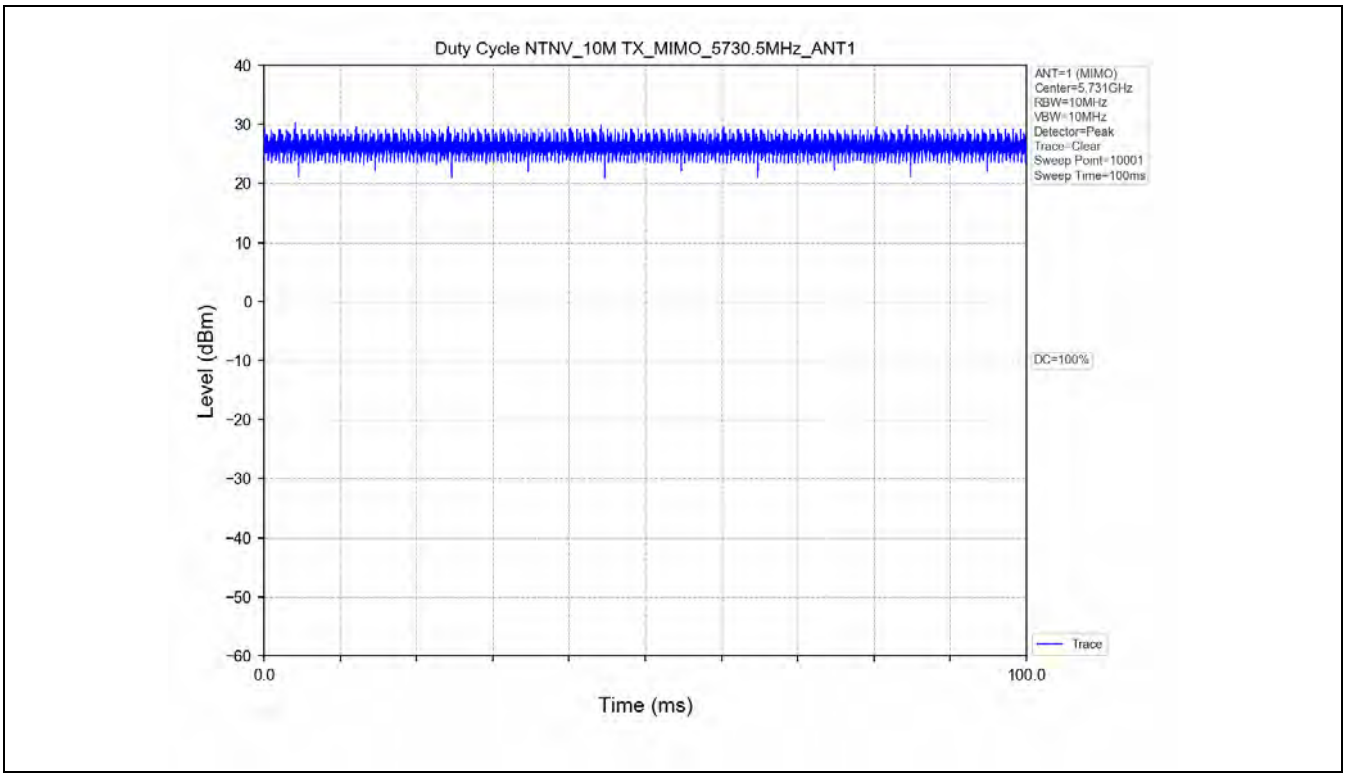
10M,20M,40M -MIMO

1. Duty Cycle

1.1 Test Result

Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
10M TX-10M	5730.5	MIMO	1	100.000	100.000	100.00	0.00
	5787.5	MIMO	1	100.000	100.000	100.00	0.00
	5844.5	MIMO	1	100.000	100.000	100.00	0.00
20M TX-20M	5735.5	MIMO	1	100.000	100.000	100.00	0.00
	5787.5	MIMO	1	100.000	100.000	100.00	0.00
	5839.5	MIMO	1	100.000	100.000	100.00	0.00
40M TX-40M	5745.5	MIMO	1	100.000	100.000	100.00	0.00
	5787.5	MIMO	1	100.000	100.000	100.00	0.00
	5829.5	MIMO	1	100.000	100.000	100.00	0.00

1.2 Test Graph



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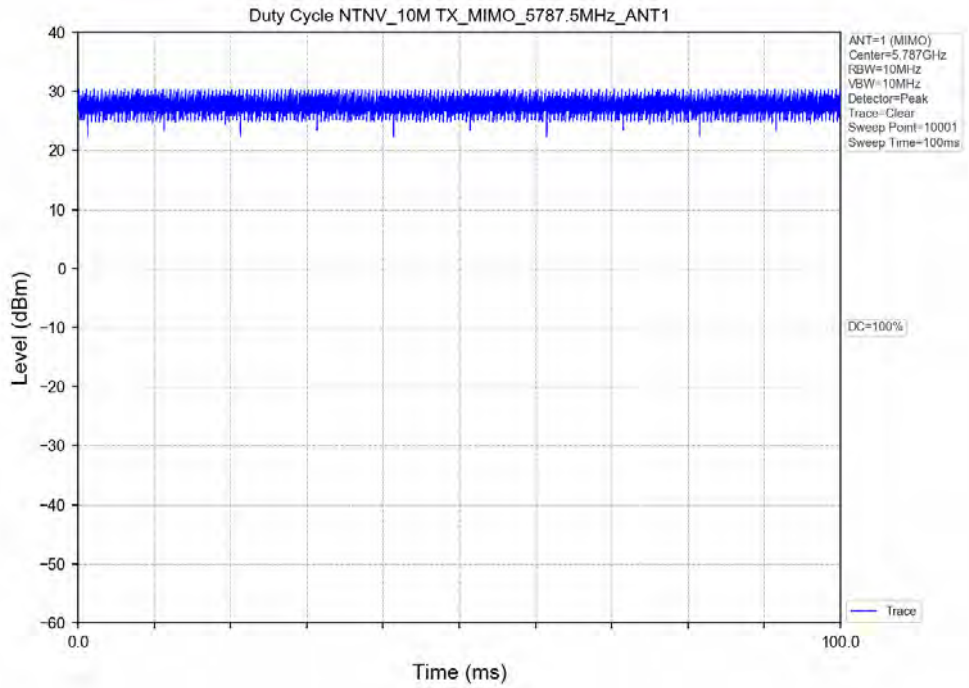

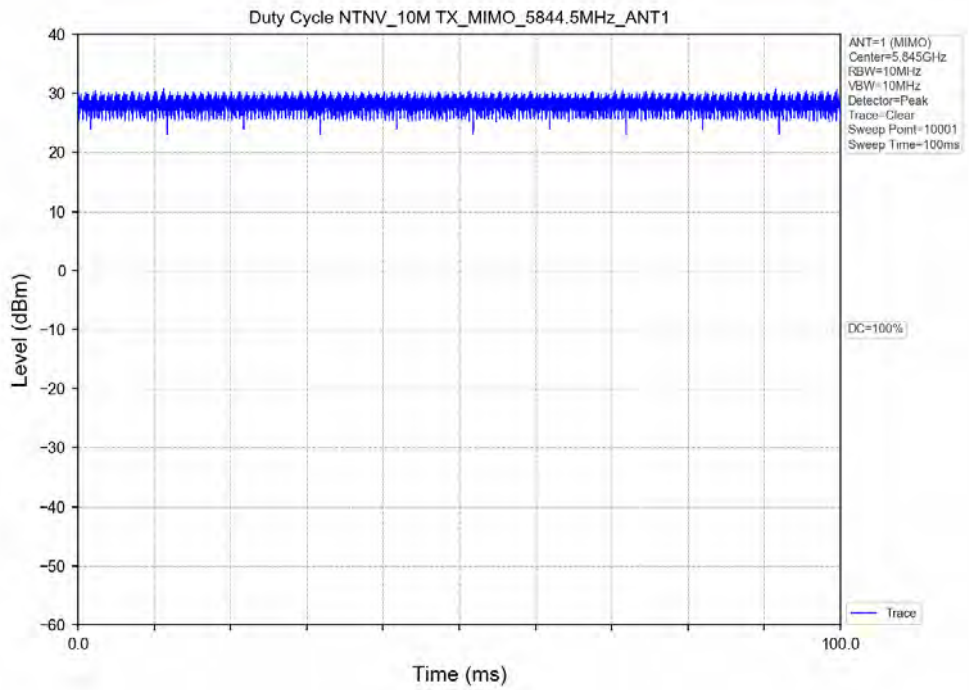

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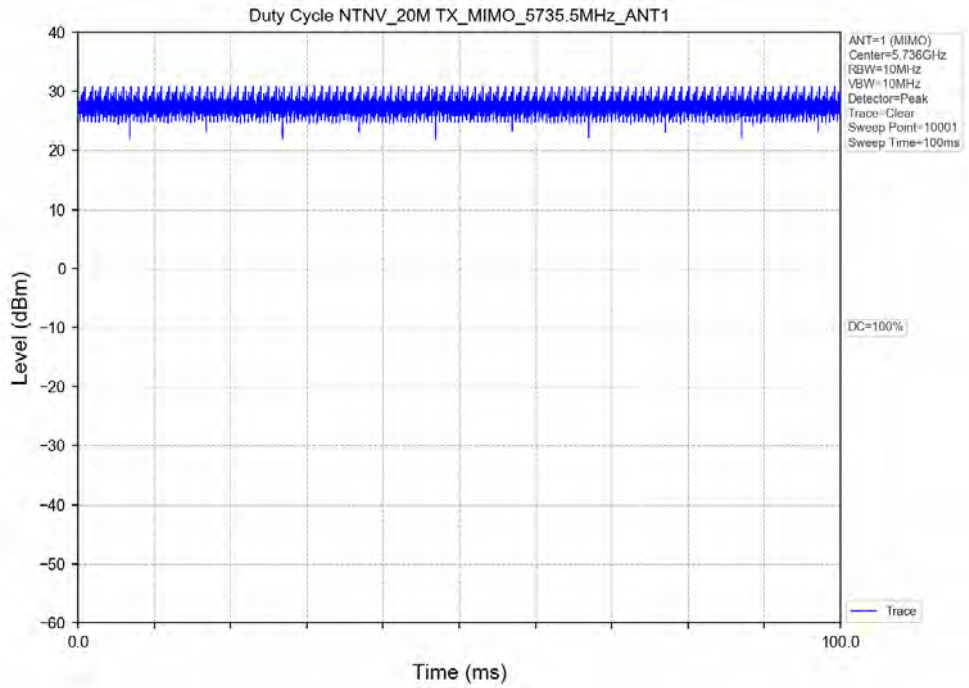

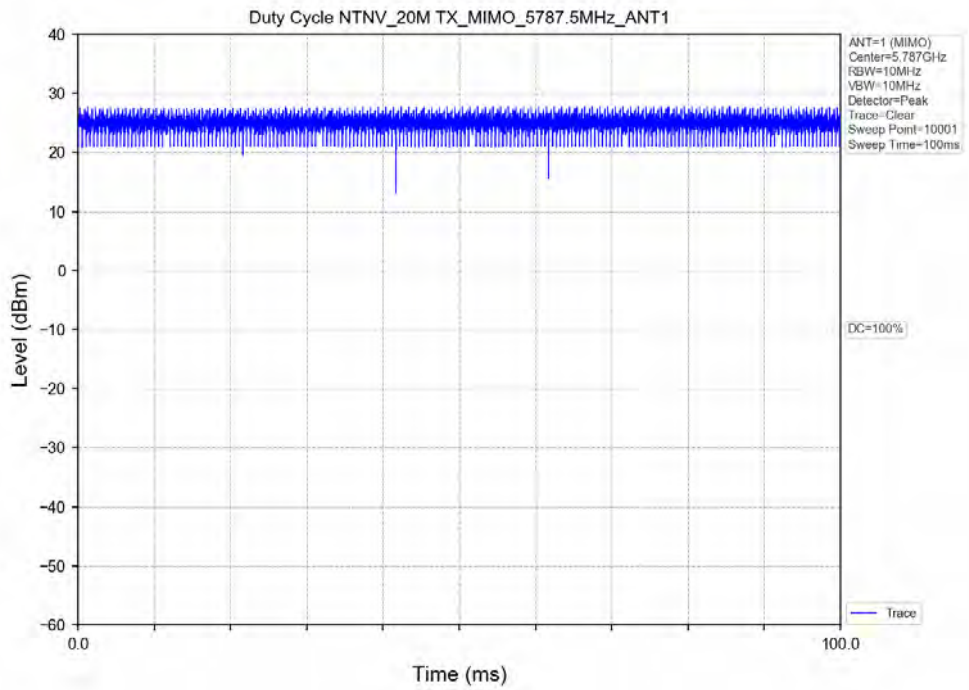

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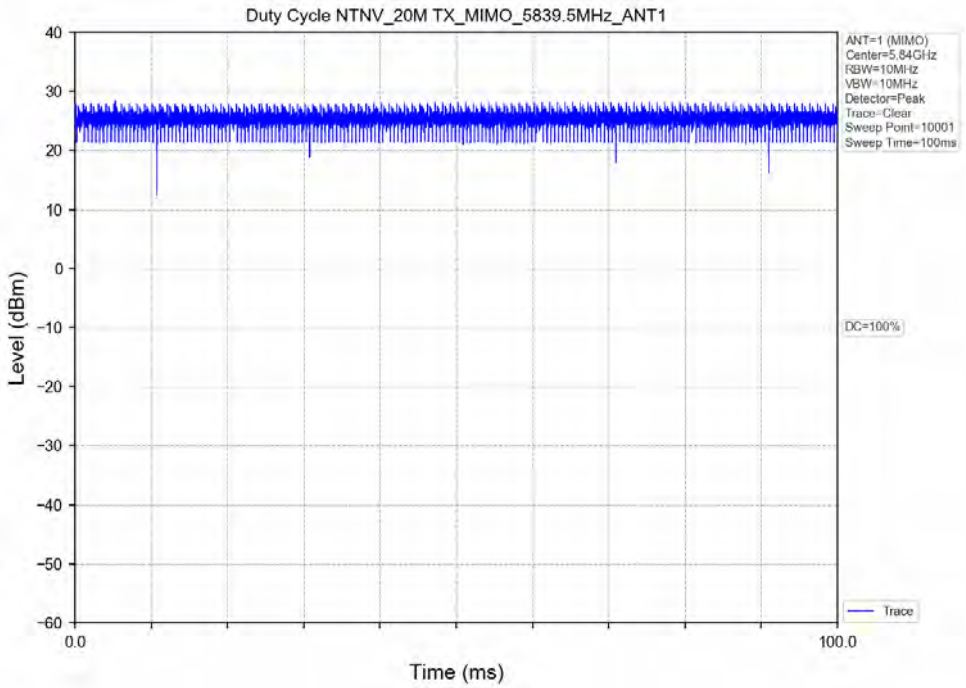

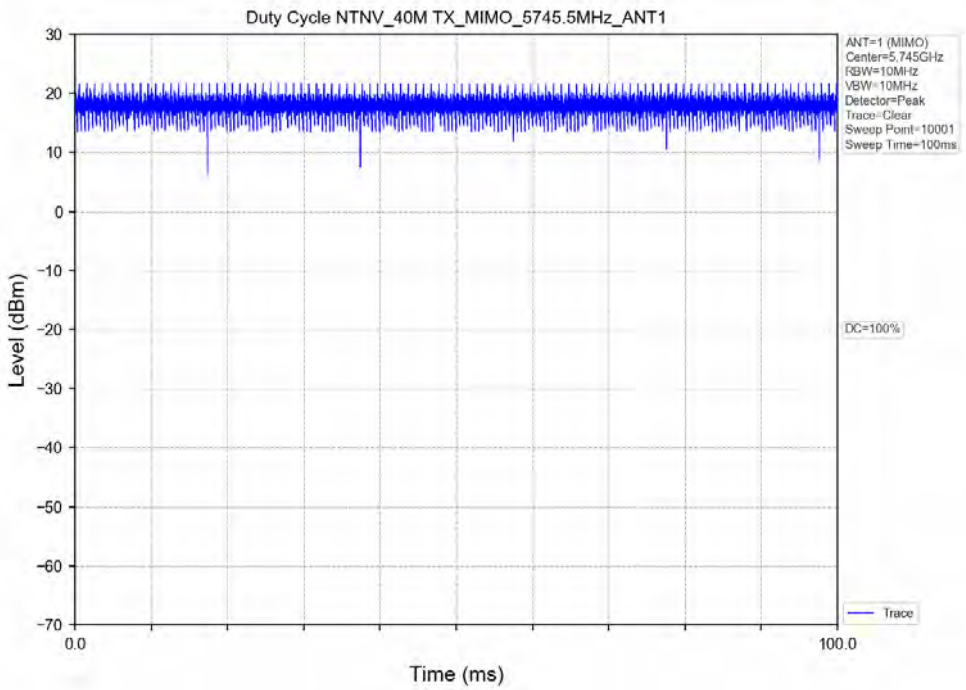

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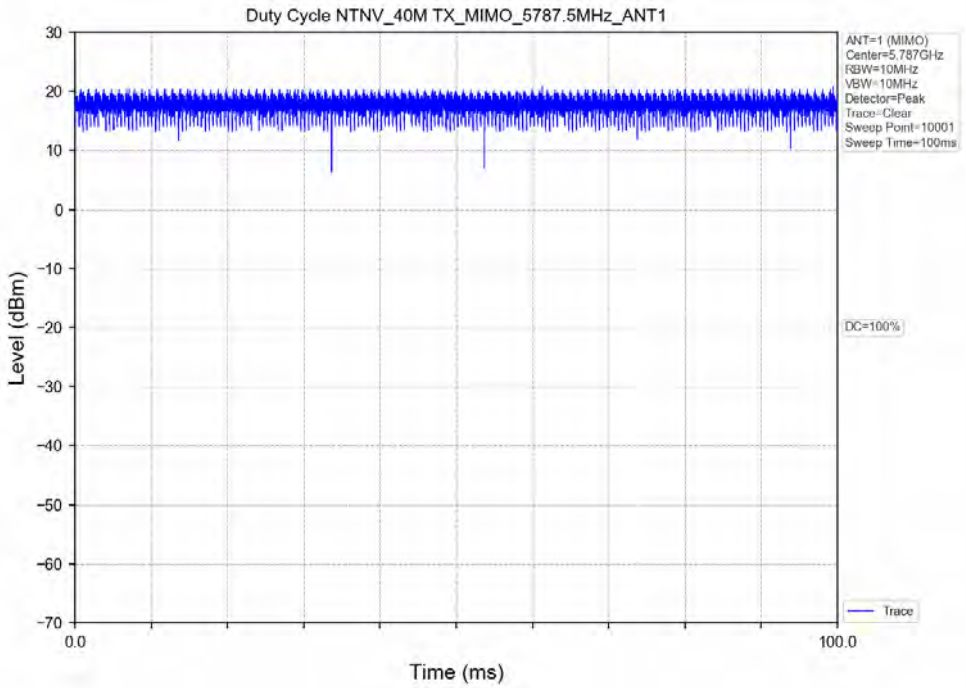

