



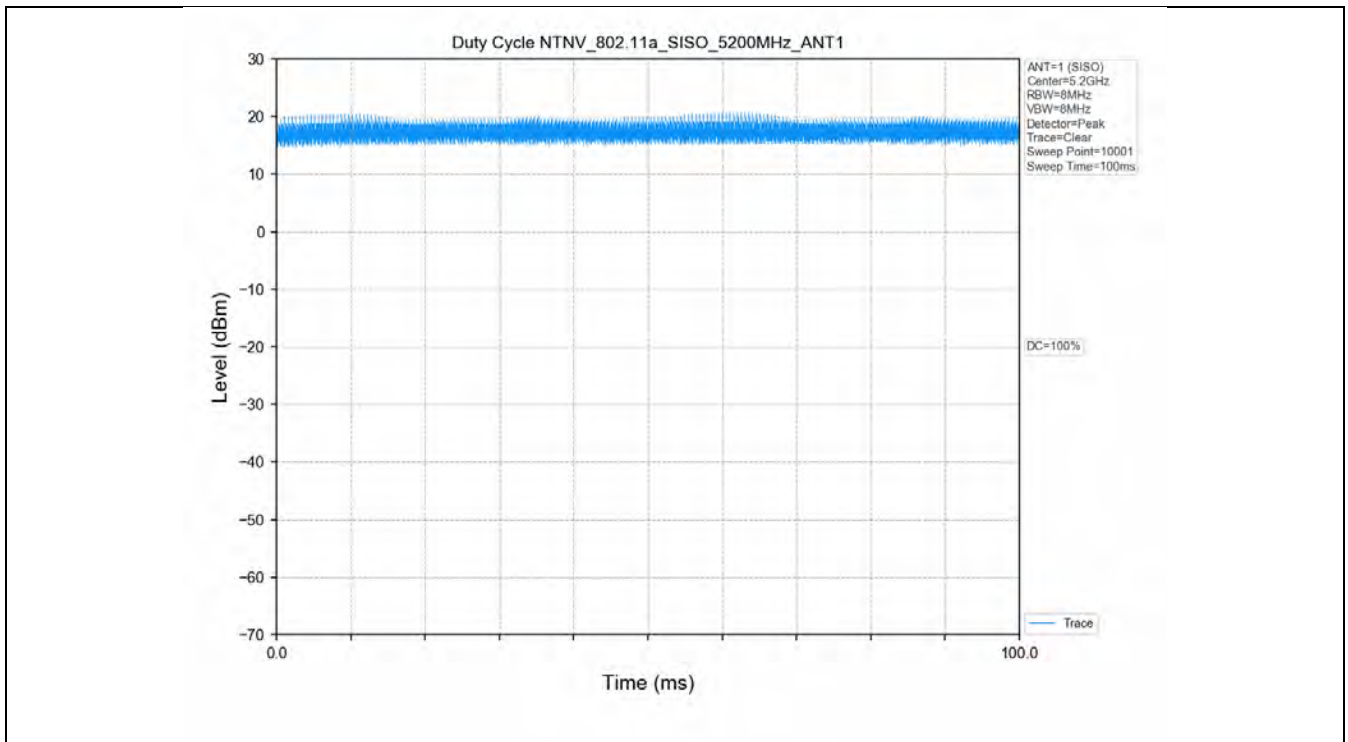
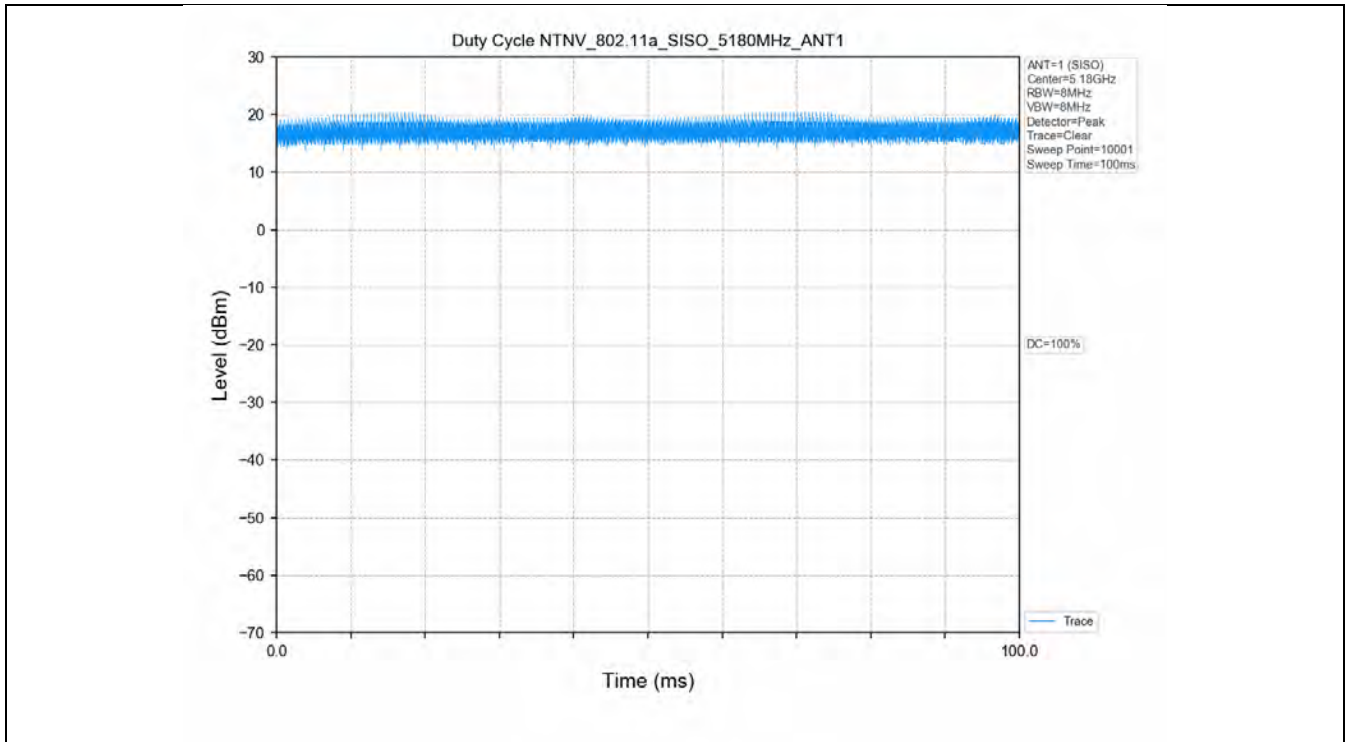
Appendix C for SHEM200700634503

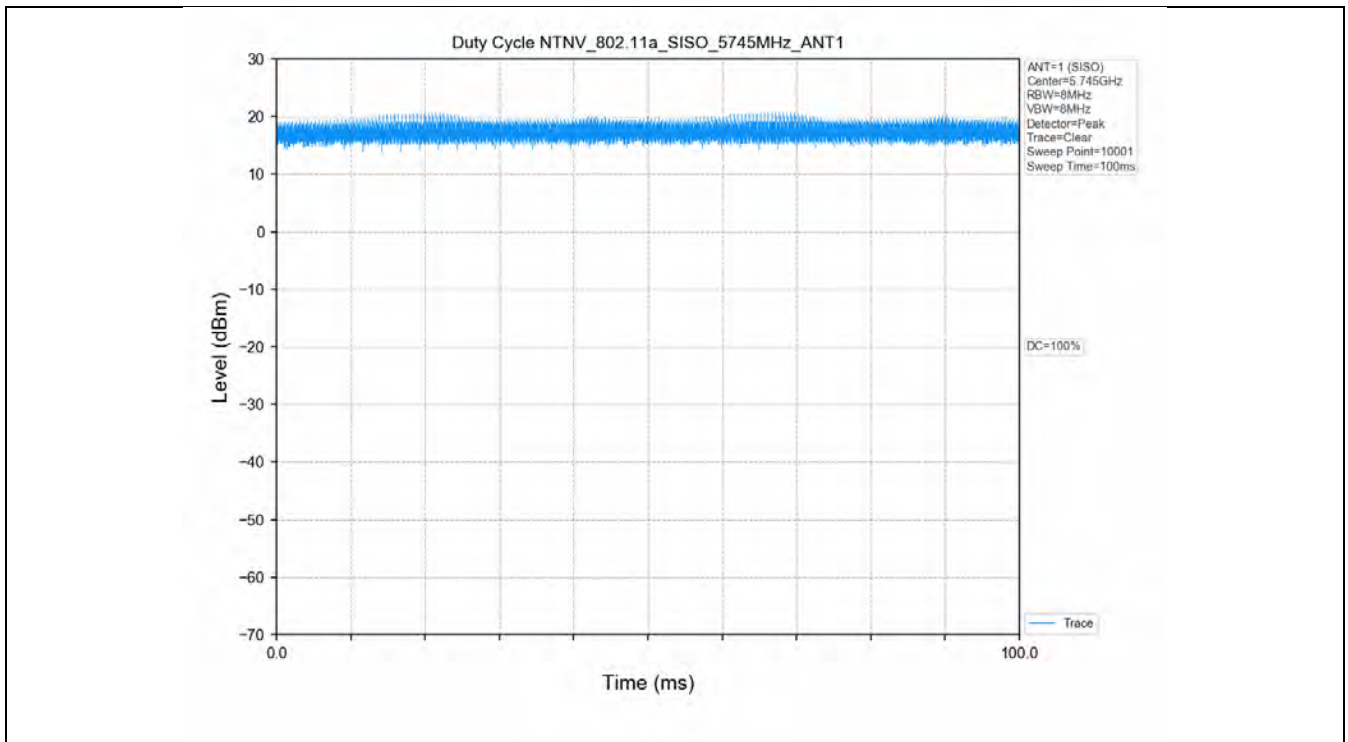
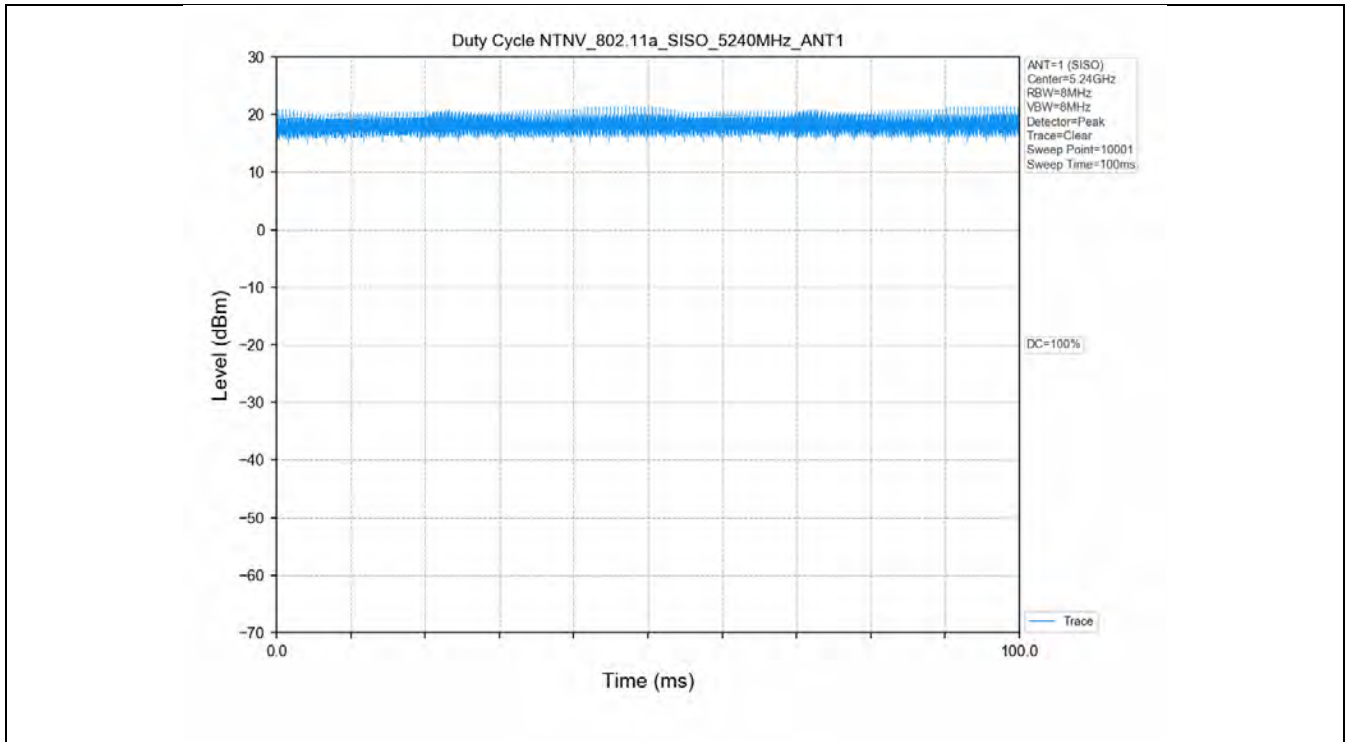
1. Duty Cycle

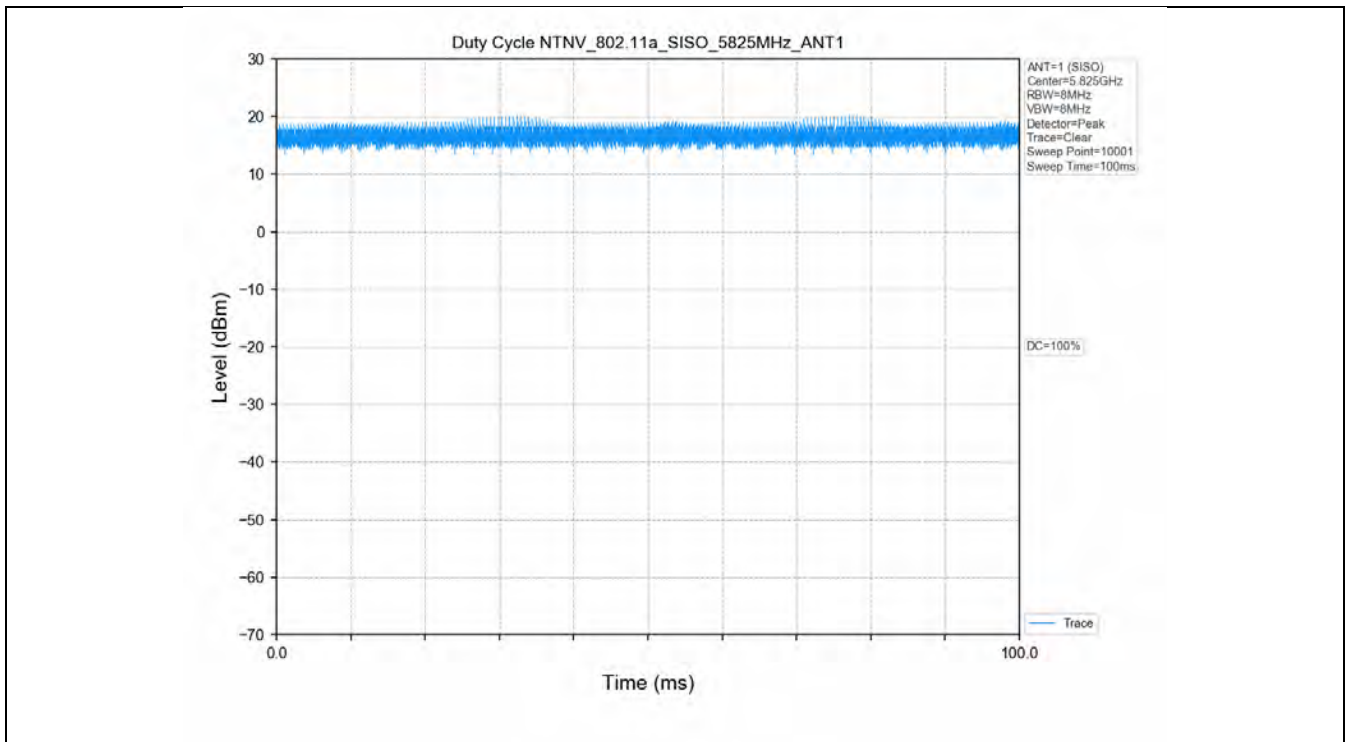
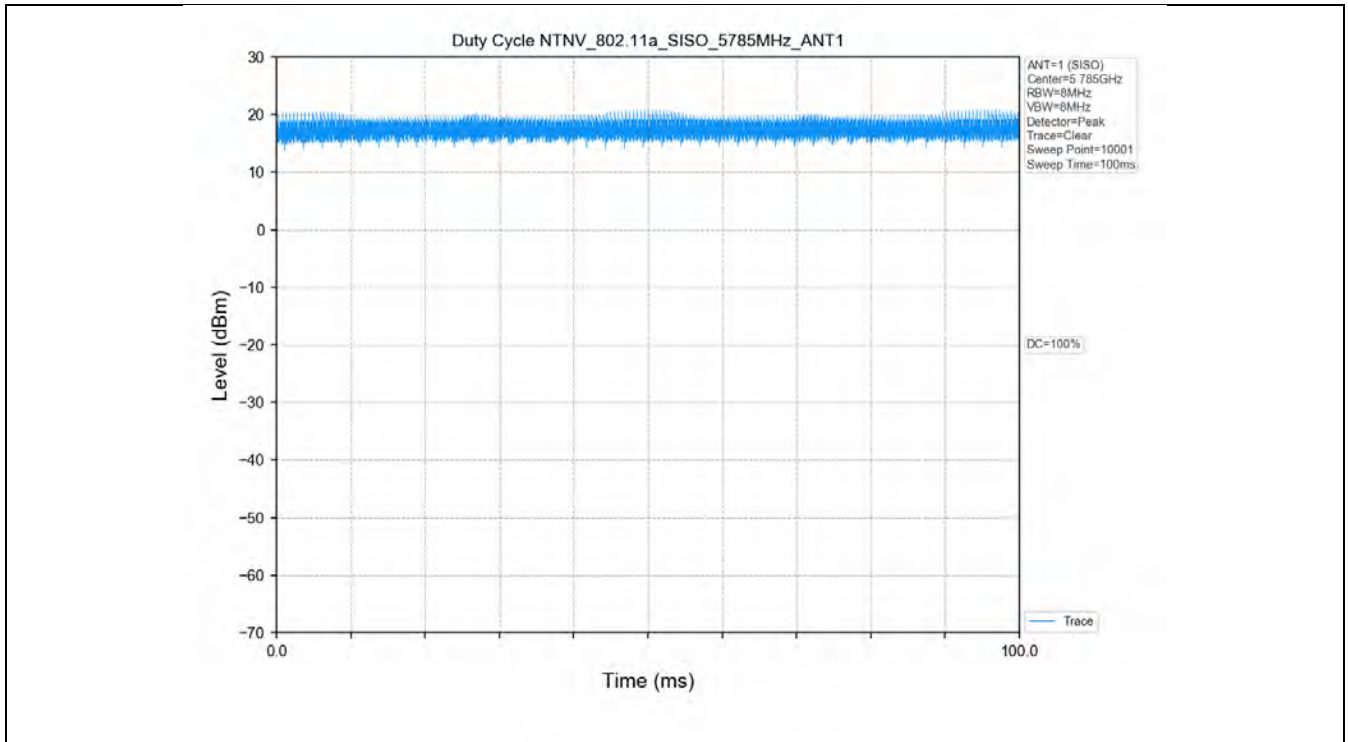
1.1 Test Result

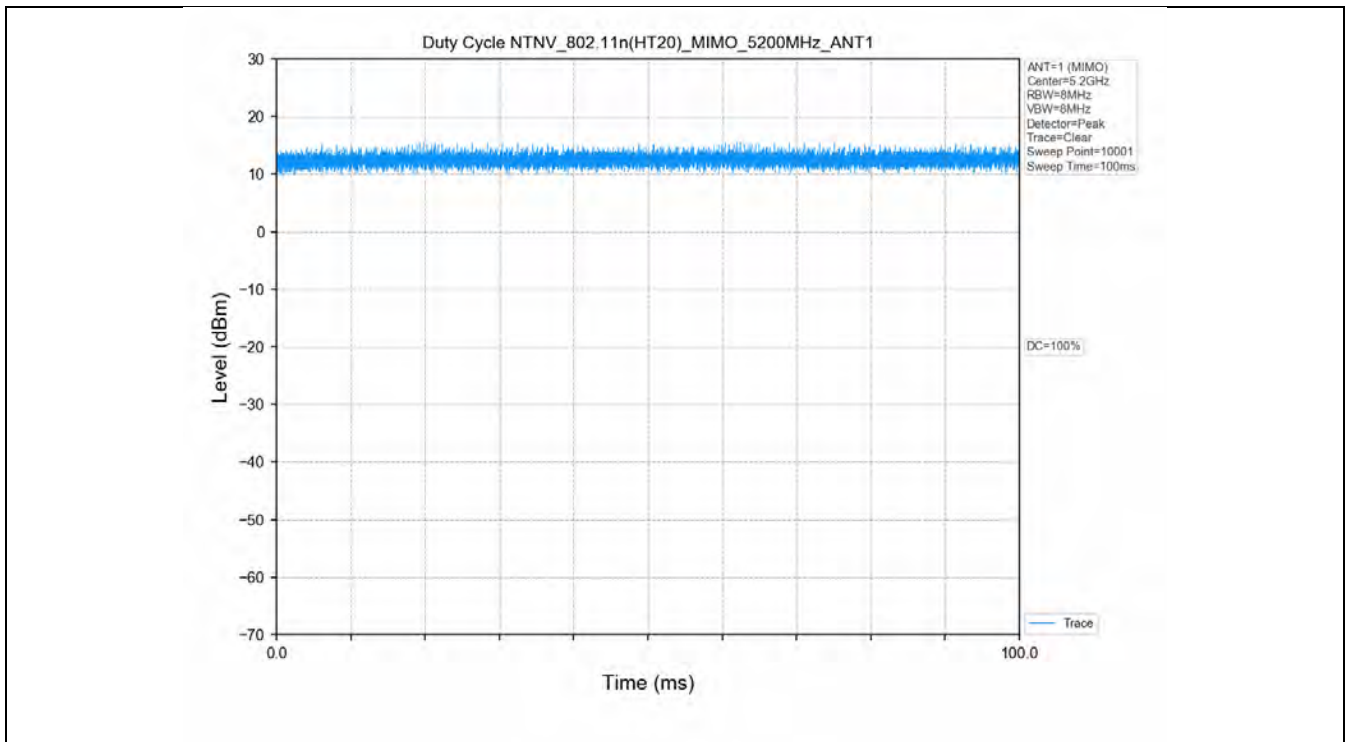
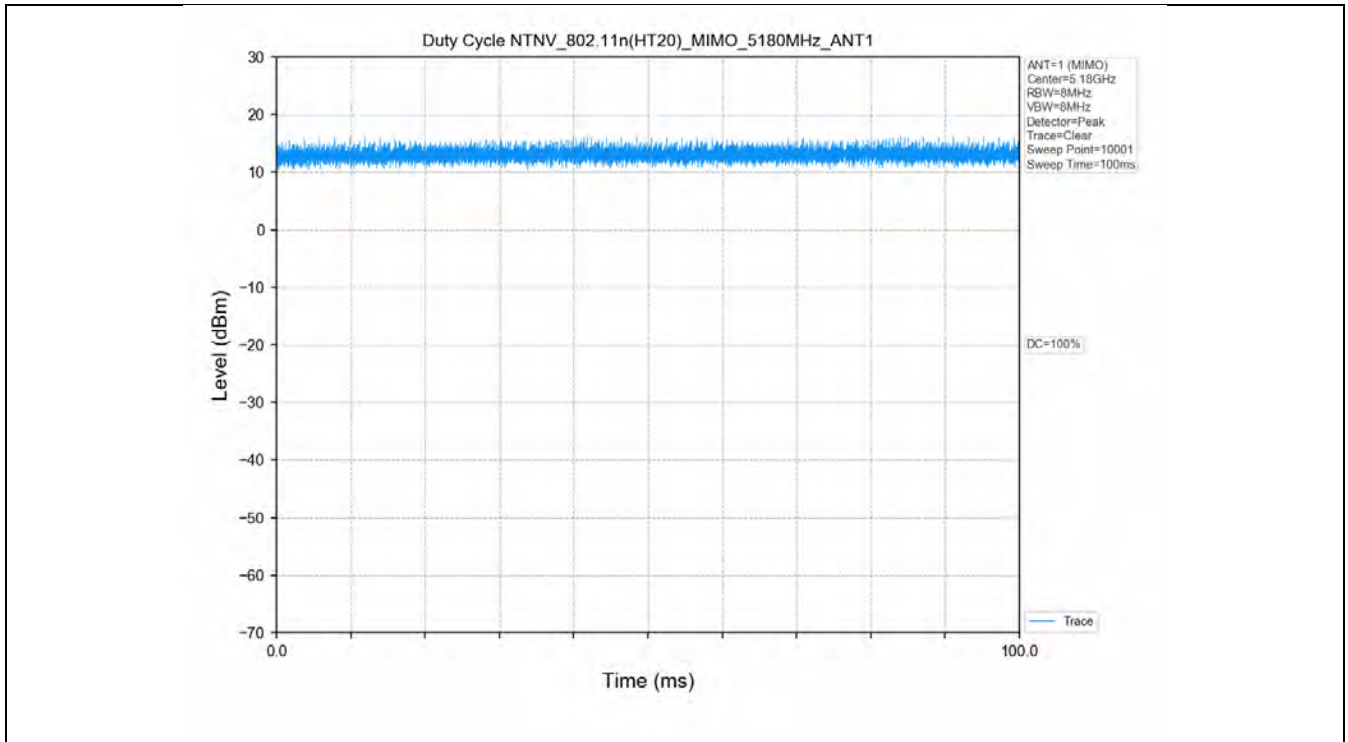
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	100.000	100.000	100.00	0.00
	5200	SISO	1	100.000	100.000	100.00	0.00
	5240	SISO	1	100.000	100.000	100.00	0.00
	5745	SISO	1	100.000	100.000	100.00	0.00
	5785	SISO	1	100.000	100.000	100.00	0.00
	5825	SISO	1	100.000	100.000	100.00	0.00
802.11n(HT20)	5180	MIMO	1	100.000	100.000	100.00	0.00
	5200	MIMO	1	100.000	100.000	100.00	0.00
	5240	MIMO	1	100.000	100.000	100.00	0.00
	5745	MIMO	1	100.000	100.000	100.00	0.00
	5785	MIMO	1	100.000	100.000	100.00	0.00
	5825	MIMO	1	100.000	100.000	100.00	0.00
802.11n(HT40)	5190	MIMO	1	100.000	100.000	100.00	0.00
	5230	MIMO	1	100.000	100.000	100.00	0.00
	5755	MIMO	1	100.000	100.000	100.00	0.00
	5795	MIMO	1	100.000	100.000	100.00	0.00
802.11ac(VHT20)	5180	MIMO	1	100.000	100.000	100.00	0.00
	5200	MIMO	1	100.000	100.000	100.00	0.00
	5240	MIMO	1	100.000	100.000	100.00	0.00
	5745	MIMO	1	100.000	100.000	100.00	0.00
	5785	MIMO	1	100.000	100.000	100.00	0.00
	5825	MIMO	1	100.000	100.000	100.00	0.00
802.11ac(VHT40)	5190	MIMO	1	100.000	100.000	100.00	0.00
	5230	MIMO	1	100.000	100.000	100.00	0.00
	5755	MIMO	1	100.000	100.000	100.00	0.00
	5795	MIMO	1	100.000	100.000	100.00	0.00
802.11ac(VHT80)	5210	MIMO	1	100.000	100.000	100.00	0.00
	5775	MIMO	1	100.000	100.000	100.00	0.00

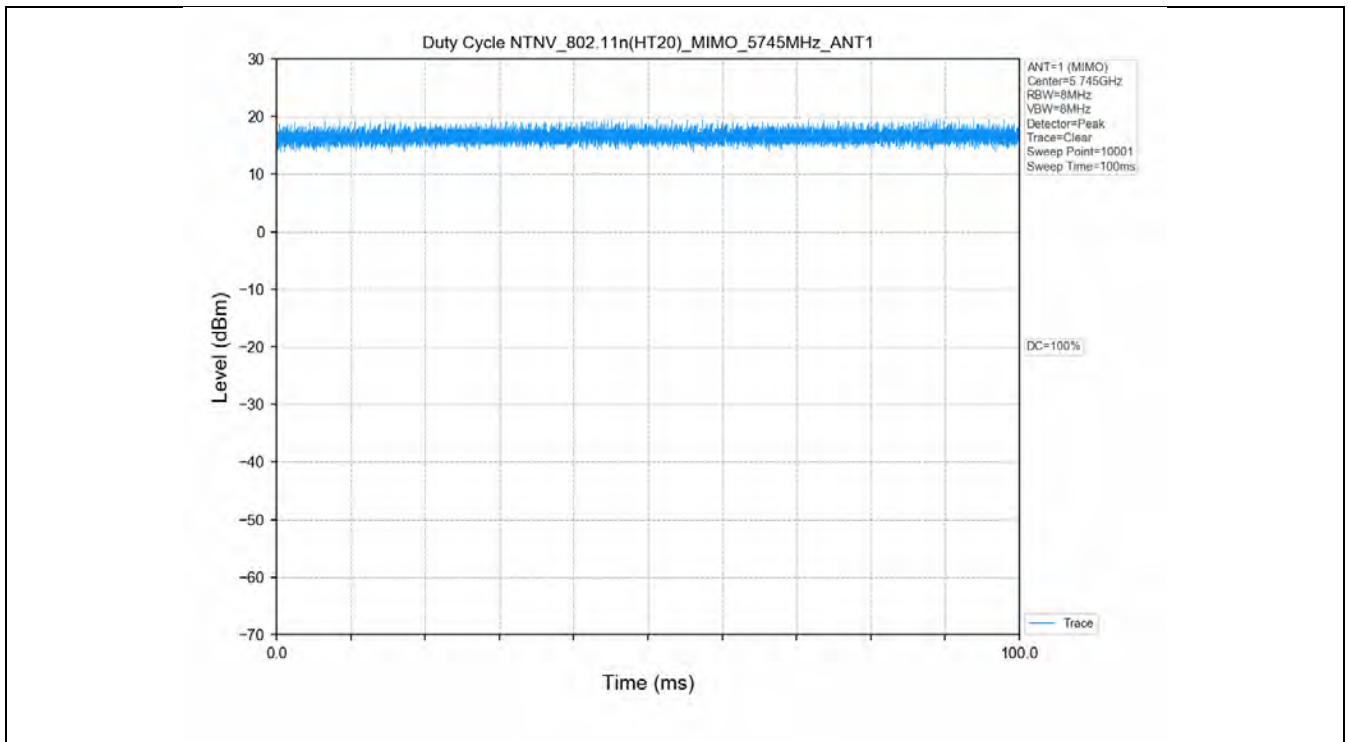
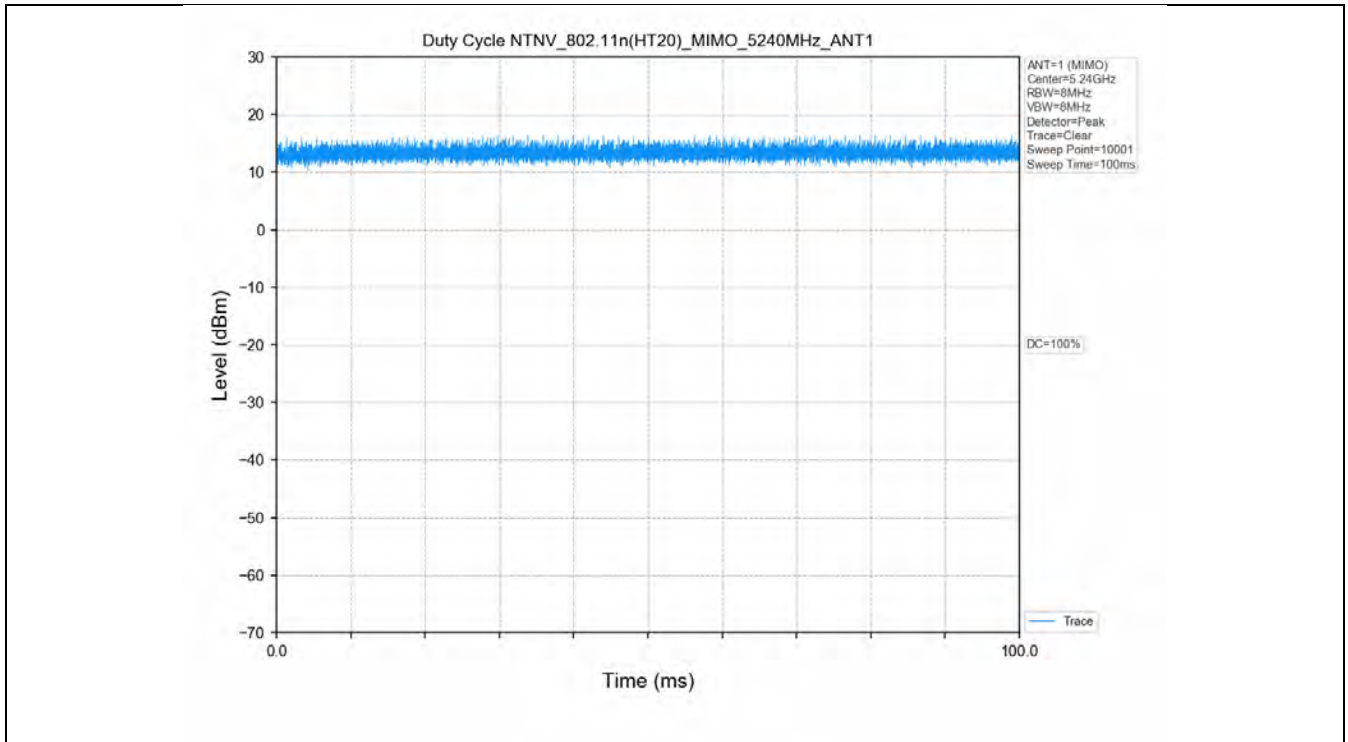
1.2 Test Graph

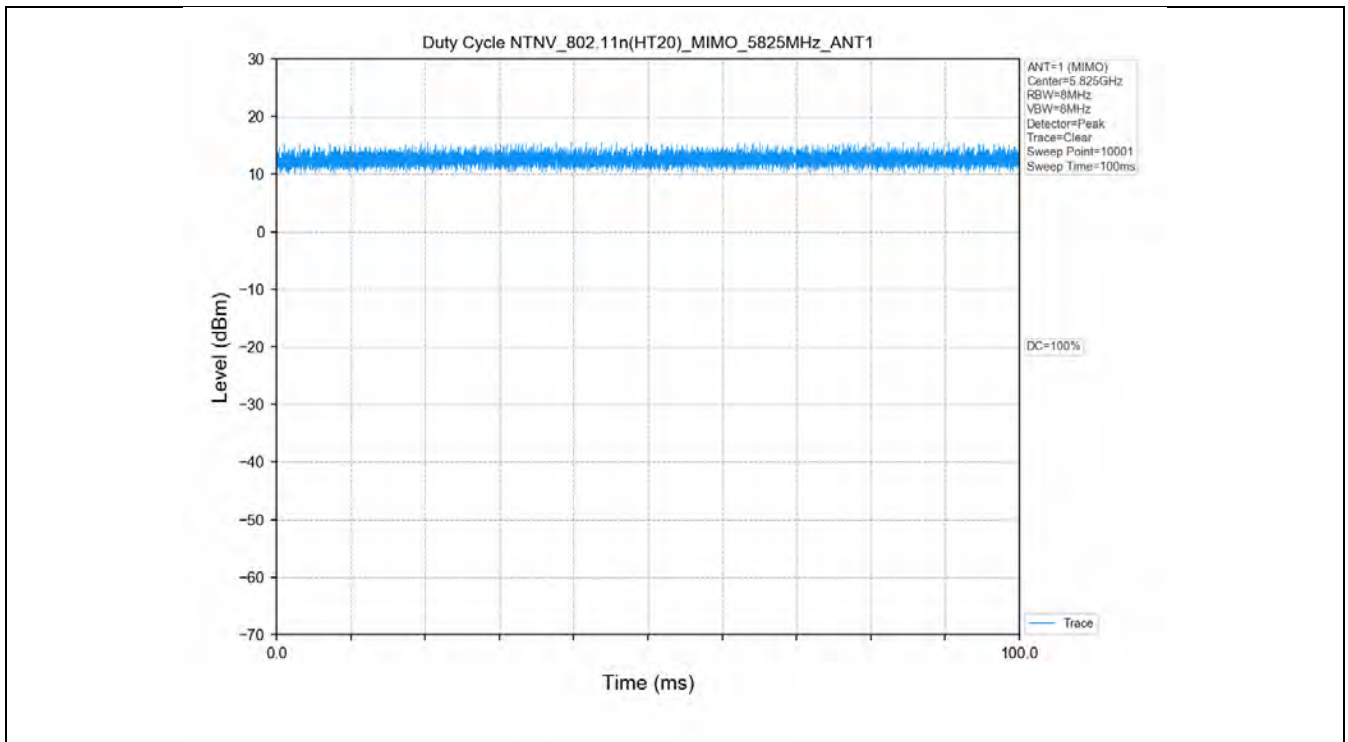
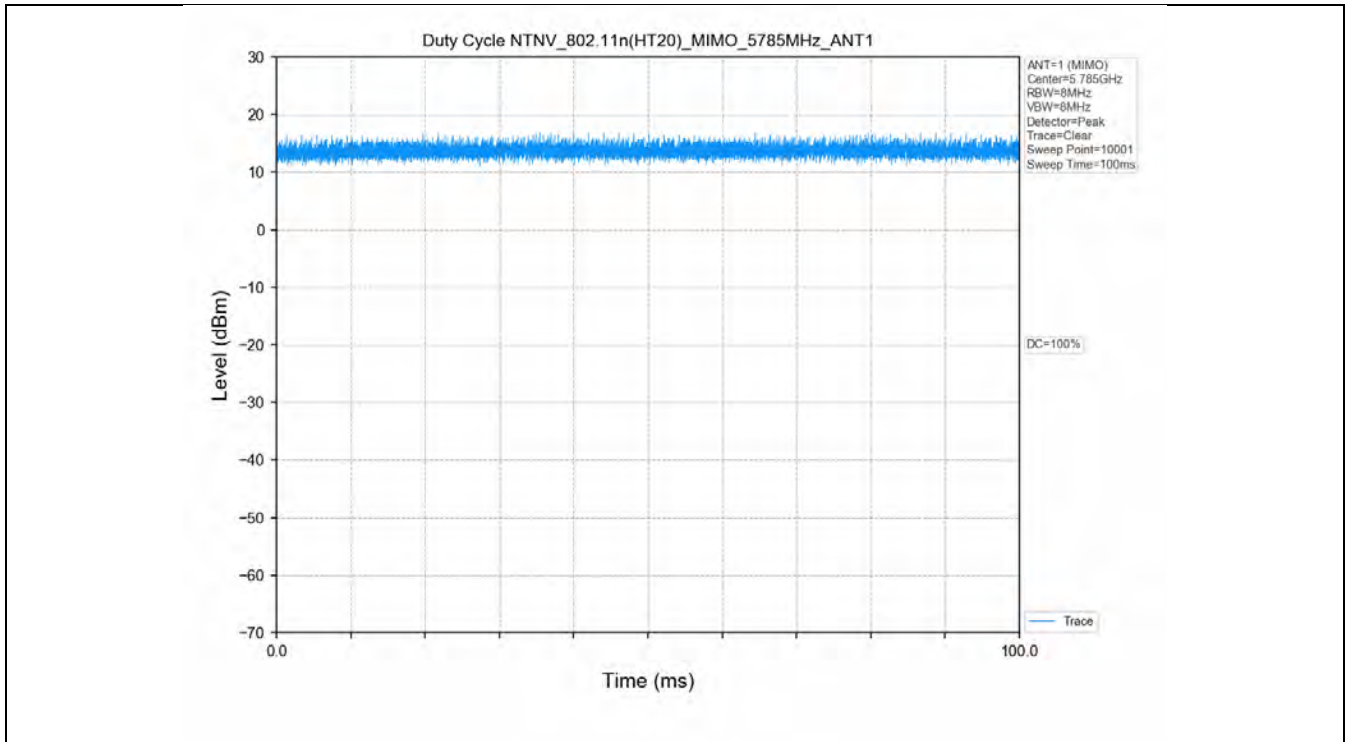


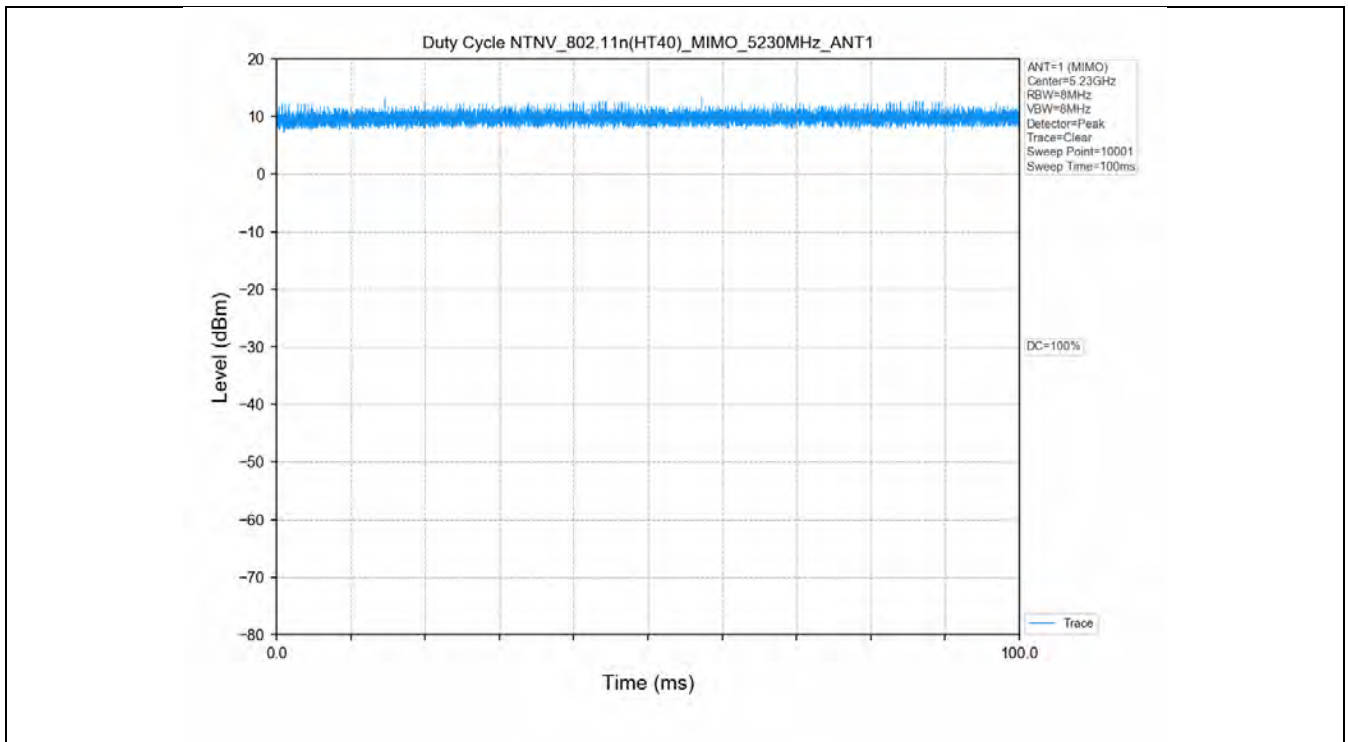
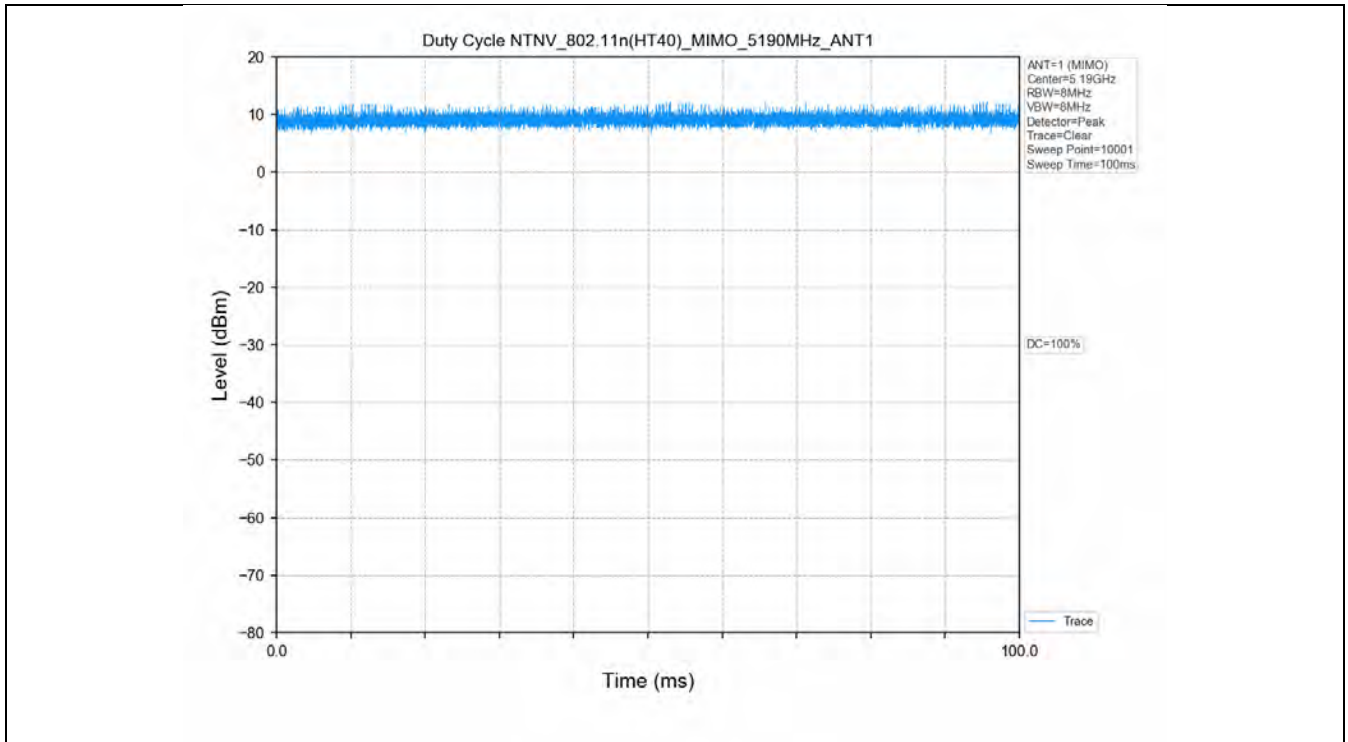


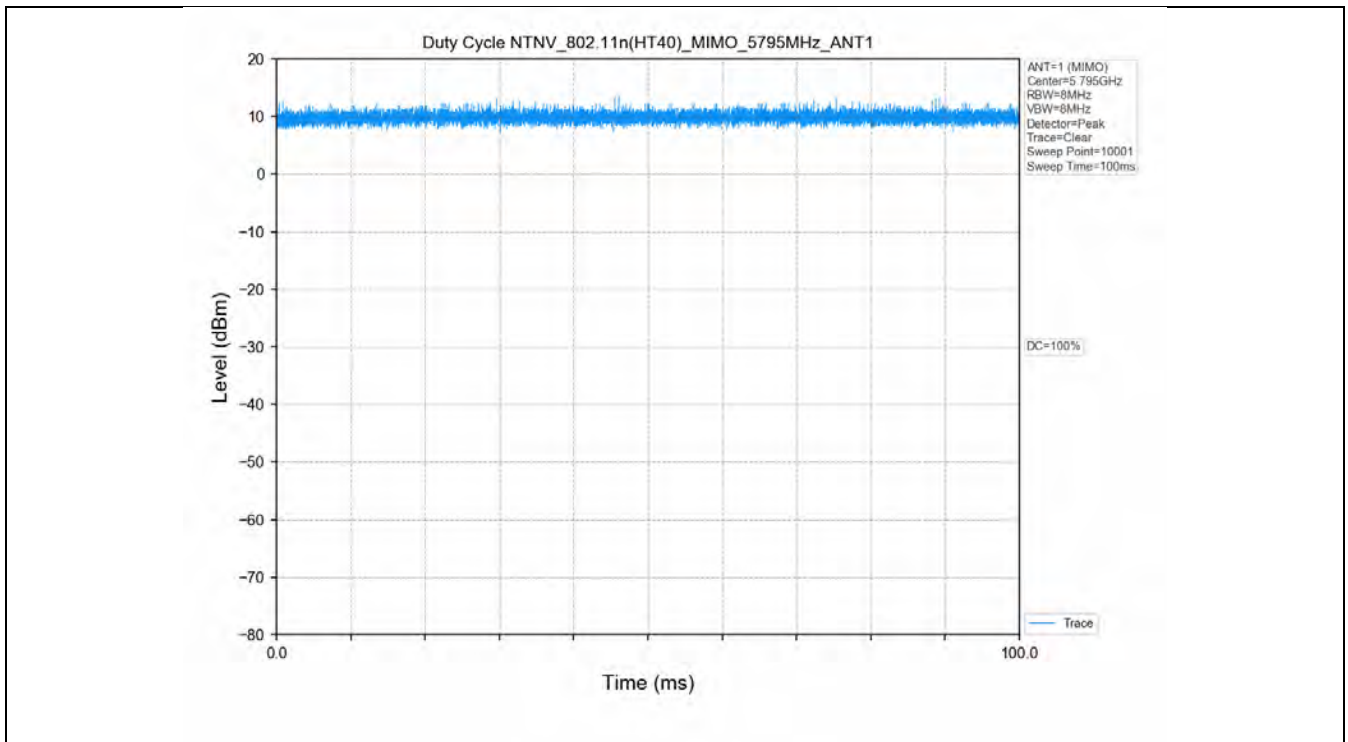
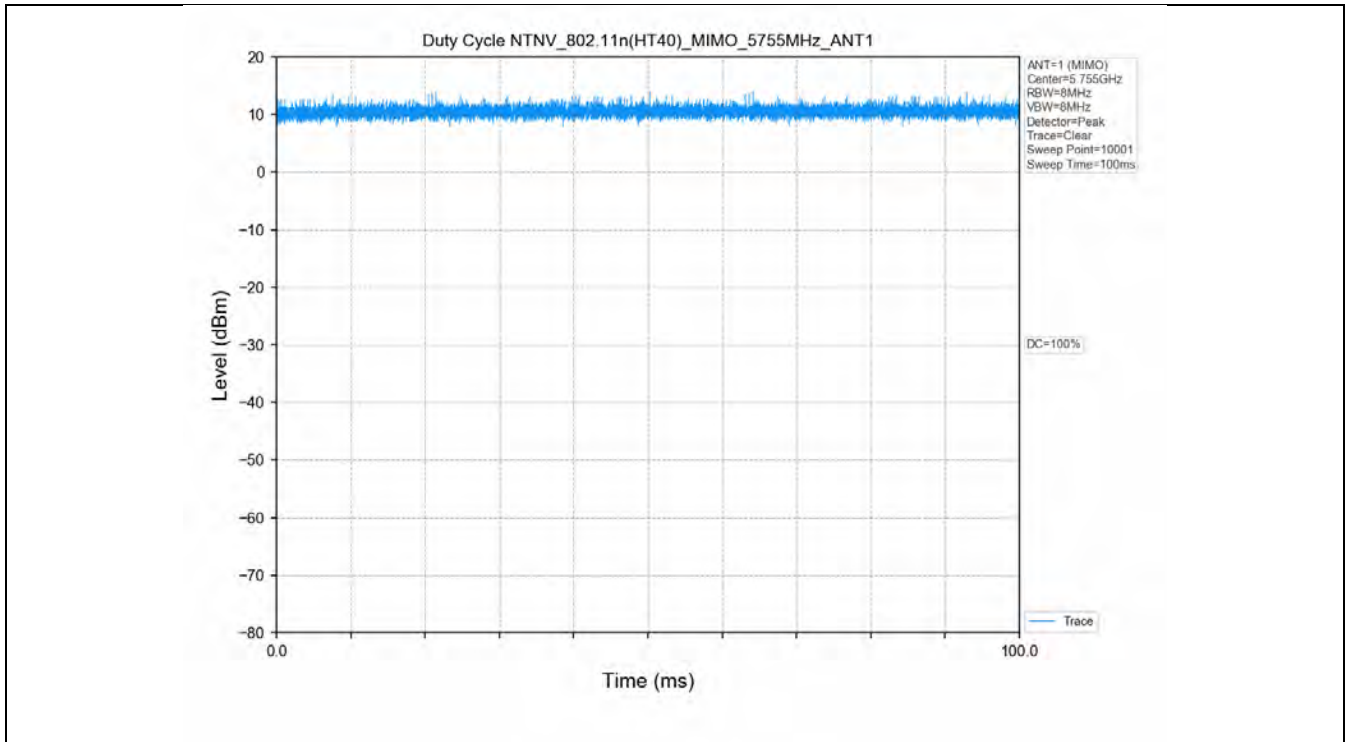


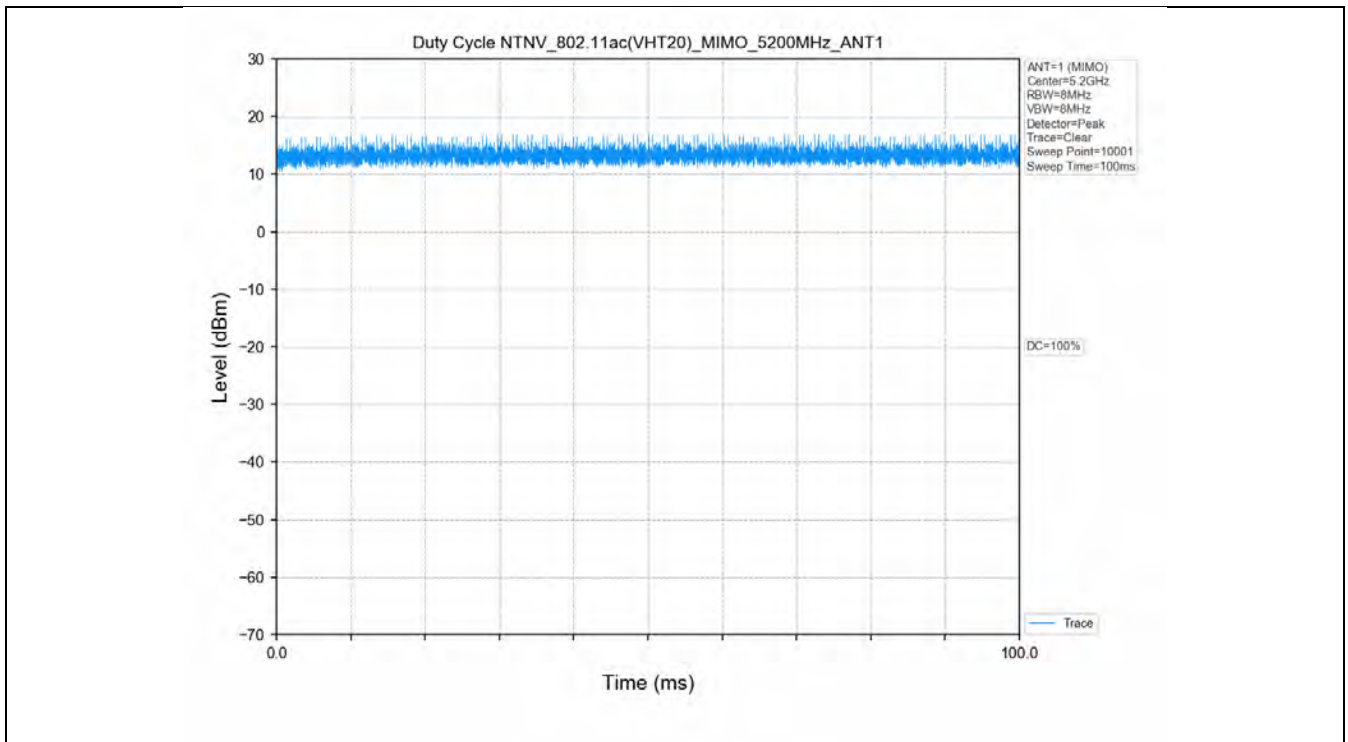
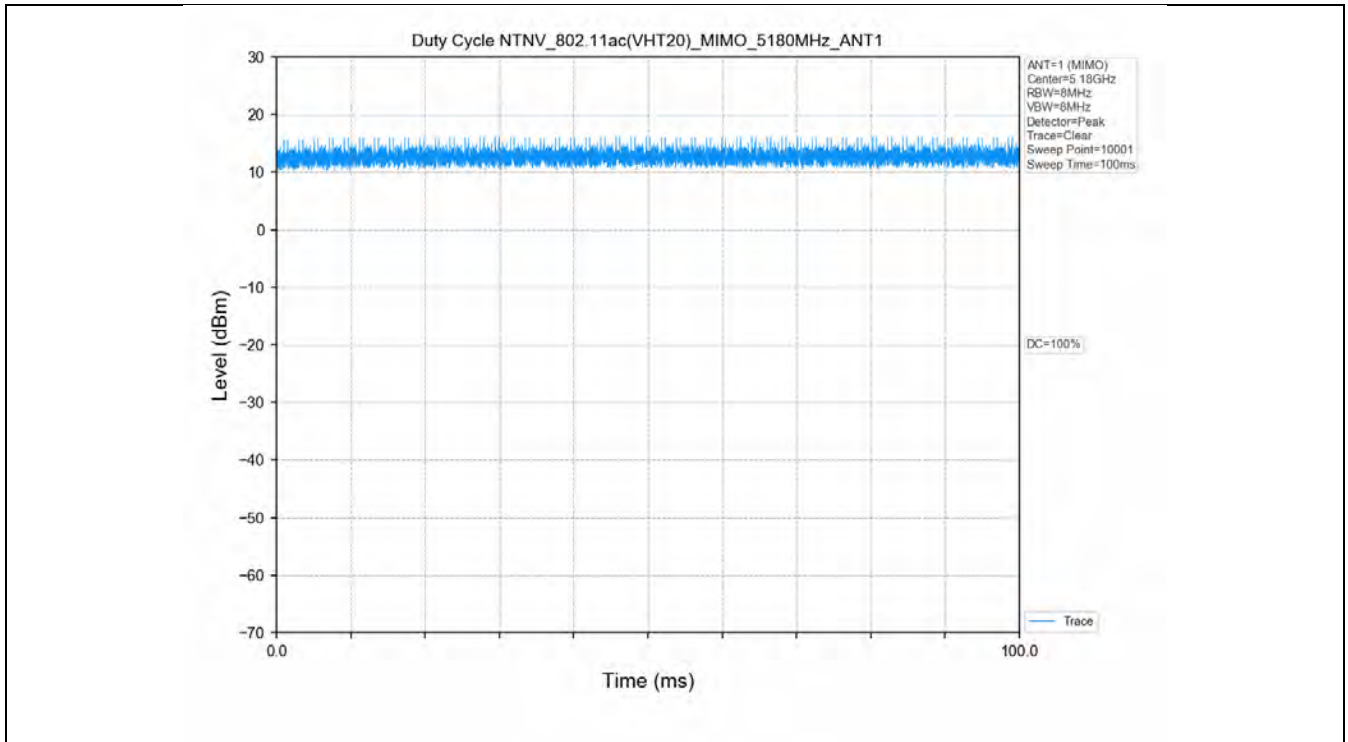


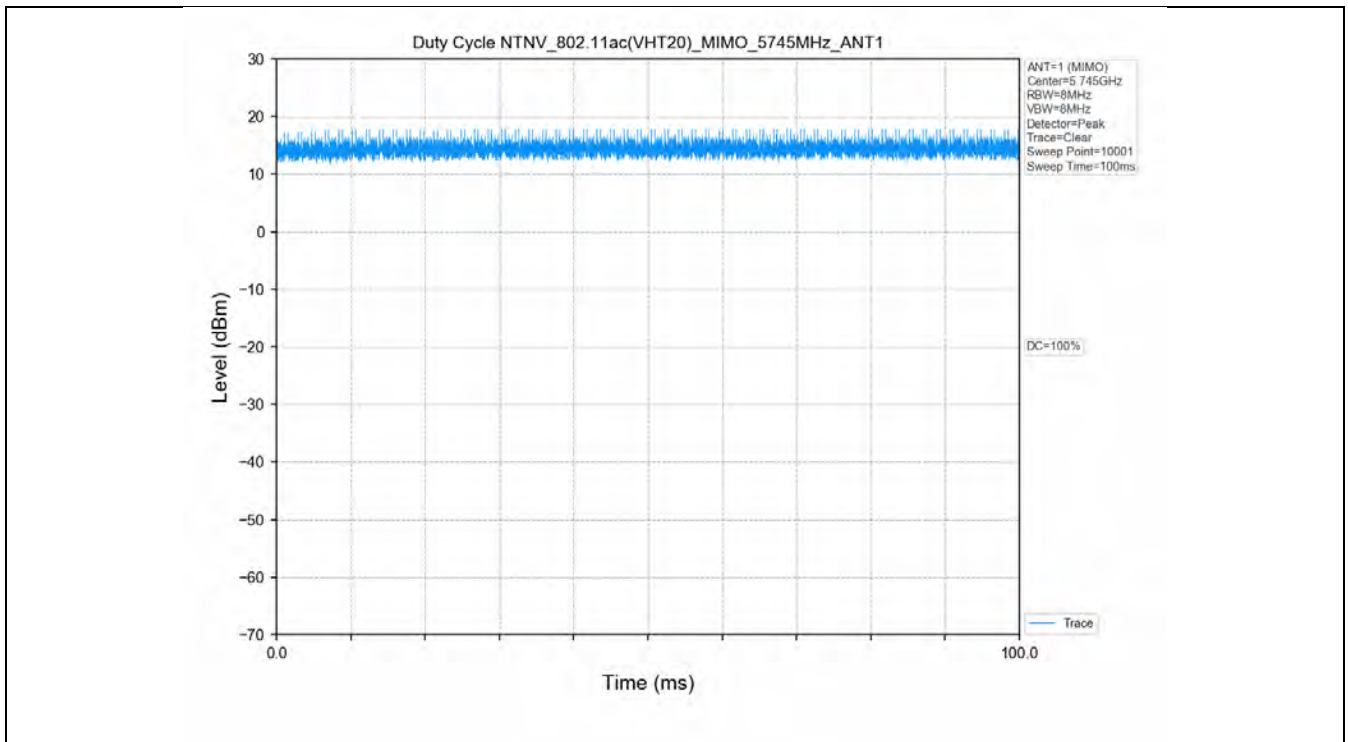
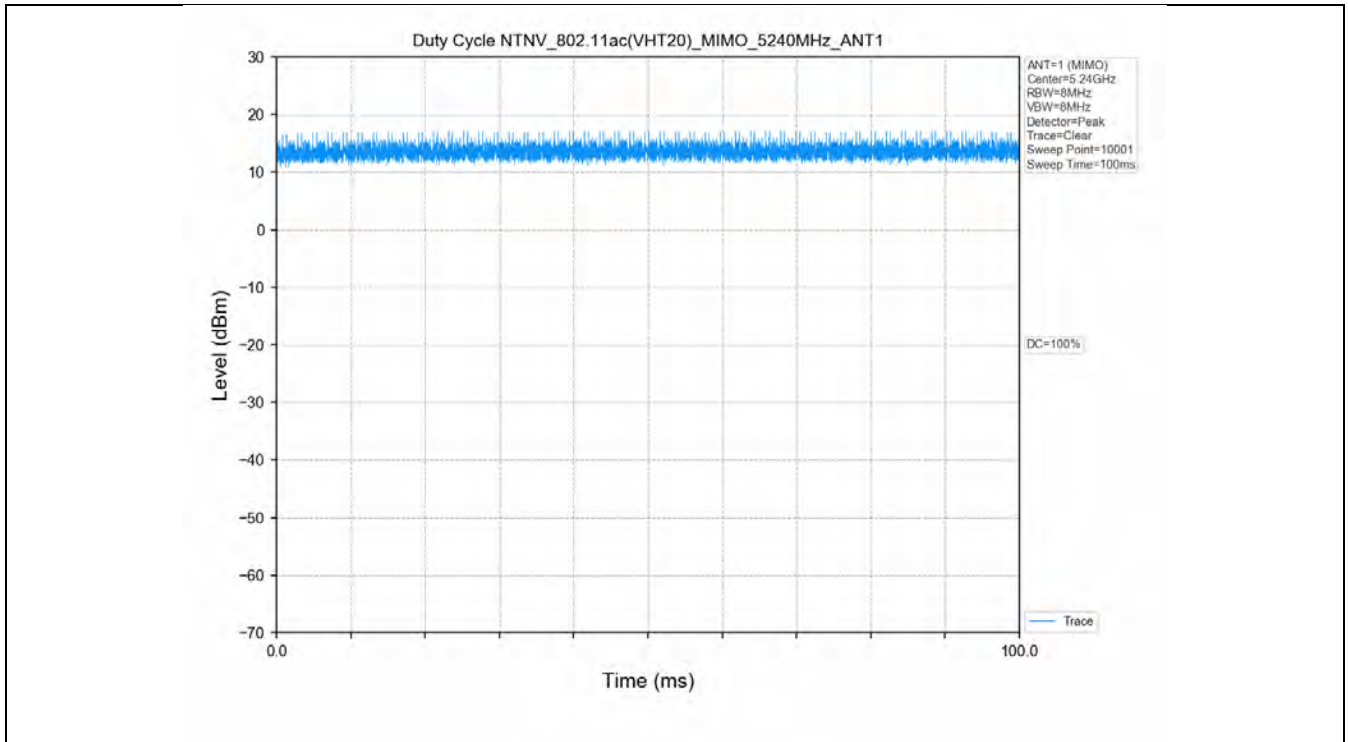


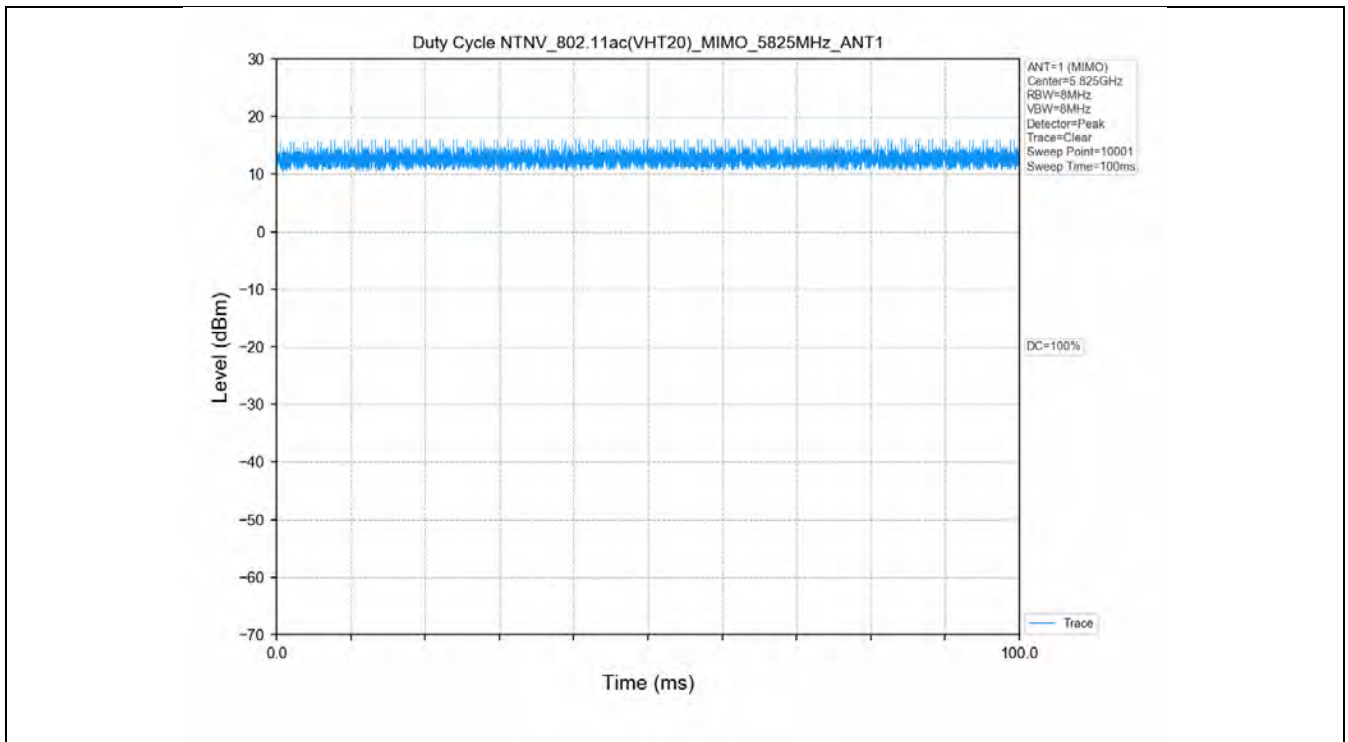
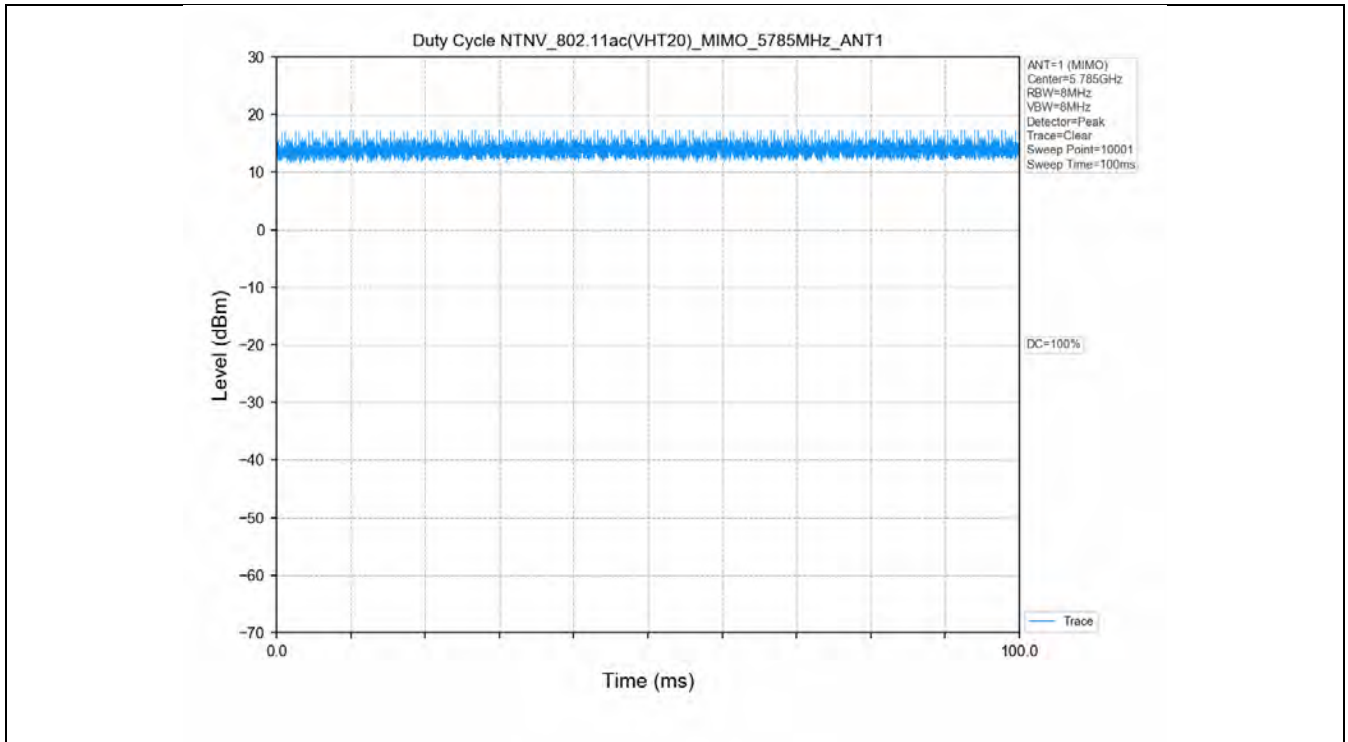


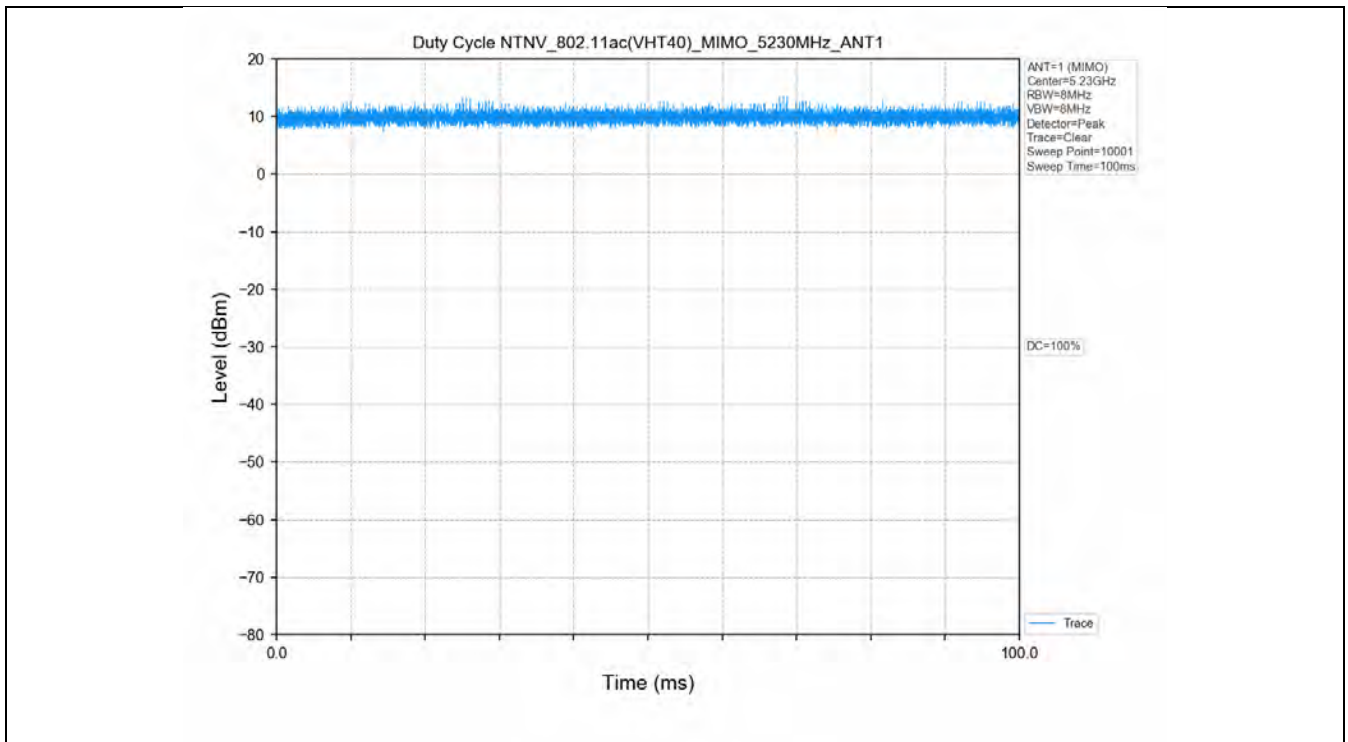
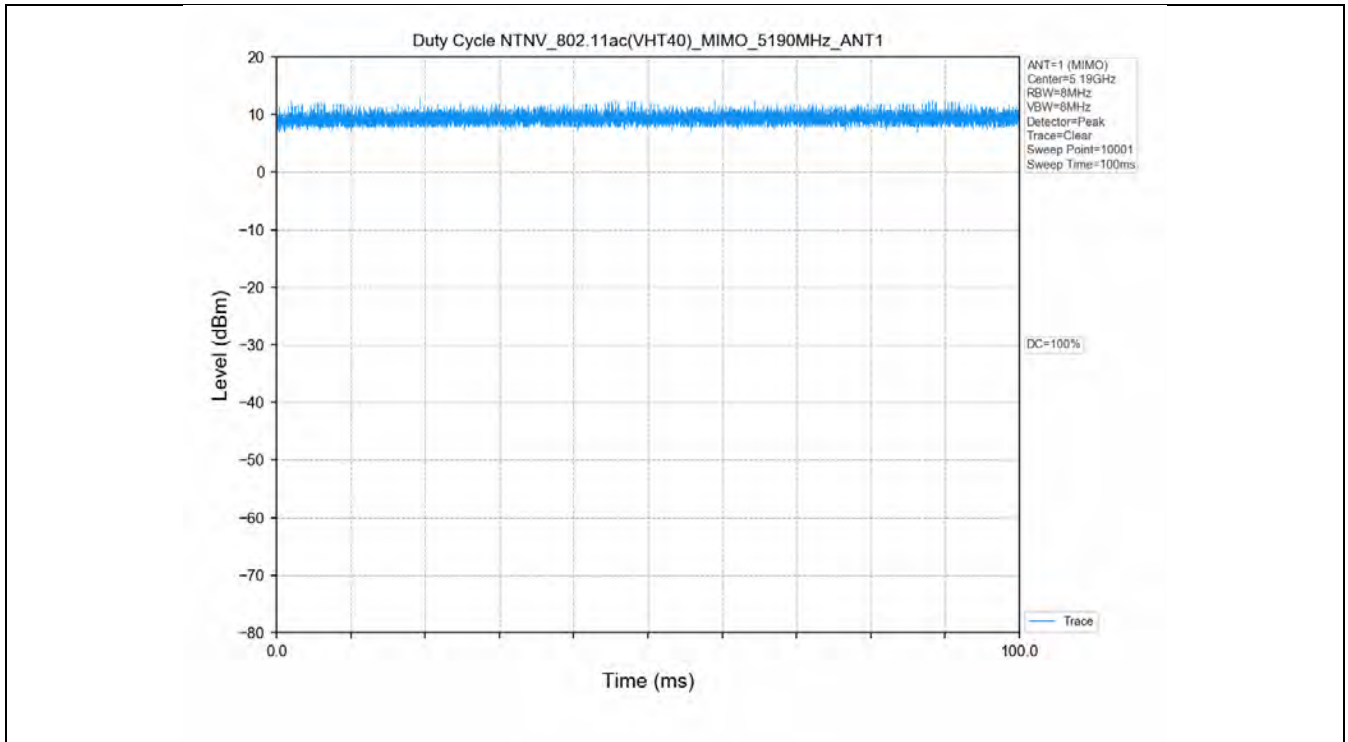


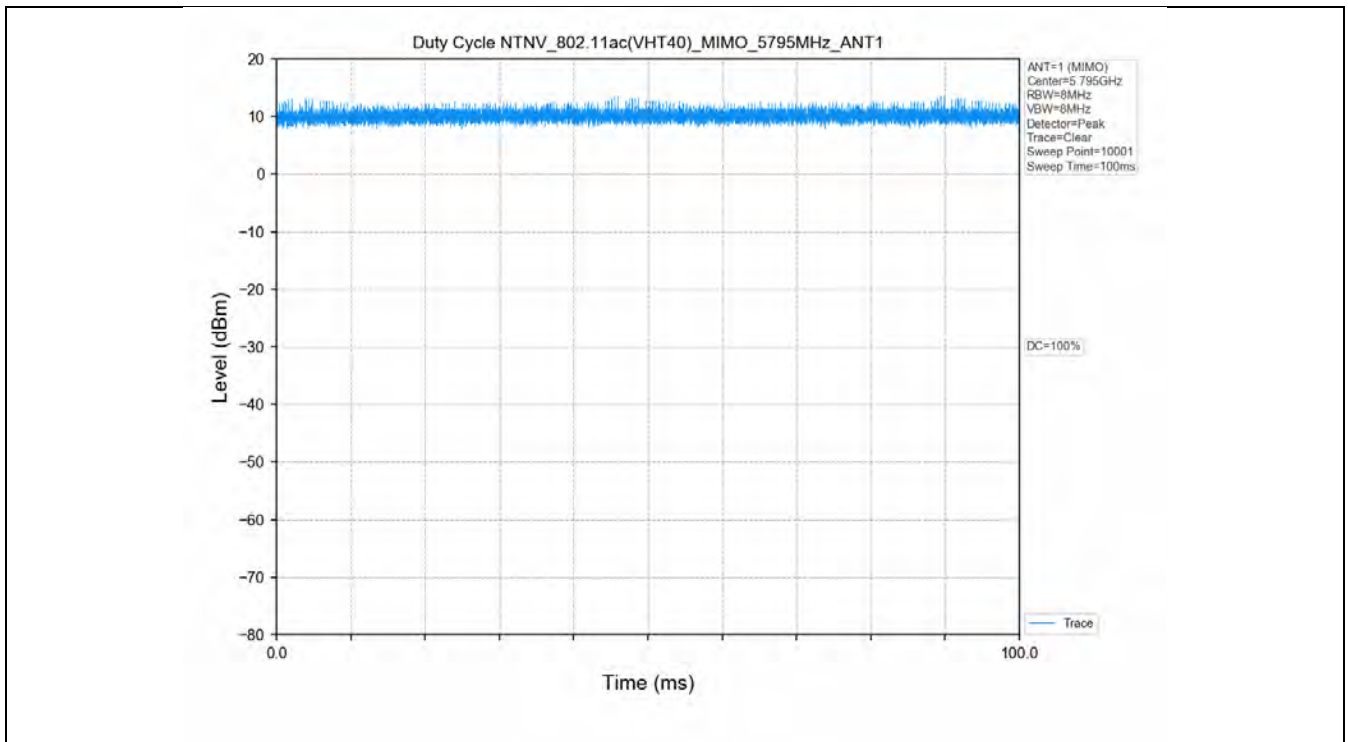
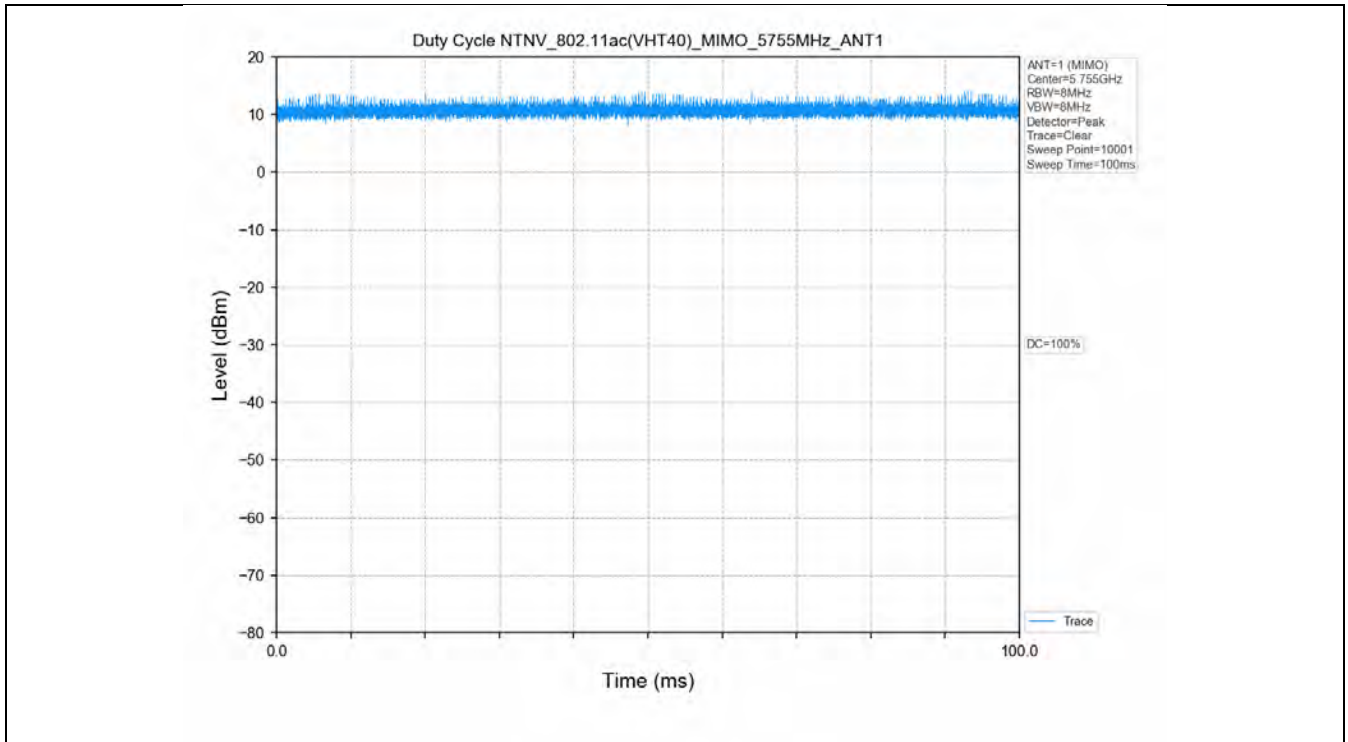


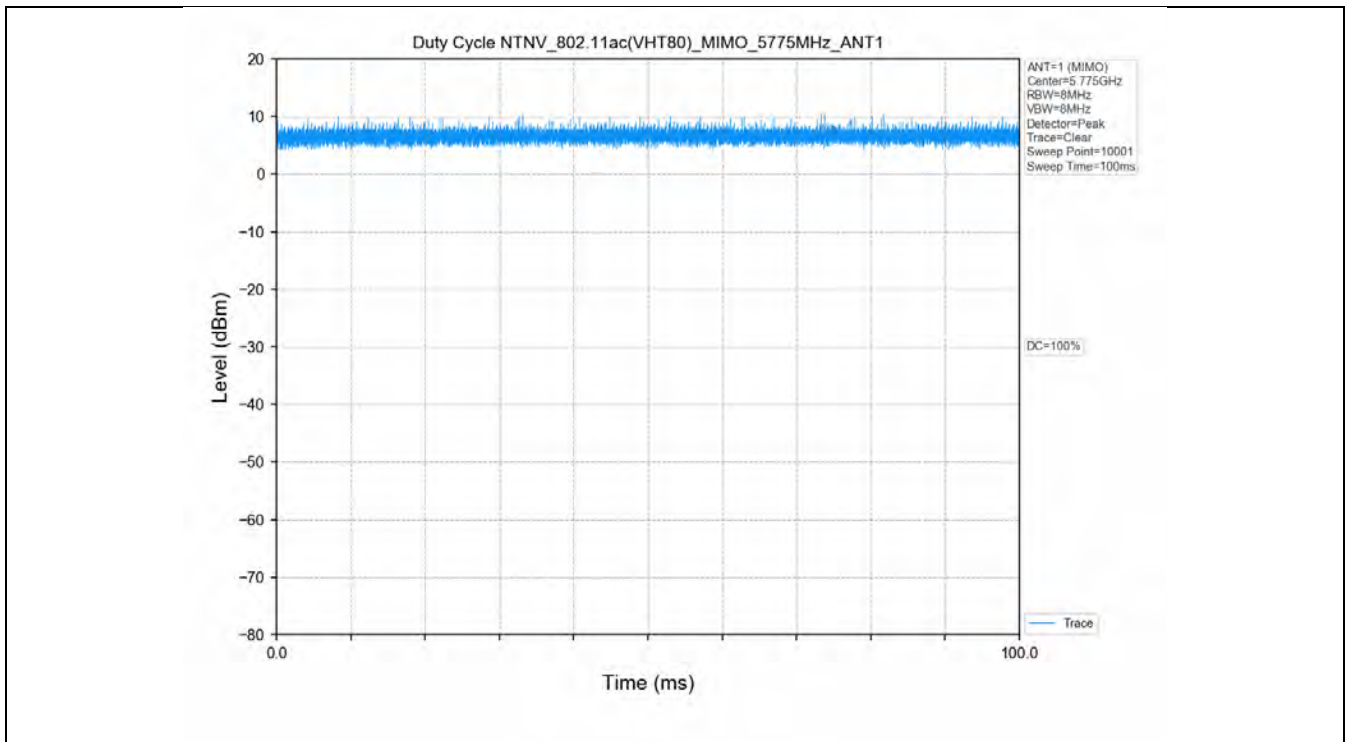
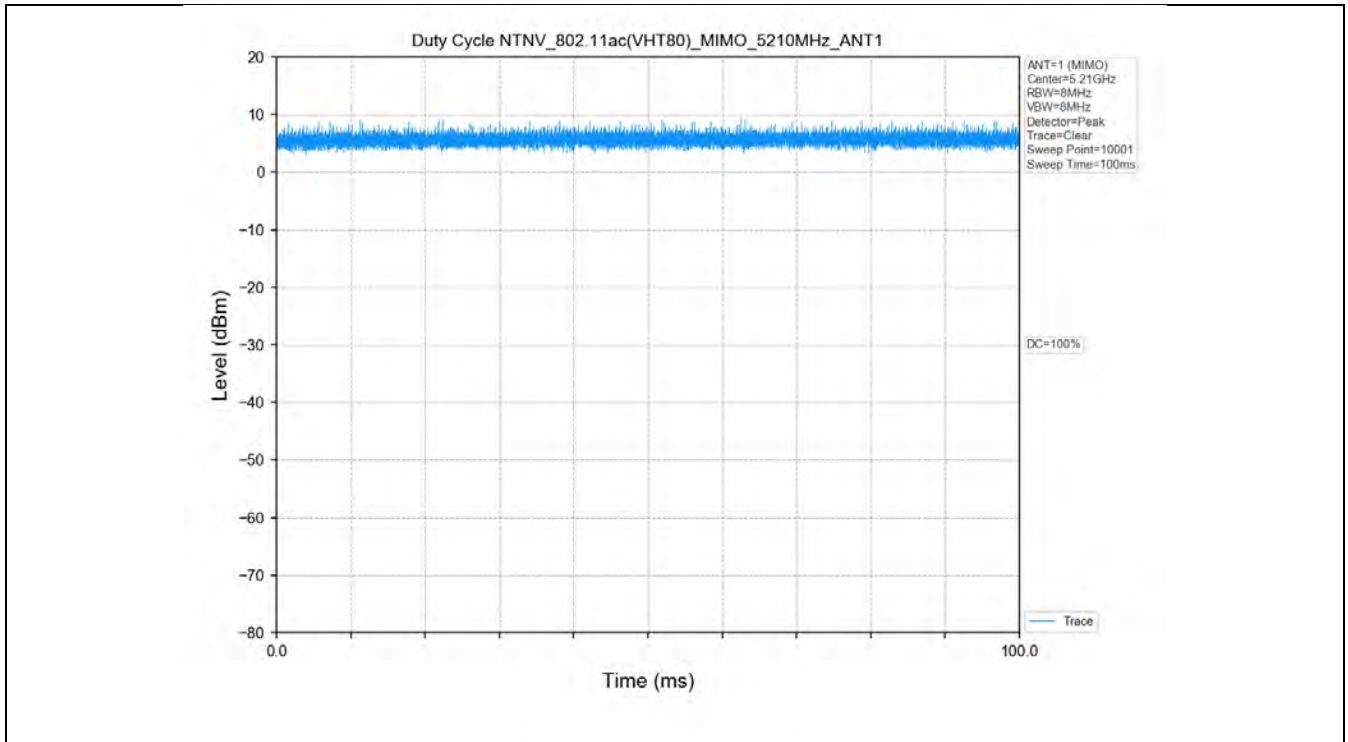














2. Bandwidth

2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	18.477	Only for Report Use	PASS
			2	18.553	Only for Report Use	PASS
	5200	SISO	1	18.453	Only for Report Use	PASS
			2	21.743	Only for Report Use	PASS
	5240	SISO	1	18.407	Only for Report Use	PASS
			2	19.938	Only for Report Use	PASS
802.11n(HT20)	5180	MIMO	1	19.447	Only for Report Use	PASS
			2	19.386	Only for Report Use	PASS
	5200	MIMO	1	19.466	Only for Report Use	PASS
			2	19.357	Only for Report Use	PASS
	5240	MIMO	1	19.400	Only for Report Use	PASS
			2	19.460	Only for Report Use	PASS
802.11n(HT40)	5190	MIMO	1	41.328	Only for Report Use	PASS
			2	40.952	Only for Report Use	PASS
	5230	MIMO	1	41.188	Only for Report Use	PASS
			2	40.988	Only for Report Use	PASS
802.11ac(VHT20)	5180	MIMO	1	19.371	Only for Report Use	PASS
			2	19.384	Only for Report Use	PASS
	5200	MIMO	1	19.539	Only for Report Use	PASS
			2	19.320	Only for Report Use	PASS
	5240	MIMO	1	19.384	Only for Report Use	PASS
			2	19.390	Only for Report Use	PASS
802.11ac(VHT40)	5190	MIMO	1	41.021	Only for Report Use	PASS
			2	41.007	Only for Report Use	PASS
	5230	MIMO	1	41.181	Only for Report Use	PASS
			2	41.184	Only for Report Use	PASS
802.11ac(VHT80)	5210	MIMO	1	81.330	Only for Report Use	PASS
			2	81.252	Only for Report Use	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	17.724	≥0.5	PASS
			2	17.730	≥0.5	PASS
	5785	SISO	1	17.743	≥0.5	PASS
			2	17.717	≥0.5	PASS
	5825	SISO	1	17.723	≥0.5	PASS
			2	17.750	≥0.5	PASS
802.11n(HT20)	5745	MIMO	1	17.712	≥0.5	PASS
			2	17.713	≥0.5	PASS
	5785	MIMO	1	17.728	≥0.5	PASS
			2	17.744	≥0.5	PASS
	5825	MIMO	1	17.727	≥0.5	PASS
			2	17.750	≥0.5	PASS
802.11n(HT40)	5755	MIMO	1	36.457	≥0.5	PASS
			2	36.518	≥0.5	PASS
	5795	MIMO	1	36.548	≥0.5	PASS
			2	36.549	≥0.5	PASS
802.11ac(VHT20)	5745	MIMO	1	17.796	≥0.5	PASS



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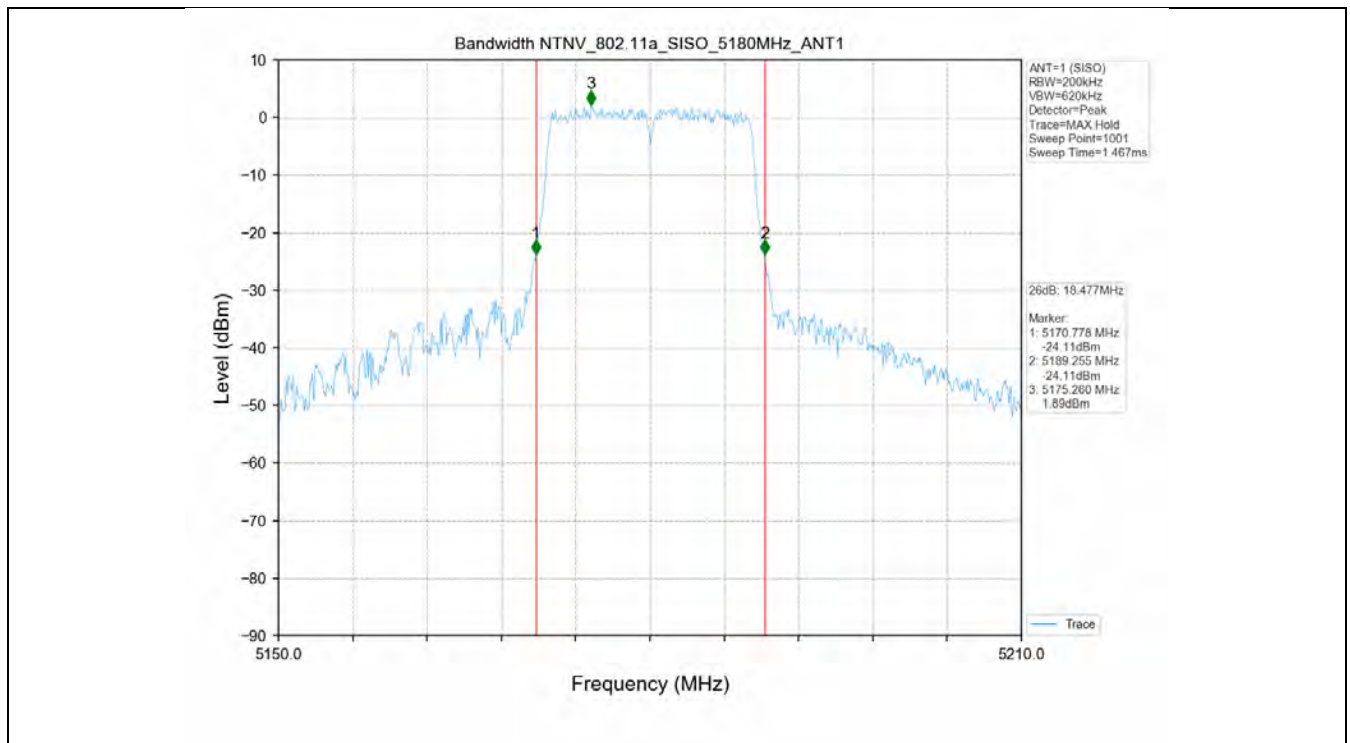
	5785	MIMO	2	17.689	≥0.5	PASS
			1	17.733	≥0.5	PASS
	5825	MIMO	2	17.710	≥0.5	PASS
			1	17.704	≥0.5	PASS
802.11ac(VHT40)	5755	MIMO	2	17.686	≥0.5	PASS
			1	36.540	≥0.5	PASS
	5795	MIMO	2	36.516	≥0.5	PASS
			1	36.528	≥0.5	PASS
802.11ac(VHT80)	5775	MIMO	2	36.566	≥0.5	PASS
			1	75.795	≥0.5	PASS
			2	76.600	≥0.5	PASS

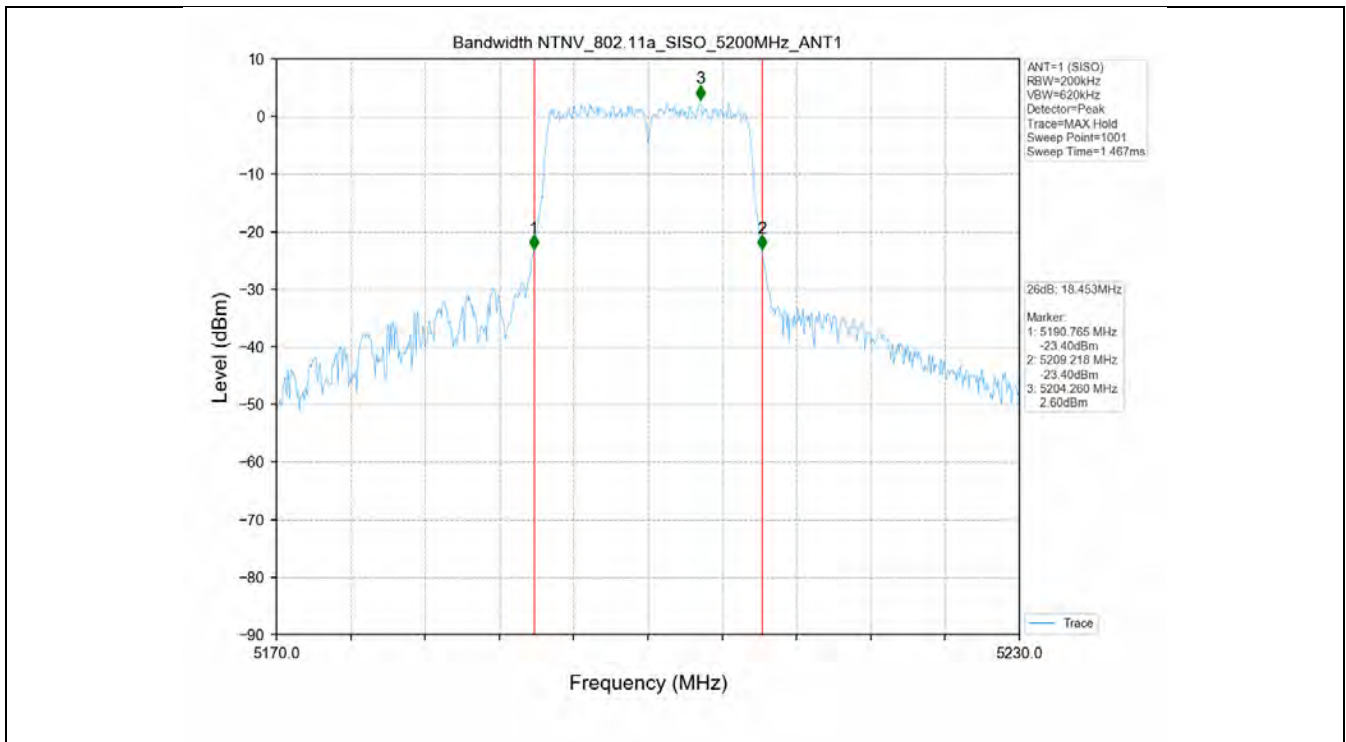
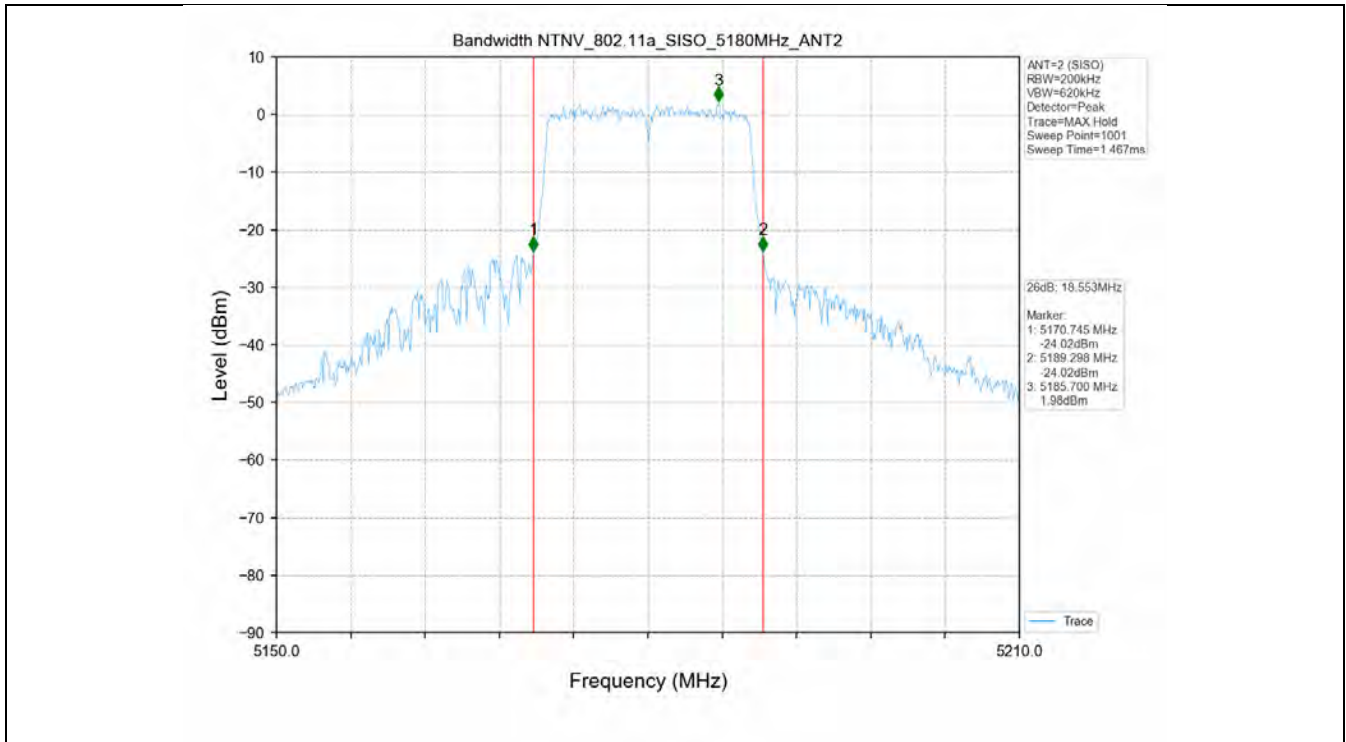
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	16.444	Only for Report Use
			2	16.448	Only for Report Use
	5200	SISO	1	16.455	Only for Report Use
			2	16.466	Only for Report Use
	5240	SISO	1	16.488	Only for Report Use
			2	16.481	Only for Report Use
	5745	SISO	1	27.561	Only for Report Use
			2	17.673	Only for Report Use
	5785	SISO	1	25.169	Only for Report Use
			2	17.708	Only for Report Use
	5825	SISO	1	21.002	Only for Report Use
			2	17.687	Only for Report Use
802.11n(HT20)	5180	MIMO	1	17.603	Only for Report Use
			2	17.601	Only for Report Use
	5200	MIMO	1	17.616	Only for Report Use
			2	17.601	Only for Report Use
	5240	MIMO	1	17.605	Only for Report Use
			2	17.616	Only for Report Use
	5745	MIMO	1	26.979	Only for Report Use
			2	17.732	Only for Report Use
	5785	MIMO	1	24.332	Only for Report Use
			2	17.689	Only for Report Use
	5825	MIMO	1	20.113	Only for Report Use
			2	17.701	Only for Report Use
802.11n(HT40)	5190	MIMO	1	36.390	Only for Report Use
			2	36.328	Only for Report Use
	5230	MIMO	1	36.405	Only for Report Use
			2	36.306	Only for Report Use
	5755	MIMO	1	61.415	Only for Report Use
			2	36.634	Only for Report Use
	5795	MIMO	1	47.832	Only for Report Use
			2	36.602	Only for Report Use
802.11ac(VHT20)	5180	MIMO	1	17.602	Only for Report Use
			2	17.601	Only for Report Use
	5200	MIMO	1	17.597	Only for Report Use
			2	17.606	Only for Report Use
	5240	MIMO	1	17.620	Only for Report Use
			2	17.613	Only for Report Use
	5745	MIMO	1	26.826	Only for Report Use
			2	17.706	Only for Report Use

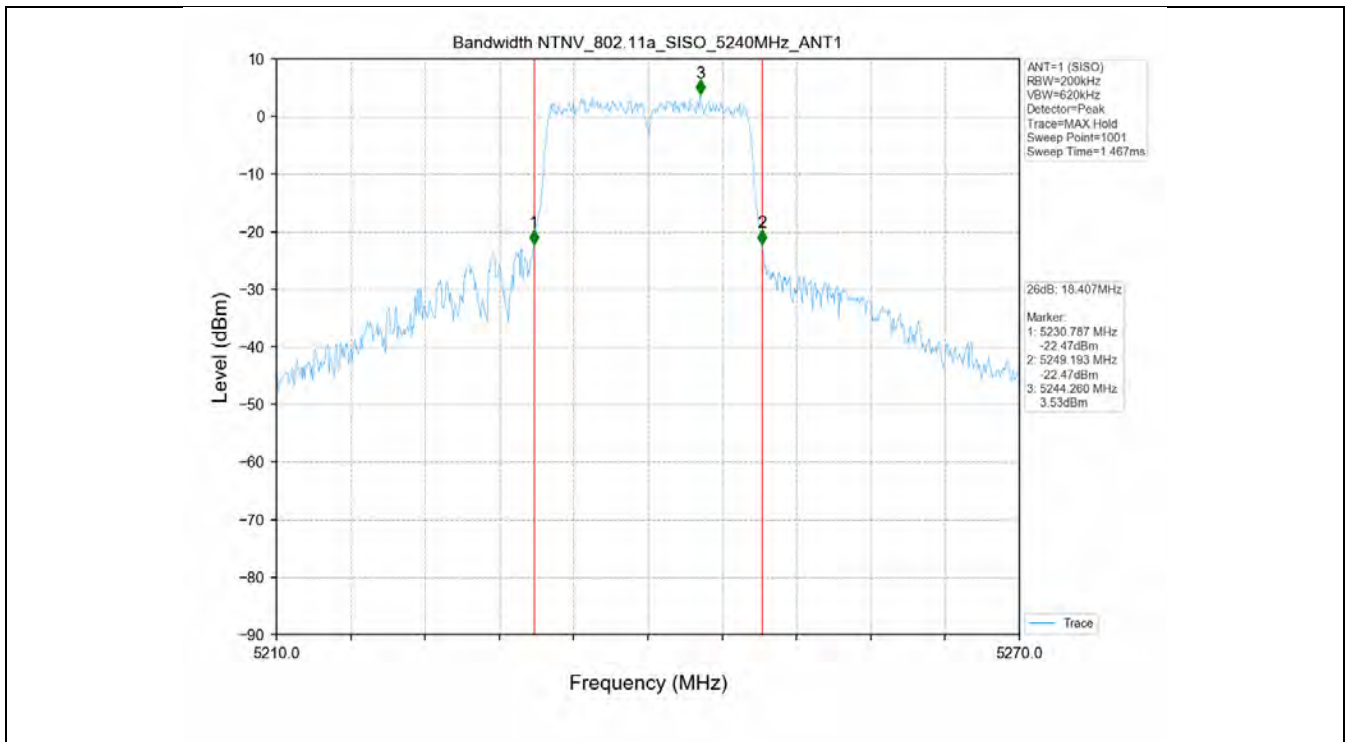
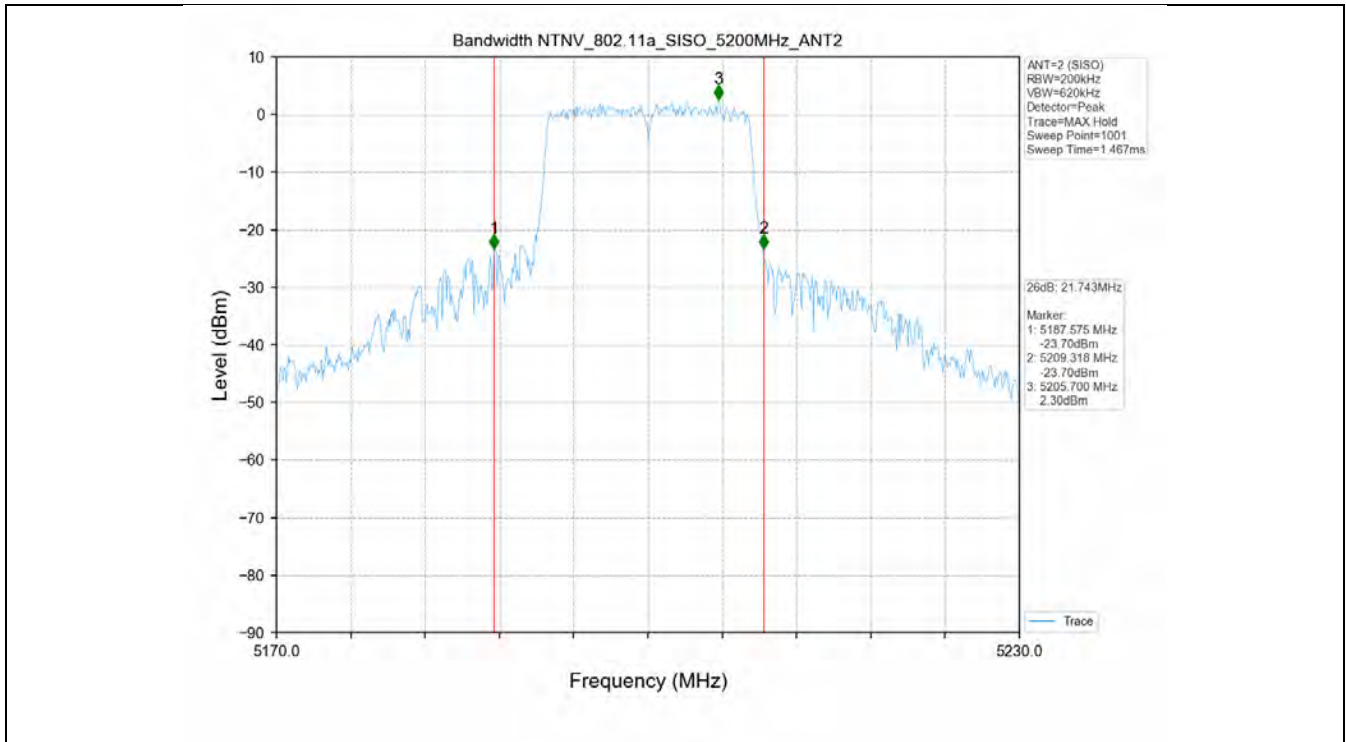


