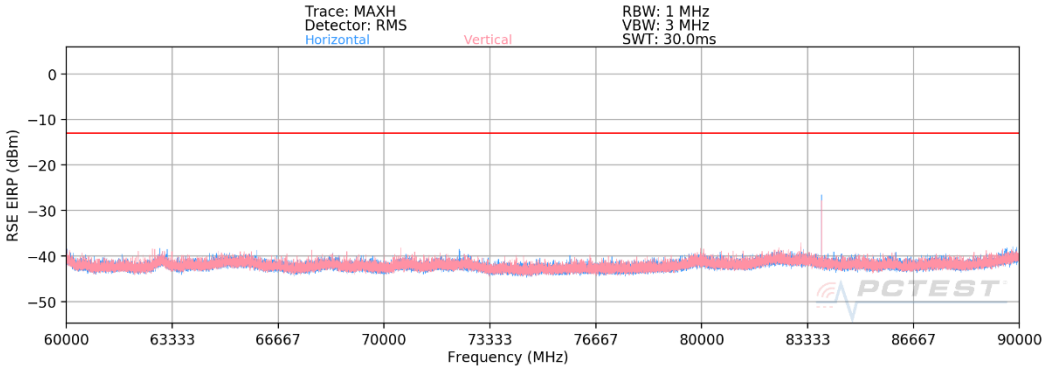
Plot 7-123. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
55098.60	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	100	200	-27.81	-13.00	-14.81
55847.75	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	308	108	-29.60	-13.00	-16.60
56598.30	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	303	101	-32.04	-13.00	-19.04

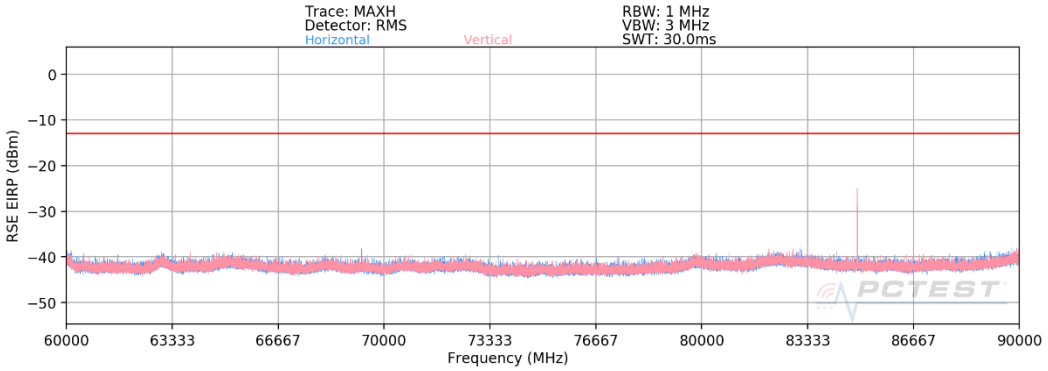
Table 7-31. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)



Plot 7-124. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-125. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)

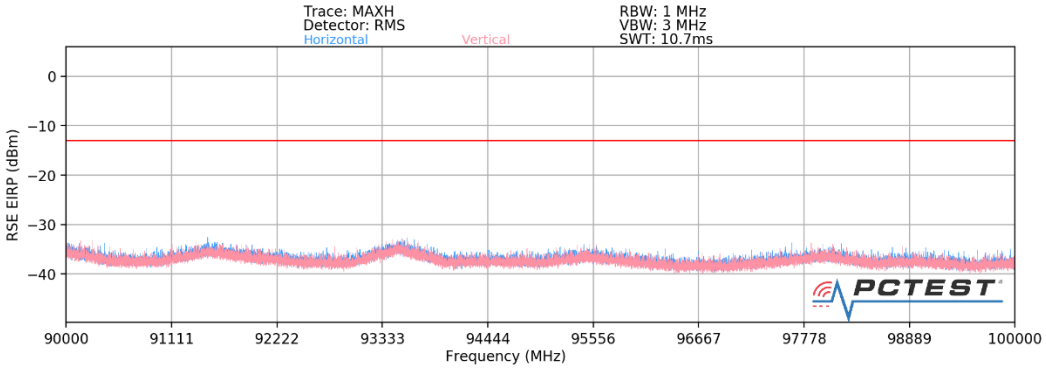


Plot 7-126. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

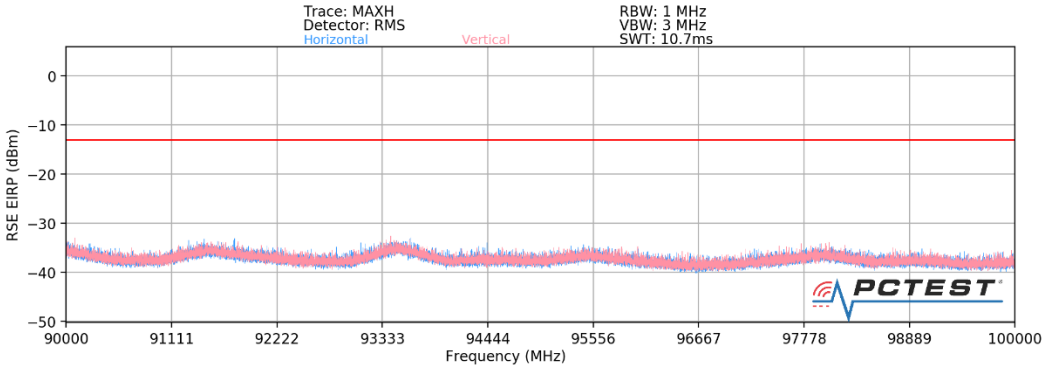
Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
82647.60	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	61	329	-23.29	-13.00	-10.29
83771.70	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	206	262	-25.12	-13.00	-12.12
84897.20	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	289	341	-22.87	-13.00	-9.87

Table 7-32. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

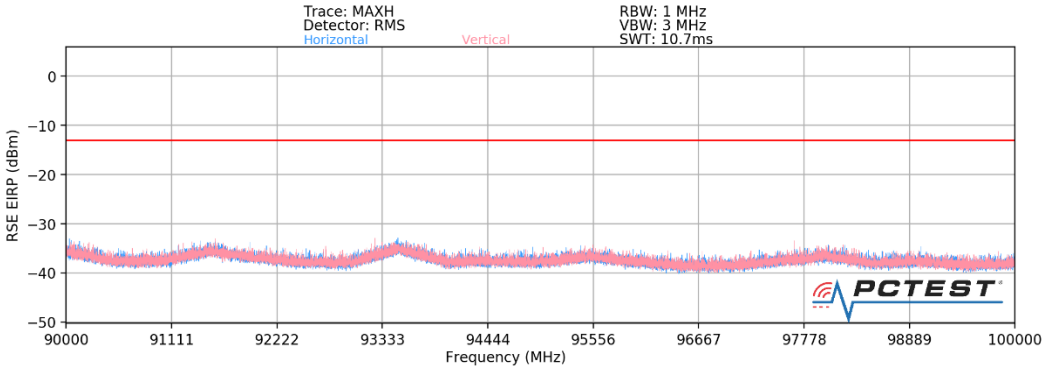
90GHz - 100GHz



Plot 7-127. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-128. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