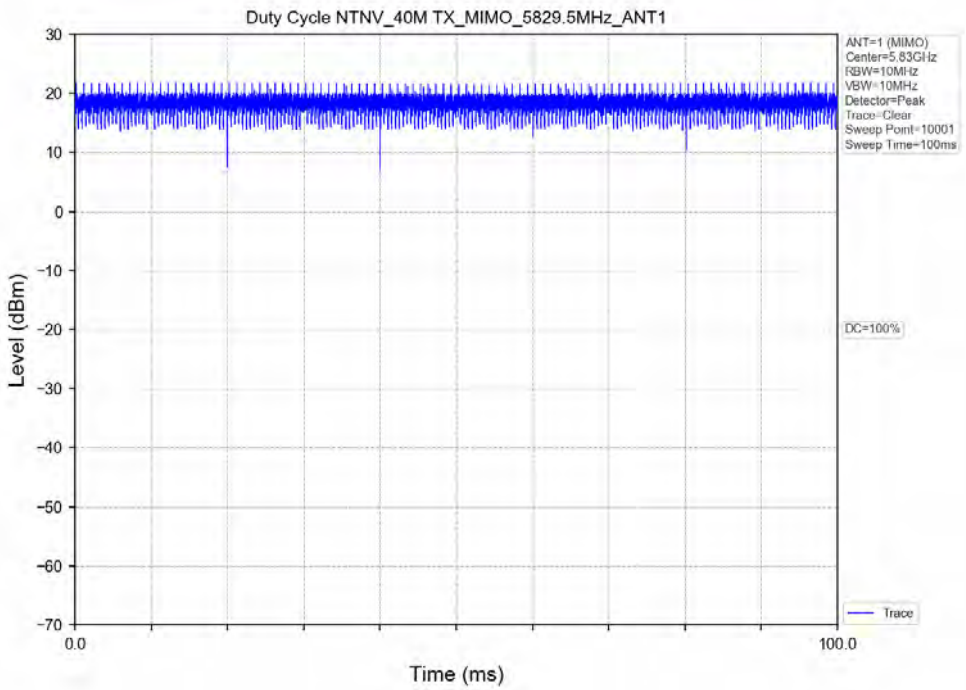

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2. Bandwidth

2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
10M TX-10M	5730.5	MIMO	1	9.025	≥0.5	PASS
	5787.5	MIMO	1	9.039	≥0.5	PASS
	5844.5	MIMO	1	9.065	≥0.5	PASS
20M TX-20M	5735.5	MIMO	1	9.022	≥0.5	PASS
	5787.5	MIMO	1	18.064	≥0.5	PASS
	5839.5	MIMO	1	18.057	≥0.5	PASS
40M TX-40M	5745.5	MIMO	1	36.061	≥0.5	PASS
	5787.5	MIMO	1	36.082	≥0.5	PASS
	5829.5	MIMO	1	36.080	≥0.5	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
10M TX-10M	5730.5	MIMO	1	9.076	Only for Report Use
	5787.5	MIMO	1	9.081	Only for Report Use
	5844.5	MIMO	1	9.089	Only for Report Use
20M TX-20M	5735.5	MIMO	1	18.599	Only for Report Use
	5787.5	MIMO	1	18.349	Only for Report Use
	5839.5	MIMO	1	18.384	Only for Report Use
40M TX-40M	5745.5	MIMO	1	37.112	Only for Report Use
	5787.5	MIMO	1	37.366	Only for Report Use
	5829.5	MIMO	1	37.330	Only for Report Use

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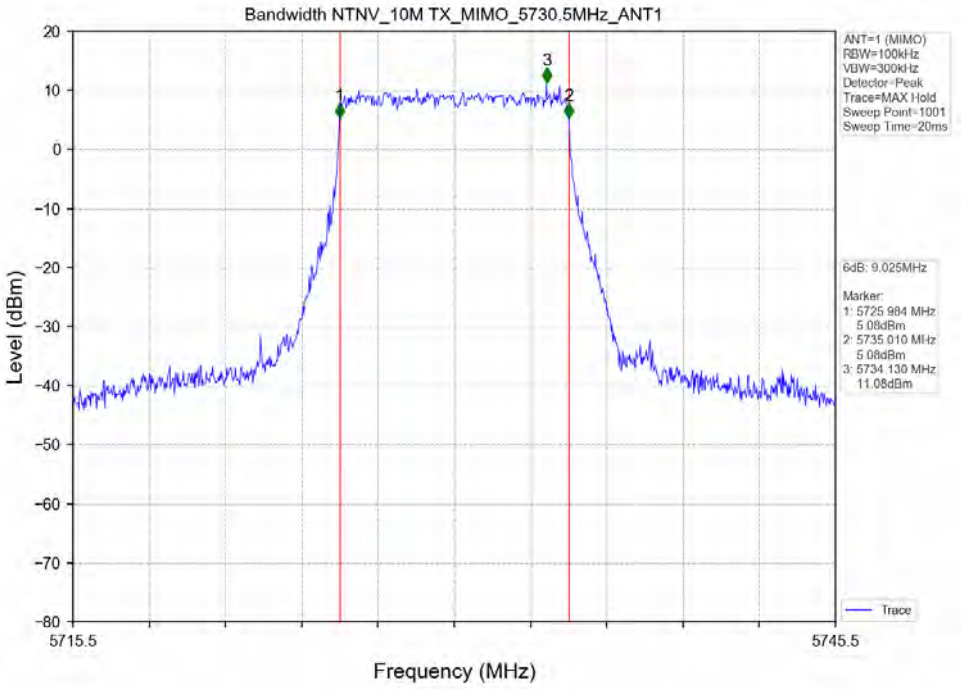
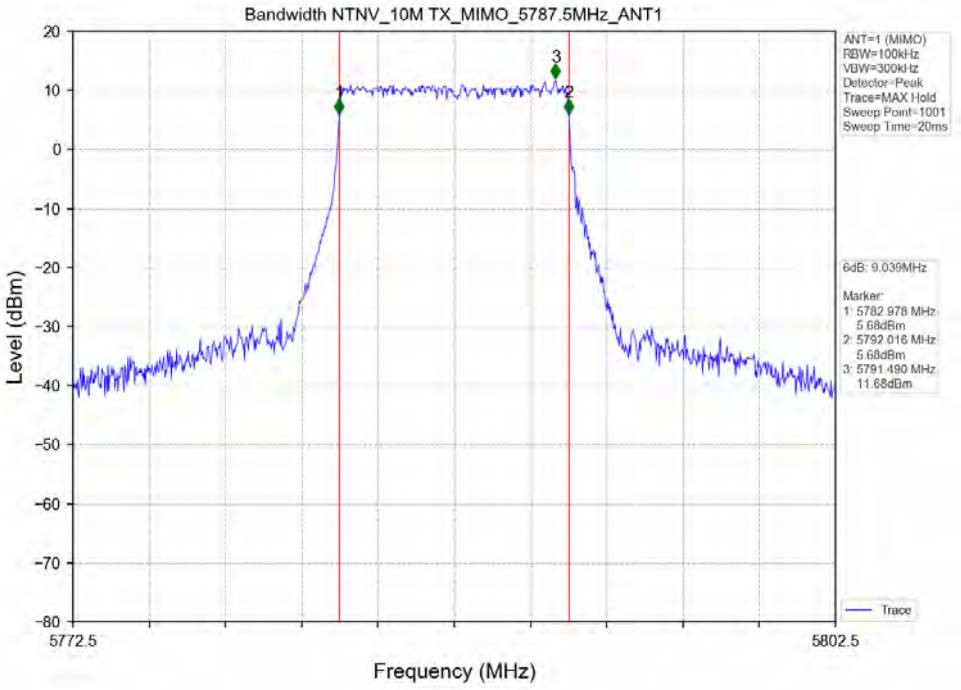
2.2 Test Graph - Emission Bandwidth





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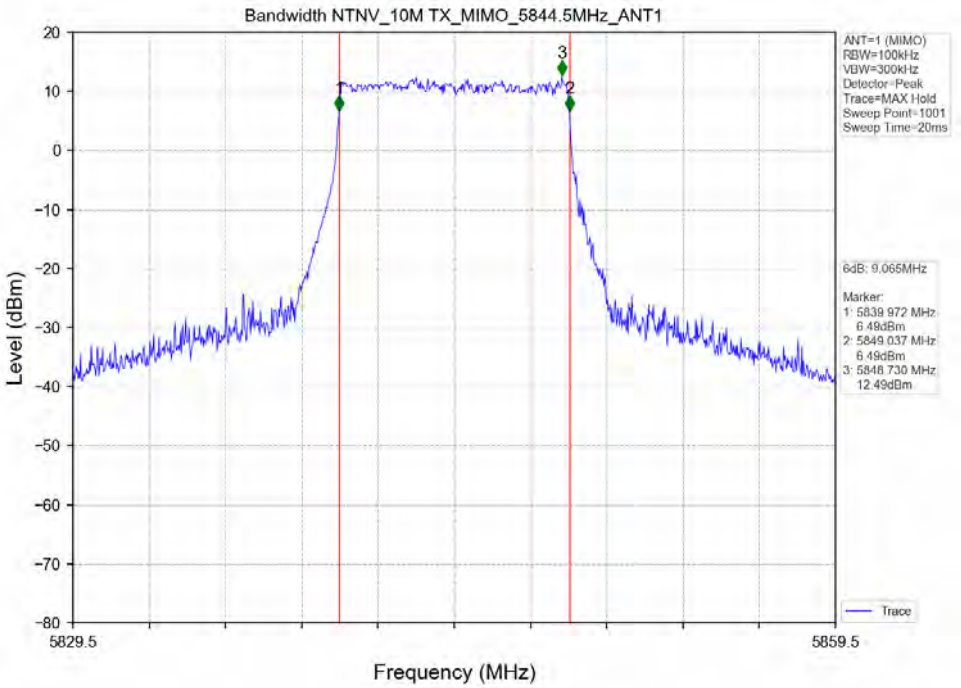

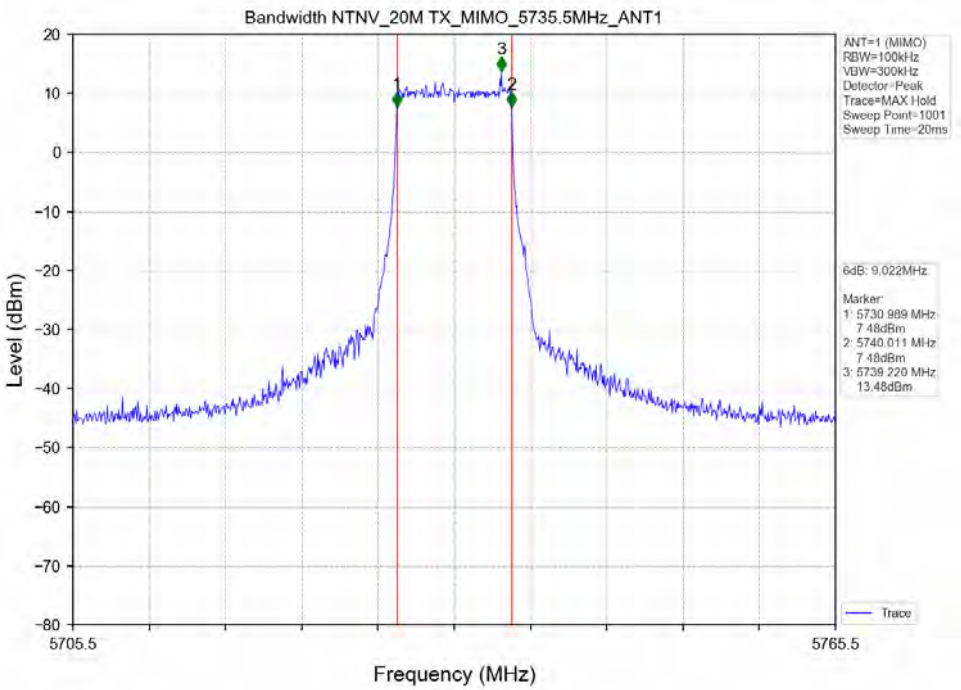

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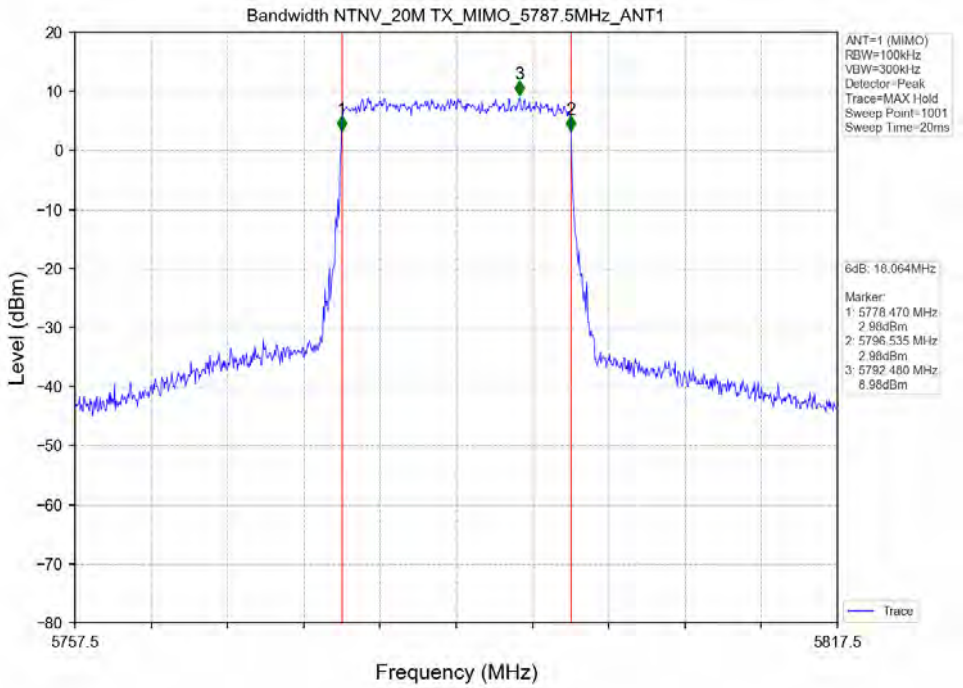

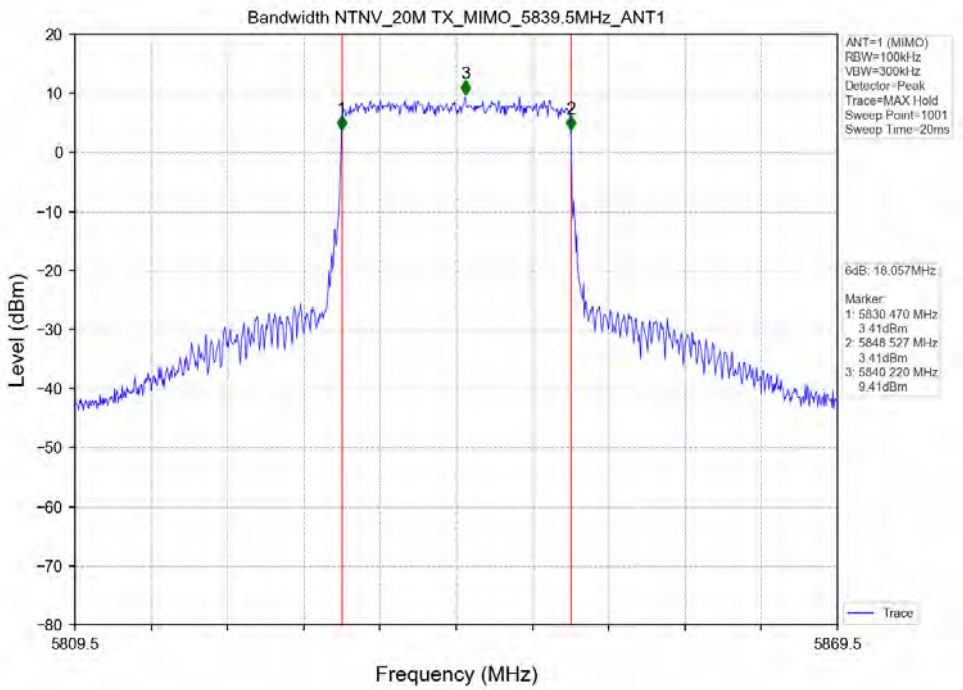

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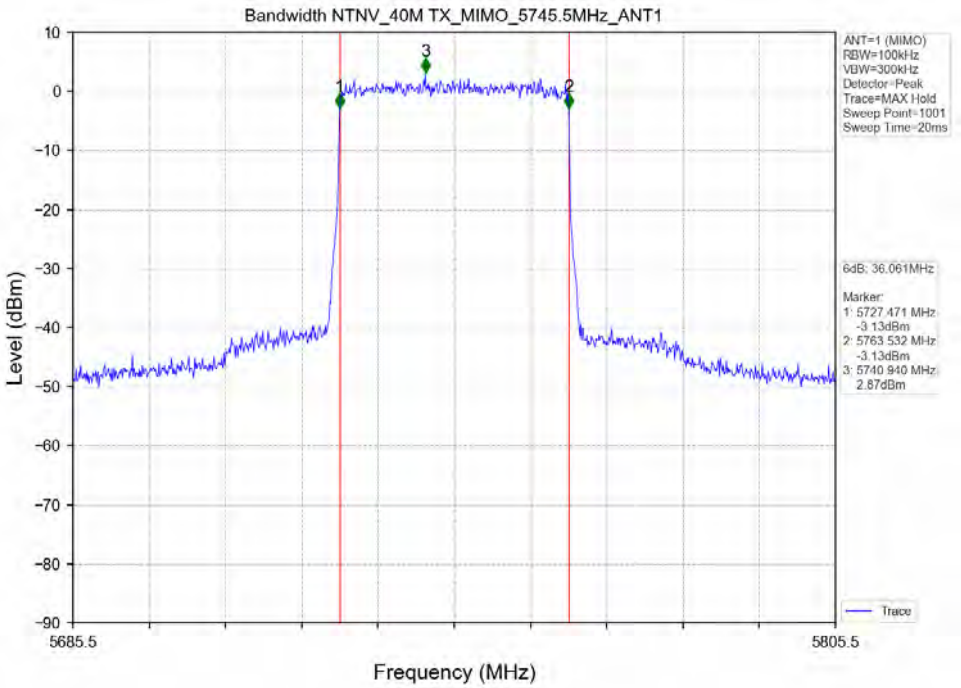