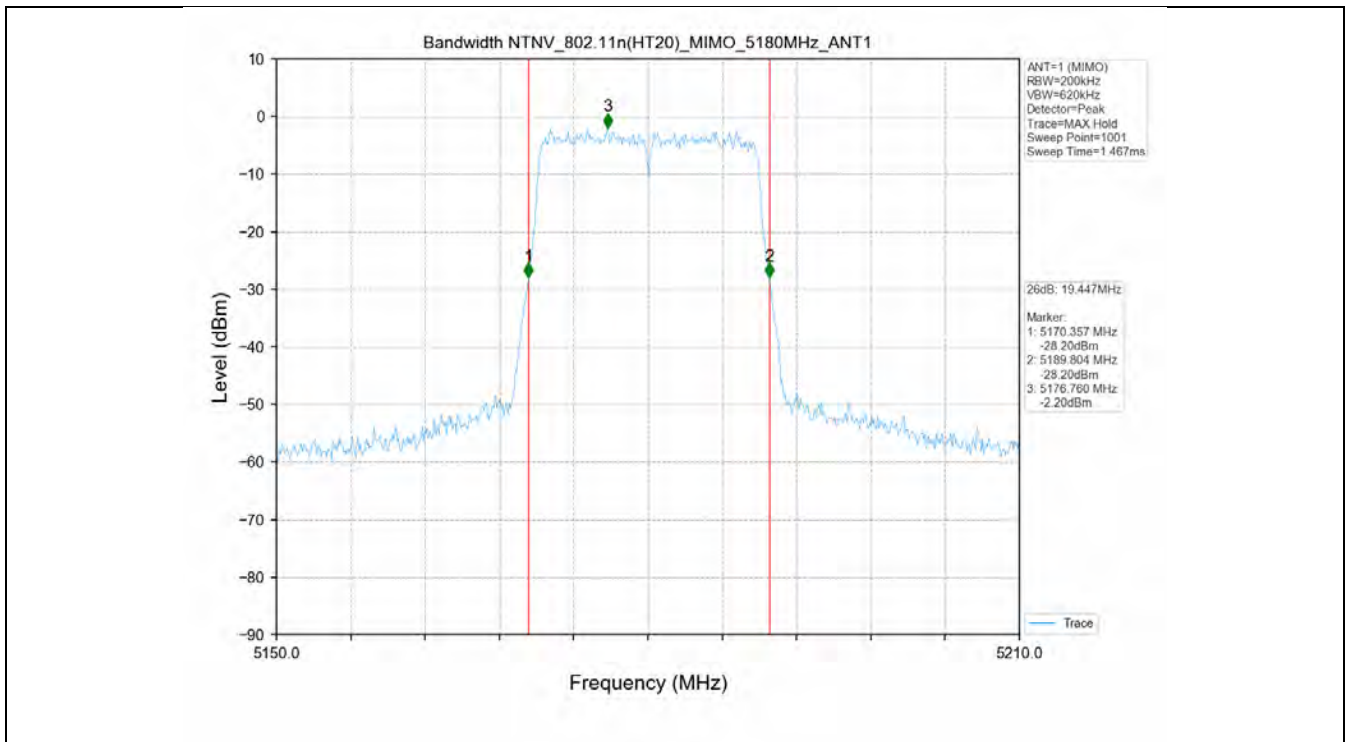
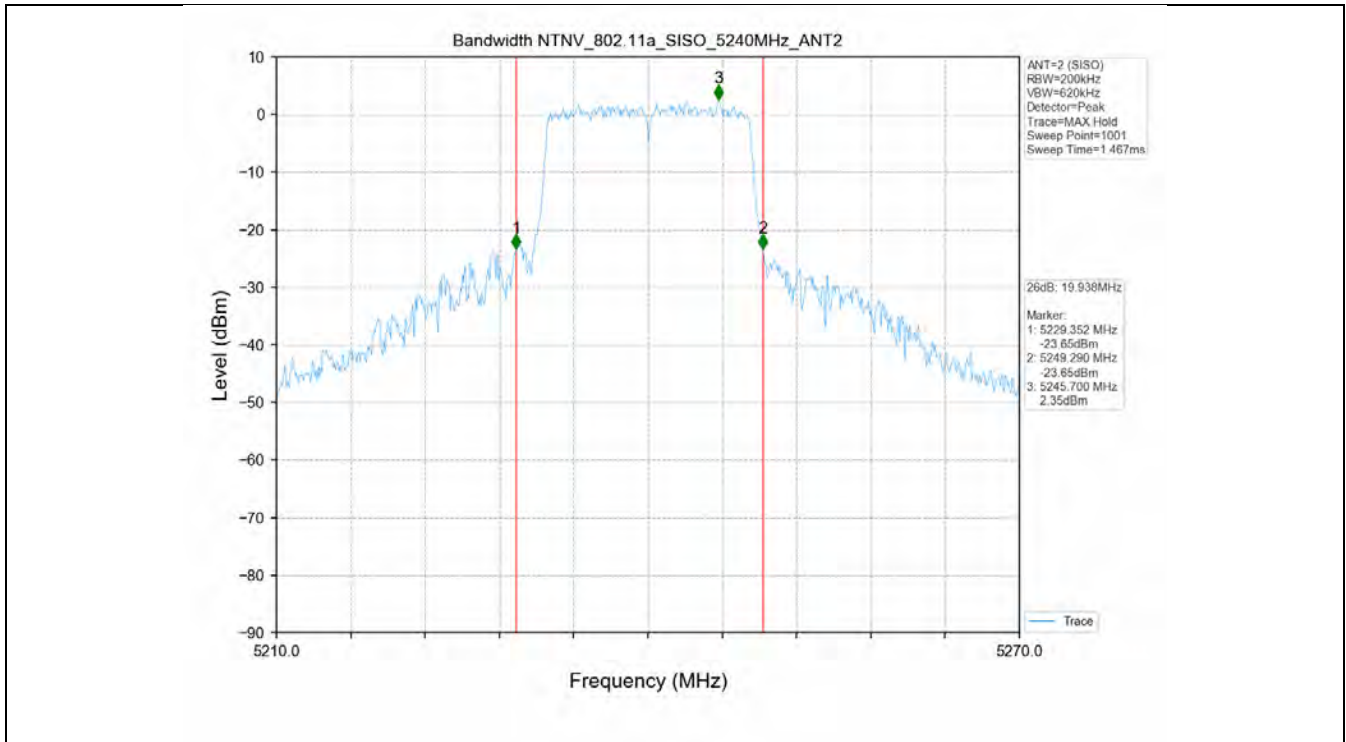
	5785	MIMO	1	27.197	Only for Report Use
			2	17.696	Only for Report Use
	5825	MIMO	1	21.285	Only for Report Use
			2	17.682	Only for Report Use
802.11ac(VHT40)	5190	MIMO	1	36.392	Only for Report Use
			2	36.453	Only for Report Use
	5230	MIMO	1	36.446	Only for Report Use
			2	36.385	Only for Report Use
	5755	MIMO	1	59.134	Only for Report Use
			2	36.631	Only for Report Use
	5795	MIMO	1	48.794	Only for Report Use
			2	36.632	Only for Report Use
802.11ac(VHT80)	5210	MIMO	1	75.417	Only for Report Use
			2	75.219	Only for Report Use
	5775	MIMO	1	119.416	Only for Report Use
			2	75.686	Only for Report Use

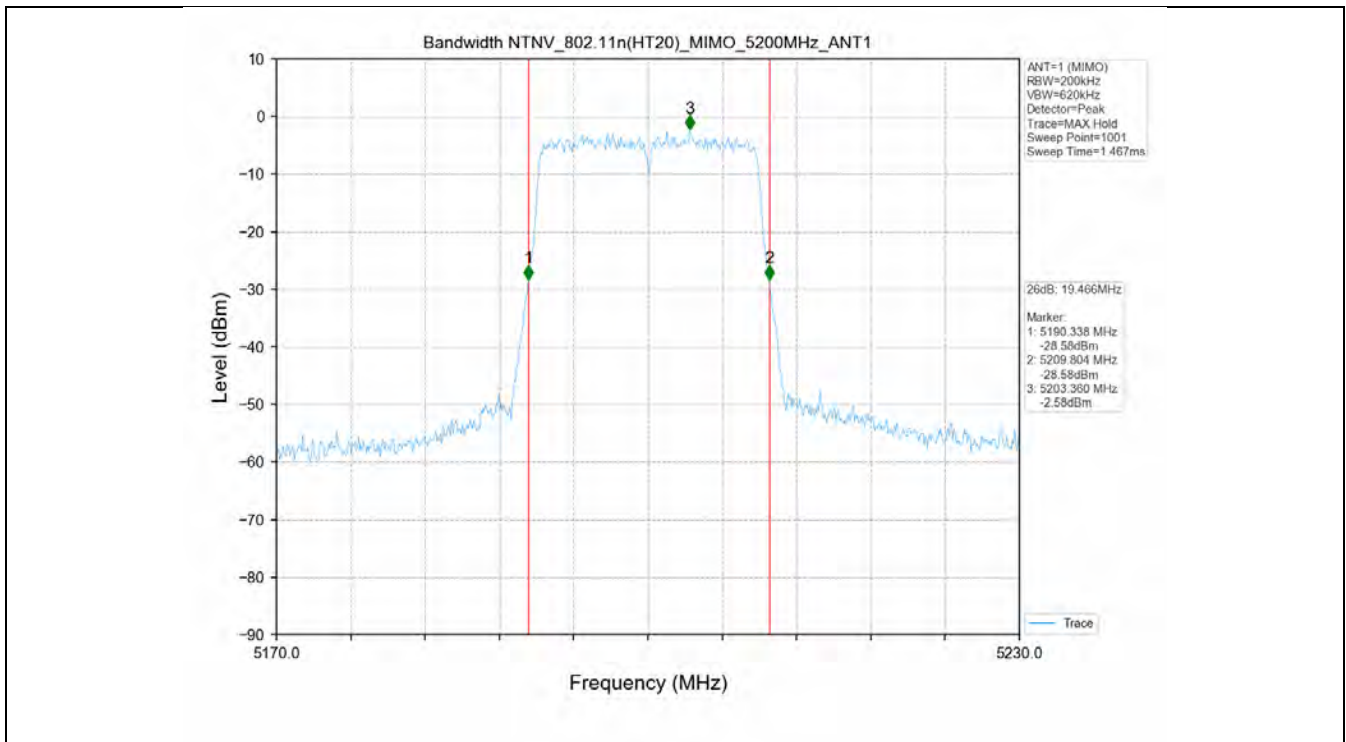
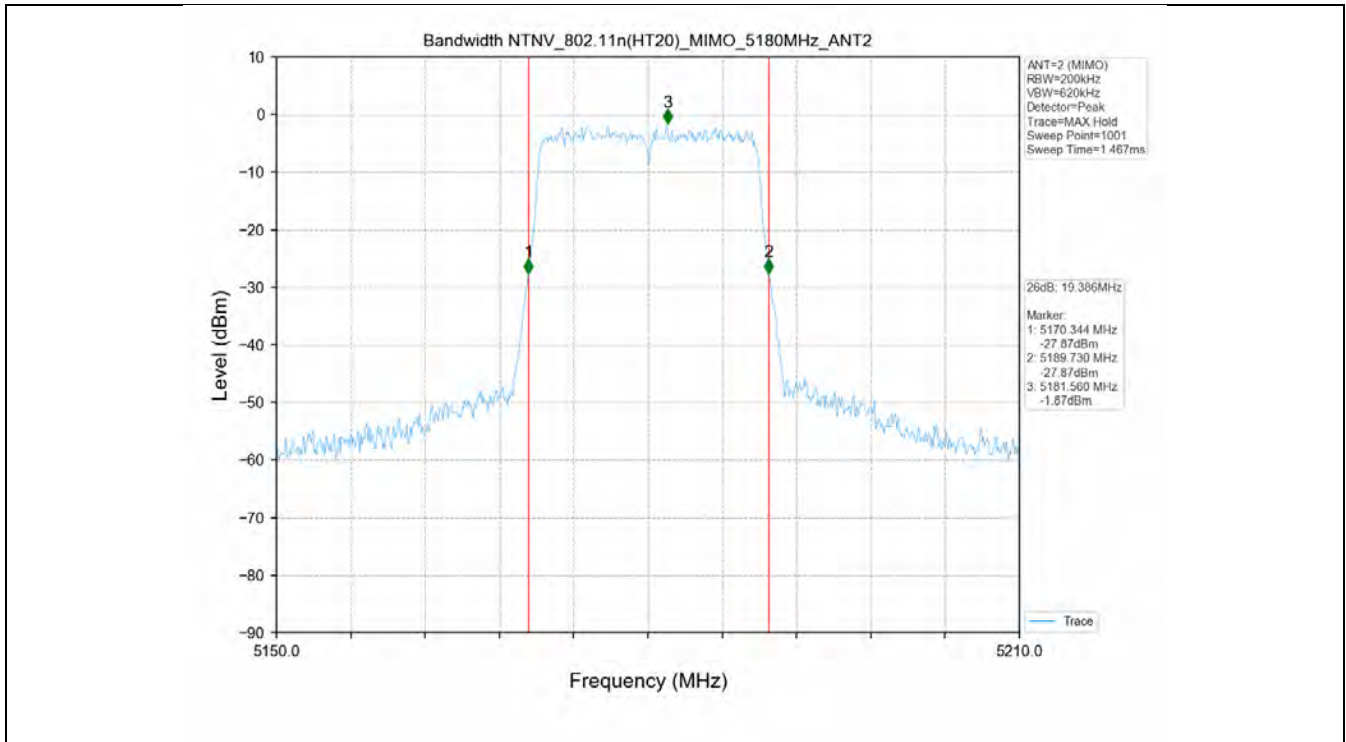
2.2 Test Graph - Emission Bandwidth

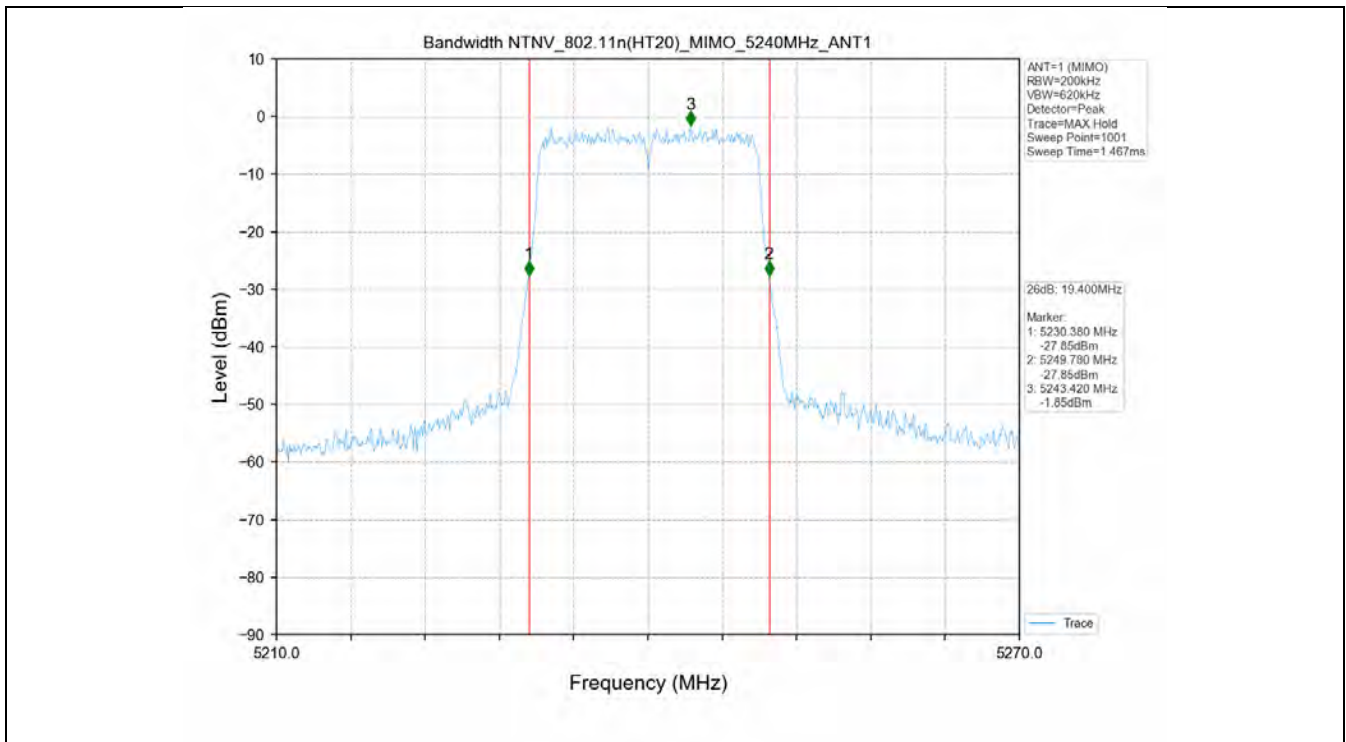
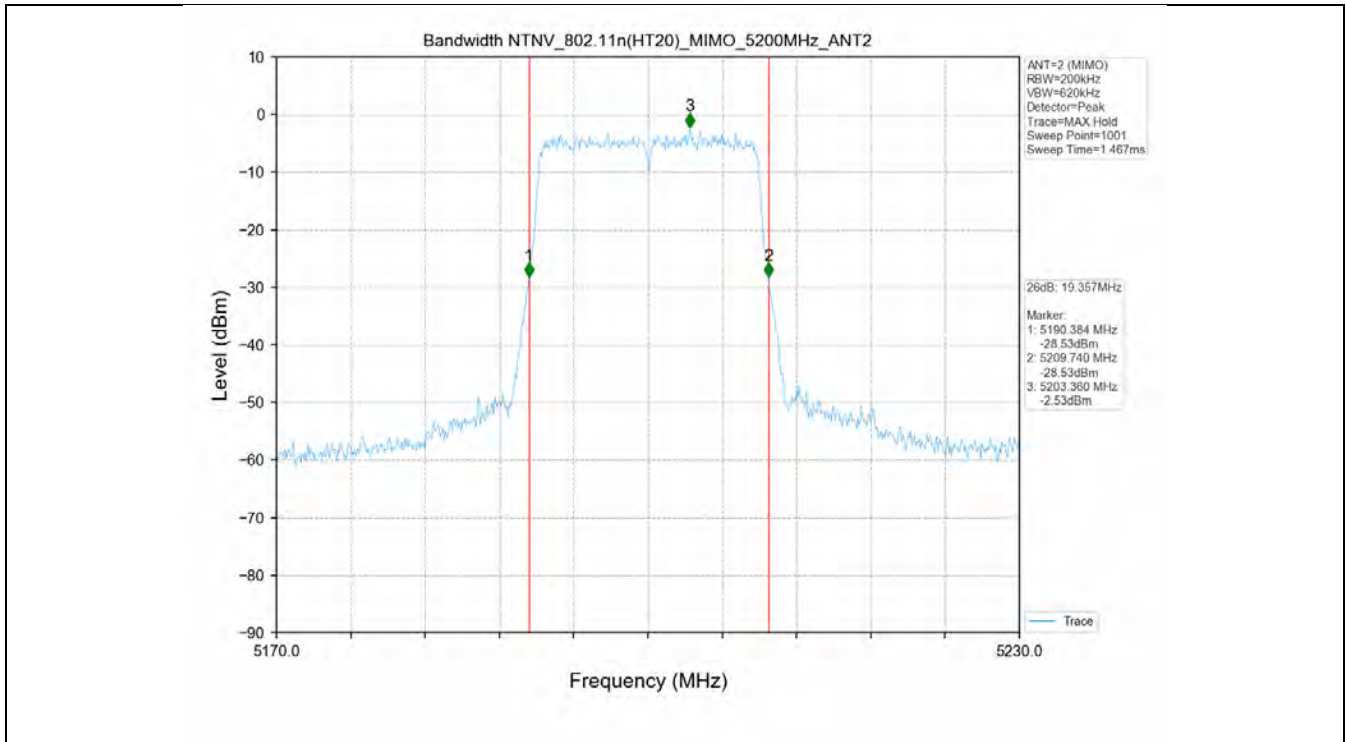


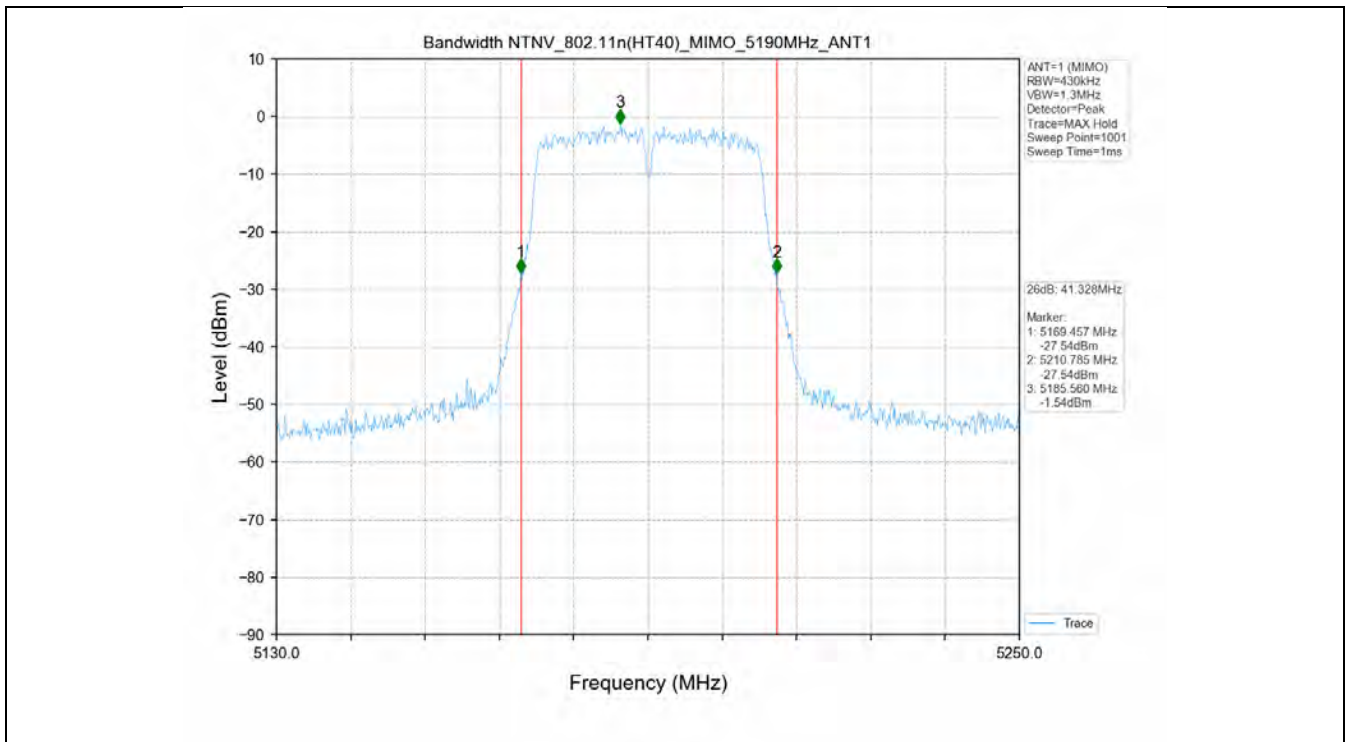
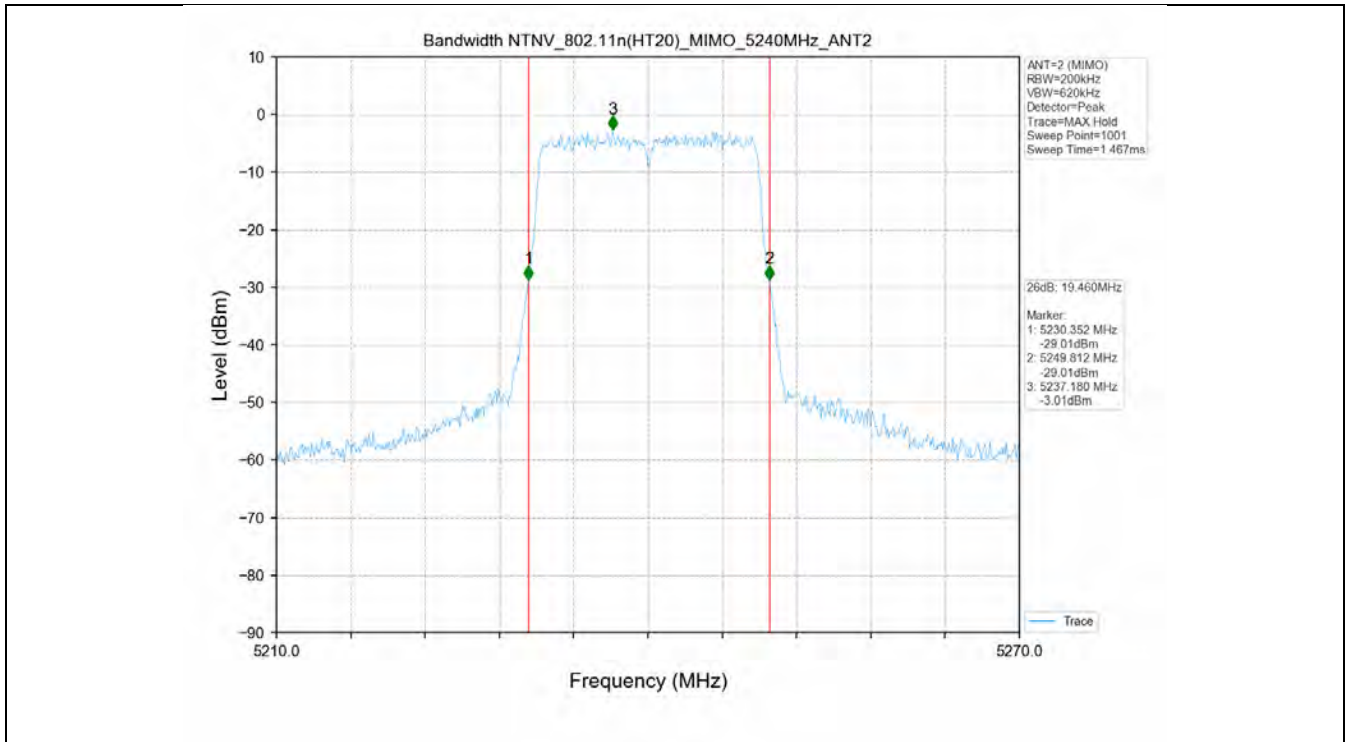


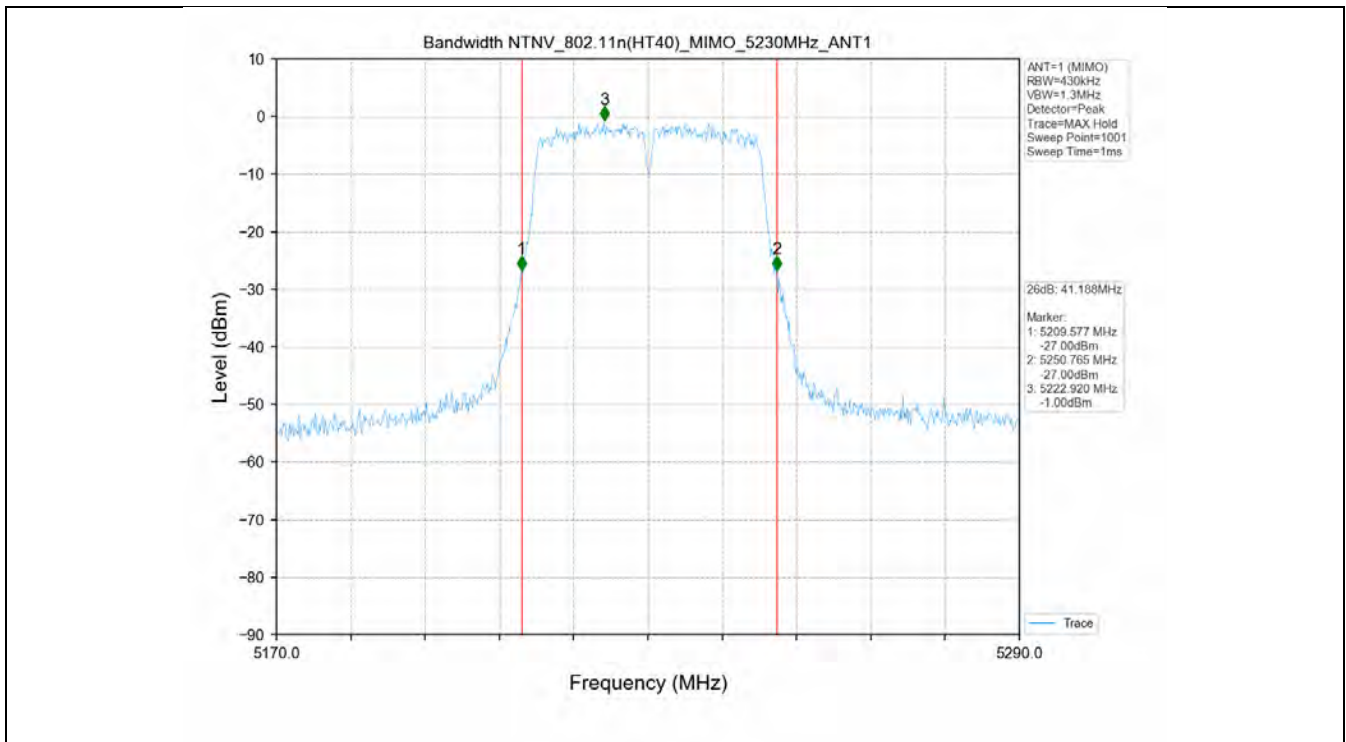
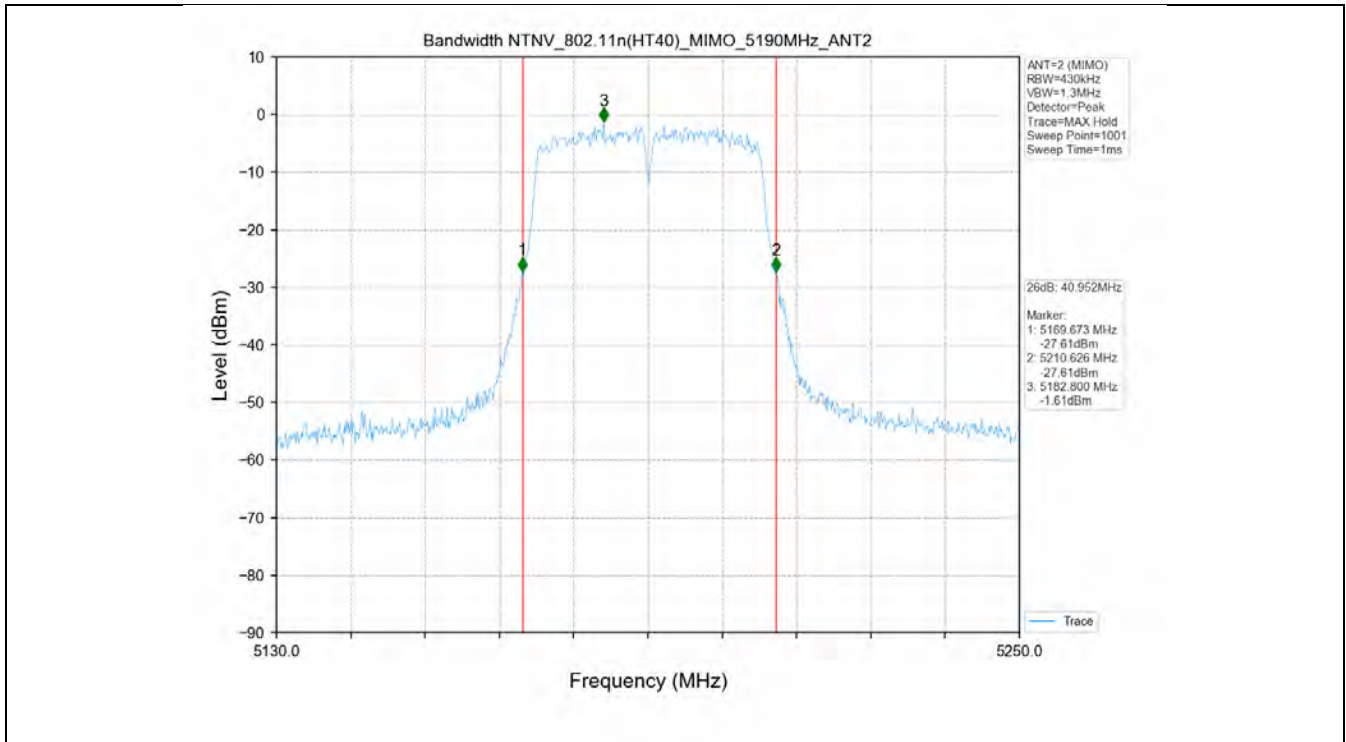


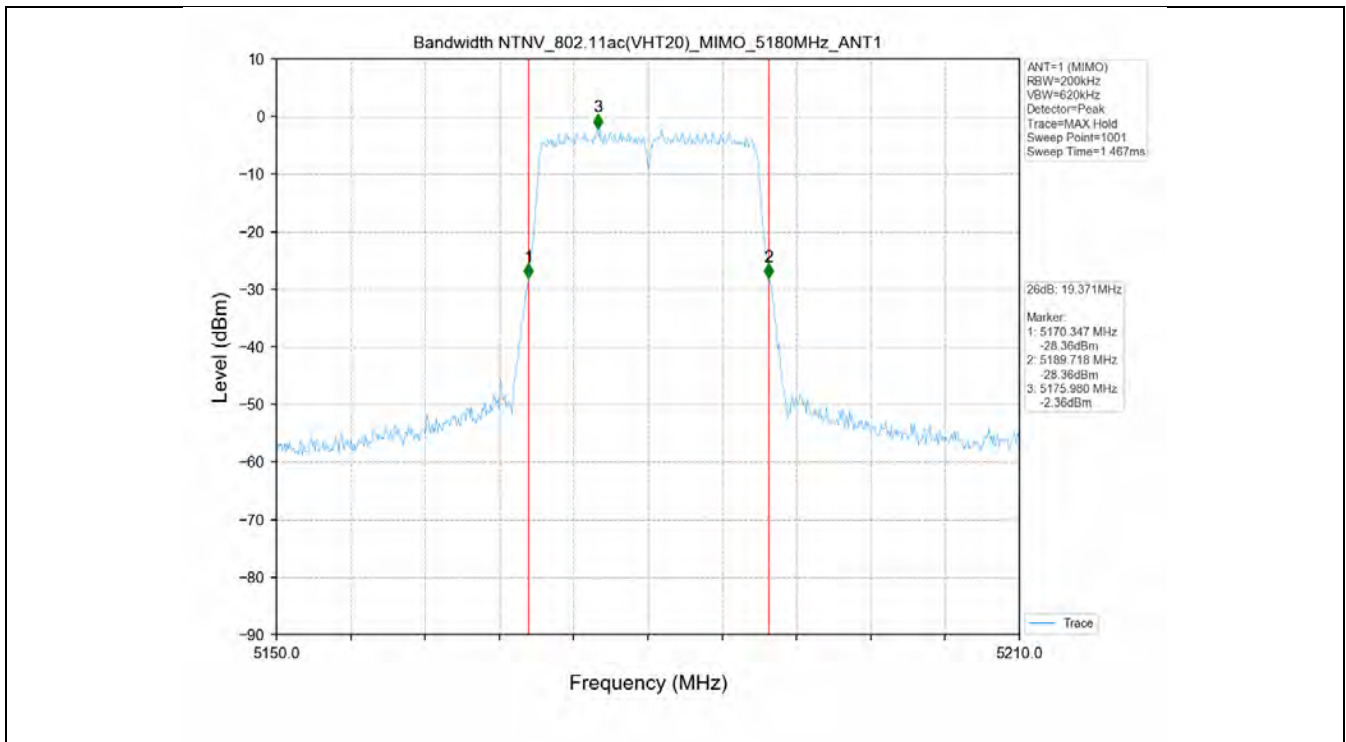
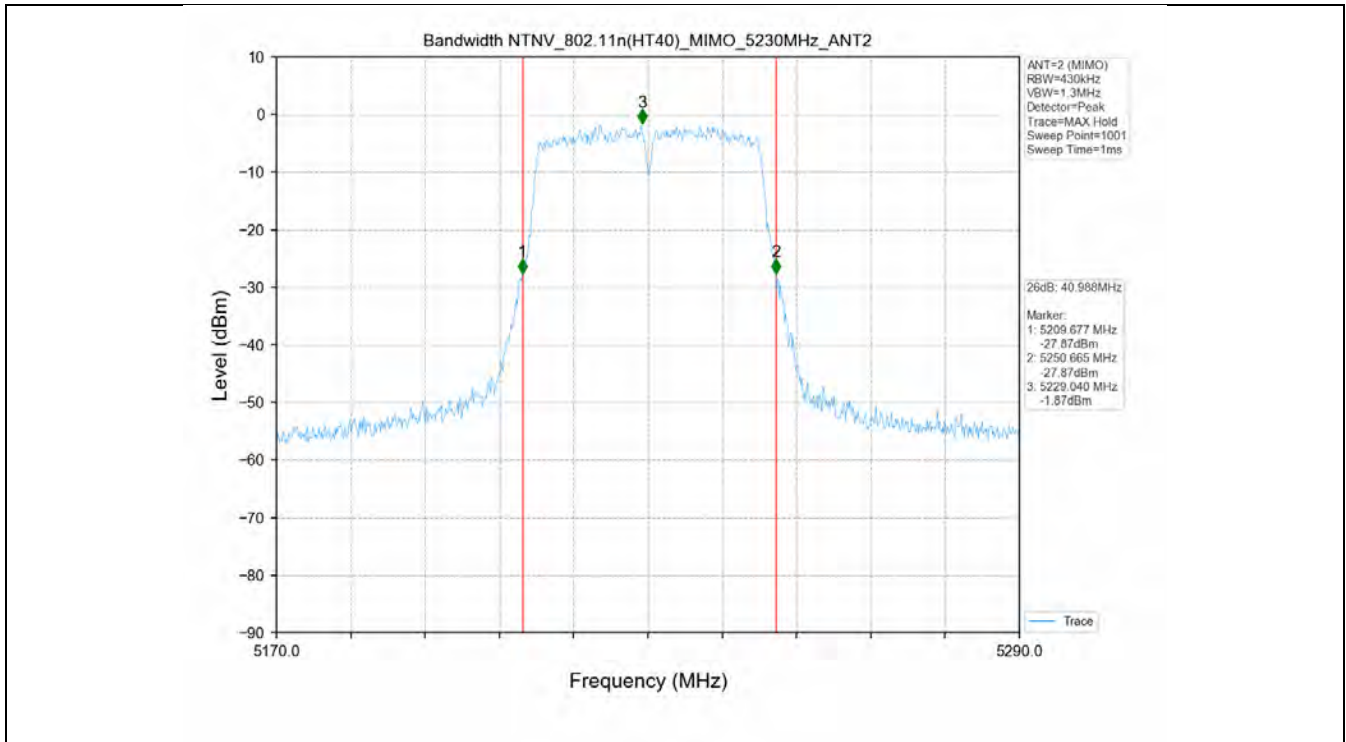


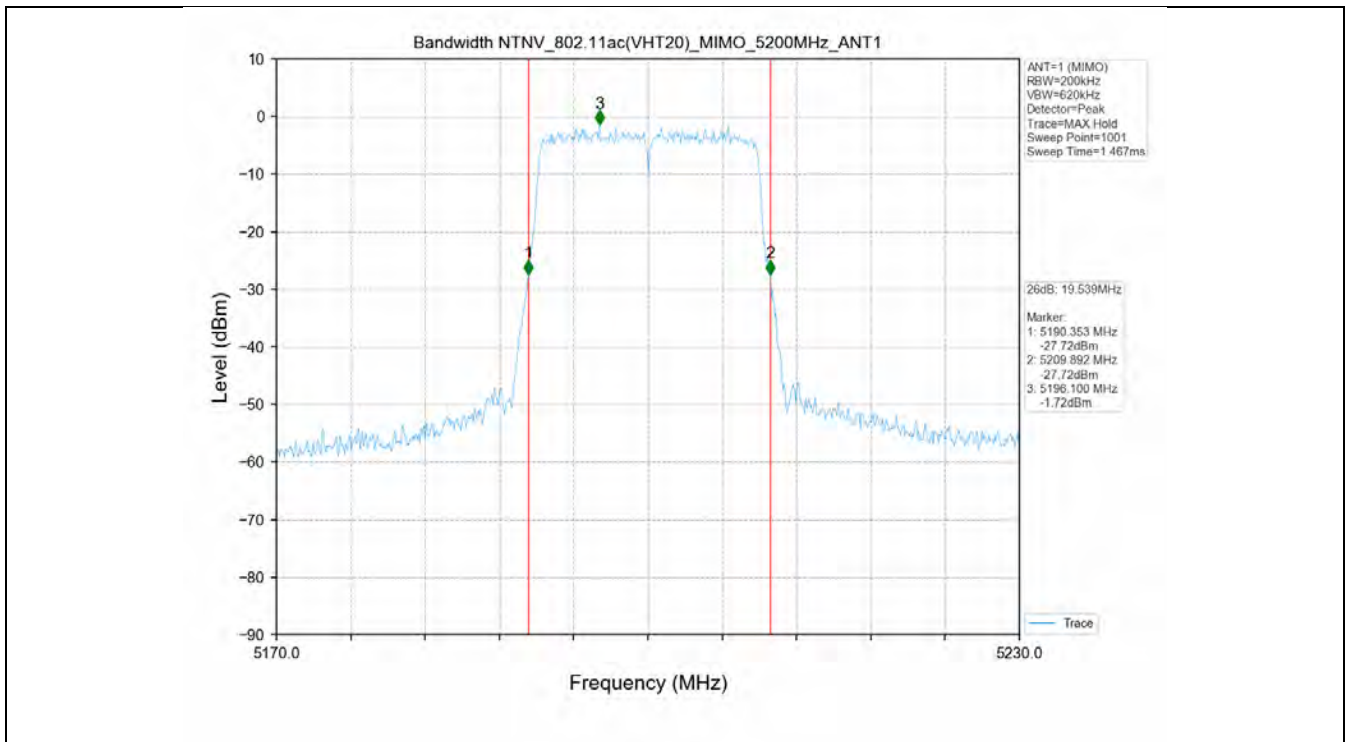
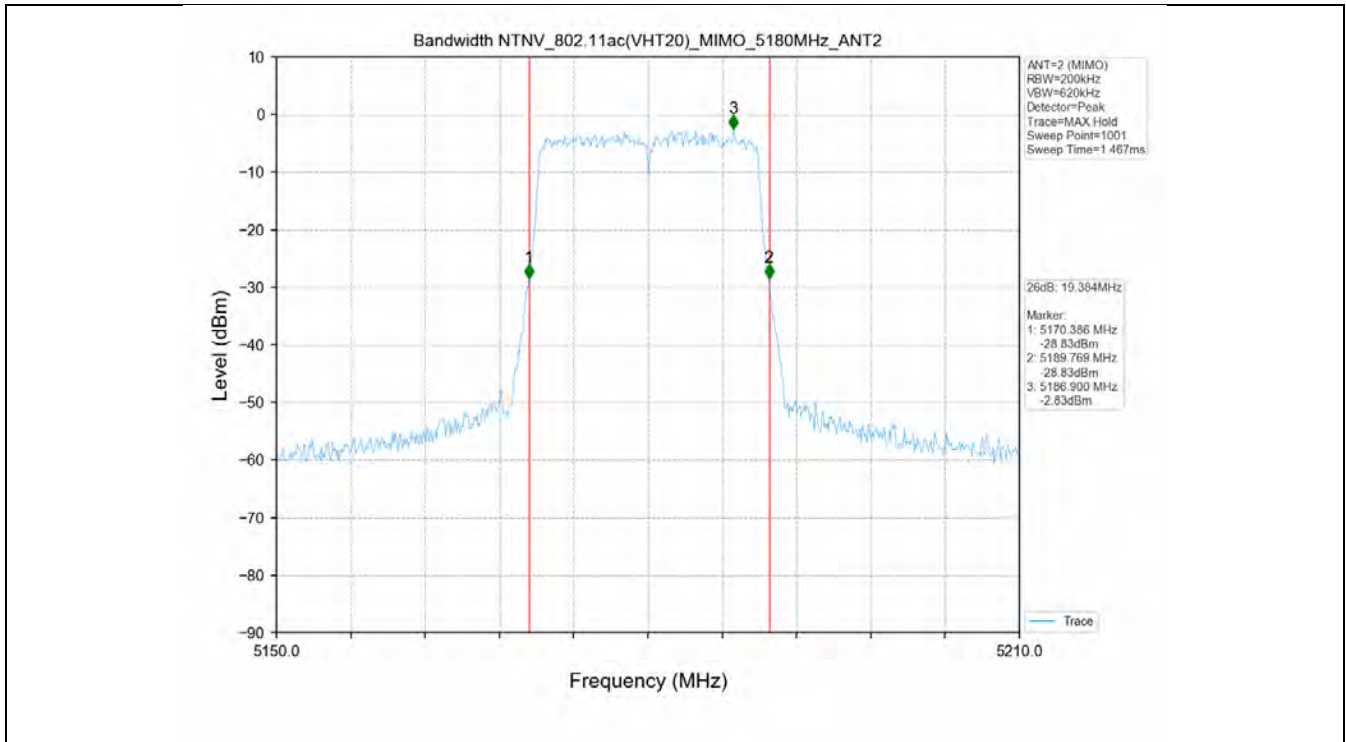


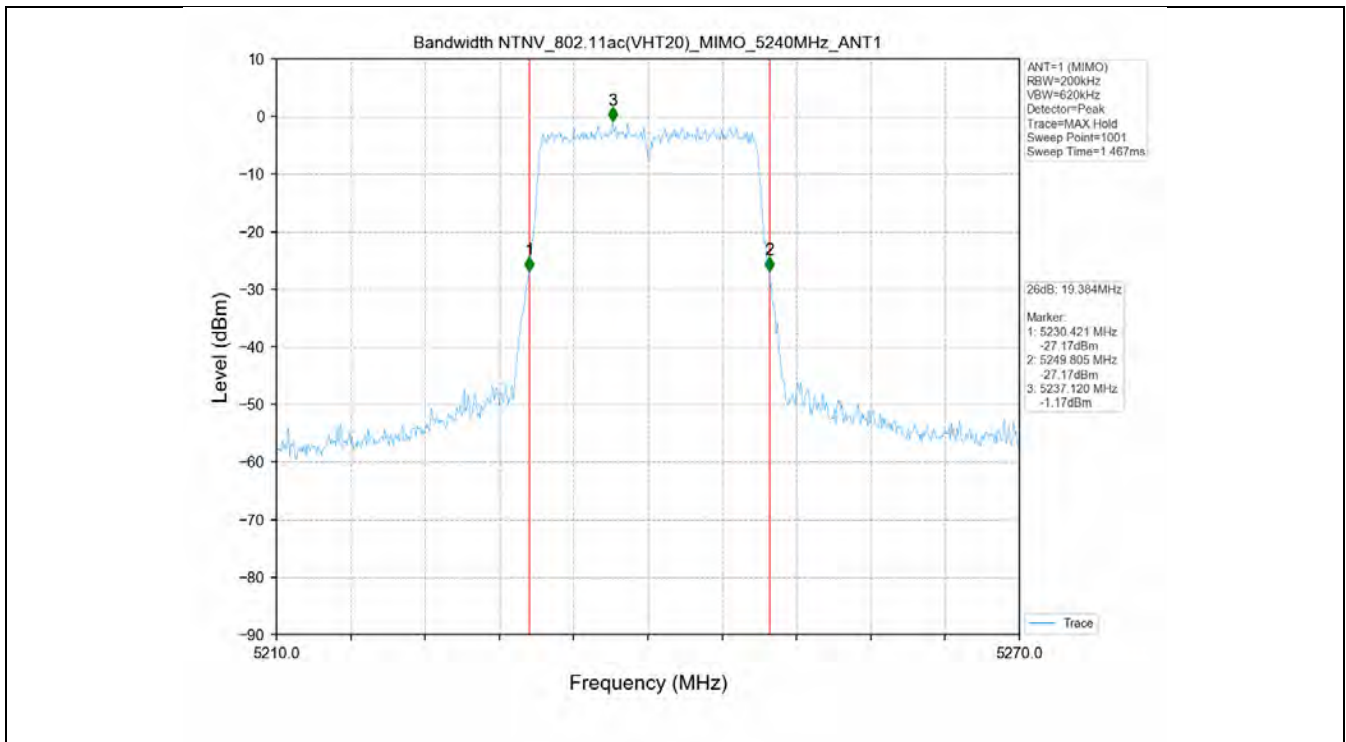
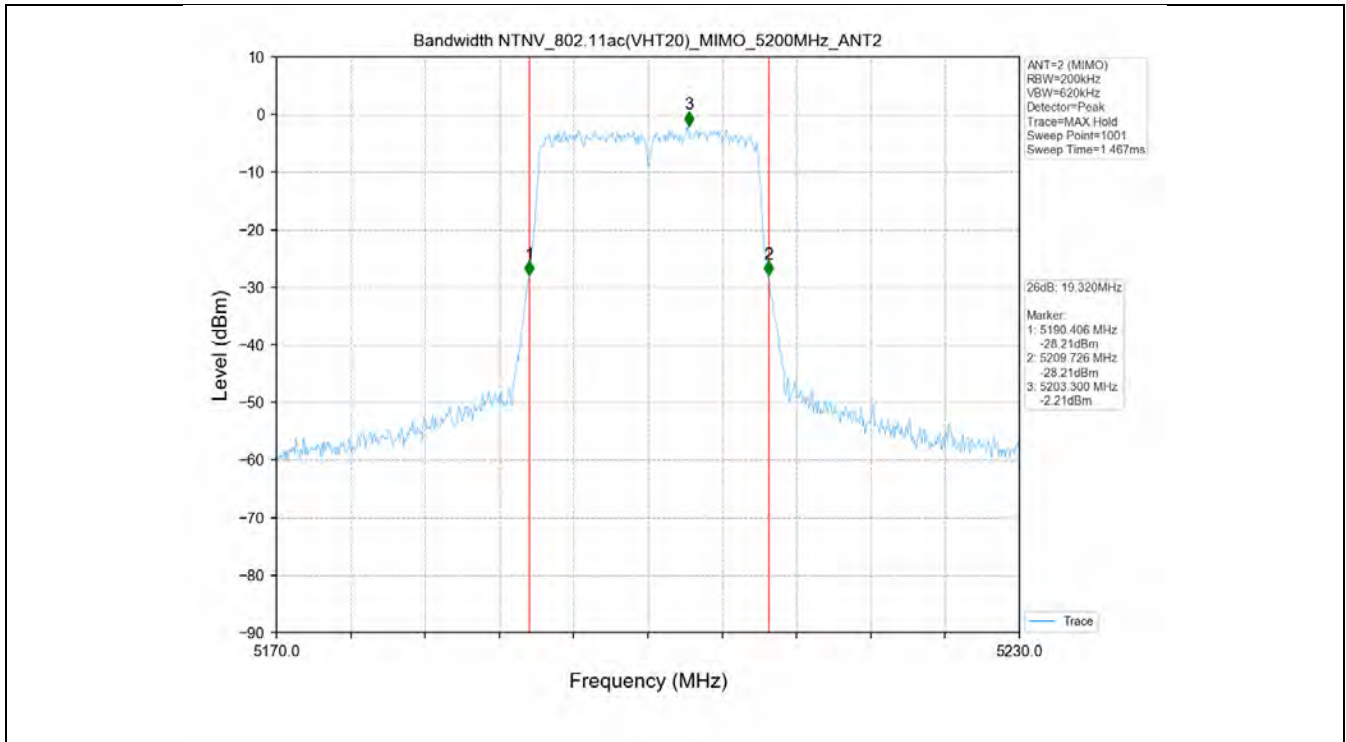


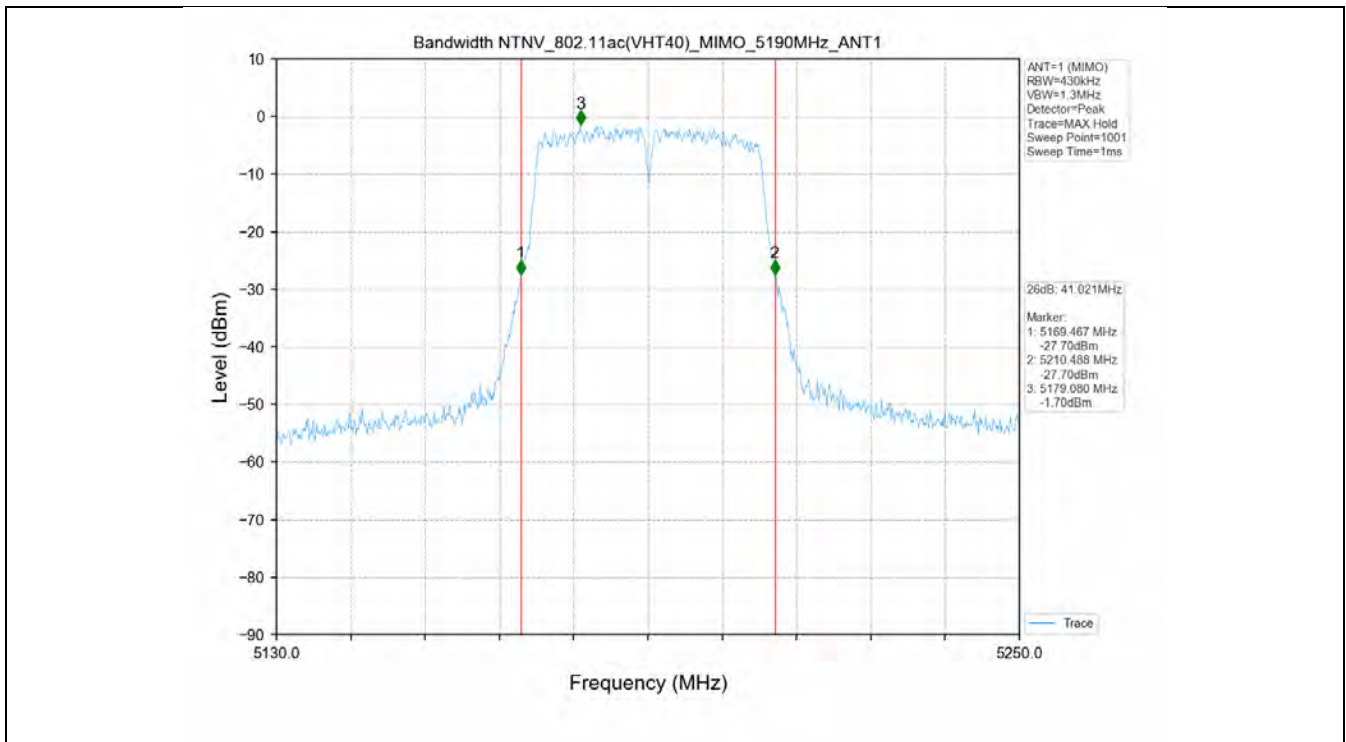
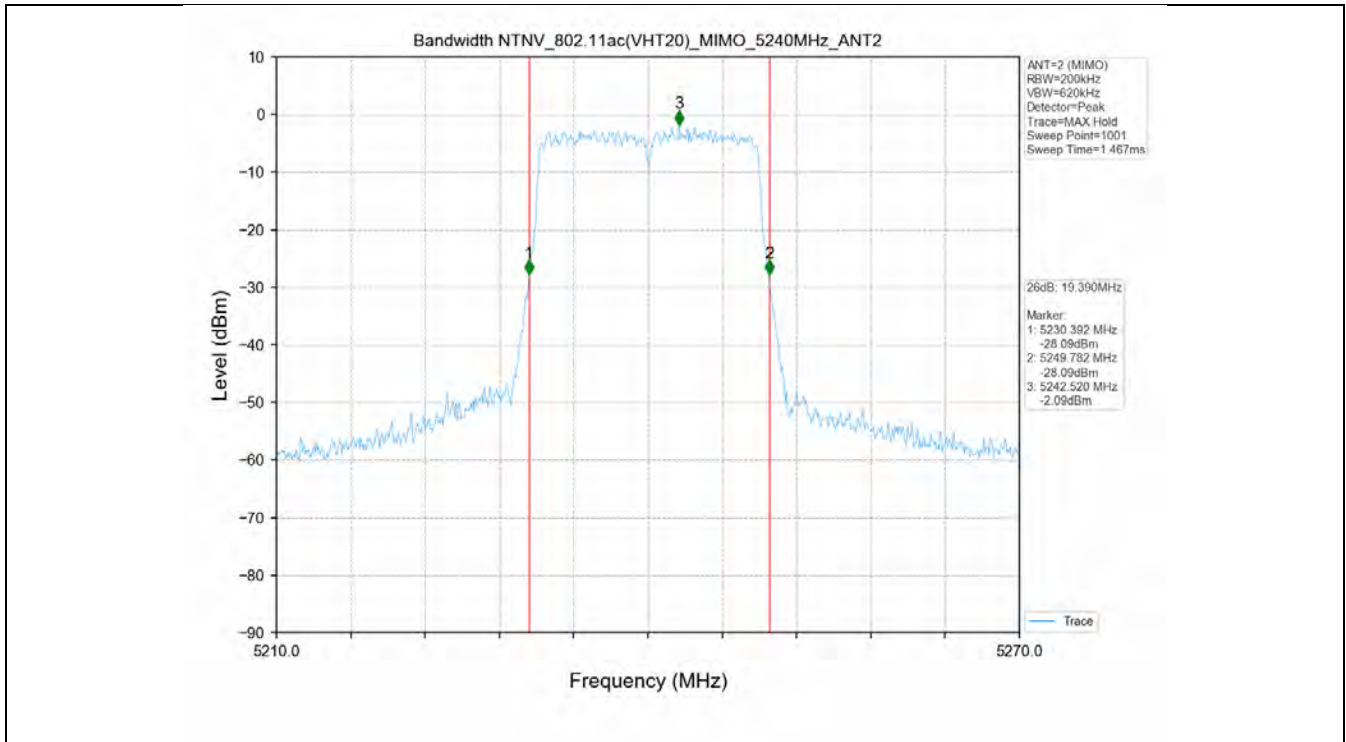


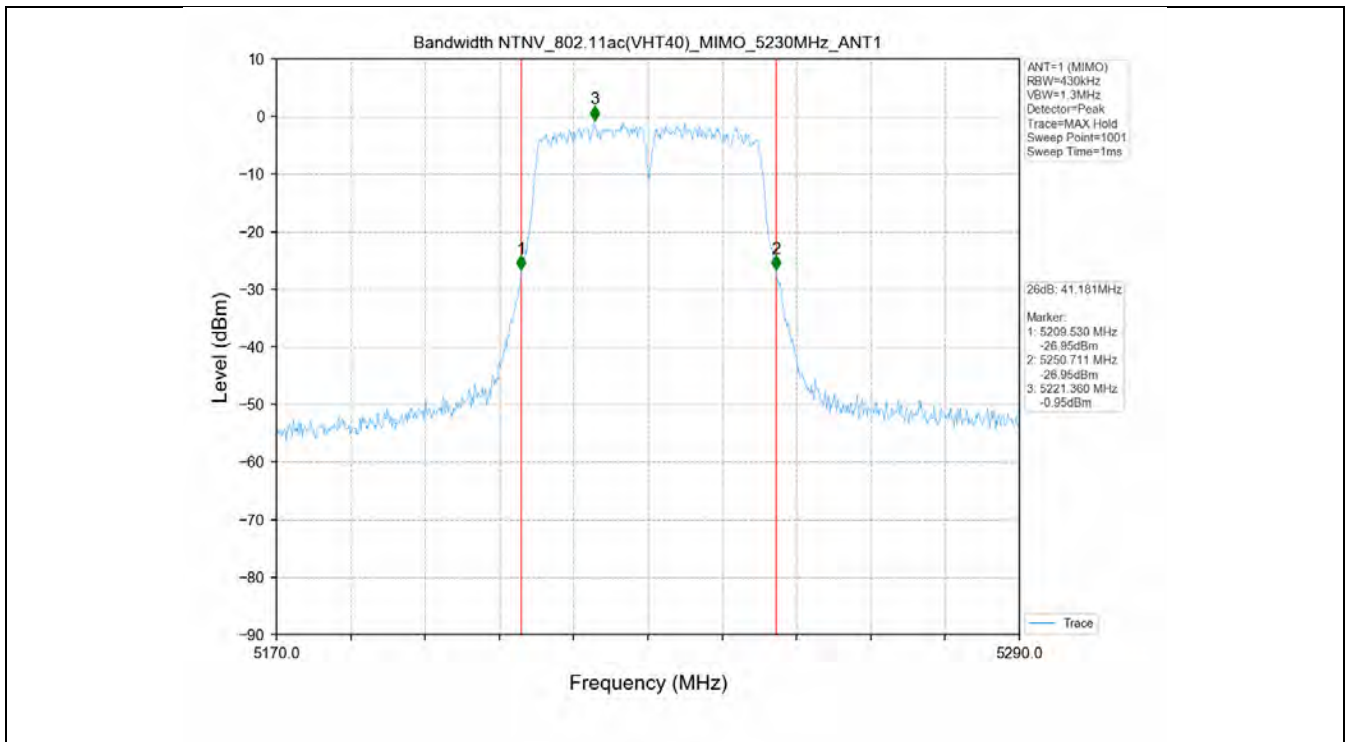
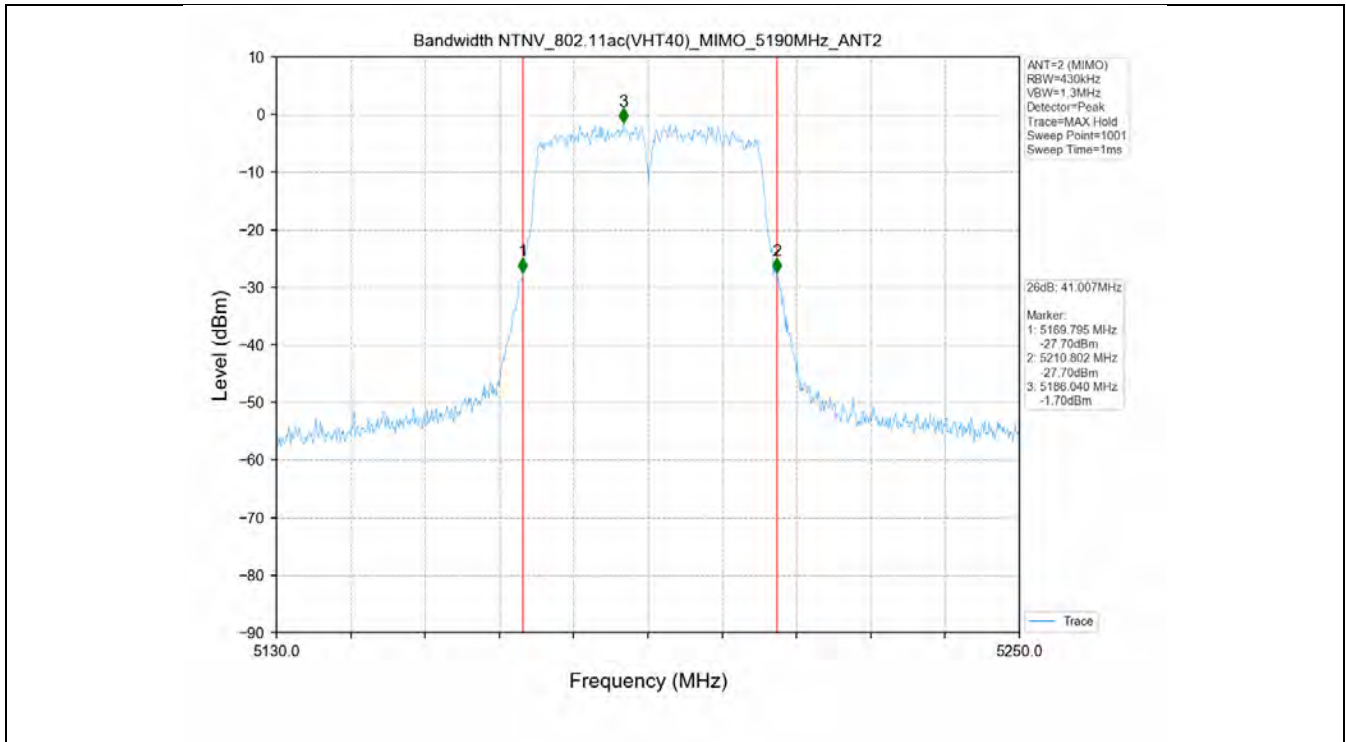


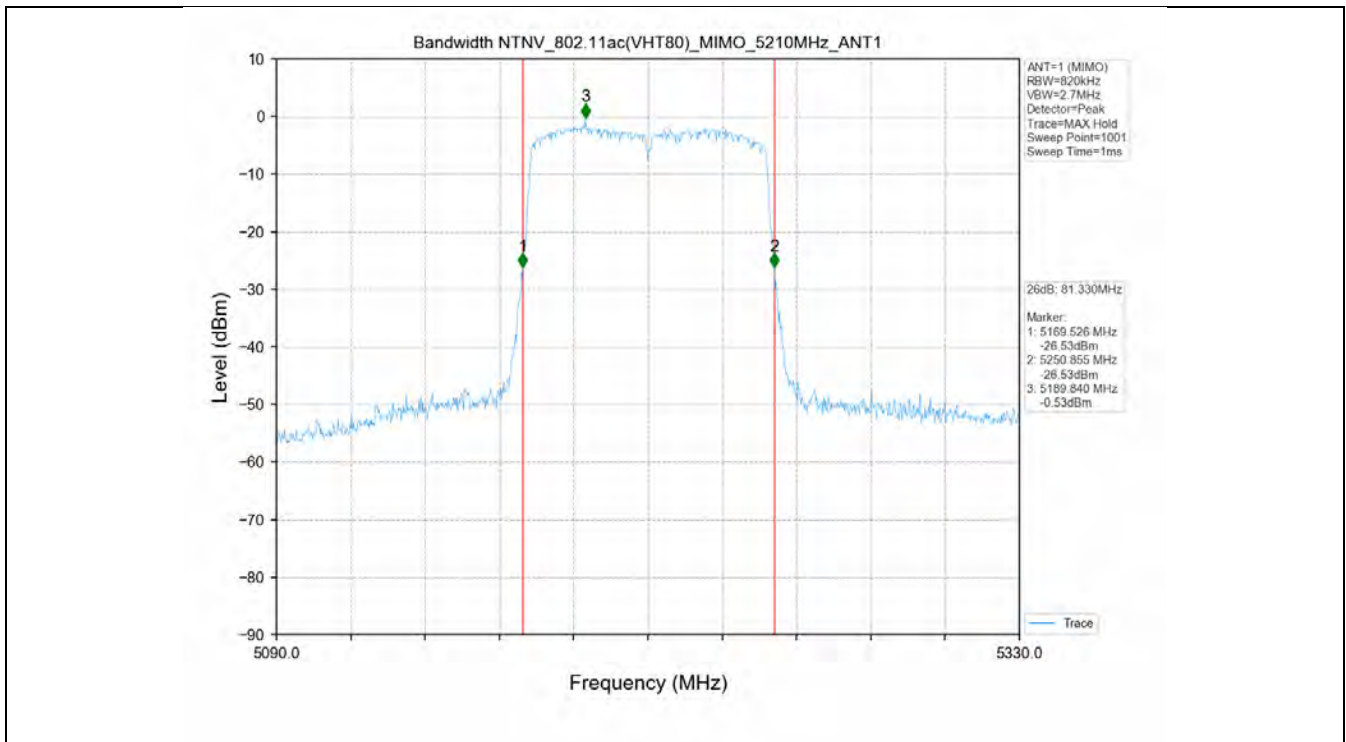
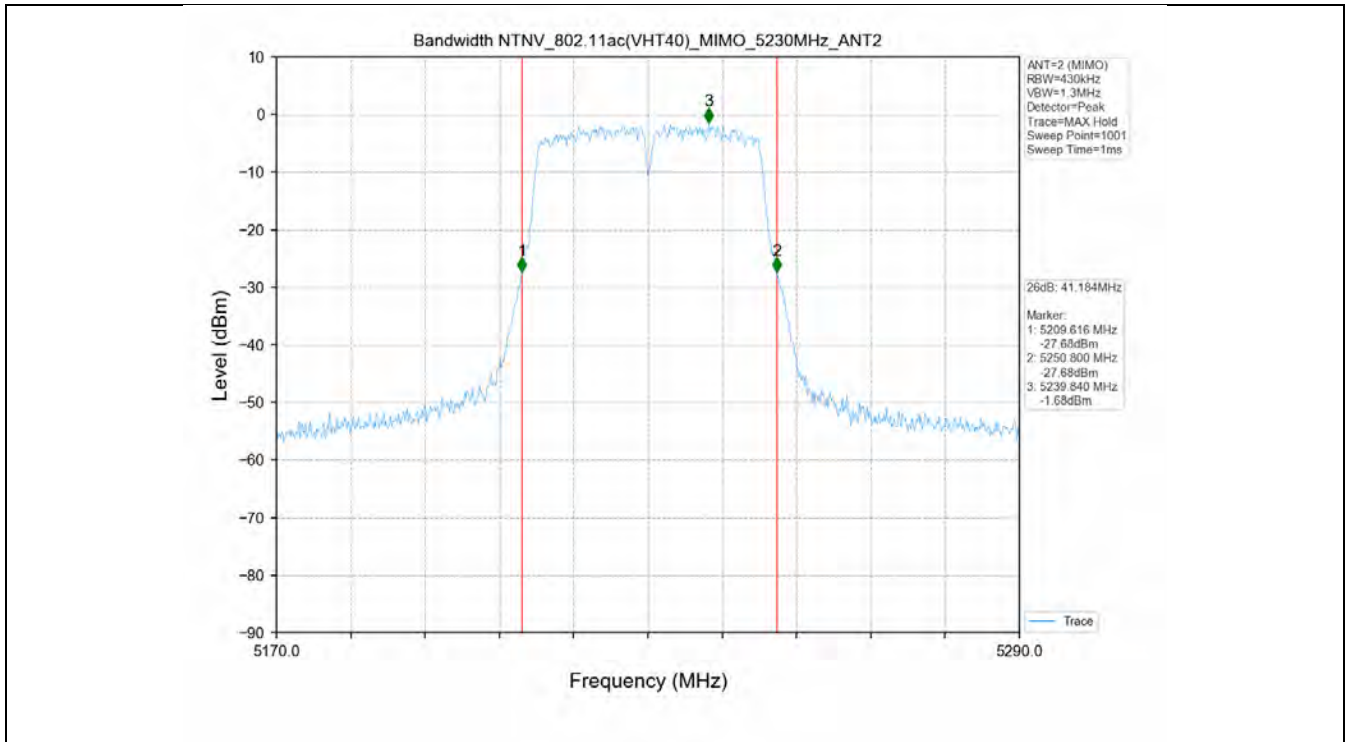


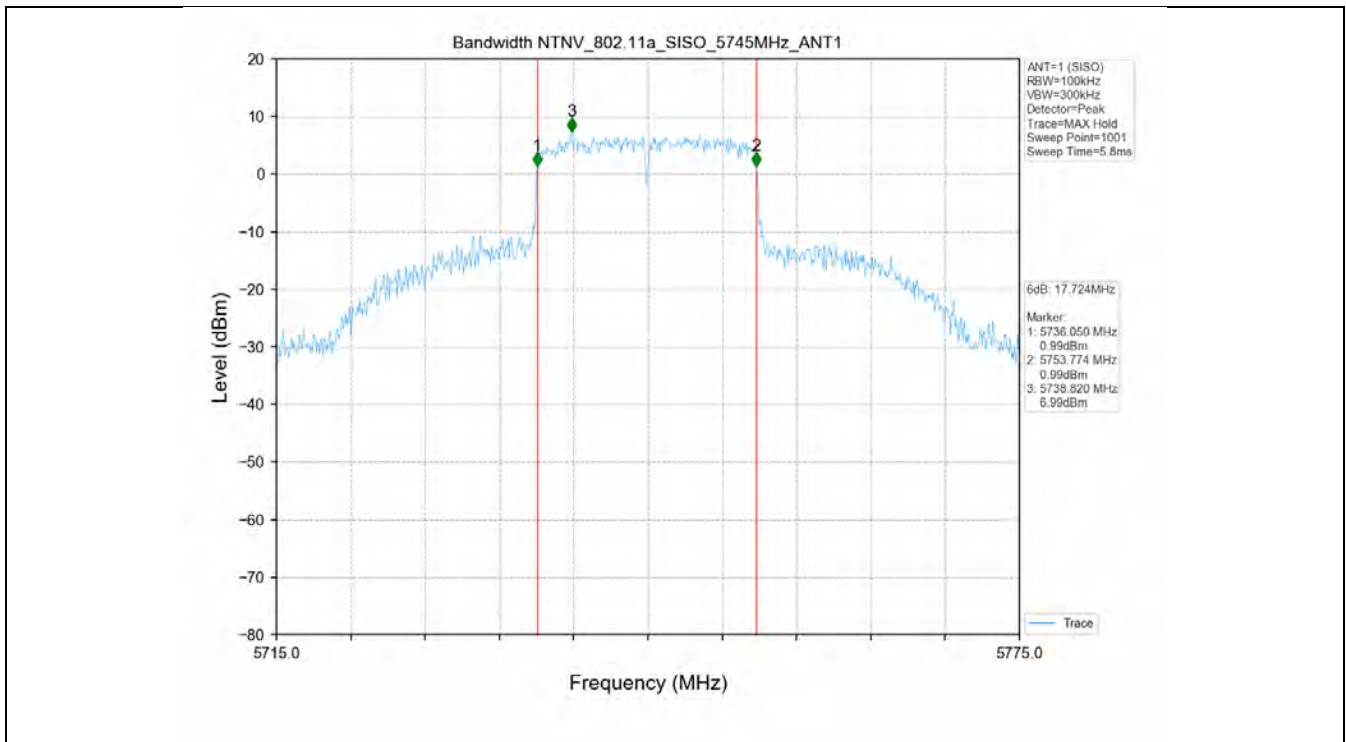
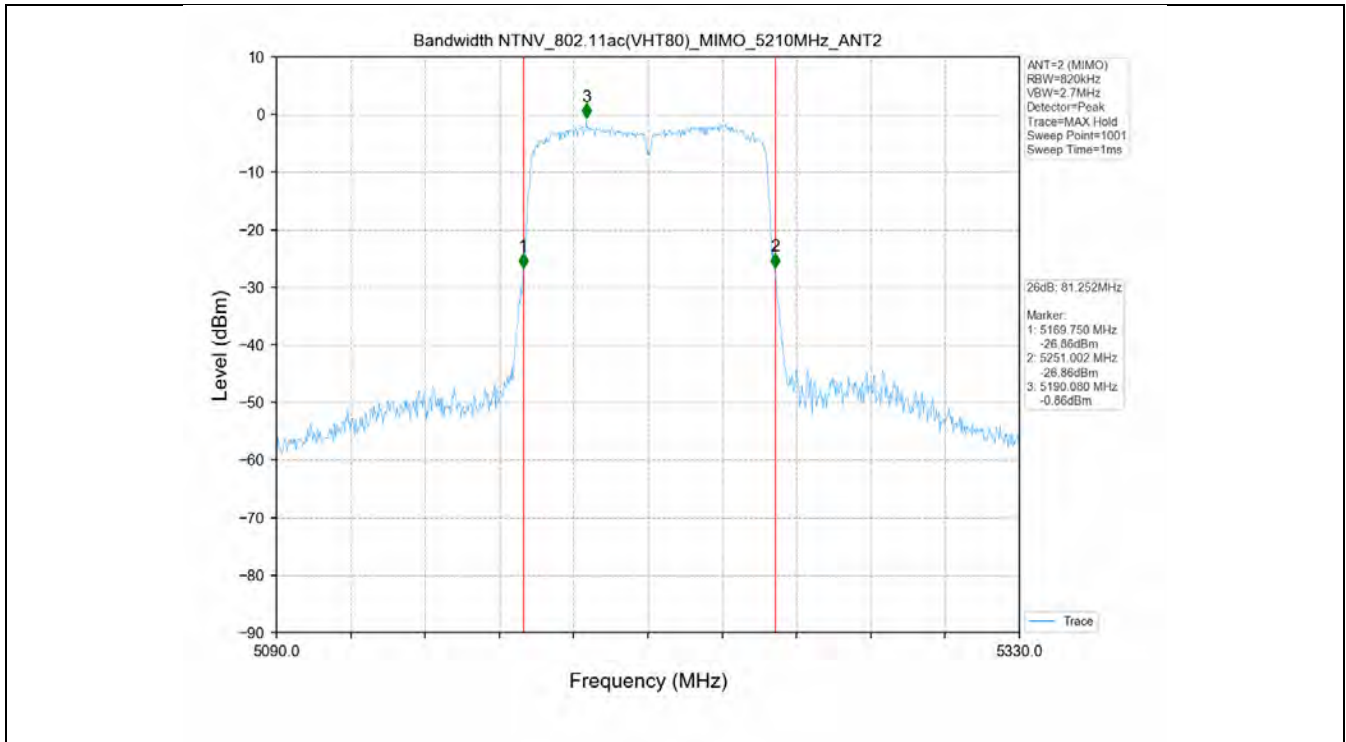


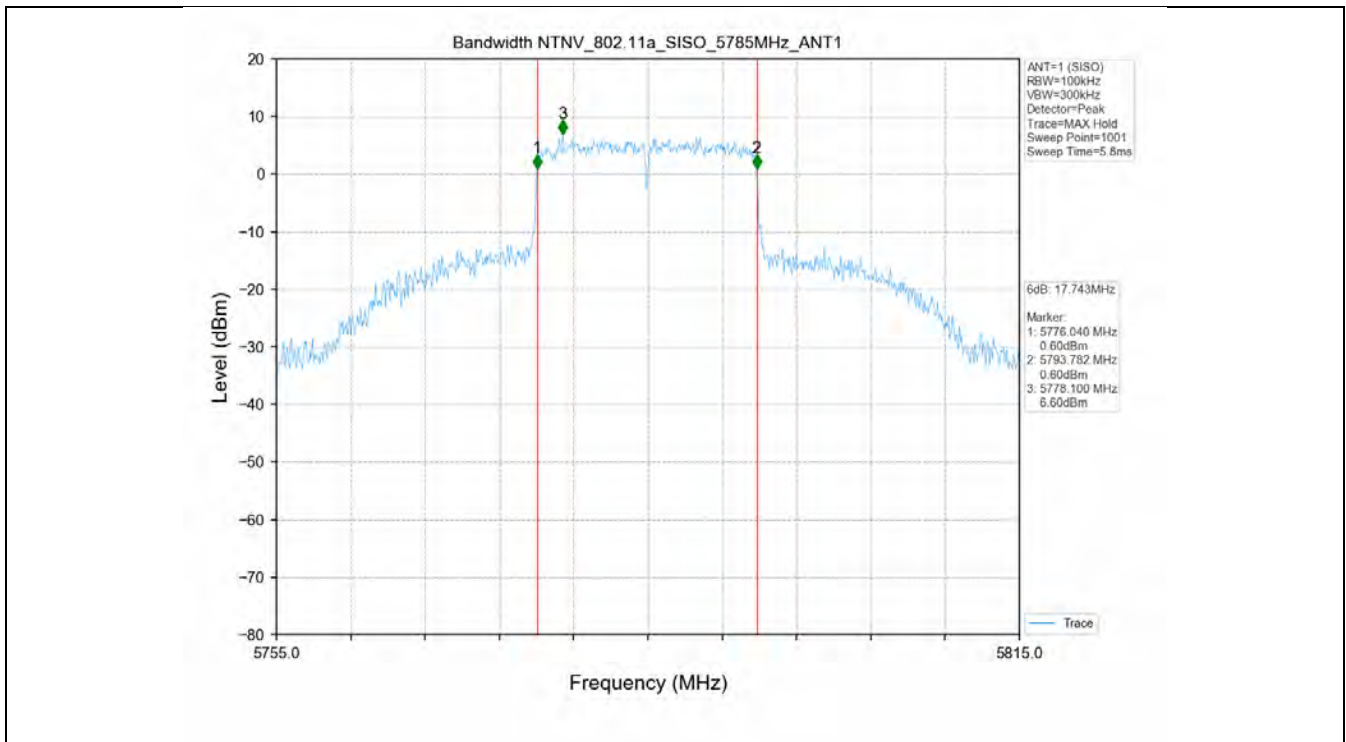
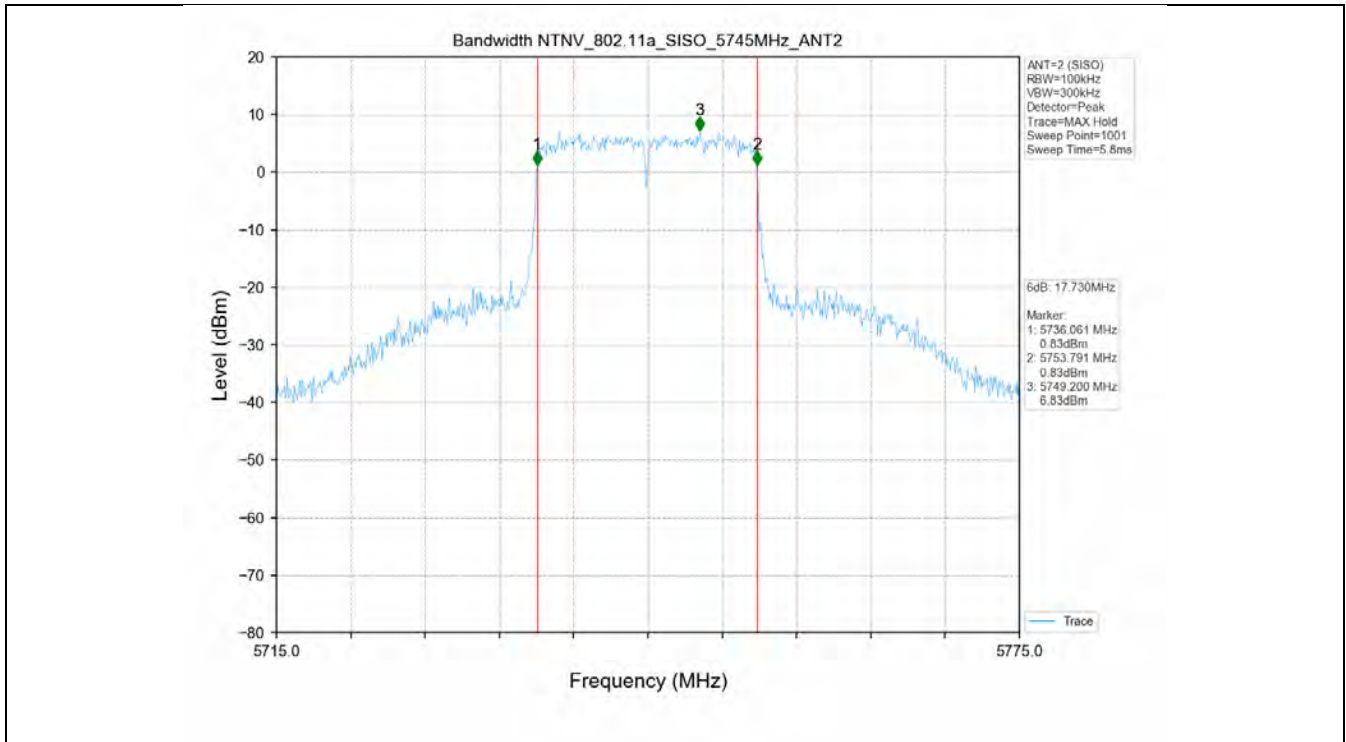


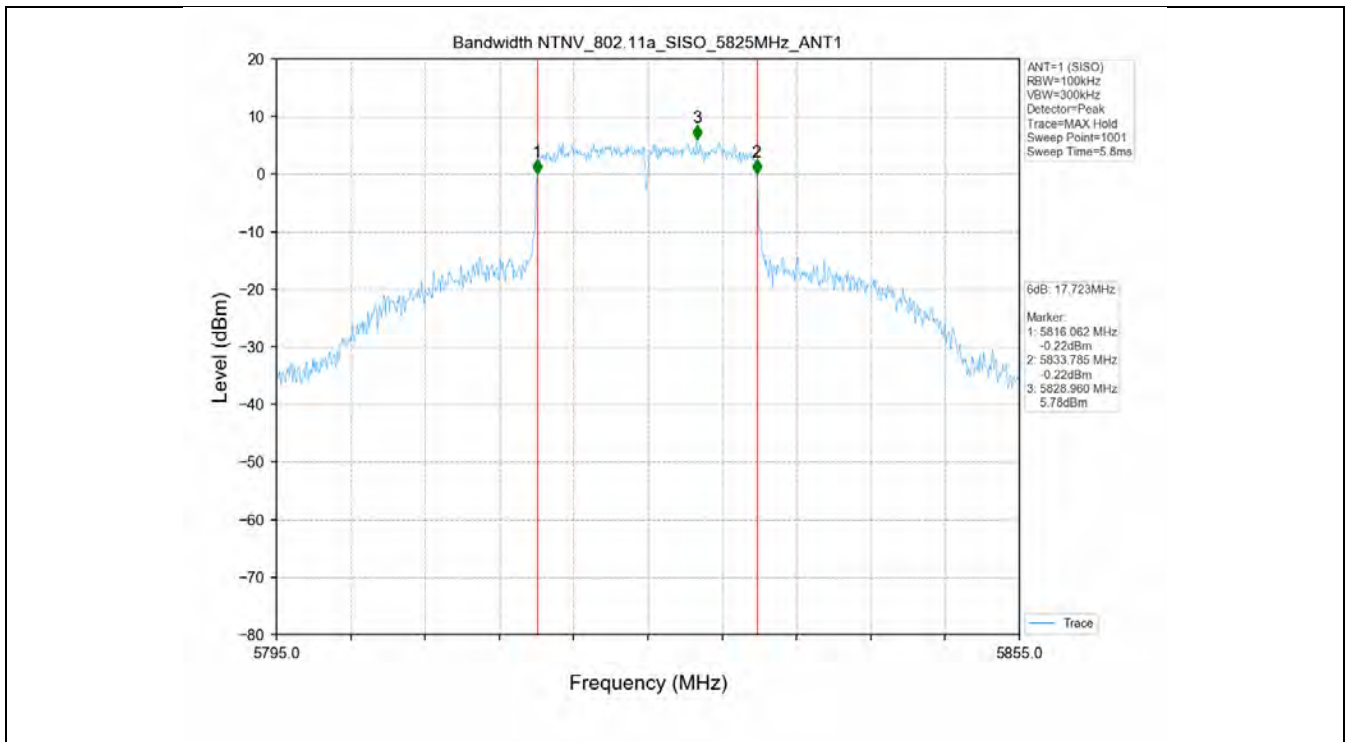
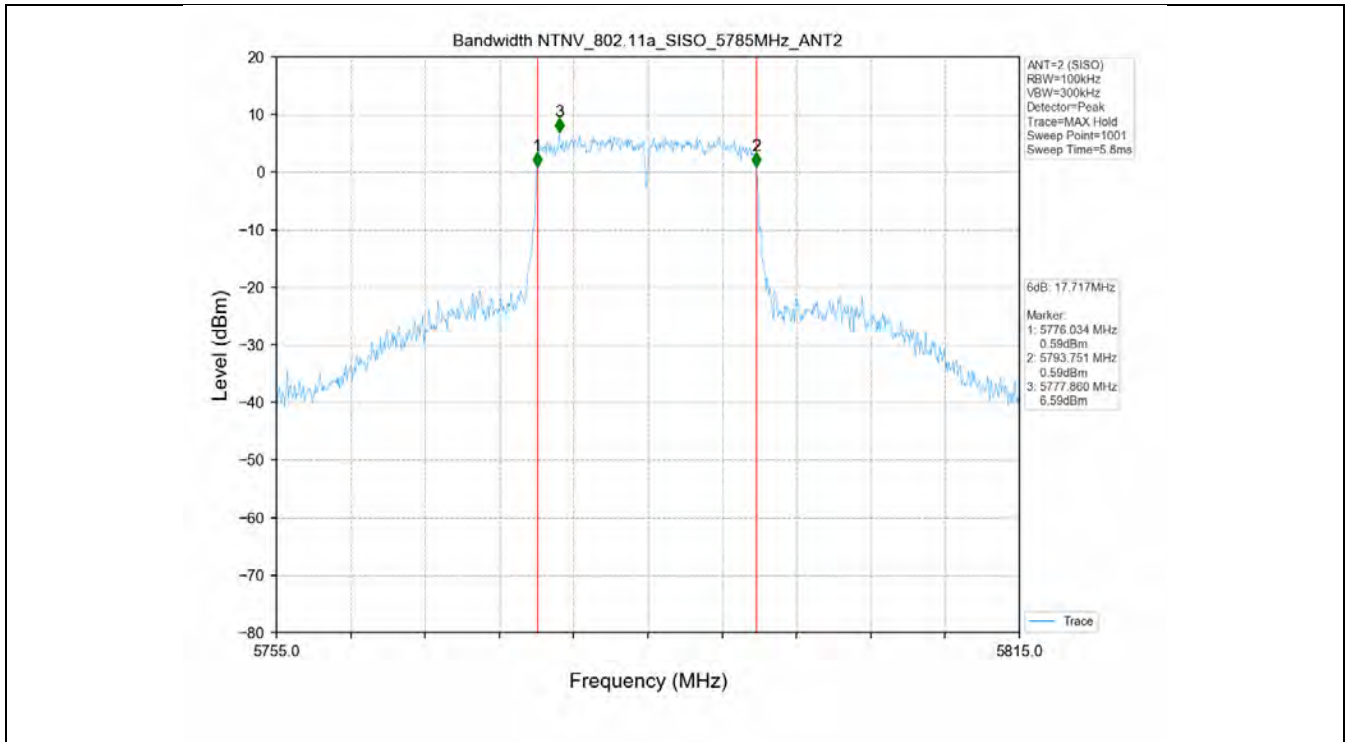


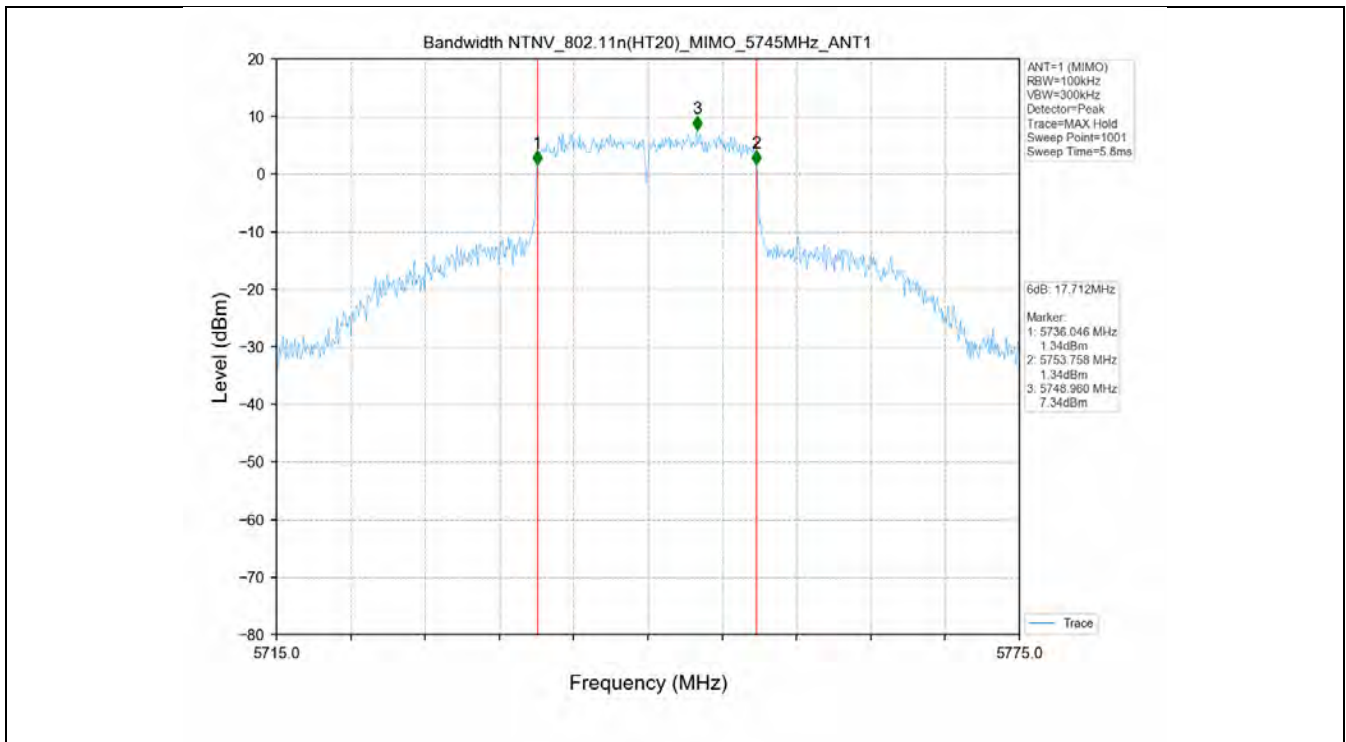
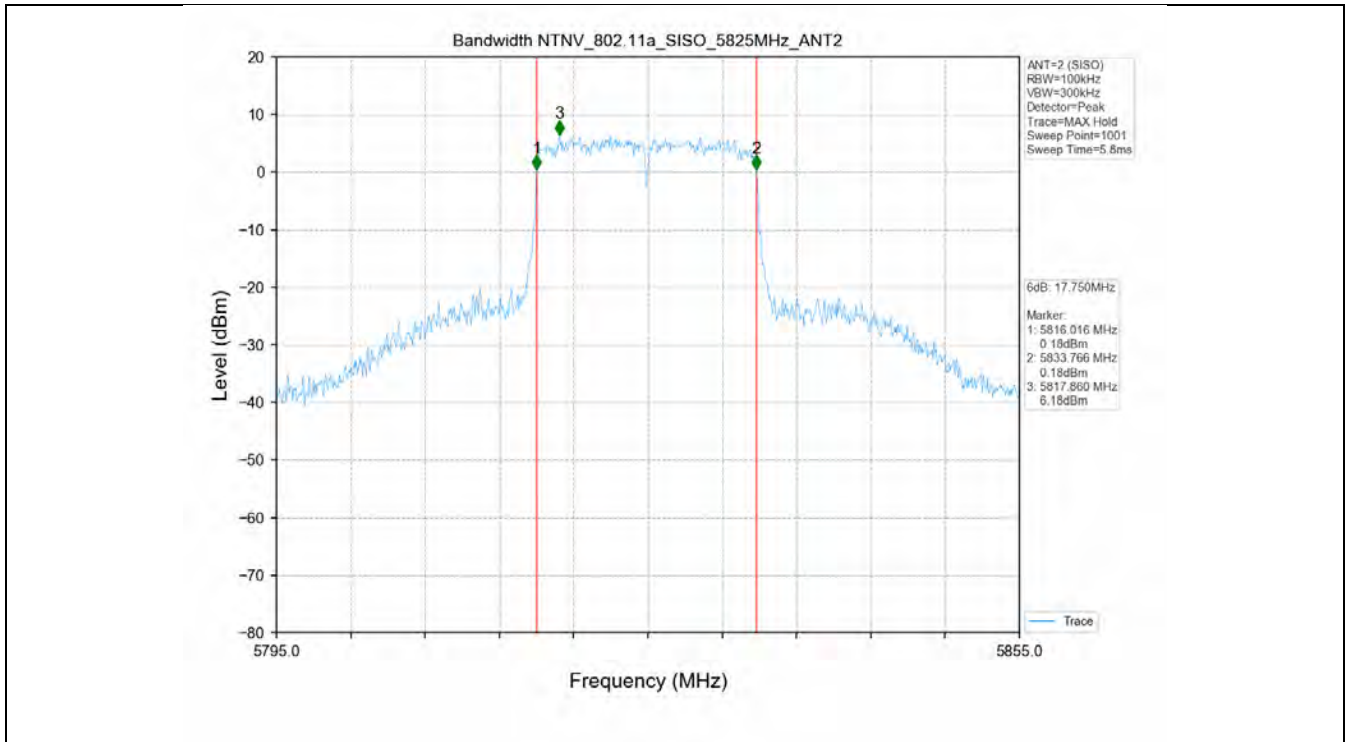


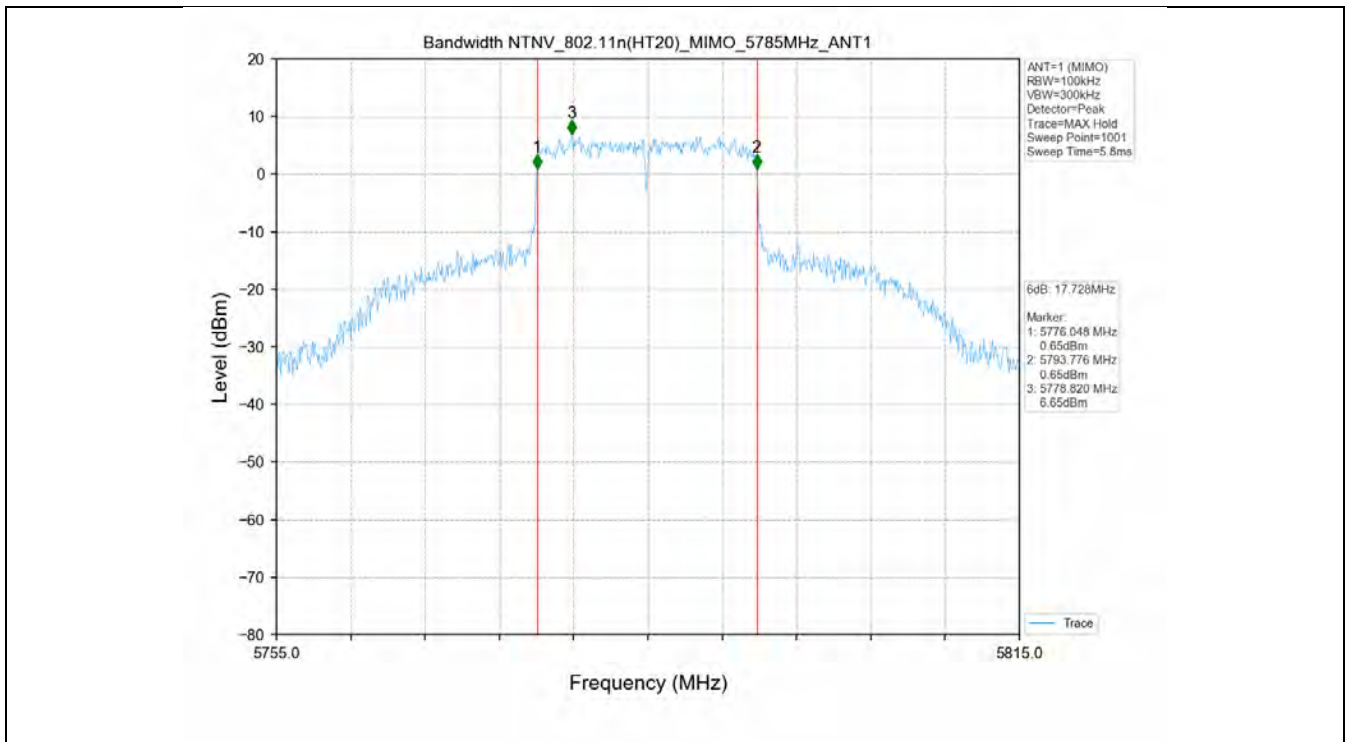
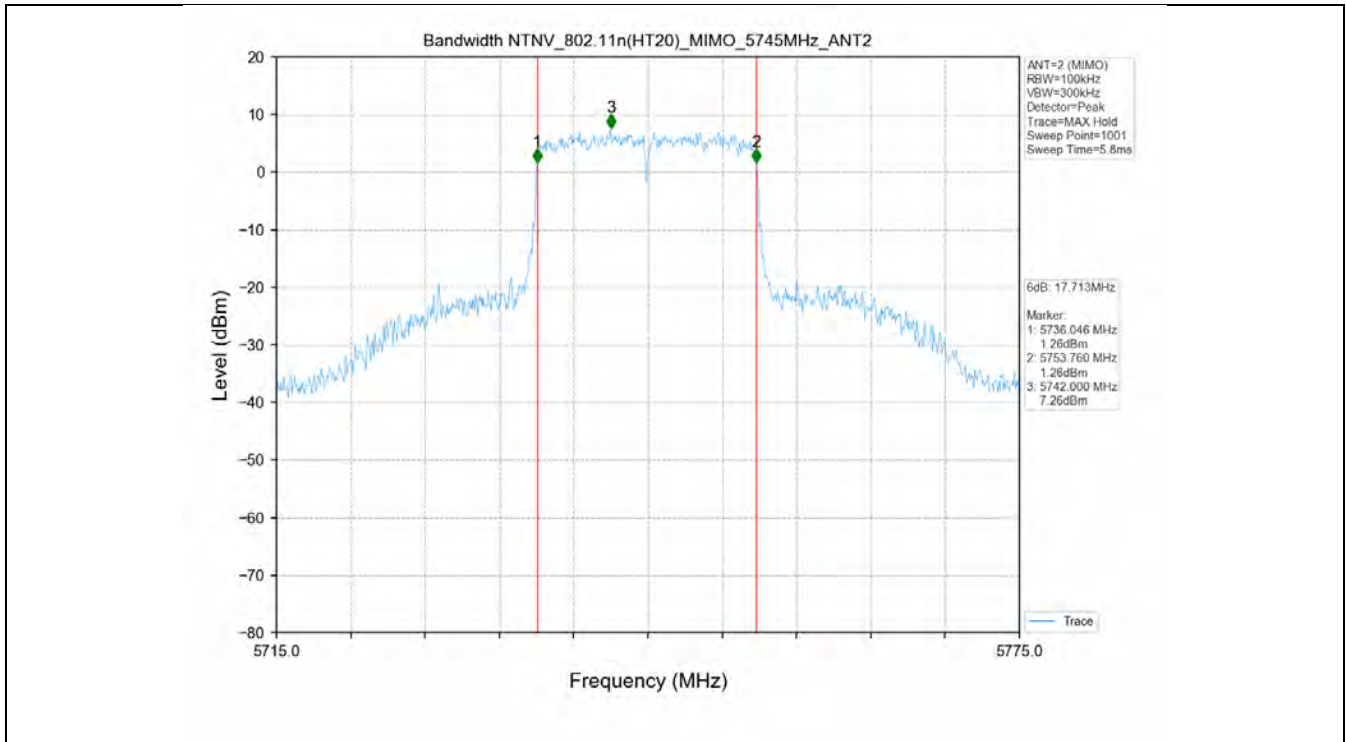


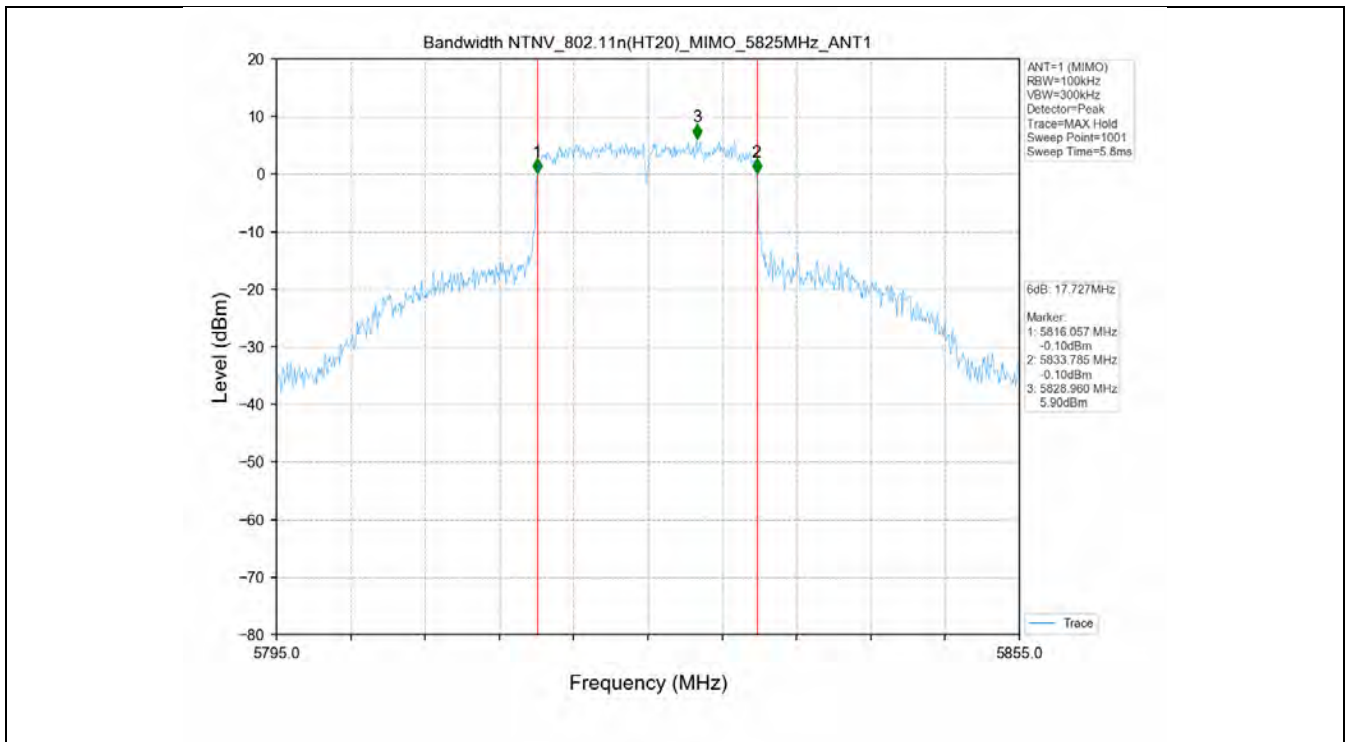
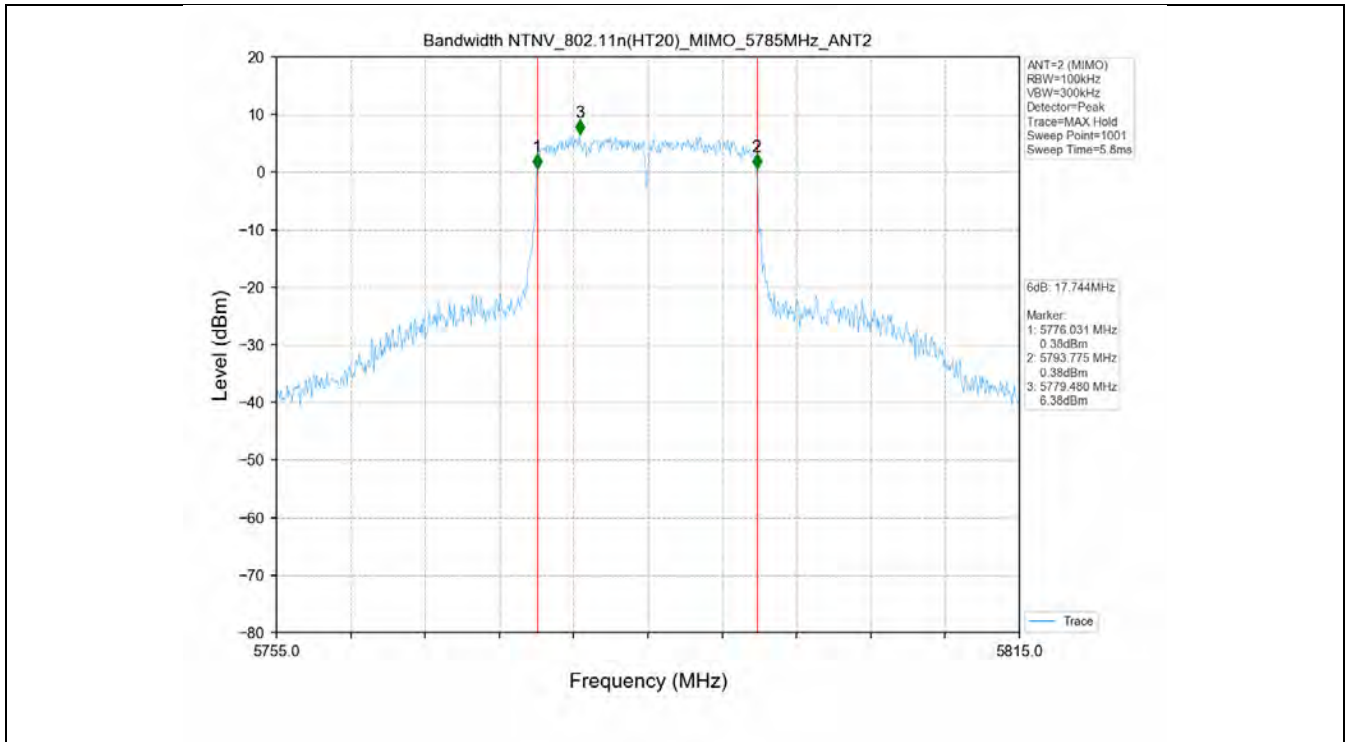


