



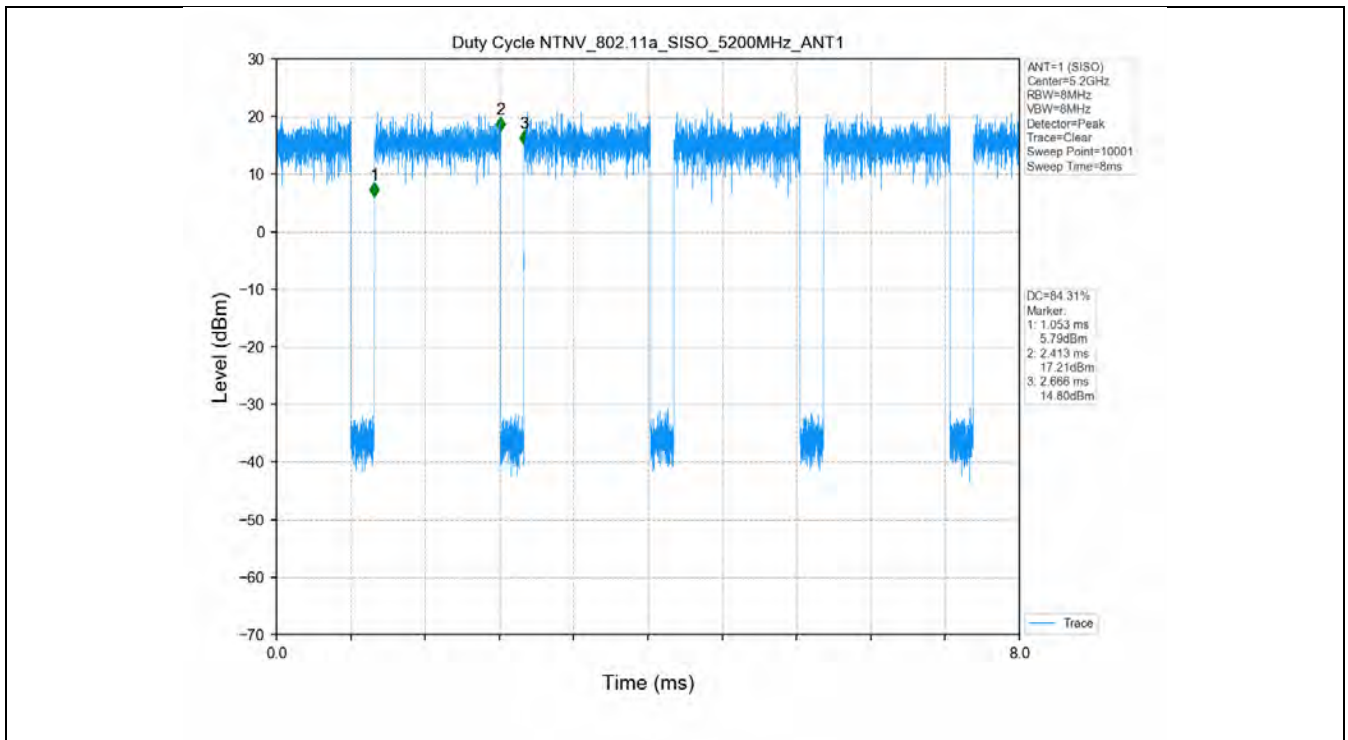
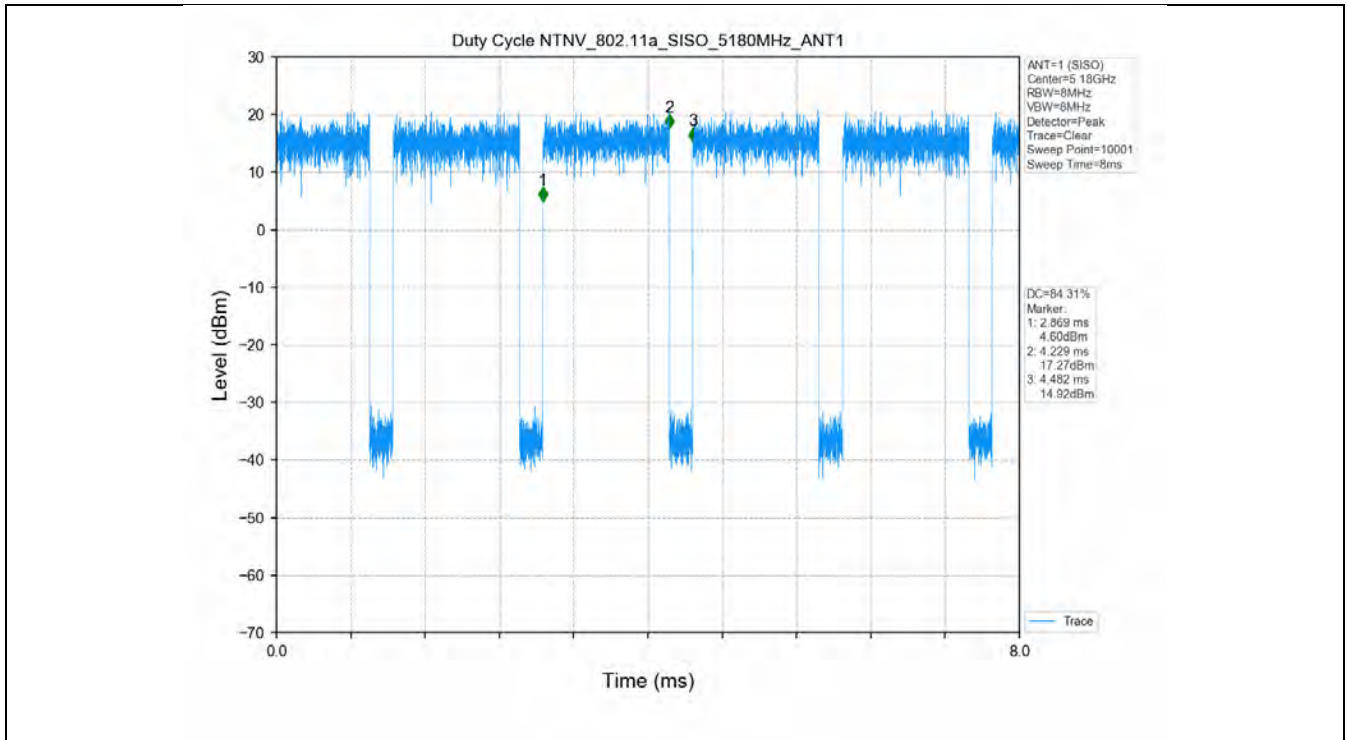
Appendix C for SHEM200600506003

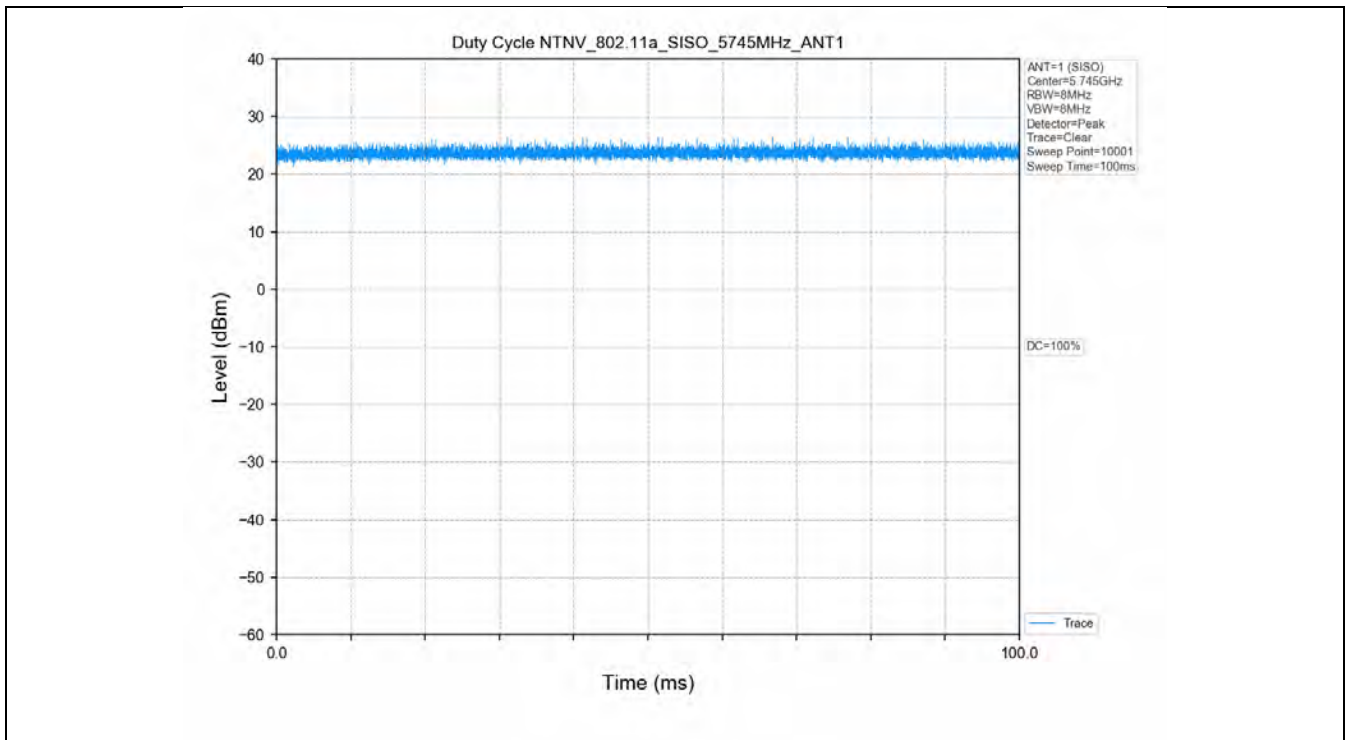
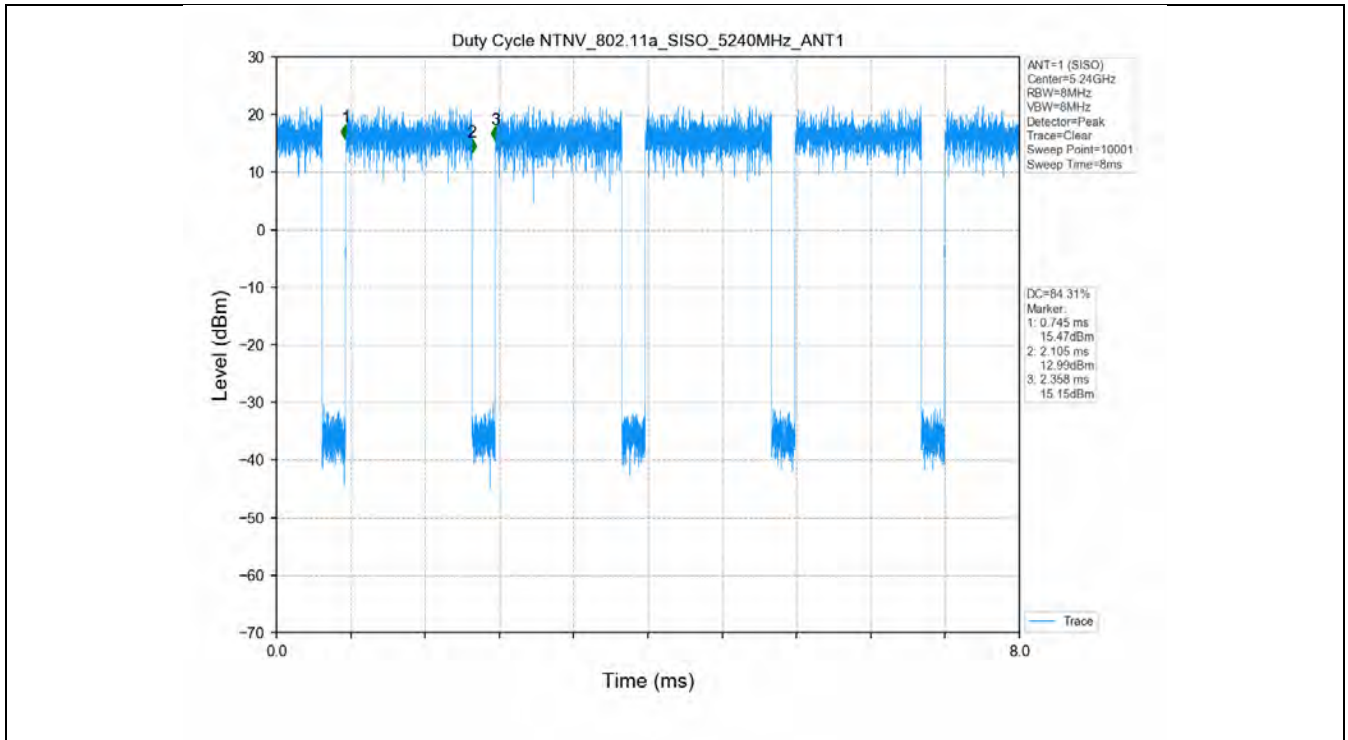
1. Duty Cycle

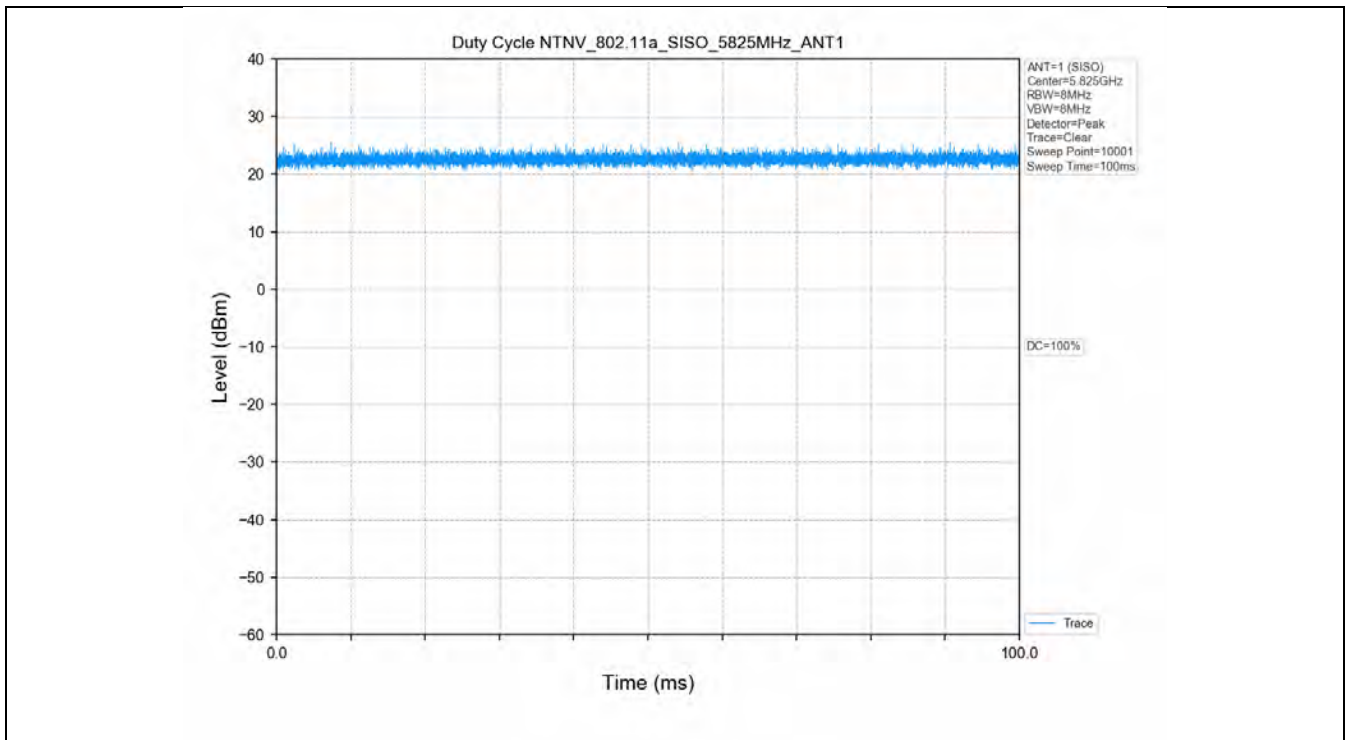
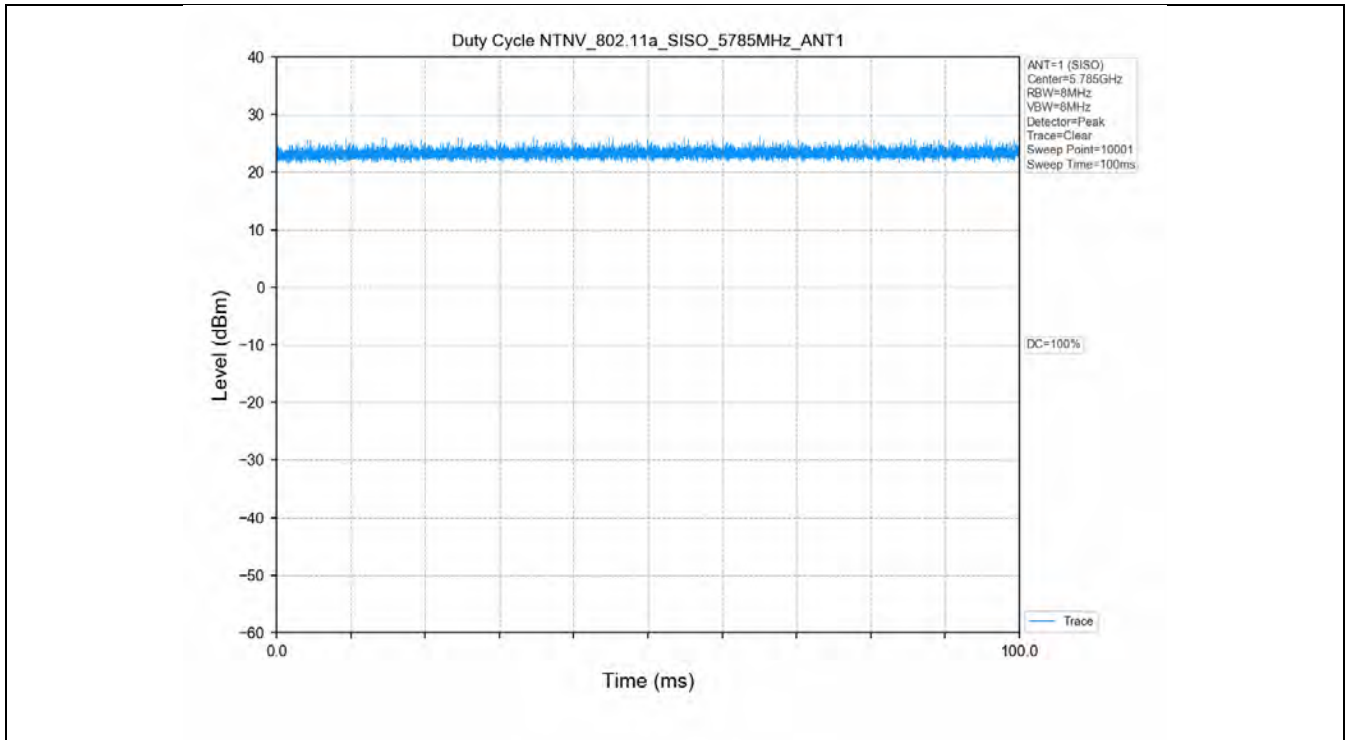
1.1 Test Result

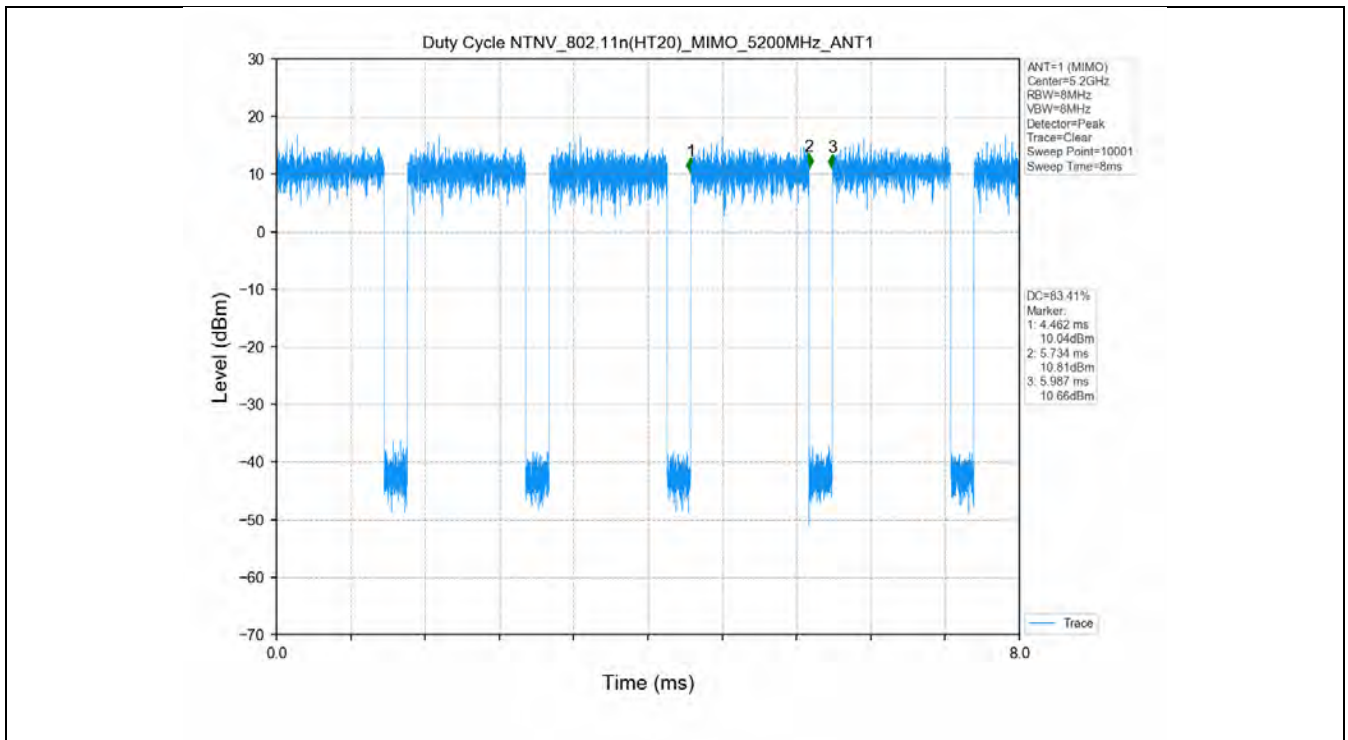
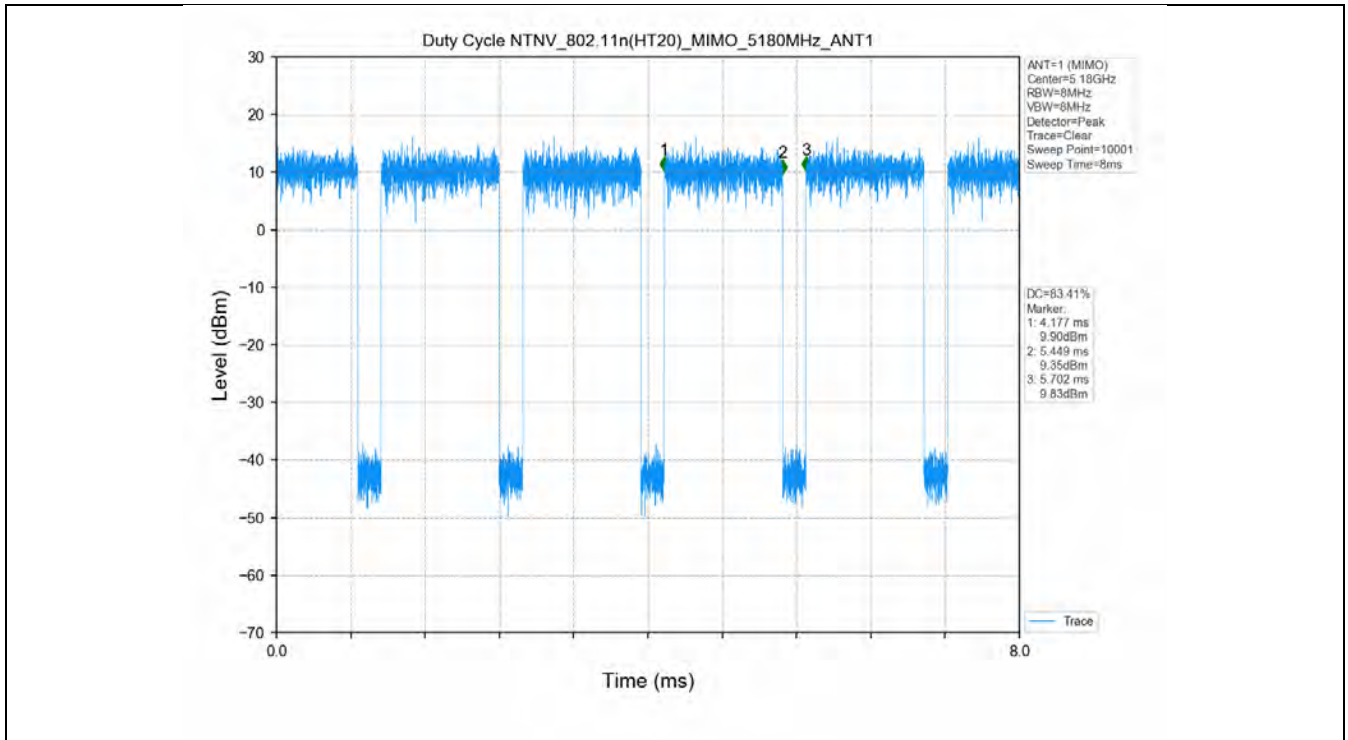
Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5180	SISO	1	1.360	1.613	84.31	0.74
	5200	SISO	1	1.360	1.613	84.31	0.74
	5240	SISO	1	1.360	1.613	84.31	0.74
	5745	SISO	1	100.000	100.000	100.00	0.00
	5785	SISO	1	100.000	100.000	100.00	0.00
	5825	SISO	1	100.000	100.000	100.00	0.00
802.11n(HT20)	5180	MIMO	1	1.272	1.525	83.41	0.79
	5200	MIMO	1	1.272	1.525	83.41	0.79
	5240	MIMO	1	1.272	1.526	83.36	0.79
	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	0.632	0.886	71.33	1.47
	5230	MIMO	1	0.631	0.885	71.30	1.47
	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	1.276	1.529	83.45	0.79
	5200	MIMO	1	1.276	1.530	83.40	0.79
	5240	MIMO	1	1.275	1.528	83.44	0.79
	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	0.636	0.889	71.54	1.45
	5230	MIMO	1	0.635	0.889	71.43	1.46
	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	0.317	0.569	55.71	2.54
	5775	MIMO	1	100.000	100.000	100.00	0.00

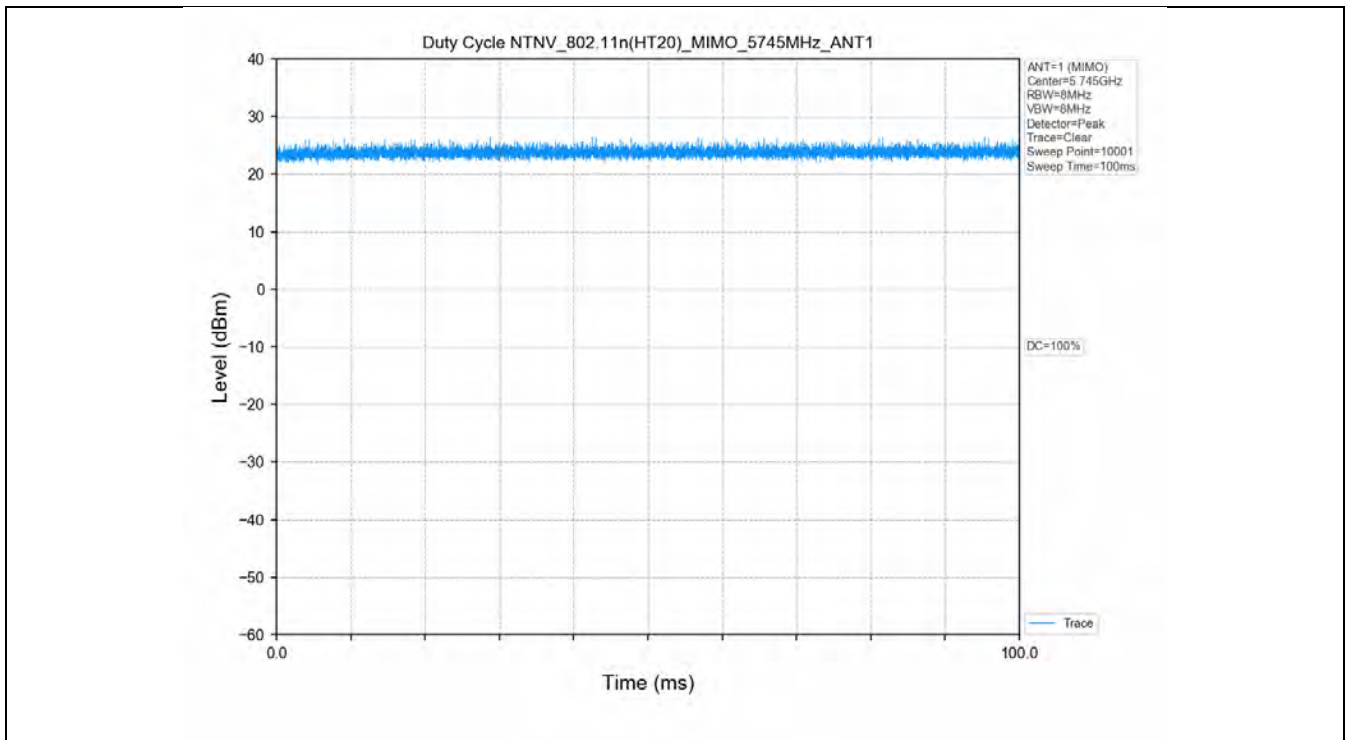
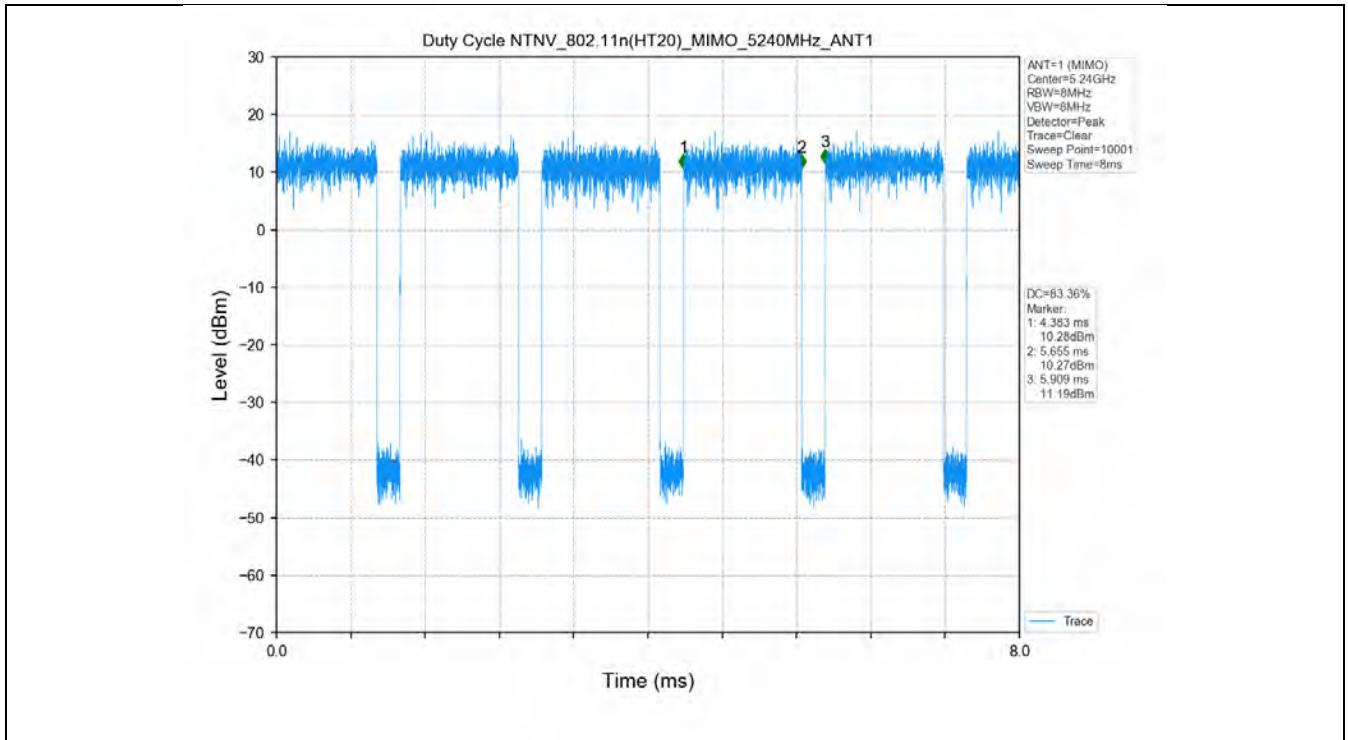
1.2 Test Graph

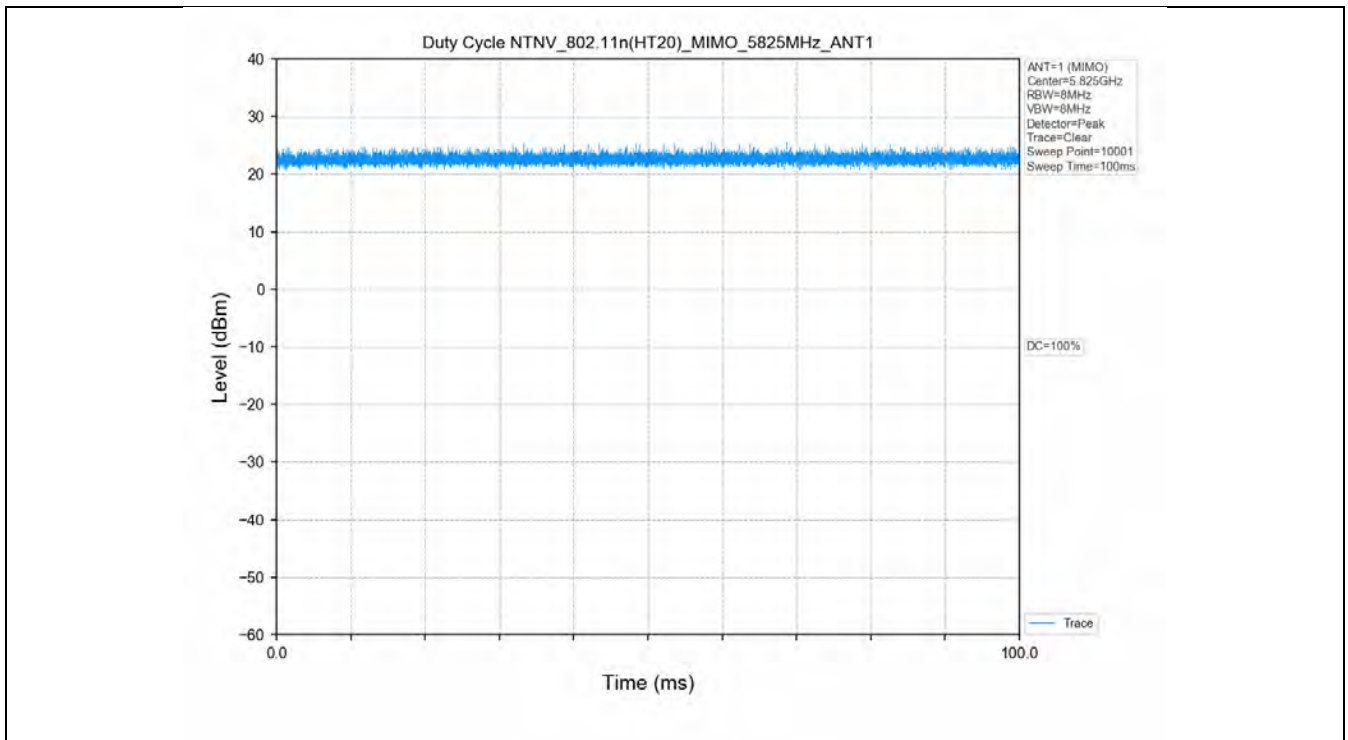
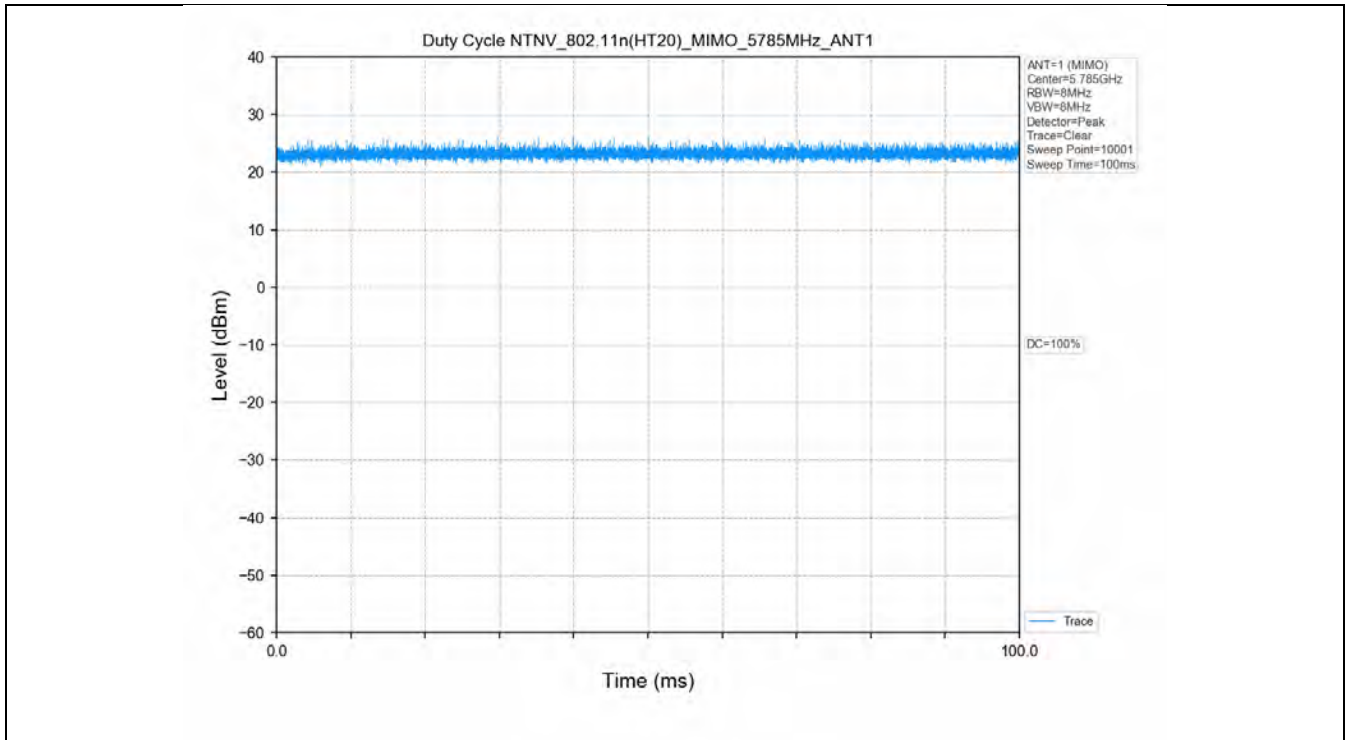


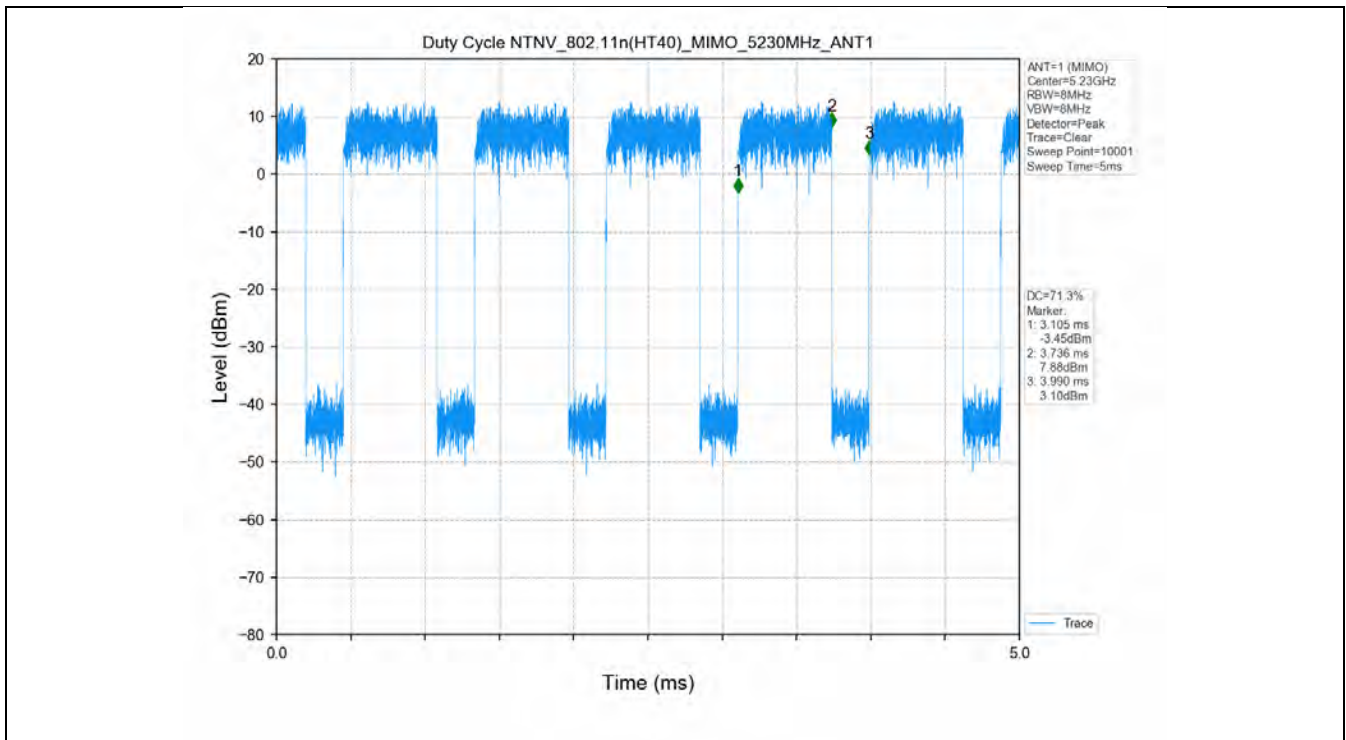
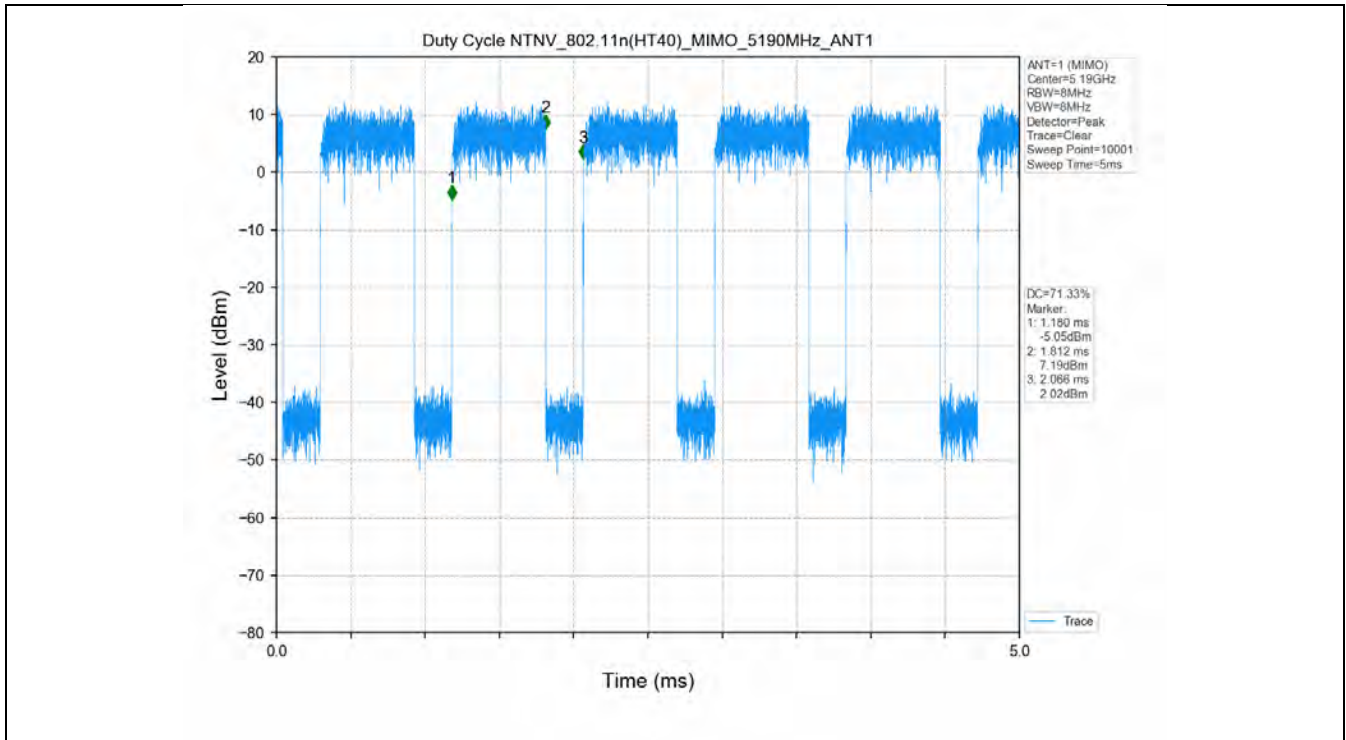


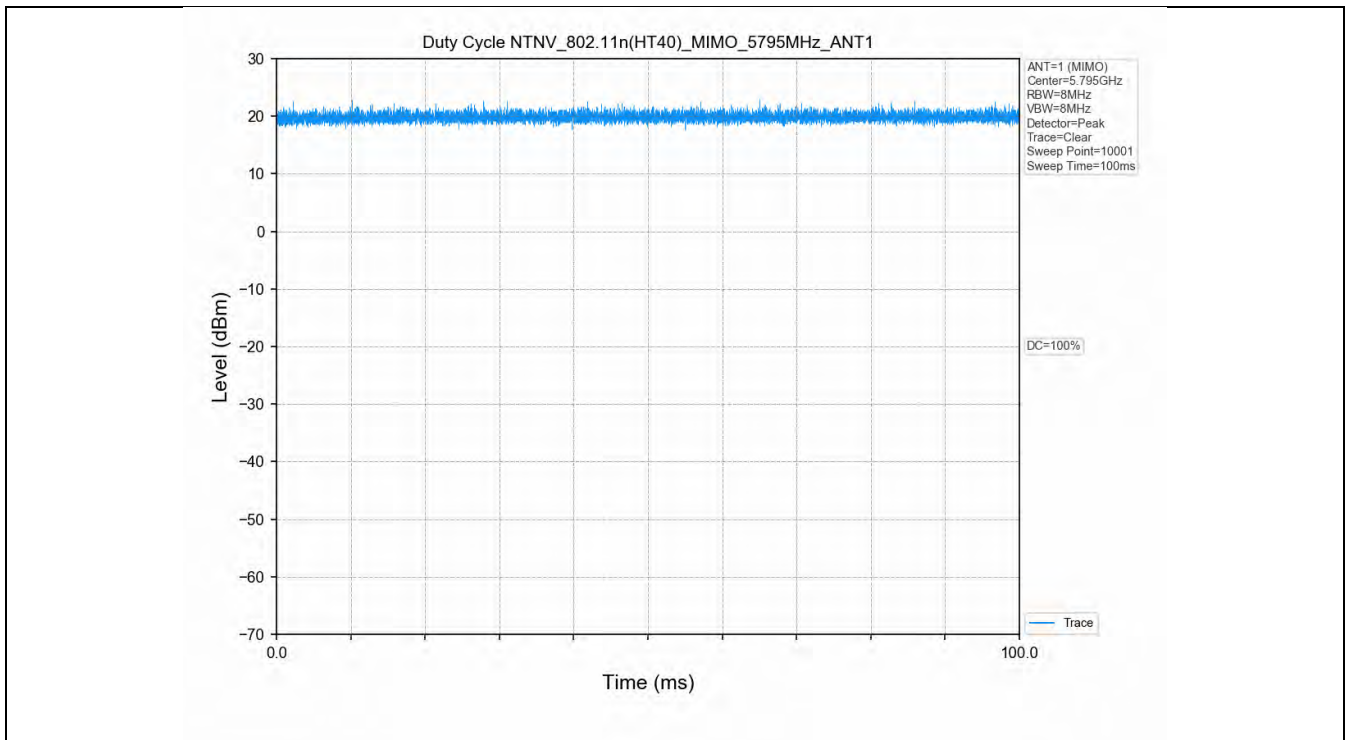
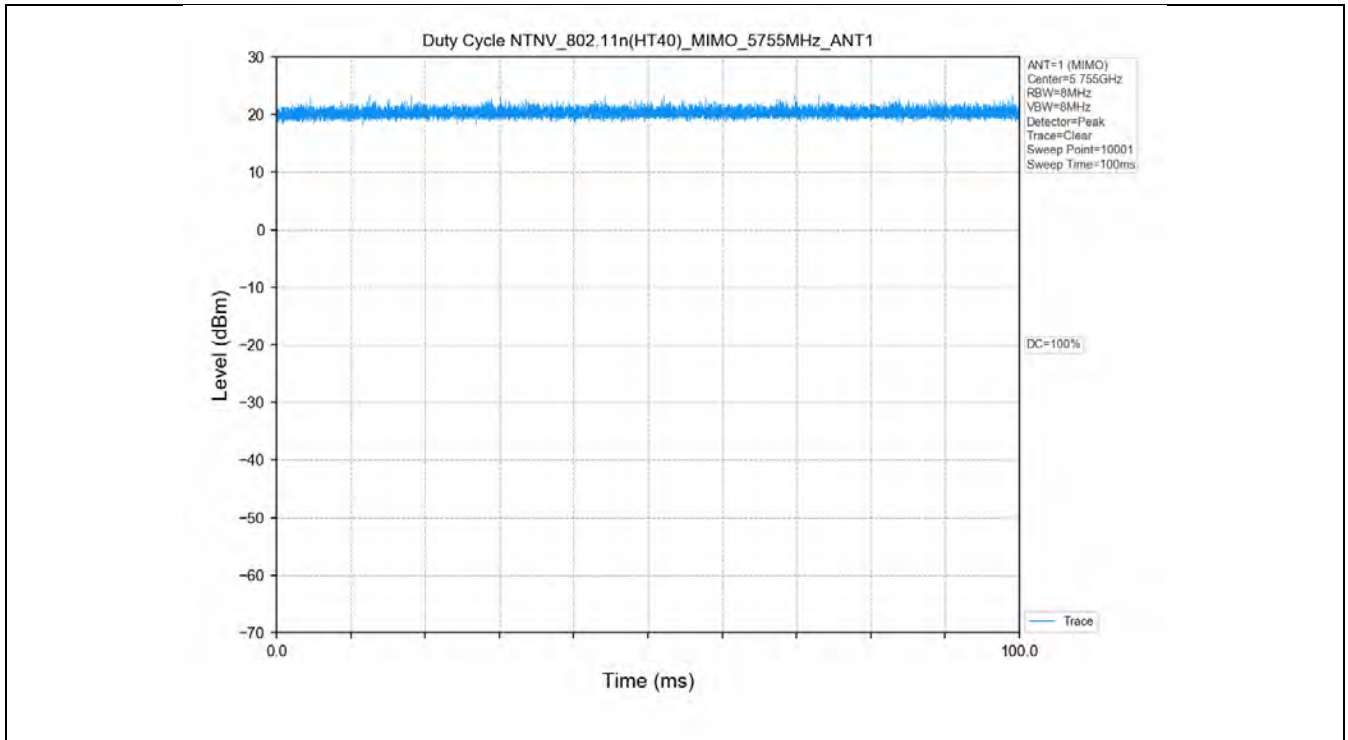


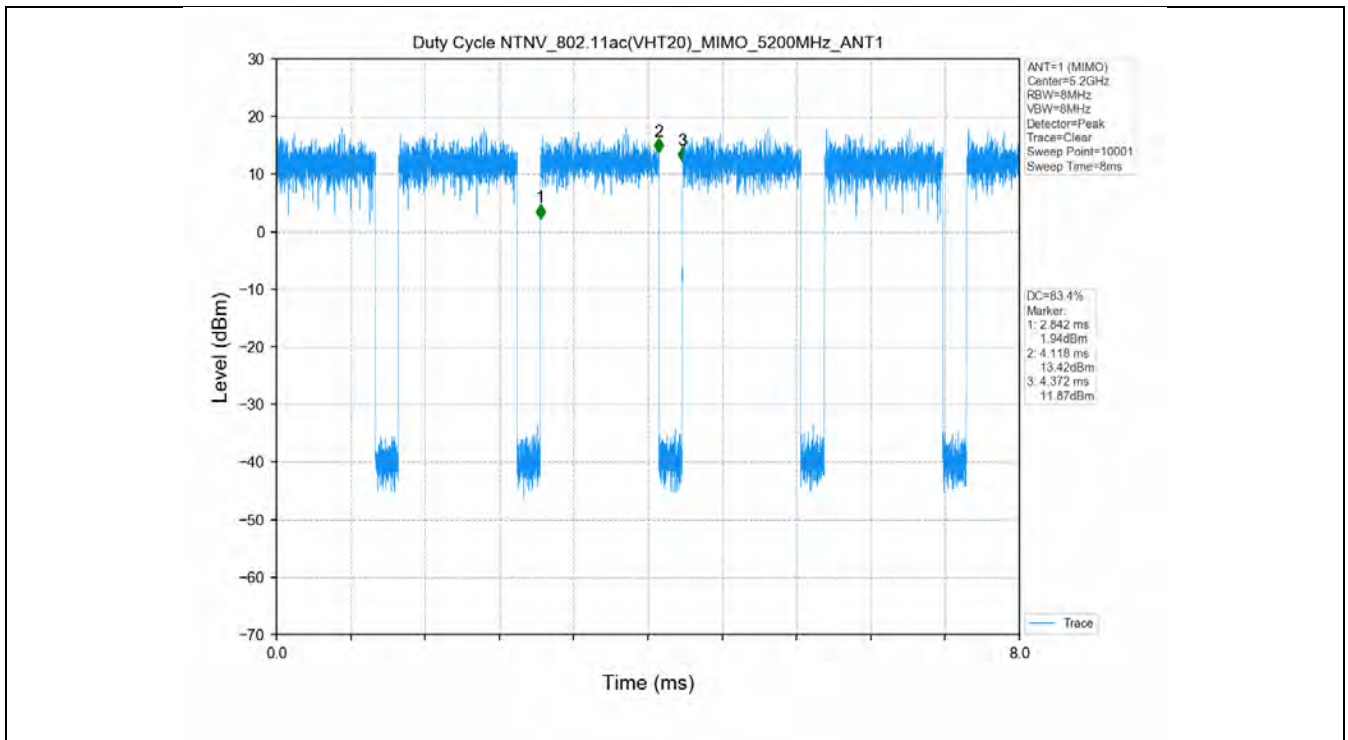
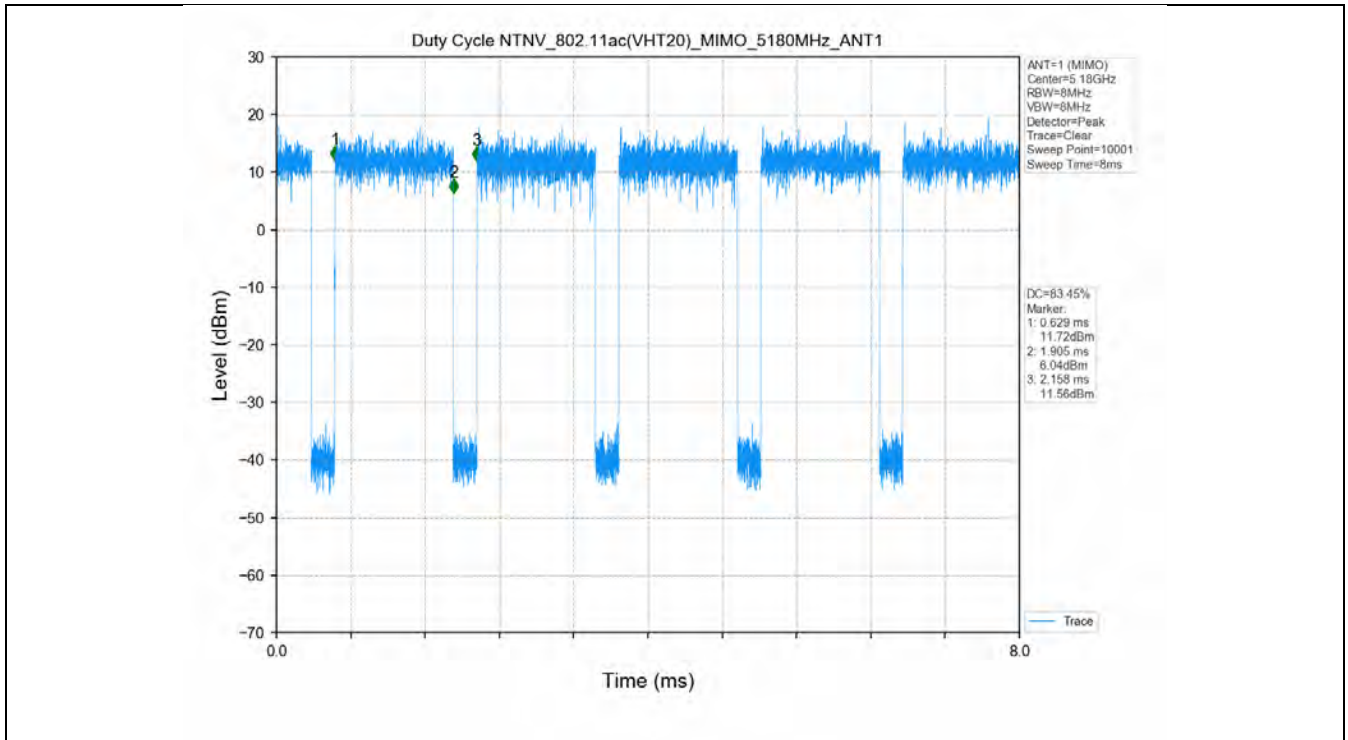


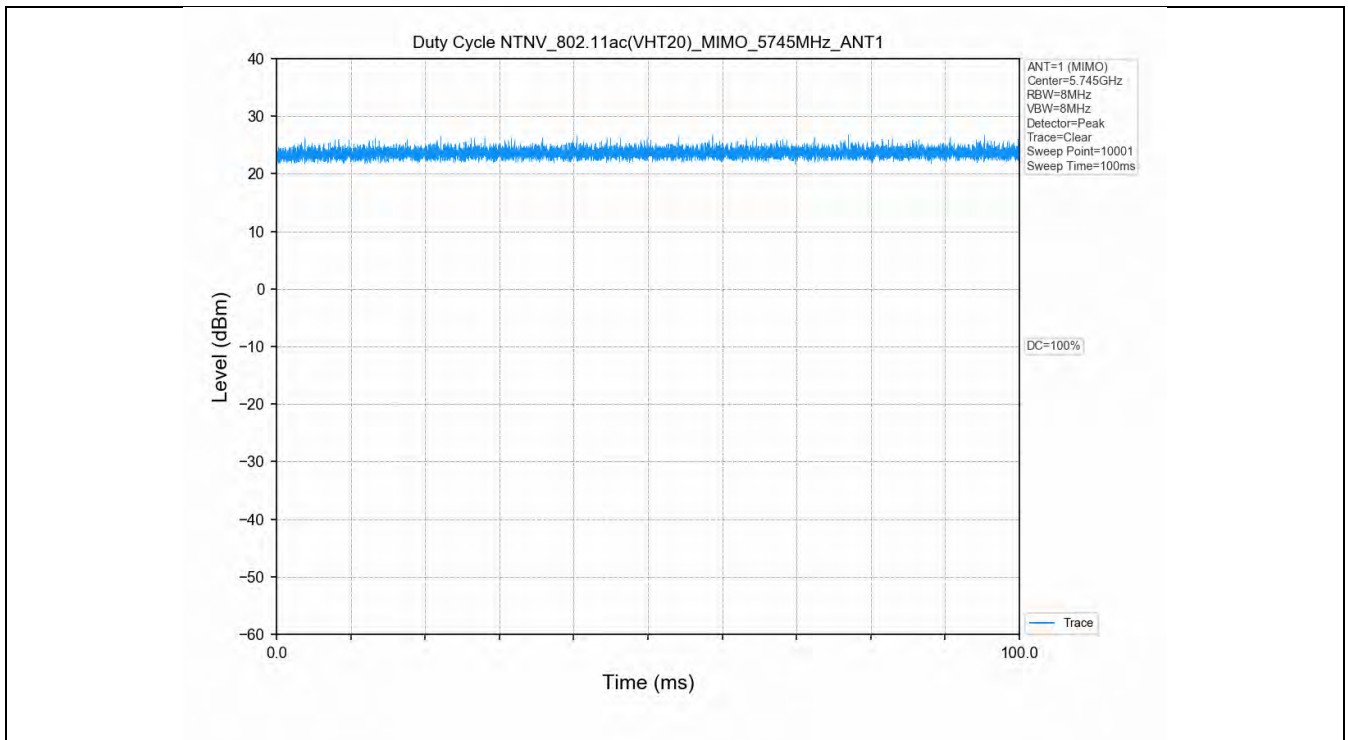
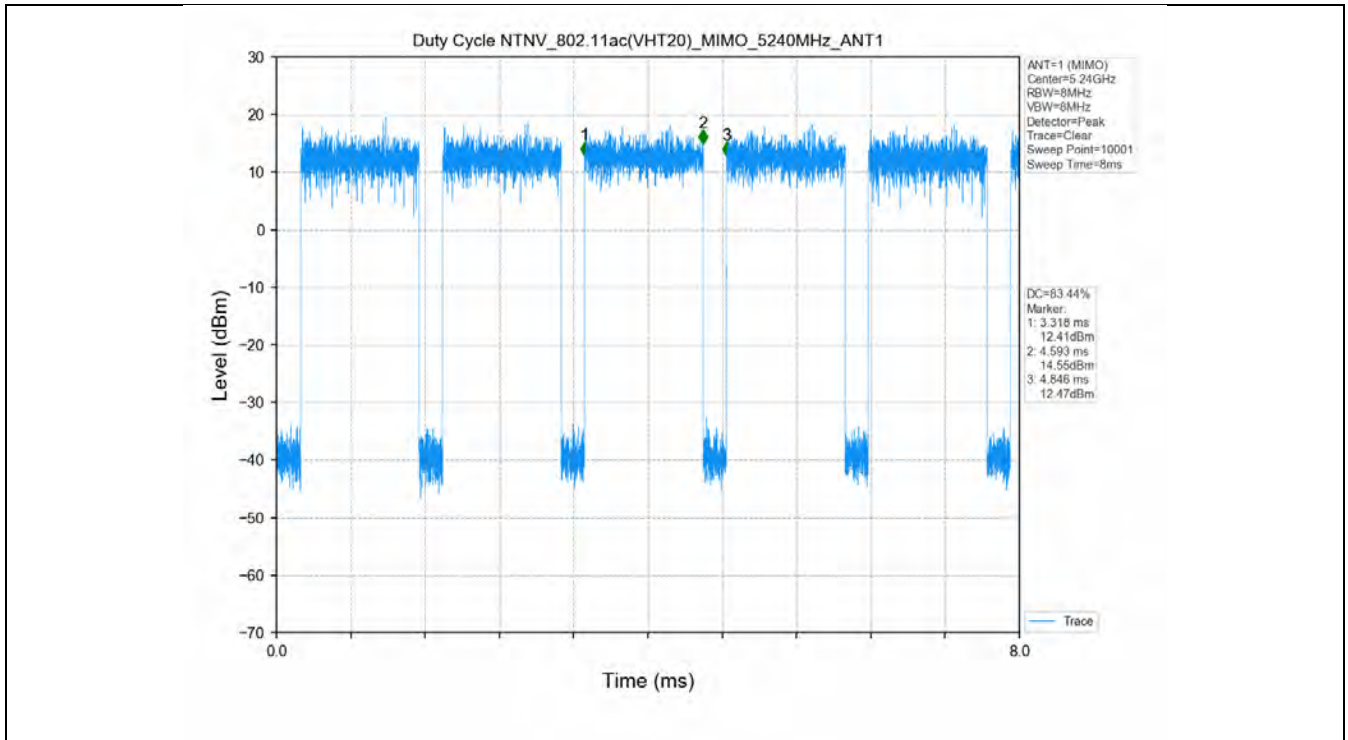


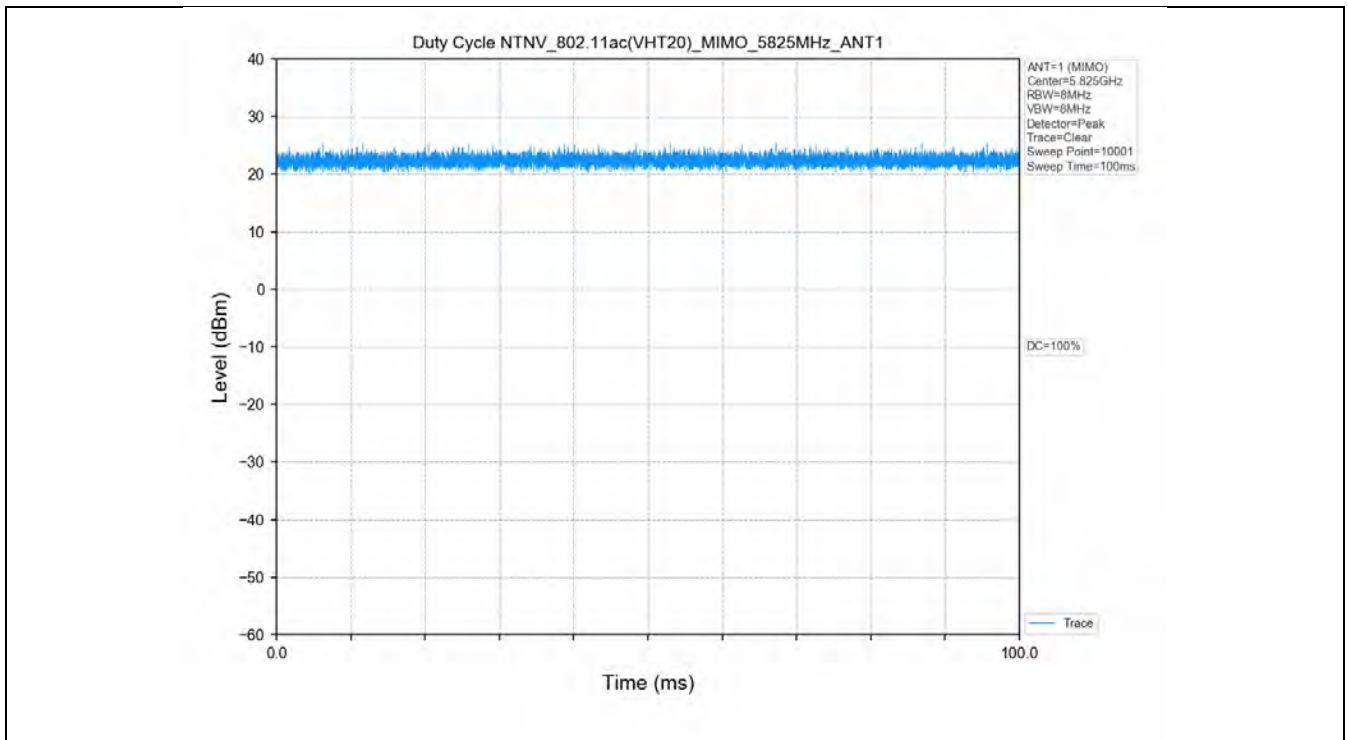
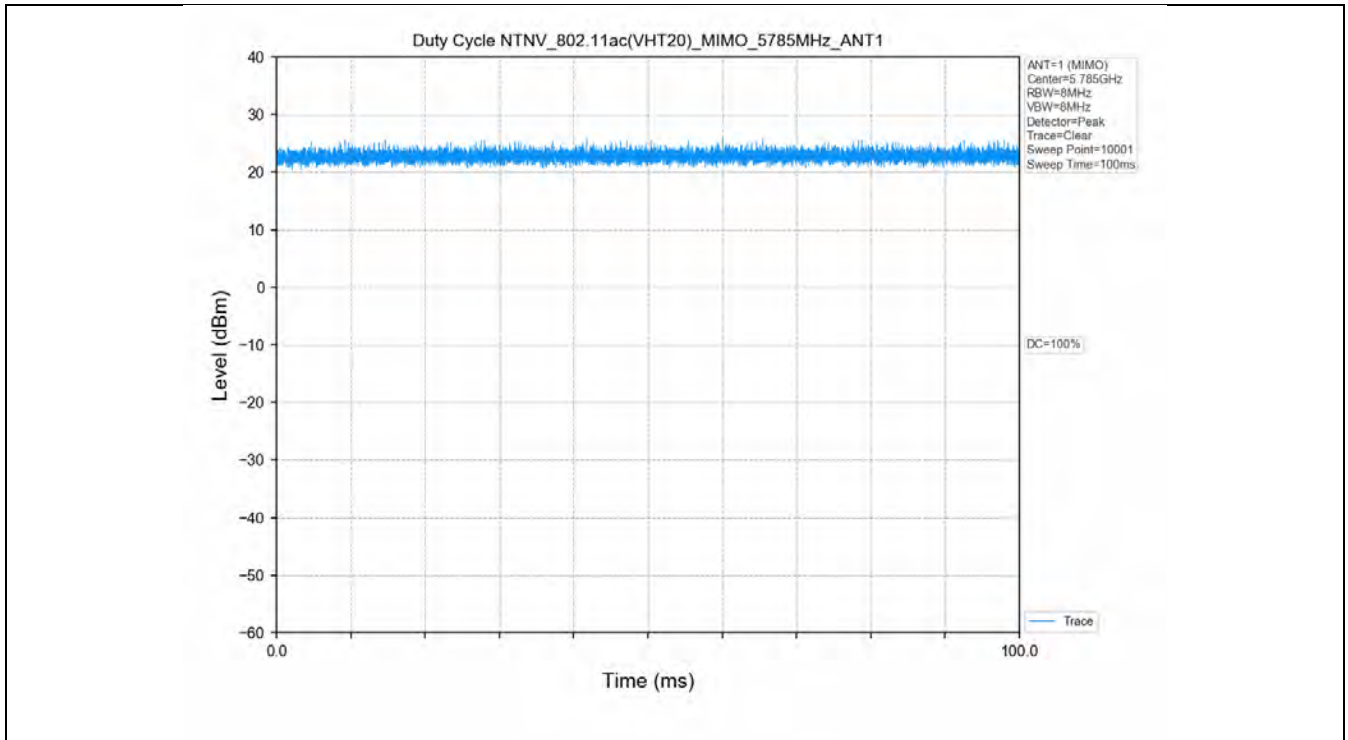


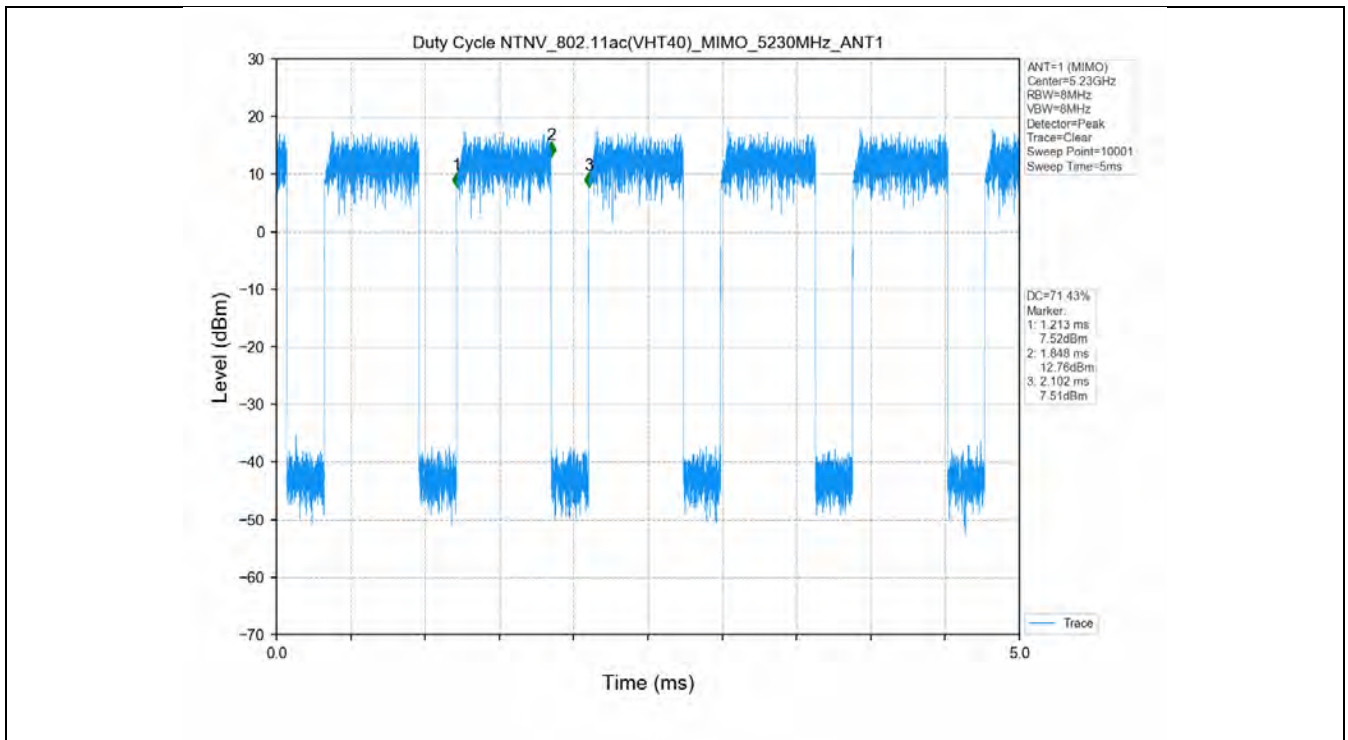
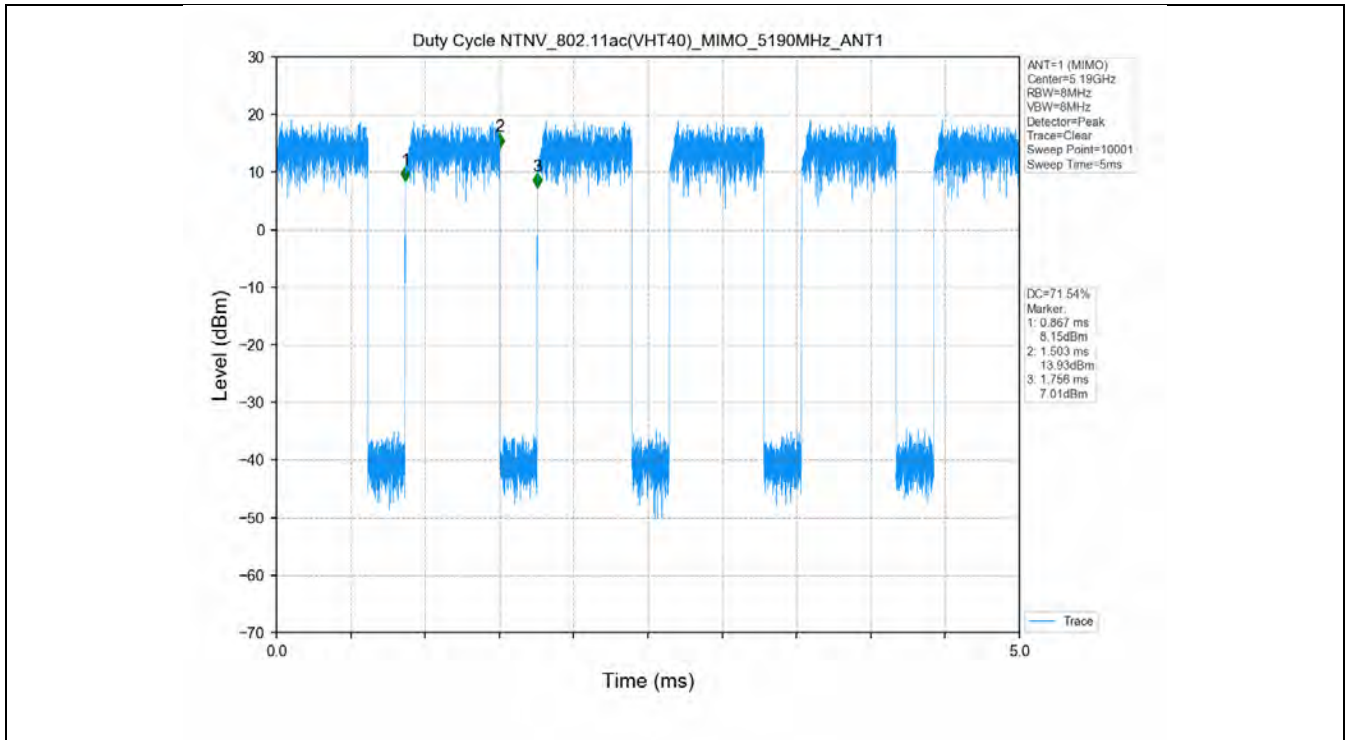


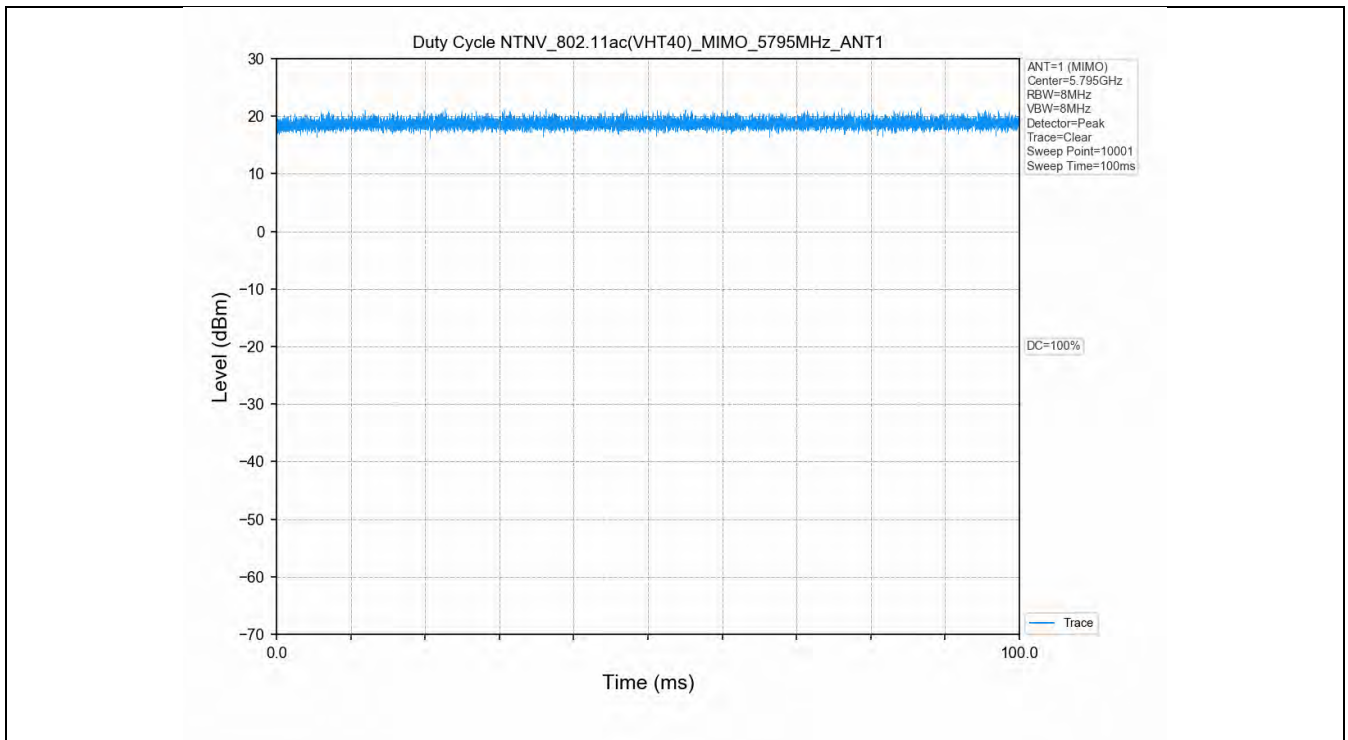
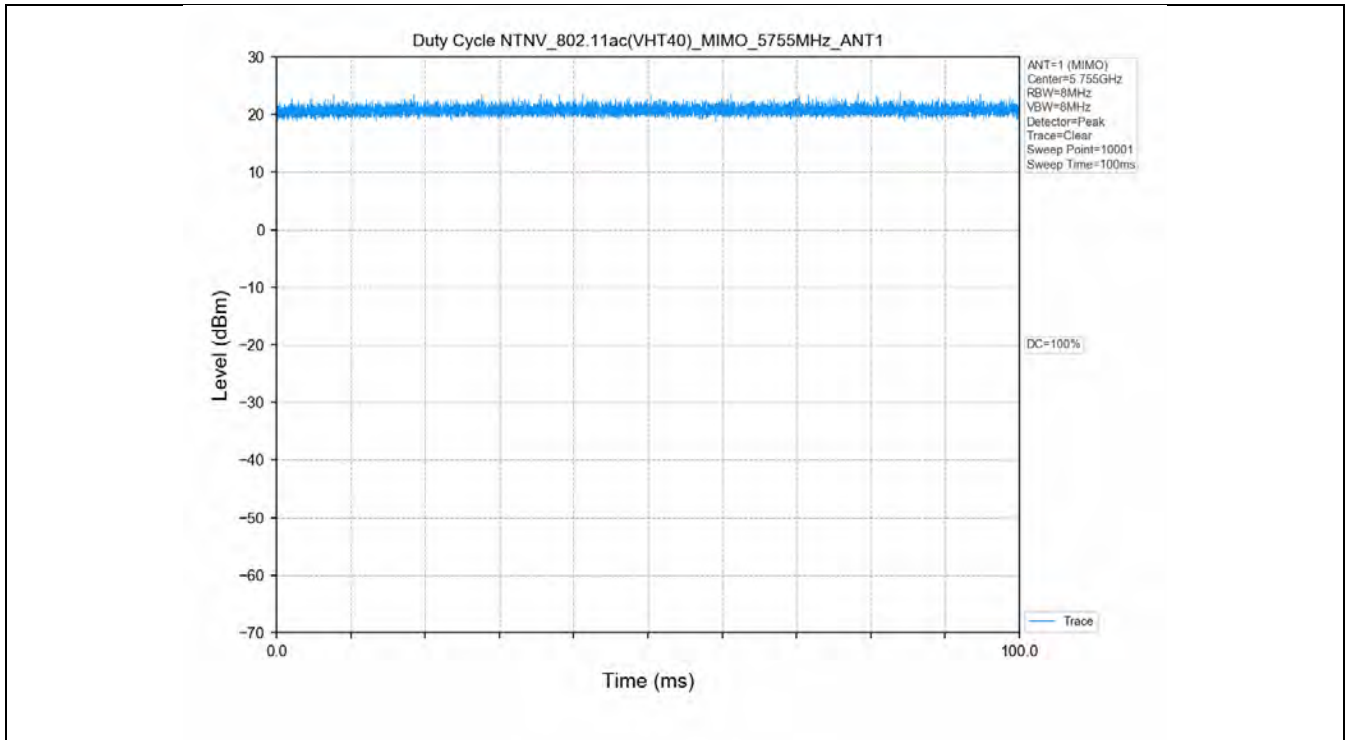