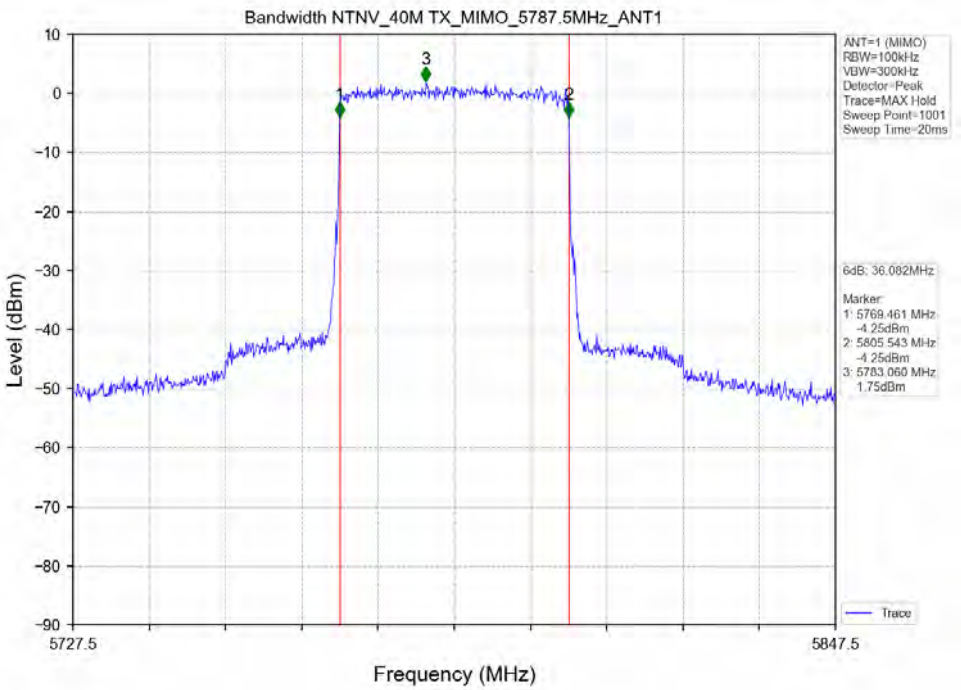

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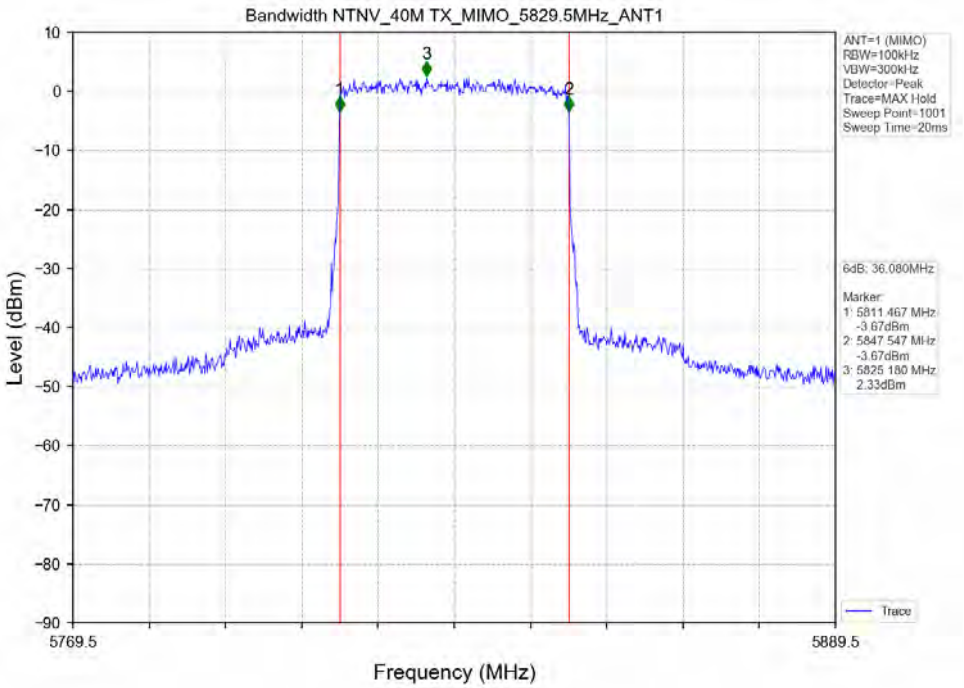
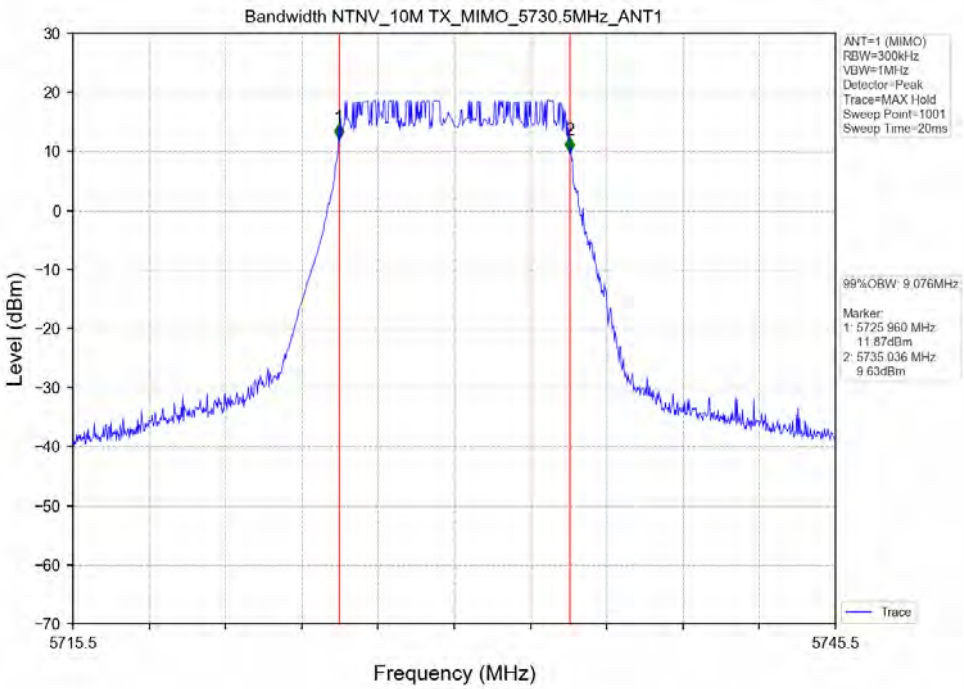


2.3 Test Graph - 99% Occupied Bandwidth



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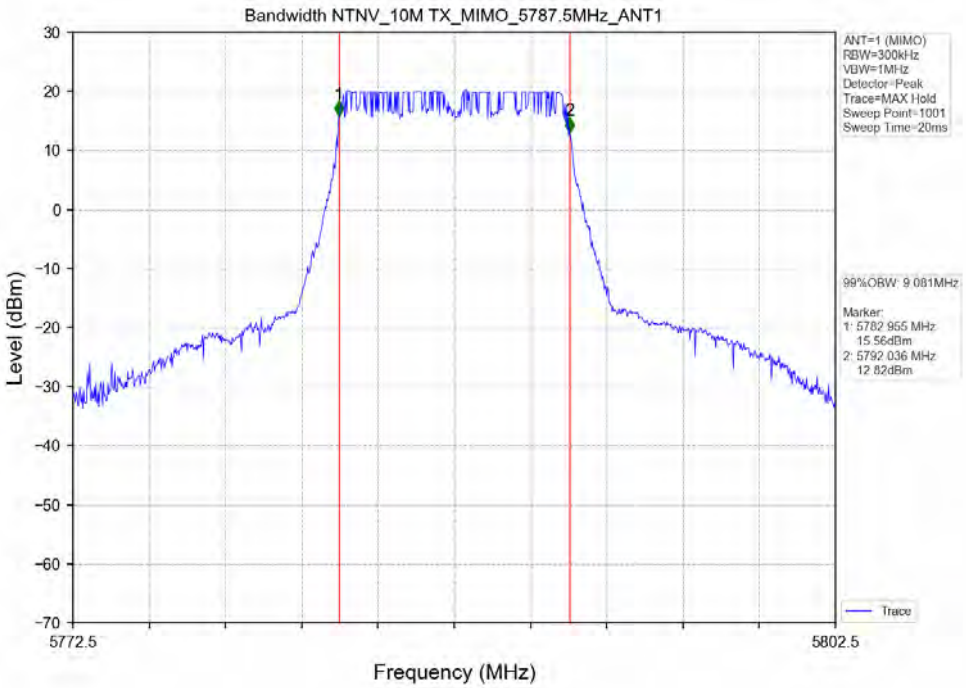

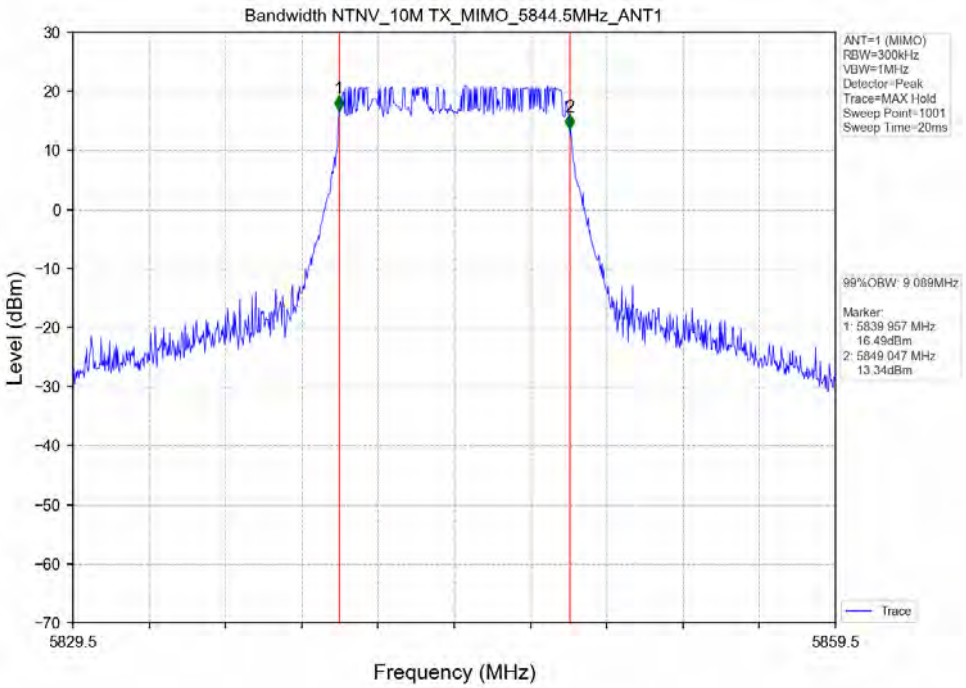

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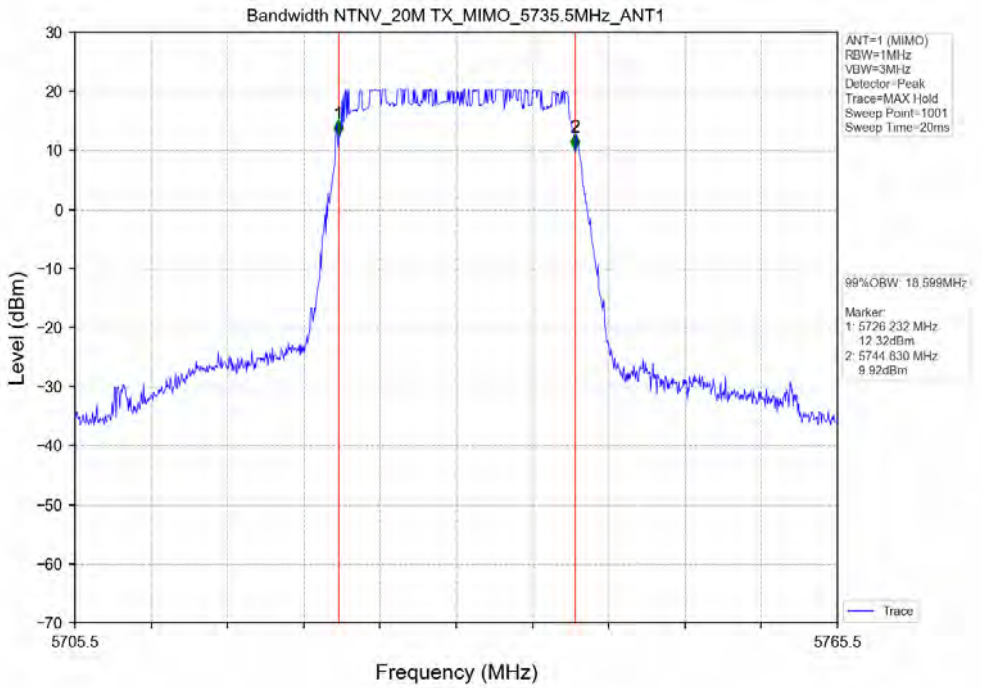

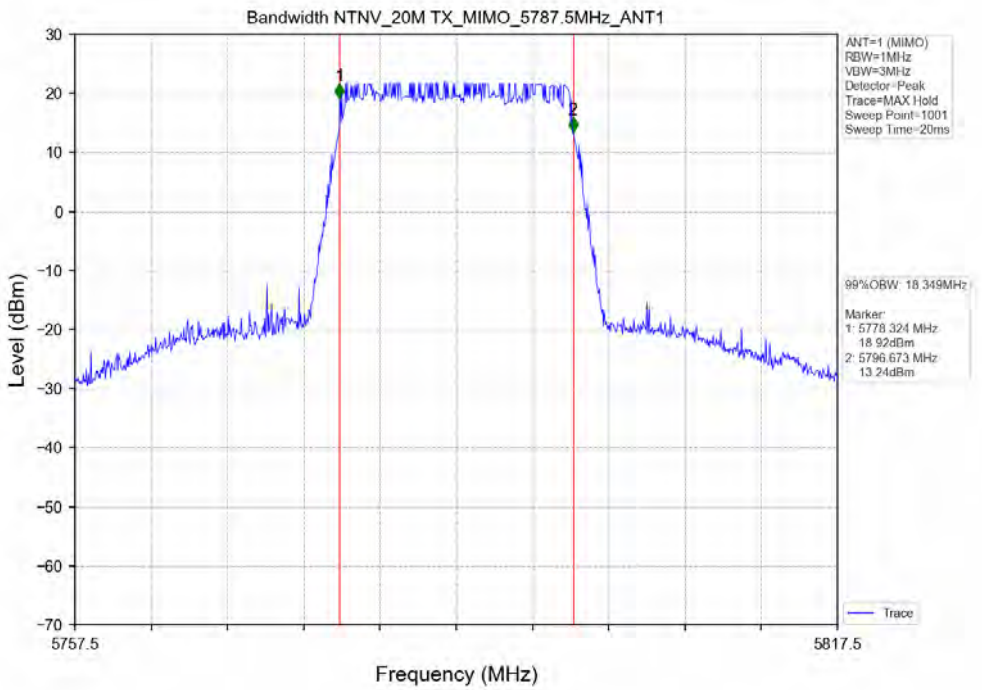

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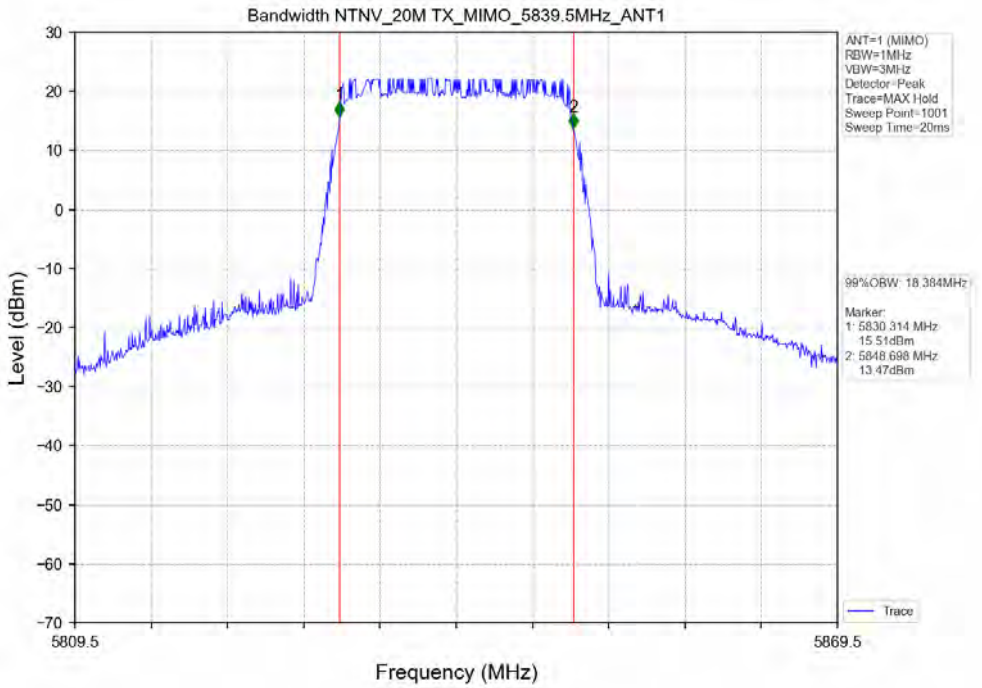

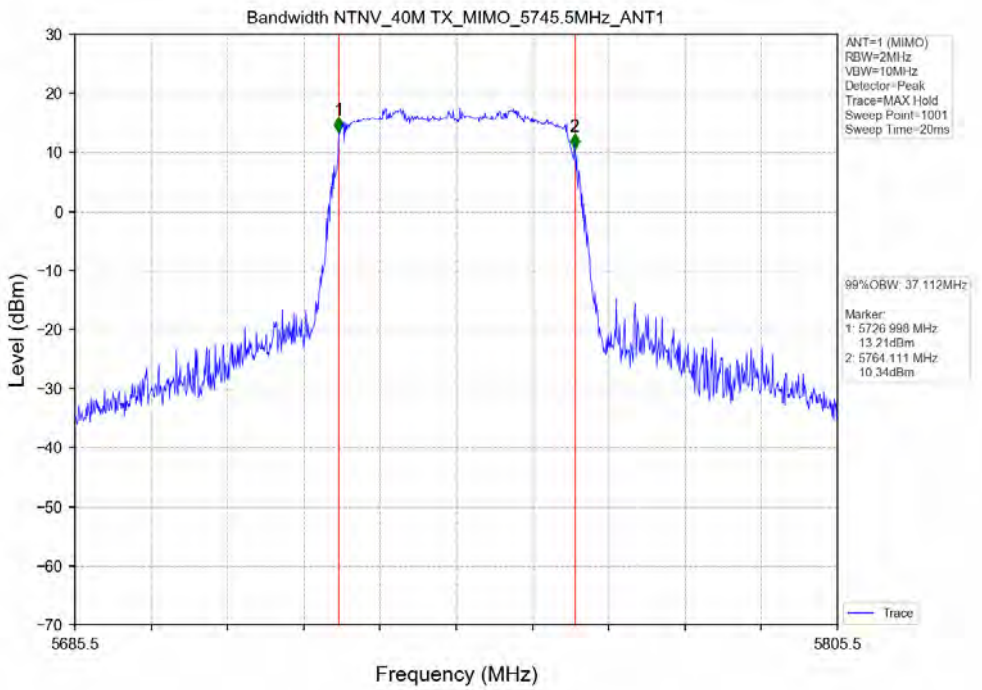

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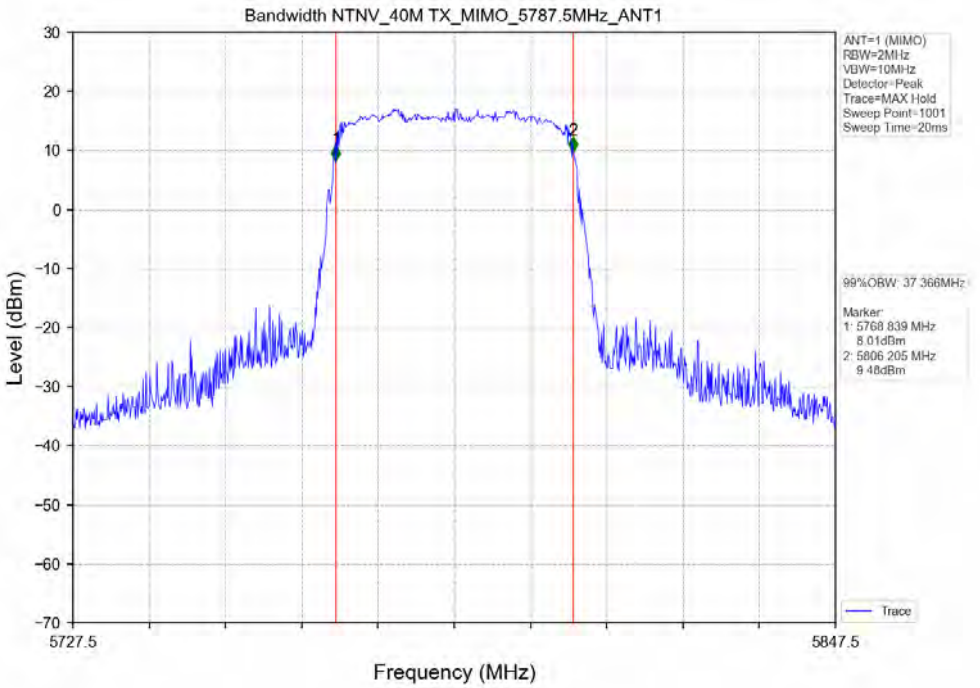