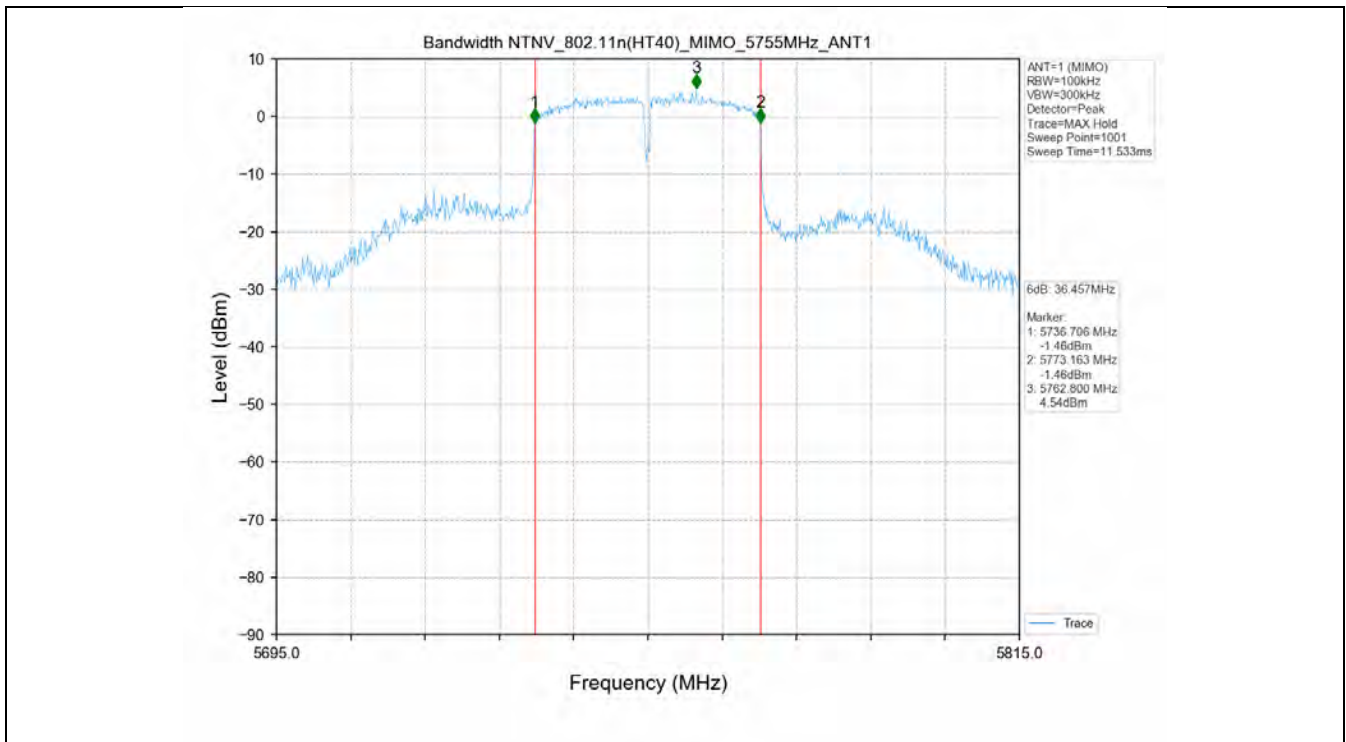
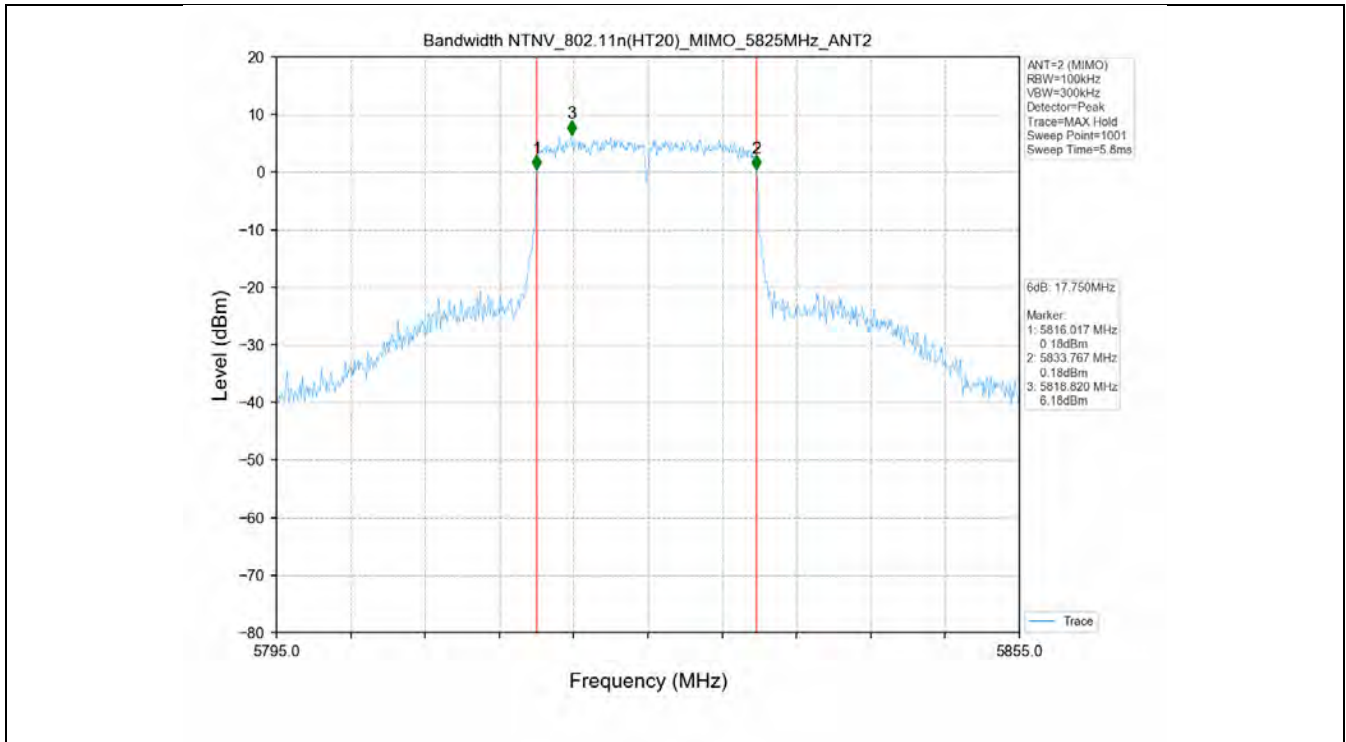


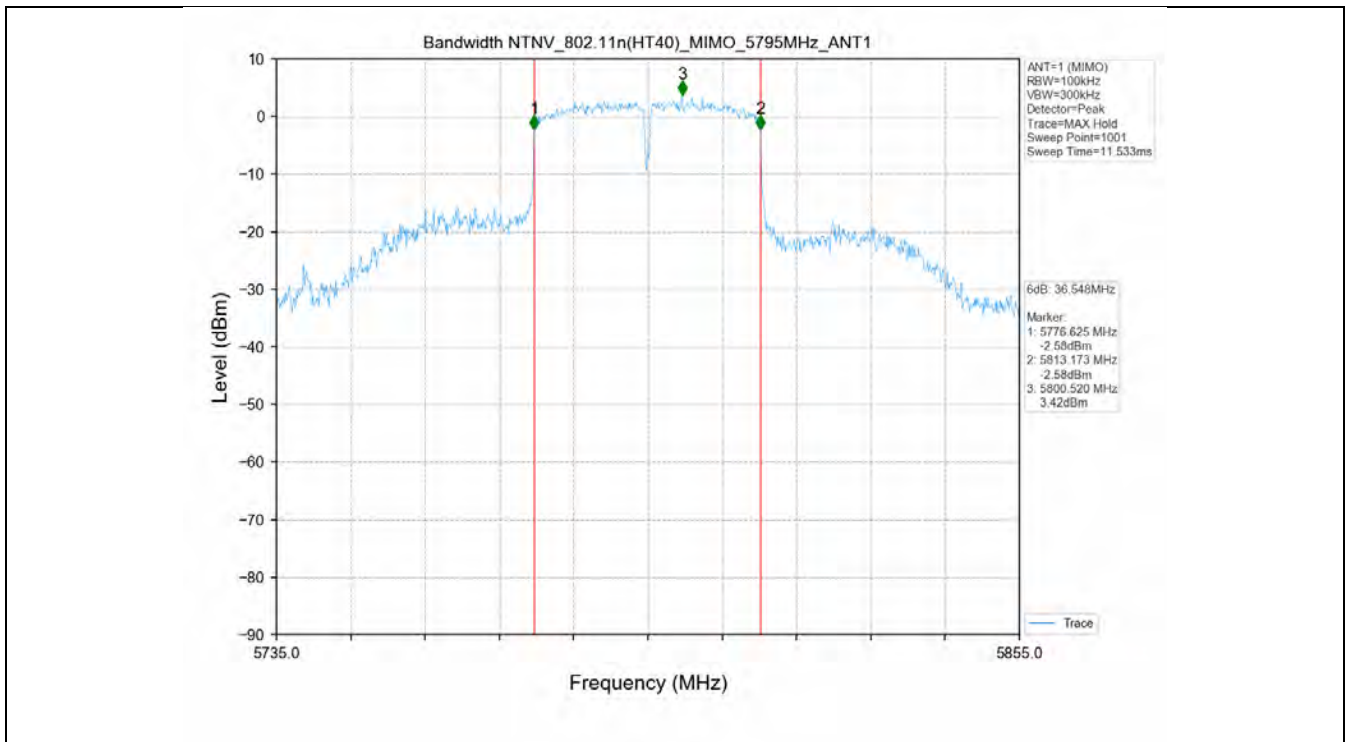
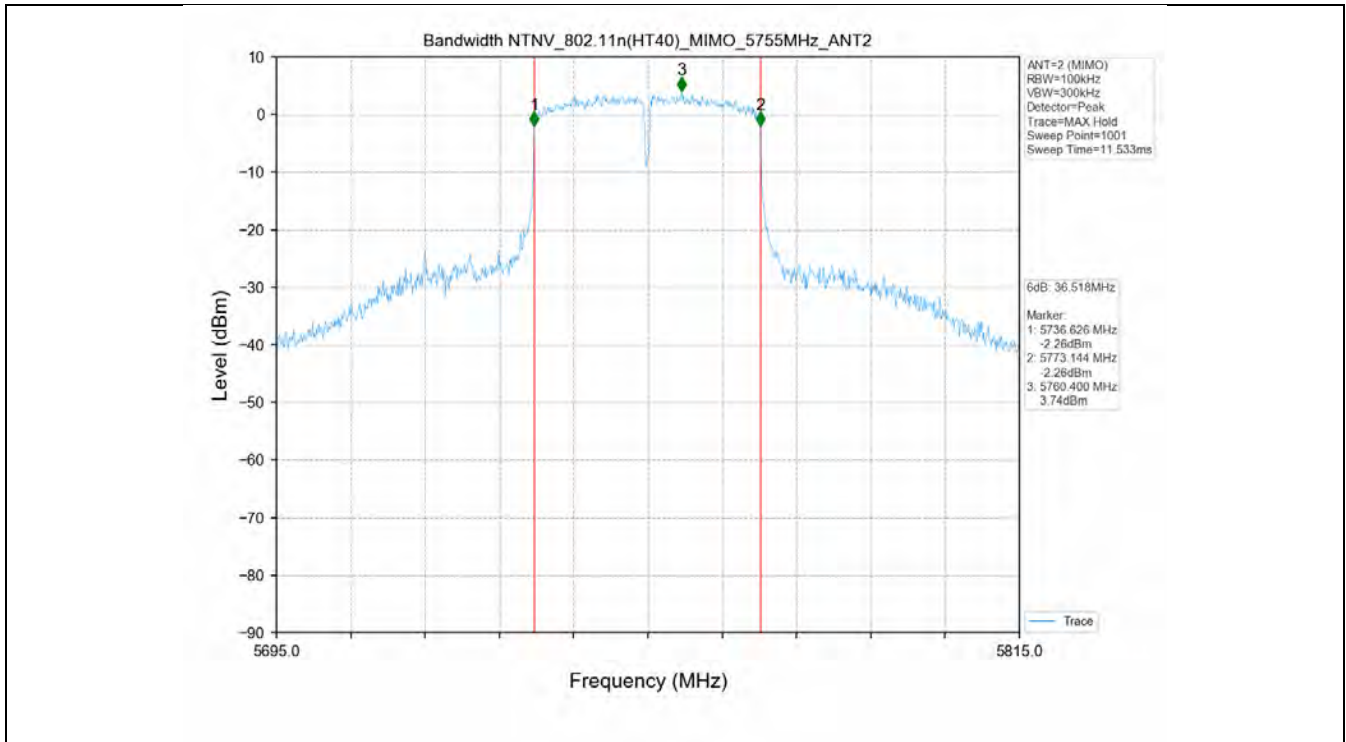


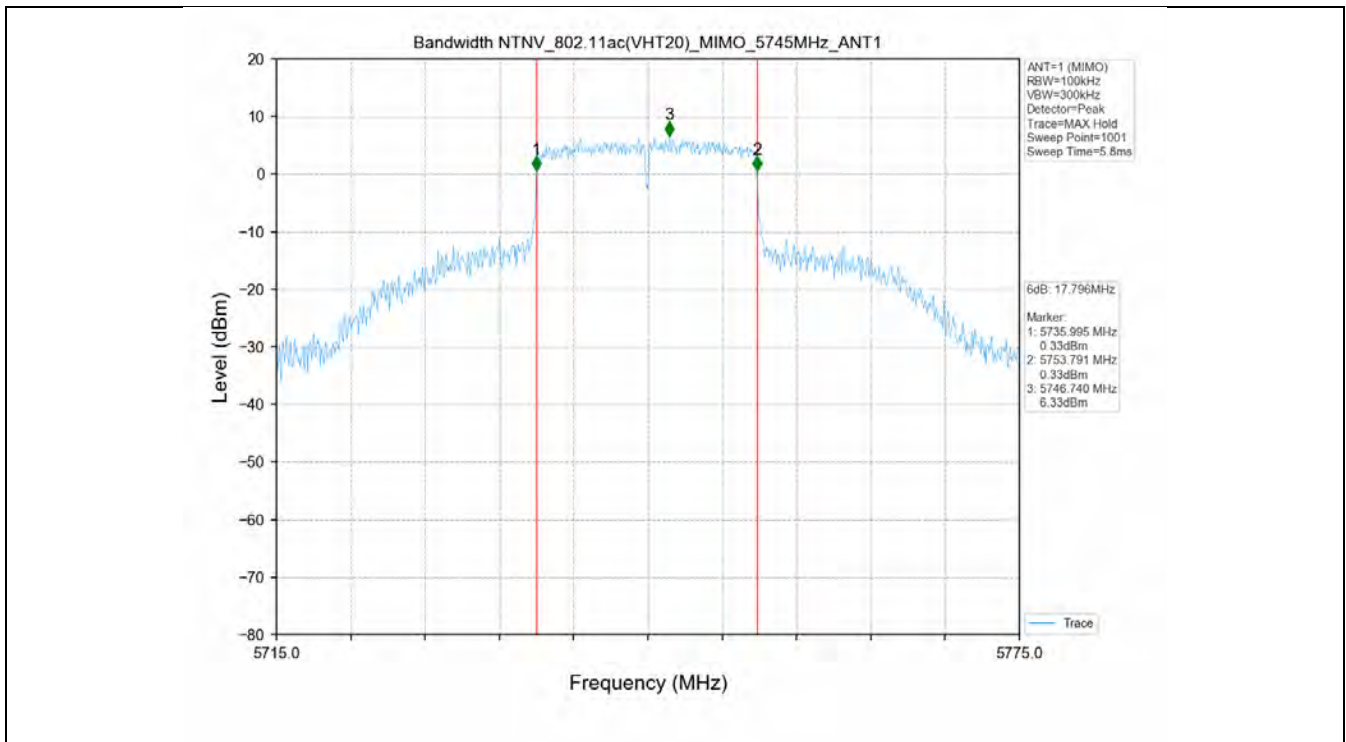
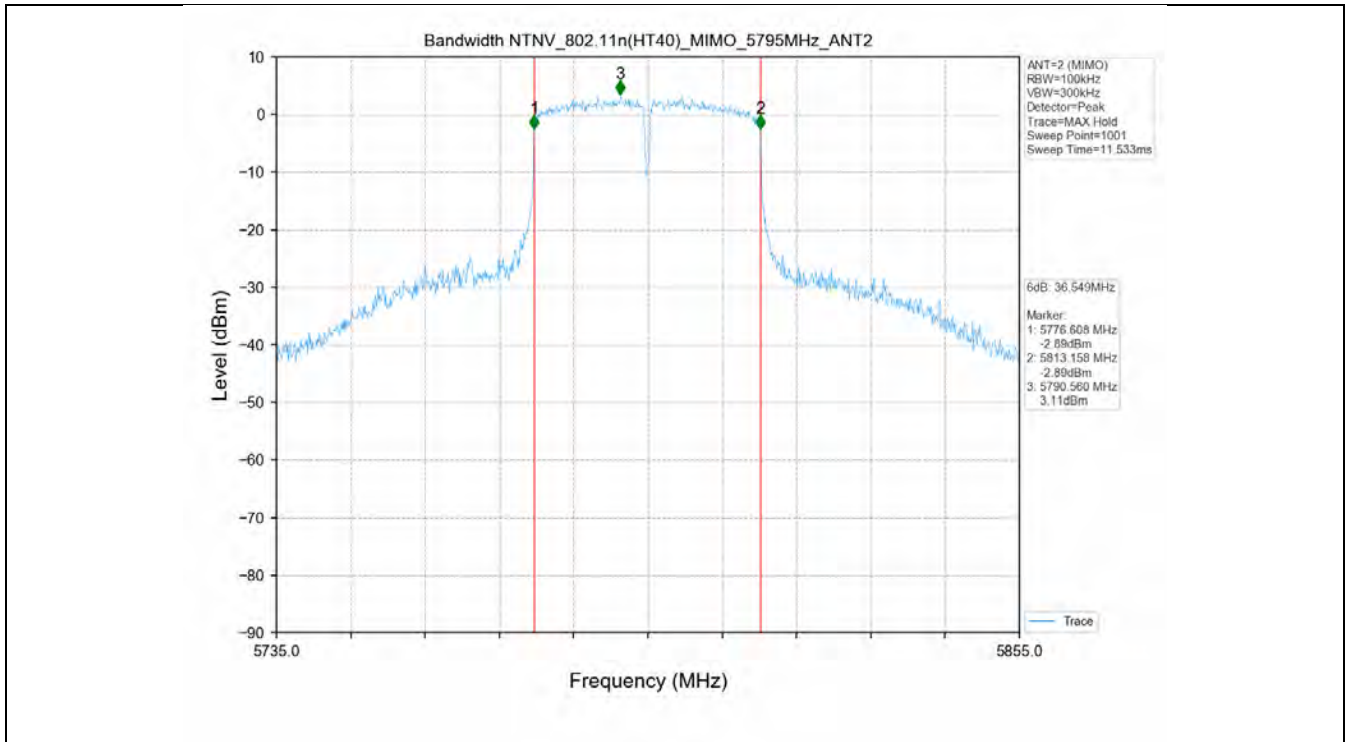


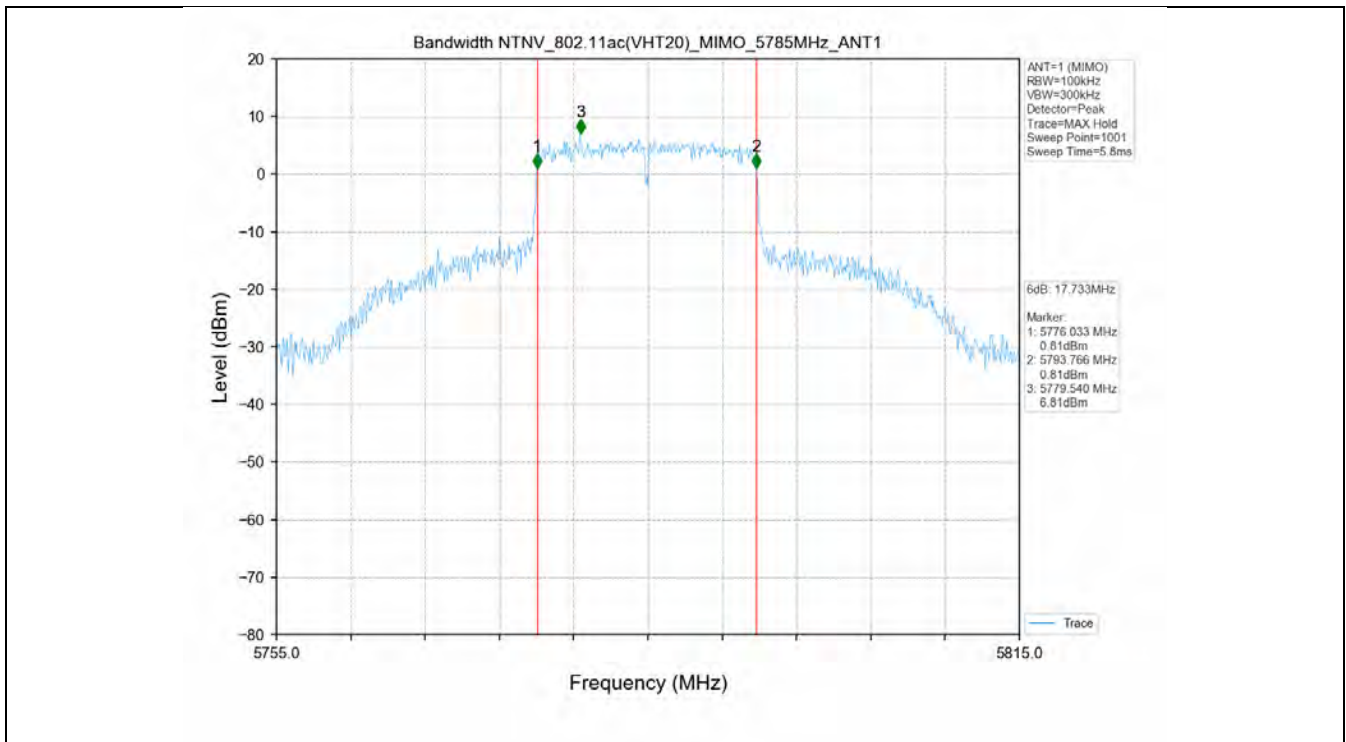
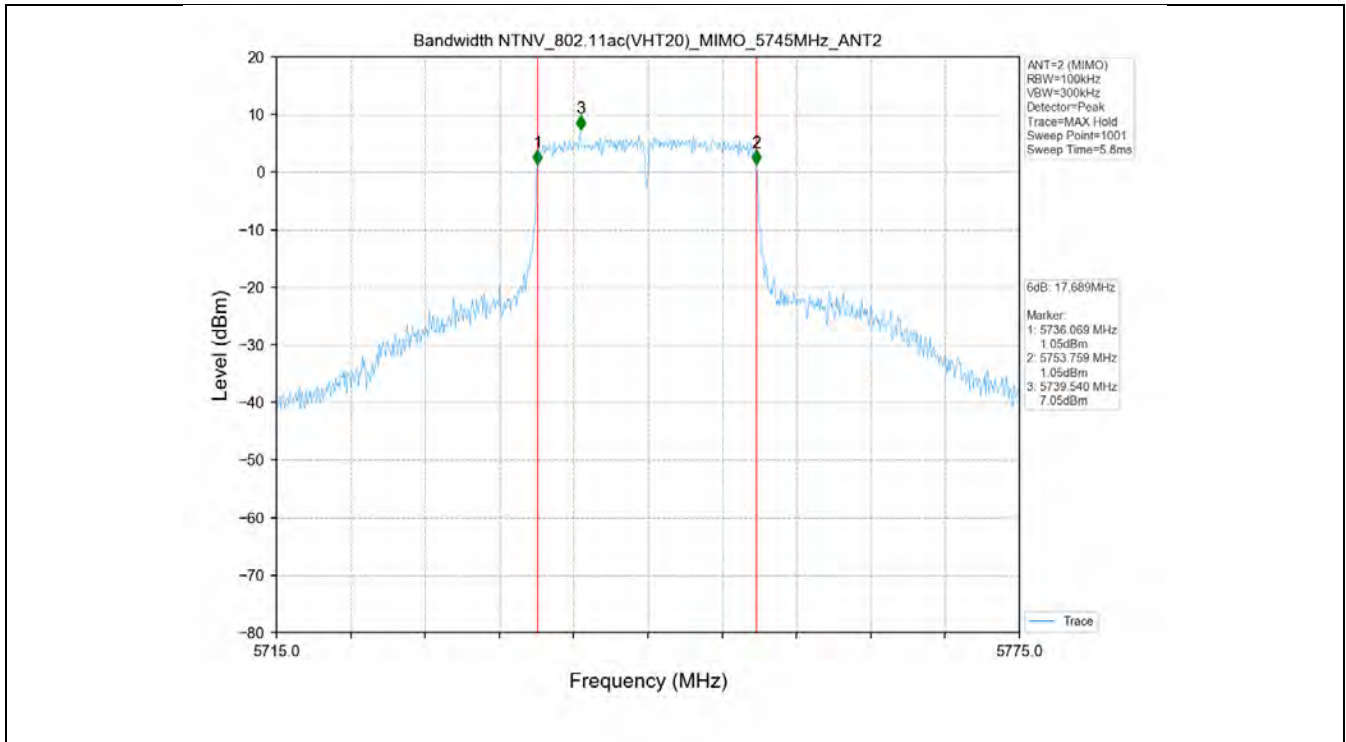


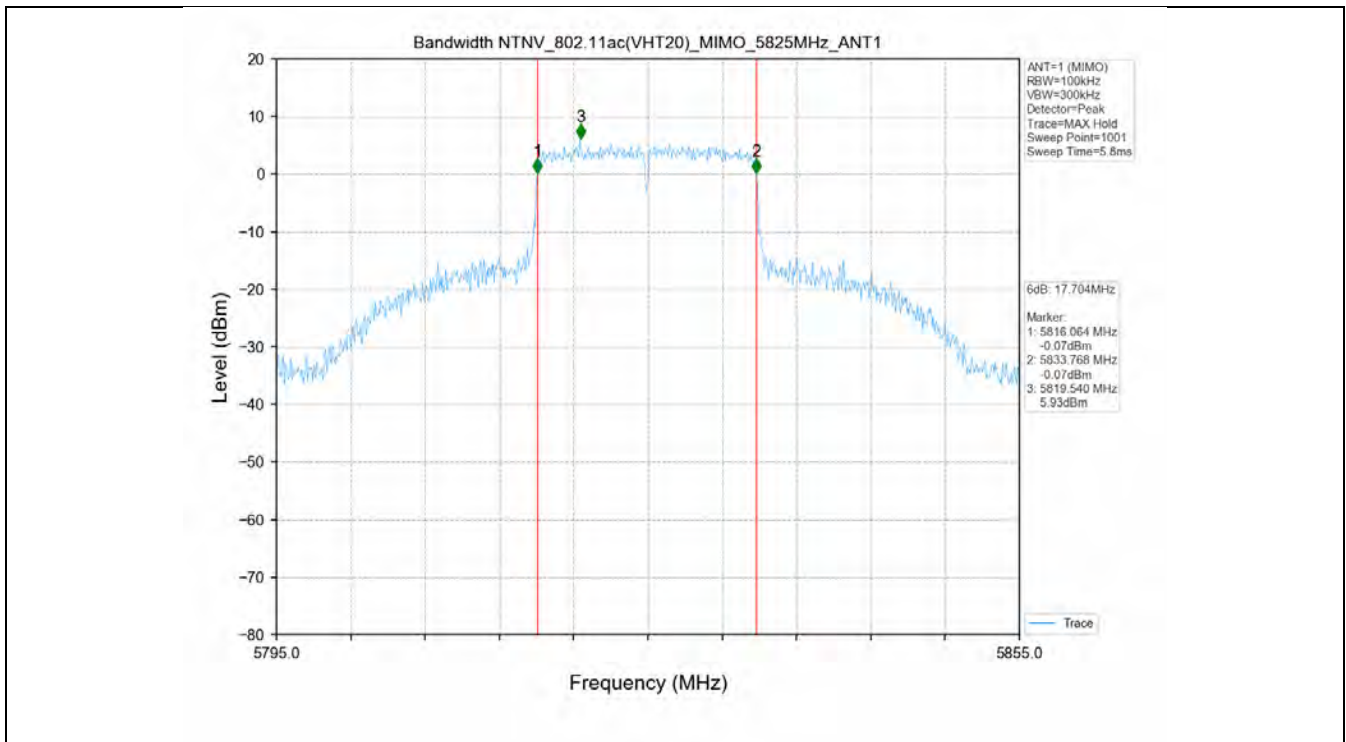
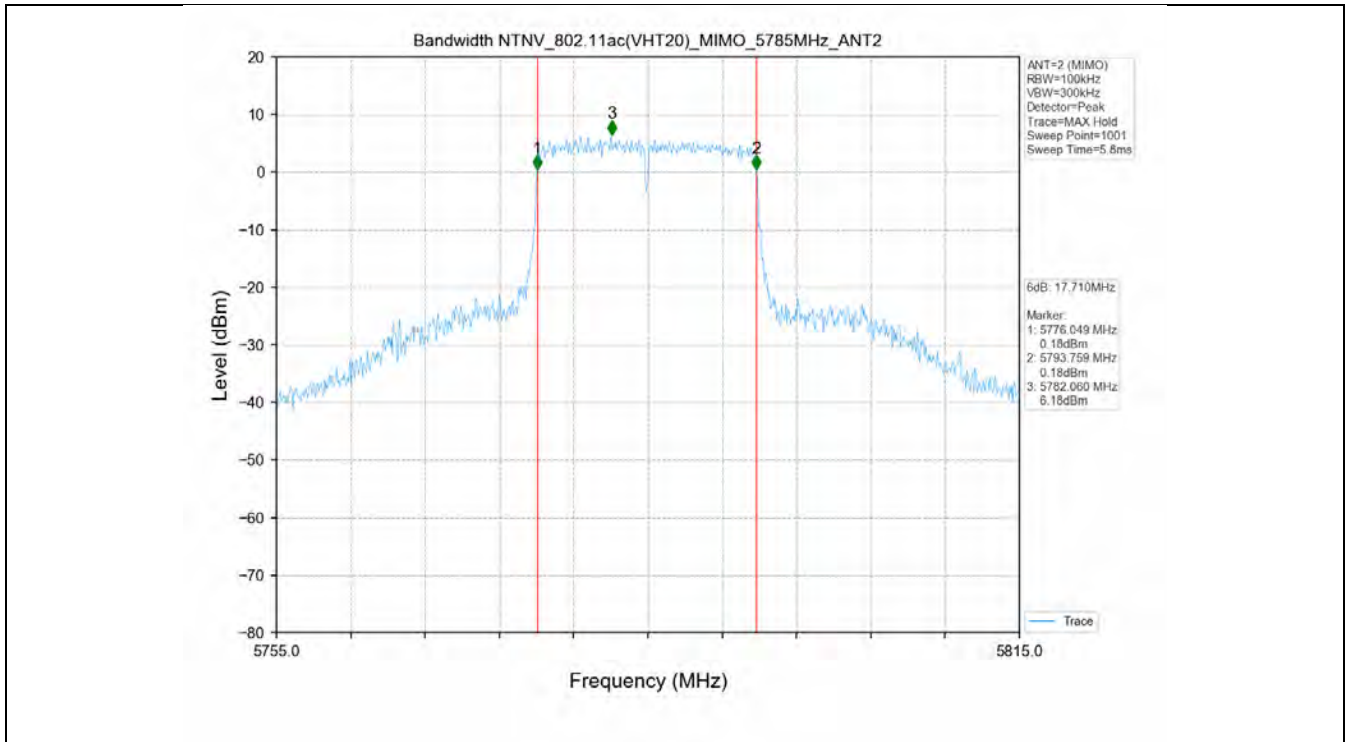


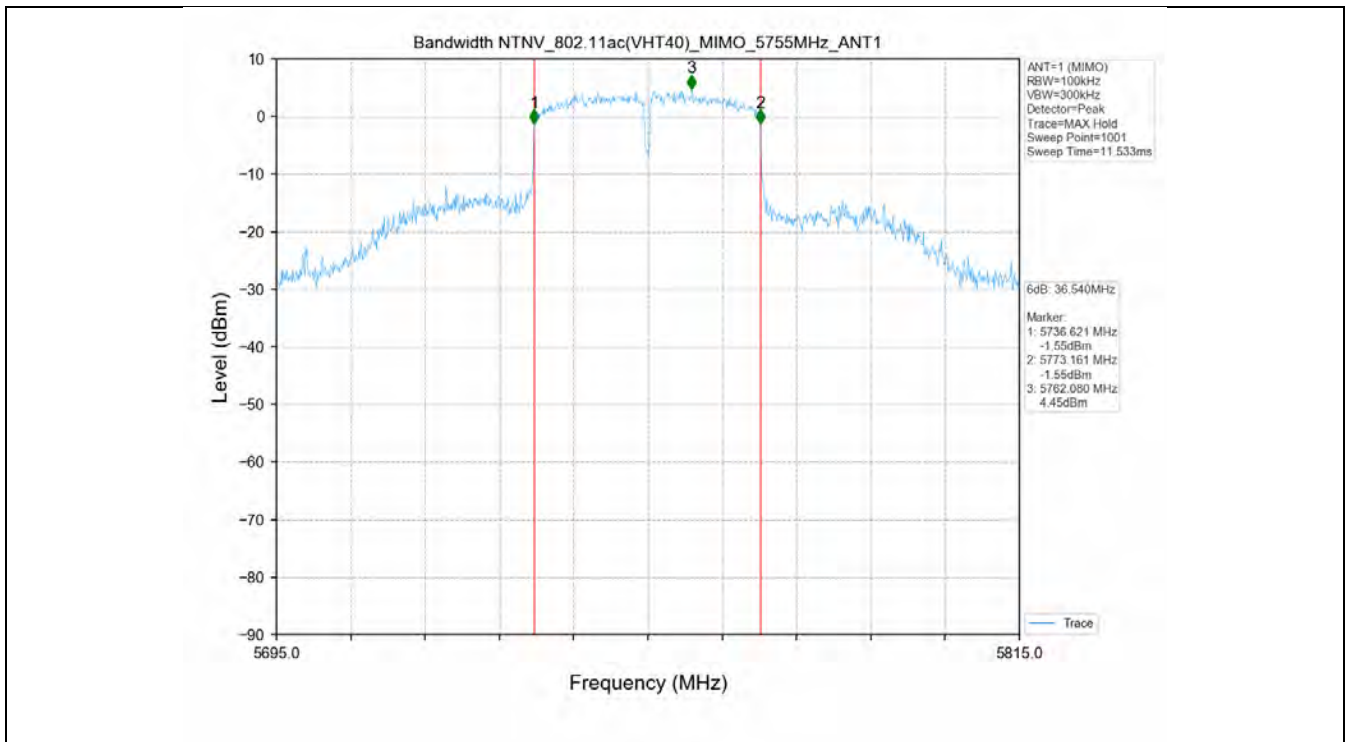
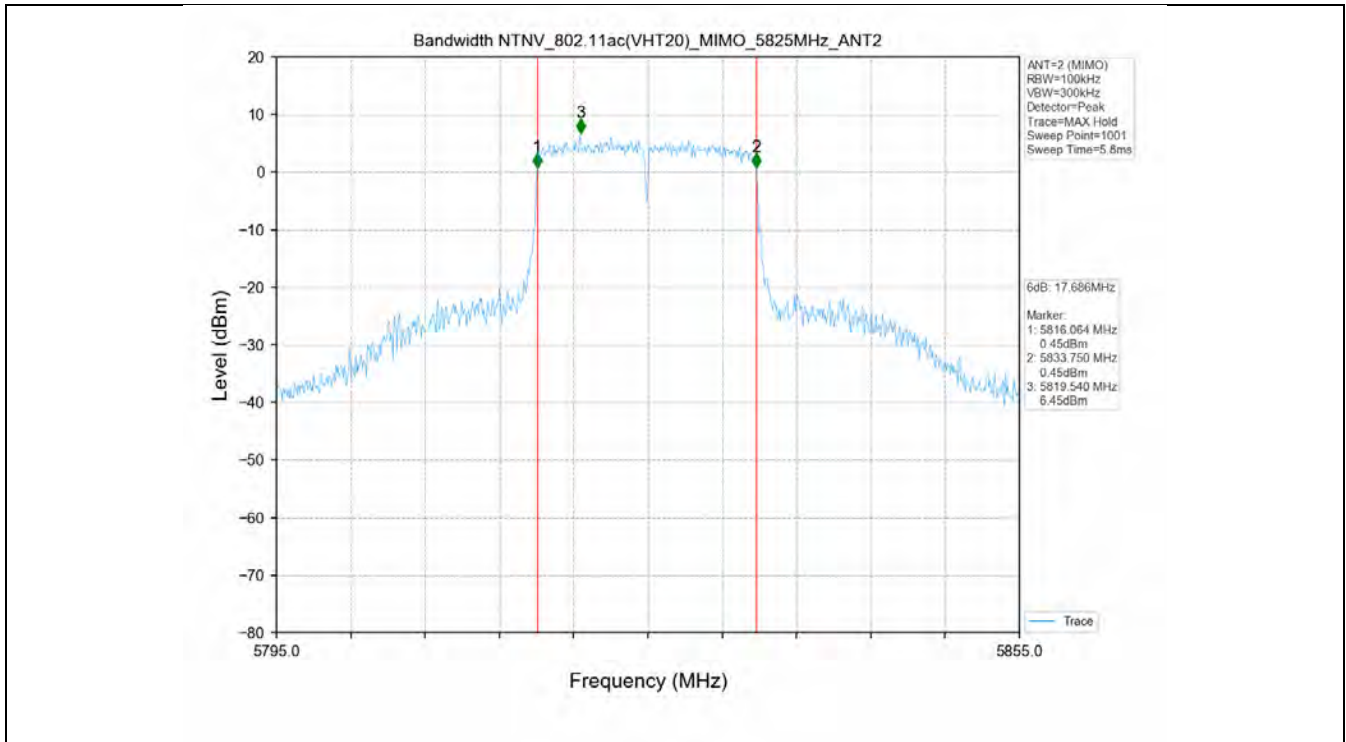


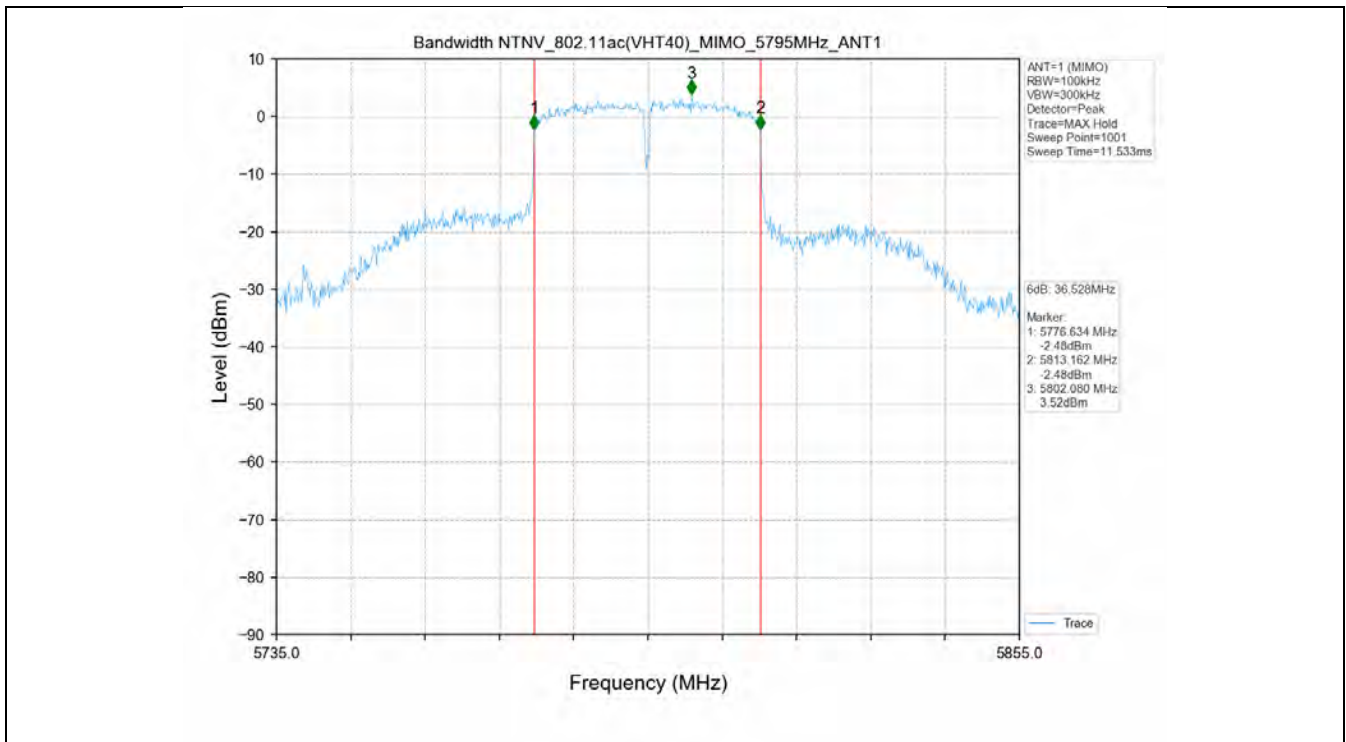
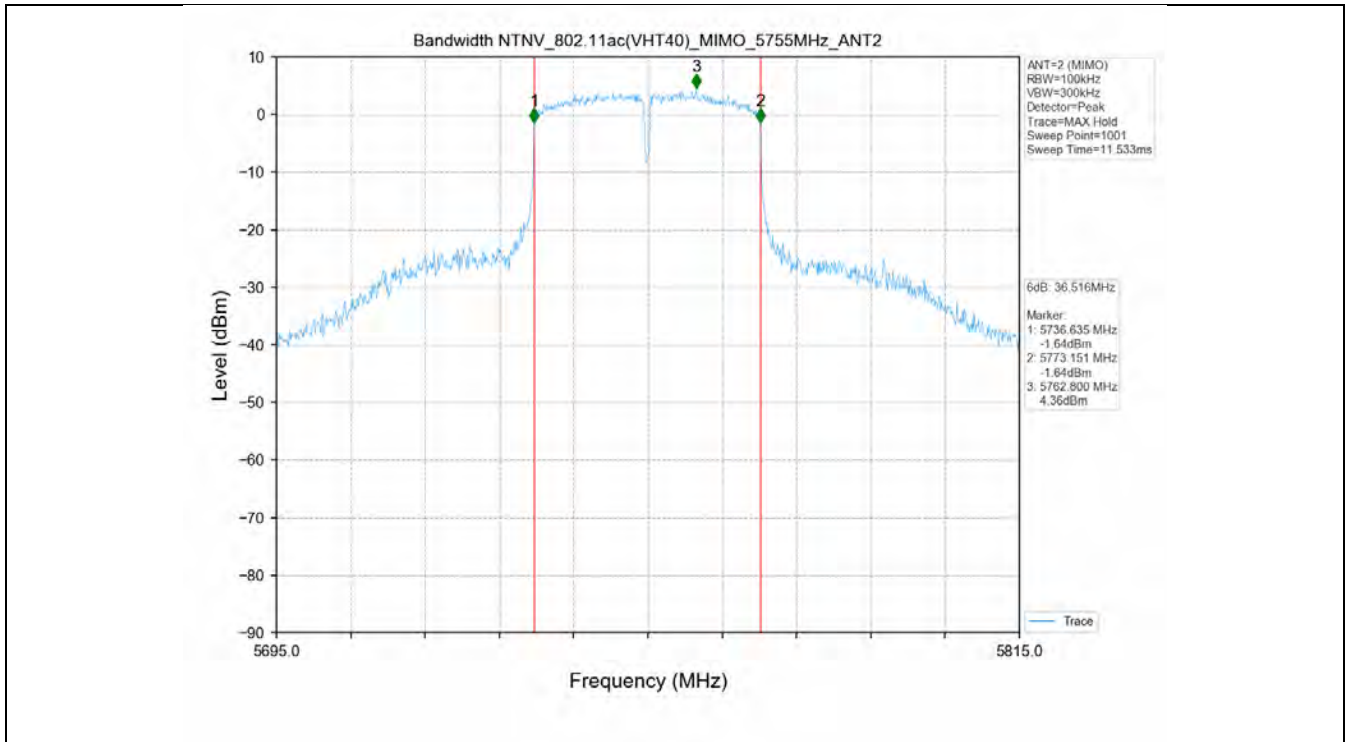


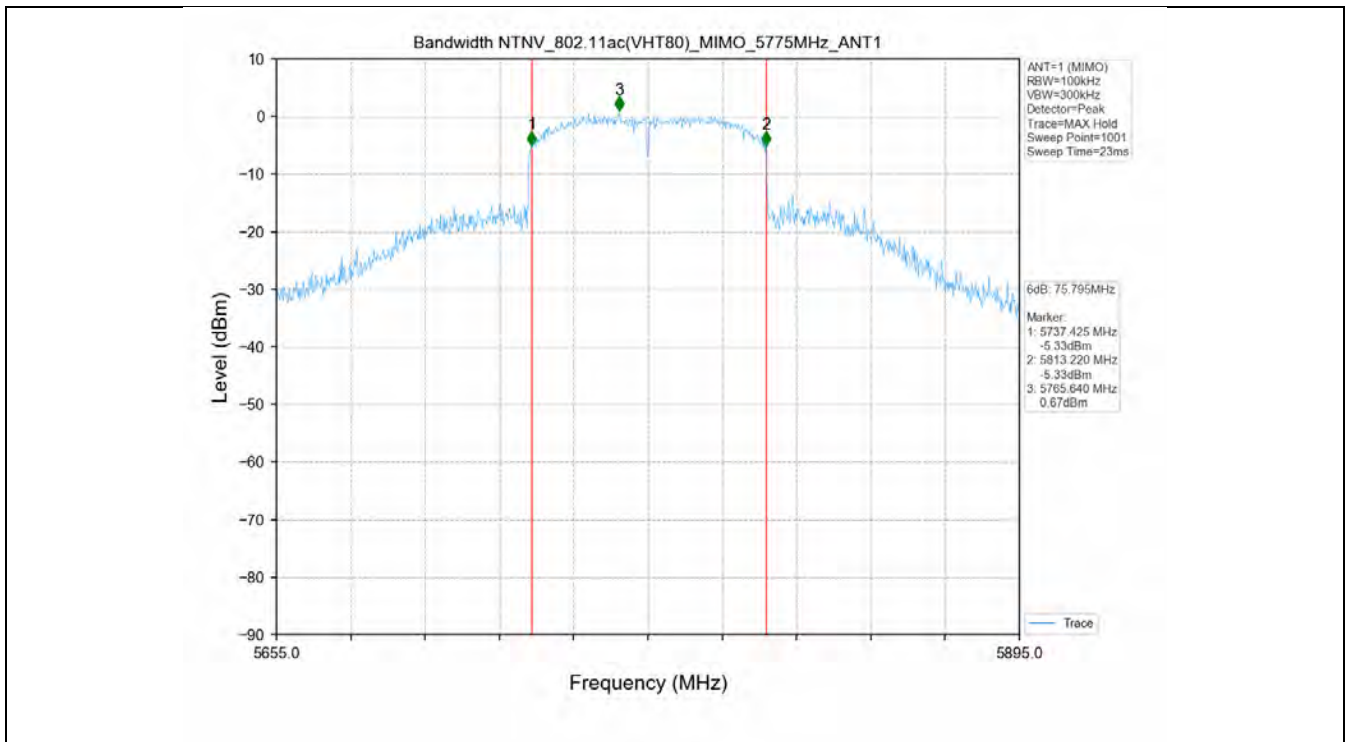
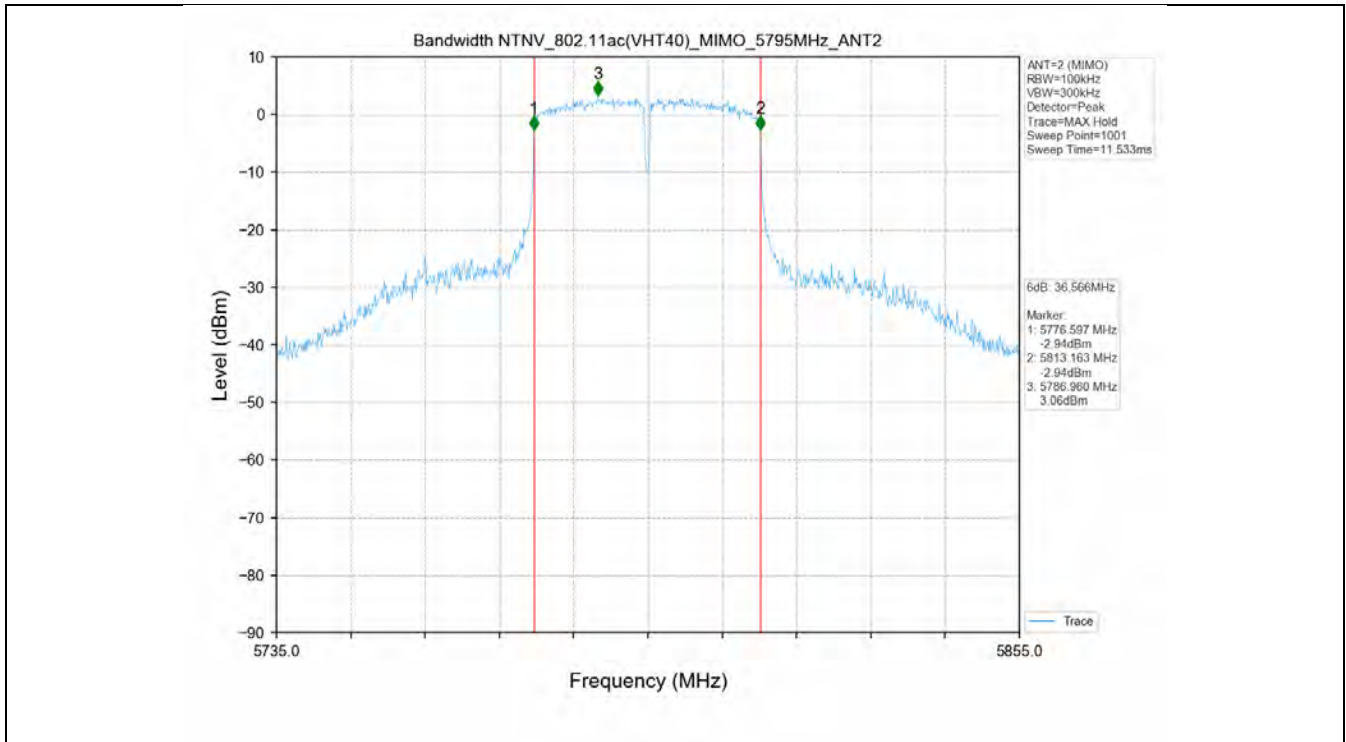


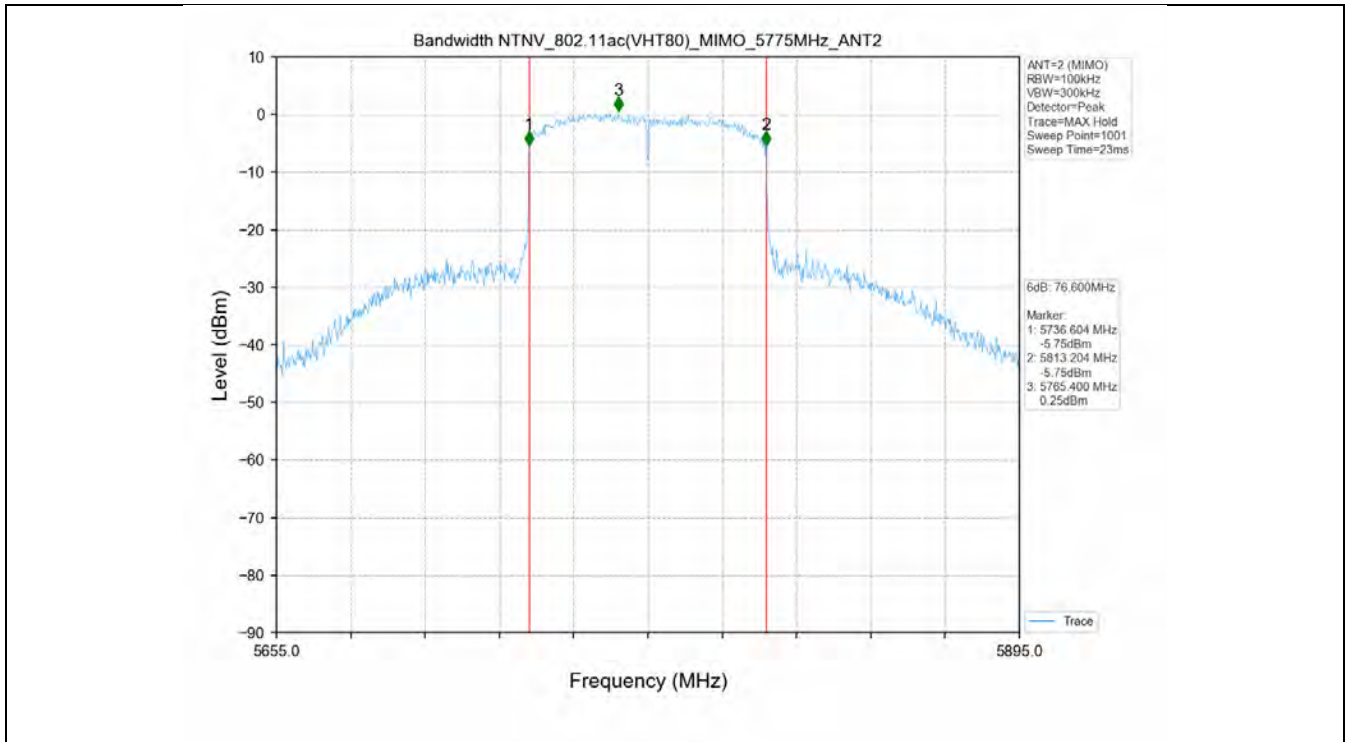




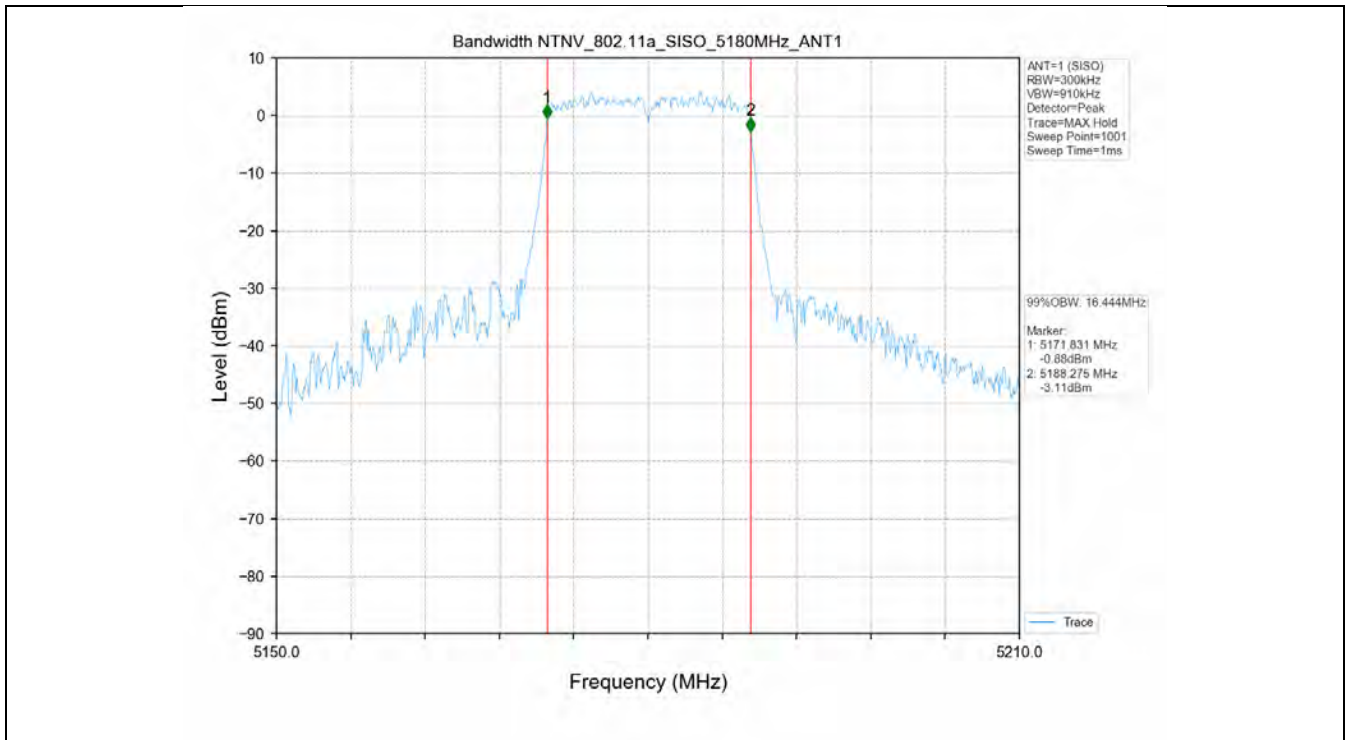


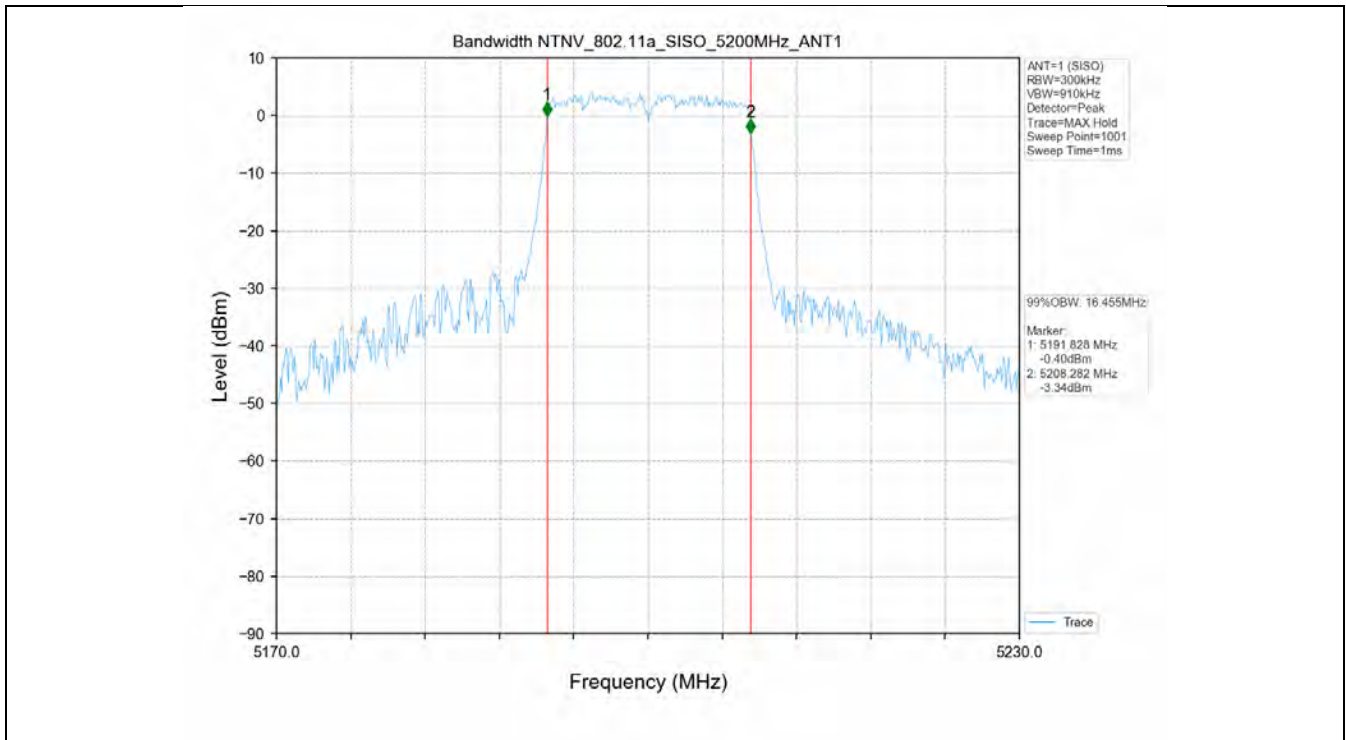
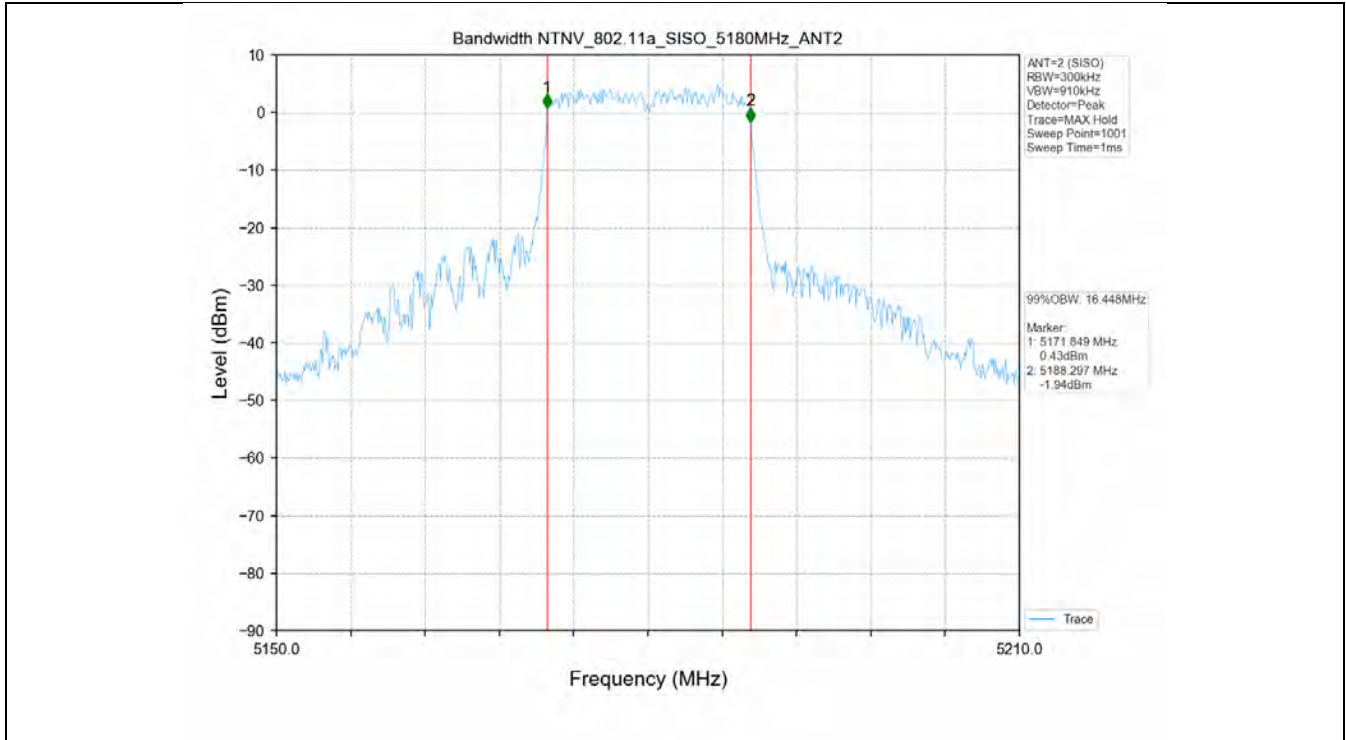


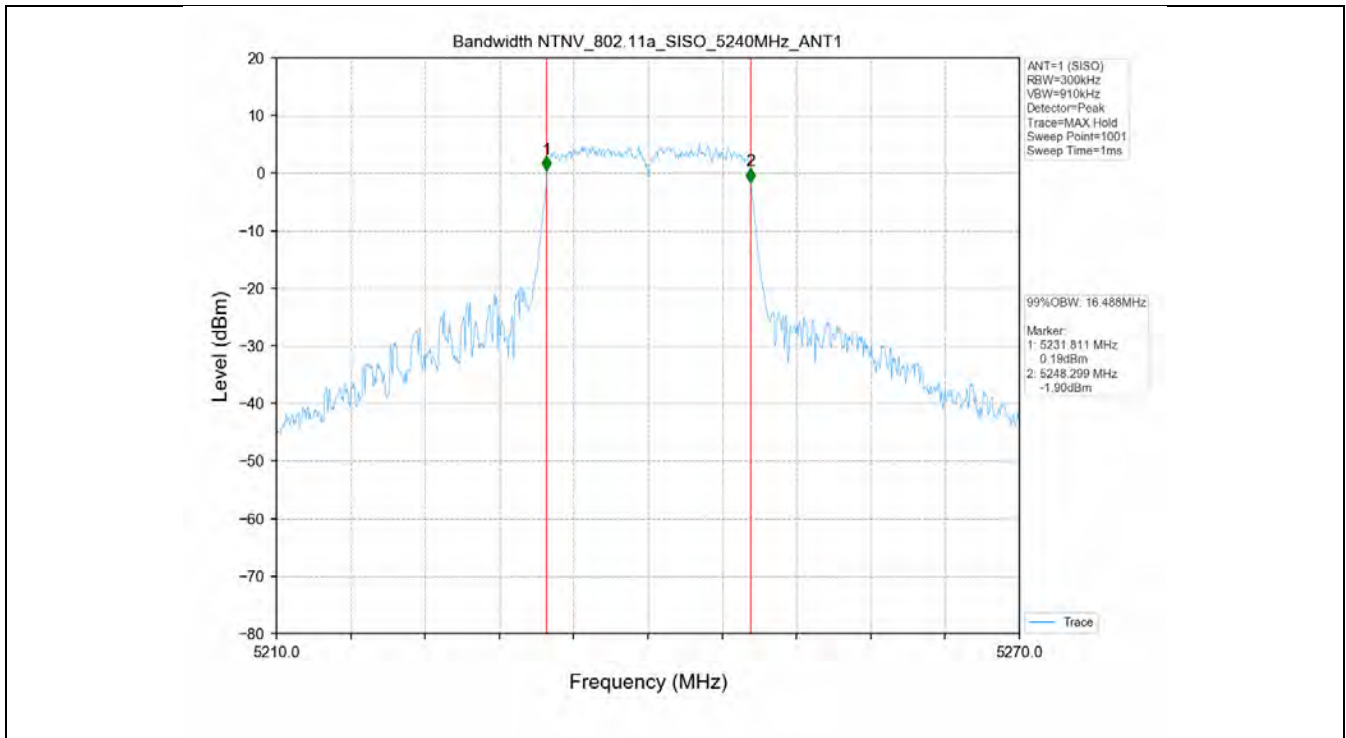
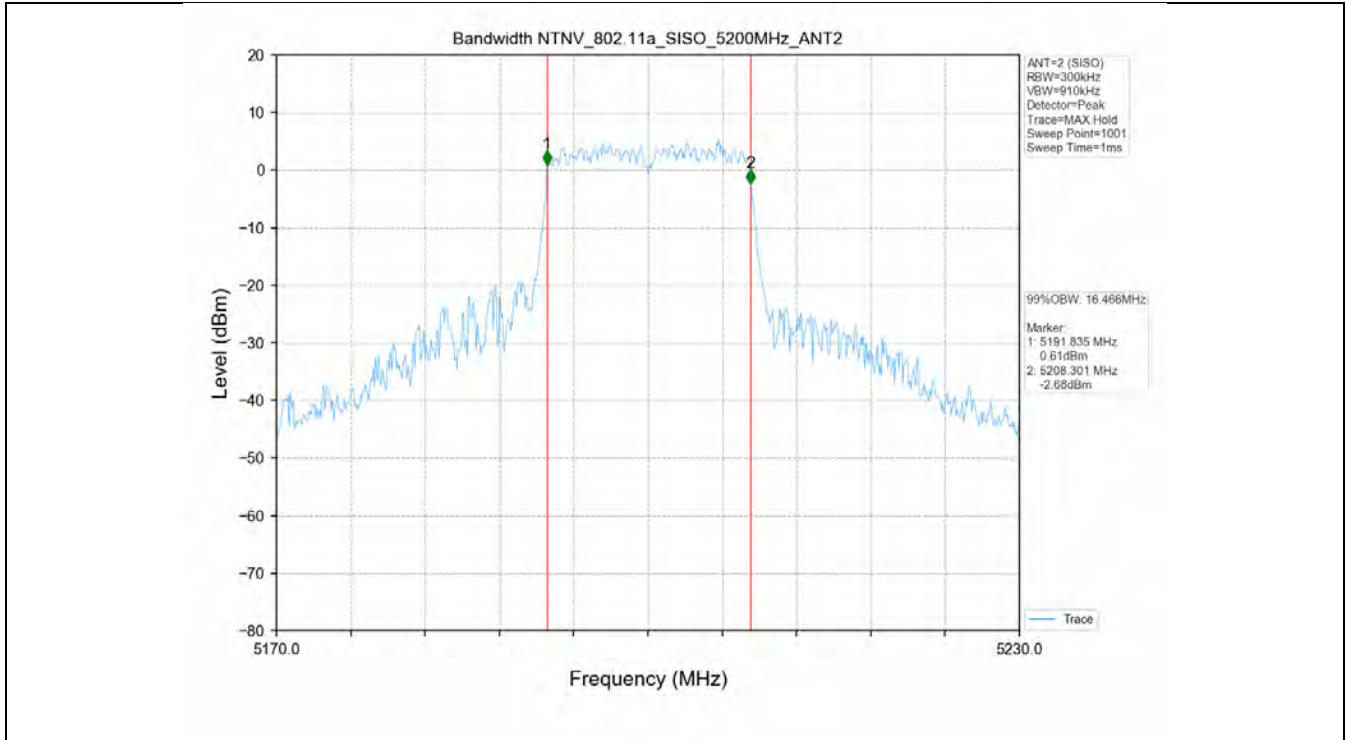


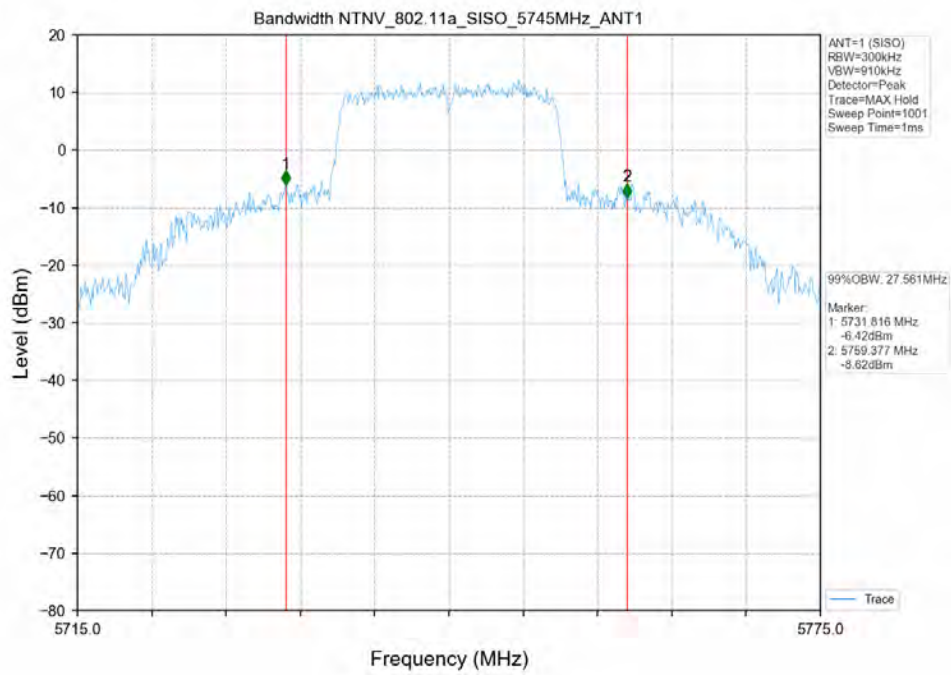
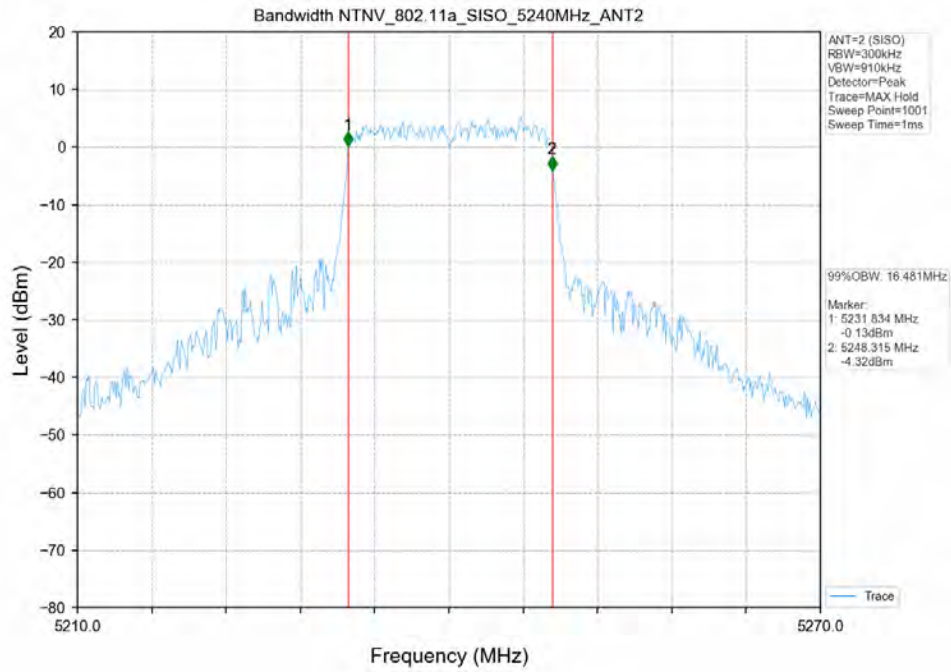


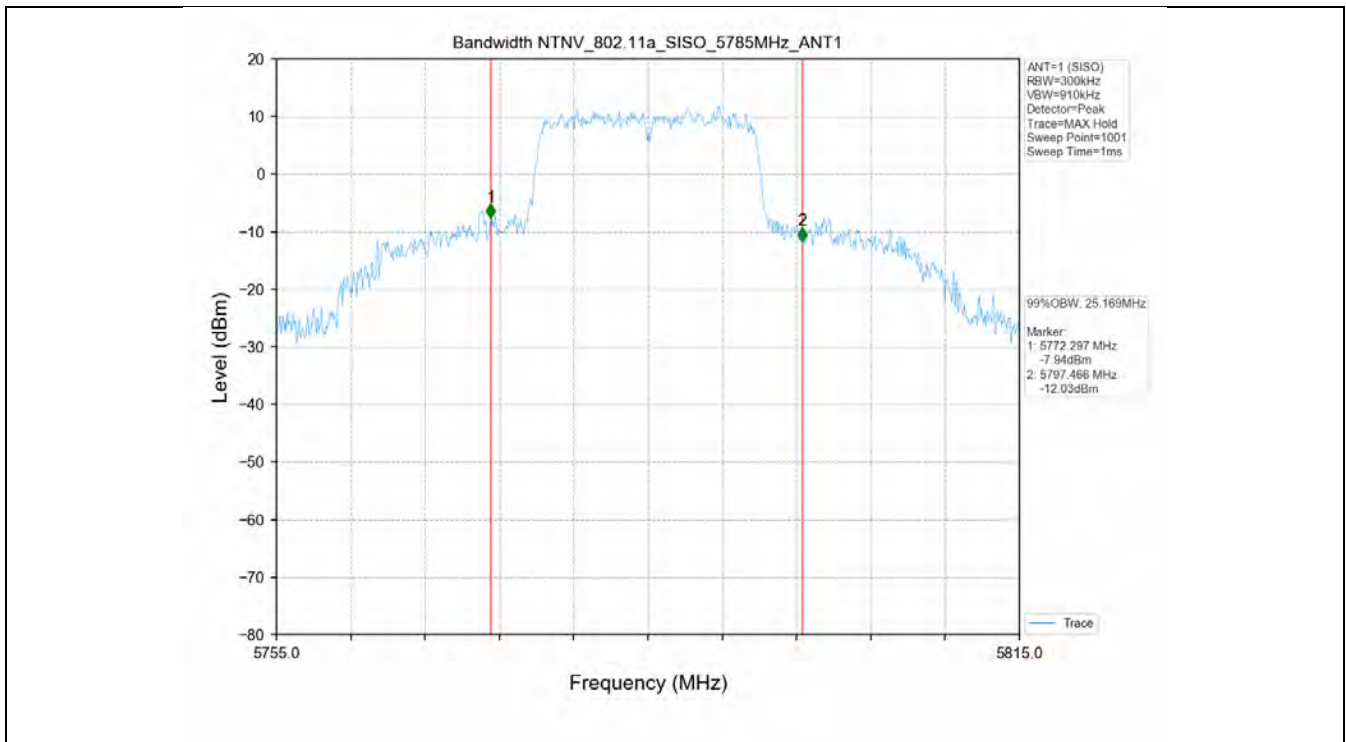
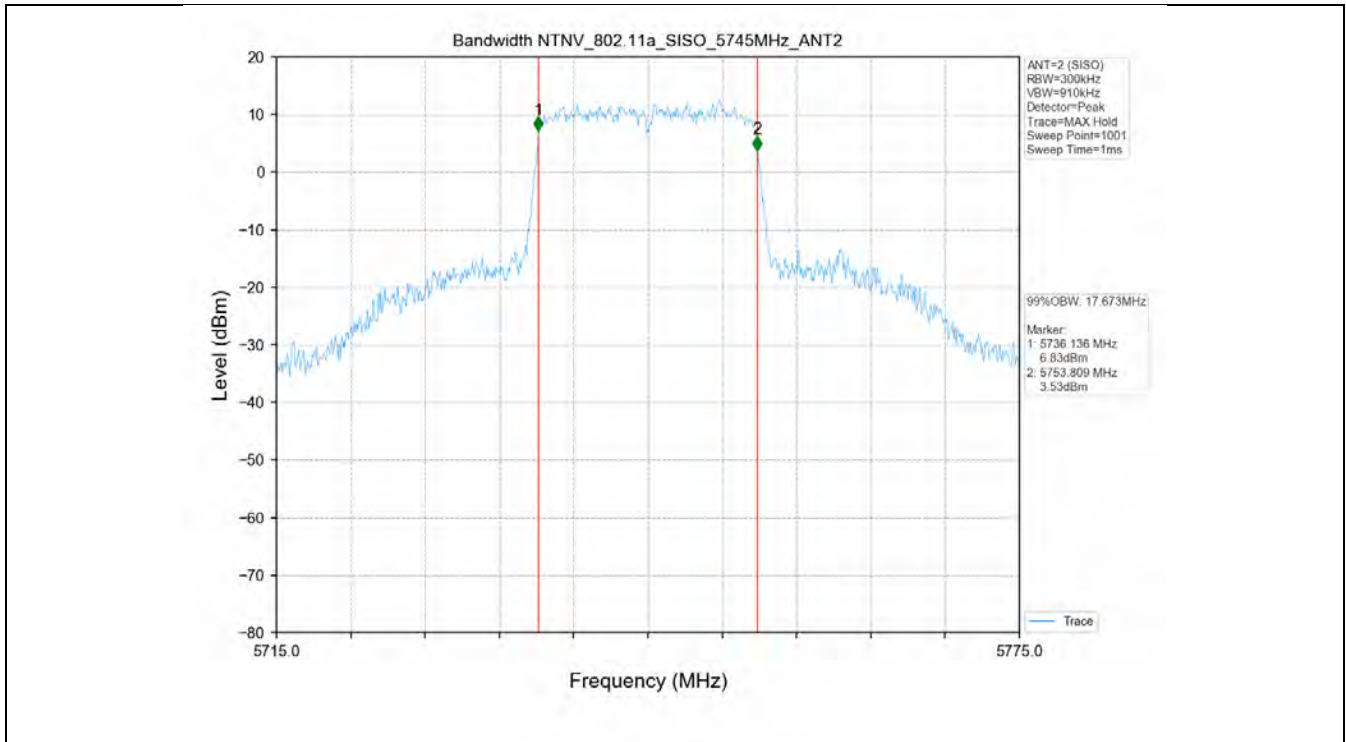
2.3 Test Graph - 99% Occupied Bandwidth

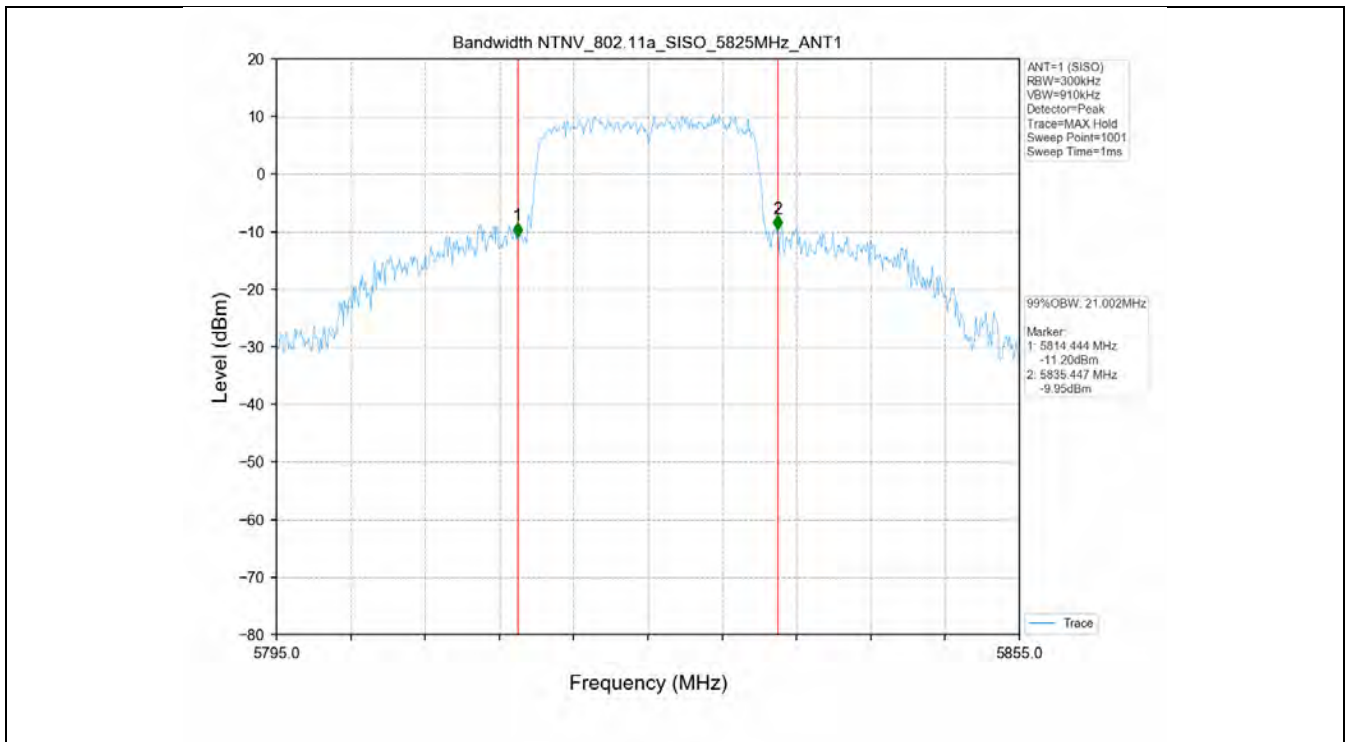
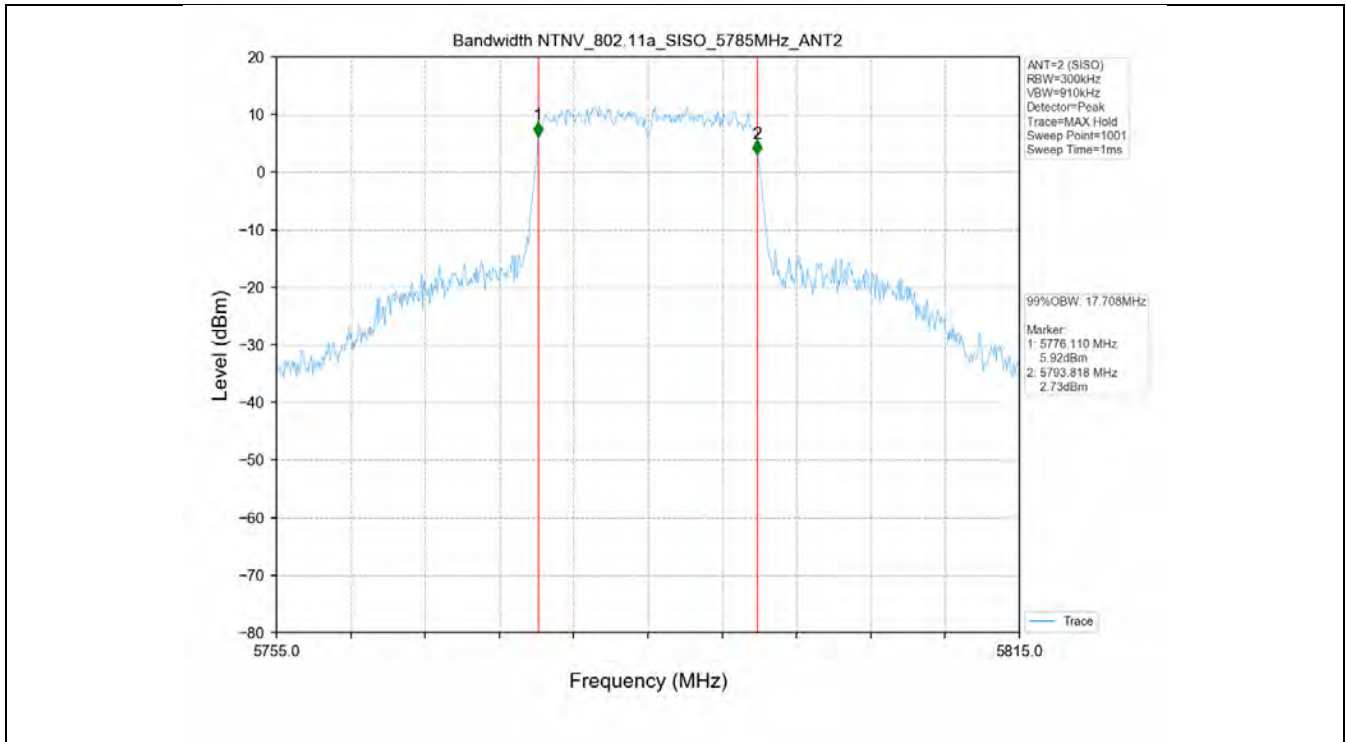


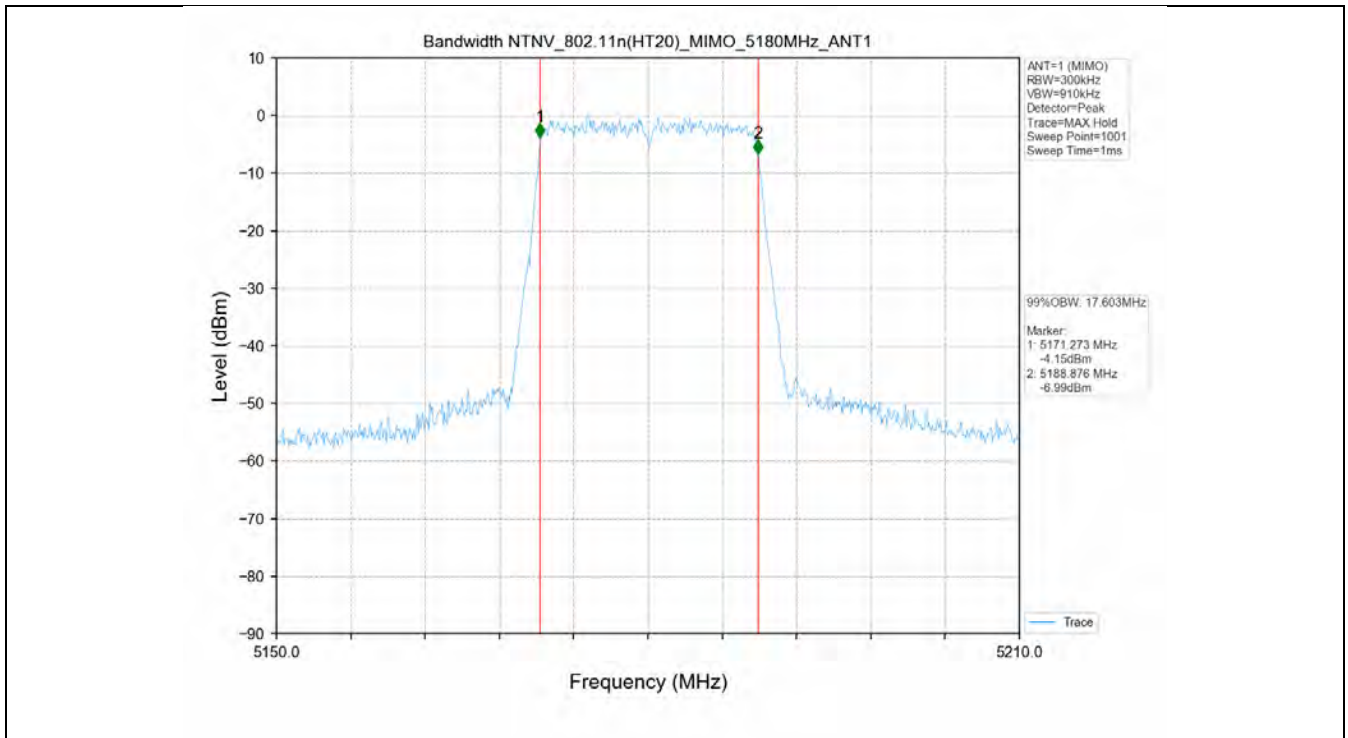
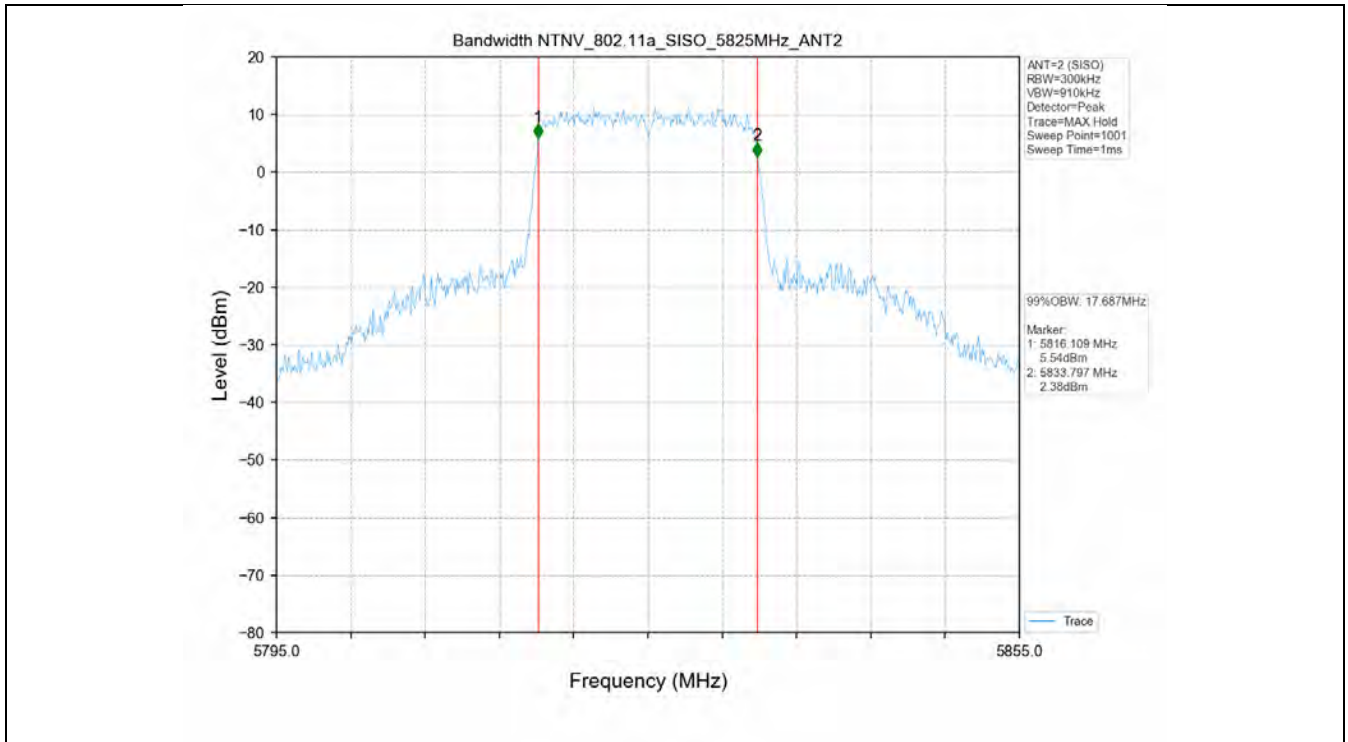


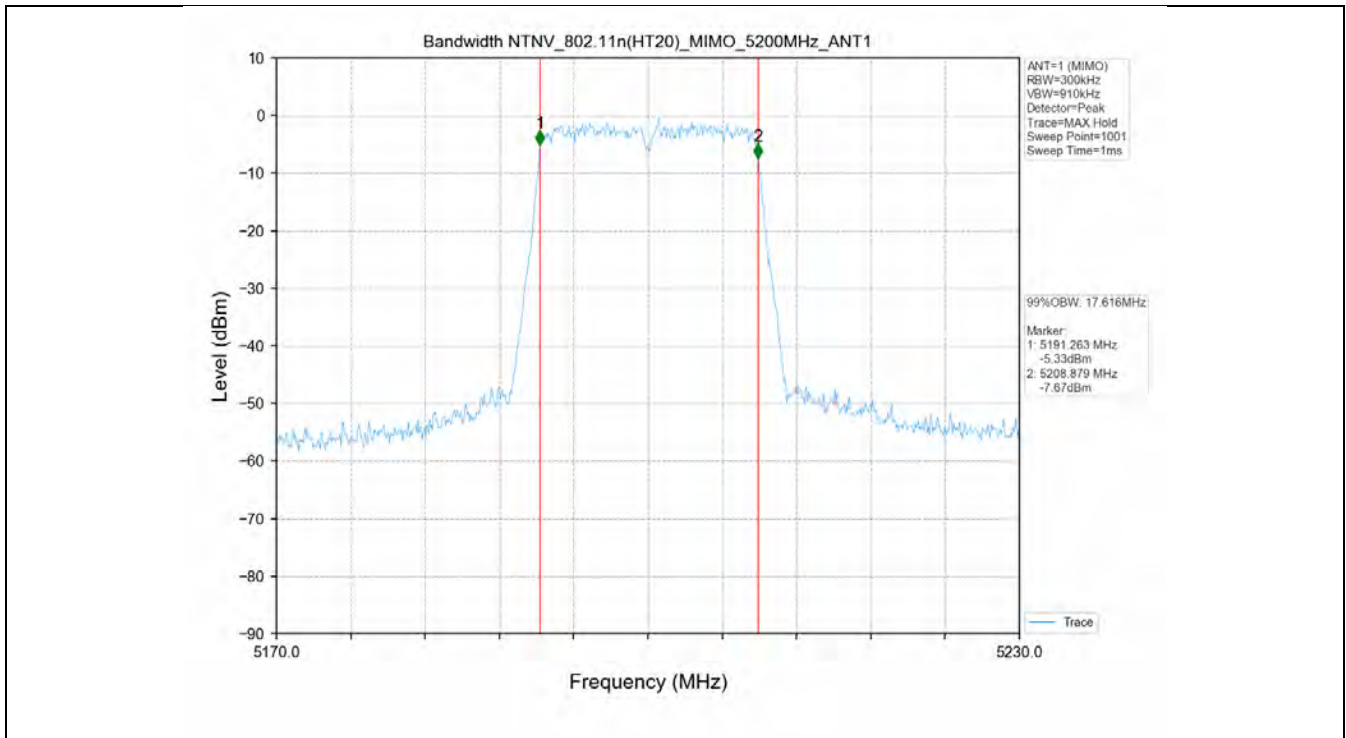
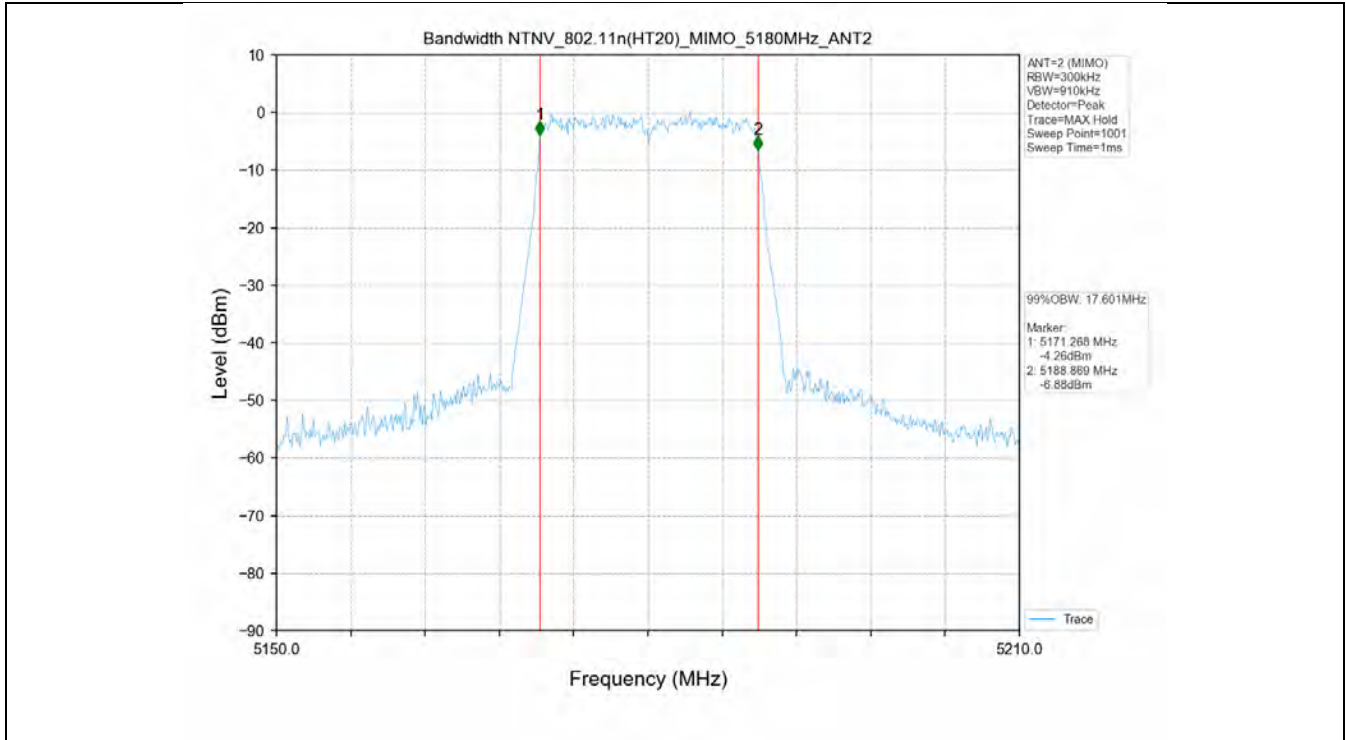


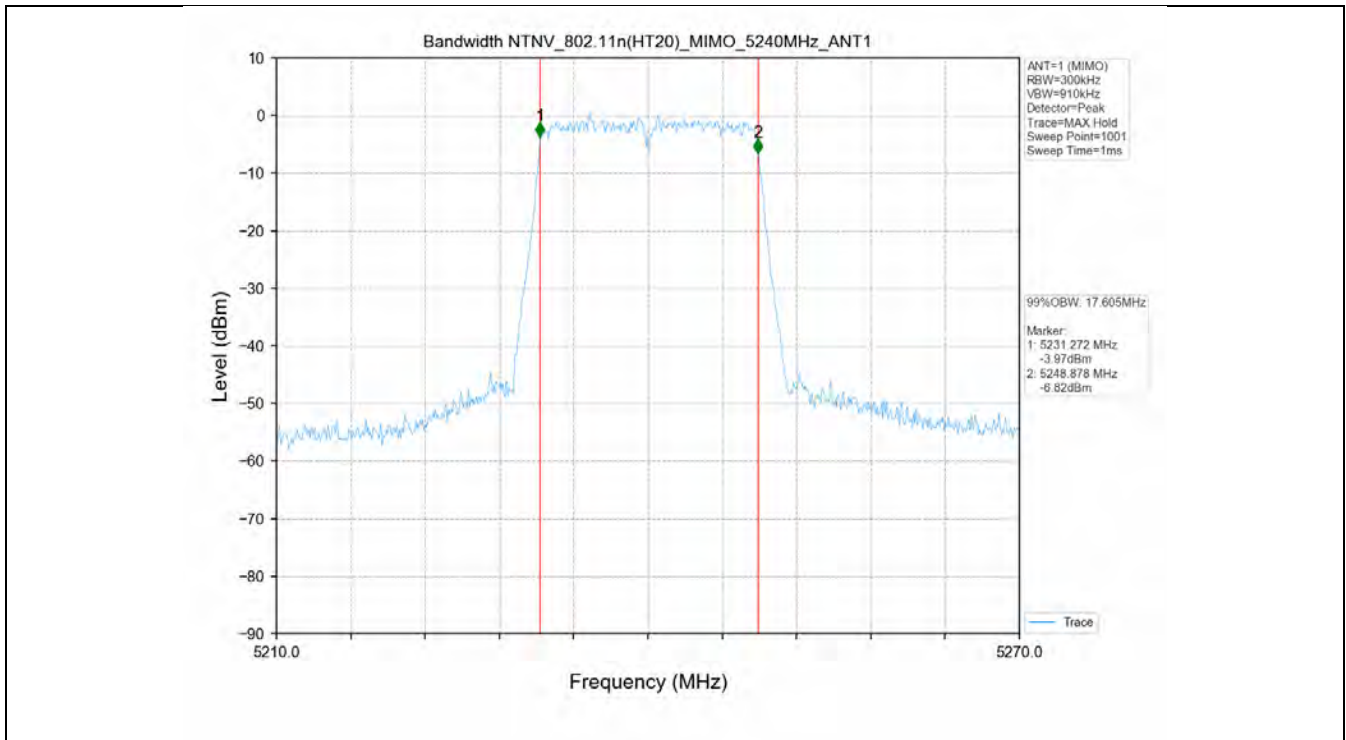
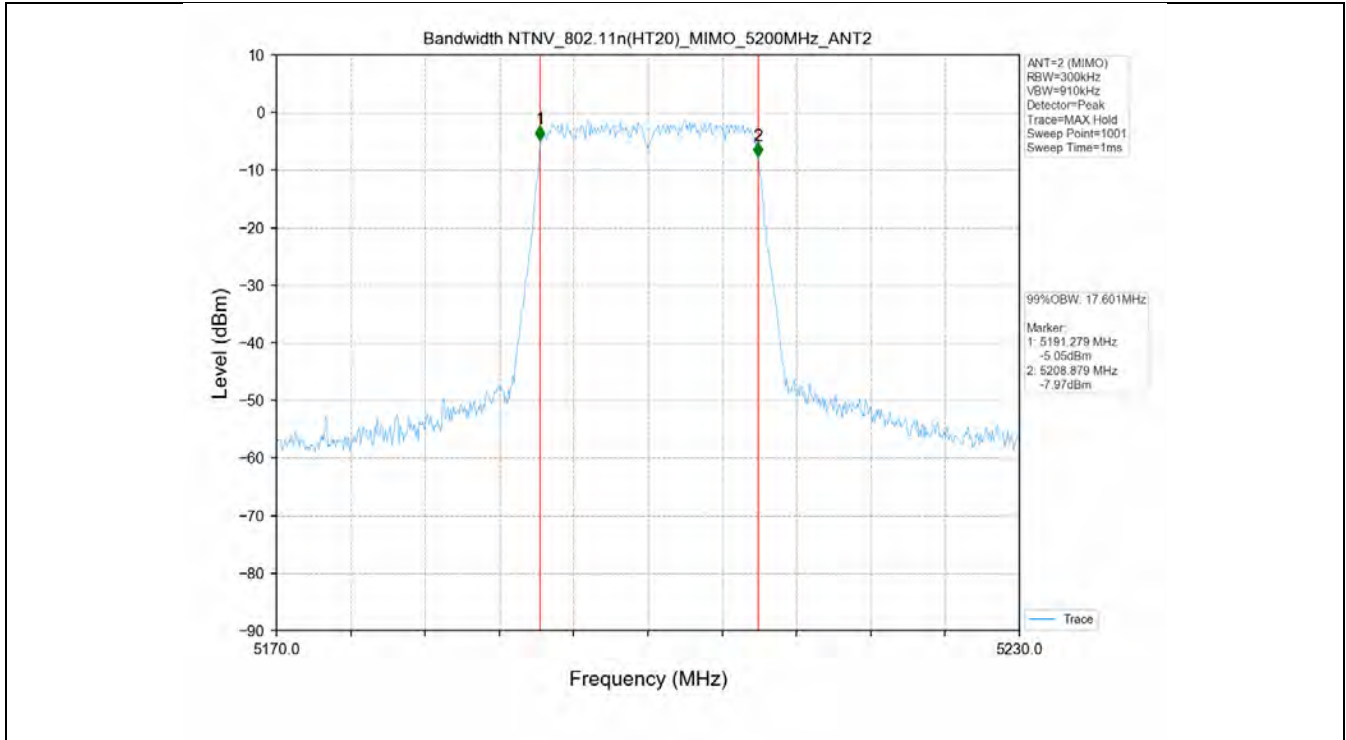


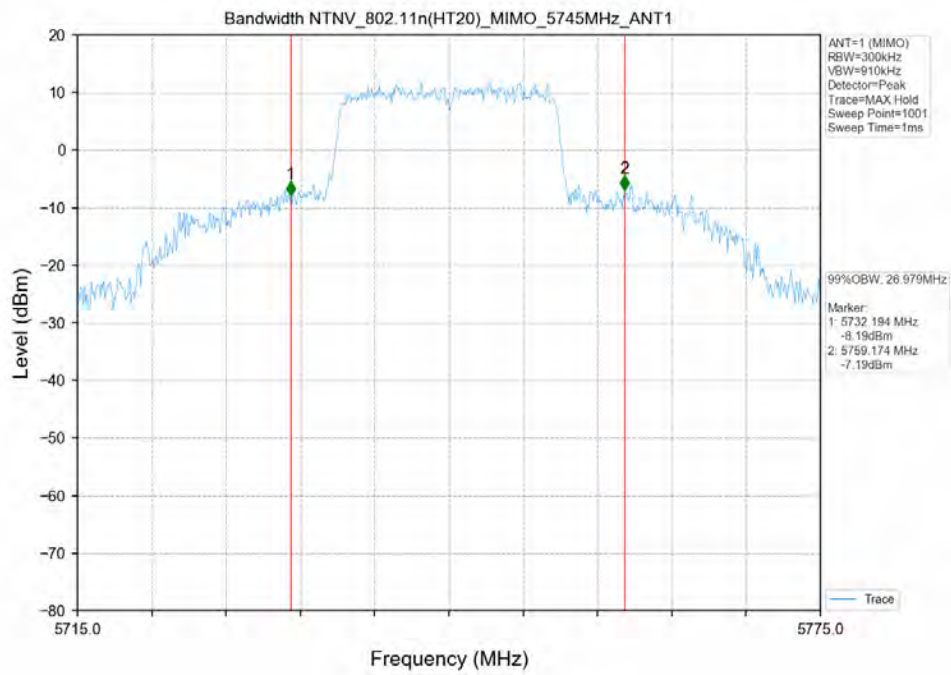
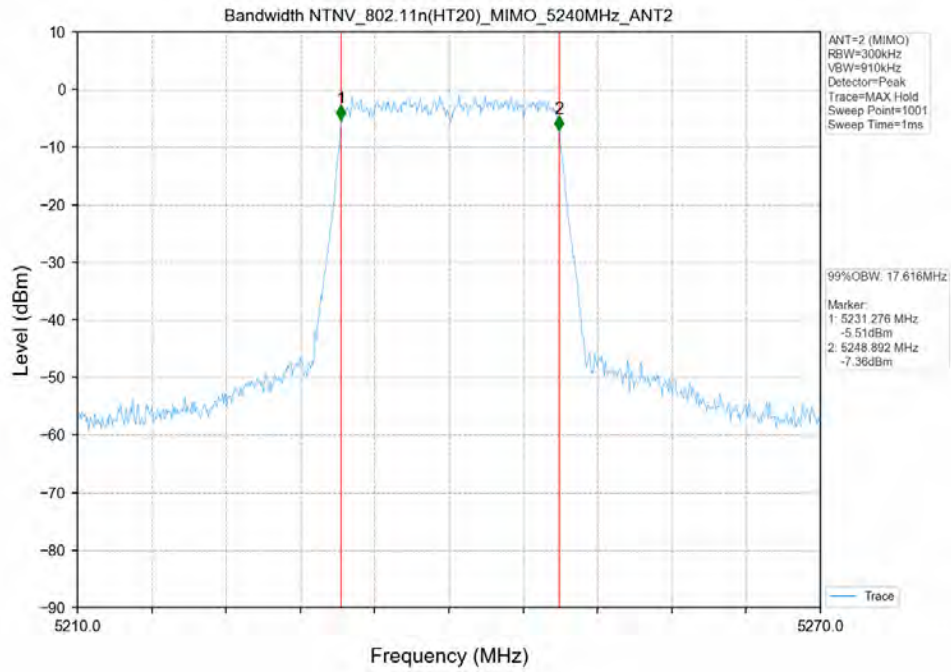