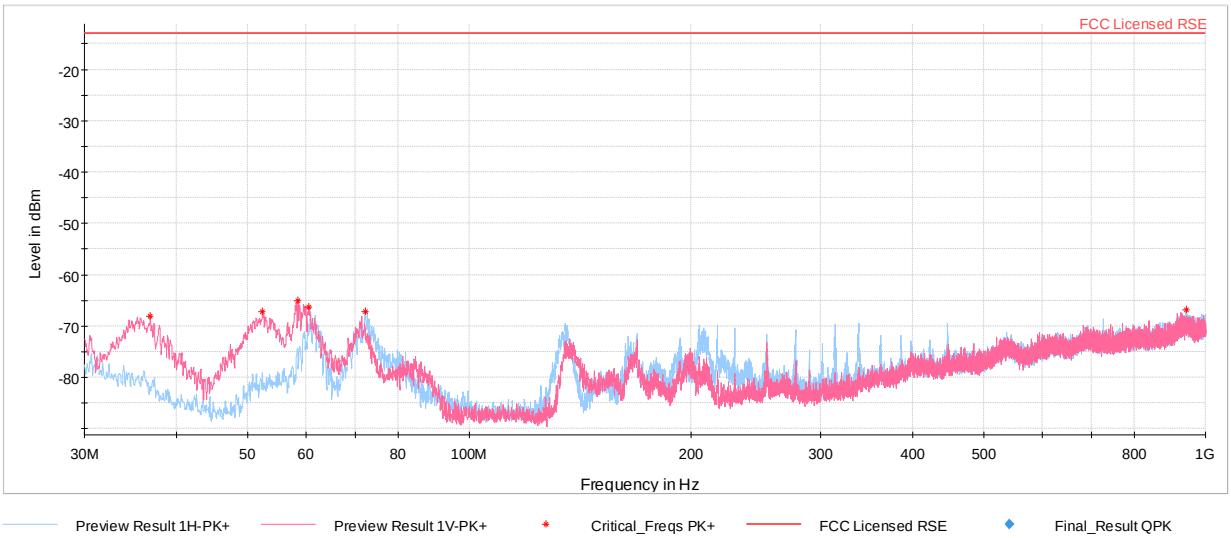
Plot 7-129. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
93529.20	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	-	-	-41.38	-13.00	-28.38

Table 7-33. Ant M0 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

Band n261 – Ant M2– 1CC

30MHz - 1GHz

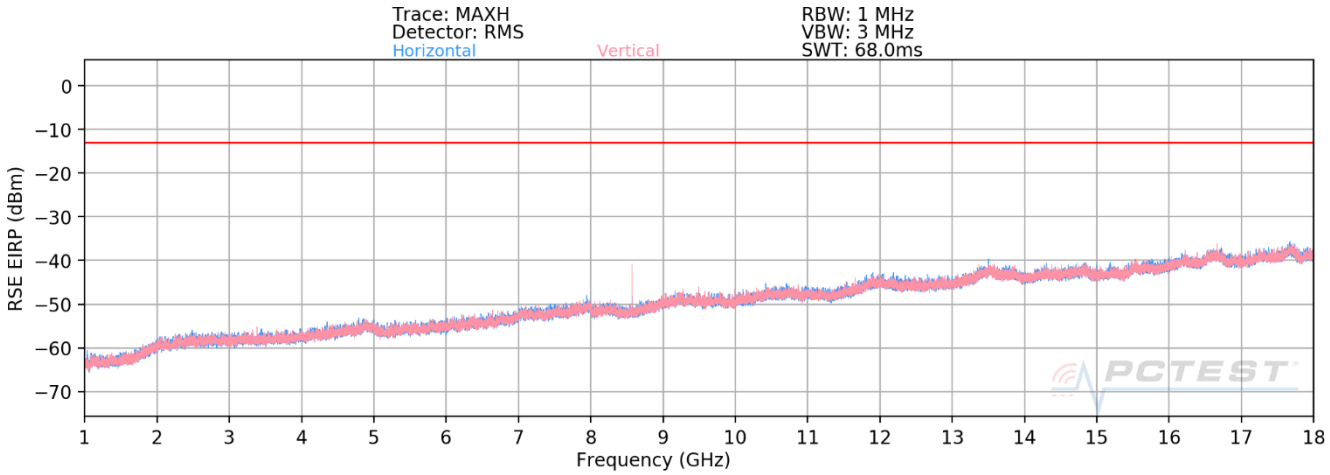


Plot 7-130. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)

Frequency [MHz]	Channnel	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]
36.84	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	0	100	-68.09	-13.00	-55.09
52.36	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	303	100	-67.16	-13.00	-54.16
58.57	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	45	100	-64.99	-13.00	-51.99
60.60	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	49	100	-66.24	-13.00	-53.24
72.24	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	300	250	-67.19	-13.00	-54.19
943.01	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	206	100	-66.89	-13.00	-53.89

Table 7-34. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

1GHz - 18GHz

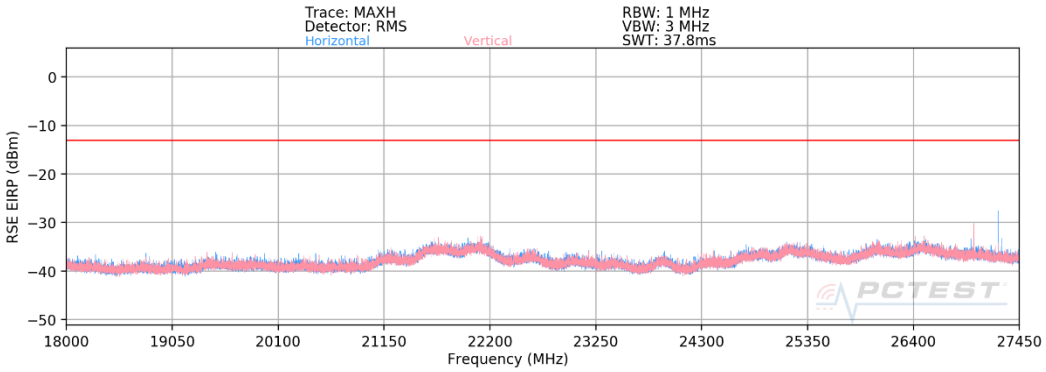


Plot 7-131. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)