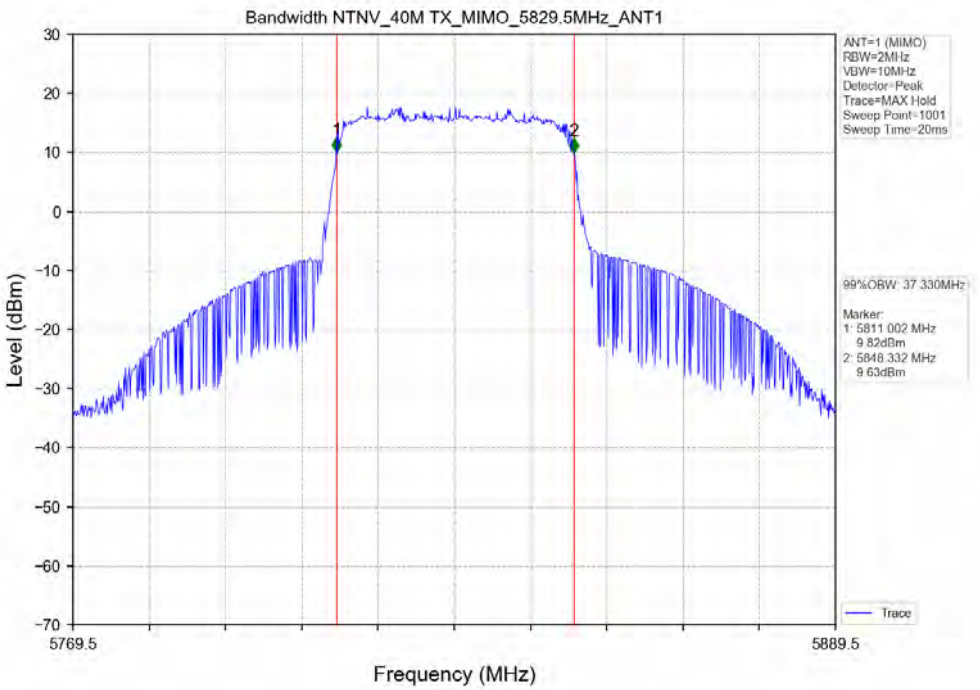

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3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)			Limit (dBm)	Verdict
			Ant 1	Ant 2	Total		
10M TX-10M	5730.5	MIMO	19.67	21.28	23.56	≤28.49	PASS
	5787.5	MIMO	21.08	22.26	24.72	≤28.49	PASS
	5844.5	MIMO	21.82	22.20	25.02	≤28.49	PASS
20M TX-20M	5735.5	MIMO	21.23	19.28	23.37	≤28.49	PASS
	5787.5	MIMO	21.34	22.20	24.80	≤28.49	PASS
	5839.5	MIMO	21.73	22.17	24.97	≤28.49	PASS
40M TX-40M	5745.5	MIMO	17.49	17.96	20.74	≤28.49	PASS
	5787.5	MIMO	17.13	17.86	20.52	≤28.49	PASS
	5829.5	MIMO	17.65	17.98	20.83	≤28.49	PASS

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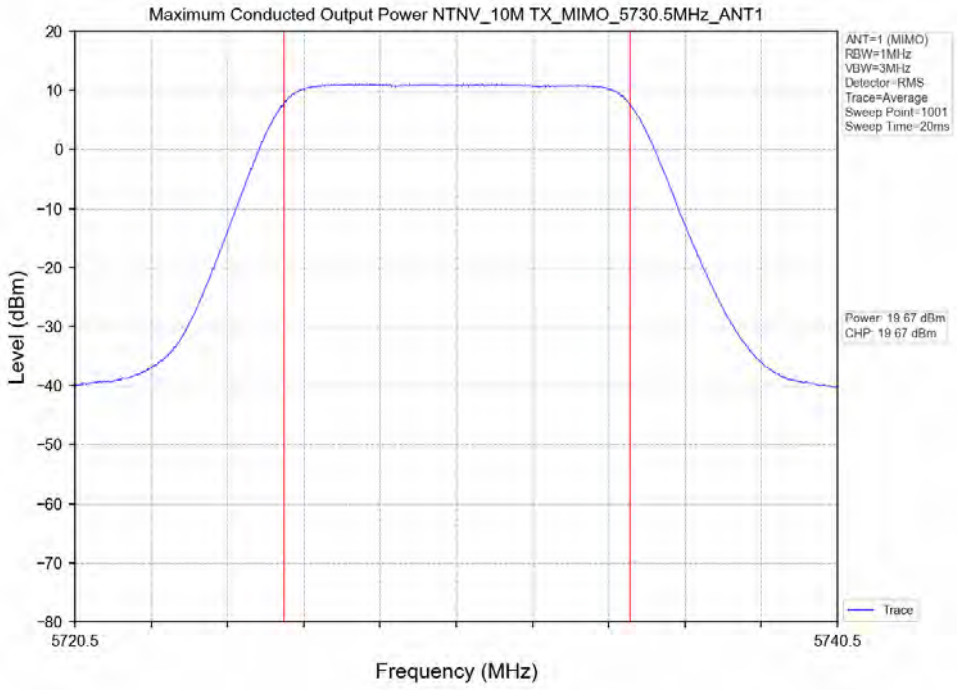
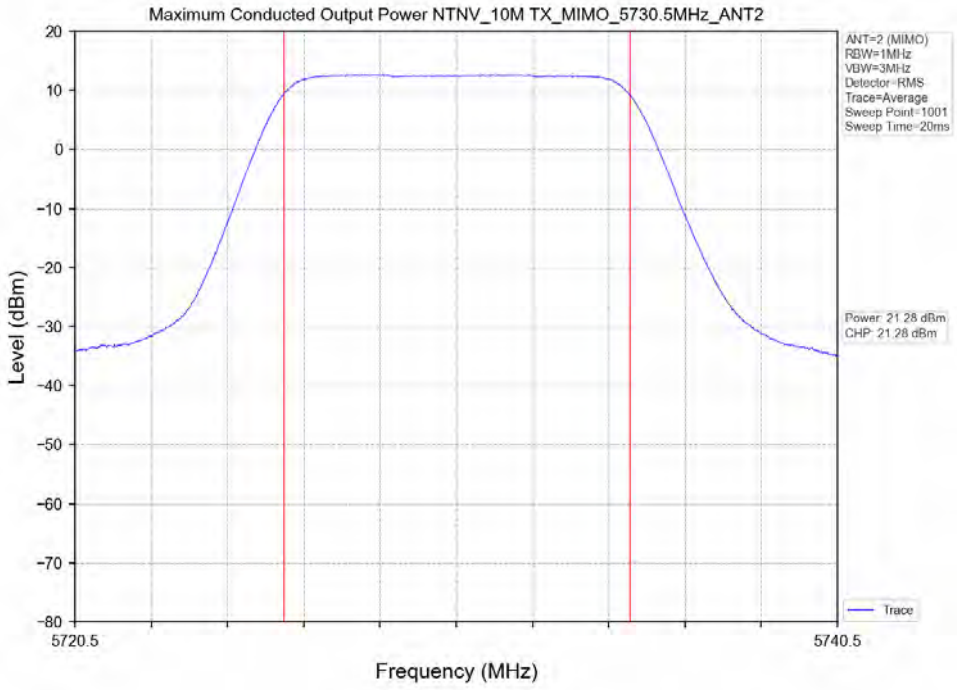
3.2 Test Graph





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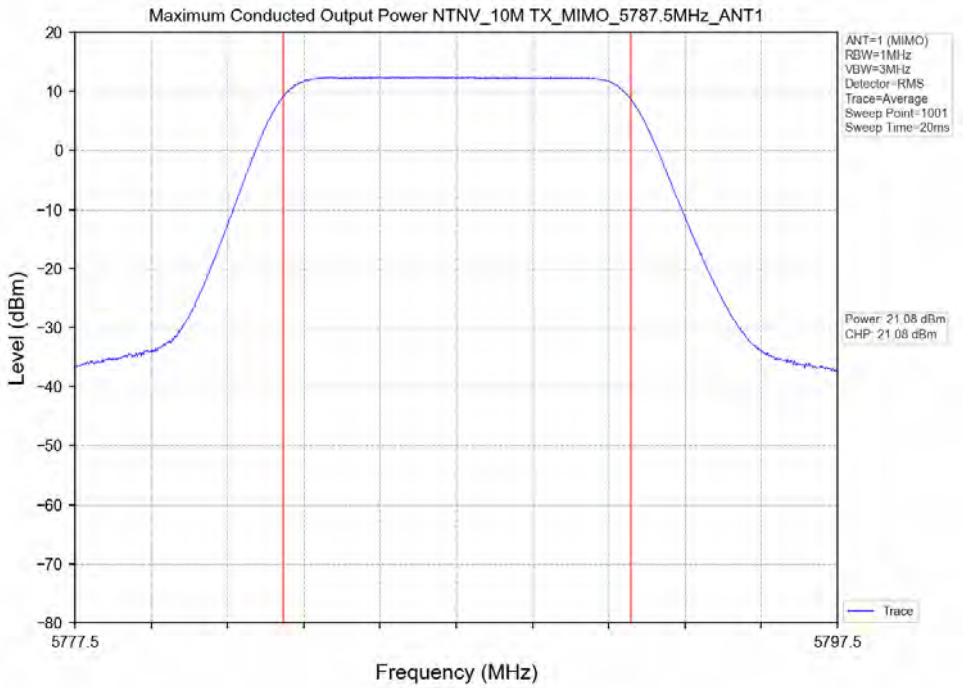

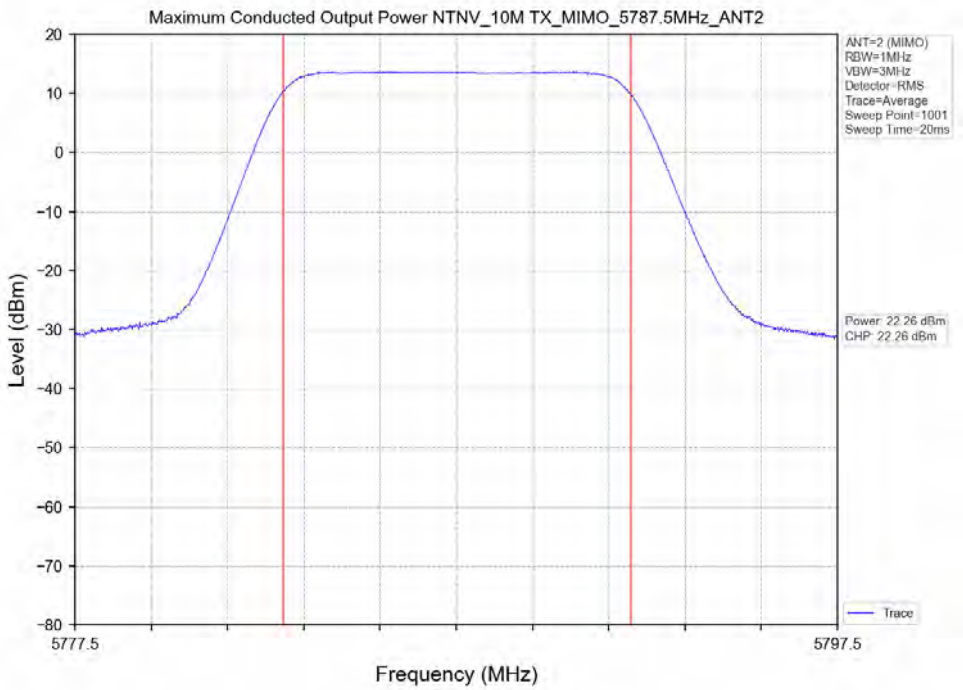

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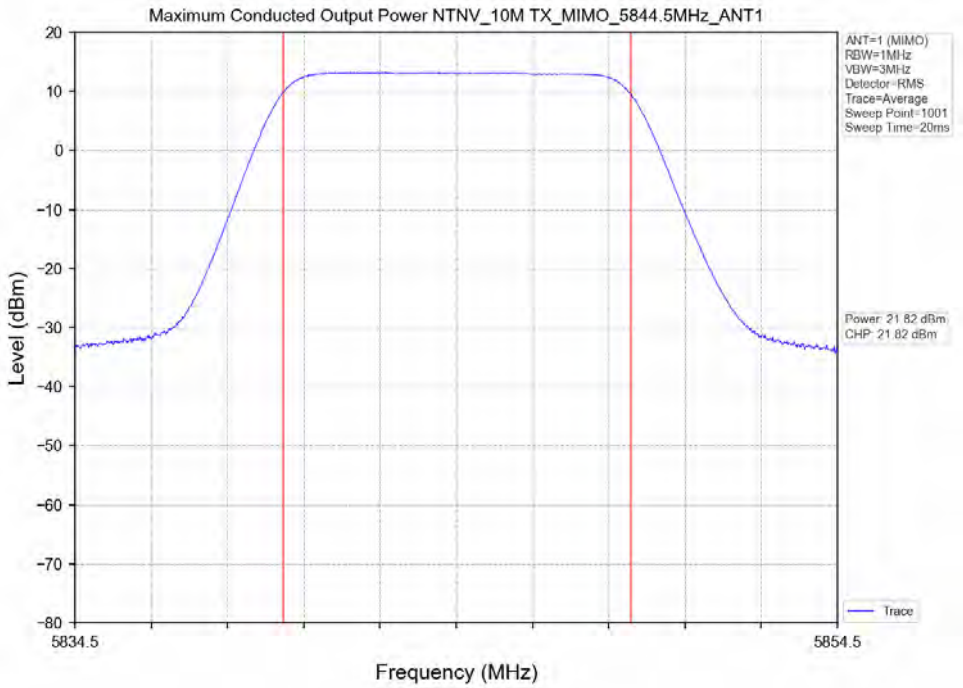

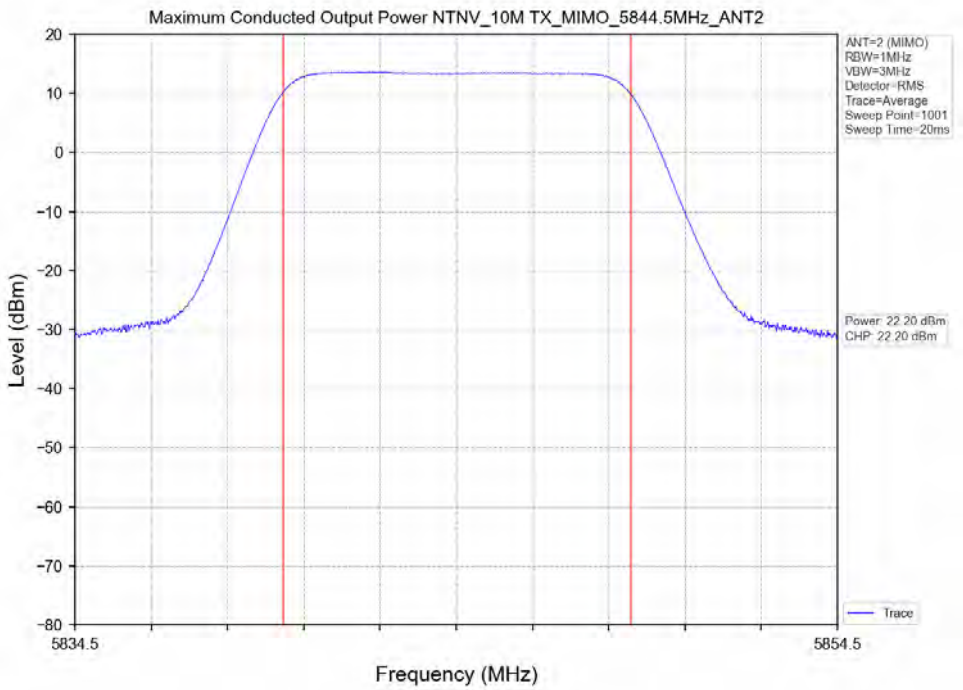

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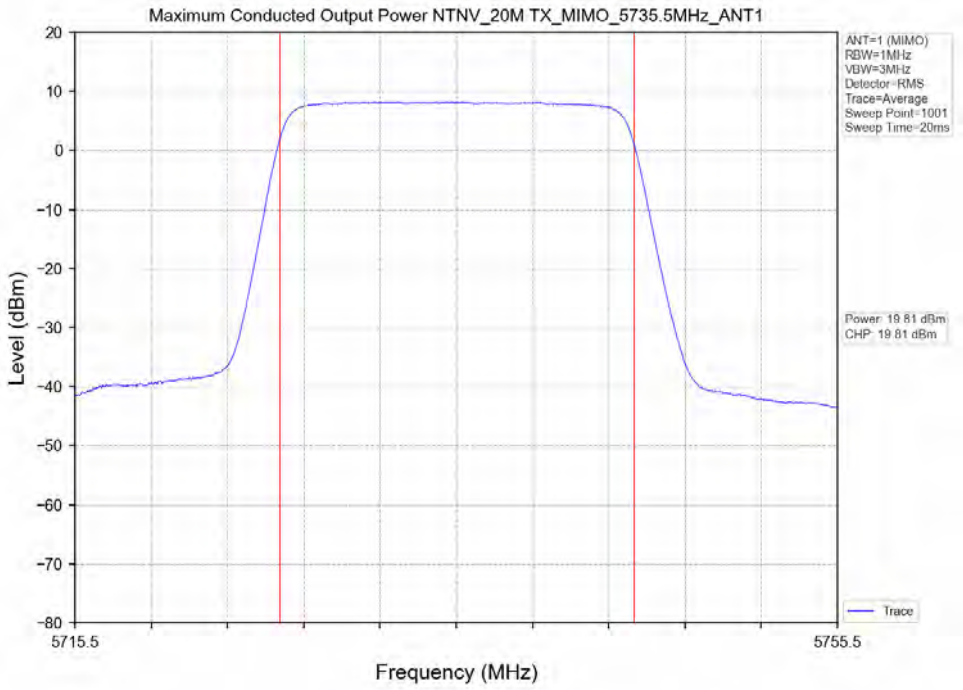

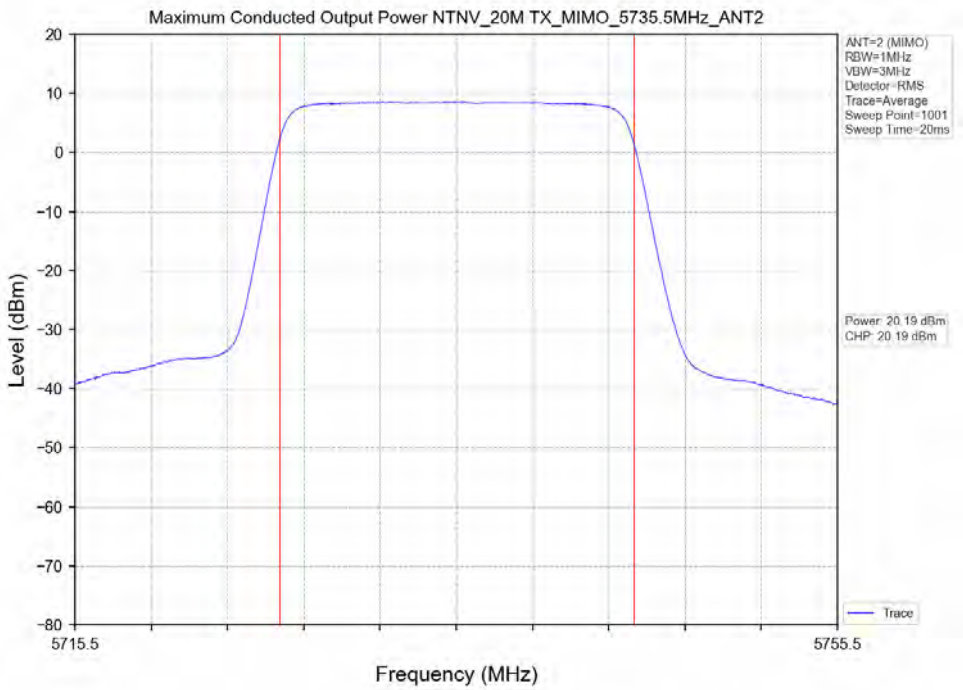

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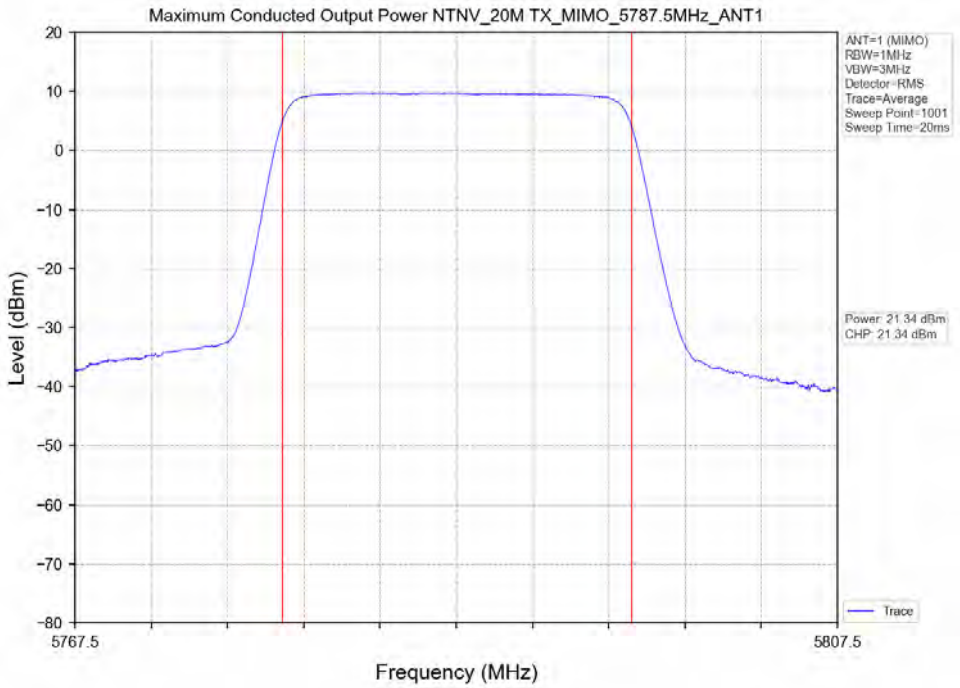