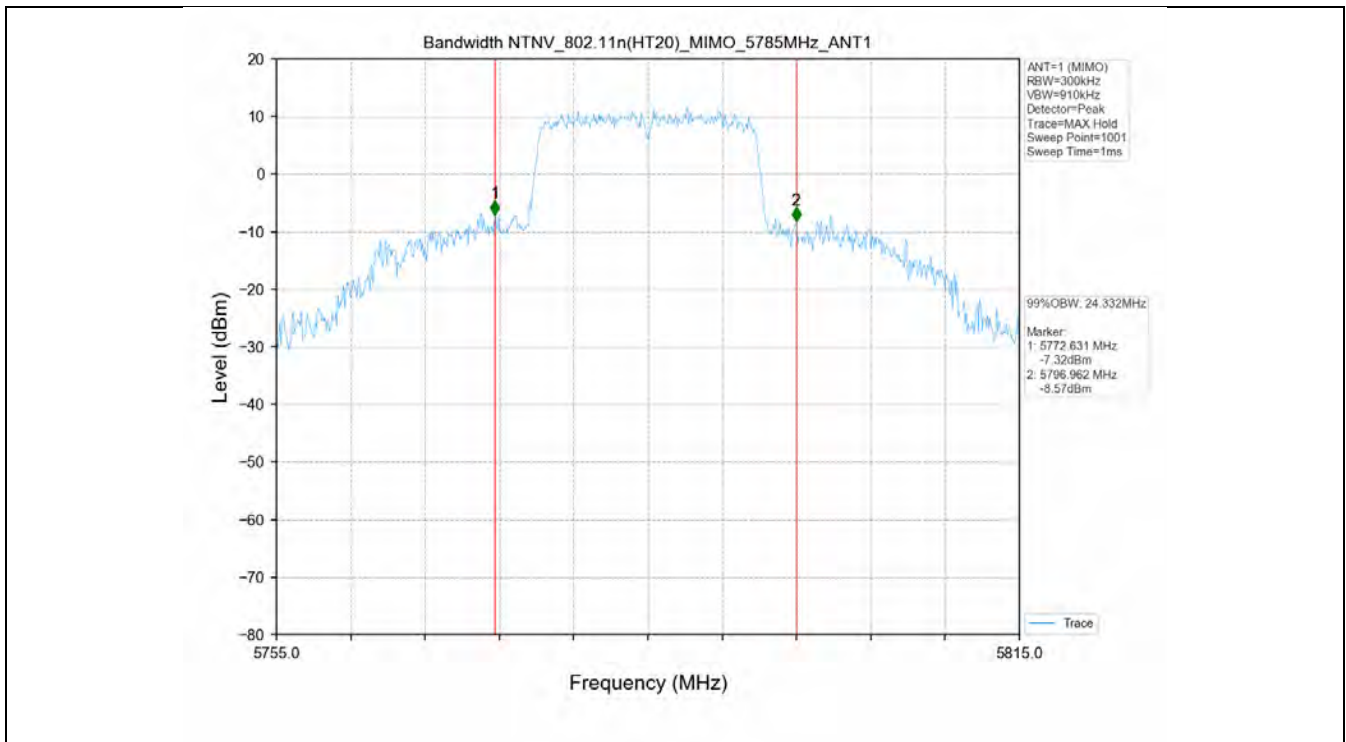
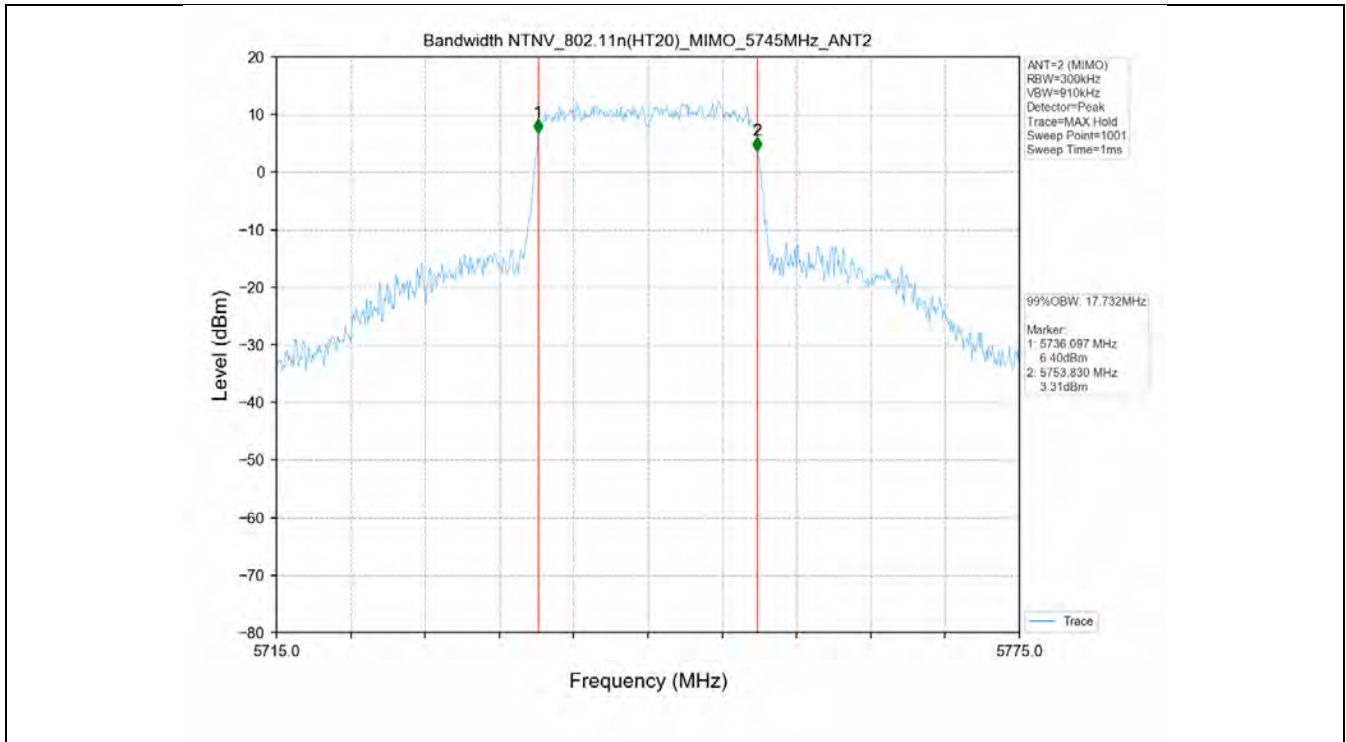


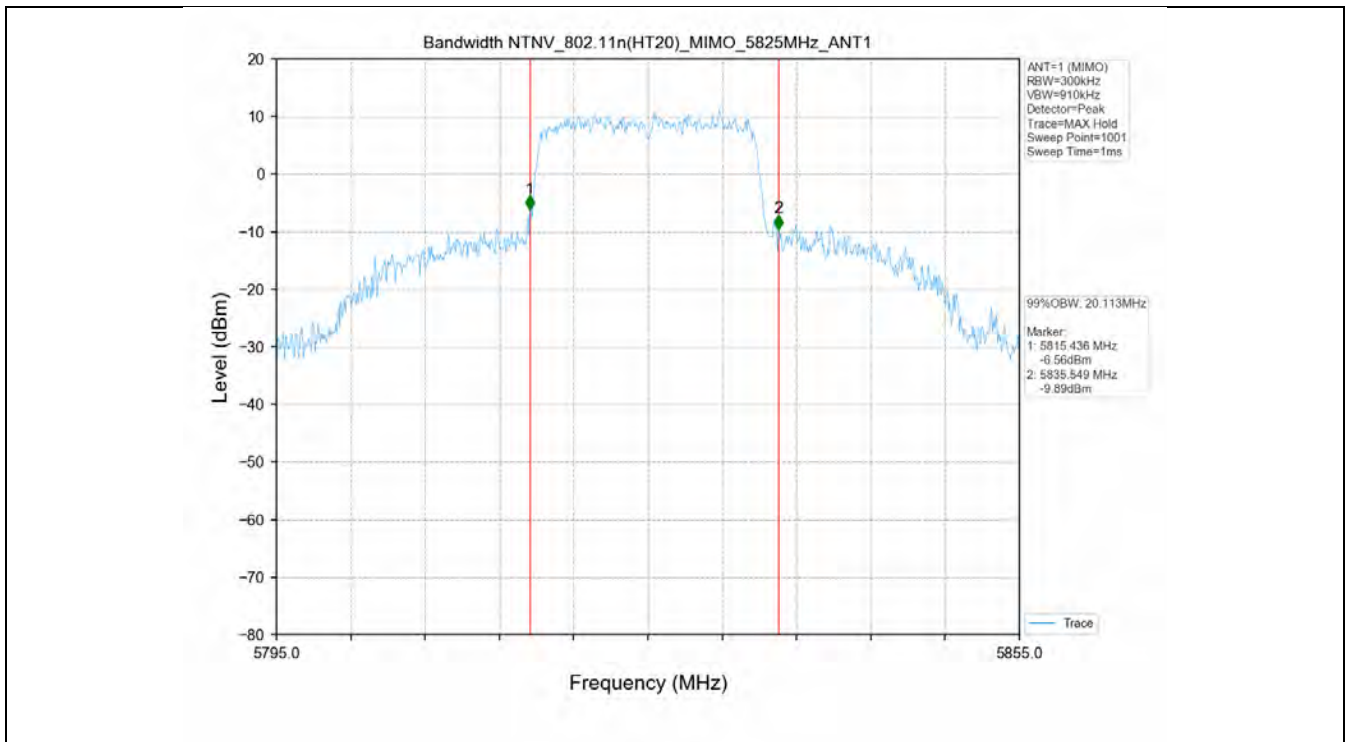
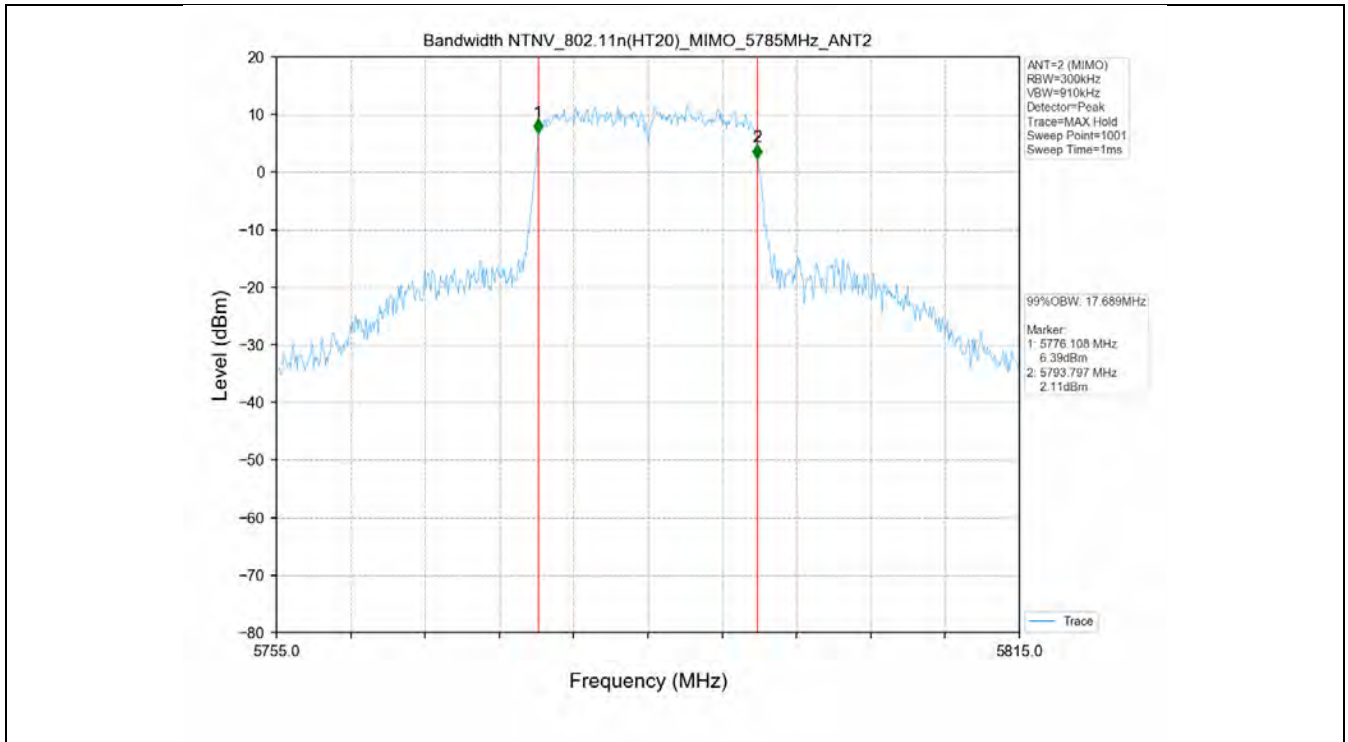


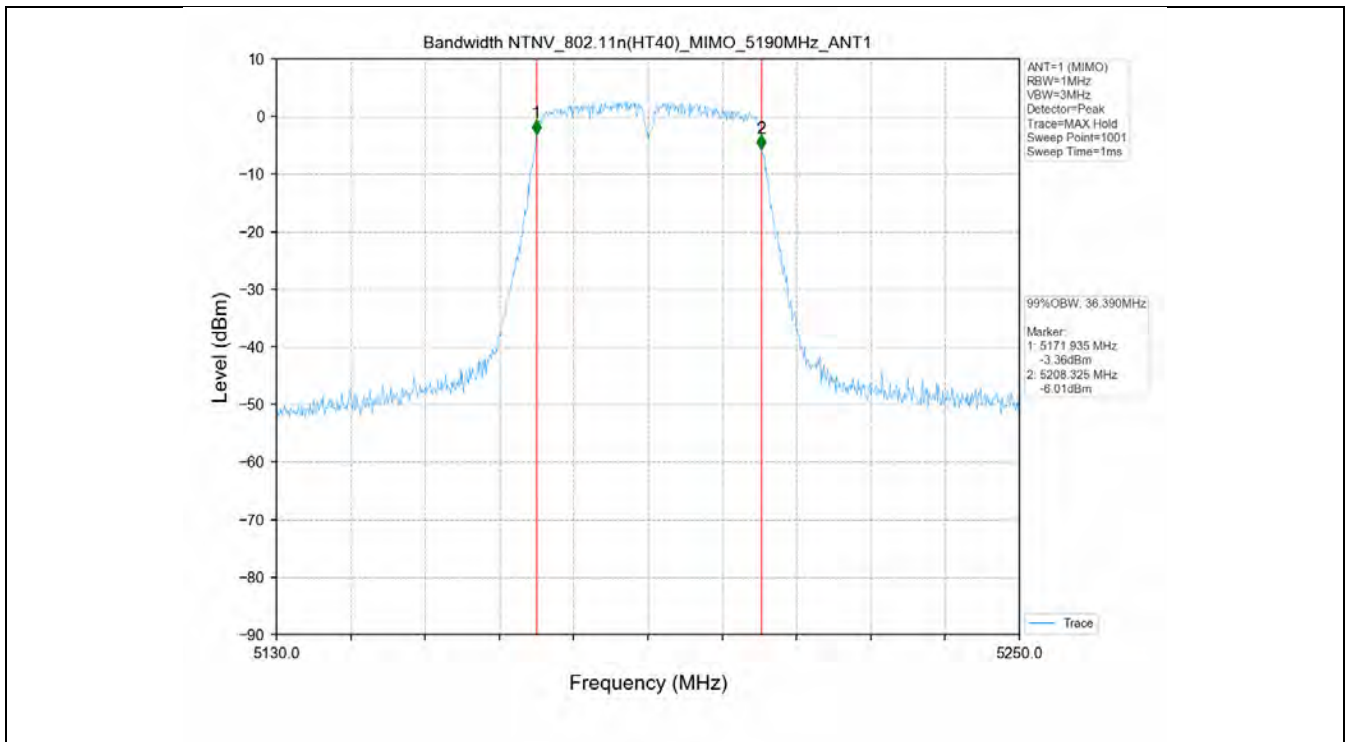
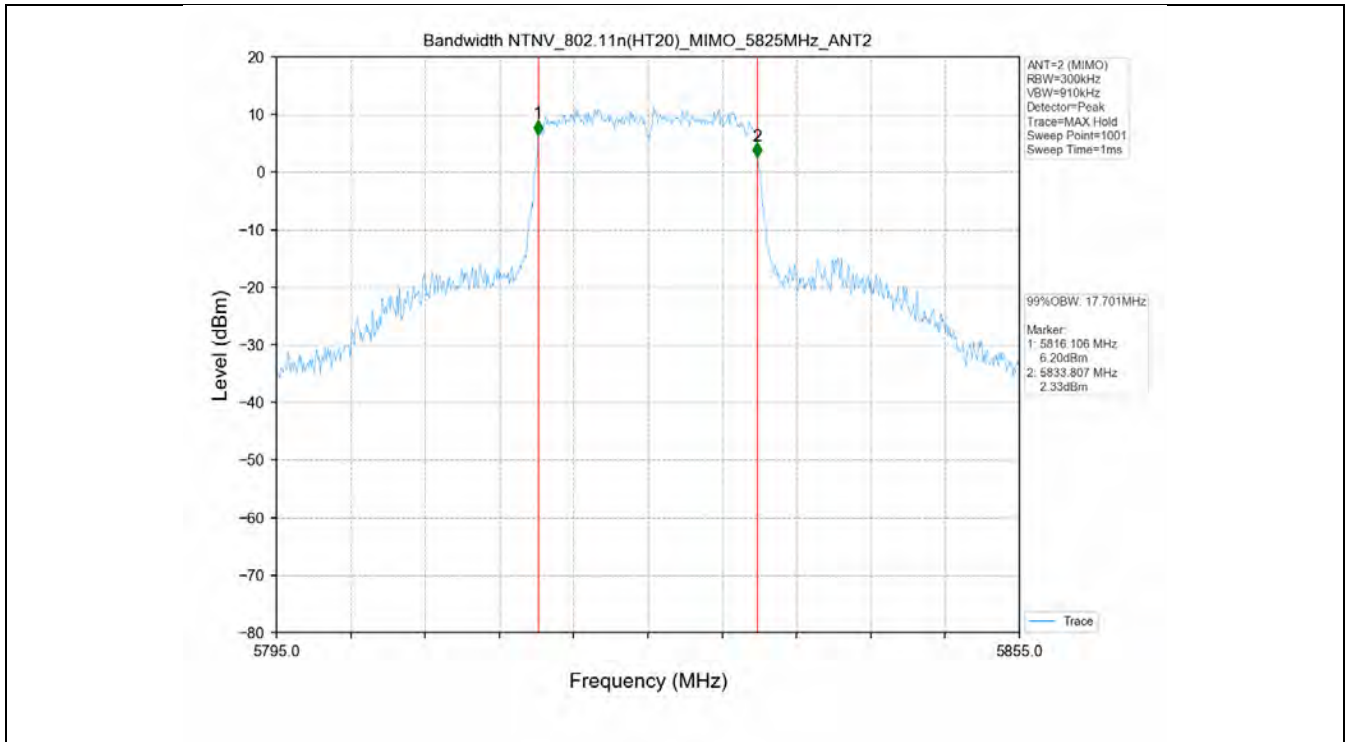


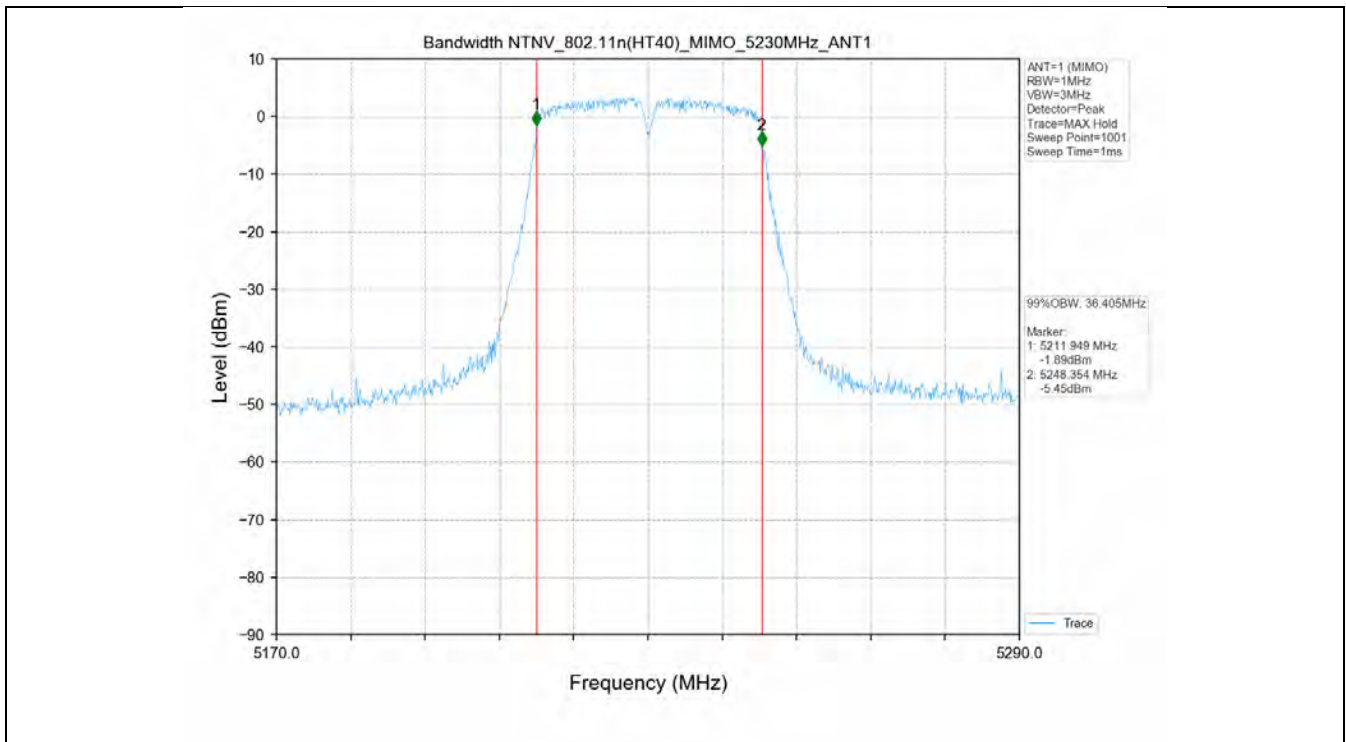
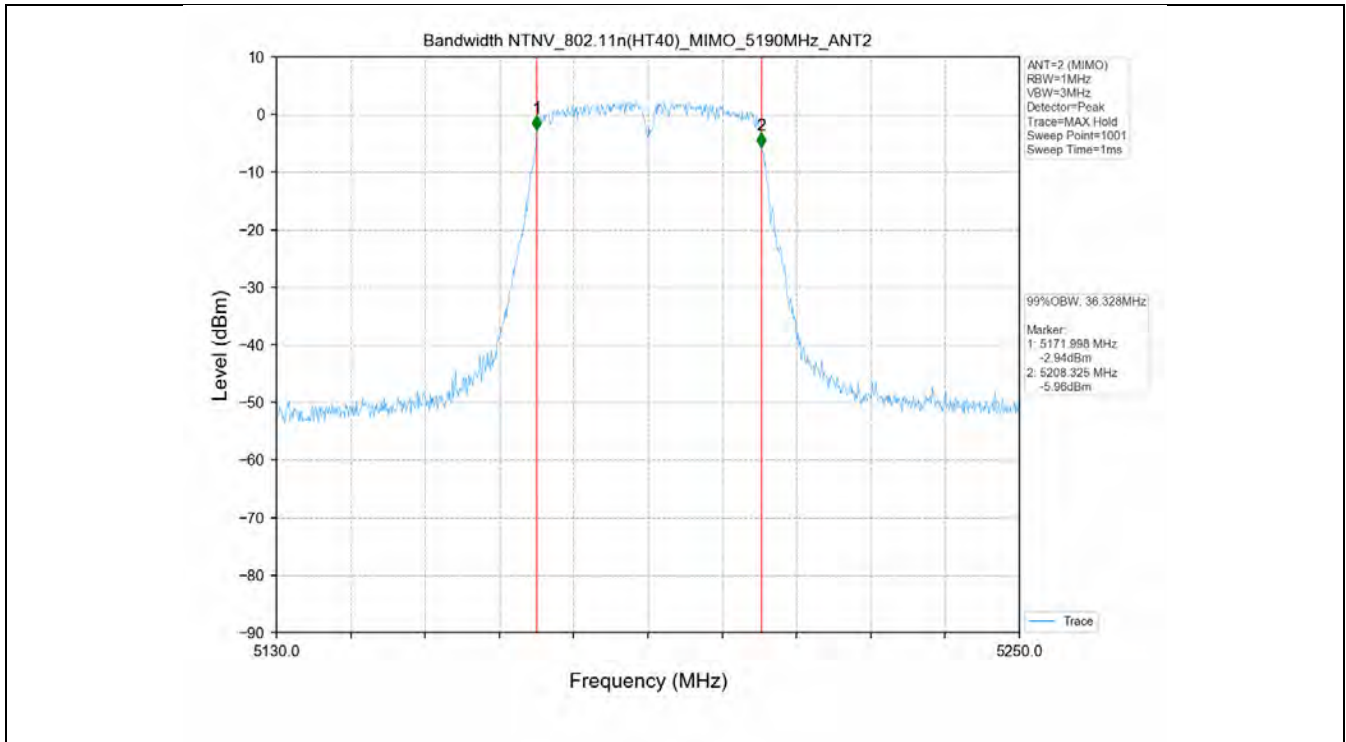


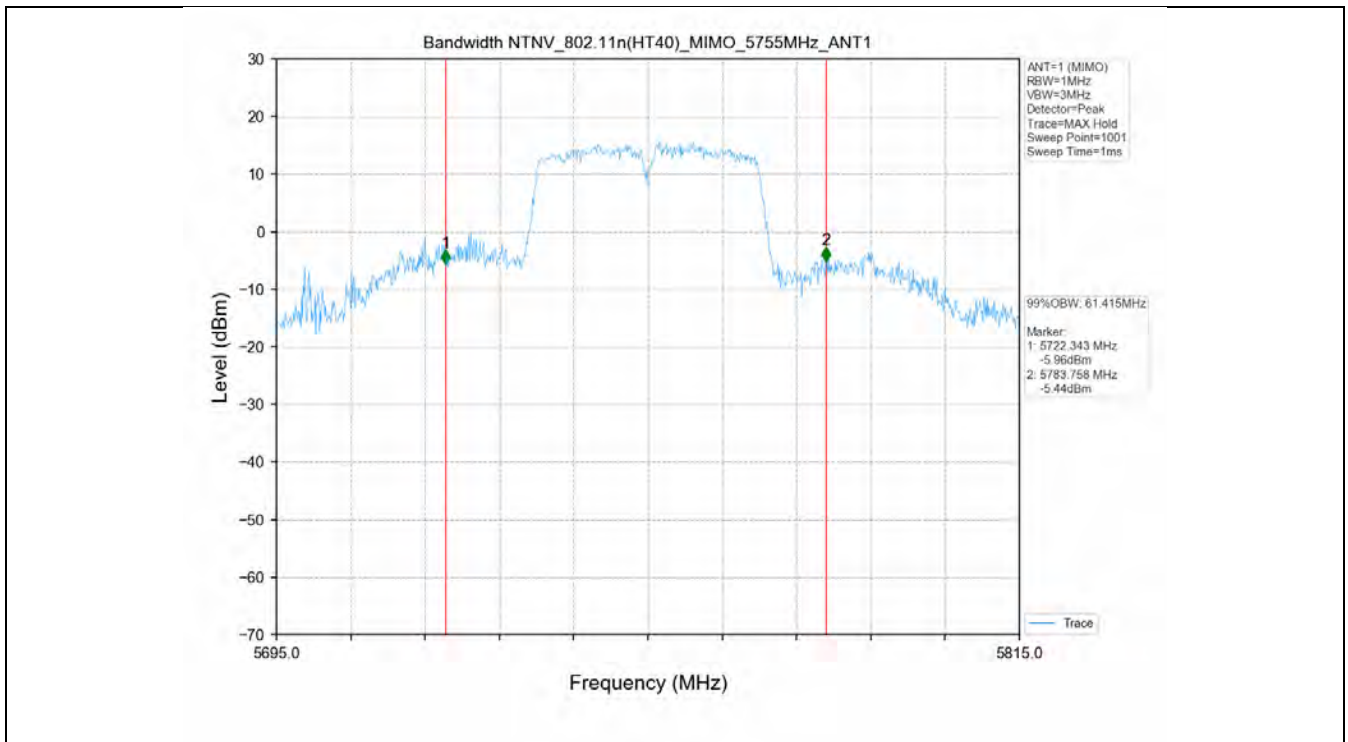
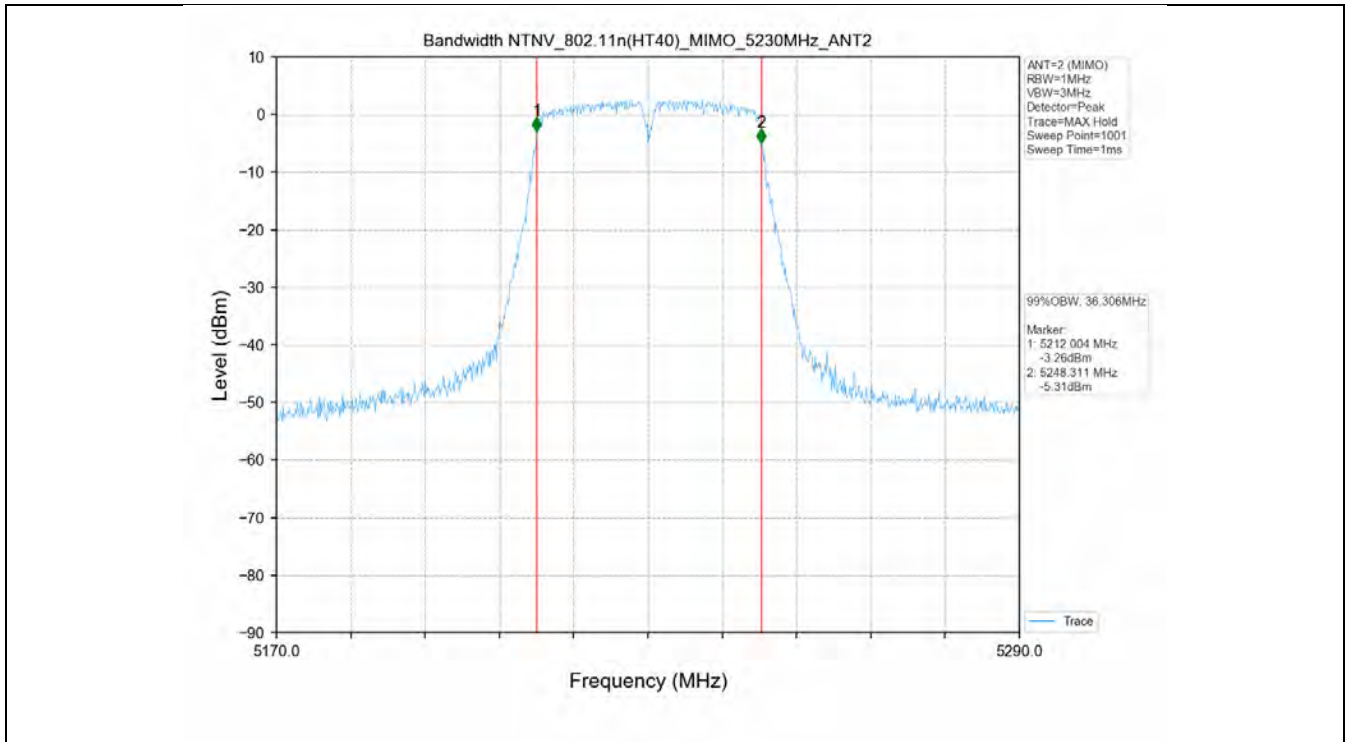


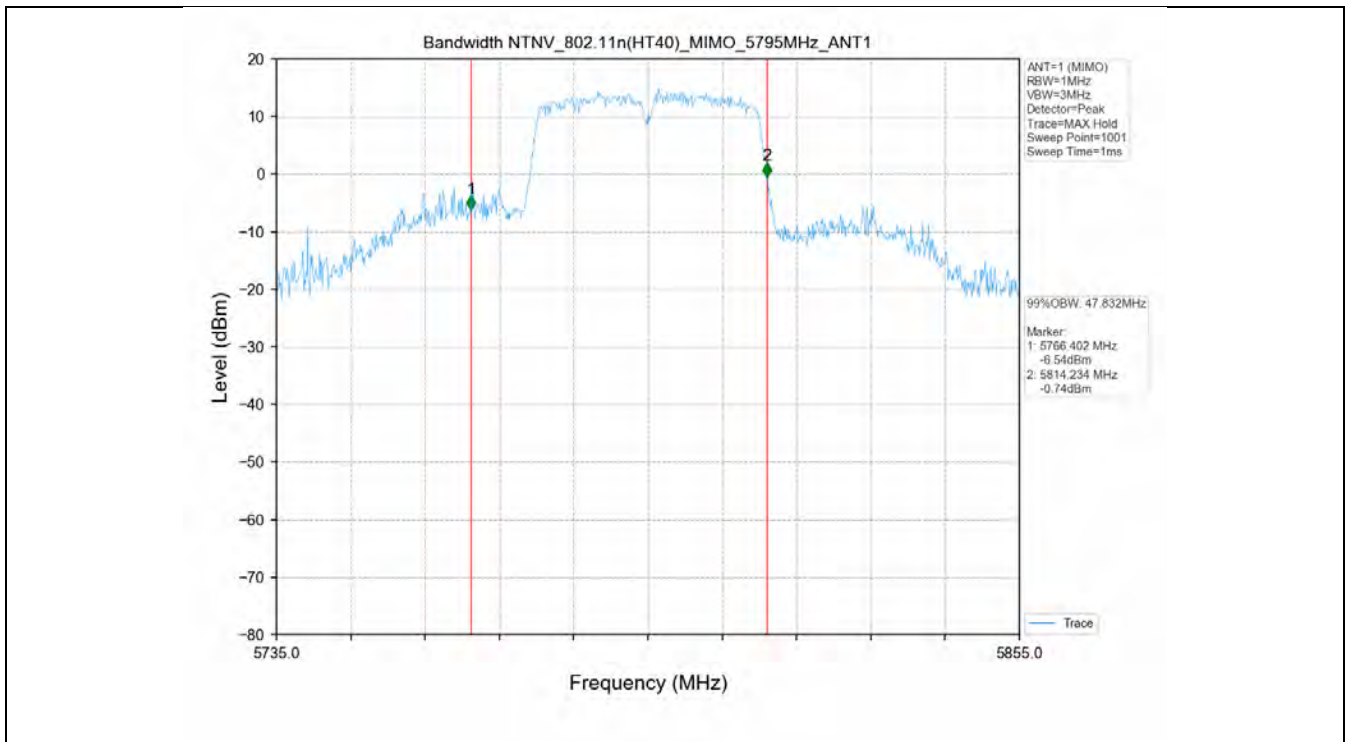
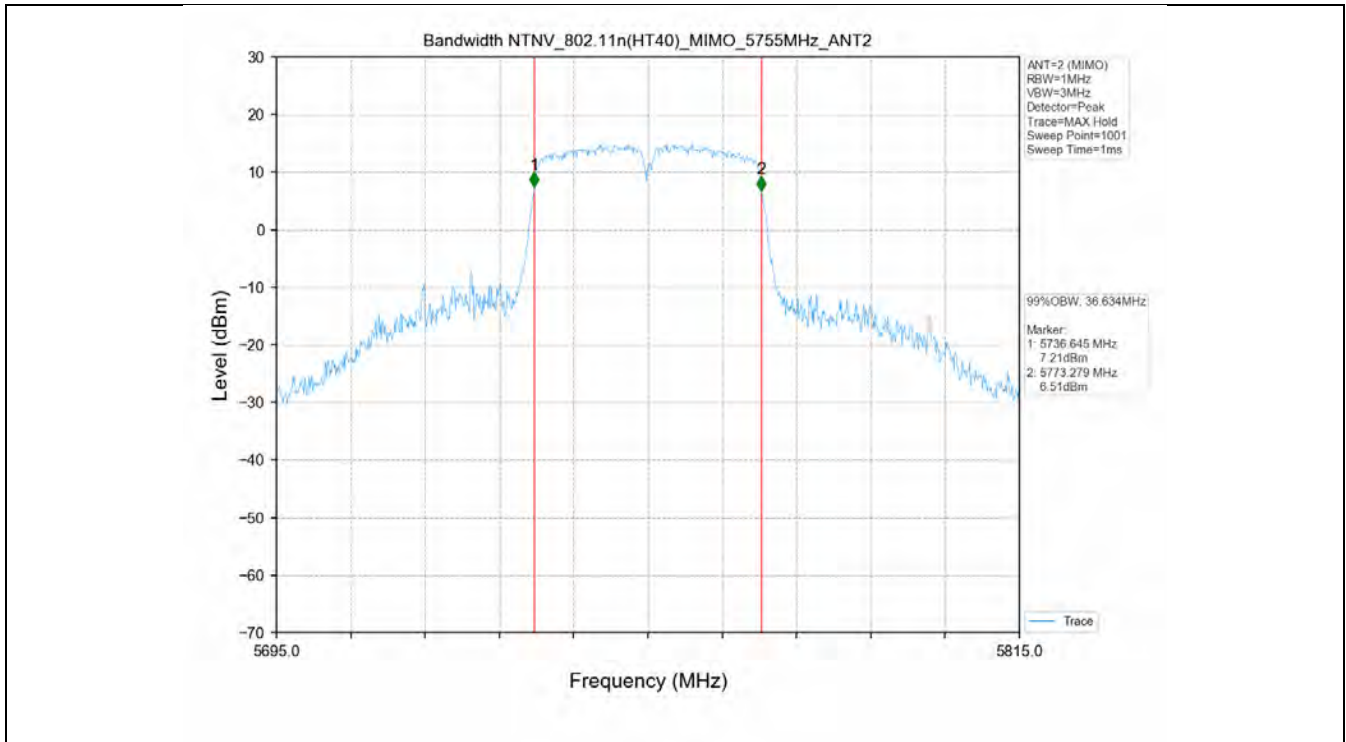


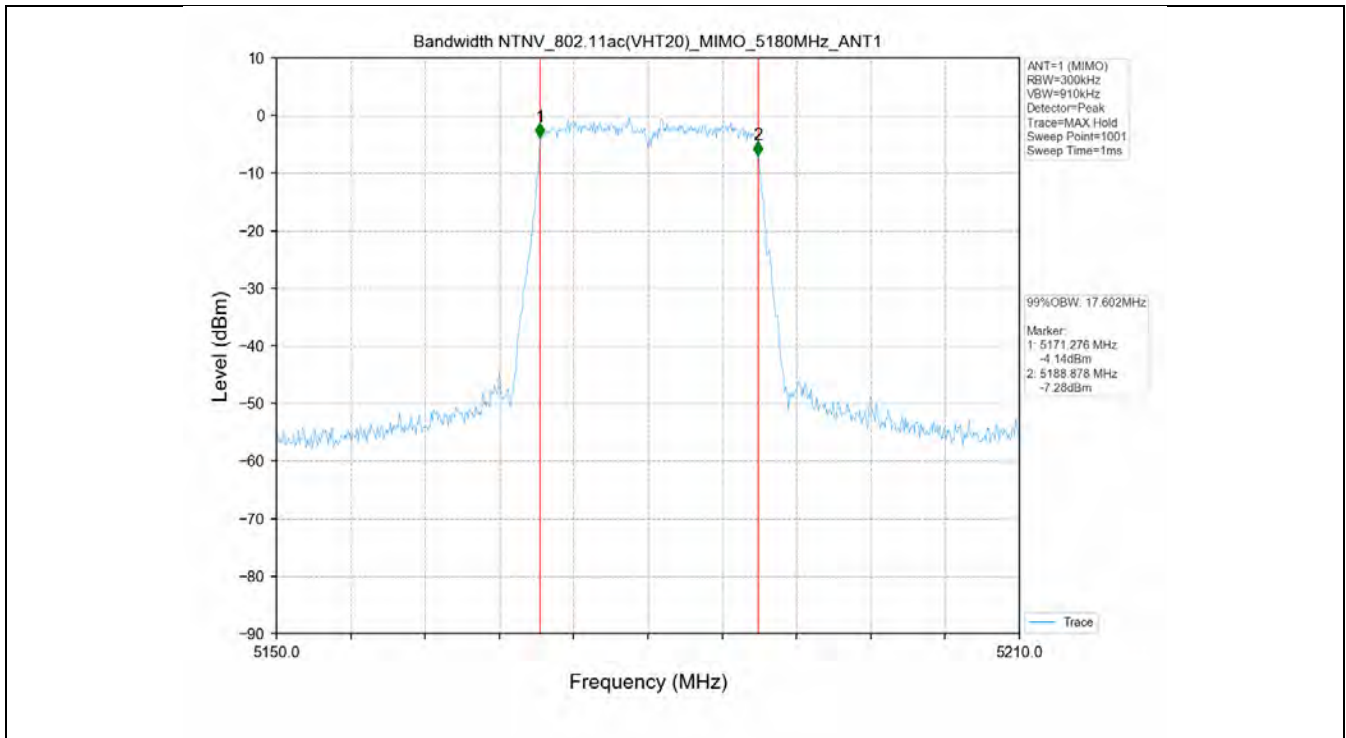
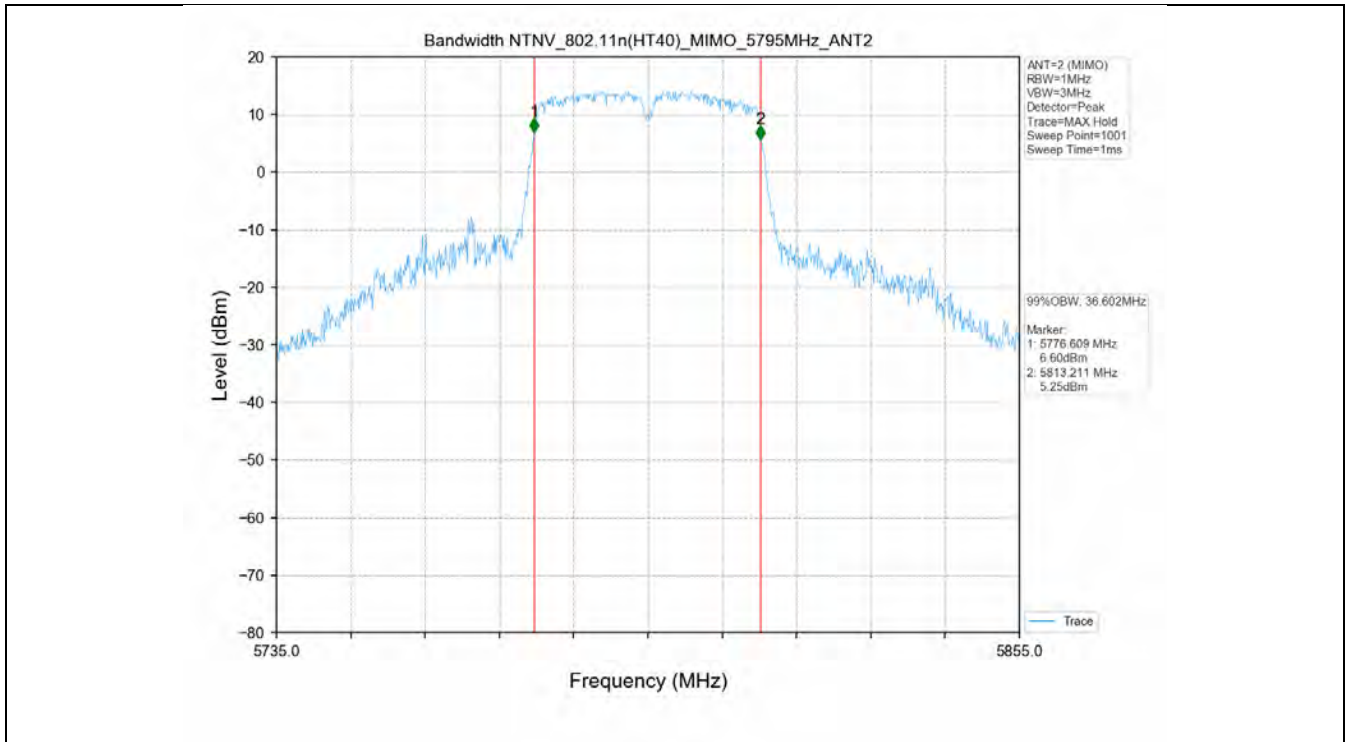


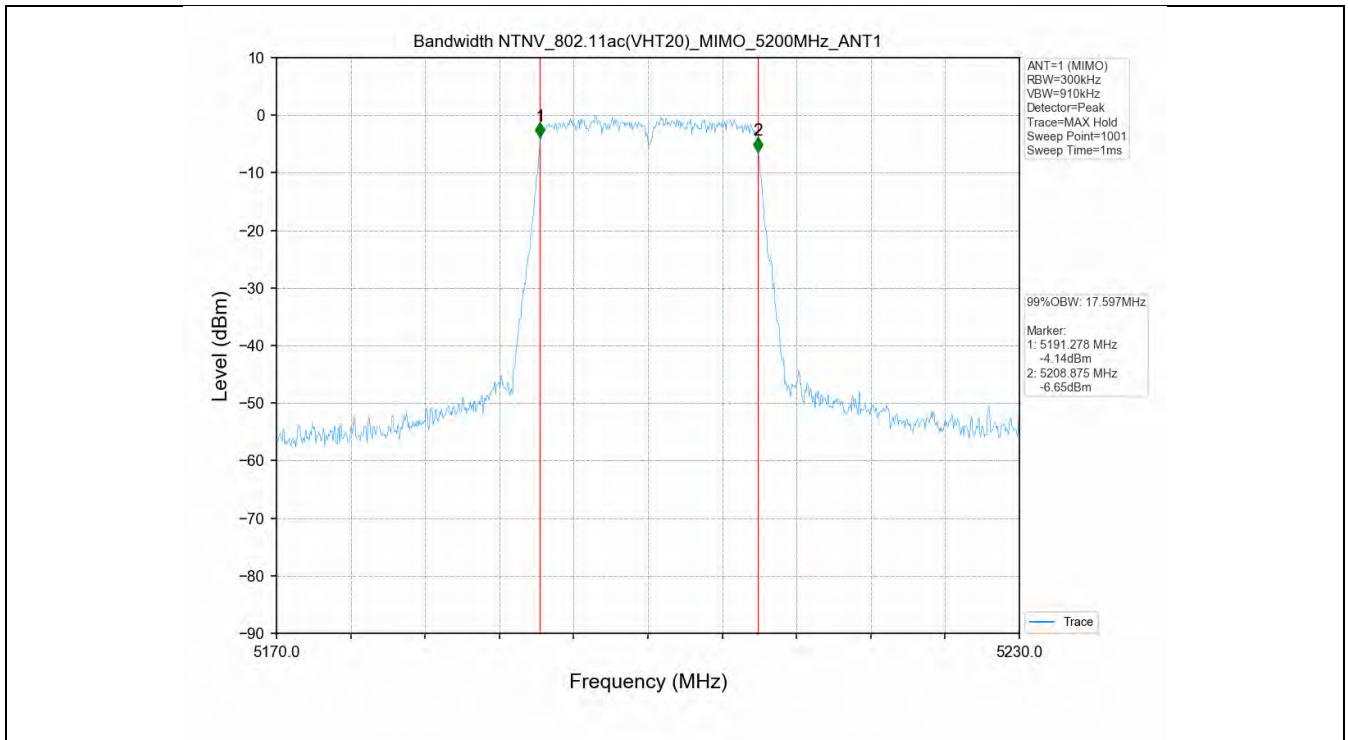
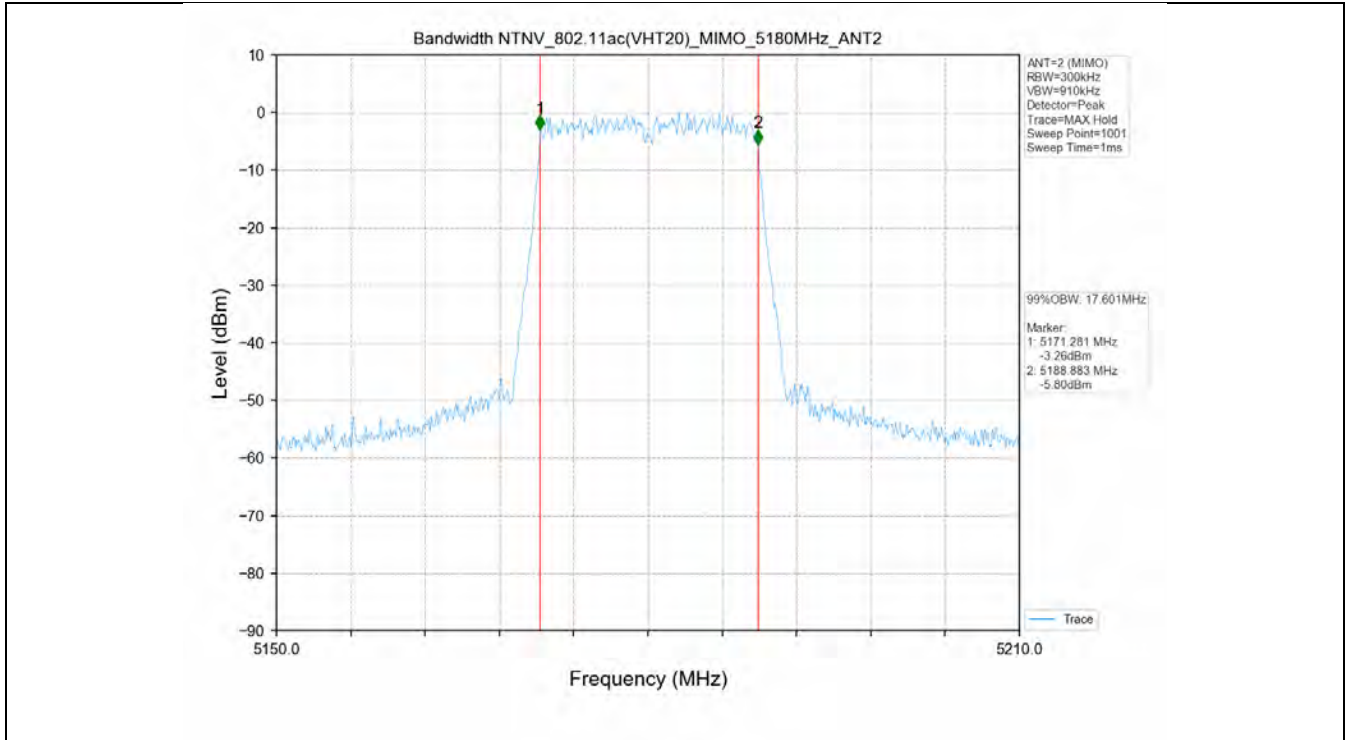


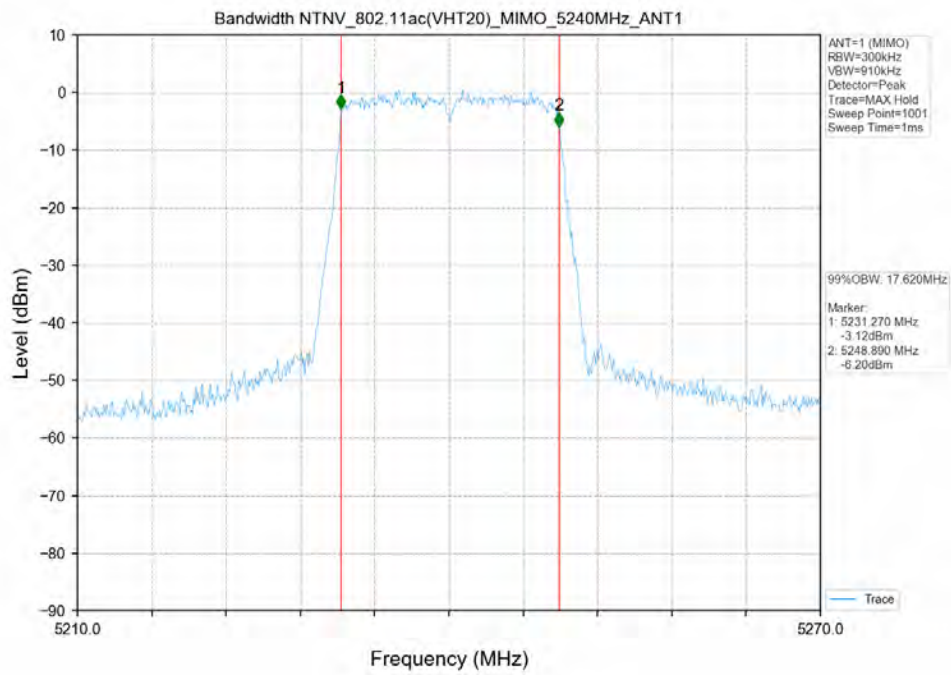
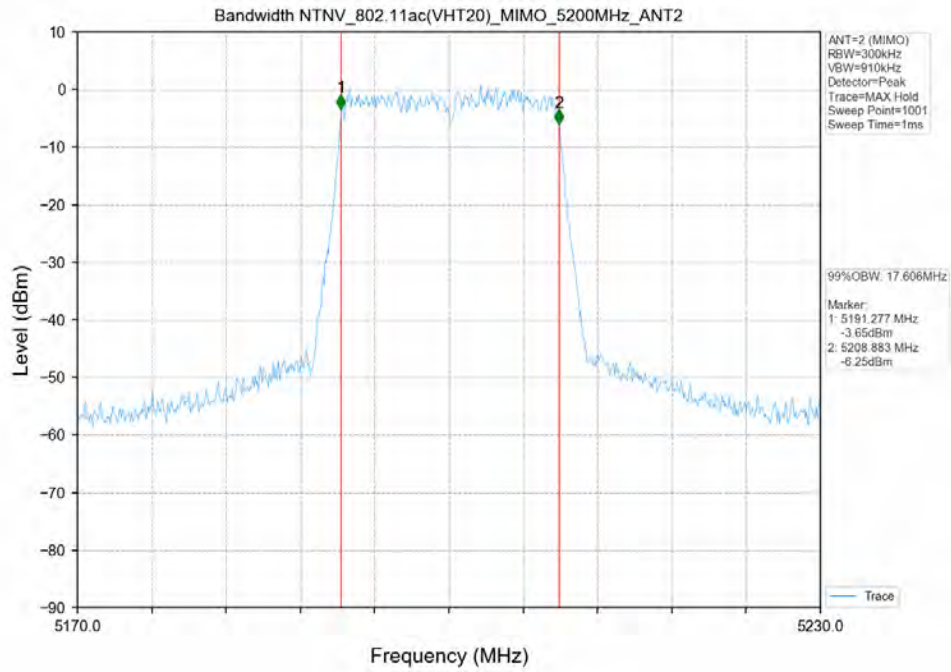


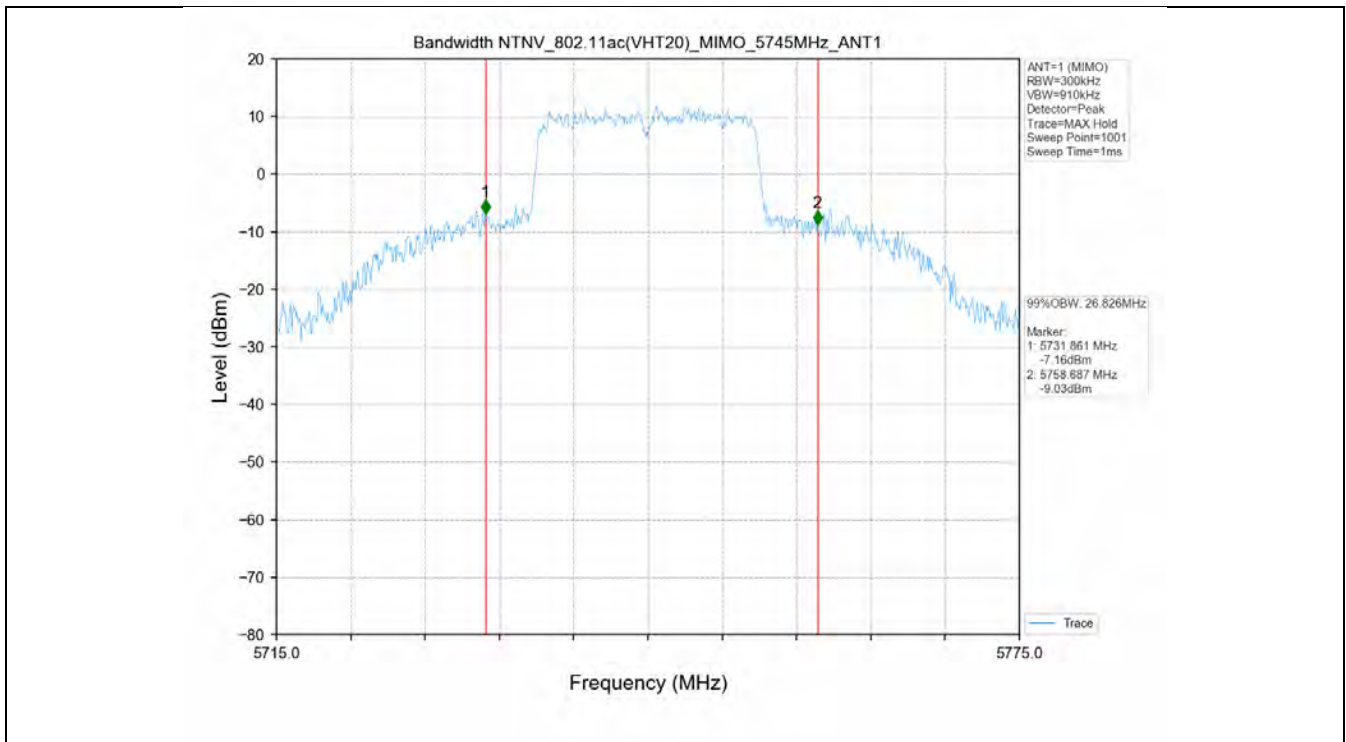
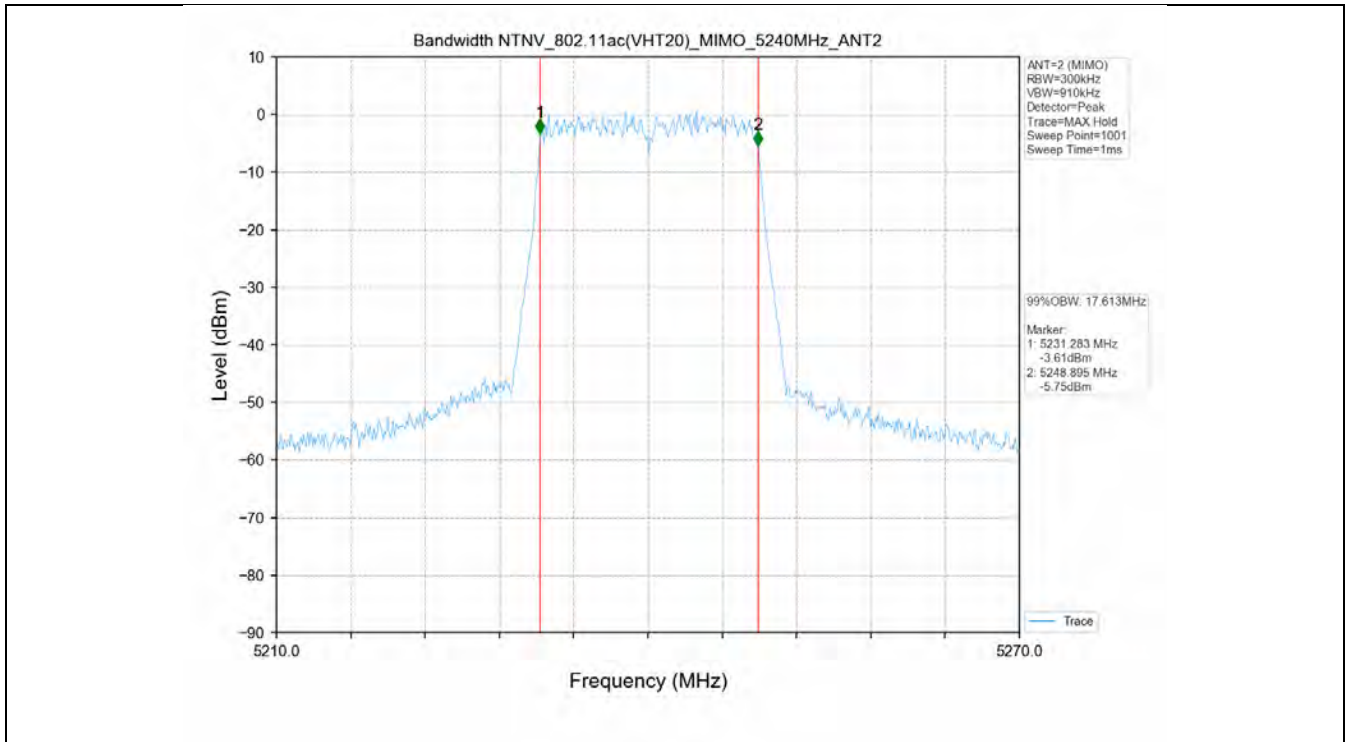


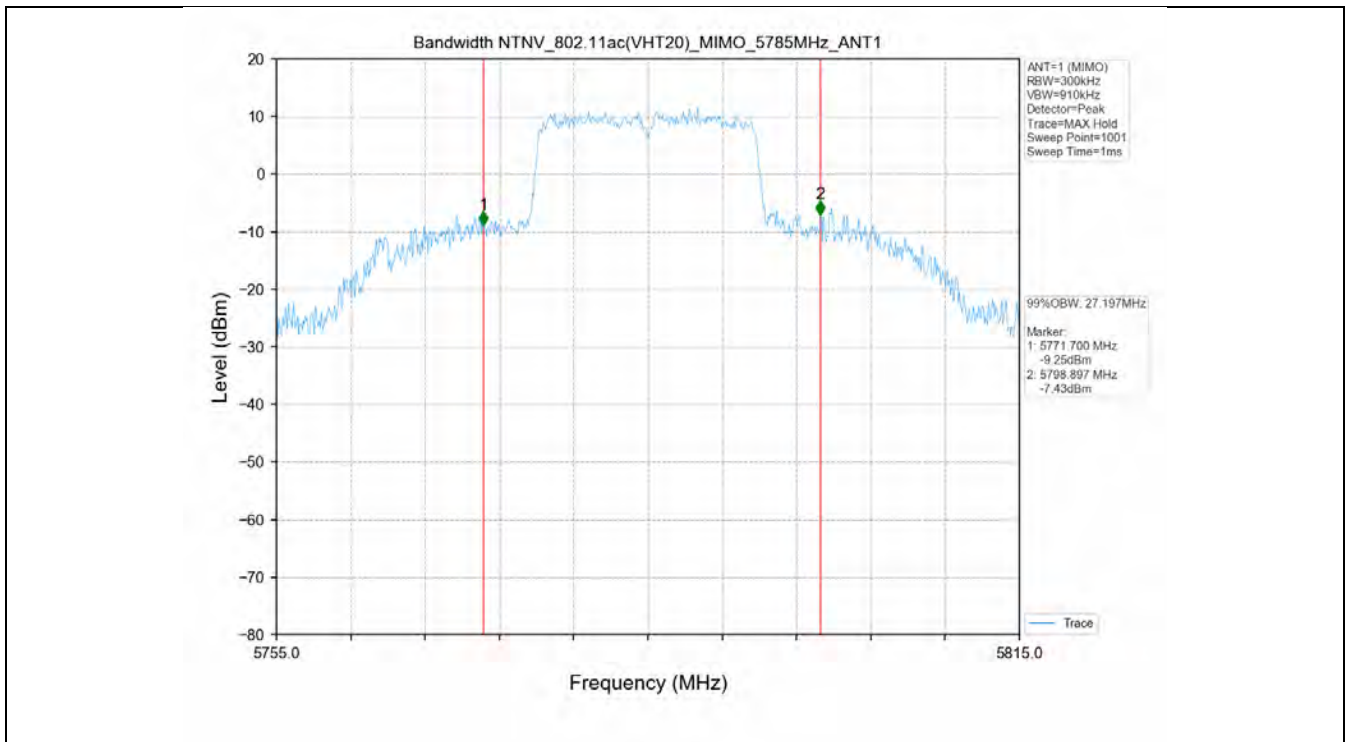
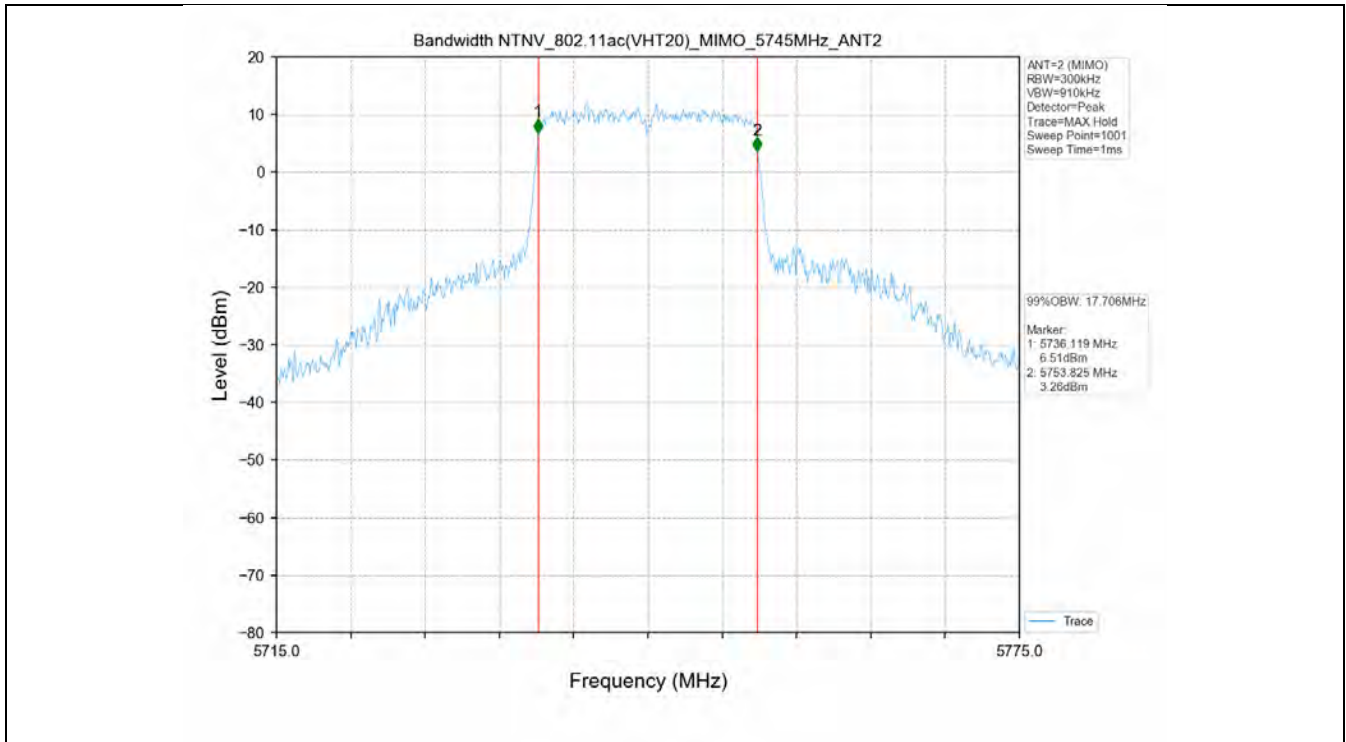


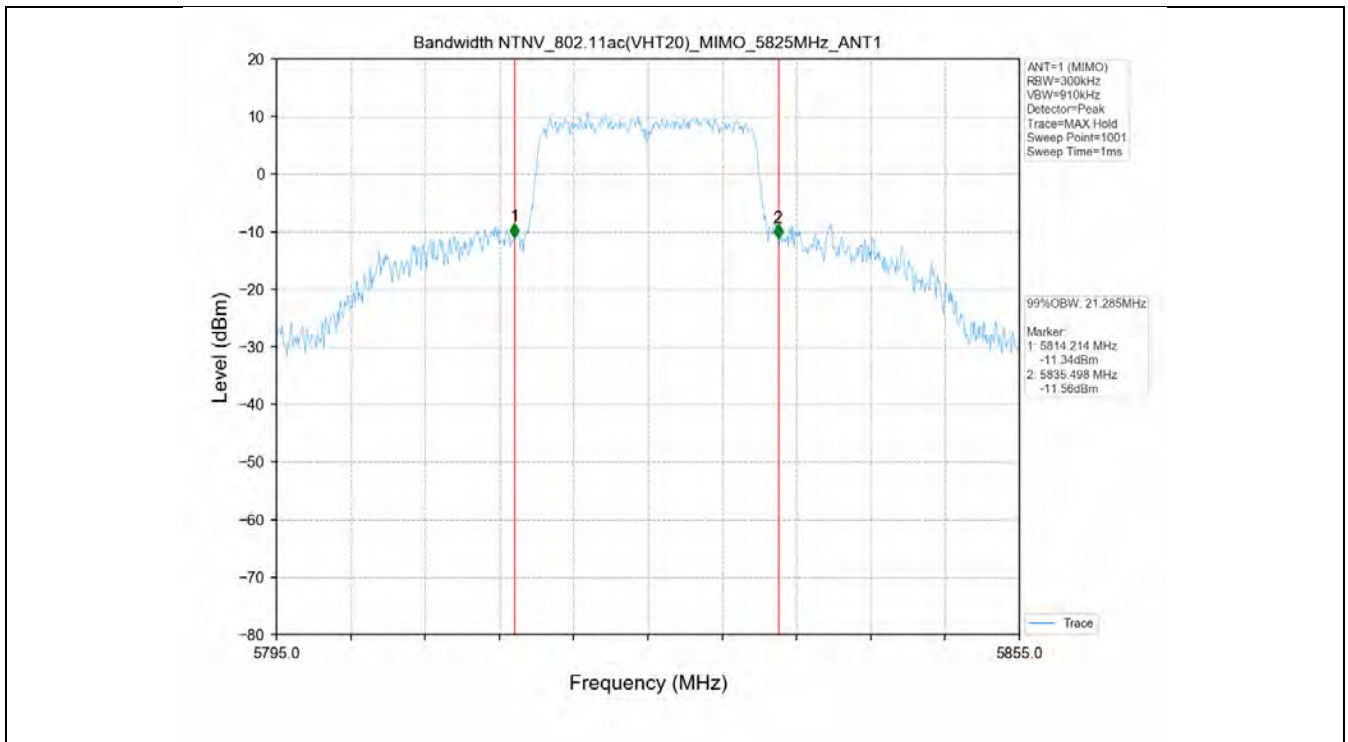
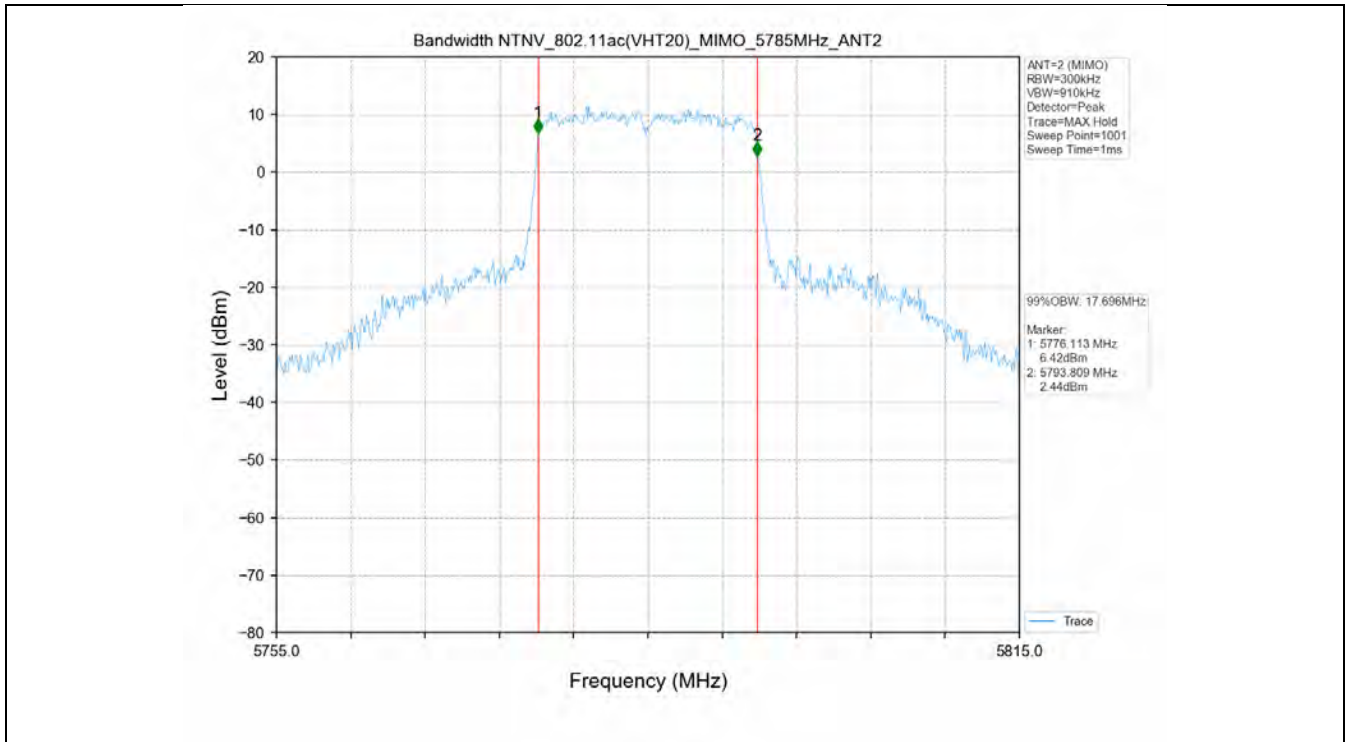


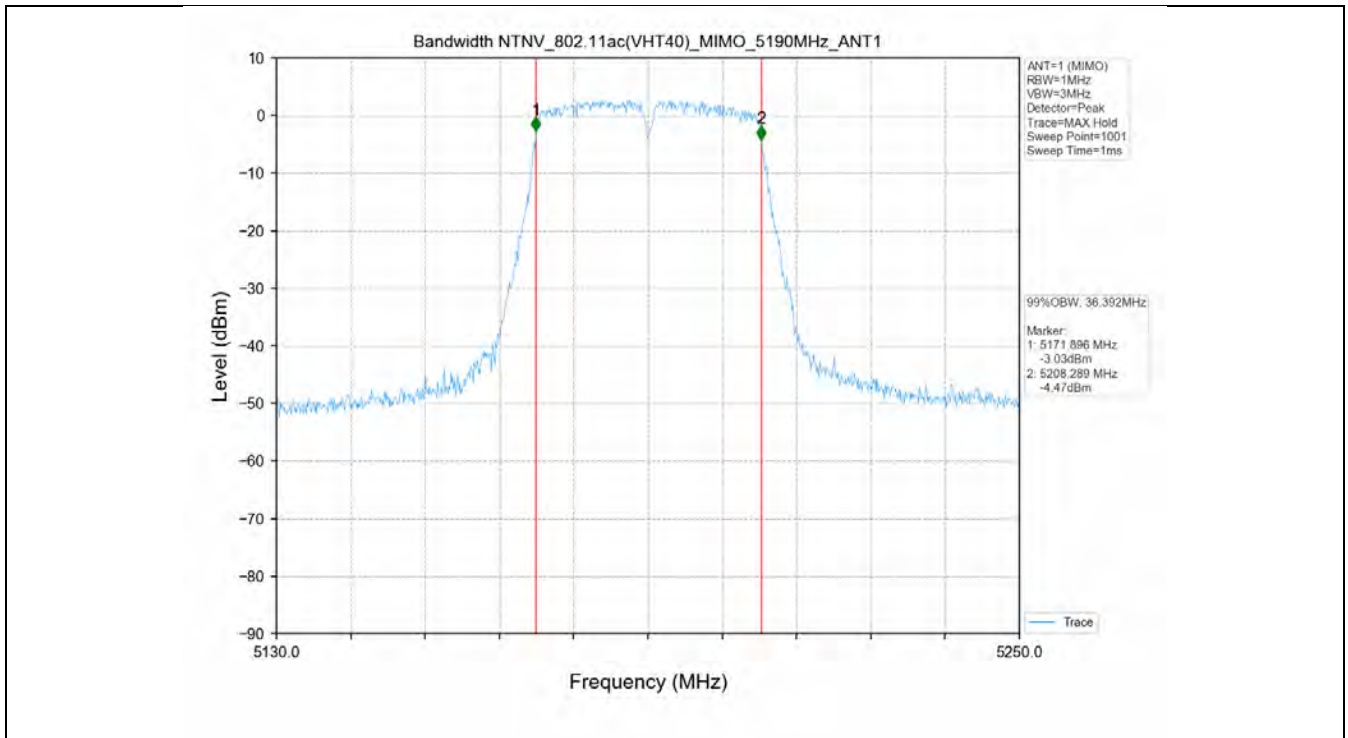
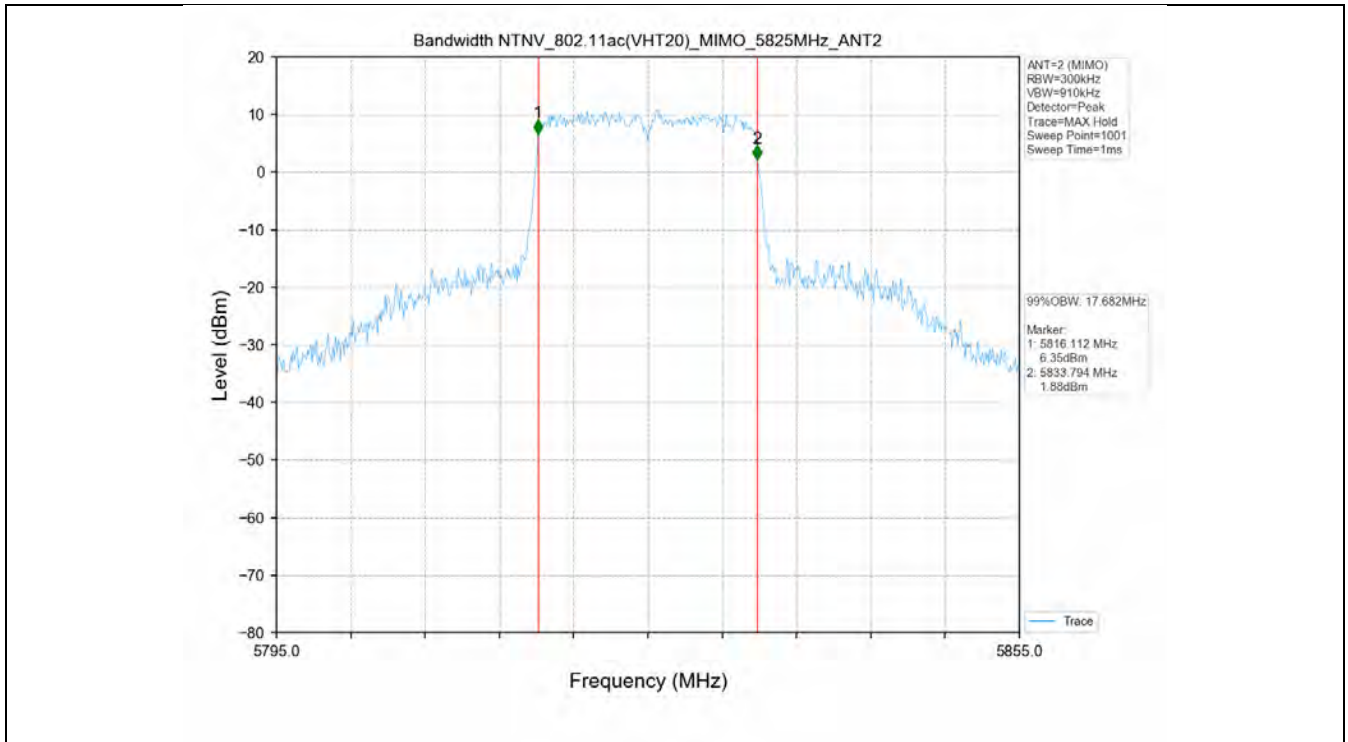


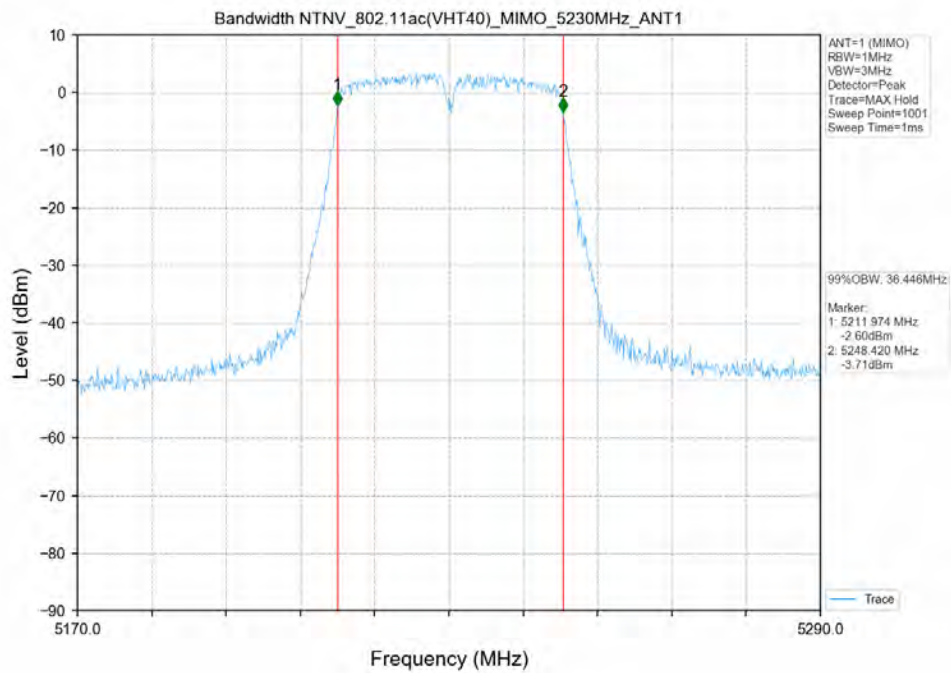
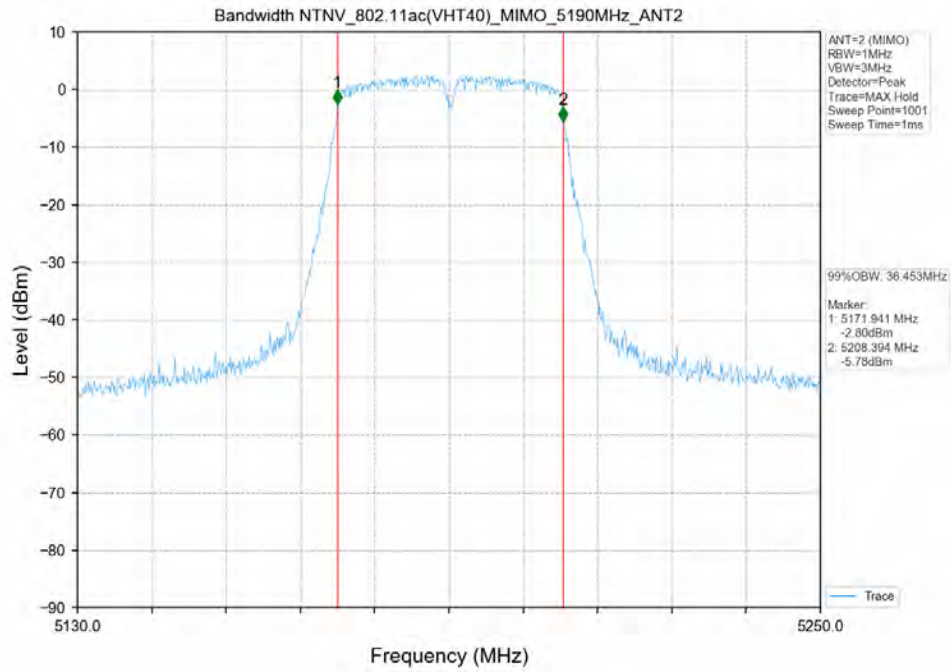


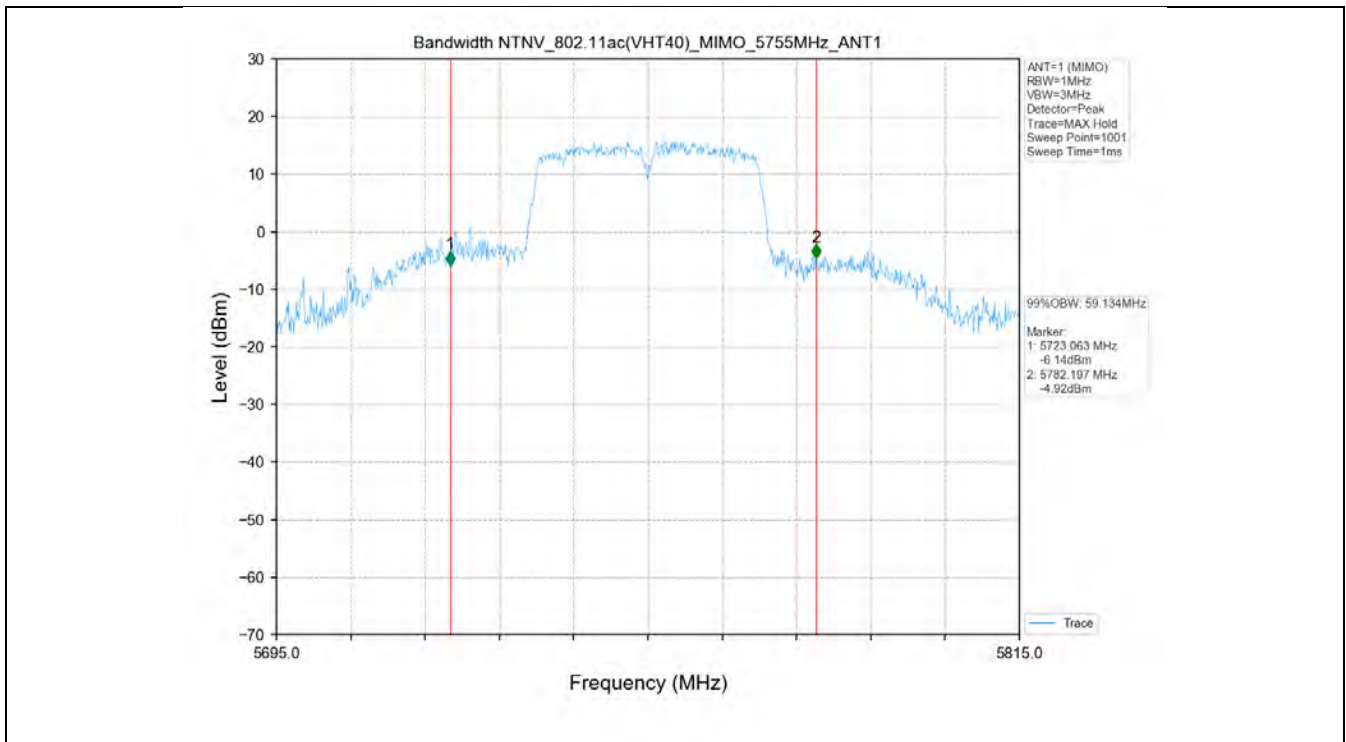
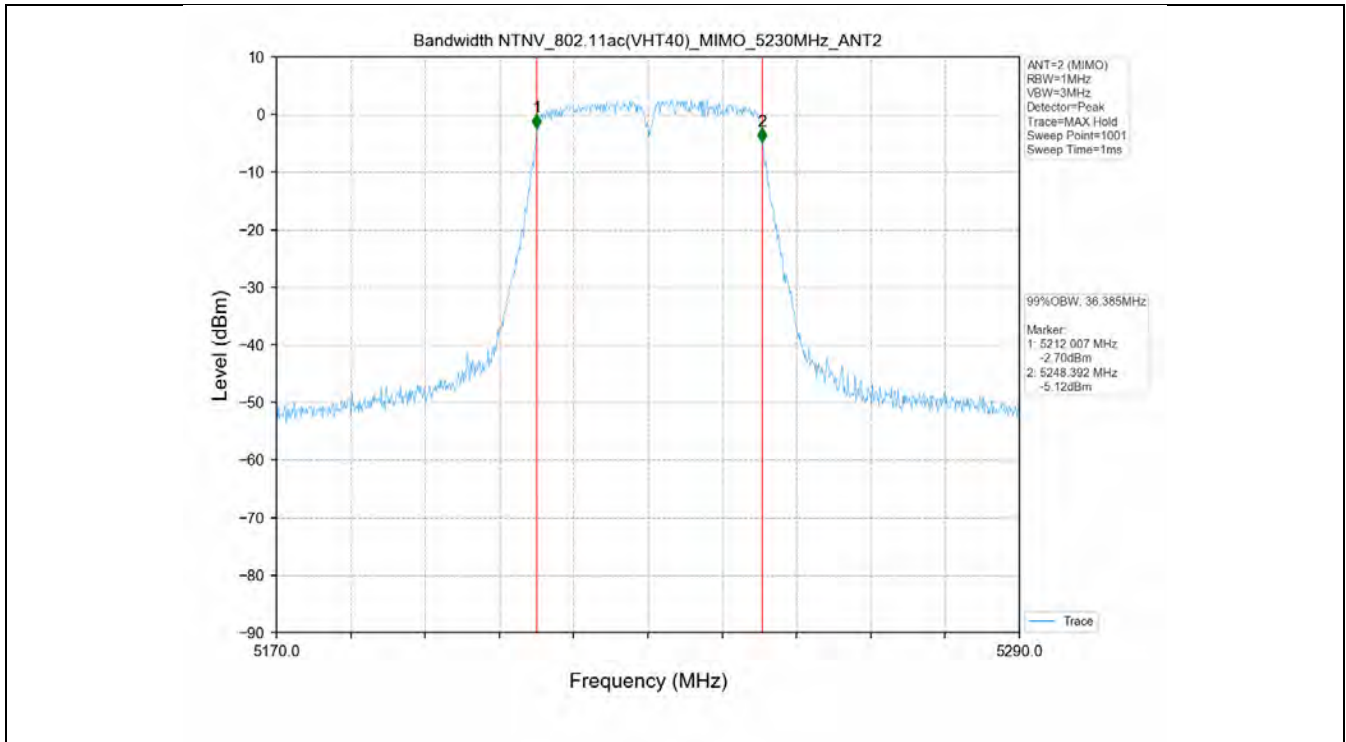


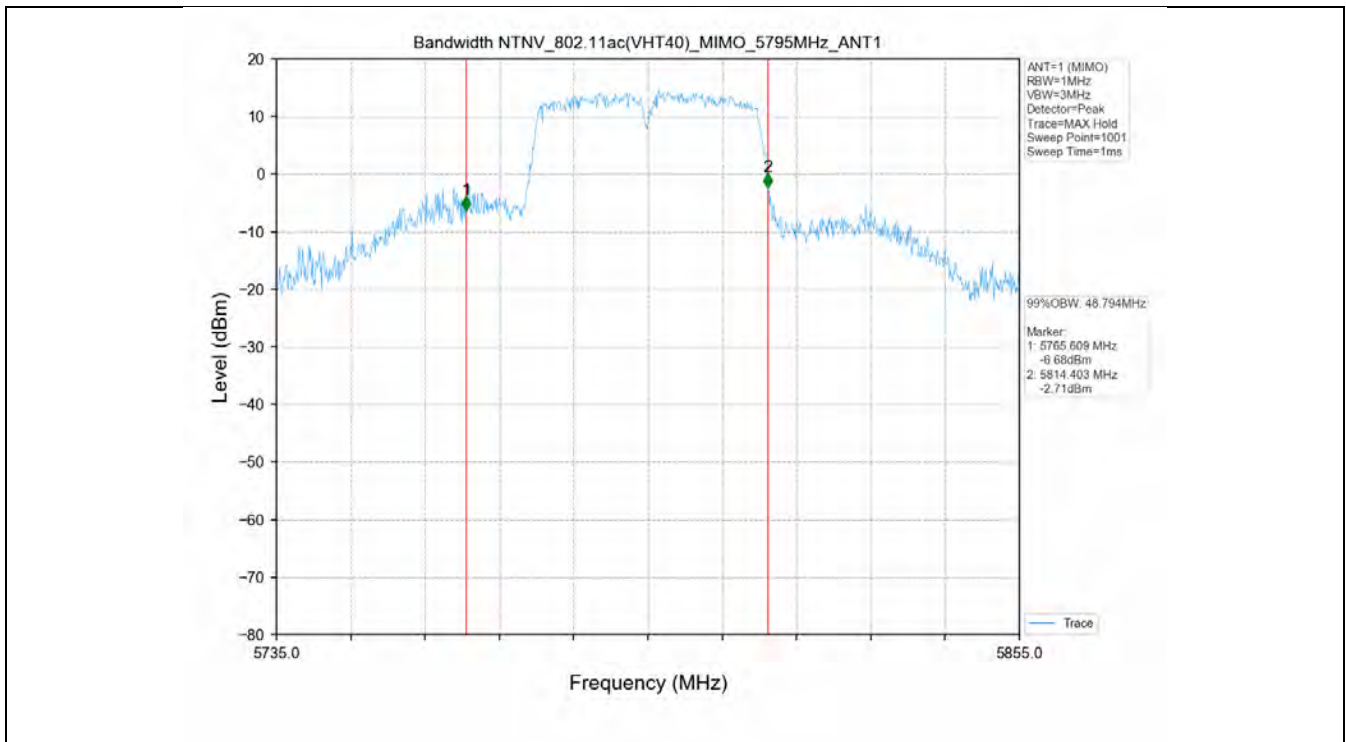
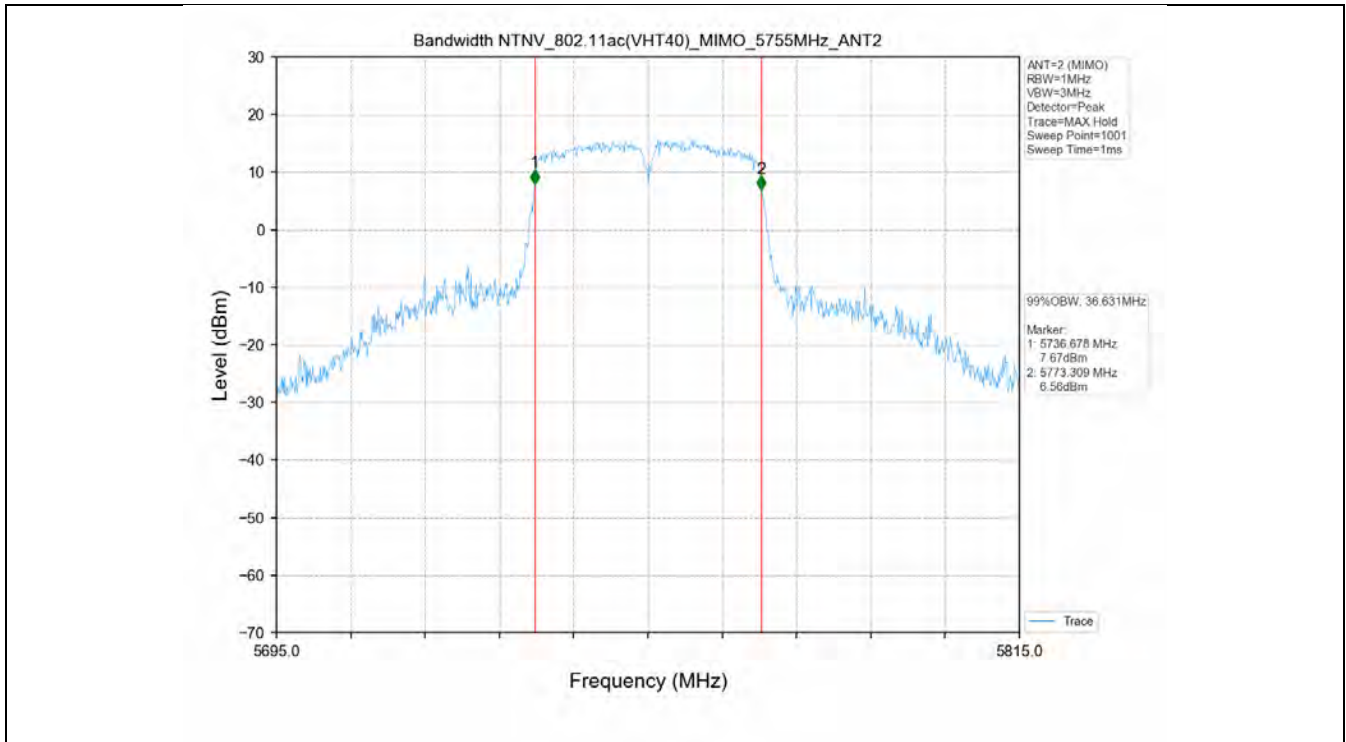


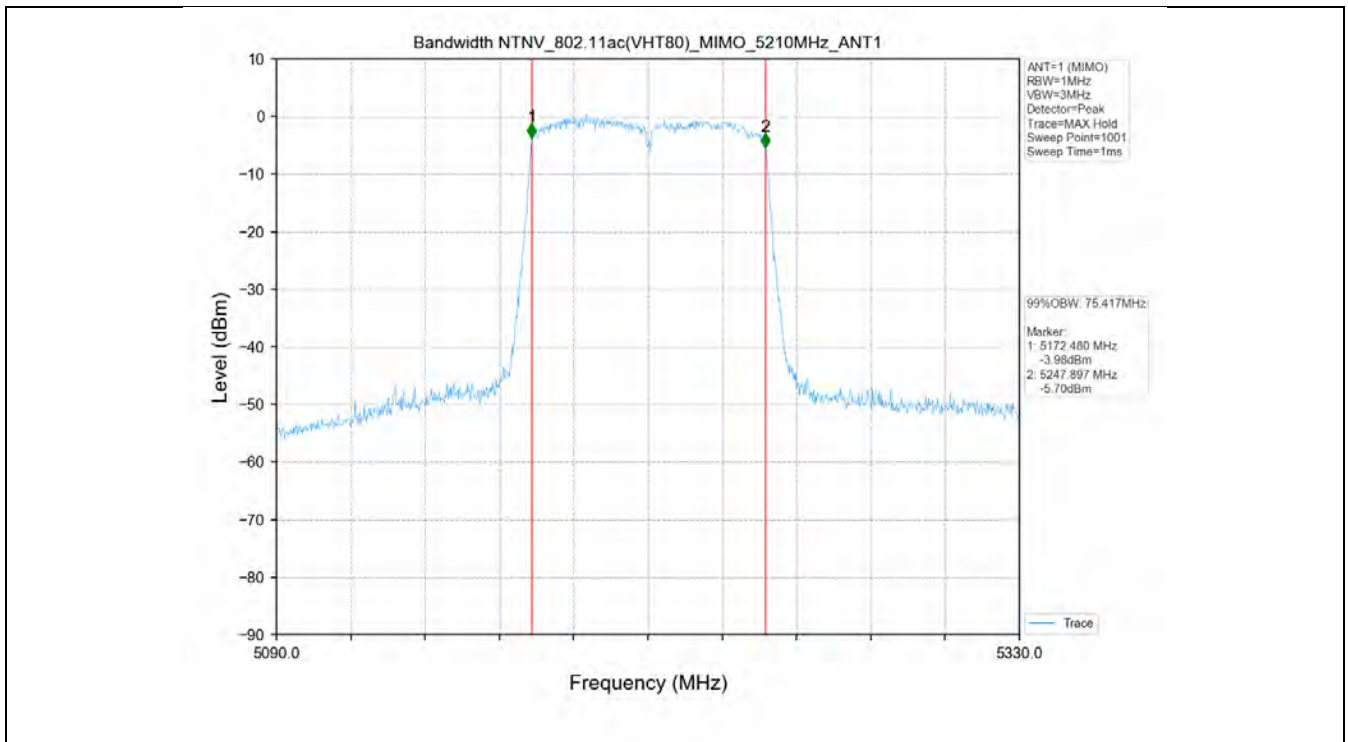
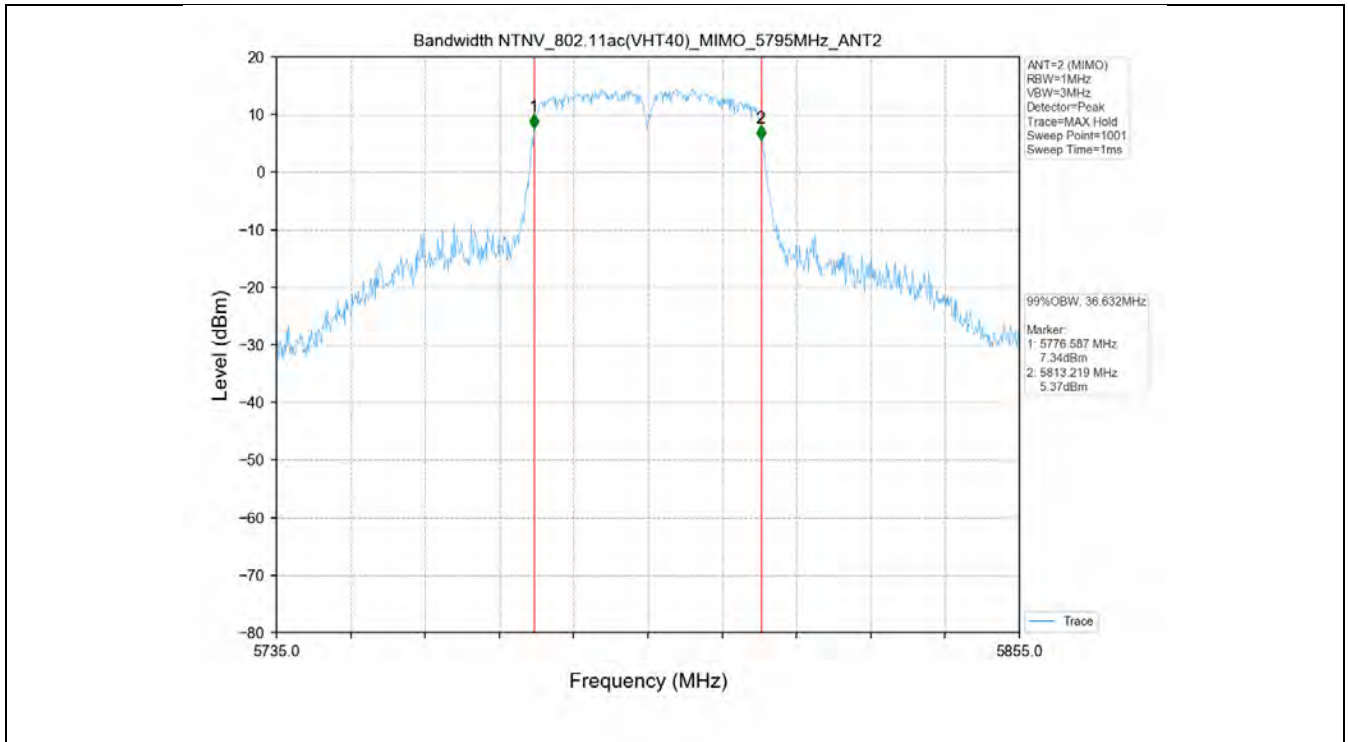


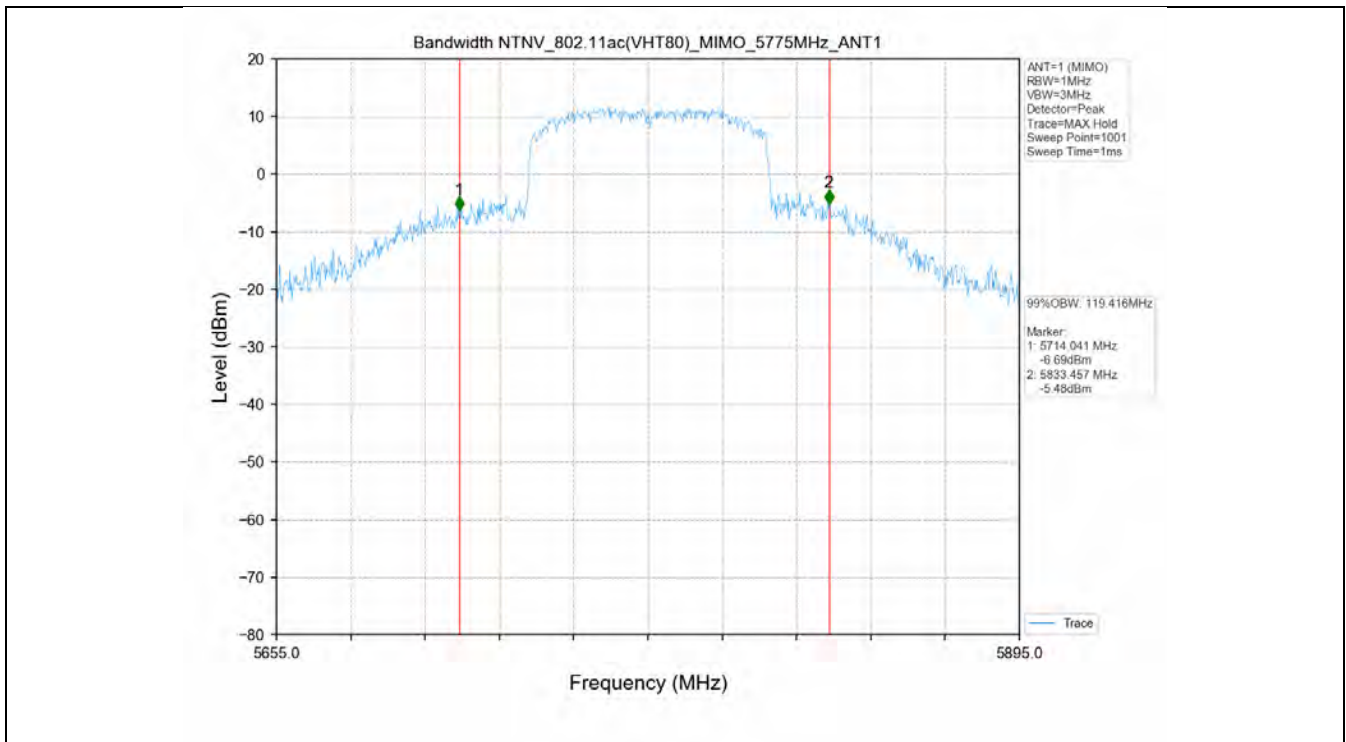
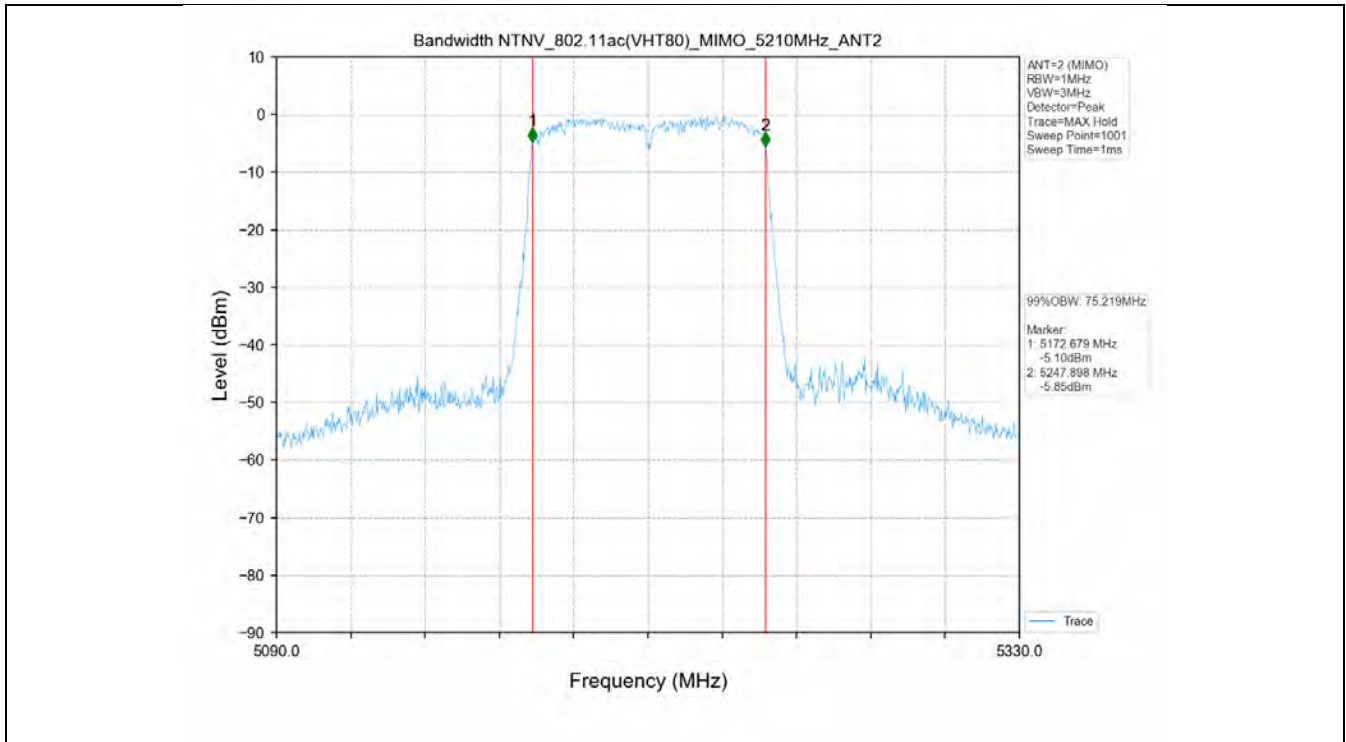