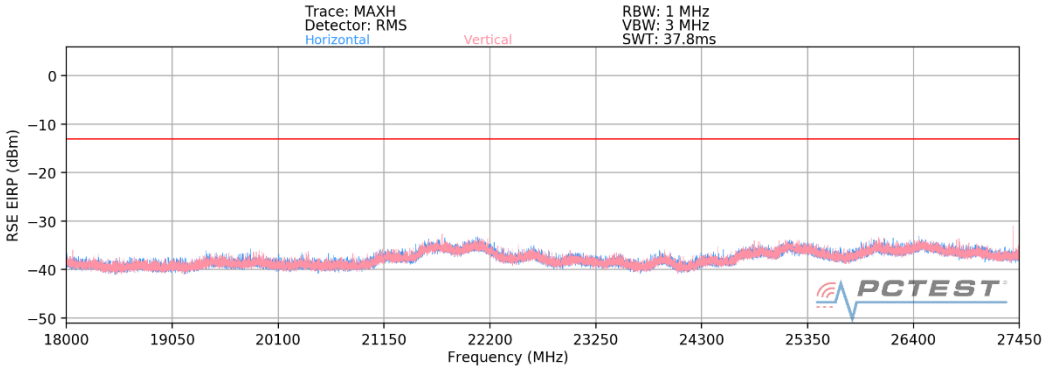
Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Antenna Height [cm]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
8570.55	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	220	244	-42.37	-13.00	-29.37

Table 7-35. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

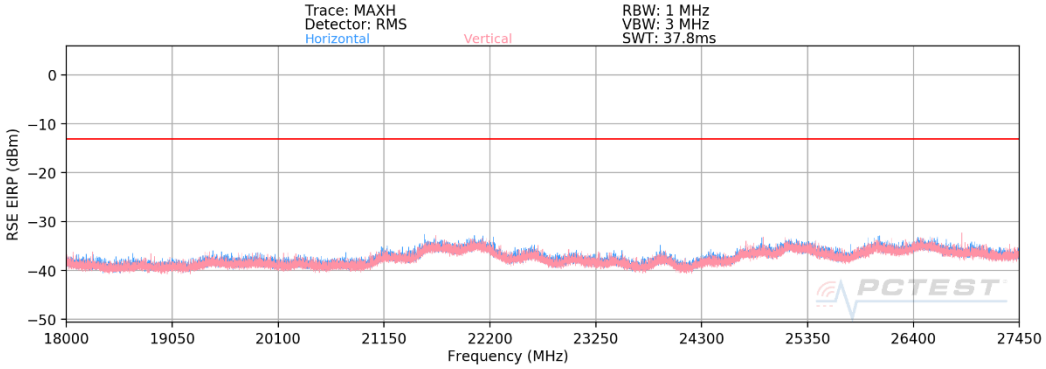
18GHz - 27.45GHz



Plot 7-132. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-133. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



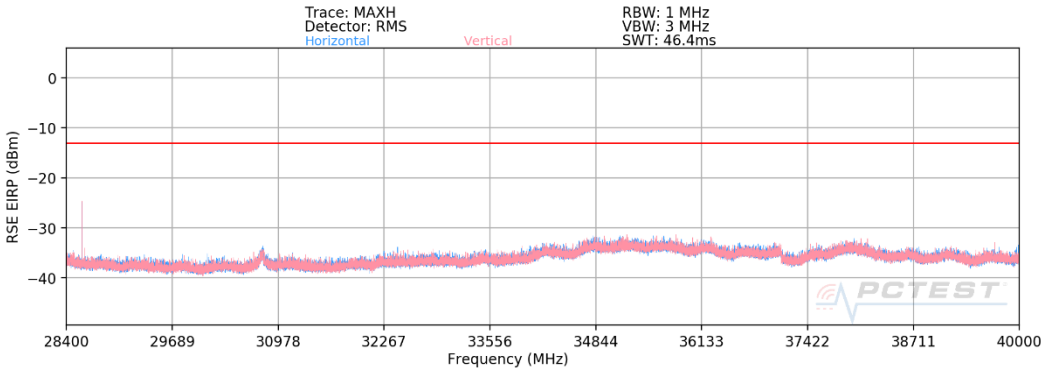
Plot 7-134. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
26998.50	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	106	355	-27.49	-13.00	-14.49
27241.84	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	121	353	-24.45	-13.00	-11.45
27386.23	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	109	355	-29.32	-13.00	-16.32
27033.25	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	19	0	-36.68	-13.00	-23.68

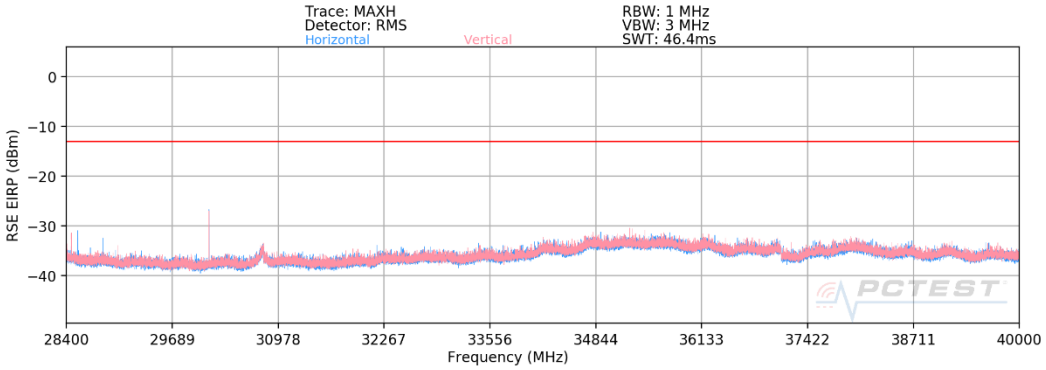
Table 7-36. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

Note: Emissions within the frequency range of 27.45GHz – 27.5GHz were measured and reported in section 7.5 BandEdge Emissions.