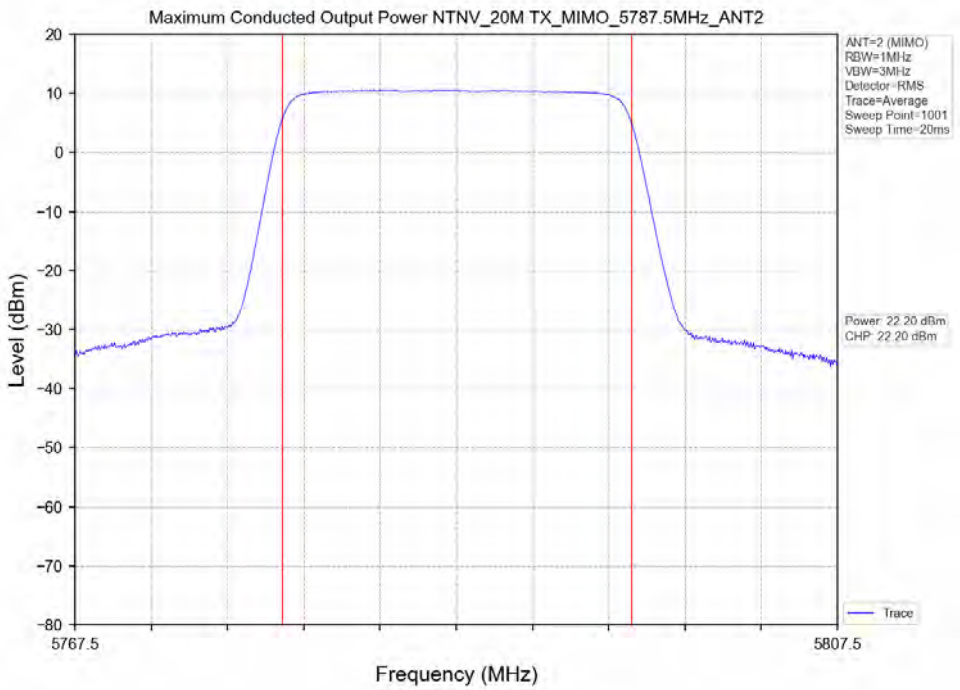

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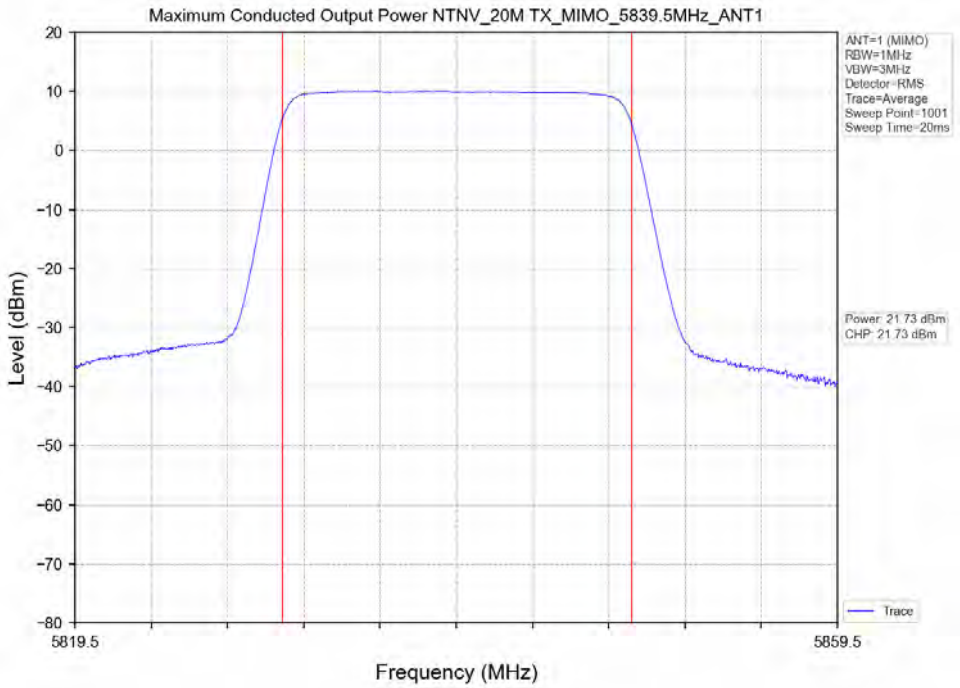

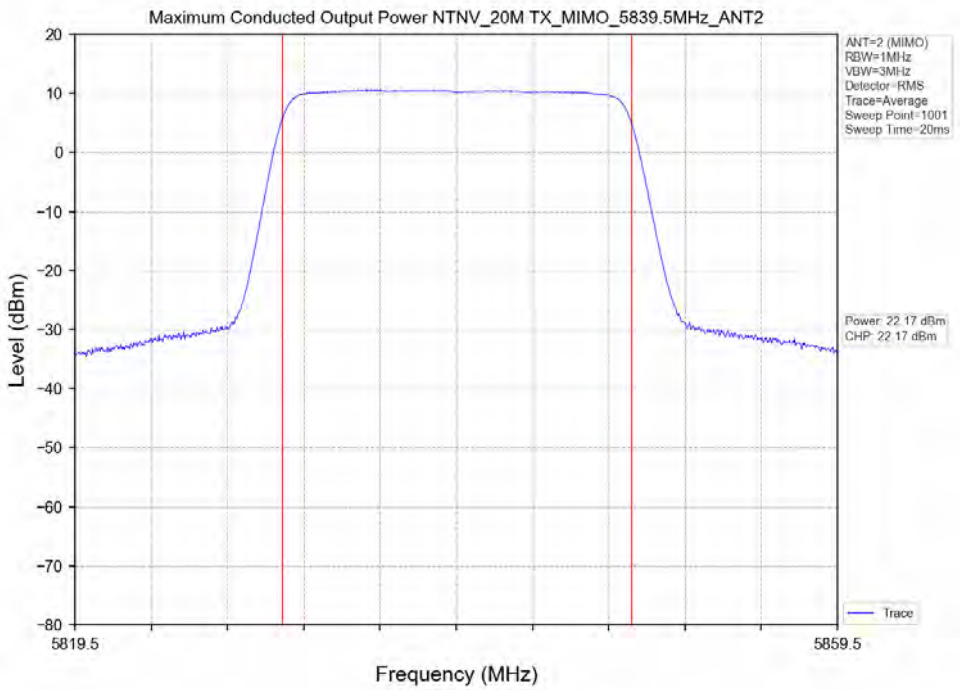

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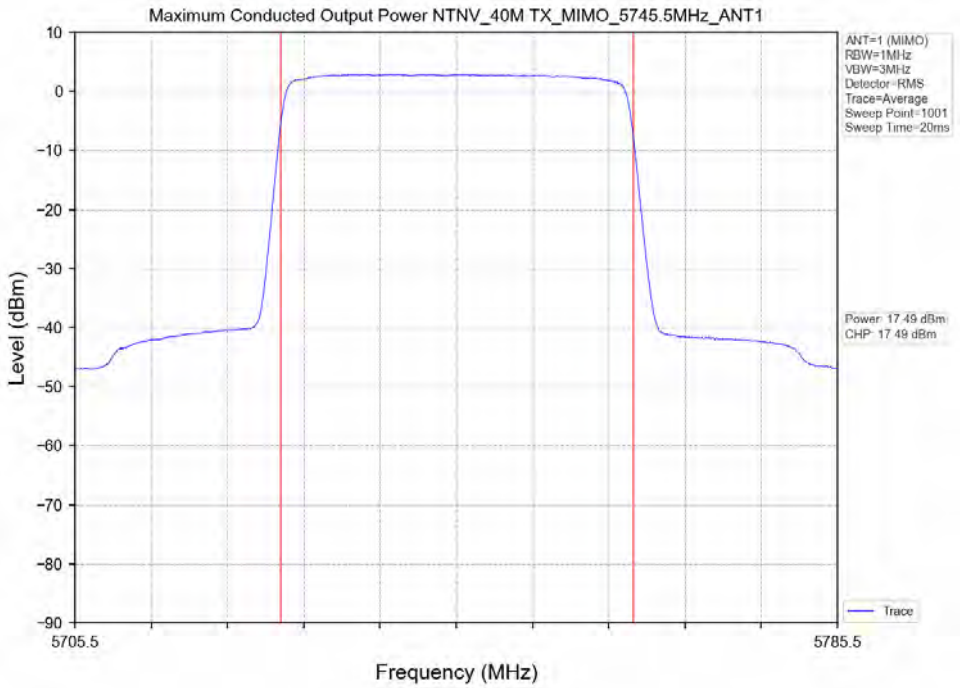

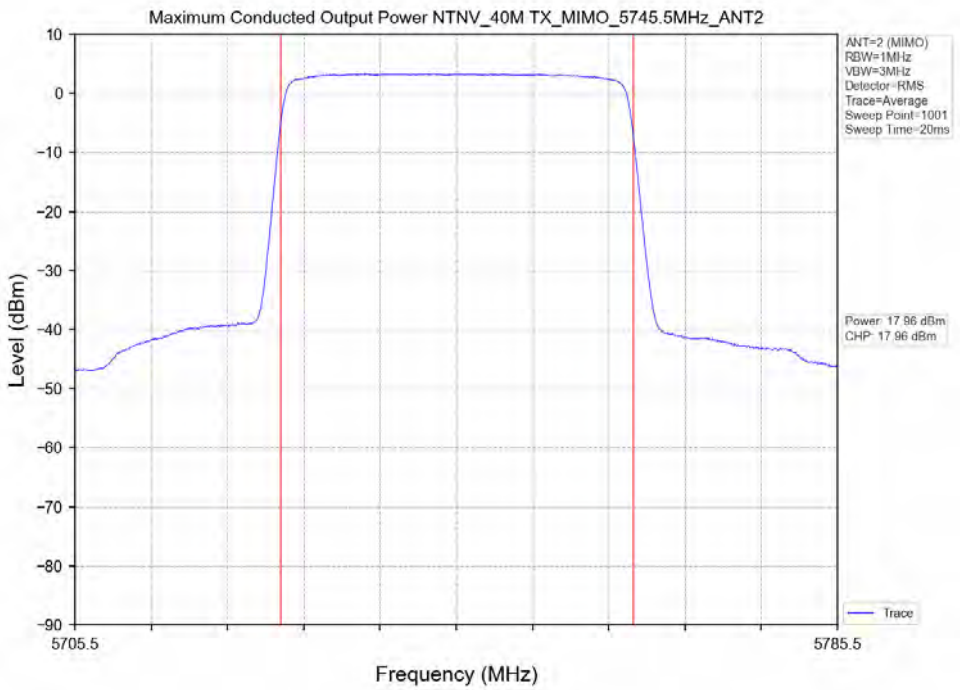

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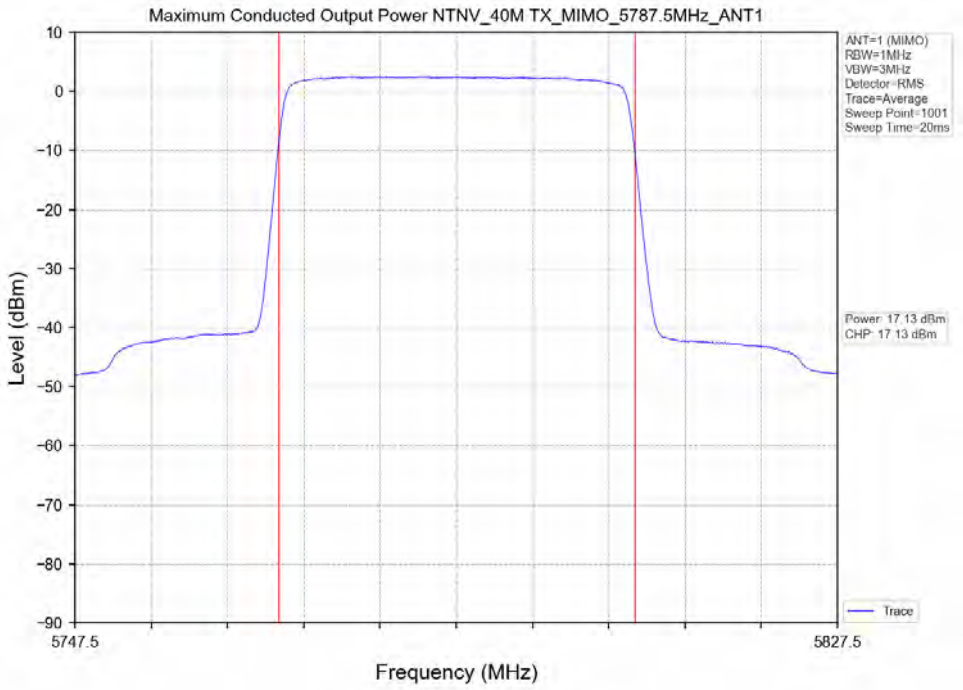

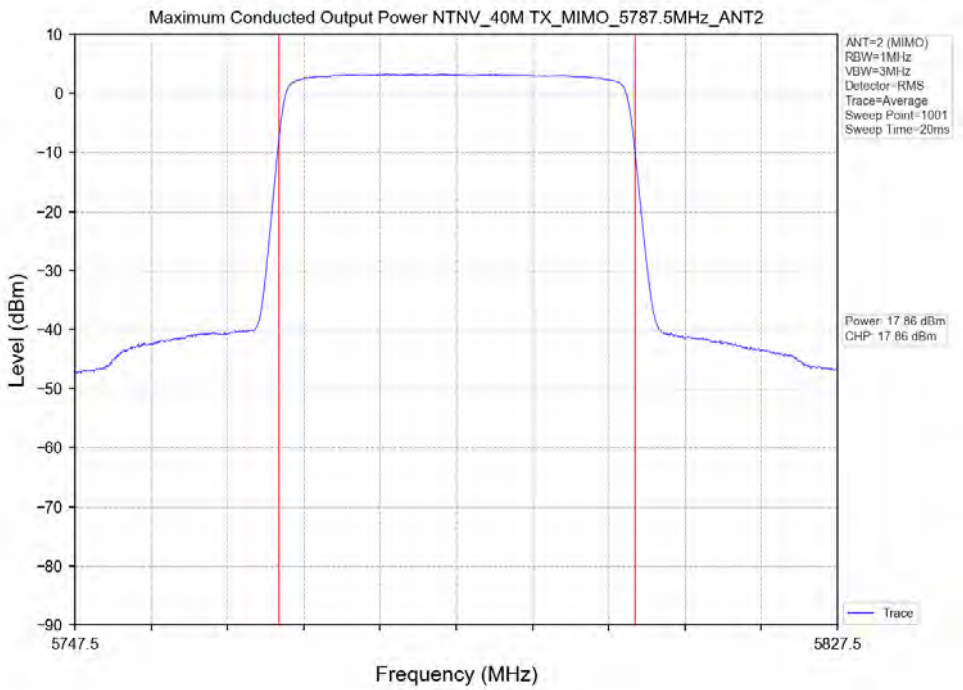

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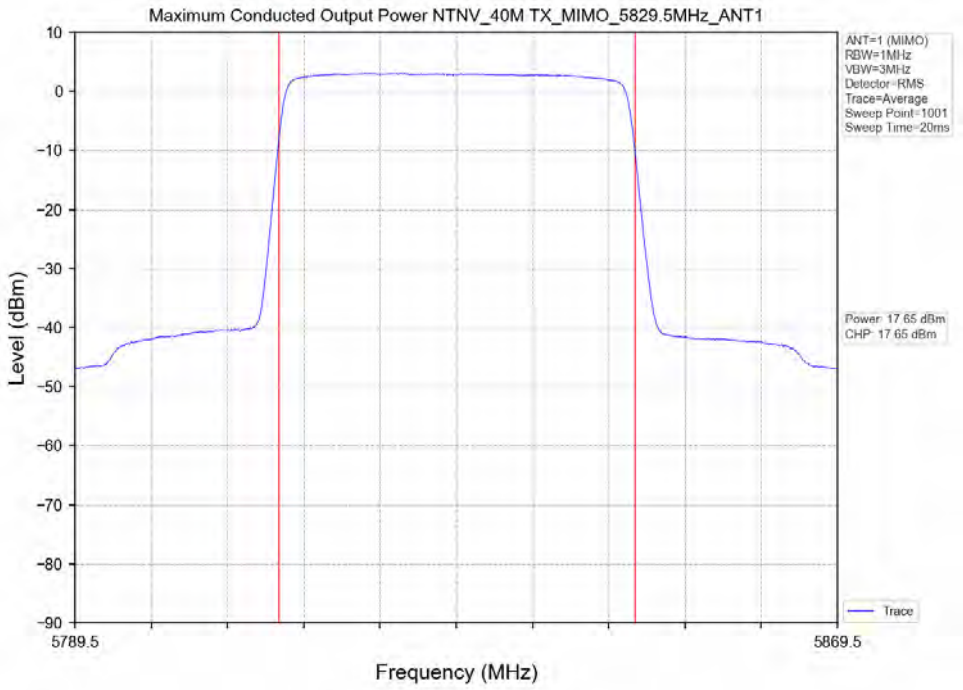