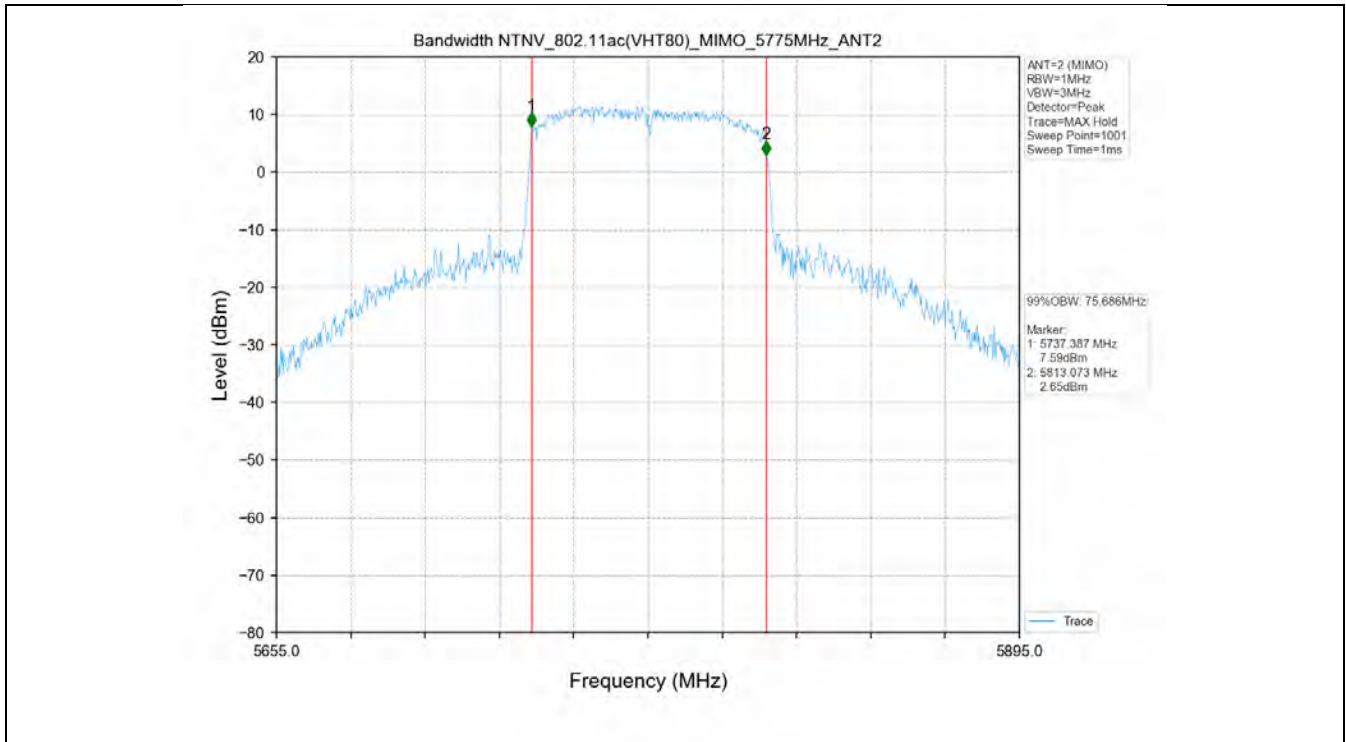












3. Maximum Conducted Output Power

3.1 Test Result

For FCC

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)			Limits (dBm)	Verdict
			Ant 1	Ant 2	Total		
802.11a	5180	SISO	12.93	12.91	/	≤24	PASS
	5200	SISO	13.13	13.18	/	≤24	PASS
	5240	SISO	14.09	13.19	/	≤24	PASS
	5745	SISO	20.90	20.88	/	≤30	PASS
	5785	SISO	20.34	20.38	/	≤30	PASS
	5825	SISO	19.47	20.03	/	≤30	PASS
802.11n(HT20)	5180	MIMO	9.05	9.28	12.18	≤23.84	PASS
	5200	MIMO	8.46	8.20	11.34	≤23.84	PASS
	5240	MIMO	9.30	8.37	11.87	≤23.84	PASS
	5745	MIMO	20.85	21.08	23.98	≤29.84	PASS
	5785	MIMO	20.47	20.28	23.39	≤29.84	PASS
	5825	MIMO	19.63	20.06	22.86	≤29.84	PASS
802.11n(HT40)	5190	MIMO	8.81	8.46	11.65	≤23.84	PASS
	5230	MIMO	9.50	8.83	12.19	≤23.84	PASS
	5755	MIMO	19.39	19.47	22.44	≤29.84	PASS
	5795	MIMO	20.22	20.21	23.23	≤29.84	PASS
802.11ac(VHT20)	5180	MIMO	8.77	8.68	11.74	≤23.84	PASS
	5200	MIMO	9.50	9.21	12.37	≤23.84	PASS
	5240	MIMO	9.79	9.18	12.51	≤23.84	PASS
	5745	MIMO	20.61	20.79	23.71	≤29.84	PASS



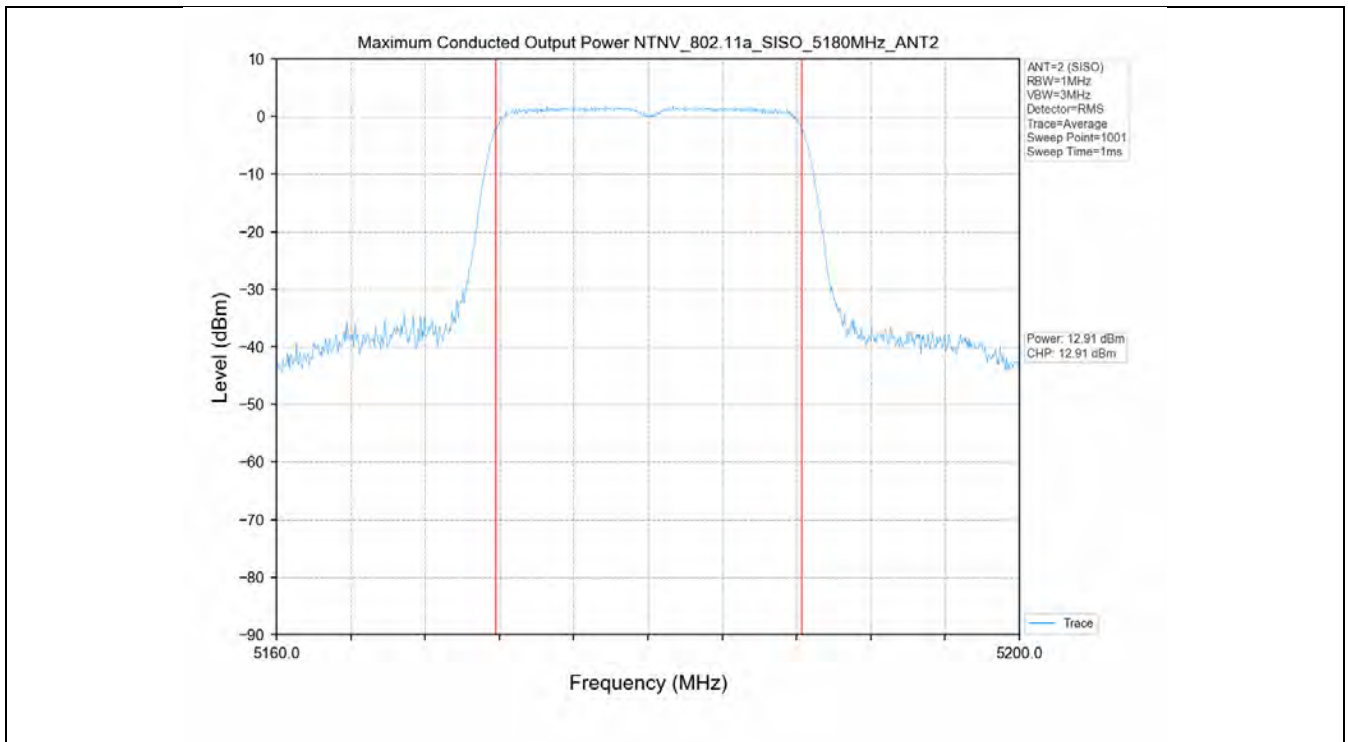
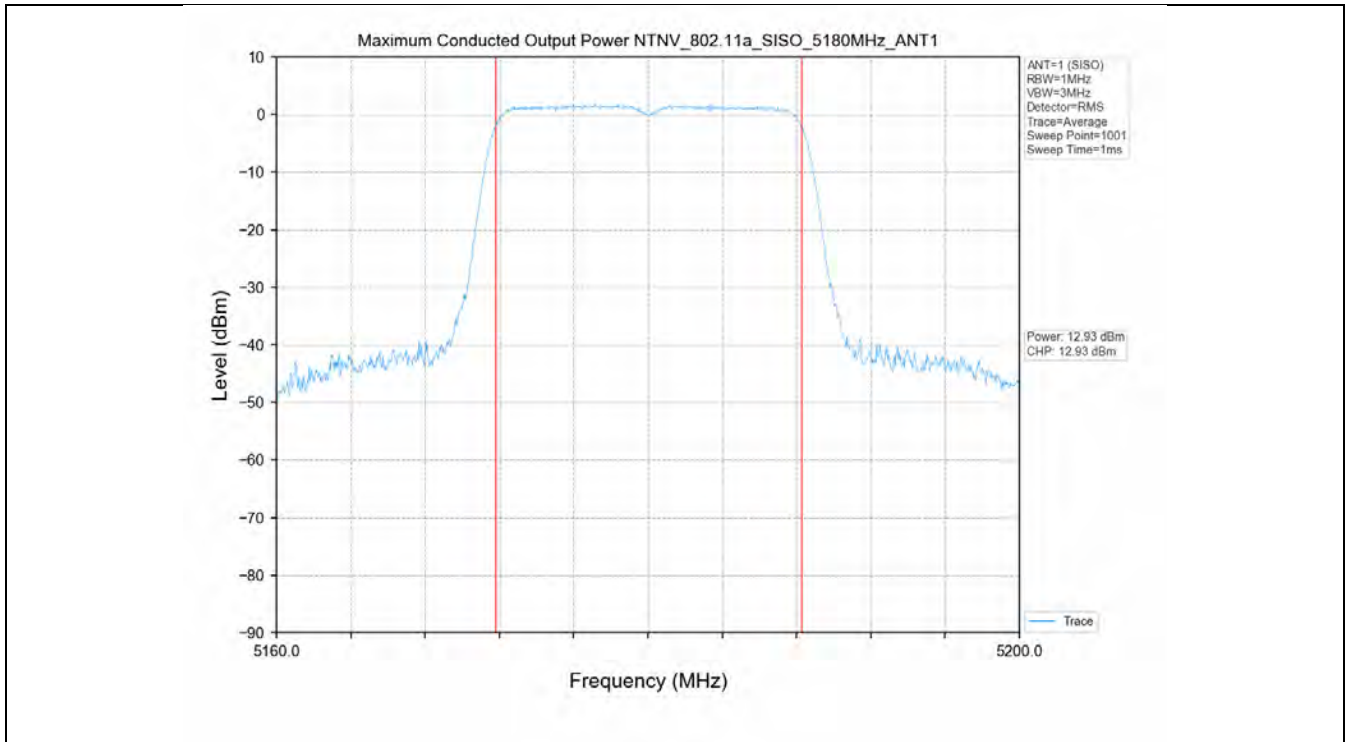
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

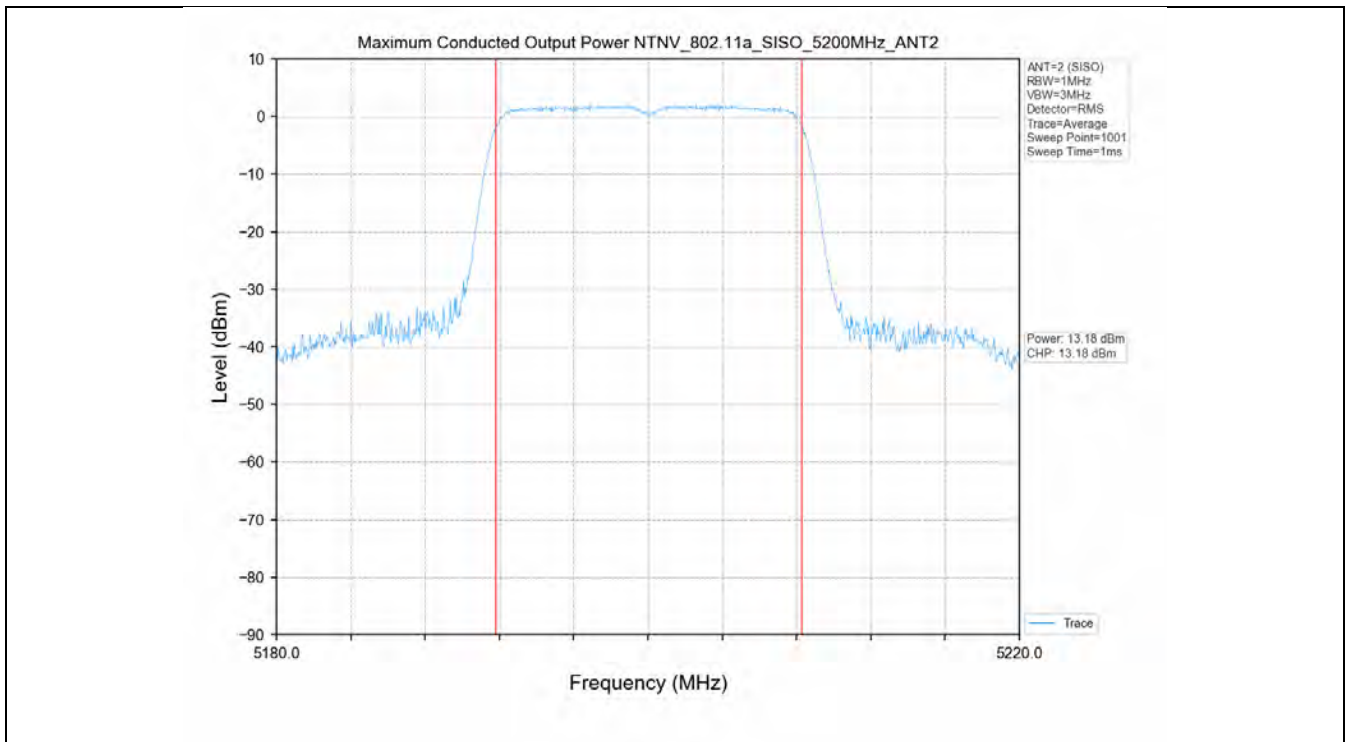
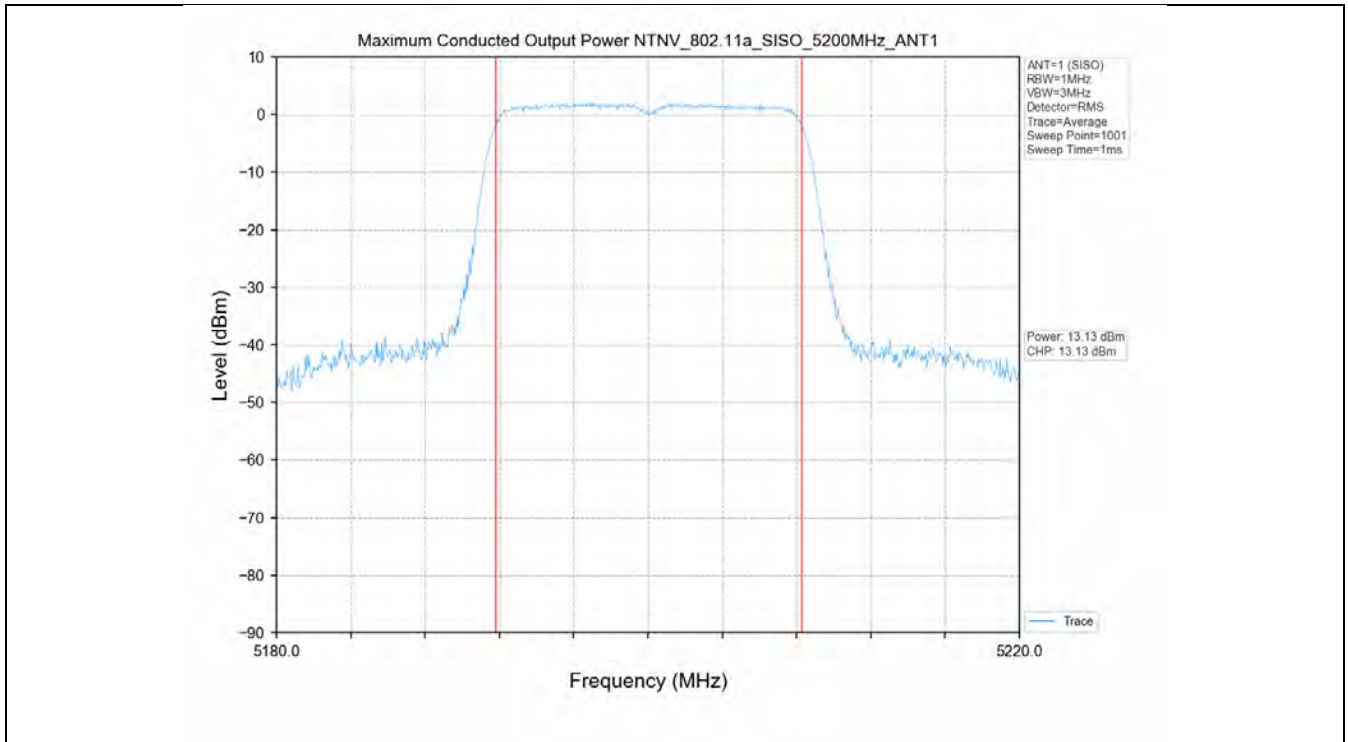
802.11ac(VHT40)	5785	MIMO	20.37	20.32	23.36	≤29.84	PASS
	5825	MIMO	19.64	20.03	22.85	≤29.84	PASS
	5190	MIMO	9.02	8.75	11.90	≤23.84	PASS
	5230	MIMO	9.52	8.86	12.21	≤23.84	PASS
	5755	MIMO	19.79	19.53	22.67	≤29.84	PASS
	5795	MIMO	20.21	20.35	23.29	≤29.84	PASS
802.11ac(VHT80)	5210	MIMO	9.54	9.43	12.50	≤23.84	PASS
	5775	MIMO	19.27	18.59	21.95	≤29.84	PASS

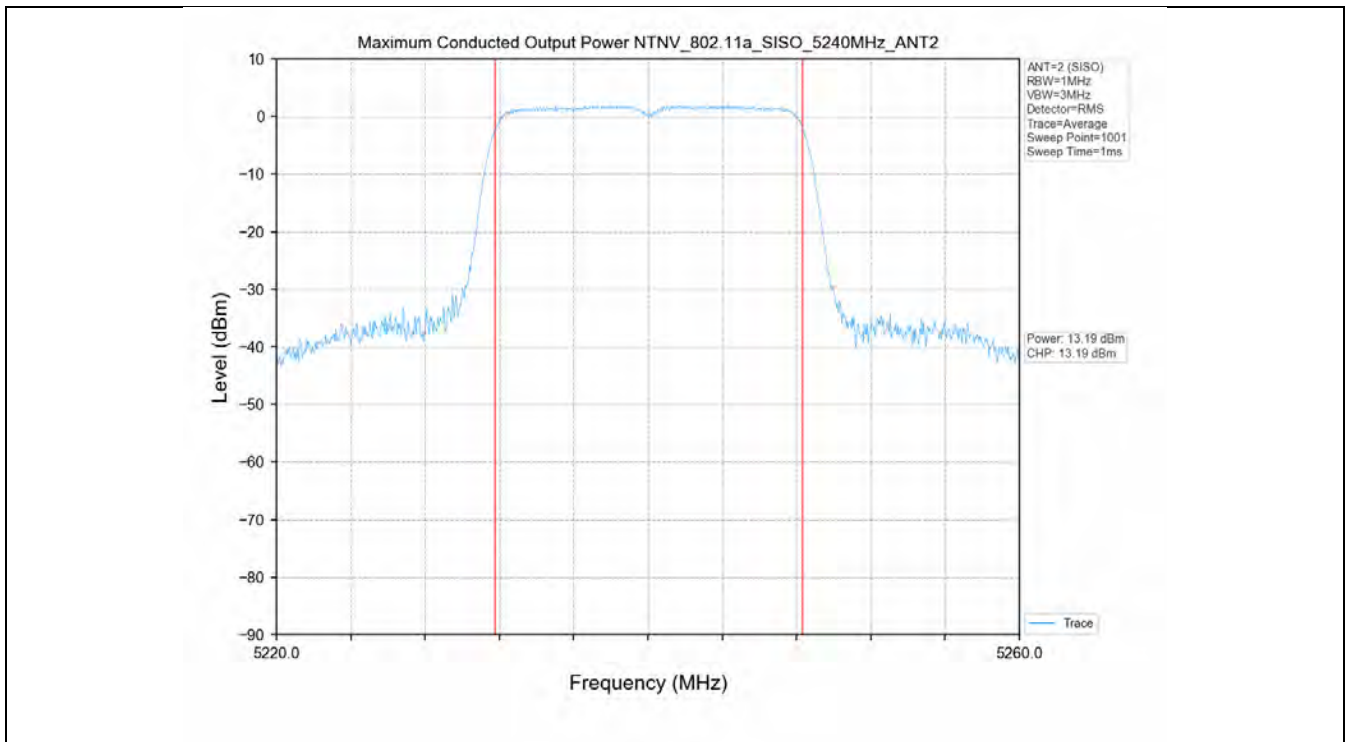
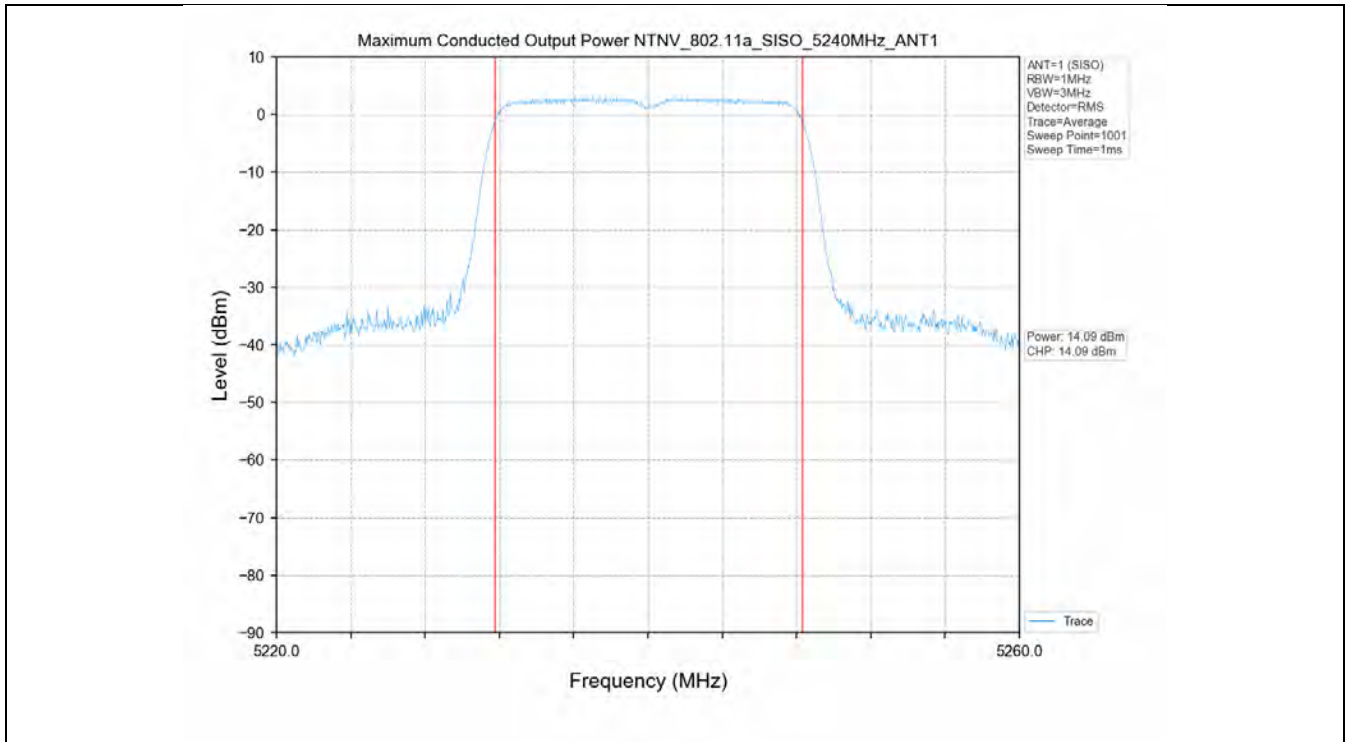
For IC

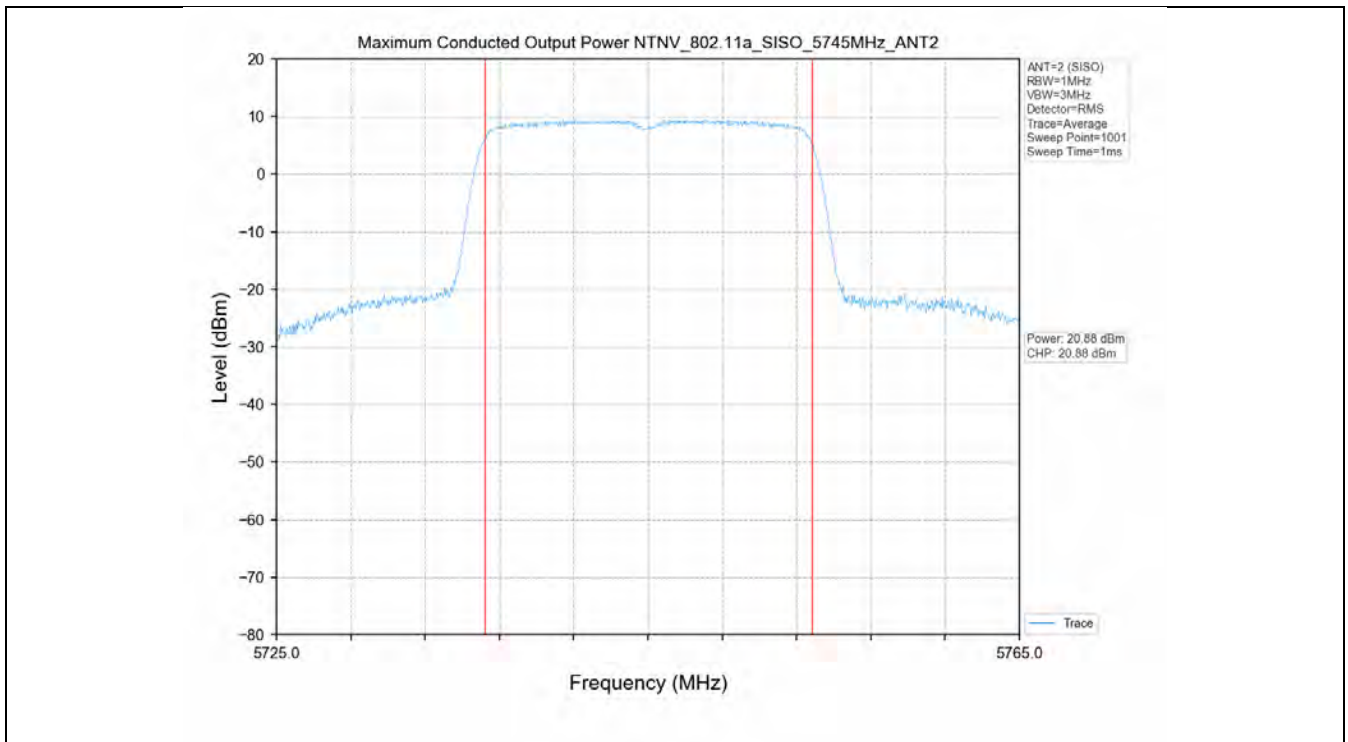
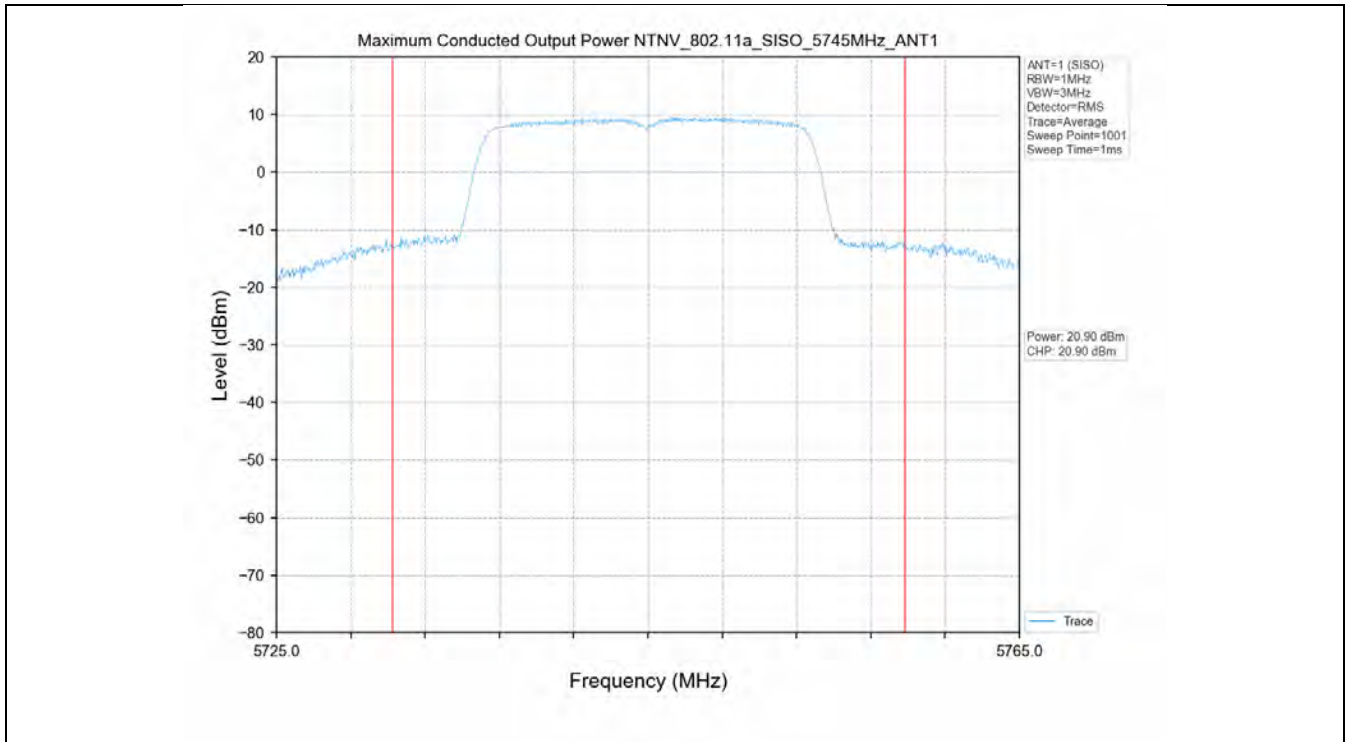
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)			EIRP (dBm)			Limits (dBm)	Verdict
			Ant 1	Ant 2	Total	Ant 1	Ant 2	Total		
802.11a	5180	SISO	12.93	12.91	/	16.08	16.06	/	≤23	PASS
	5200	SISO	13.13	13.18	/	16.28	16.33	/	≤23	PASS
	5240	SISO	14.09	13.19	/	17.24	16.34	/	≤23	PASS
	5745	SISO	20.90	20.88	/	/	/	/	≤29.84	PASS
	5785	SISO	20.34	20.38	/	/	/	/	≤29.84	PASS
	5825	SISO	19.47	20.03	/	/	/	/	≤29.84	PASS
802.11n (HT20)	5180	MIMO	9.05	9.28	12.18	15.21	15.44	18.34	≤23	PASS
	5200	MIMO	8.46	8.20	11.34	14.62	14.36	17.50	≤23	PASS
	5240	MIMO	9.30	8.37	11.87	15.46	14.53	18.03	≤23	PASS
	5745	MIMO	20.85	21.08	23.98	/	/	/	≤29.84	PASS
	5785	MIMO	20.47	20.28	23.39	/	/	/	≤29.84	PASS
	5825	MIMO	19.63	20.06	22.86	/	/	/	≤29.84	PASS
802.11n (HT40)	5190	MIMO	8.81	8.46	11.65	14.97	14.62	17.81	≤23	PASS
	5230	MIMO	9.50	8.83	12.19	15.66	14.99	18.35	≤23	PASS
	5755	MIMO	19.39	19.47	22.44	/	/	/	≤29.84	PASS
	5795	MIMO	20.22	20.21	23.23	/	/	/	≤29.84	PASS
802.11ac (VHT20)	5180	MIMO	8.77	8.68	11.74	14.93	14.84	17.90	≤23	PASS
	5200	MIMO	9.50	9.21	12.37	15.66	15.37	18.53	≤23	PASS
	5240	MIMO	9.79	9.18	12.51	15.95	15.34	18.67	≤23	PASS
	5745	MIMO	20.61	20.79	23.71	/	/	/	≤29.84	PASS
	5785	MIMO	20.37	20.32	23.36	/	/	/	≤29.84	PASS
	5825	MIMO	19.64	20.03	22.85	/	/	/	≤29.84	PASS
802.11ac (VHT40)	5190	MIMO	9.02	8.75	11.90	15.18	14.91	18.06	≤23	PASS
	5230	MIMO	9.52	8.86	12.21	15.68	15.02	18.37	≤23	PASS
	5755	MIMO	19.79	19.53	22.67	/	/	/	≤29.84	PASS
	5795	MIMO	20.21	20.35	23.29	/	/	/	≤29.84	PASS
802.11ac (VHT80)	5210	MIMO	9.54	9.43	12.50	15.7	15.59	18.66	≤23	PASS
	5775	MIMO	19.27	18.59	21.95	/	/	/	≤29.84	PASS

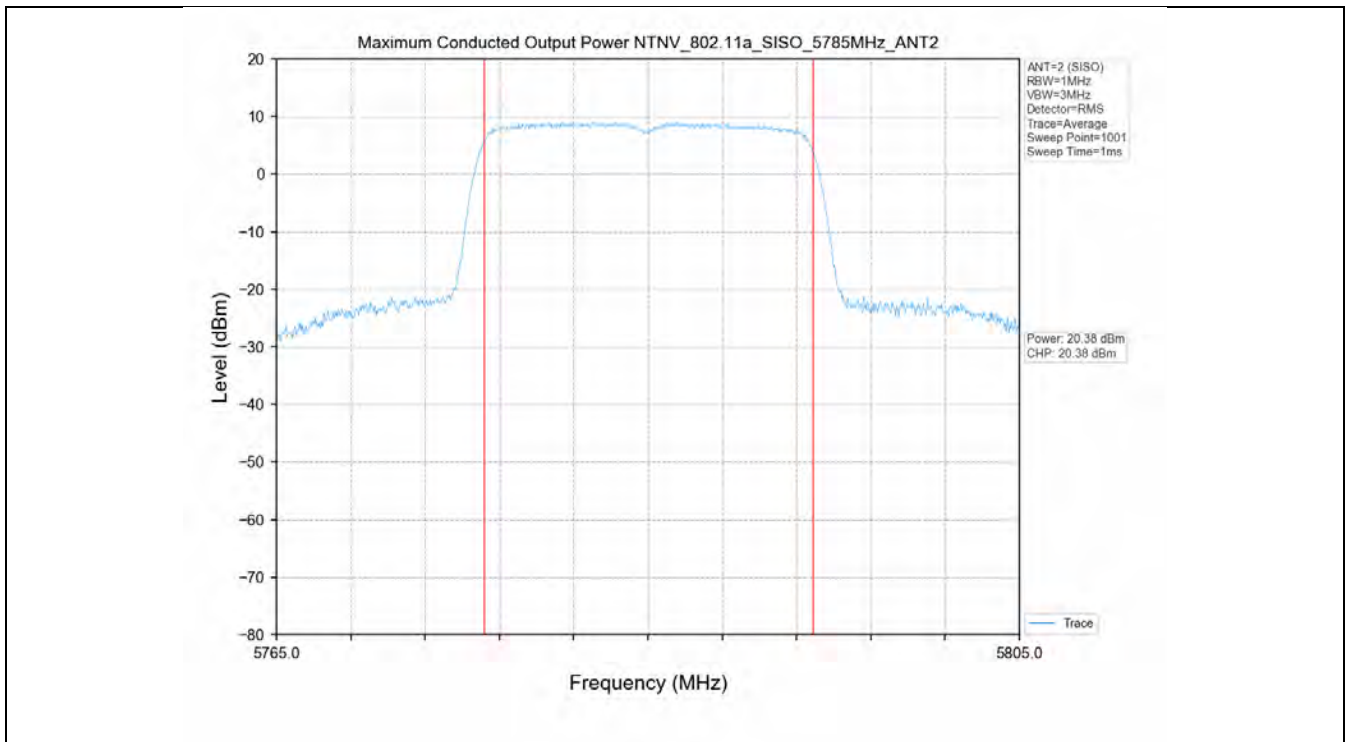
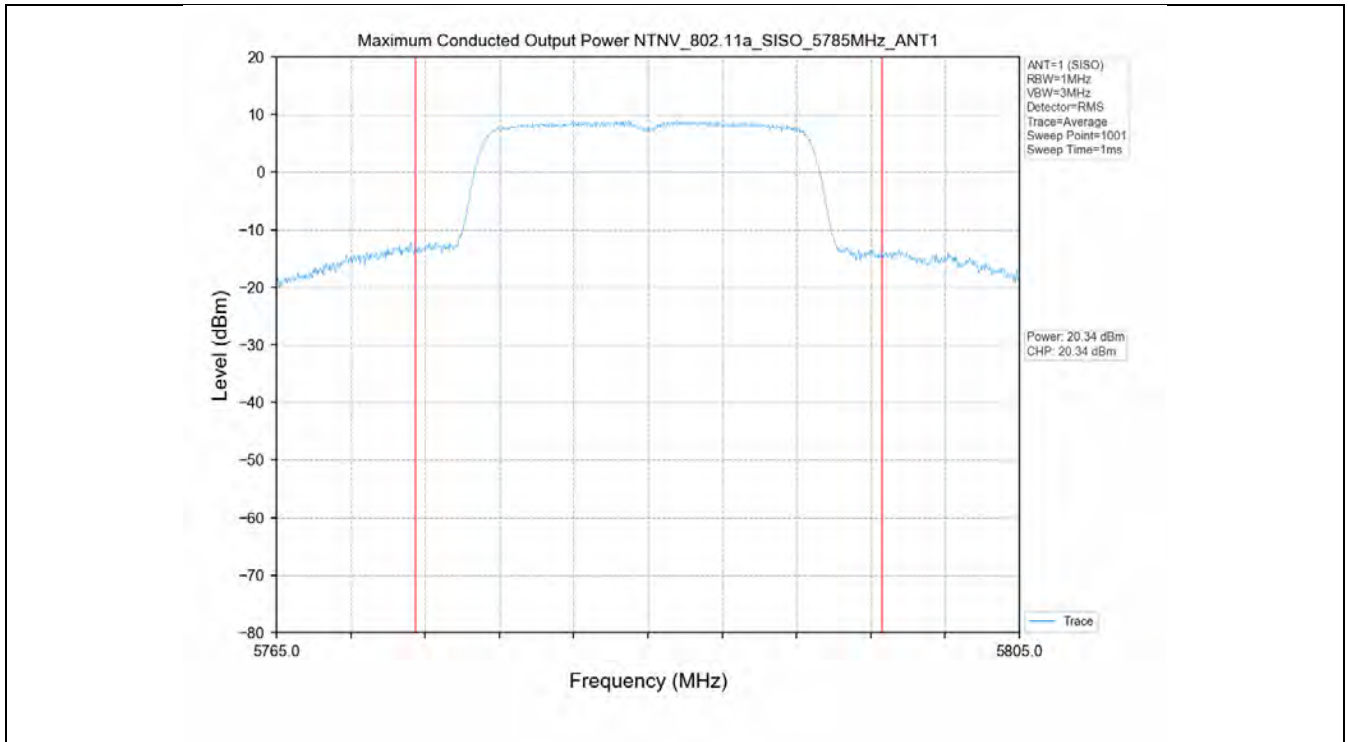
3.2 Test Graph

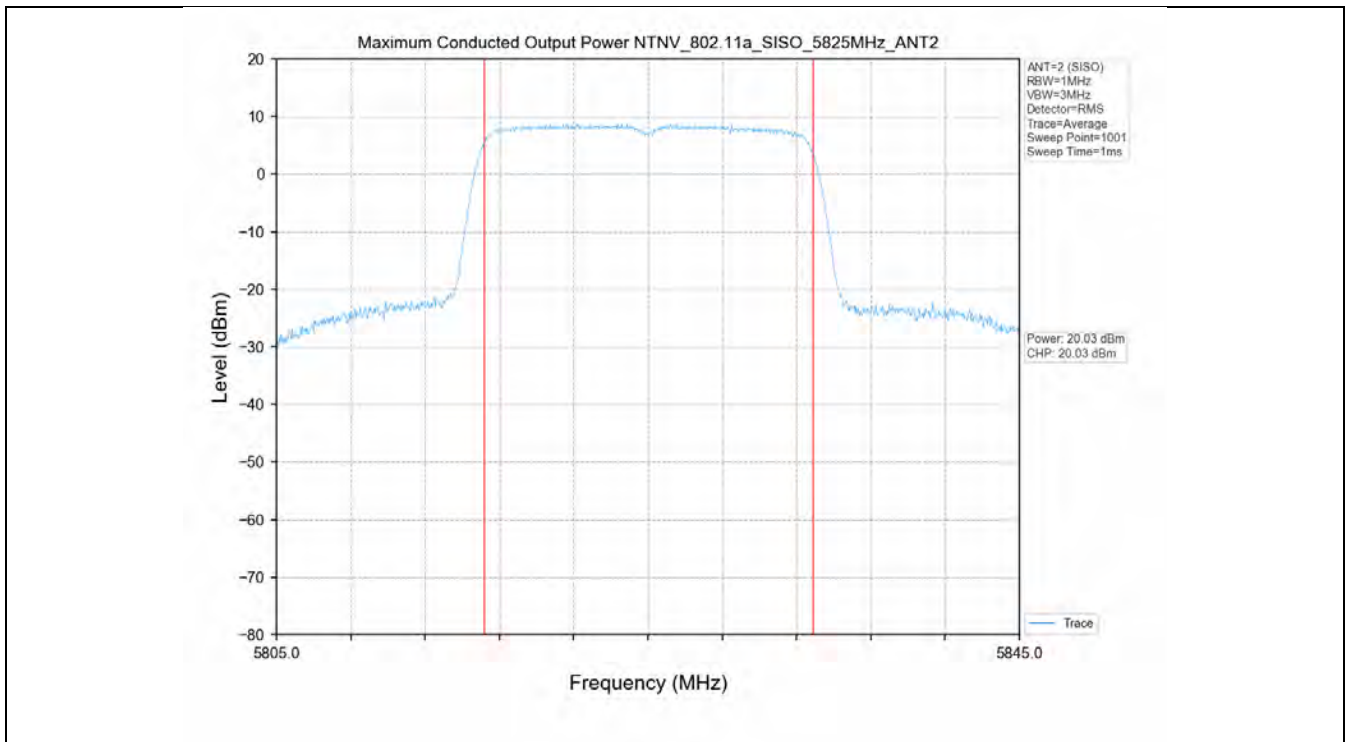
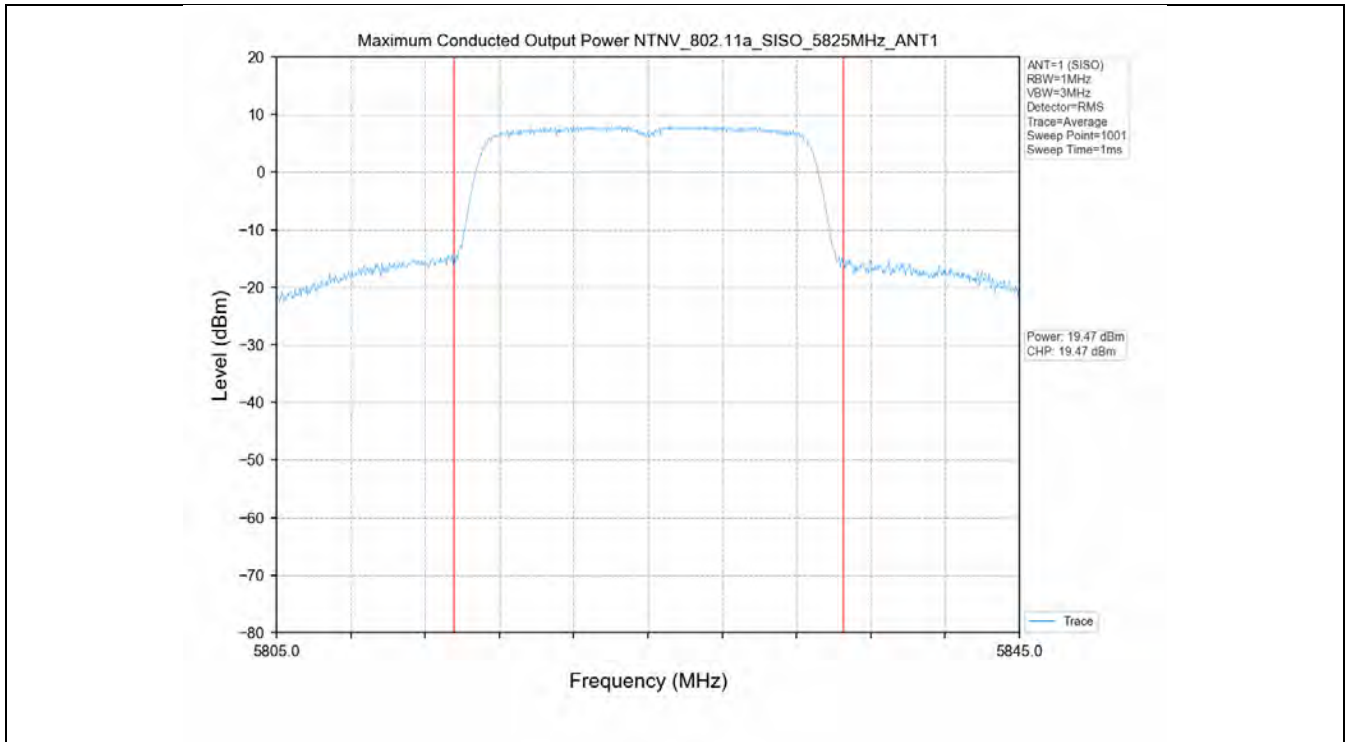


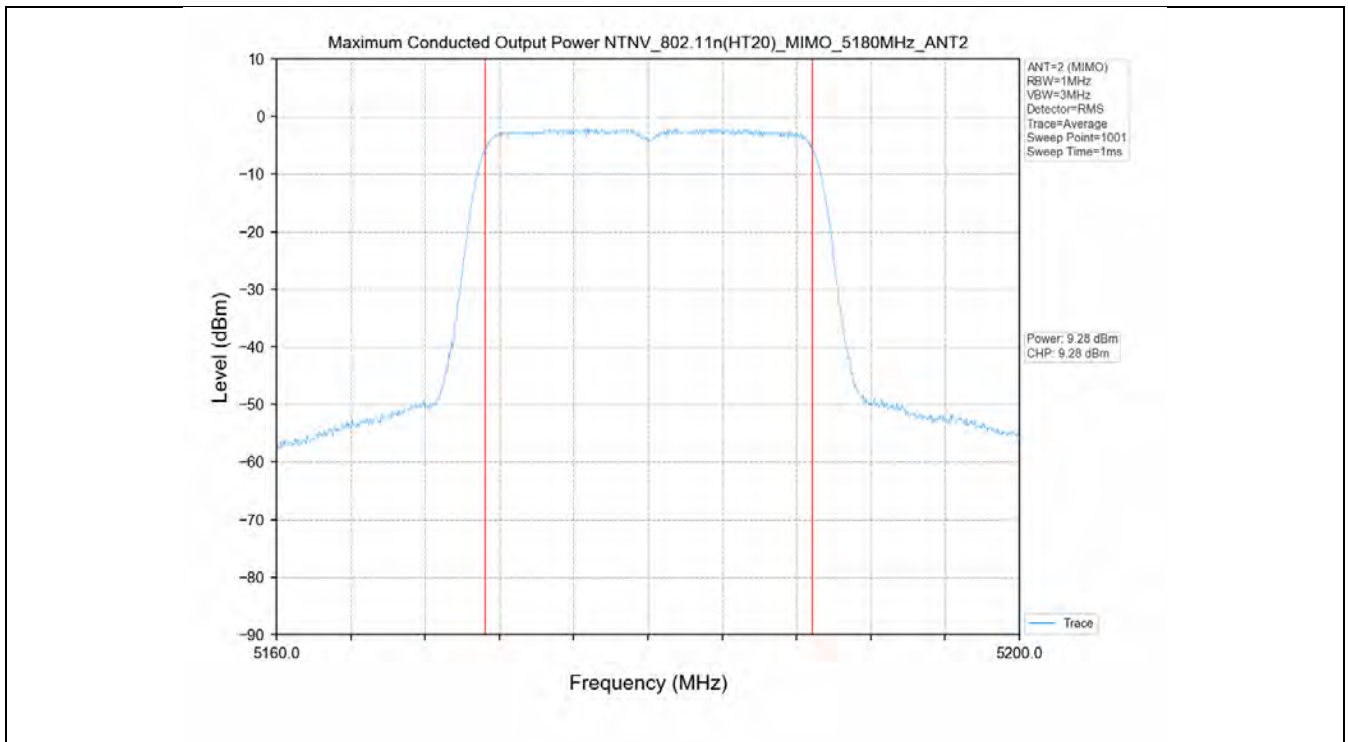
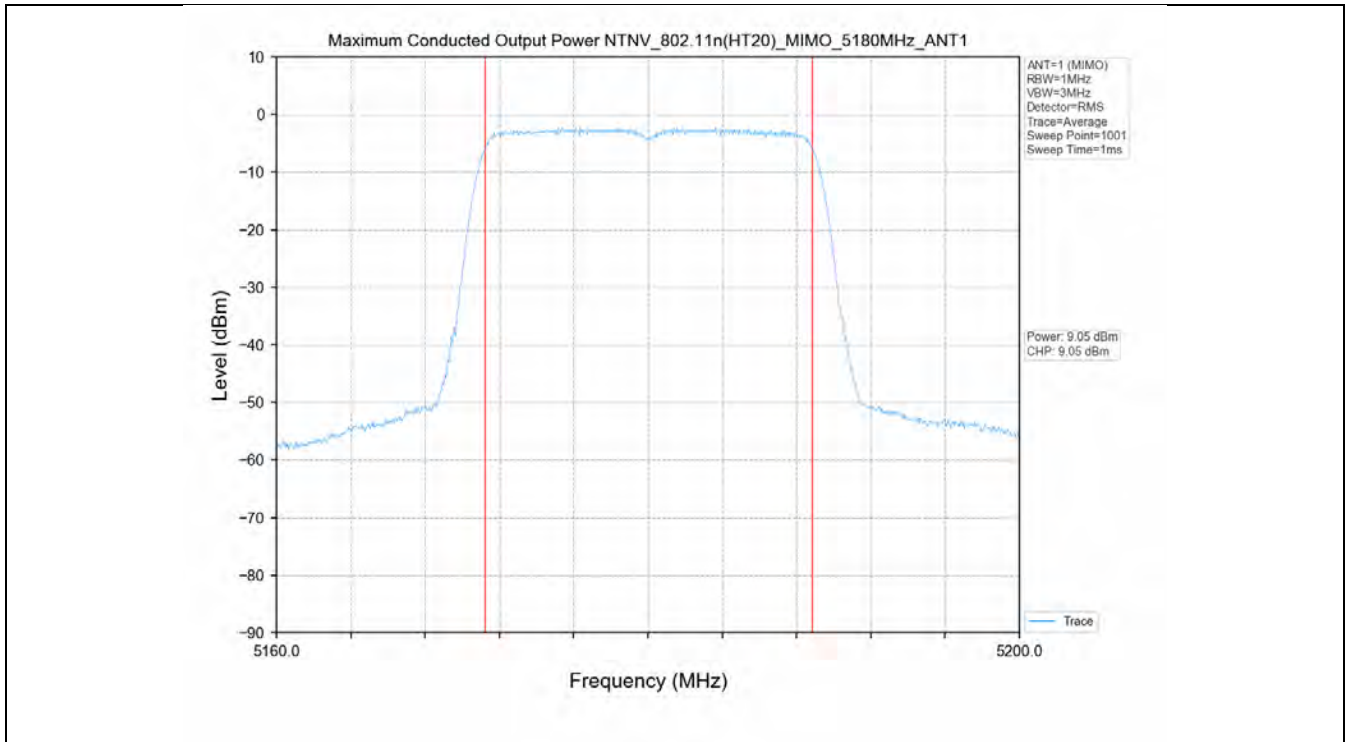


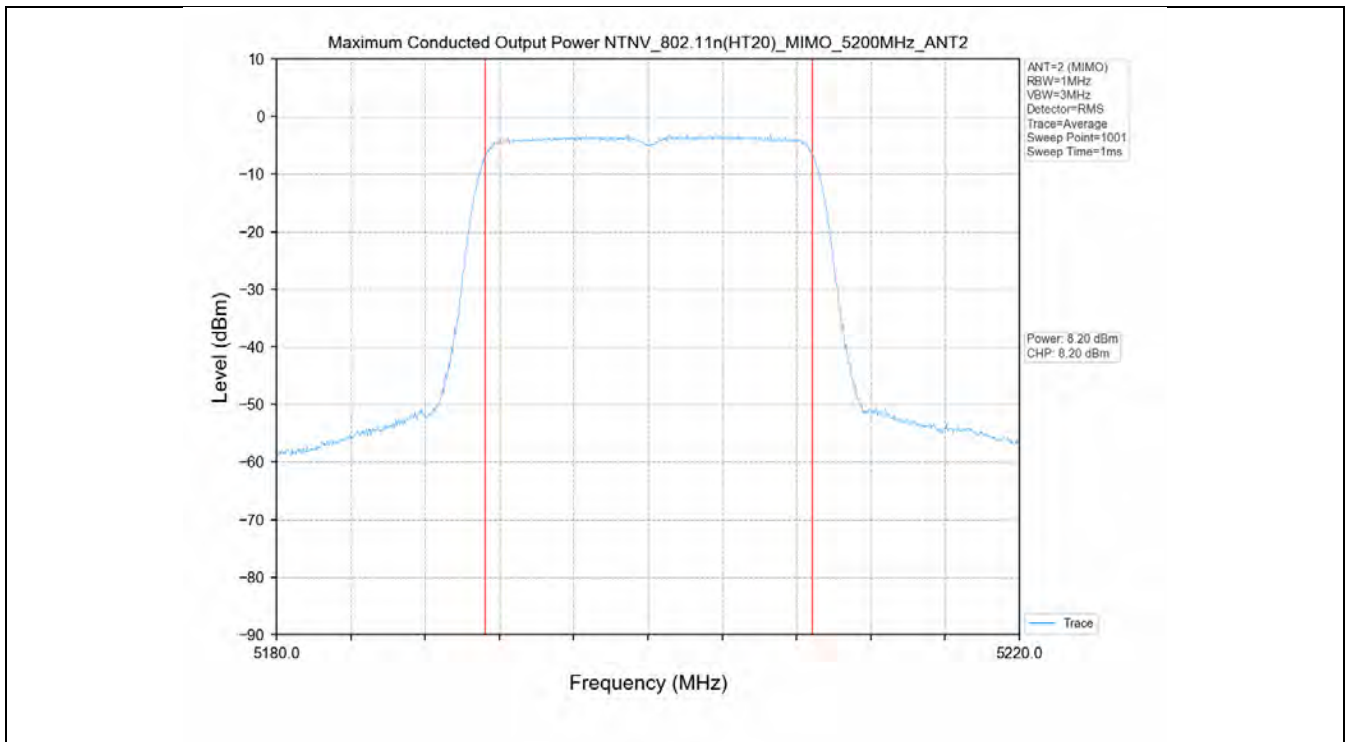
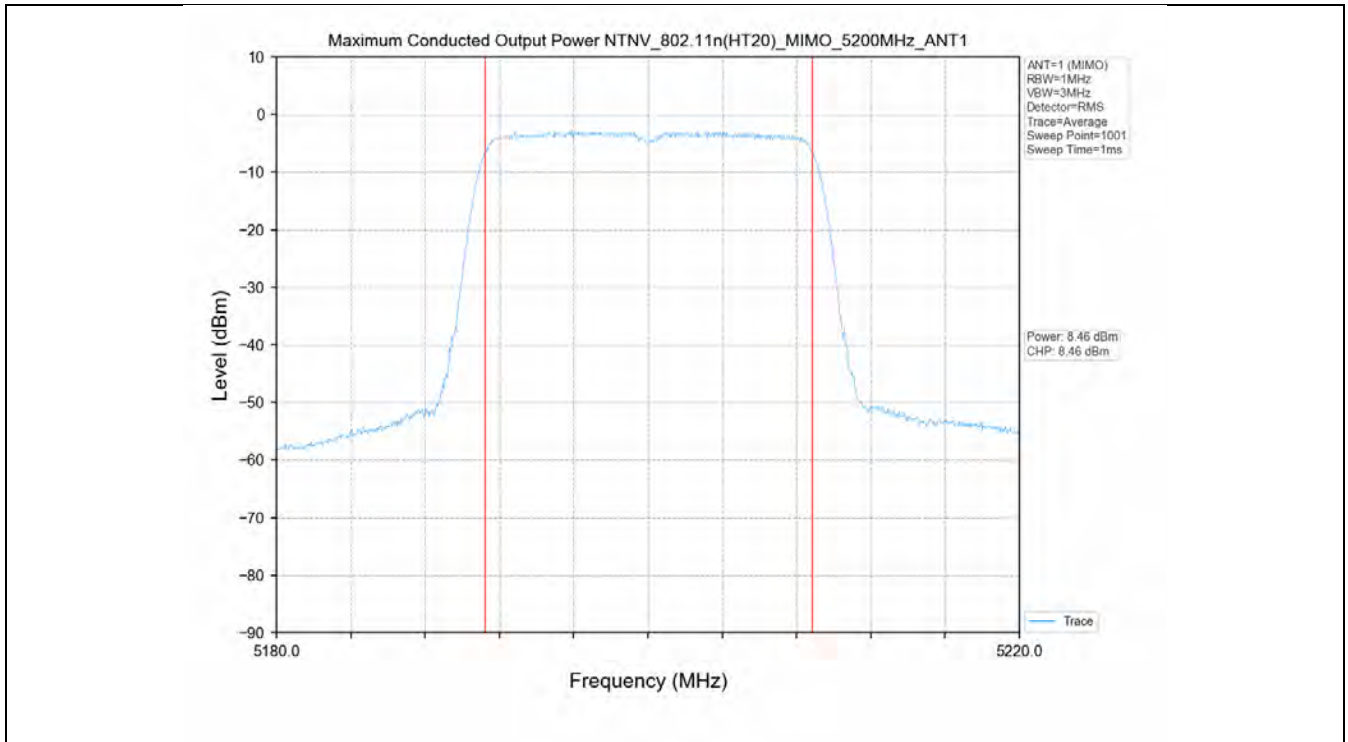


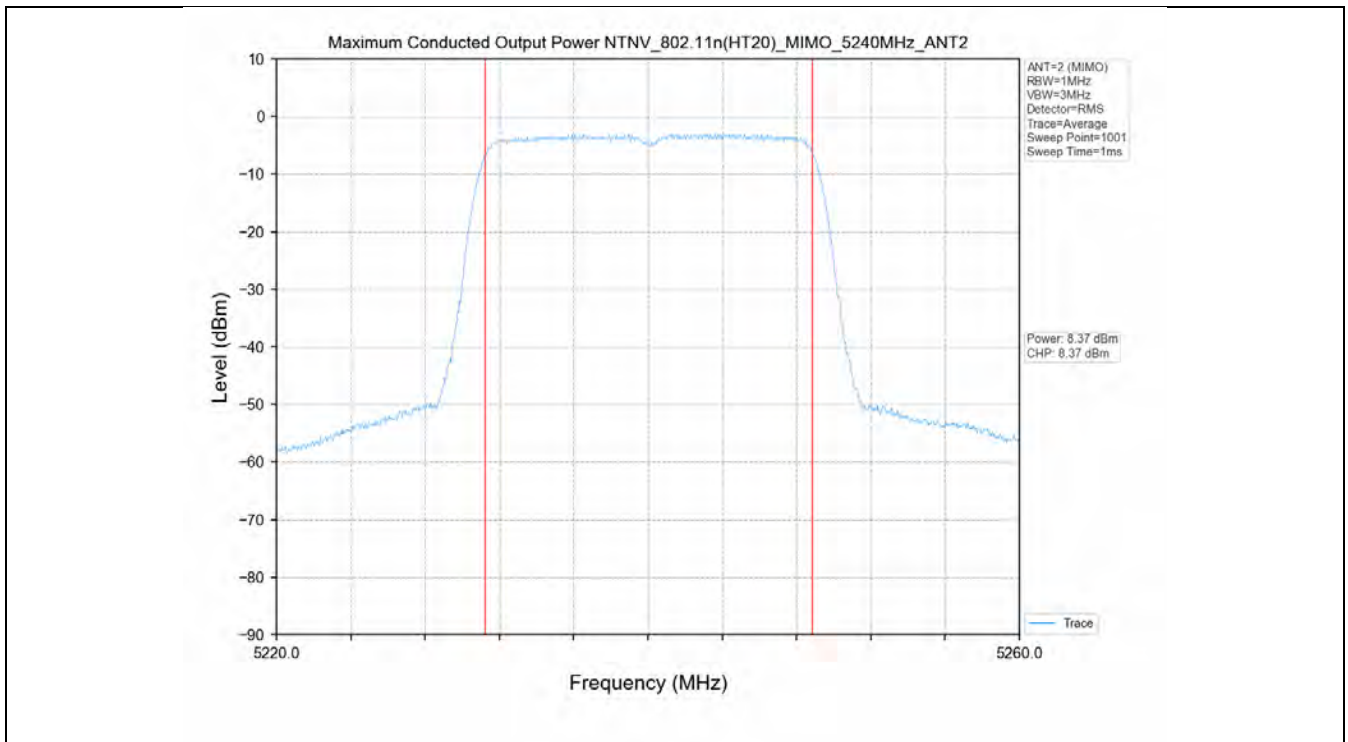
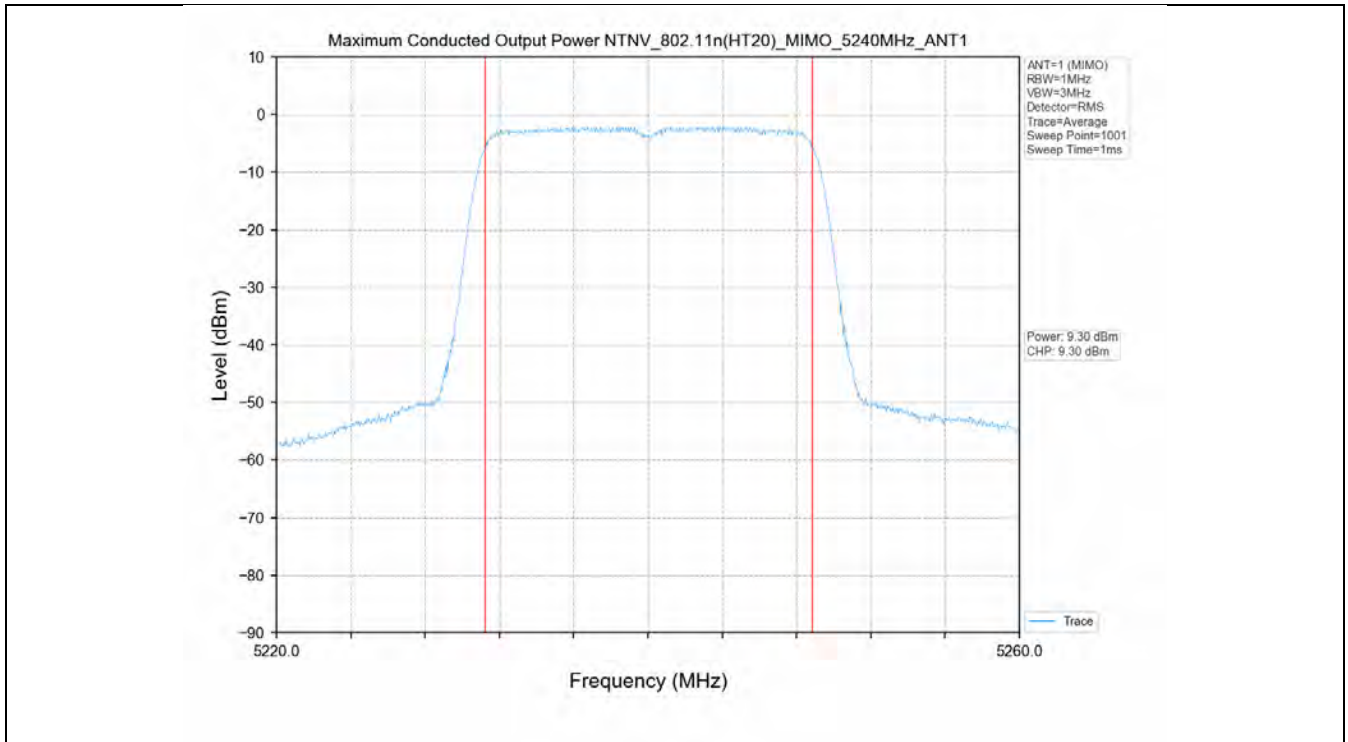


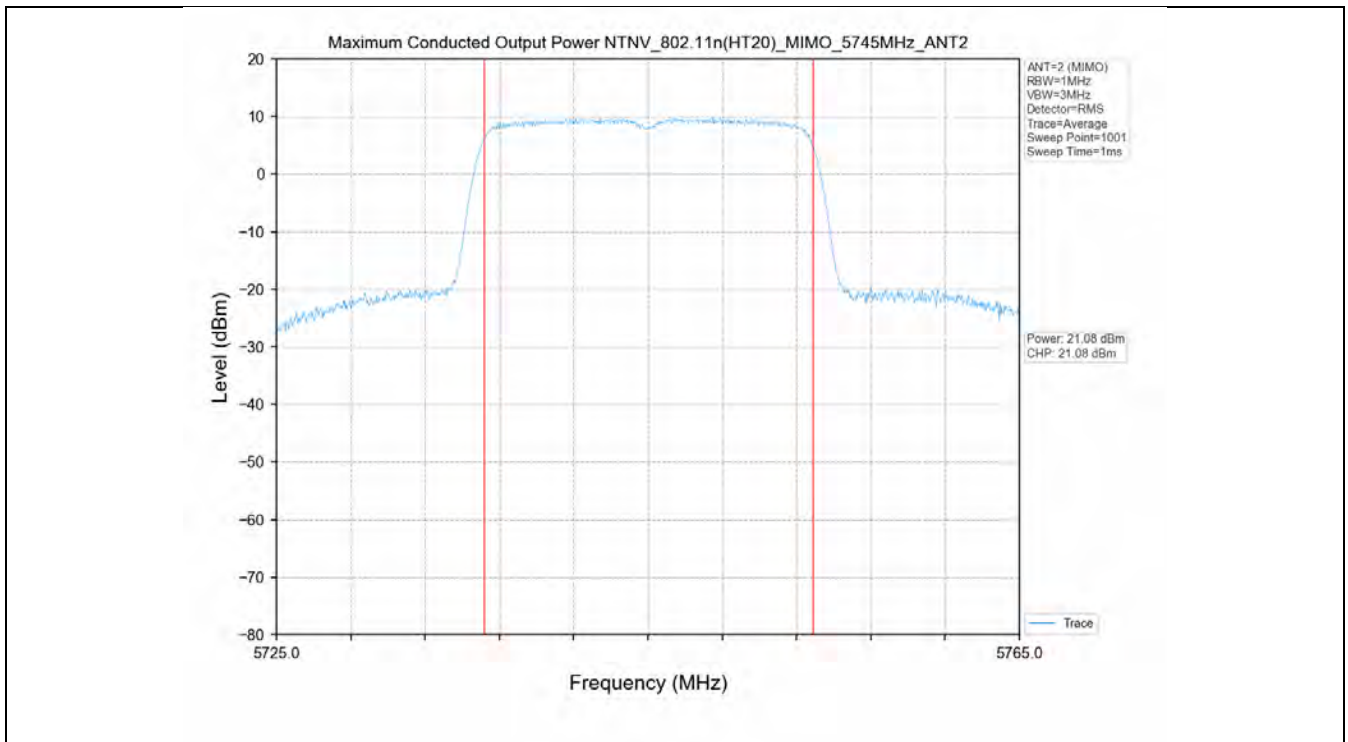
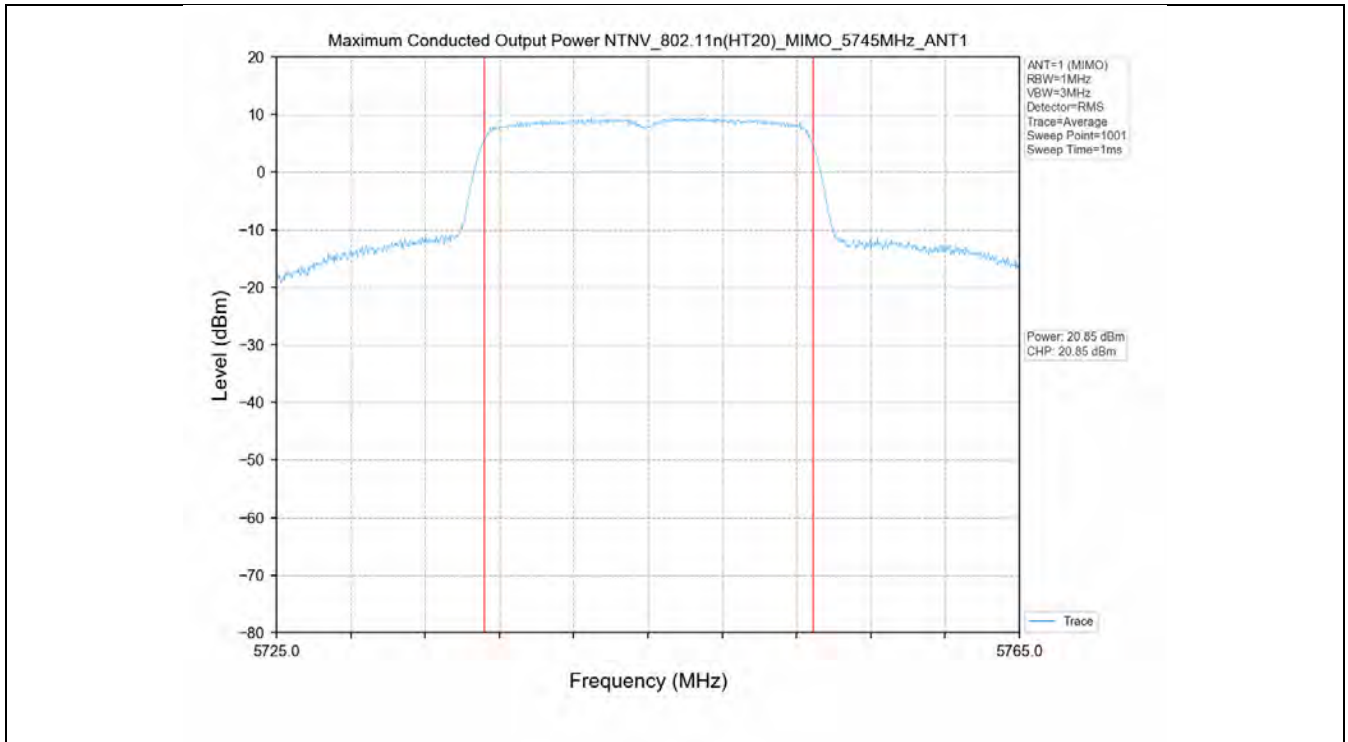


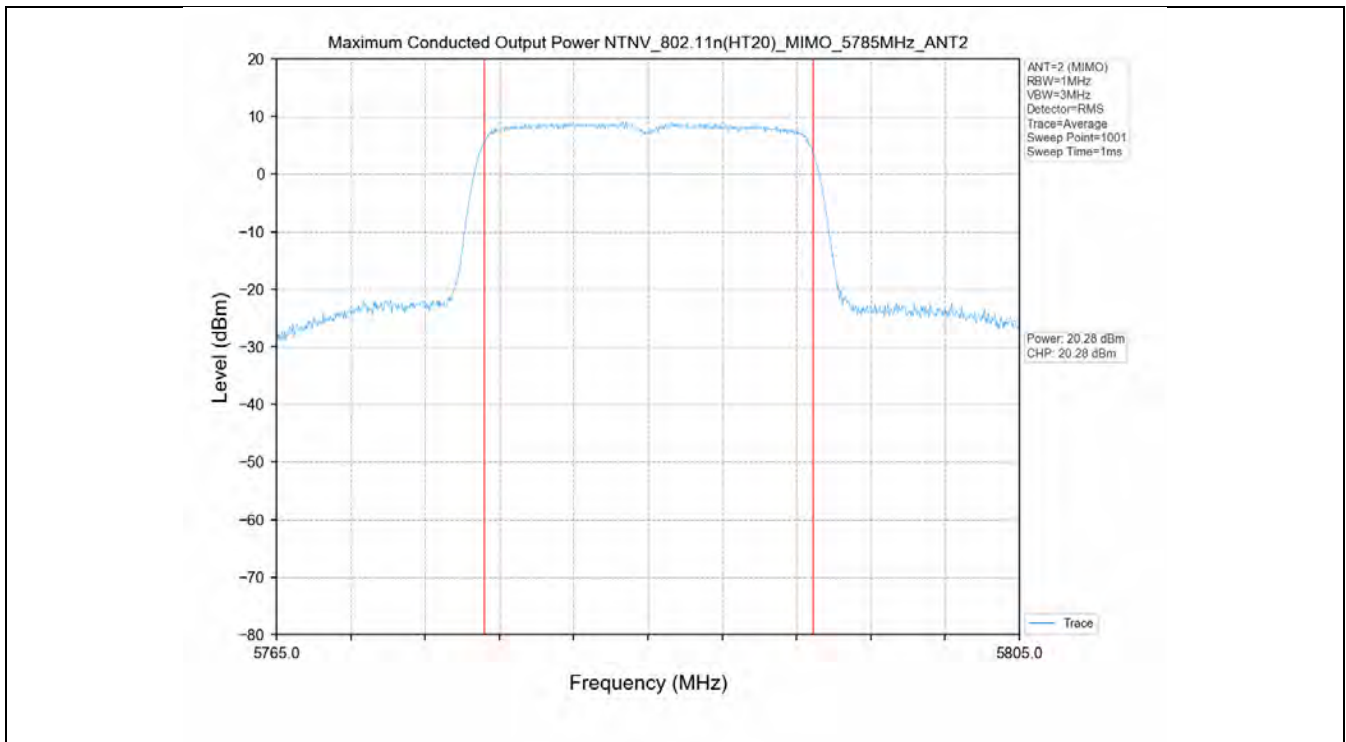
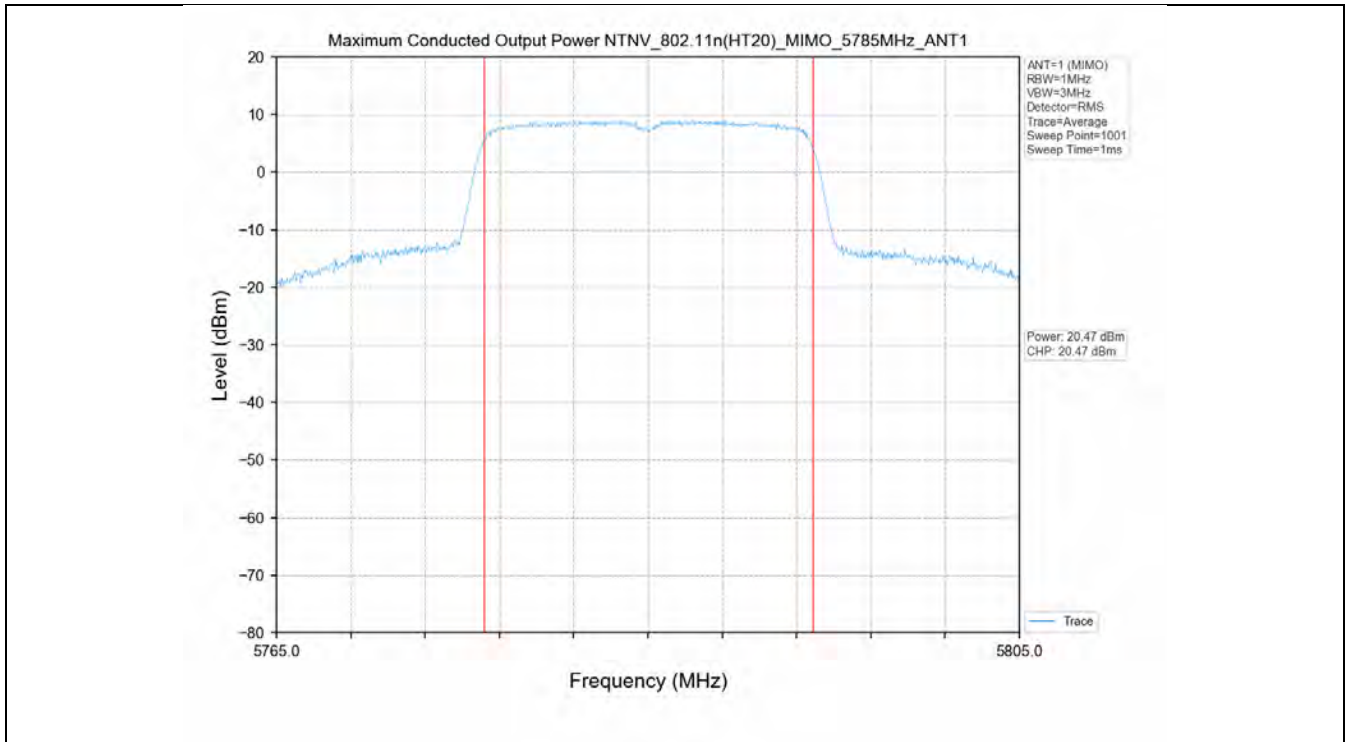


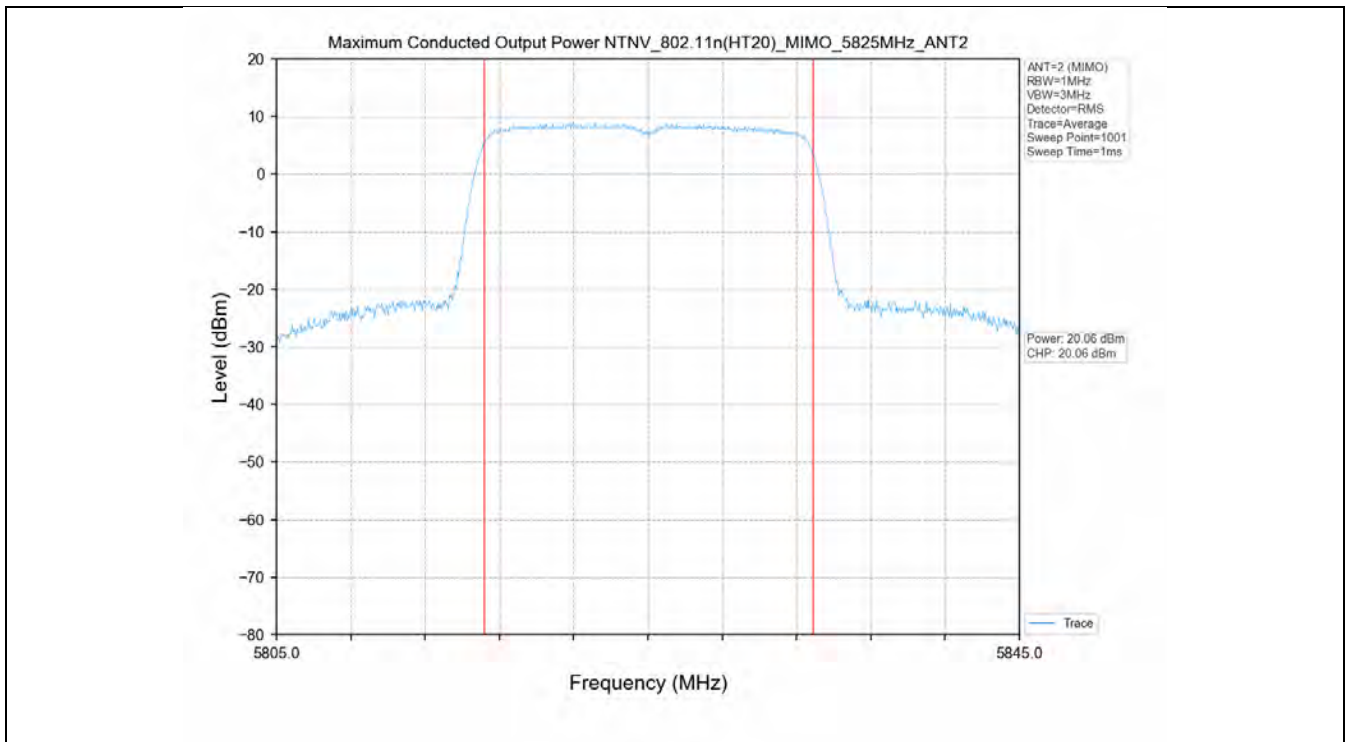
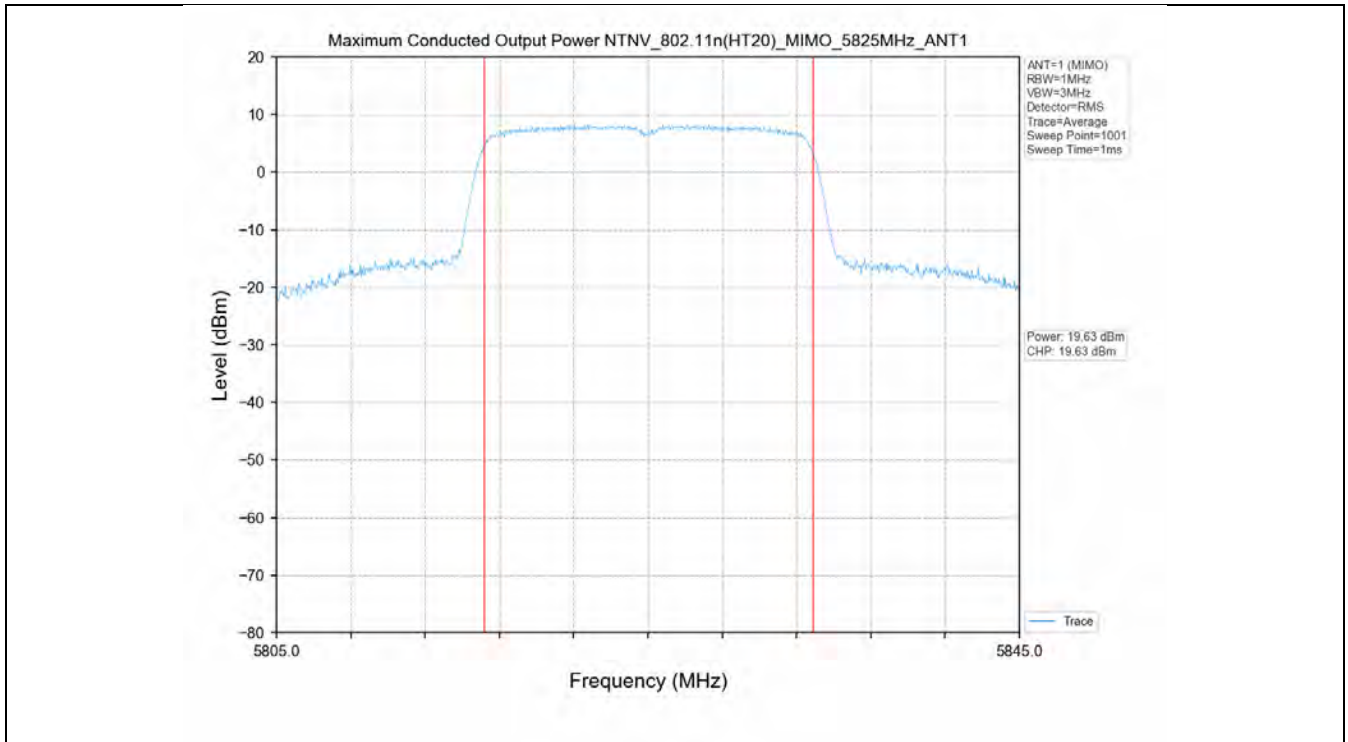


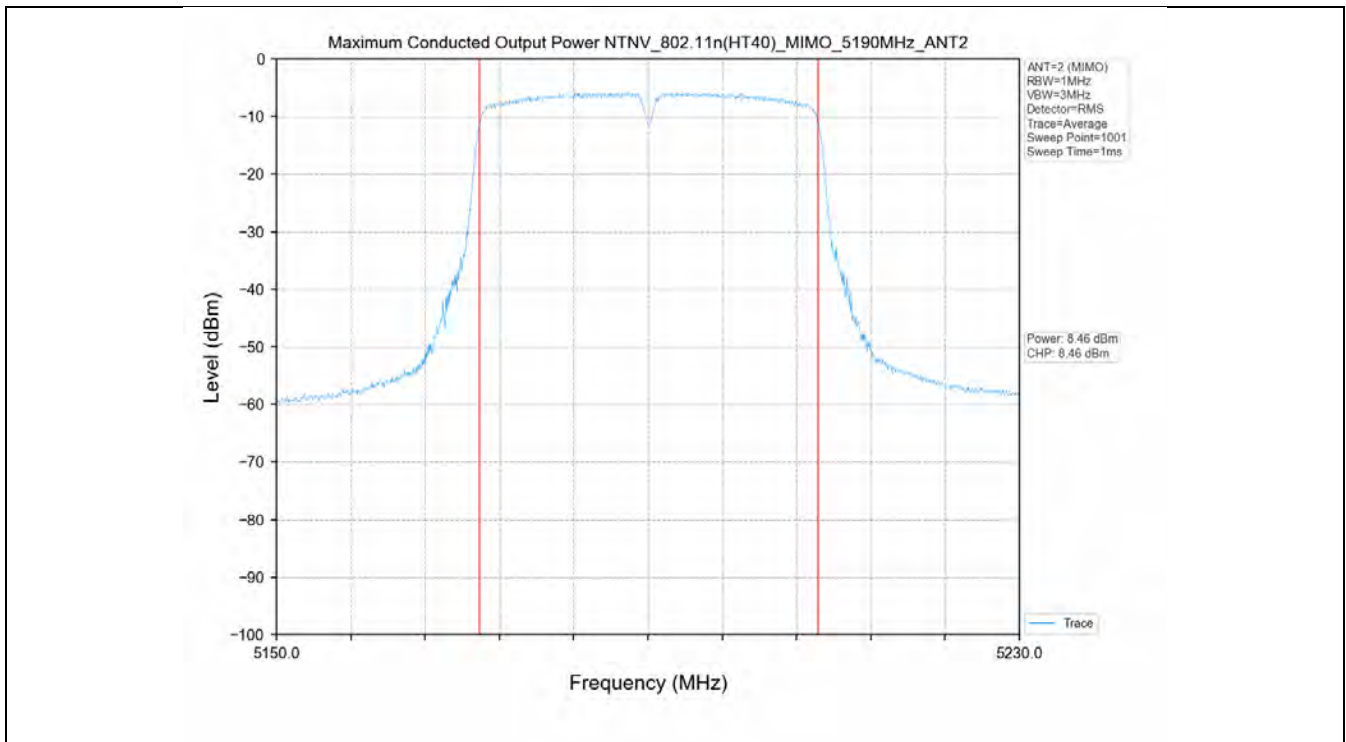
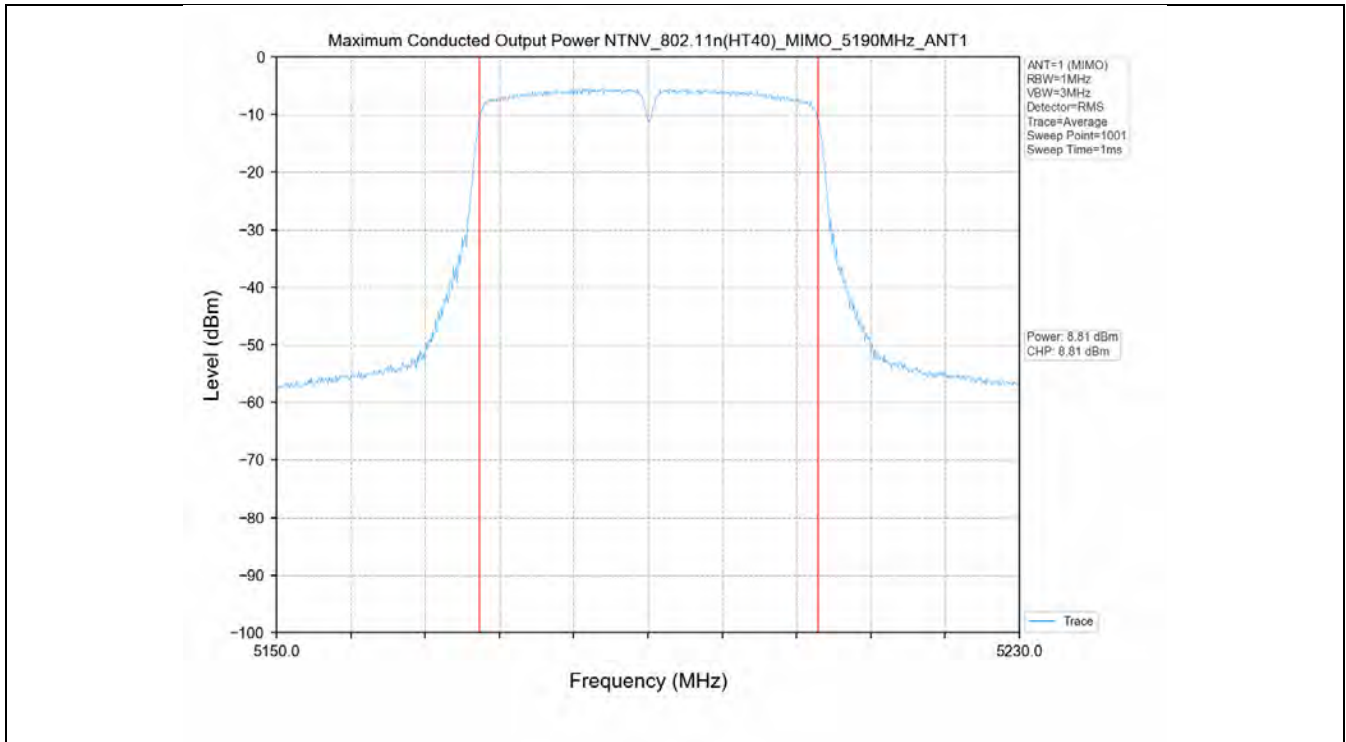


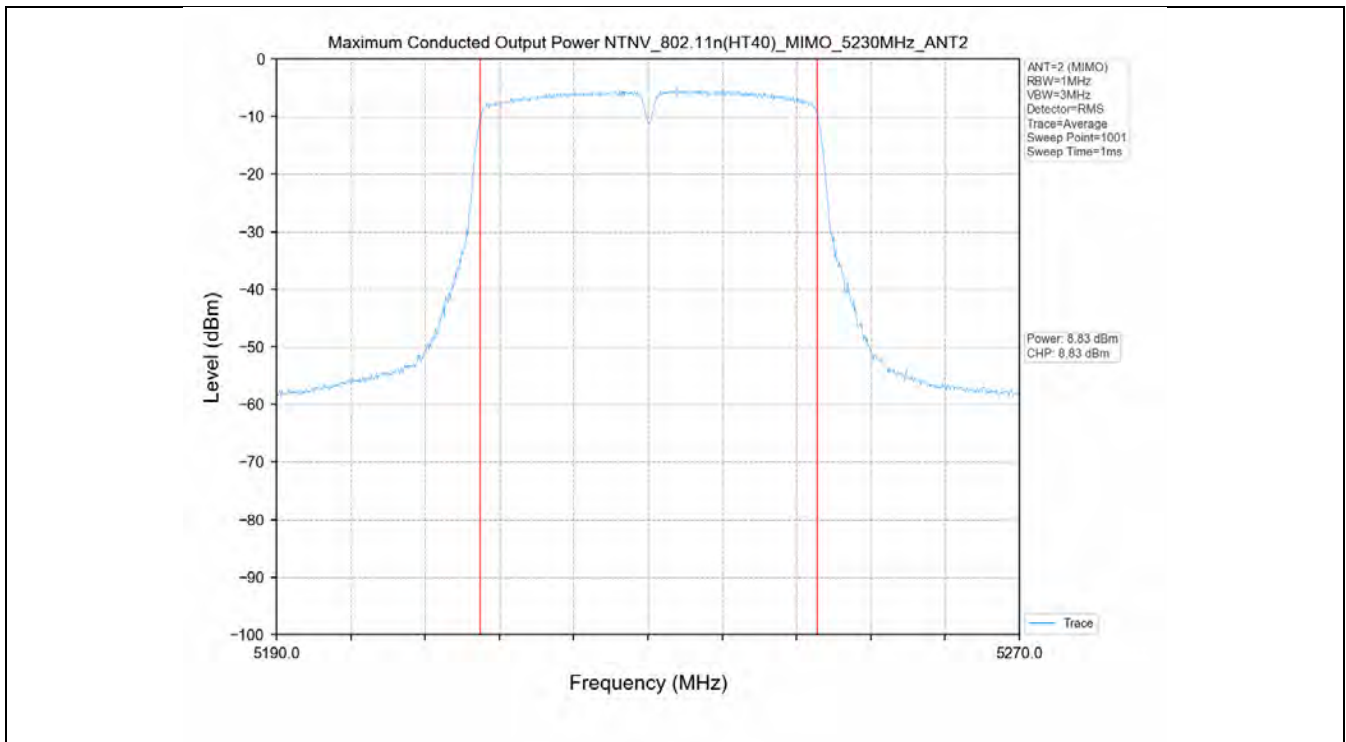
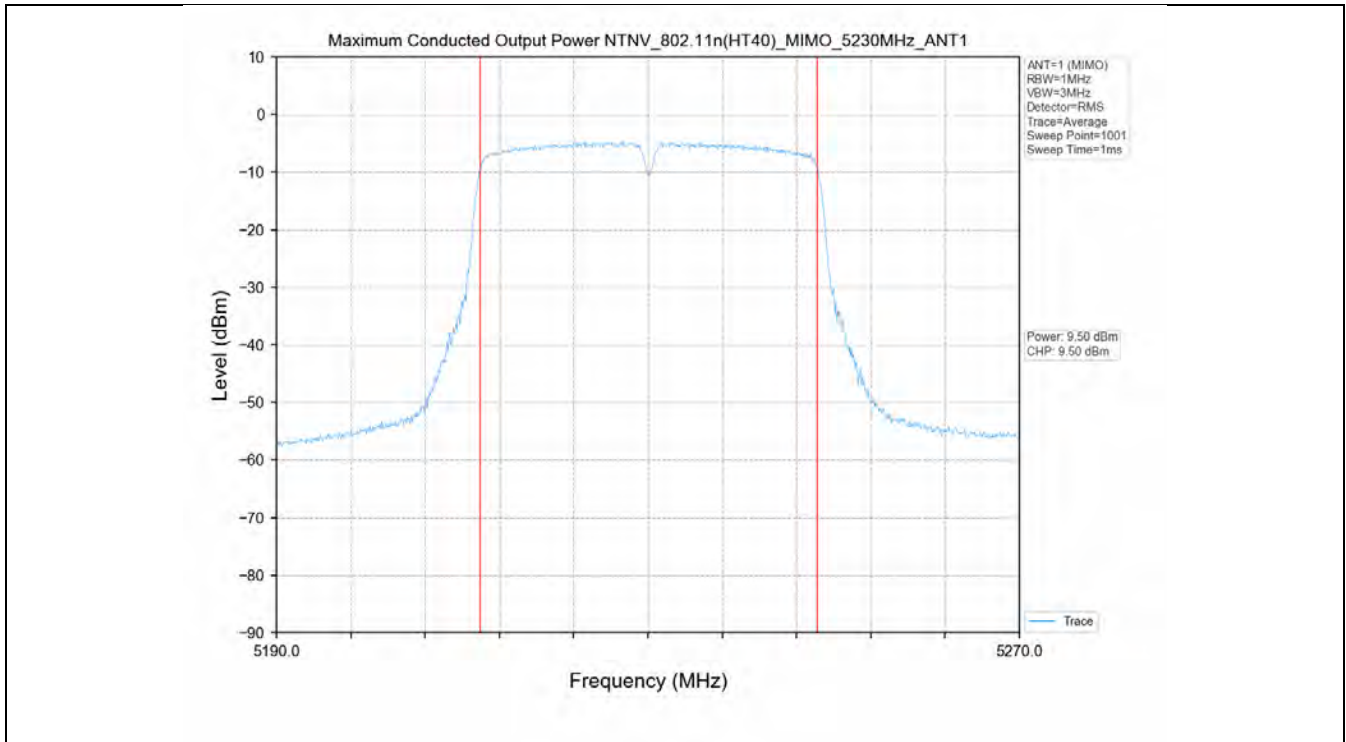


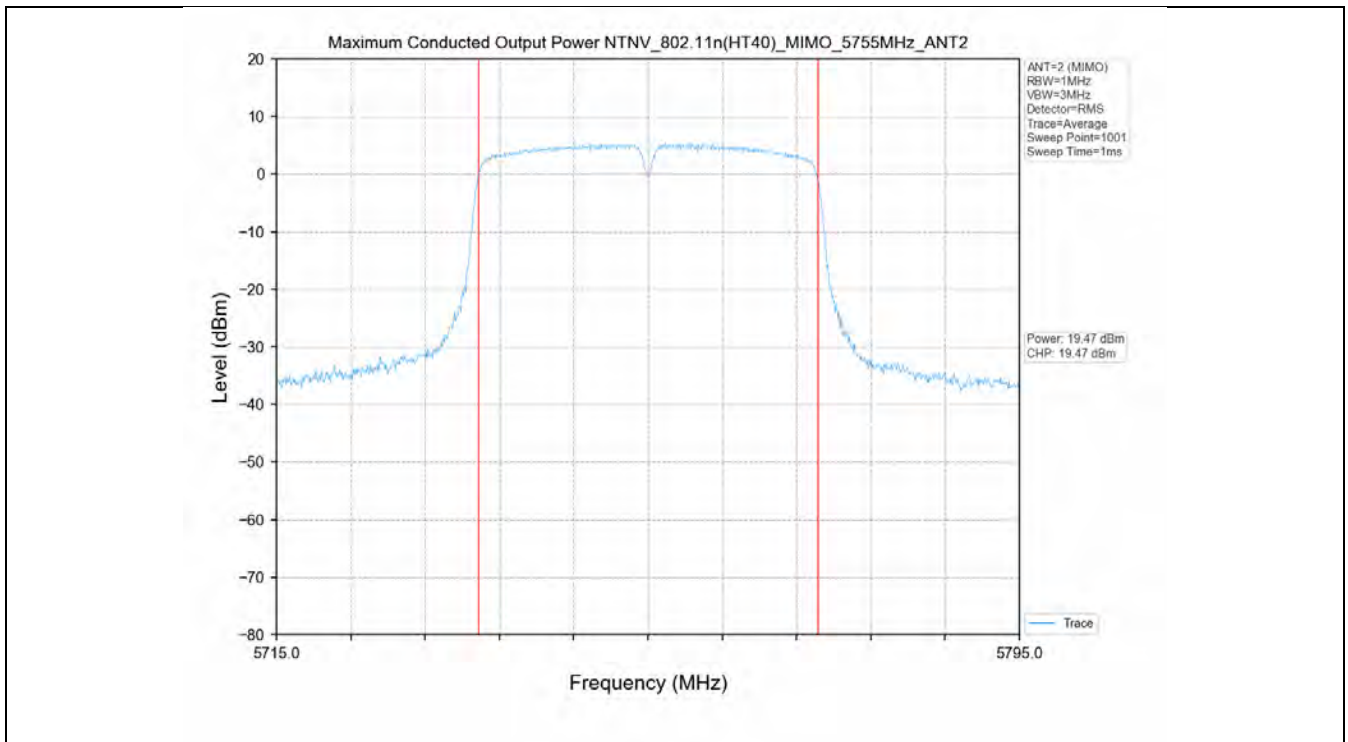
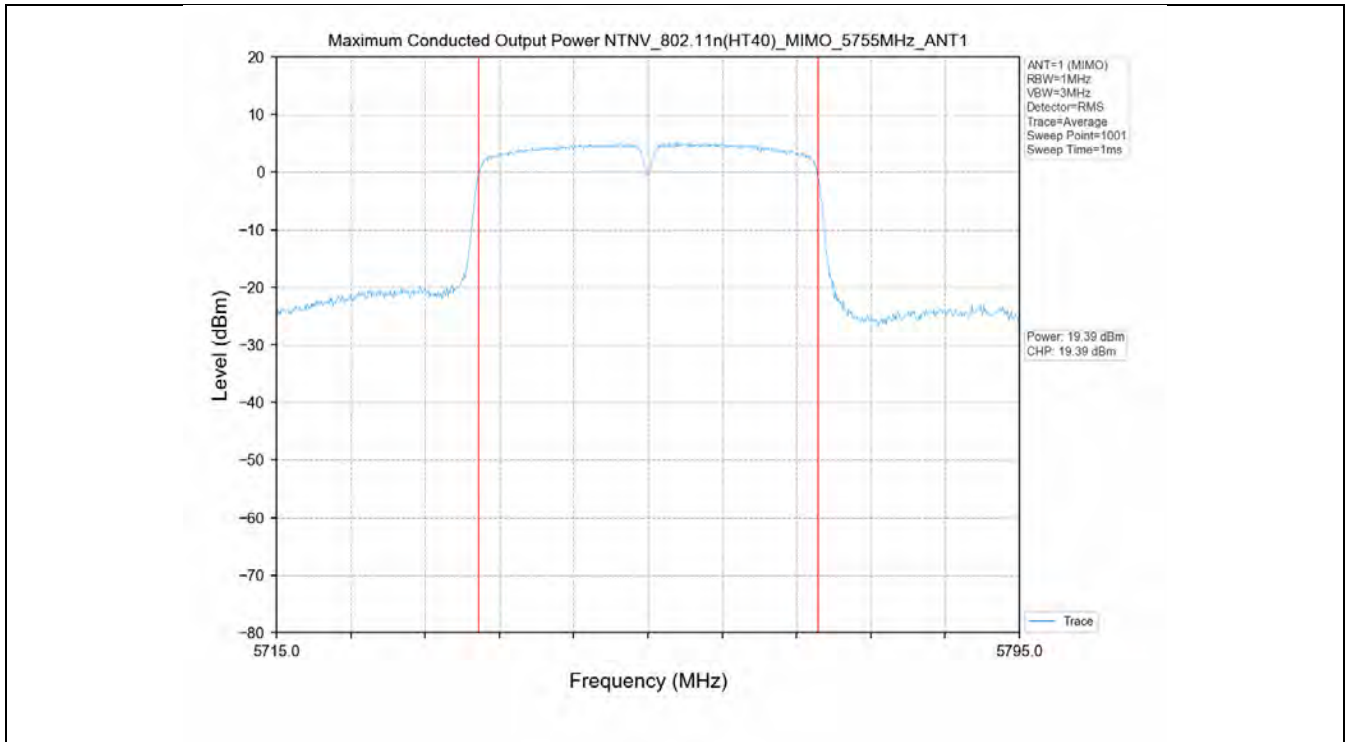


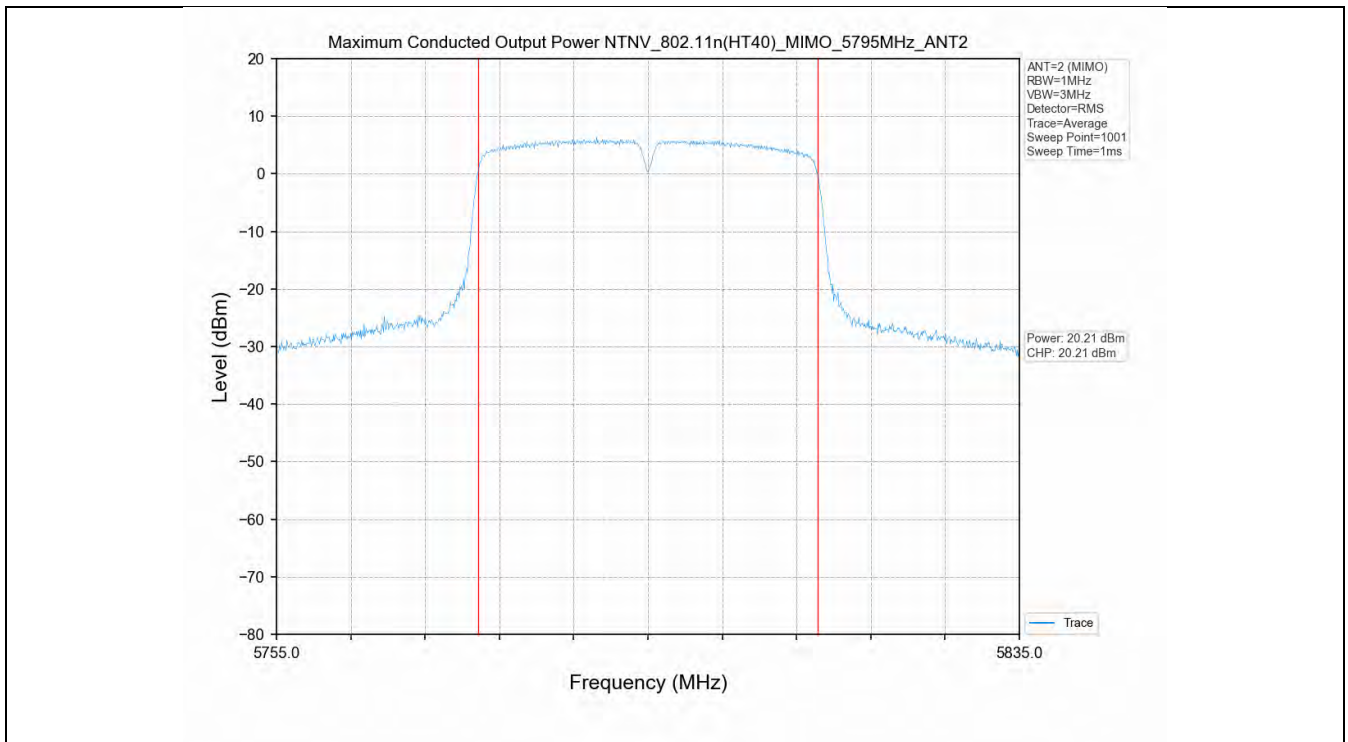
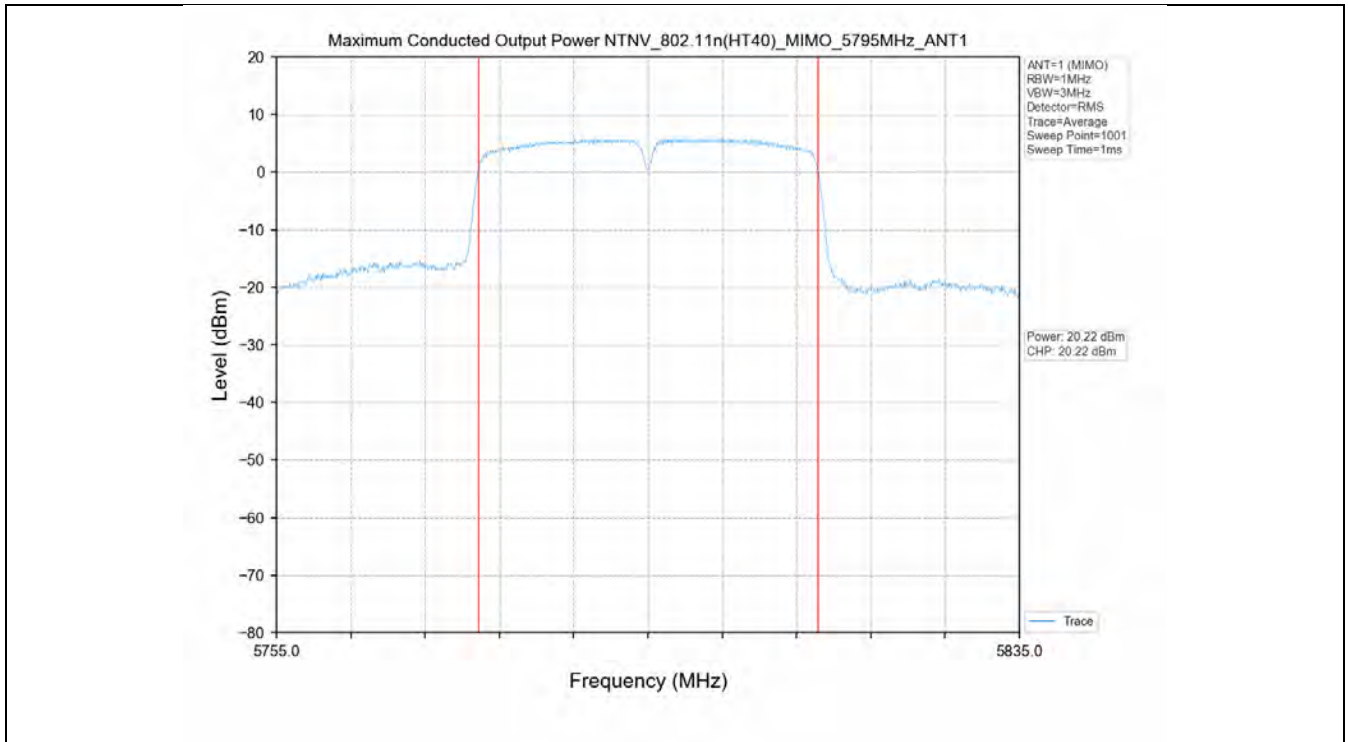