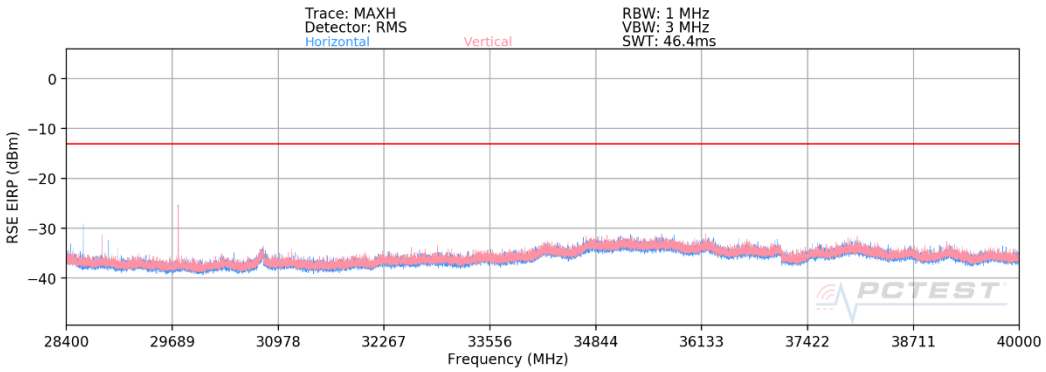
28.4GHz - 40GHz



Plot 7-135. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-136. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



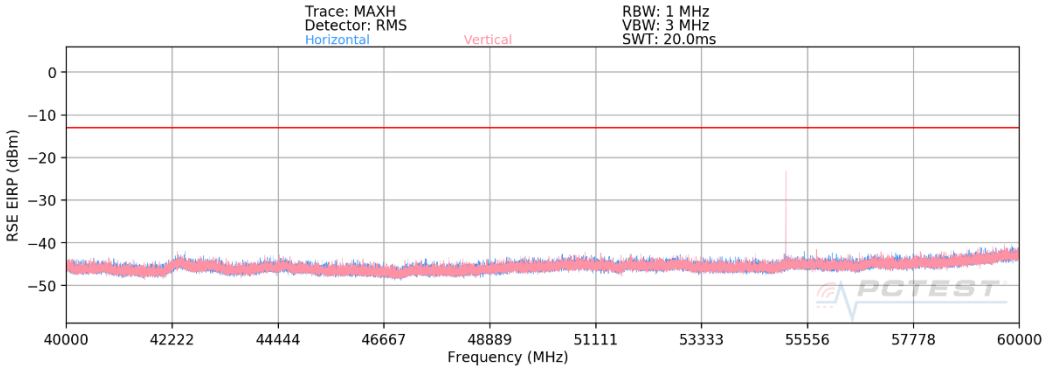
Plot 7-137. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
28591.63	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	53	348	-20.98	-13.00	-7.98
28465.23	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	355	109	-29.76	-13.00	-16.76
28538.37	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	359	117	-28.66	-13.00	-15.66
30136.50	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	353	95	-24.08	-13.00	-11.08
28606.22	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	114	1	-26.65	-13.00	-13.65
28836.48	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	109	355	-30.61	-13.00	-17.61
29761.52	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	95	358	-23.25	-13.00	-10.25

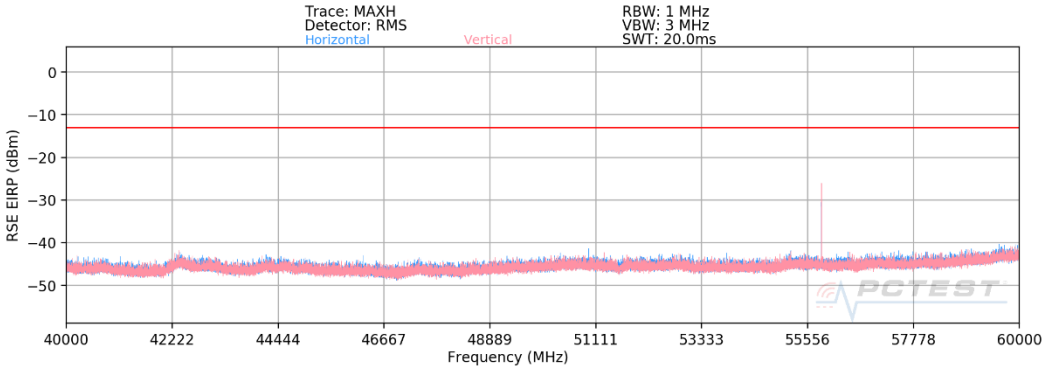
Table 7-37. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

Note: Emissions within the frequency range of 28.35GHz – 28.4GHz were measured and reported in section 7.5 BandEdge Emissions.

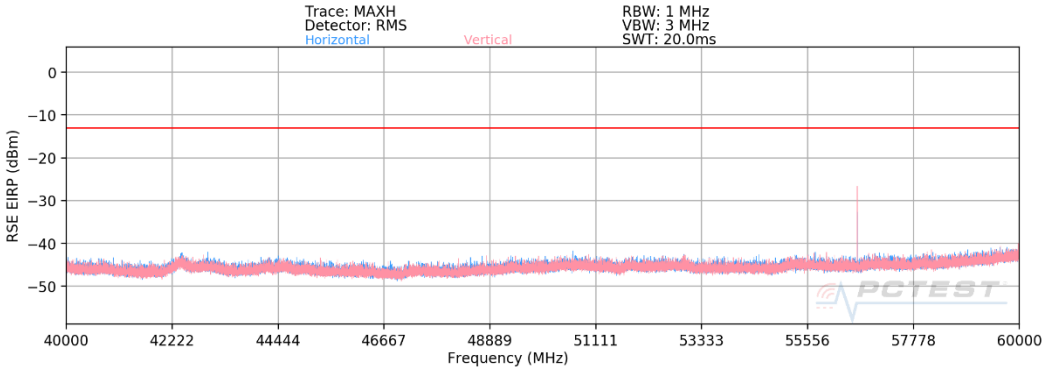
40GHz - 60GHz



Plot 7-138. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



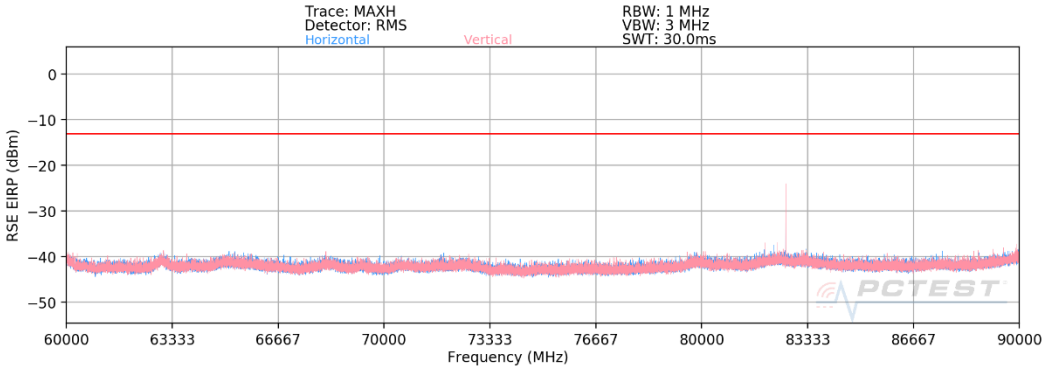
Plot 7-139. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