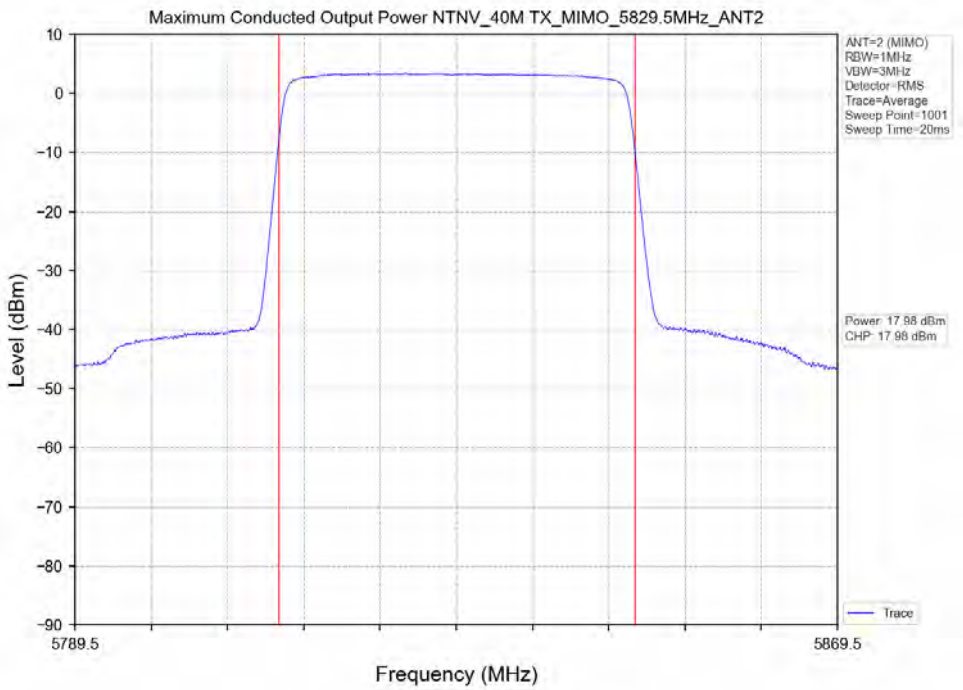

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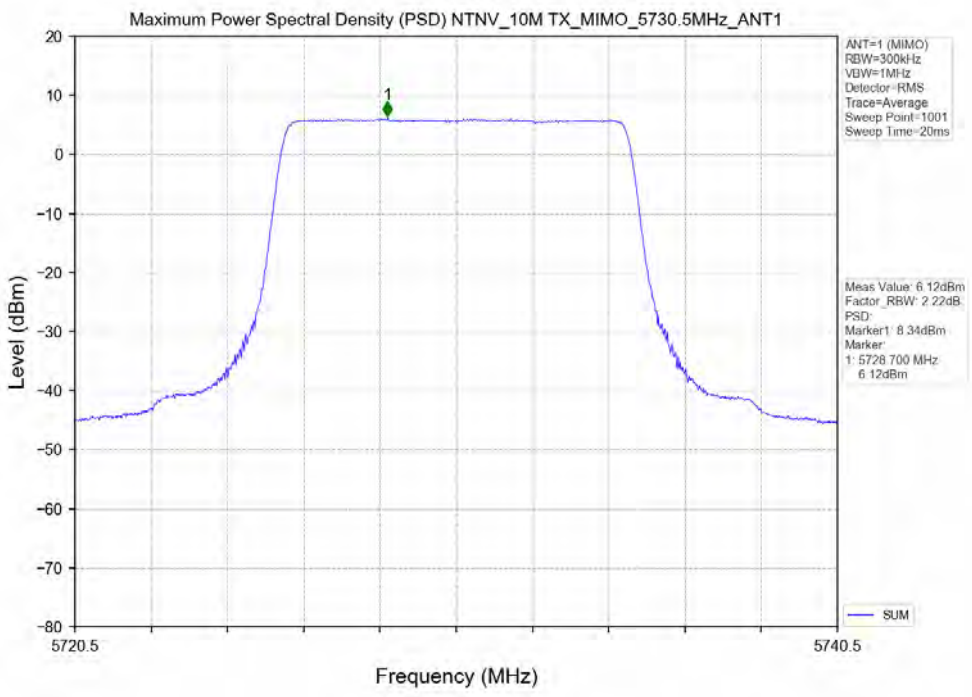
4. Maximum Power Spectral Density (PSD)

4.1 Test Result

Test Mode	Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)	Verdict

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)			Limits (dBm/500kHz)	Verdict
			Ant 1	Ant 2	Total		
10M TX-10M	5730.5	MIMO	8.34	9.92	12.14	≤28.49	PASS
	5787.5	MIMO	9.77	10.96	13.30	≤28.49	PASS
	5844.5	MIMO	10.34	10.75	13.49	≤28.49	PASS
20M TX-20M	5735.5	MIMO	9.64	7.23	11.58	≤28.49	PASS
	5787.5	MIMO	6.95	7.80	10.30	≤28.49	PASS
	5839.5	MIMO	7.33	7.83	10.44	≤28.49	PASS
40M TX-40M	5745.5	MIMO	0.18	0.66	3.36	≤28.49	PASS
	5787.5	MIMO	-0.15	0.58	3.01	≤28.49	PASS
	5829.5	MIMO	0.28	0.78	3.41	≤28.49	PASS

4.2 Test Graph



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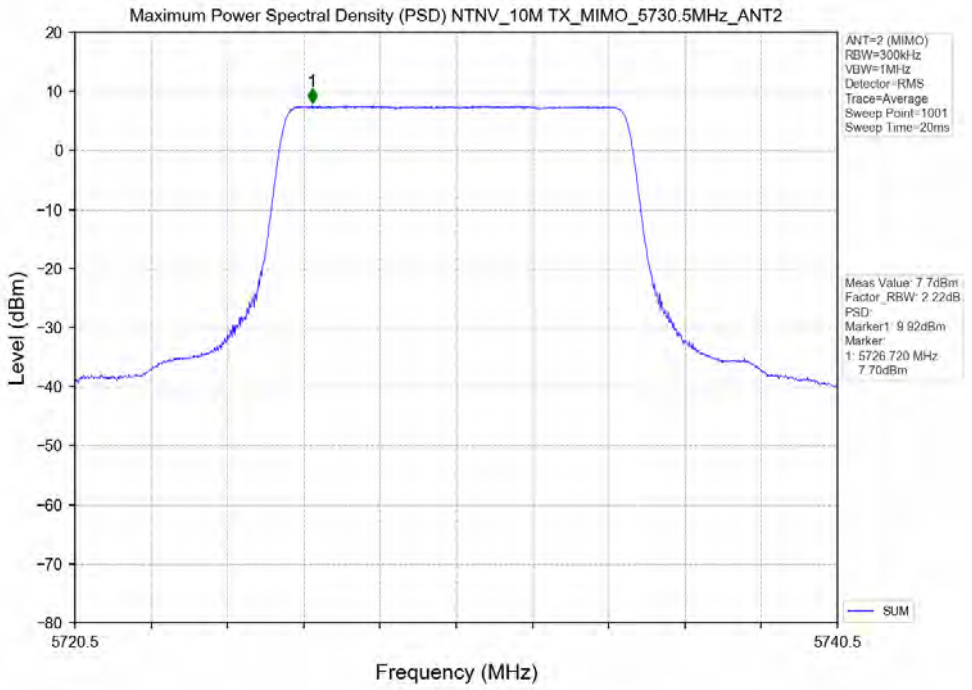

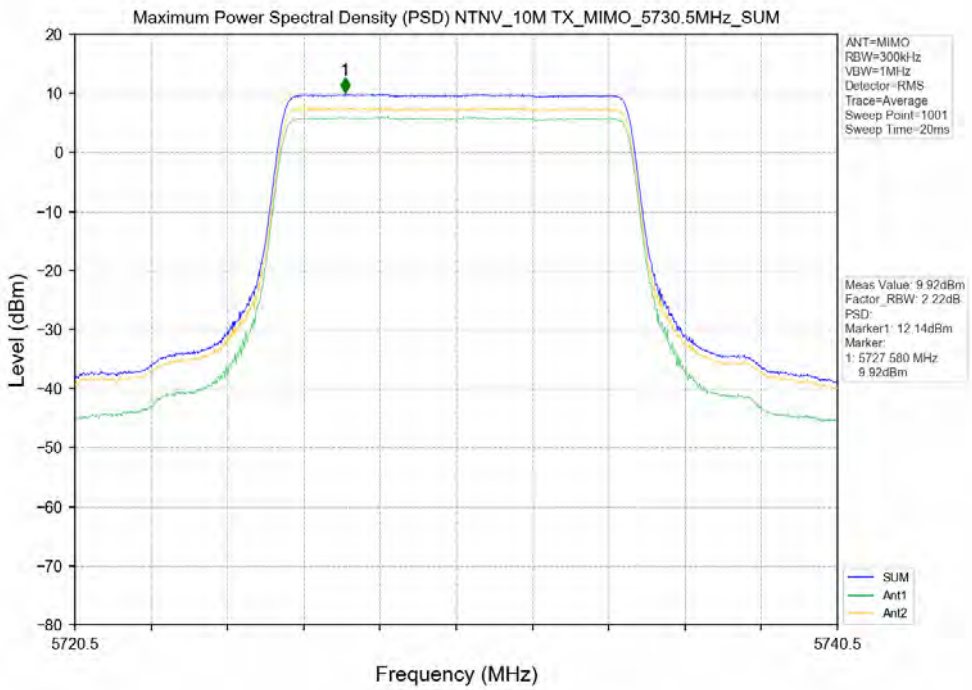

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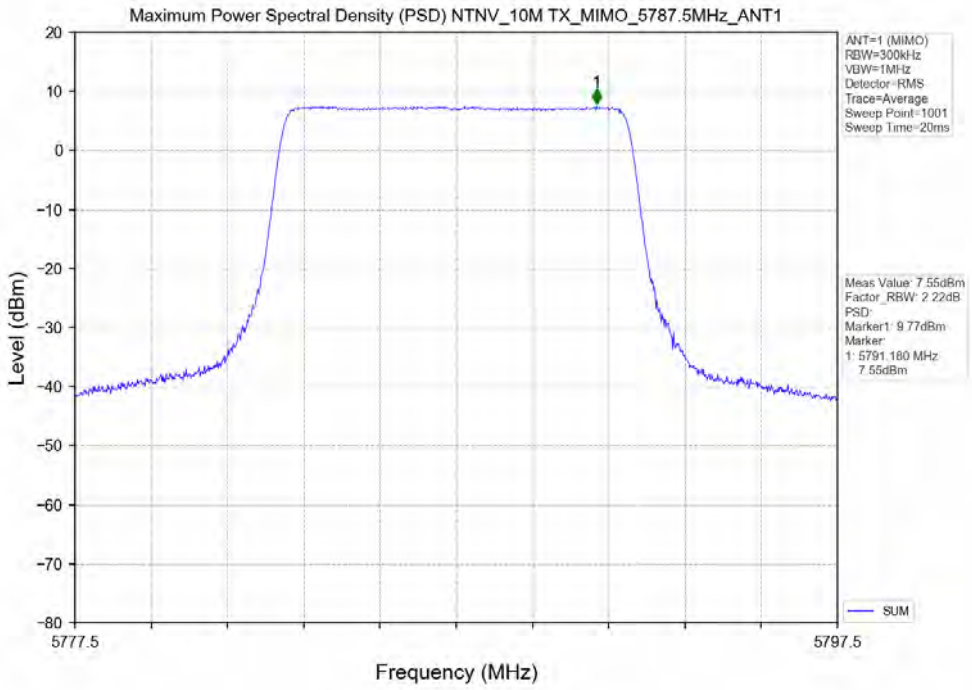

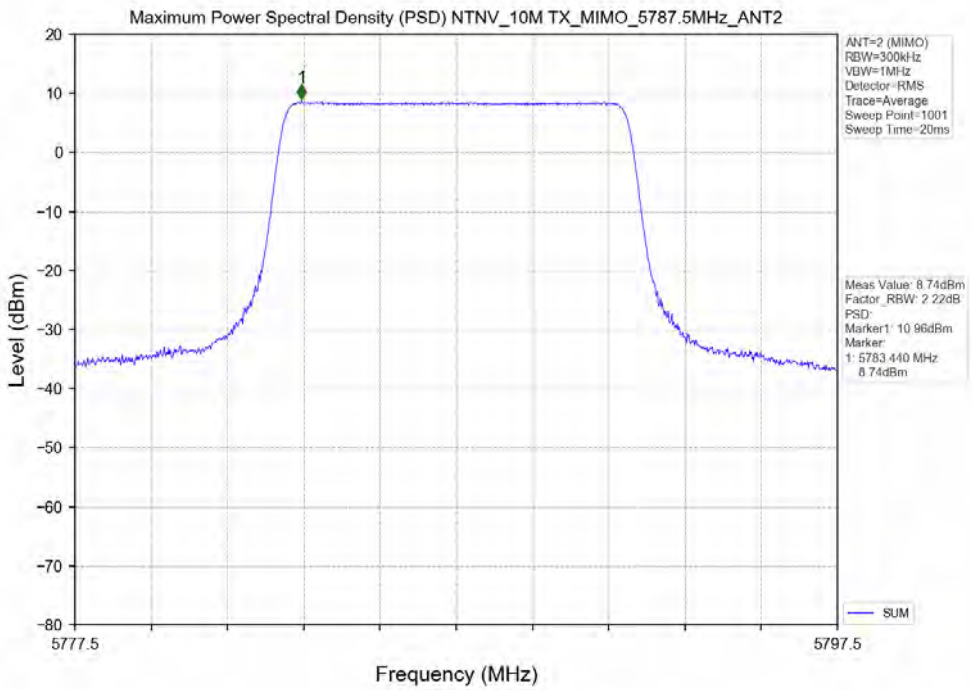

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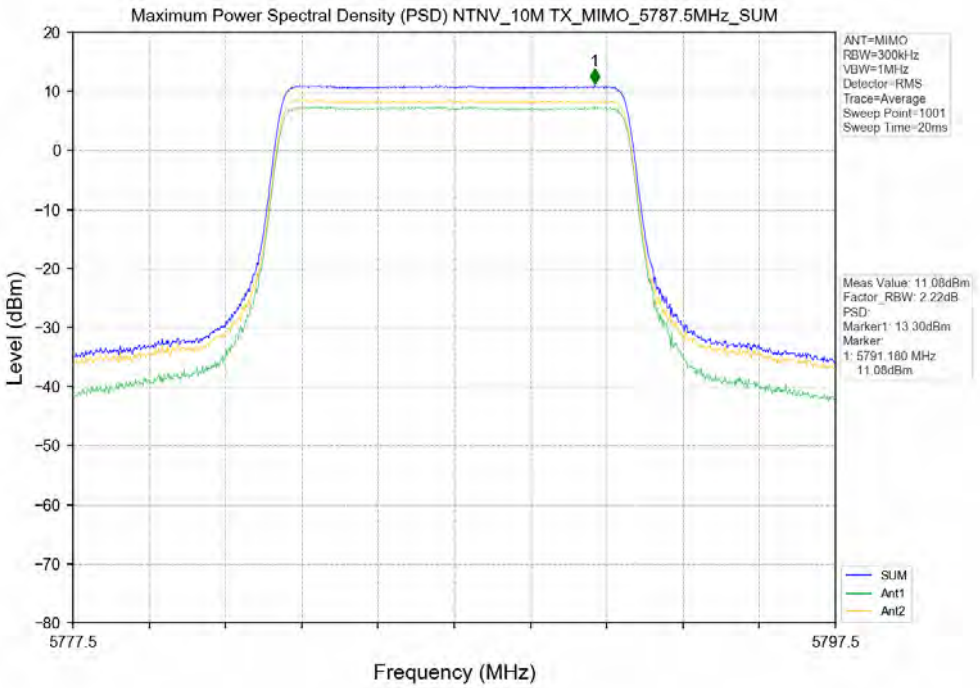

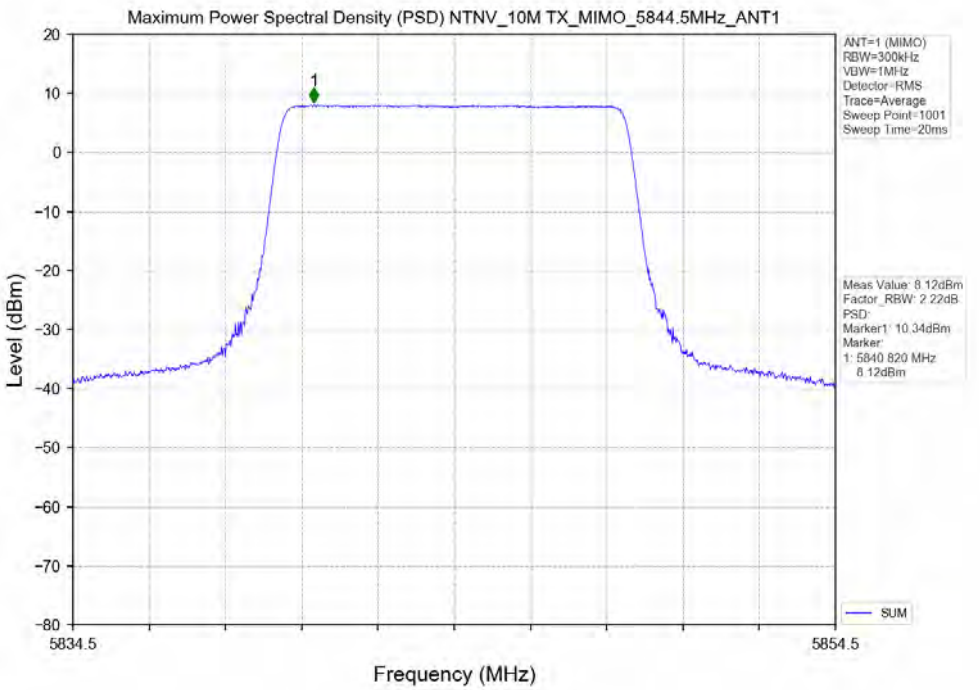

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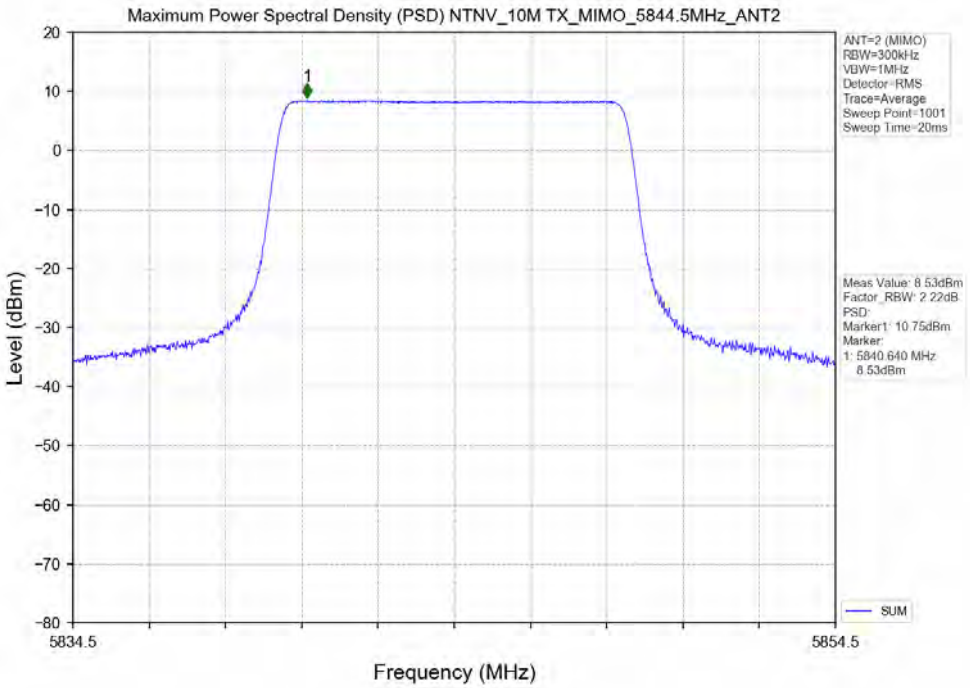