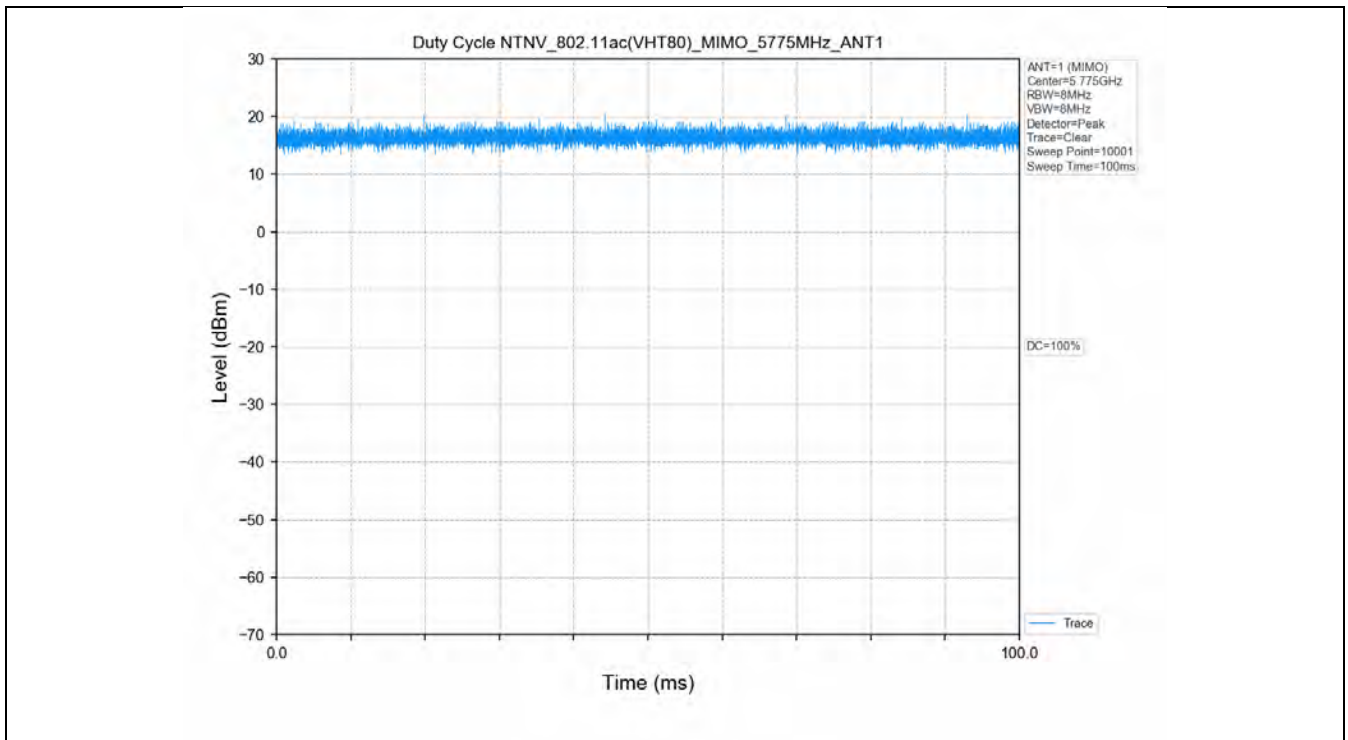
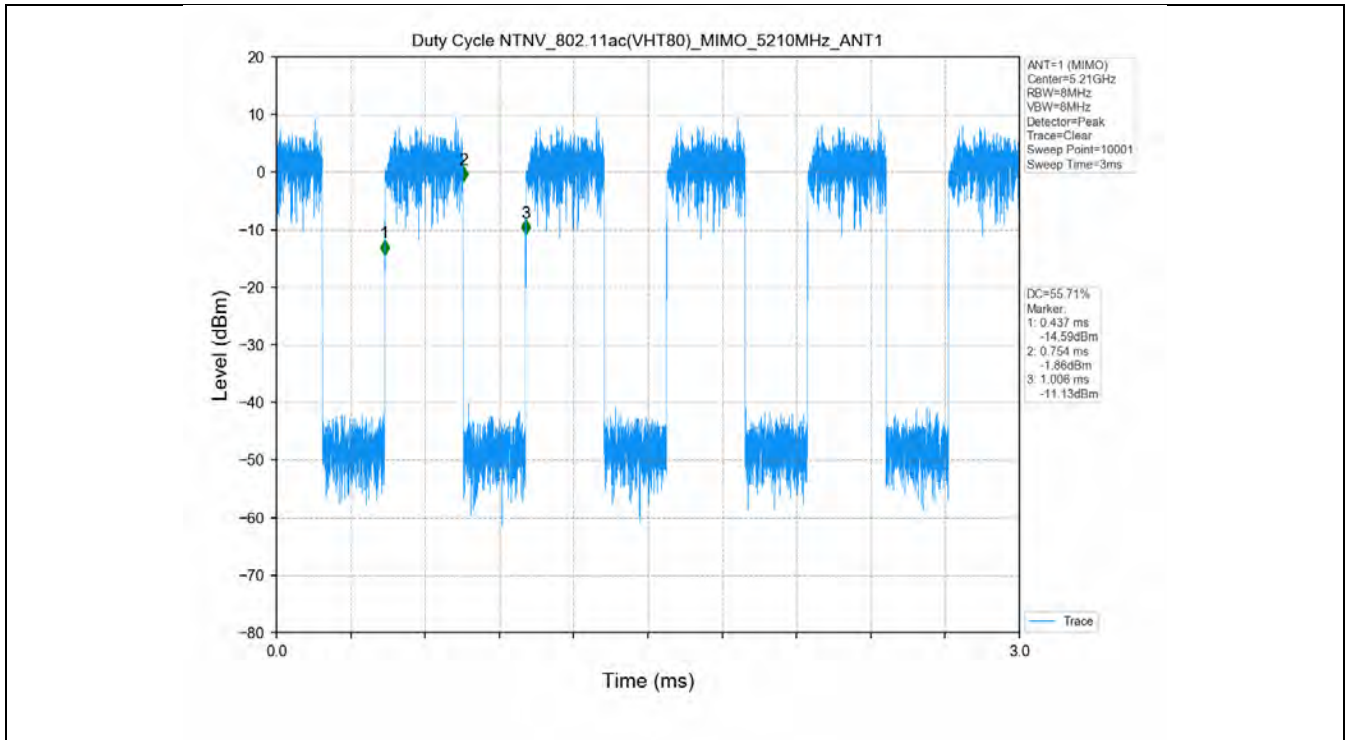














2. Bandwidth

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	18.377	Only for Report Use	PASS
			2	18.379	Only for Report Use	PASS
	5200	SISO	1	18.516	Only for Report Use	PASS
			2	18.409	Only for Report Use	PASS
	5240	SISO	1	18.439	Only for Report Use	PASS
			2	18.394	Only for Report Use	PASS
	5745	SISO	1	17.714	≥0.5	PASS
			2	17.742	≥0.5	PASS
	5785	SISO	1	17.749	≥0.5	PASS
			2	17.739	≥0.5	PASS
	5825	SISO	1	17.739	≥0.5	PASS
			2	17.701	≥0.5	PASS
802.11n(HT20)	5180	MIMO	1	19.348	Only for Report Use	PASS
			2	19.426	Only for Report Use	PASS
	5200	MIMO	1	19.336	Only for Report Use	PASS
			2	19.432	Only for Report Use	PASS
	5240	MIMO	1	19.464	Only for Report Use	PASS
			2	19.257	Only for Report Use	PASS
	5745	MIMO	1	17.740	≥0.5	PASS
			2	17.748	≥0.5	PASS
	5785	MIMO	1	17.734	≥0.5	PASS
			2	17.729	≥0.5	PASS
	5825	MIMO	1	17.738	≥0.5	PASS
			2	17.714	≥0.5	PASS
802.11n(HT40)	5190	MIMO	1	41.013	Only for Report Use	PASS
			2	41.297	Only for Report Use	PASS
	5230	MIMO	1	41.324	Only for Report Use	PASS
			2	41.005	Only for Report Use	PASS
	5755	MIMO	1	36.505	≥0.5	PASS
			2	36.517	≥0.5	PASS
	5795	MIMO	1	36.506	≥0.5	PASS
			2	36.529	≥0.5	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
	5745	MIMO	1	17.796	≥0.5	PASS
			2	17.689	≥0.5	PASS
	5785	MIMO	1	17.733	≥0.5	PASS
			2	17.710	≥0.5	PASS
	5825	MIMO	1	17.704	≥0.5	PASS
			2	17.686	≥0.5	PASS
802.11ac(VHT40)	5190	MIMO	1	84.437	Only for Report Use	PASS
			2	84.053	Only for Report Use	PASS
	5230	MIMO	1	41.417	Only for Report Use	PASS
			2	40.786	Only for Report Use	PASS
	5755	MIMO	1	36.504	≥0.5	PASS



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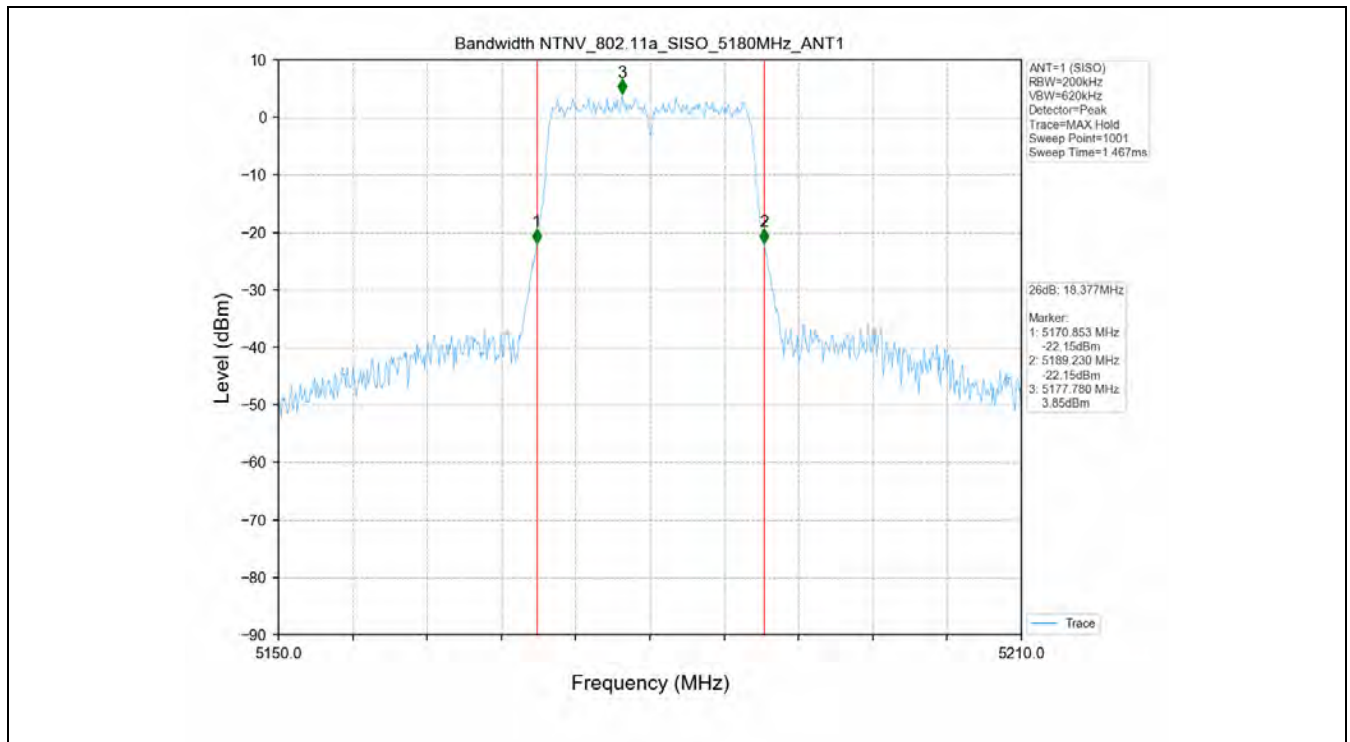
802.11ac(VHT80)	5795	MIMO	2	36.520	≥0.5	PASS
			1	36.531	≥0.5	PASS
			2	36.542	≥0.5	PASS
	5210	MIMO	1	81.620	Only for Report Use	PASS
			2	81.071	Only for Report Use	PASS
	5775	MIMO	1	76.414	≥0.5	PASS
2			75.678	≥0.5	PASS	

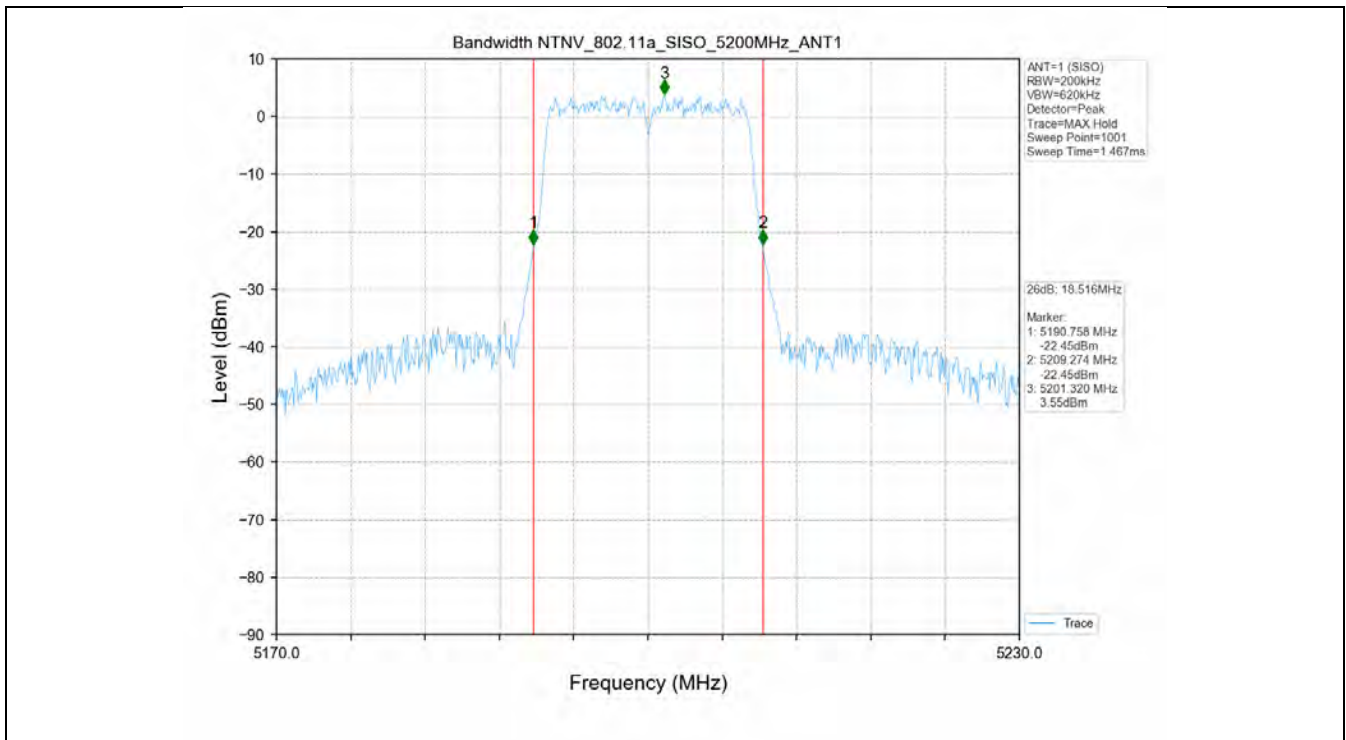
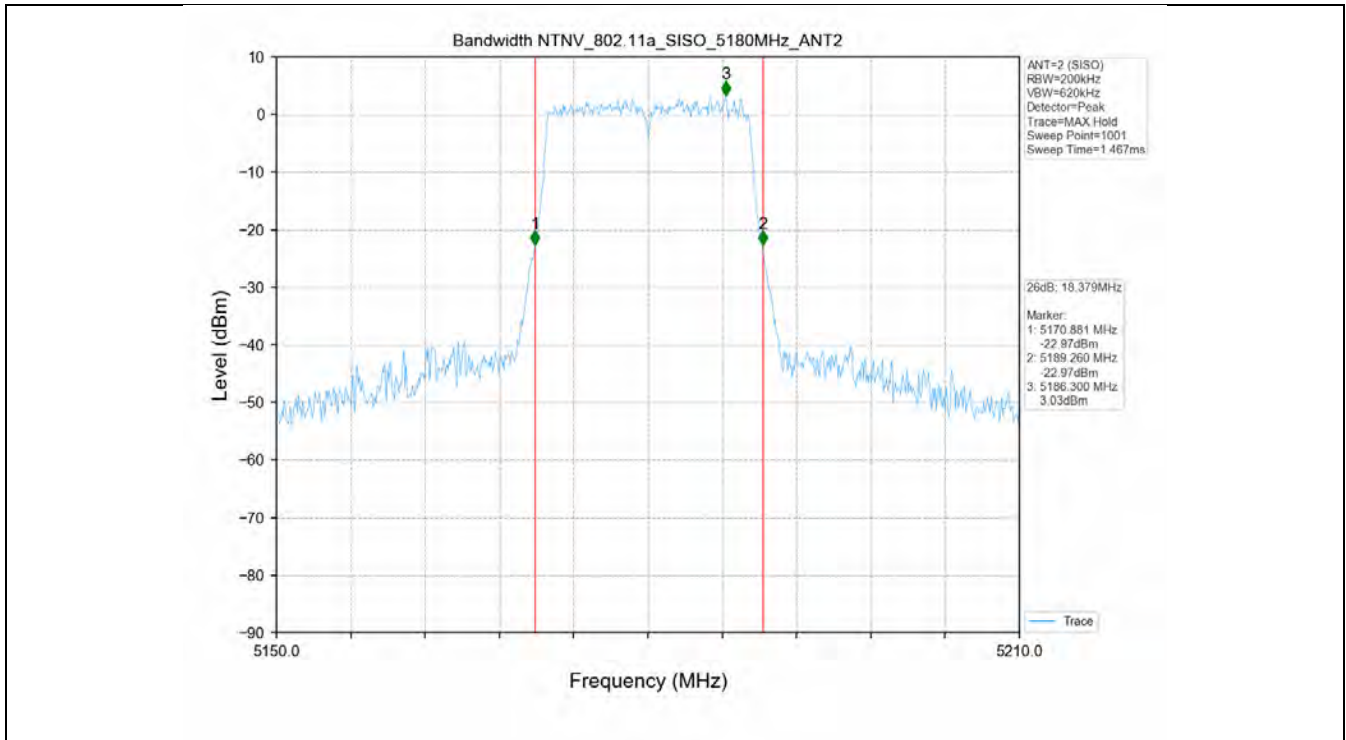
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth		
				Test Result (MHz)		
802.11a	5180	SISO	1	16.421	Only for Report Use	
			2	16.442	Only for Report Use	
	5200	SISO	1	16.441	Only for Report Use	
			2	16.415	Only for Report Use	
	5240	SISO	1	16.466	Only for Report Use	
			2	16.448	Only for Report Use	
	5745	SISO	1	28.572	Only for Report Use	
			2	17.694	Only for Report Use	
	5785	SISO	1	28.117	Only for Report Use	
			2	17.668	Only for Report Use	
	5825	SISO	1	24.888	Only for Report Use	
			2	17.650	Only for Report Use	
	802.11n(HT20)	5180	MIMO	1	17.618	Only for Report Use
				2	17.601	Only for Report Use
5200		MIMO	1	17.608	Only for Report Use	
			2	17.612	Only for Report Use	
5240		MIMO	1	17.611	Only for Report Use	
			2	17.615	Only for Report Use	
5745		MIMO	1	29.877	Only for Report Use	
			2	17.708	Only for Report Use	
5785		MIMO	1	28.533	Only for Report Use	
			2	17.662	Only for Report Use	
5825		MIMO	1	25.792	Only for Report Use	
			2	17.643	Only for Report Use	
802.11n(HT40)		5190	MIMO	1	36.292	Only for Report Use
				2	36.610	Only for Report Use
	5230	MIMO	1	36.292	Only for Report Use	
			2	36.412	Only for Report Use	
	5755	MIMO	1	53.327	Only for Report Use	
			2	36.463	Only for Report Use	
	5795	MIMO	1	51.792	Only for Report Use	
			2	36.593	Only for Report Use	
802.11ac(VHT20)	5180	MIMO	1	17.598	Only for Report Use	
			2	17.765	Only for Report Use	
	5200	MIMO	1	17.613	Only for Report Use	
			2	17.756	Only for Report Use	
	5240	MIMO	1	17.615	Only for Report Use	
			2	17.745	Only for Report Use	
	5745	MIMO	1	17.709	Only for Report Use	
			2	17.670	Only for Report Use	
	5785	MIMO	1	17.684	Only for Report Use	
			2	17.655	Only for Report Use	

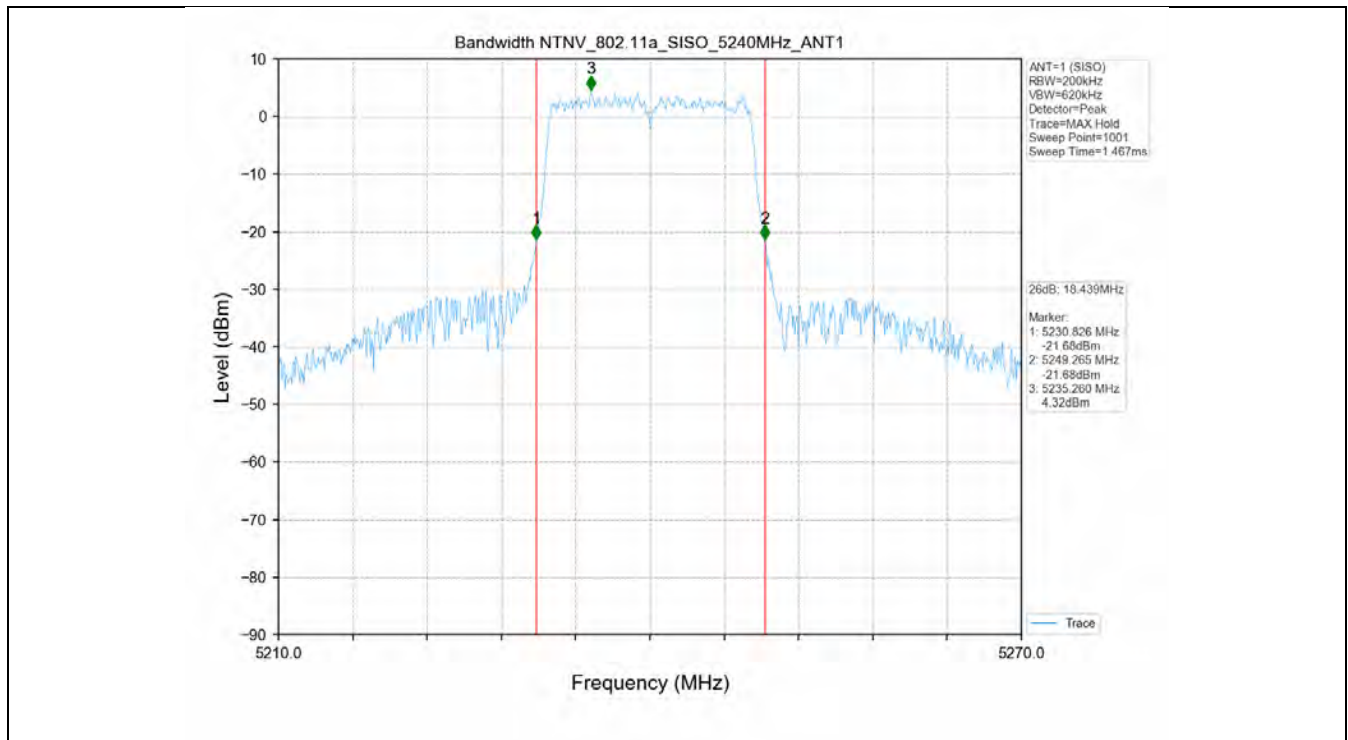
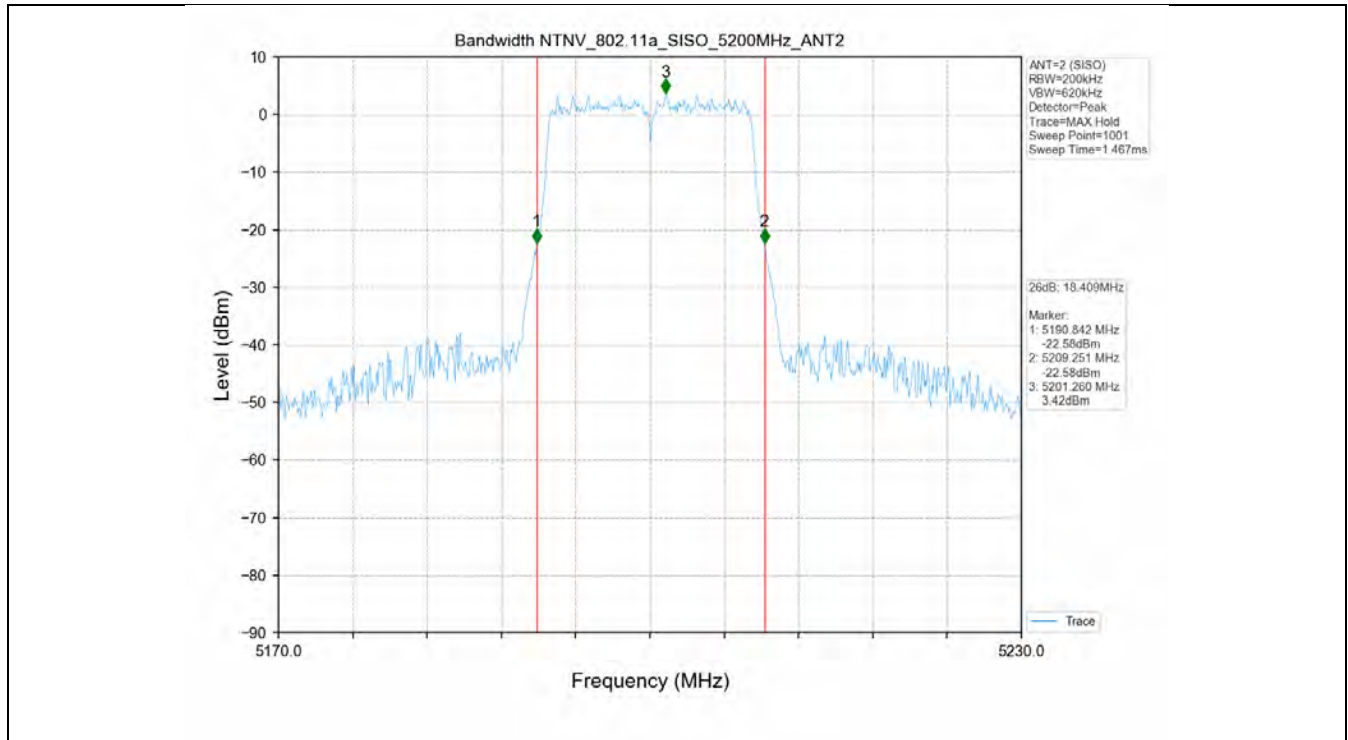


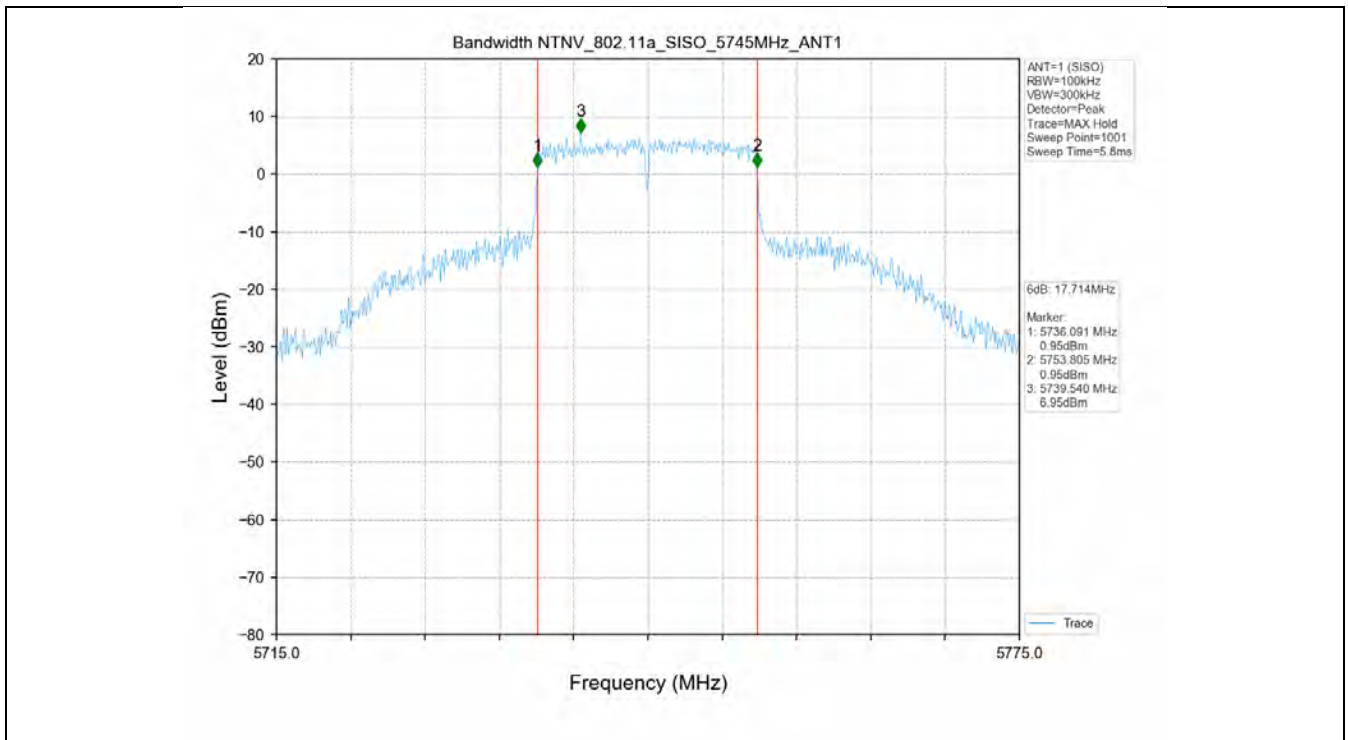
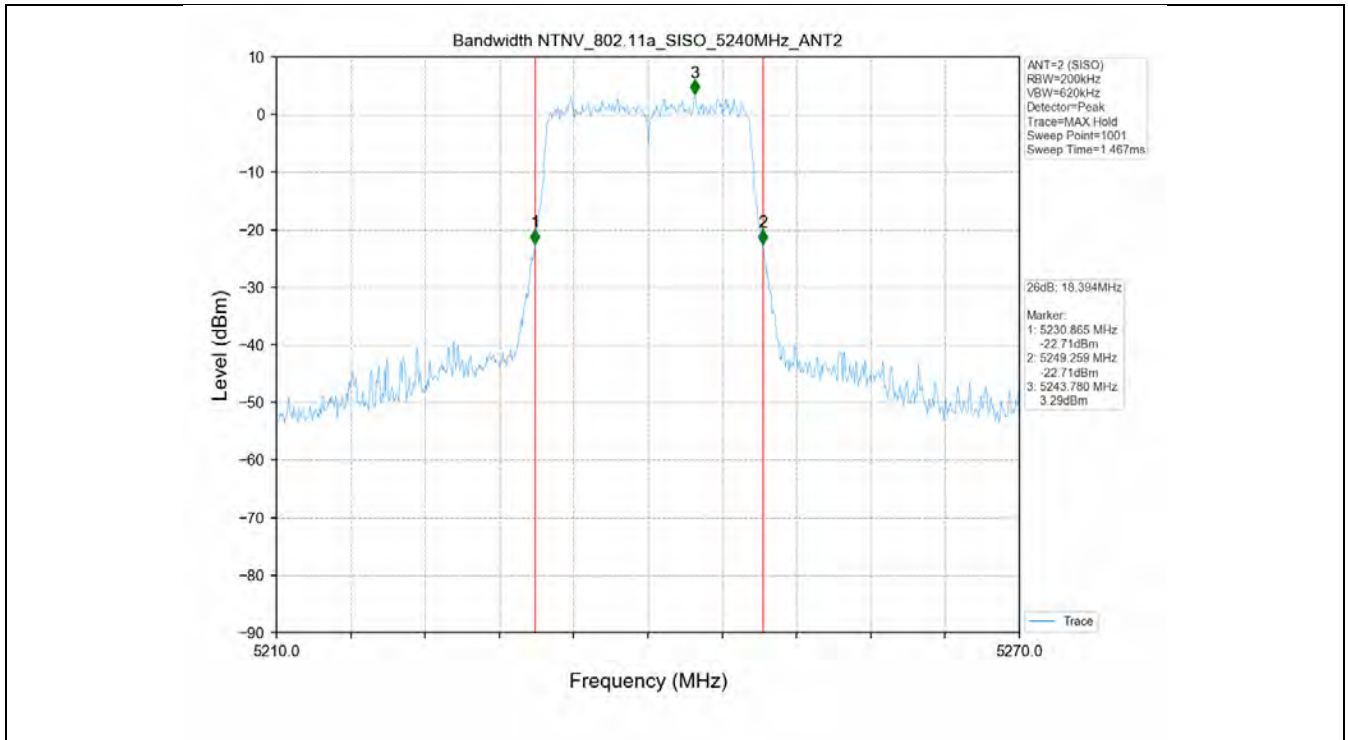
	5825	MIMO	1	17.639	Only for Report Use
			2	17.626	Only for Report Use
802.11ac(VHT40)	5190	MIMO	1	45.102	Only for Report Use
			2	44.797	Only for Report Use
	5230	MIMO	1	36.411	Only for Report Use
			2	36.663	Only for Report Use
	5755	MIMO	1	58.913	Only for Report Use
			2	36.683	Only for Report Use
5795	MIMO	1	40.481	Only for Report Use	
		2	36.555	Only for Report Use	
802.11ac(VHT80)	5210	MIMO	1	75.286	Only for Report Use
			2	75.173	Only for Report Use
	5775	MIMO	1	103.705	Only for Report Use
			2	75.224	Only for Report Use

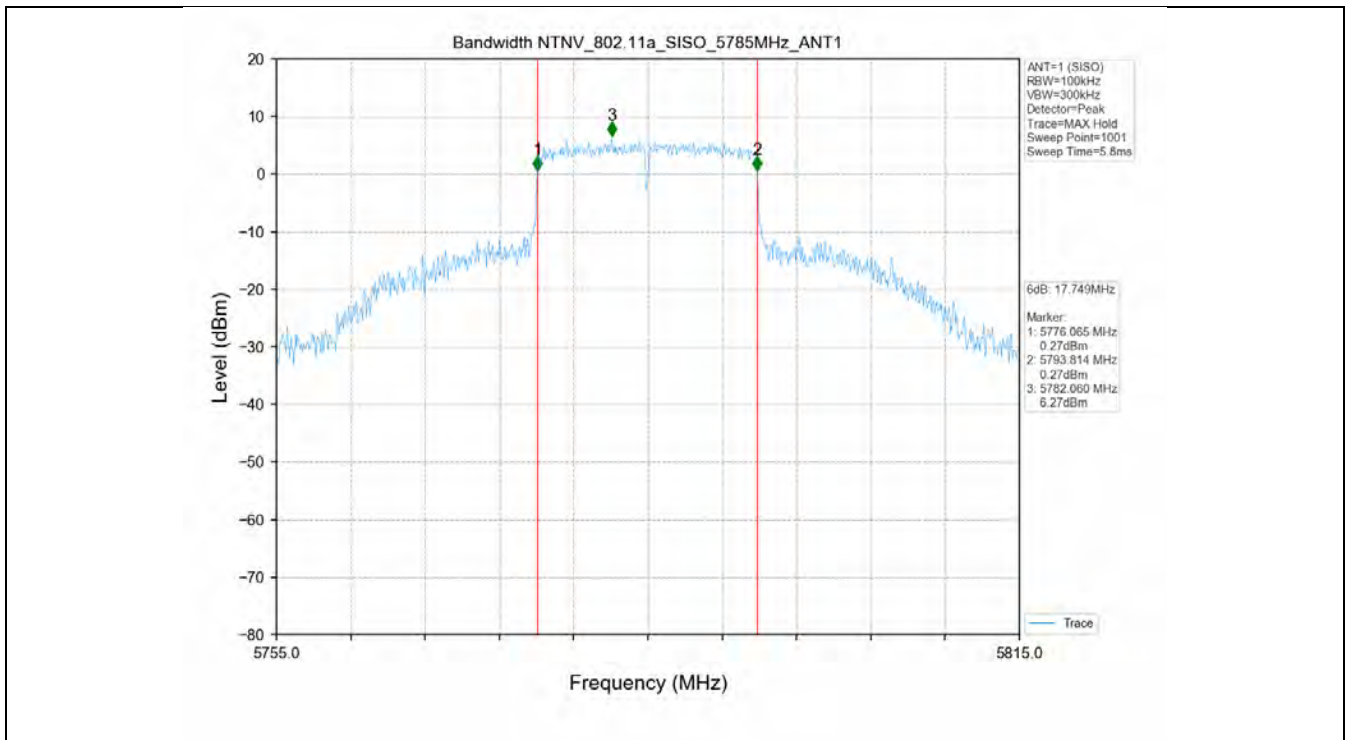
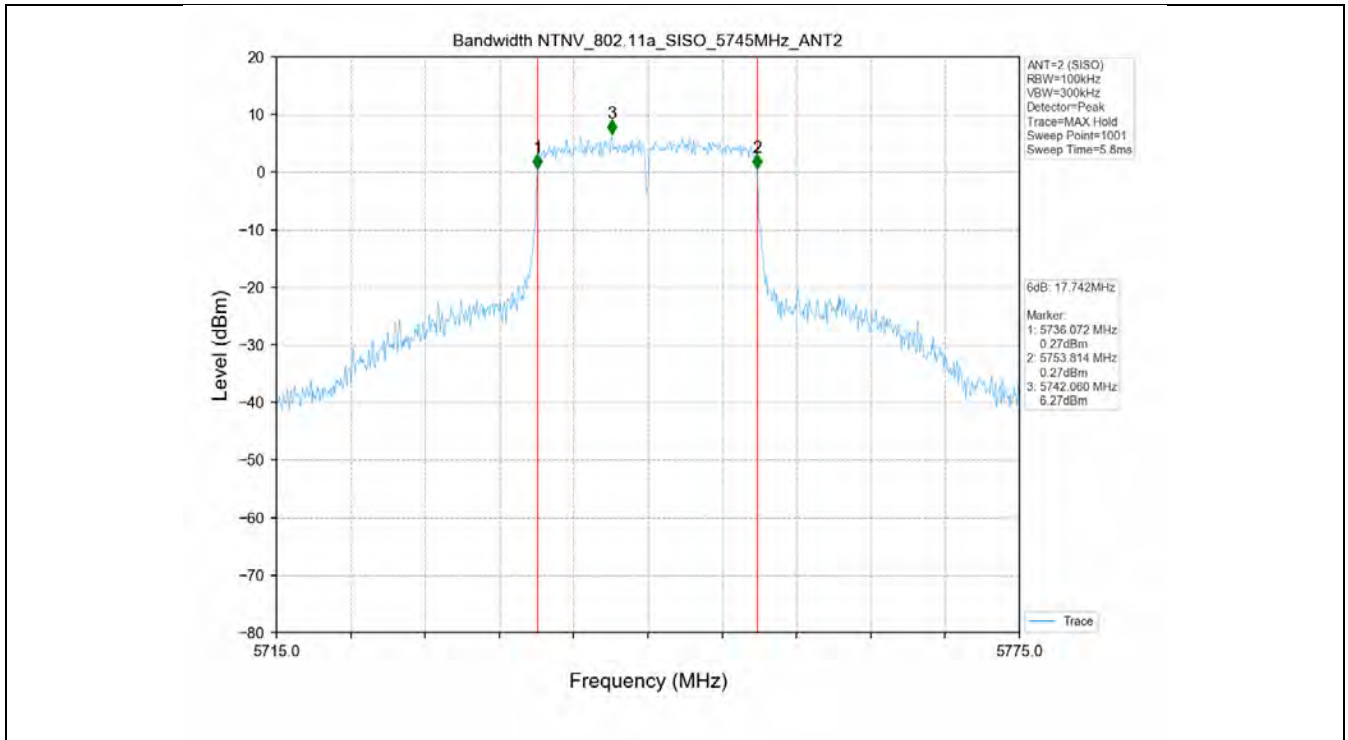
2.2 Test Graph - Emission Bandwidth

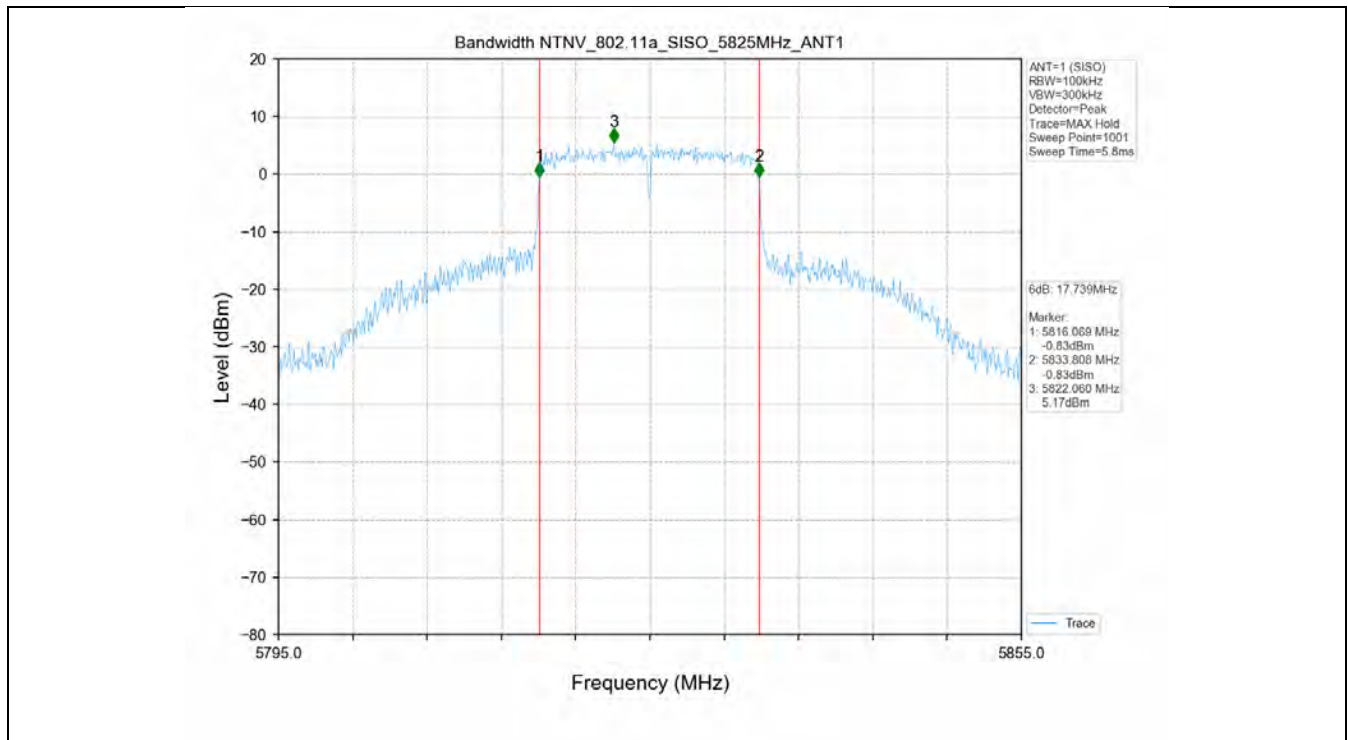
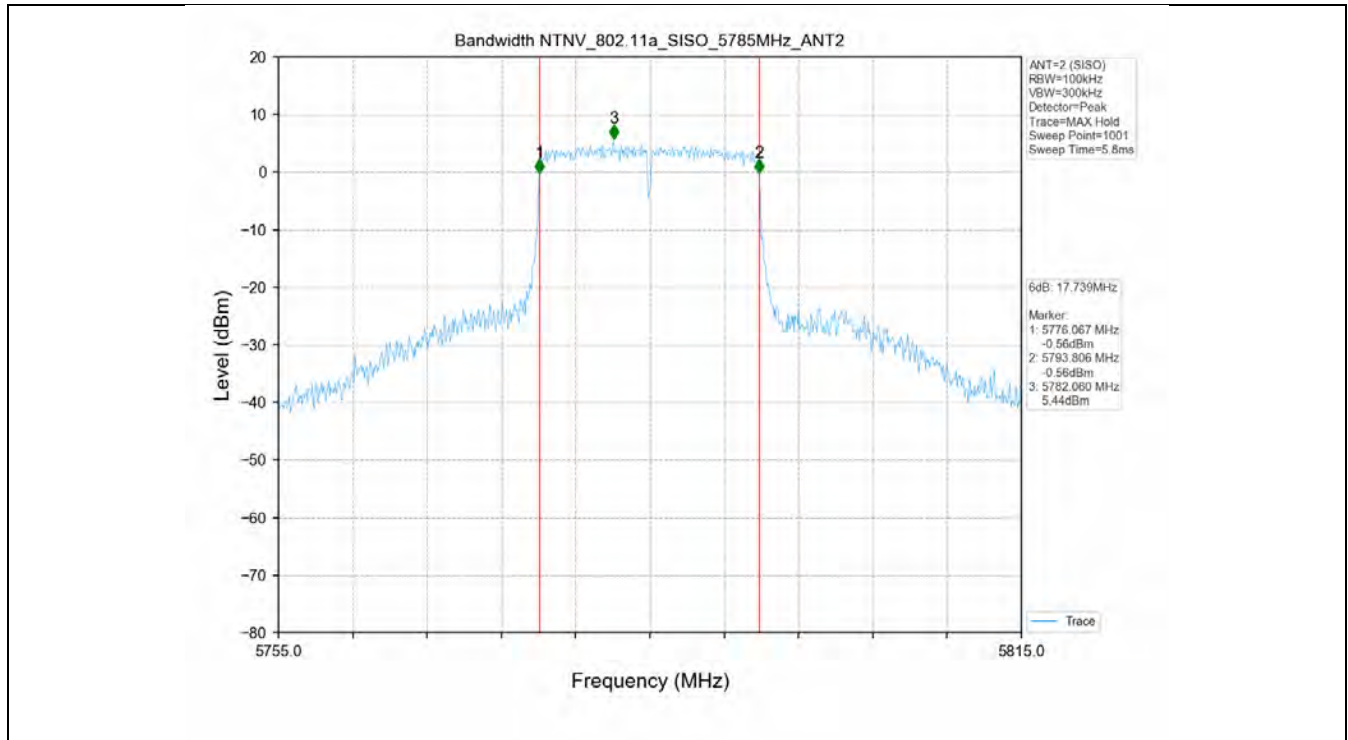


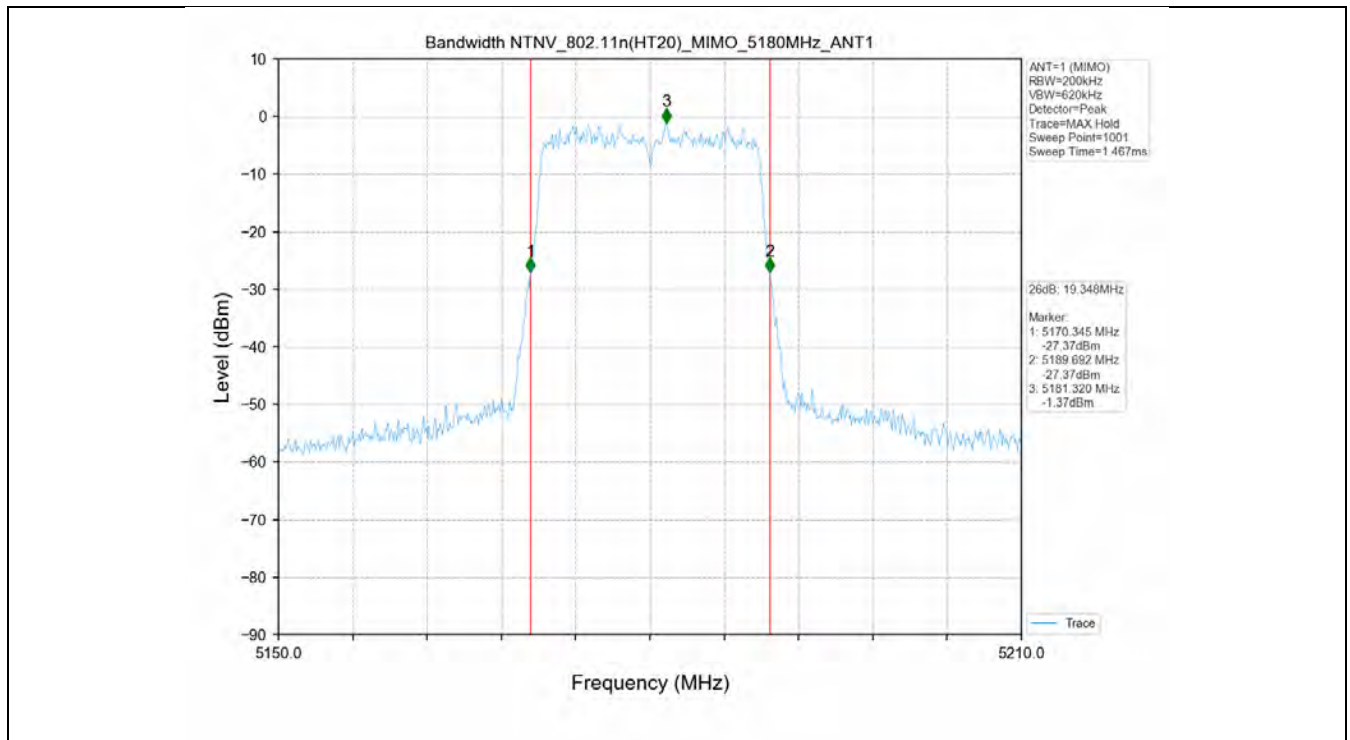
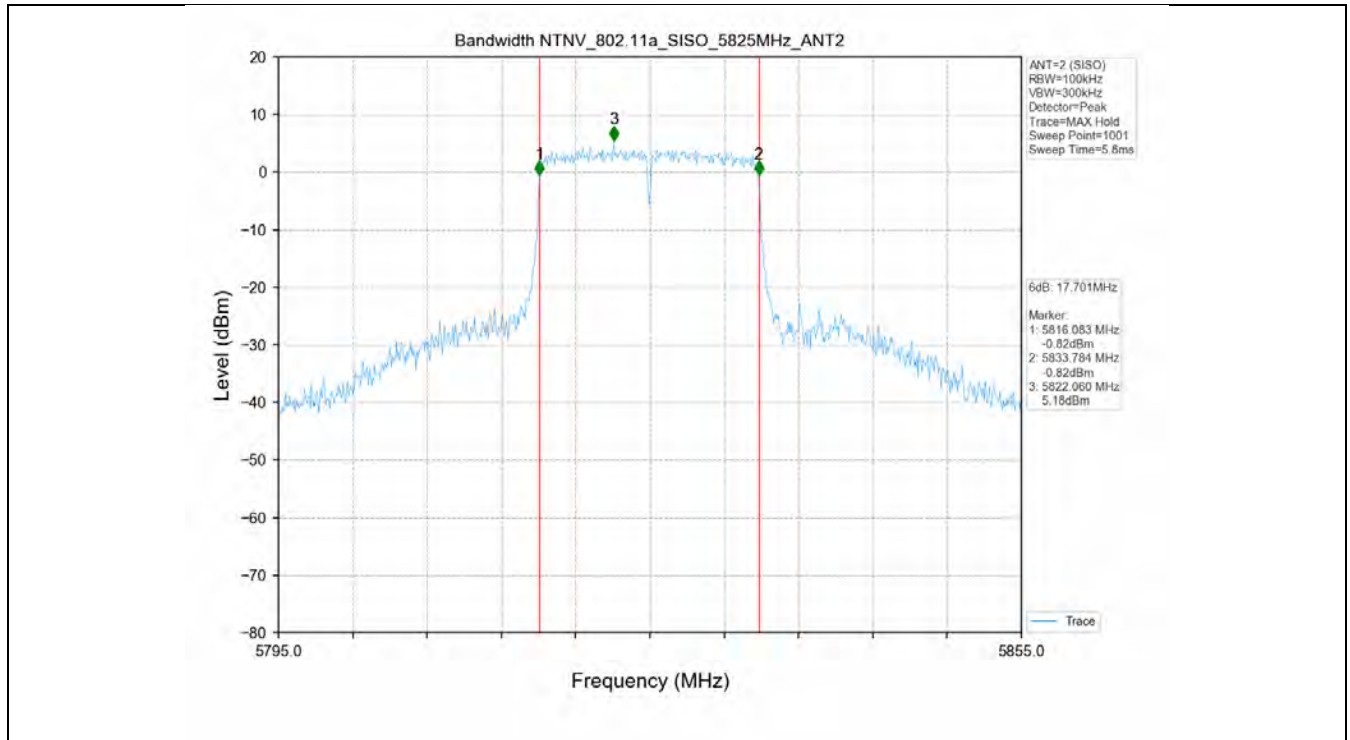


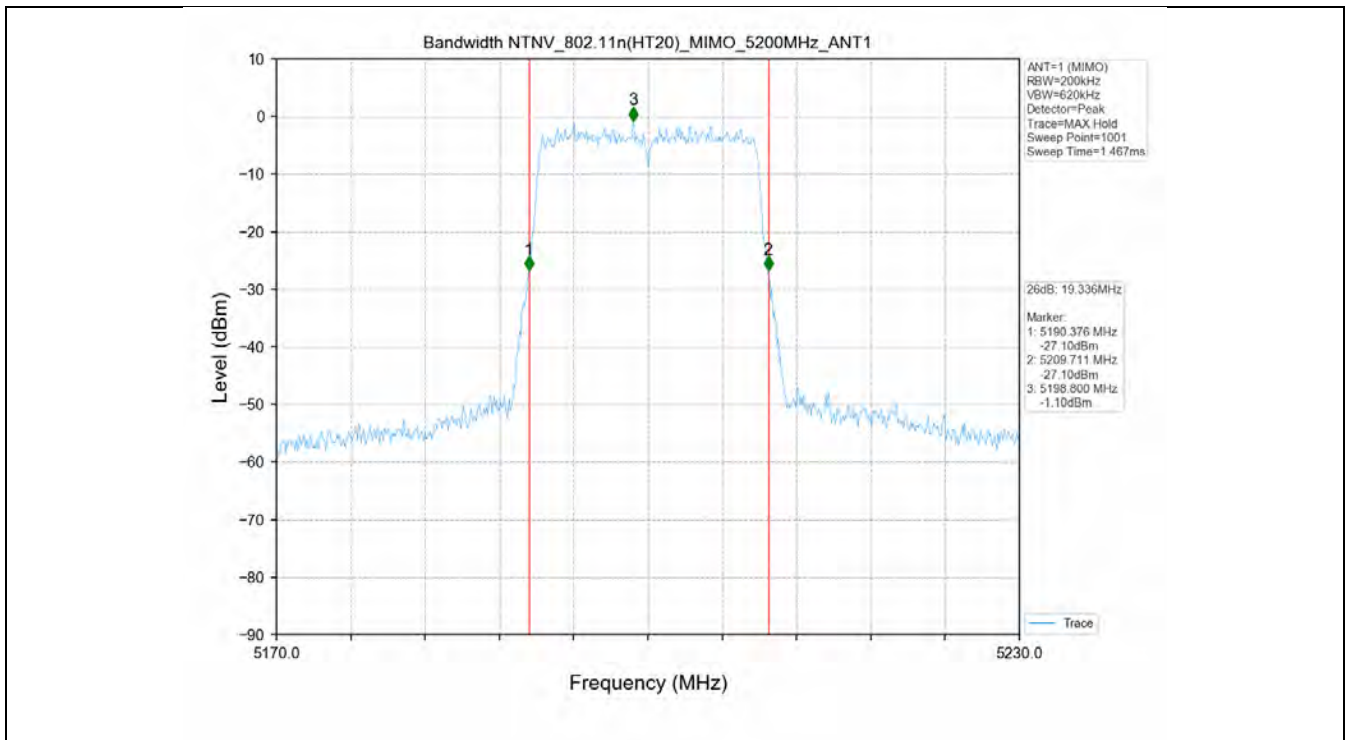
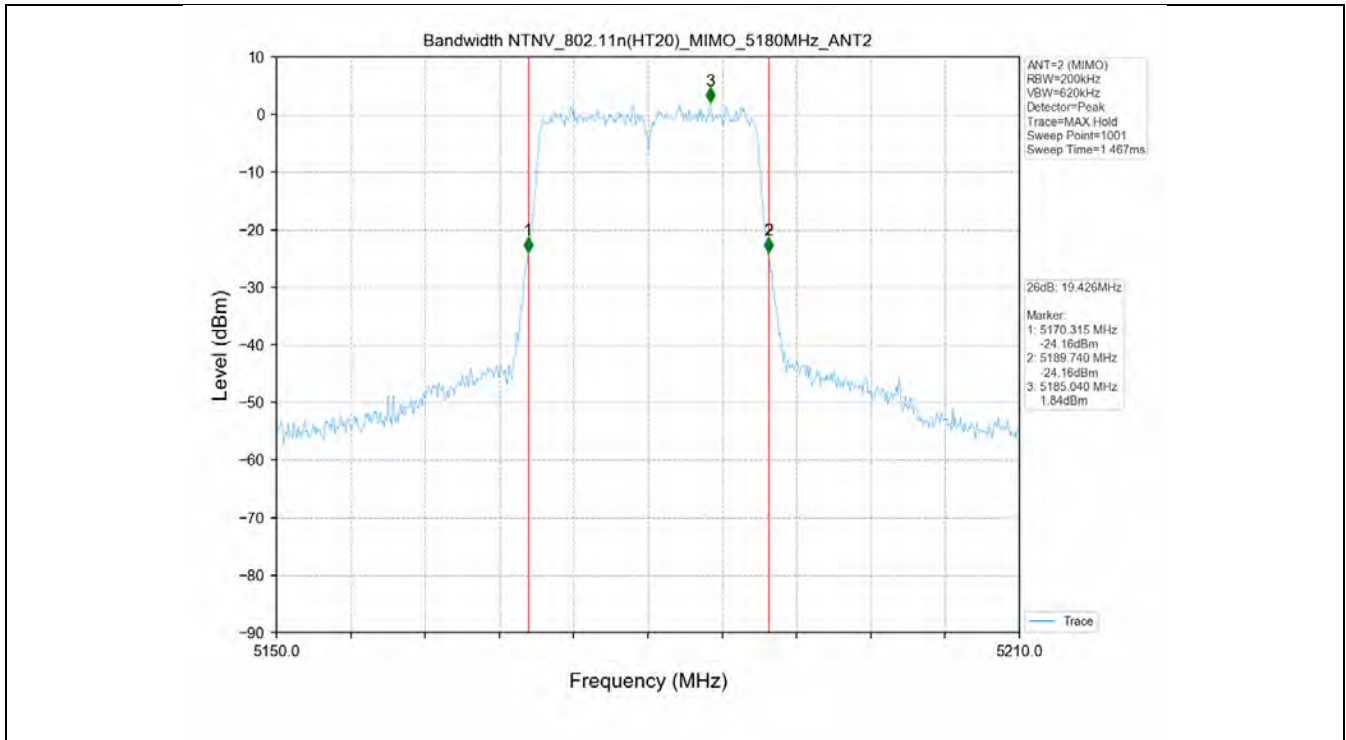


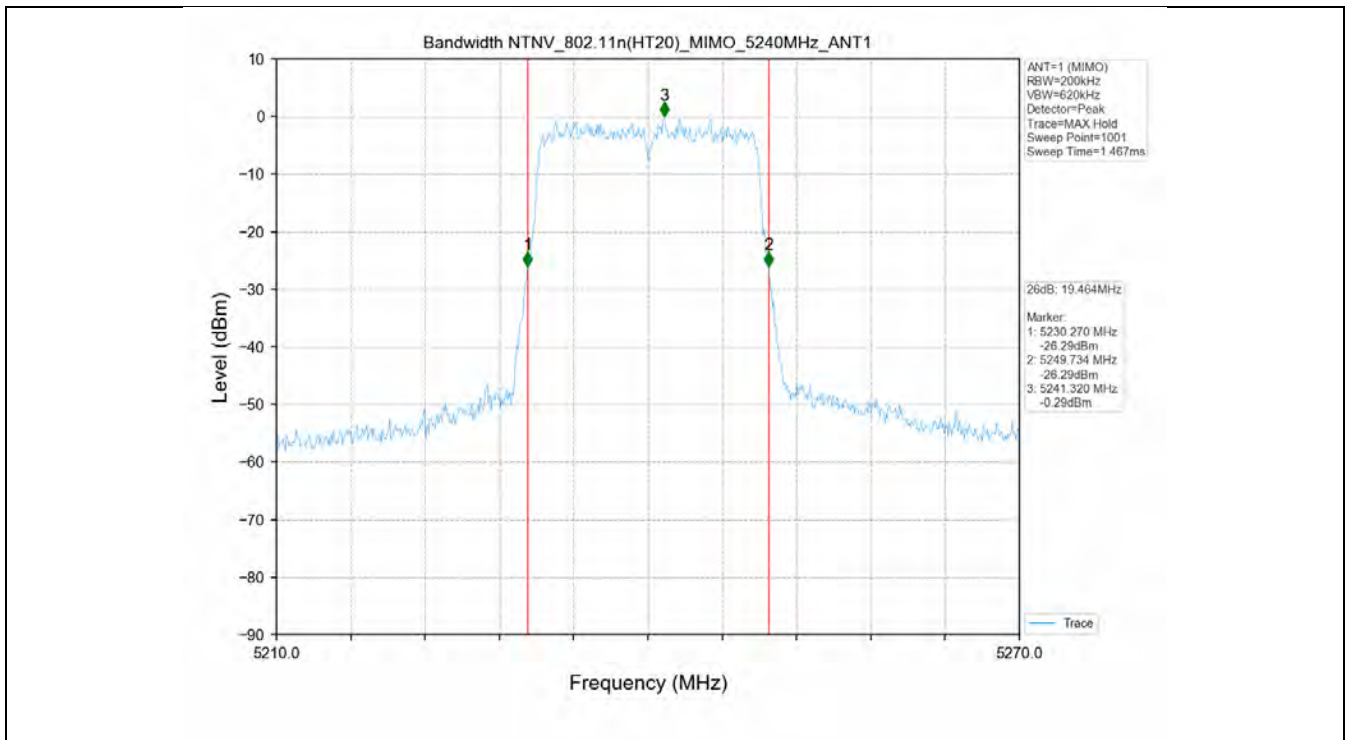
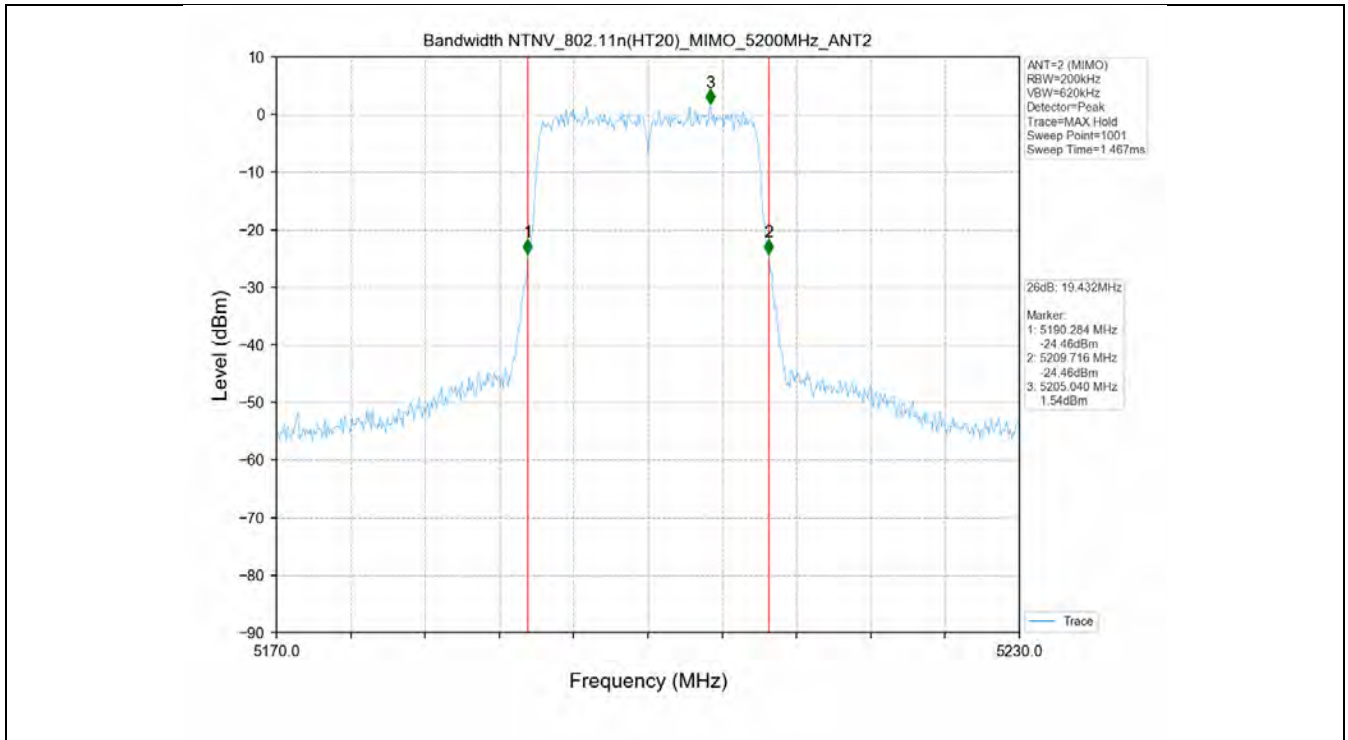


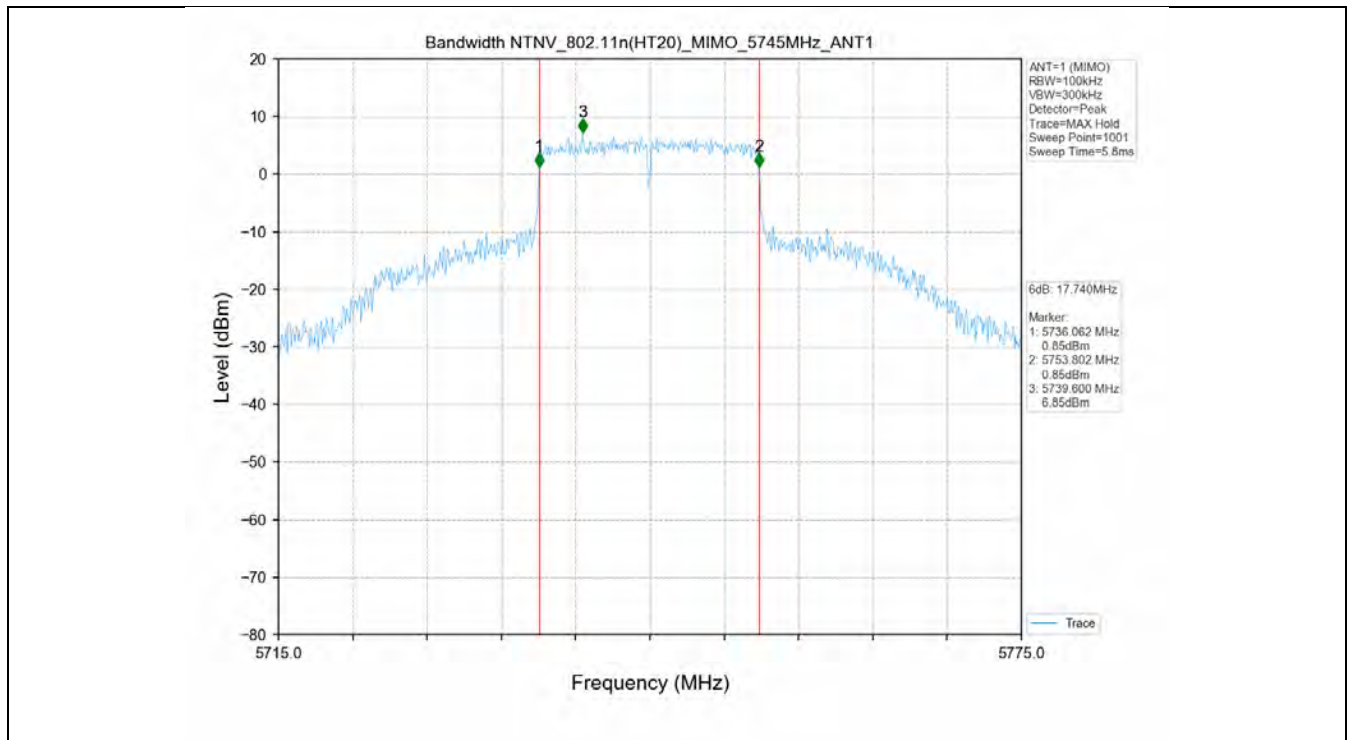
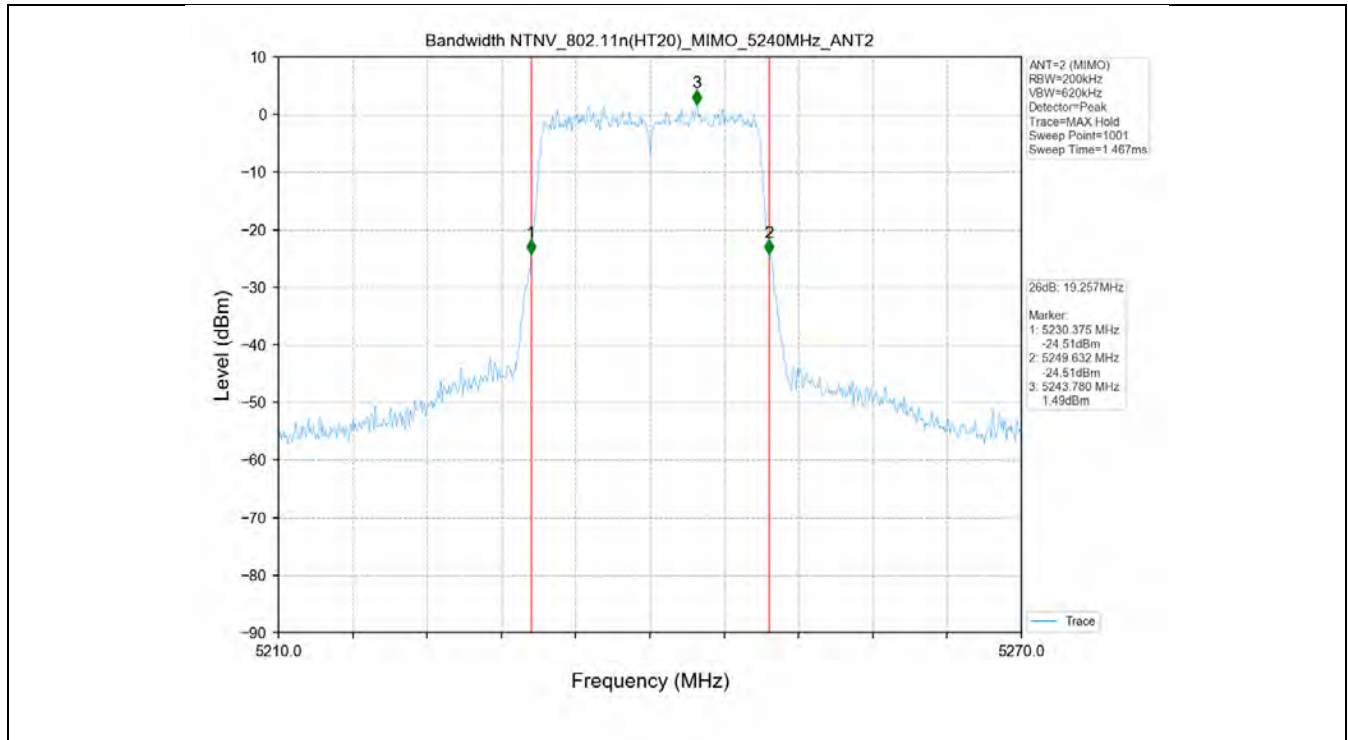


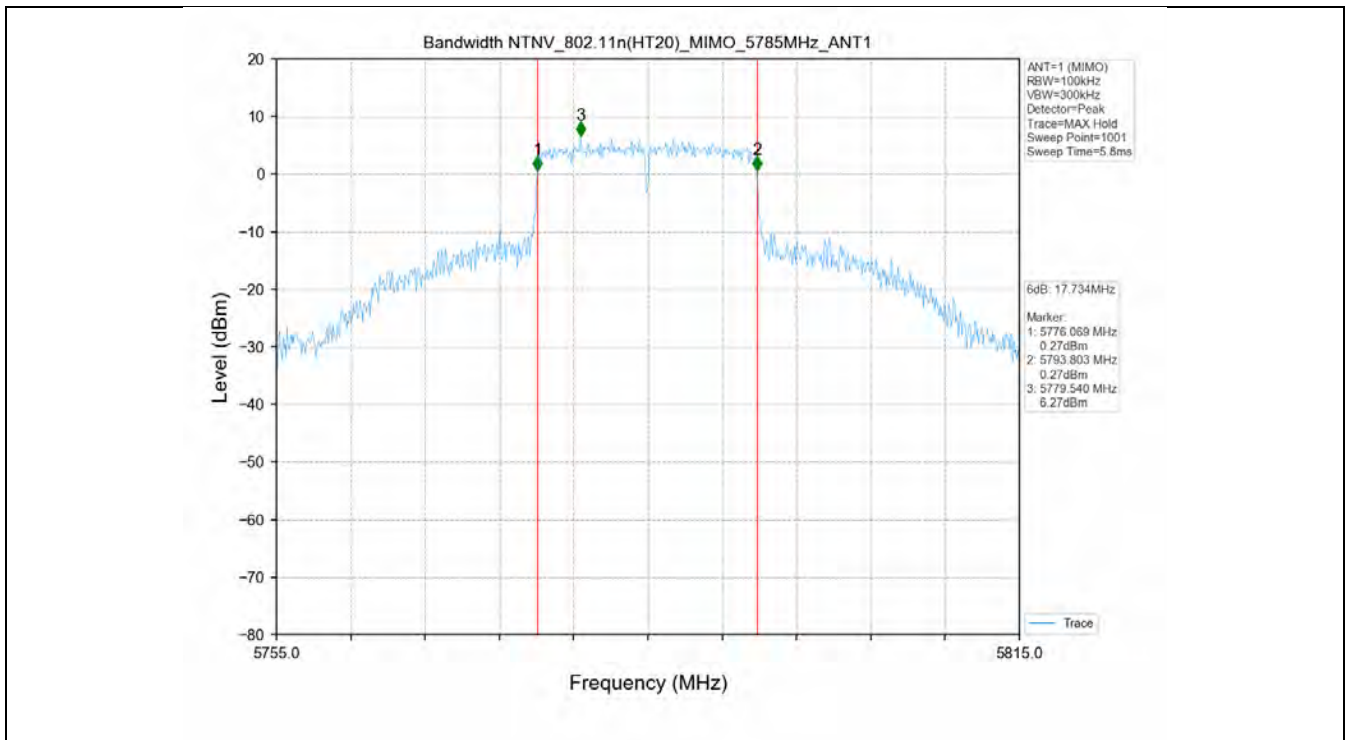
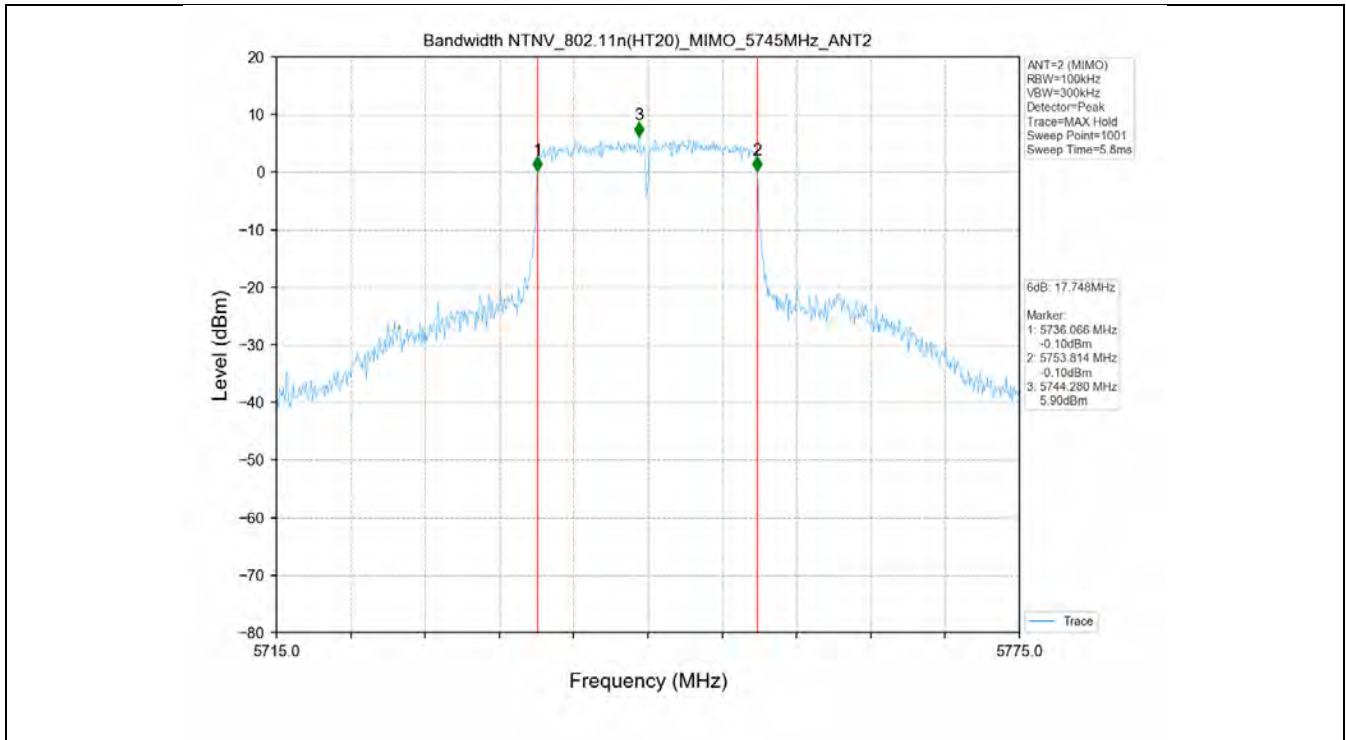


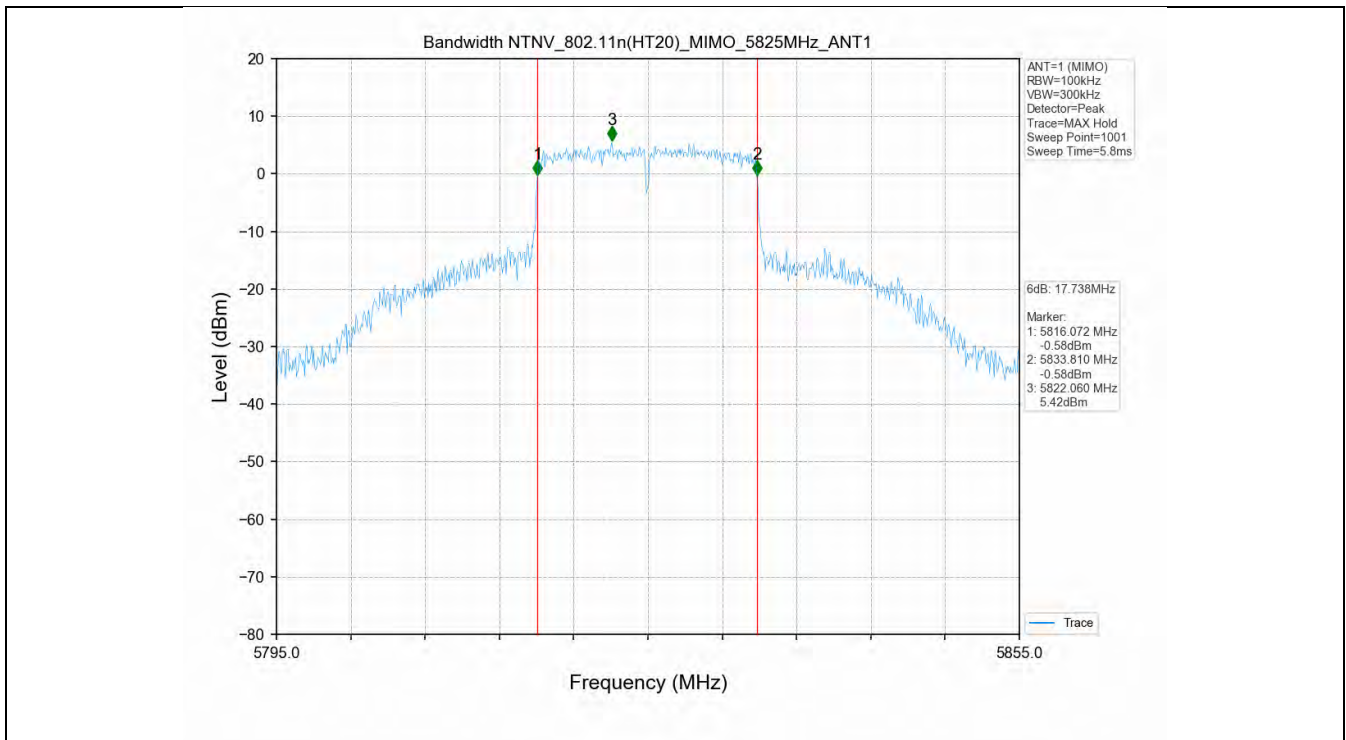
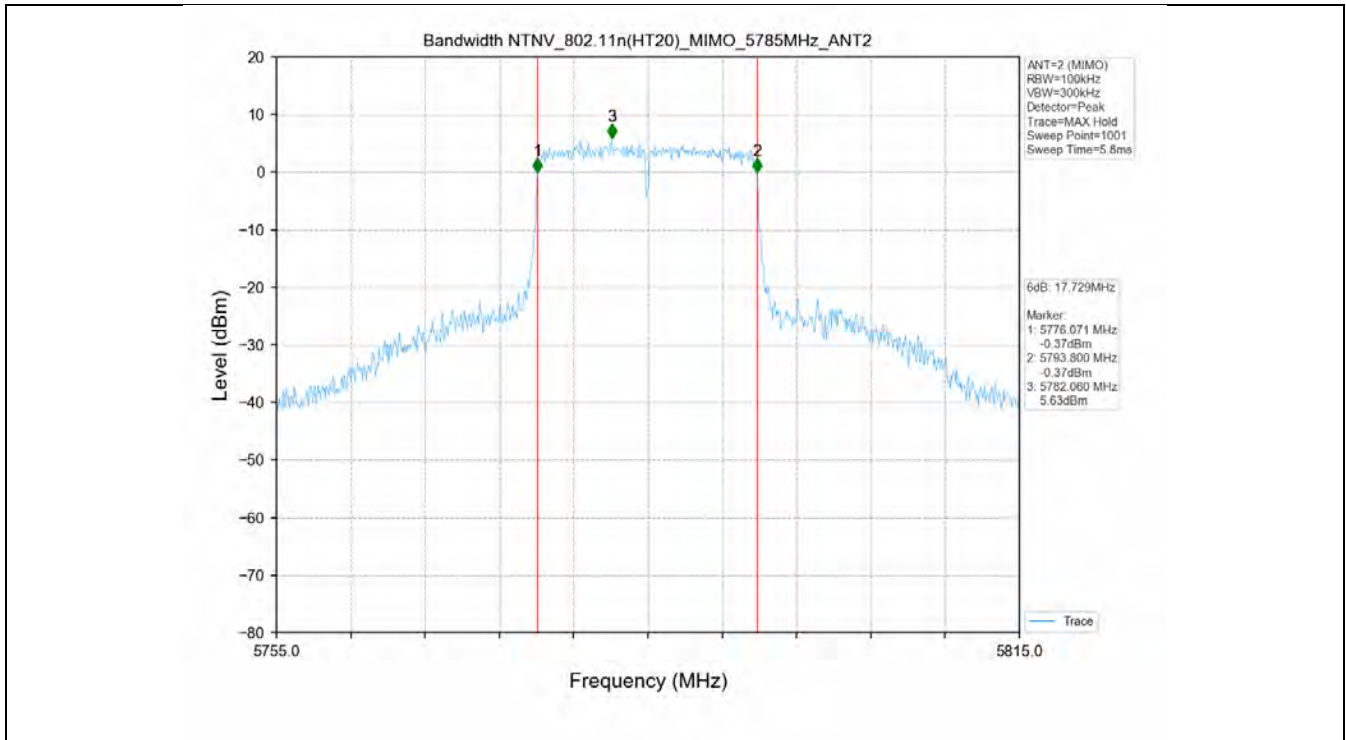