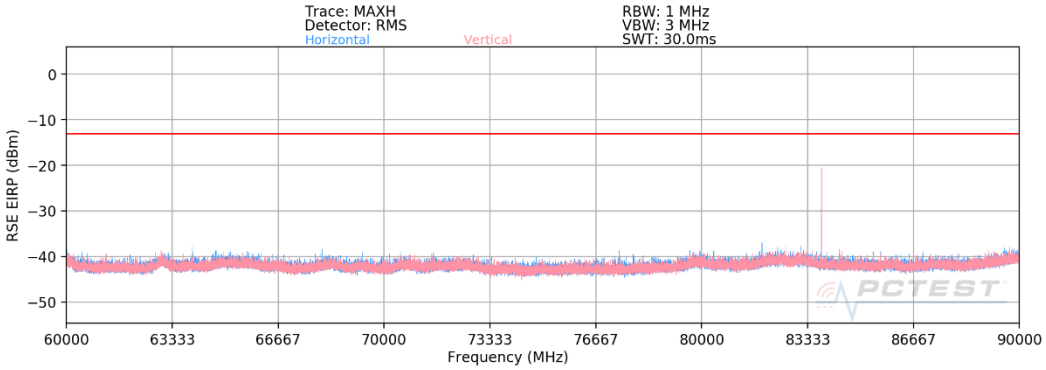
Plot 7-140. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
55098.10	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	340	8	-26.90	-13.00	-13.90
55847.90	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	341	6	-26.84	-13.00	-13.84
56598.15	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	111	32	-26.82	-13.00	-13.82

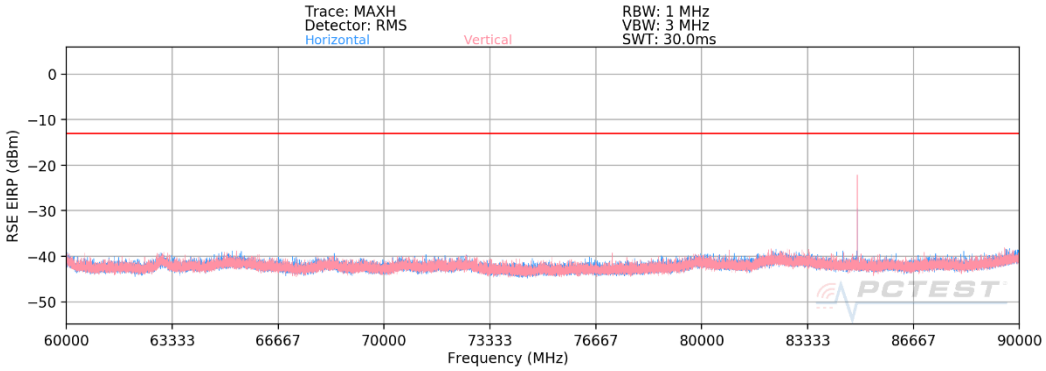
Table 7-38. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)



Plot 7-141. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-142. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)

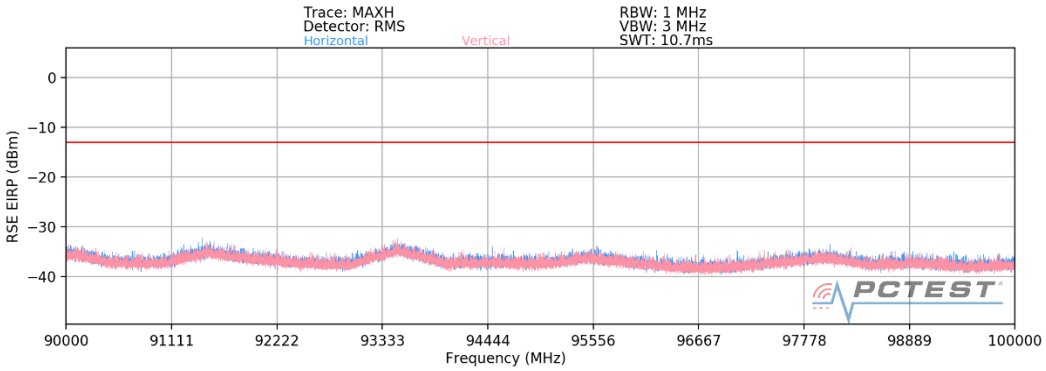


Plot 7-143. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

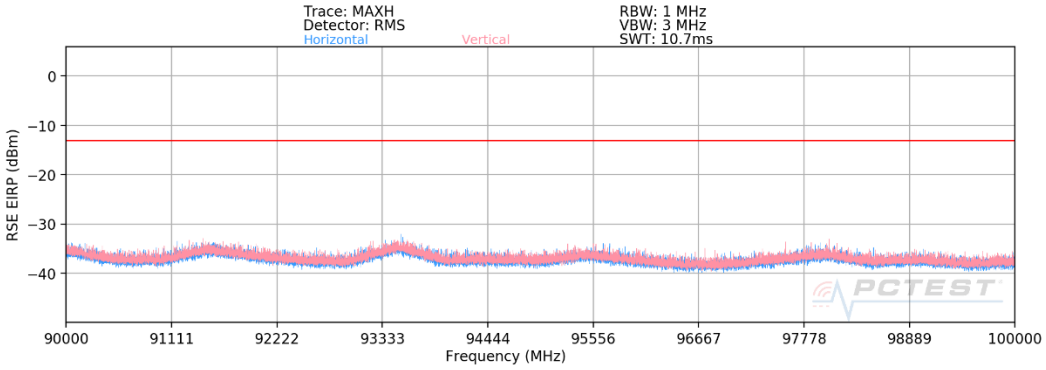
Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
82647.35	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	344	171	-23.53	-13.00	-10.53
83771.55	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	146	3	-20.18	-13.00	-7.18
84896.80	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	315	0	-22.59	-13.00	-9.59