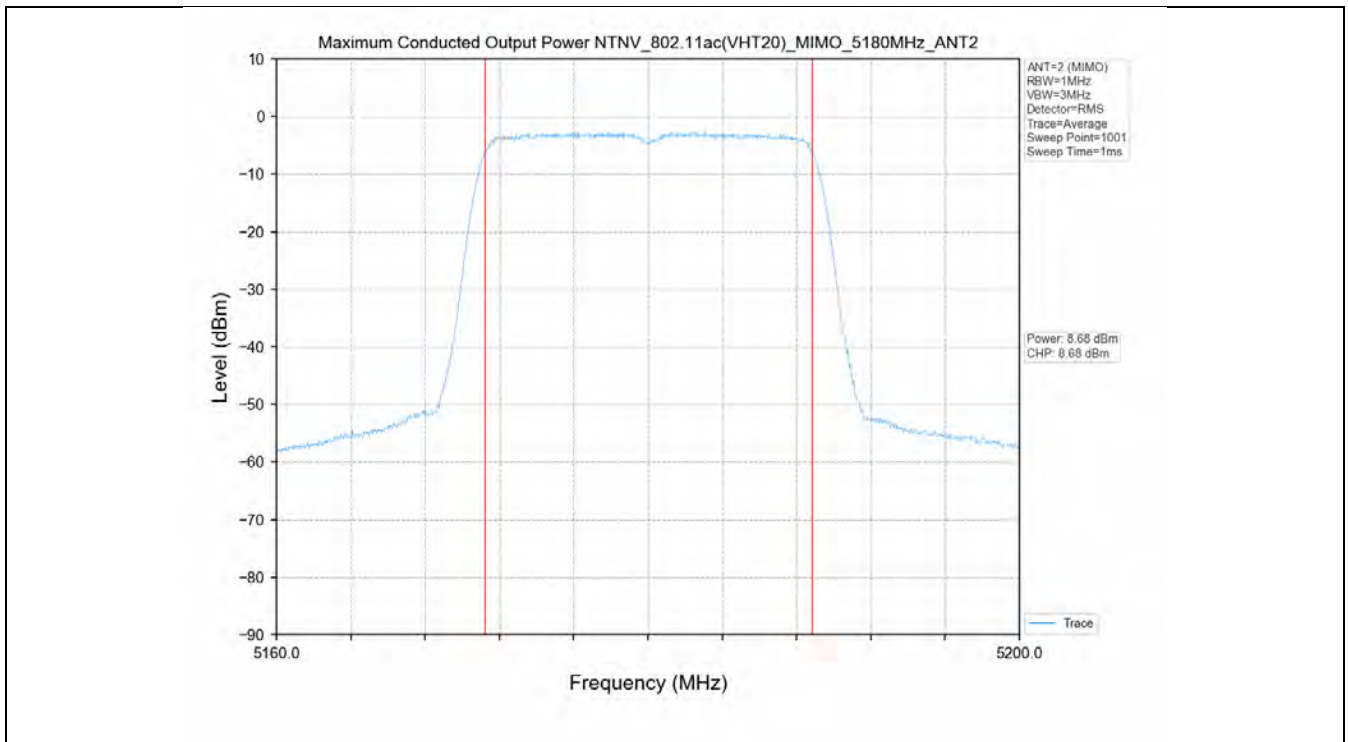
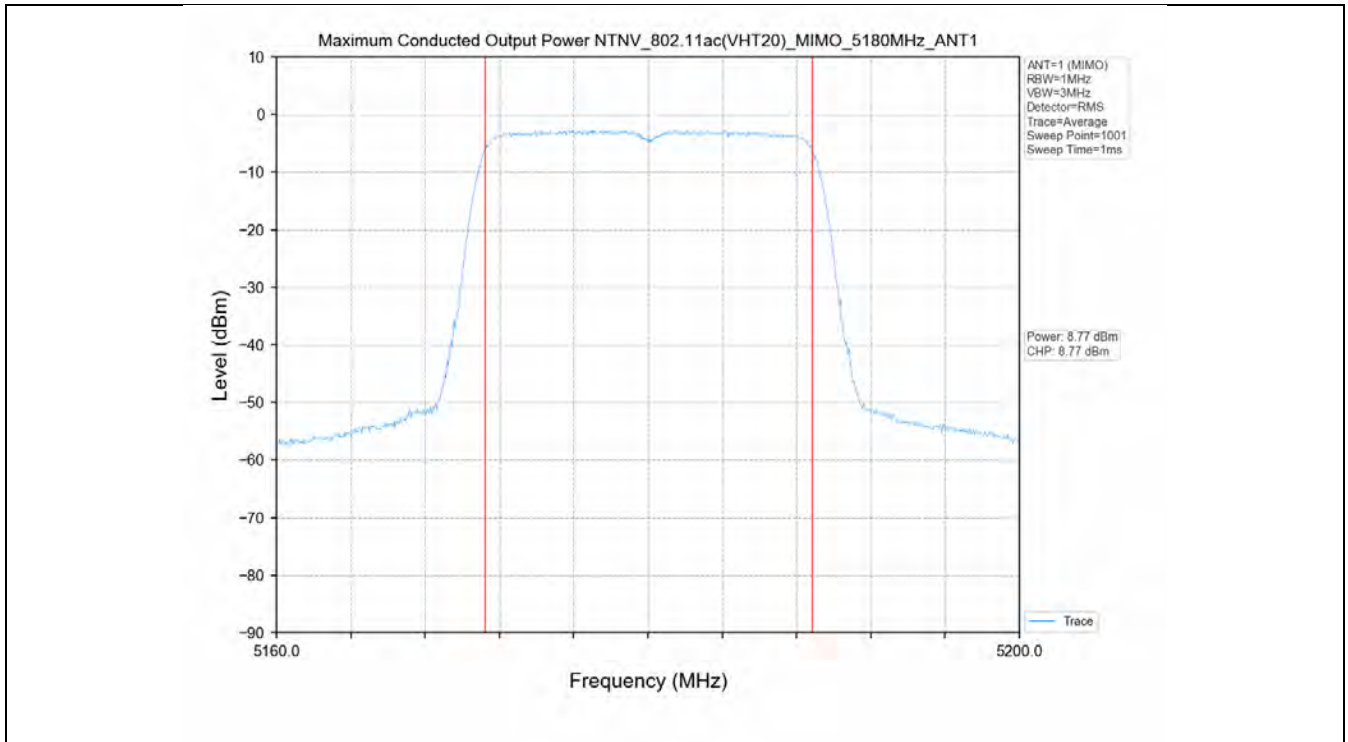


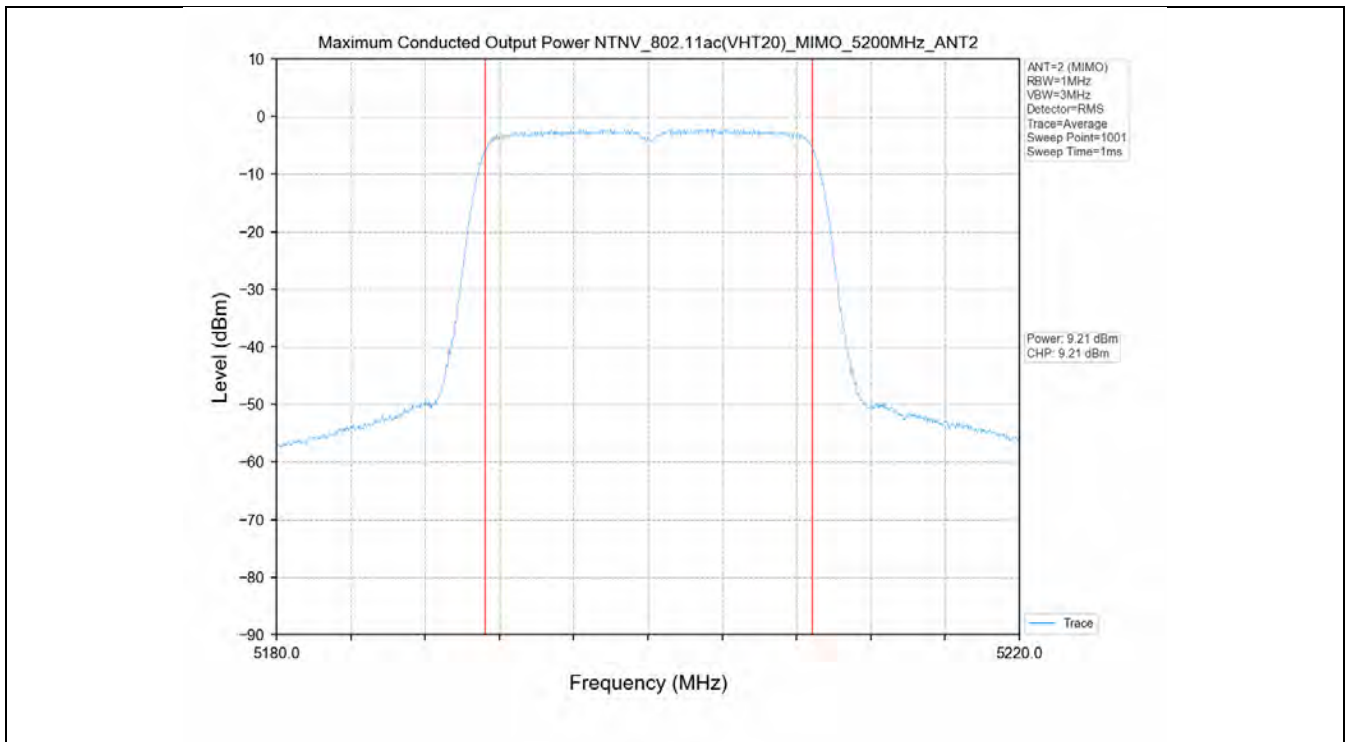
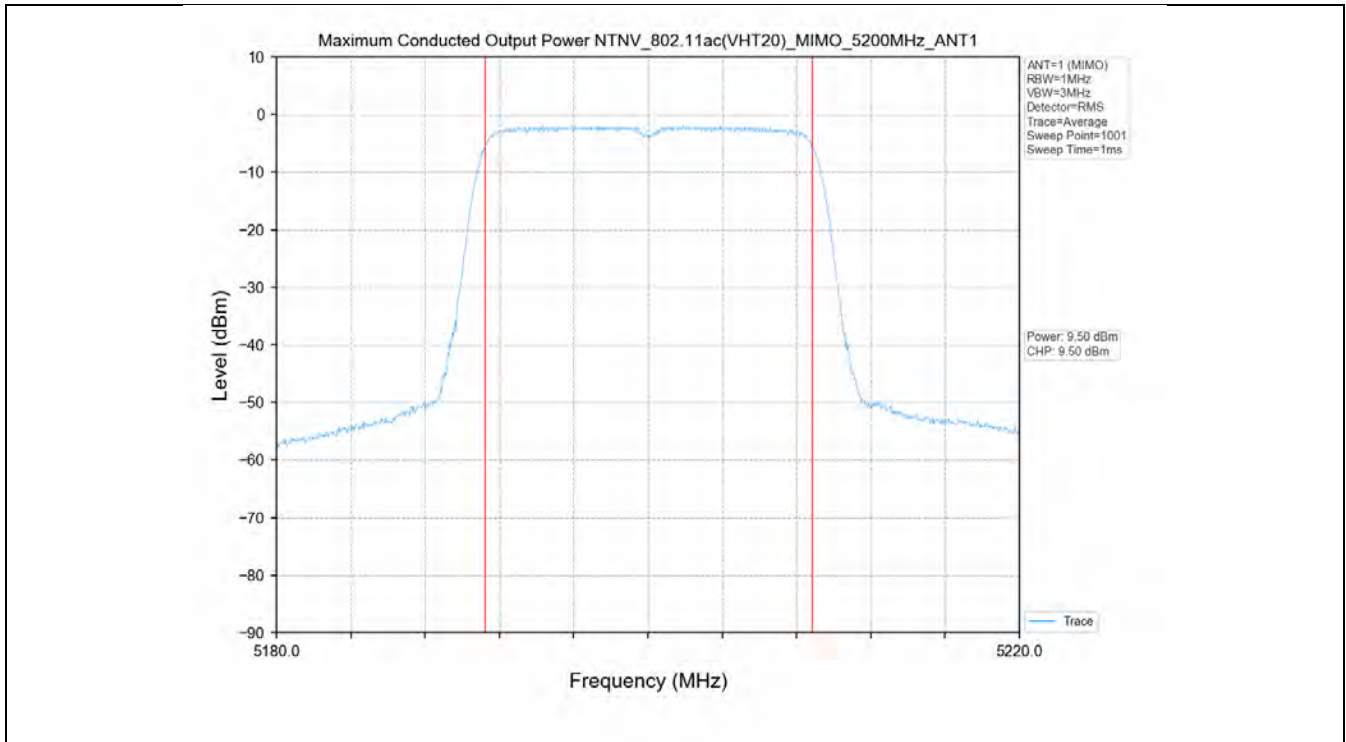


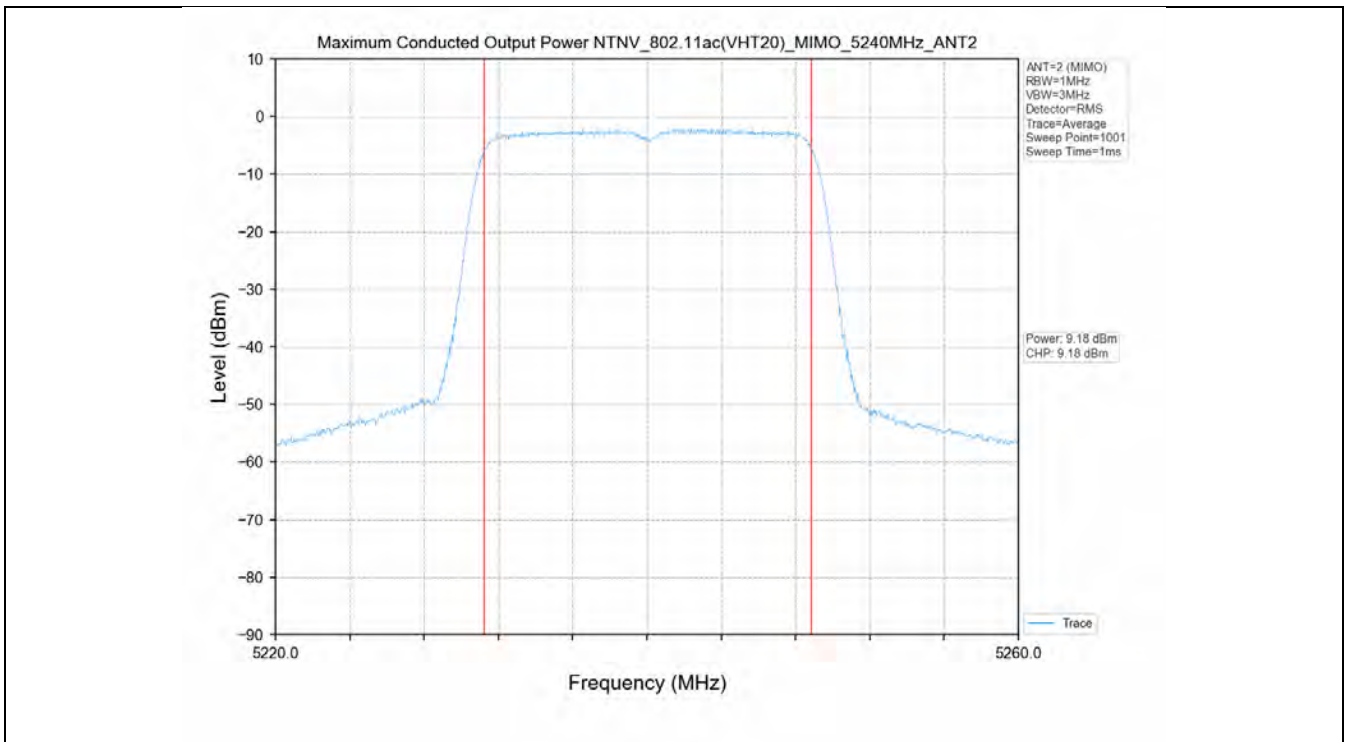
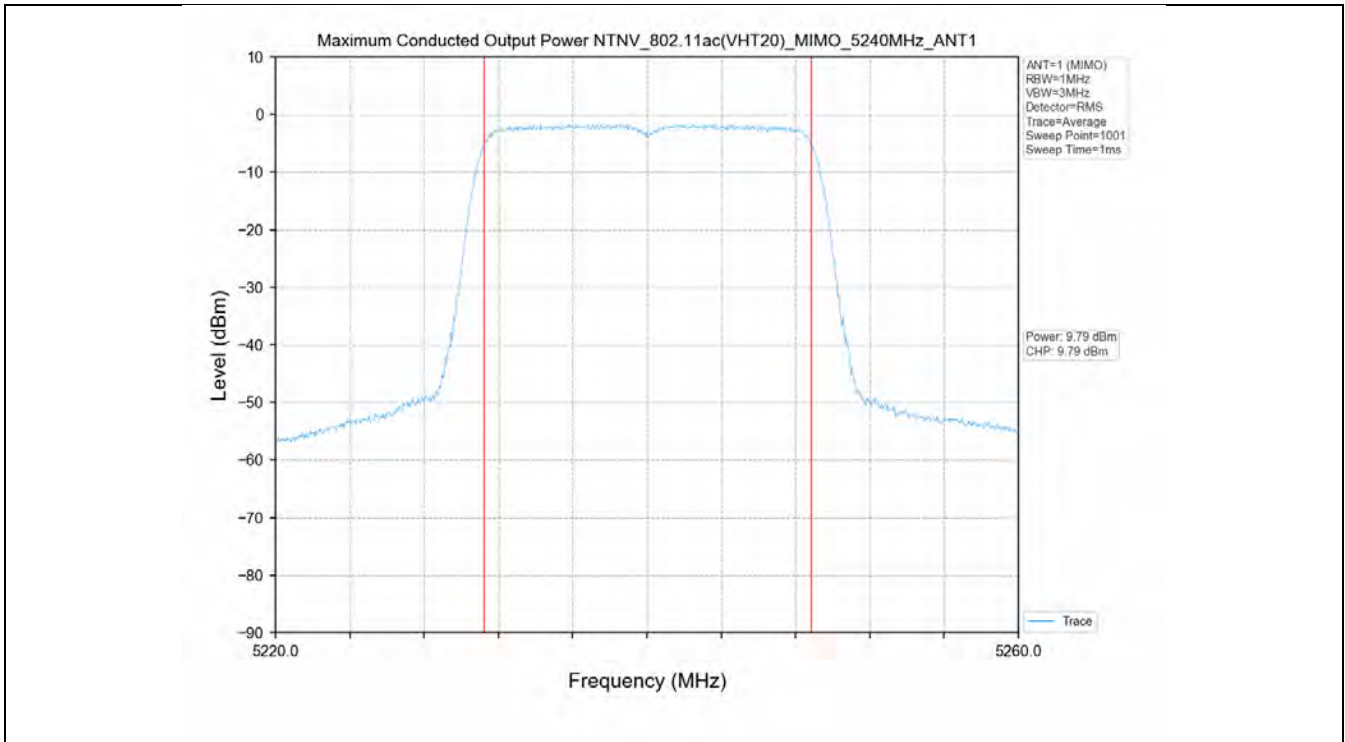


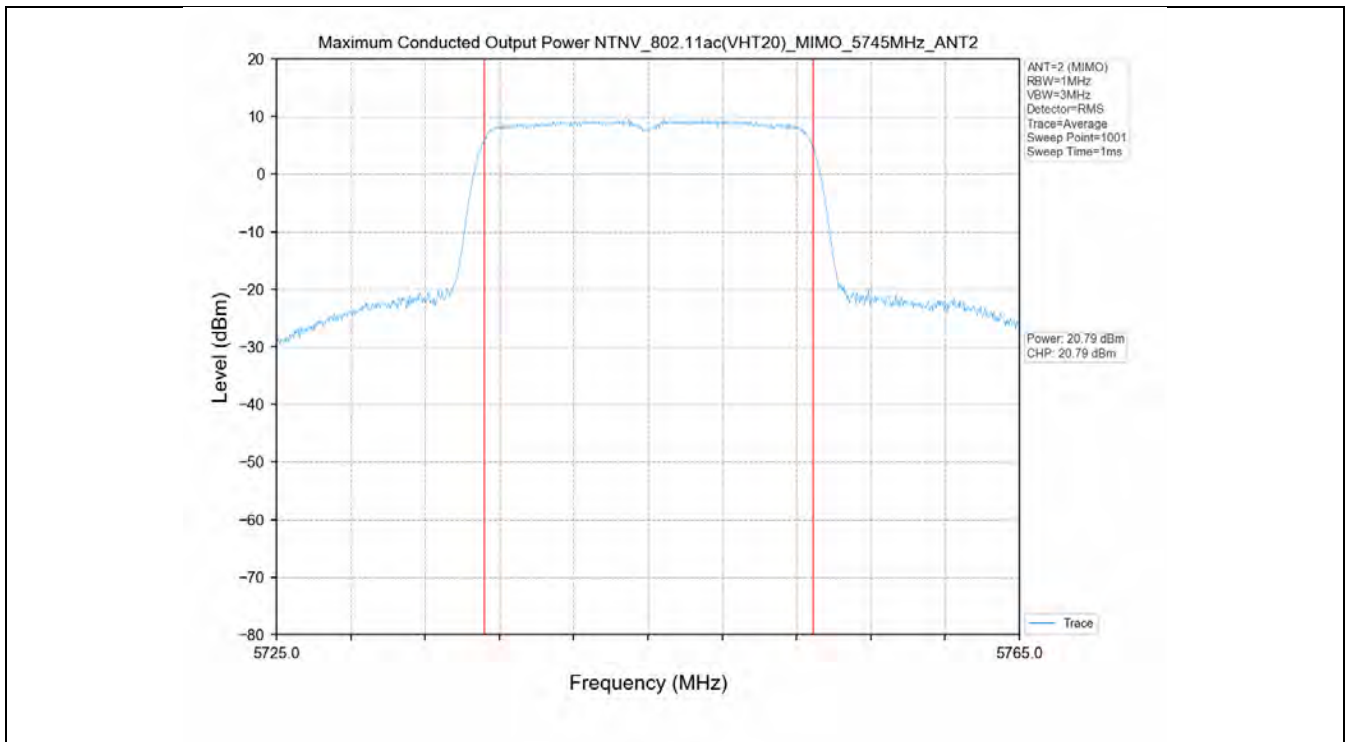
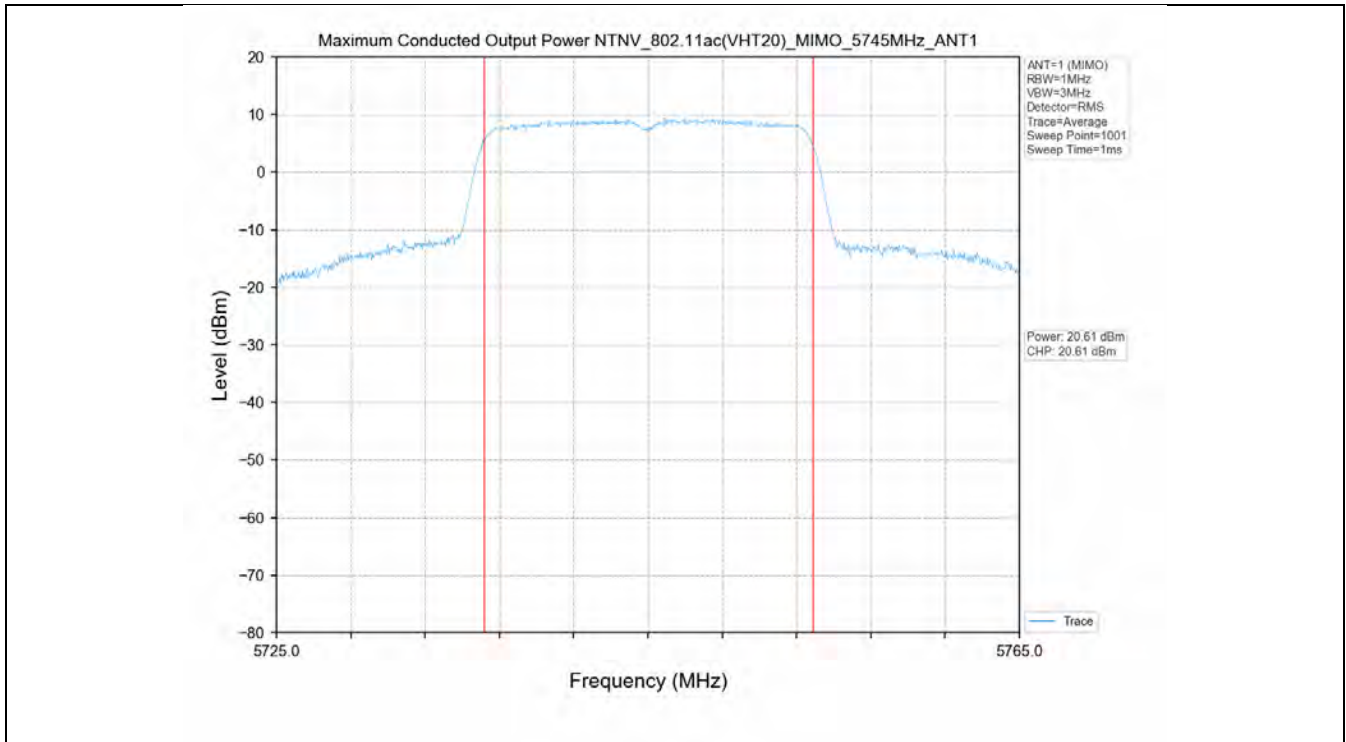


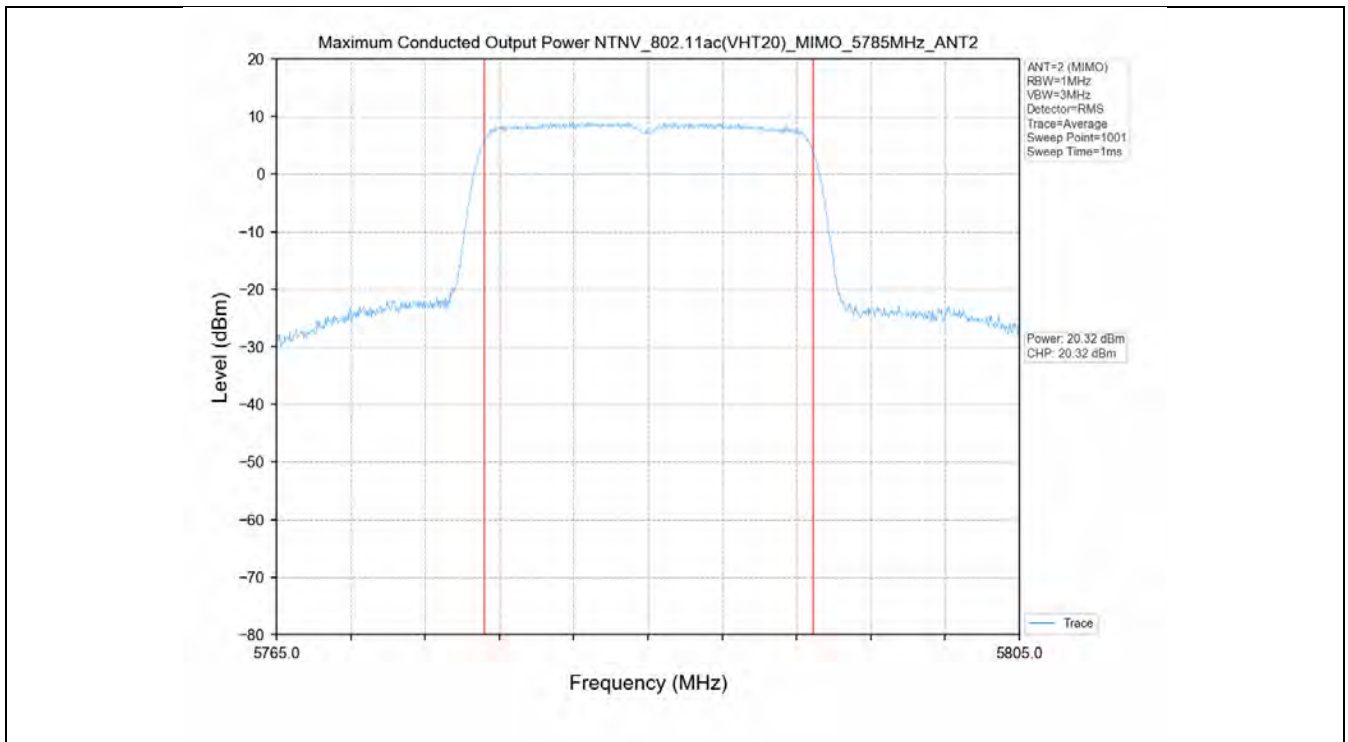
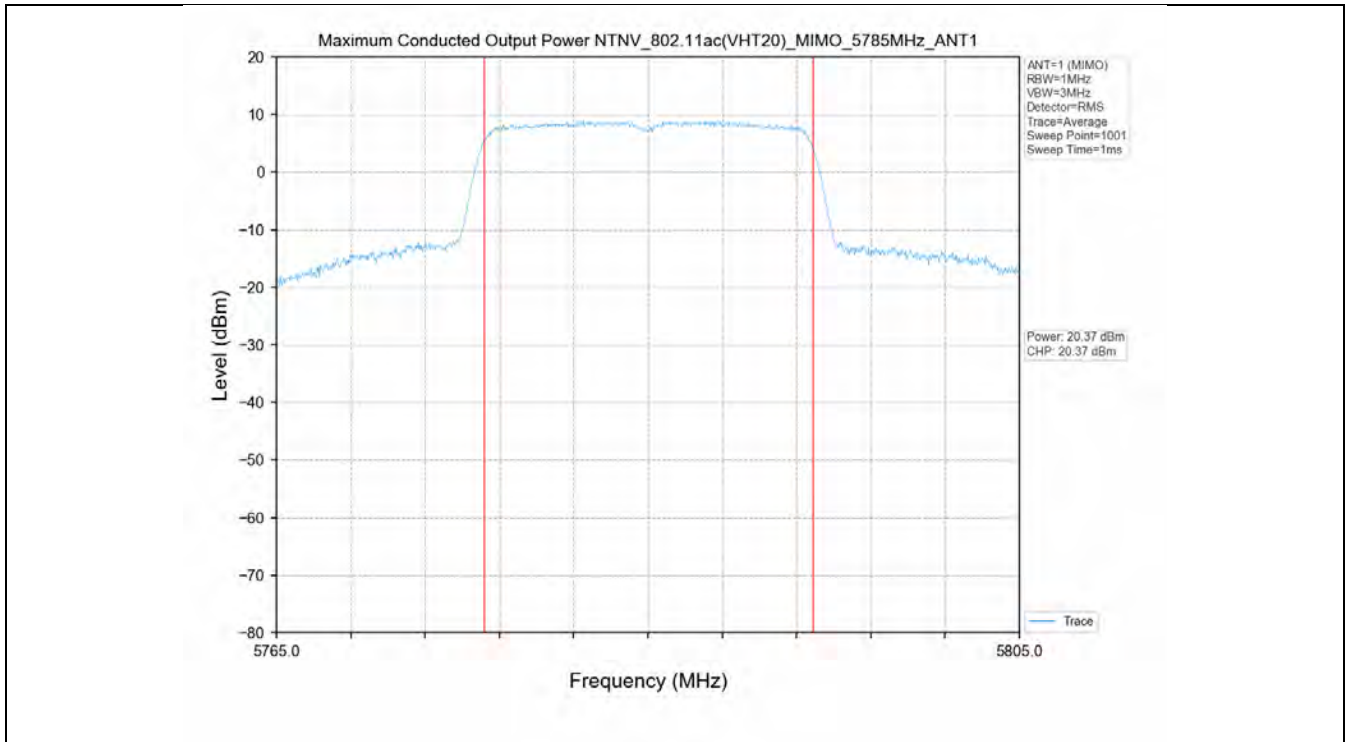


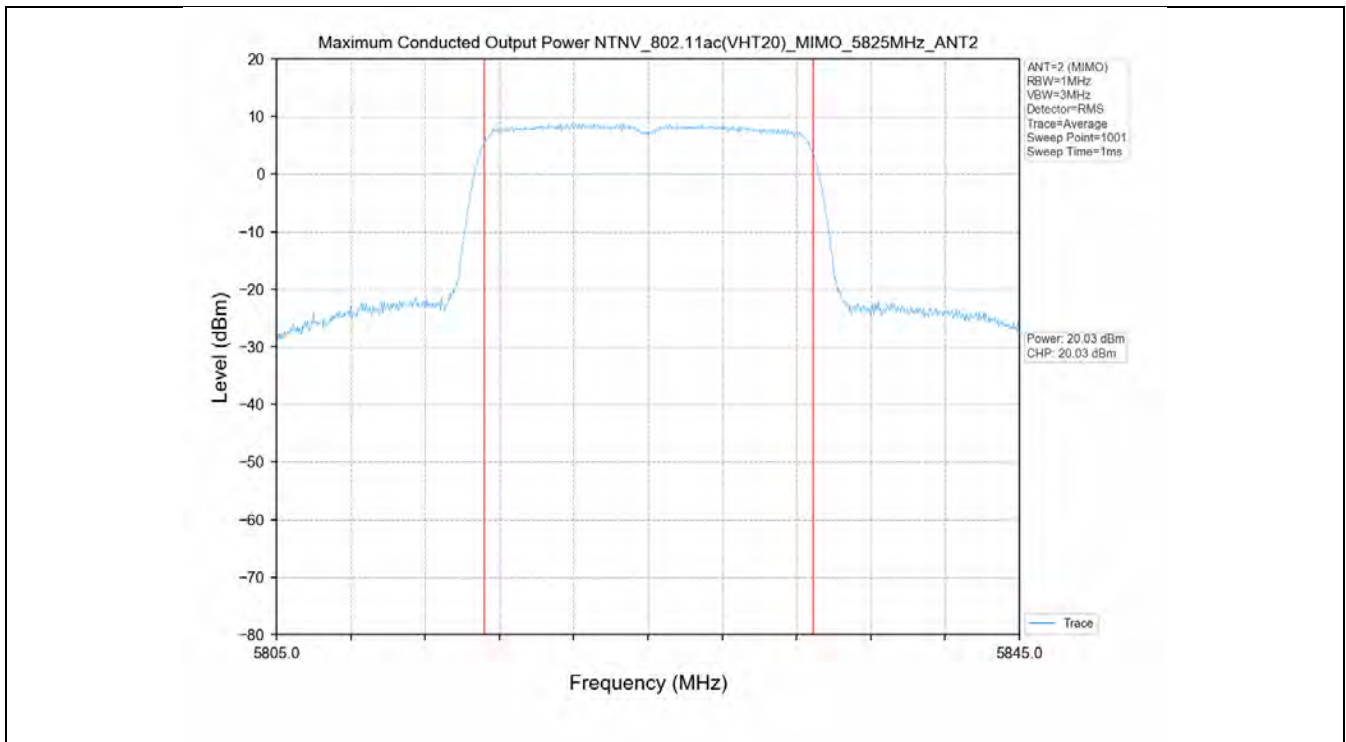
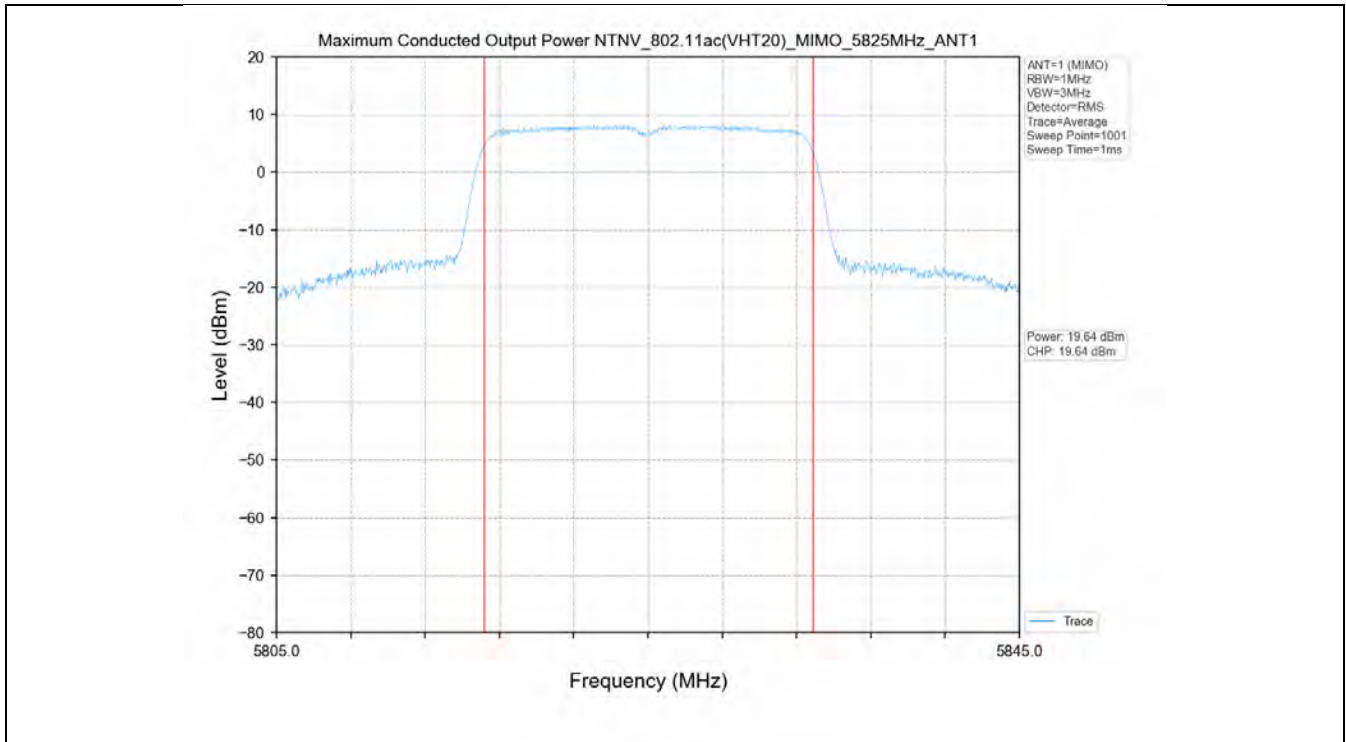


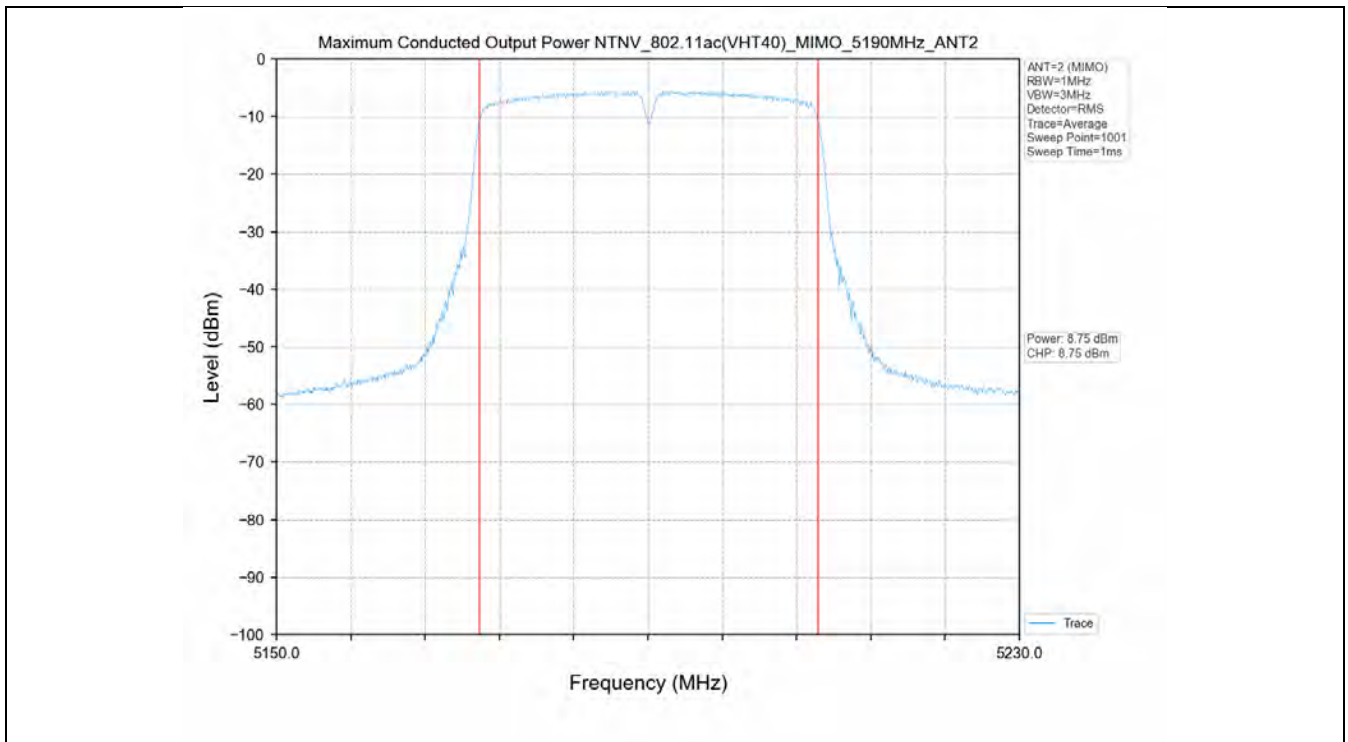
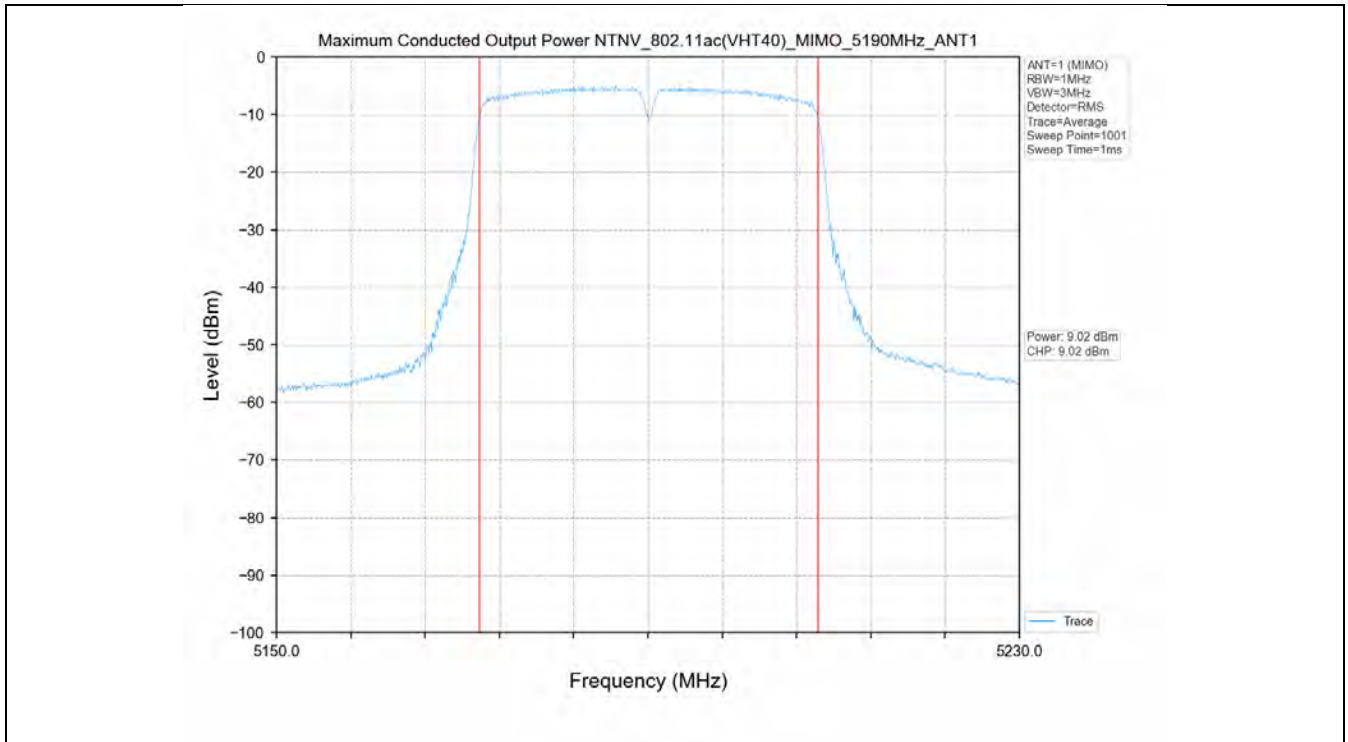


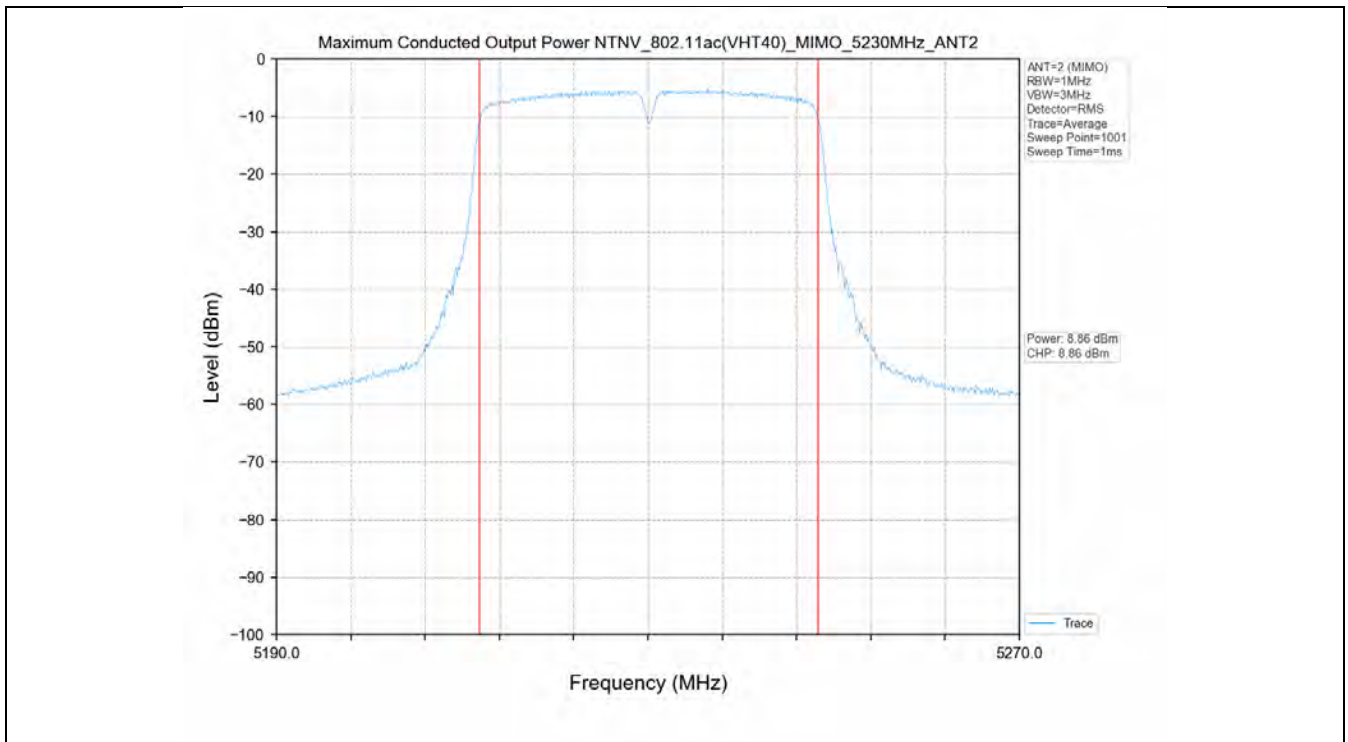
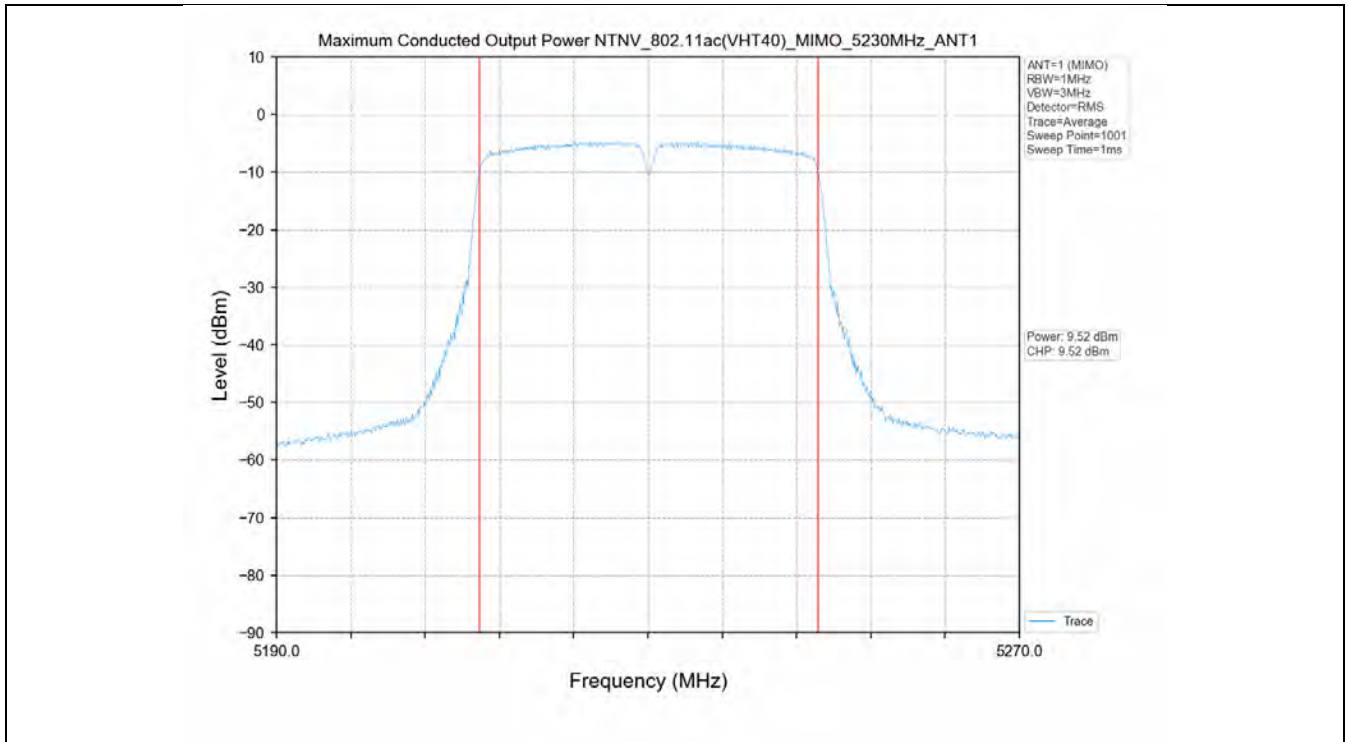


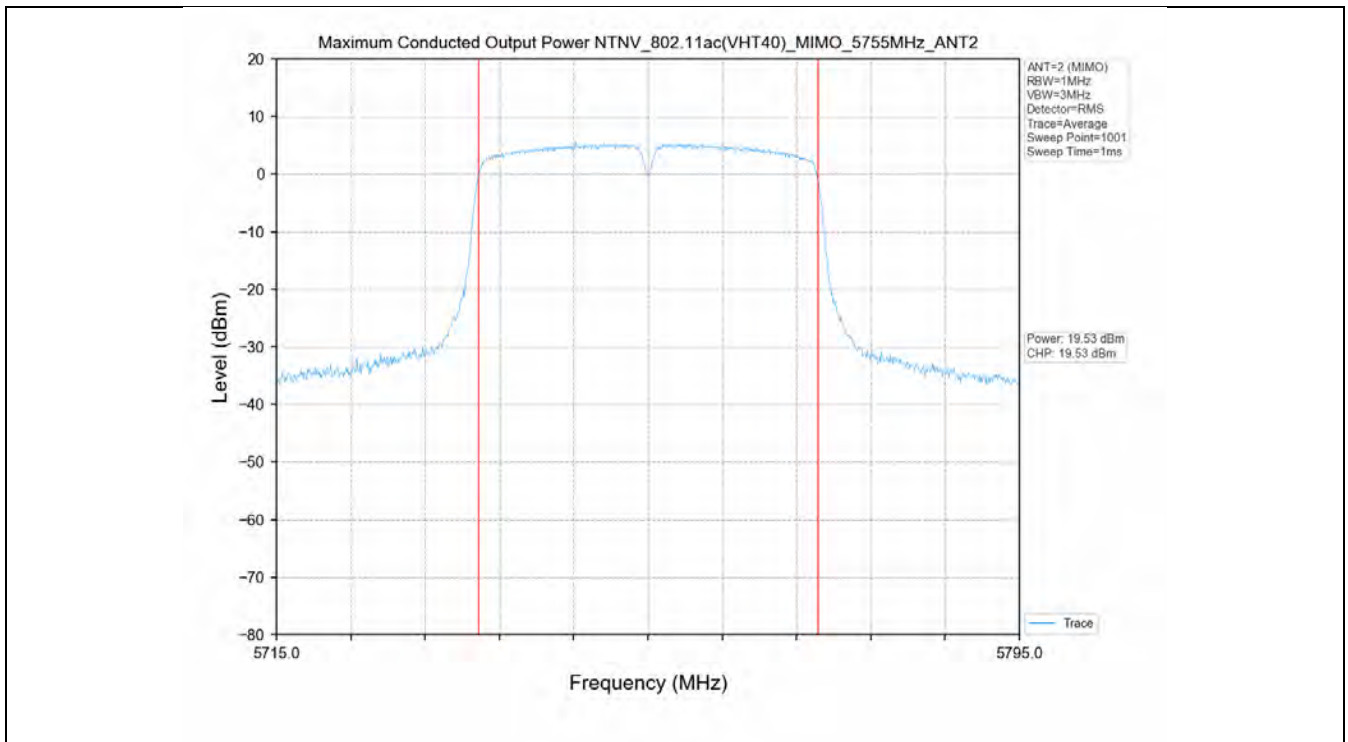
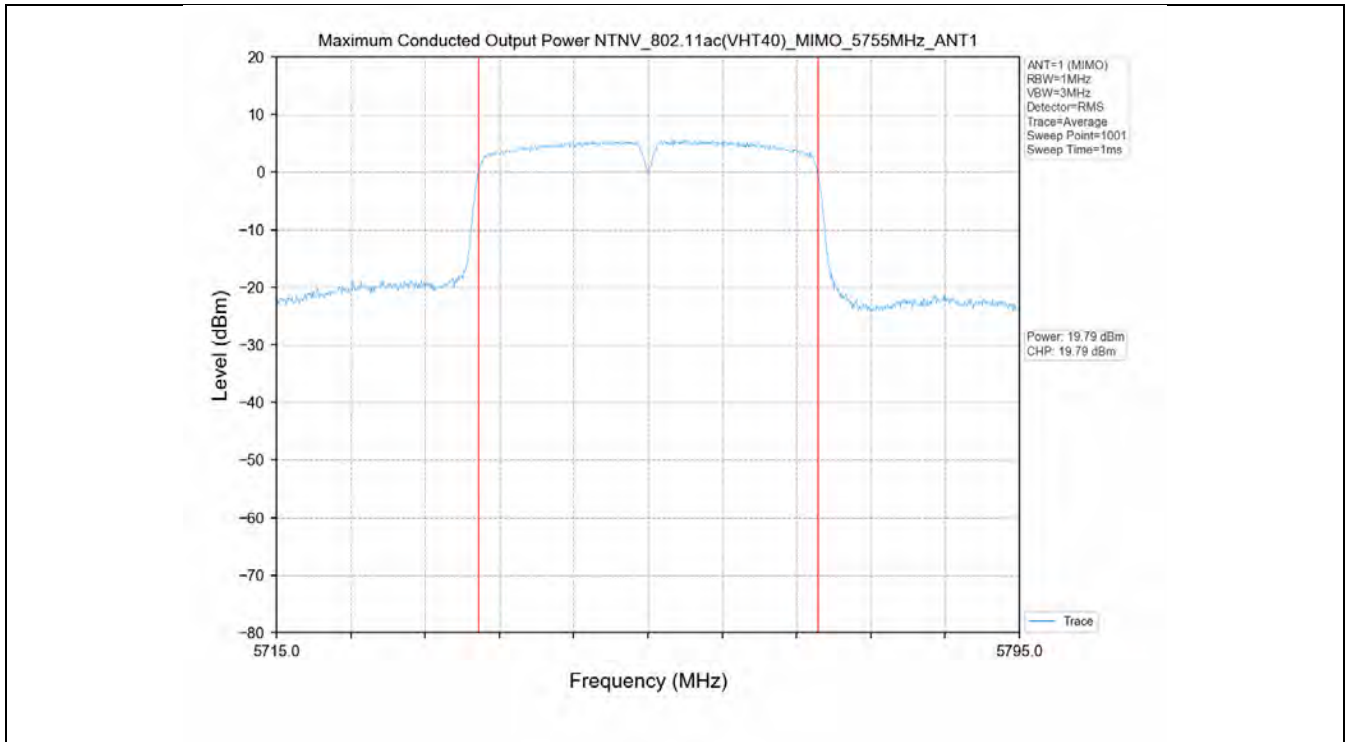


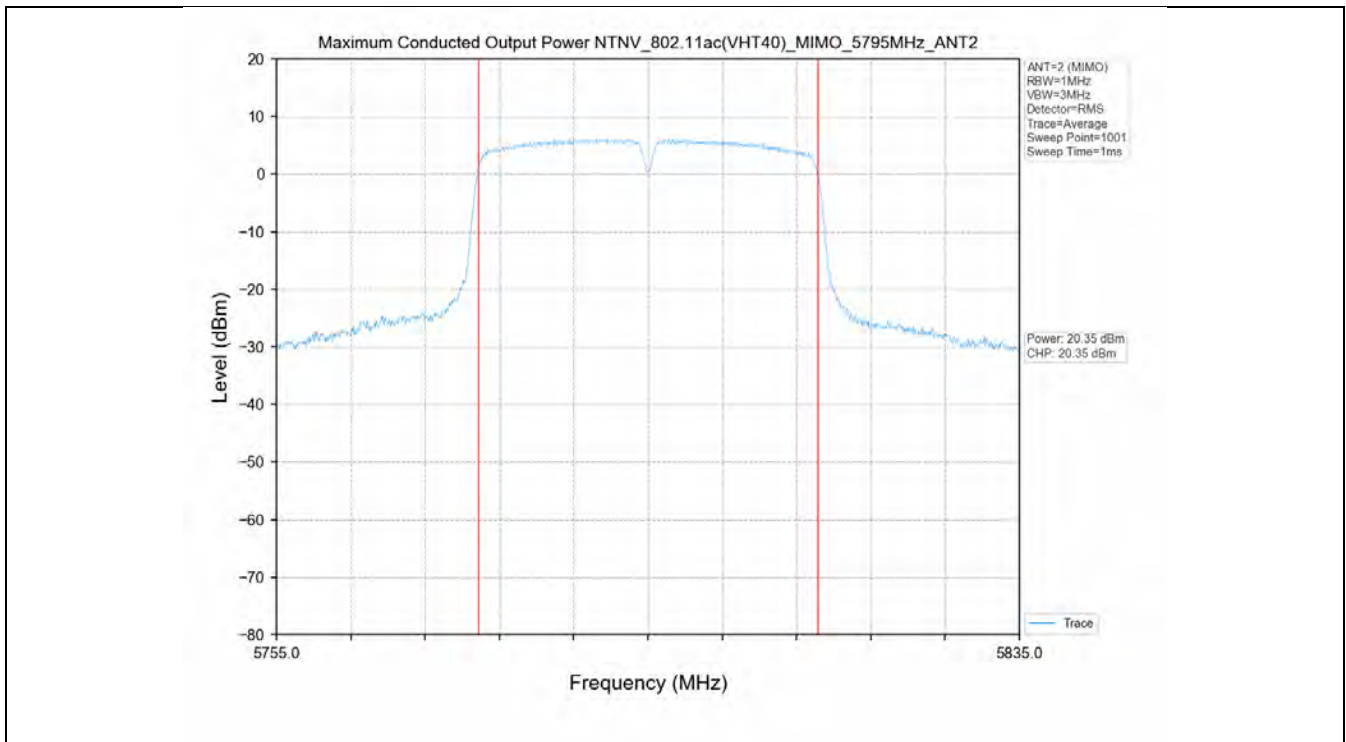
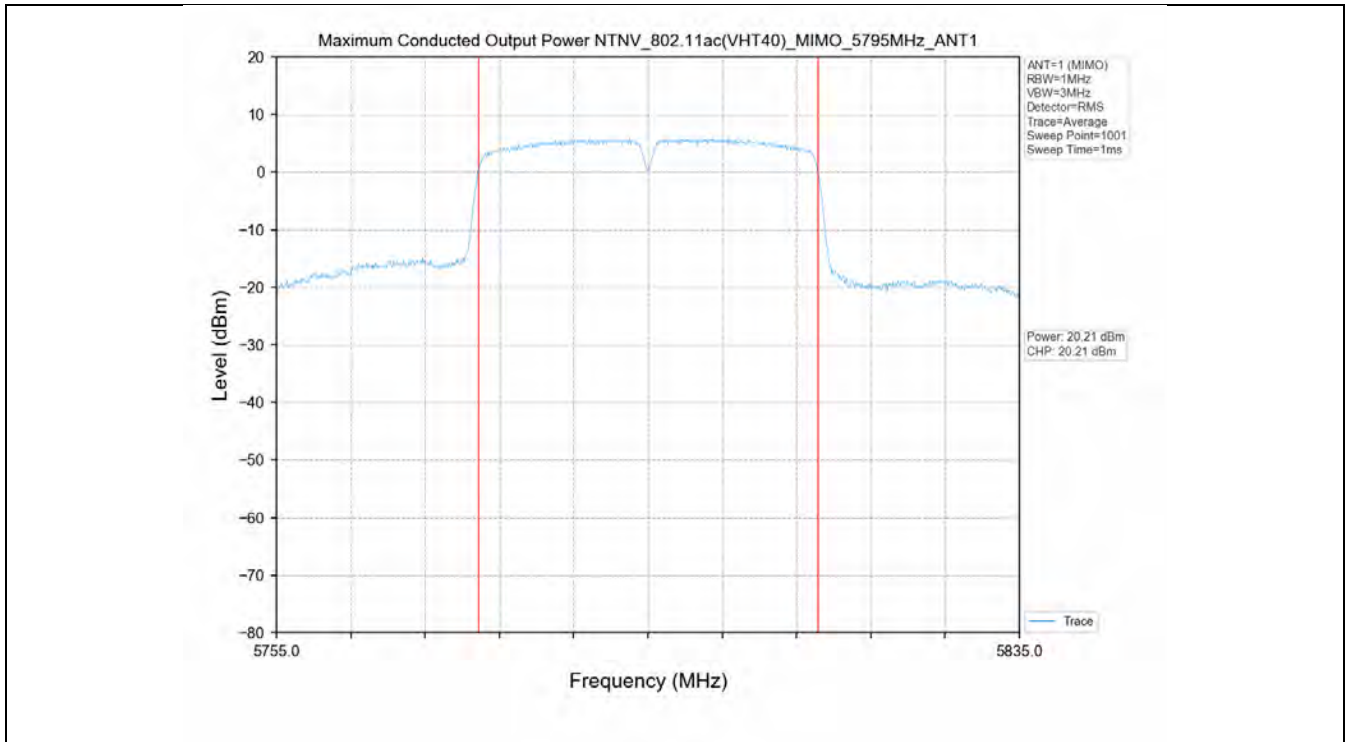


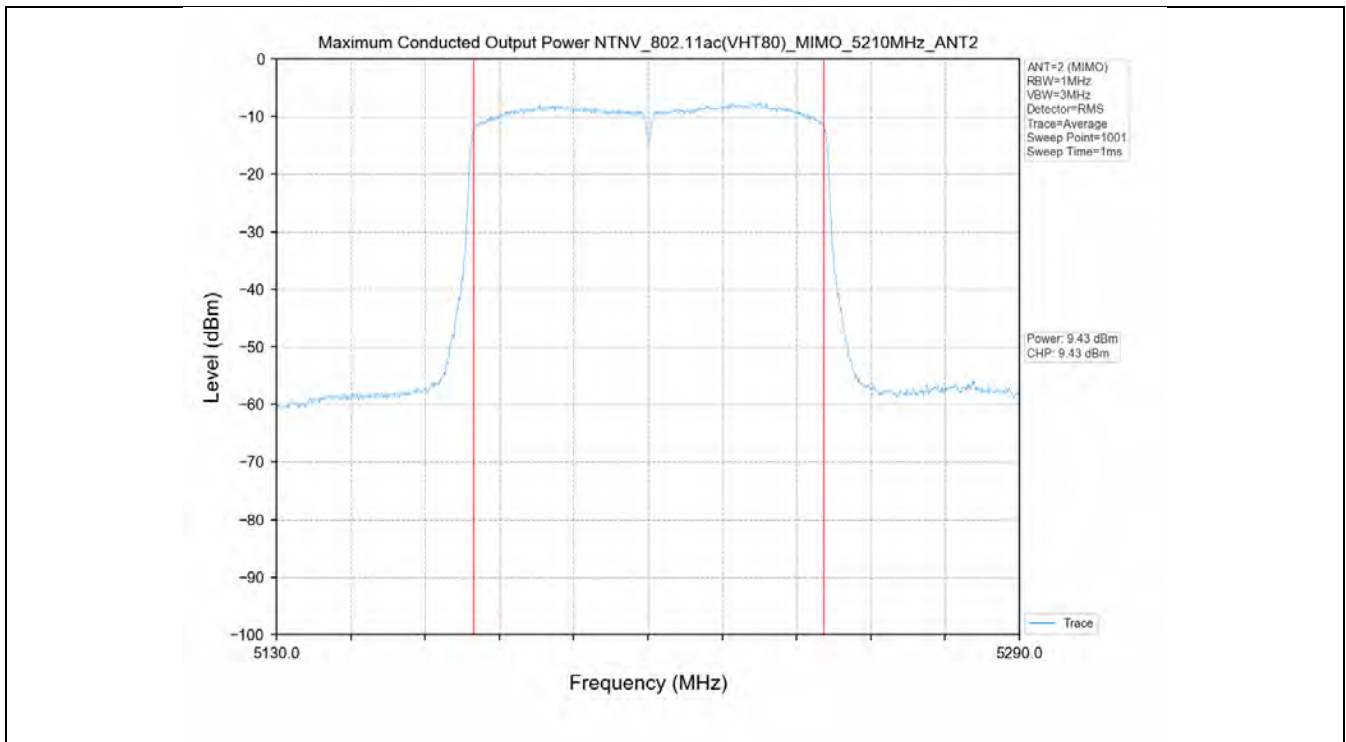
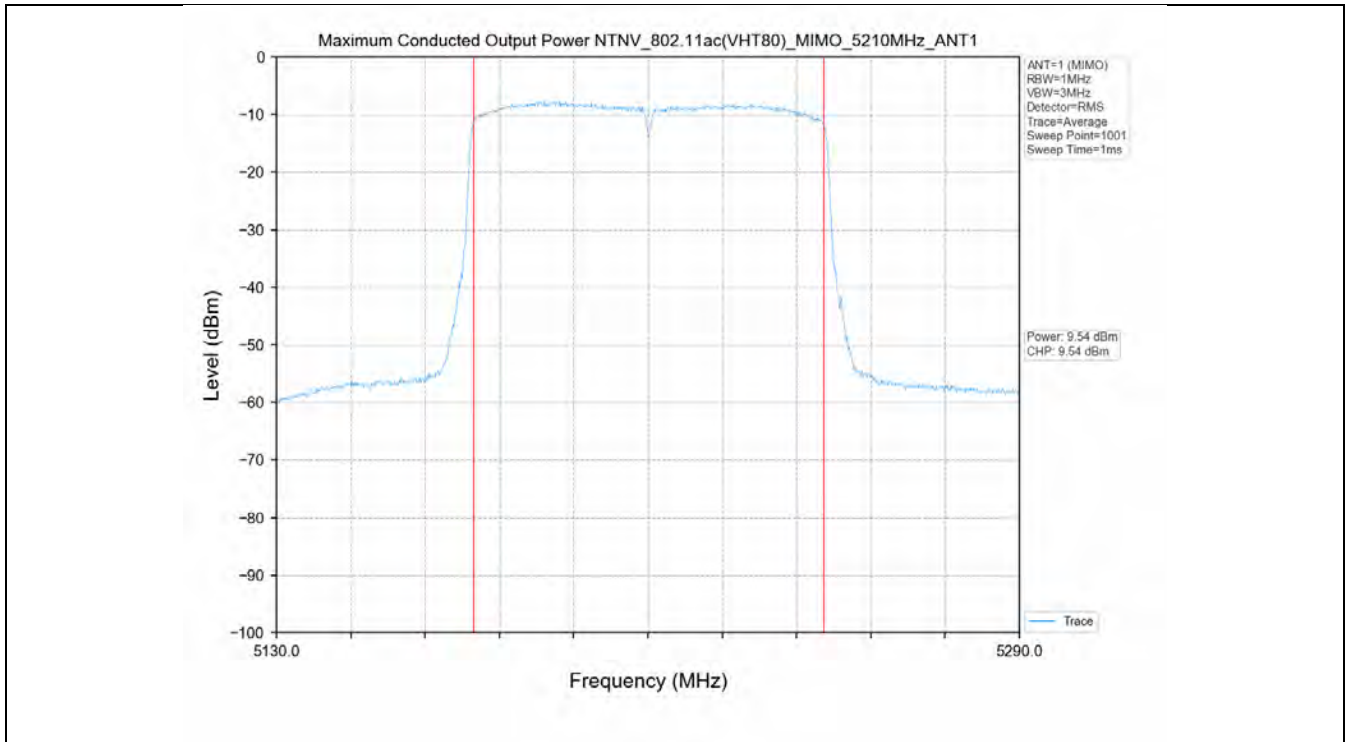


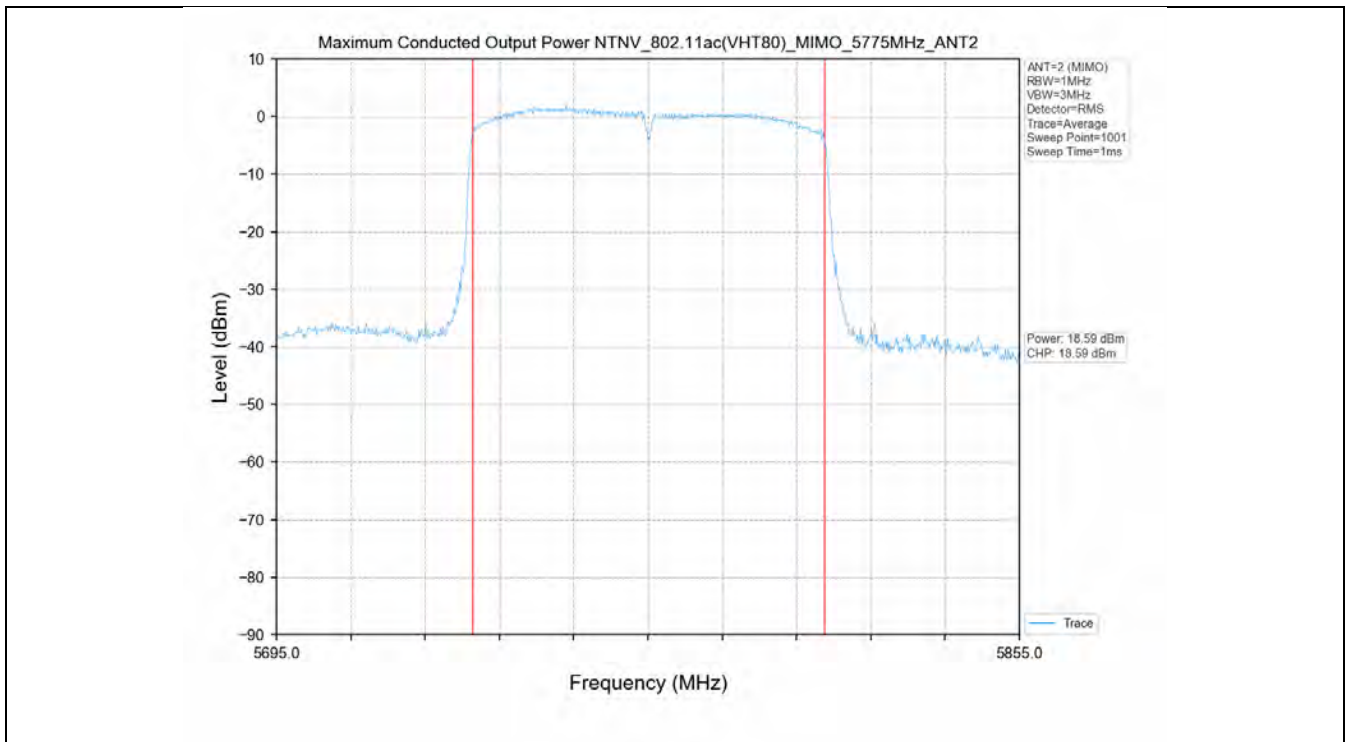
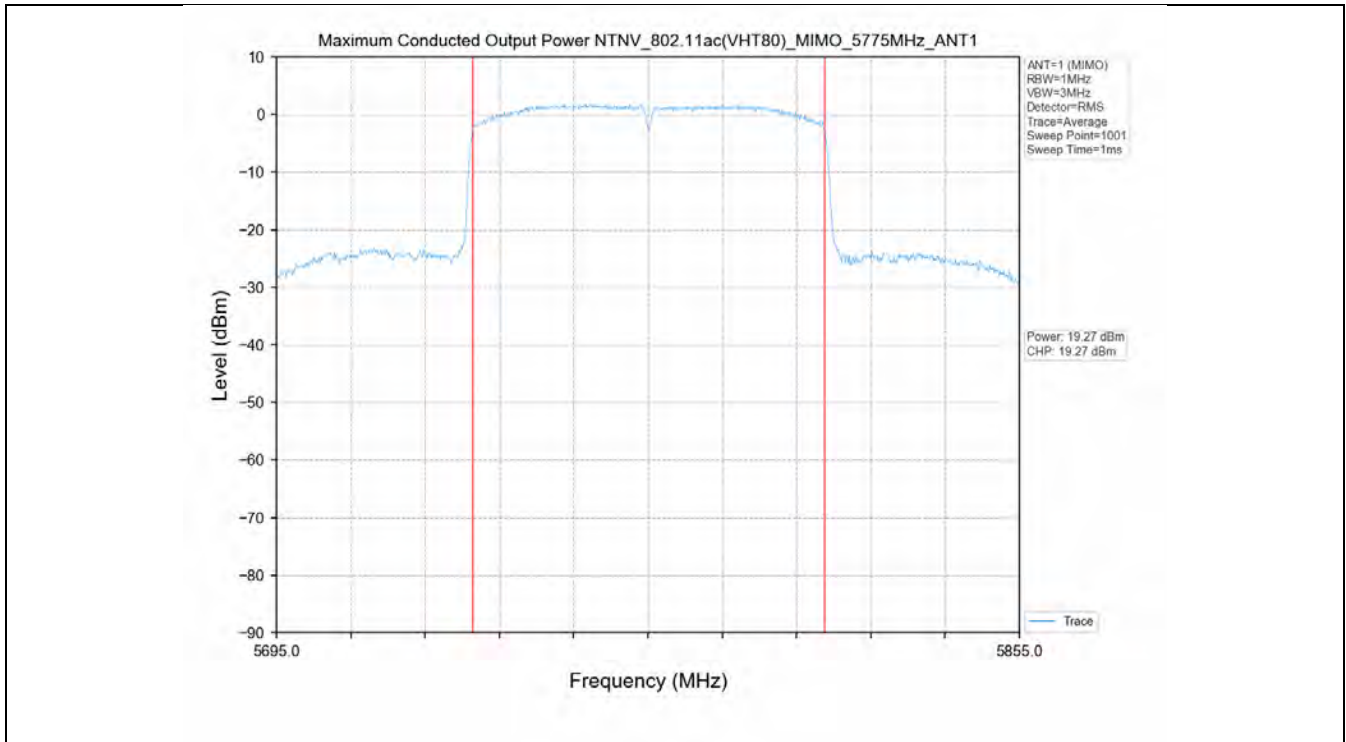














4. Maximum Power Spectral Density (PSD)

4.1 Test Result

For FCC

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)			Limits (dBm/MHz)	Verdict
			Ant 1	Ant 2	Total		
802.11a	5180	SISO	2.00	2.08	/	≤11	PASS
	5200	SISO	2.43	2.23	/	≤11	PASS
	5240	SISO	3.10	2.16	/	≤11	PASS
802.11n(HT20)	5180	MIMO	-2.10	-1.90	0.85	≤10.84	PASS
	5200	MIMO	-2.86	-3.05	-0.06	≤10.84	PASS
	5240	MIMO	-1.99	-2.86	0.47	≤10.84	PASS
802.11n(HT40)	5190	MIMO	-5.32	-5.59	-2.62	≤10.84	PASS
	5230	MIMO	-4.56	-5.33	-2.04	≤10.84	PASS
802.11ac(VHT20)	5180	MIMO	-2.51	-2.52	0.34	≤10.84	PASS
	5200	MIMO	-1.81	-2.11	1.01	≤10.84	PASS
	5240	MIMO	-1.67	-2.20	0.96	≤10.84	PASS
802.11ac(VHT40)	5190	MIMO	-5.12	-5.35	-2.45	≤10.84	PASS
	5230	MIMO	-4.52	-5.17	-2.09	≤10.84	PASS
802.11ac(VHT80)	5210	MIMO	-7.53	-7.41	-4.83	≤10.84	PASS

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)			Limits (dBm/500kHz)	Verdict
			Ant 1	Ant 2	Total		
802.11a	5745	SISO	6.68	6.87	/	≤30	PASS
	5785	SISO	6.06	6.15	/	≤30	PASS
	5825	SISO	5.51	6.00	/	≤30	PASS
802.11n(HT20)	5745	MIMO	7.24	7.32	10.23	≤29.84	PASS
	5785	MIMO	6.38	6.40	9.11	≤29.84	PASS
	5825	MIMO	5.48	6.18	8.66	≤29.84	PASS
802.11n(HT40)	5755	MIMO	2.06	2.17	5.01	≤29.84	PASS
	5795	MIMO	2.85	3.01	5.73	≤29.84	PASS
802.11ac(VHT20)	5745	MIMO	6.62	6.57	9.39	≤29.84	PASS
	5785	MIMO	6.29	6.24	8.94	≤29.84	PASS
	5825	MIMO	5.49	5.86	8.48	≤29.84	PASS
802.11ac(VHT40)	5755	MIMO	2.65	2.34	5.35	≤29.84	PASS
	5795	MIMO	3.24	3.09	6.06	≤29.84	PASS
802.11ac(VHT80)	5775	MIMO	-1.35	-2.04	1.27	≤29.84	PASS

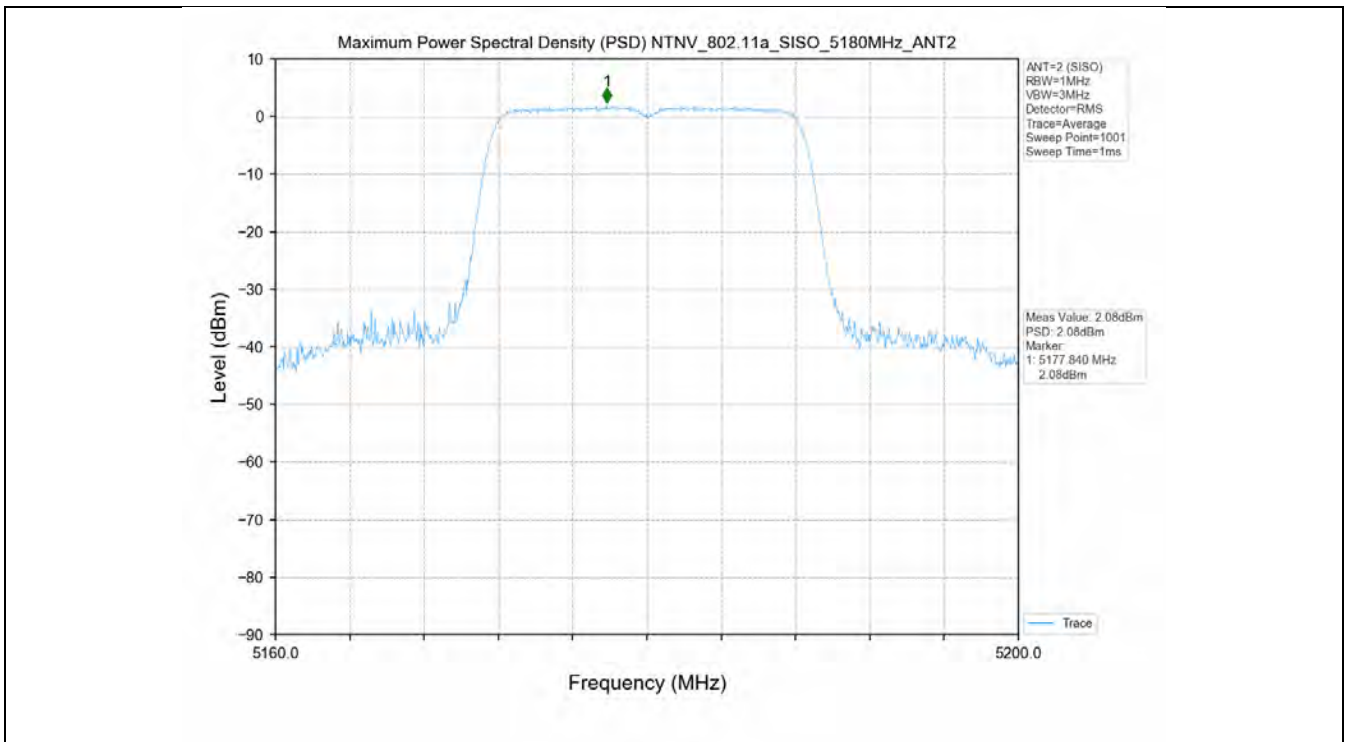
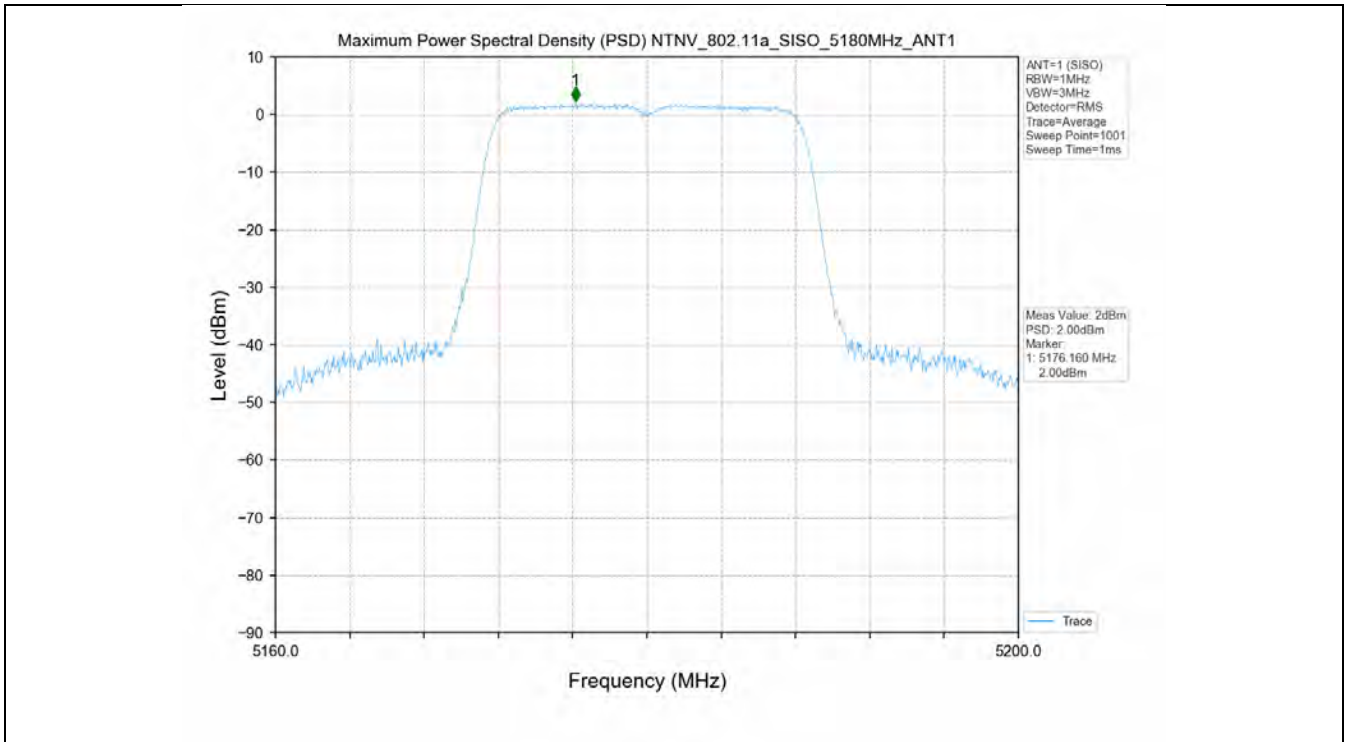


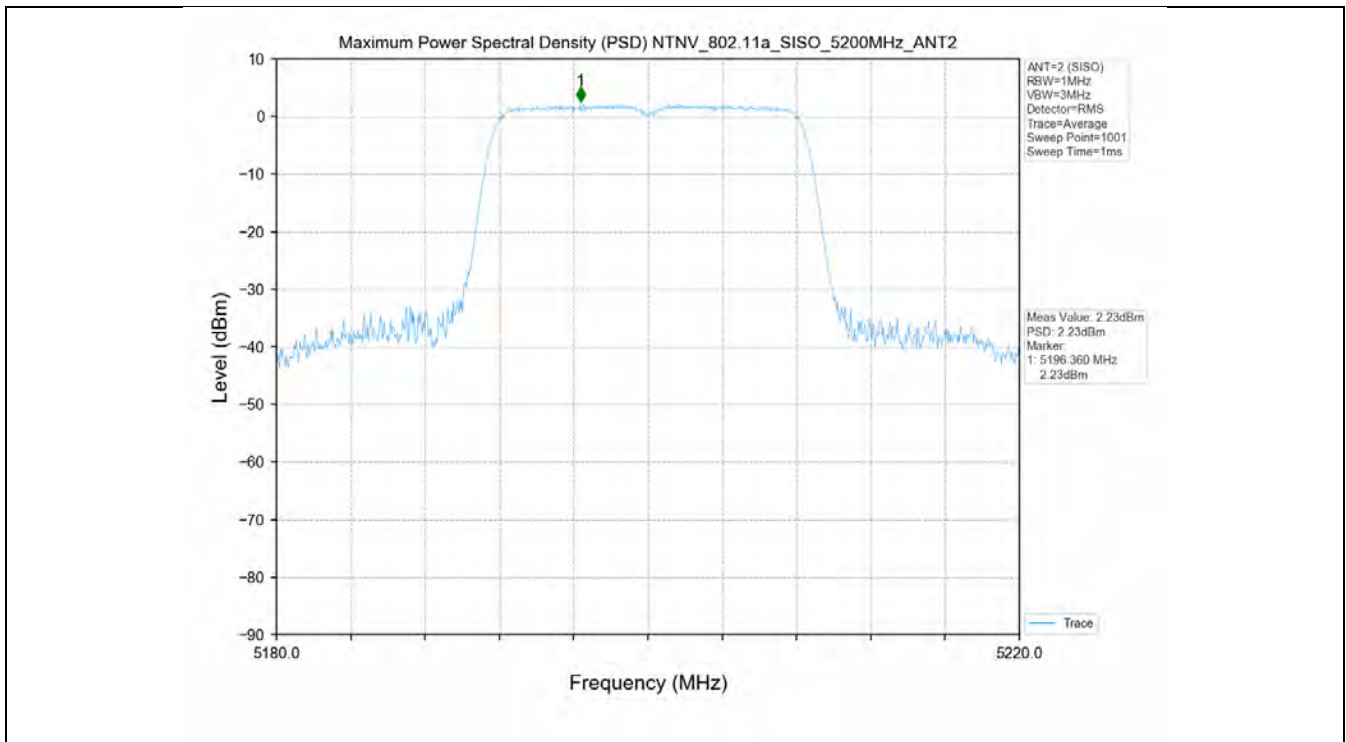
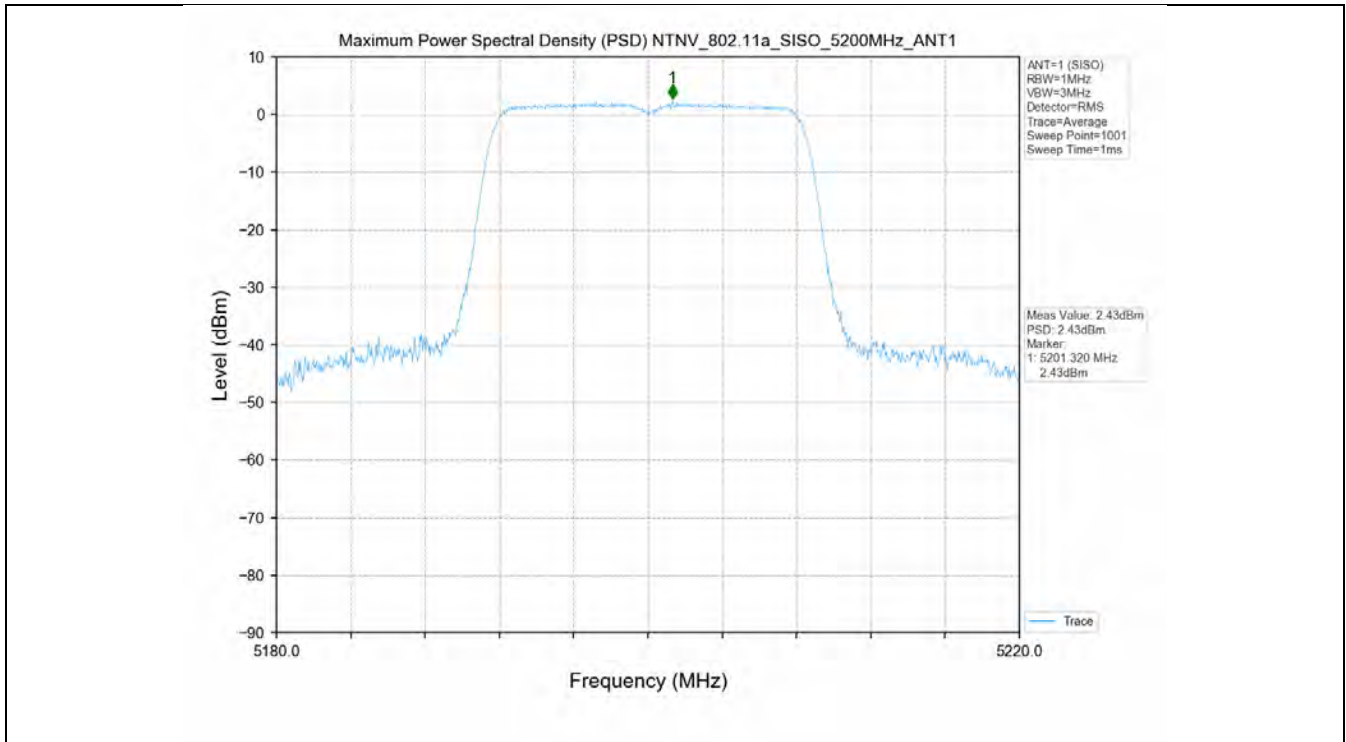
For IC

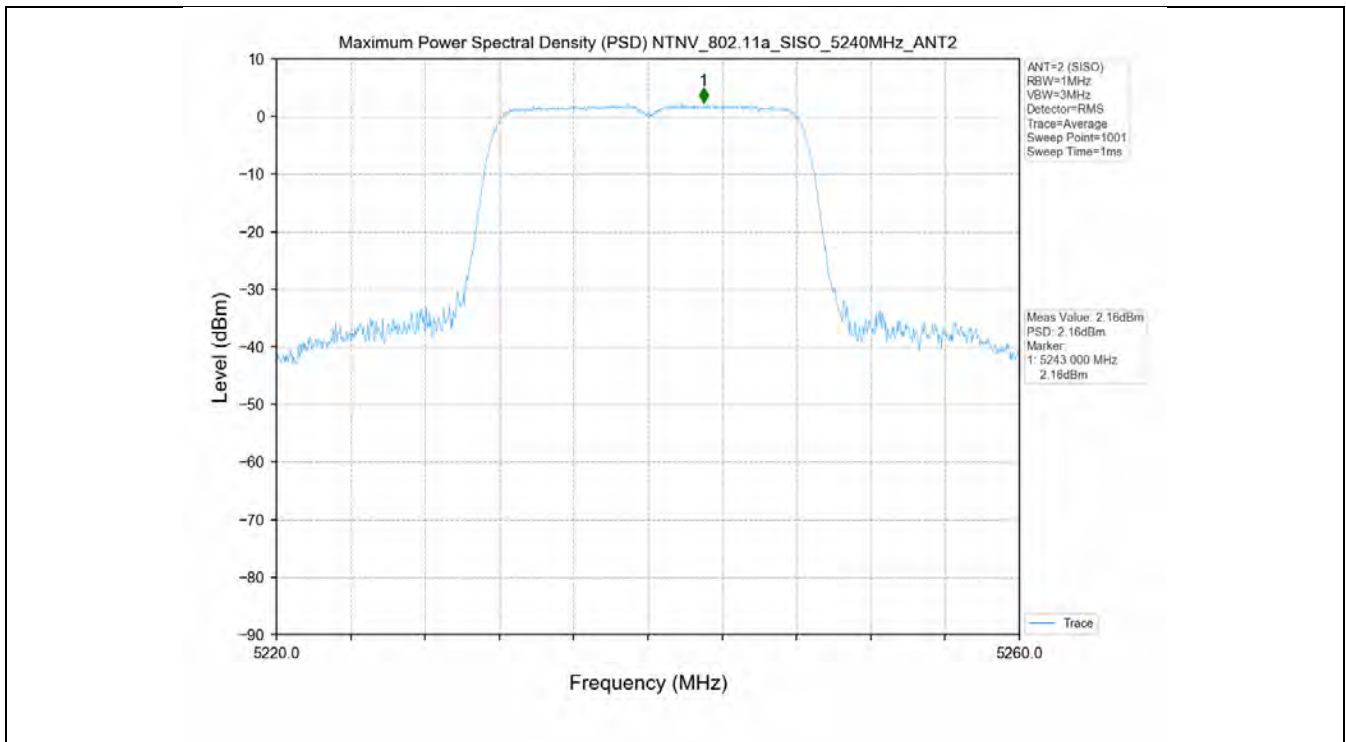
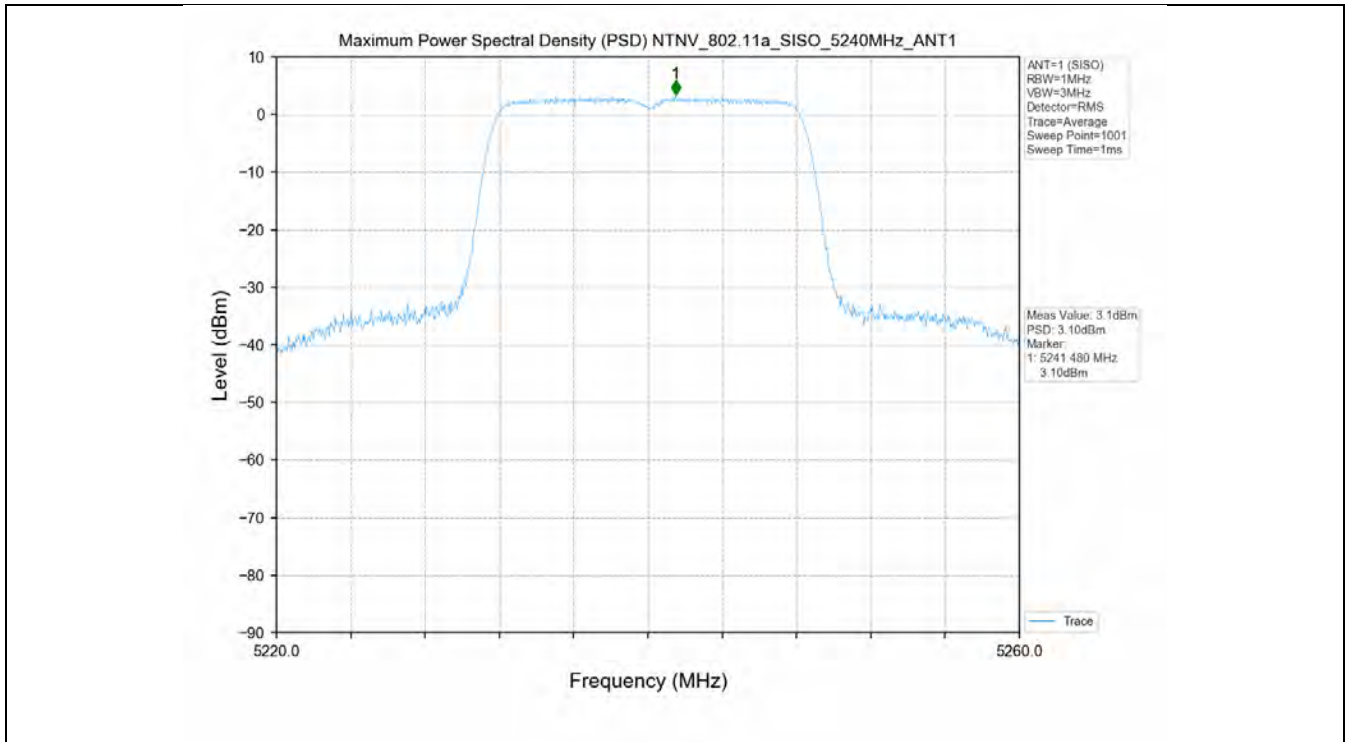
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)			Maximum EIRP Power Spectral Density (dBm/MHz)			Limits (dBm/MHz)	Verdict
			Ant 1	Ant 2	Total	Ant 1	Ant 2	Total		
802.11a	5180	SISO	2.00	2.08	/	5.15	5.23	/	≤10	PASS
	5200	SISO	2.43	2.23	/	5.58	5.38	/	≤10	PASS
	5240	SISO	3.10	2.16	/	6.25	5.31	/	≤10	PASS
802.11n (HT20)	5180	MIMO	-2.10	-1.90	1.01	4.06	4.26	7.17	≤10	PASS
	5200	MIMO	-2.86	-3.05	0.06	3.3	3.11	6.22	≤10	PASS
	5240	MIMO	-1.99	-2.86	0.61	4.17	3.3	6.77	≤10	PASS
802.11n (HT40)	5190	MIMO	-5.32	-5.59	-2.44	0.84	0.57	3.72	≤10	PASS
	5230	MIMO	-4.56	-5.33	-1.92	1.6	0.83	4.24	≤10	PASS
802.11ac (VHT20)	5180	MIMO	-2.51	-2.52	0.50	3.65	3.64	6.66	≤10	PASS
	5200	MIMO	-1.81	-2.11	1.05	4.35	4.05	7.21	≤10	PASS
	5240	MIMO	-1.67	-2.20	1.08	4.49	3.96	7.24	≤10	PASS
802.11ac (VHT40)	5190	MIMO	-5.12	-5.35	-2.22	1.04	0.81	3.94	≤10	PASS
	5230	MIMO	-4.52	-5.17	-1.82	1.64	0.99	4.34	≤10	PASS
802.11ac (VHT80)	5210	MIMO	-7.53	-7.41	-4.46	-1.37	-1.25	1.70	≤10	PASS

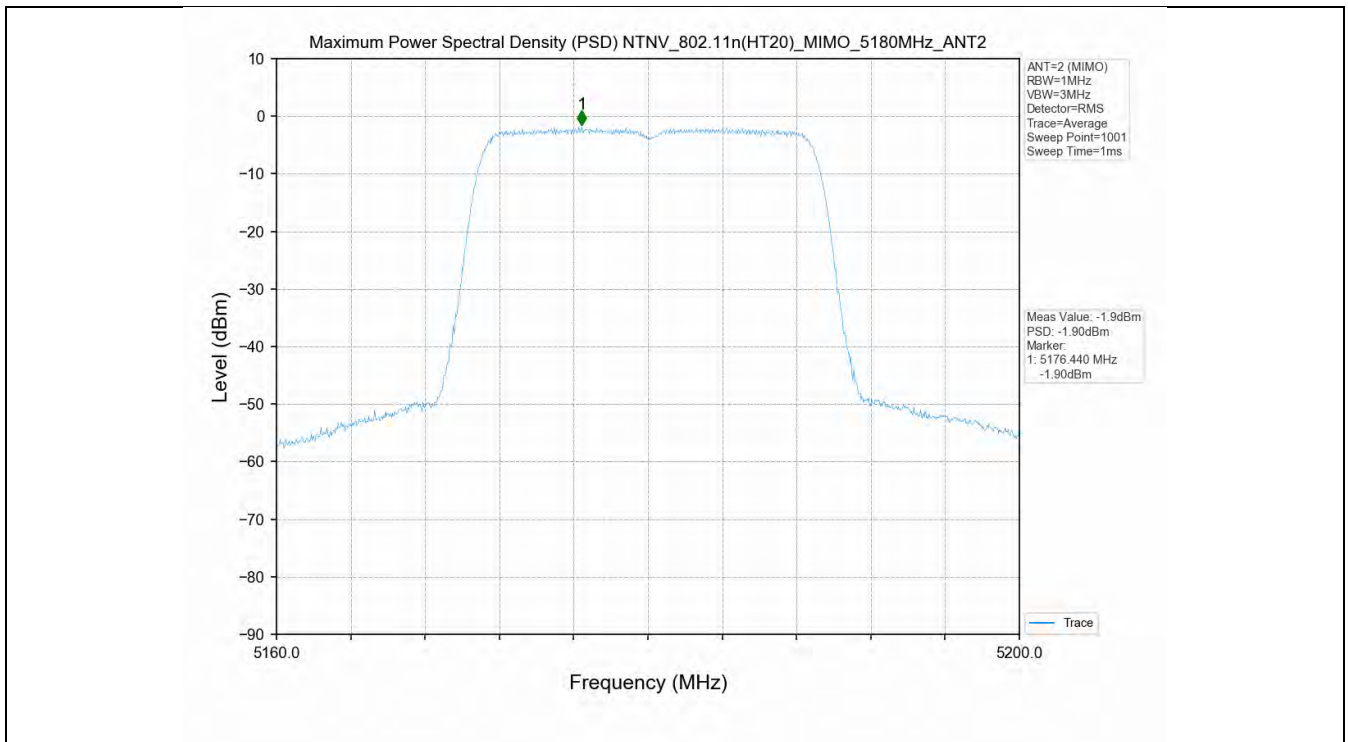
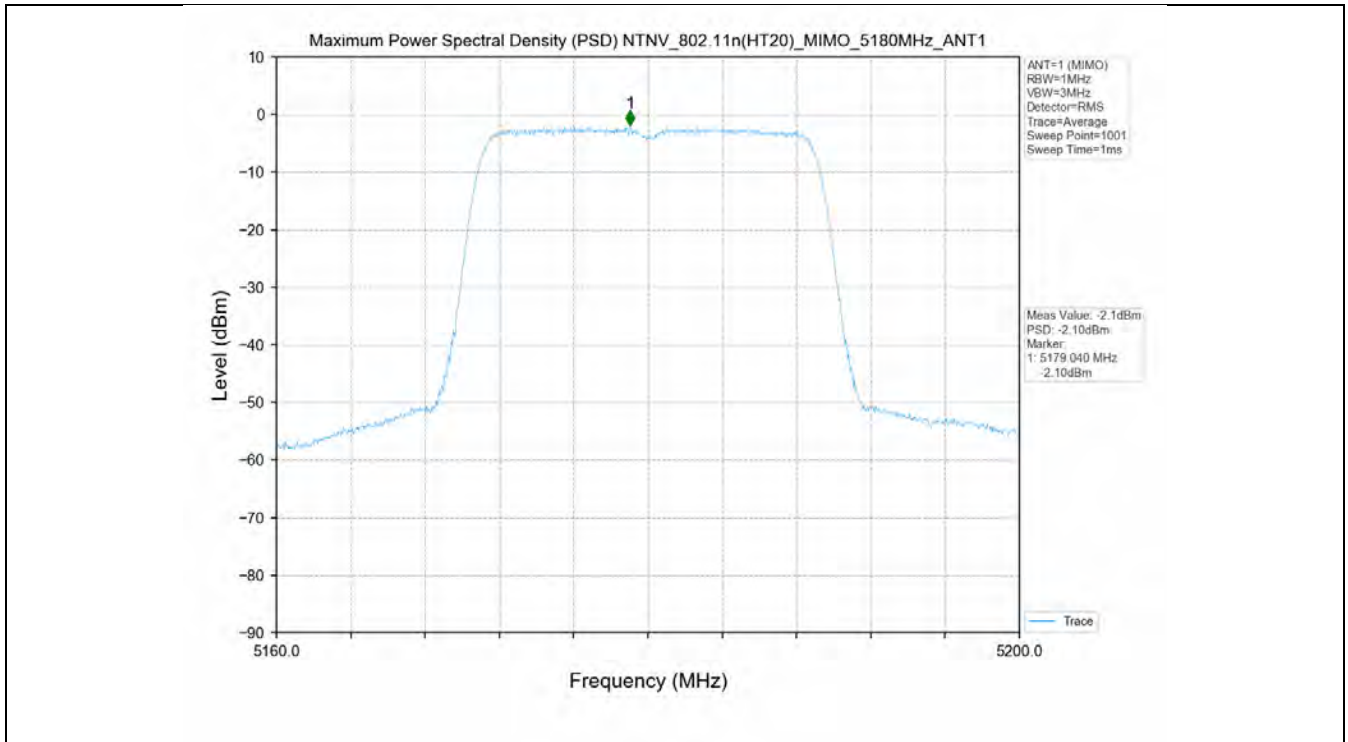
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)			Limits (dBm/500kHz)	Verdict
			Ant 1	Ant 2	Total		
802.11a	5745	SISO	6.68	6.87	/	≤29.84	PASS
	5785	SISO	6.06	6.15	/	≤29.84	PASS
	5825	SISO	5.51	6.00	/	≤29.84	PASS
802.11n(HT20)	5745	MIMO	7.24	7.32	10.23	≤29.84	PASS
	5785	MIMO	6.38	6.40	9.11	≤29.84	PASS
	5825	MIMO	5.48	6.18	8.66	≤29.84	PASS
802.11n(HT40)	5755	MIMO	2.06	2.17	5.01	≤29.84	PASS
	5795	MIMO	2.85	3.01	5.73	≤29.84	PASS
802.11ac(VHT20)	5745	MIMO	6.62	6.57	9.39	≤29.84	PASS
	5785	MIMO	6.29	6.24	8.94	≤29.84	PASS
	5825	MIMO	5.49	5.86	8.48	≤29.84	PASS
802.11ac(VHT40)	5755	MIMO	2.65	2.34	5.35	≤29.84	PASS
	5795	MIMO	3.24	3.09	6.06	≤29.84	PASS
802.11ac(VHT80)	5775	MIMO	-1.35	-2.04	1.27	≤29.84	PASS

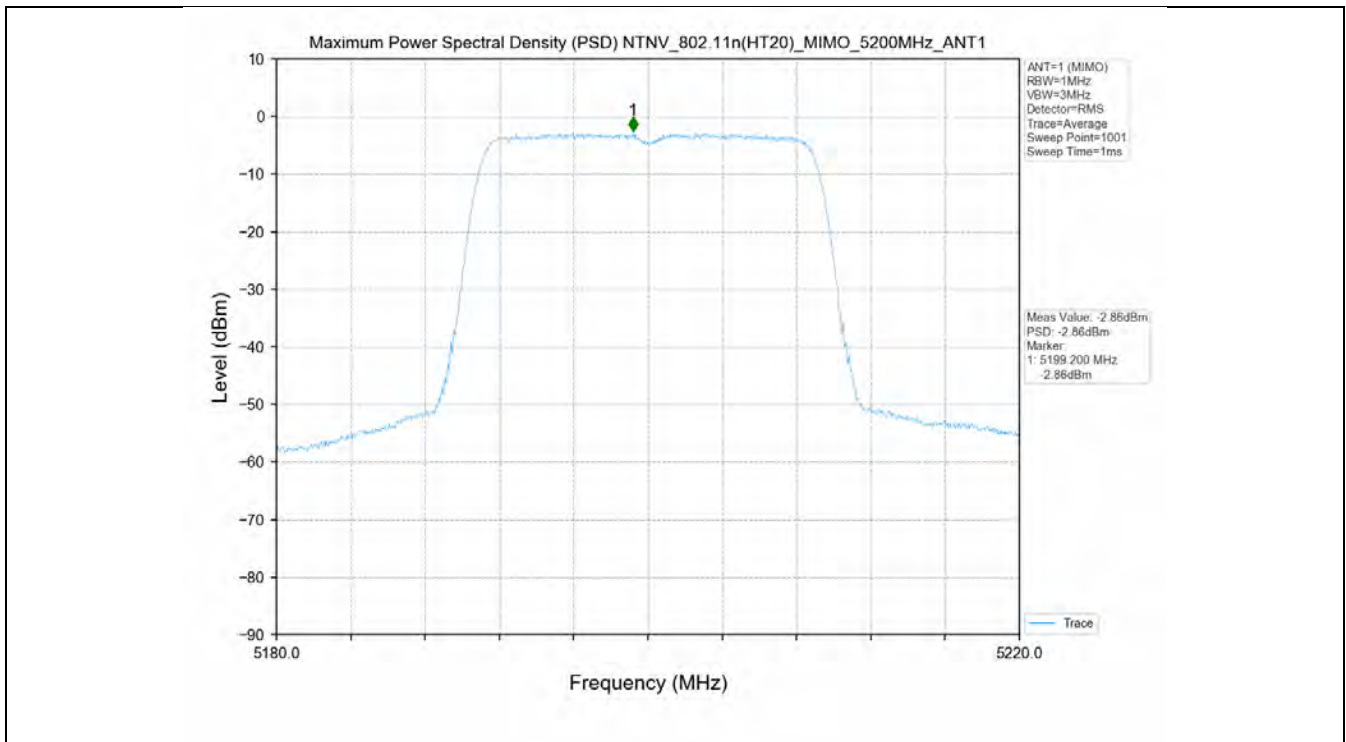
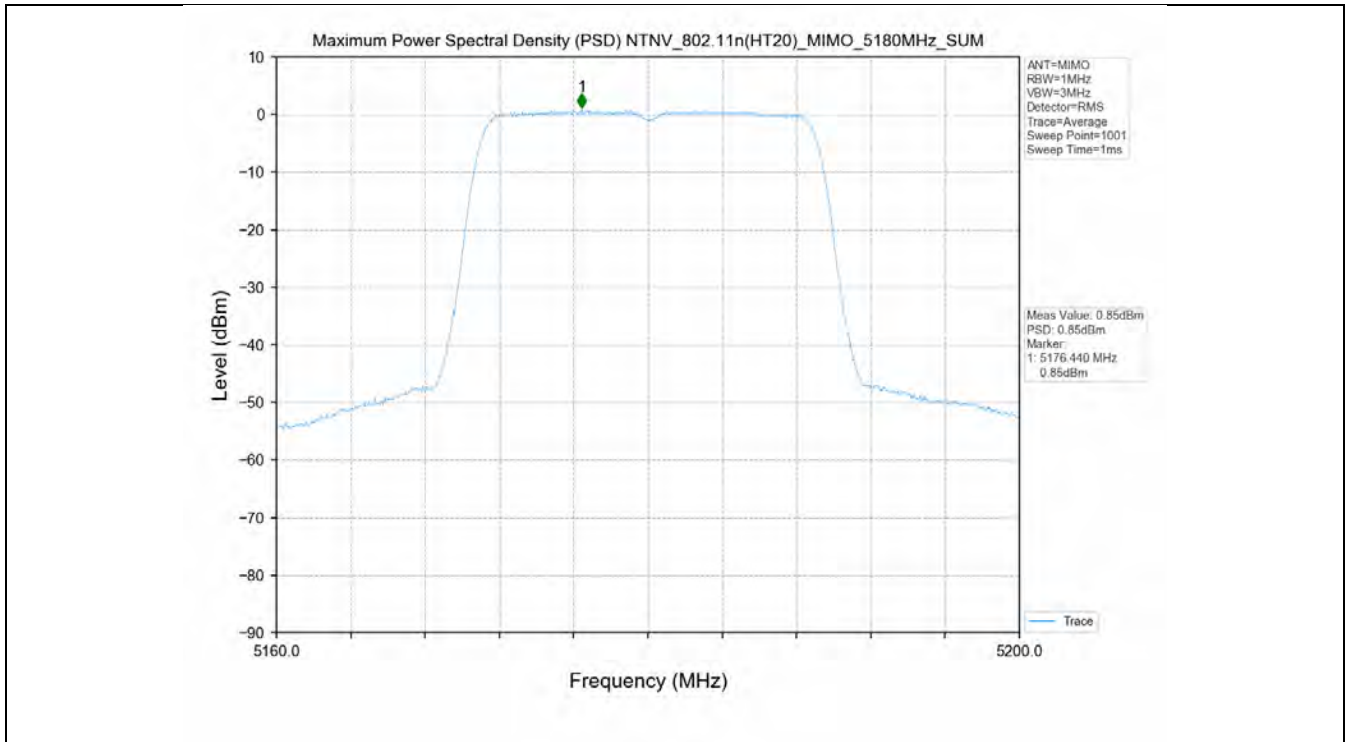
4.2 Test Graph