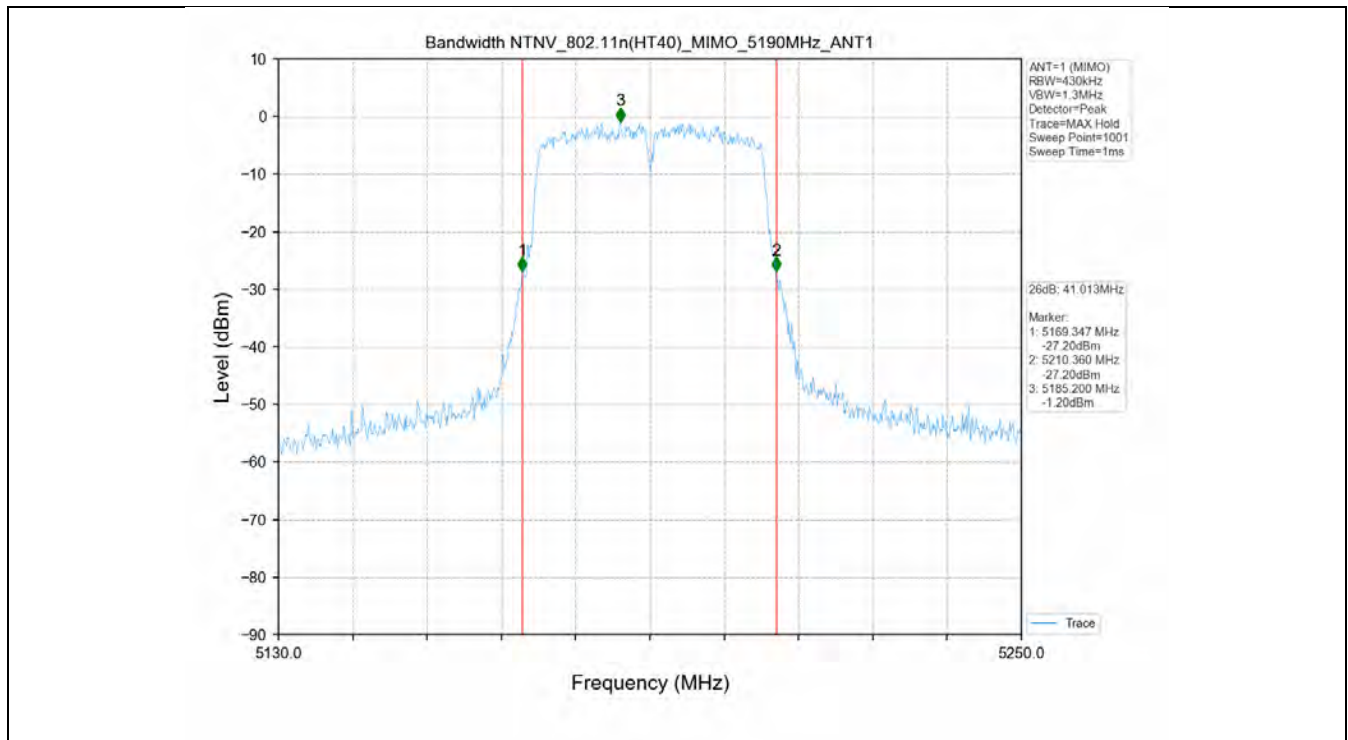
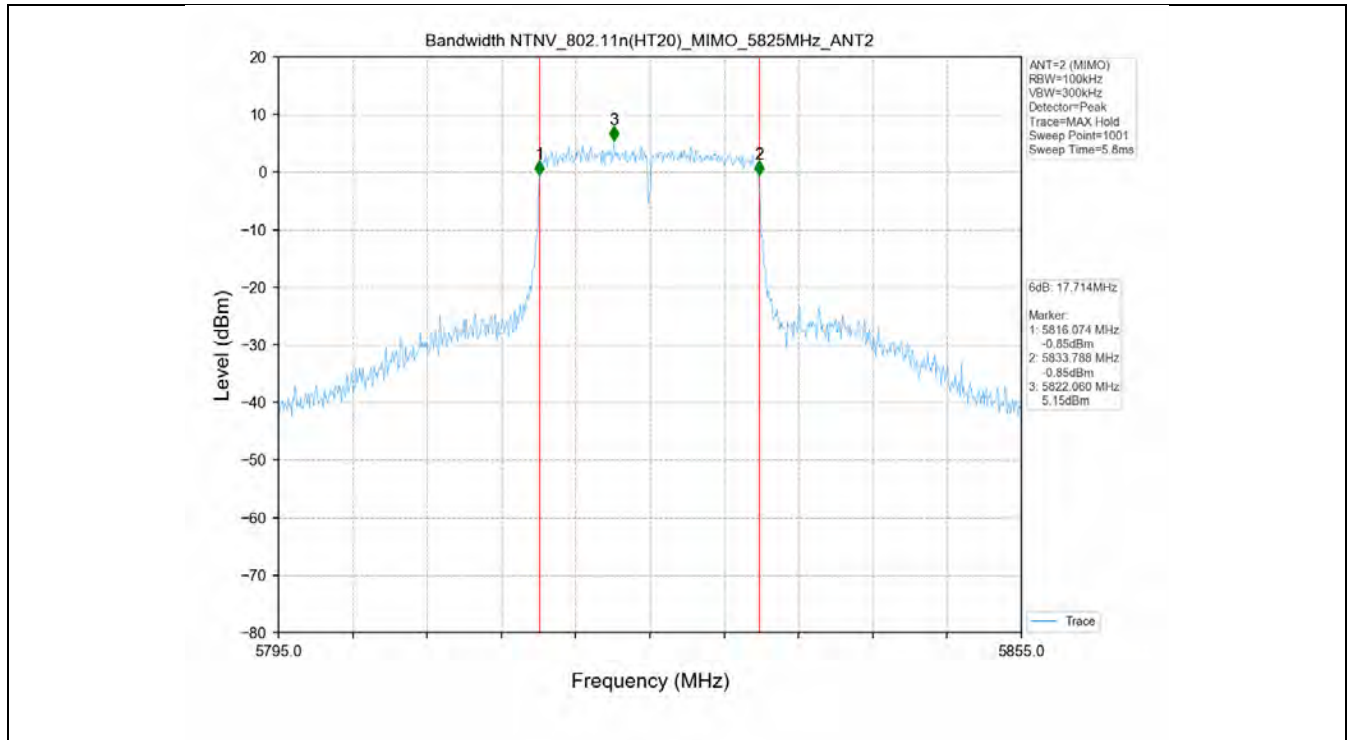


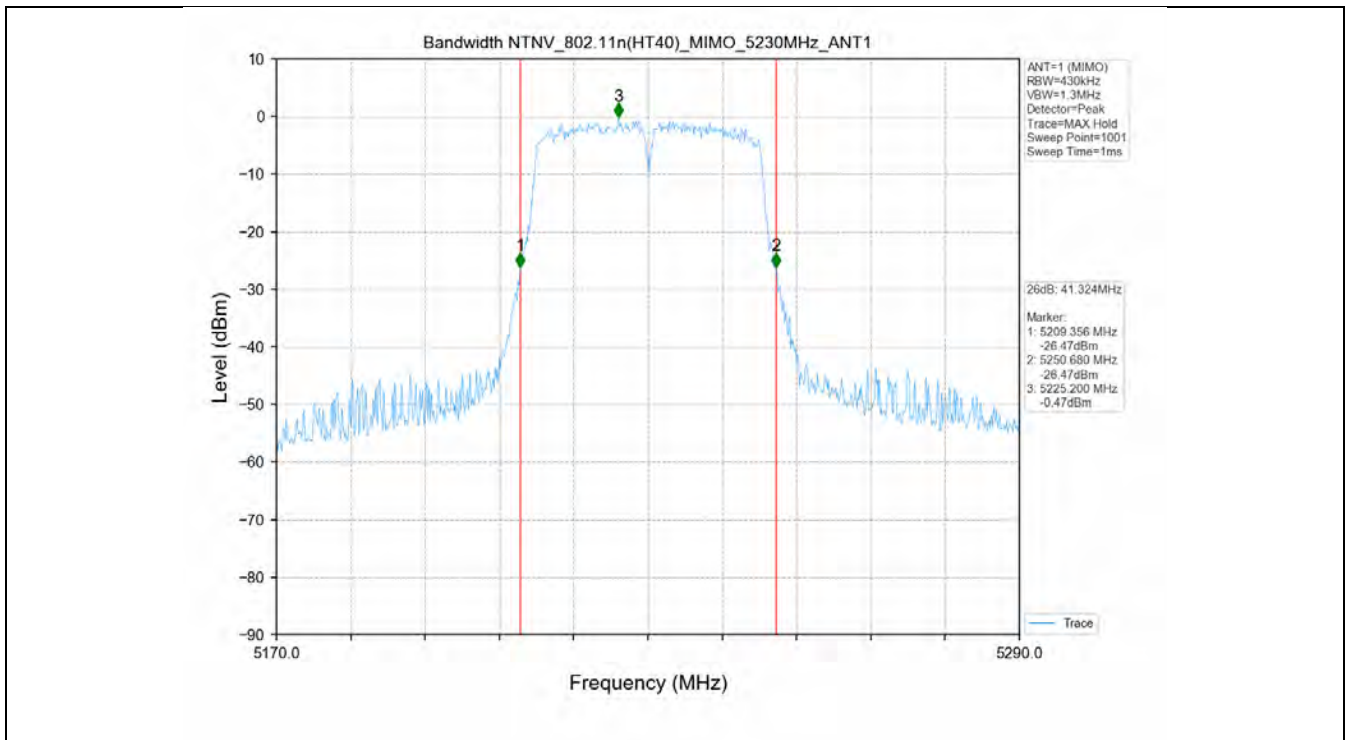
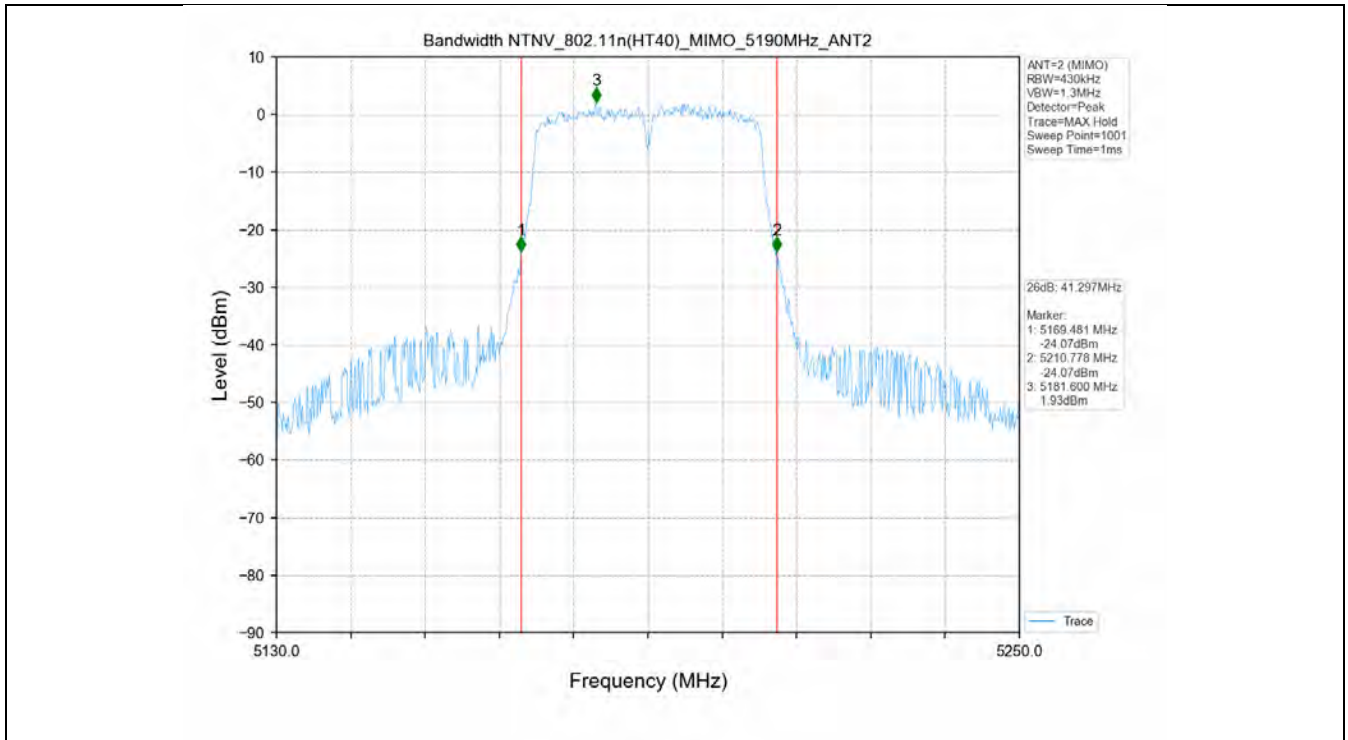


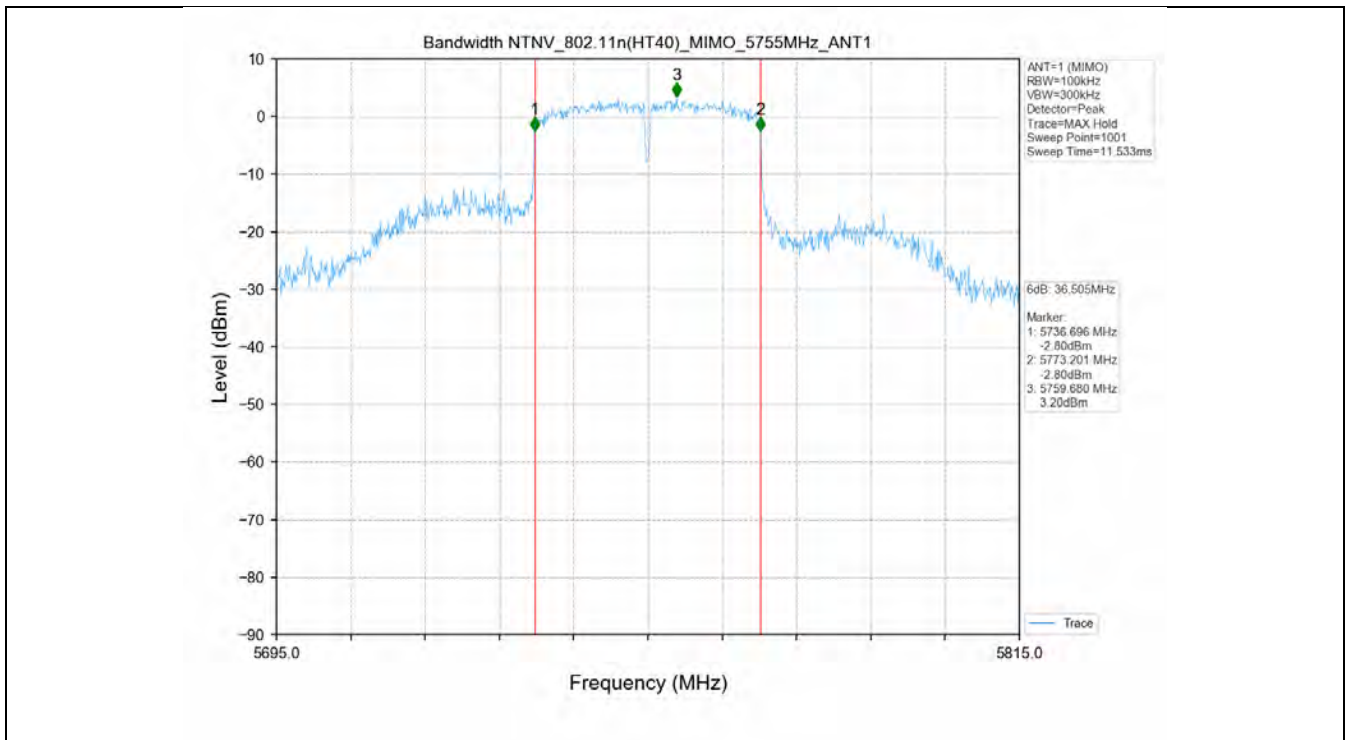
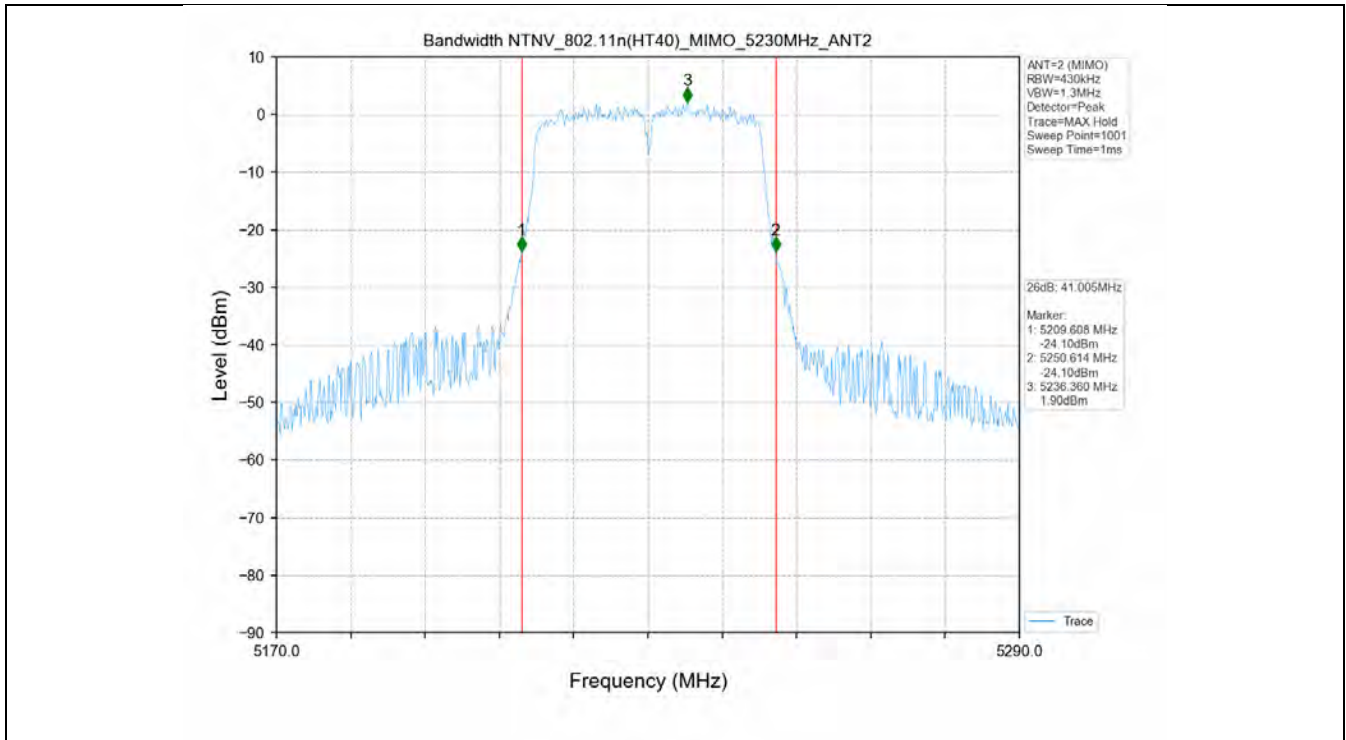


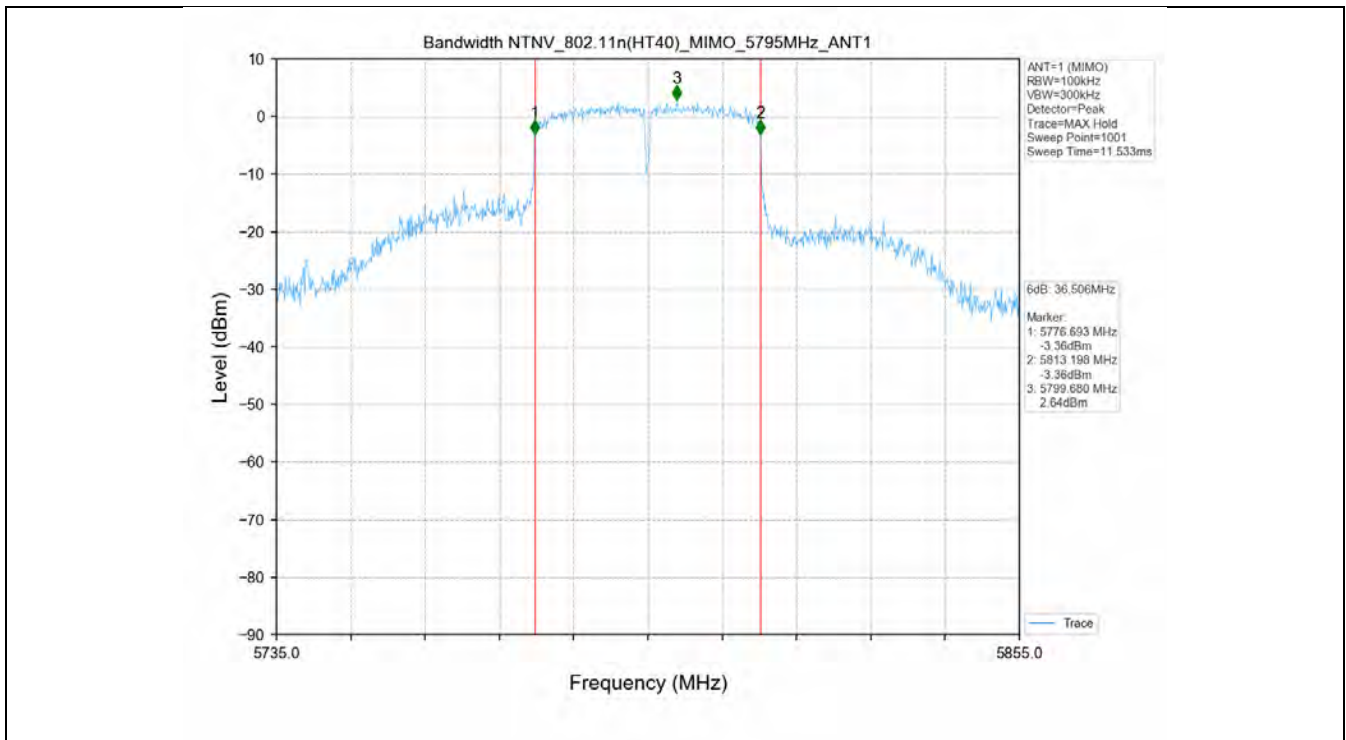
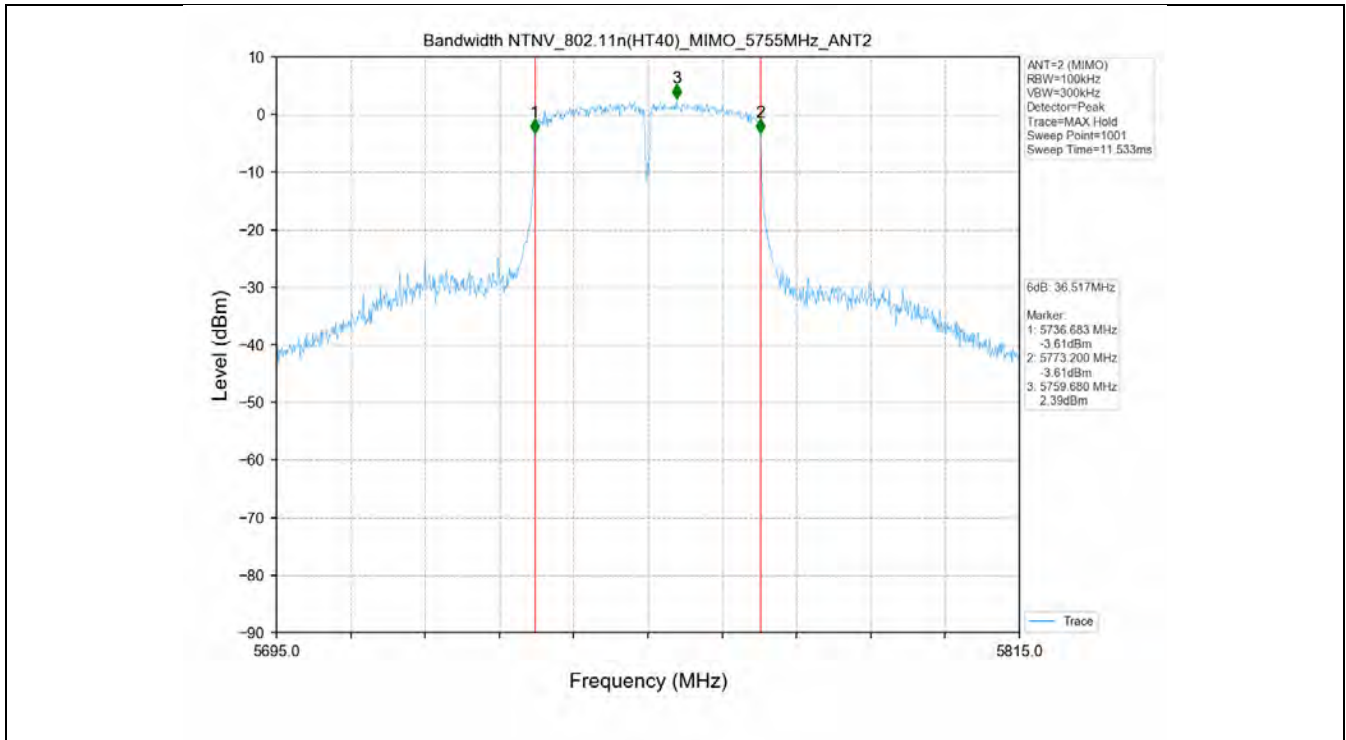


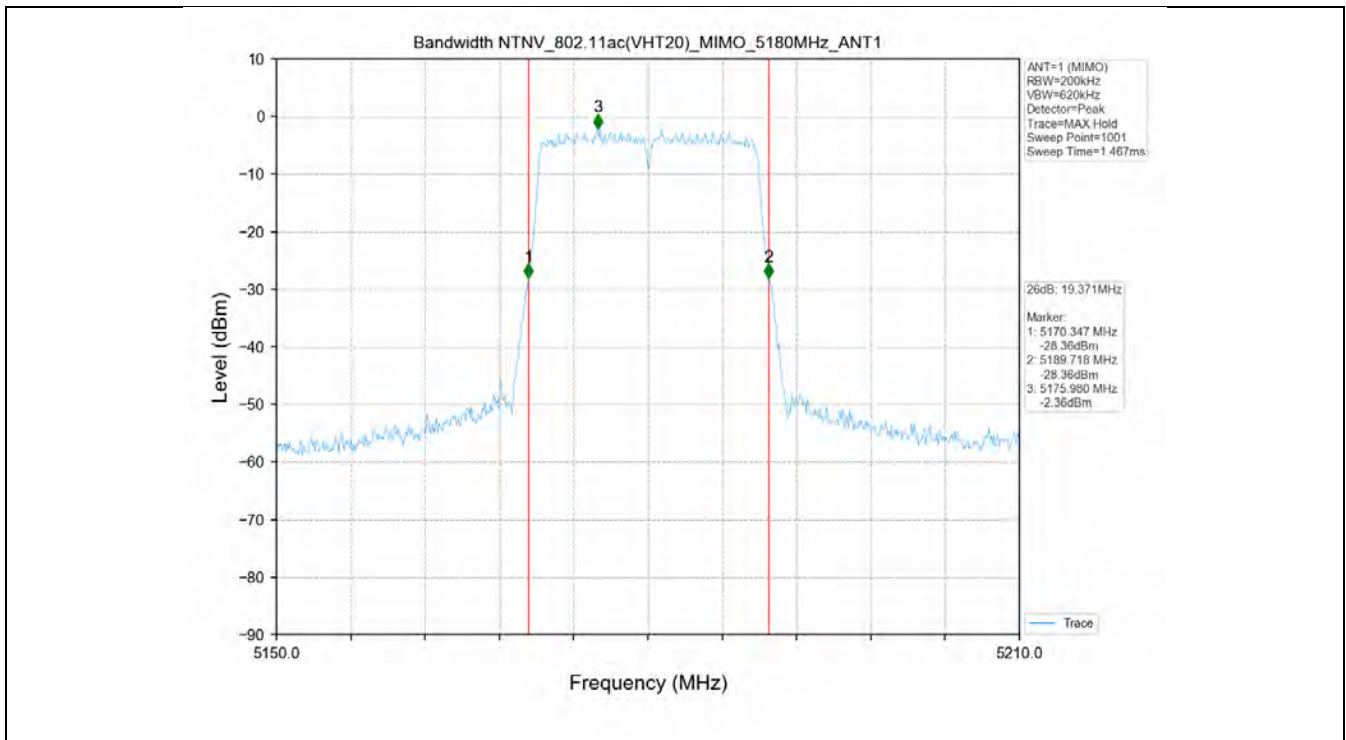
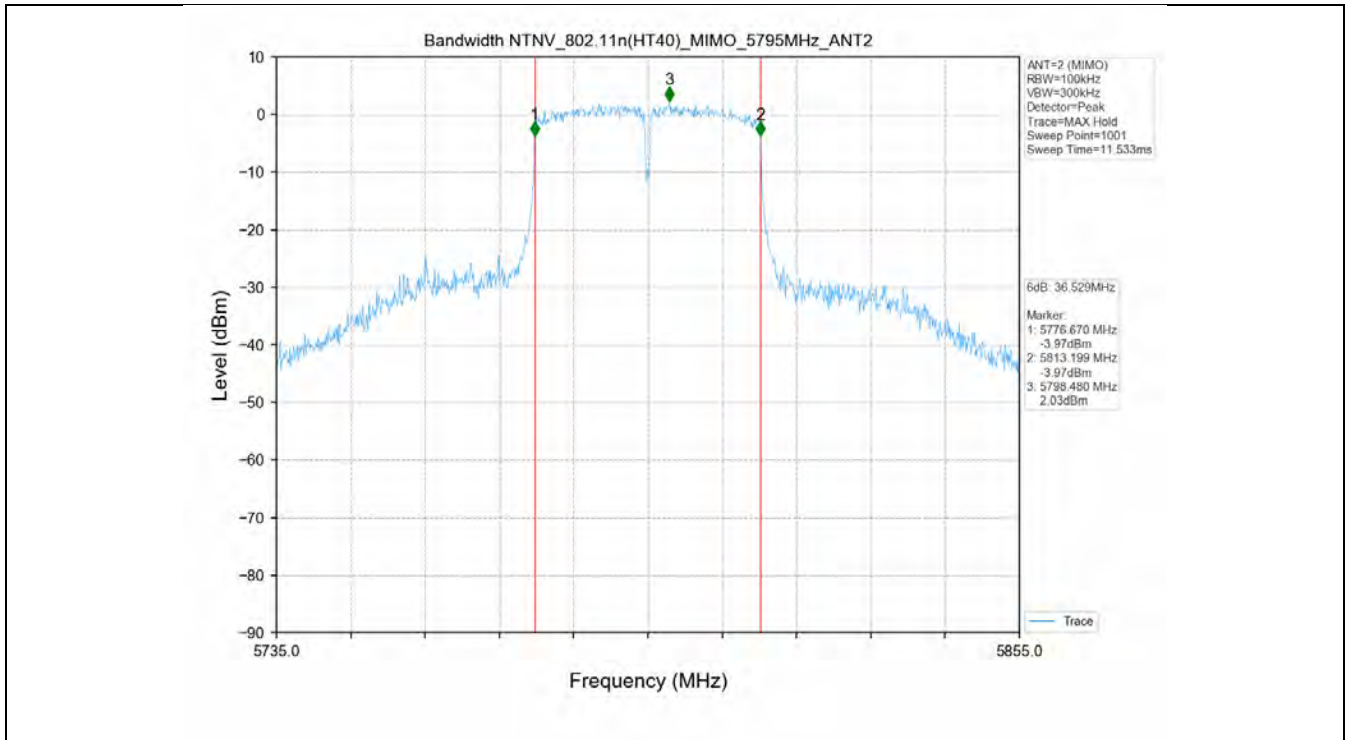


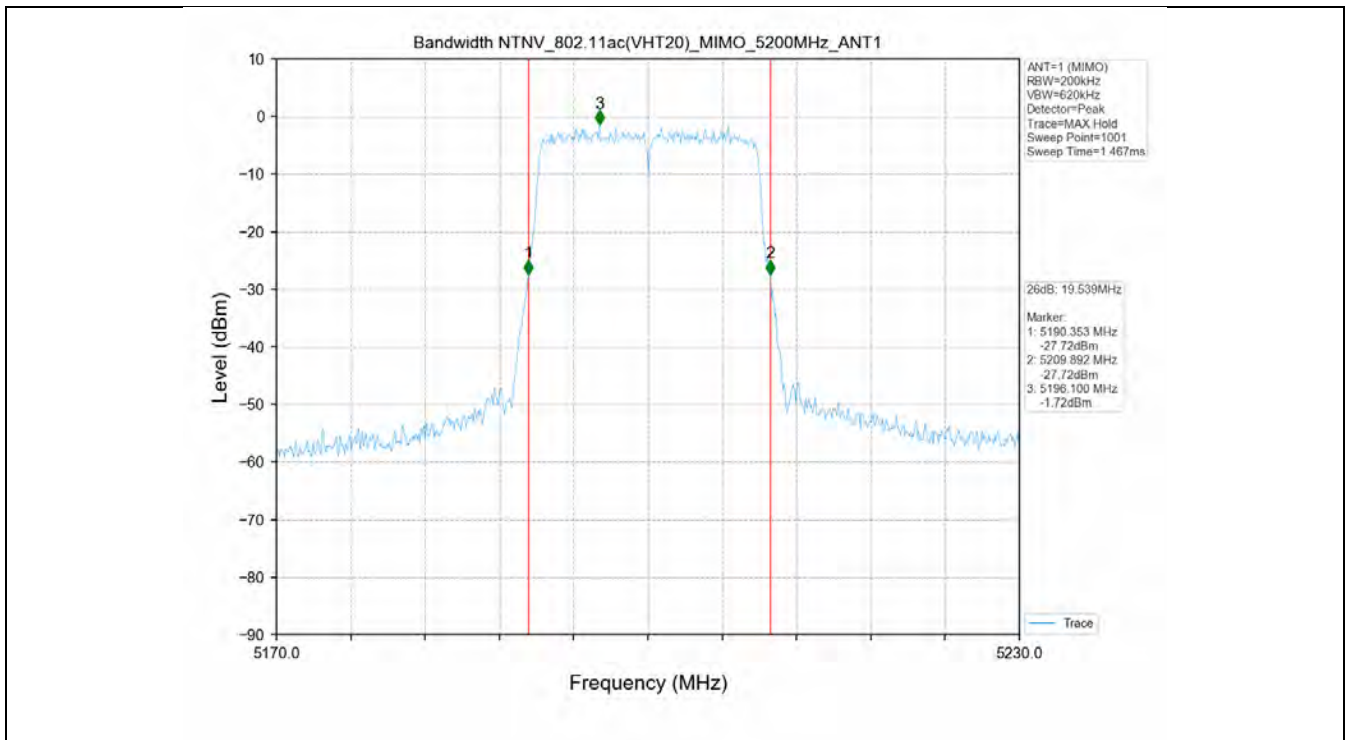
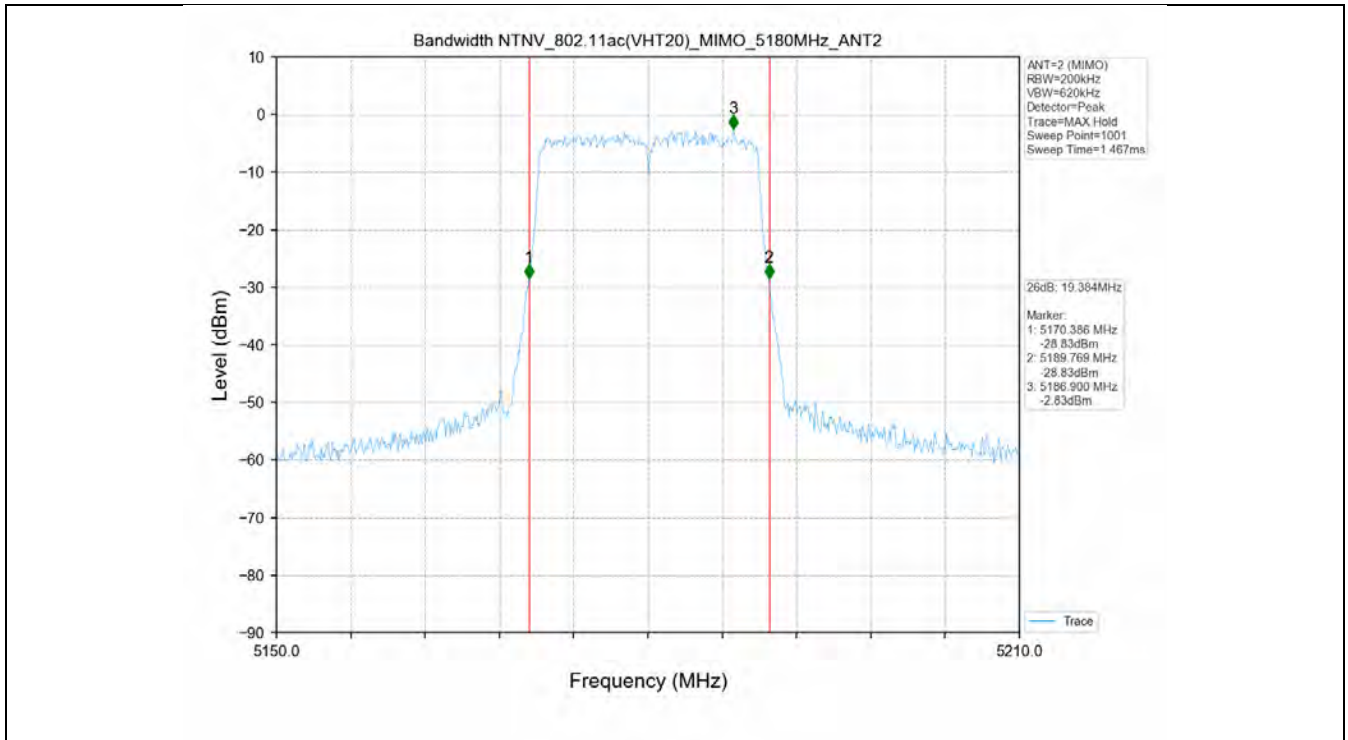


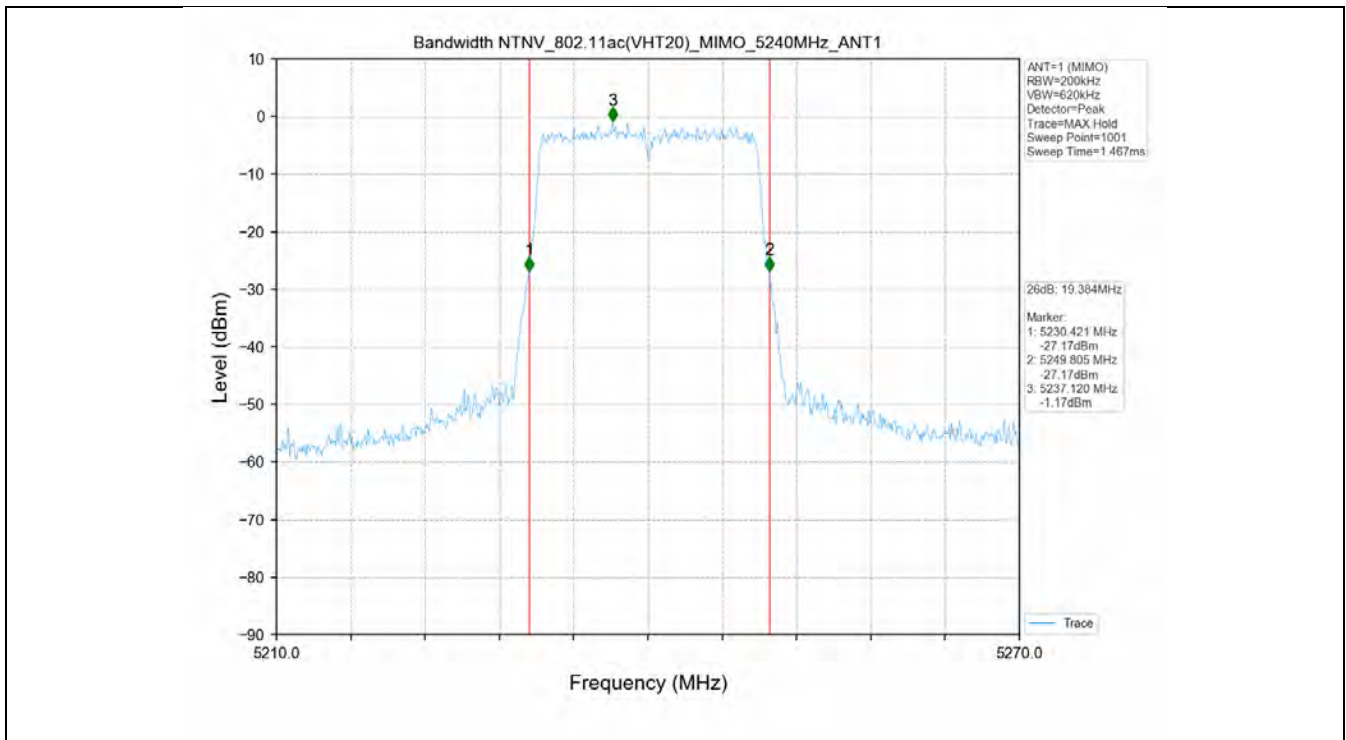
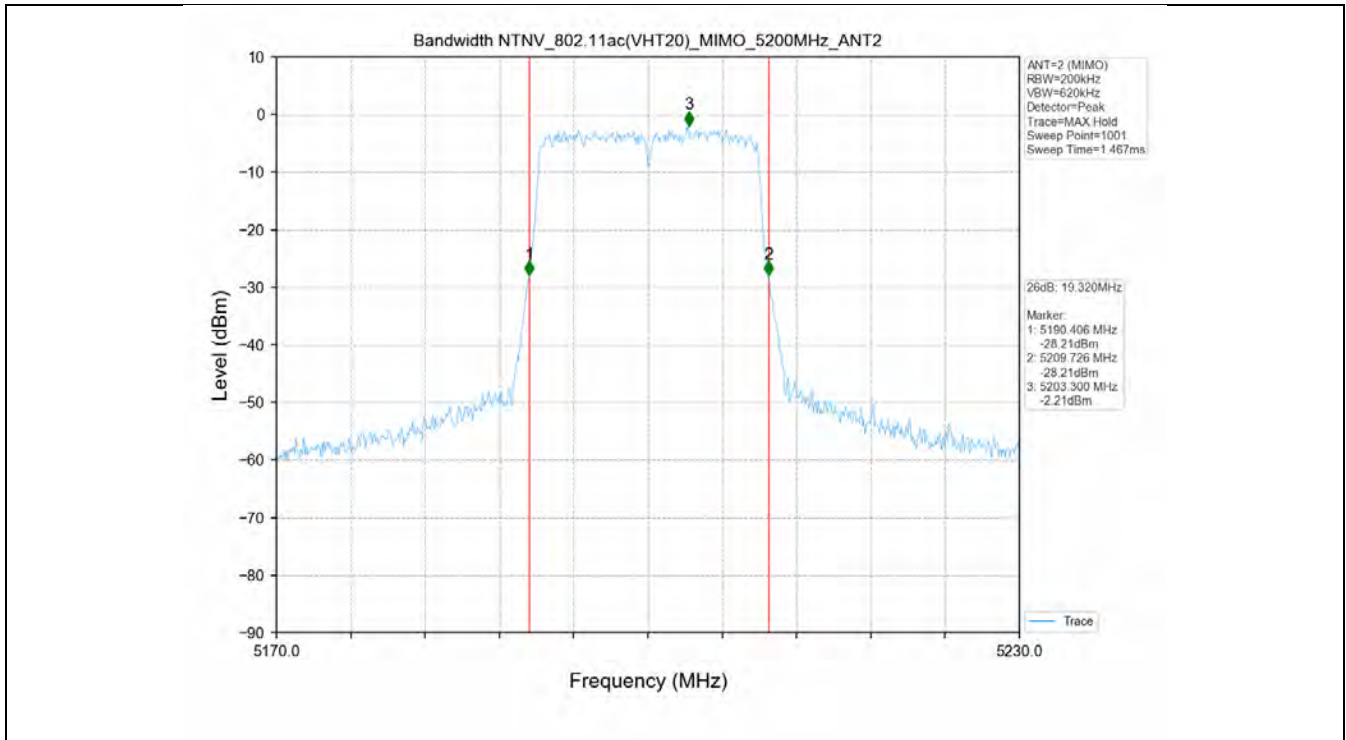


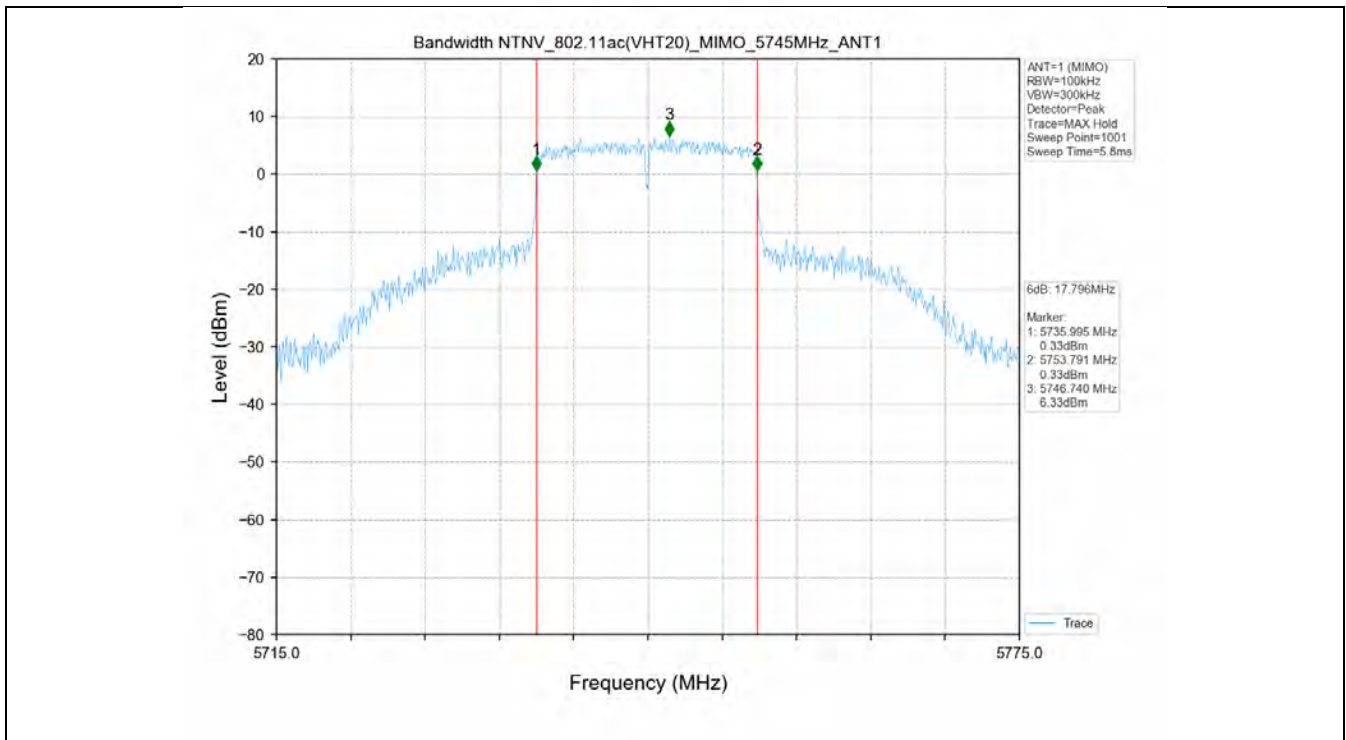
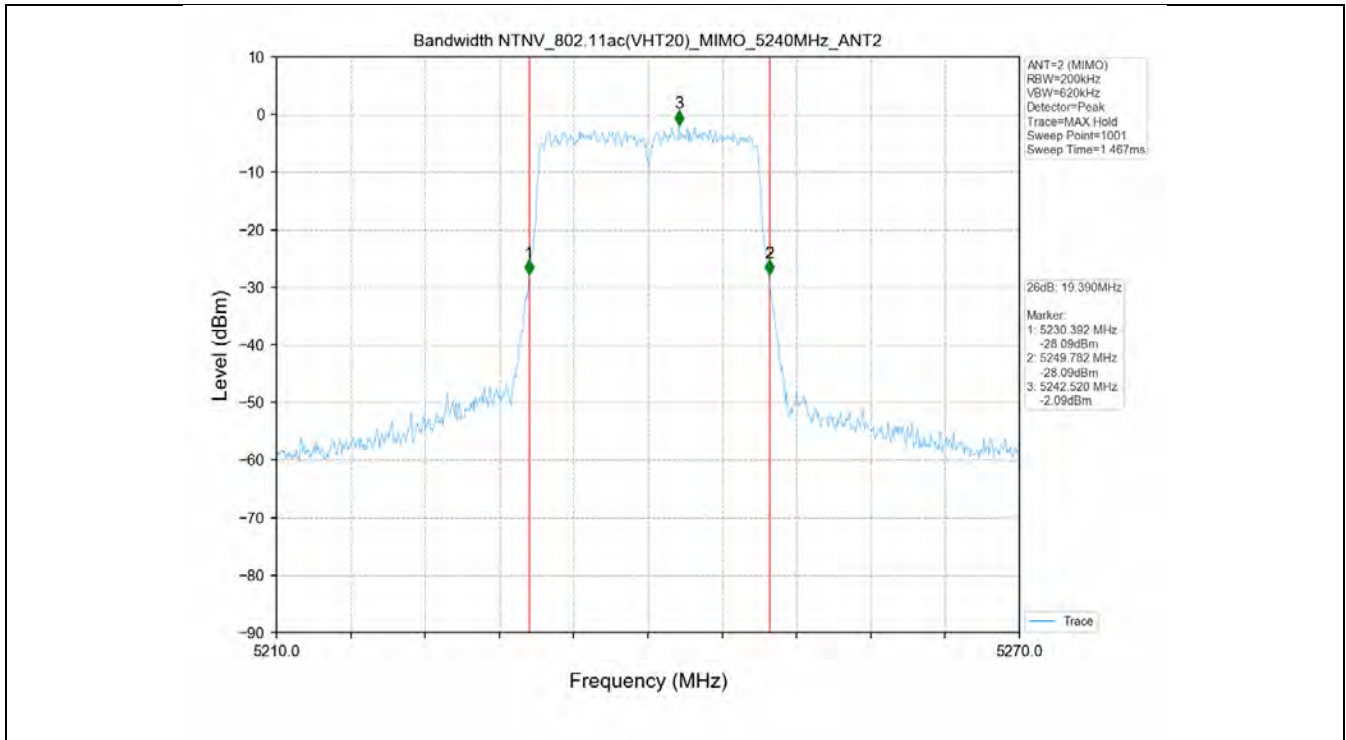


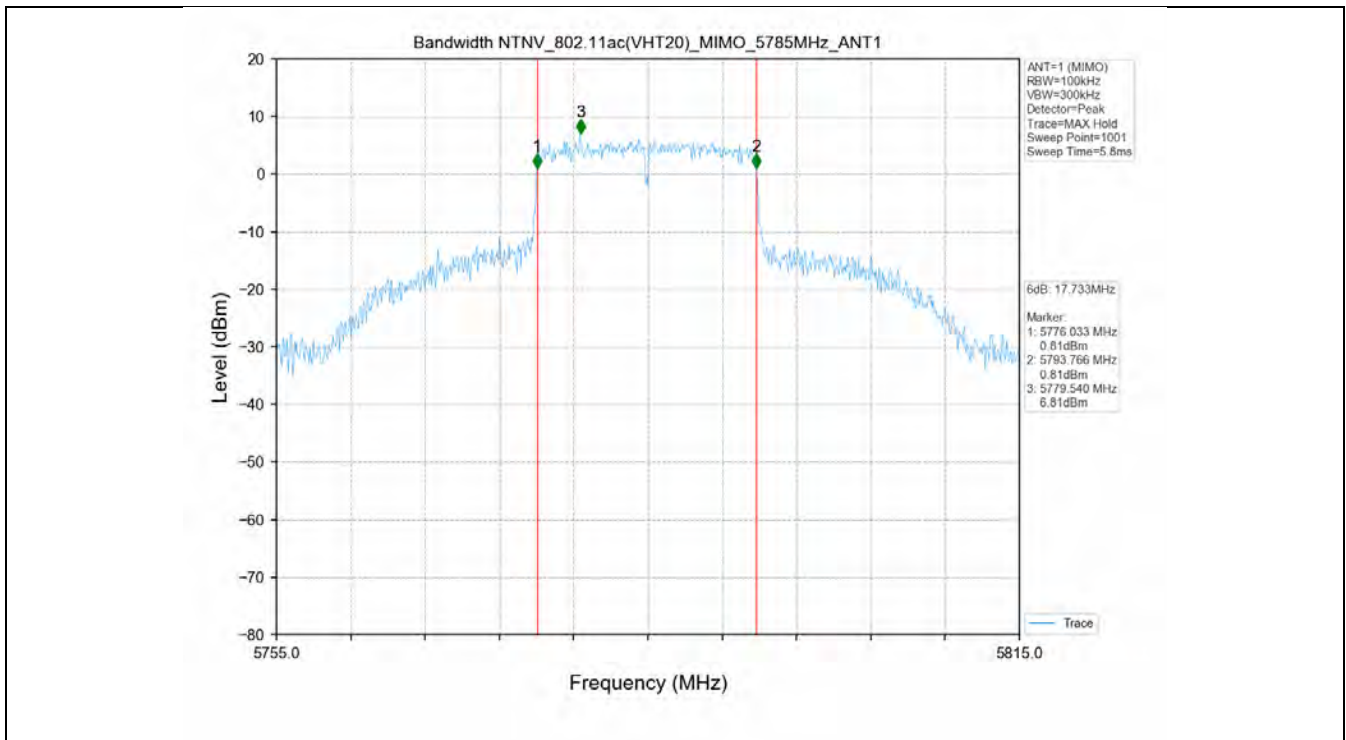
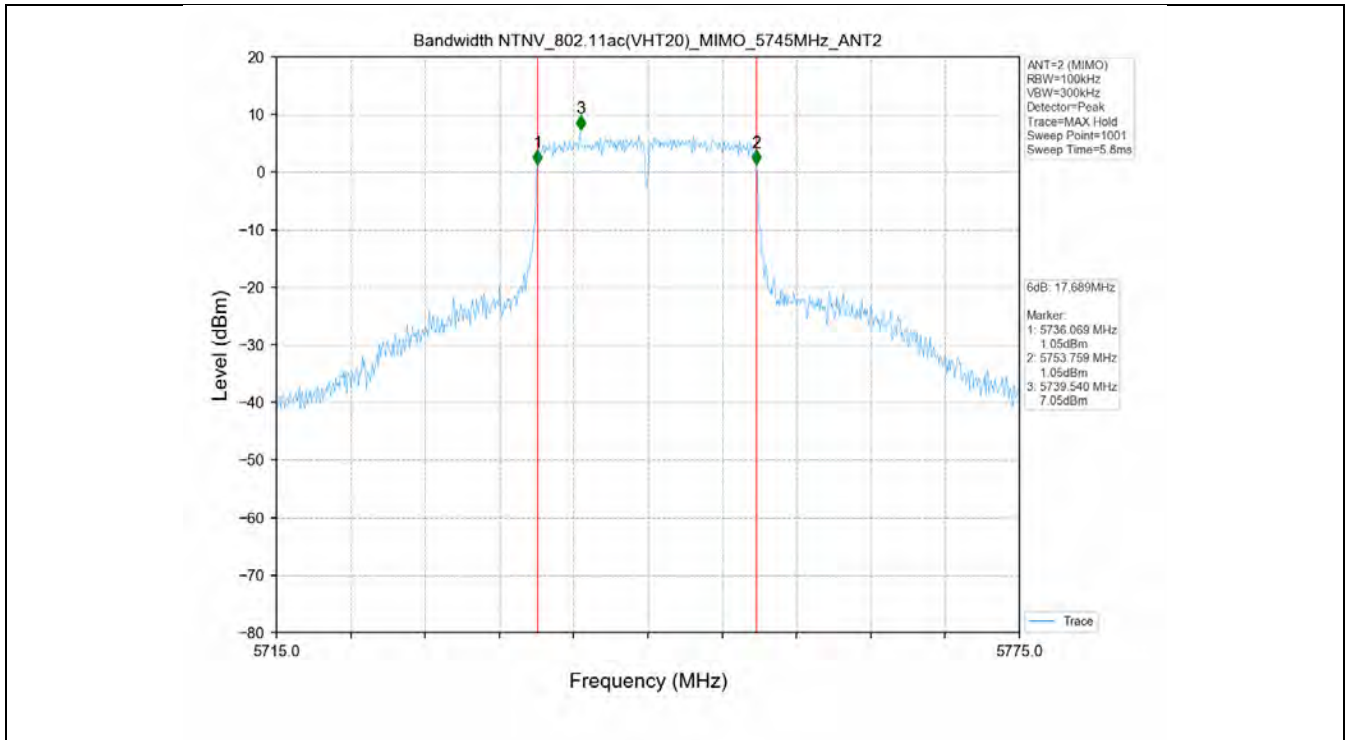


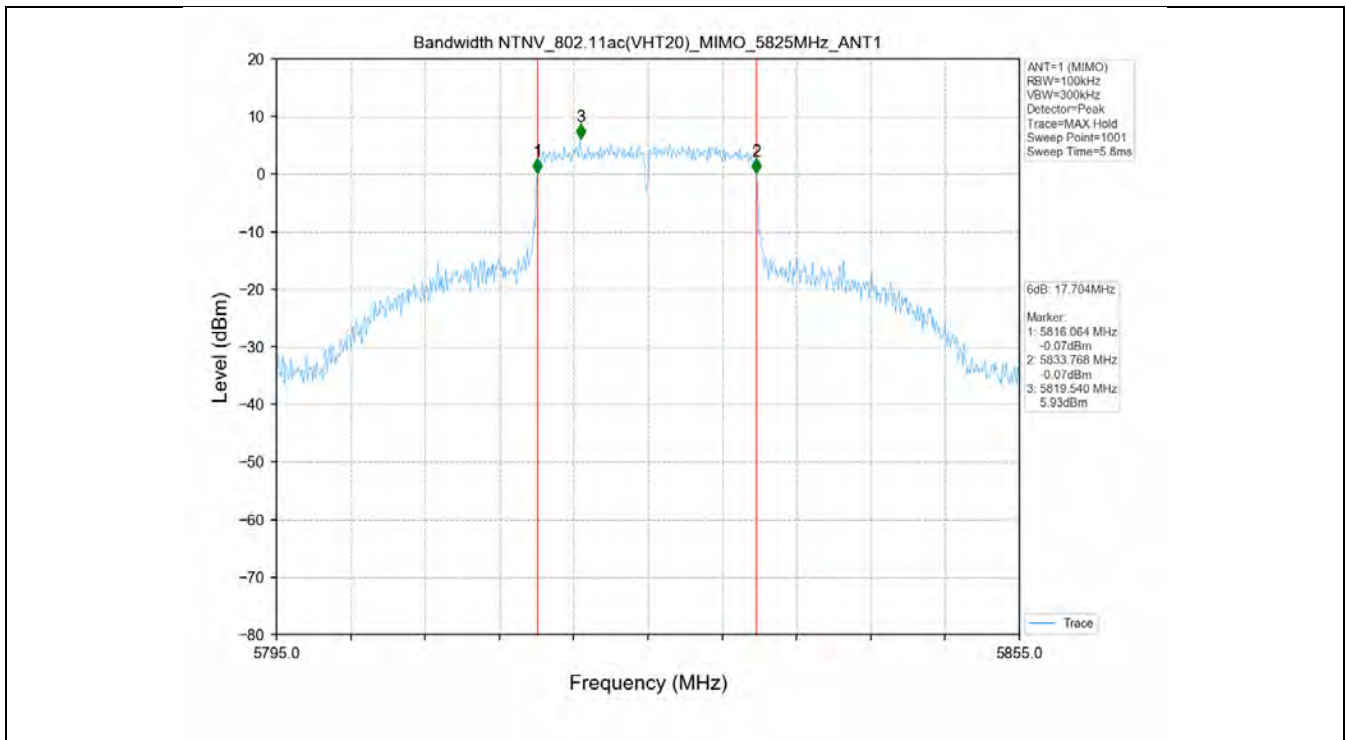
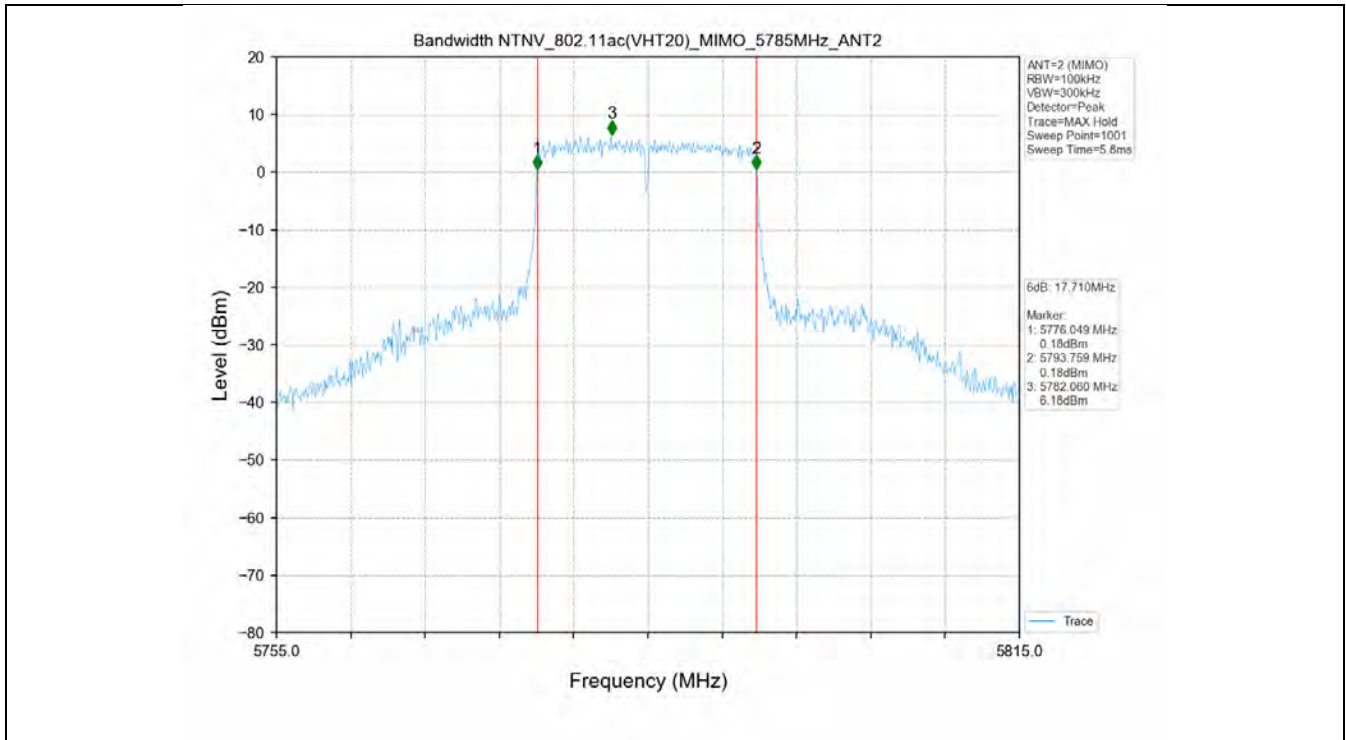


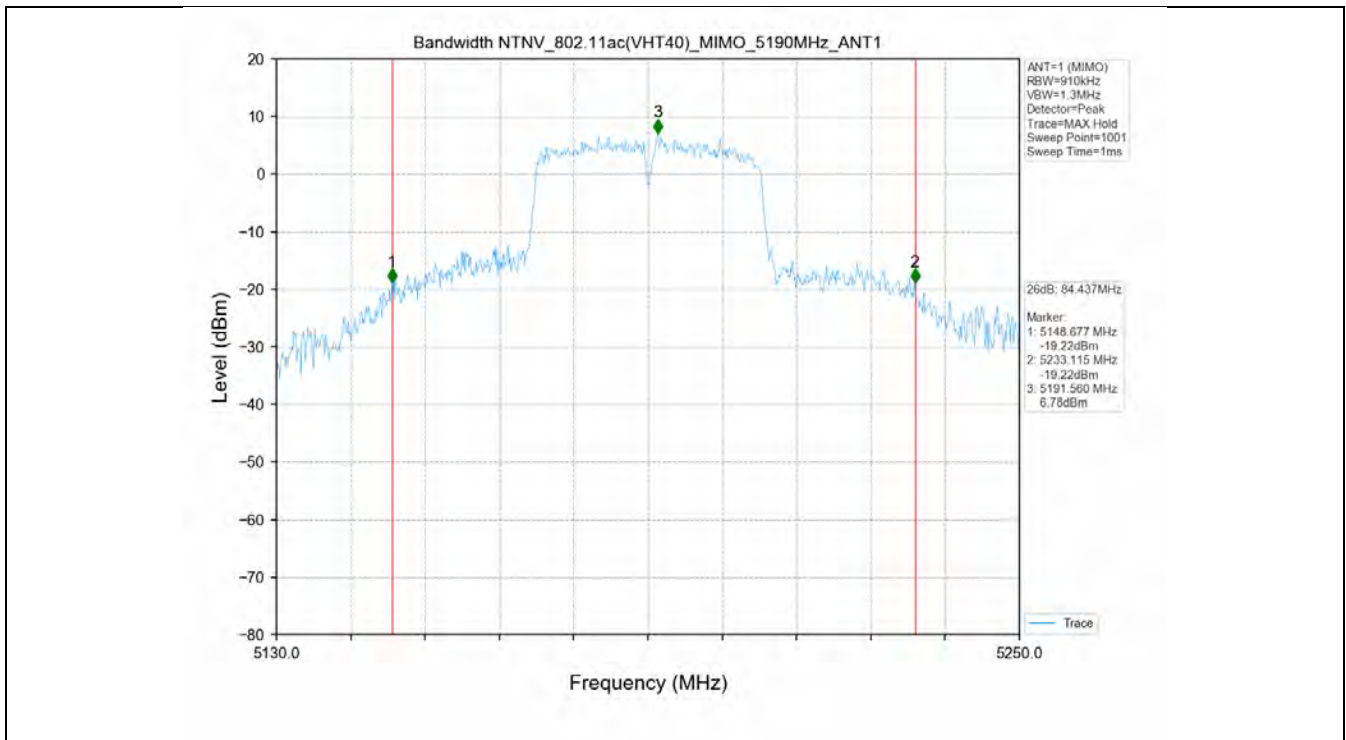
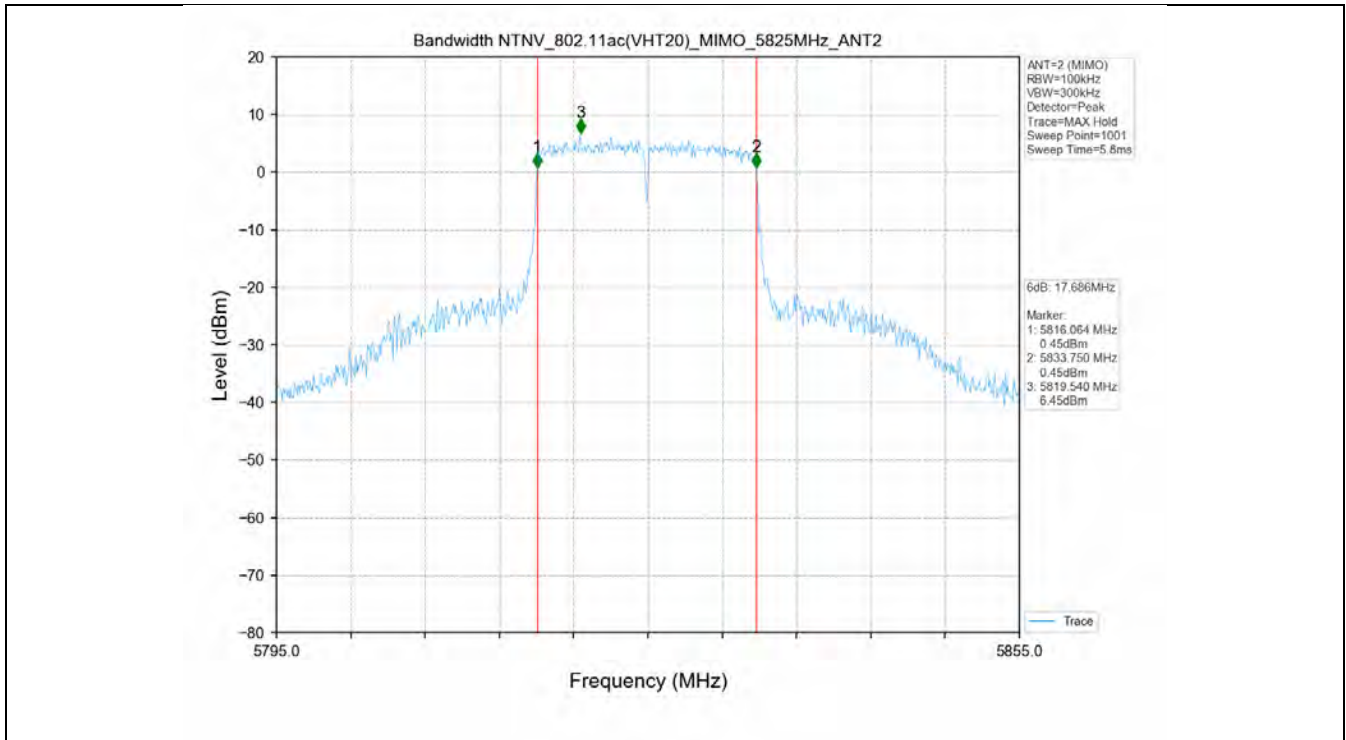


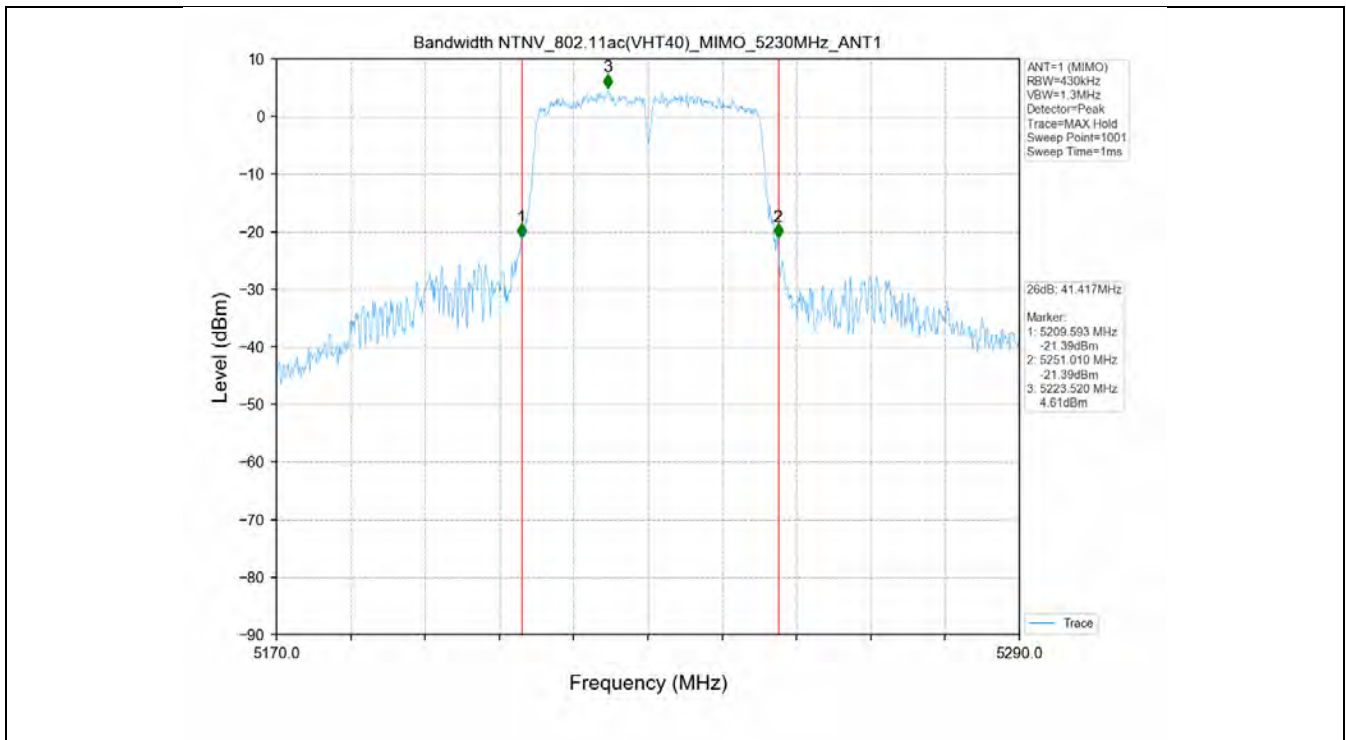
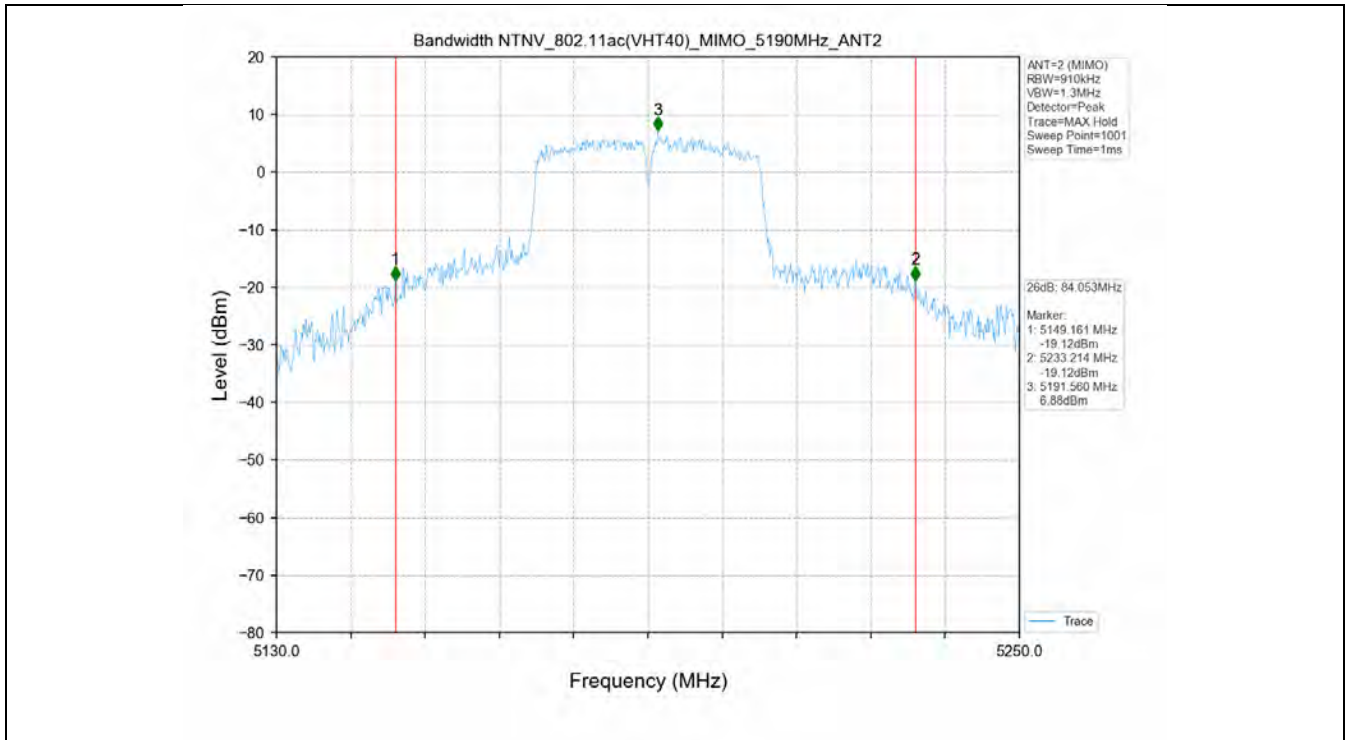


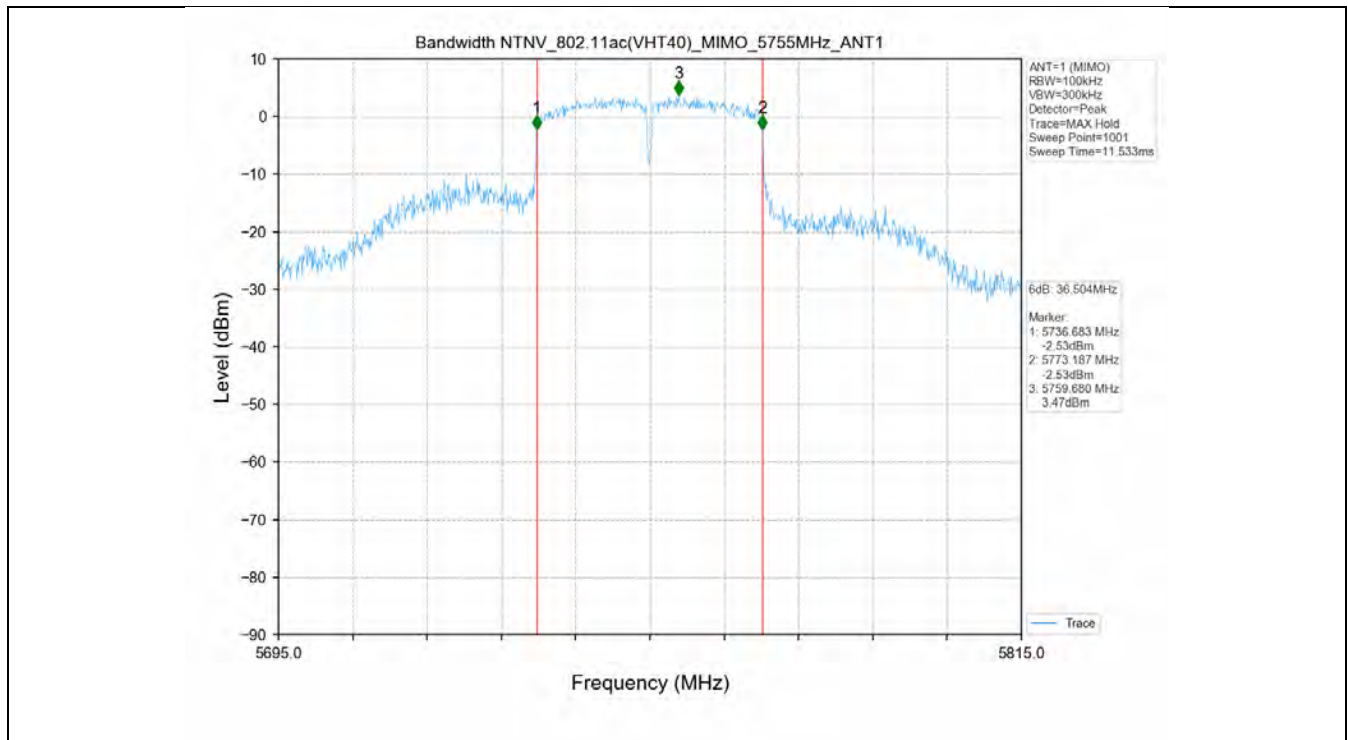
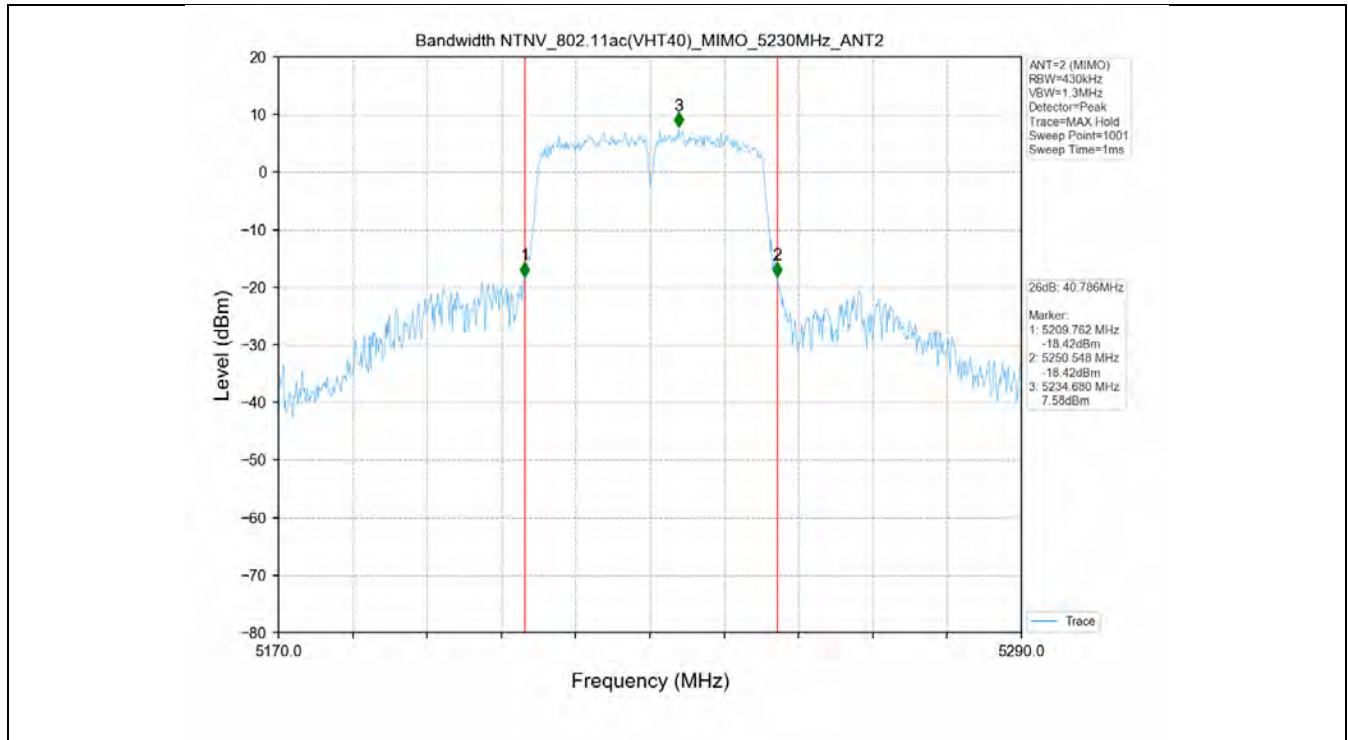


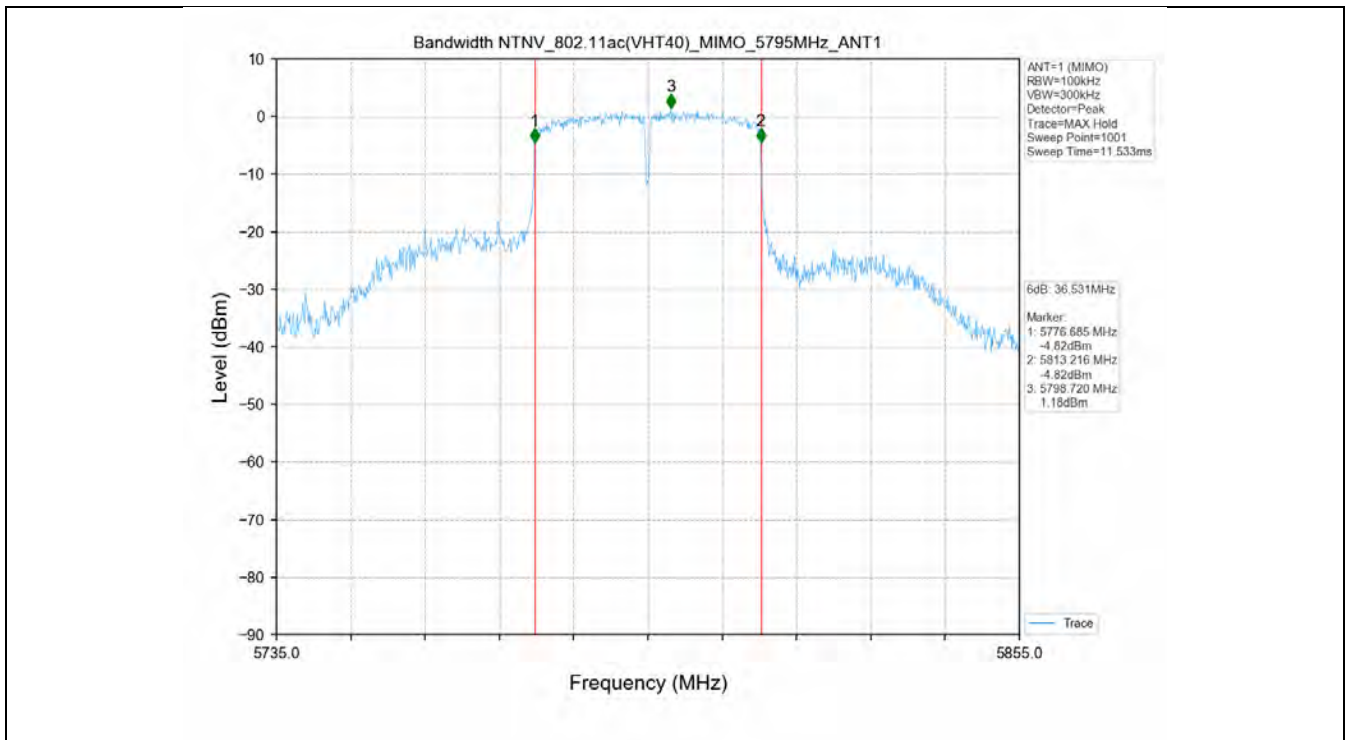
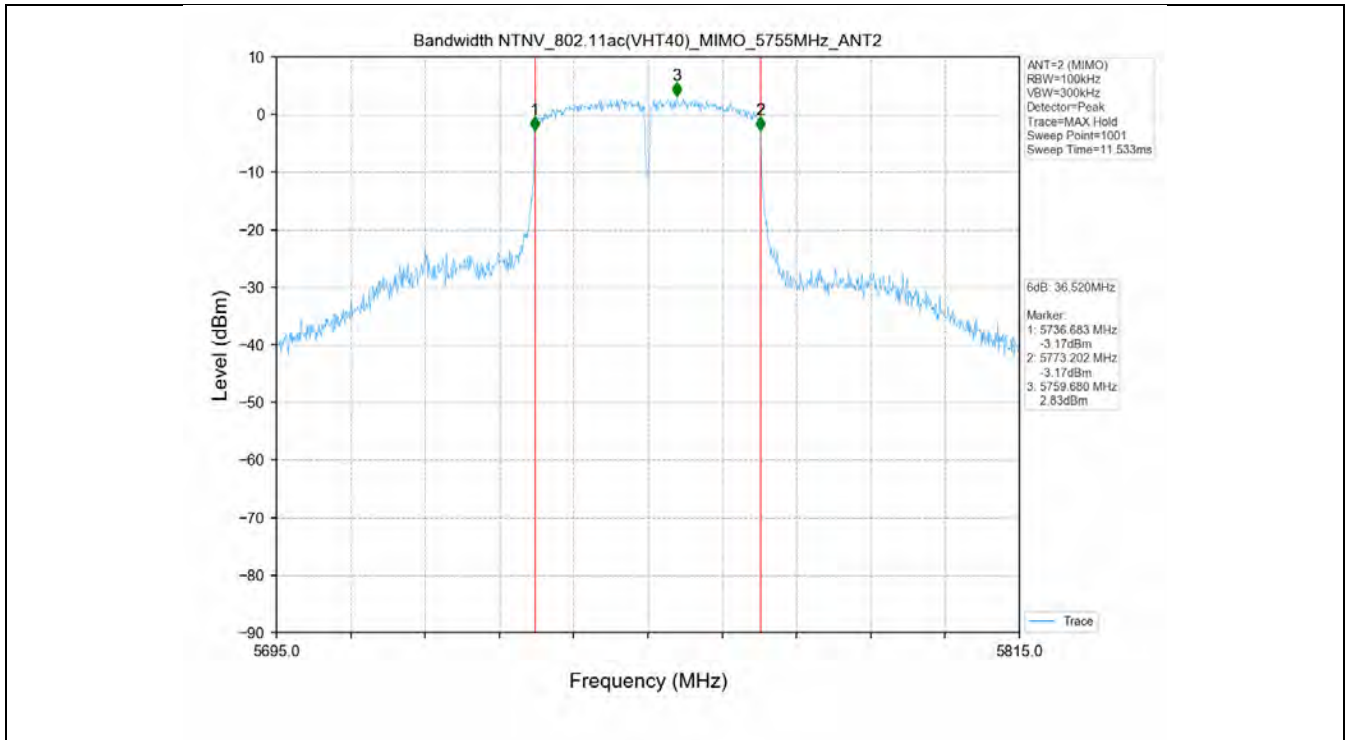