Table 7-39. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

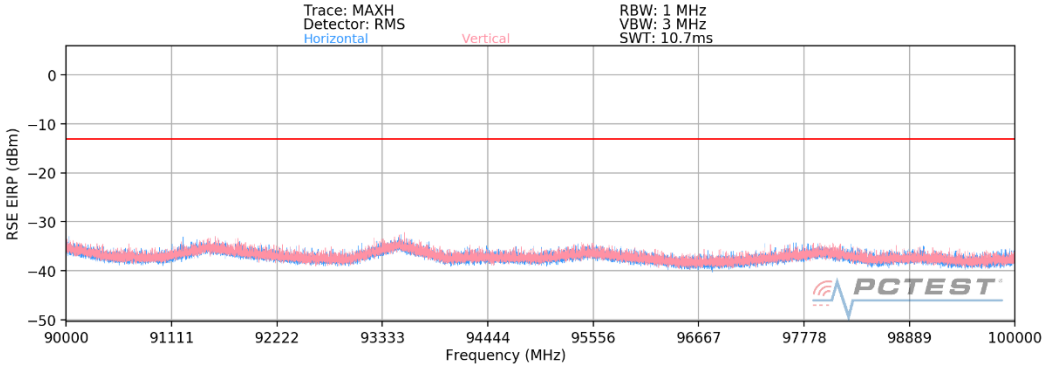
90GHz - 100GHz



Plot 7-144. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-145. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



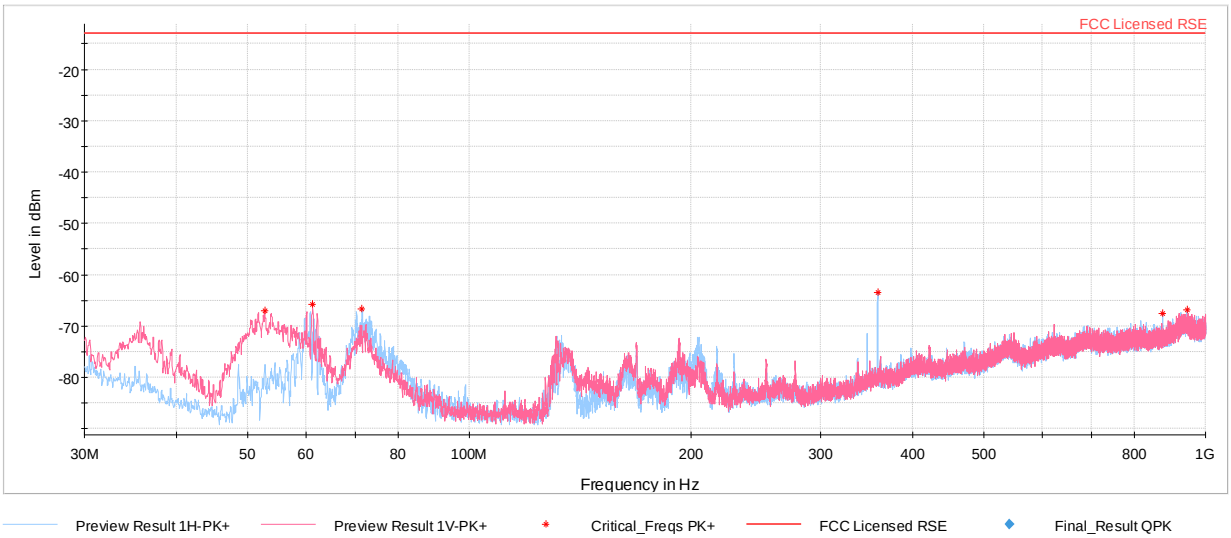
Plot 7-146. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
909780.00	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	-	-	-43.61	-13.00	-30.61

Table 7-40. Ant M2 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

Band n261 – Ant M3– 1CC

30MHz - 1GHz

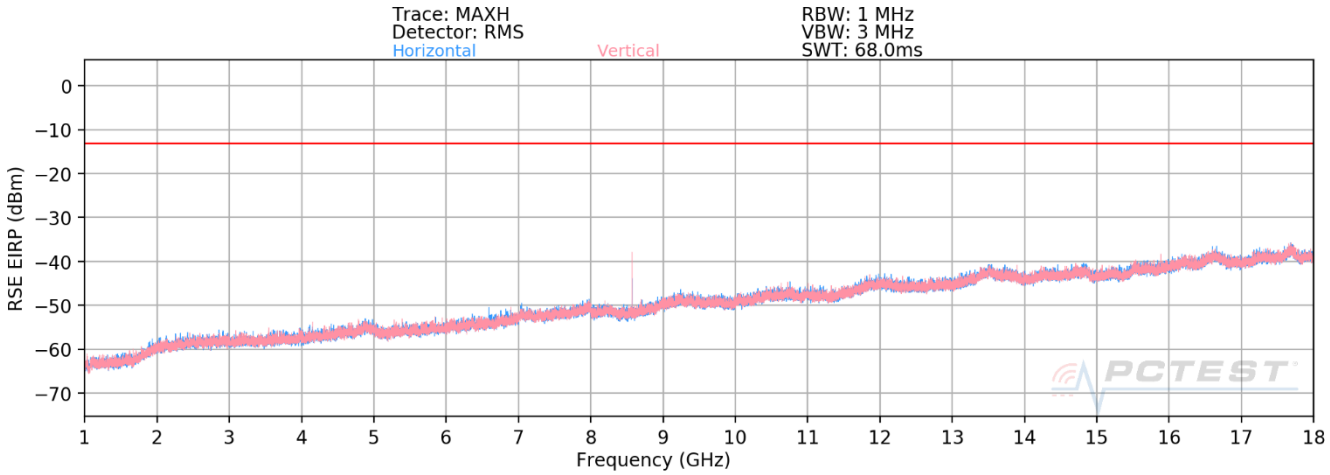


Plot 7-147. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)

Frequency [MHz]	Channnel	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]
52.75	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	0	100	-66.97	-13.00	-53.97
61.23	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	5	250	-65.84	-13.00	-52.84
71.52	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	145	250	-66.74	-13.00	-53.74
358.64	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	90	250	-63.55	-13.00	-50.55
873.66	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	90	250	-67.49	-13.00	-54.49
944.18	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	3	250	-66.83	-13.00	-53.83

Table 7-41. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

1GHz - 18GHz

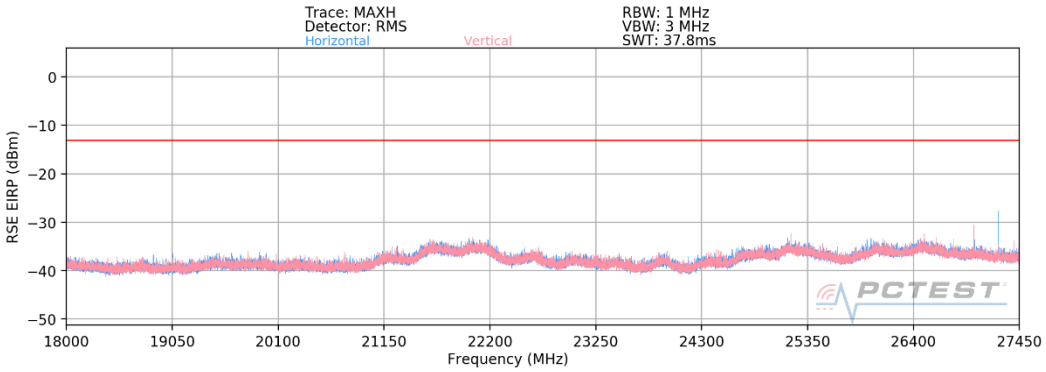


Plot 7-148. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)