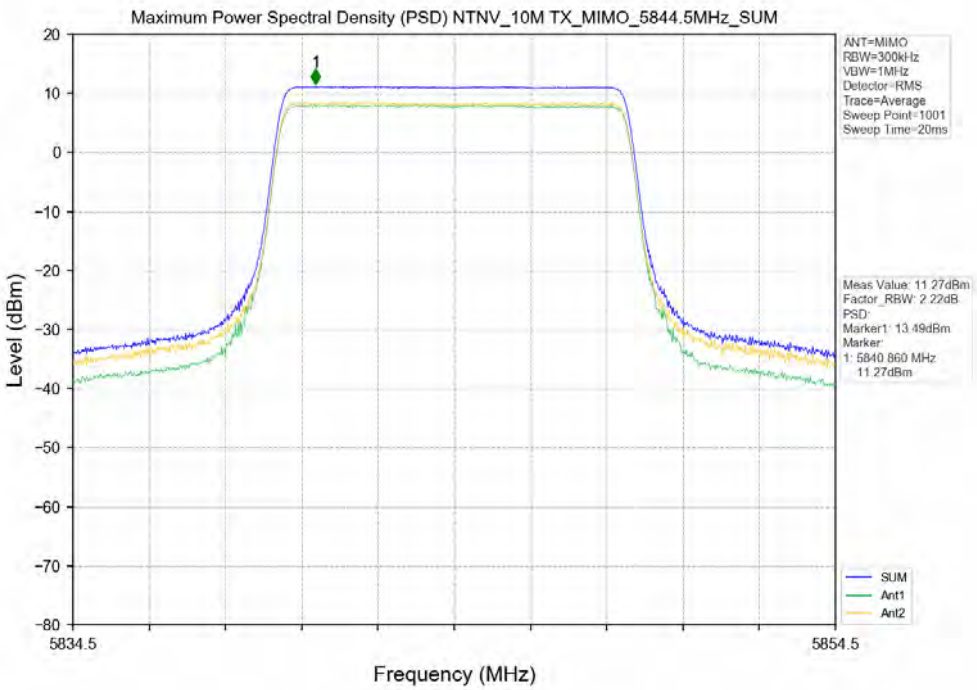

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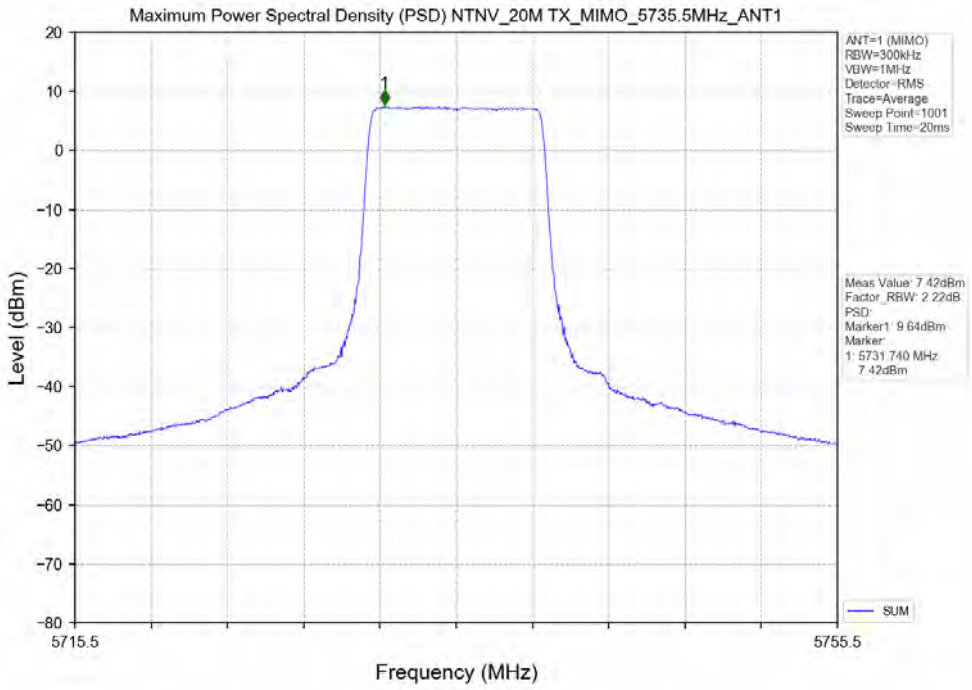

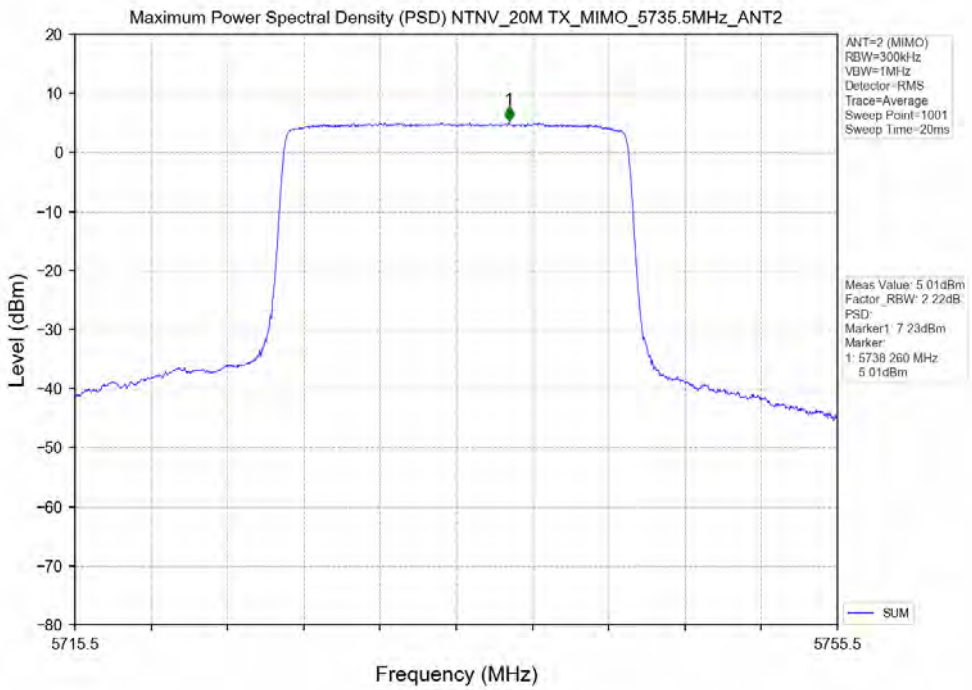

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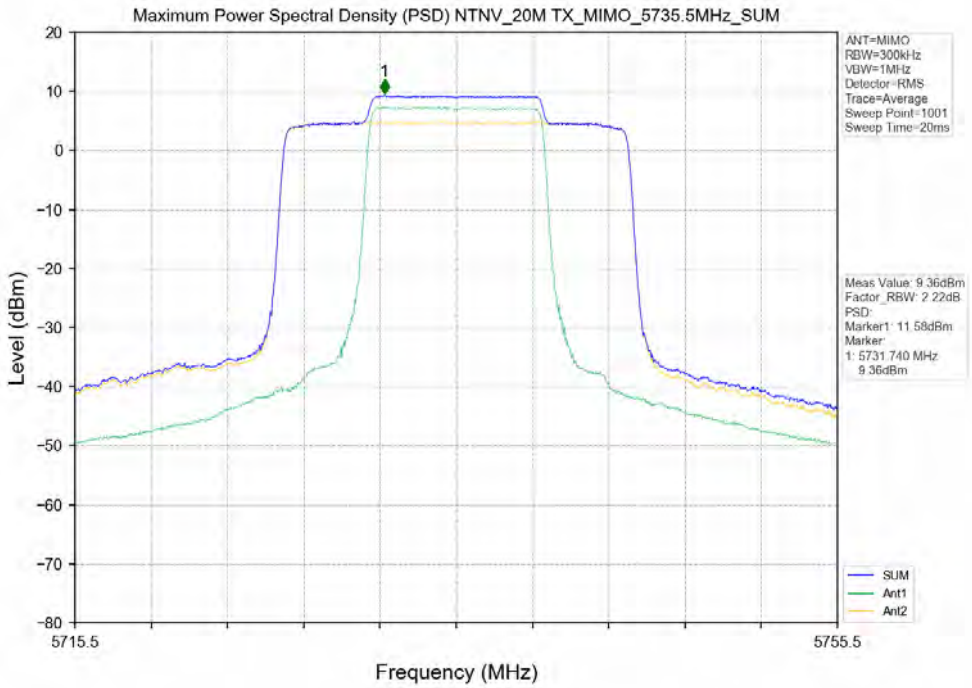

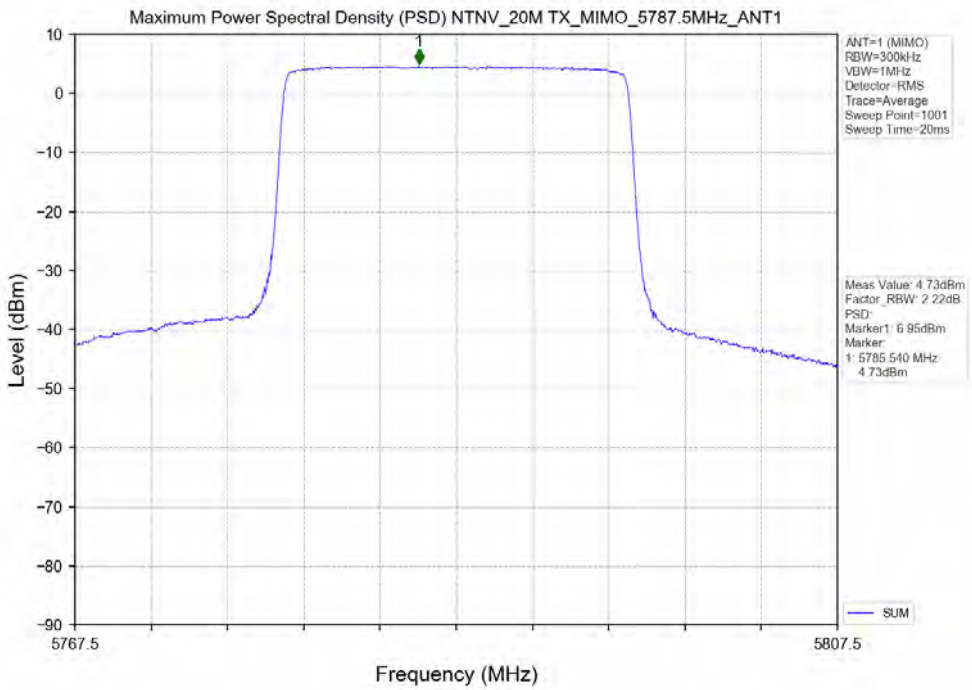

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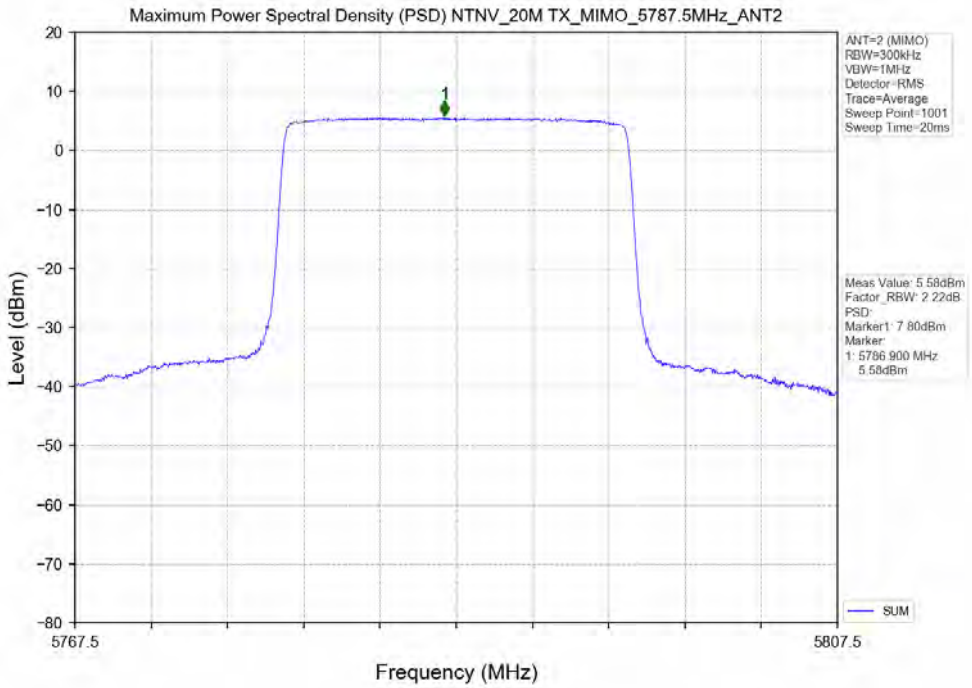

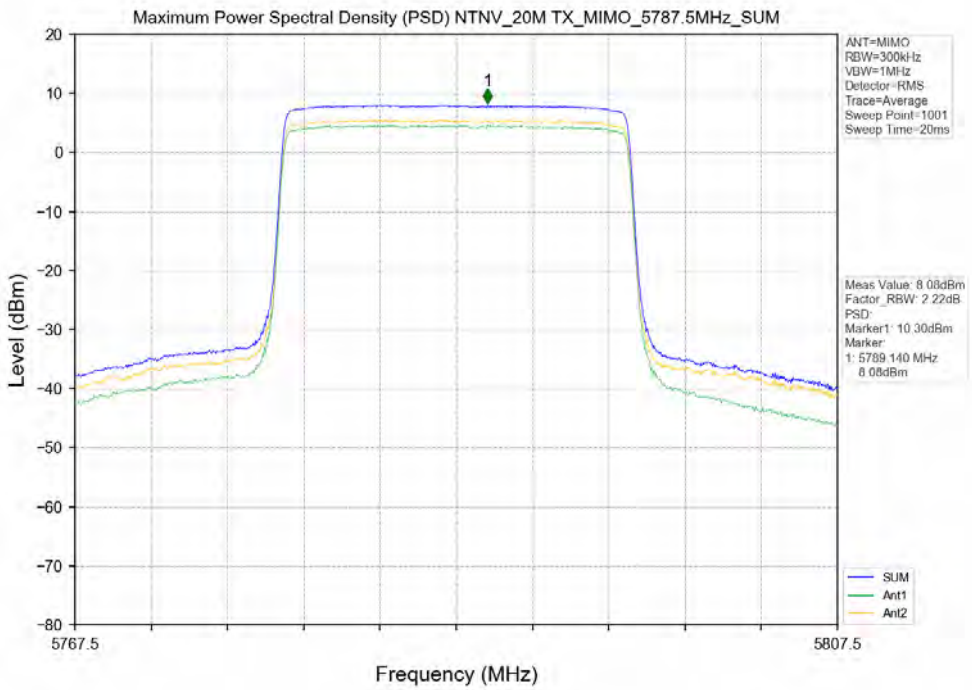

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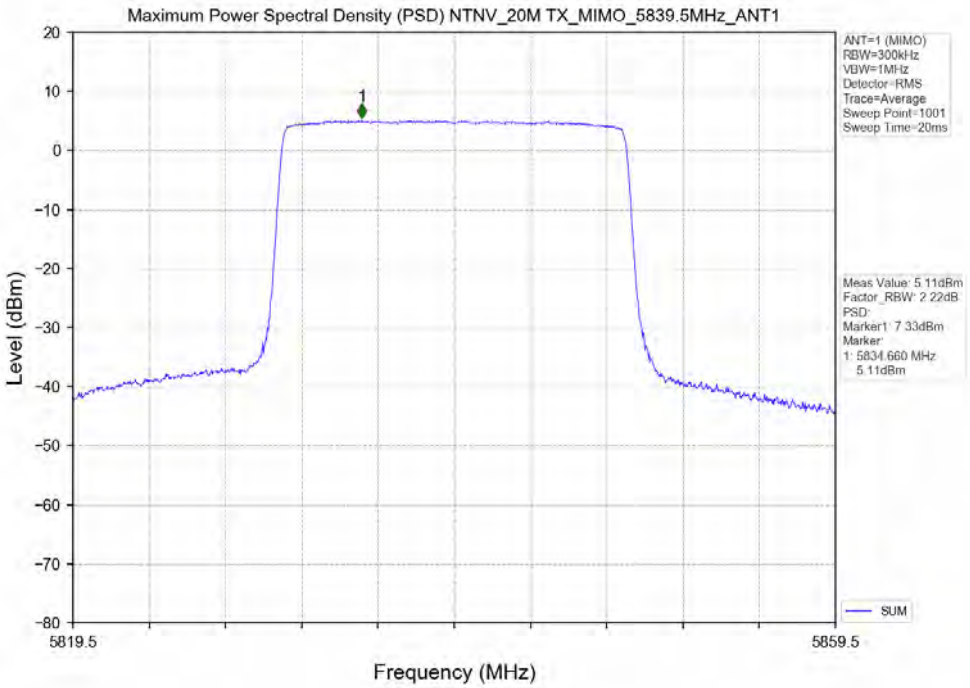

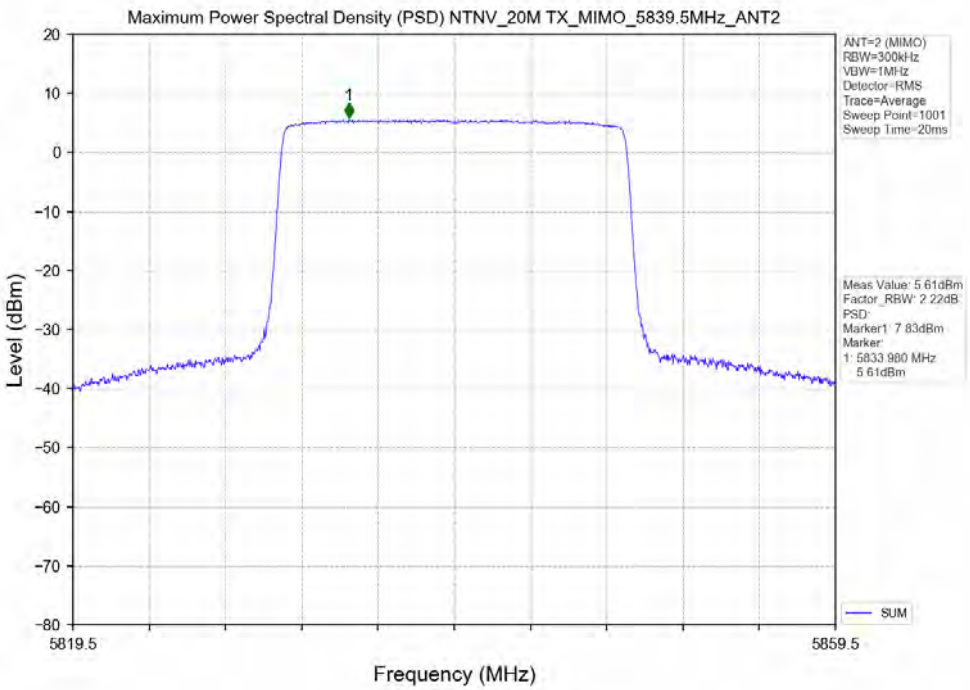

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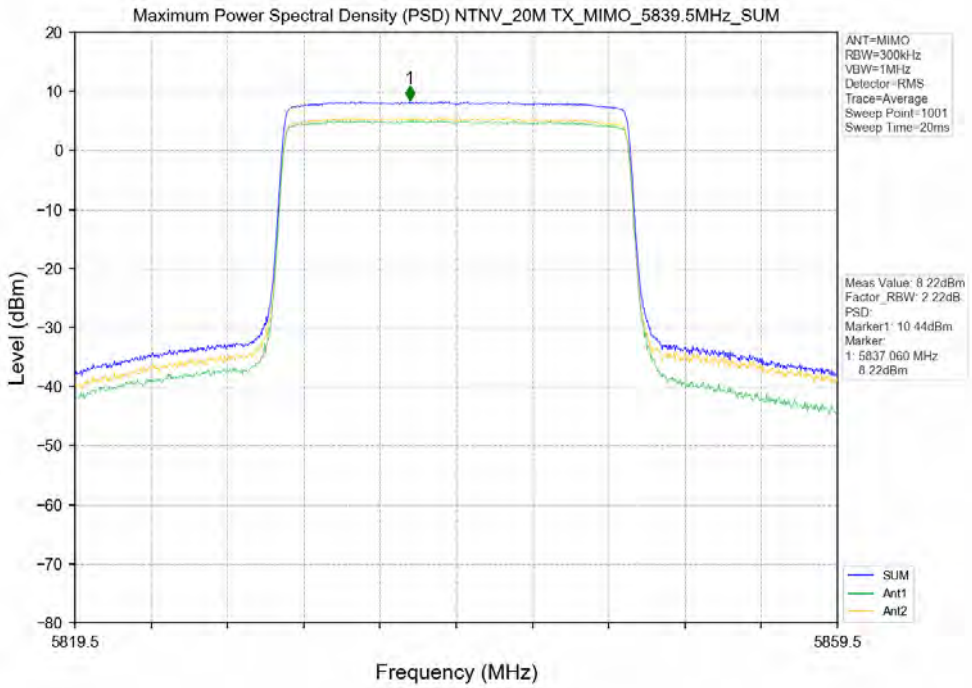