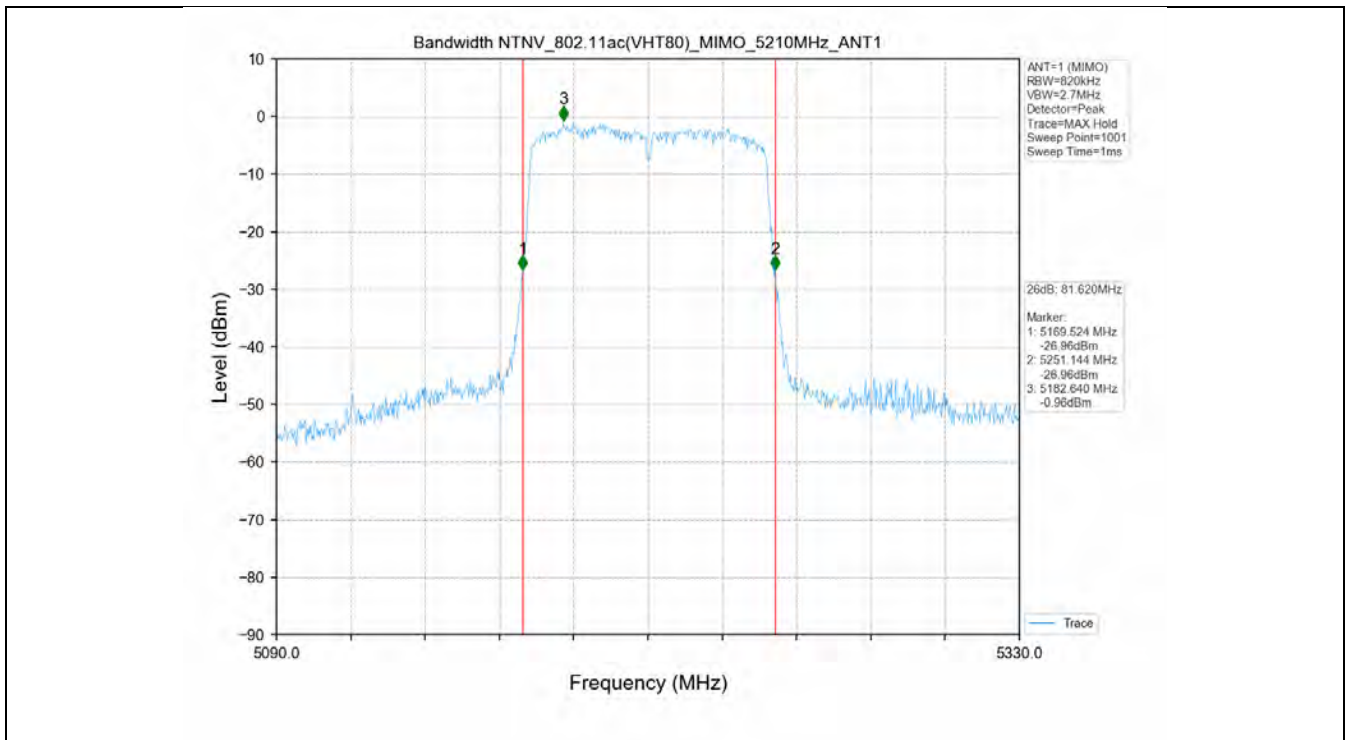
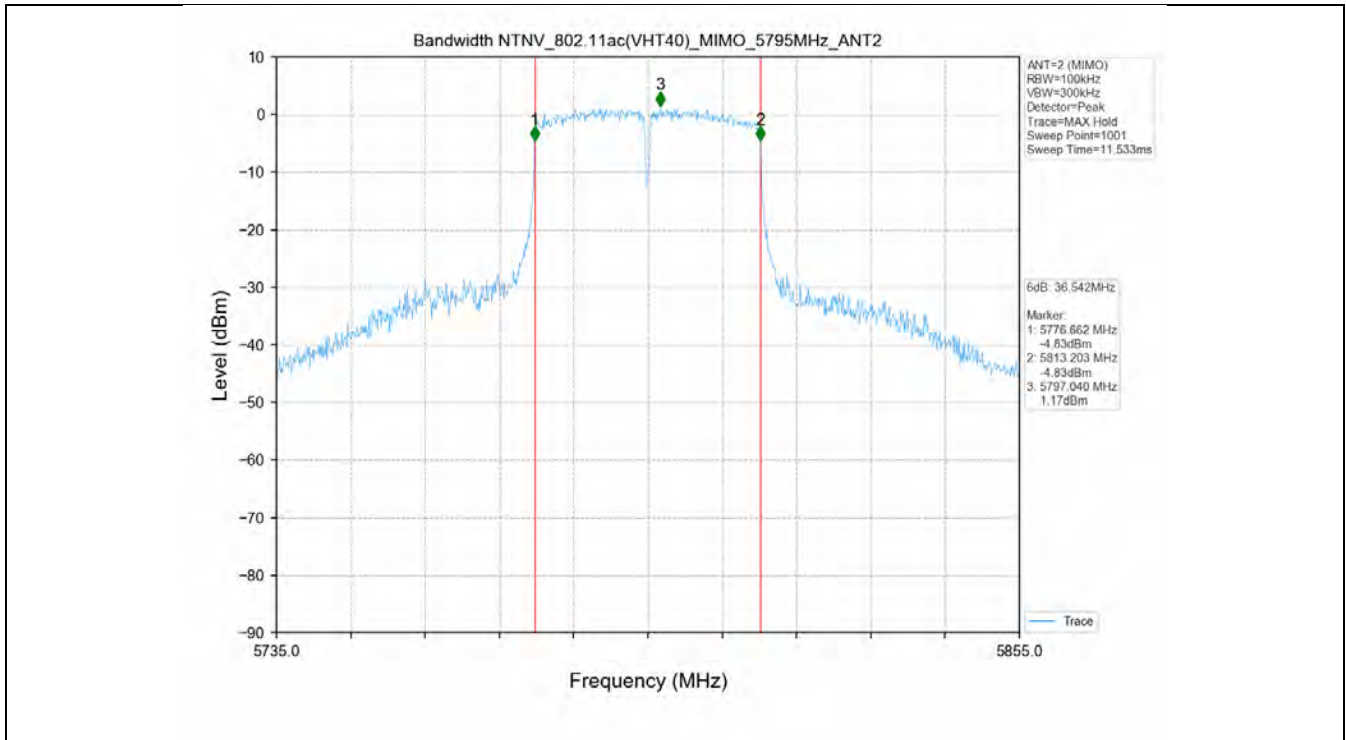


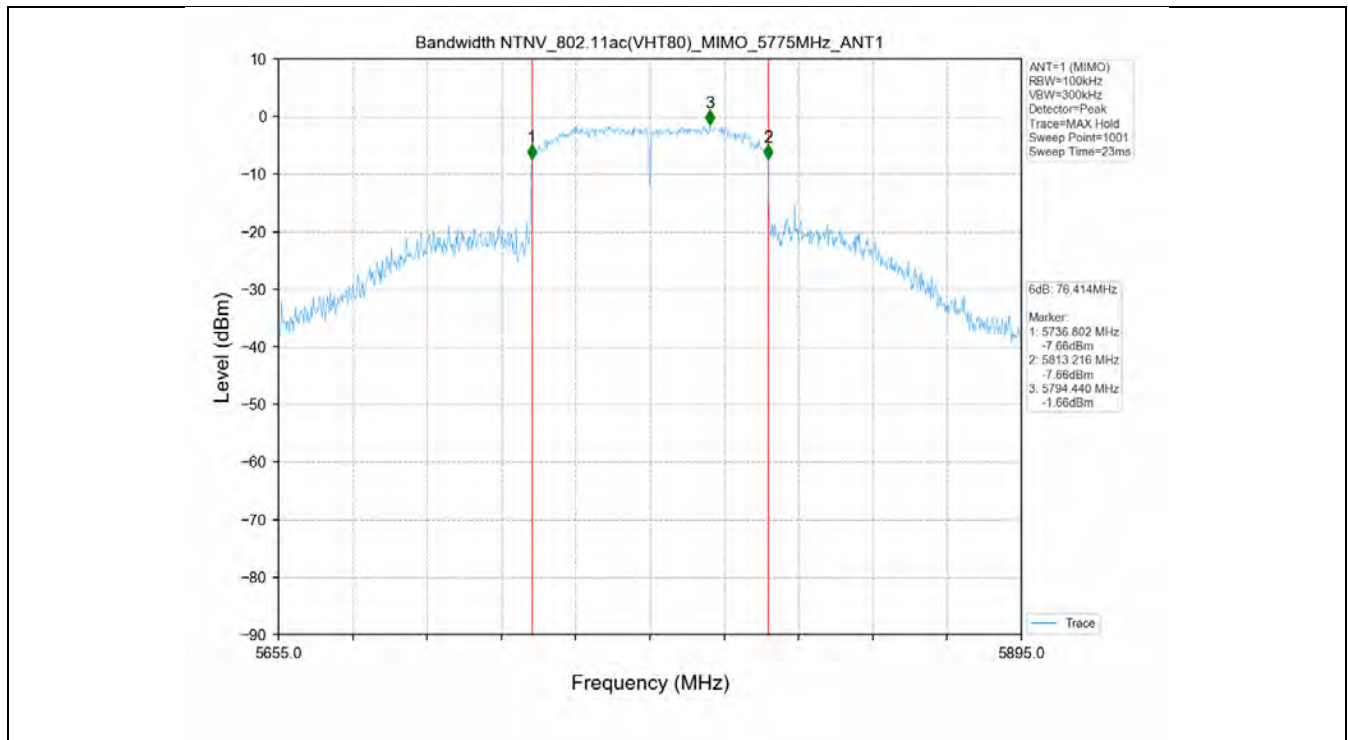
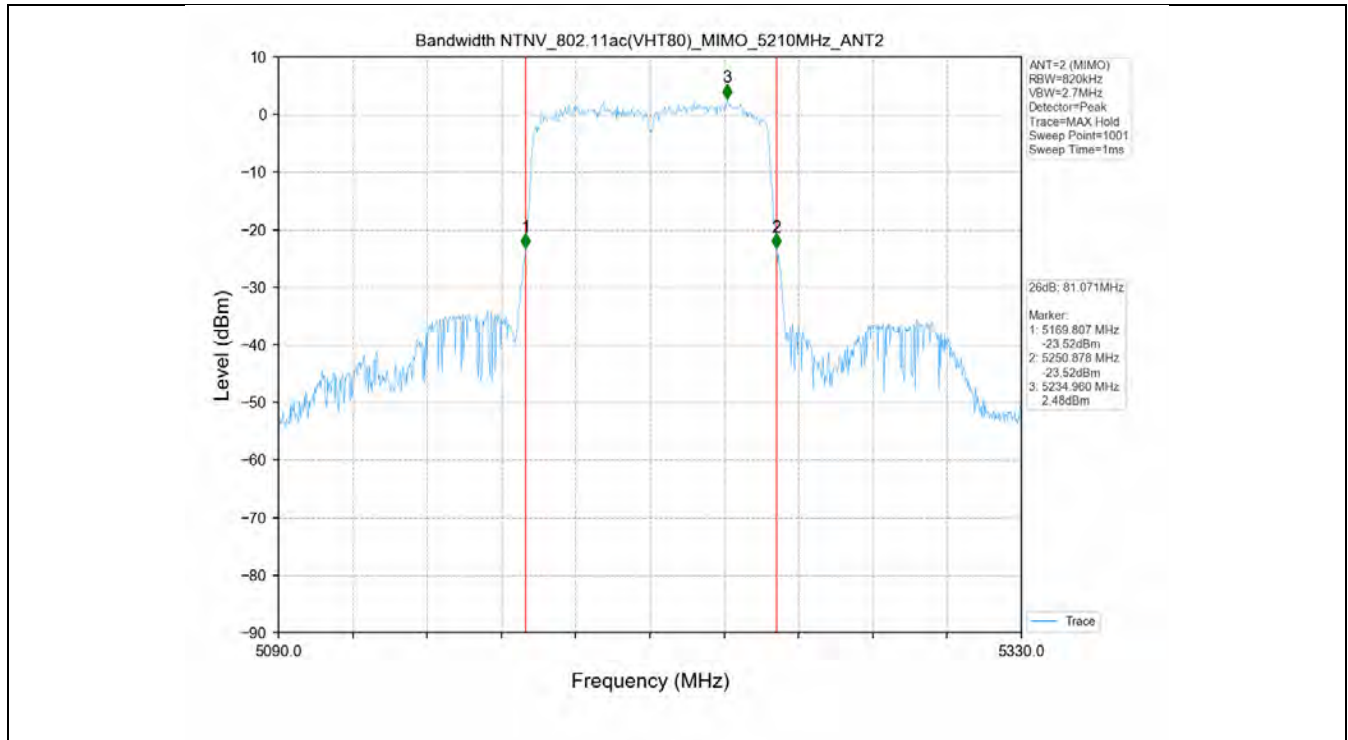


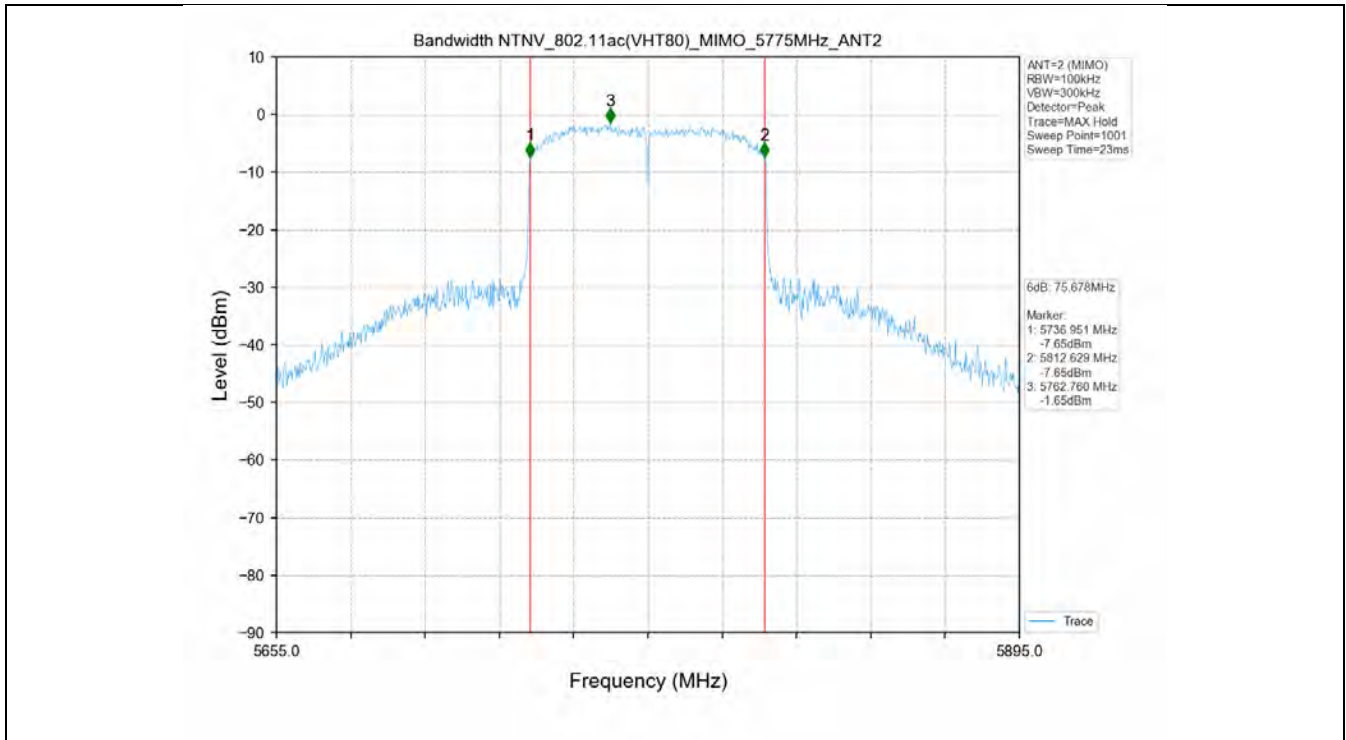




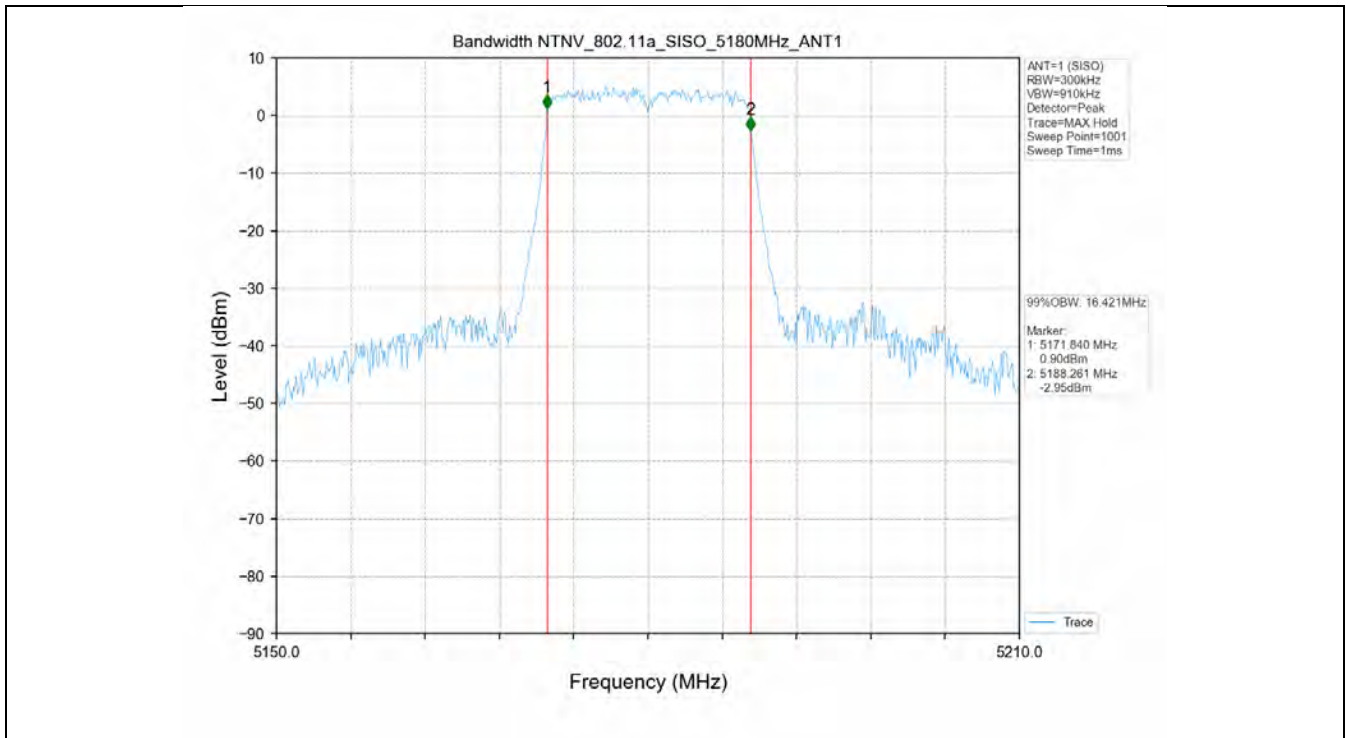


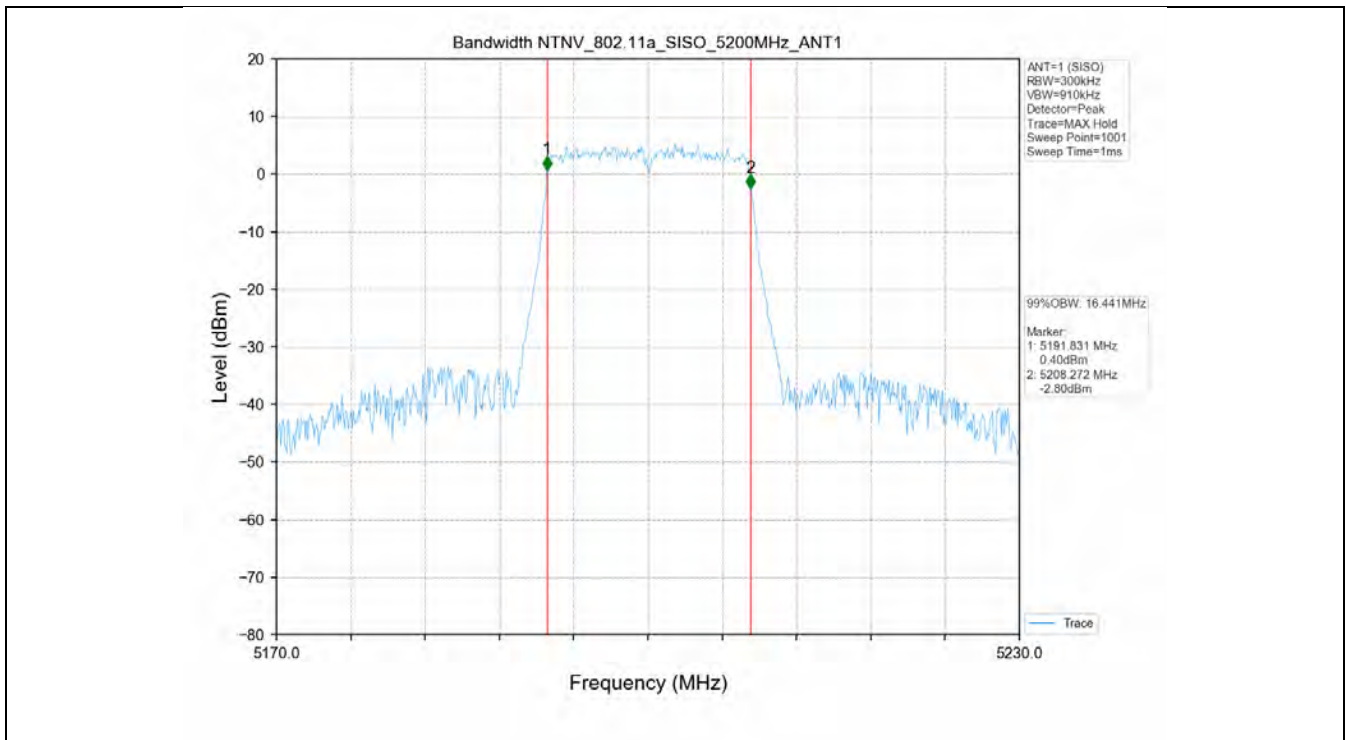
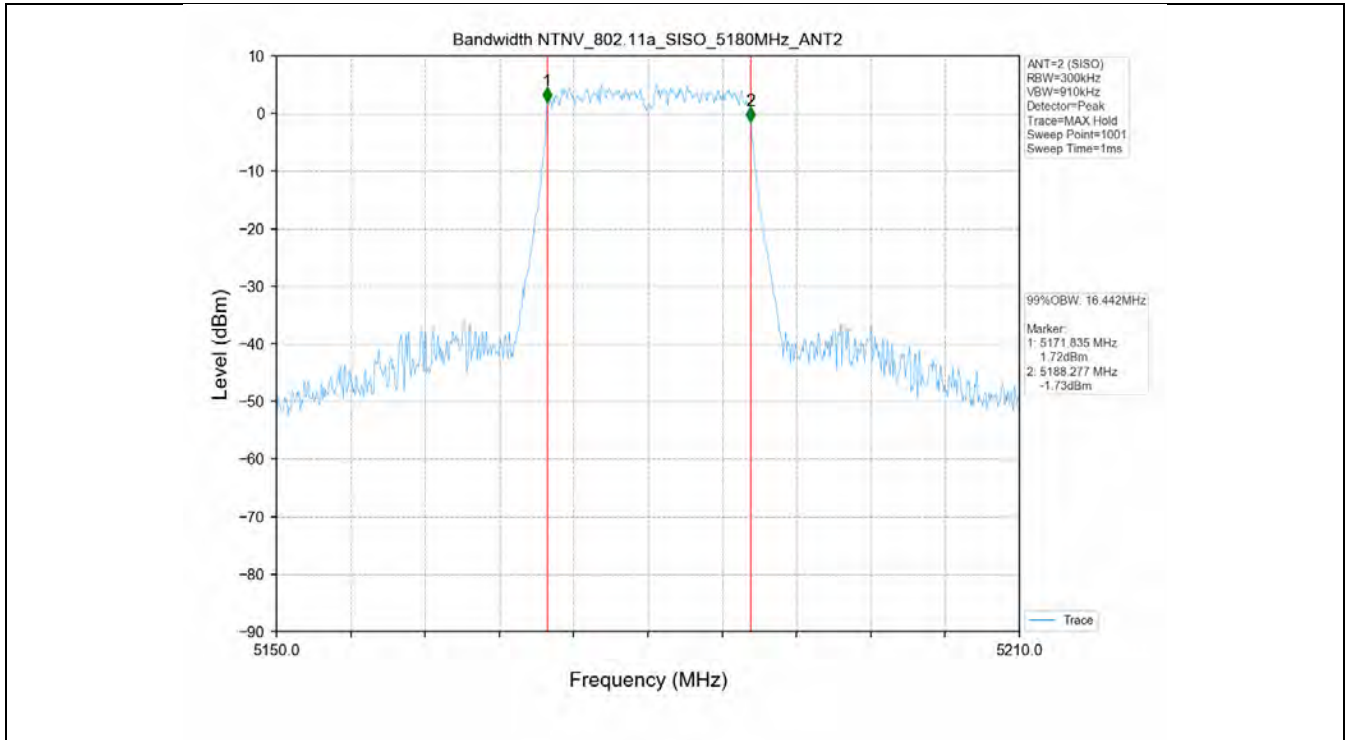


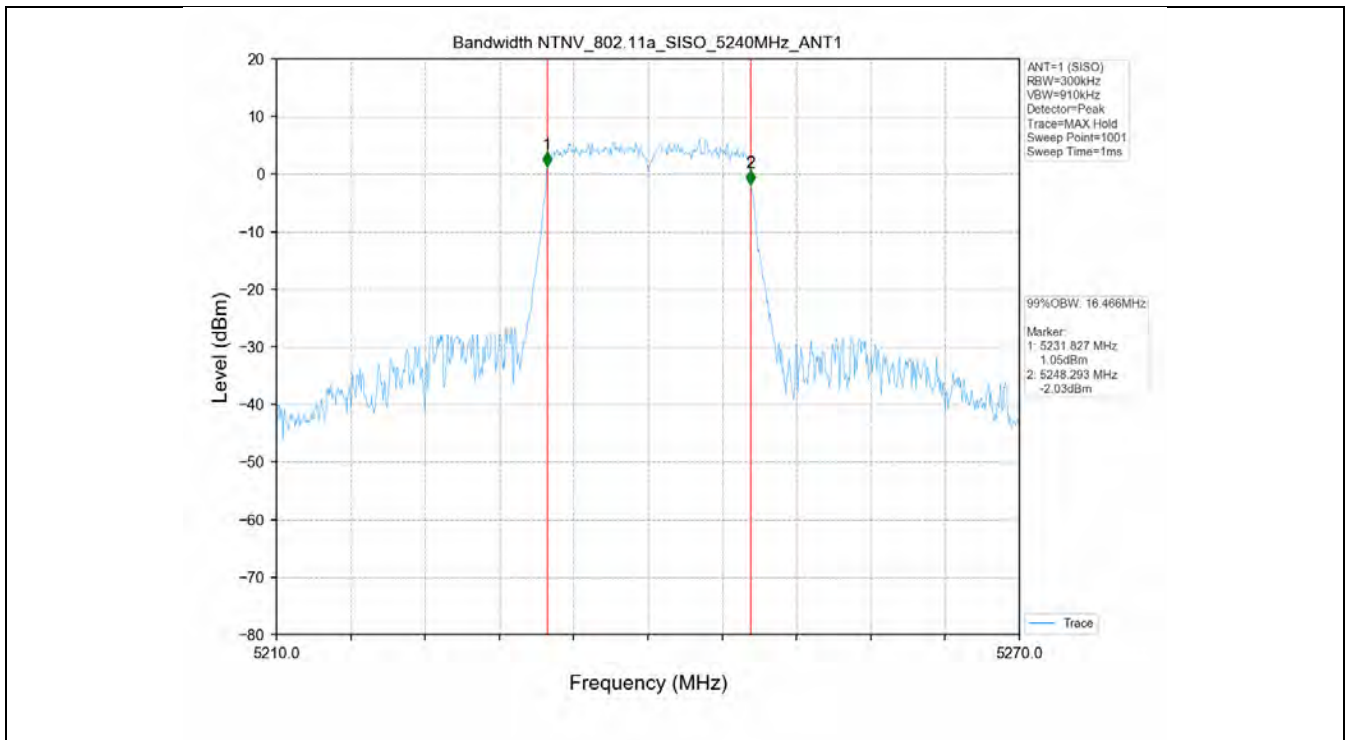
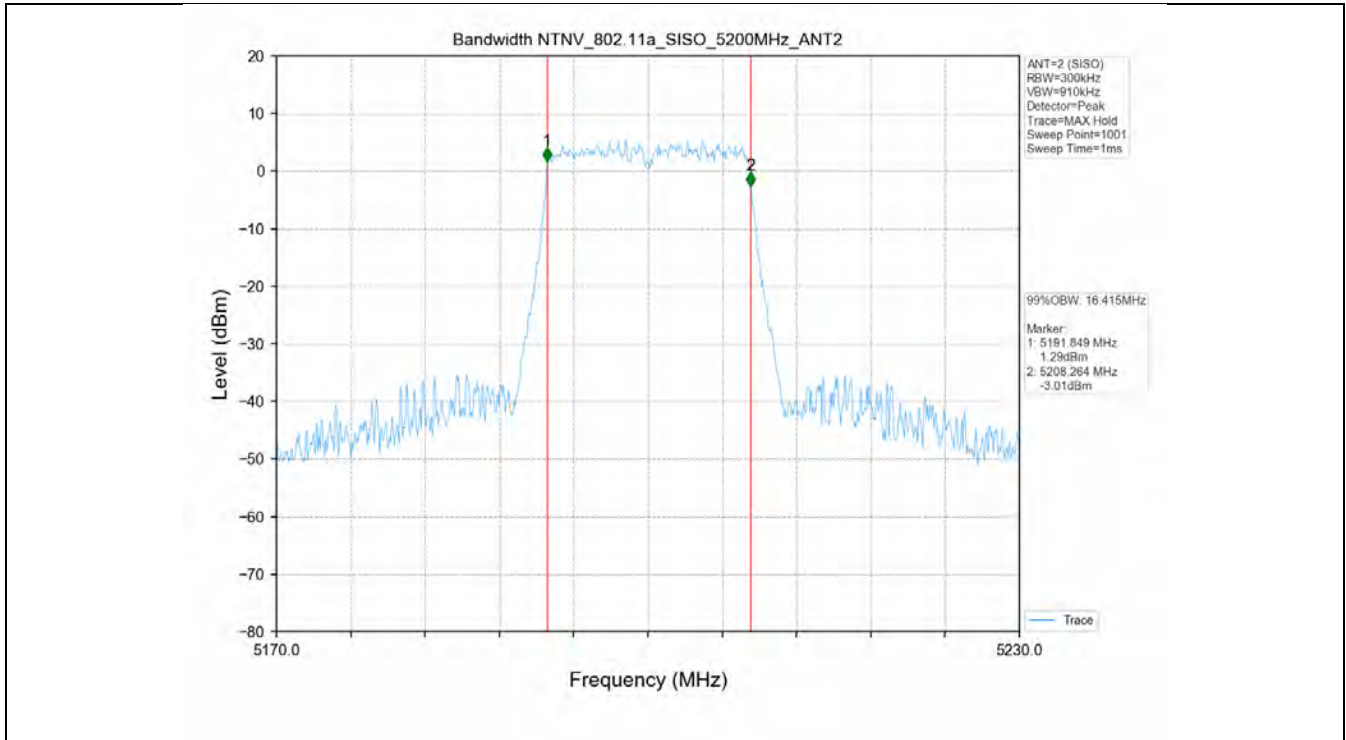


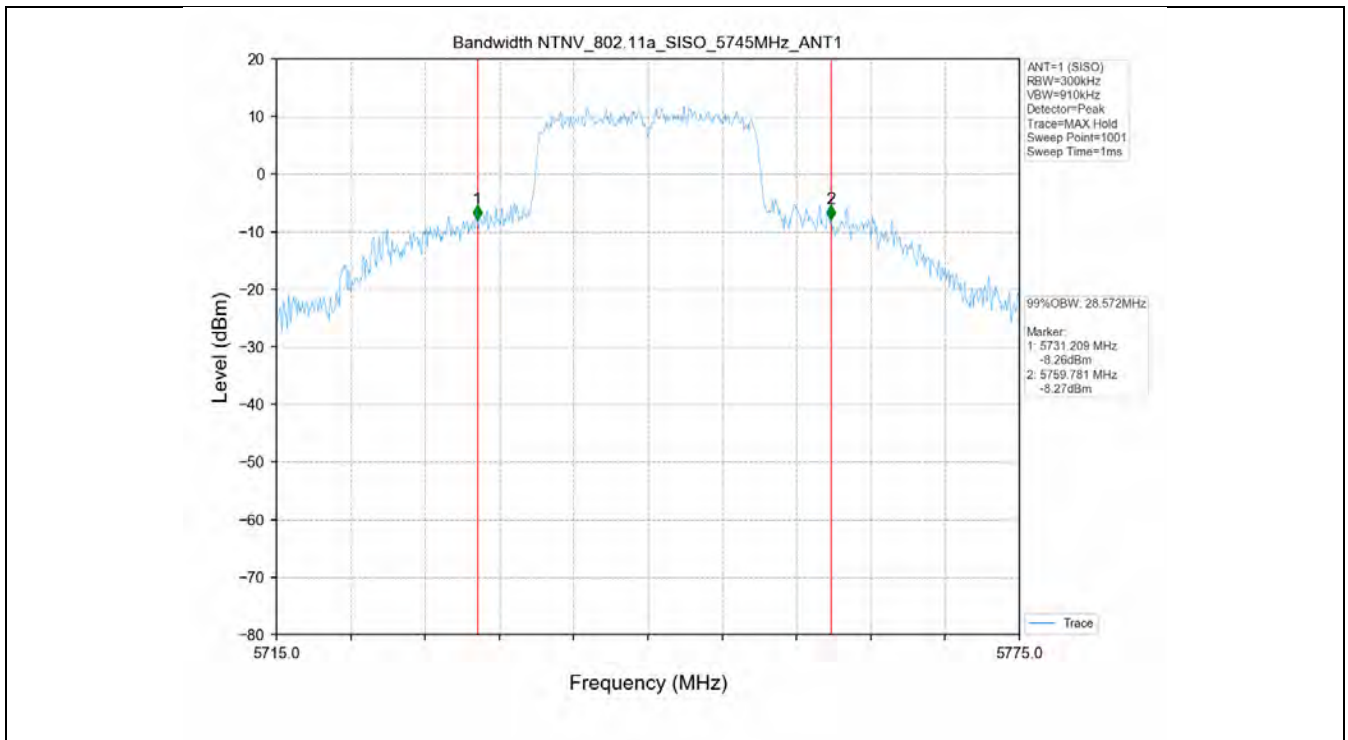
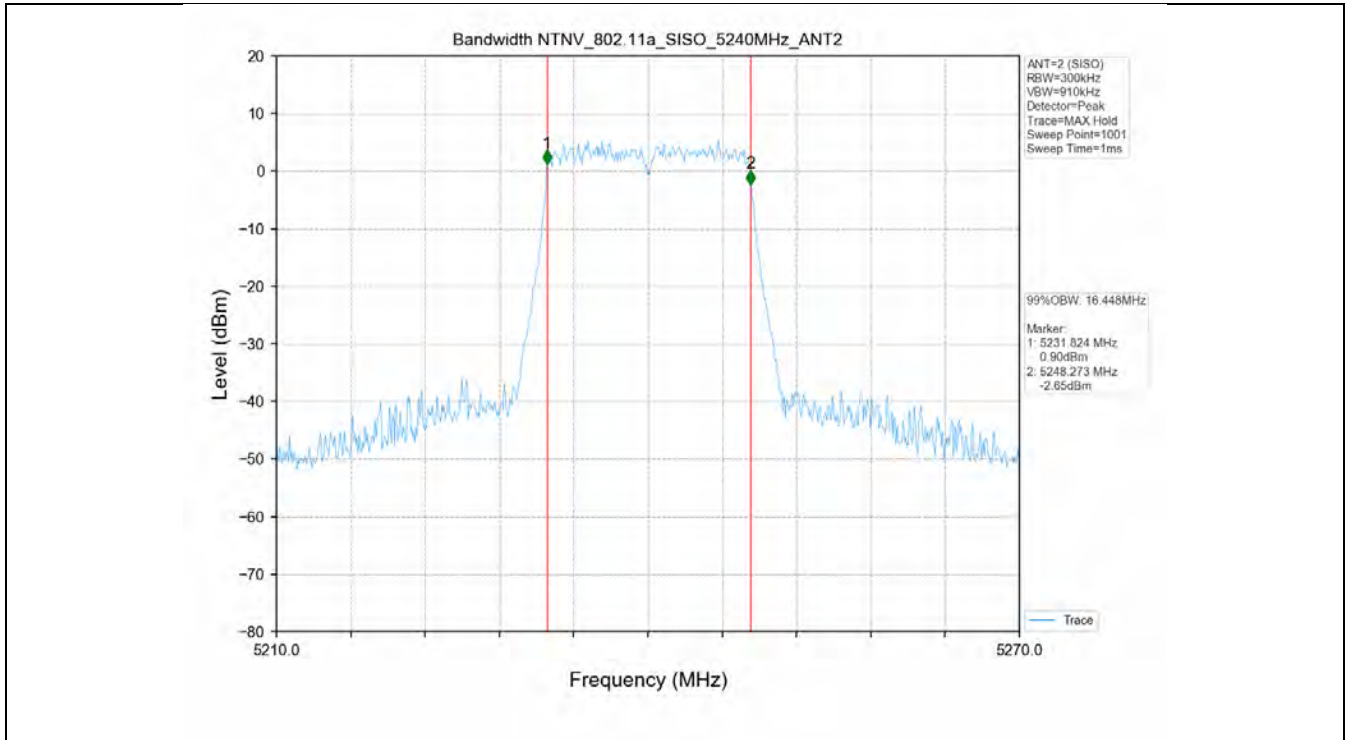


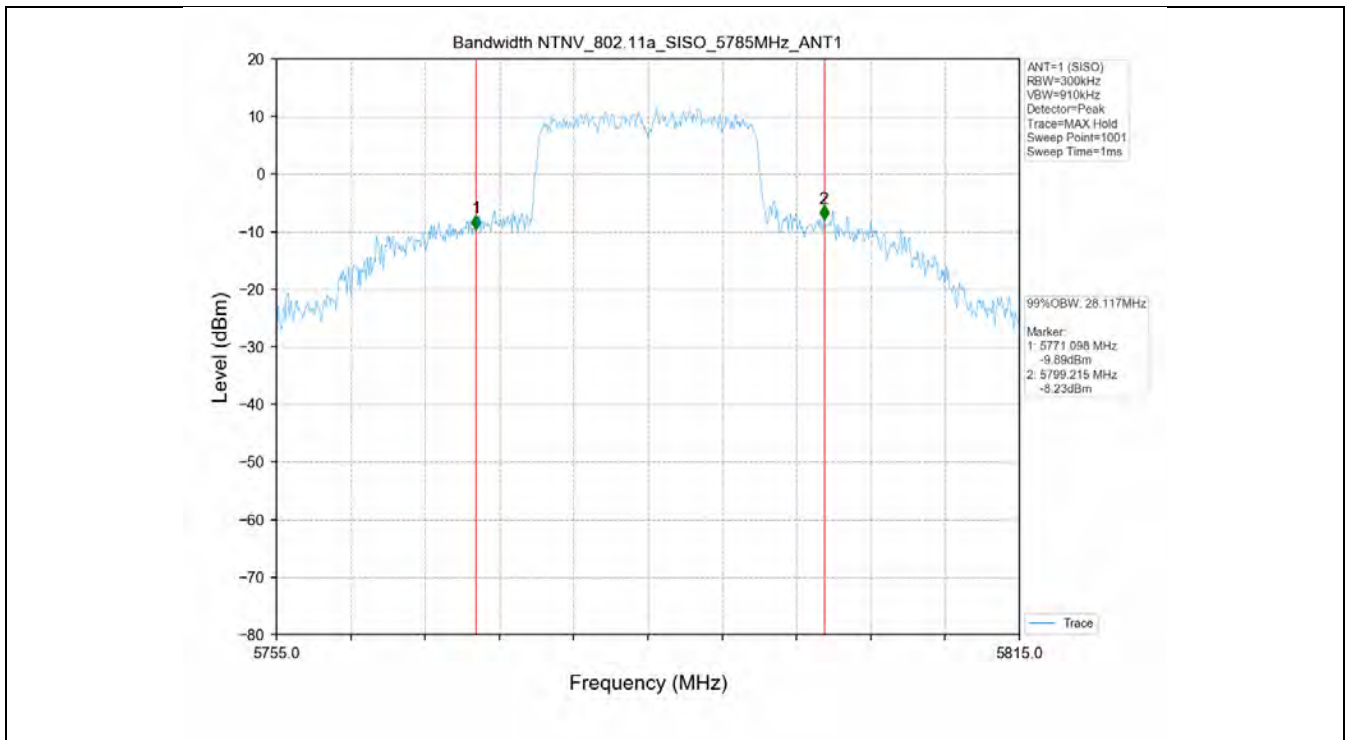
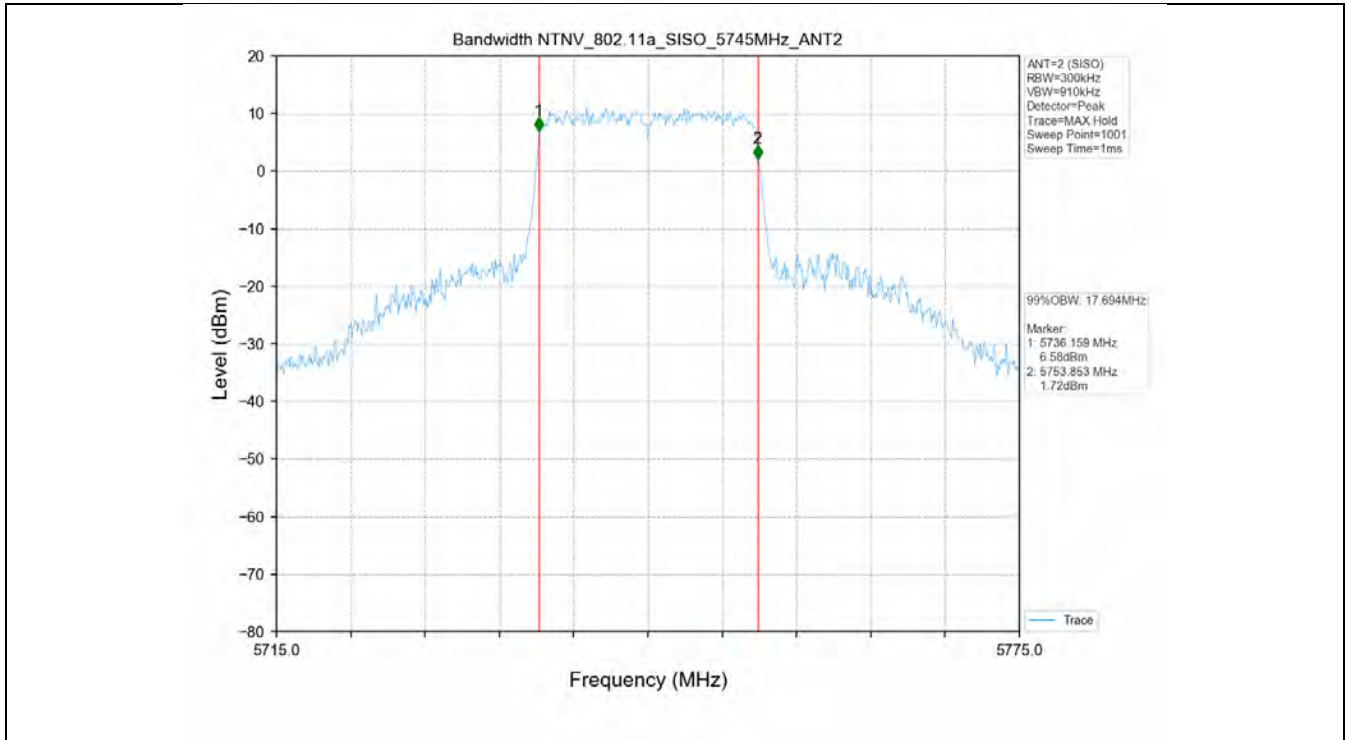
2.3 Test Graph - 99% Occupied Bandwidth

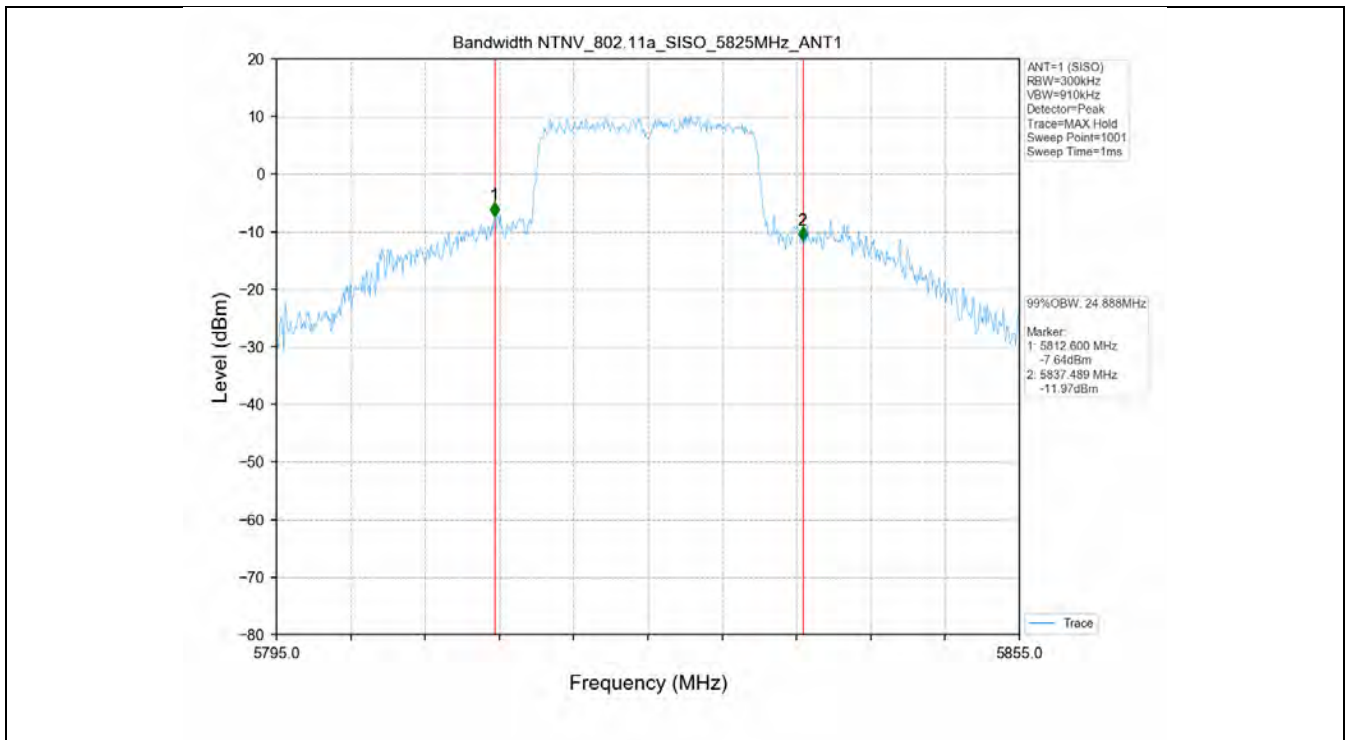
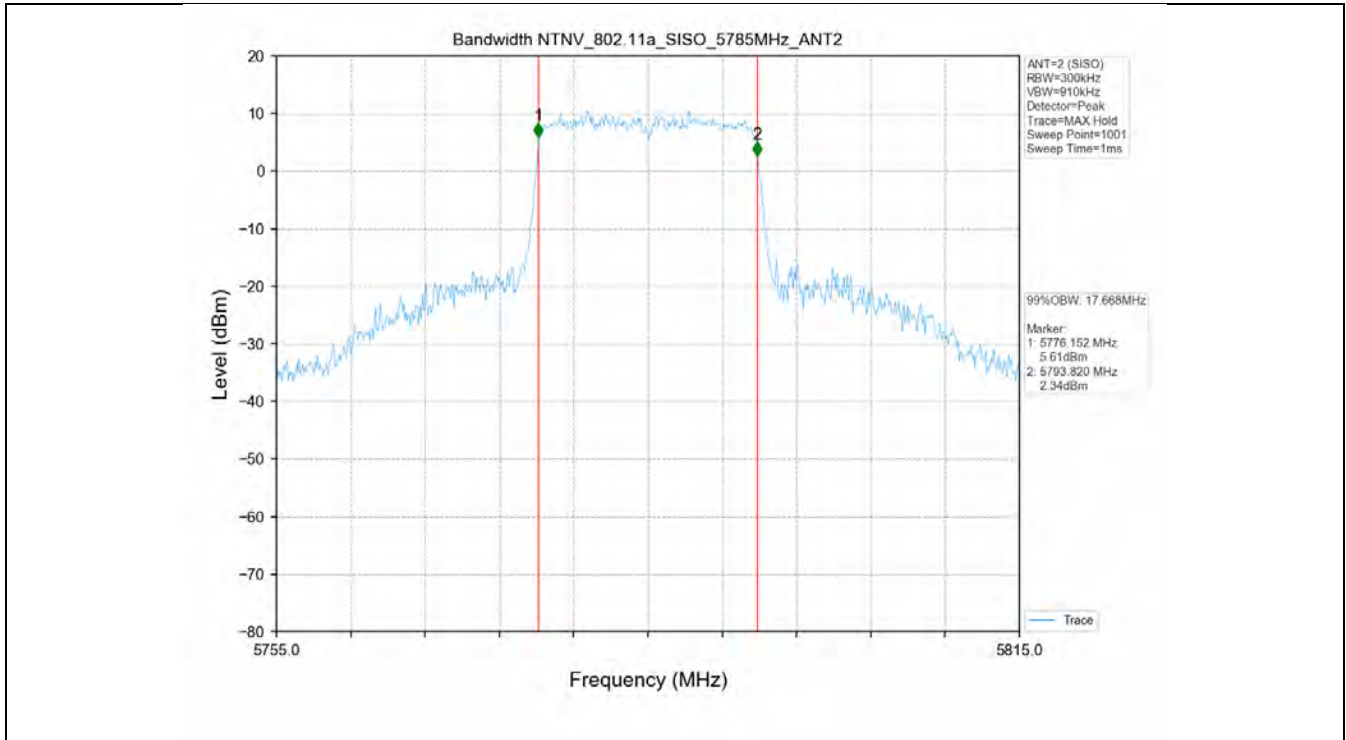


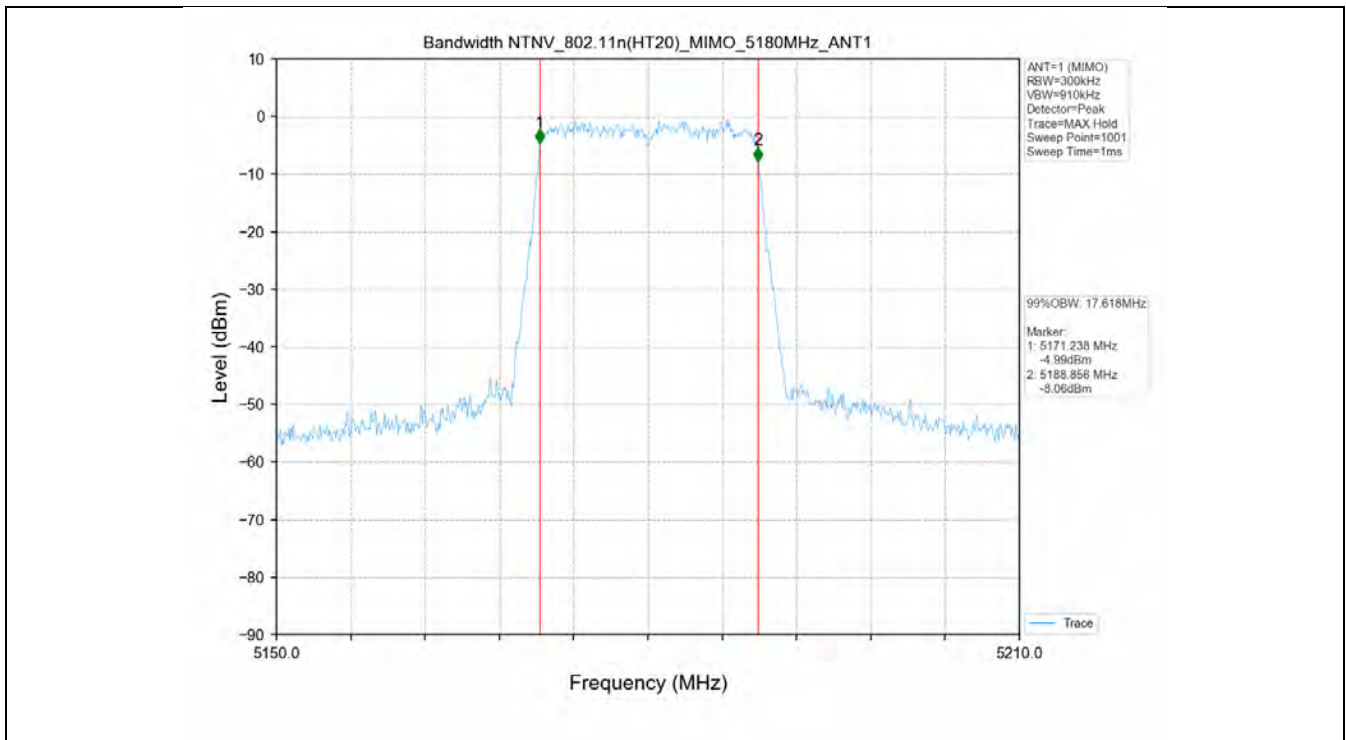
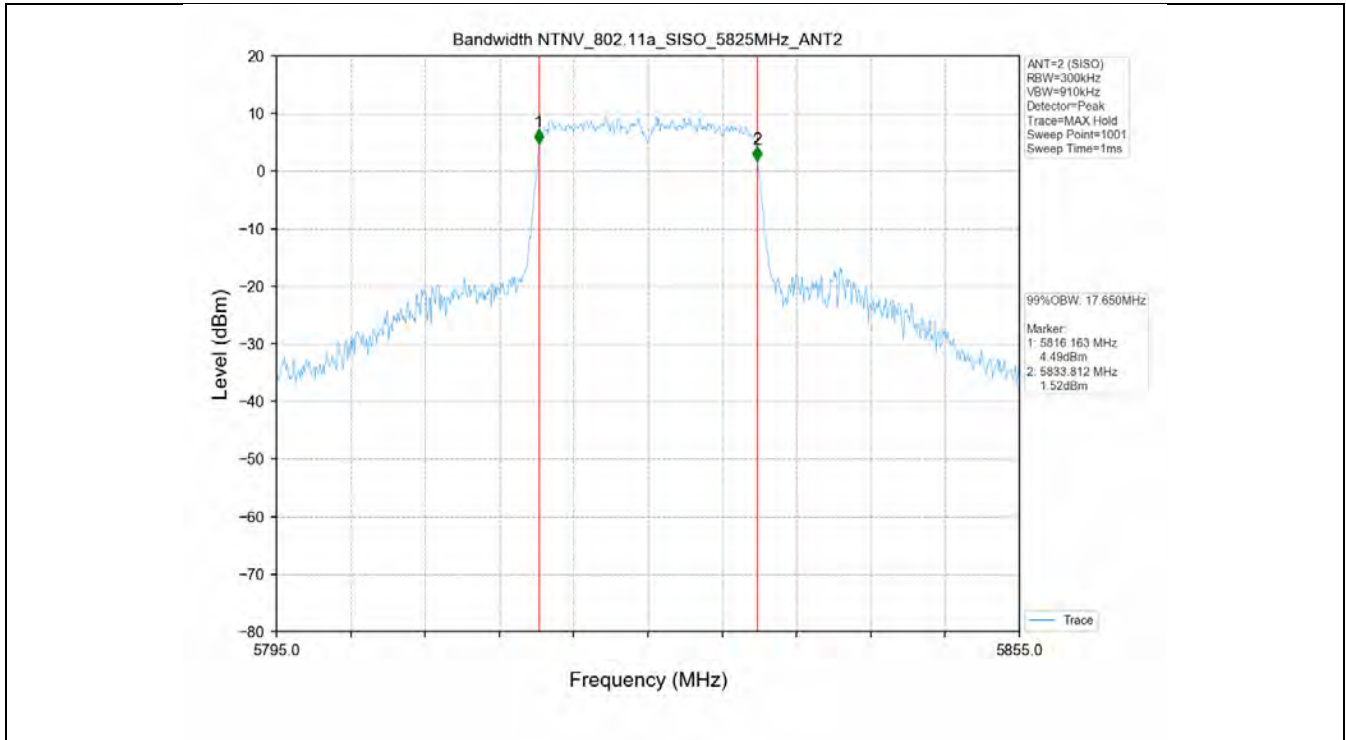


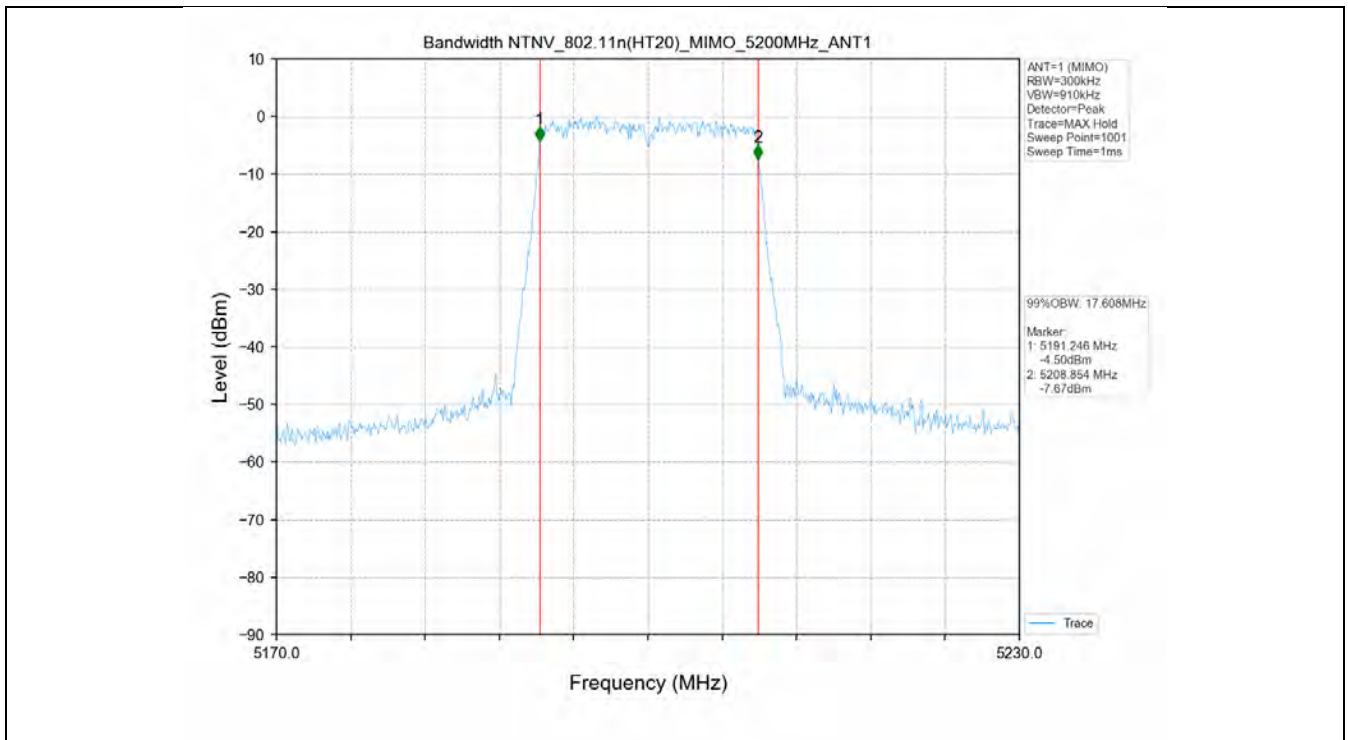
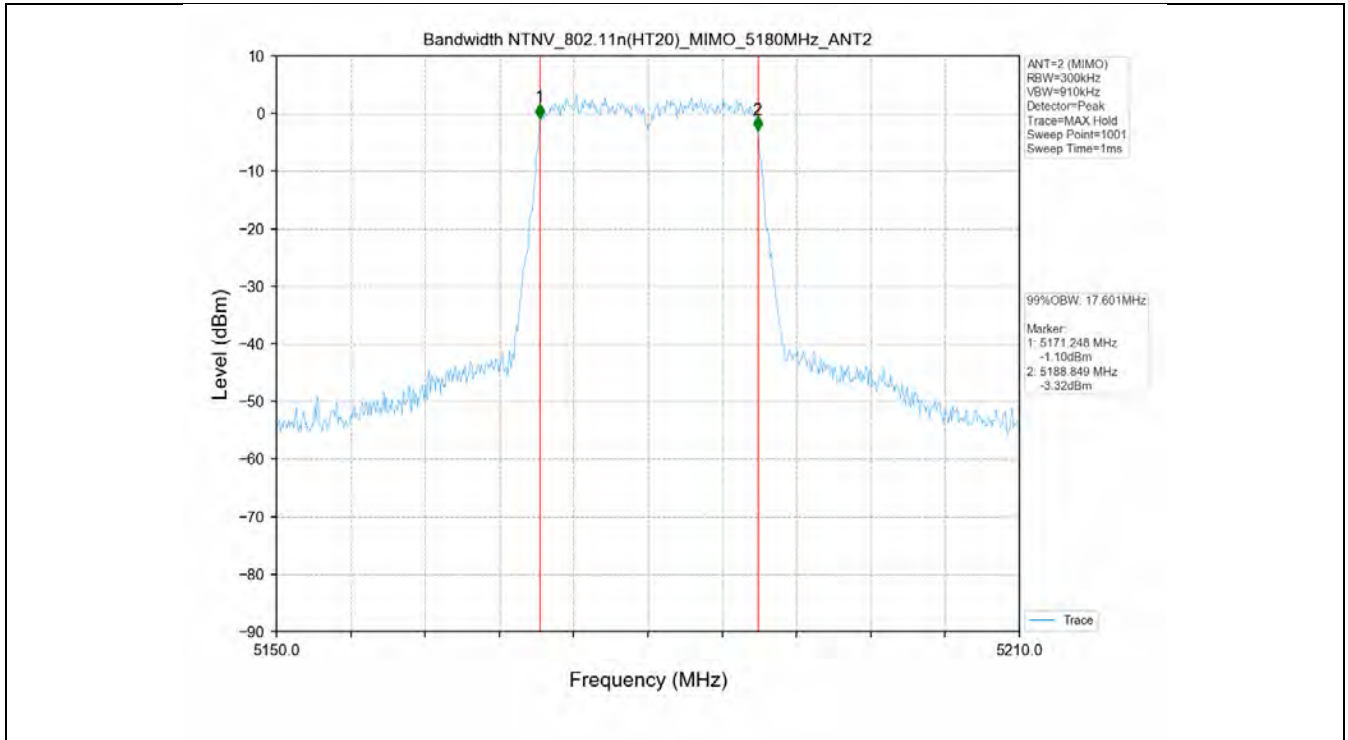


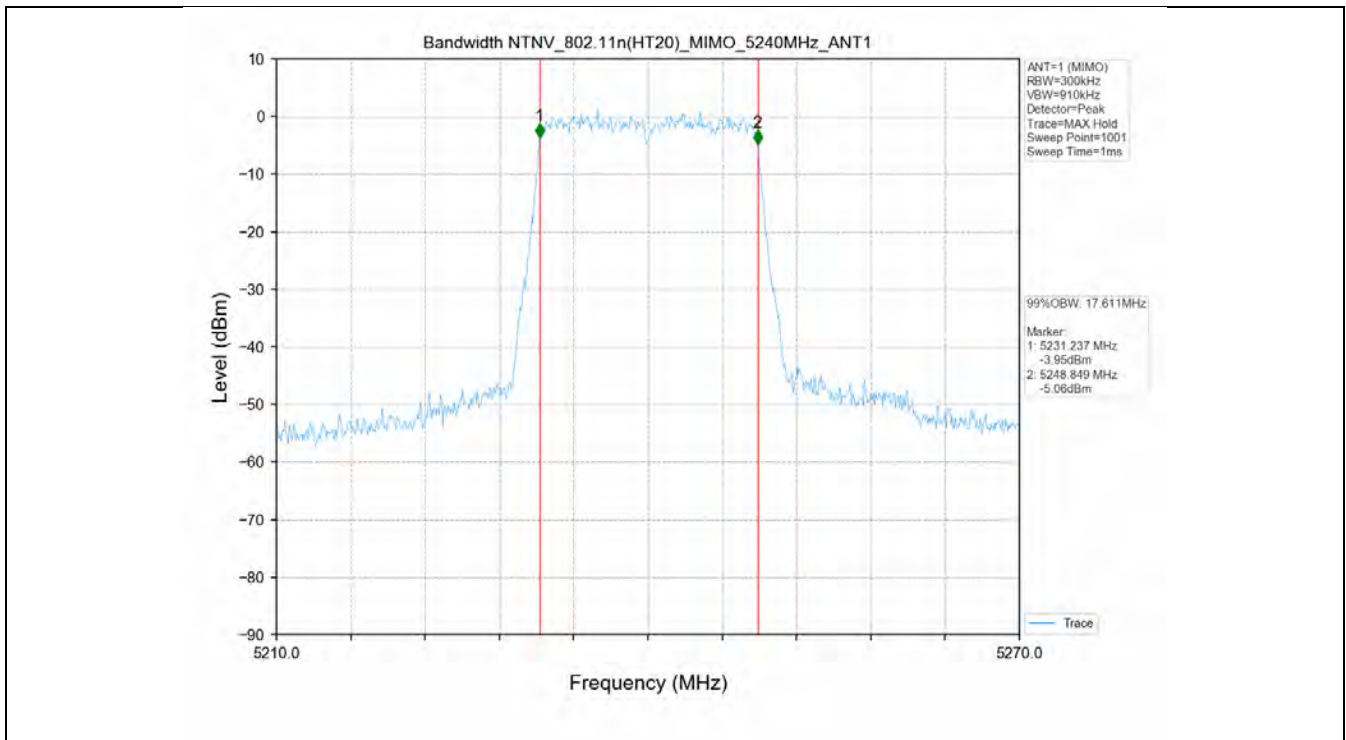
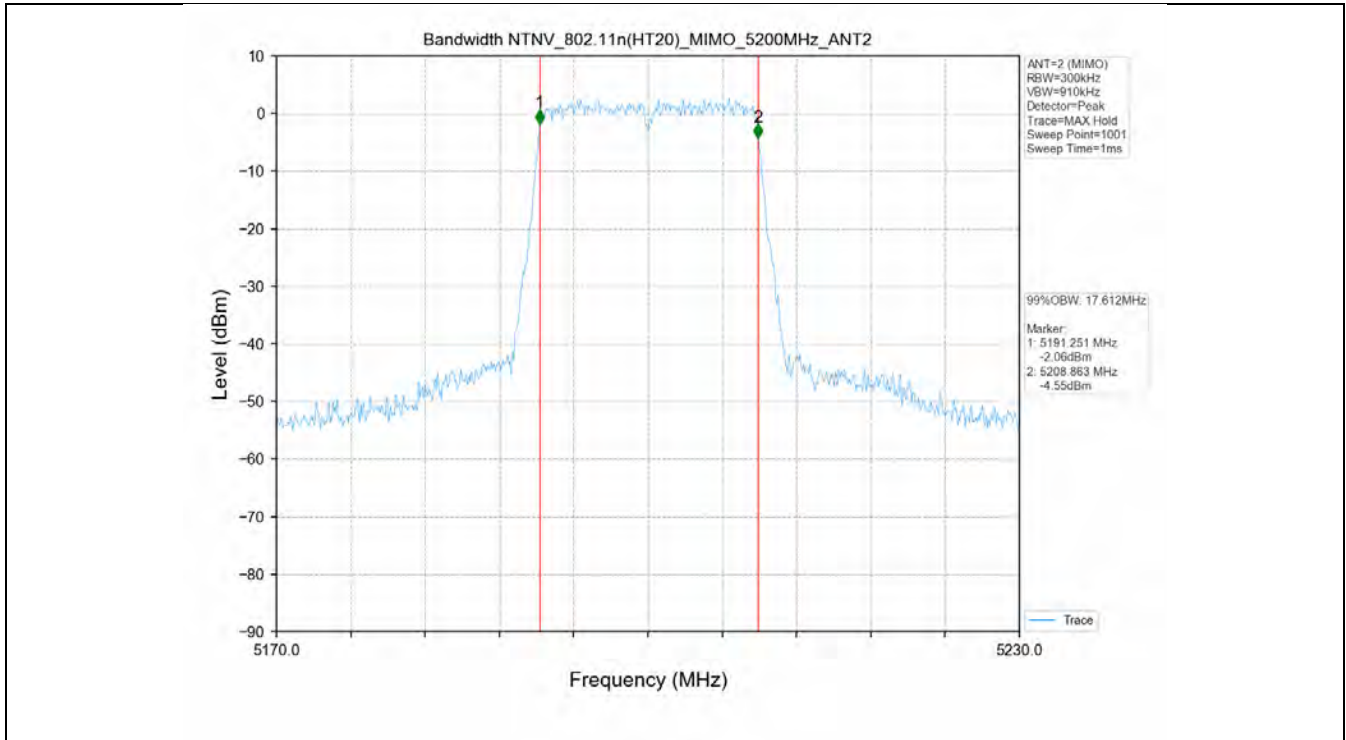


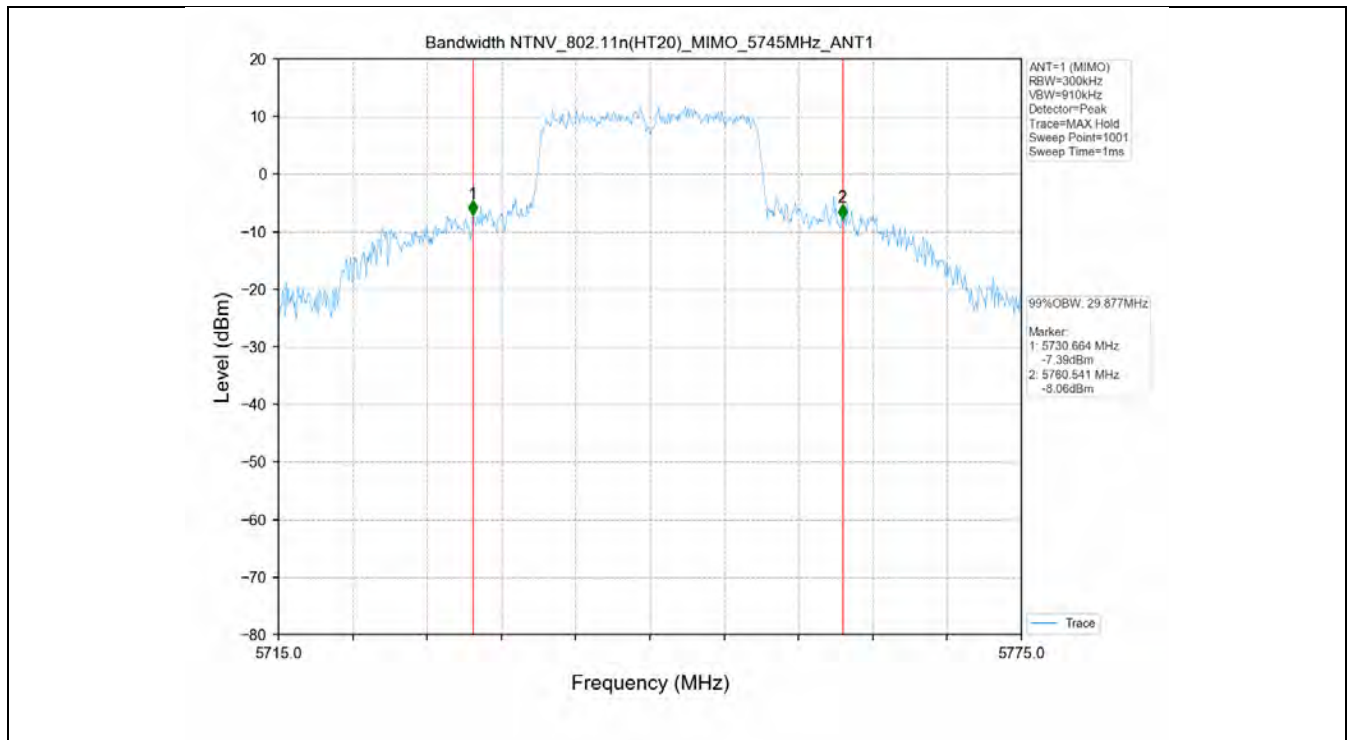
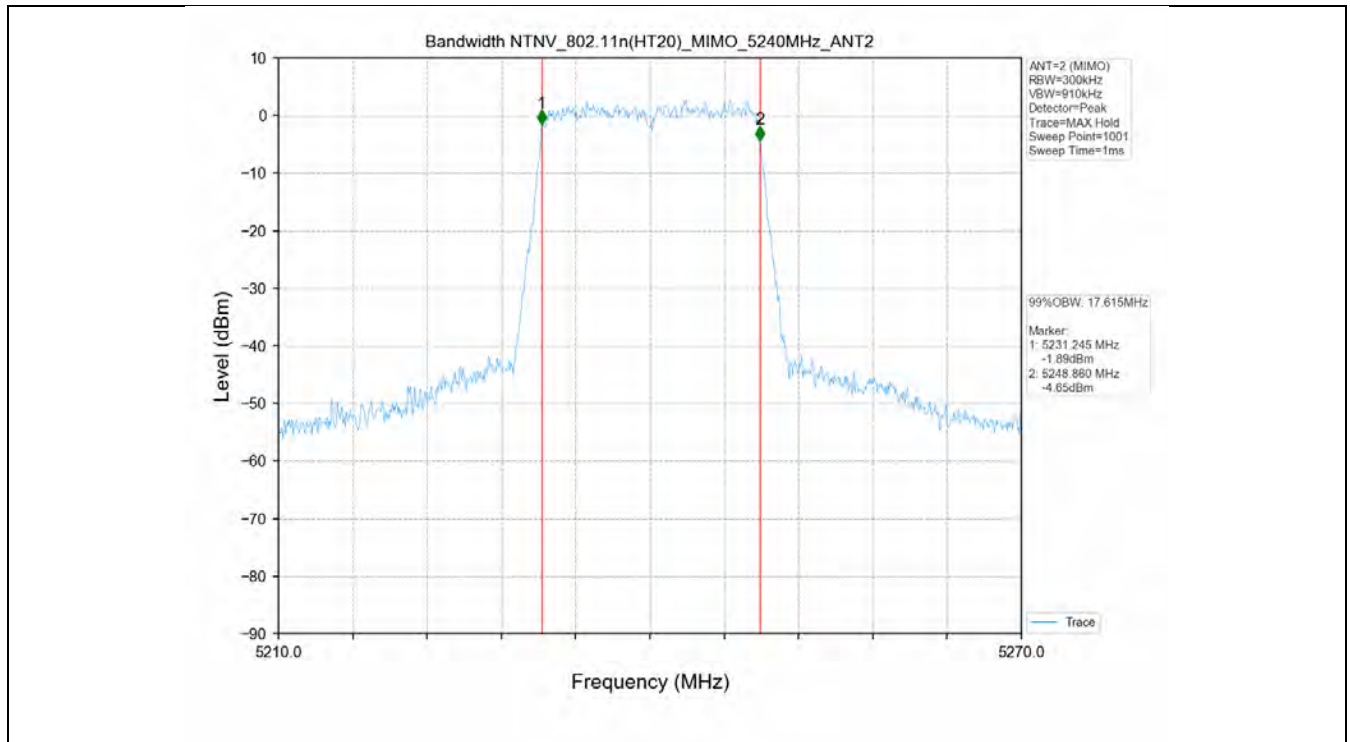


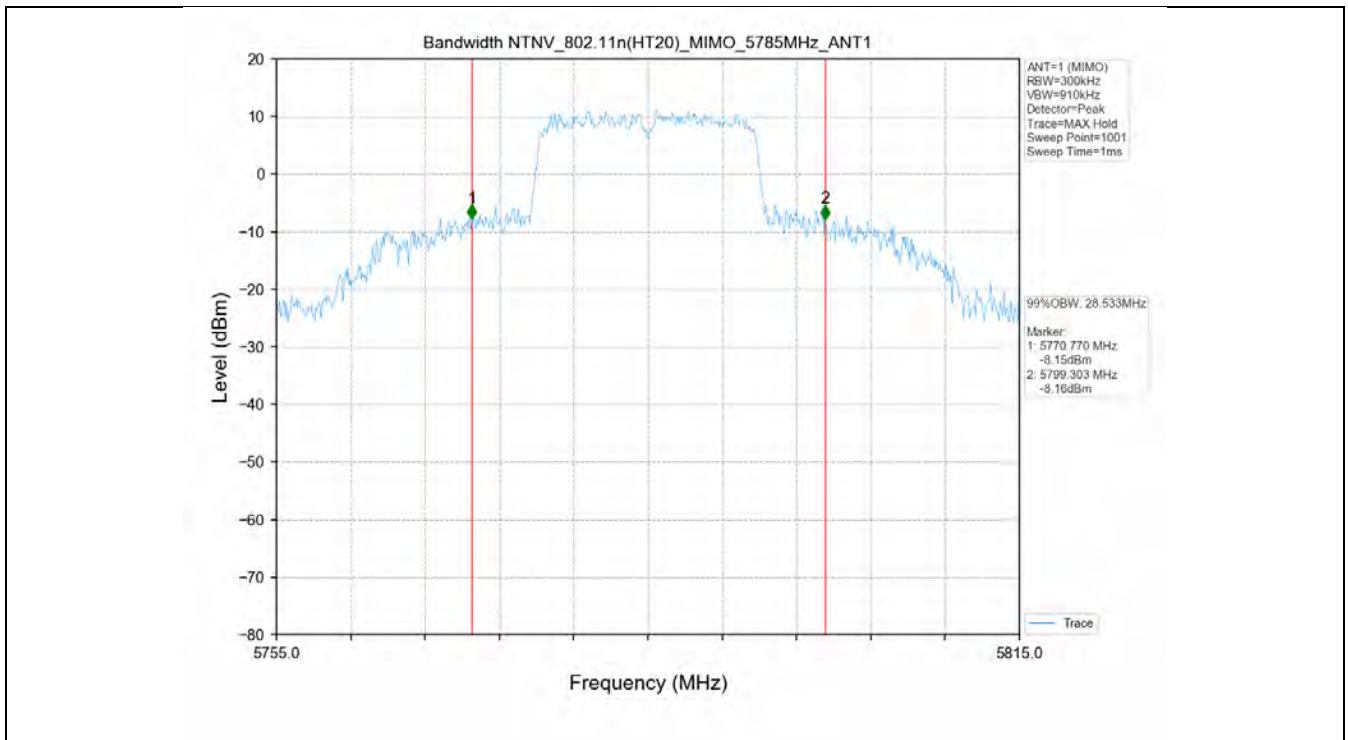
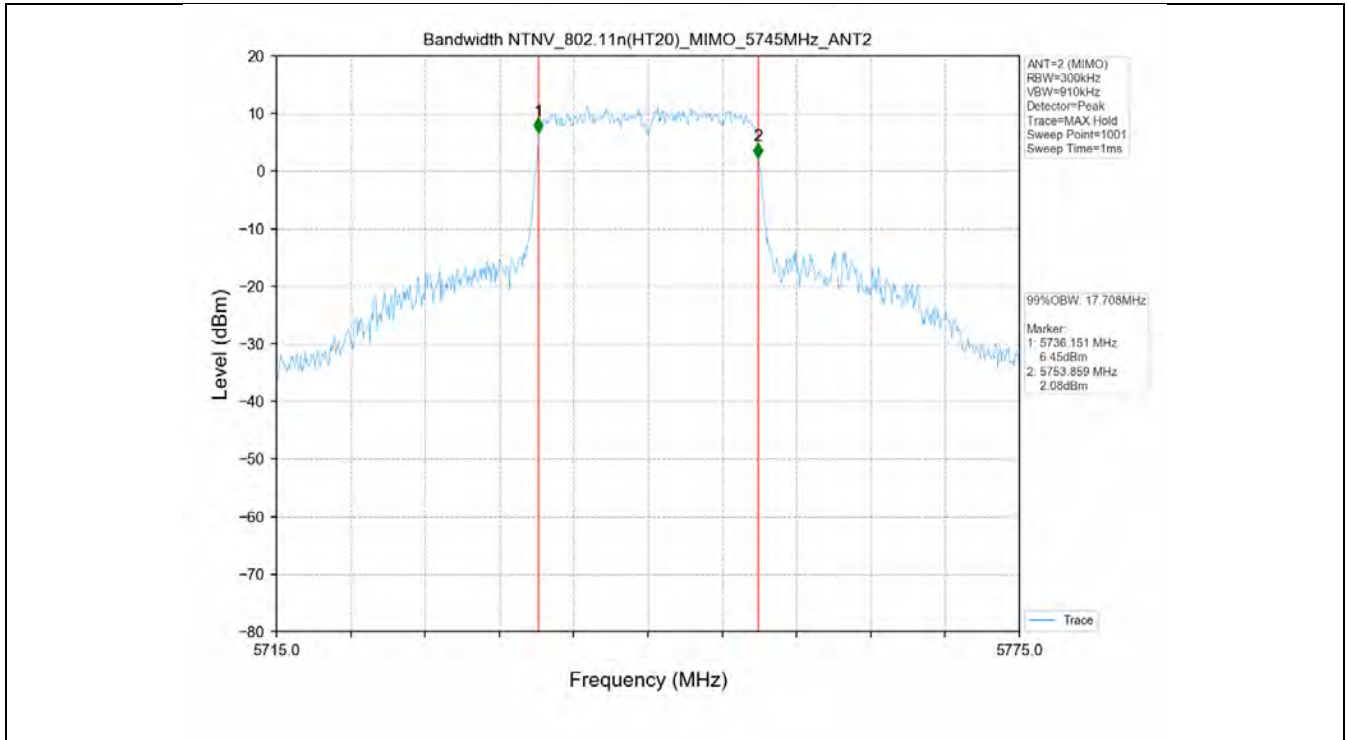