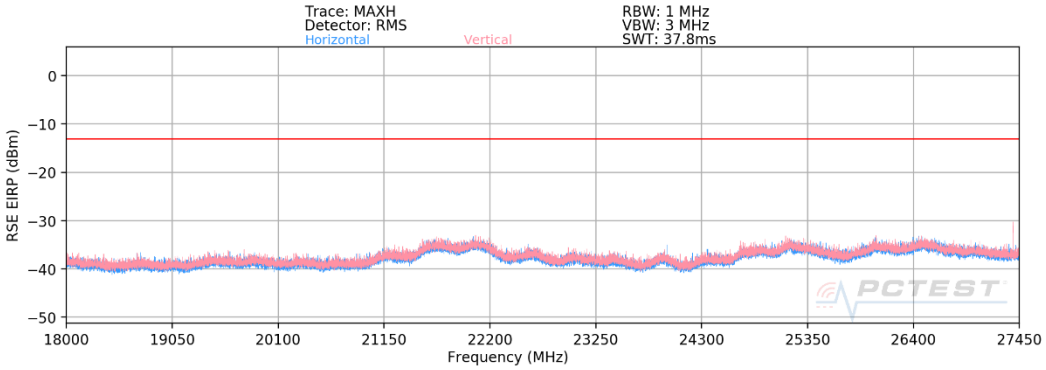
Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Antenna Height [cm]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
8570.70	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	23	261	-37.48	-13.00	-24.48

Table 7-42. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

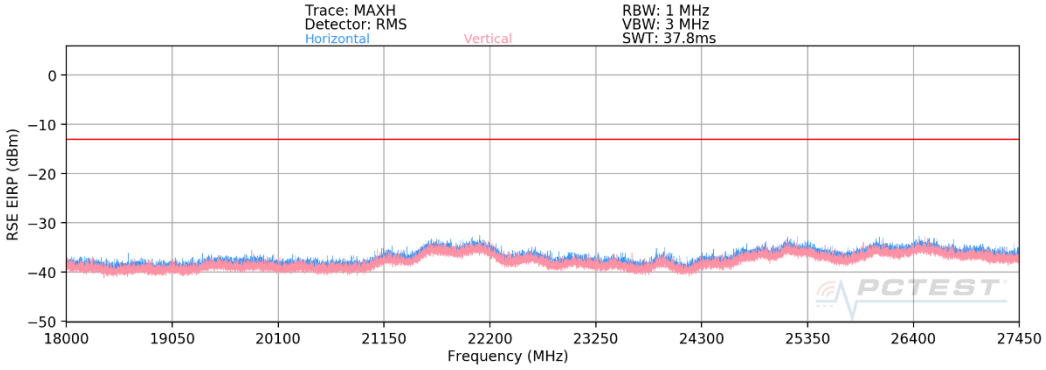
18GHz - 27.45GHz



Plot 7-149. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-150. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



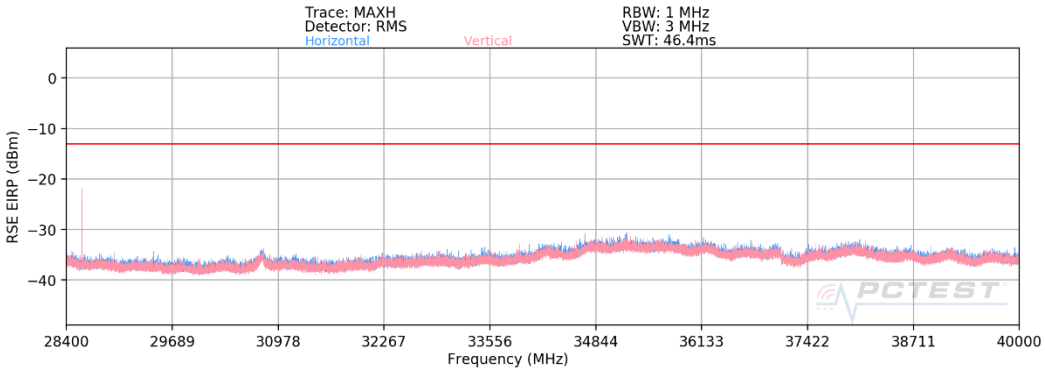
Plot 7-151. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
26998.96	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	327	356	-32.91	-13.00	-19.91
27242.08	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	277	115	-23.47	-13.00	-10.47
27386.47	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	325	344	-28.70	-13.00	-15.70

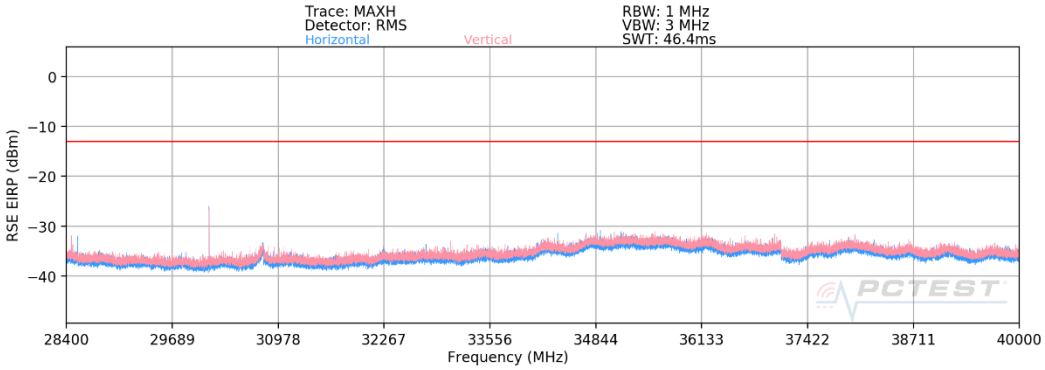
Table 7-43. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

Note: Emissions within the frequency range of 27.45GHz – 27.5GHz were measured and reported in section 7.5 BandEdge Emissions.