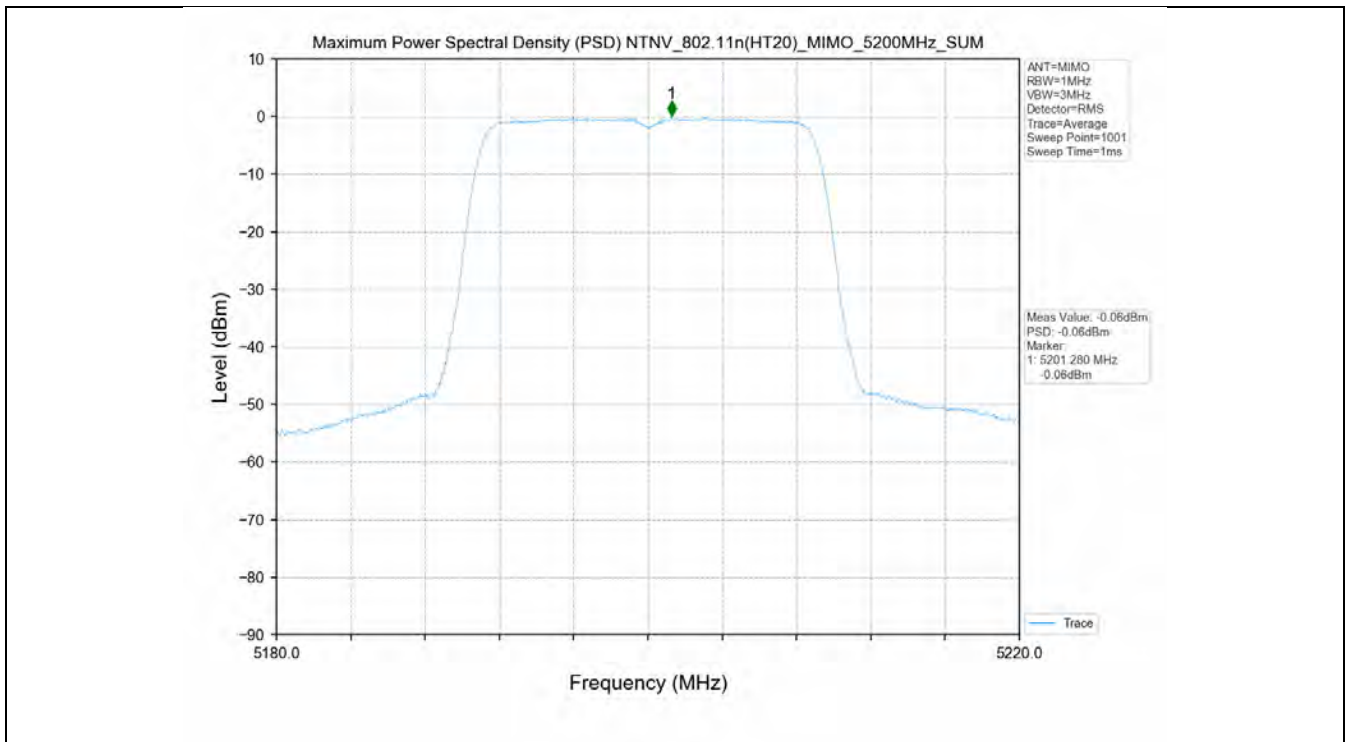
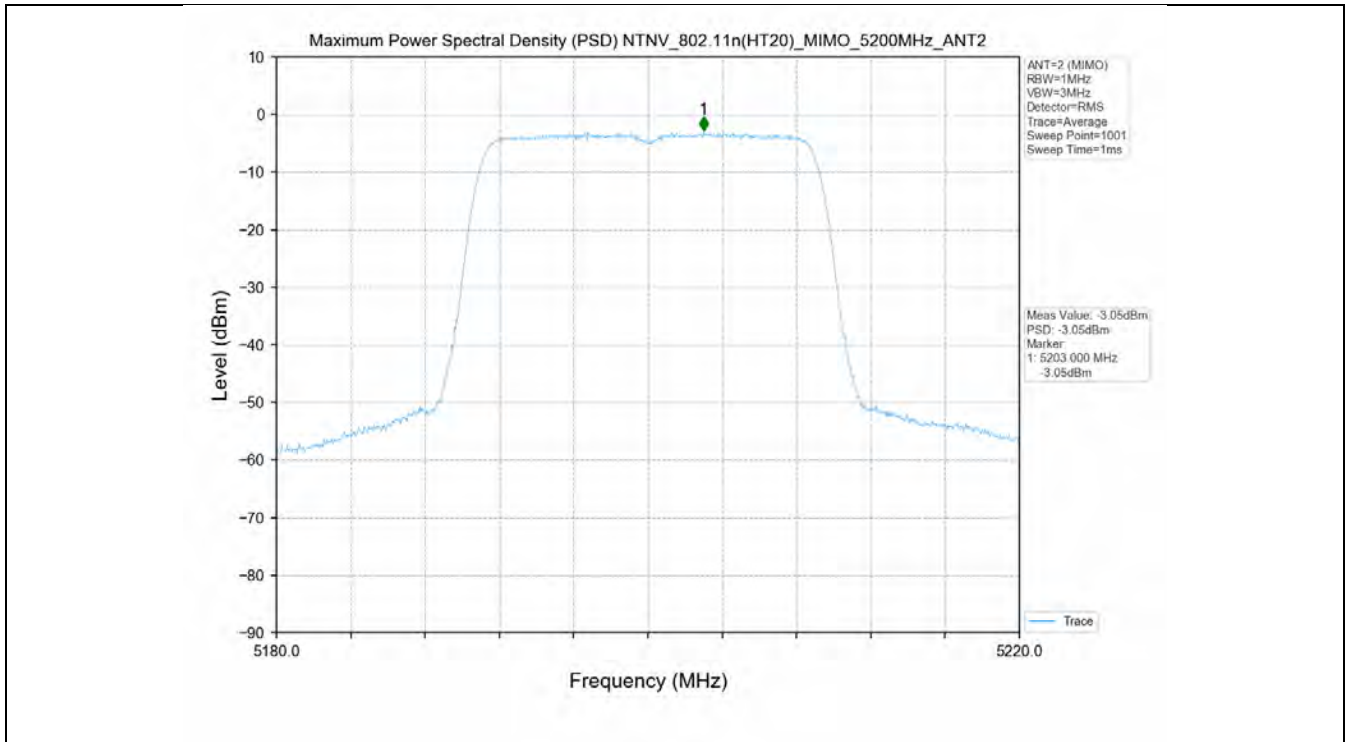


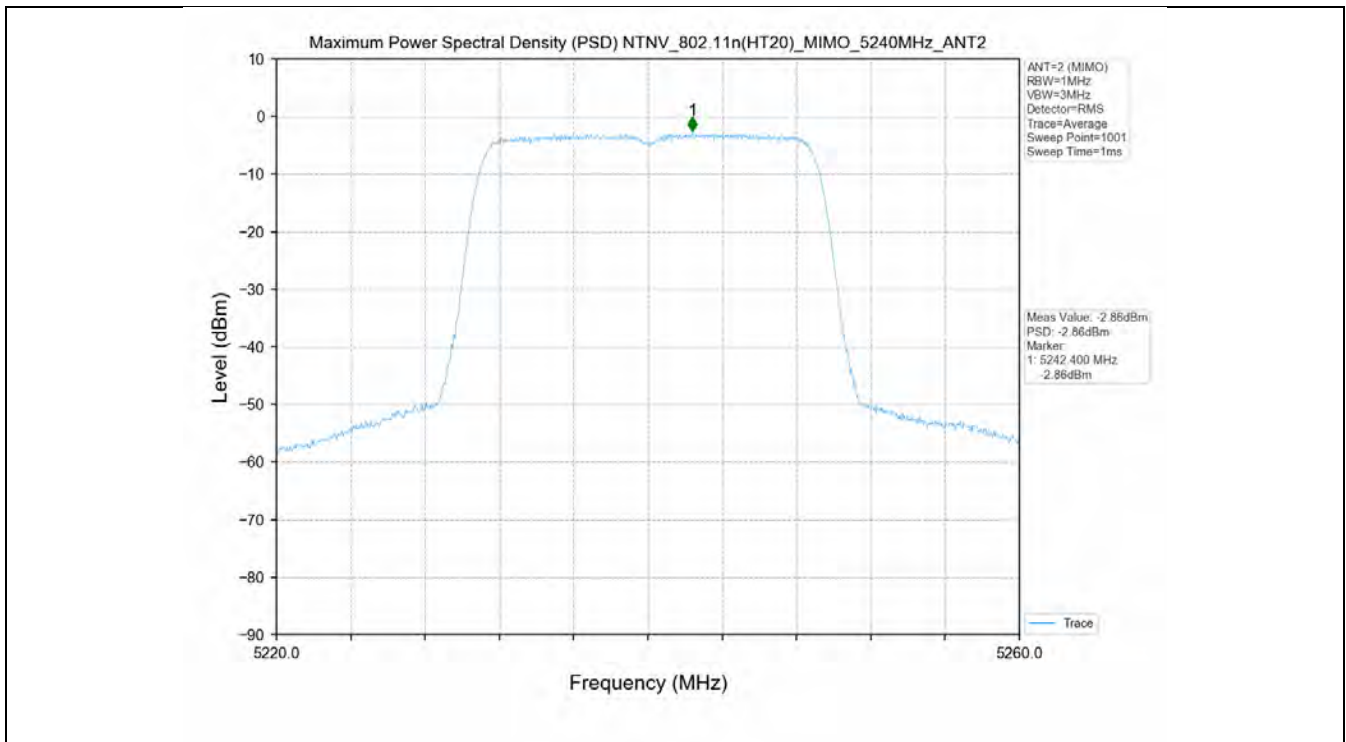
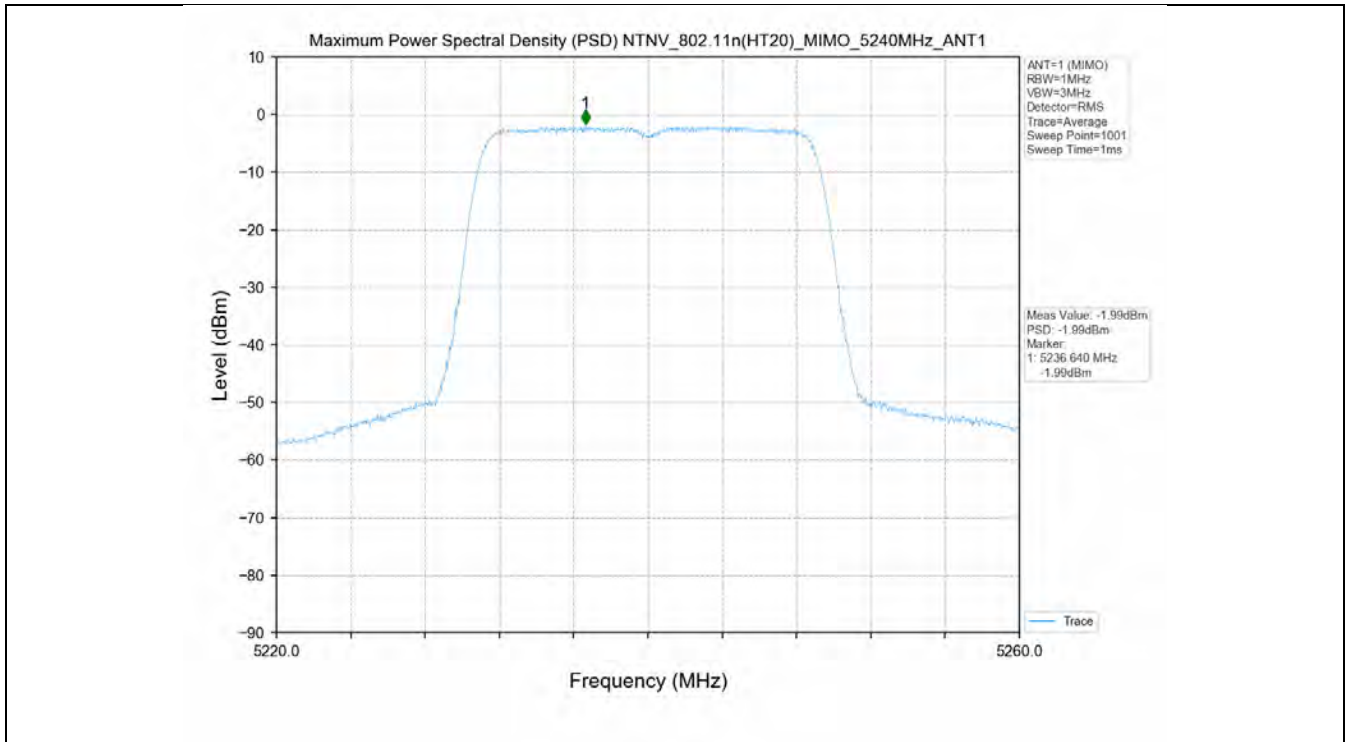


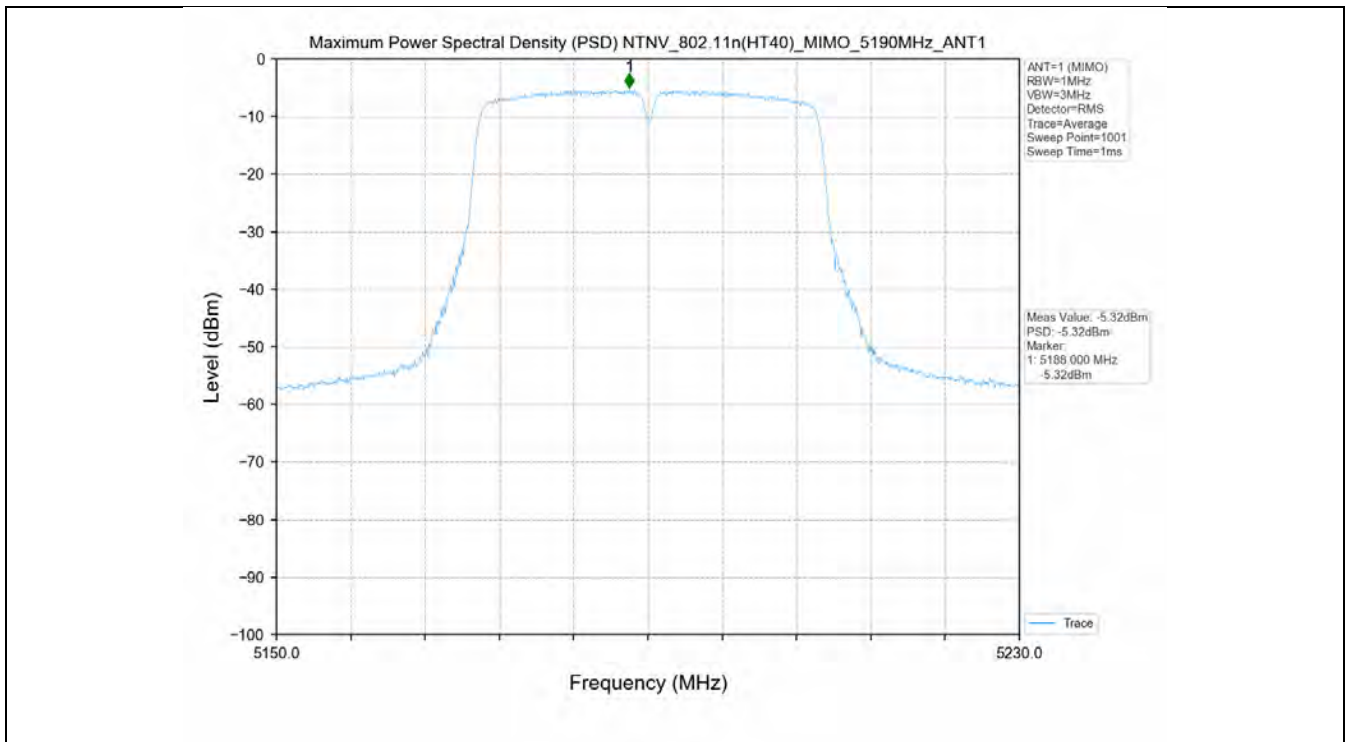
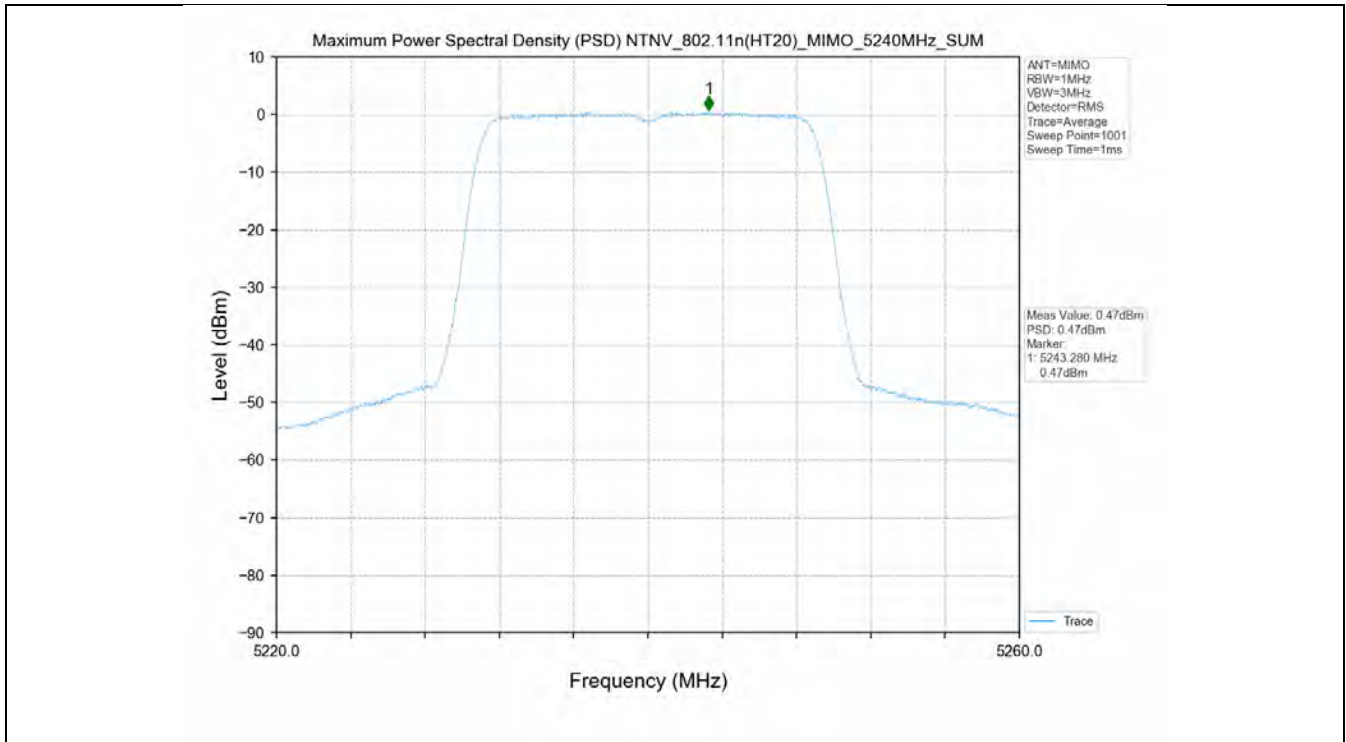


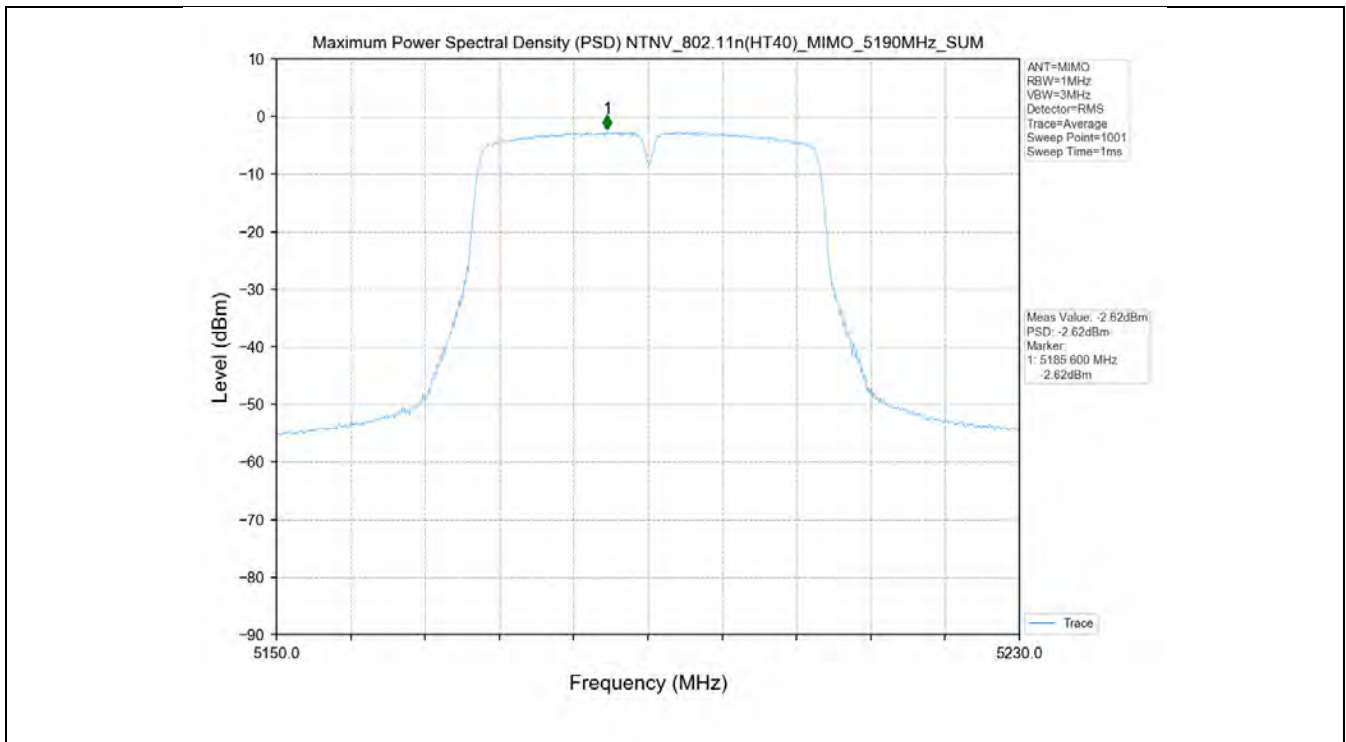
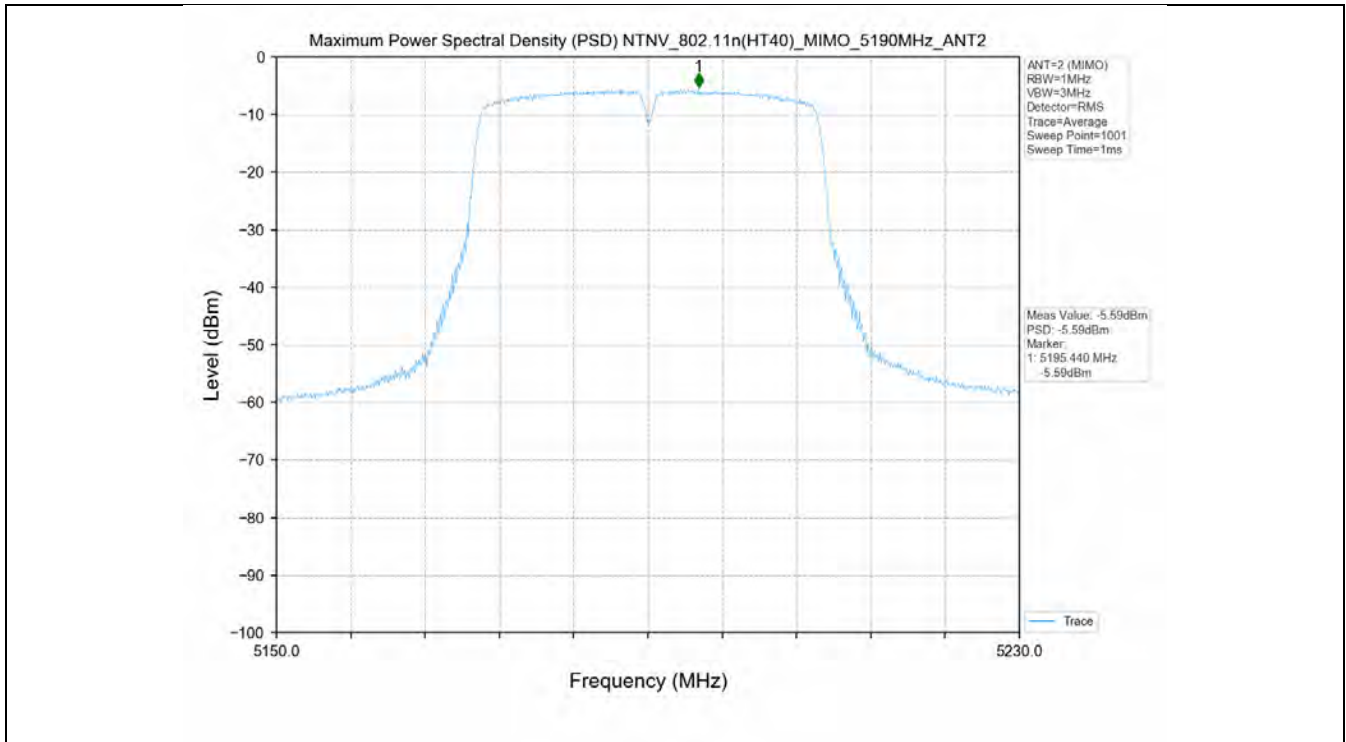


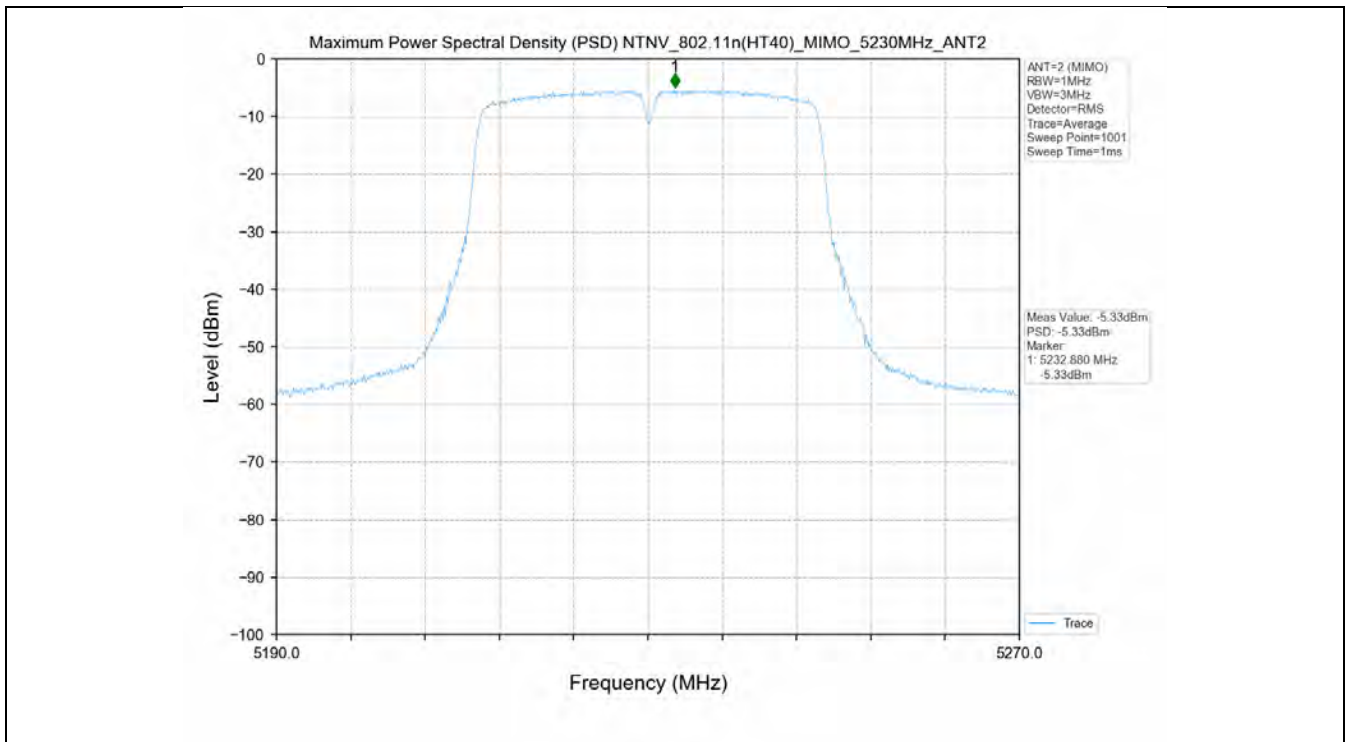
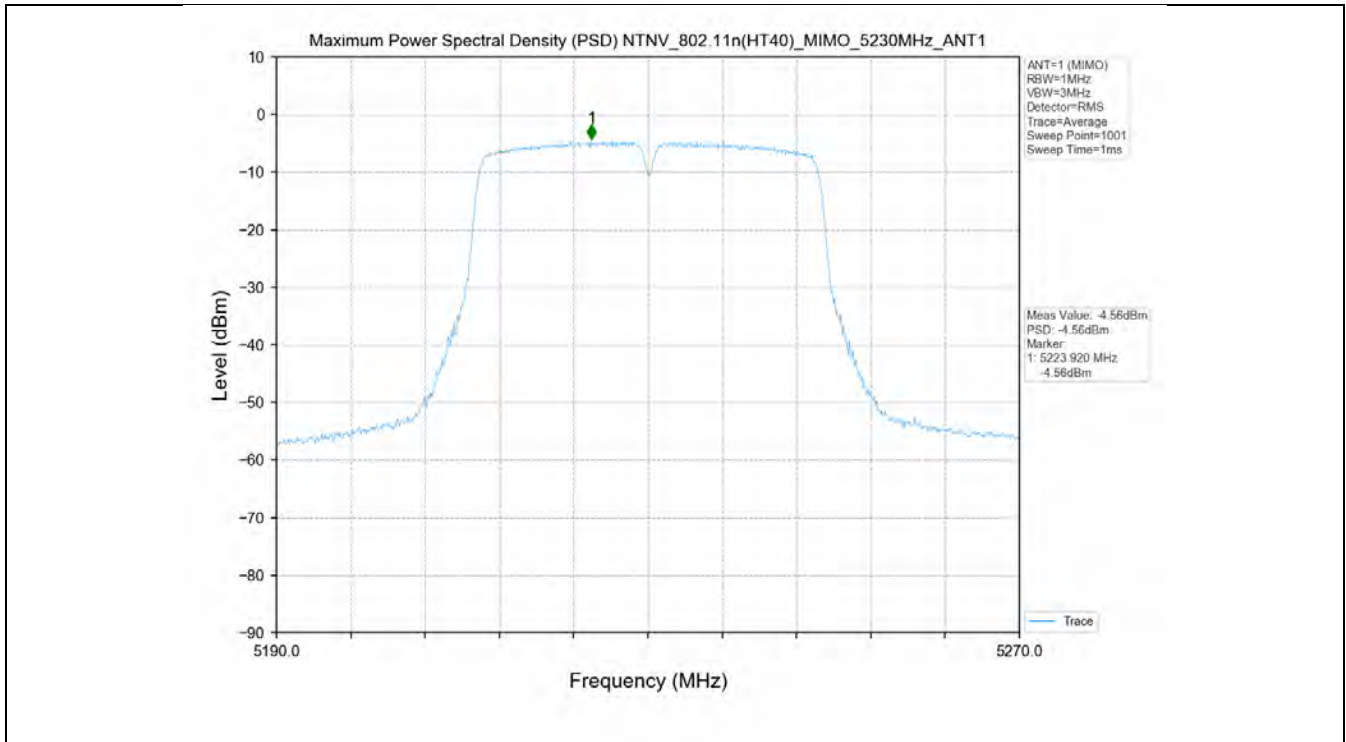


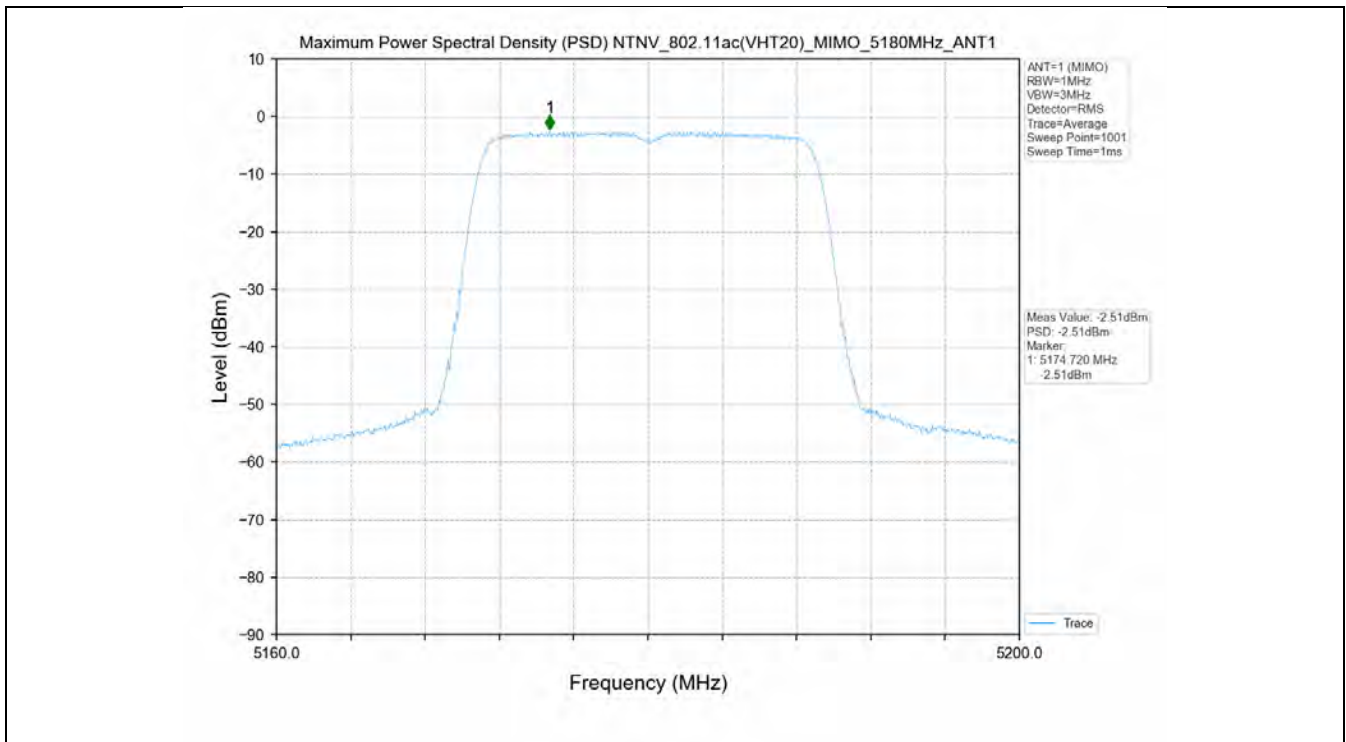
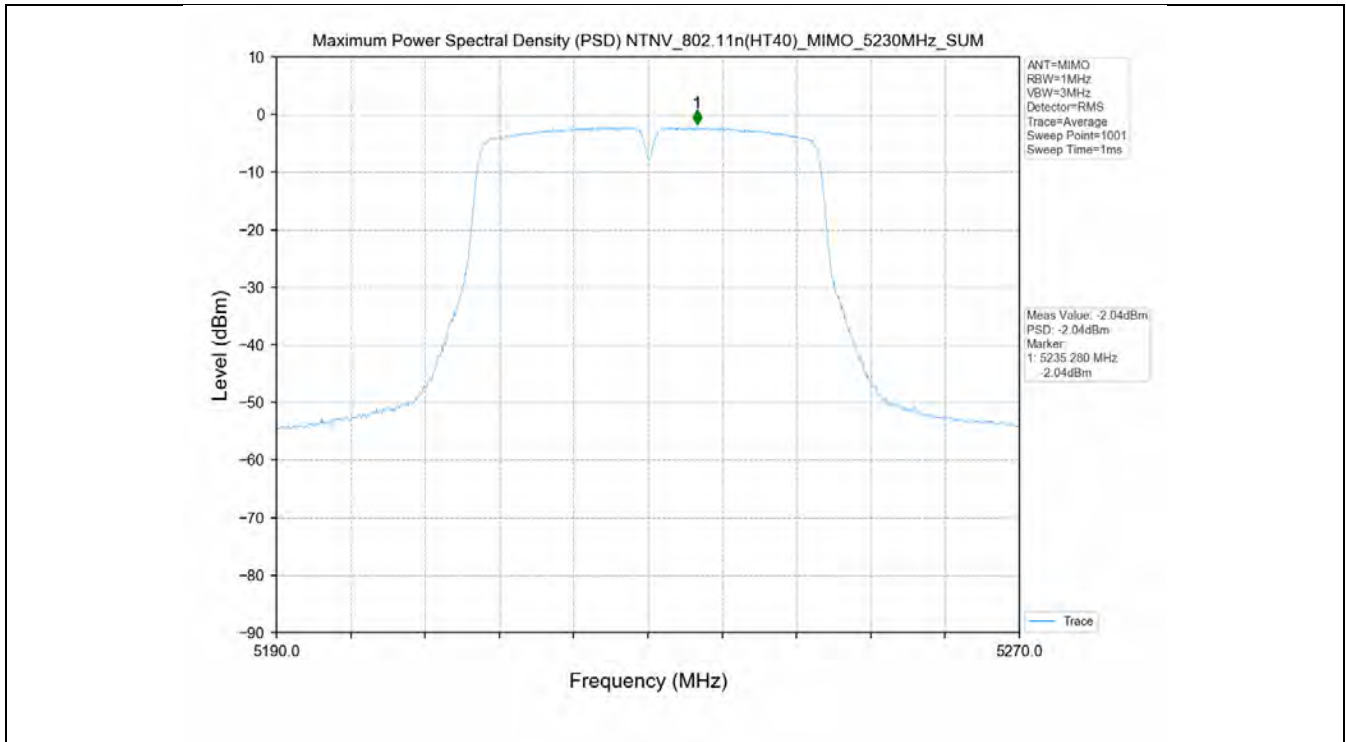


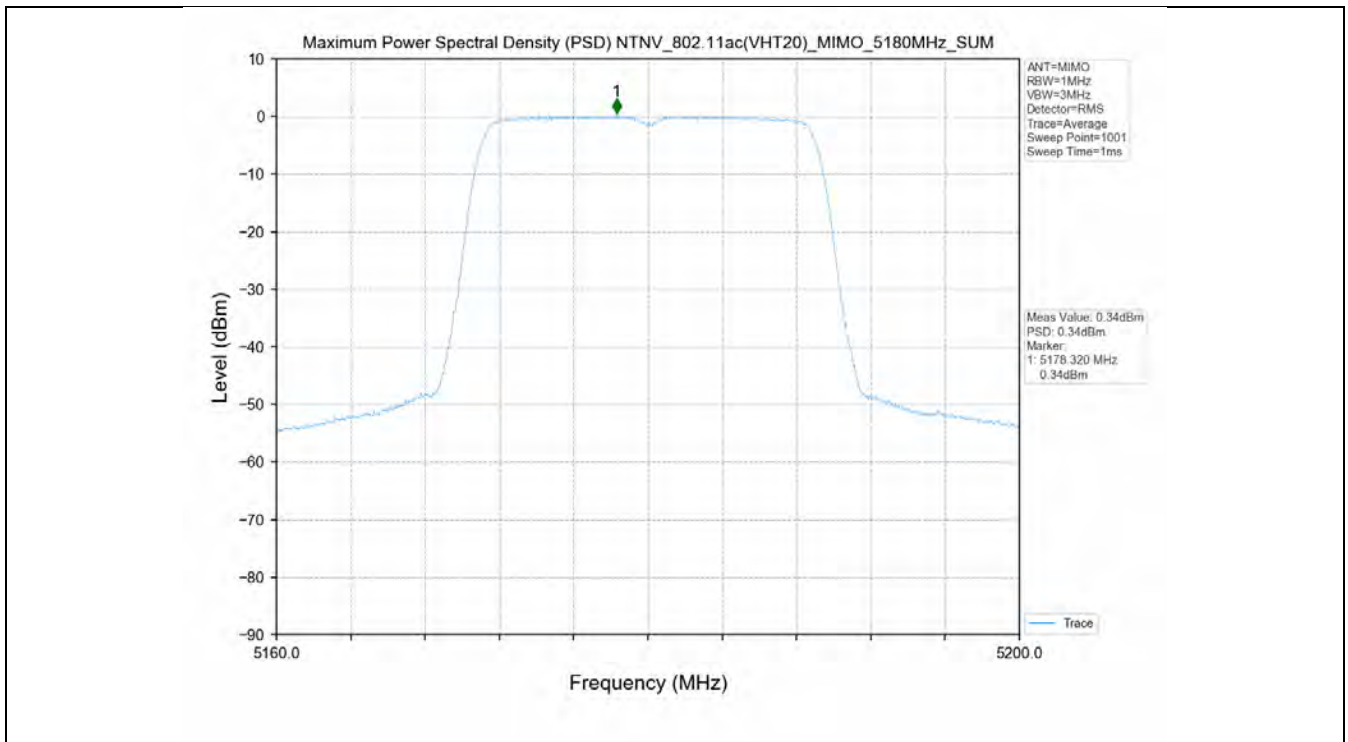
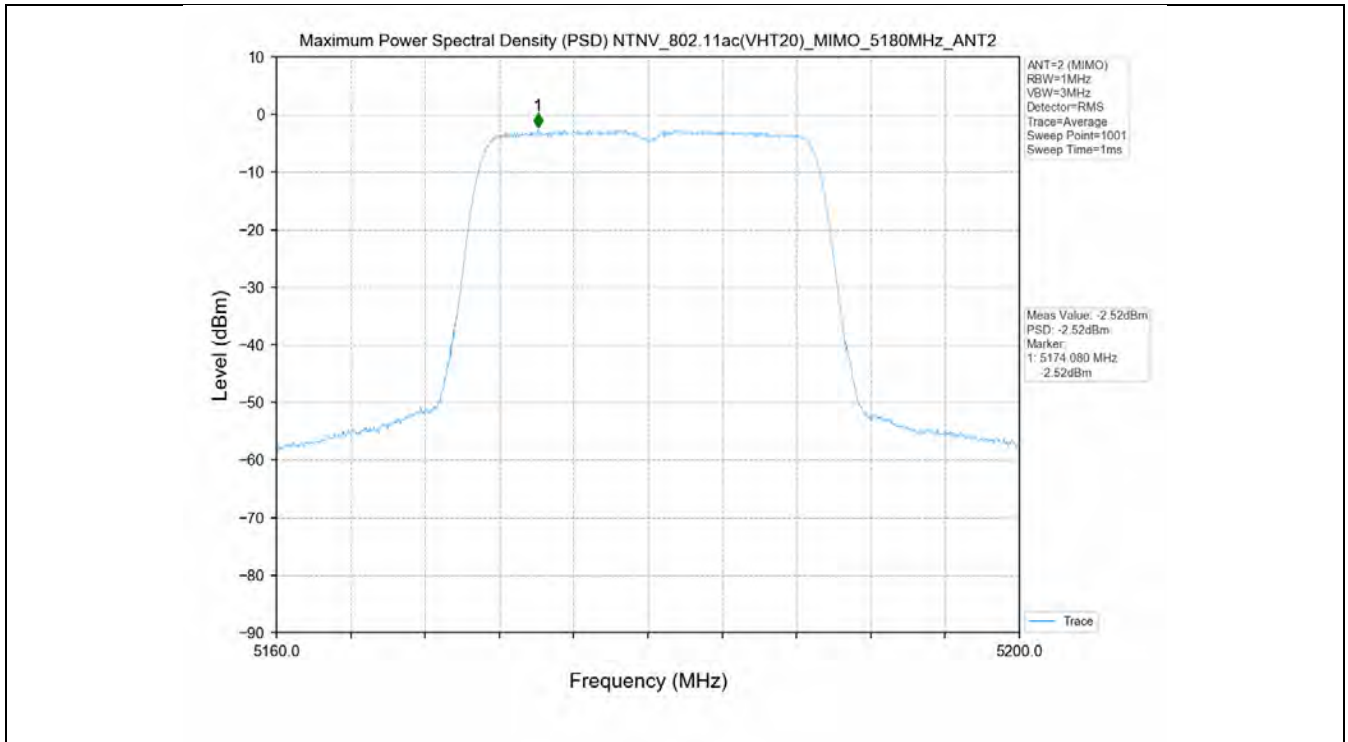


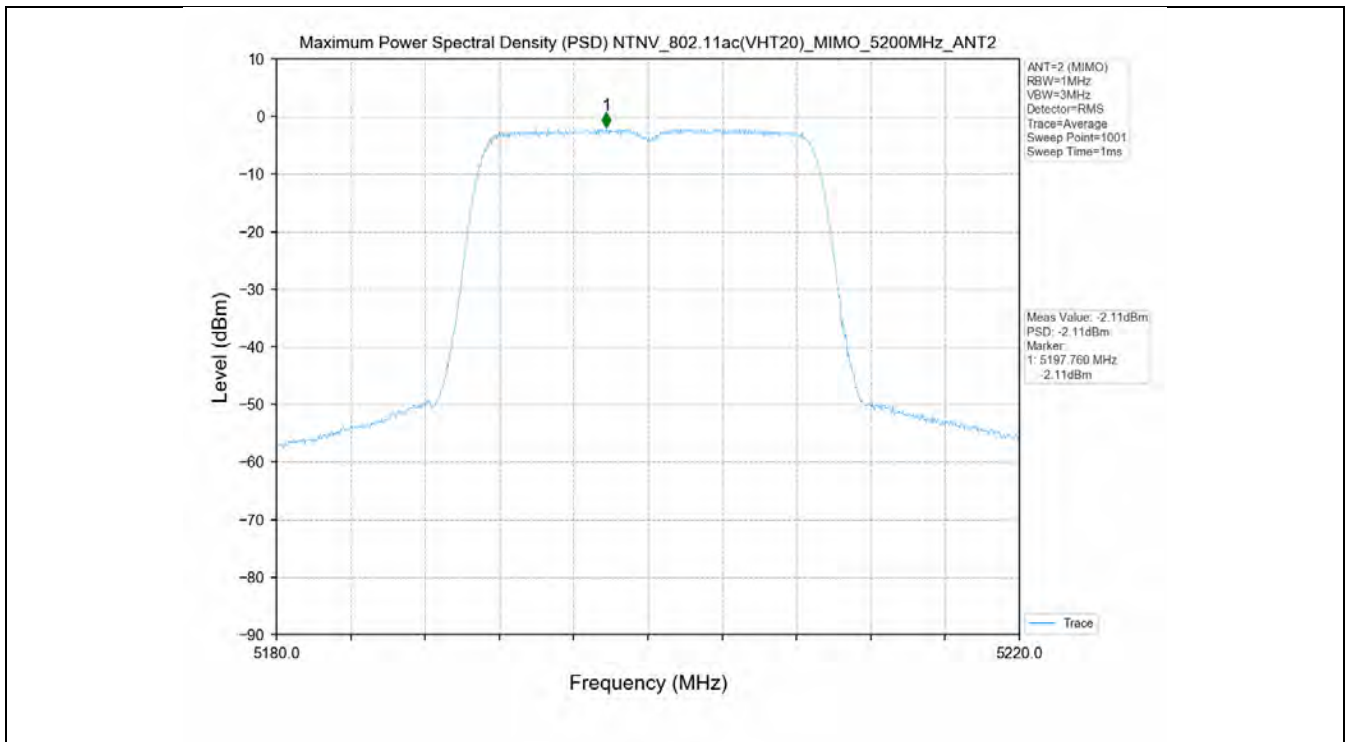
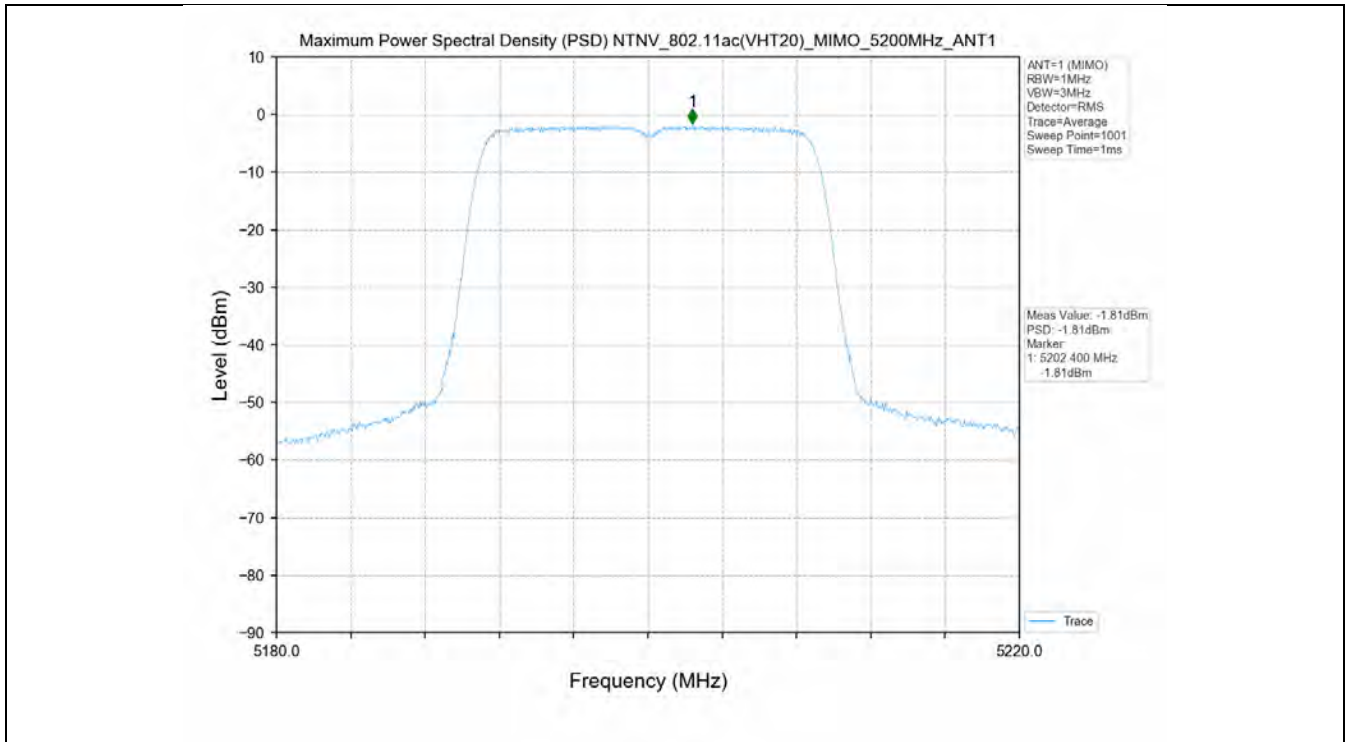


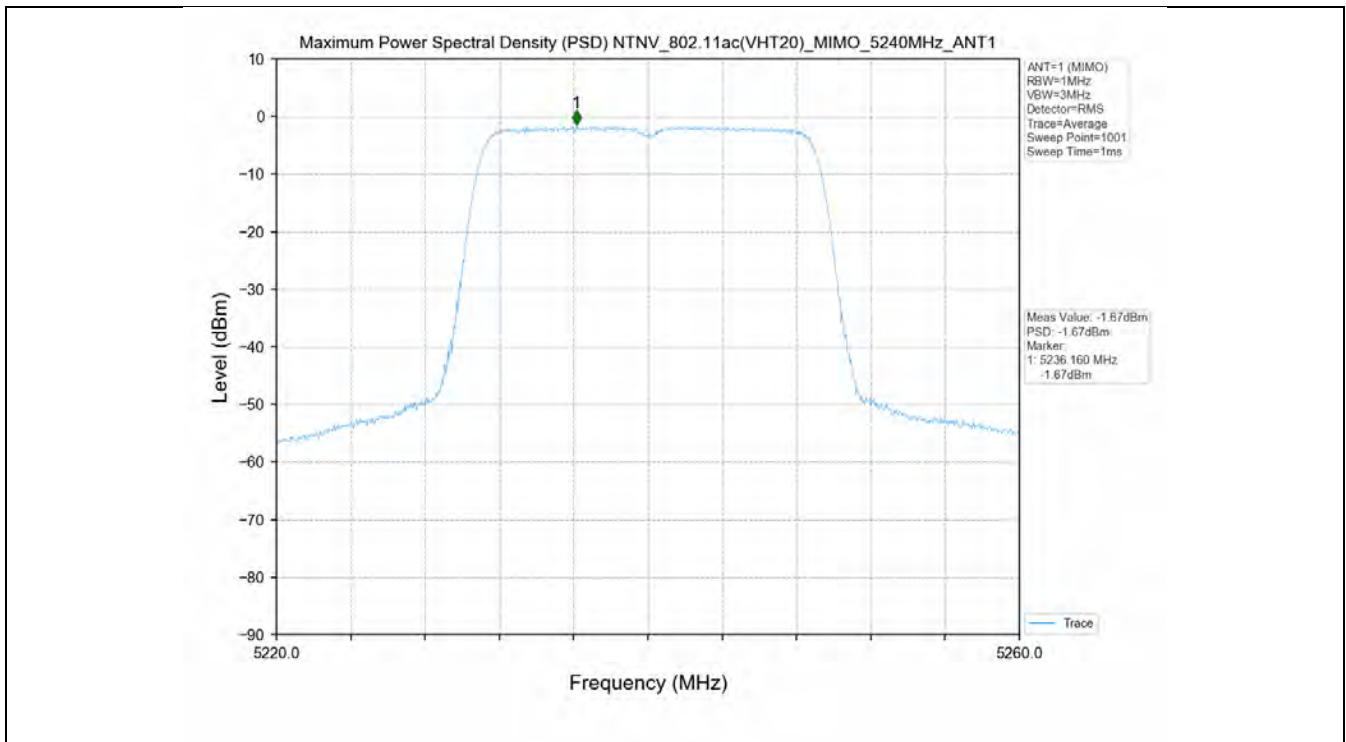
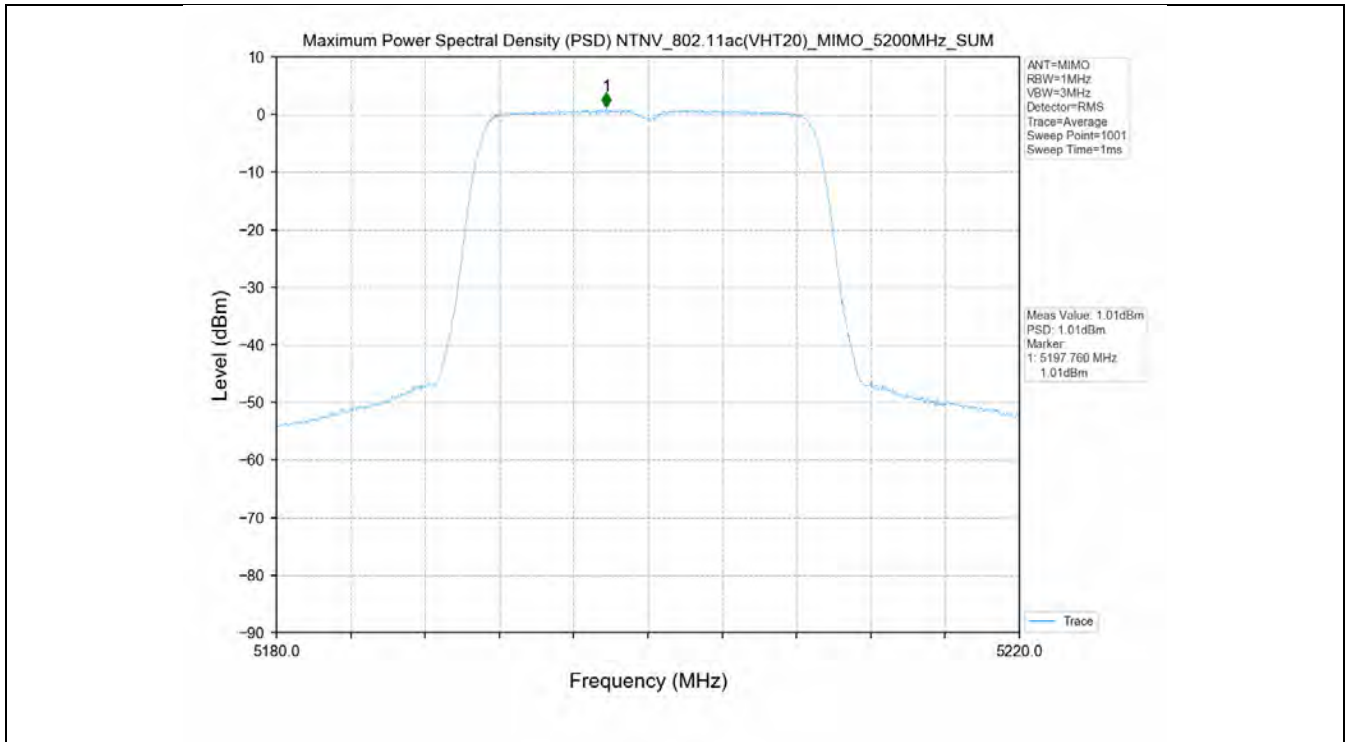


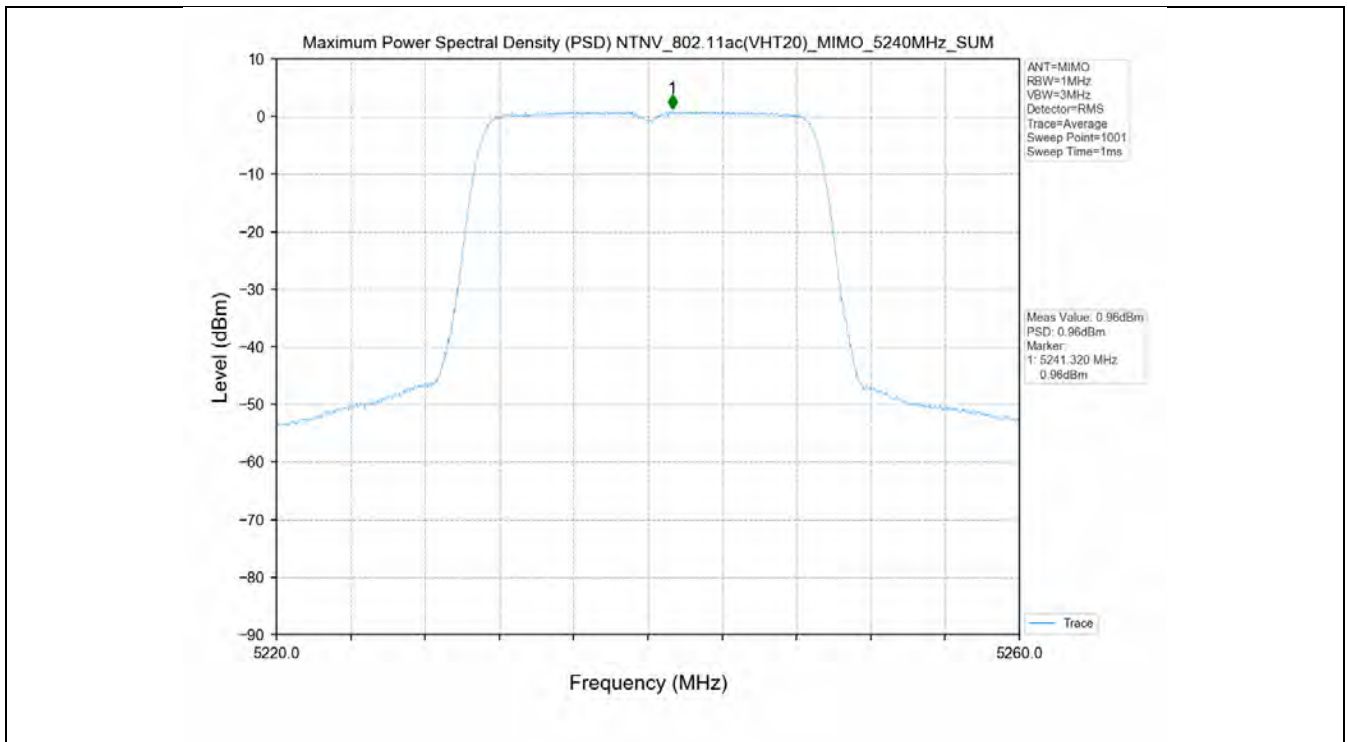
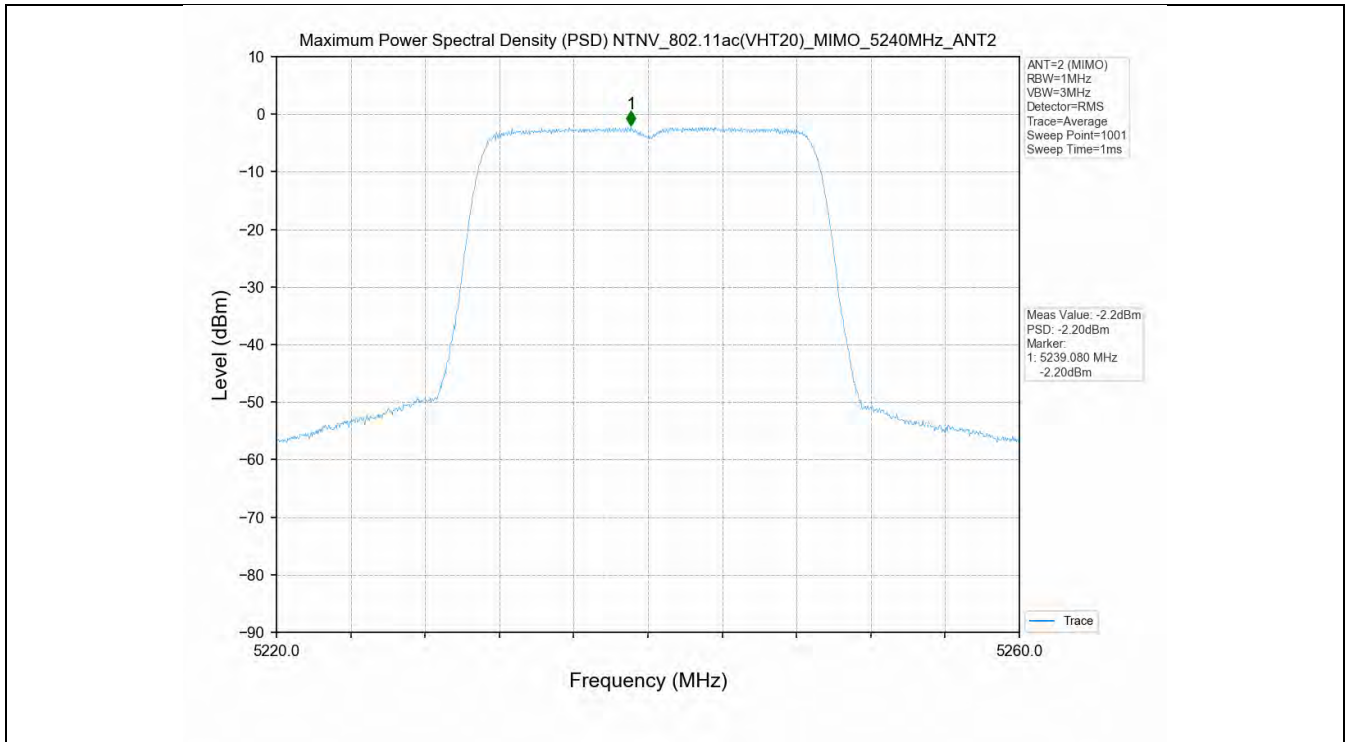


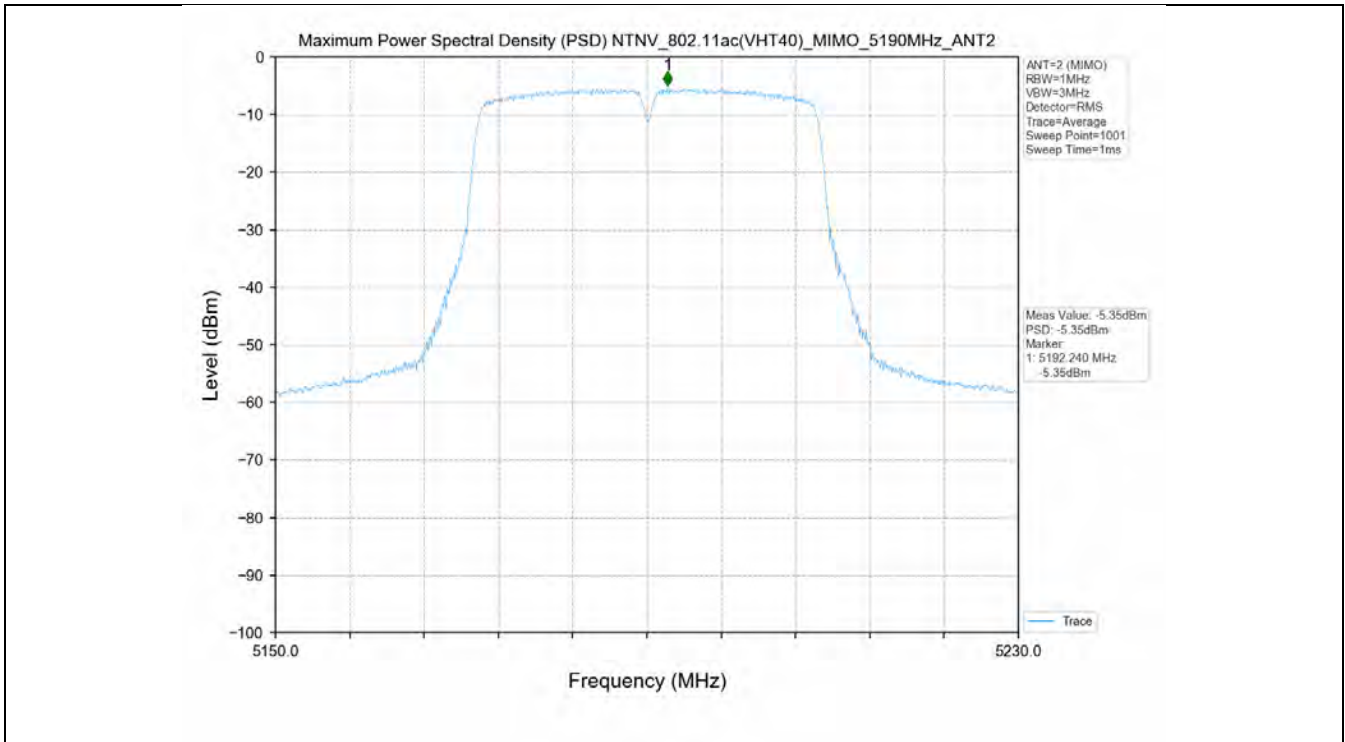
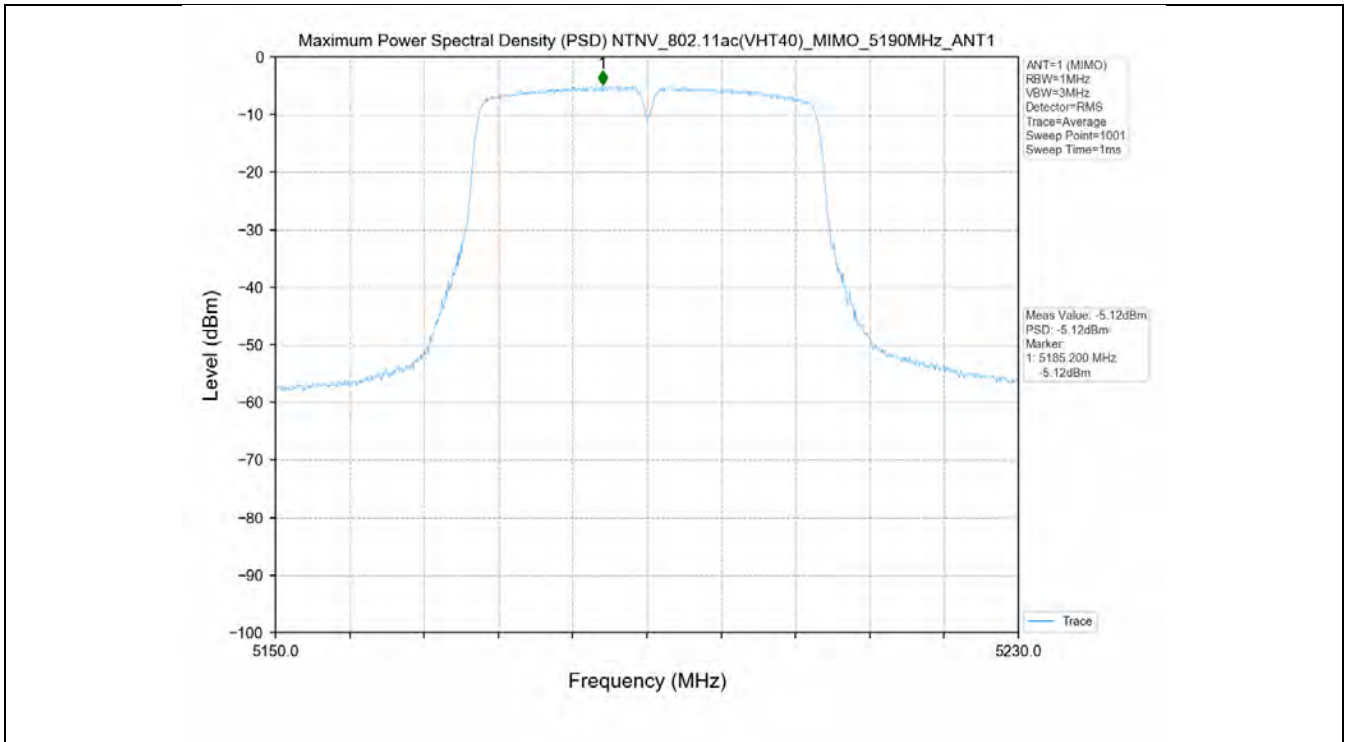


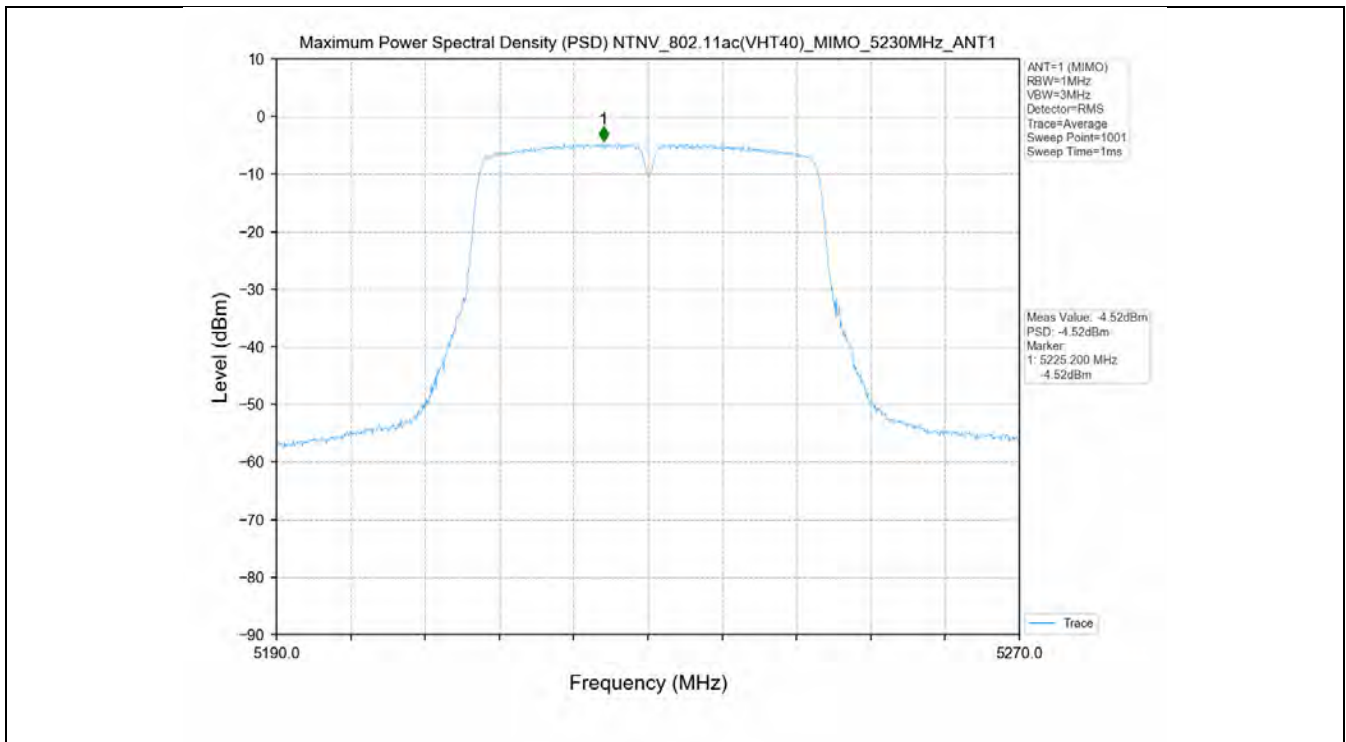
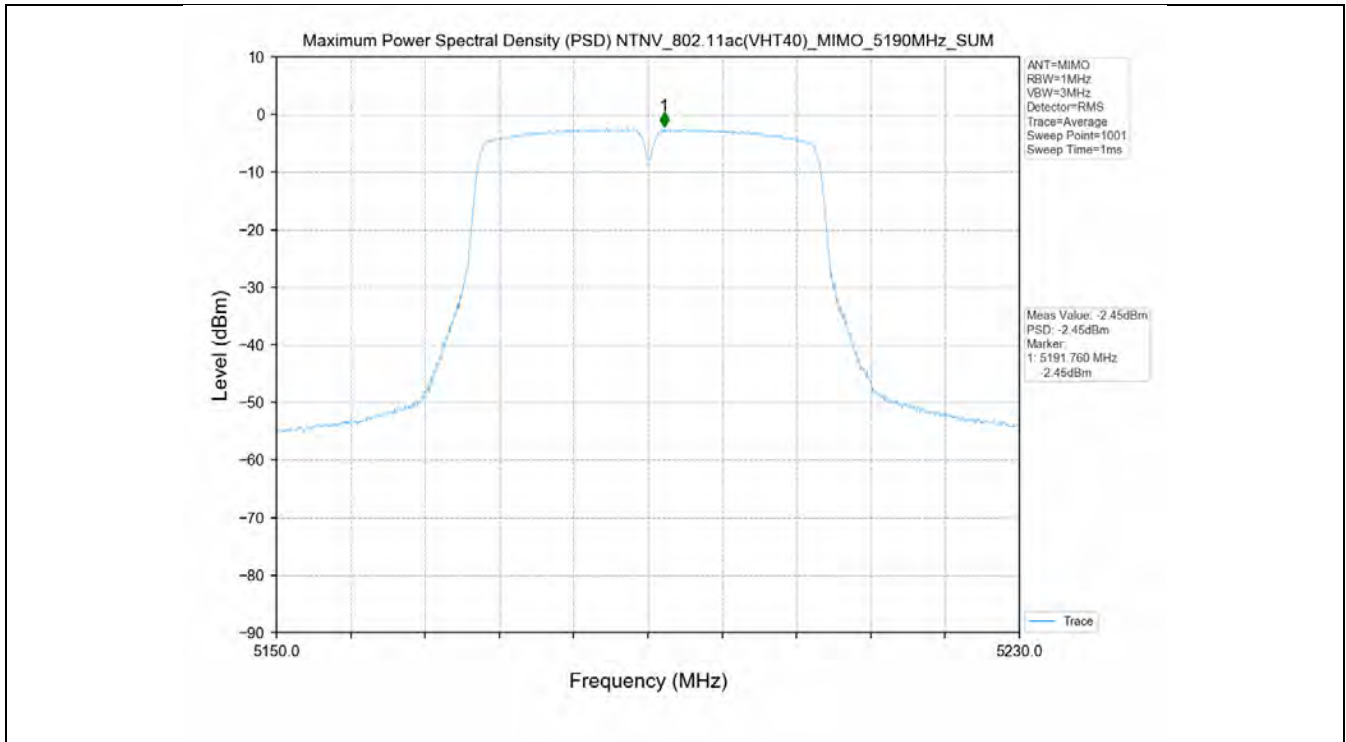


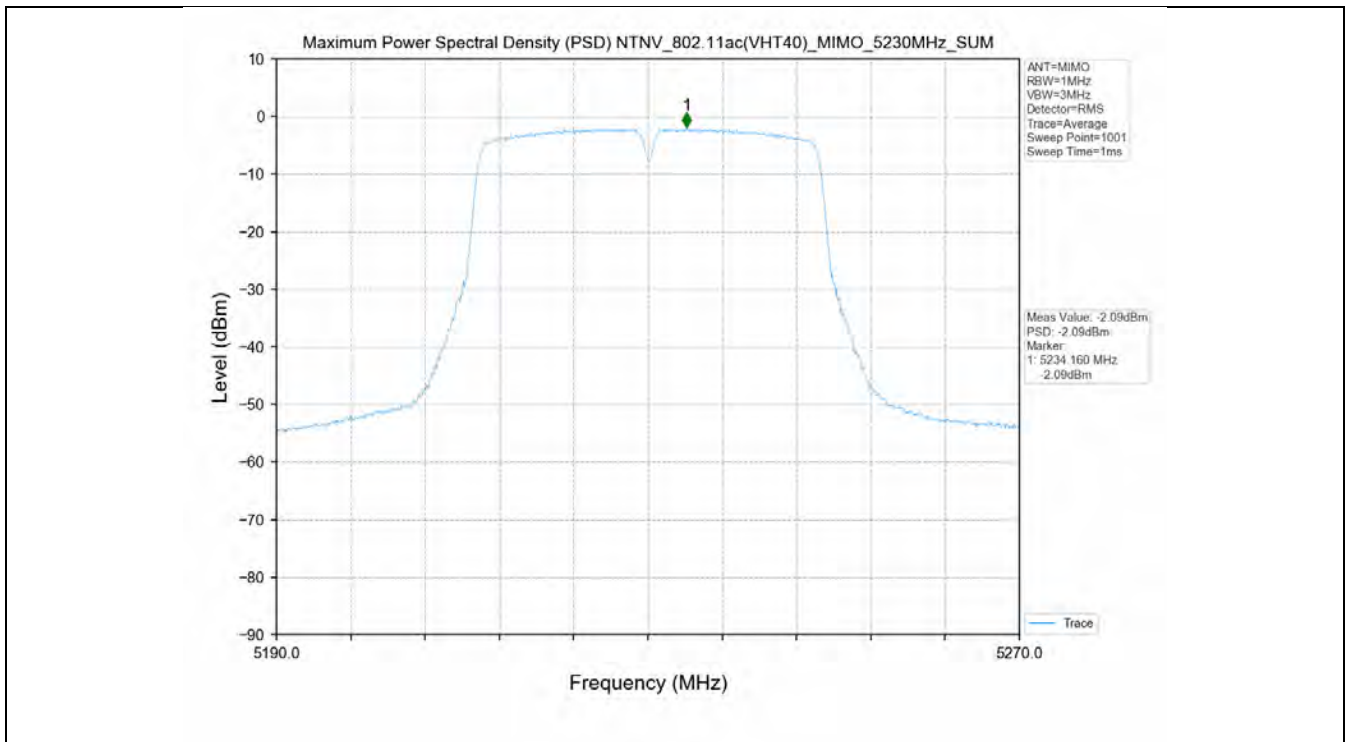
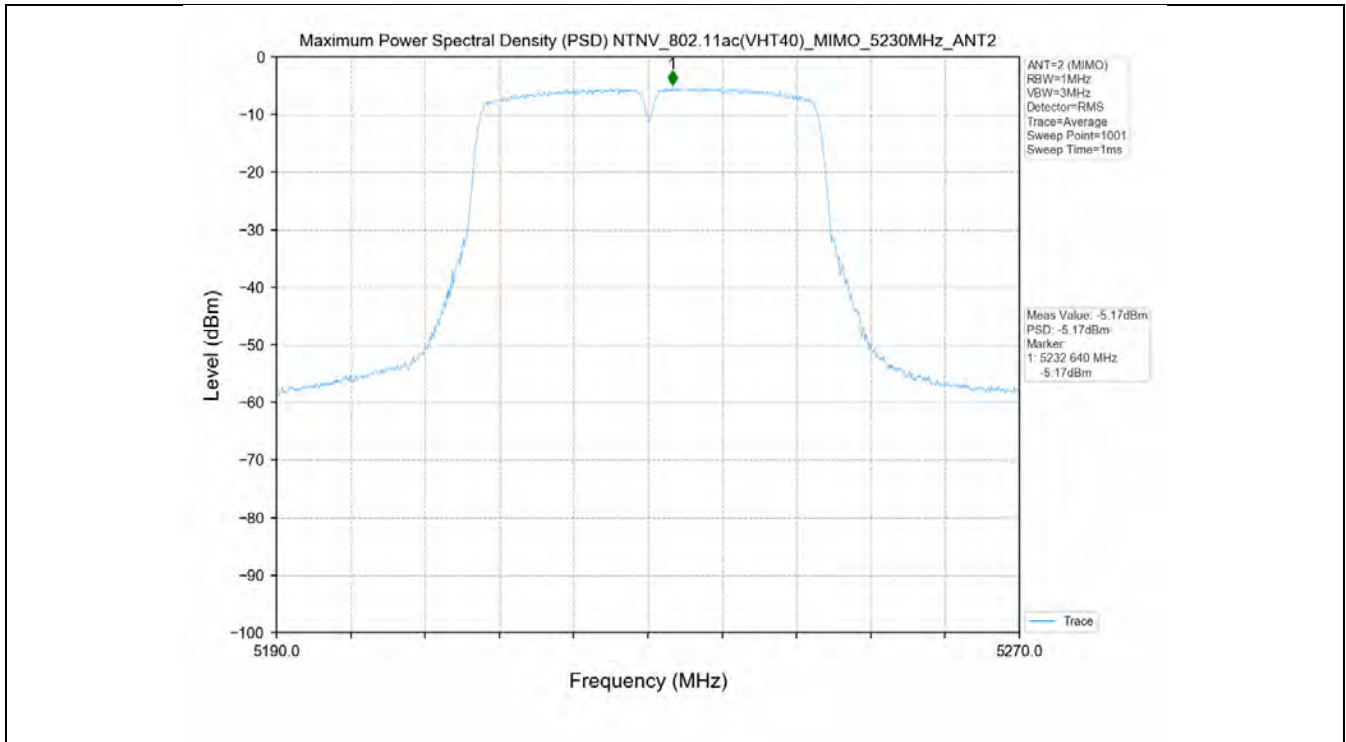


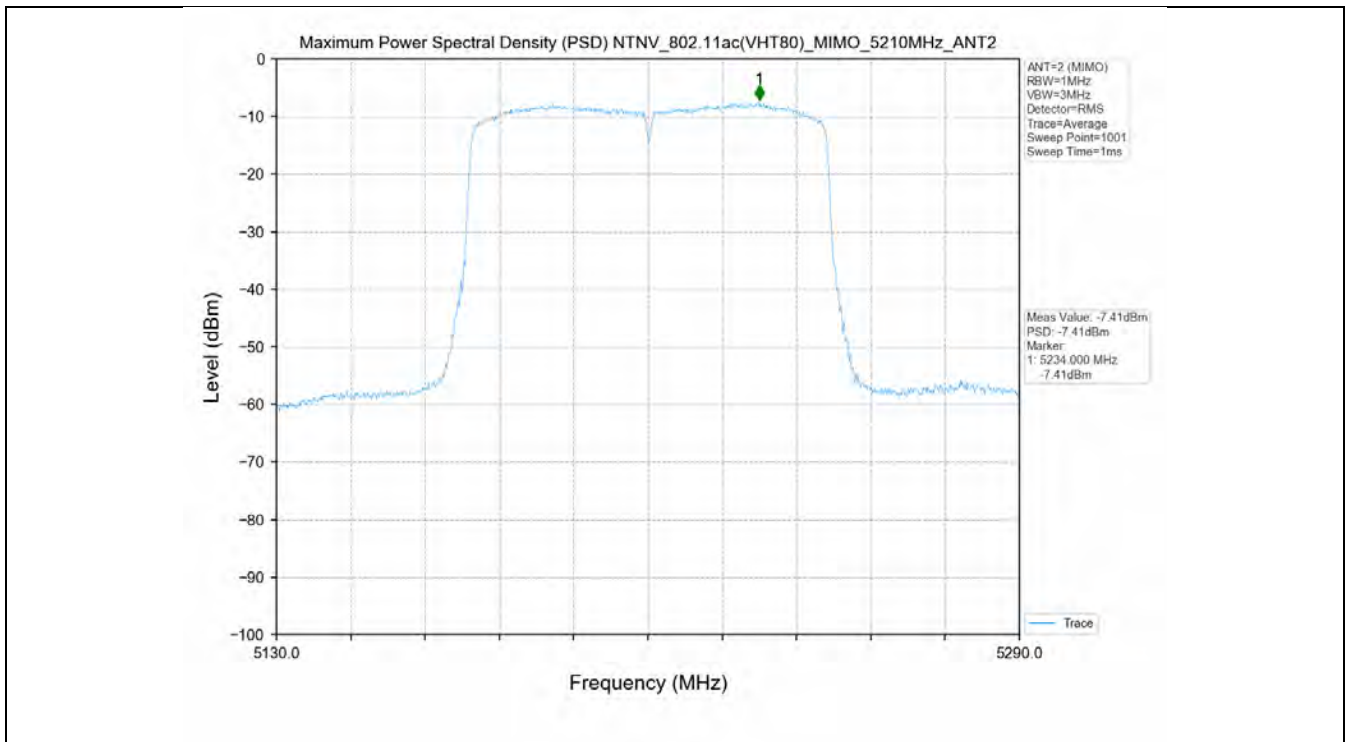
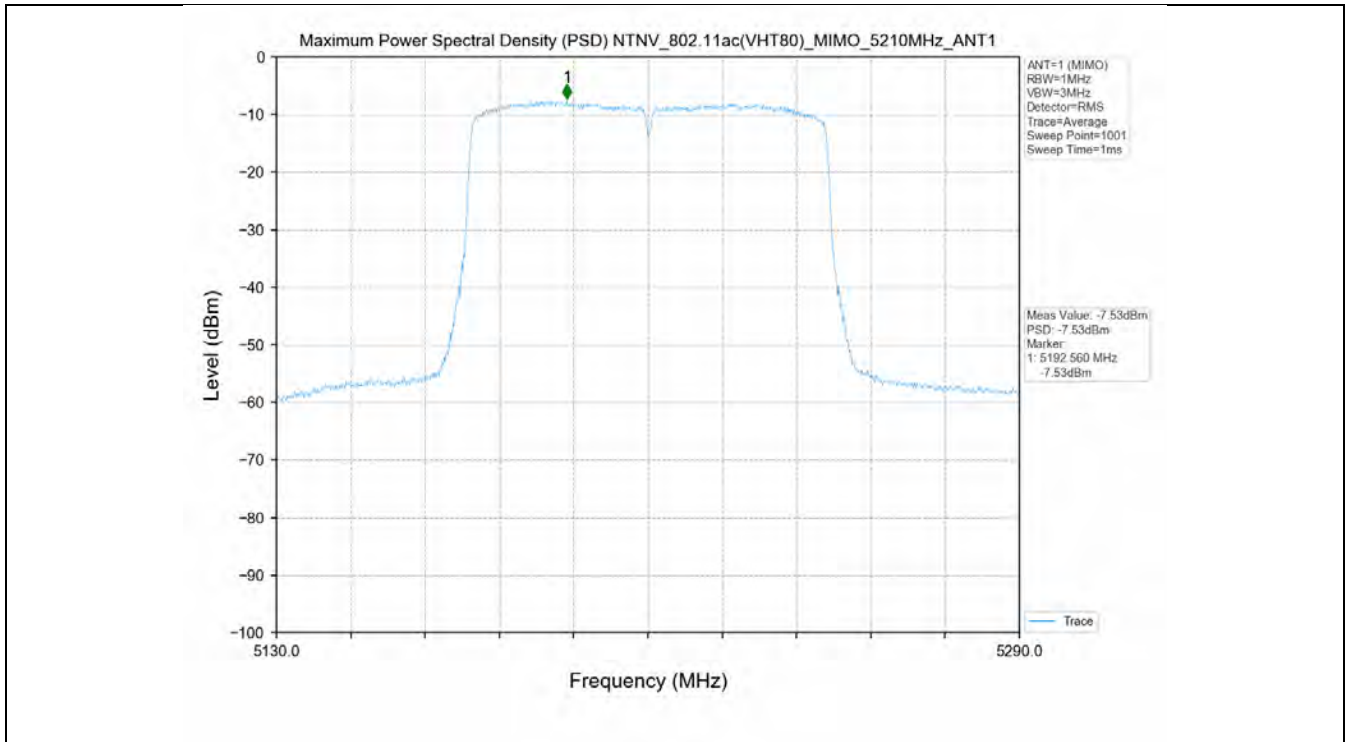


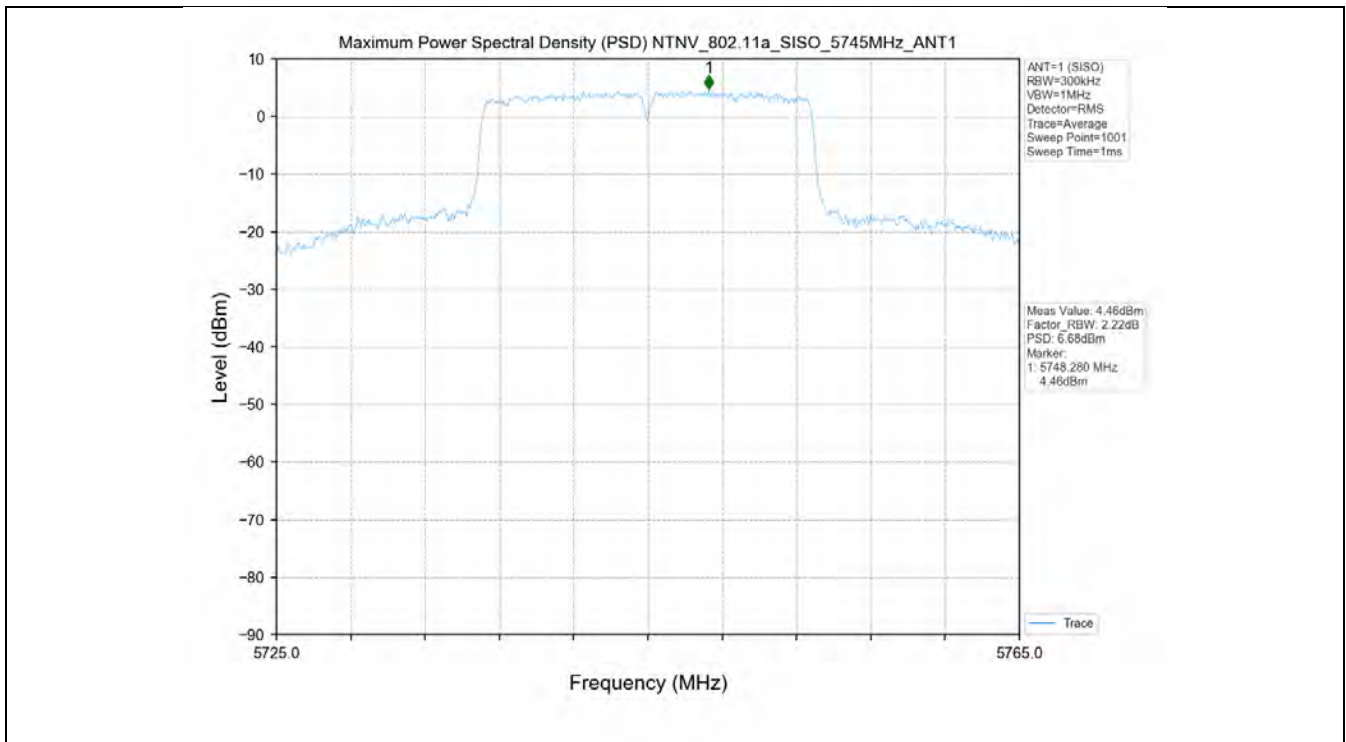
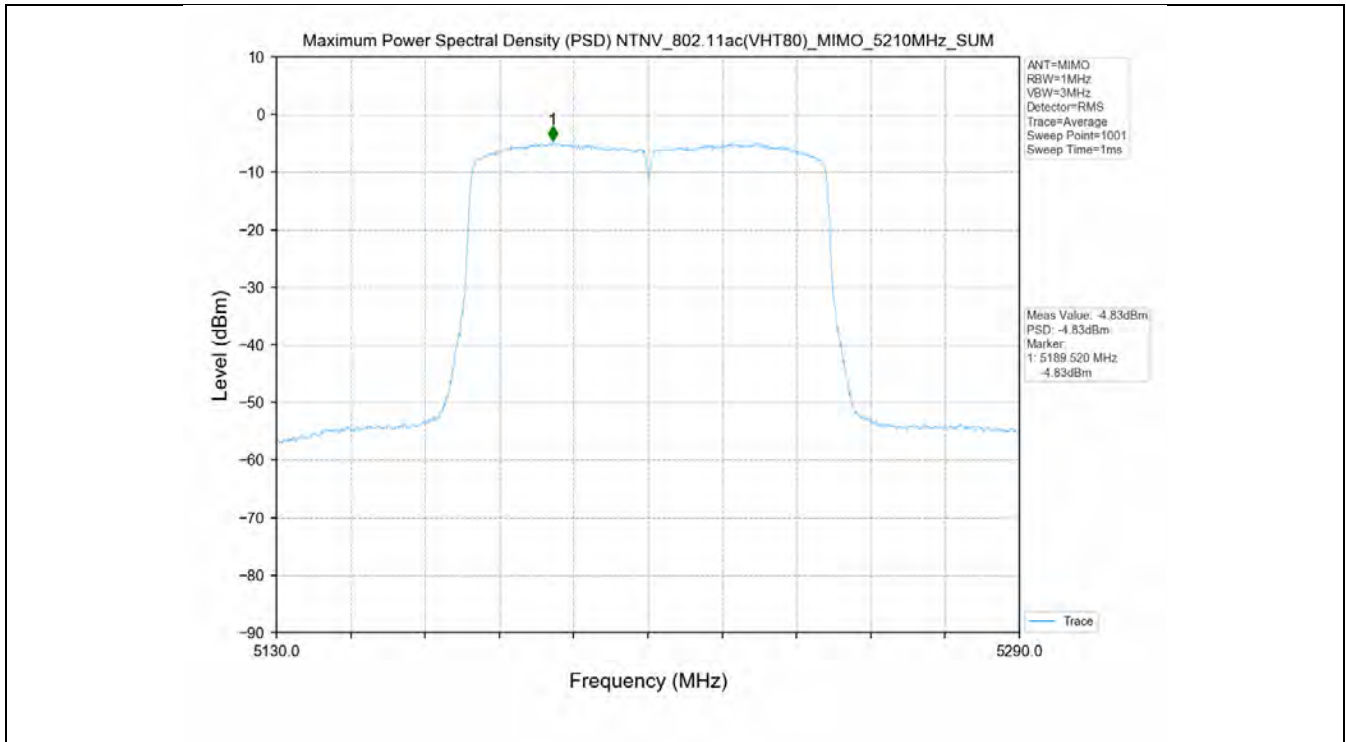


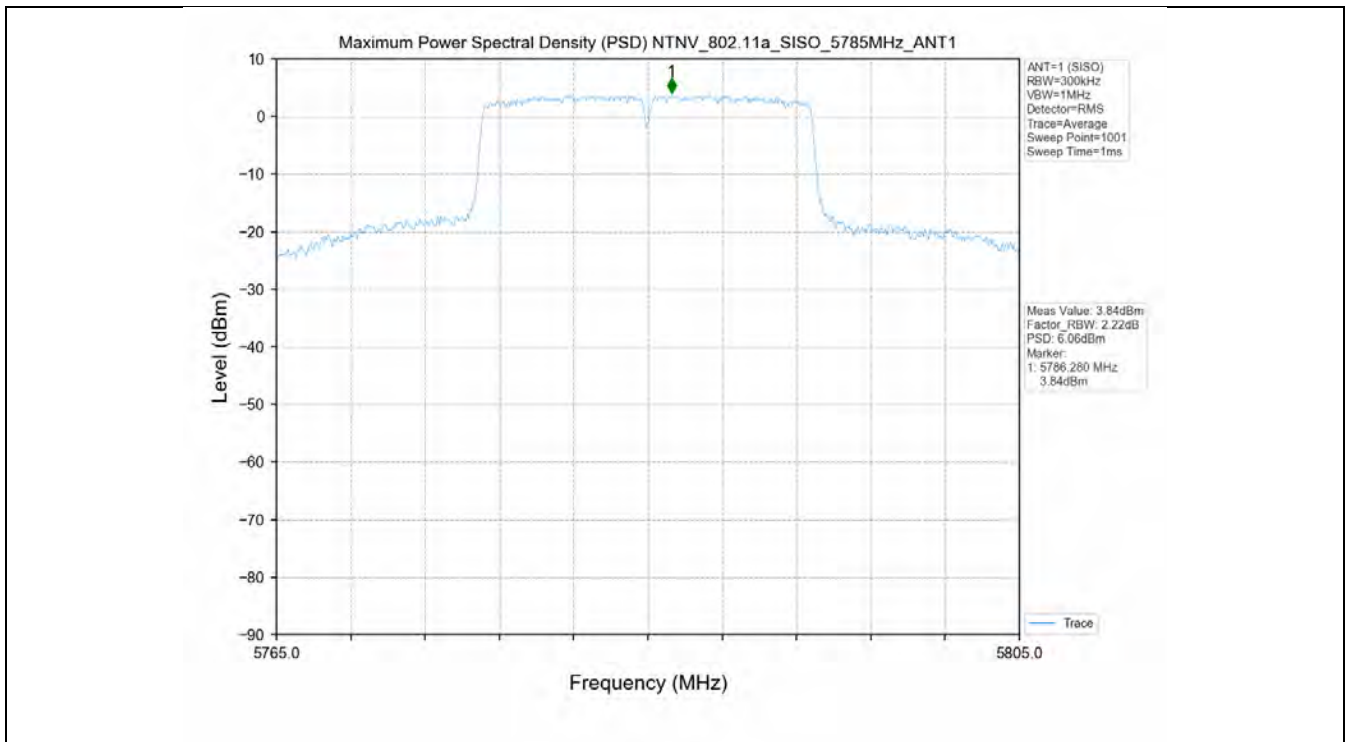
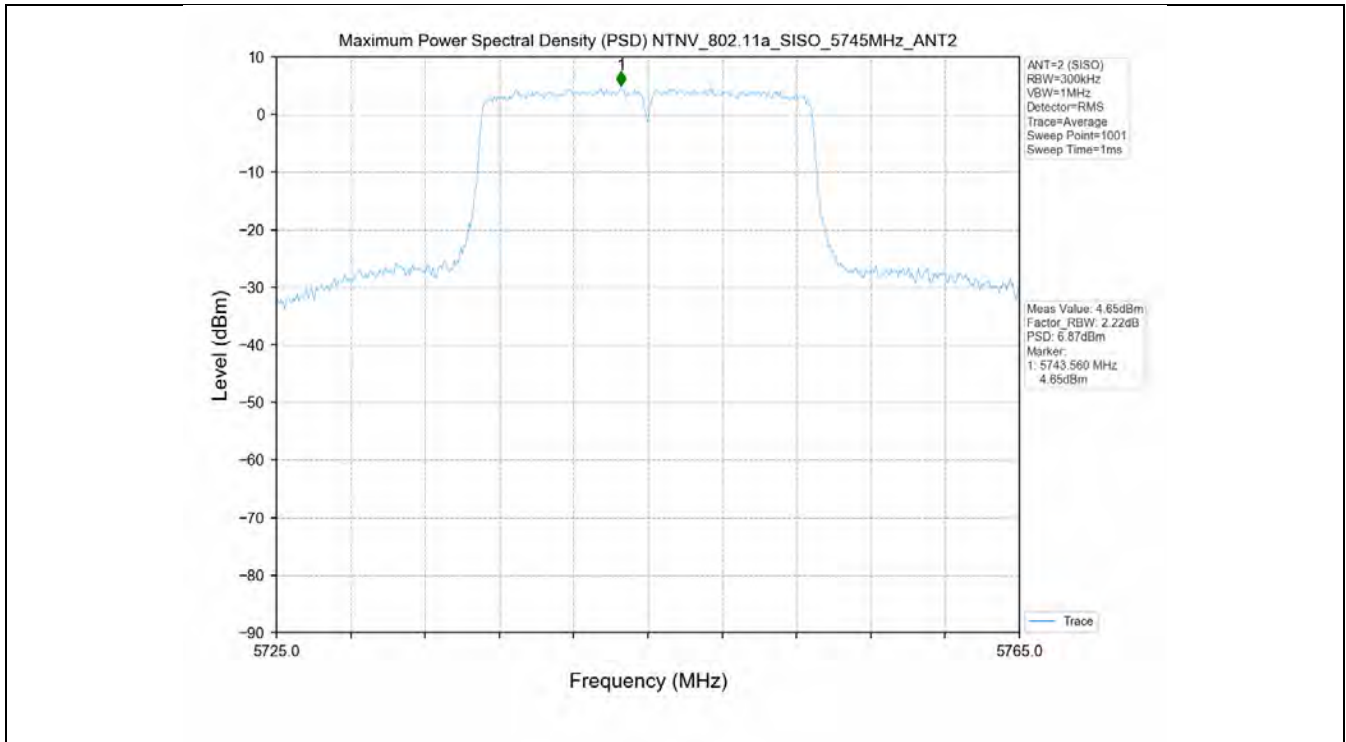


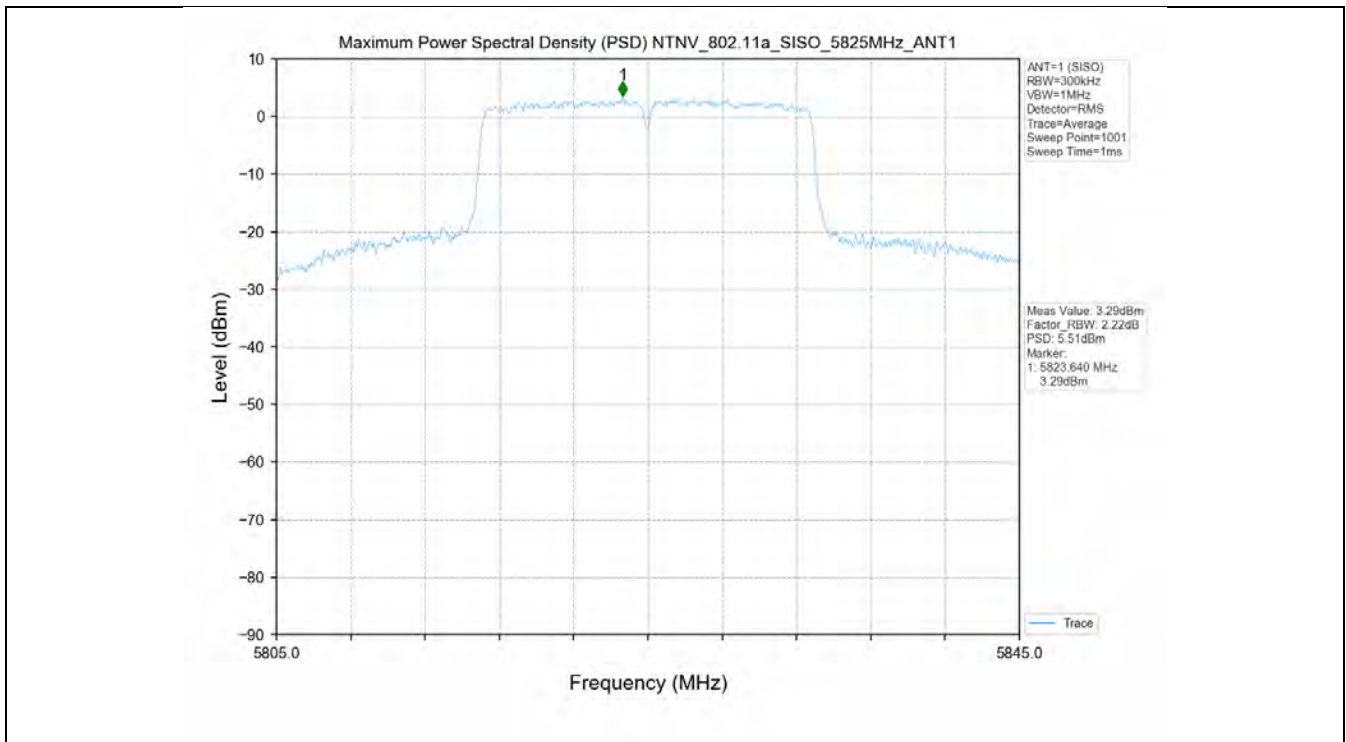
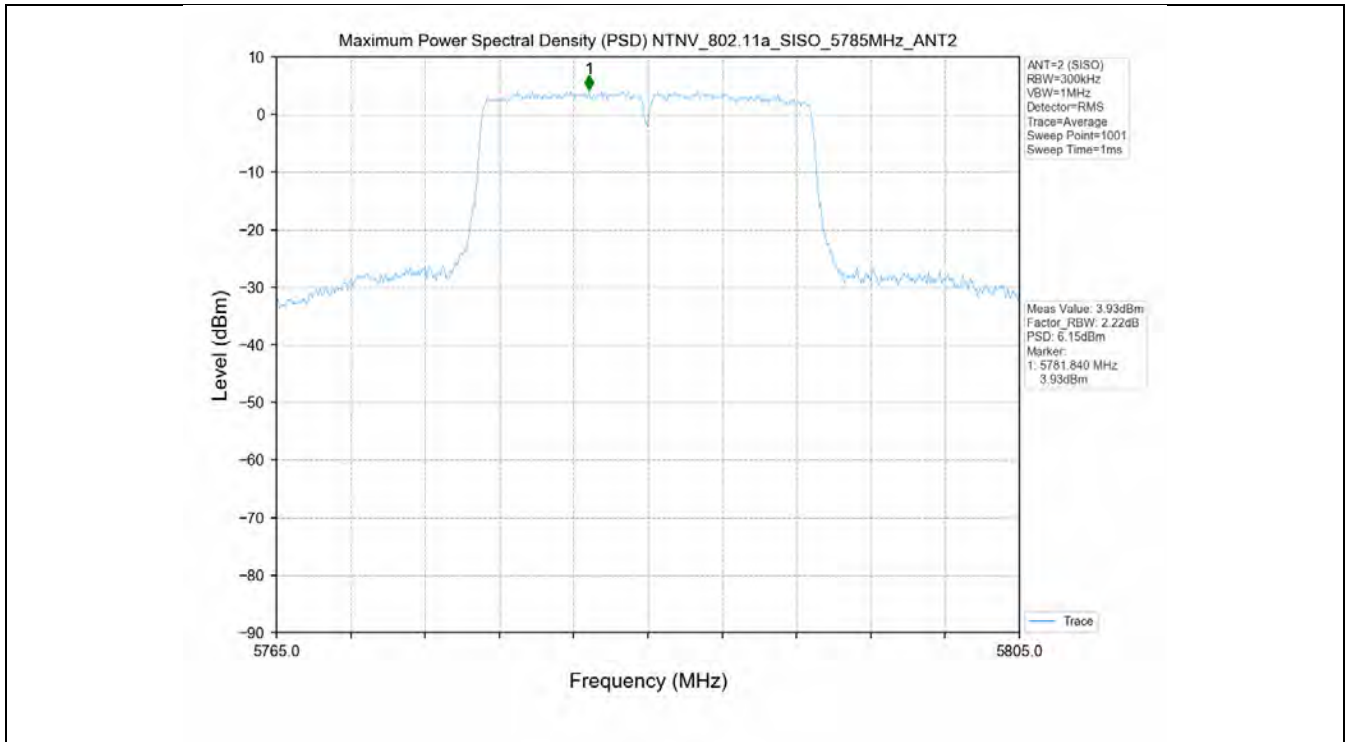