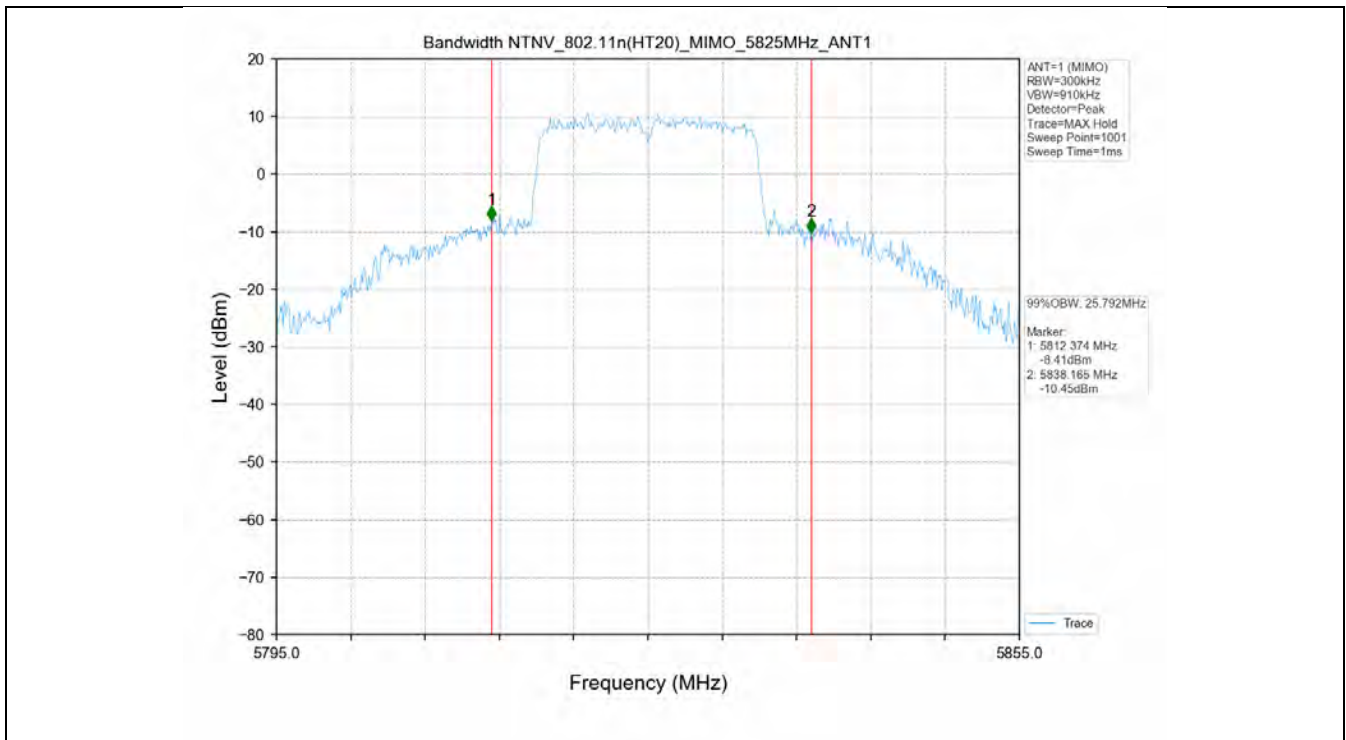
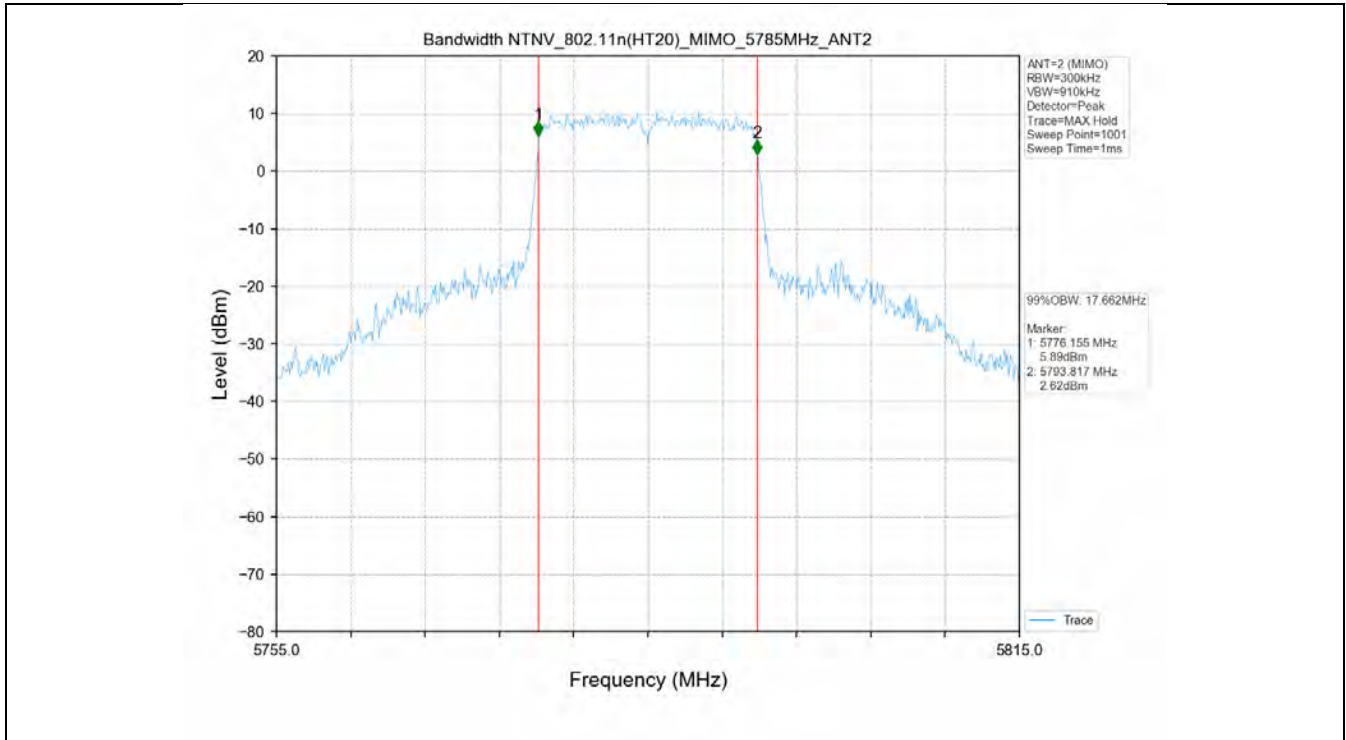


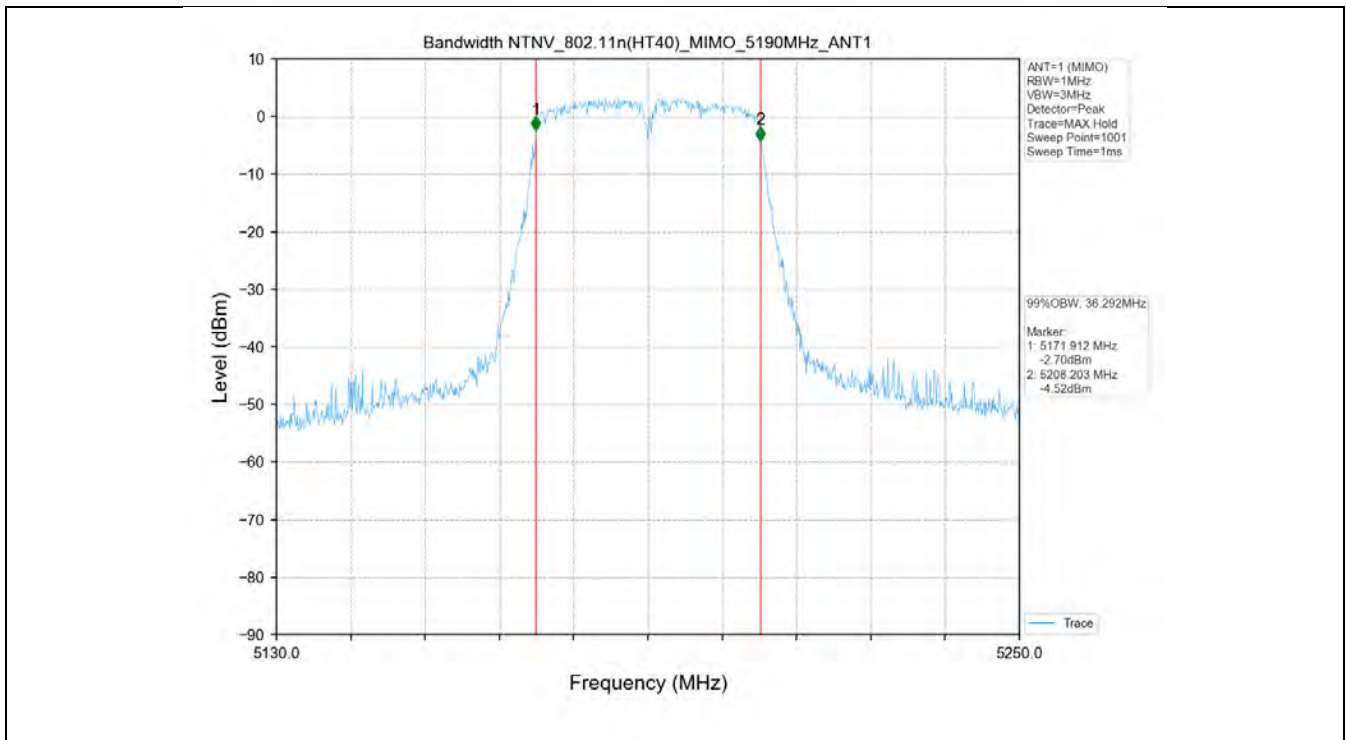
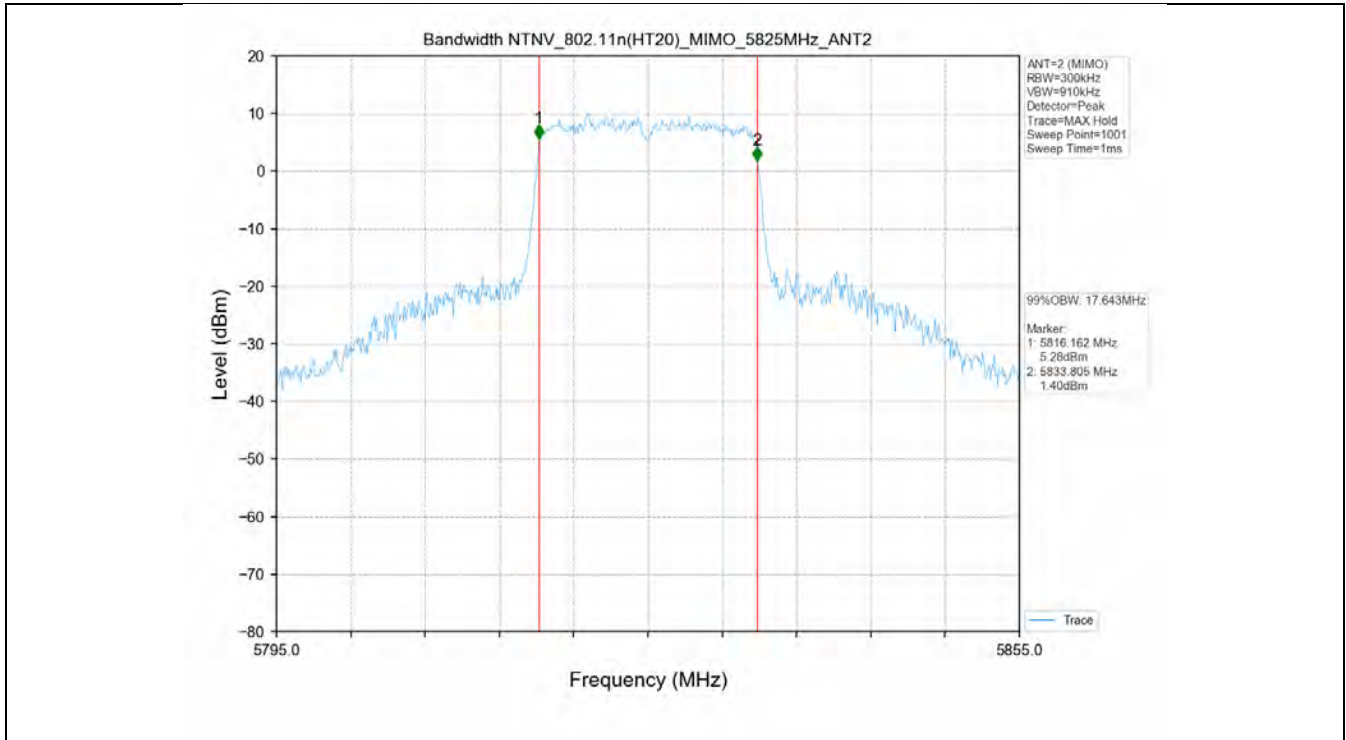


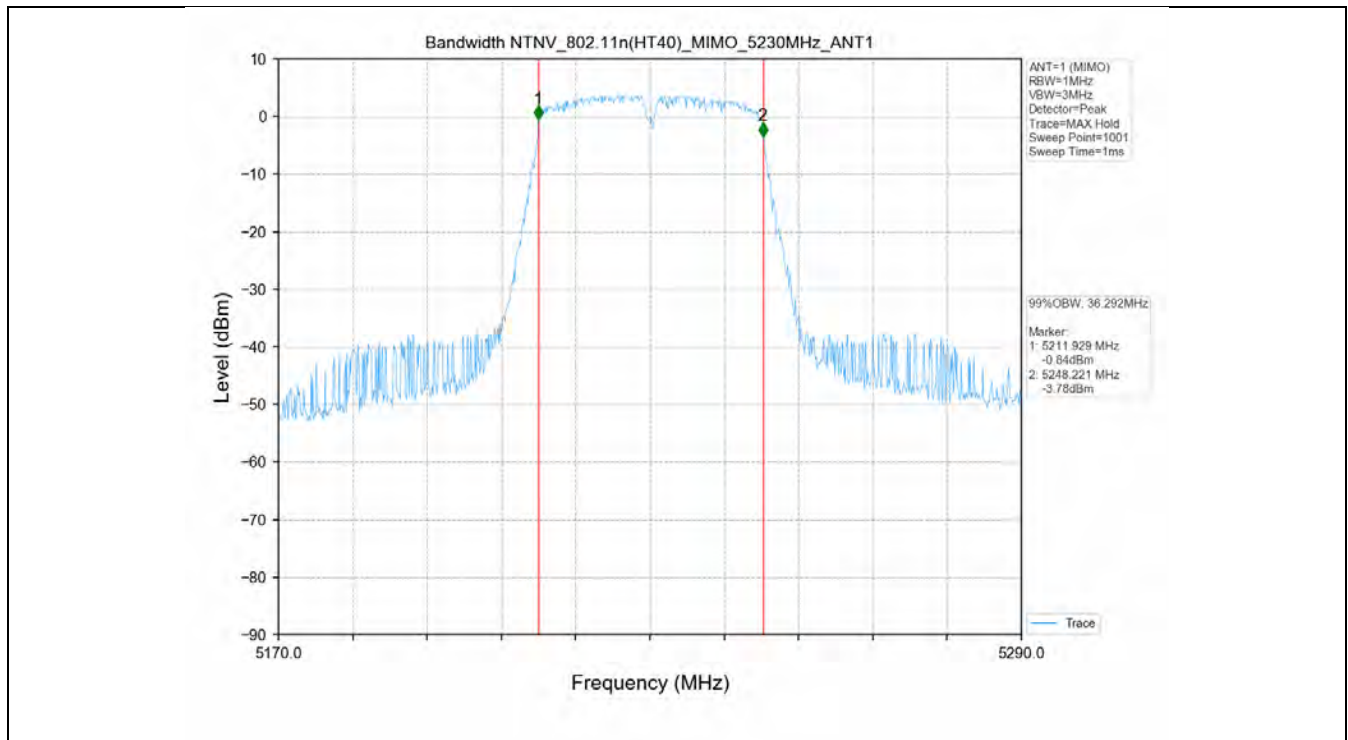
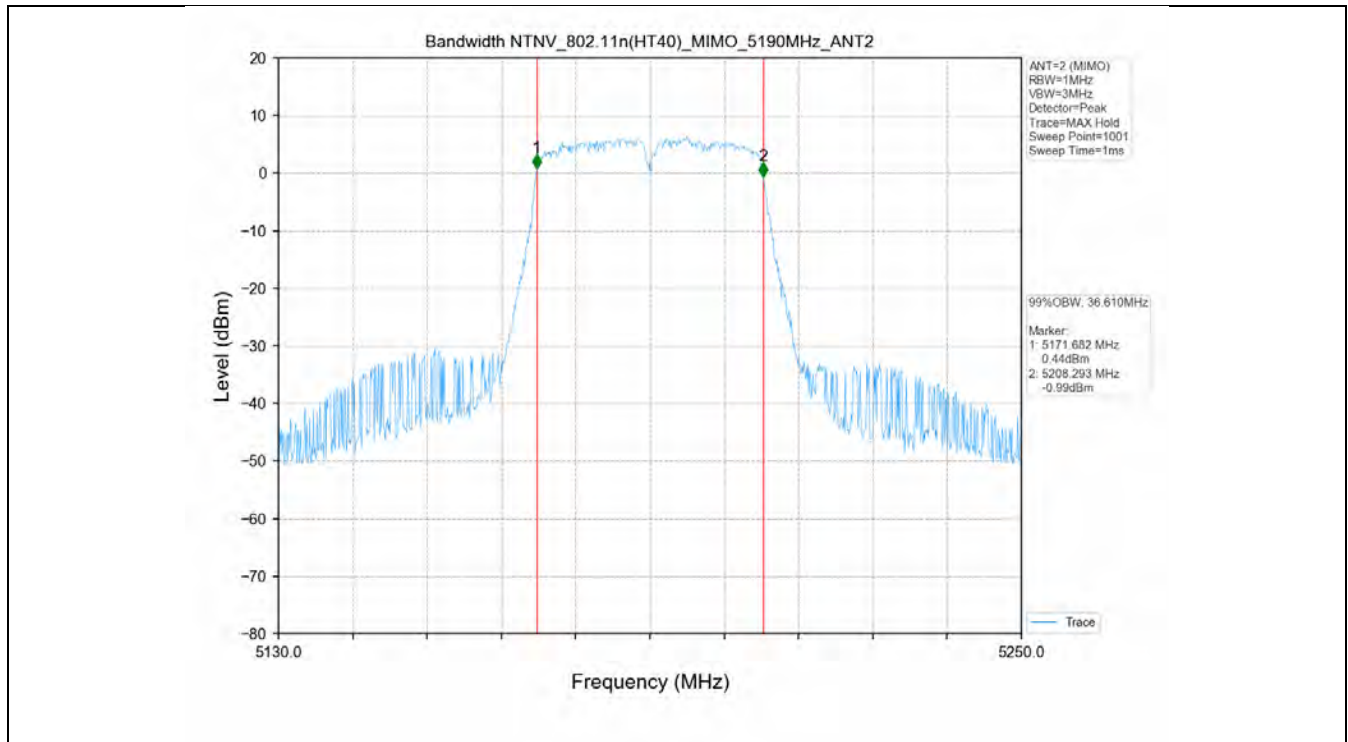


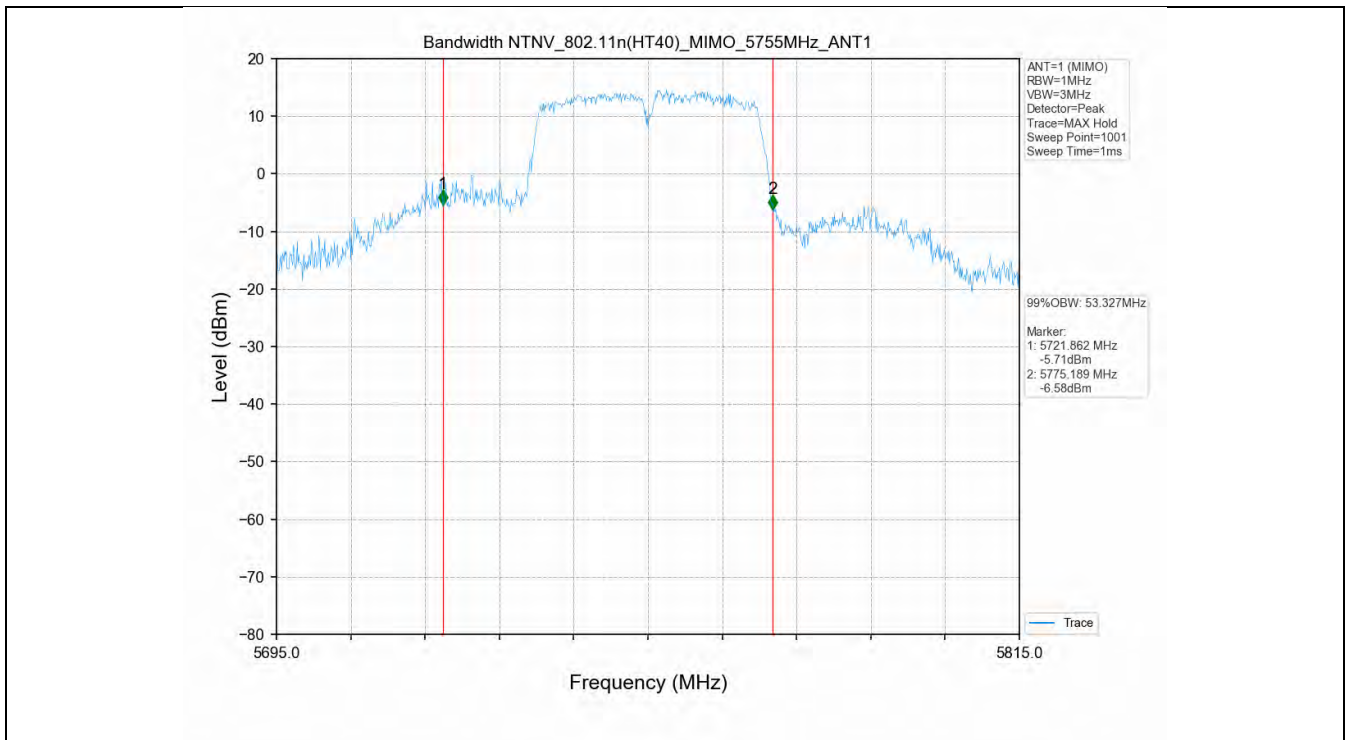
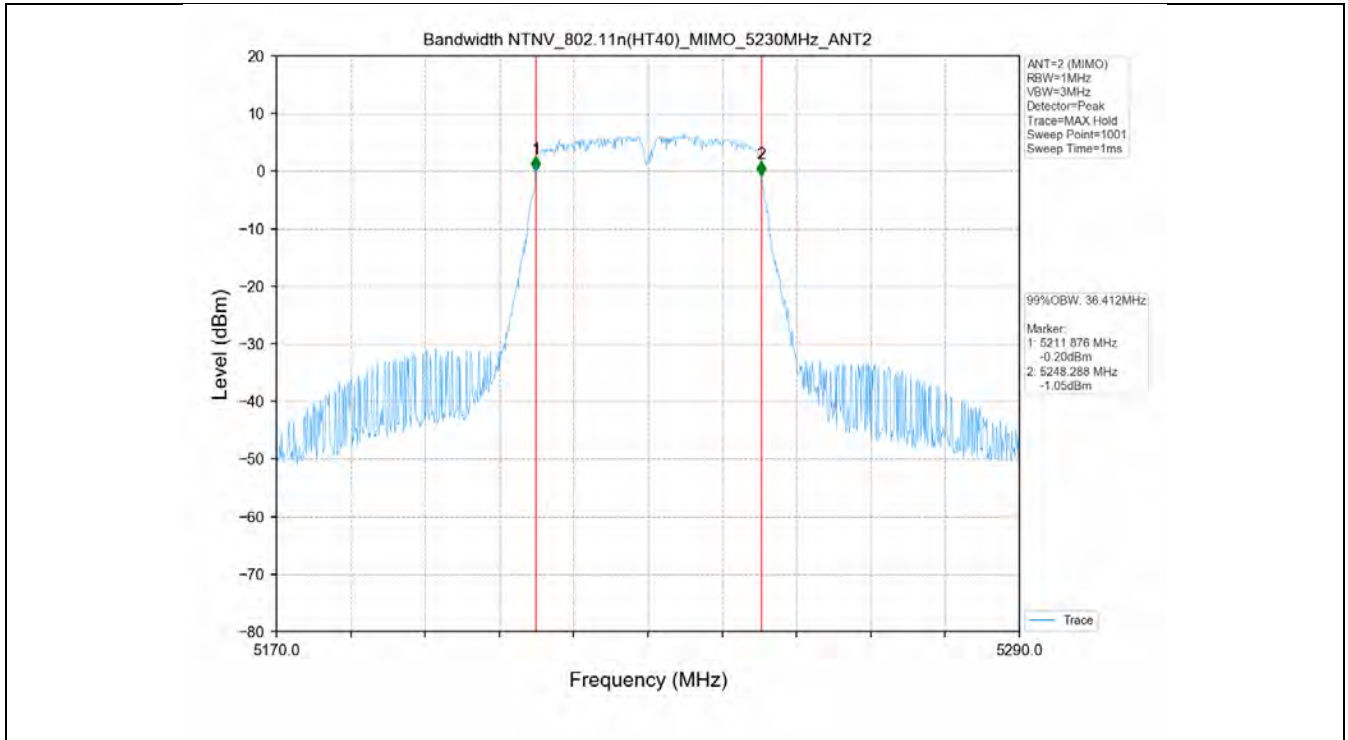


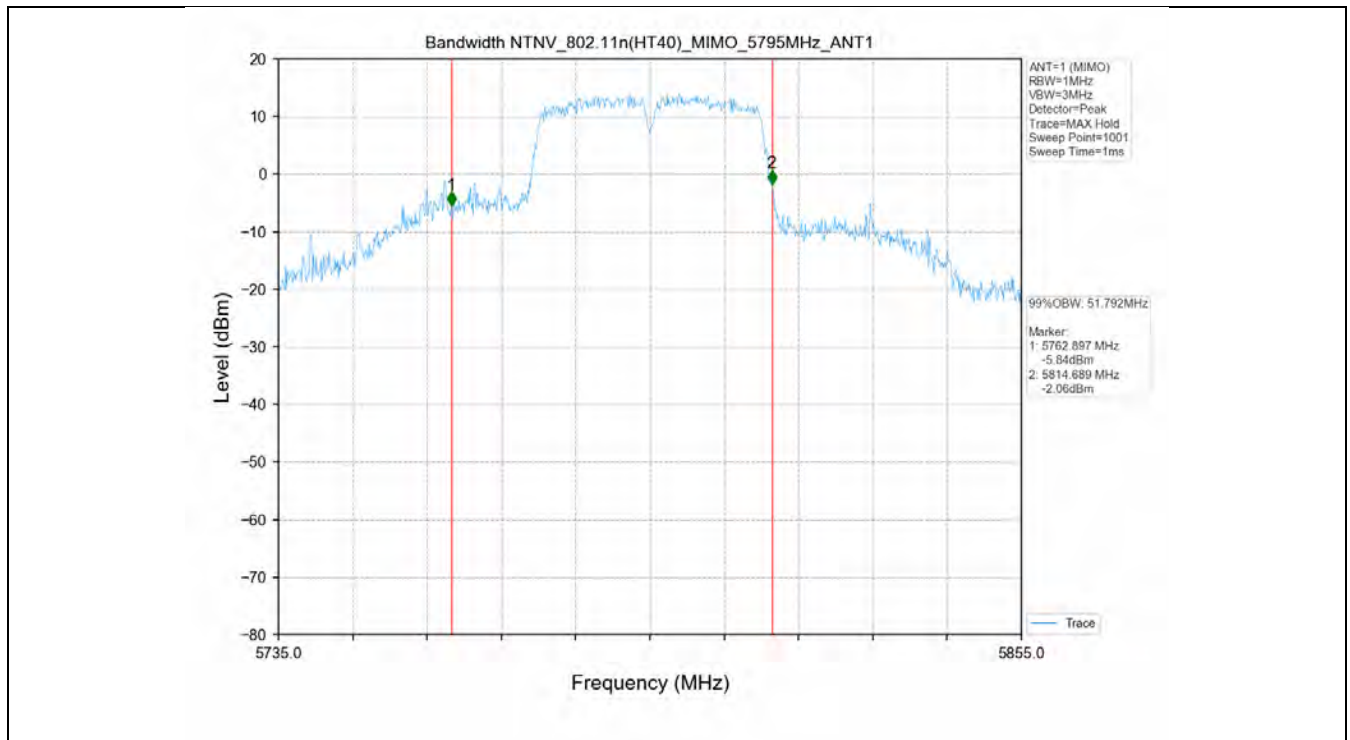
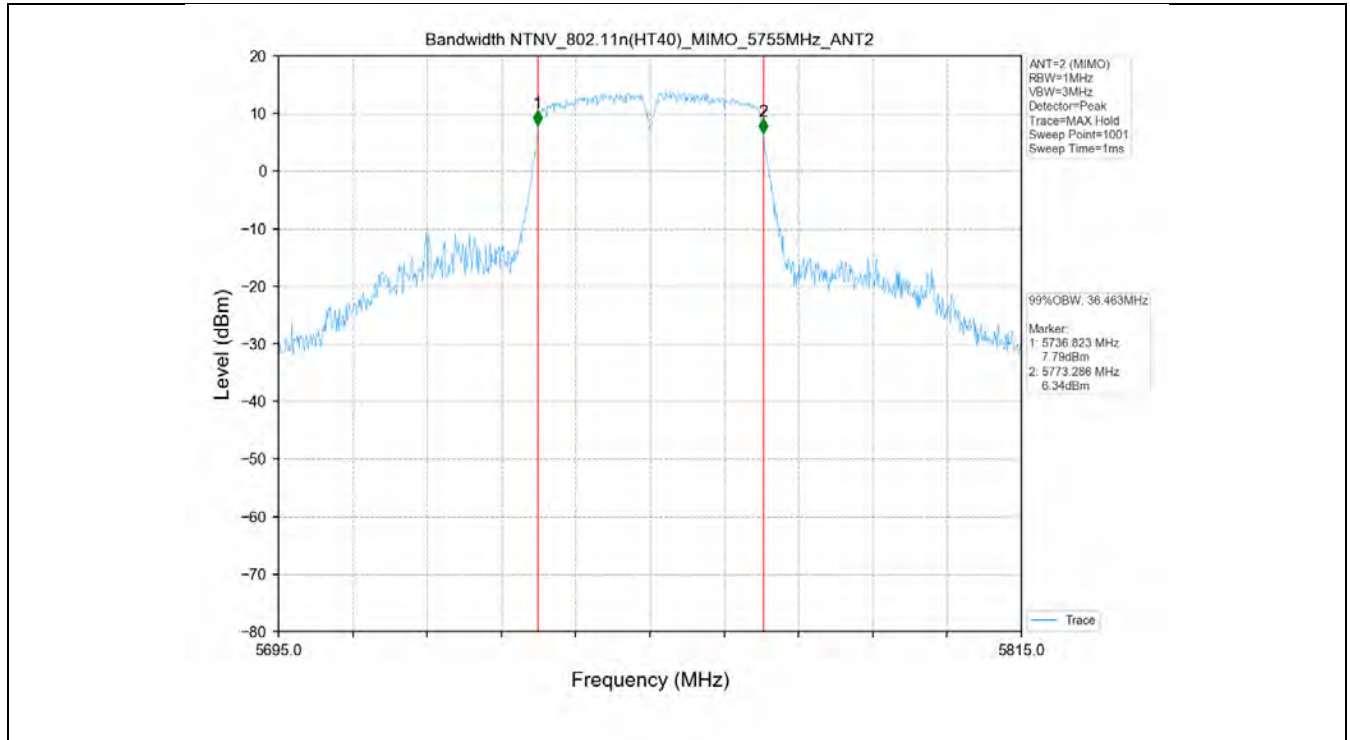


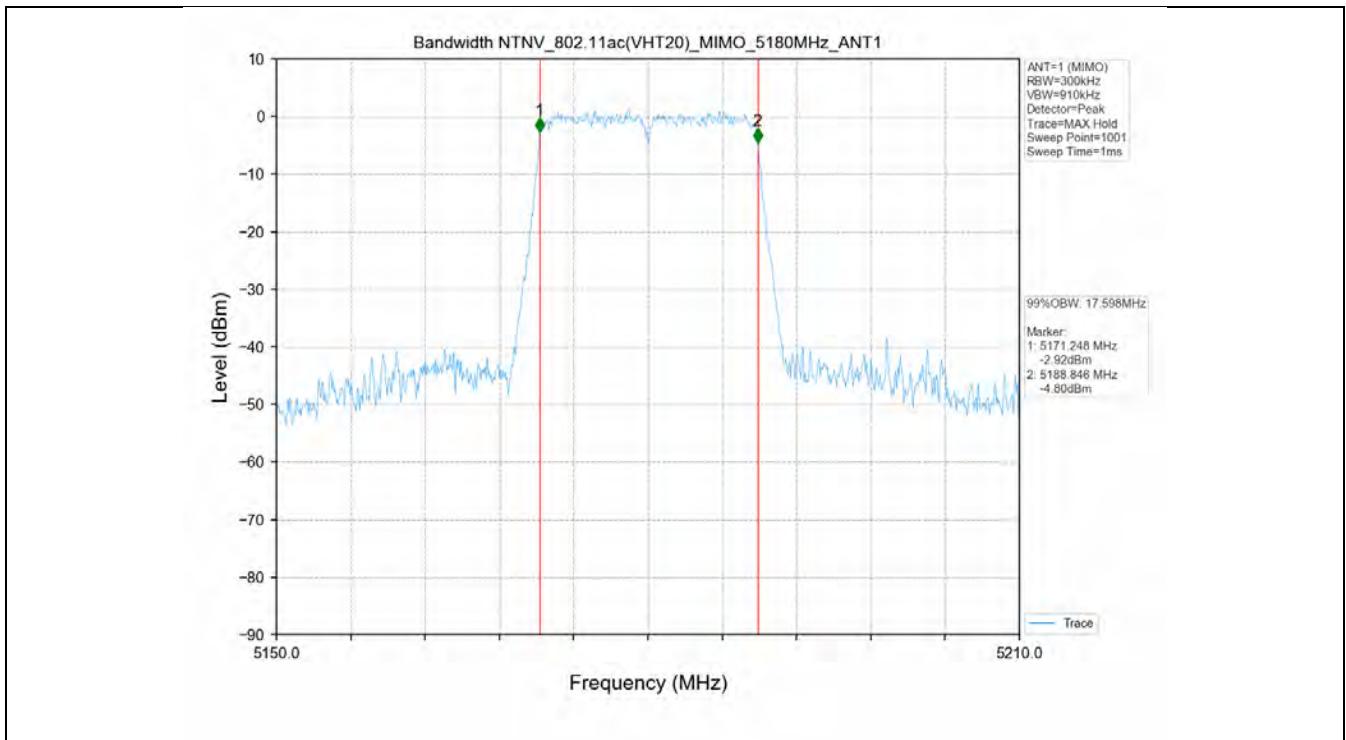
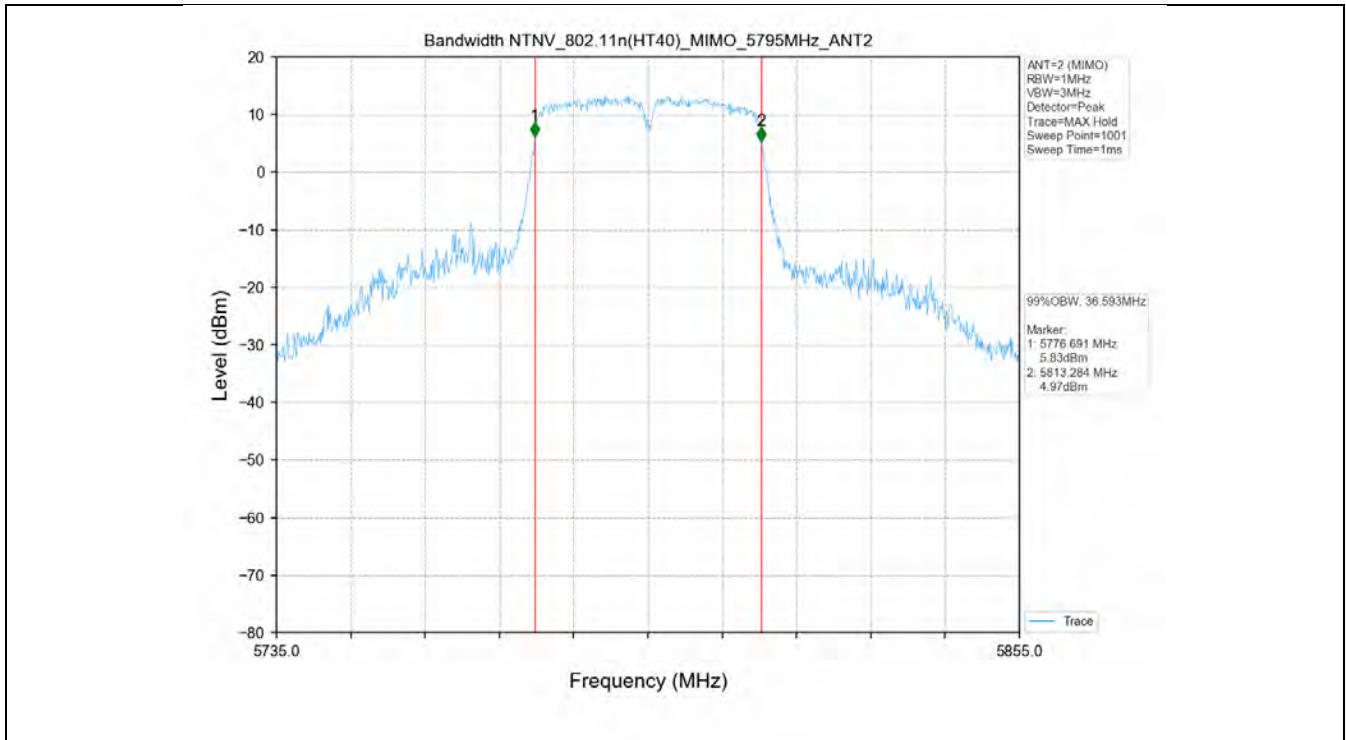


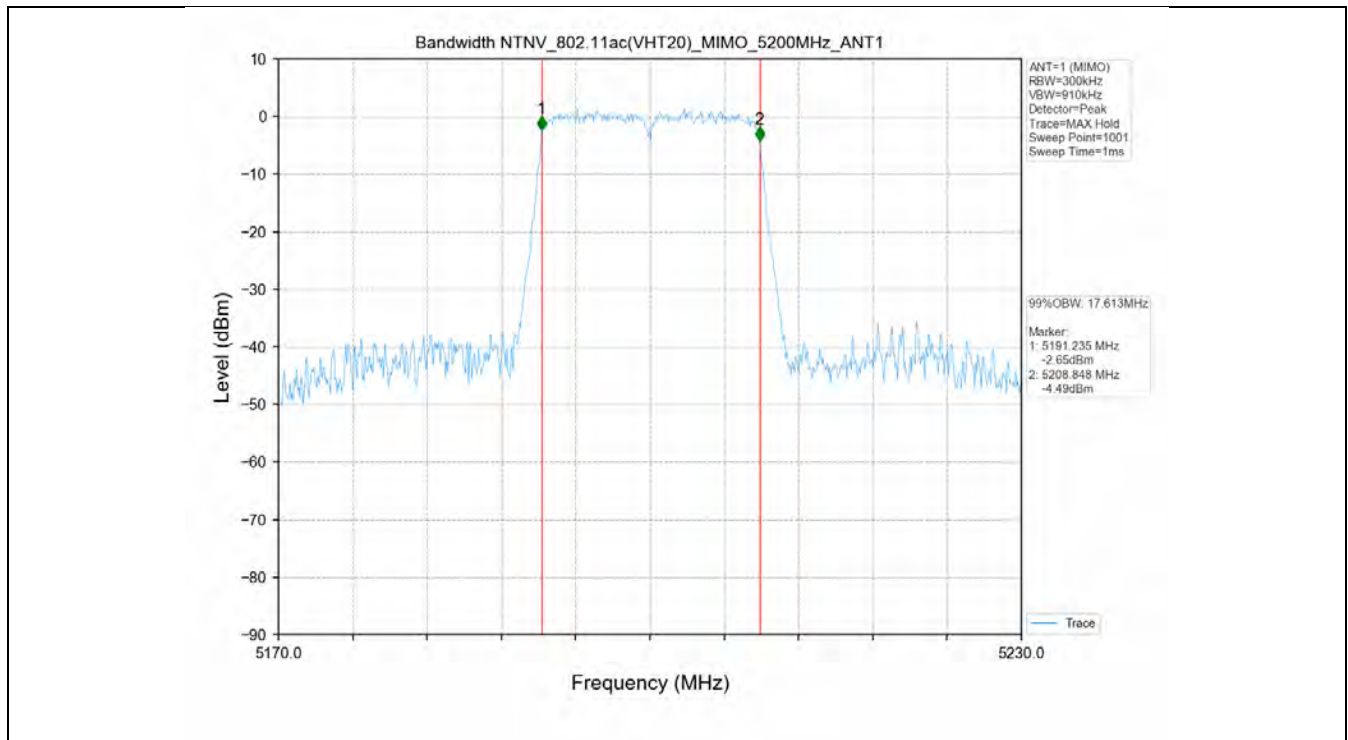
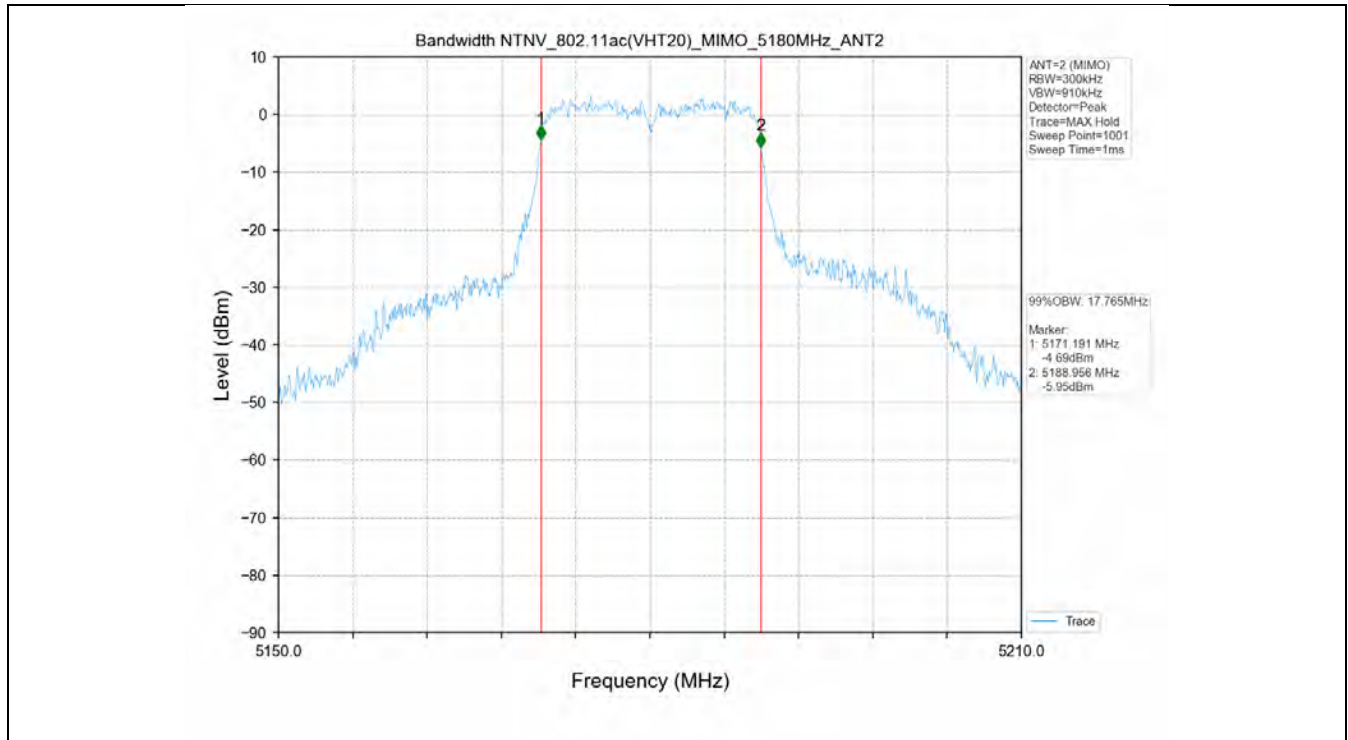


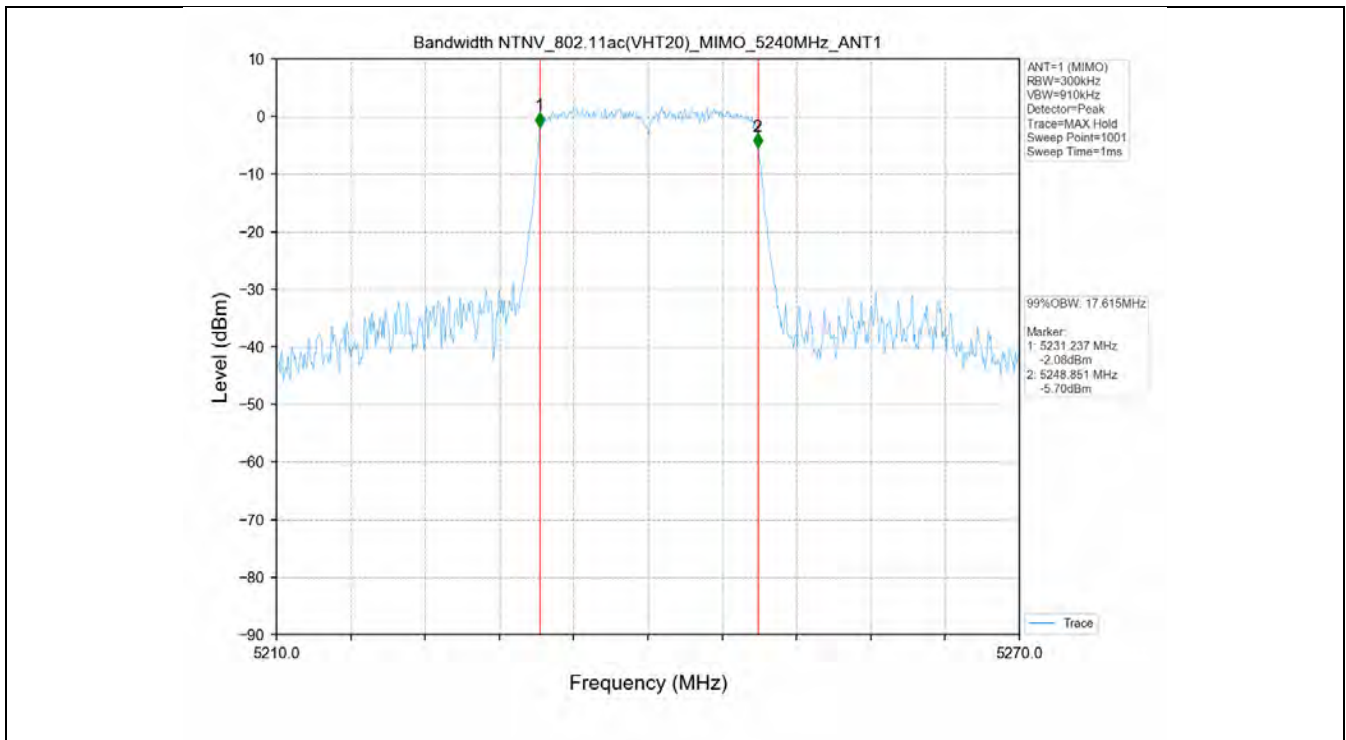
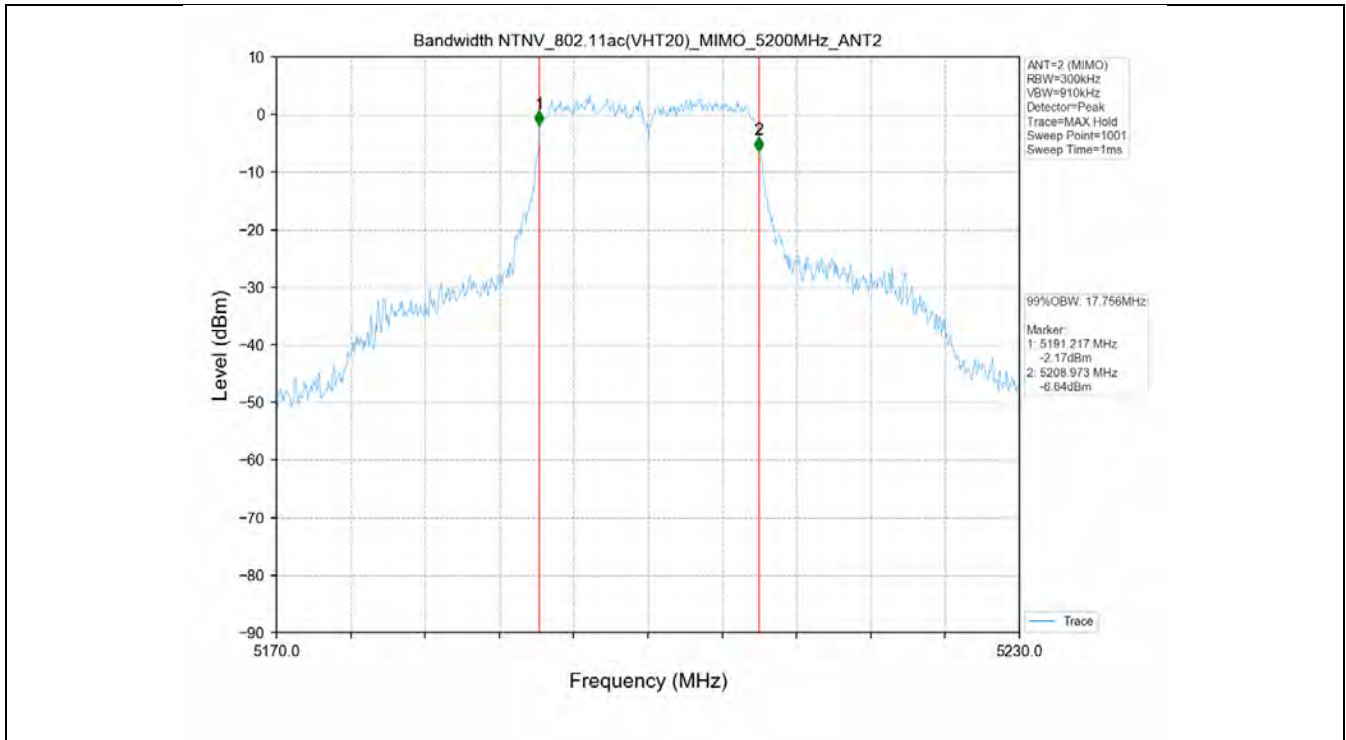


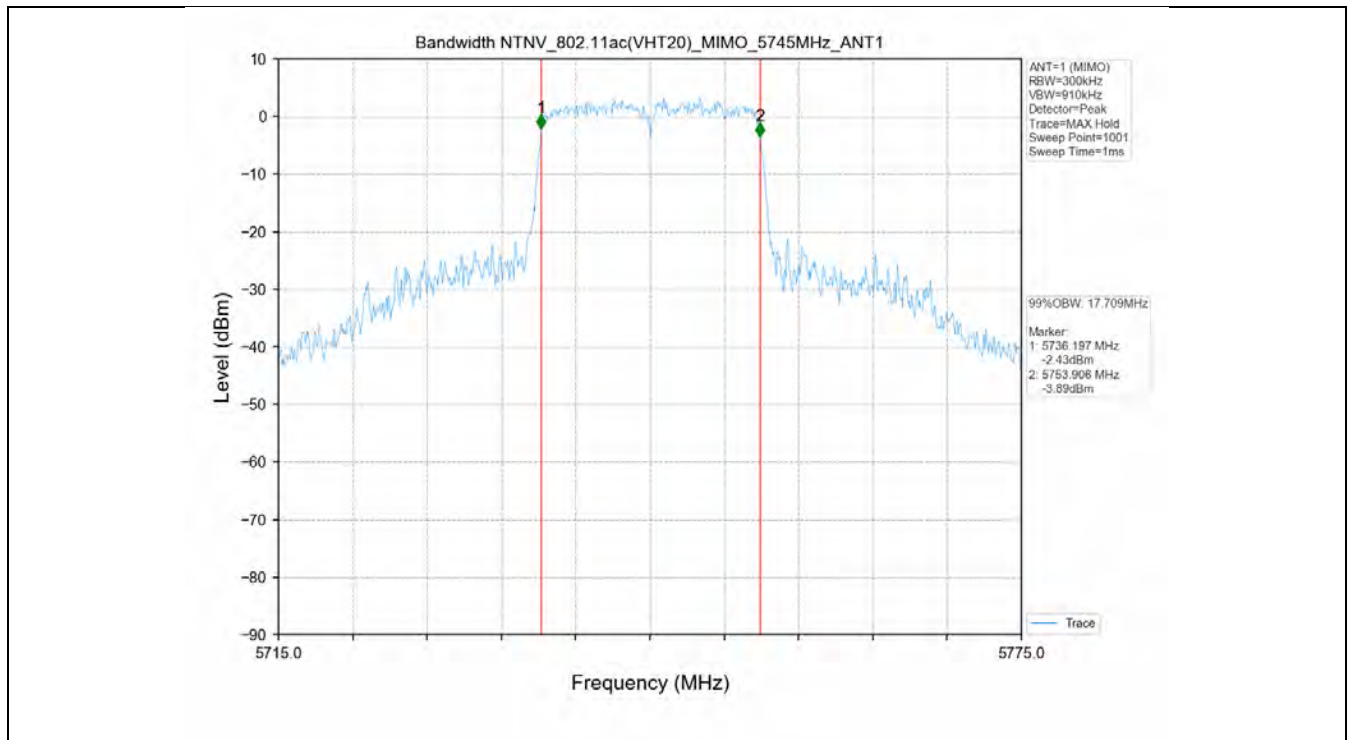
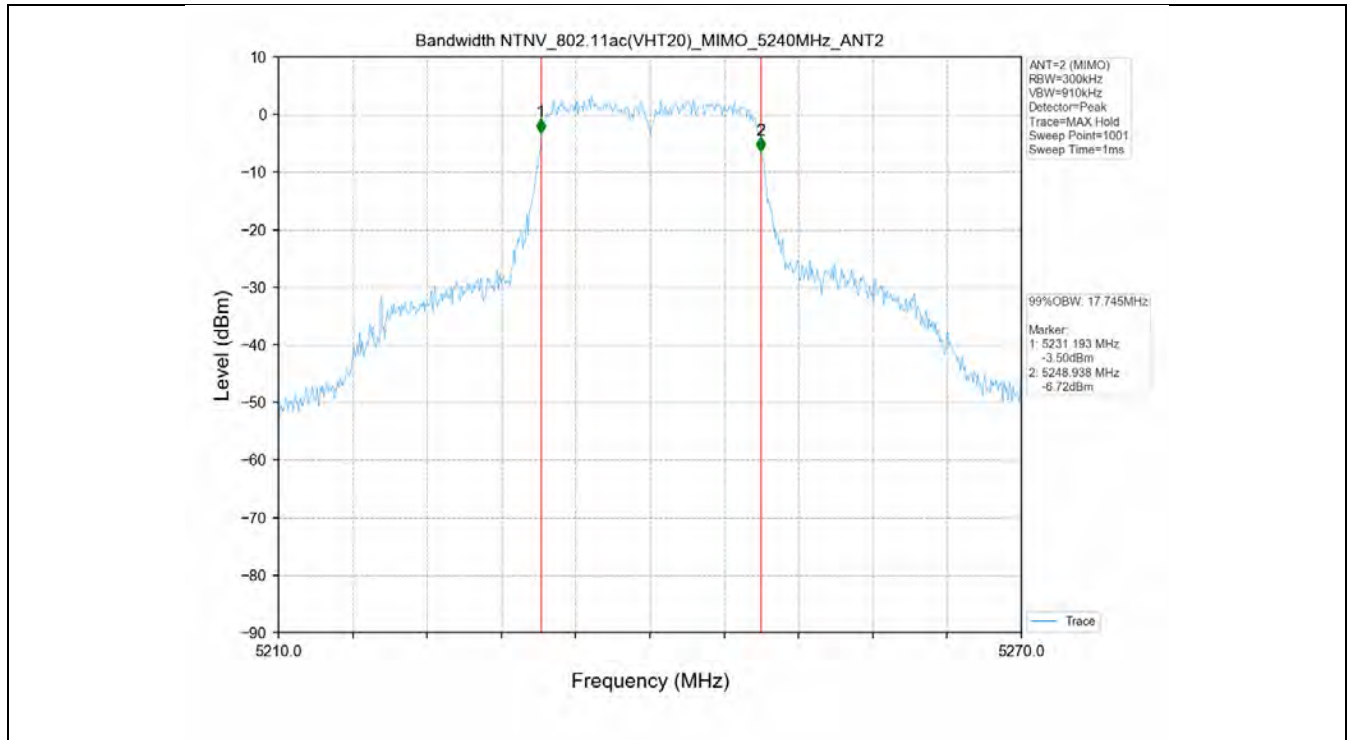


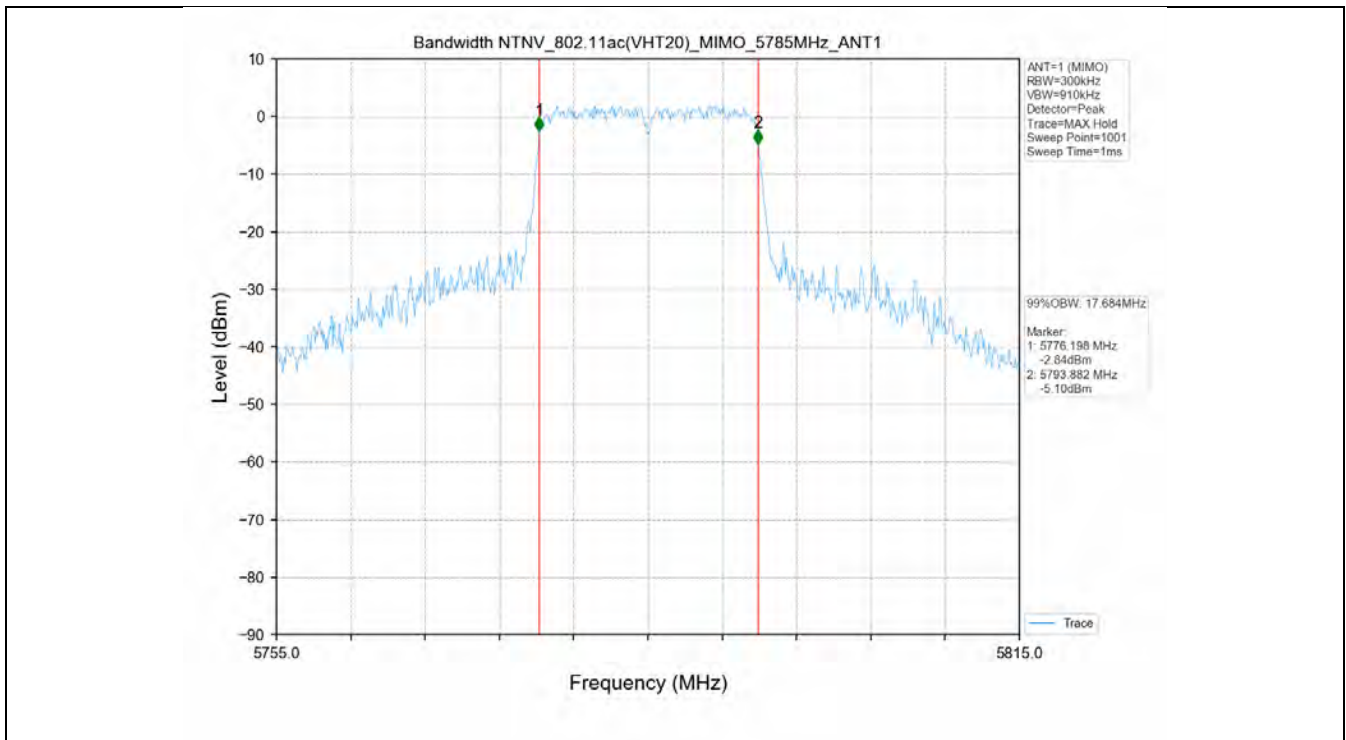
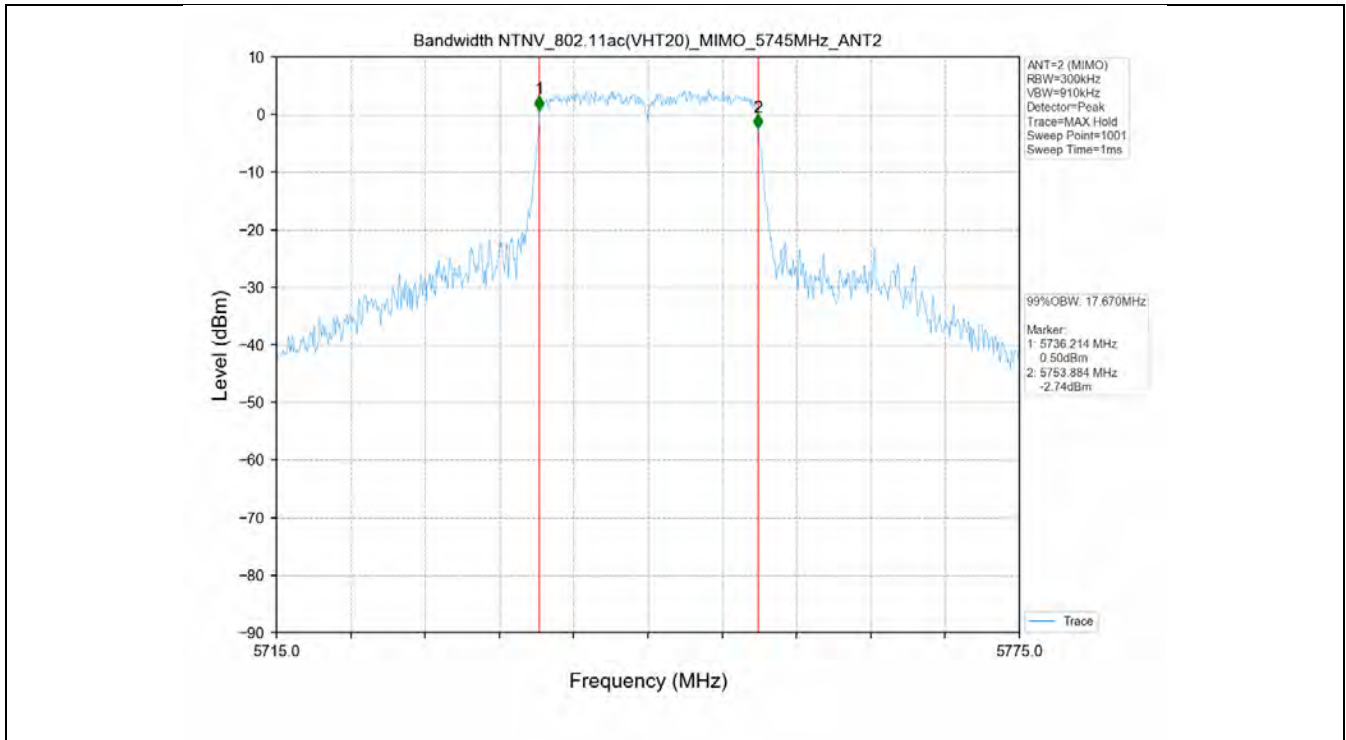


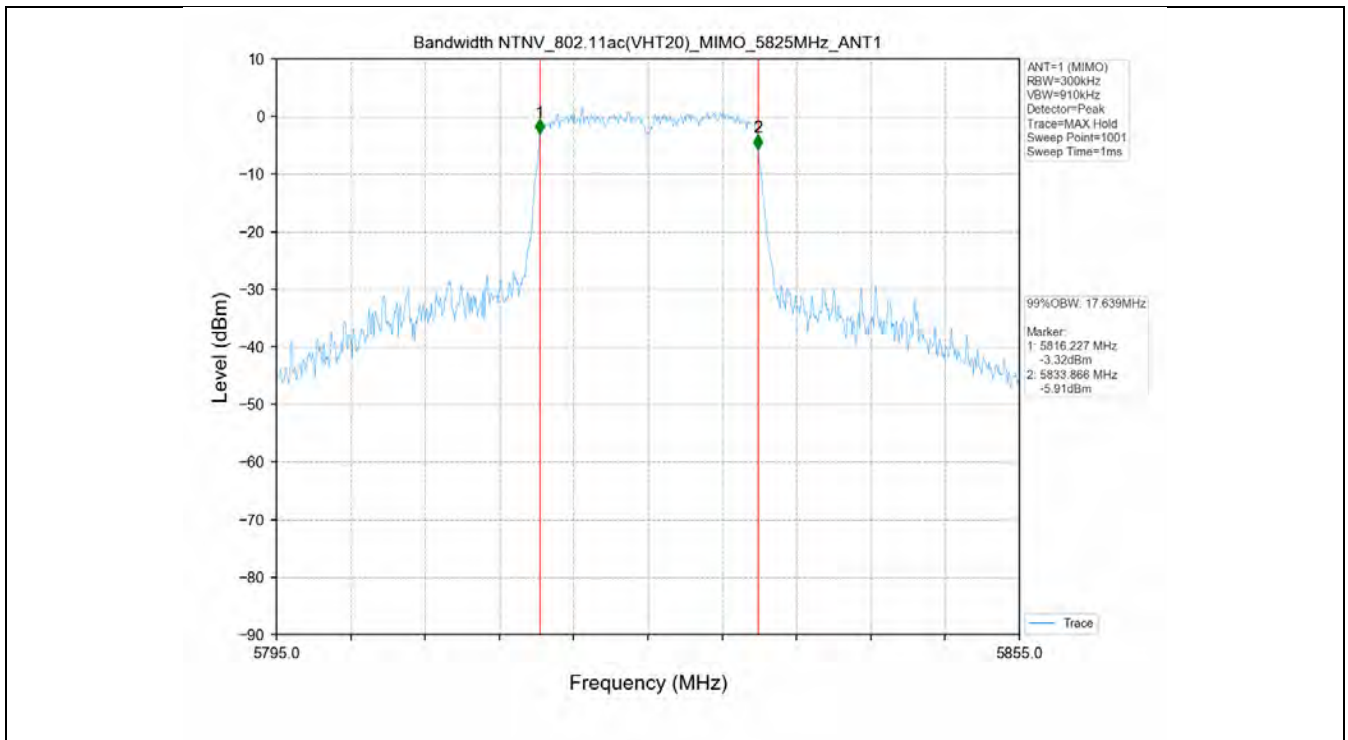
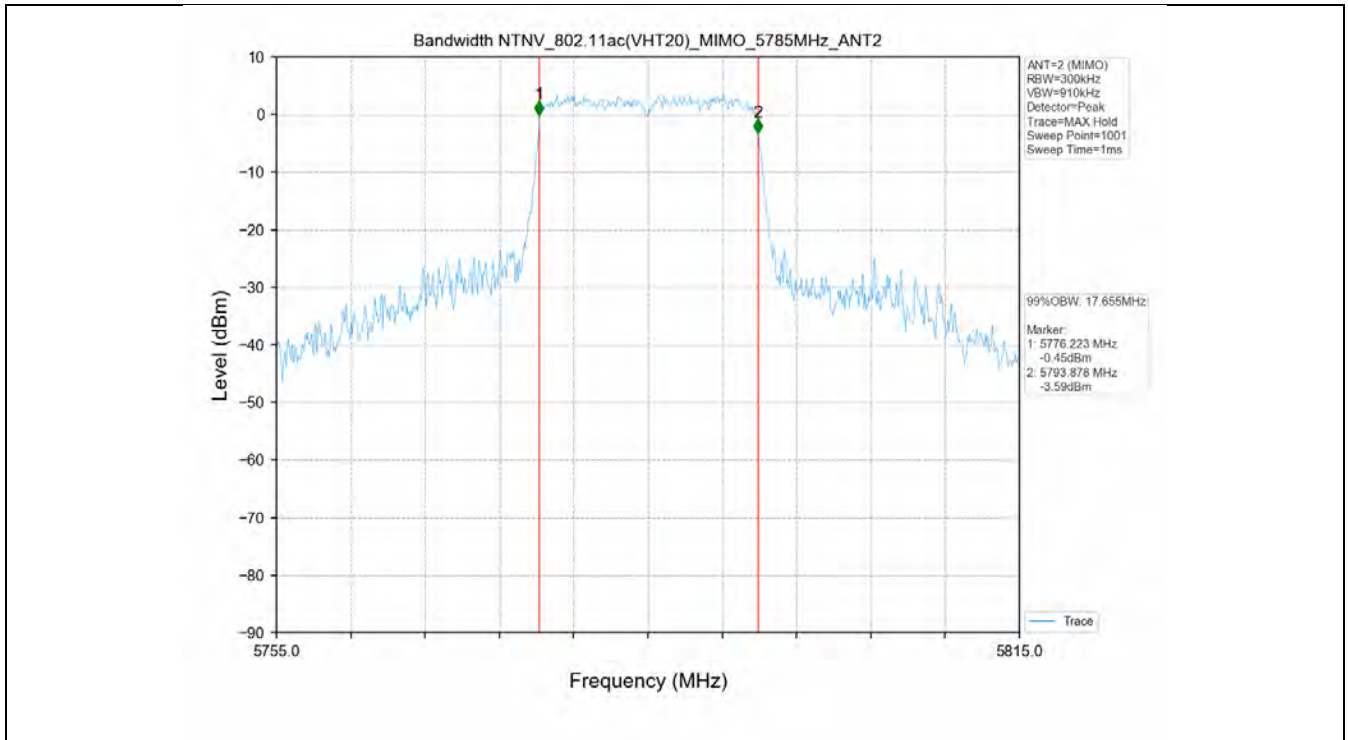


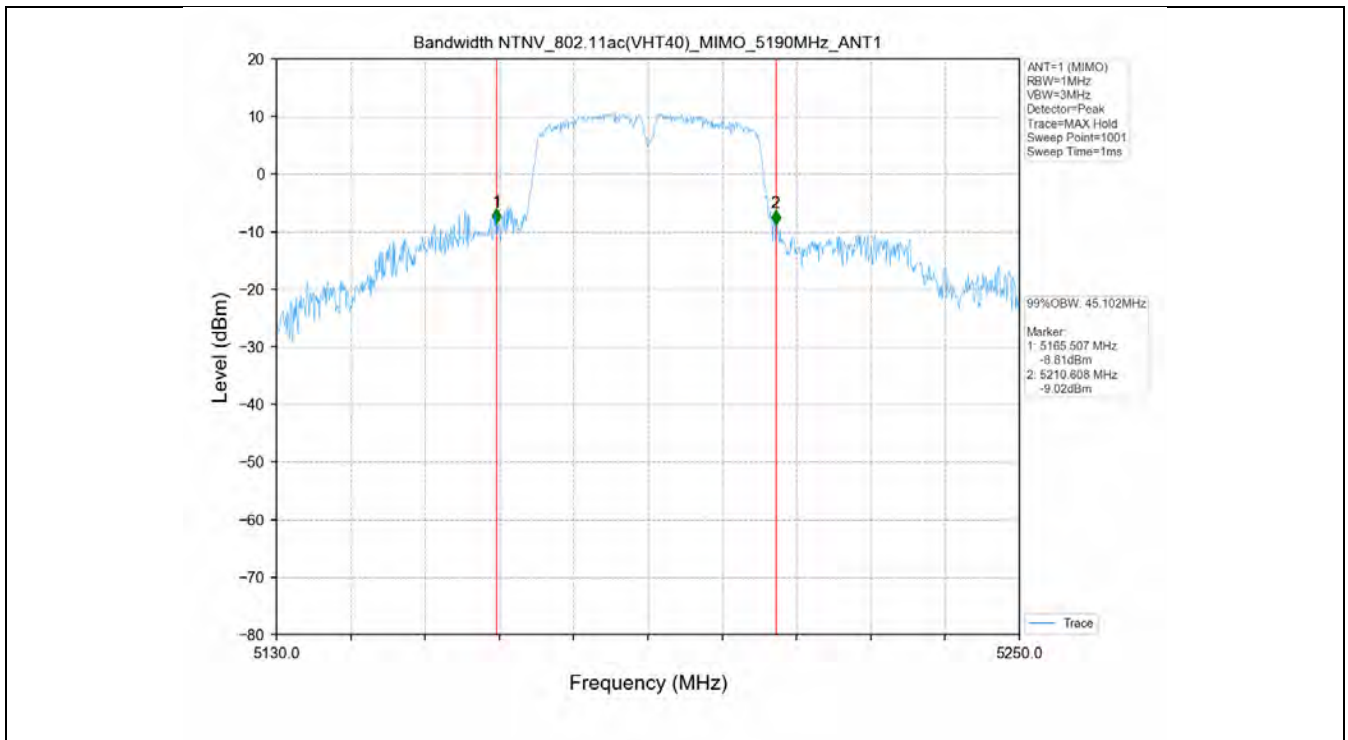
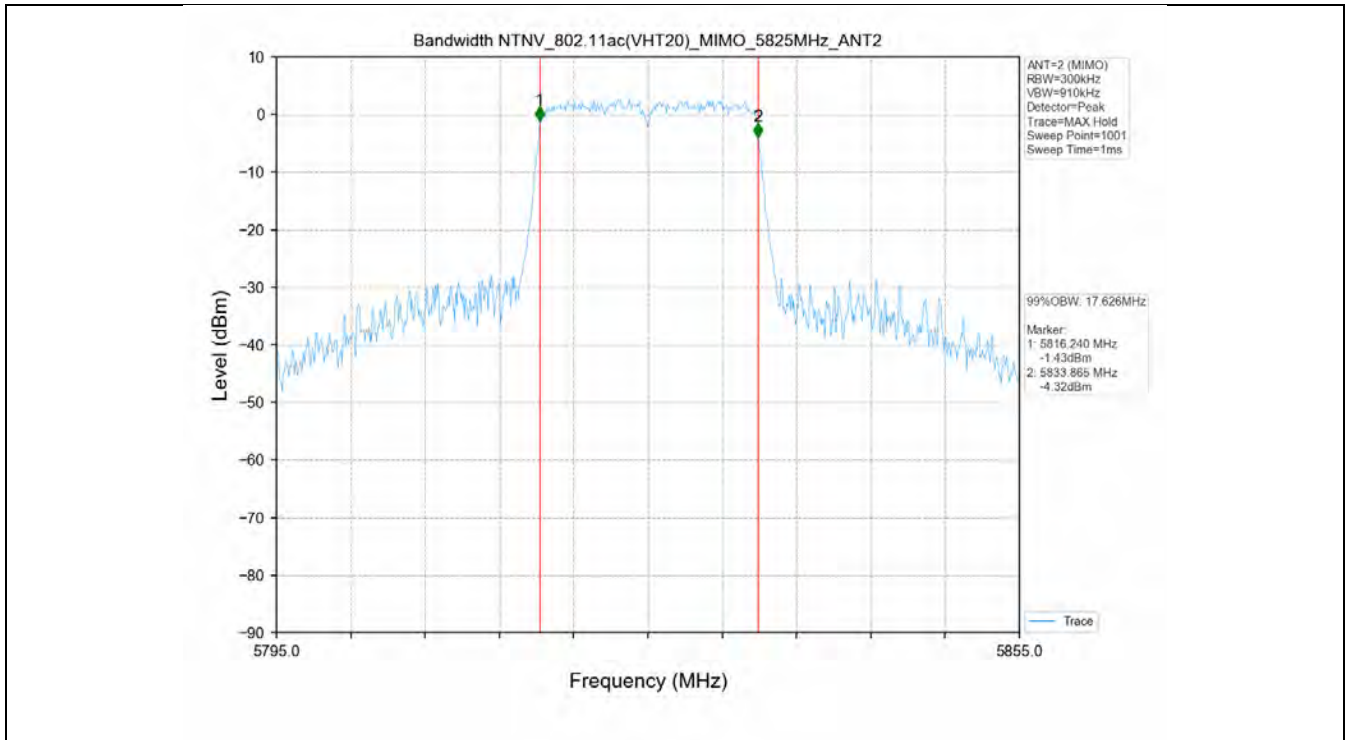


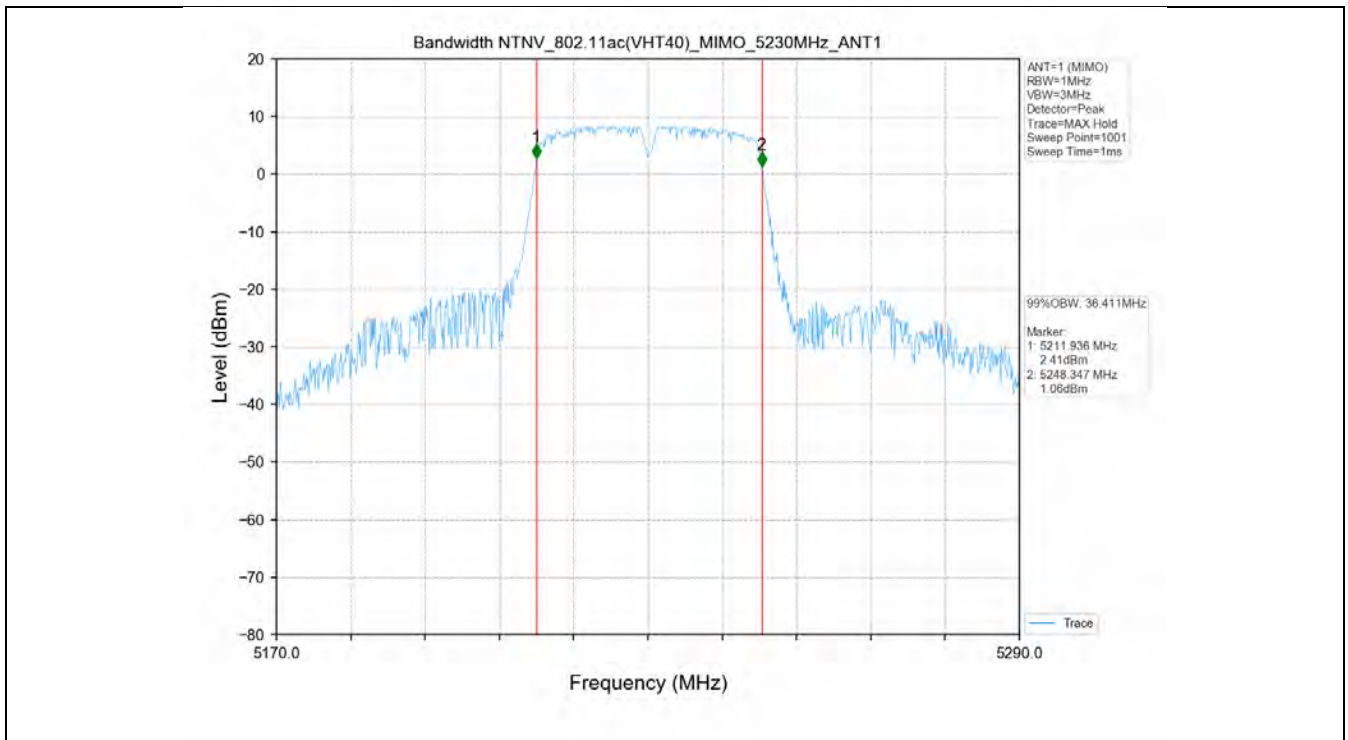
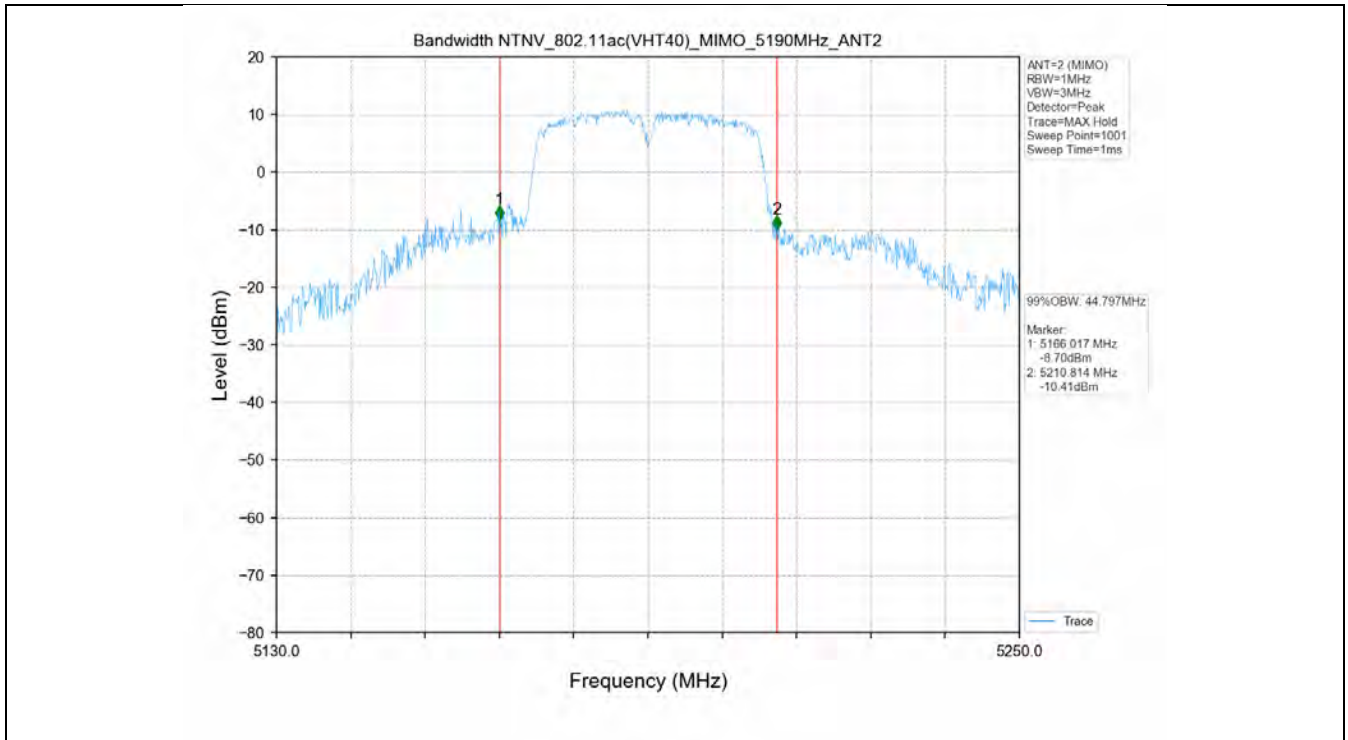