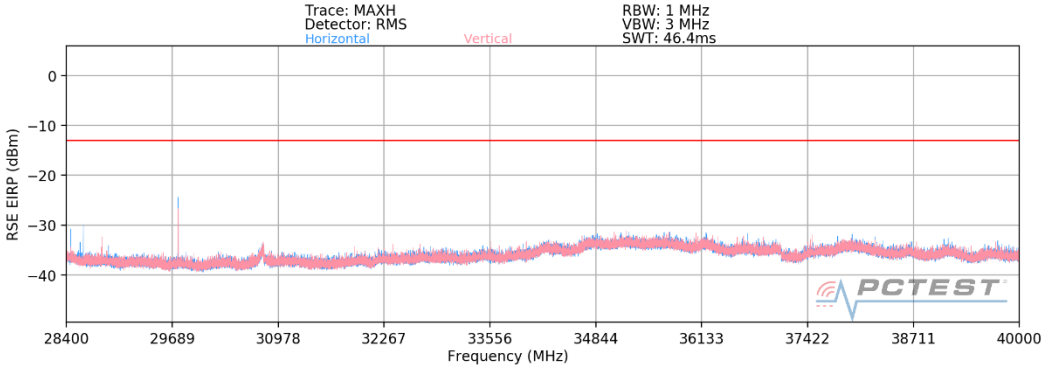
28.4GHz - 40GHz



Plot 7-152. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-153. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



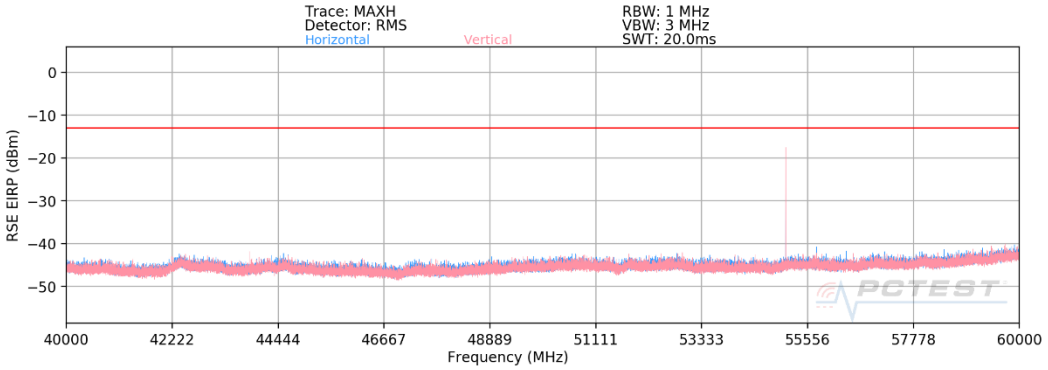
Plot 7-154. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
28591.53	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	323	3	-18.96	-13.00	-5.96
28461.66	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	327	350	-28.24	-13.00	-15.24
28481.00	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	325	353	-31.24	-13.00	-18.24
30136.67	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	7	30	-21.64	-13.00	-8.64
28606.44	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	328	353	-27.84	-13.00	-14.84
28836.58	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	323	25	-28.25	-13.00	-15.25
29761.66	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	4	13	-20.70	-13.00	-7.70

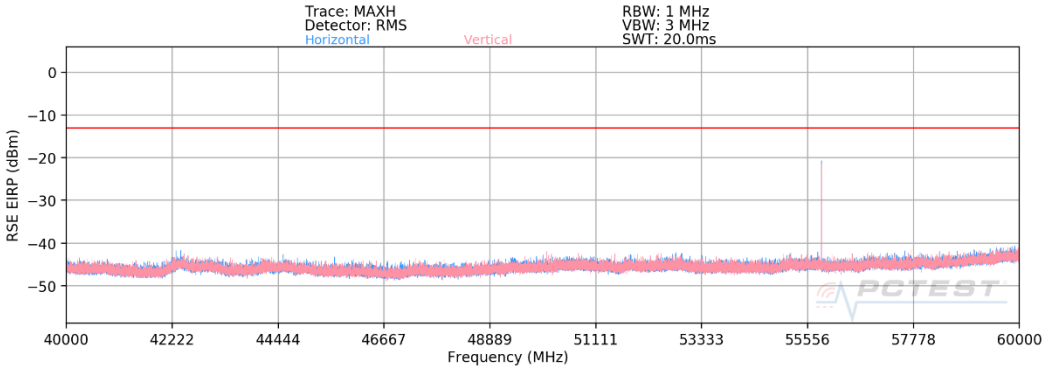
Table 7-44. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)

Note: Emissions within the frequency range of 28.35GHz – 28.4GHz were measured and reported in section 7.5 BandEdge Emissions.

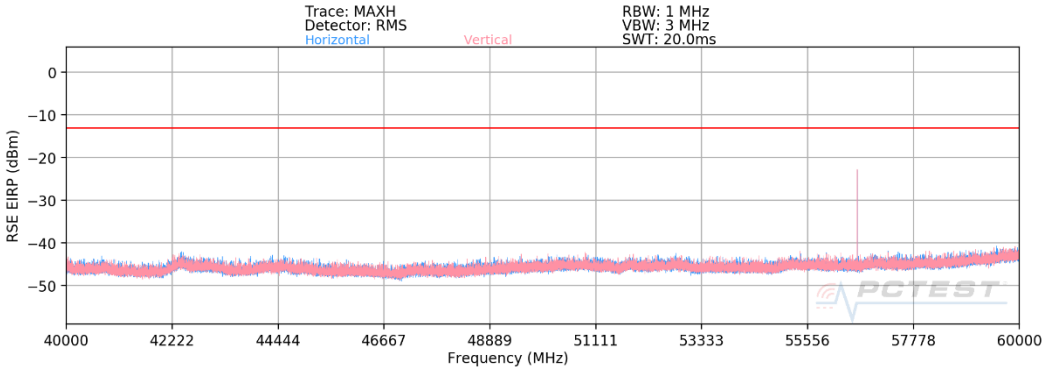
40GHz - 60GHz



Plot 7-155. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Low Channel)



Plot 7-156. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– Mid Channel)



Plot 7-157. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK– High Channel)

Frequency [MHz]	Channnel	Bandwidth (MHz)	Antenna Diversity	Waveform	Modulation	Antenna Polarization [H/V]	Turntable Azimuth [degrees]	Positioner Azimuth [degrees]	EIRP Emission Level [dBm]	TRP Limit [dBm]	Margin [dB]
55098.45	Low	100	SISO Dual Pol	DFT-s-OFDM	QPSK	V	308	28	-19.19	-13.00	-6.19
55848.55	Mid	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	5	129	-21.18	-13.00	-8.18
56598.20	High	100	SISO Dual Pol	DFT-s-OFDM	QPSK	H	3	133	-23.47	-13.00	-10.47

Table 7-45. Ant M3 RSE – (Band n261-100MHz-1CC SISO Dual Pol – QPSK)