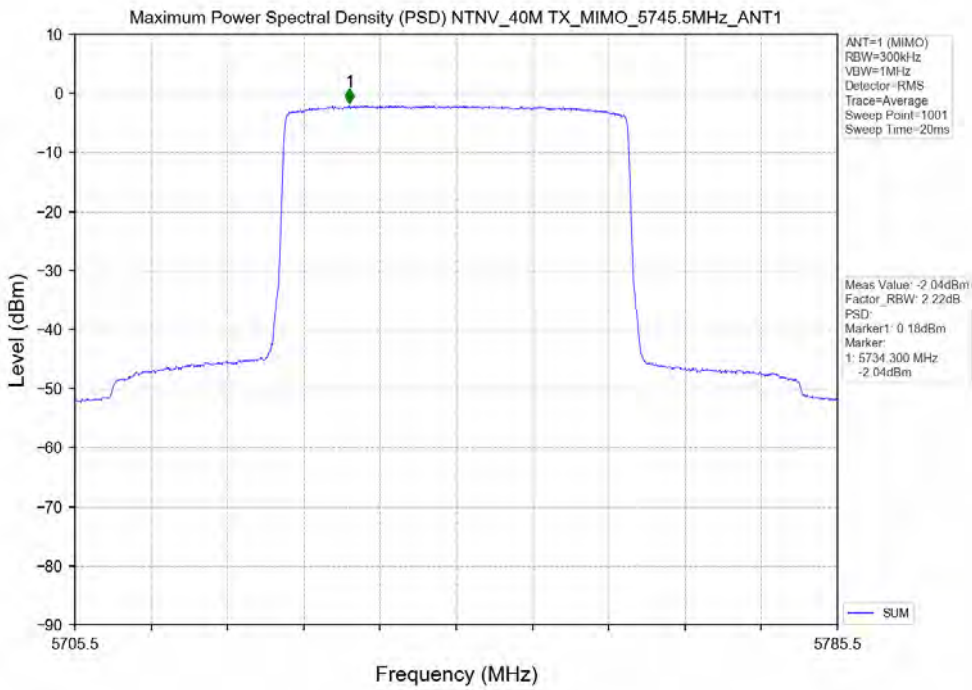

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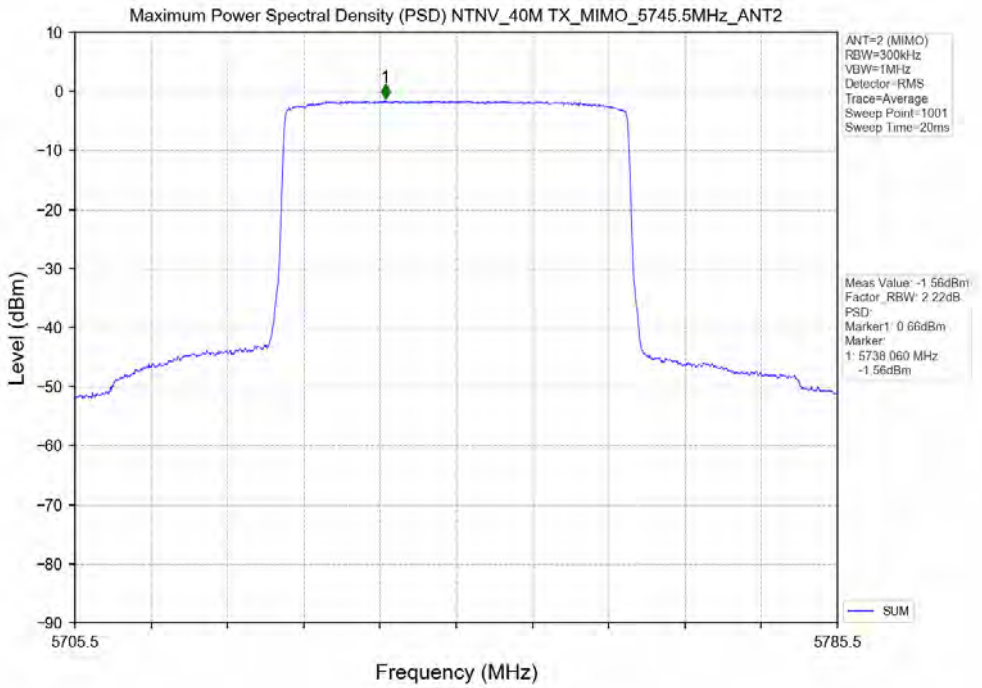

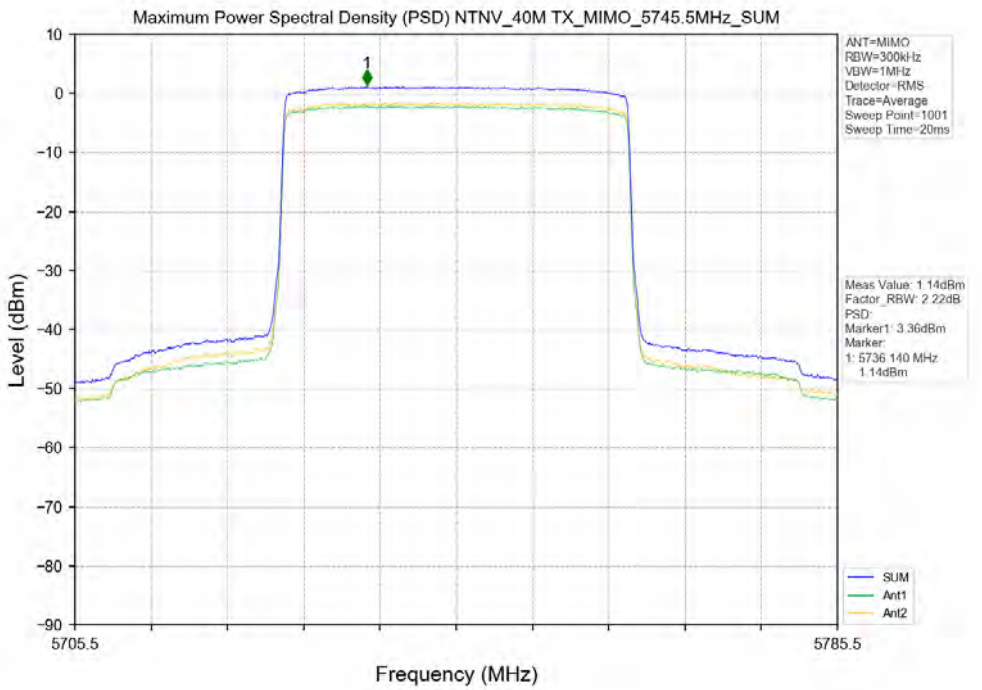

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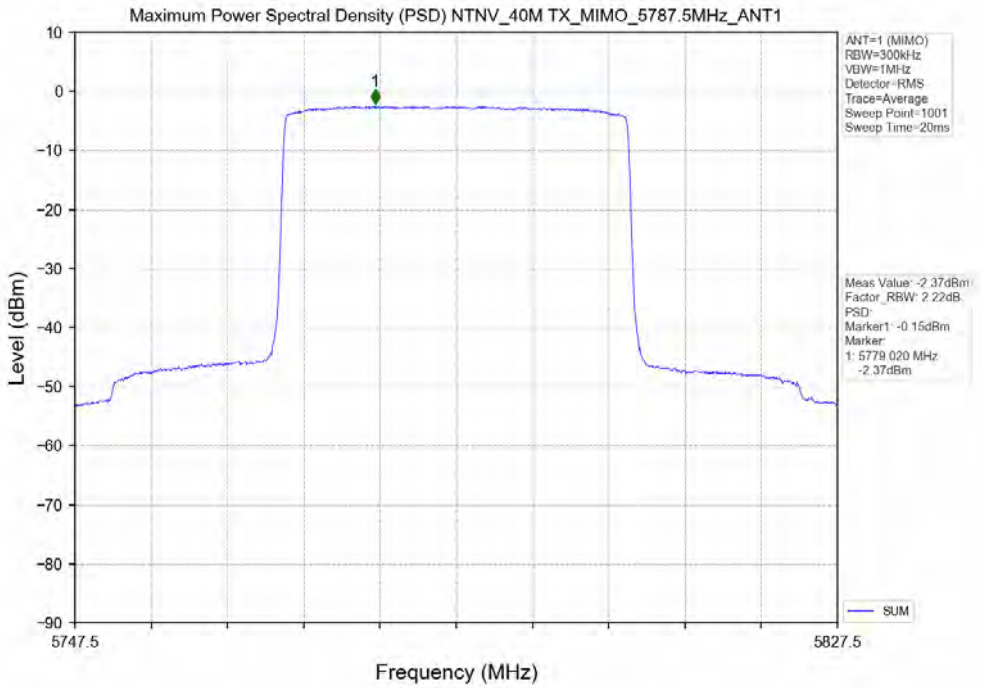

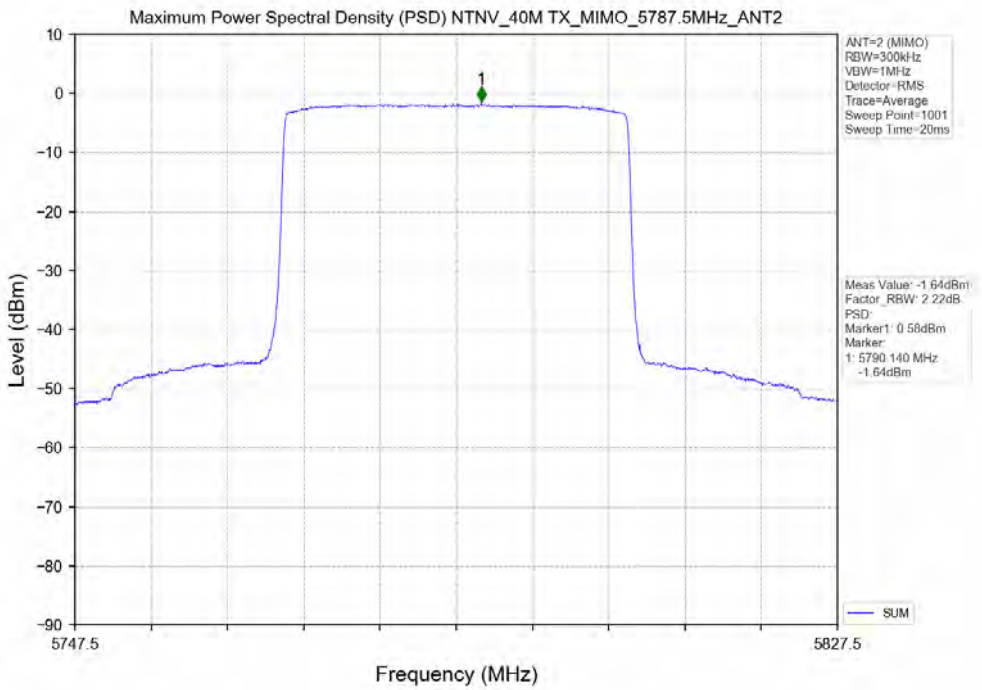

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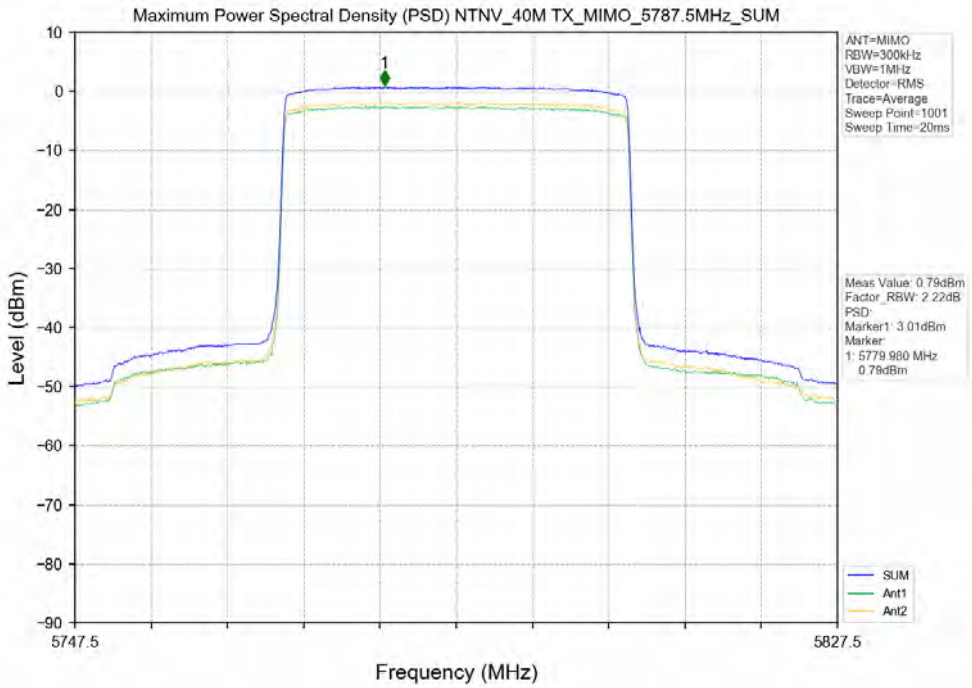

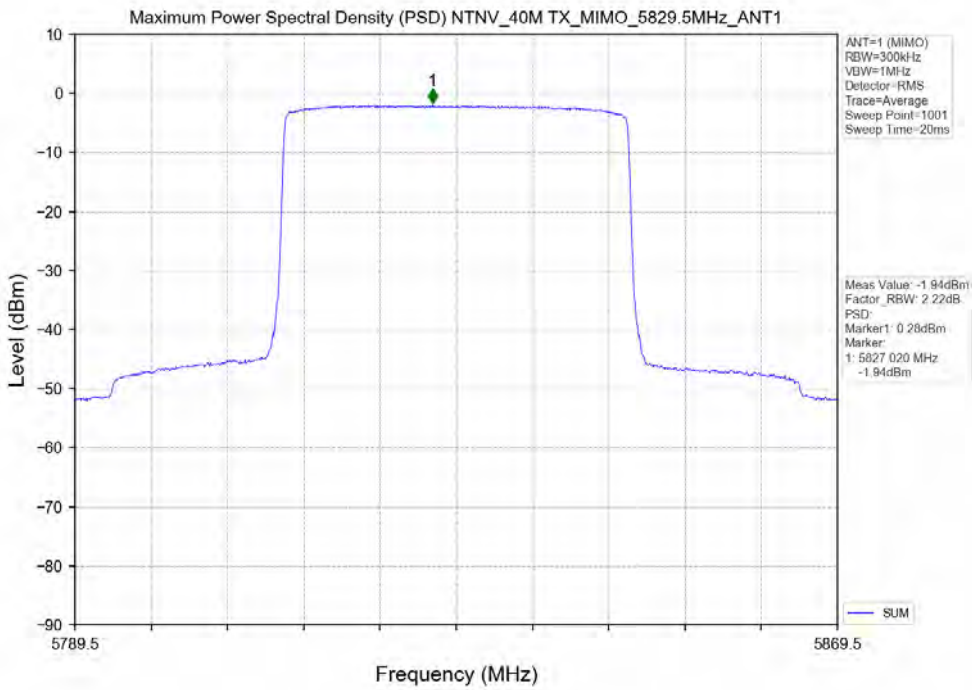

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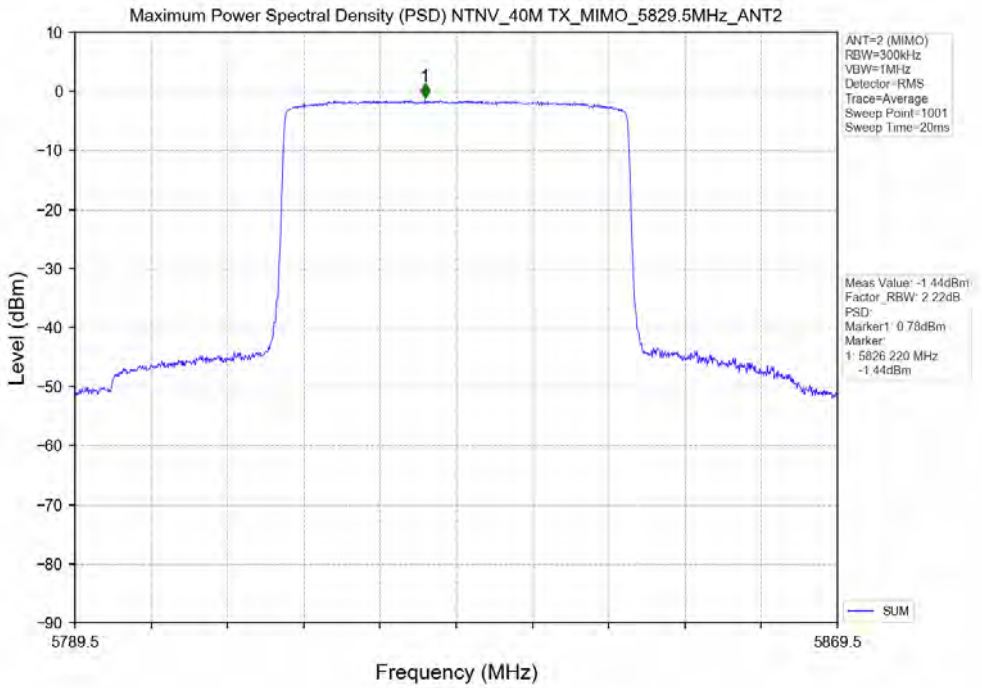

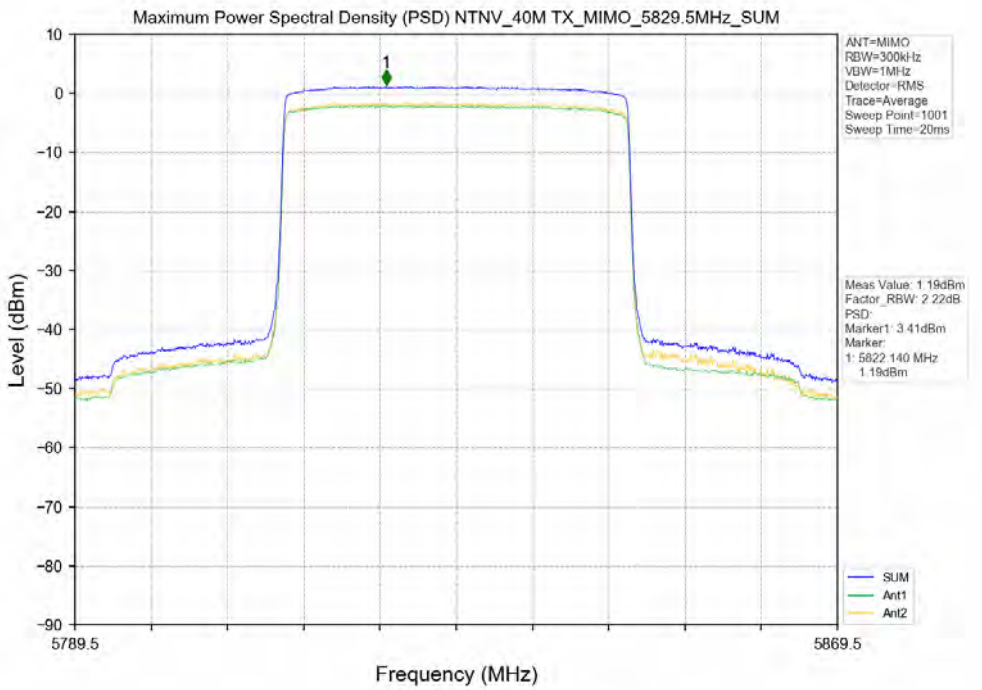

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5. Frequency Stability

5.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	10M TX	5730.5	MIMO	0	<=20	PASS
		5787.5	MIMO	0	<=20	PASS
		5844.5	MIMO	1.71	<=20	PASS
	20M TX	5735.5	MIMO	0	<=20	PASS
		5787.5	MIMO	0	<=20	PASS
		5839.5	MIMO	0	<=20	PASS
	40M TX	5745.5	MIMO	0	<=20	PASS
		5787.5	MIMO	-6.91	<=20	PASS
		5829.5	MIMO	-6.86	<=20	PASS

- End of the Report -

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