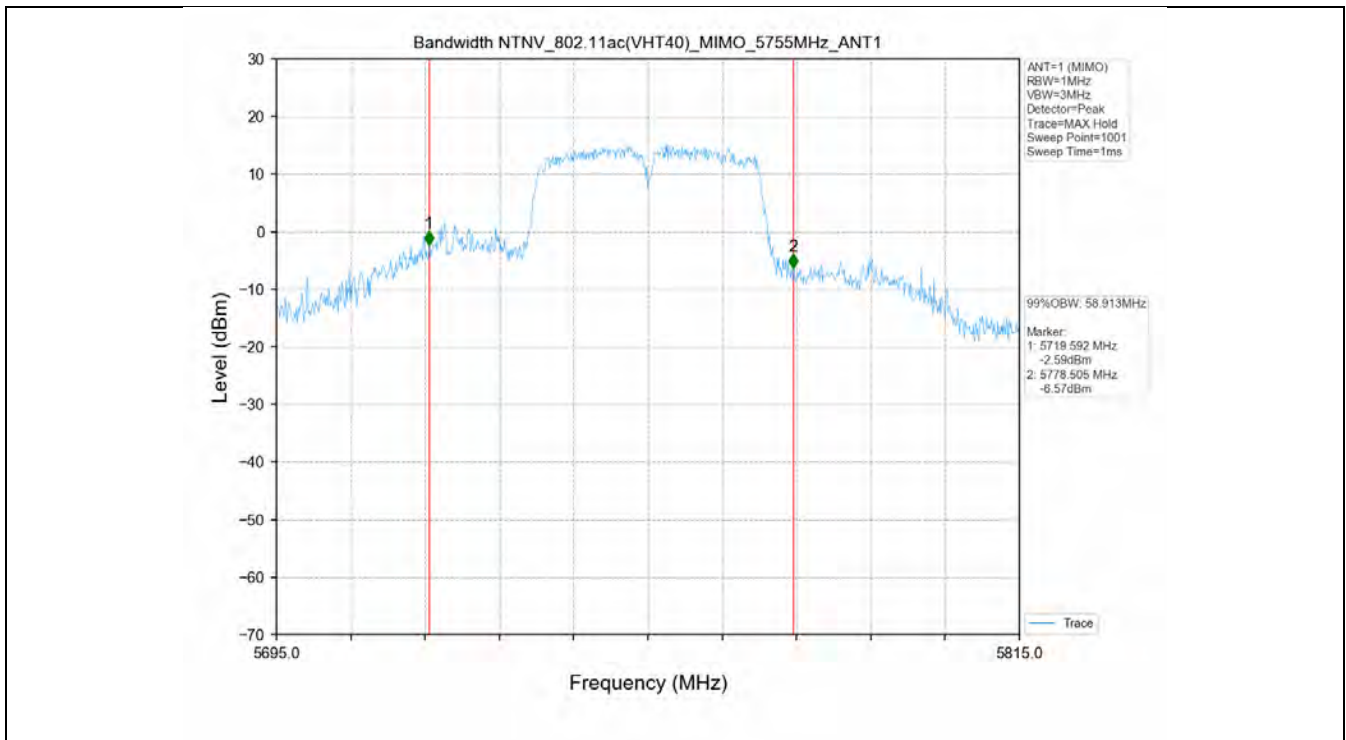
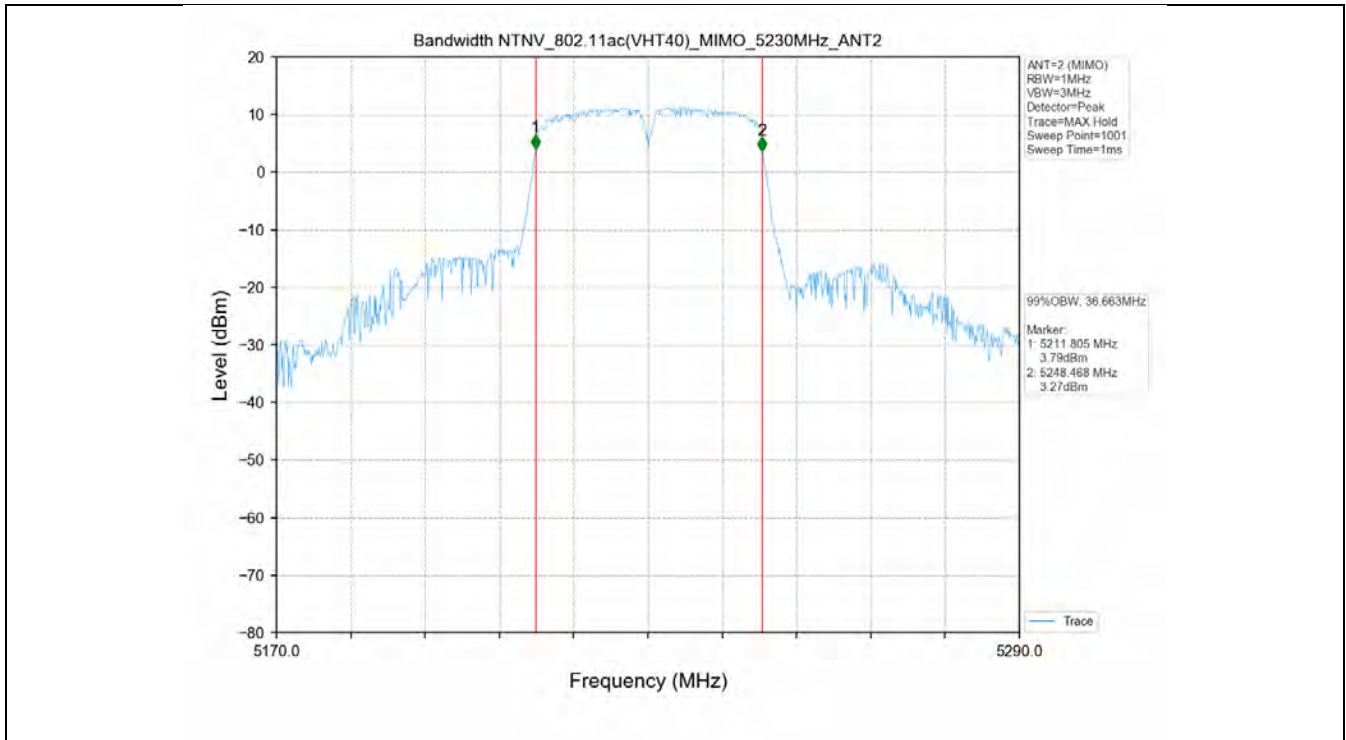


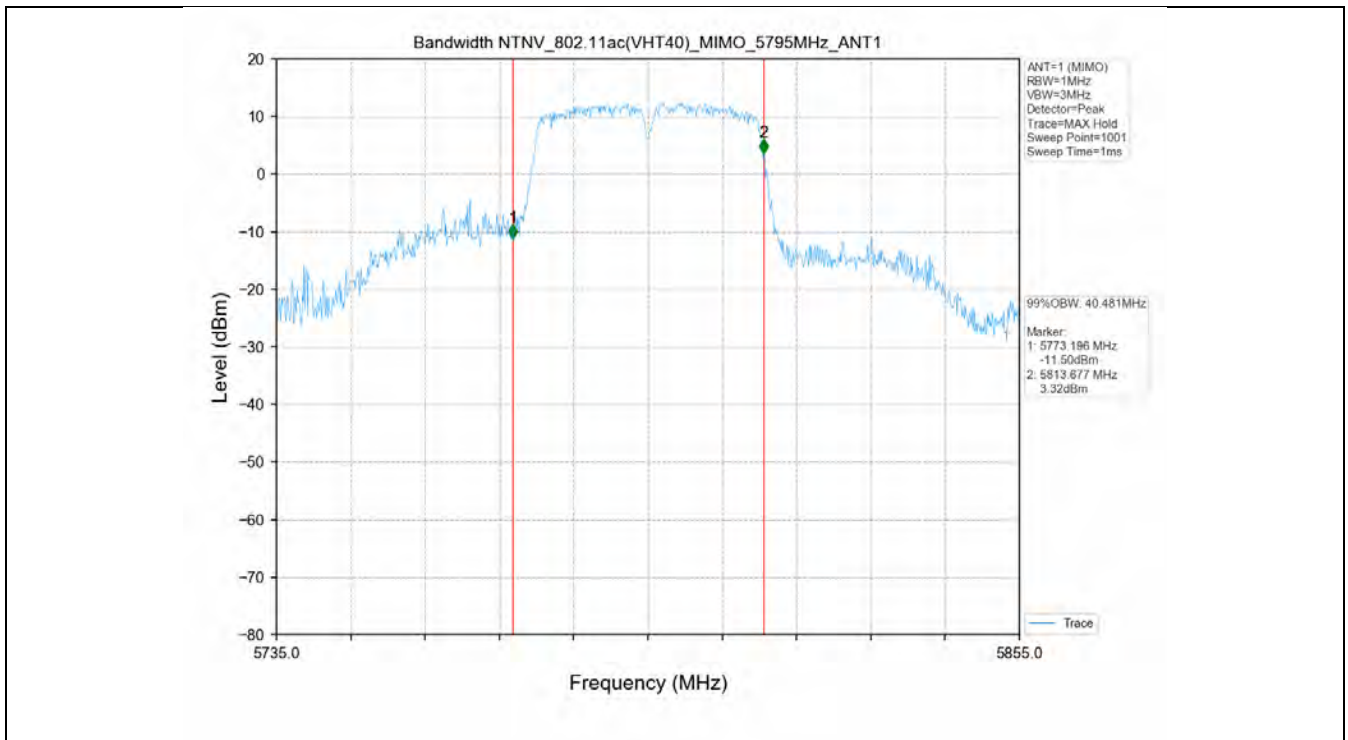
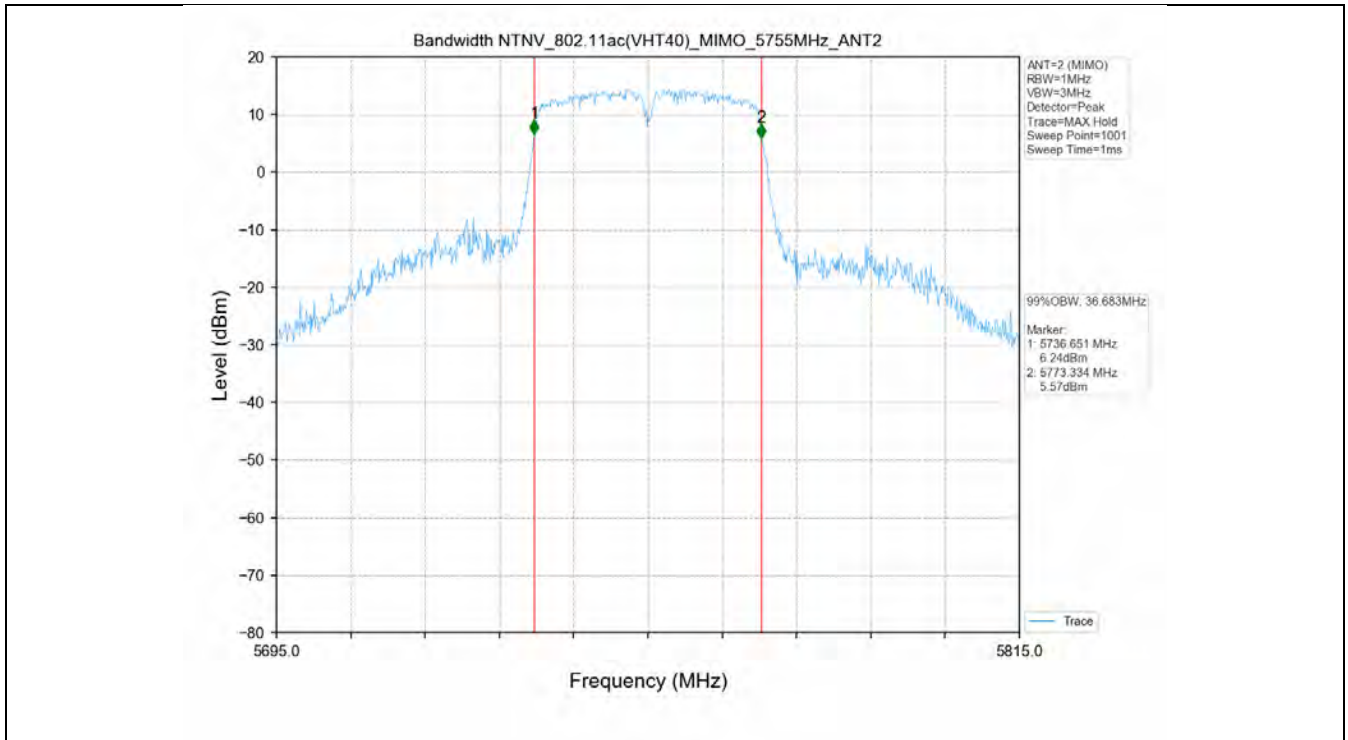


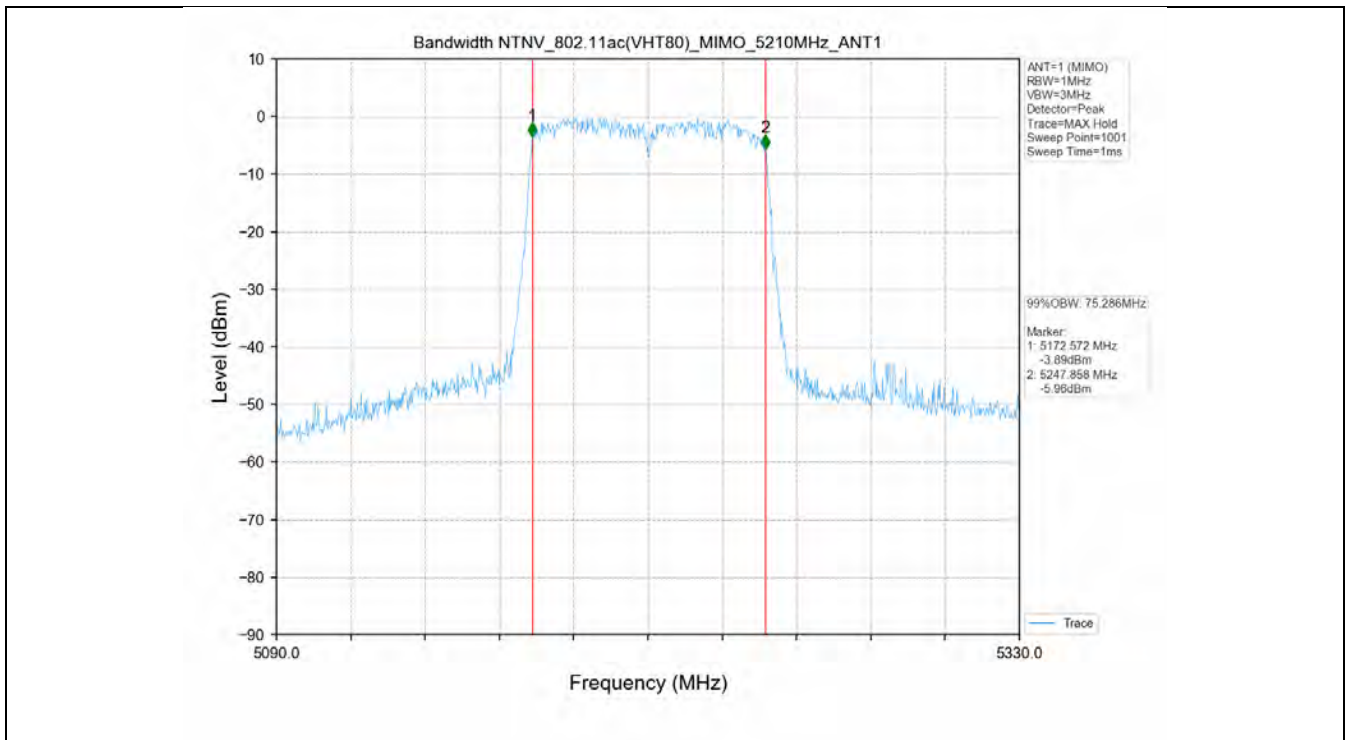
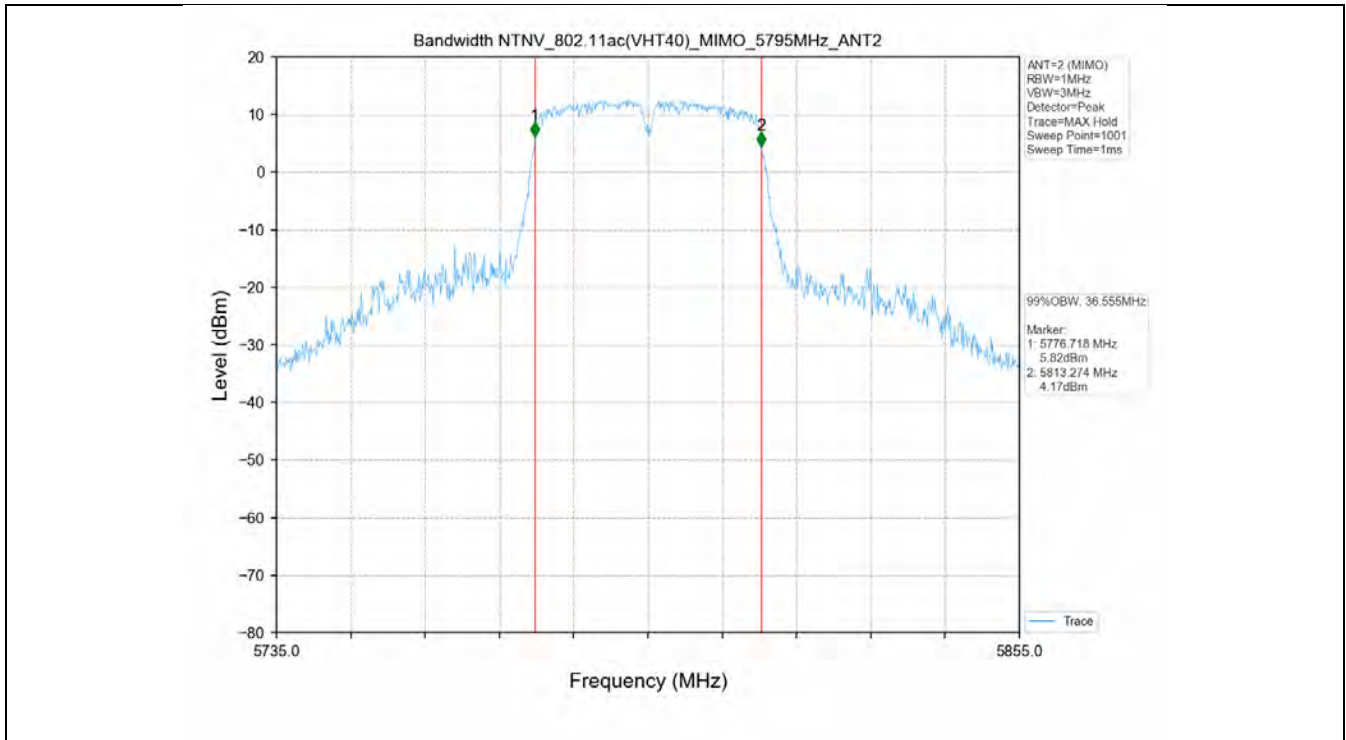


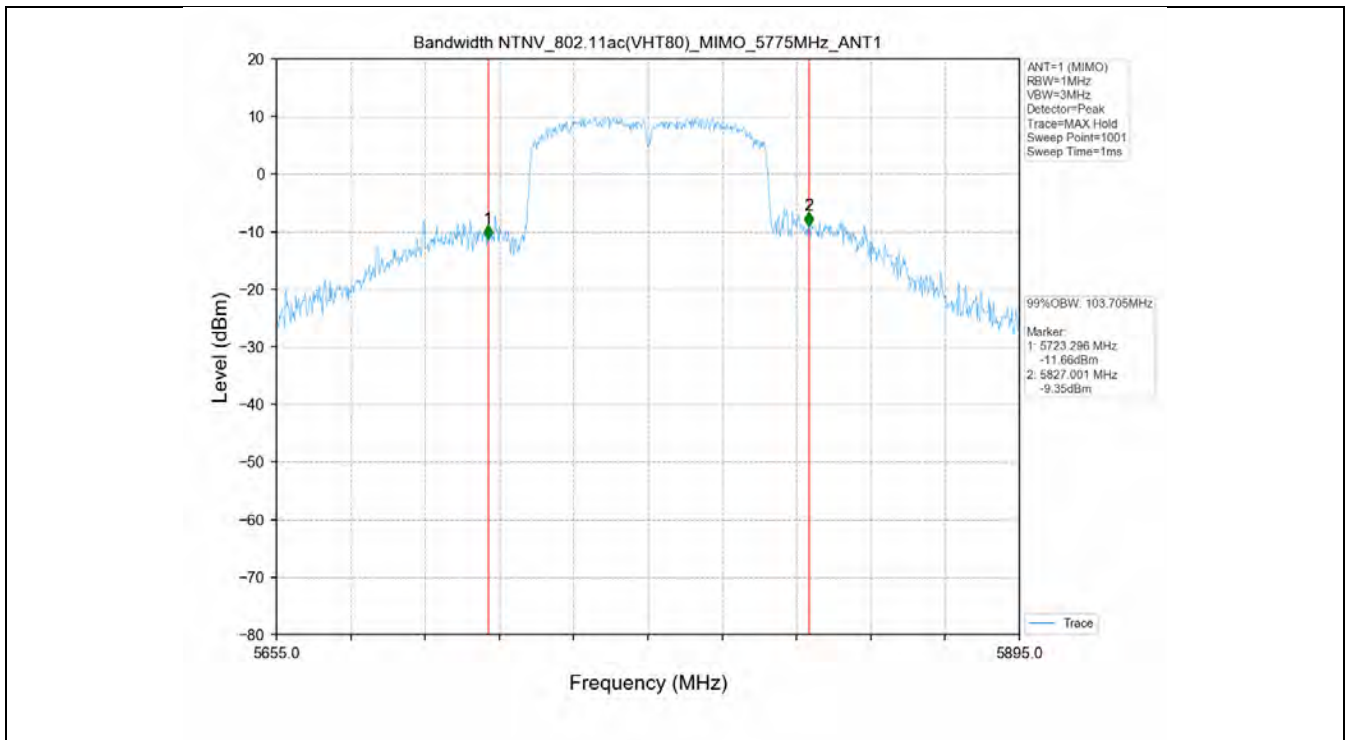
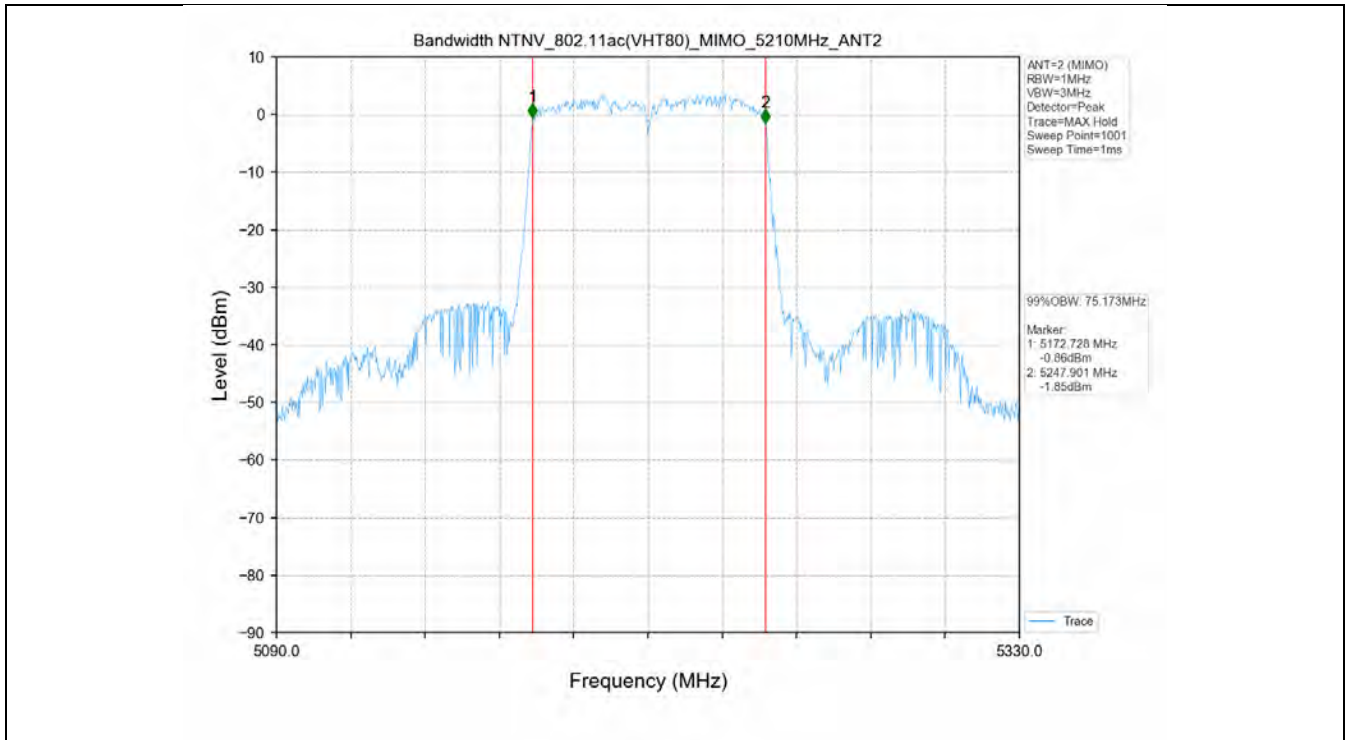


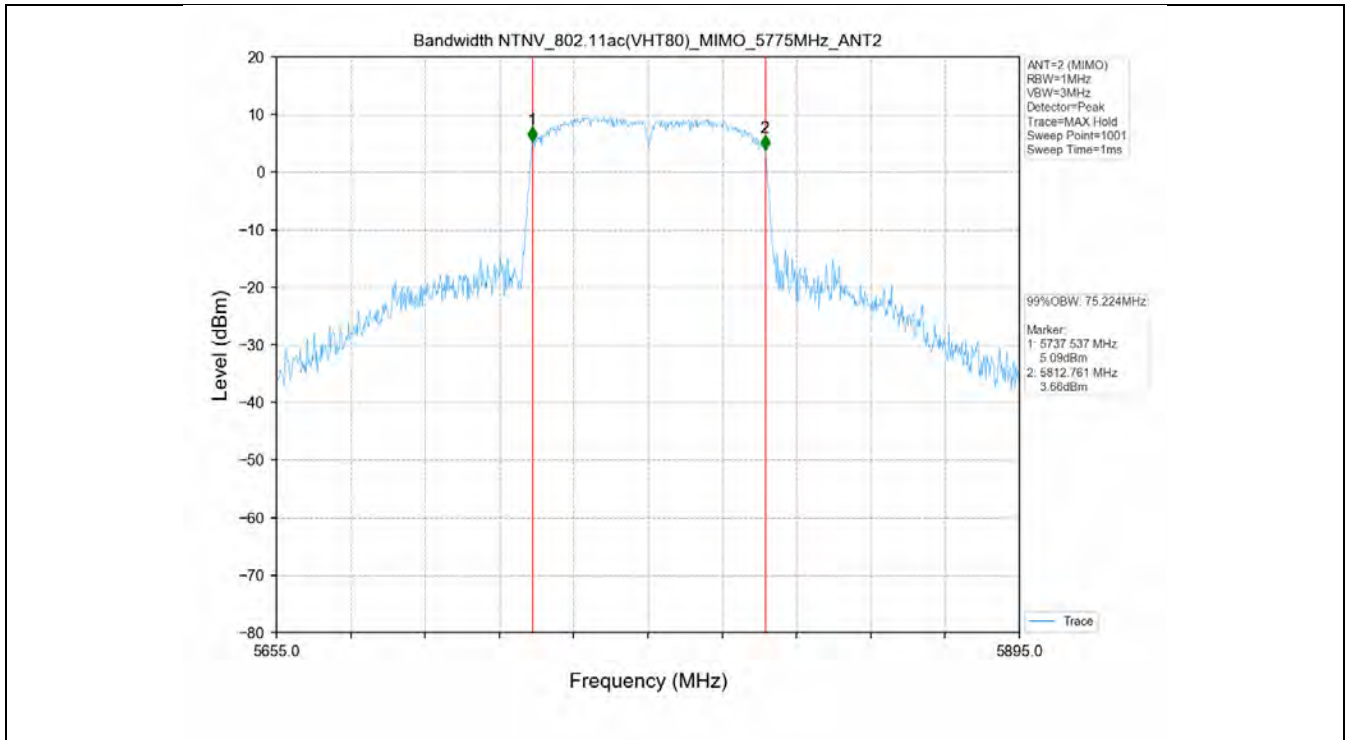














3. Maximum Conducted Output Power

3.1 Maximum Conducted Output Power For FCC

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)			Limits (dBm)	Verdict
			Ant 1	Ant 2	Total		
802.11a	5180	SISO	13.66	13.52	/	≤24	PASS
	5200	SISO	13.95	13.74	/	≤24	PASS
	5240	SISO	14.75	13.67	/	≤24	PASS
	5745	SISO	20.54	20.23	/	≤30	PASS
	5785	SISO	20.2	19.33	/	≤30	PASS
	5825	SISO	19.31	18.61	/	≤30	PASS
802.11n (HT20)	5180	MIMO	8.85	12.08	13.77	≤24	PASS
	5200	MIMO	9.39	12.02	13.91	≤24	PASS
	5240	MIMO	9.7	11.69	13.82	≤24	PASS
	5745	MIMO	20.65	20.24	23.46	≤30	PASS
	5785	MIMO	20.12	19.42	22.79	≤30	PASS
	5825	MIMO	19.36	18.63	22.02	≤30	PASS
802.11n (HT40)	5190	MIMO	9.35	12.12	13.96	≤24	PASS
	5230	MIMO	9.86	12.25	14.23	≤24	PASS
	5755	MIMO	20.39	19.82	23.12	≤30	PASS
	5795	MIMO	19.83	19.38	22.62	≤30	PASS
802.11ac (VHT20)	5180	MIMO	10.46	10.15	13.32	≤24	PASS
	5200	MIMO	10.7	10.45	13.59	≤24	PASS
	5240	MIMO	11.1	10.84	13.98	≤24	PASS
	5745	MIMO	20.5	20.53	23.53	≤30	PASS
	5785	MIMO	19.44	19.32	22.39	≤30	PASS
	5825	MIMO	19.28	18.69	22.01	≤30	PASS
802.11ac (VHT40)	5190	MIMO	10.39	10.08	13.25	≤24	PASS
	5230	MIMO	9.6	12.16	14.08	≤24	PASS
	5755	MIMO	19.53	19.82	22.69	≤30	PASS
	5795	MIMO	19.88	19.26	22.59	≤30	PASS
802.11ac (VHT80)	5210	MIMO	9.6	12.75	14.46	≤24	PASS
	5775	MIMO	19.11	18.48	21.82	≤30	PASS

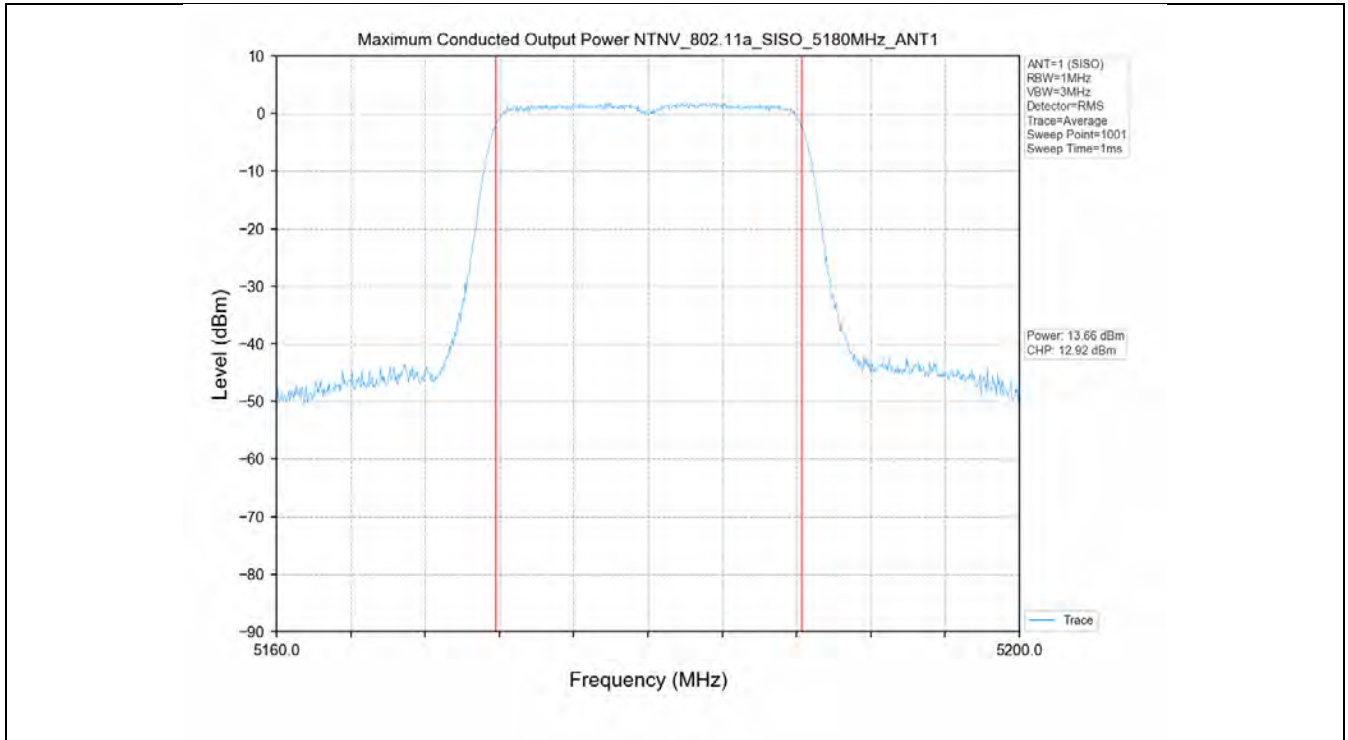


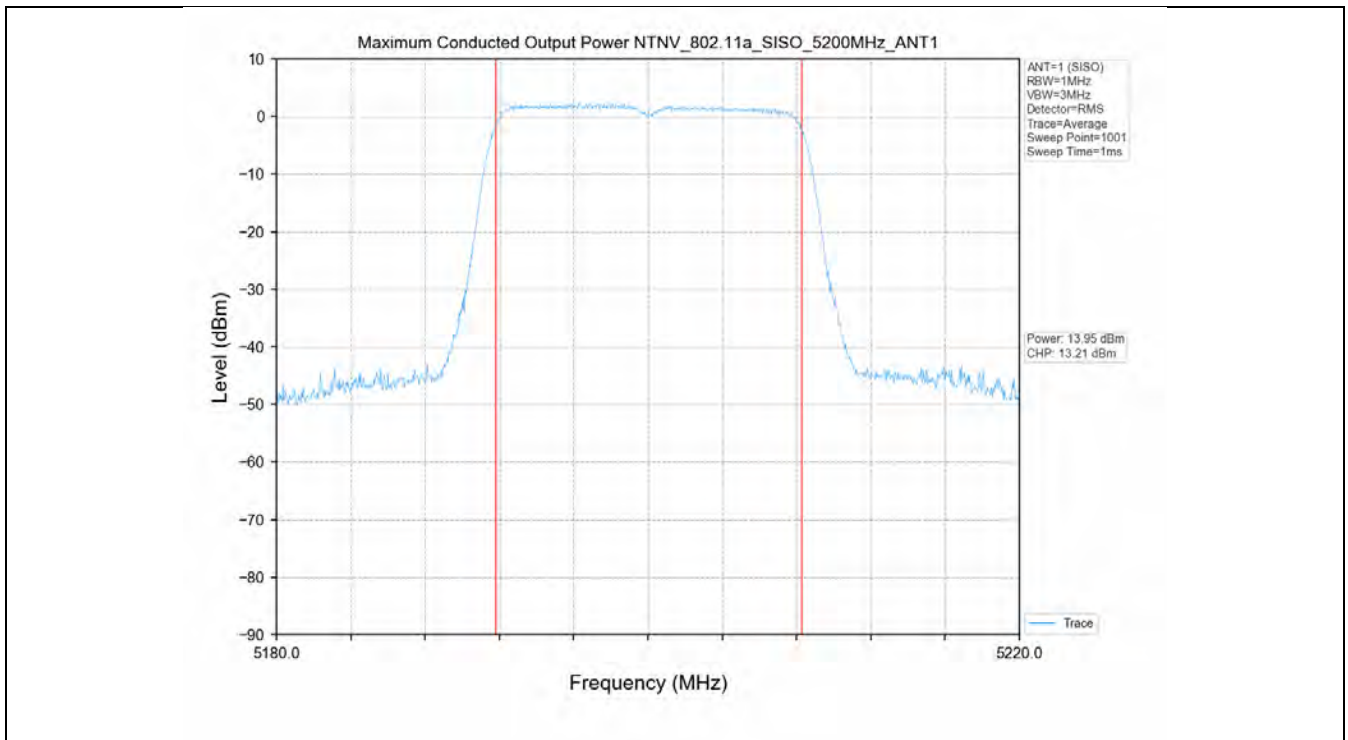
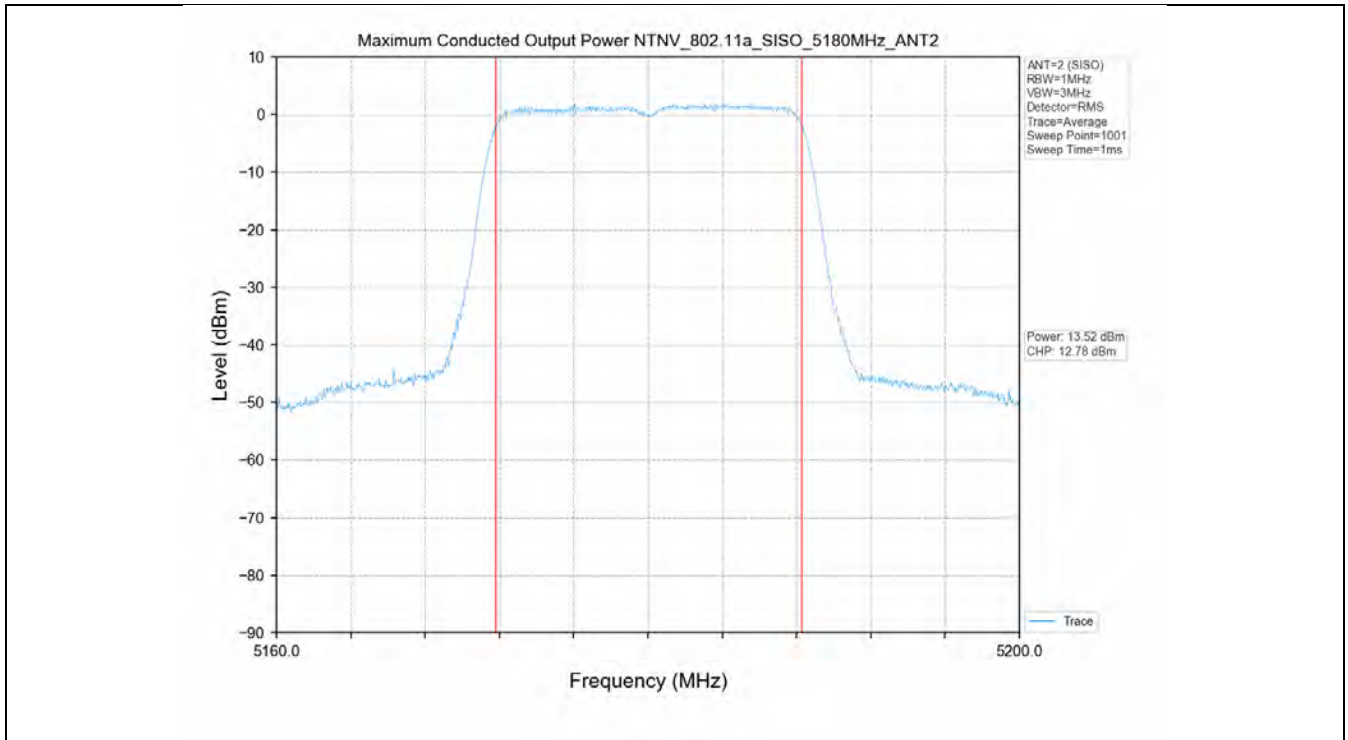
3.2 Maximum Power For IC

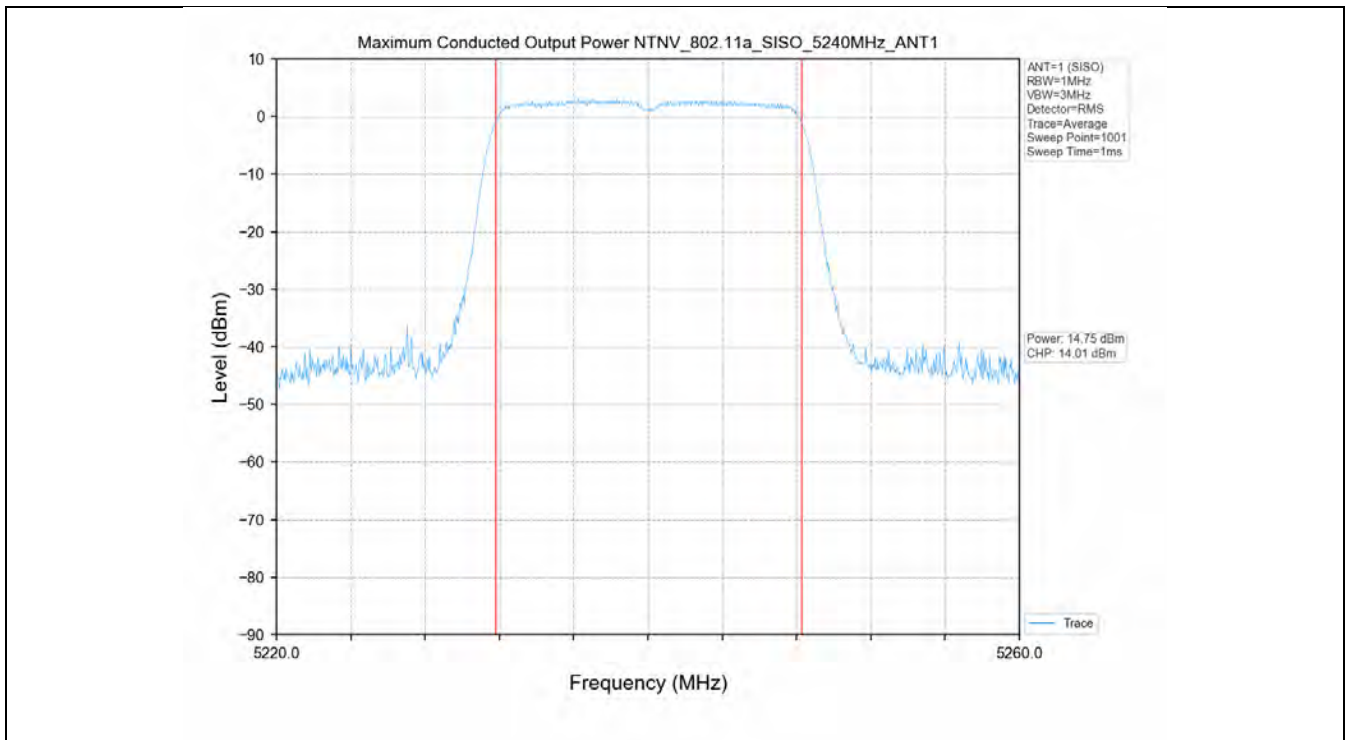
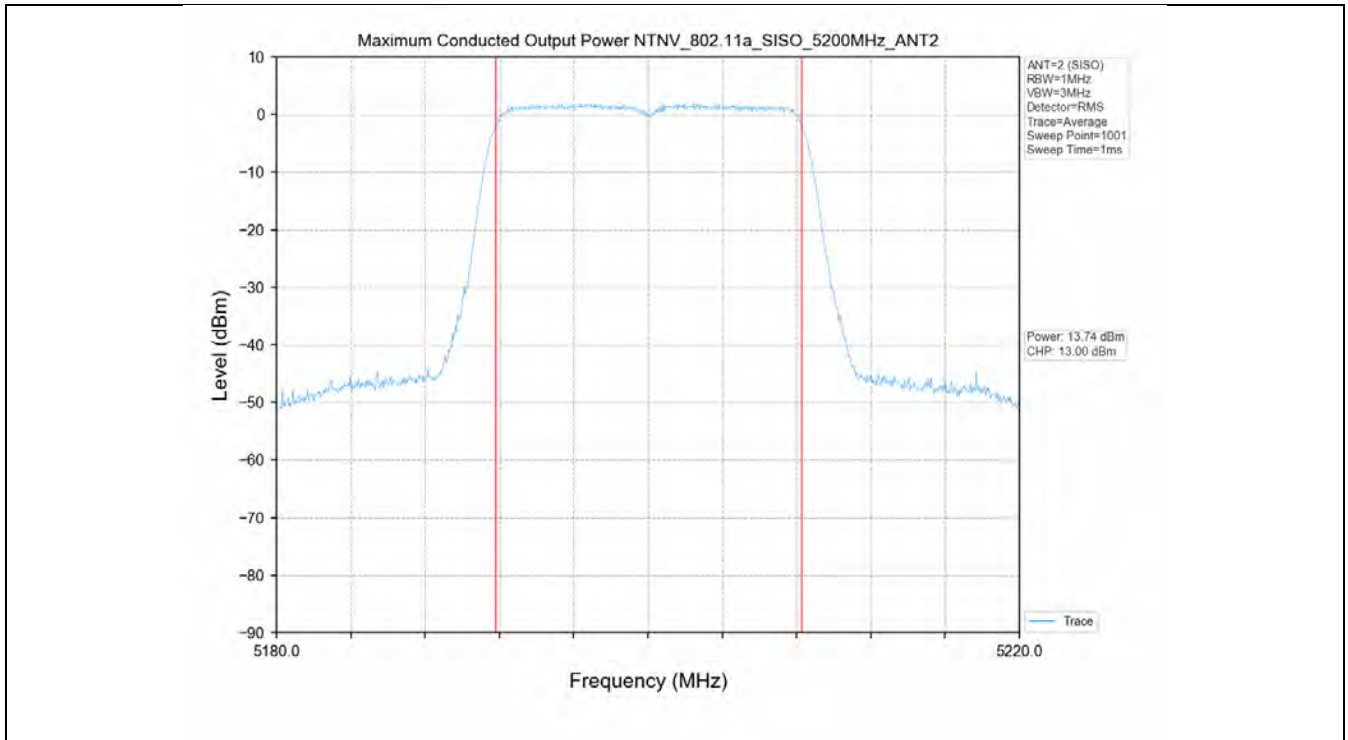
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)			EIRP (dBm)			Limits (dBm)	Verdict
			Ant 1	Ant 2	Total	Ant 1	Ant 2	Total		
802.11a	5180	SISO	13.66	13.52	/	17.46	17.32	/	≤23	PASS
	5200	SISO	13.95	13.74	/	17.75	17.54	/	≤23	PASS
	5240	SISO	14.75	13.67	/	18.55	17.47	/	≤23	PASS
	5745	SISO	20.54	20.23	/	/	/	/	≤30	PASS
	5785	SISO	20.2	19.33	/	/	/	/	≤30	PASS
	5825	SISO	19.31	18.61	/	/	/	/	≤30	PASS
802.11n (HT20)	5180	MIMO	8.85	12.08	13.77	12.65	15.88	17.57	≤23	PASS
	5200	MIMO	9.39	12.02	13.91	13.19	15.82	17.71	≤23	PASS
	5240	MIMO	9.7	11.69	13.82	13.5	15.49	17.62	≤23	PASS
	5745	MIMO	20.65	20.24	23.46	/	/	/	≤30	PASS
	5785	MIMO	20.12	19.42	22.79	/	/	/	≤30	PASS
	5825	MIMO	19.36	18.63	22.02	/	/	/	≤30	PASS
802.11n (HT40)	5190	MIMO	9.35	12.12	13.96	13.15	15.92	17.76	≤23	PASS
	5230	MIMO	9.86	12.25	14.23	13.66	16.05	18.03	≤23	PASS
	5755	MIMO	20.39	19.82	23.12	/	/	/	≤30	PASS
	5795	MIMO	19.83	19.38	22.62	/	/	/	≤30	PASS
802.11ac (VHT20)	5180	MIMO	10.46	10.15	13.32	14.26	13.95	17.12	≤23	PASS
	5200	MIMO	10.7	10.45	13.59	14.5	14.25	17.39	≤23	PASS
	5240	MIMO	11.1	10.84	13.98	14.9	14.64	17.78	≤23	PASS
	5745	MIMO	20.5	20.53	23.53	/	/	/	≤30	PASS
	5785	MIMO	19.44	19.32	22.39	/	/	/	≤30	PASS
	5825	MIMO	19.28	18.69	22.01	23.08	22.49	25.81	≤30	PASS
802.11ac (VHT40)	5190	MIMO	10.39	10.08	13.25	14.19	13.88	17.05	≤23	PASS
	5230	MIMO	9.6	12.16	14.08	13.4	15.96	17.88	≤23	PASS
	5755	MIMO	19.53	19.82	22.69	/	/	/	≤30	PASS
	5795	MIMO	19.88	19.26	22.59	/	/	/	≤30	PASS
802.11ac (VHT80)	5210	MIMO	9.6	12.75	14.46	13.4	16.55	18.26	≤23	PASS
	5775	MIMO	19.11	18.48	21.82	/	/	/	≤30	PASS

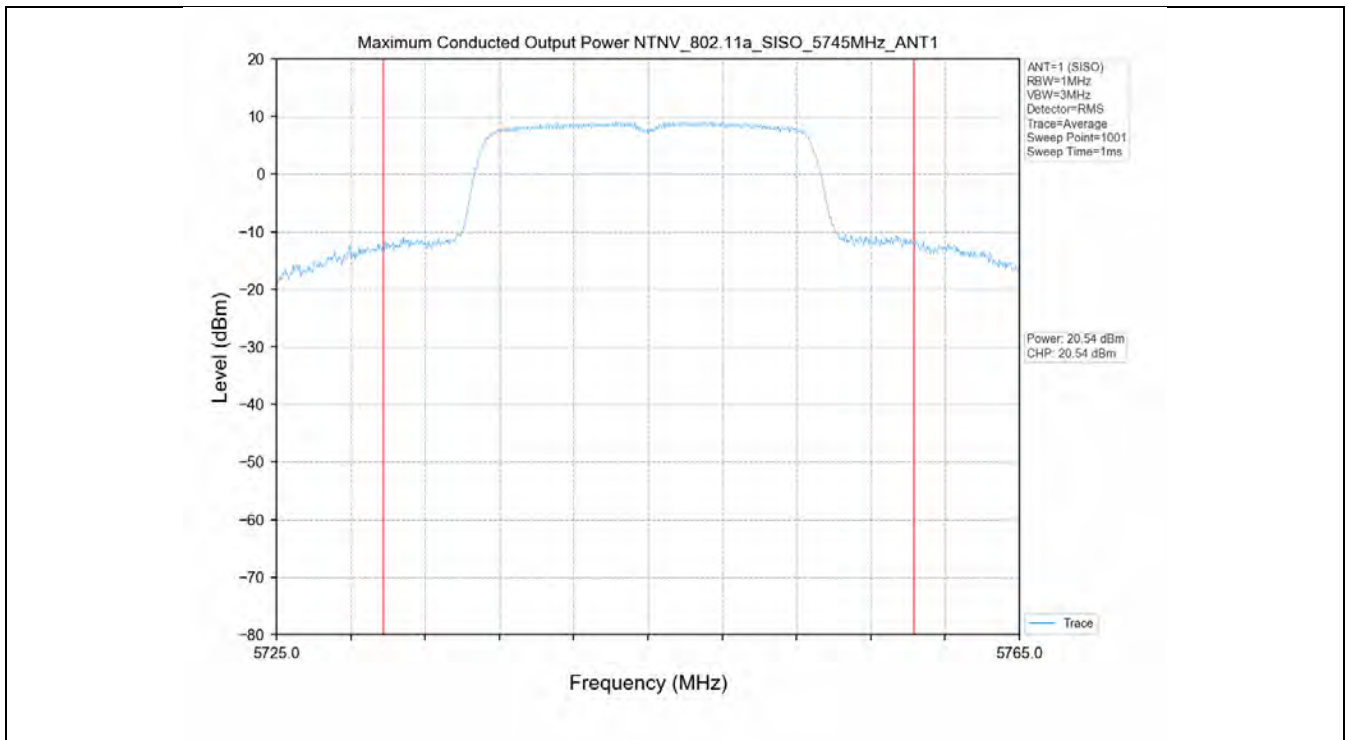
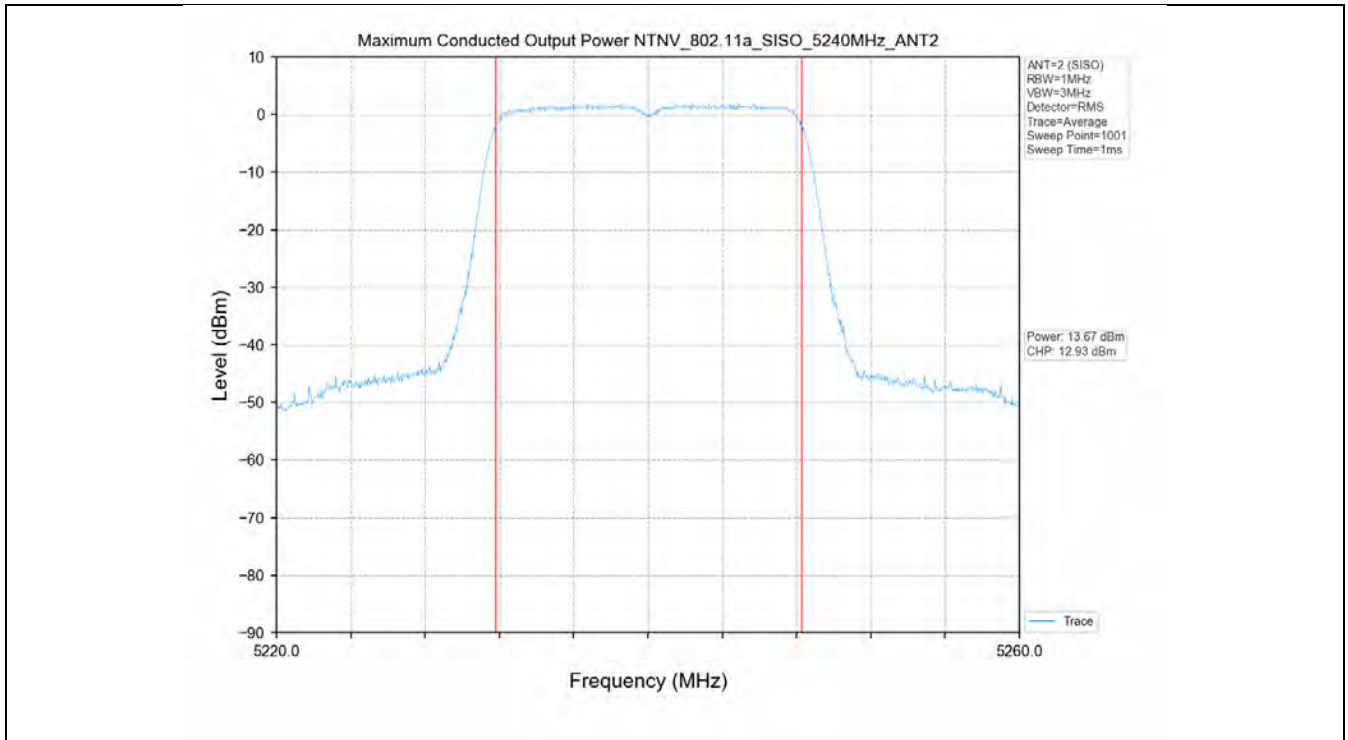


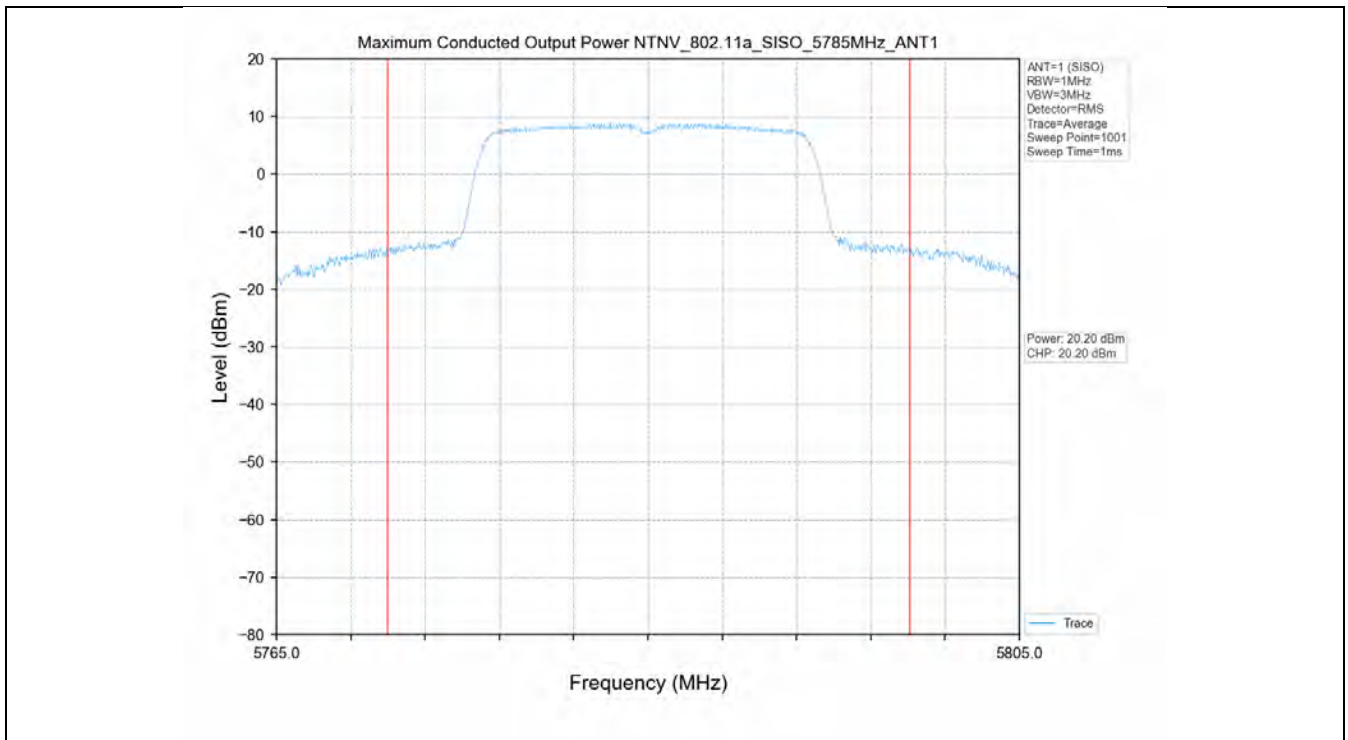
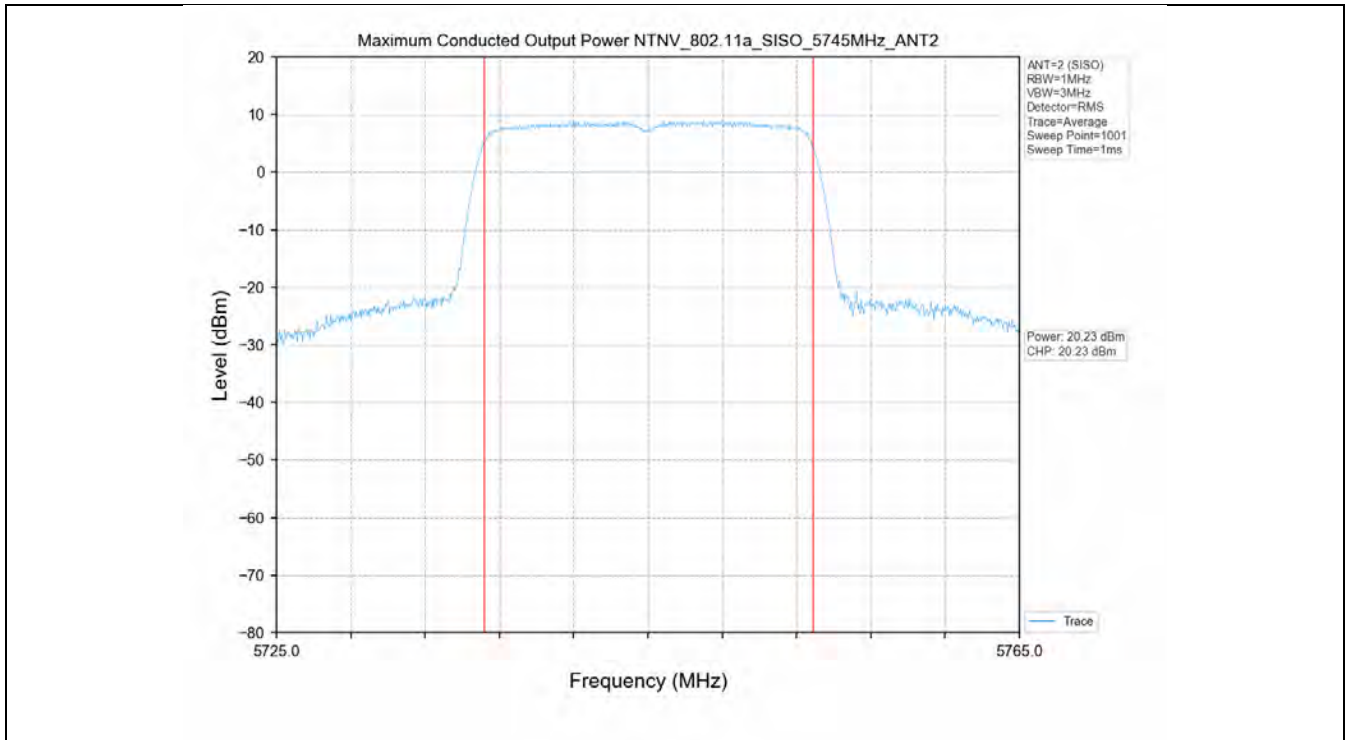
3.2 Test Graph

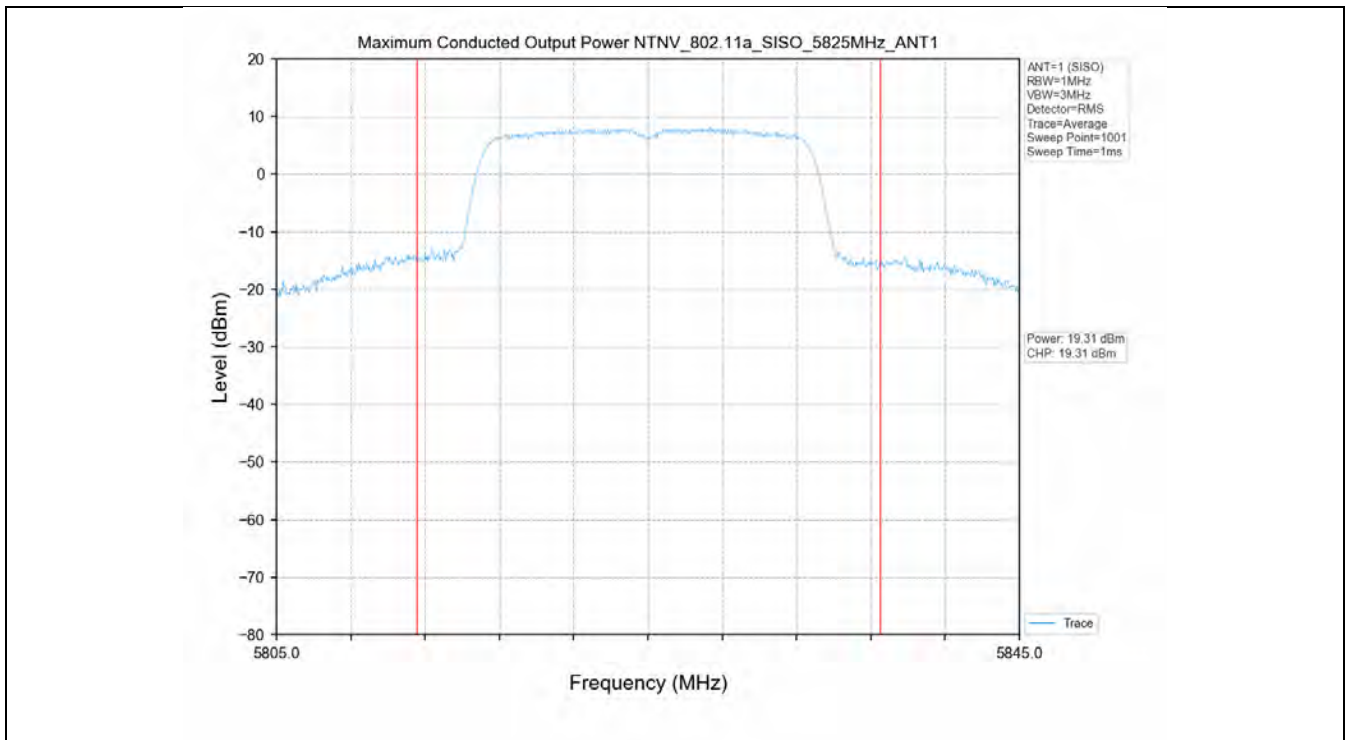
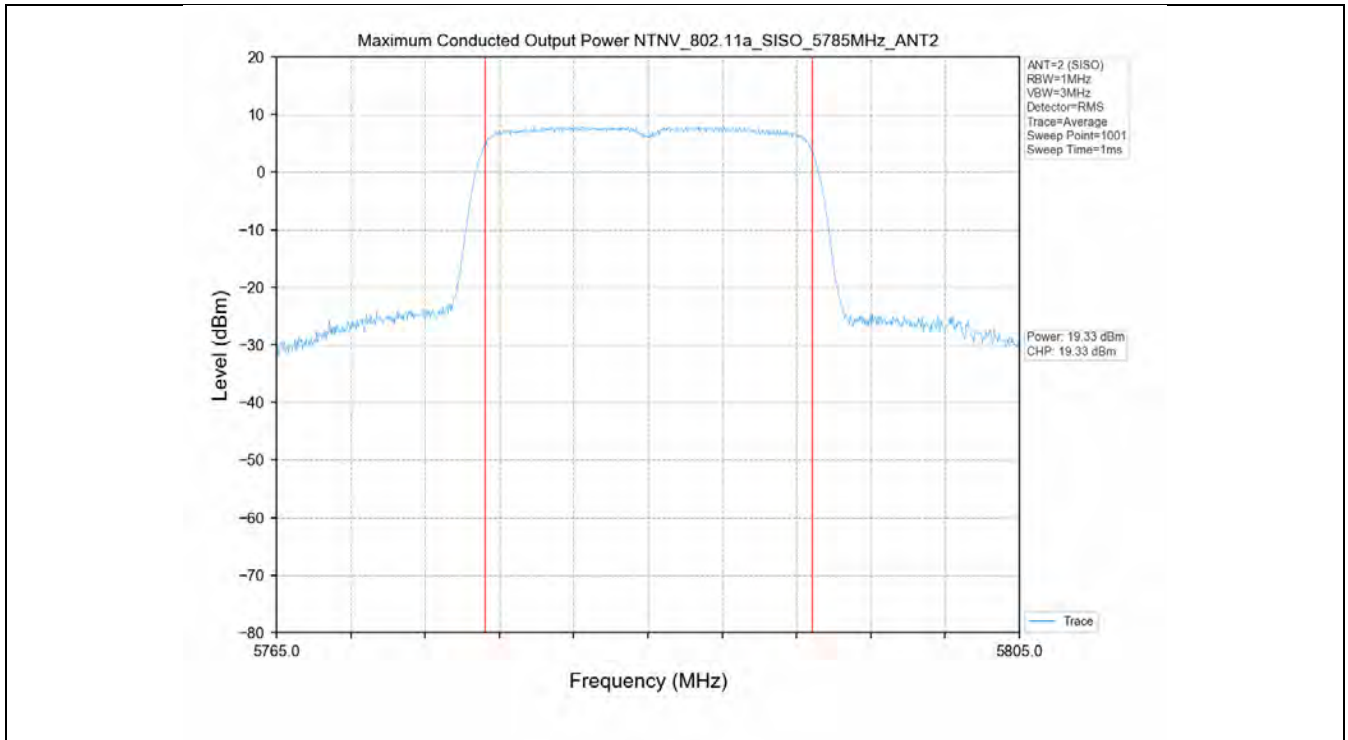


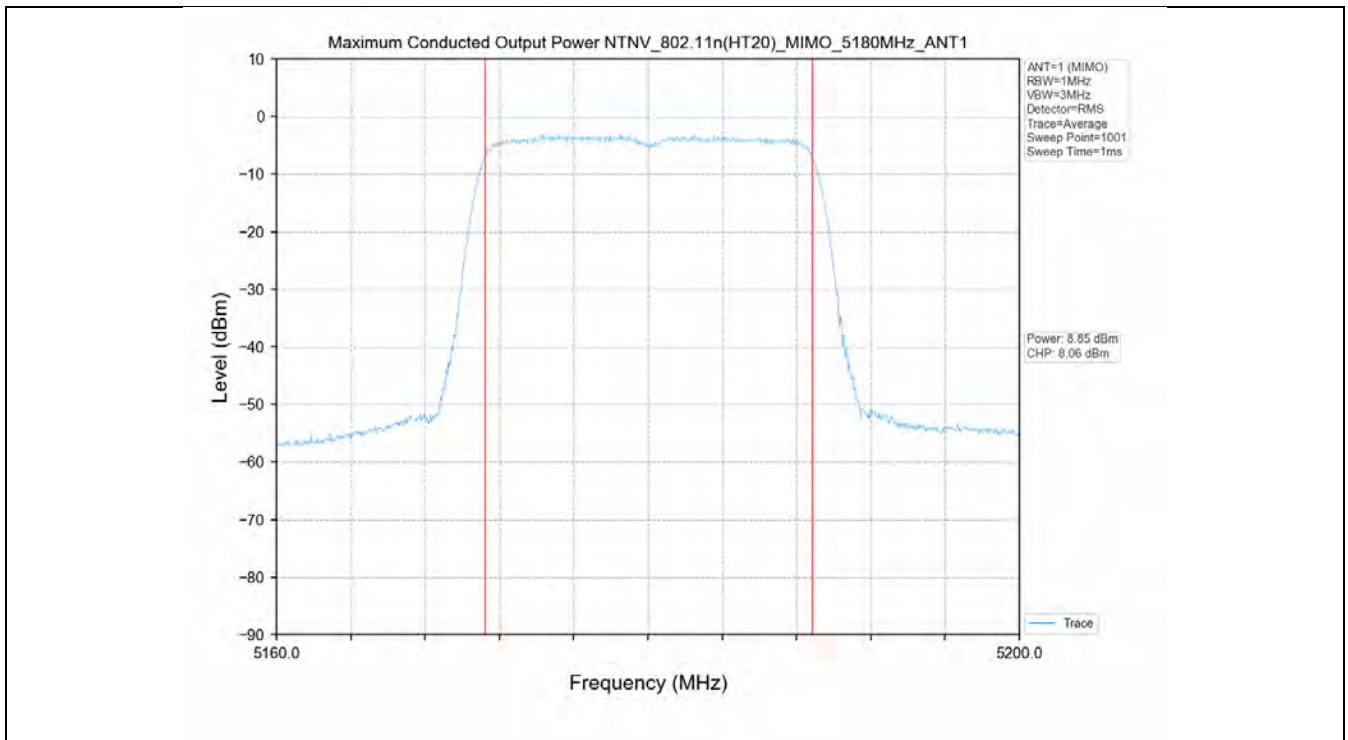
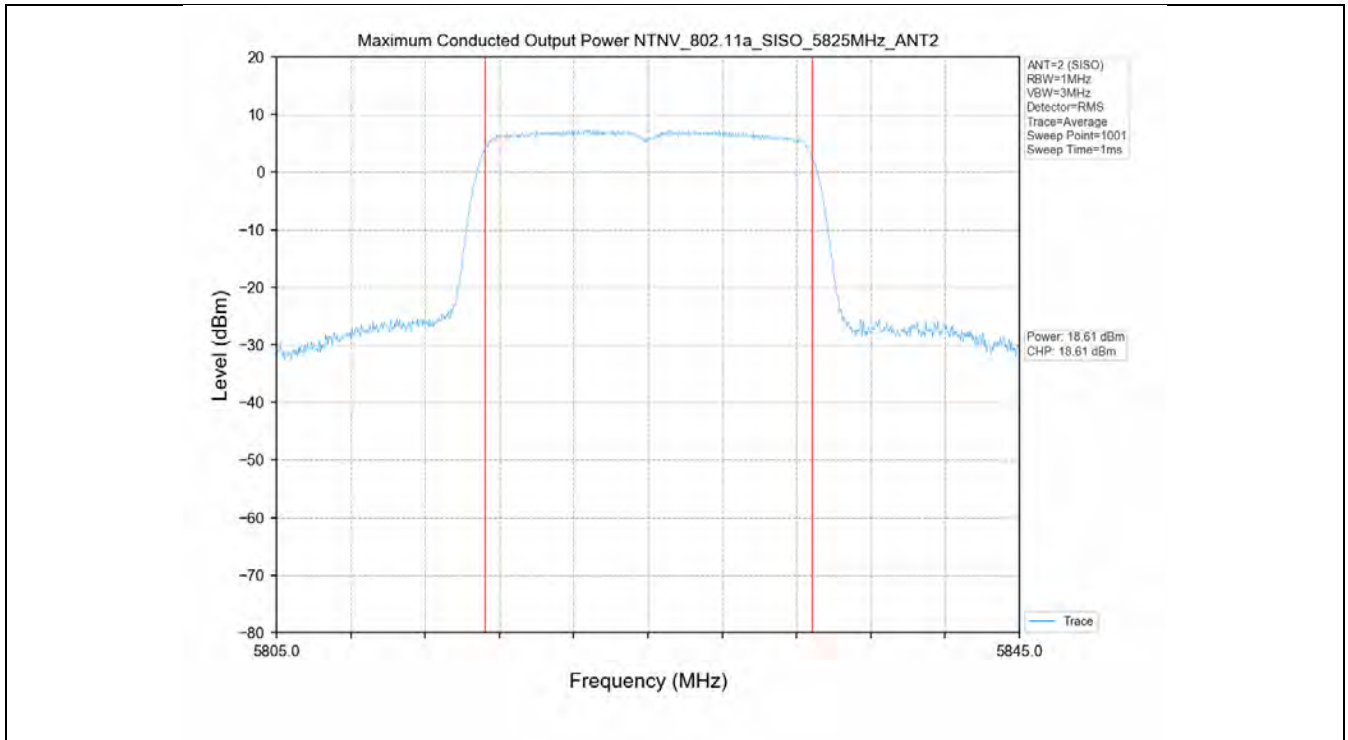


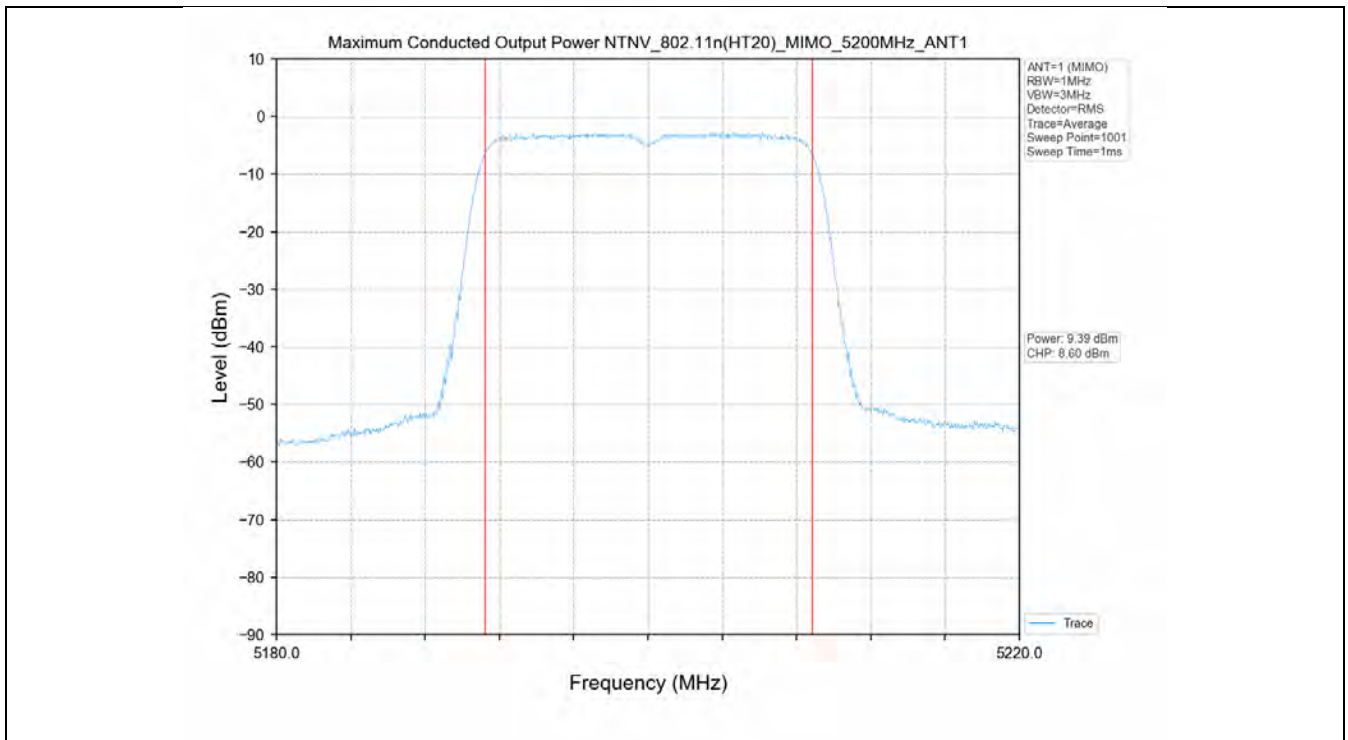
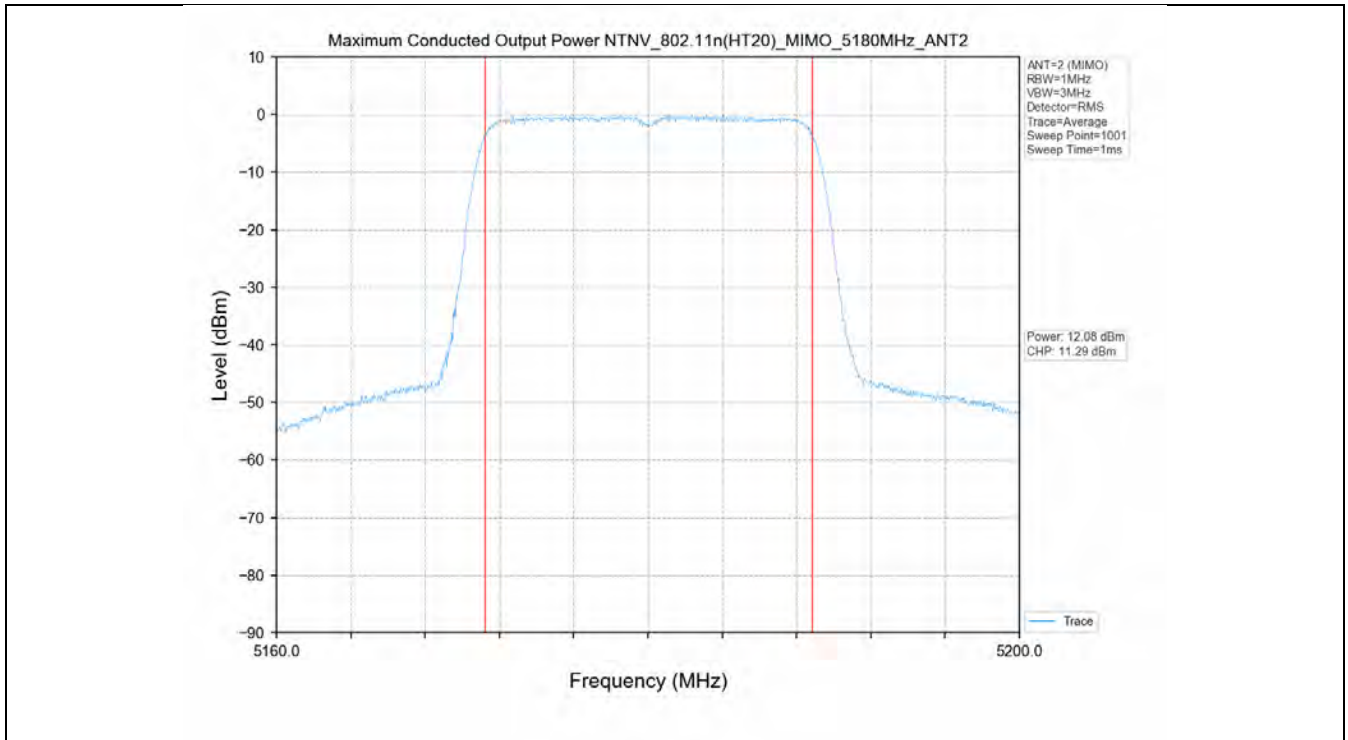


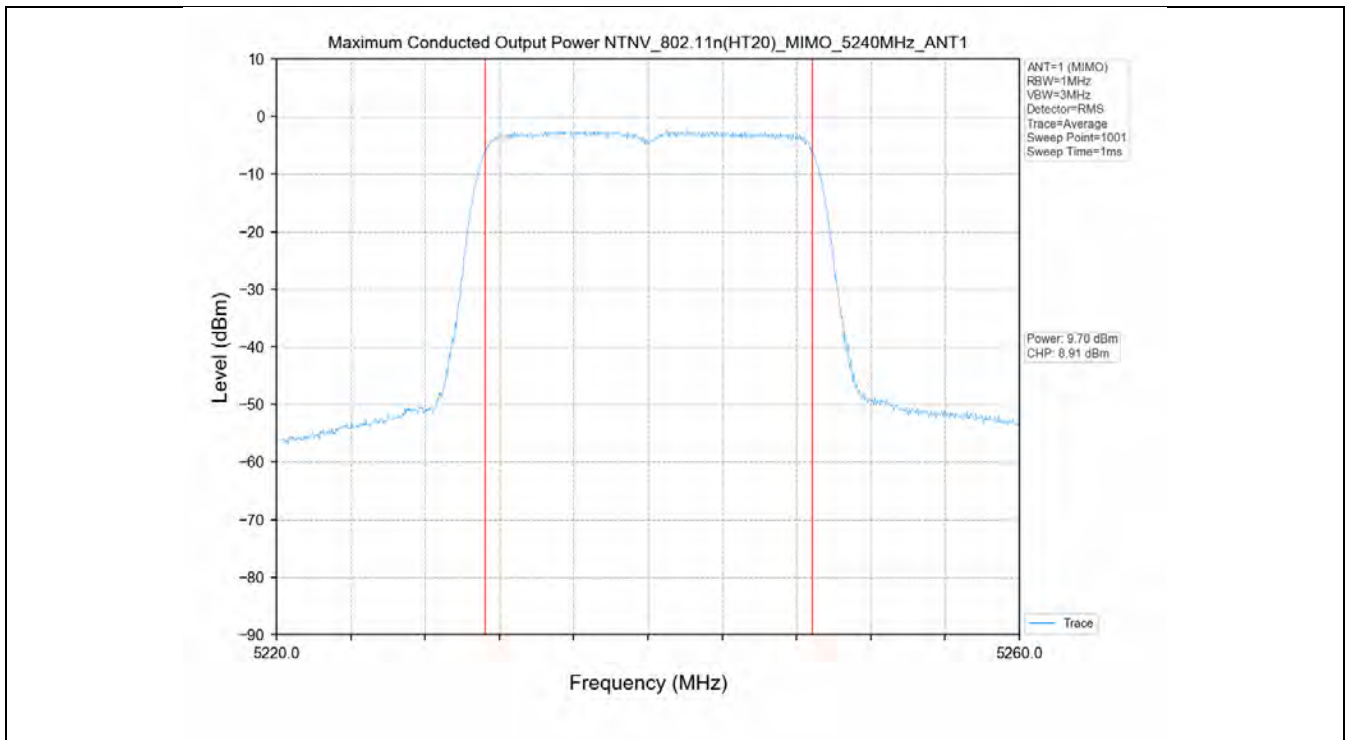
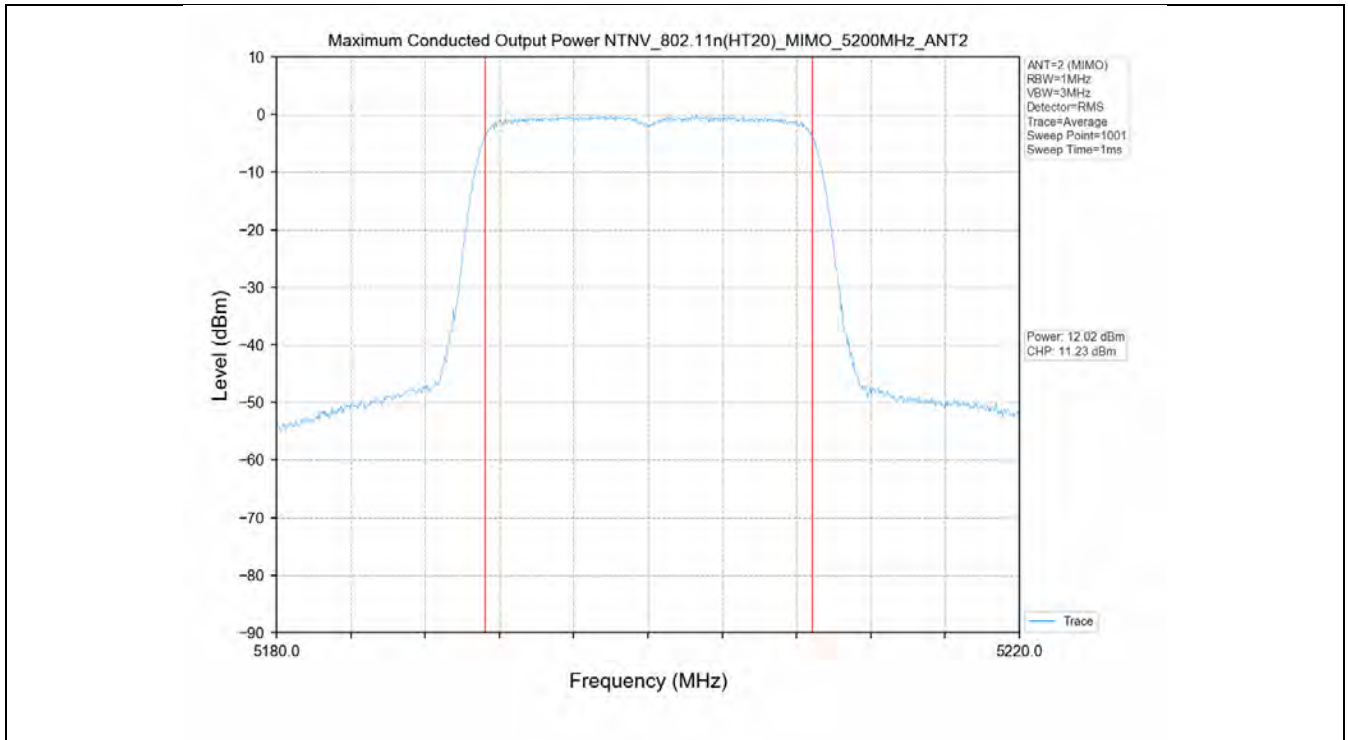