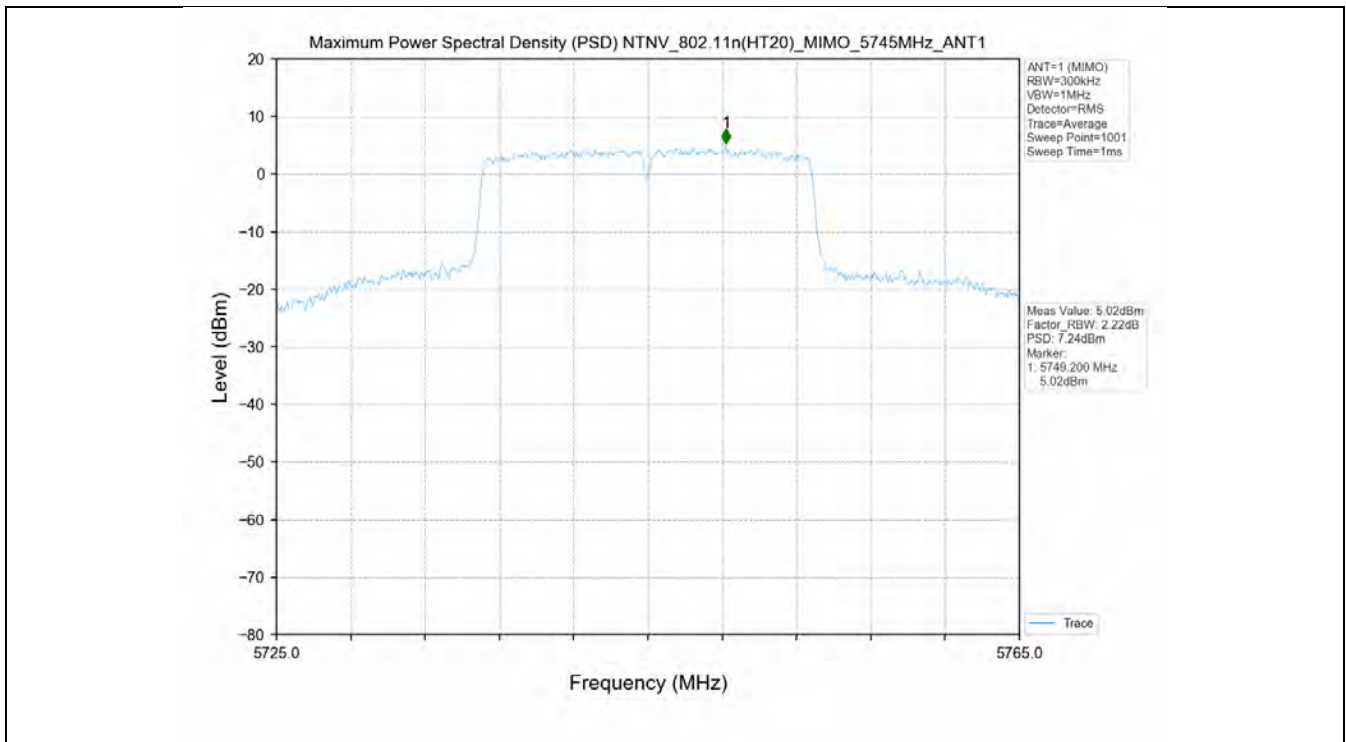
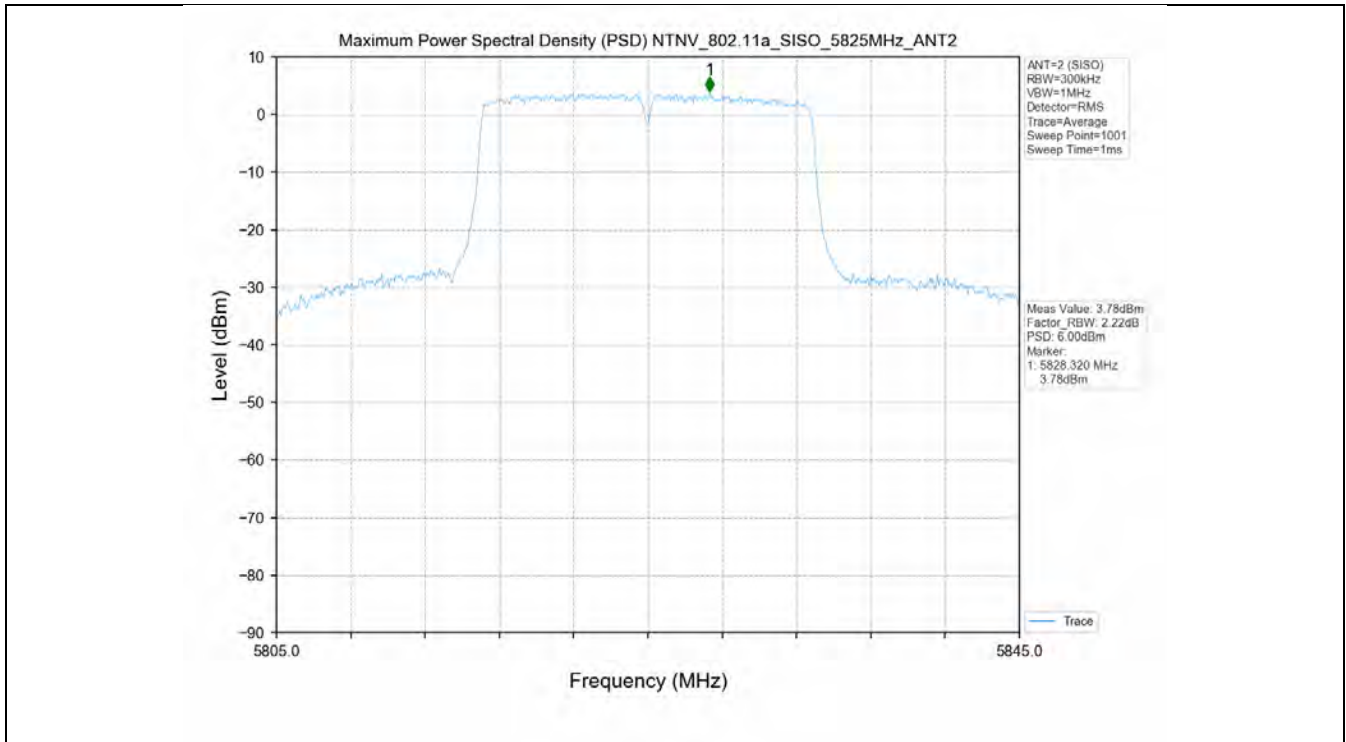


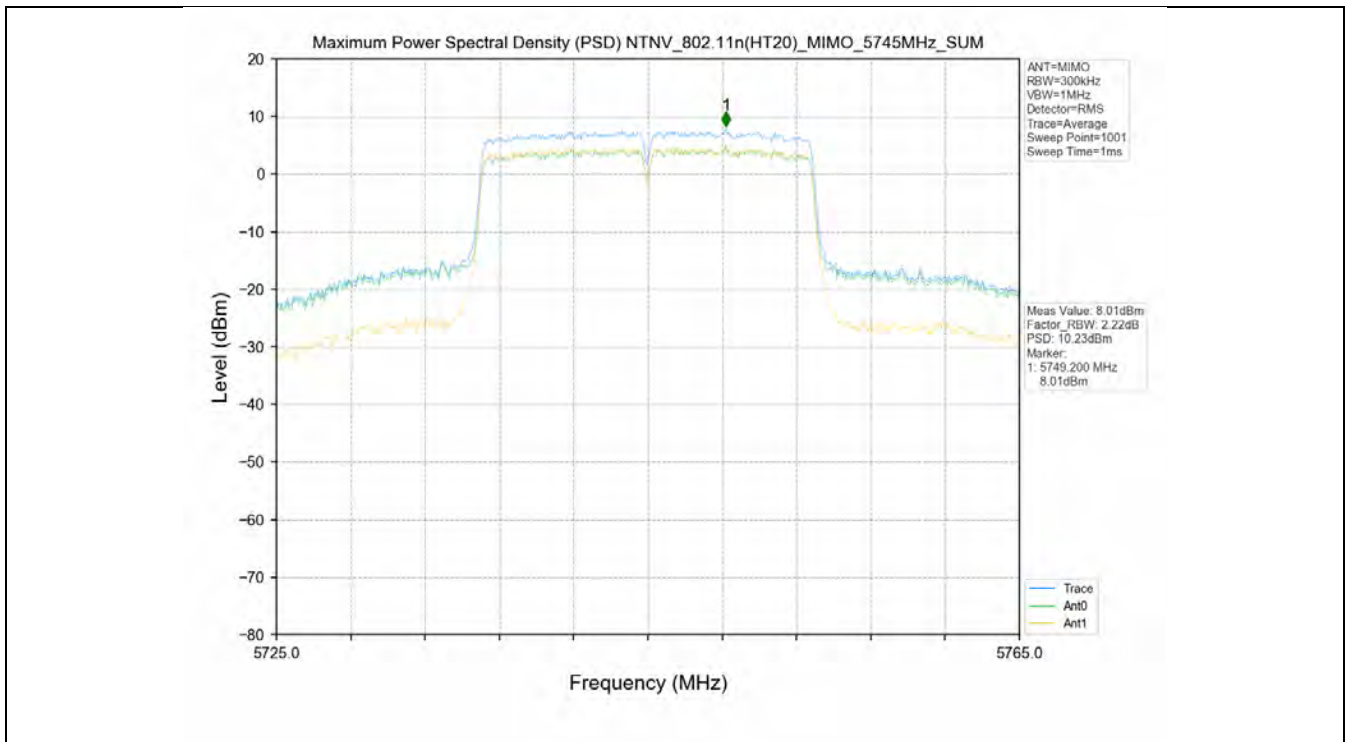
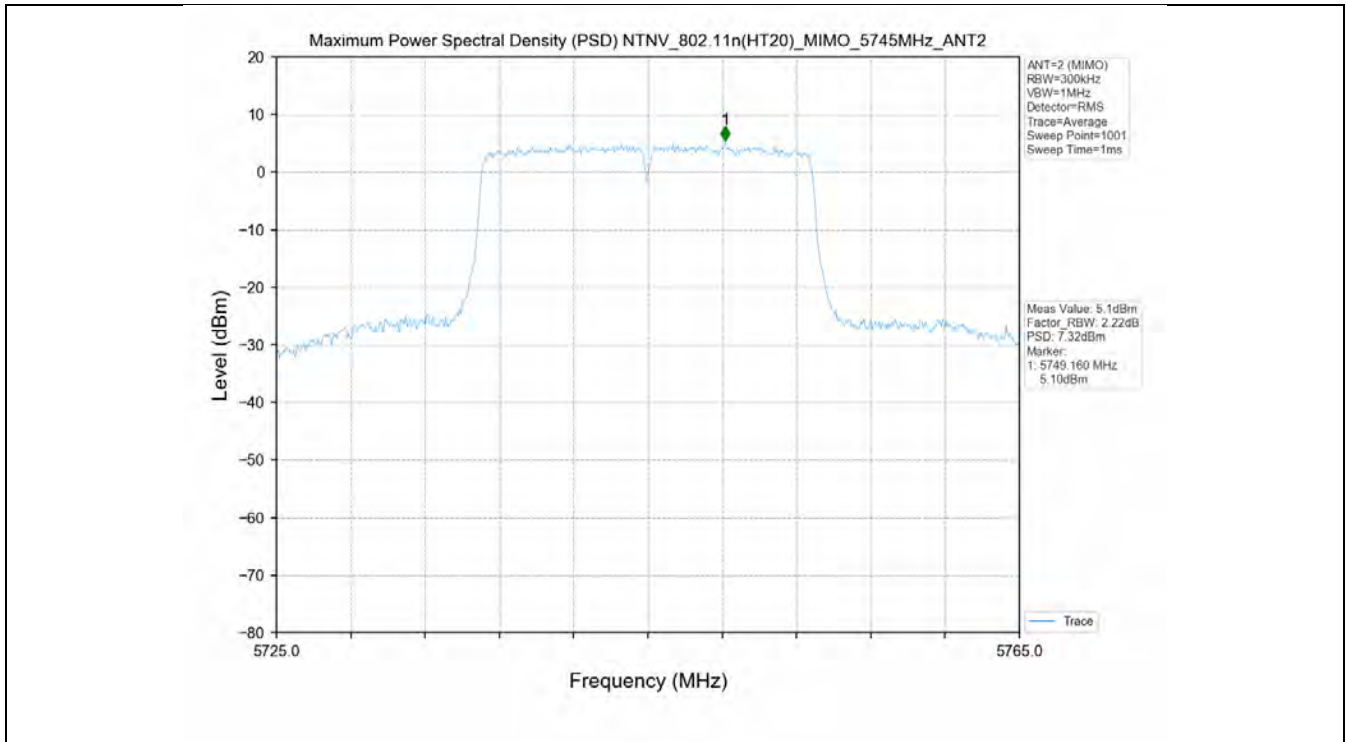


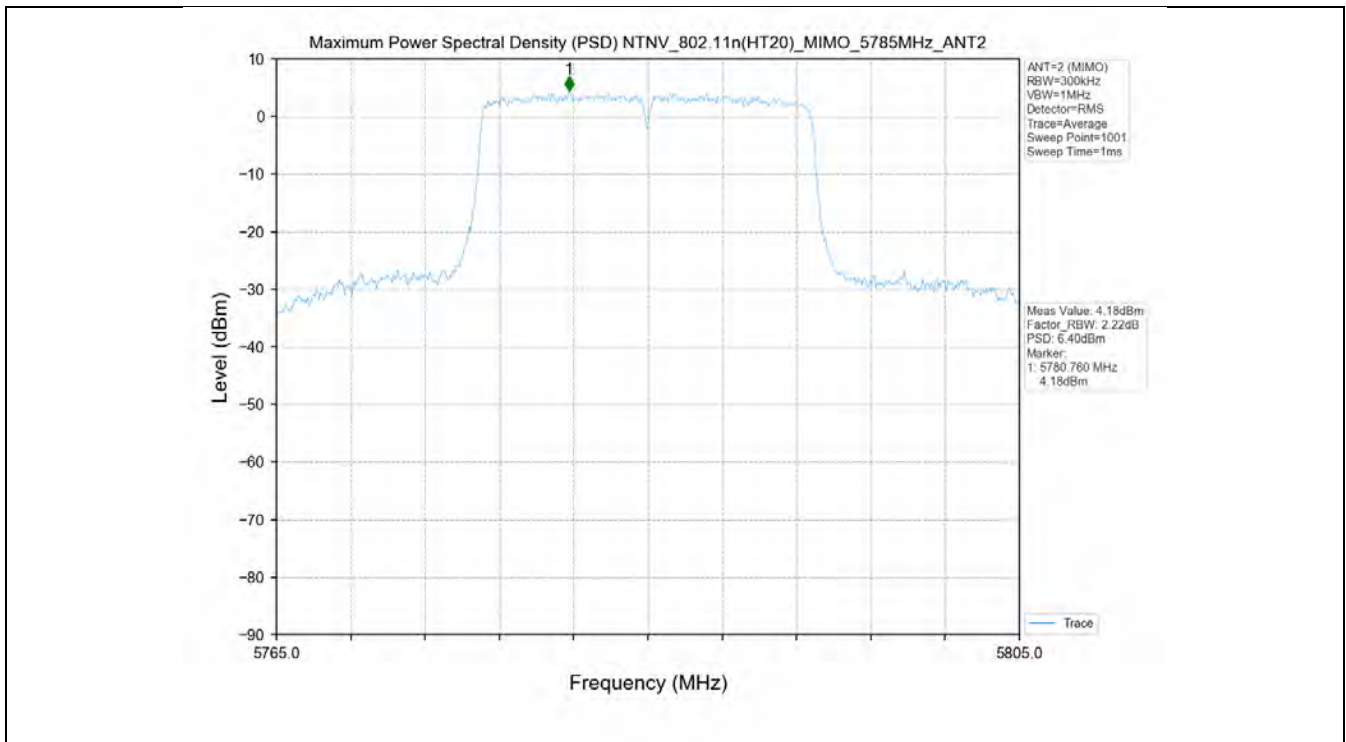
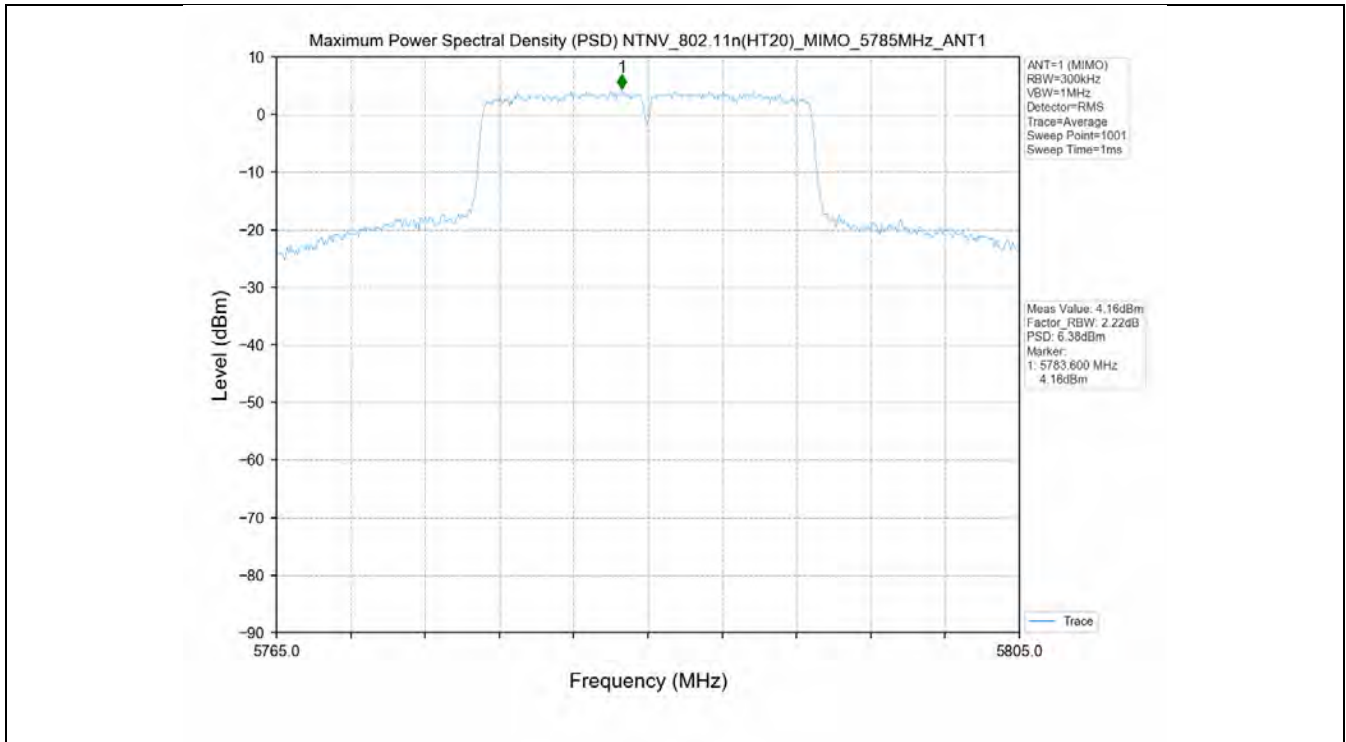


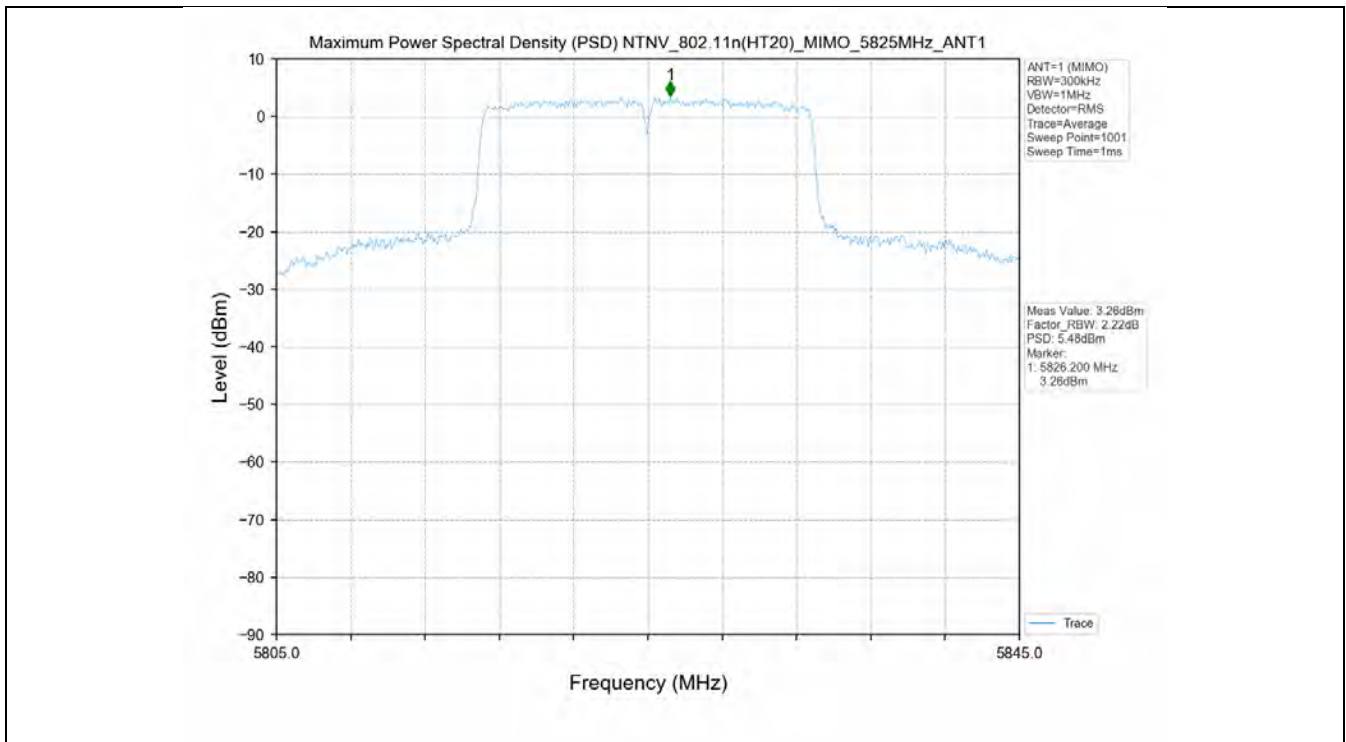
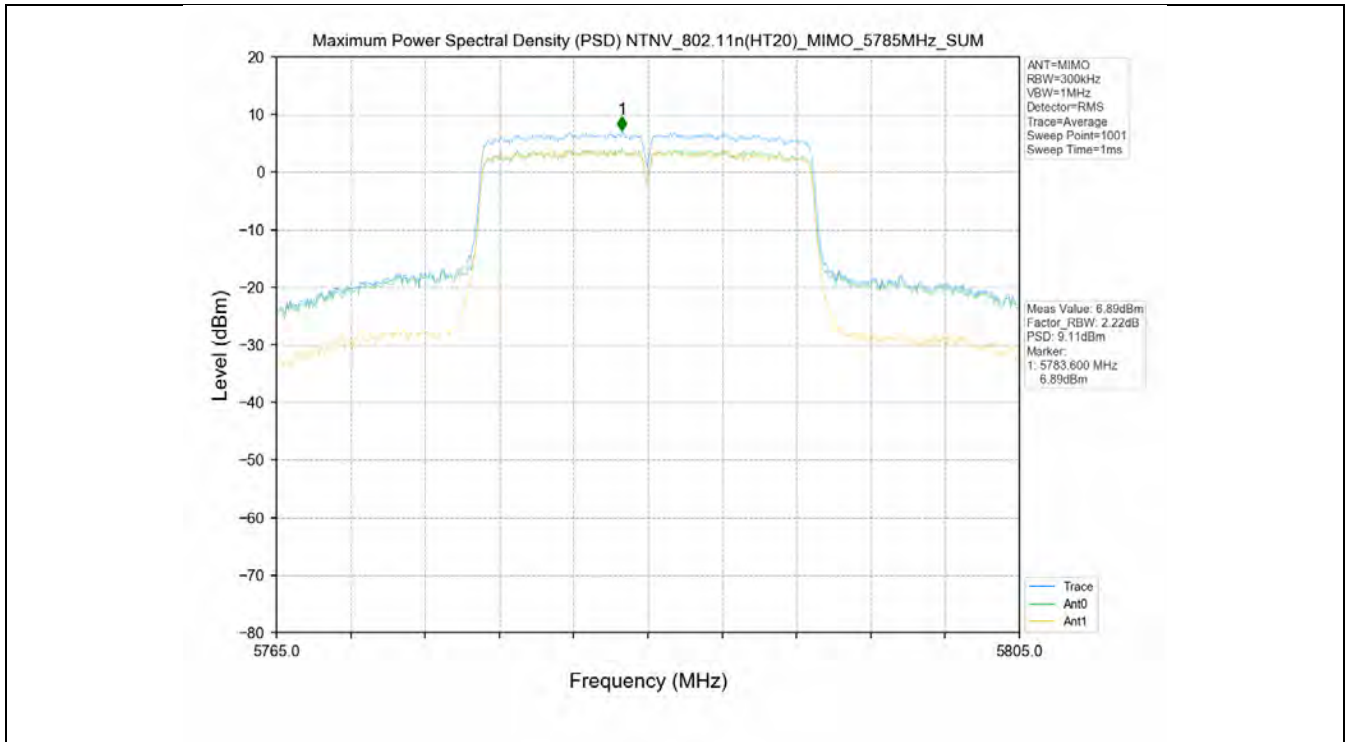


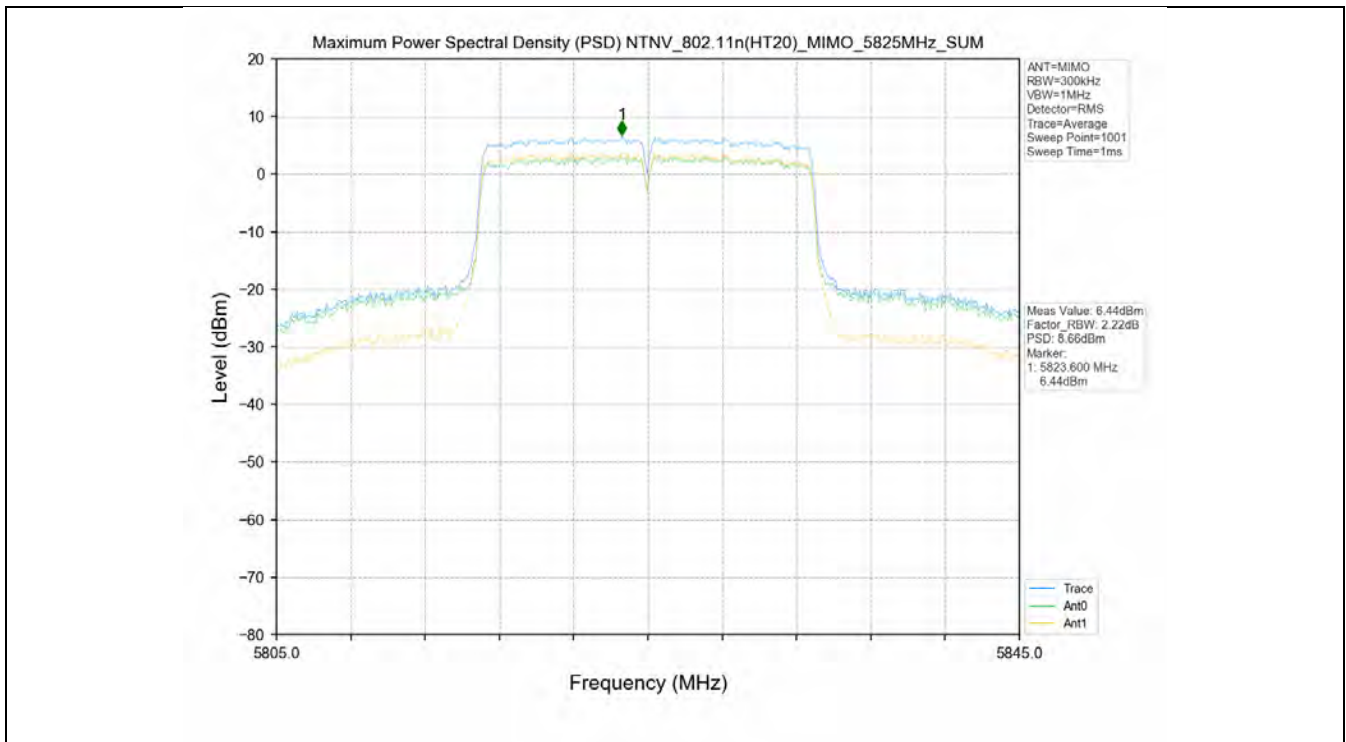
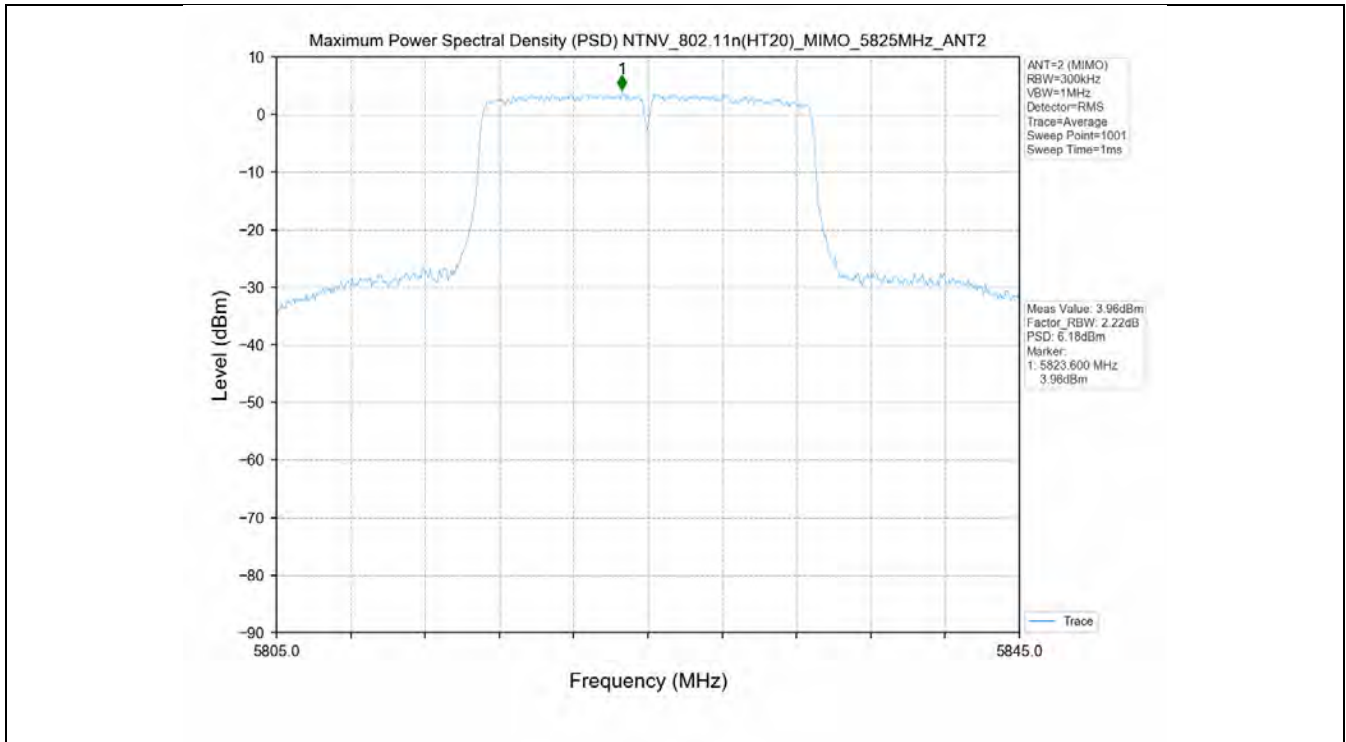


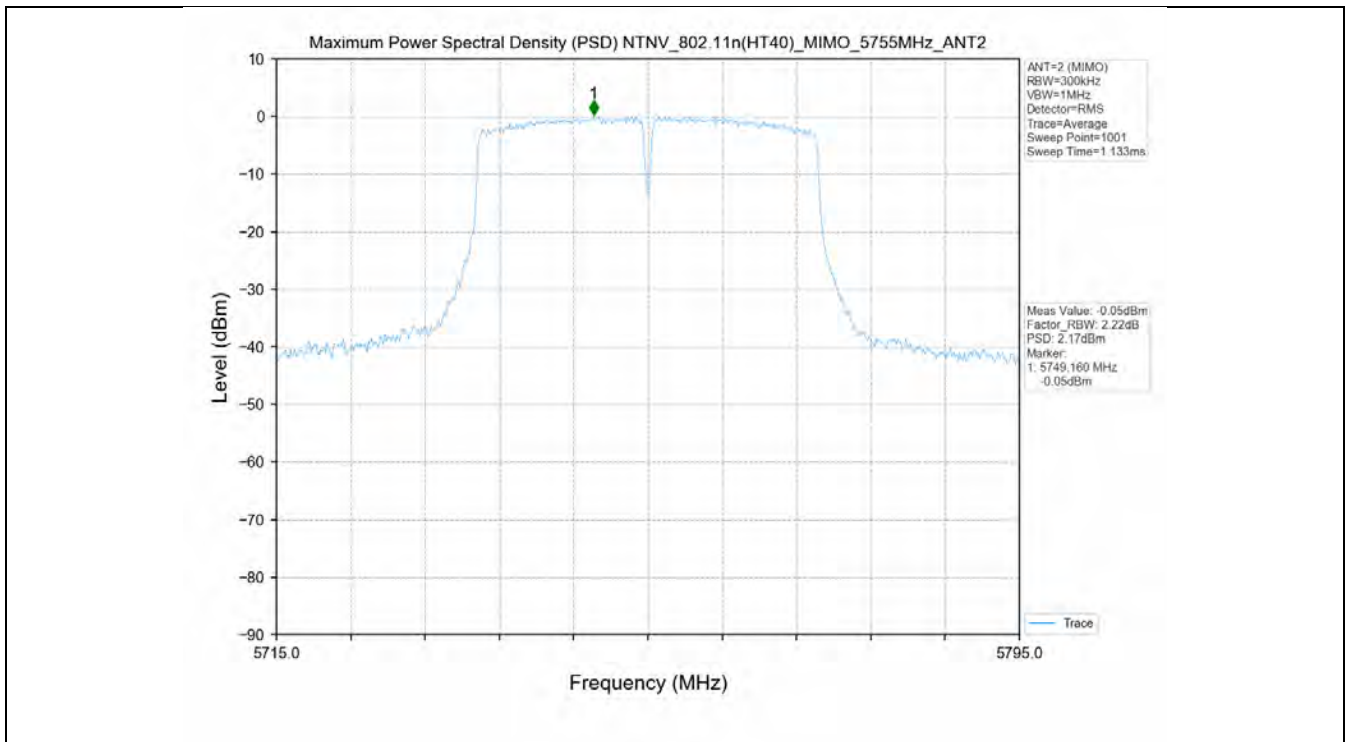
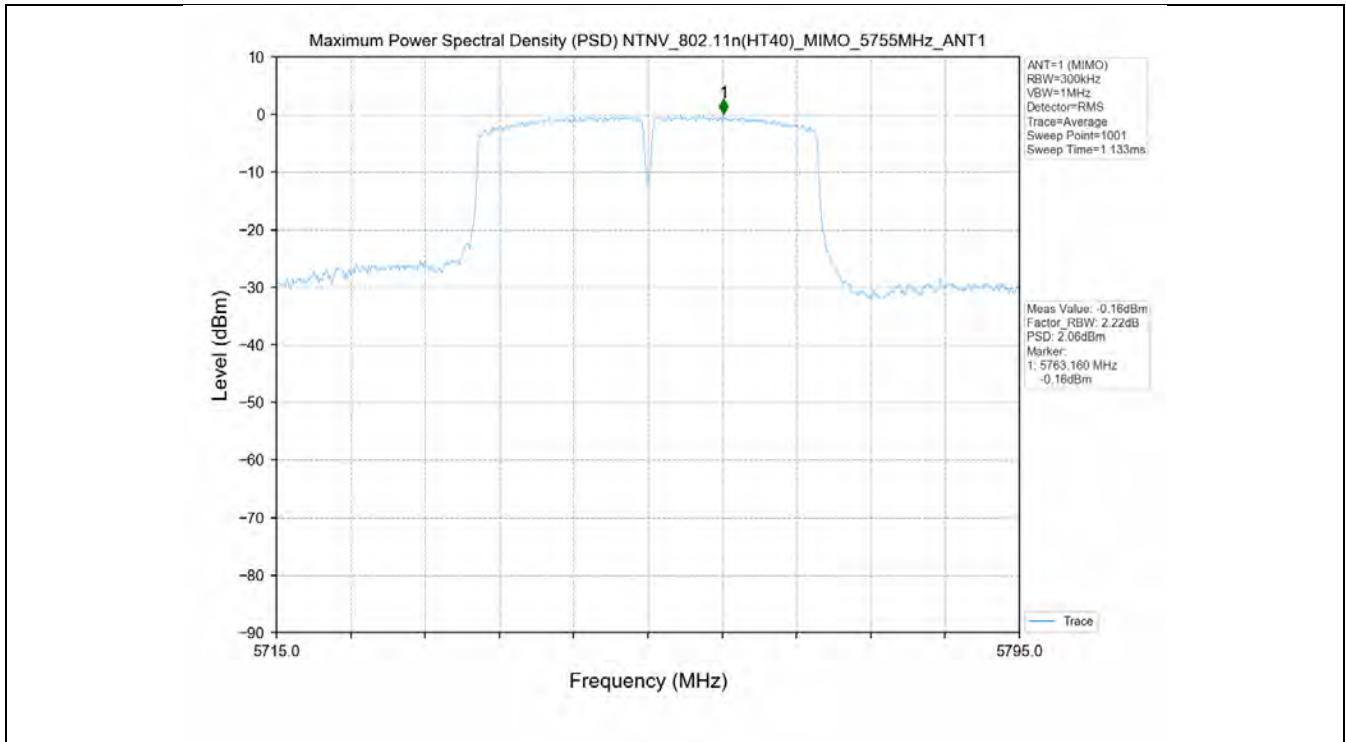


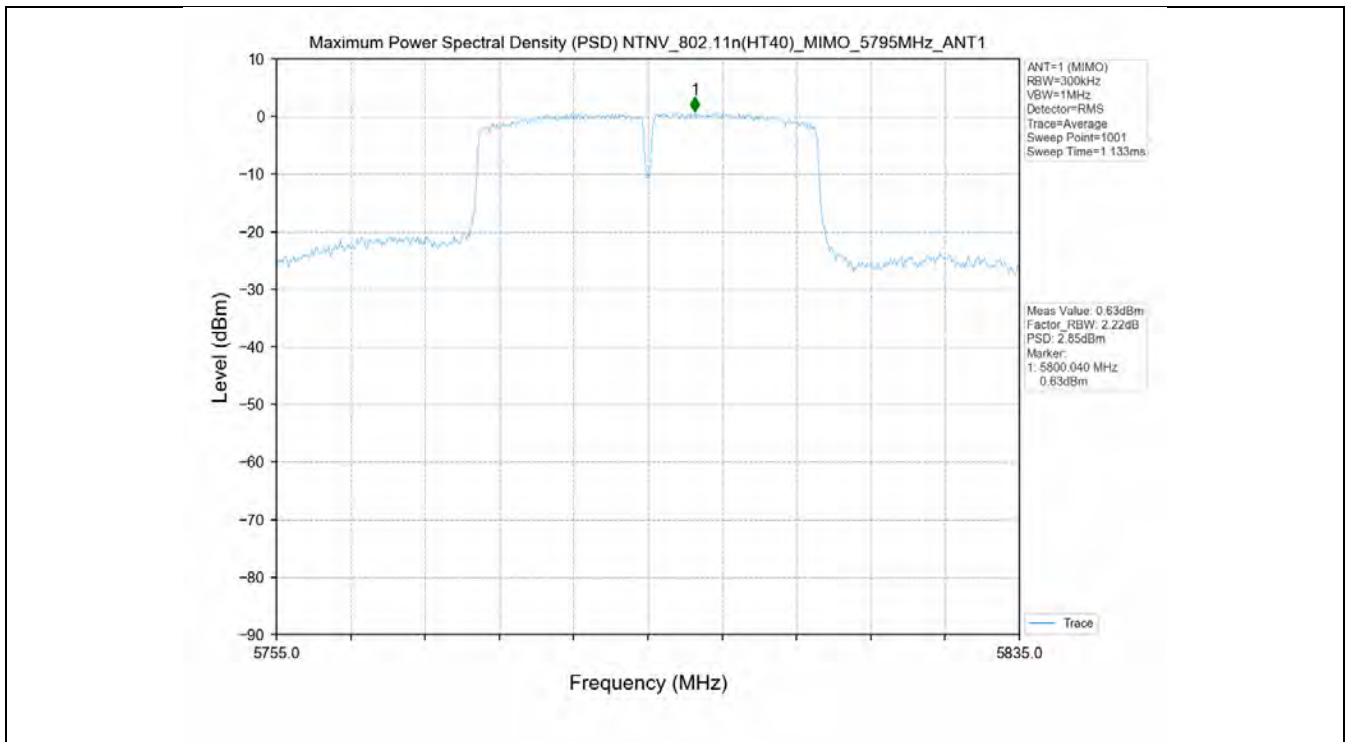
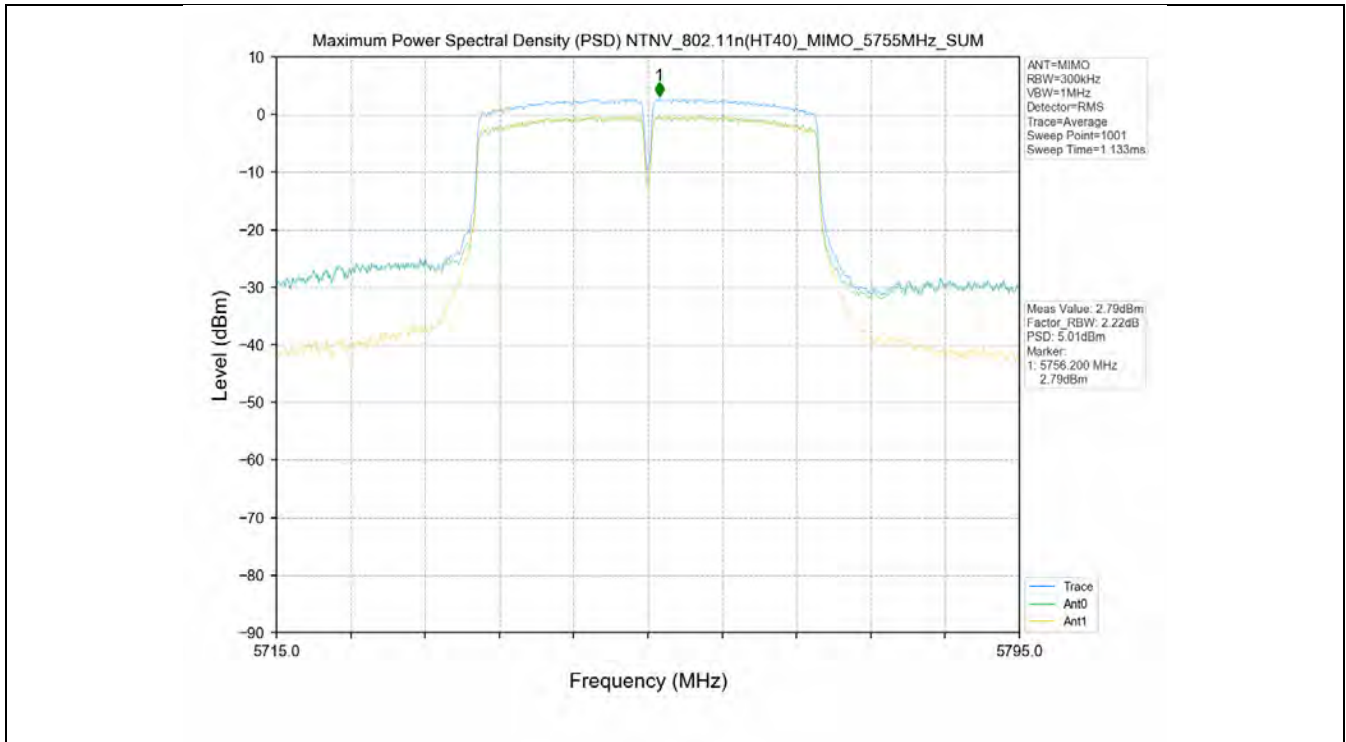


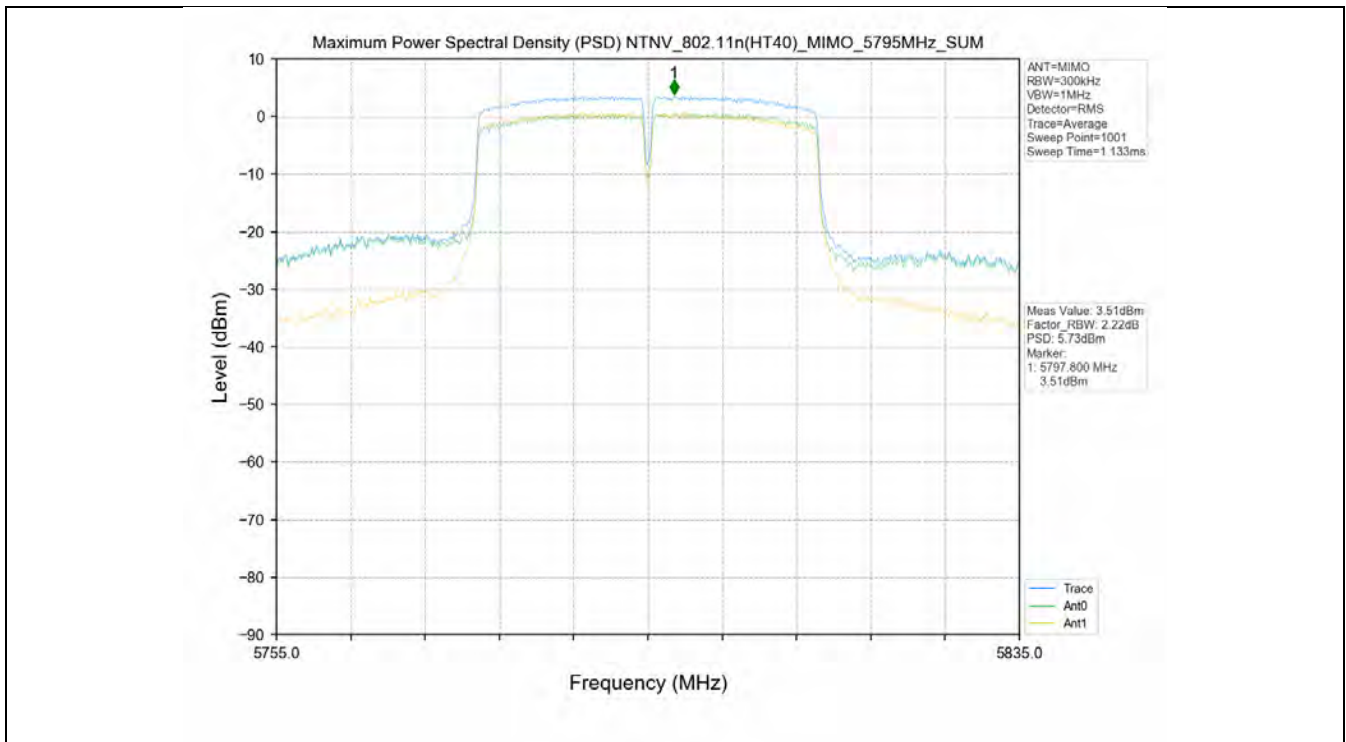
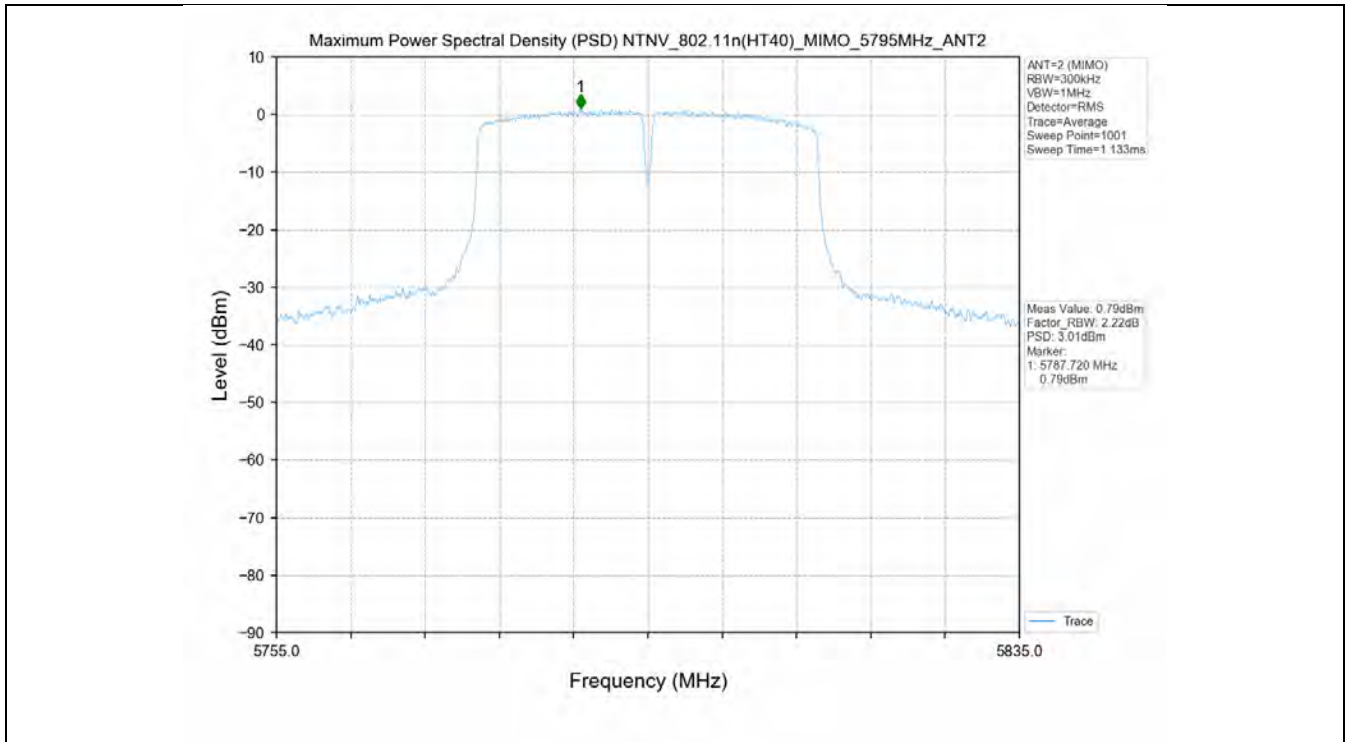


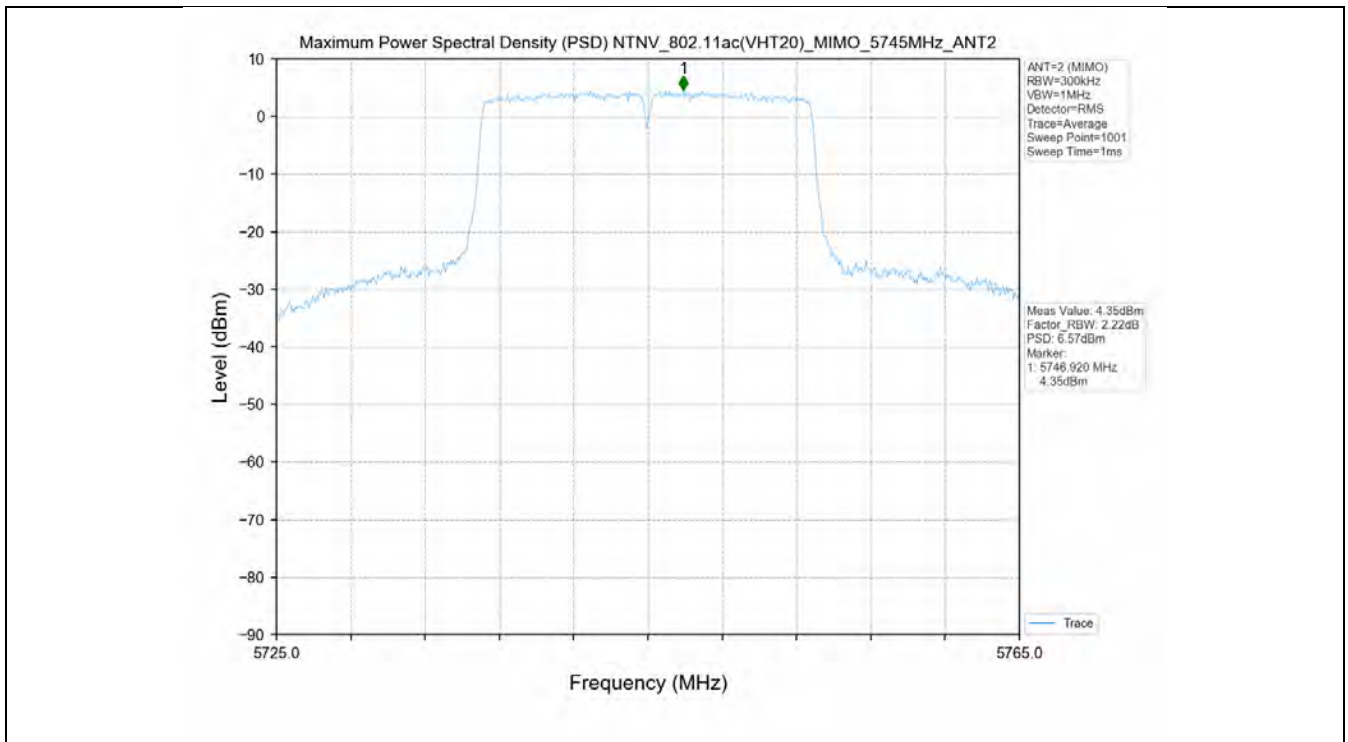
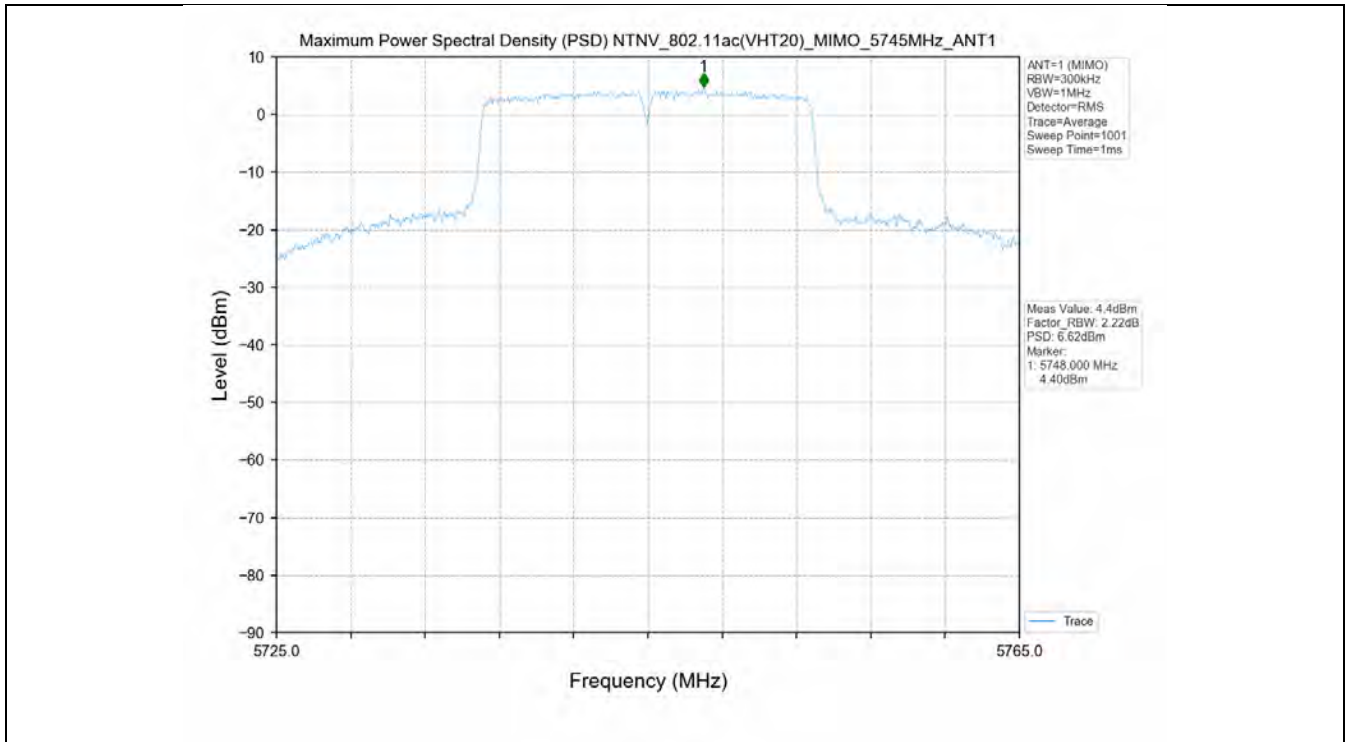


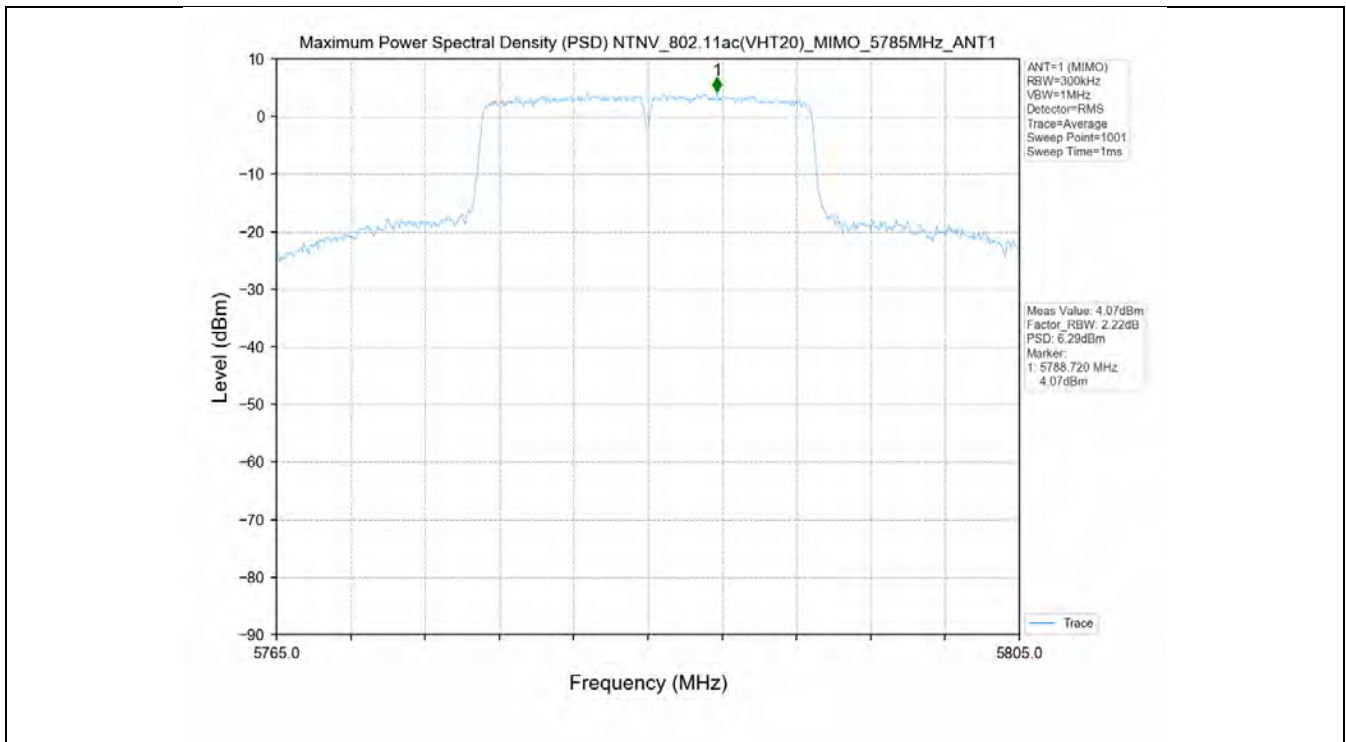
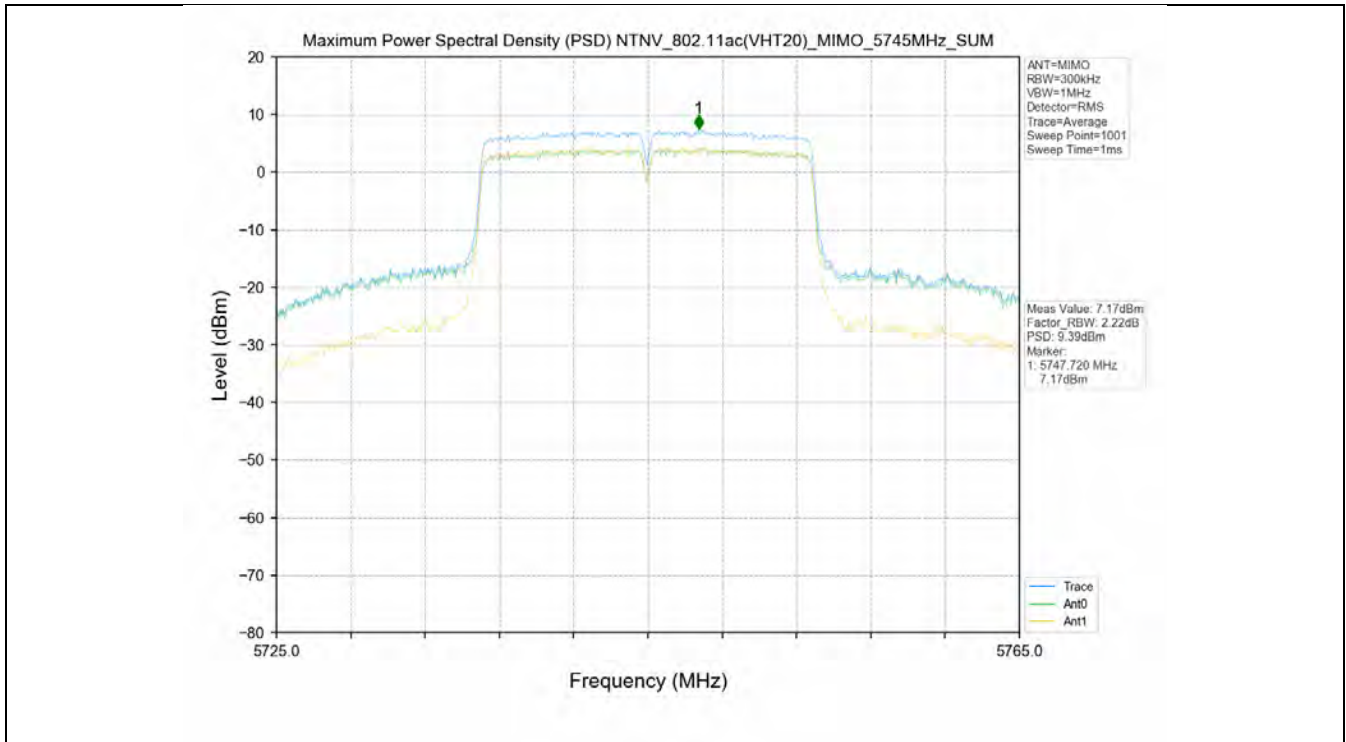


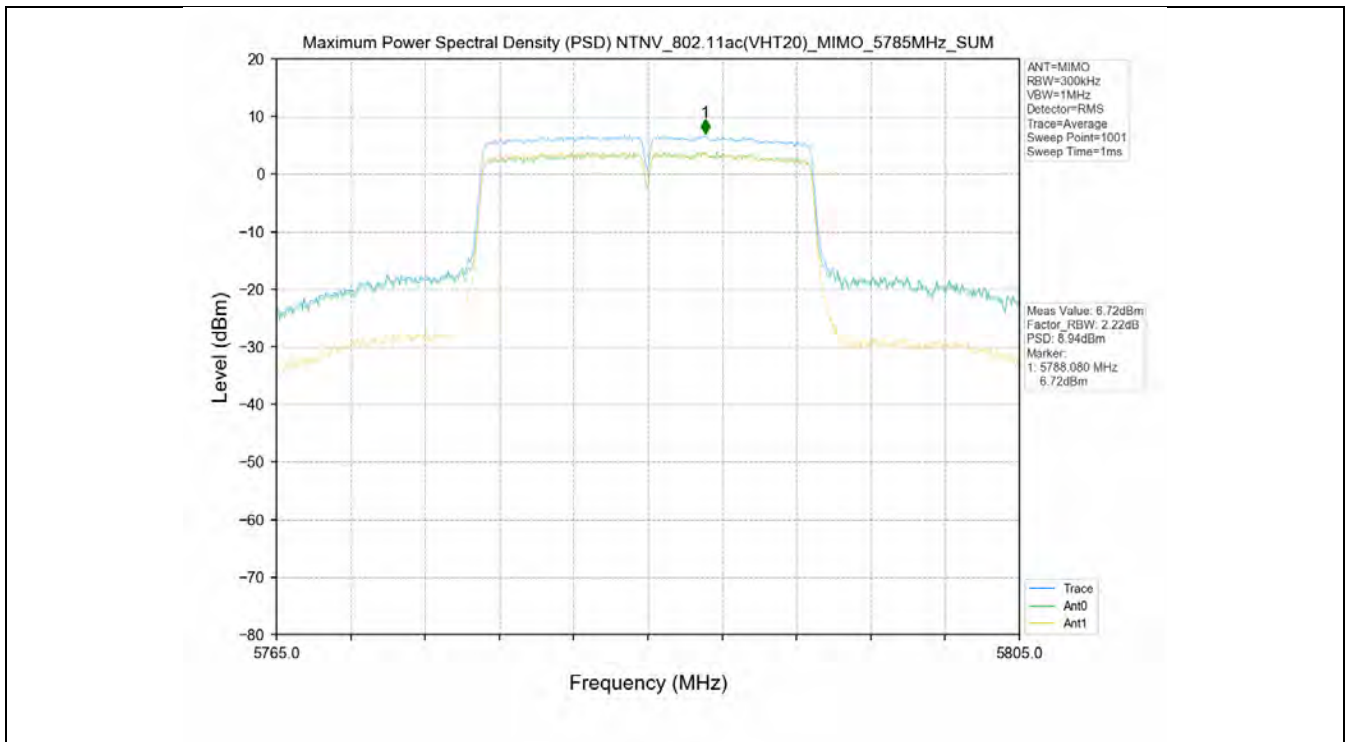
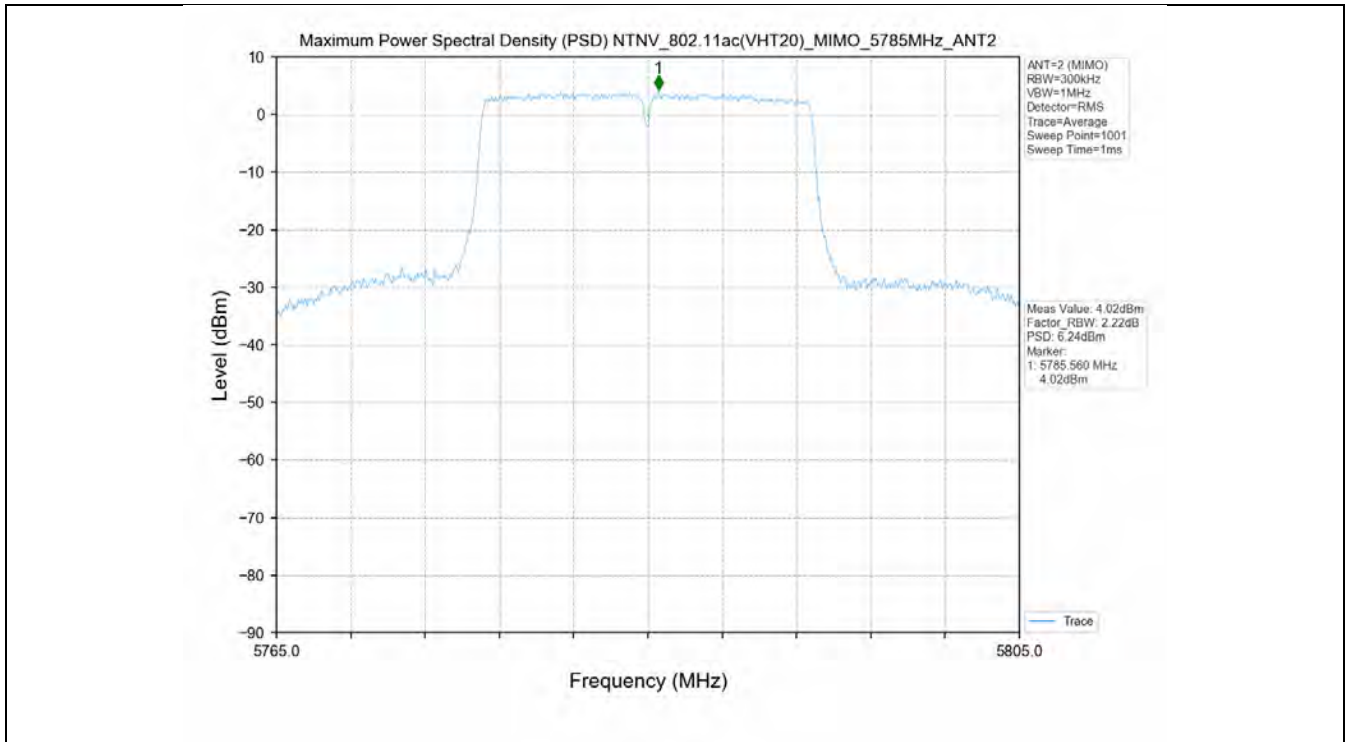


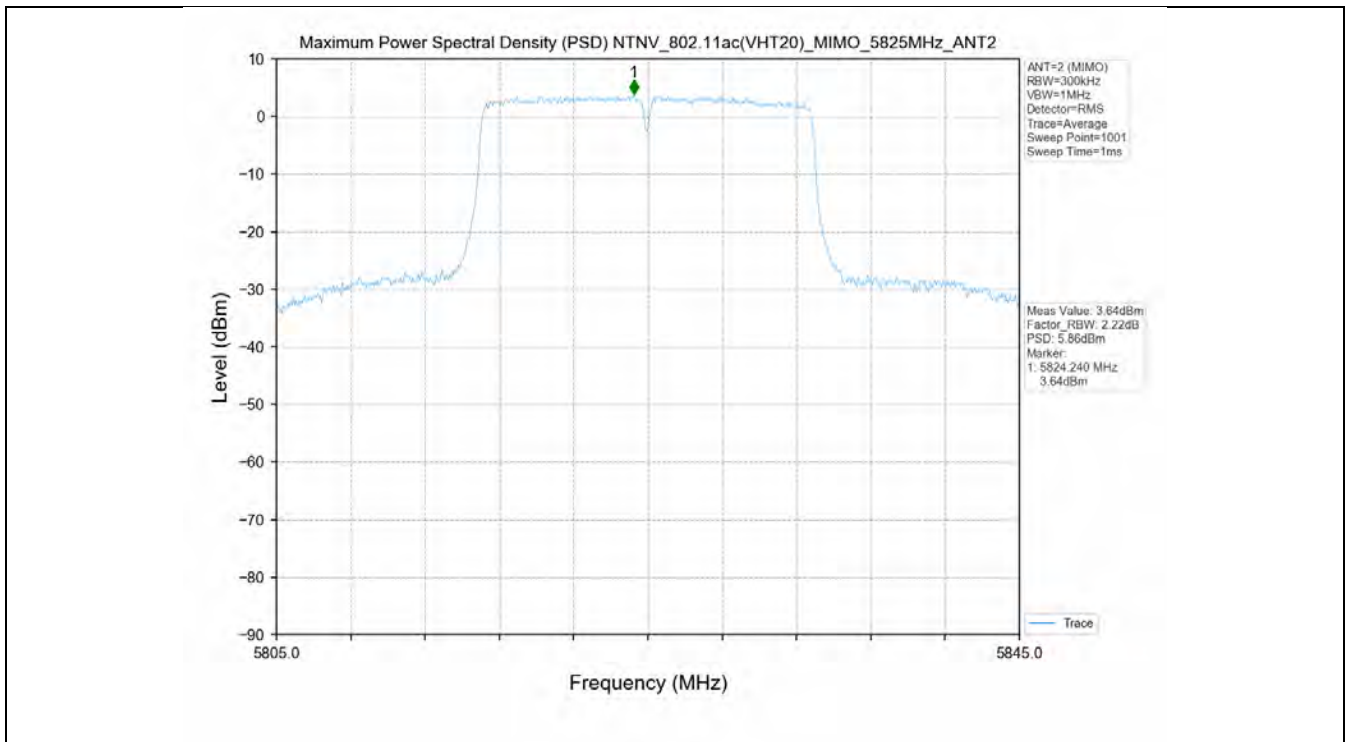
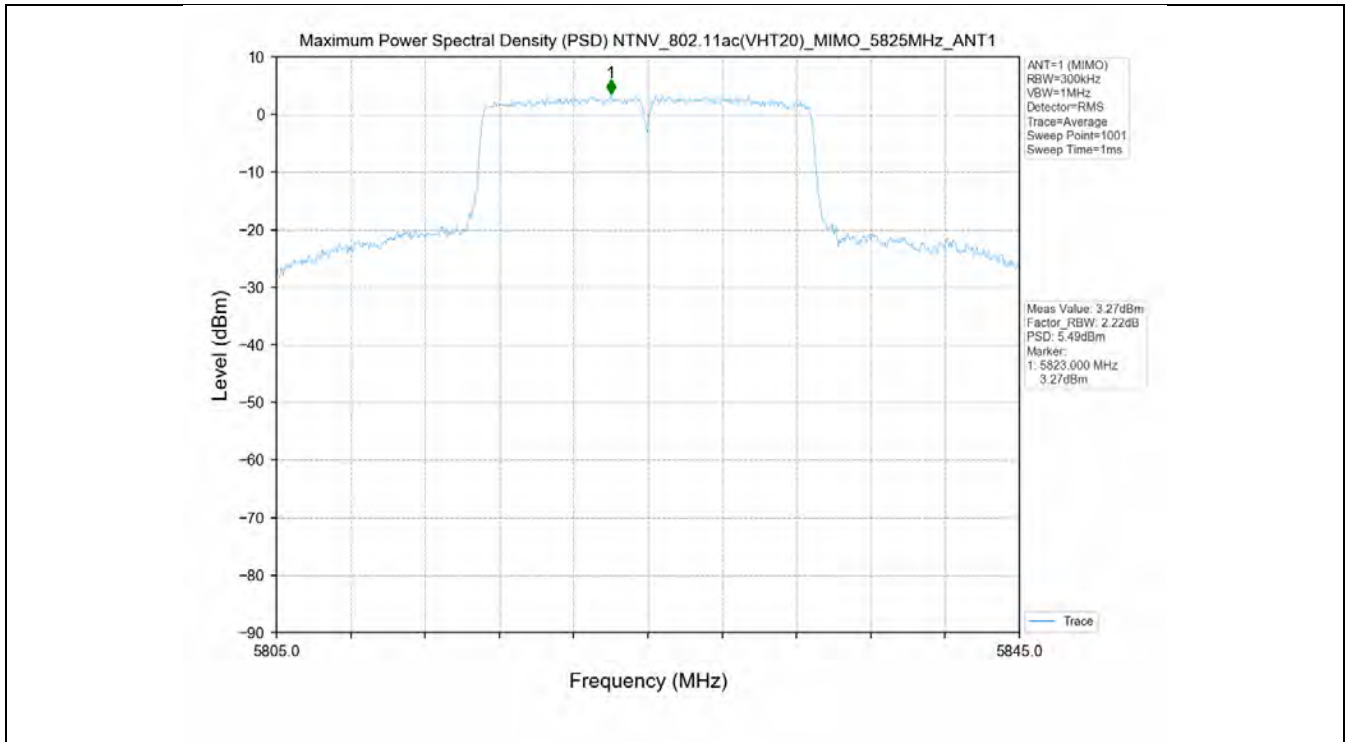


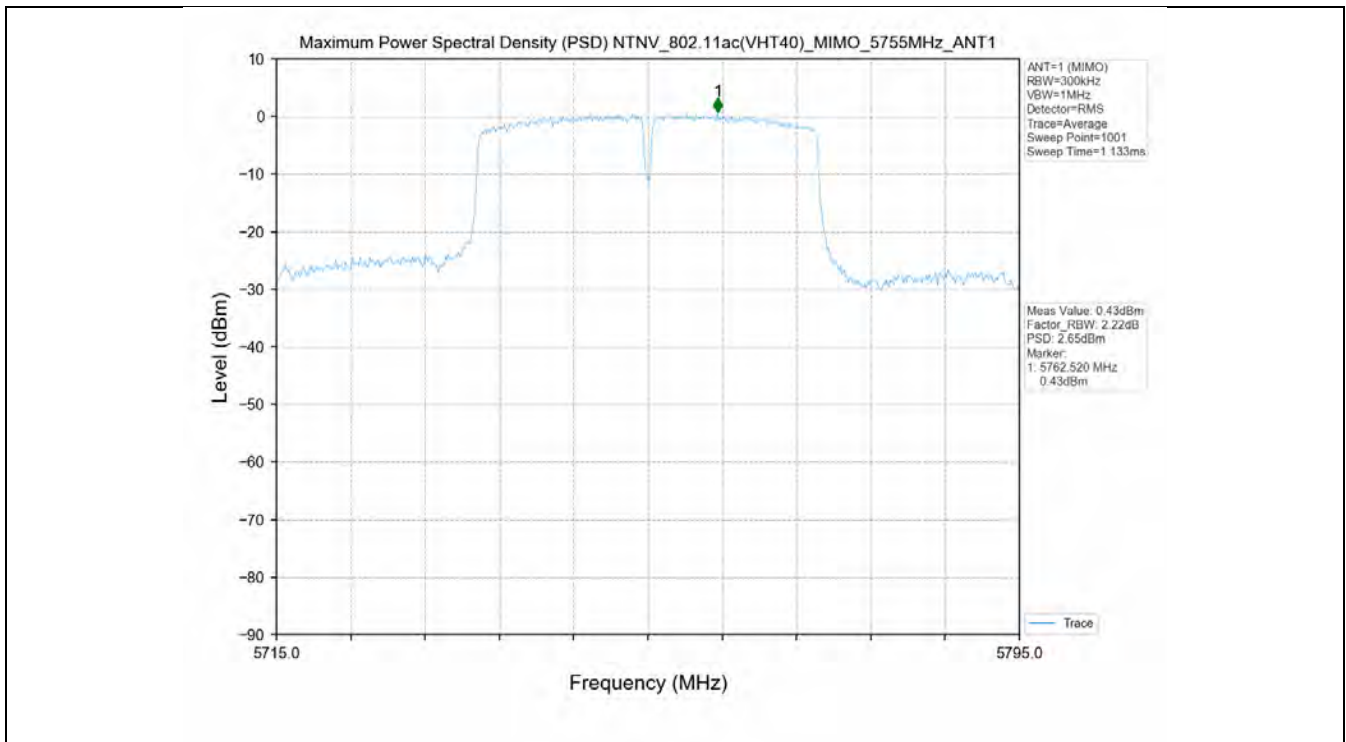
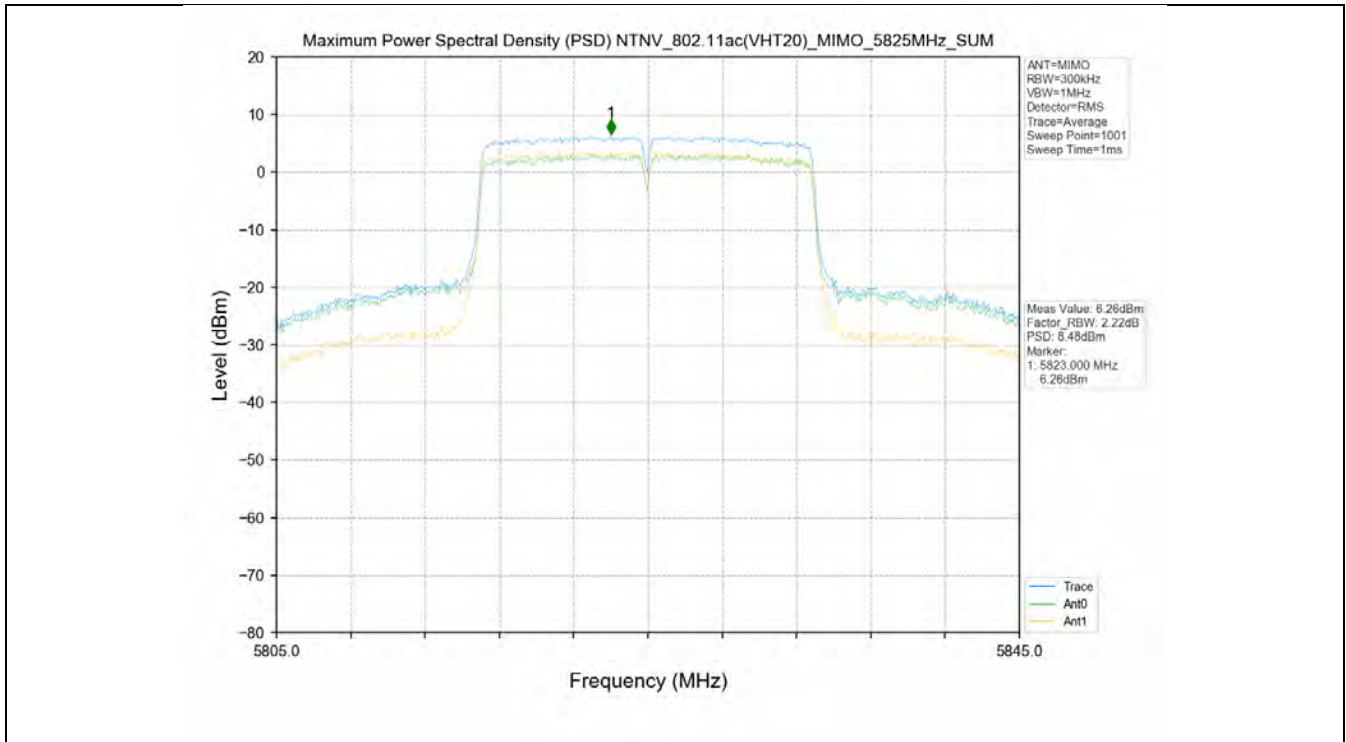


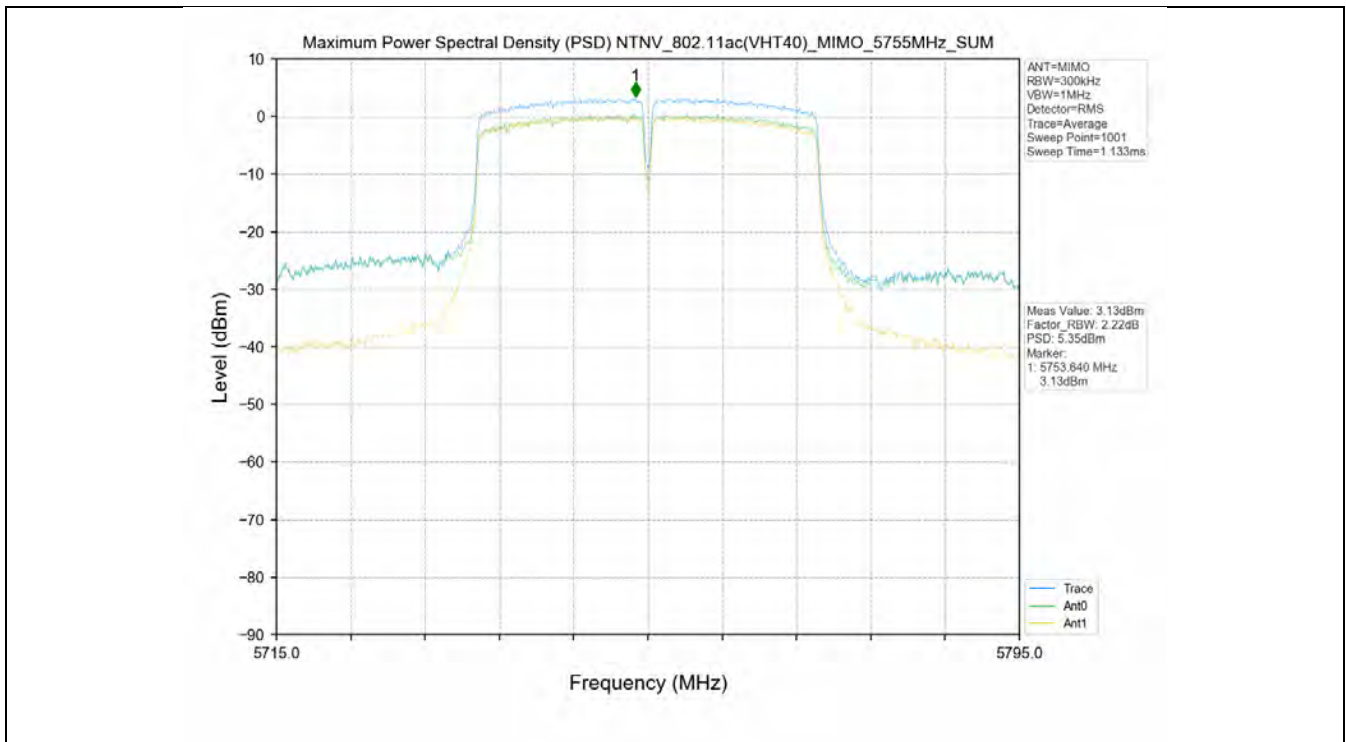
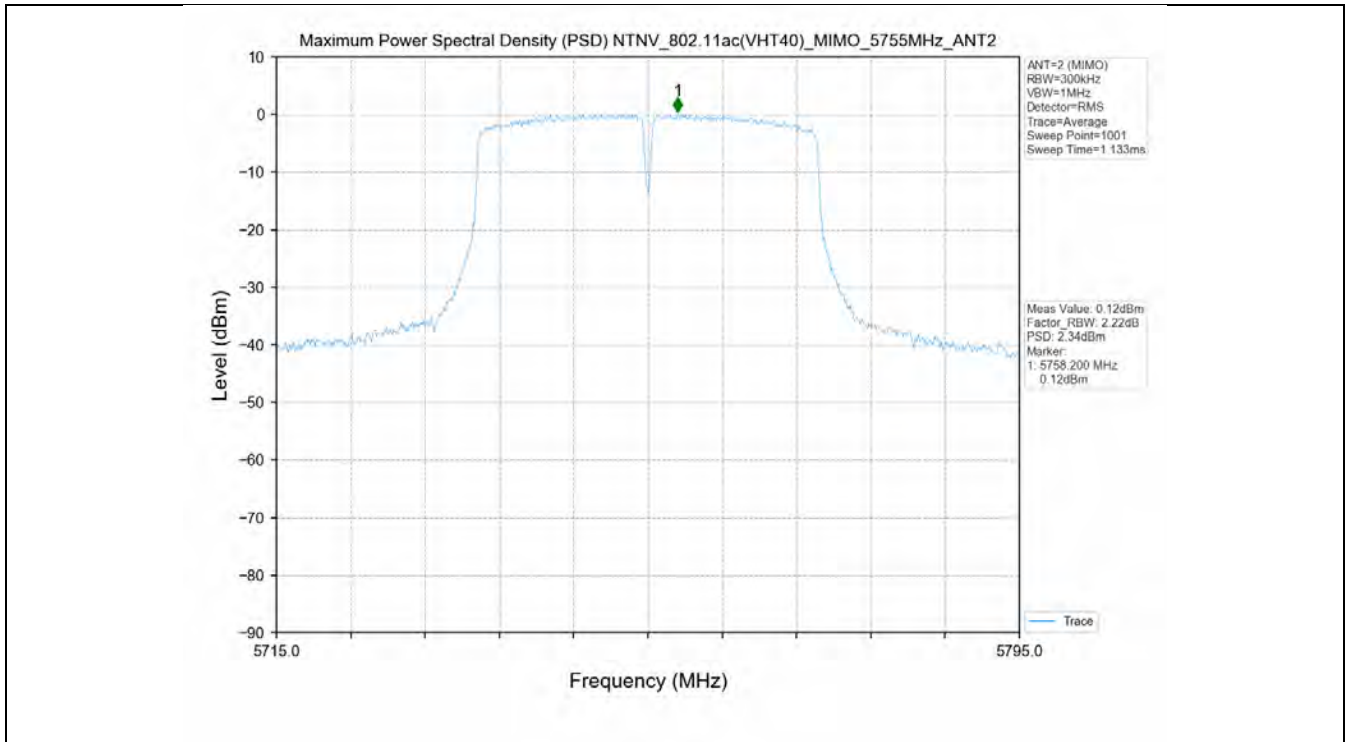


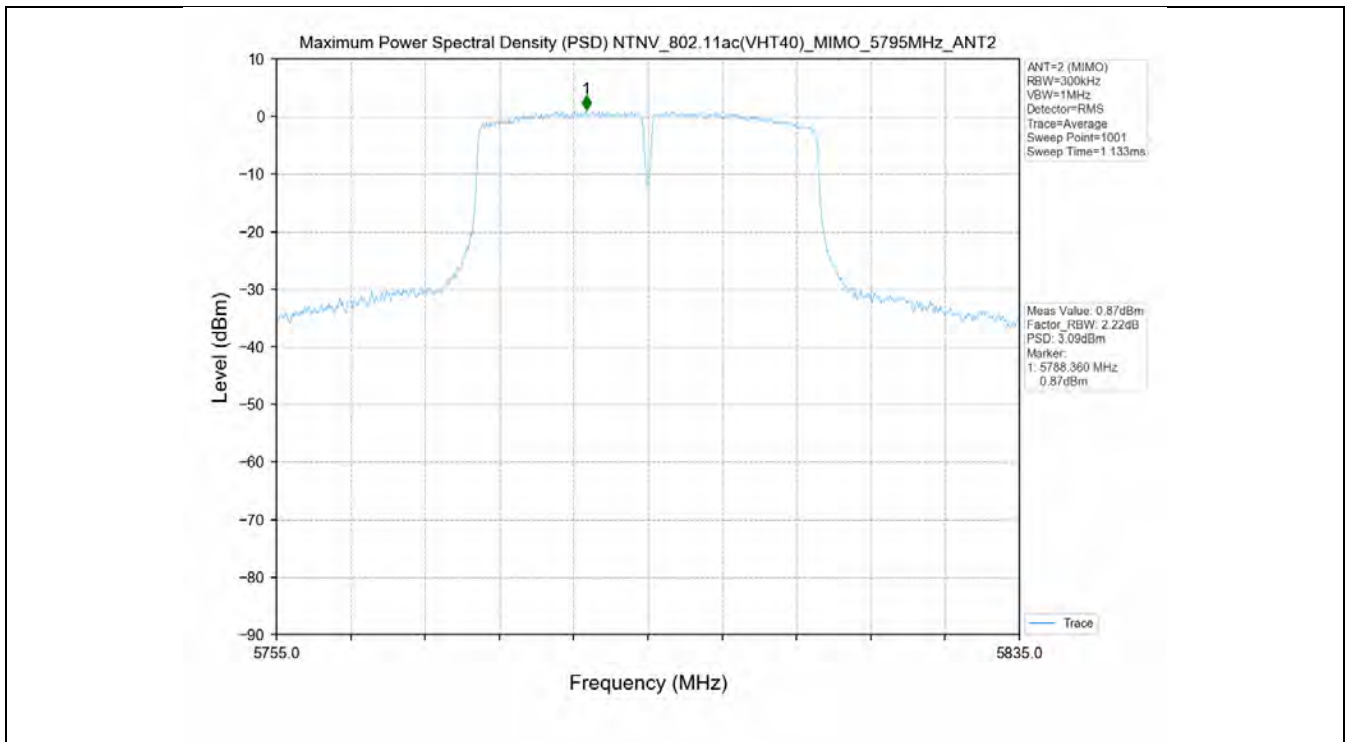
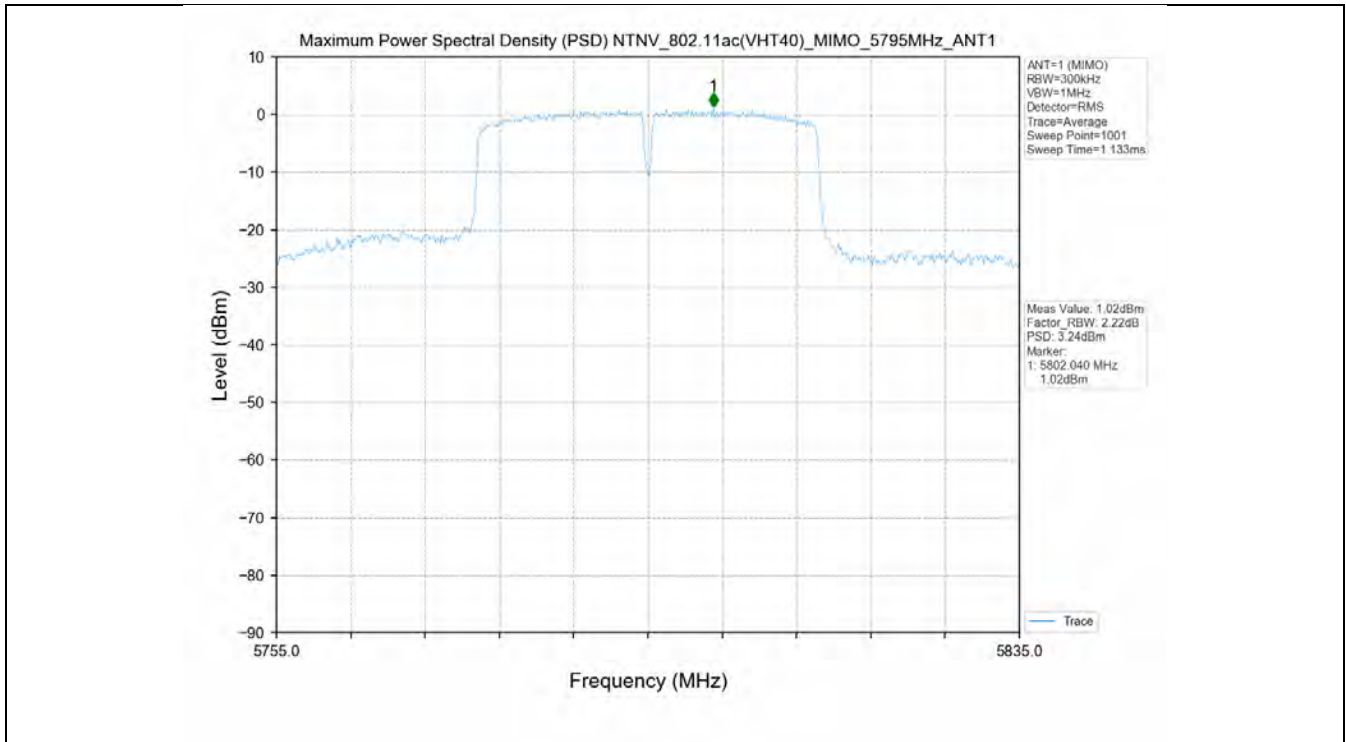


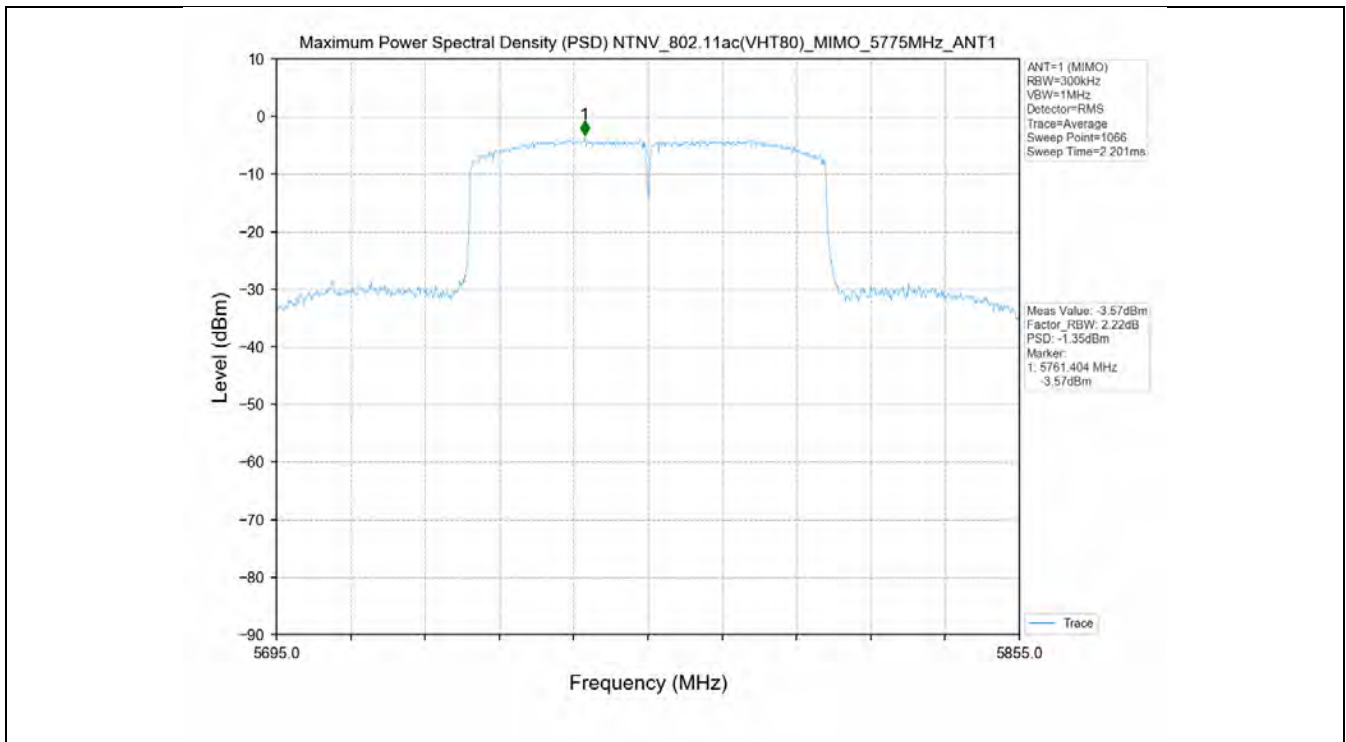
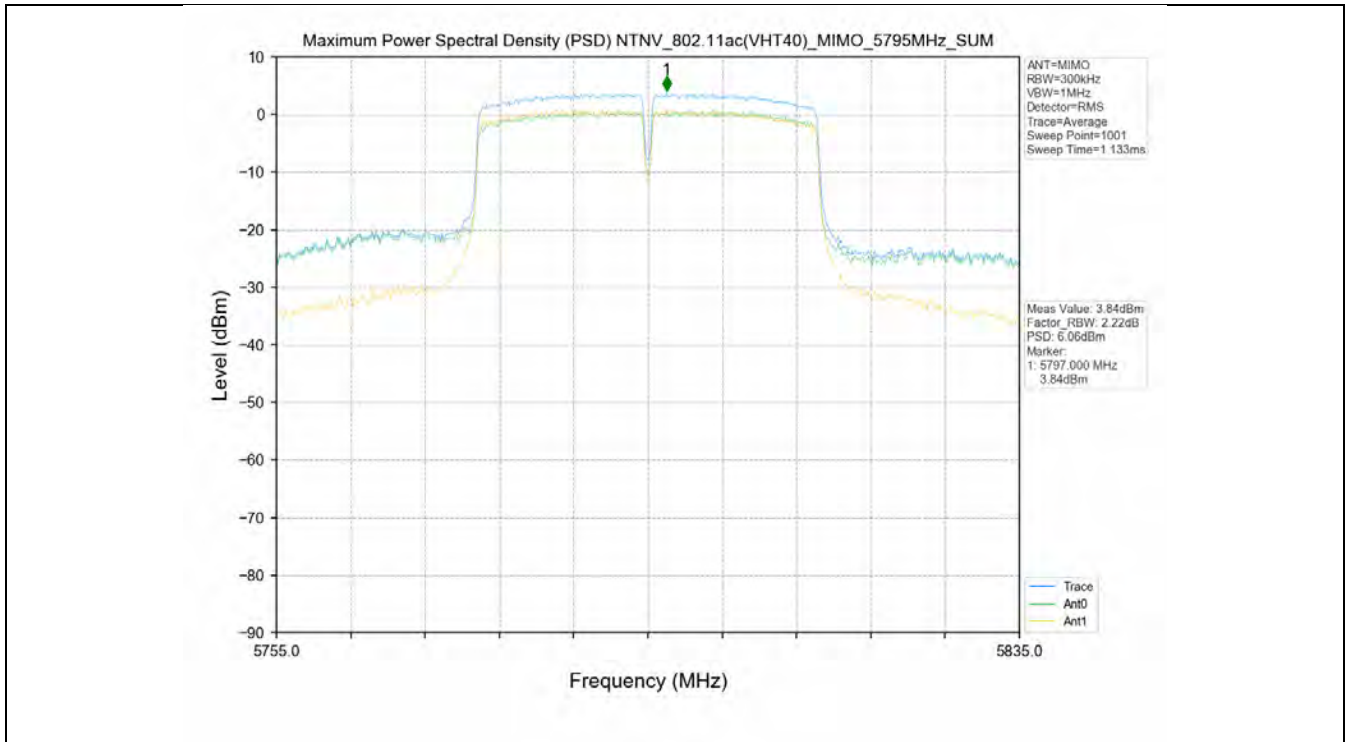


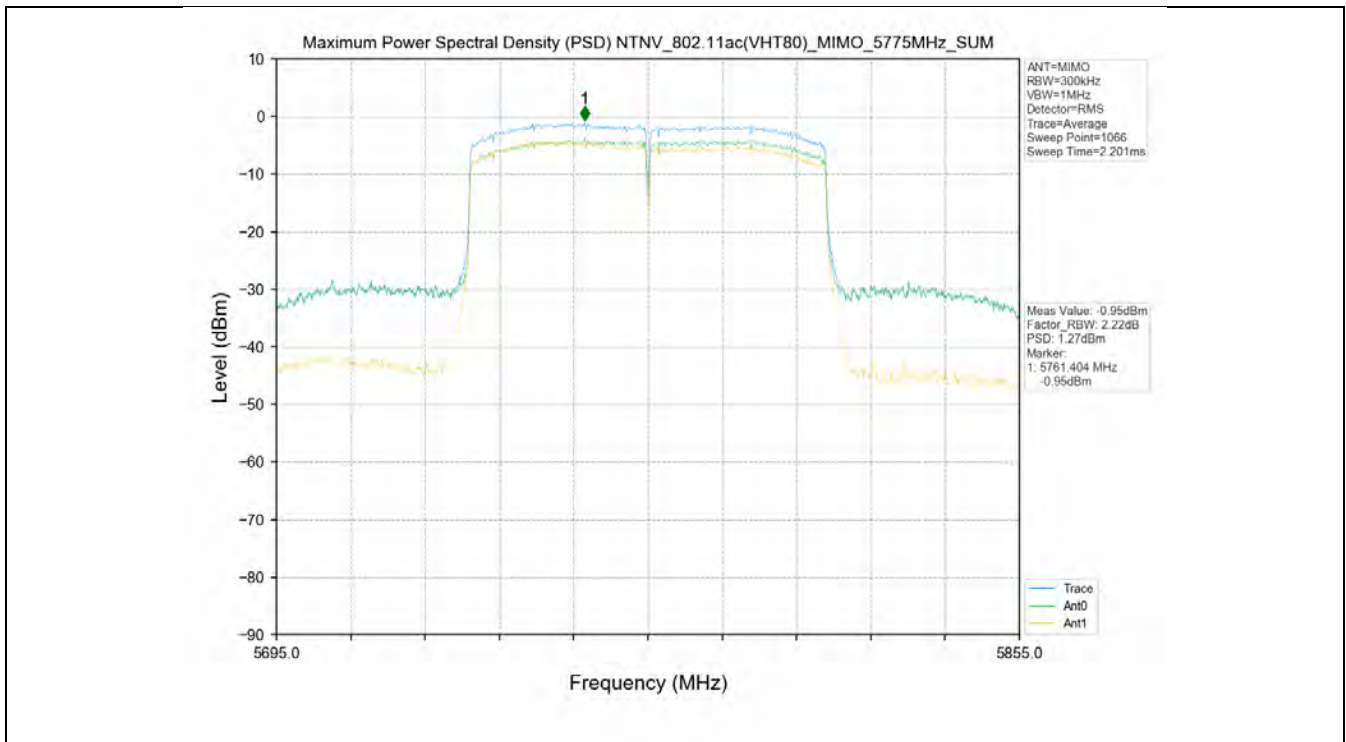
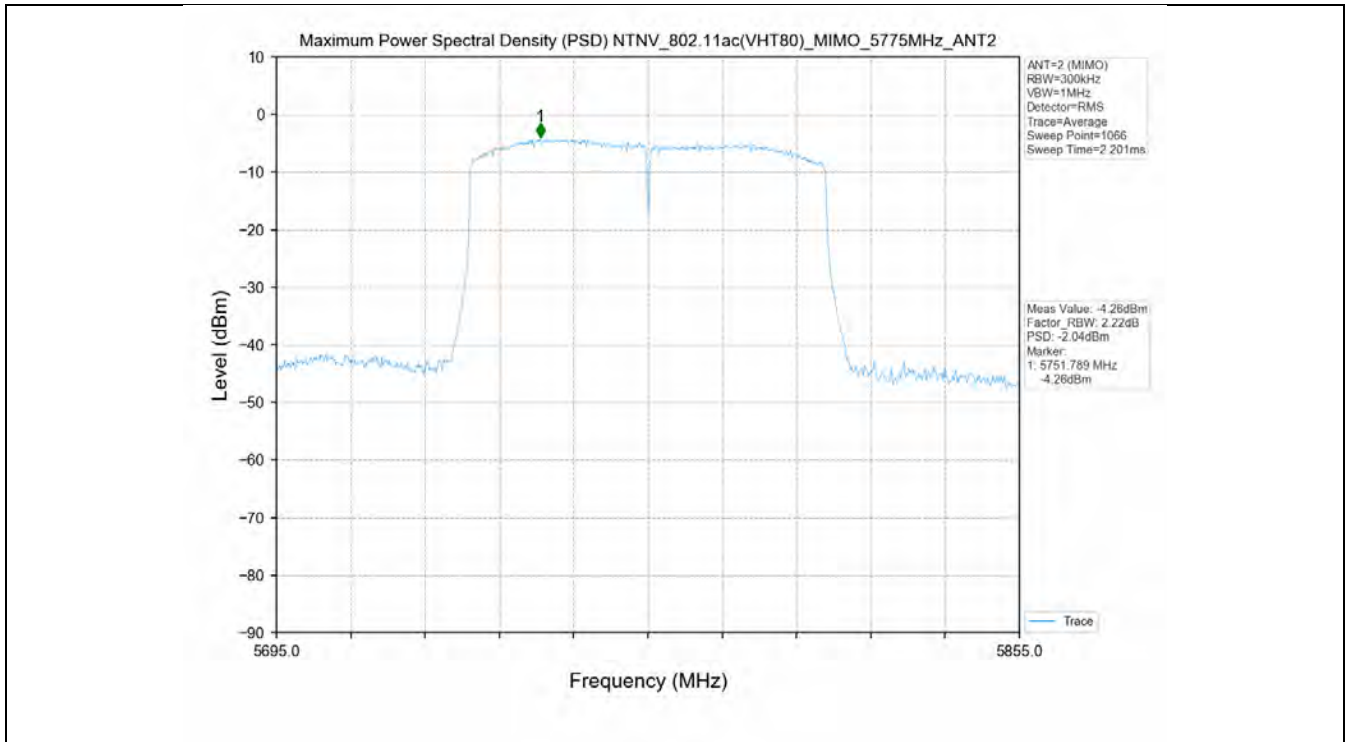














5. Frequency Stability

5.1 Test Result

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V AC)	Temp (°C)		ANT1	ANT1		
Band UN-II 1	Normal(120)	Extreme(0)	5180	5179.9803	-0.0197	5.150-5.250	Pass
		Extreme(+10)		5180.0150	0.0150		Pass
		Extreme(+20)		5179.9921	-0.0079		Pass
		Extreme(+30)		5180.0259	0.0259		Pass
		Extreme(+35)		5180.0148	0.0148		Pass
	Extreme(102)	Norma(+20)	5180	5179.9985	-0.0015		Pass
	Extreme(138)			5240.0194	0.0194		Pass
	Normal(120)	Extreme(0)	5240	5240.0044	0.0044		Pass
		Extreme(+10)		5239.9957	-0.0043		Pass
		Extreme(+20)		5240.0016	0.0016		Pass
		Extreme(+30)		5239.9996	-0.0004		Pass
		Extreme(+35)		5240.0143	0.0147		Pass
	Extreme(102)	Norma(20)	5240	5179.9803	-0.0197		Pass
	Extreme(138)			5180.0150	0.0150		Pass
Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V AC)	Temp (°C)		ANT1	ANT1		
Band UN-II 3	Normal(120)	Extreme(0)	5745	5744.9917	-0.0083	5.725-5.850	Pass
		Extreme(+10)		5745.0131	0.0131		Pass
		Extreme(+20)		5744.9900	-0.0100		Pass
		Extreme(+30)		5745.0074	0.0074		Pass
		Extreme(+35)		5745.0211	0.0211		Pass
	Extreme(102)	Norma(+20)	5745	5744.9997	-0.0003		Pass
	Extreme(138)			5825.0081	0.0081		Pass
	Normal(120)	Extreme(0)	5825	5825.0196	0.0196		Pass
		Extreme(+10)		5824.9889	-0.0111		Pass
		Extreme(+20)		5825.0093	0.0093		Pass
		Extreme(+30)		5825.0069	0.0069		Pass
		Extreme(++35)		5825.0041	0.0041		Pass
	Extreme(102)	Norma(20)	5825	5744.9917	-0.0083		Pass
	Extreme(138)			5745.0131	0.0131		Pass