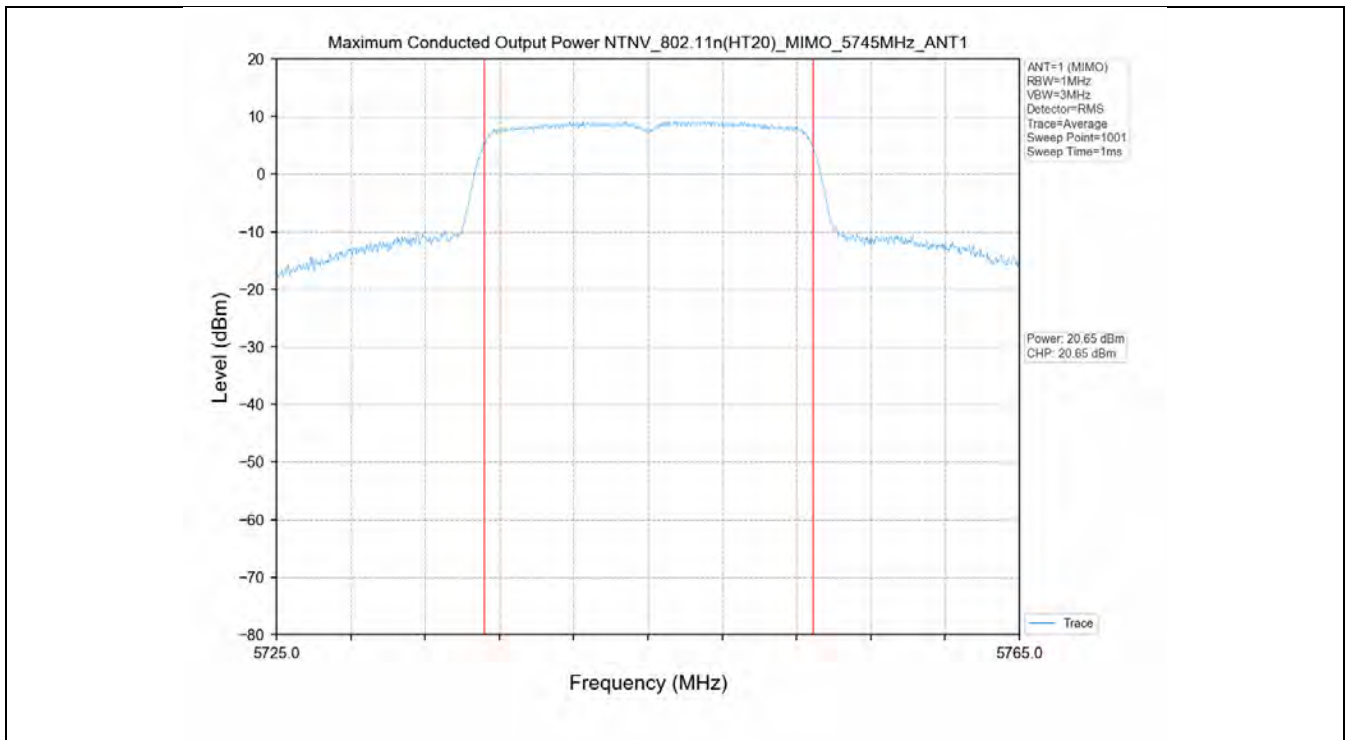
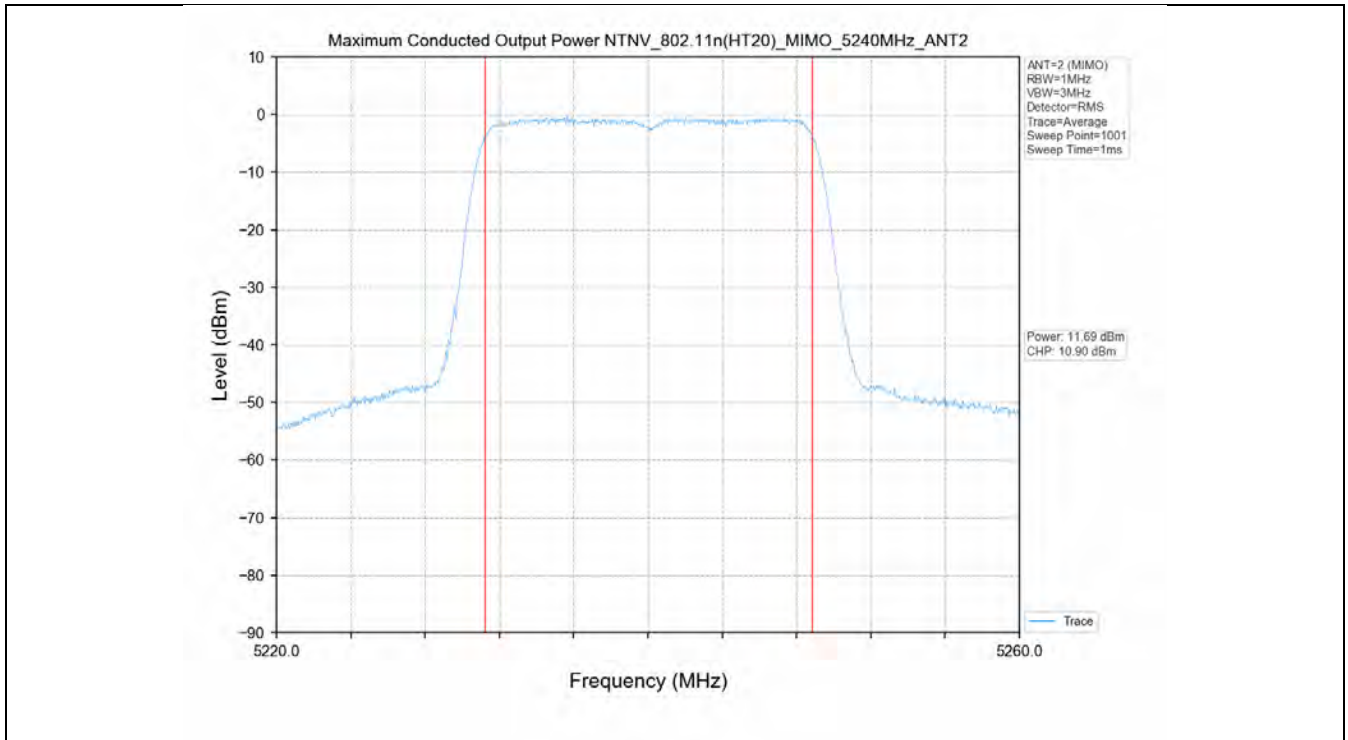


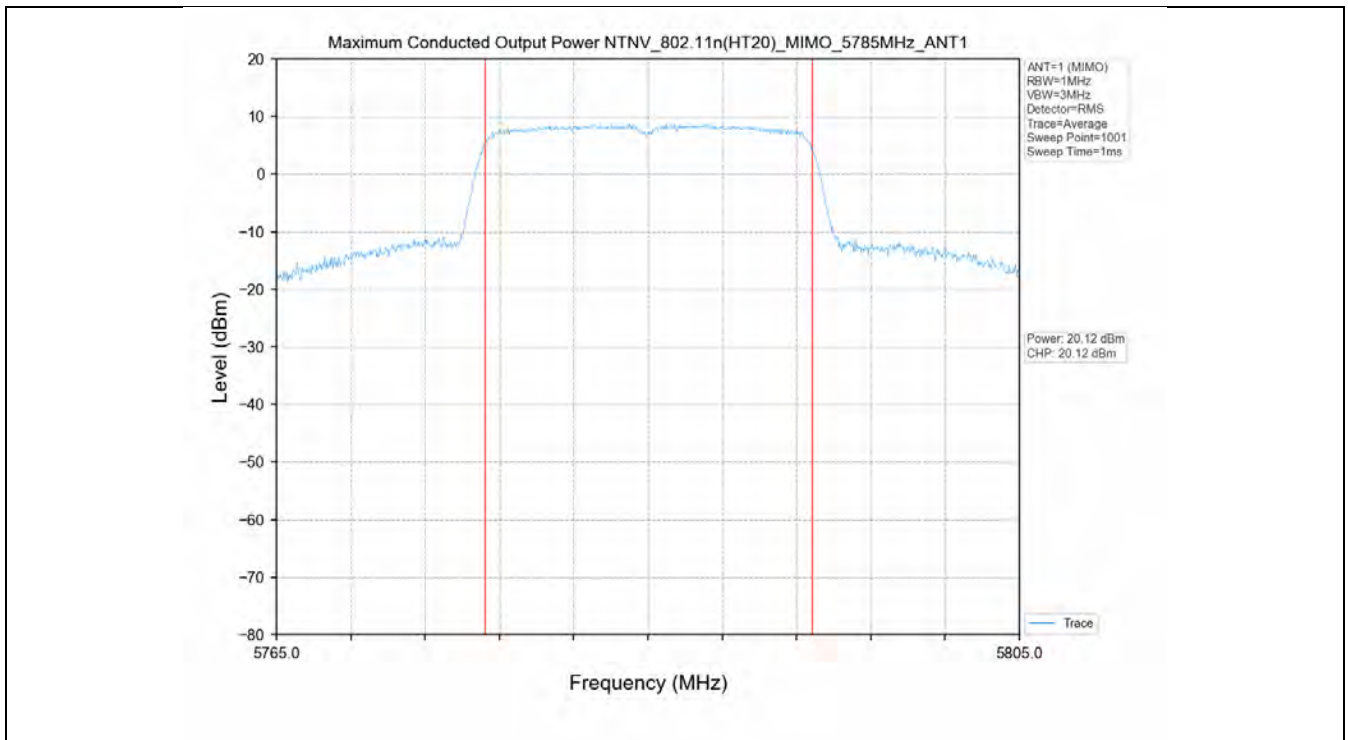
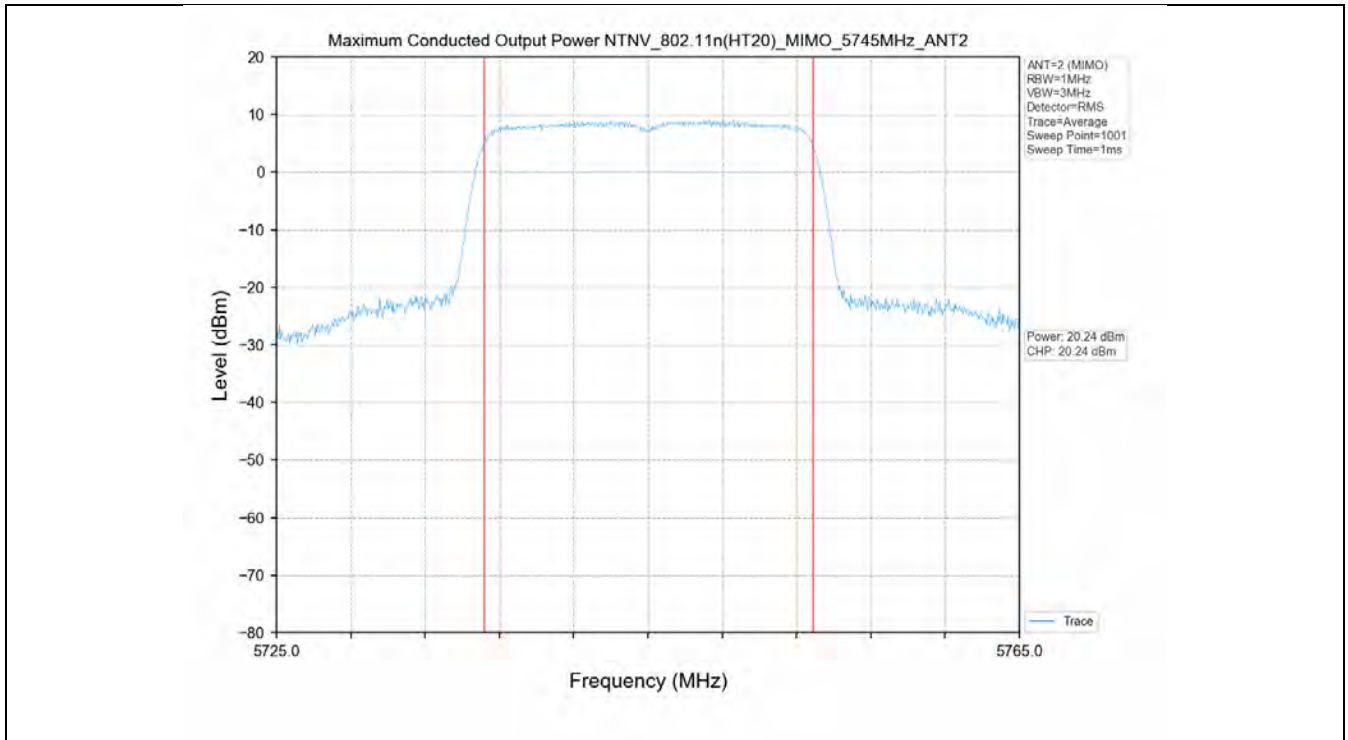


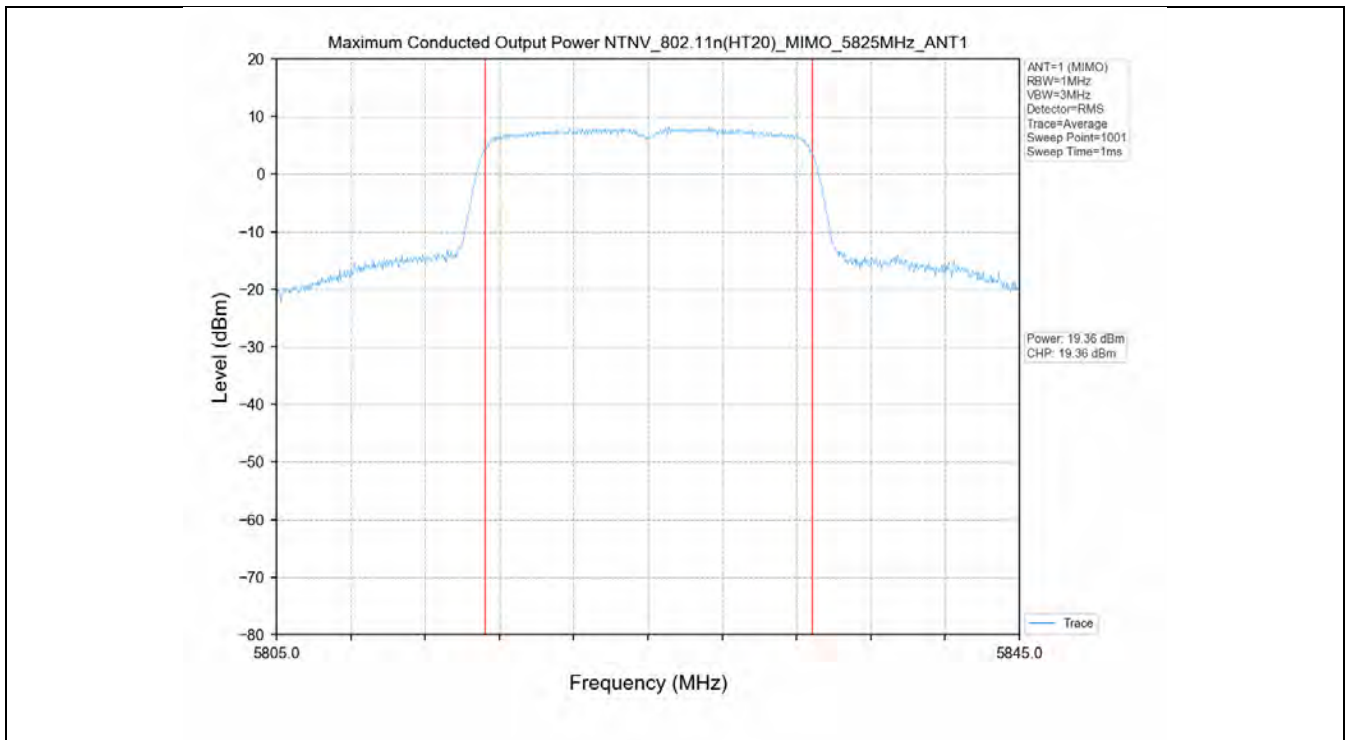
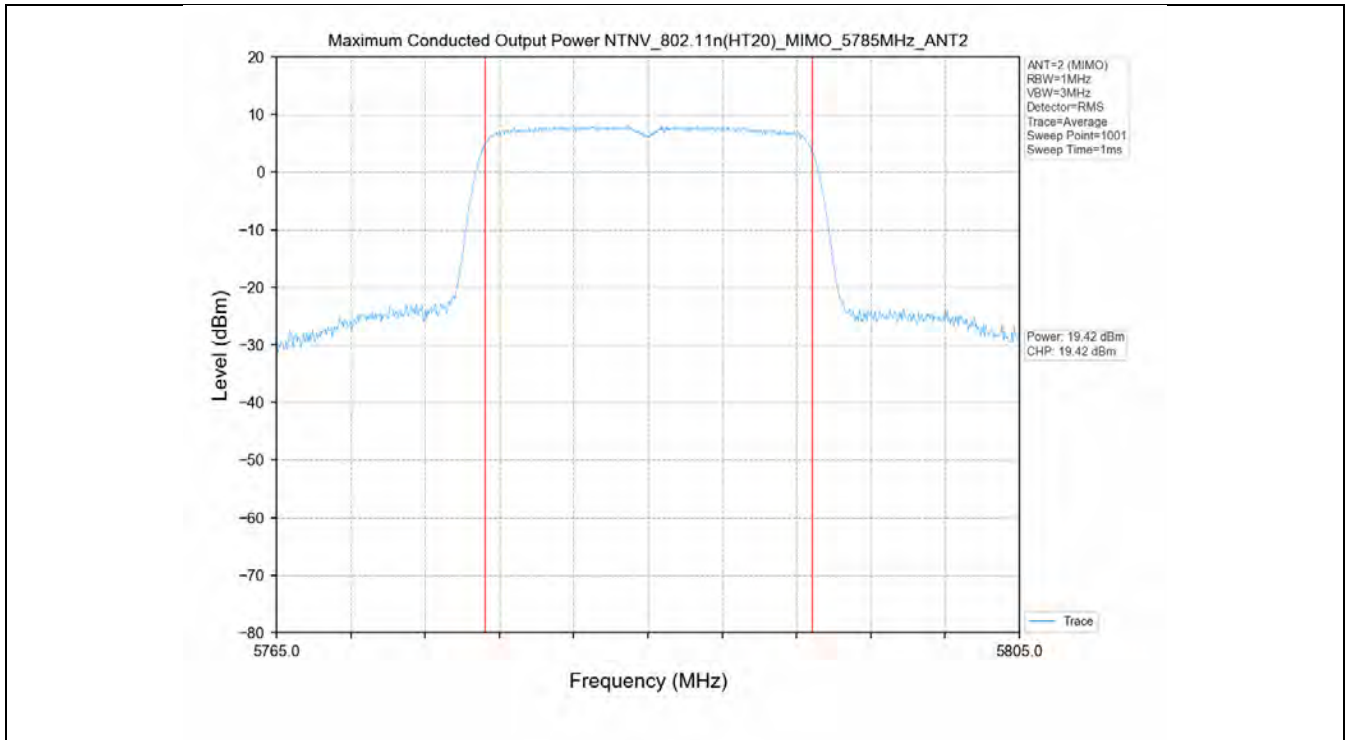


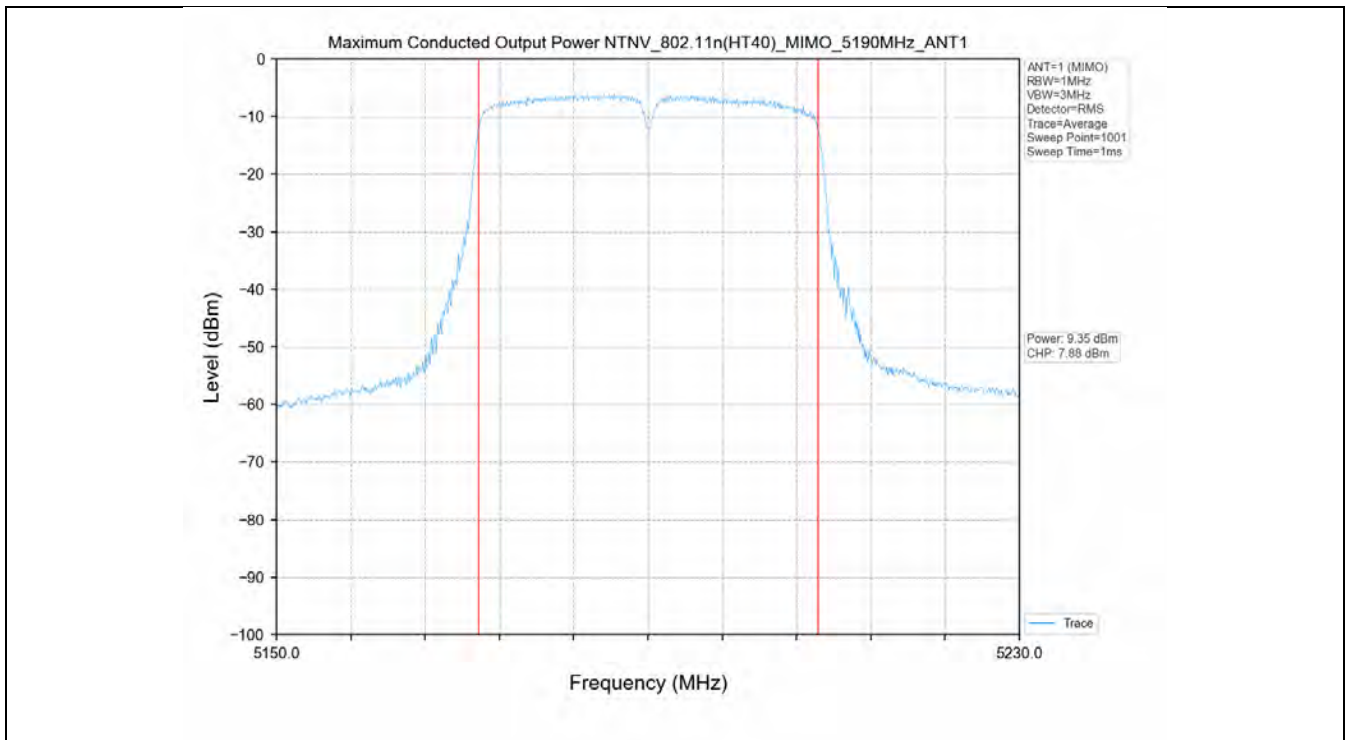
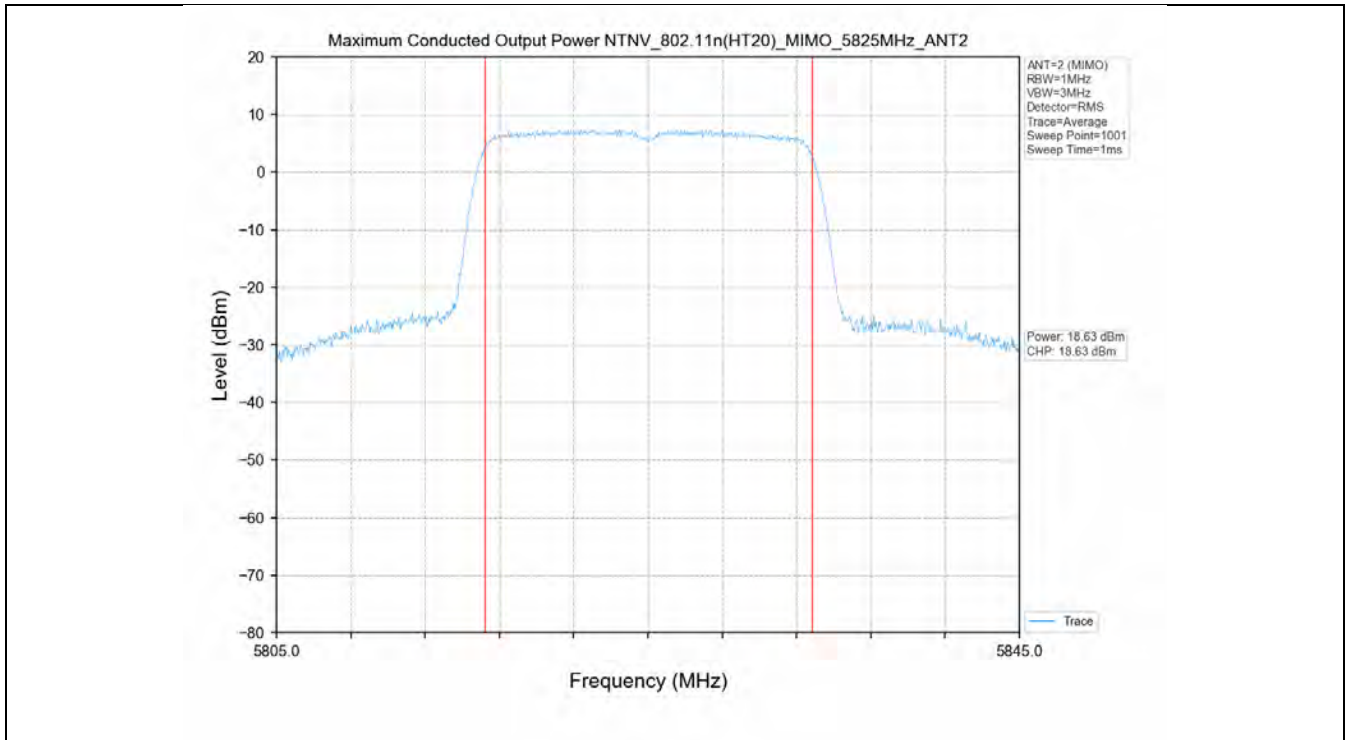


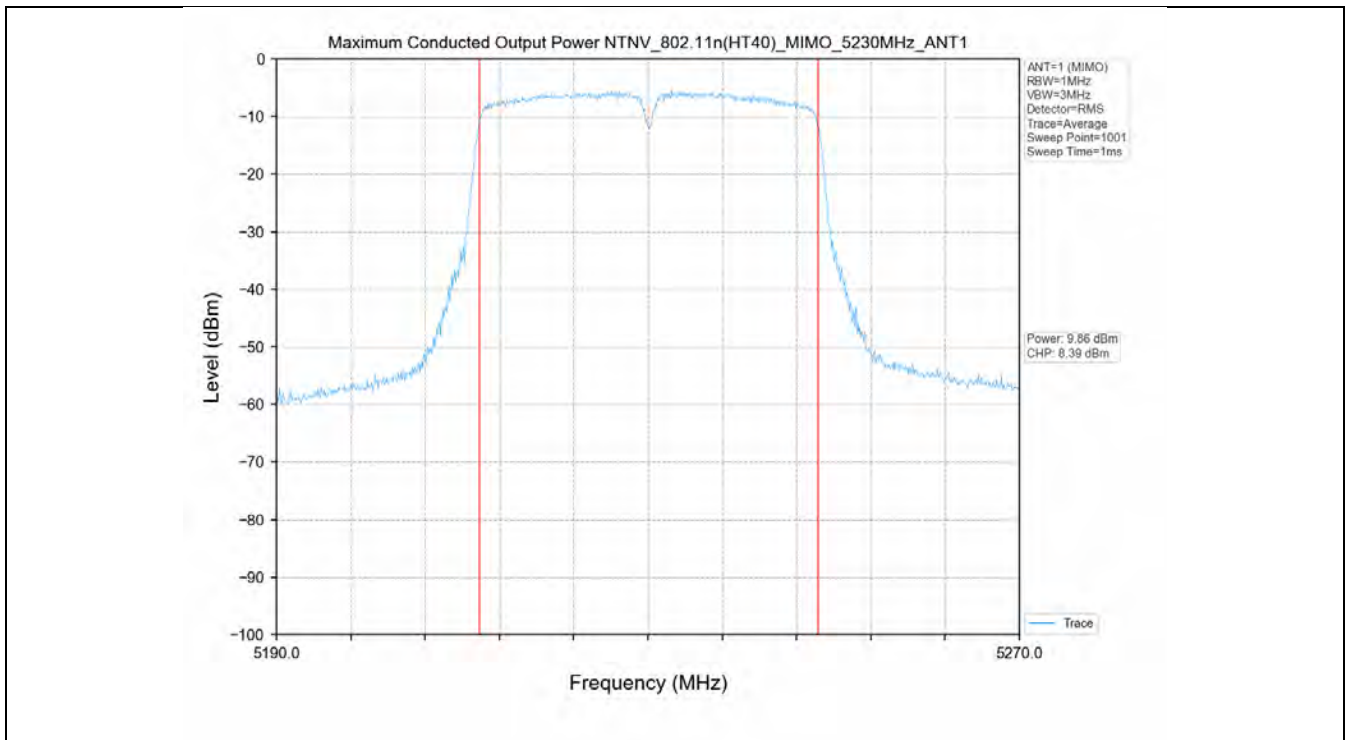
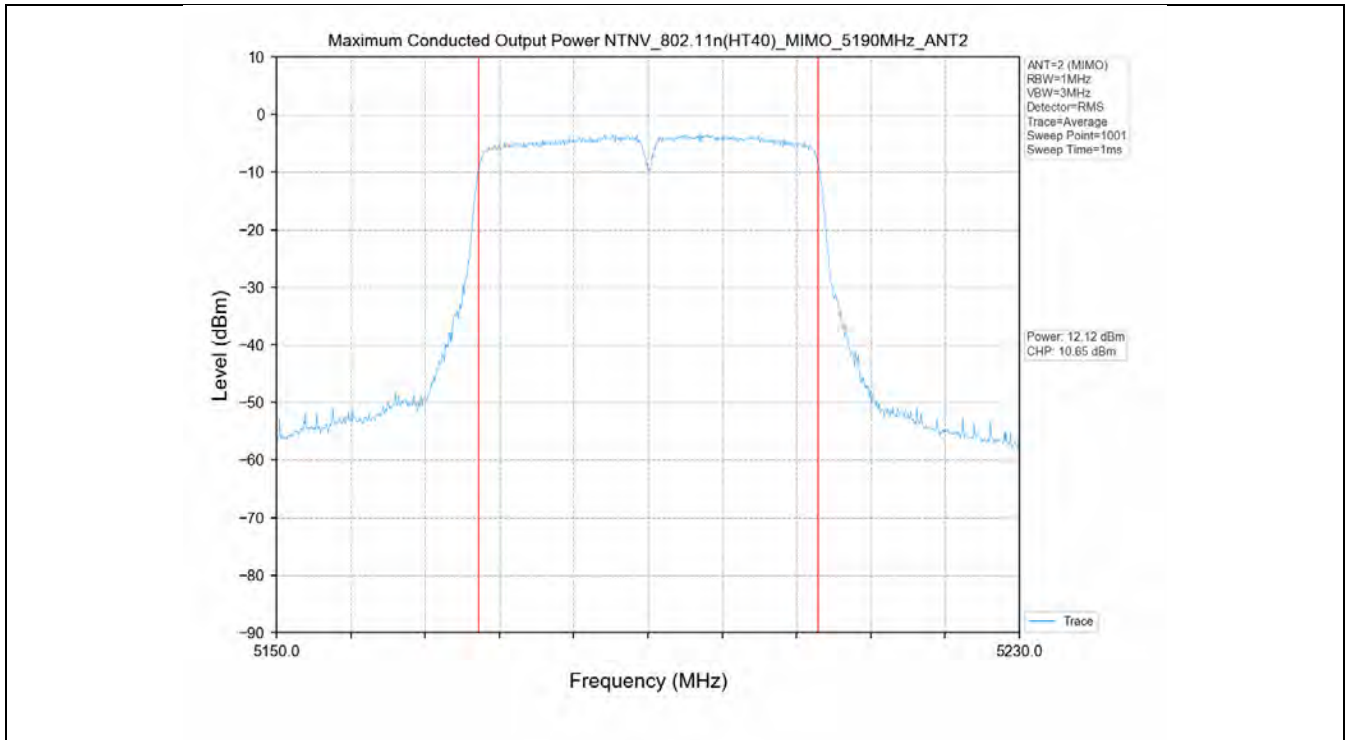


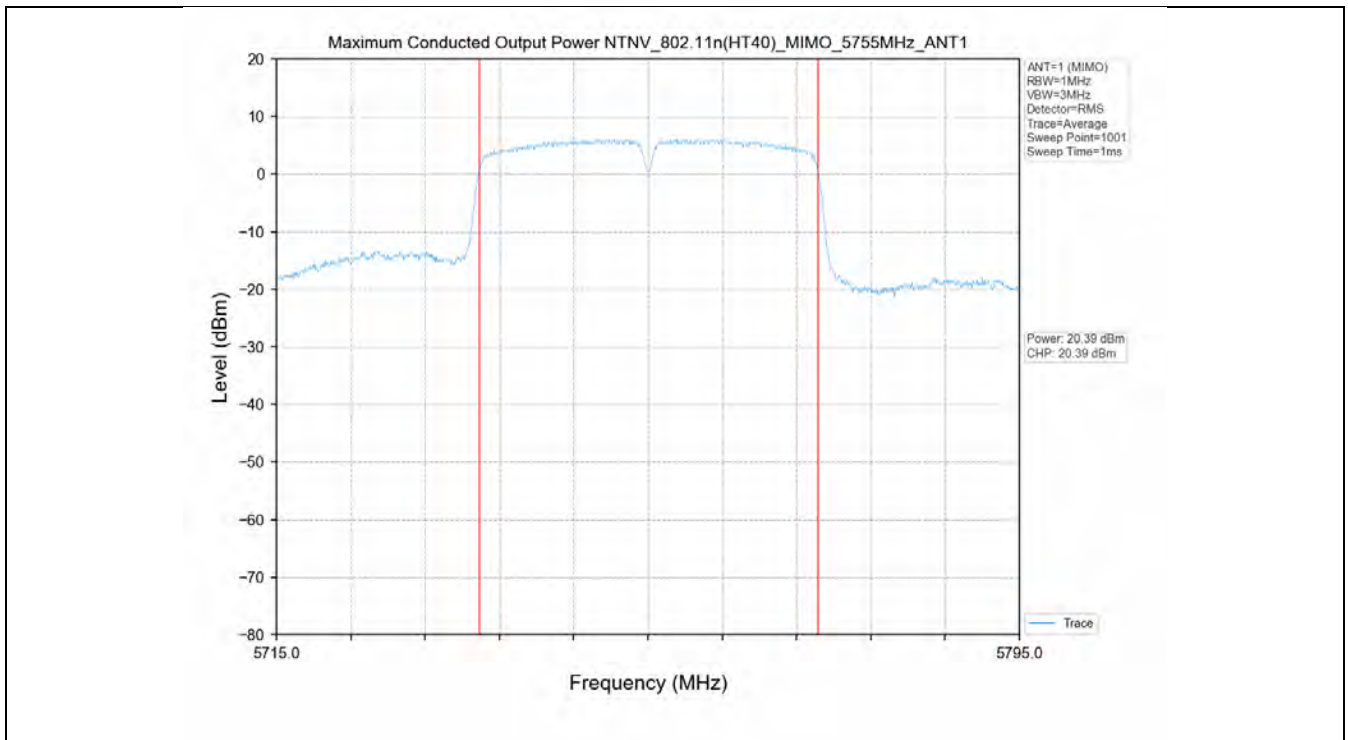
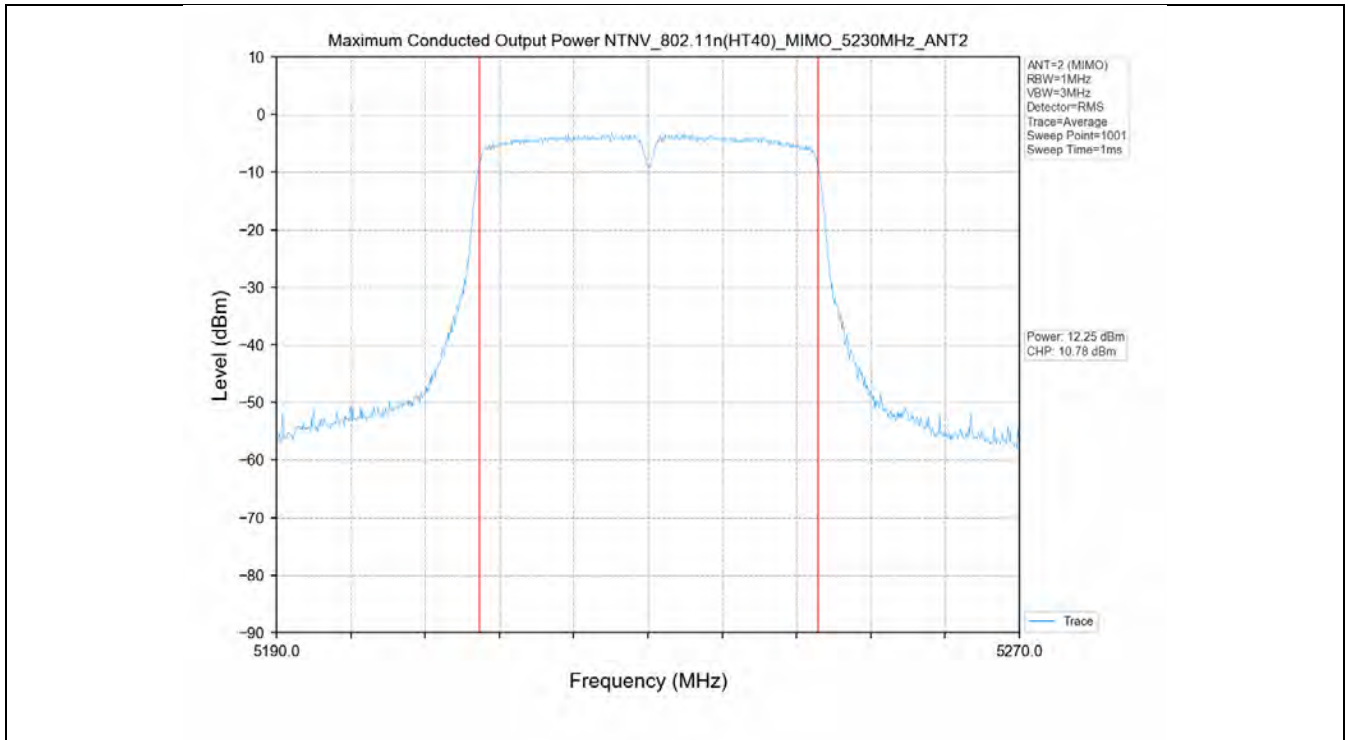


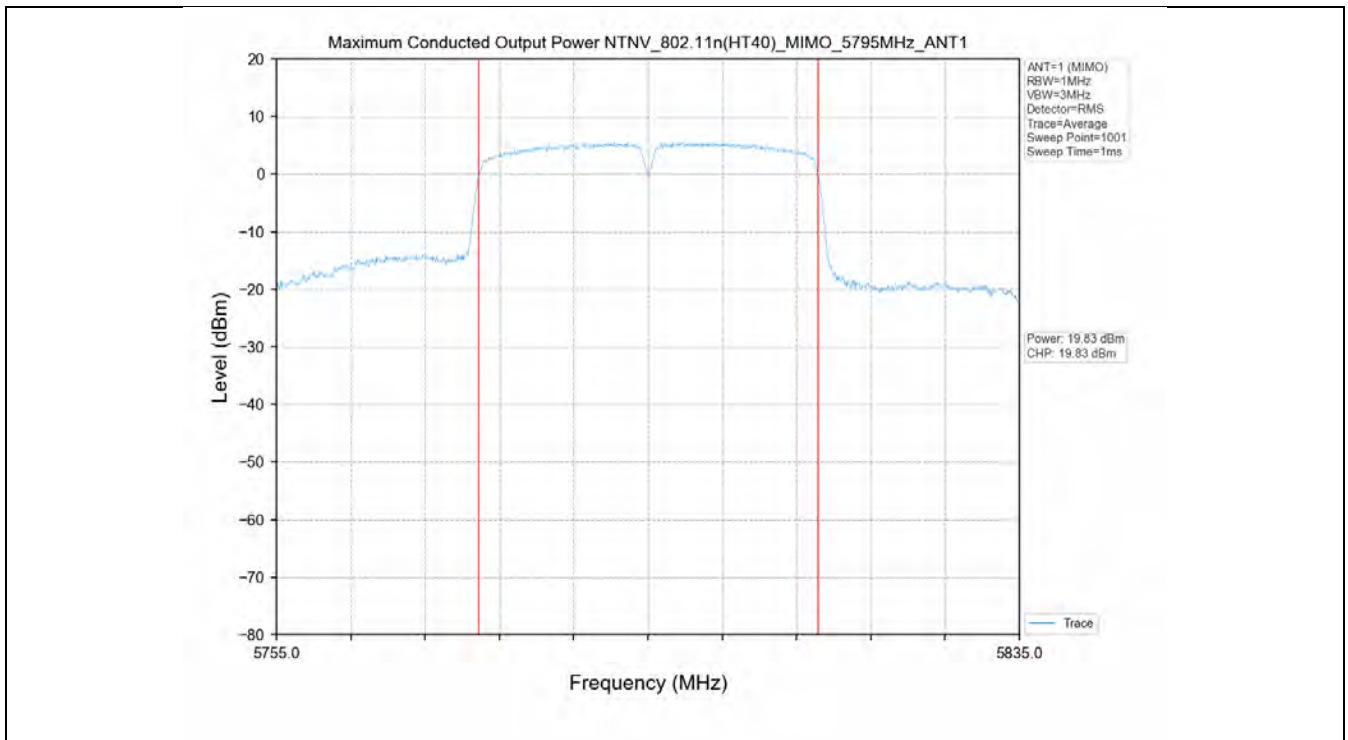
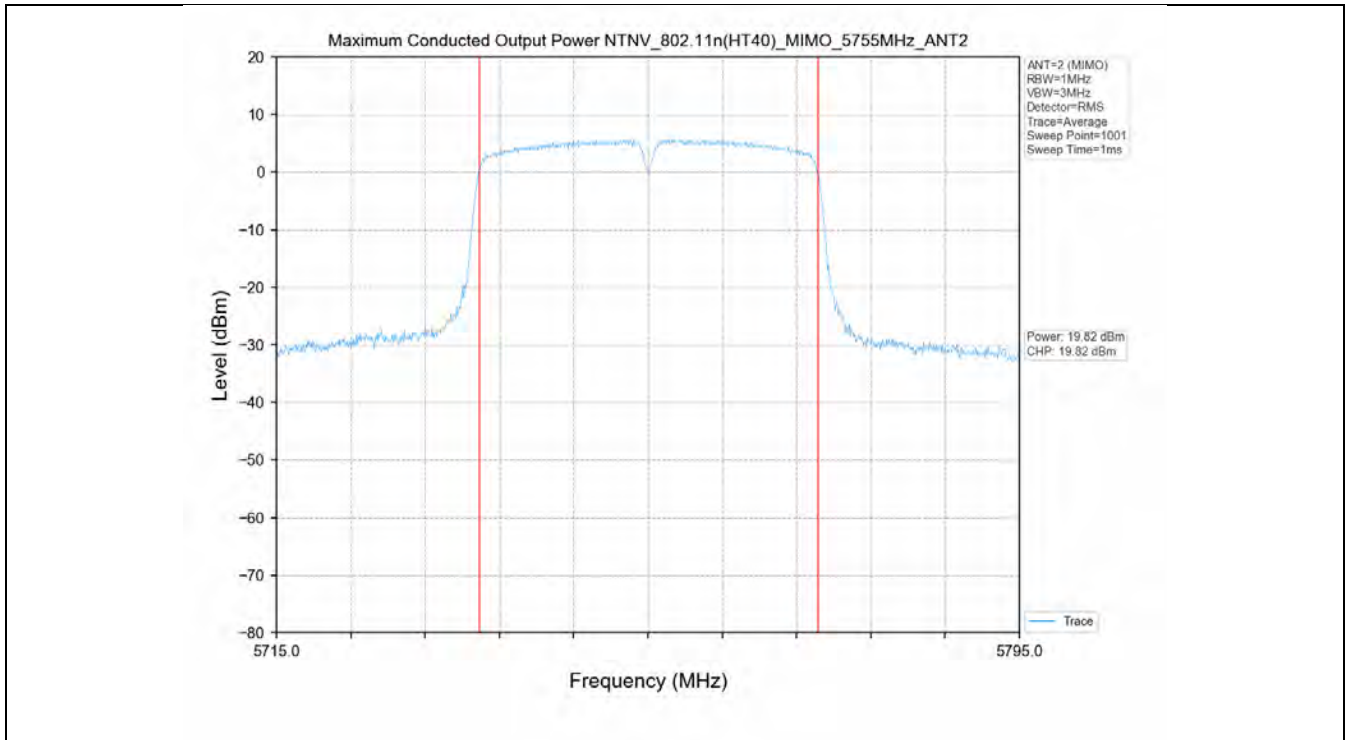


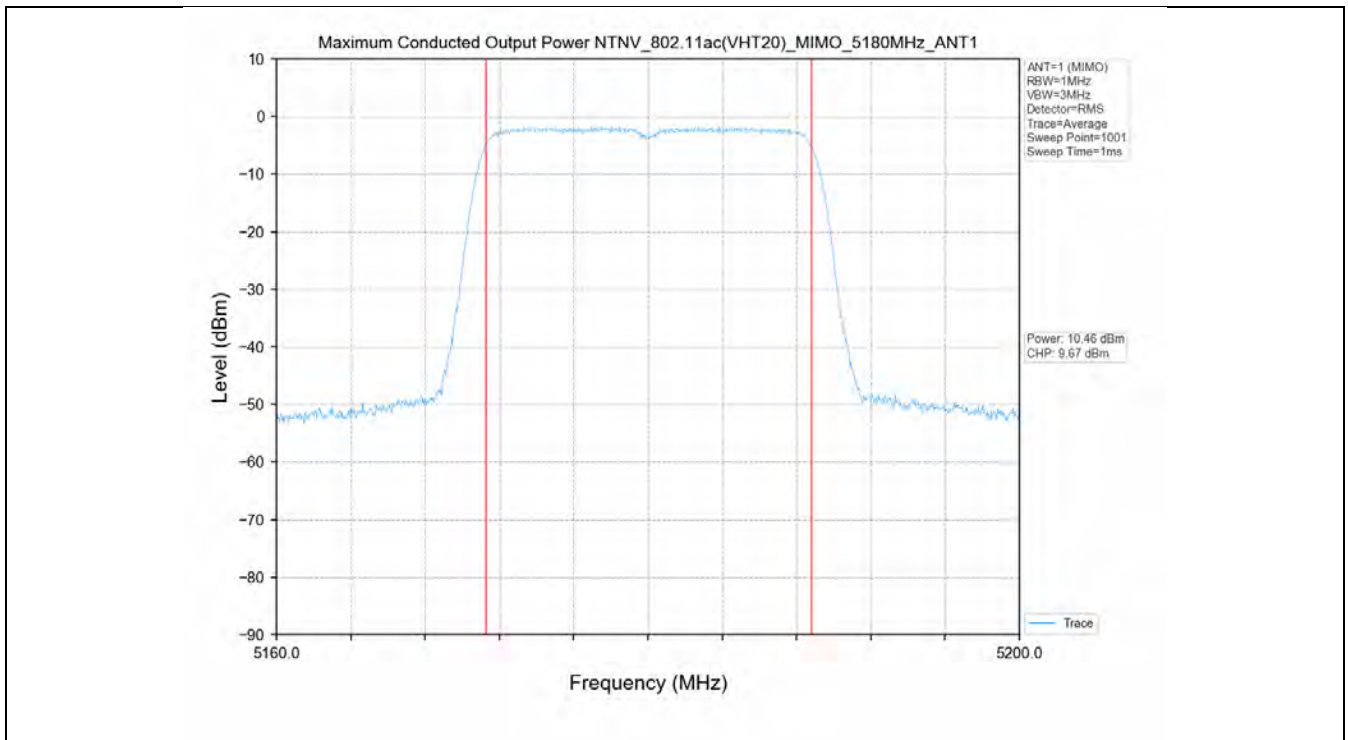
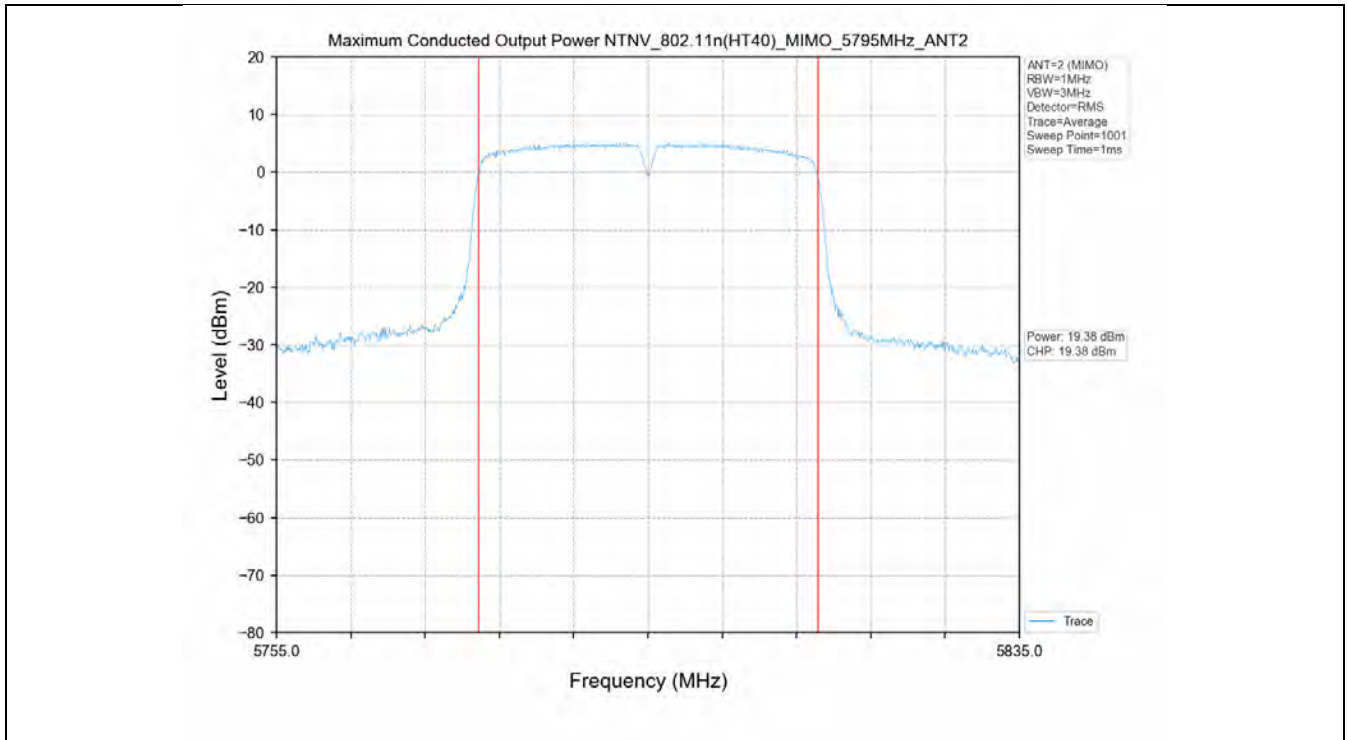


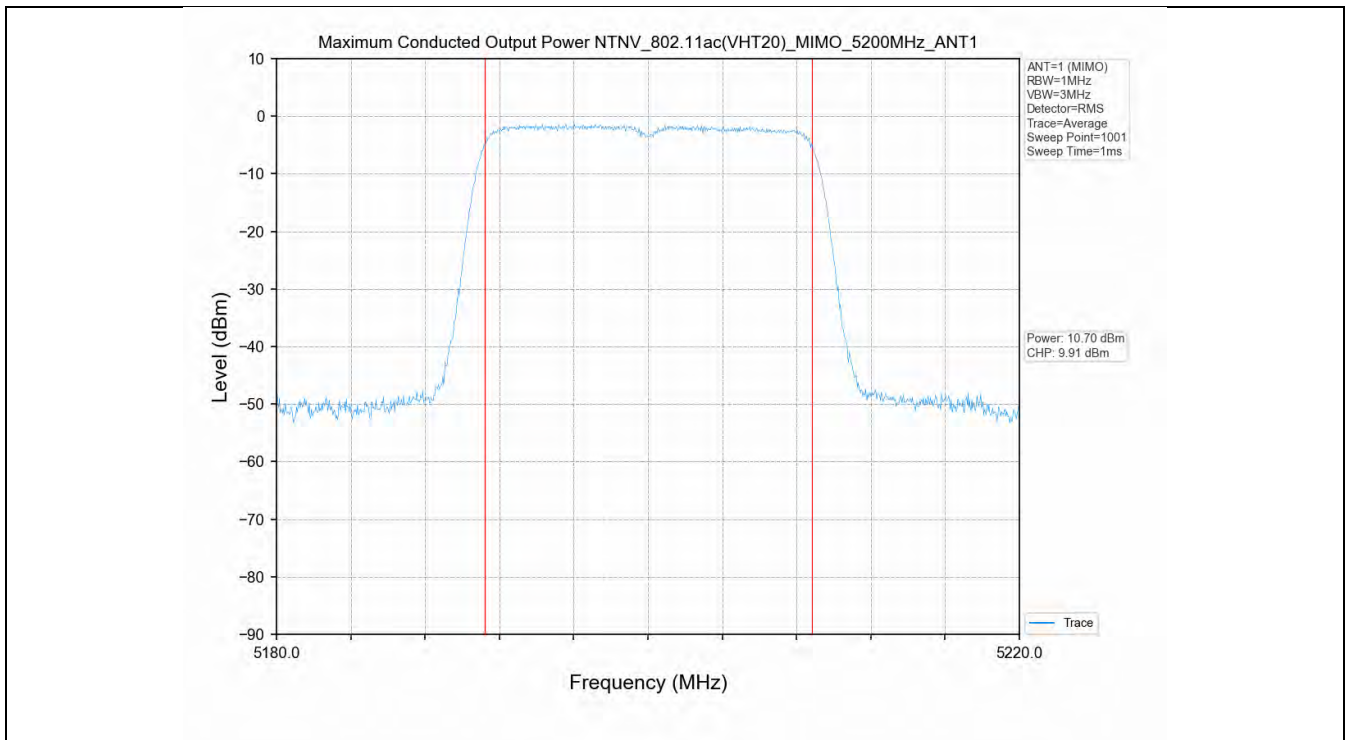
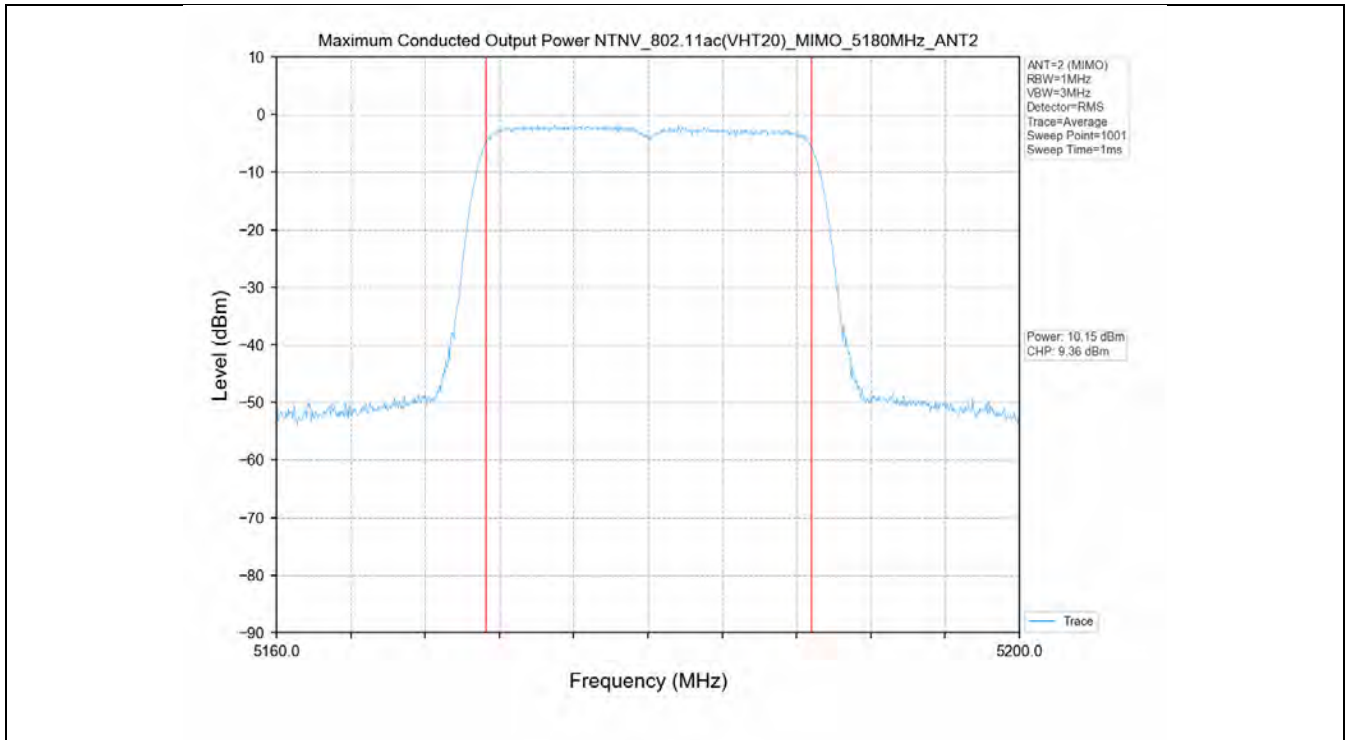


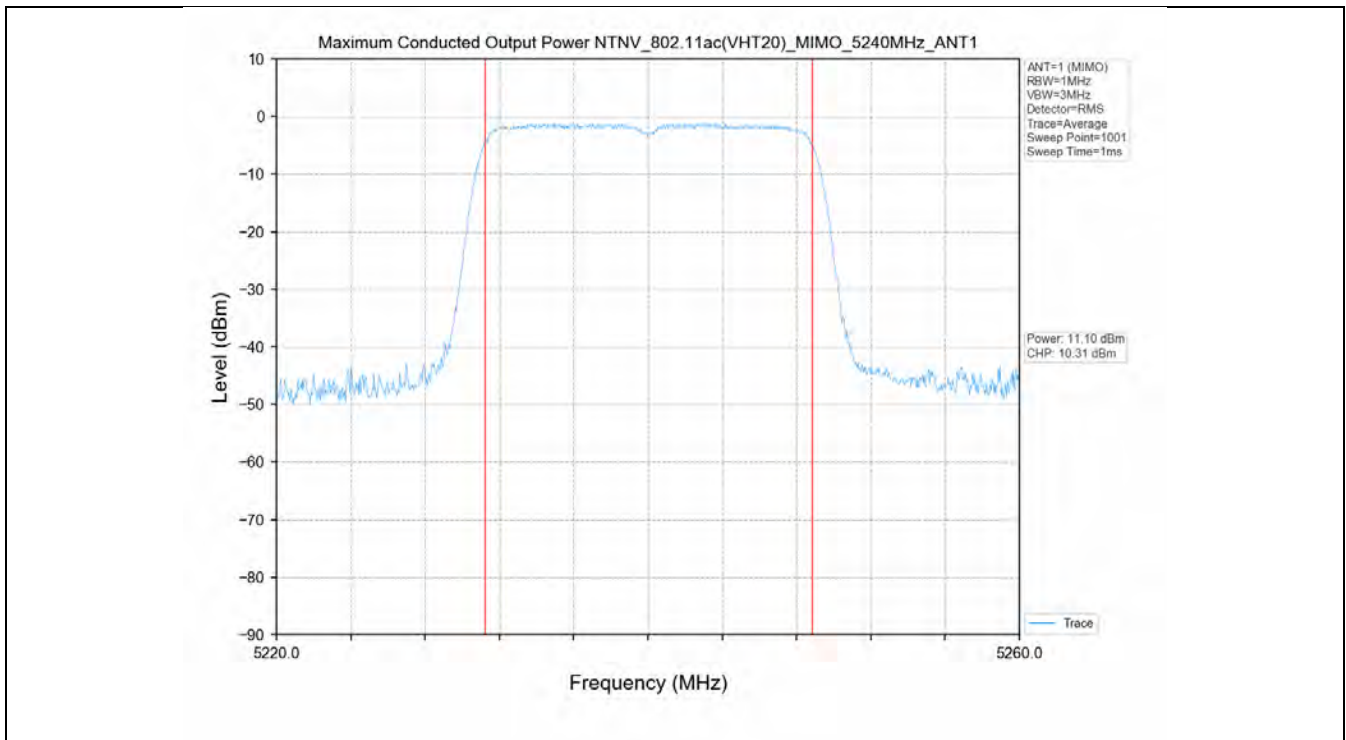
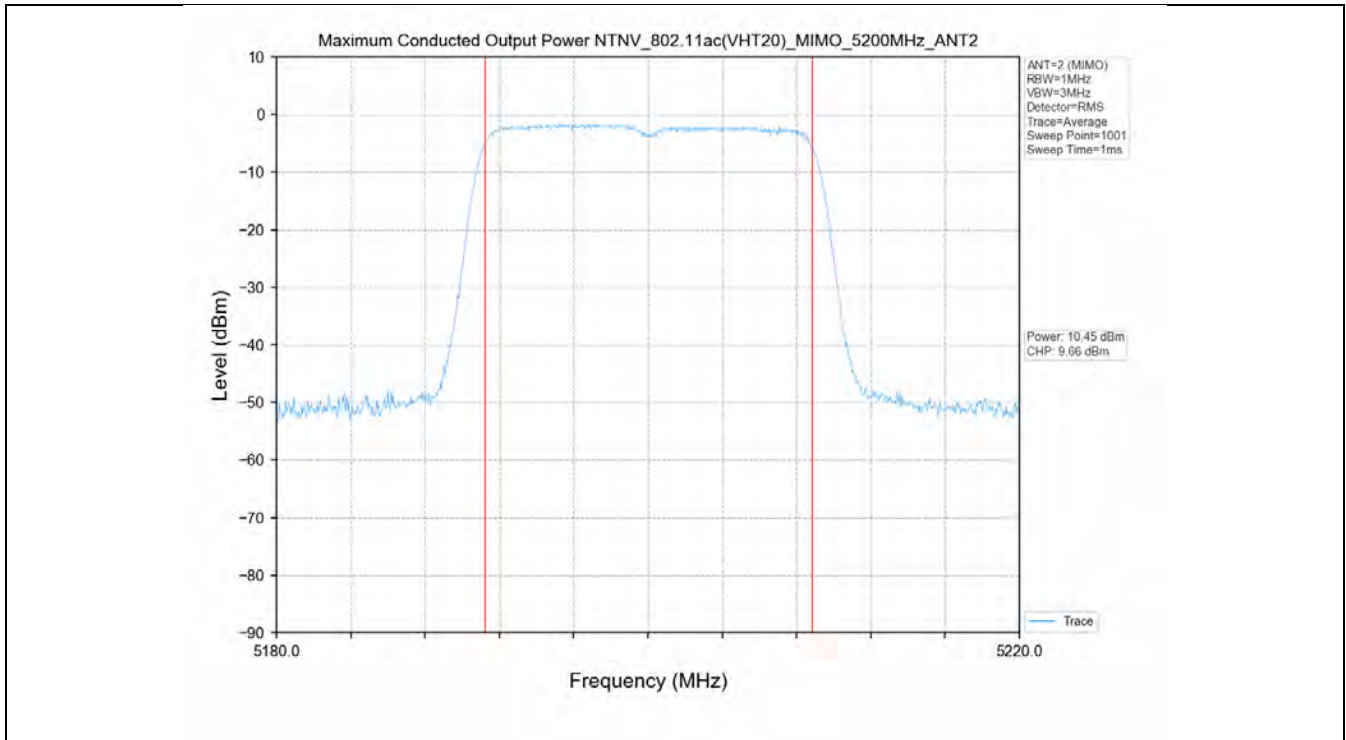


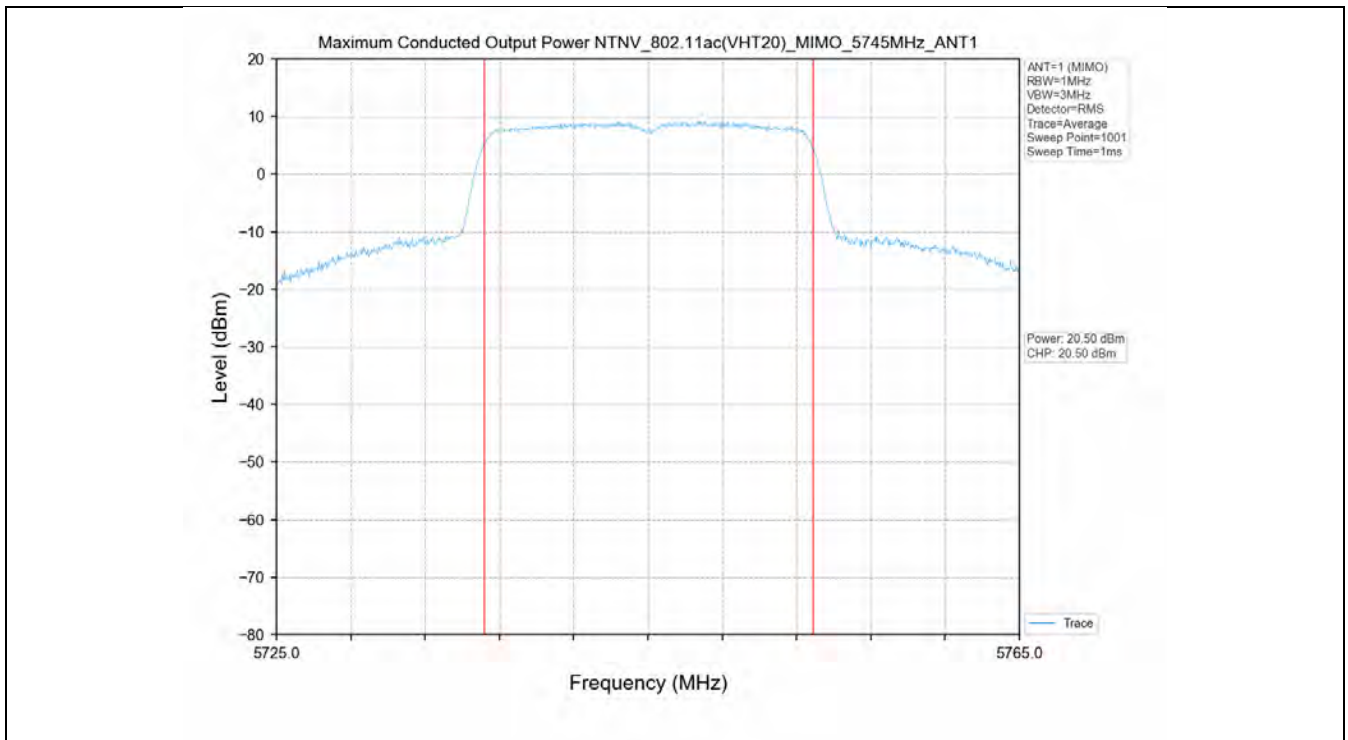
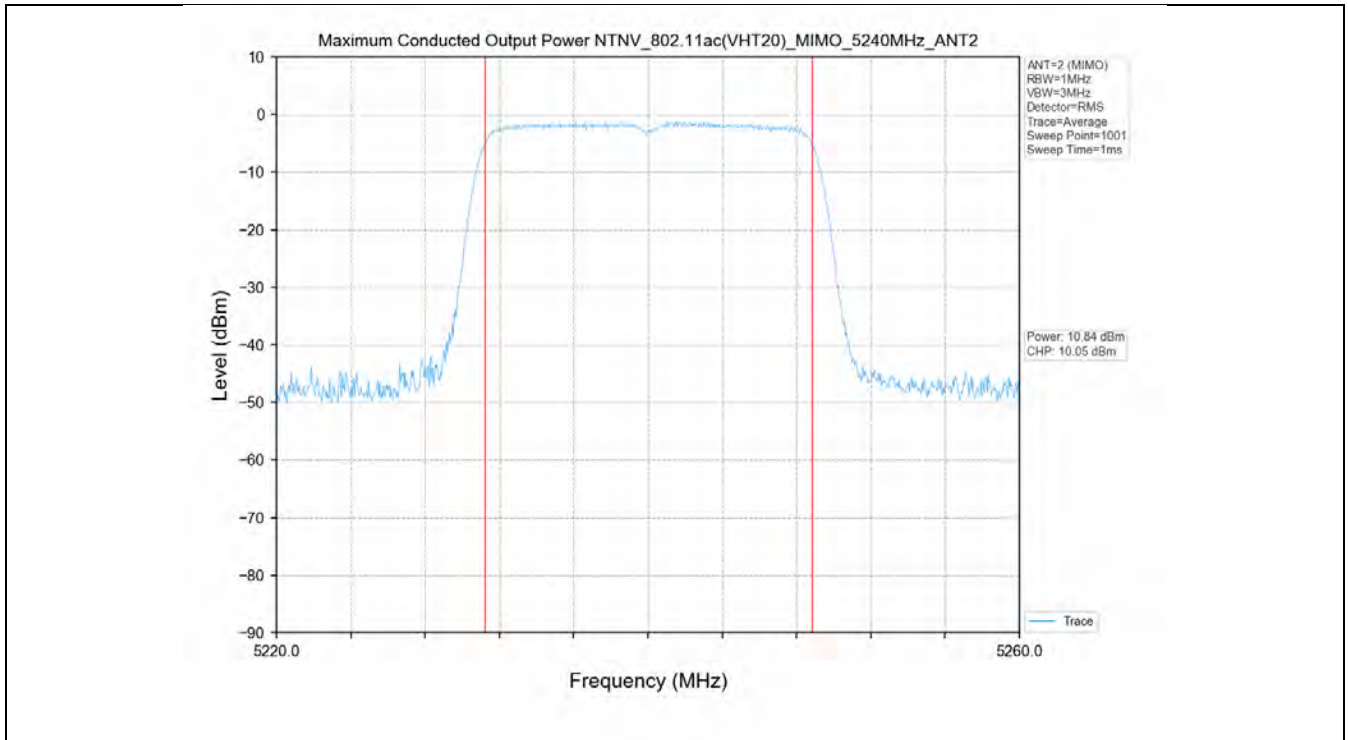


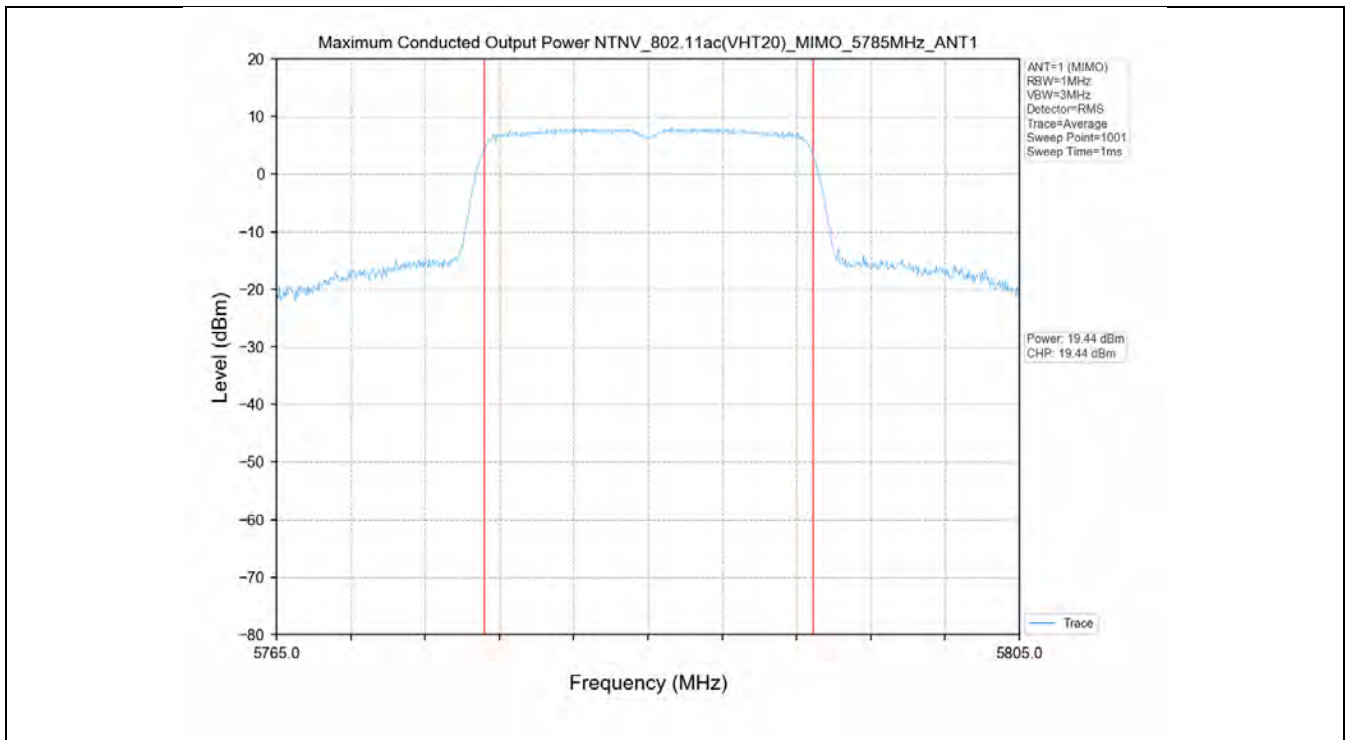
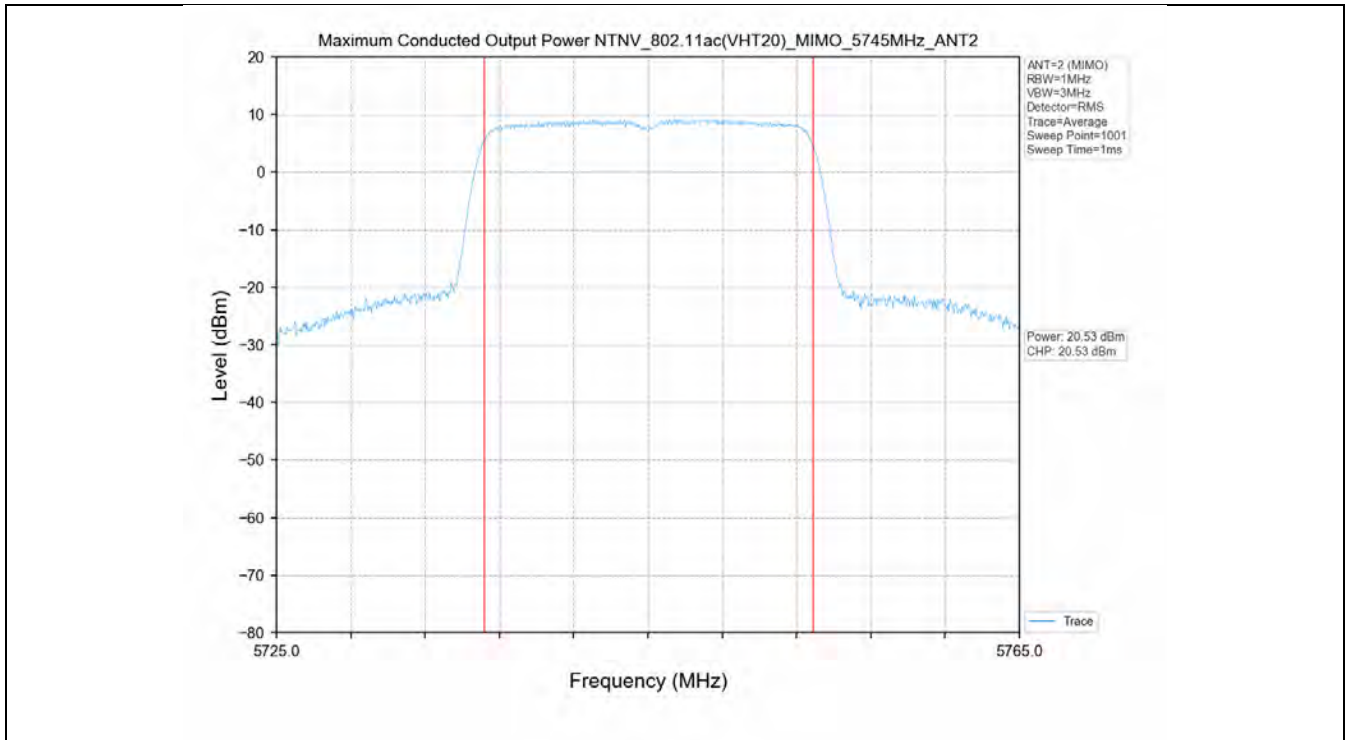


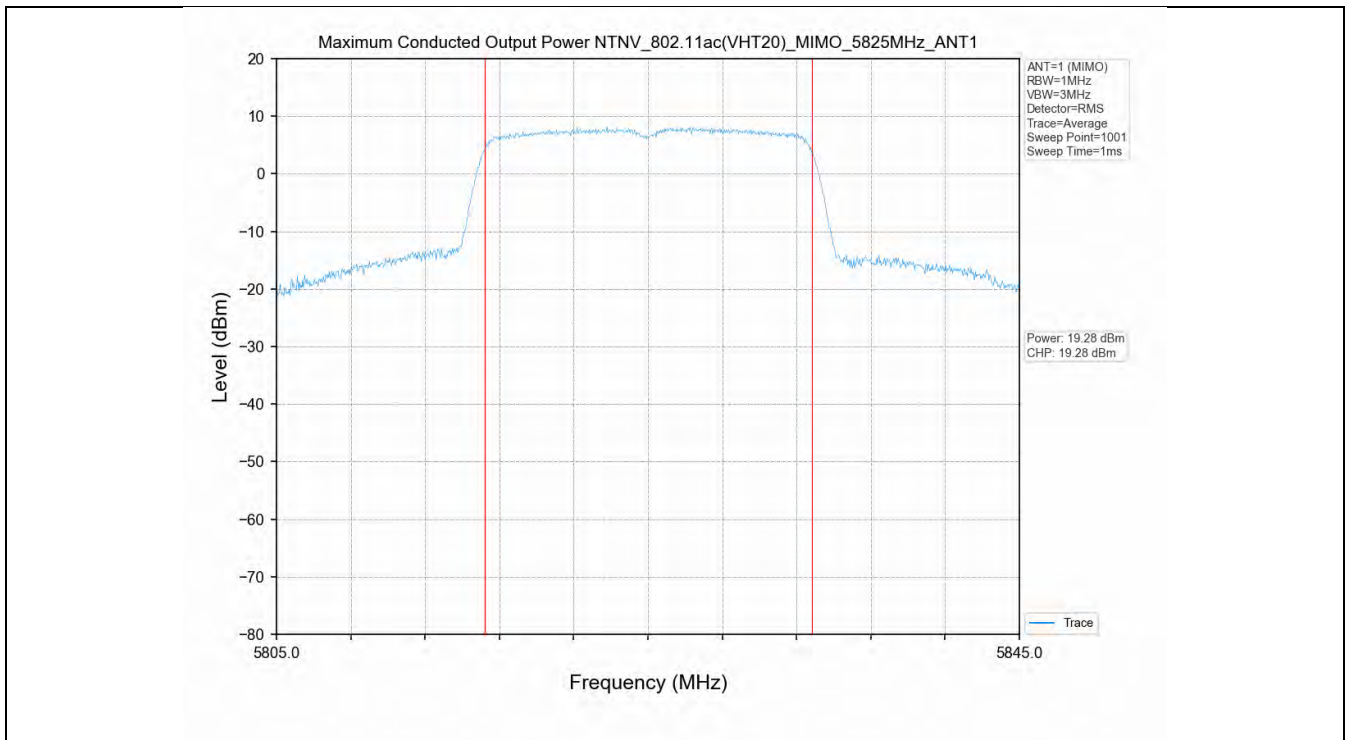
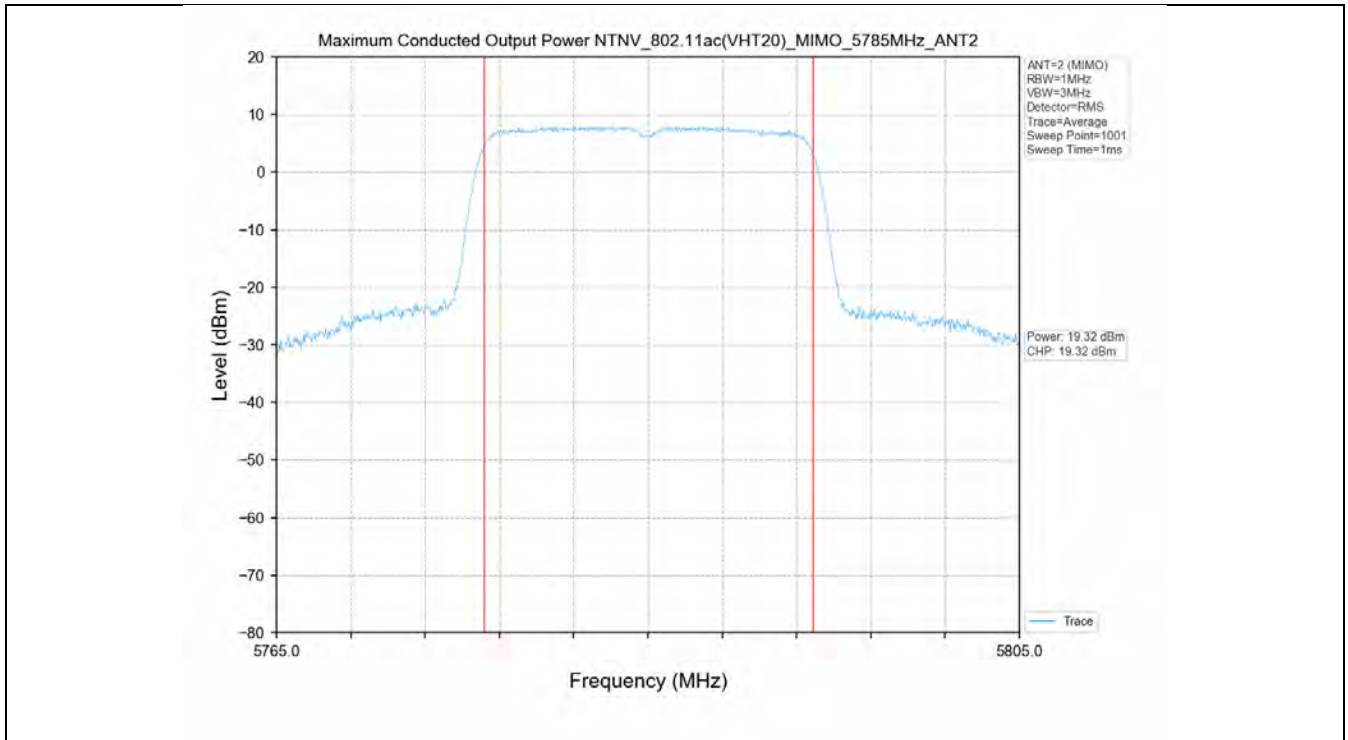


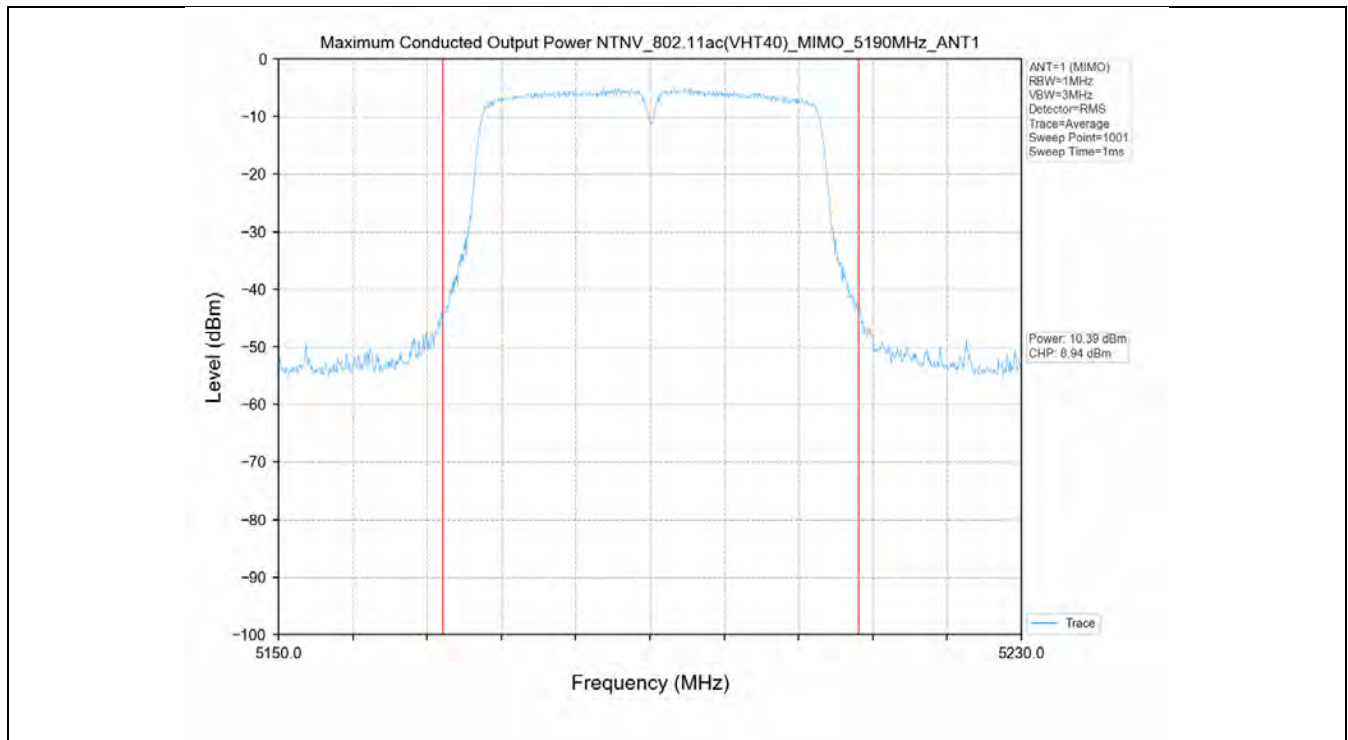
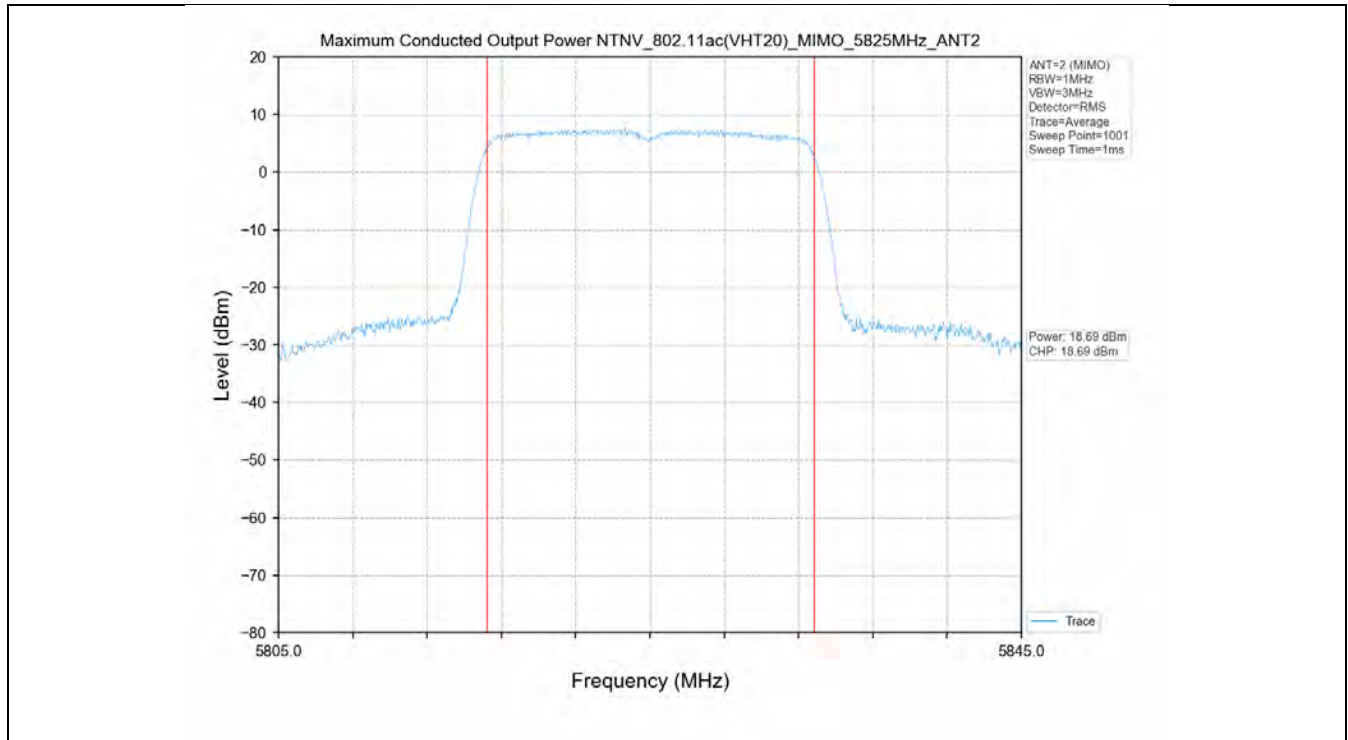


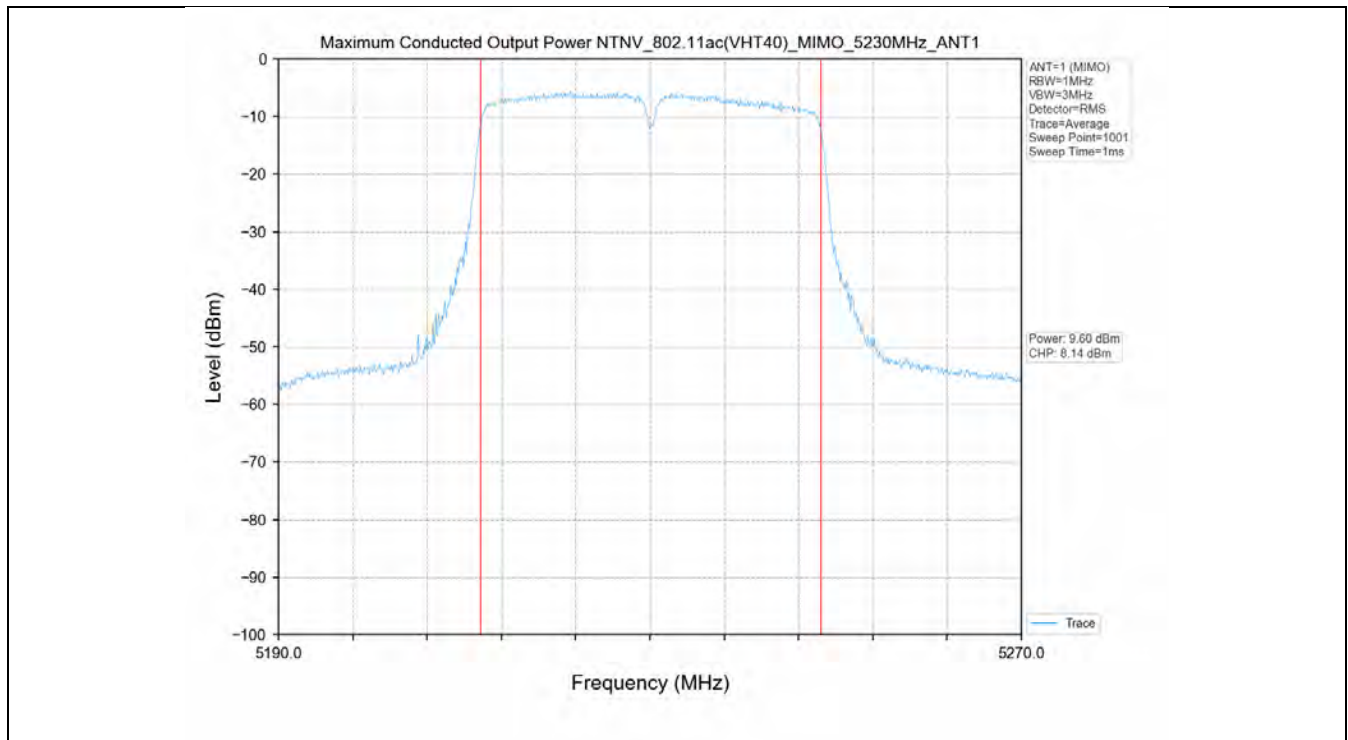
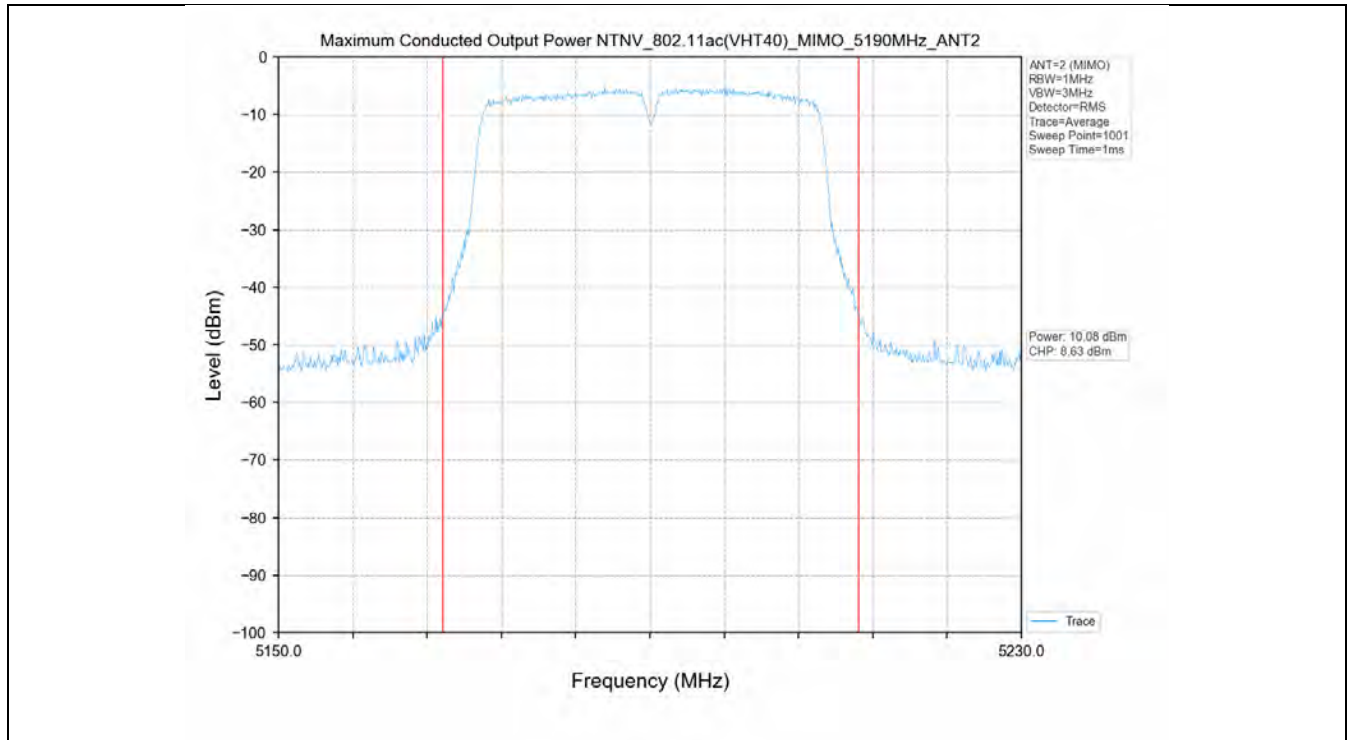


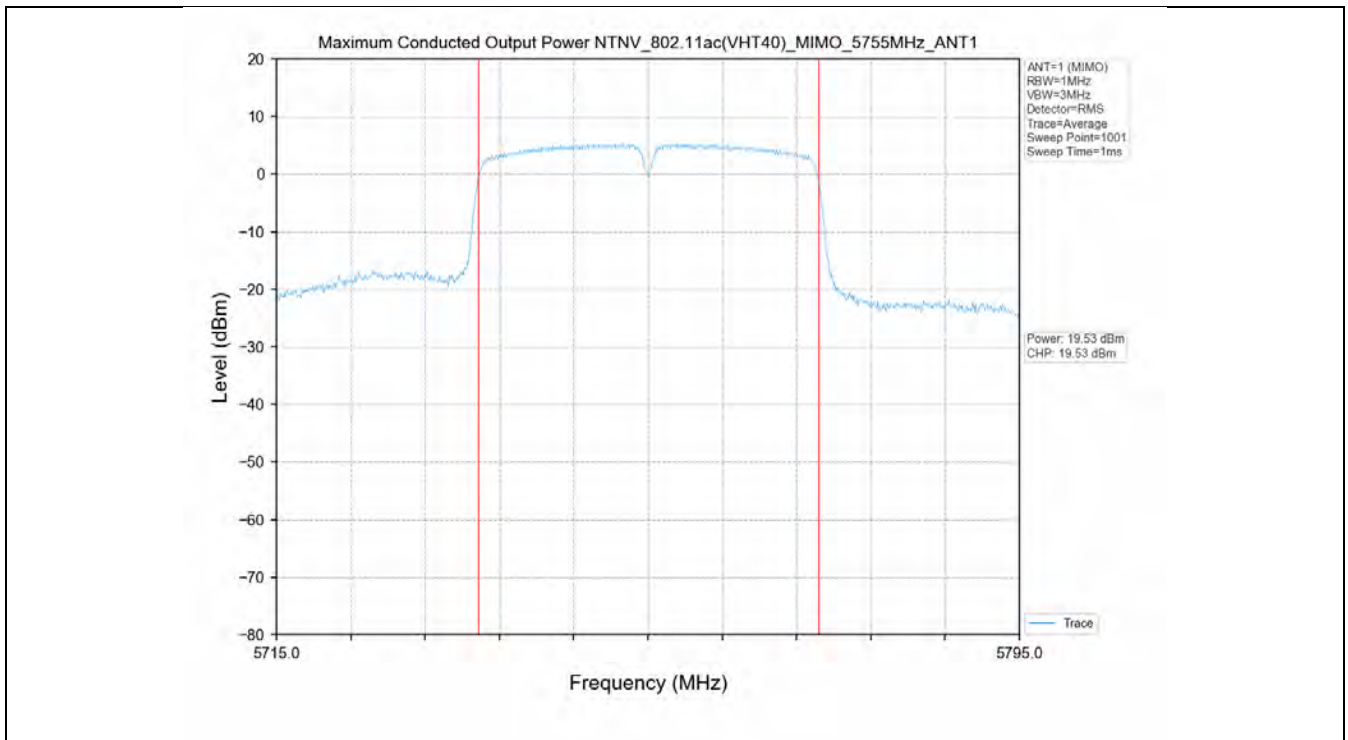
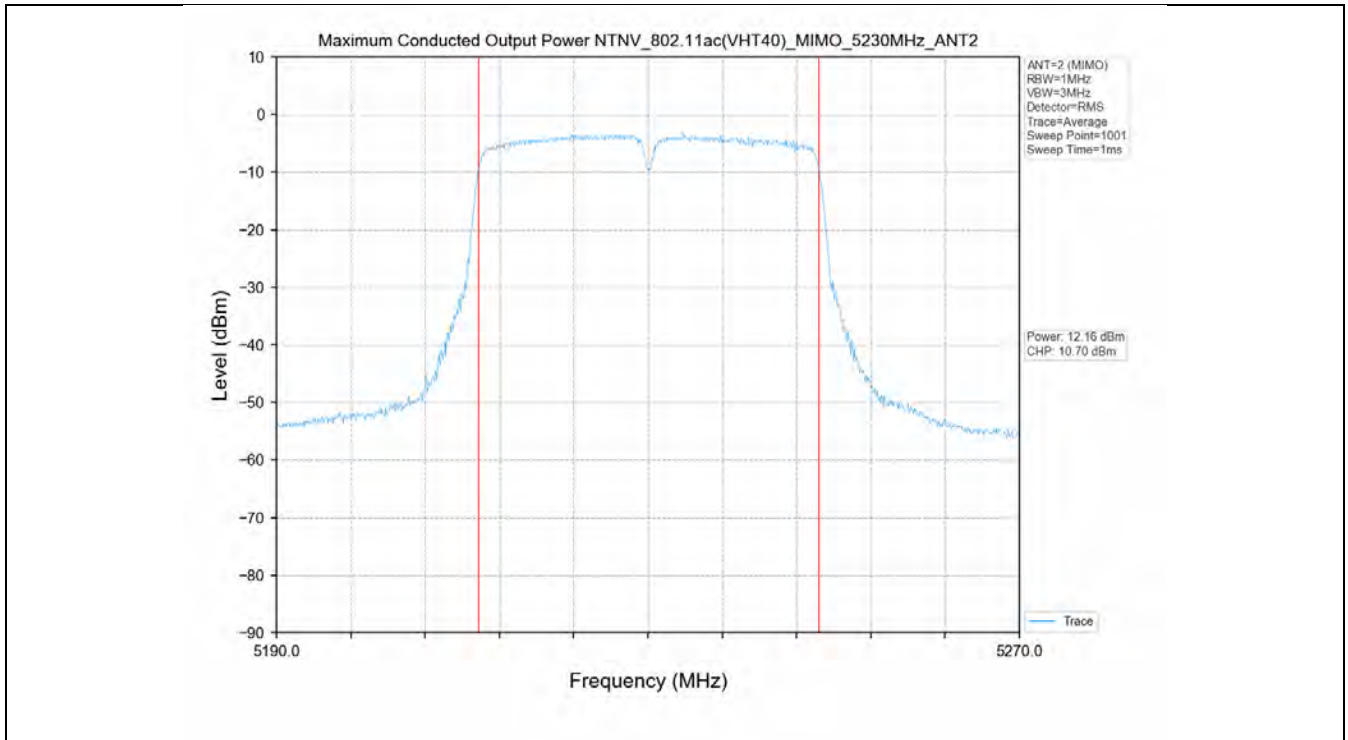


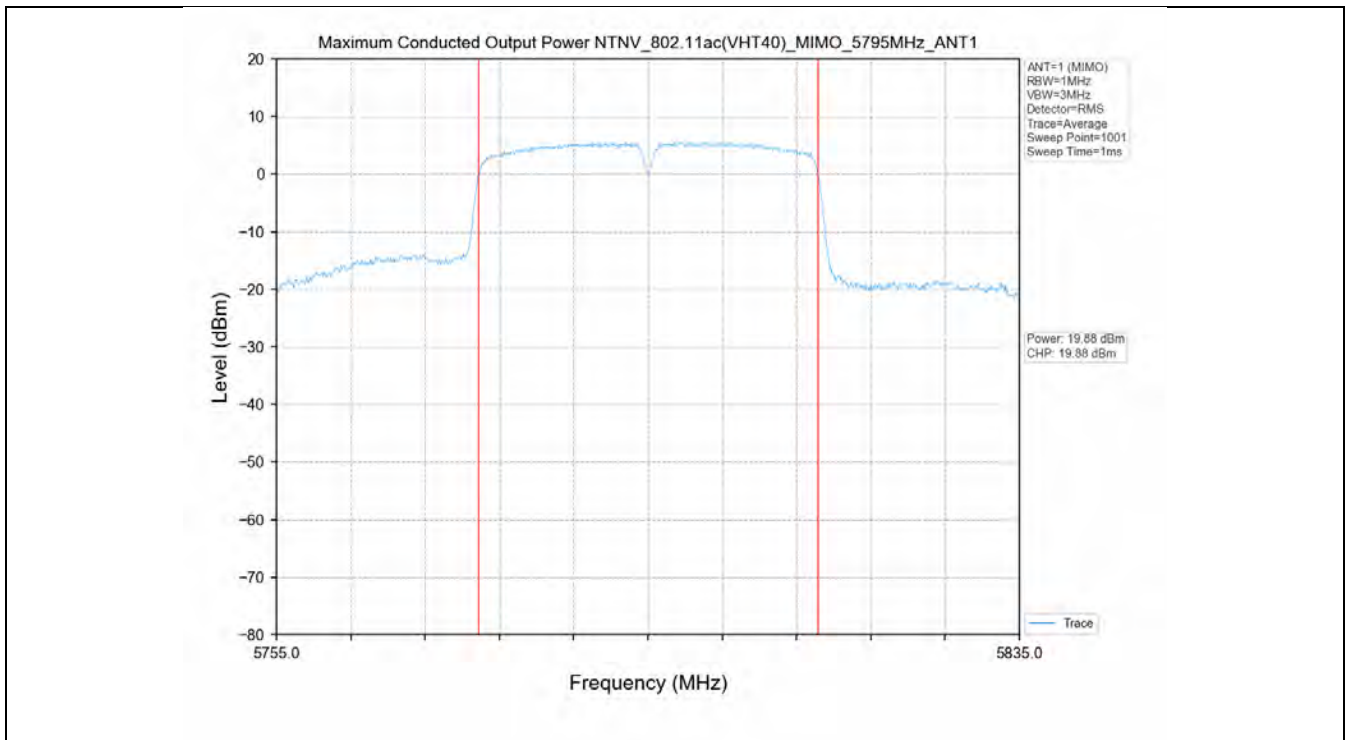
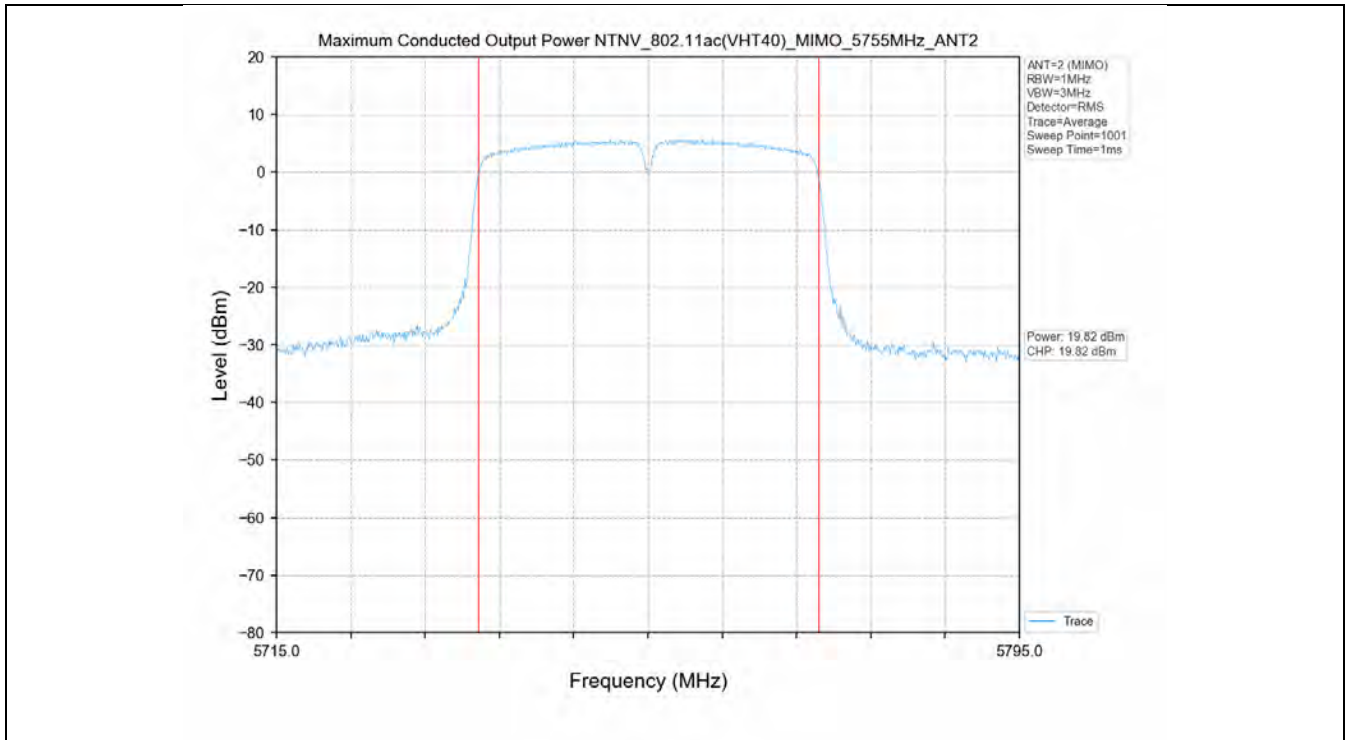


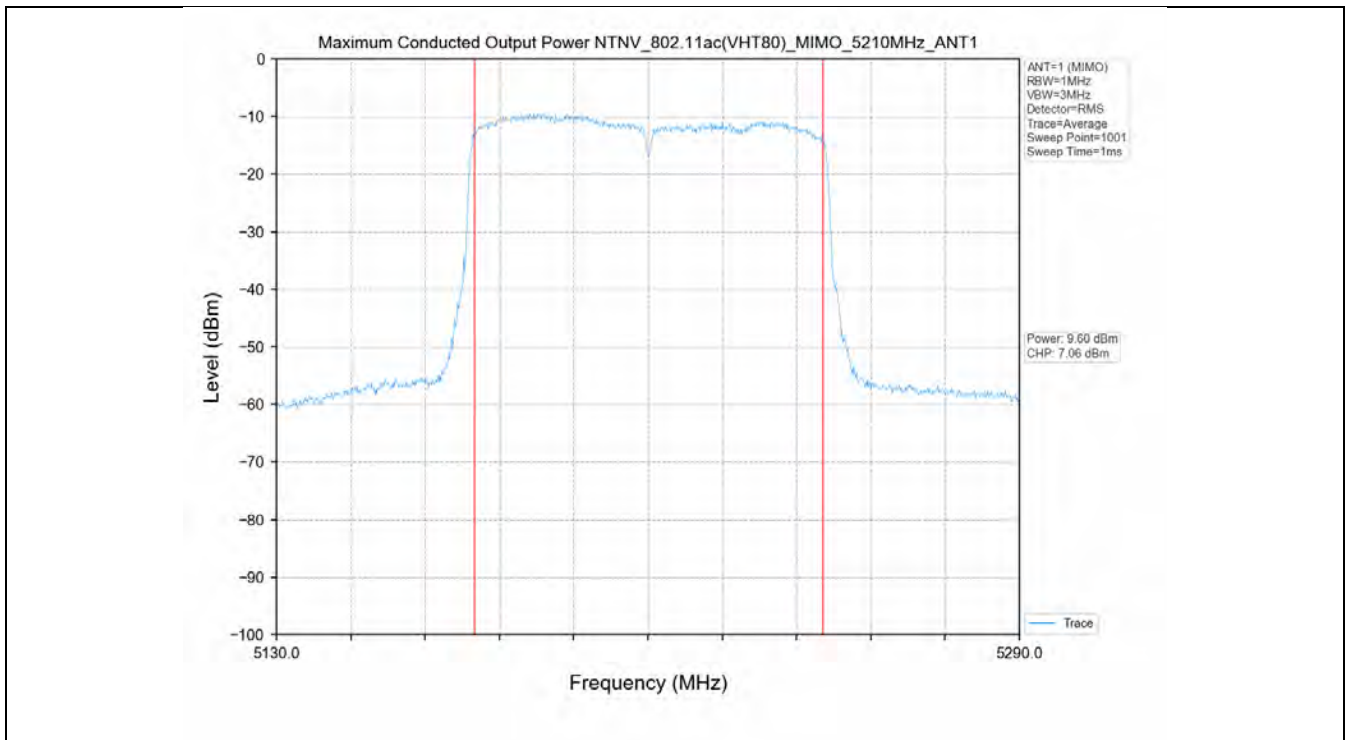
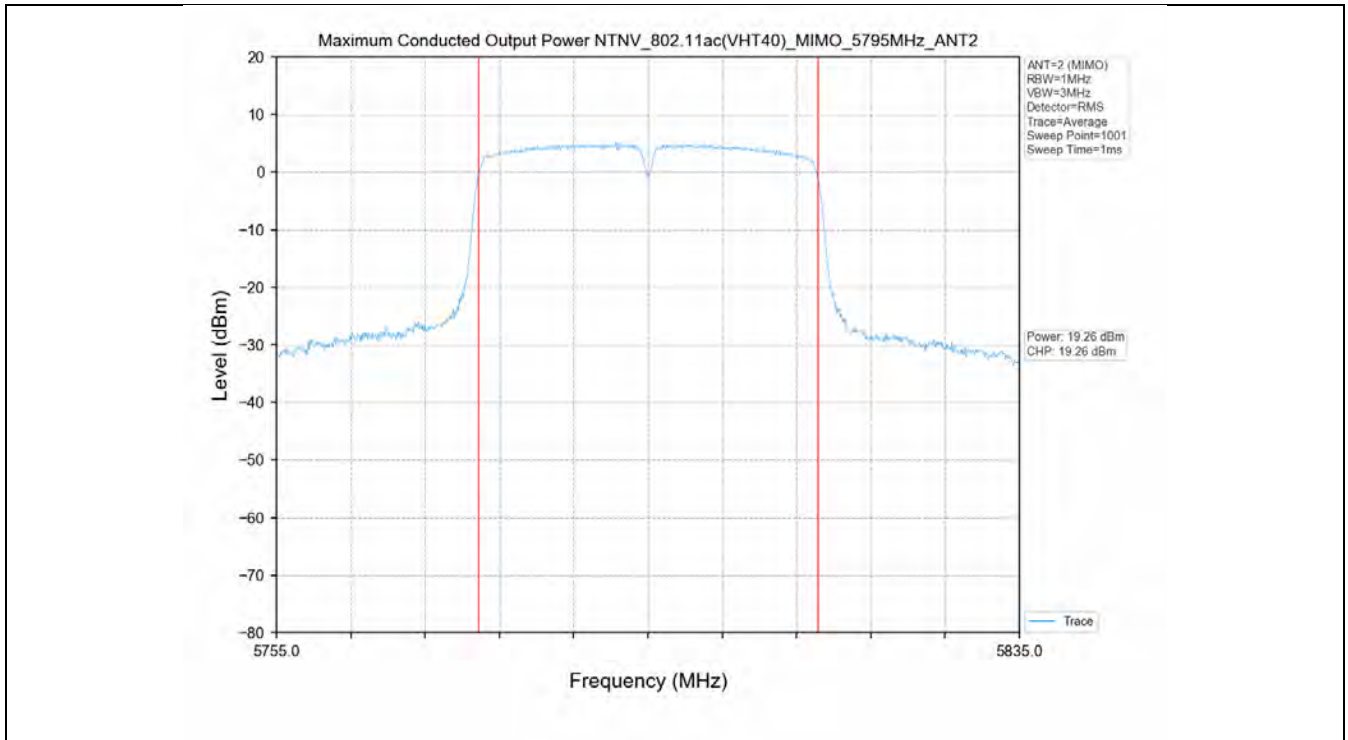


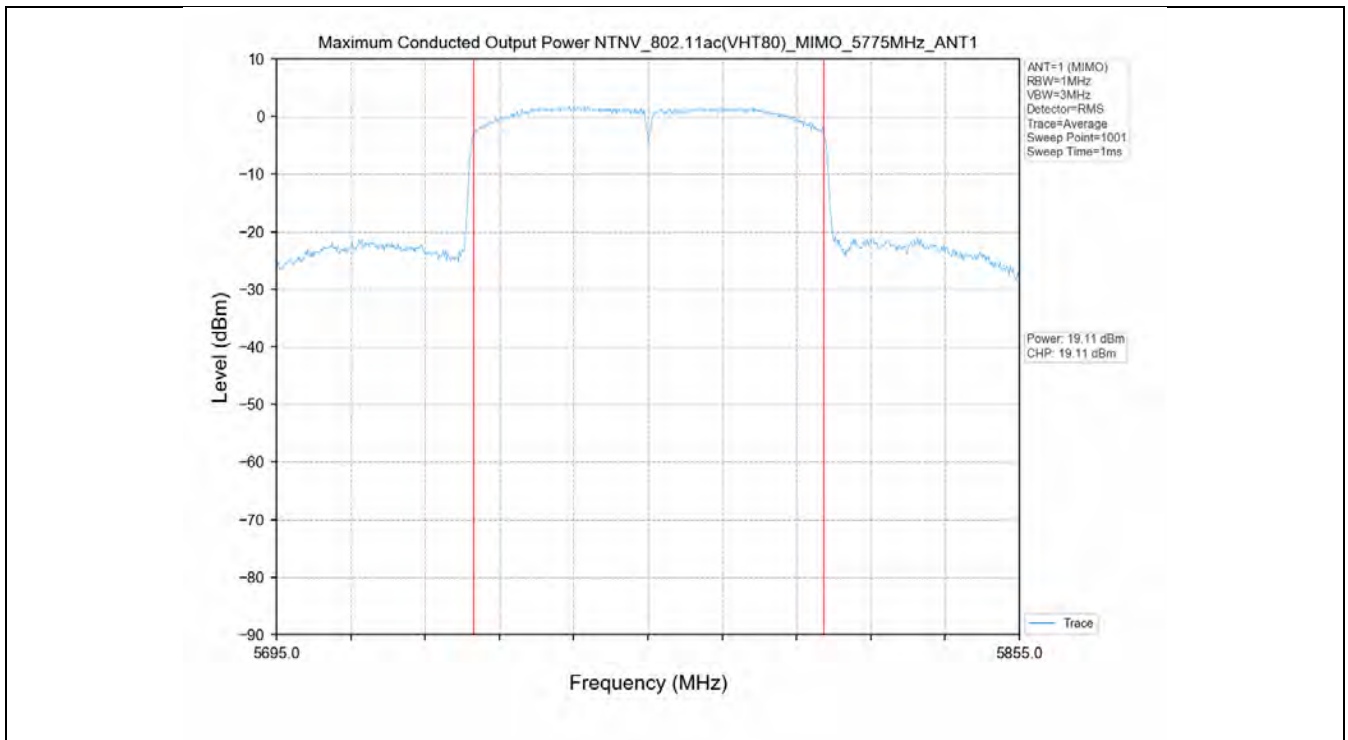
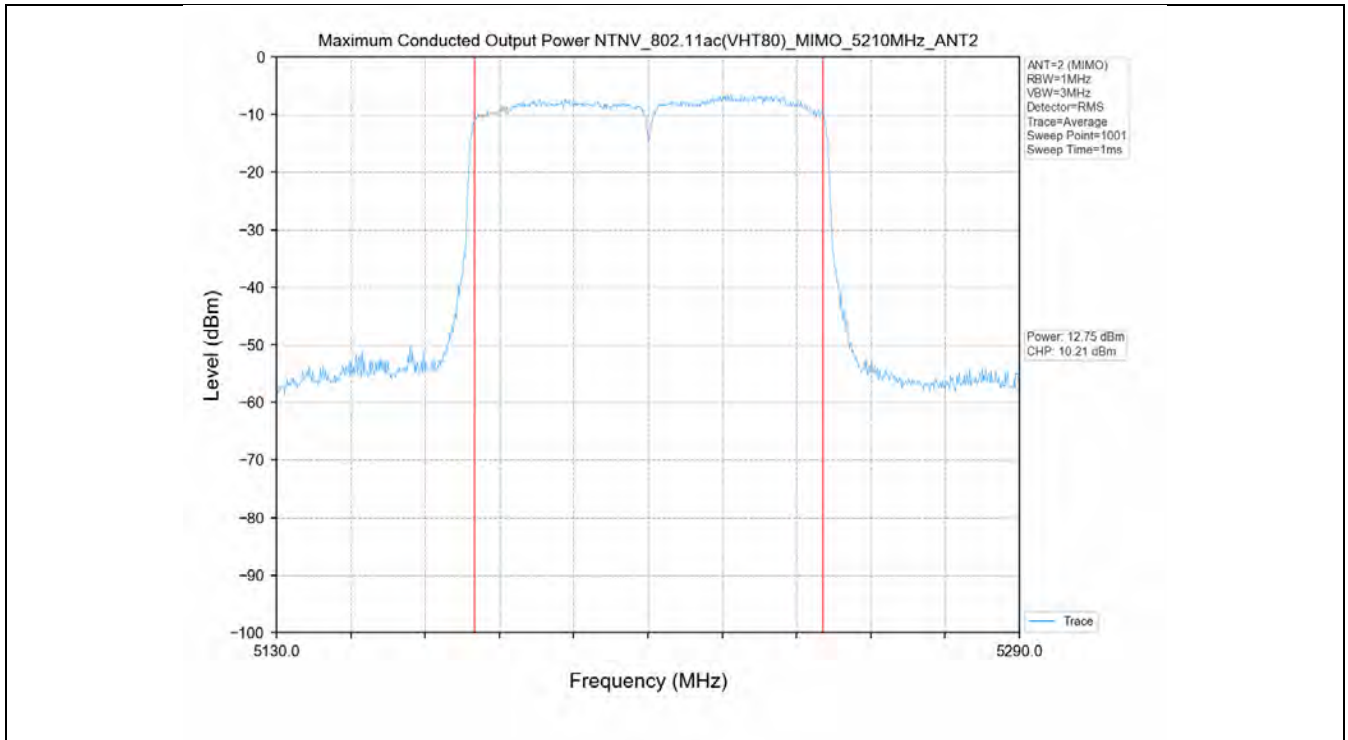


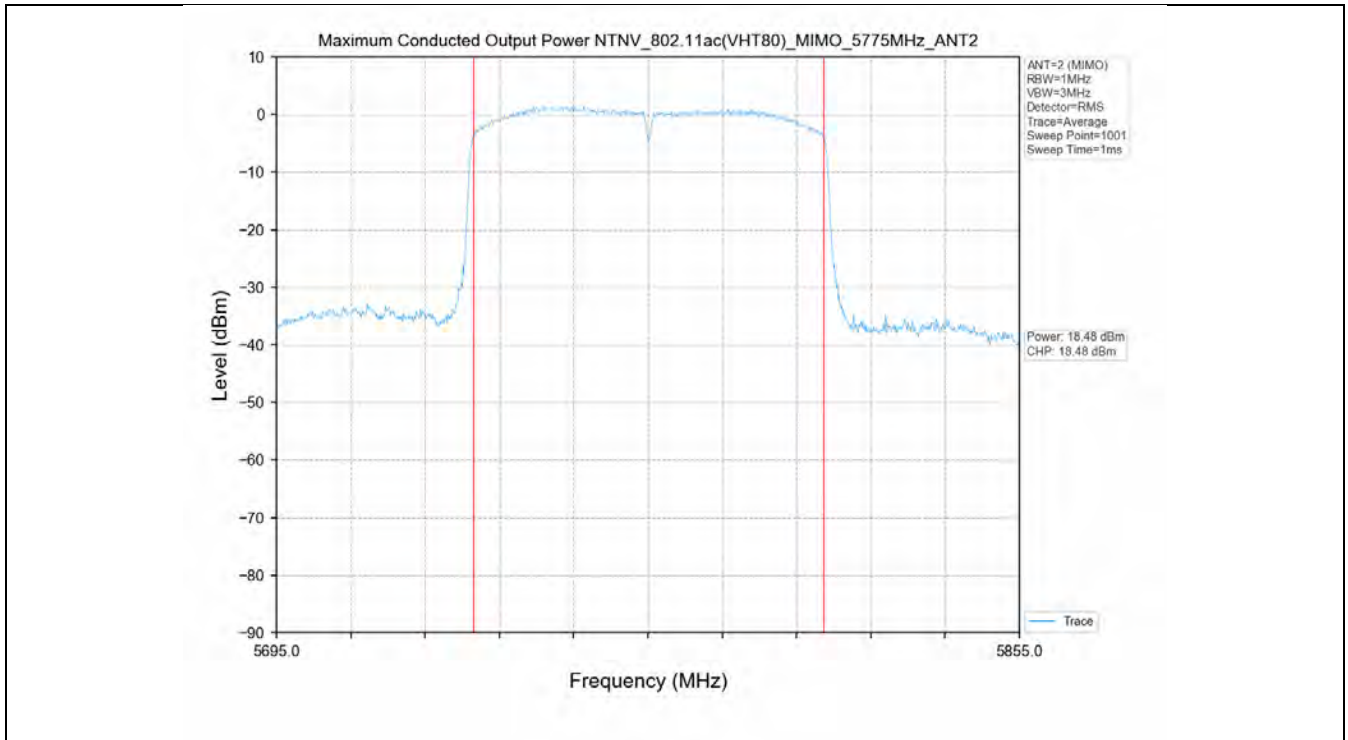














4. Maximum Power Spectral Density (PSD)

4.1 Maximum Power Spectral Density (PSD) 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	2.72	2.92	/	≤11	PASS
	5200	SISO	3.2	3.17	/	≤11	PASS
	5240	SISO	3.57	2.88	/	≤11	PASS
802.11n (HT20)	5180	MIMO	-2.34	0.86	2.56	≤11	PASS
	5200	MIMO	-1.99	1.21	2.91	≤11	PASS
	5240	MIMO	-1.35	0.84	2.89	≤11	PASS
802.11n (HT40)	5190	MIMO	-4.24	-1.8	0.16	≤11	PASS
	5230	MIMO	-3.89	-1.53	0.46	≤11	PASS
802.11ac (VHT20)	5180	MIMO	-0.46	-0.88	2.35	≤11	PASS
	5200	MIMO	-0.78	-0.53	2.36	≤11	PASS
	5240	MIMO	-0.2	-0.37	2.73	≤11	PASS
802.11ac (VHT40)	5190	MIMO	-3.42	-3.47	-0.43	≤11	PASS
	5230	MIMO	-3.9	-1.53	0.46	≤11	PASS
802.11ac (VHT80)	5210	MIMO	-6.65	-3.69	-1.91	≤11	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	6.45	6.17	/	≤30	PASS
	5785	SISO	5.97	5.47	/	≤30	PASS
	5825	SISO	5.31	4.66	/	≤30	PASS
802.11n(HT20)	5745	MIMO	6.40	6.16	9.29	≤30	PASS
	5785	MIMO	6.07	5.55	8.83	≤30	PASS
	5825	MIMO	5.32	4.78	8.07	≤30	PASS
802.11n(HT40)	5755	MIMO	3.53	3.01	6.29	≤30	PASS
	5795	MIMO	2.96	2.32	5.66	≤30	PASS
802.11ac(VHT20)	5745	MIMO	6.59	6.46	9.54	≤30	PASS
	5785	MIMO	5.26	5.26	8.27	≤30	PASS
	5825	MIMO	5.19	4.69	7.96	≤30	PASS
802.11ac(VHT40)	5755	MIMO	2.47	2.74	5.62	≤30	PASS
	5795	MIMO	2.67	2.26	5.48	≤30	PASS
802.11ac(VHT80)	5775	MIMO	-1.58	-2.14	1.16	≤30	PASS



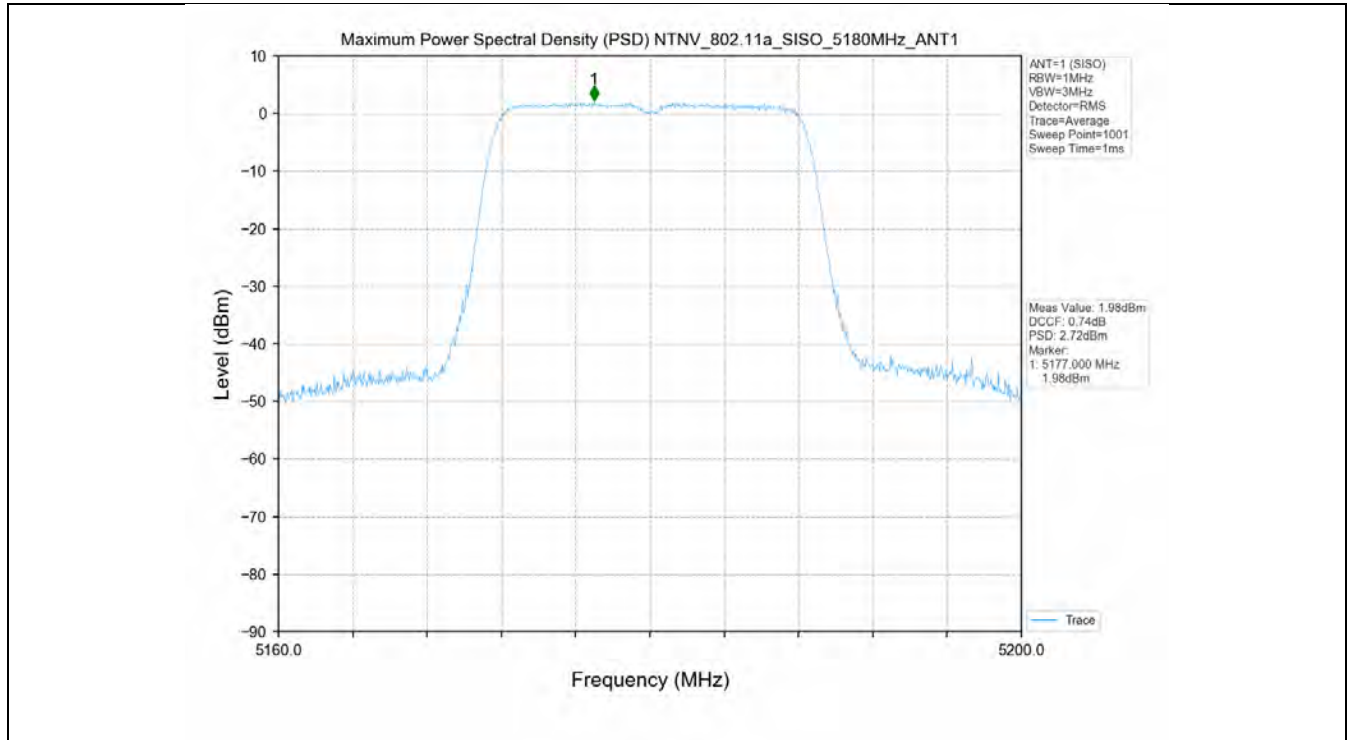
4.2 Maximum Power Spectral Density (PSD) for IC

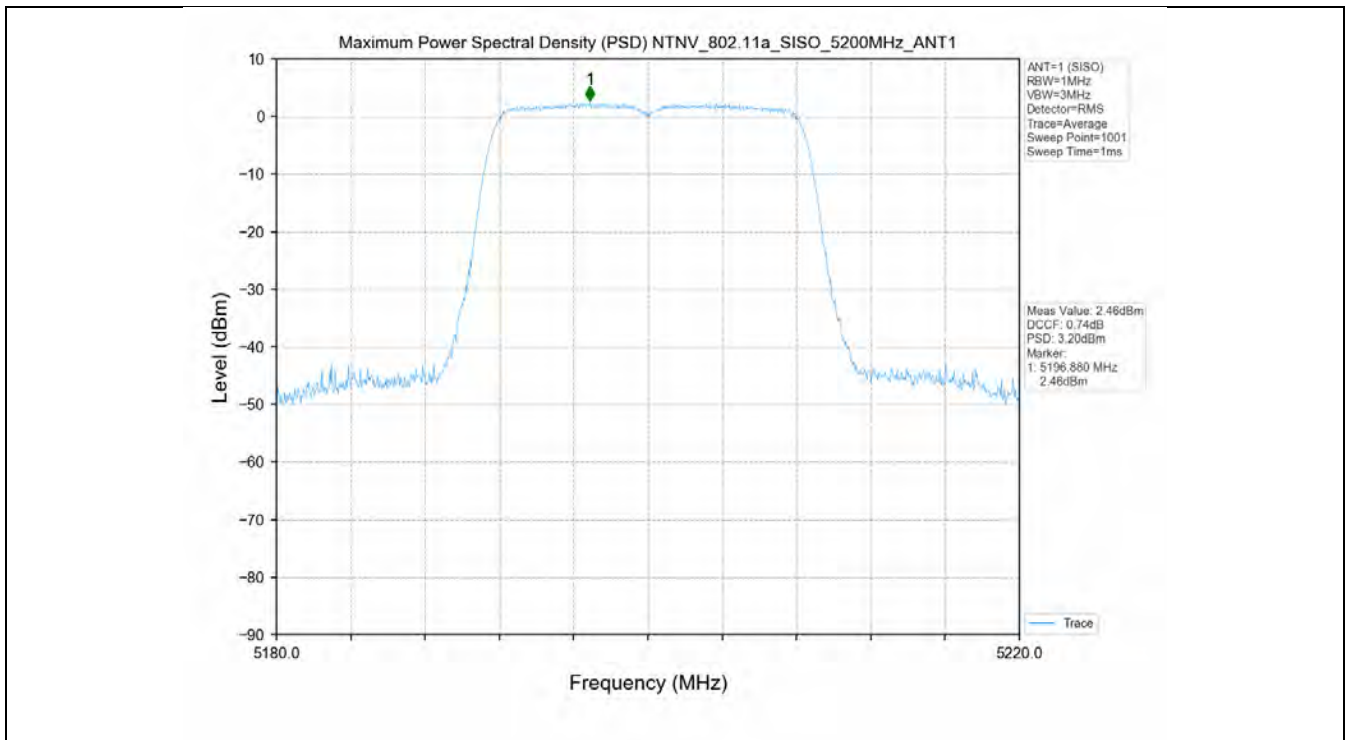
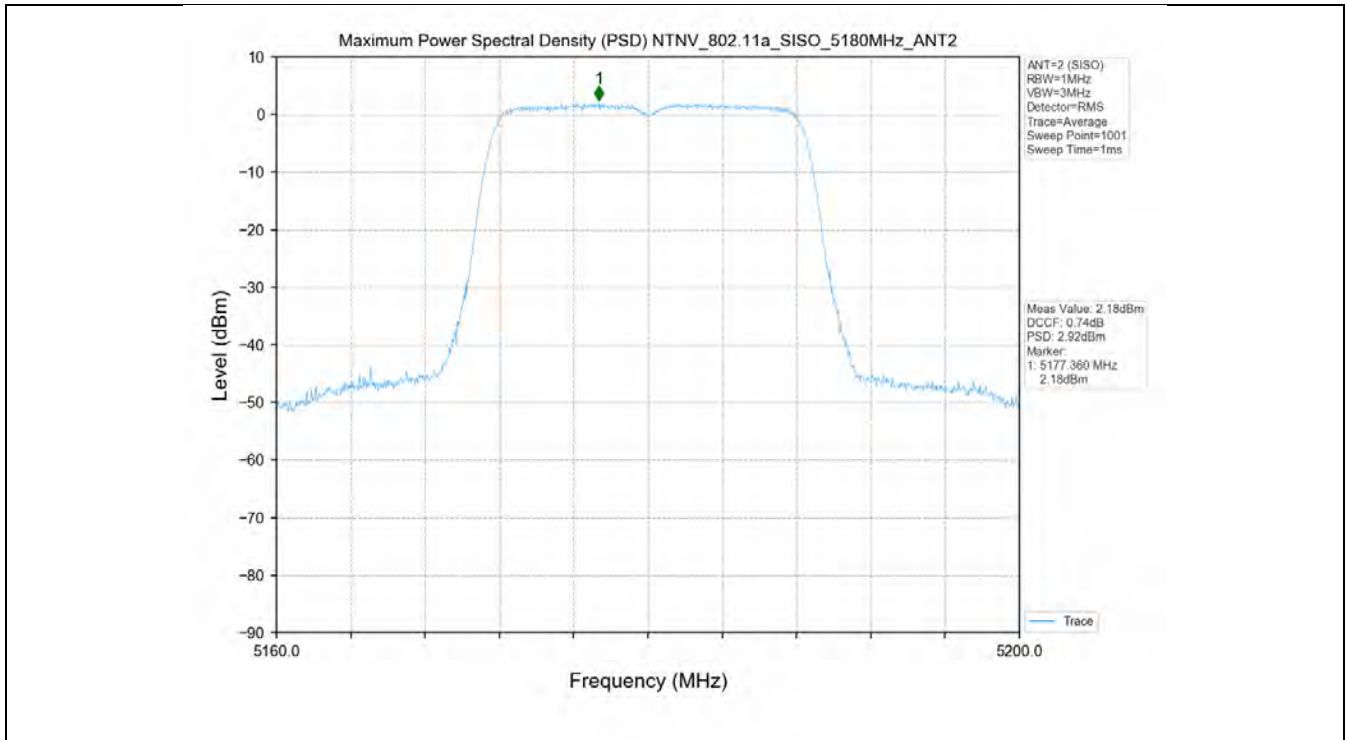
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)			Maximum EIRP Power Spectral Density (dBm/MHz)			Limits (dBm/MHz)	Verdict
			Ant 1	Ant 2	Total	Ant 1	Ant 2	Total		
802.11a	5180	SISO	2.72	2.92	/	6.52	6.72	/	≤10	PASS
	5200	SISO	3.2	3.17	/	7	6.97	/	≤10	PASS
	5240	SISO	3.57	2.88	/	7.37	6.68	/	≤10	PASS
802.11n (HT20)	5180	MIMO	-2.34	0.86	2.56	1.46	4.66	6.36	≤10	PASS
	5200	MIMO	-1.99	1.21	2.91	1.81	5.01	6.71	≤10	PASS
	5240	MIMO	-1.35	0.84	2.89	2.45	4.64	6.69	≤10	PASS
802.11n (HT40)	5190	MIMO	-4.24	-1.8	0.16	-0.44	2.00	3.96	≤10	PASS
	5230	MIMO	-3.89	-1.53	0.46	-0.09	2.27	4.26	≤10	PASS
802.11ac (VHT20)	5180	MIMO	-0.46	-0.88	2.35	3.34	2.92	6.15	≤10	PASS
	5200	MIMO	-0.78	-0.53	2.36	3.02	3.27	6.16	≤10	PASS
	5240	MIMO	-0.2	-0.37	2.73	3.60	3.43	6.53	≤10	PASS
802.11ac (VHT40)	5190	MIMO	-3.42	-3.47	-0.43	0.38	0.33	3.37	≤10	PASS
	5230	MIMO	-3.9	-1.53	0.46	-0.10	2.27	4.26	≤10	PASS
802.11ac (VHT80)	5210	MIMO	-6.65	-3.69	-1.91	-2.85	0.11	1.89	≤10	PASS

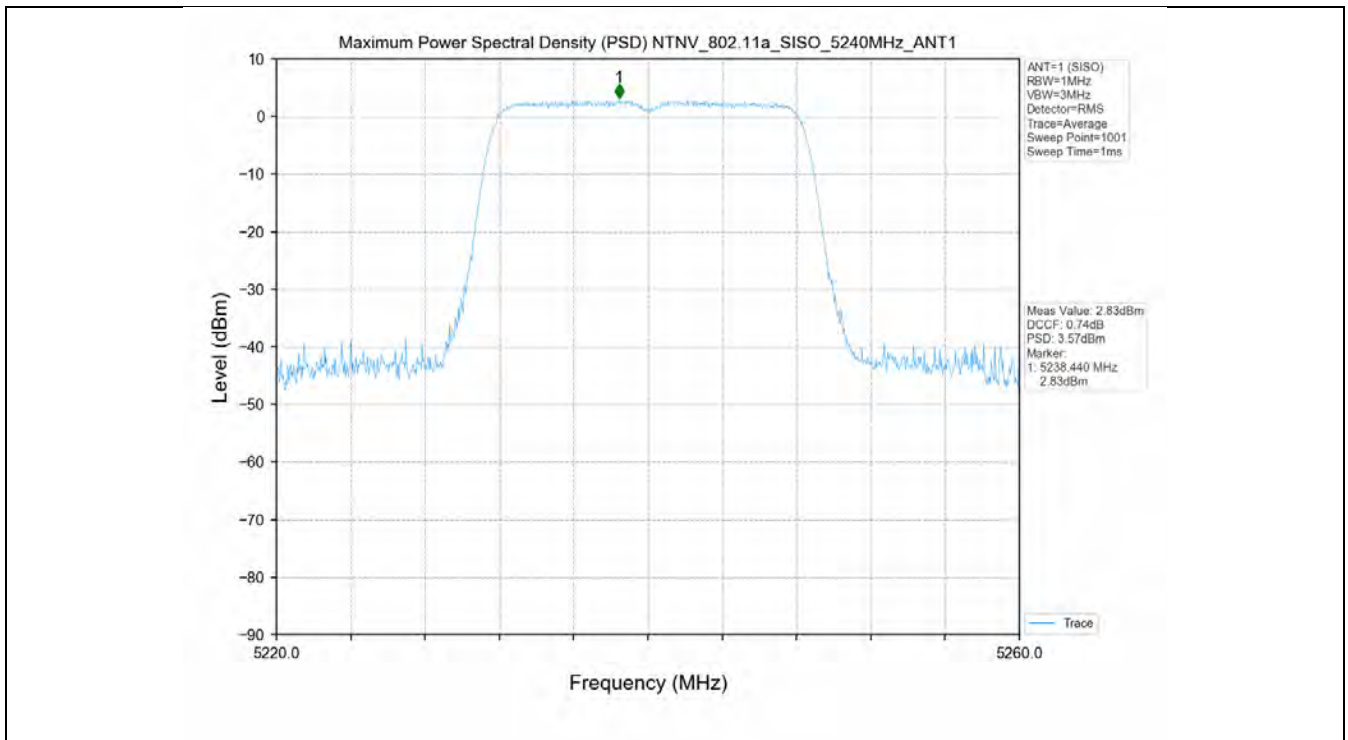
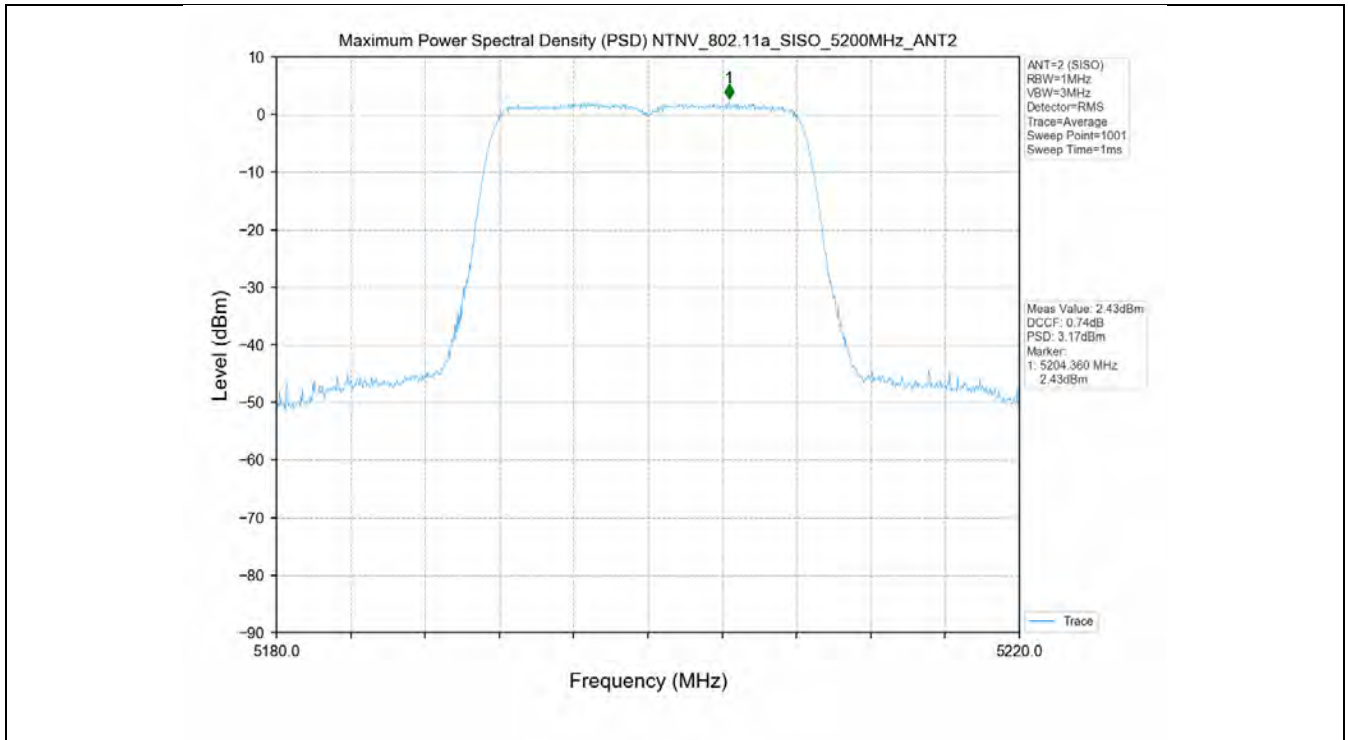
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)			Limits (dBm/500kHz)	Verdict
			Ant 1	Ant 2	Total		
802.11a	5745	SISO	6.45	6.17	/	≤29.19	PASS
	5785	SISO	5.97	5.47	/	≤29.19	PASS
	5825	SISO	5.31	4.66	/	≤29.19	PASS
802.11n(HT20)	5745	MIMO	6.40	6.16	9.29	≤29.19	PASS
	5785	MIMO	6.07	5.55	8.83	≤29.19	PASS
	5825	MIMO	5.32	4.78	8.07	≤29.19	PASS
802.11n(HT40)	5755	MIMO	3.53	3.01	6.29	≤29.19	PASS
	5795	MIMO	2.96	2.32	5.66	≤29.19	PASS
802.11ac(VHT20)	5745	MIMO	6.59	6.46	9.54	≤29.19	PASS
	5785	MIMO	5.26	5.26	8.27	≤29.19	PASS
	5825	MIMO	5.19	4.69	7.96	≤29.19	PASS
802.11ac(VHT40)	5755	MIMO	2.47	2.74	5.62	≤29.19	PASS
	5795	MIMO	2.67	2.26	5.48	≤29.19	PASS
802.11ac(VHT80)	5775	MIMO	-1.58	-2.14	1.16	≤29.19	PASS

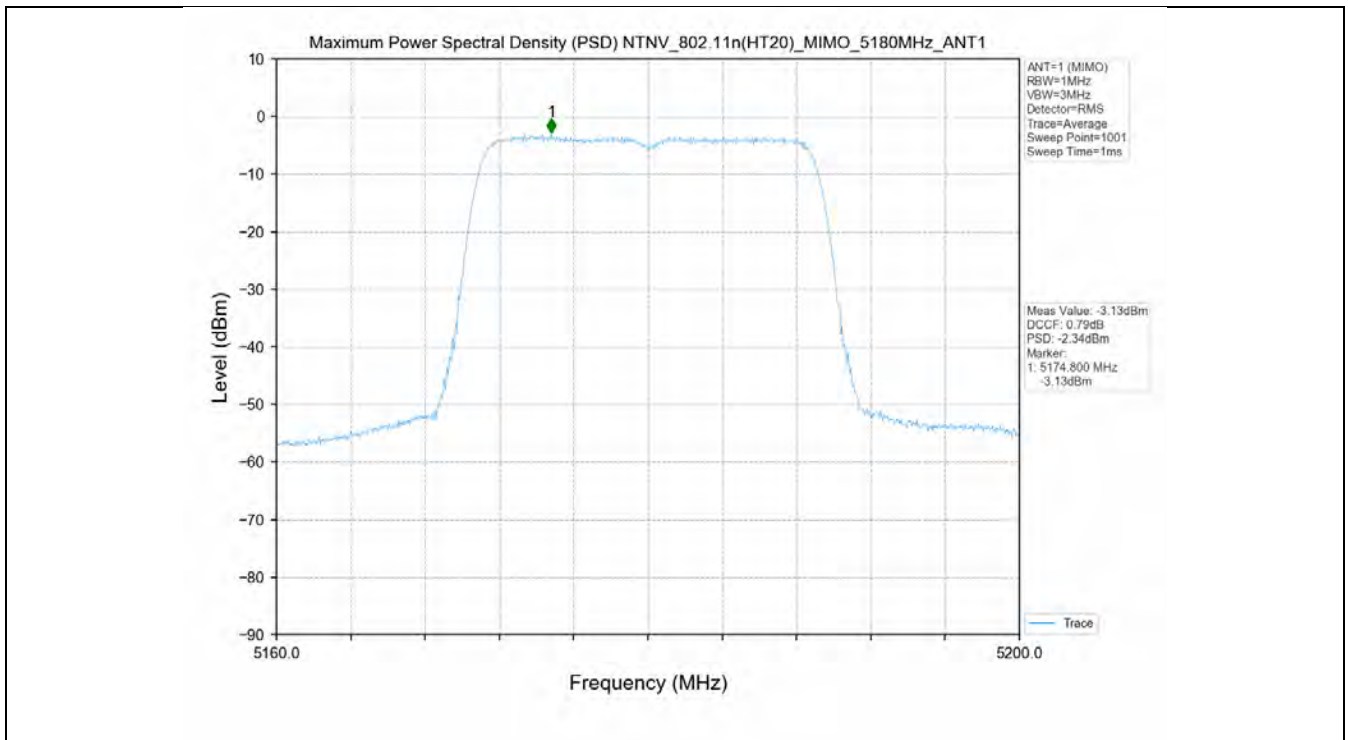
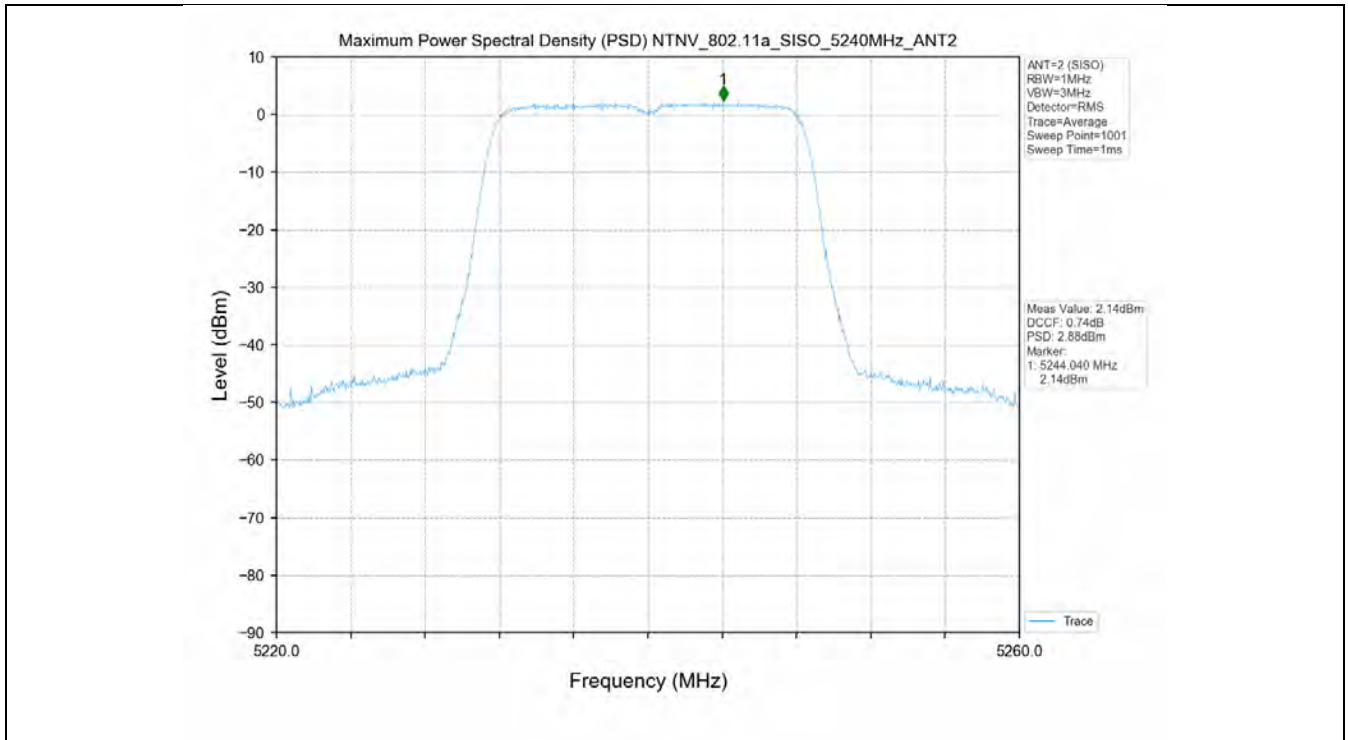


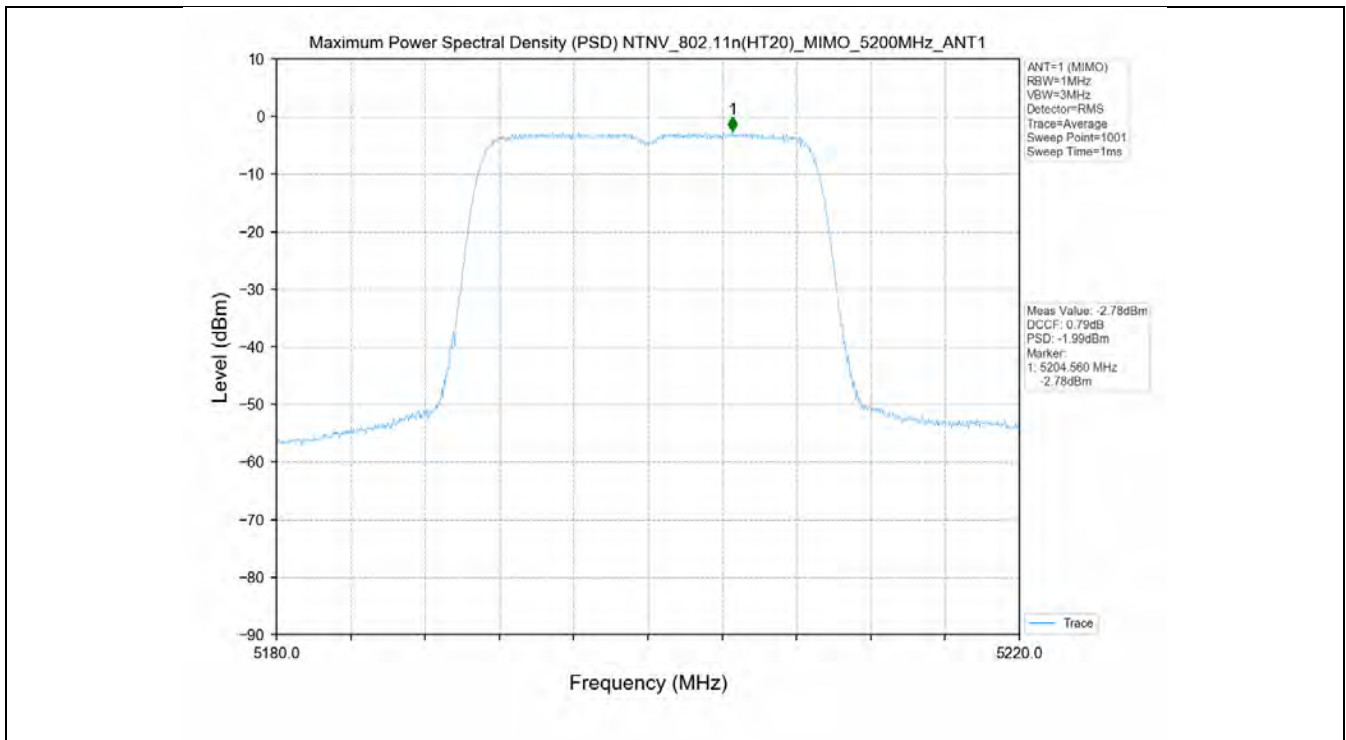
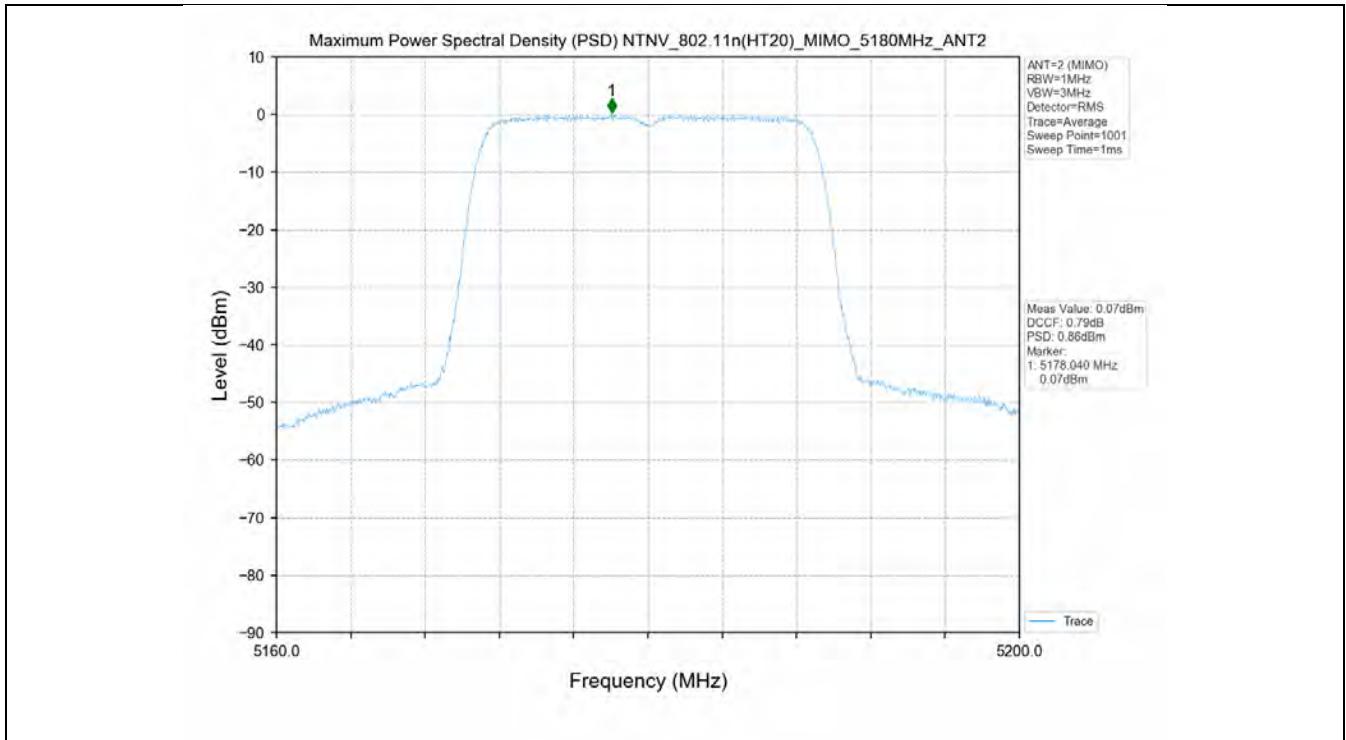
4.3 Test Graph

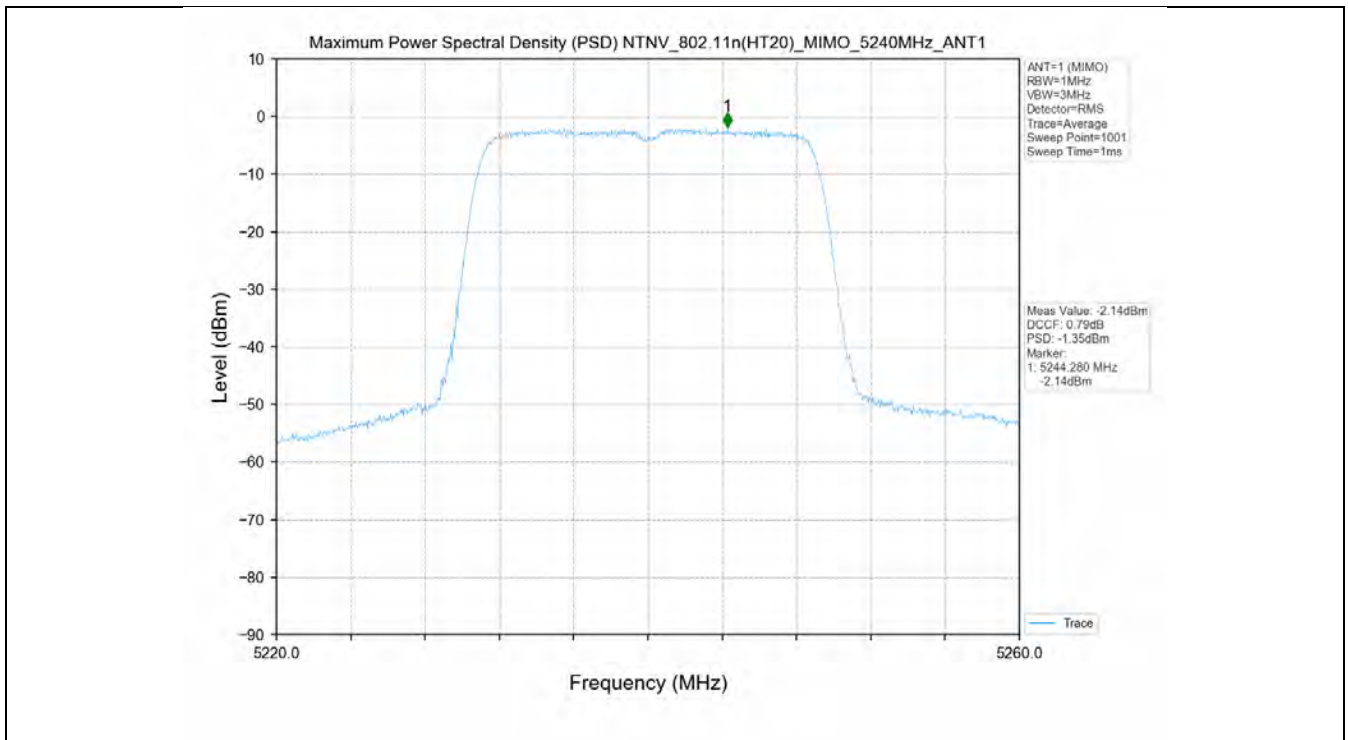
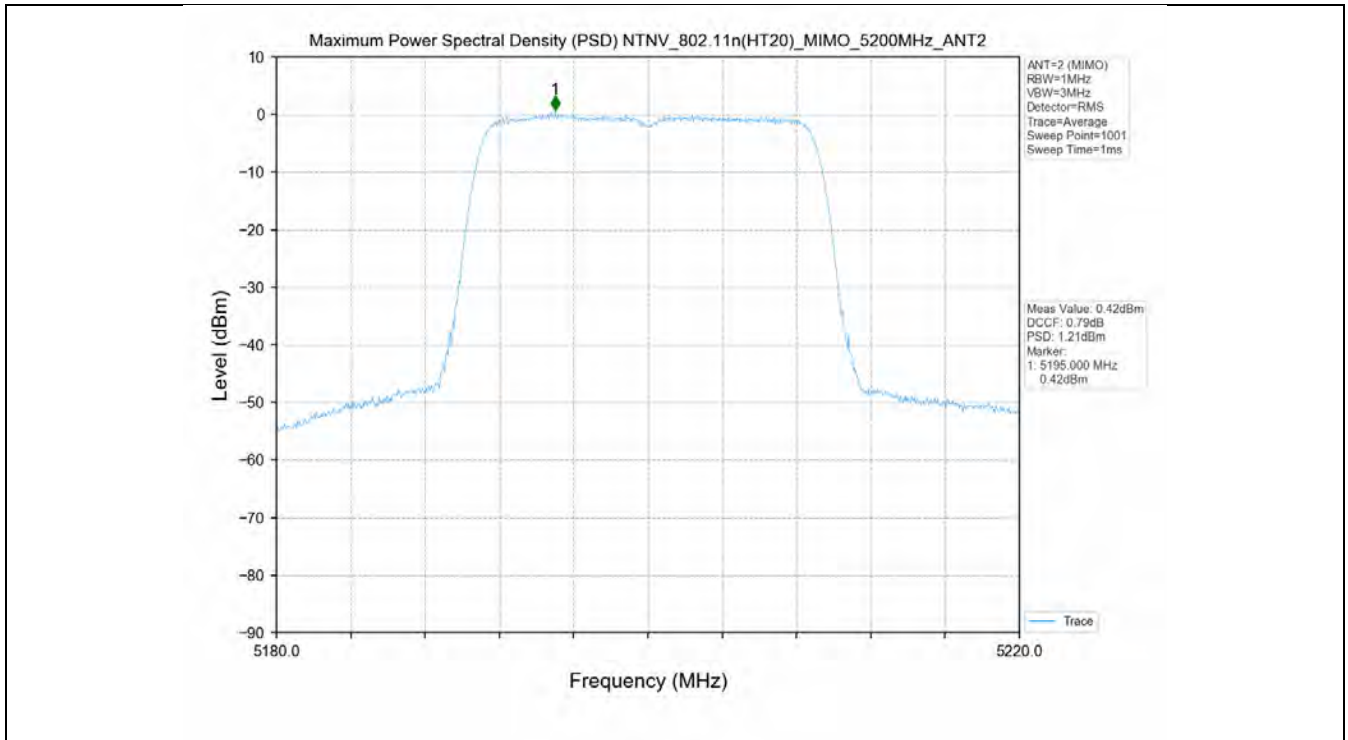


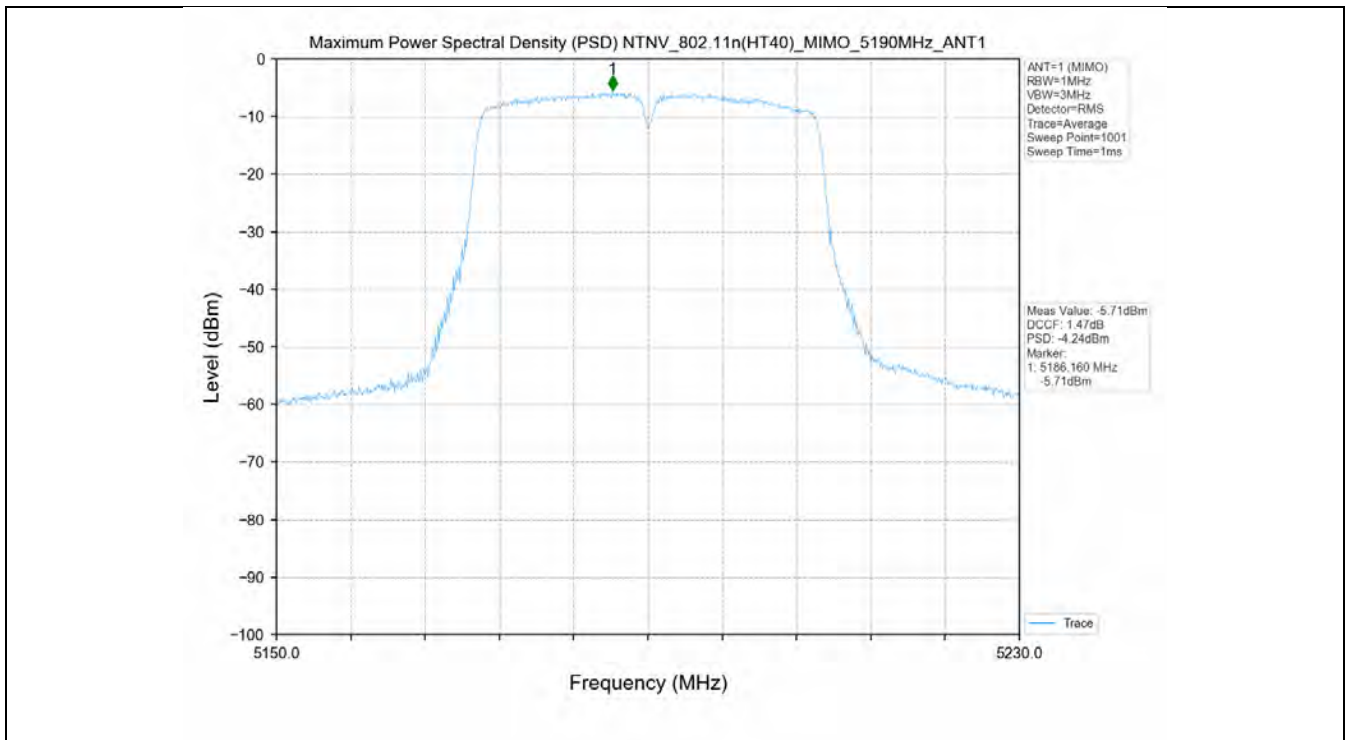
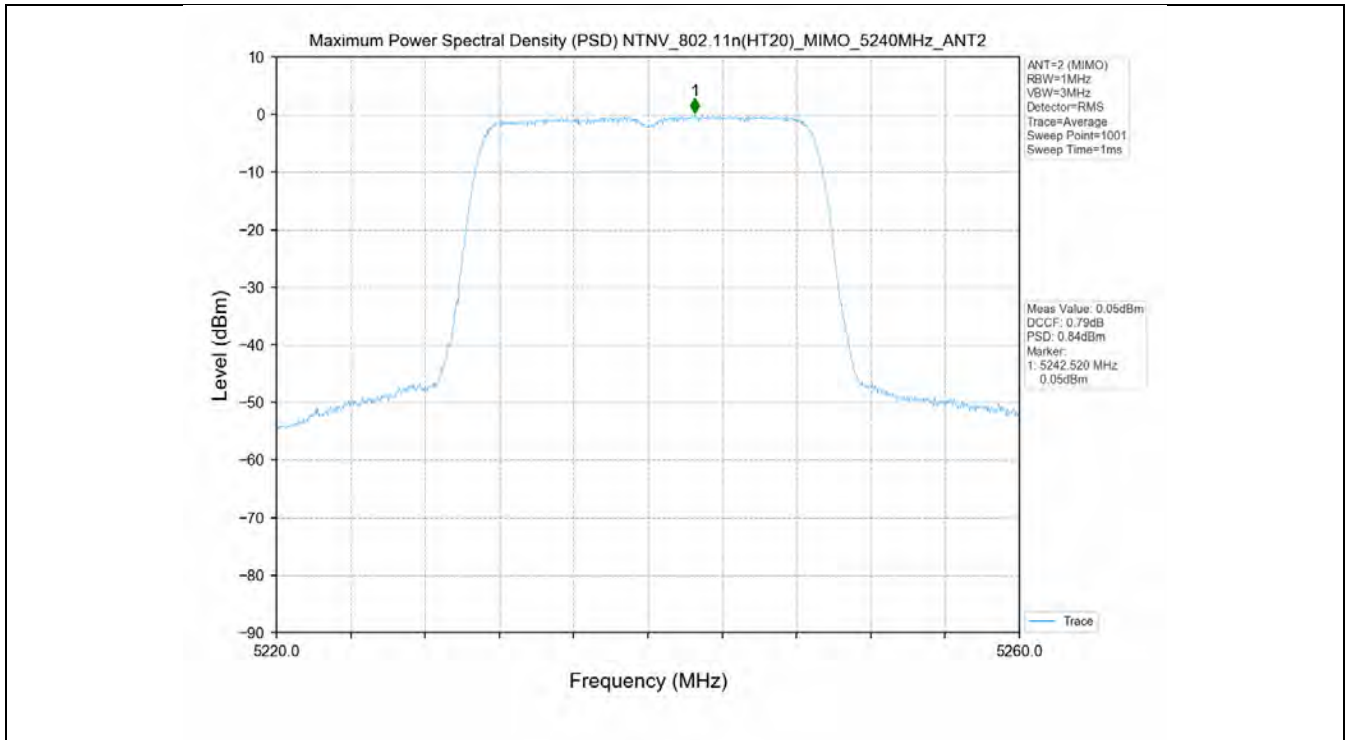


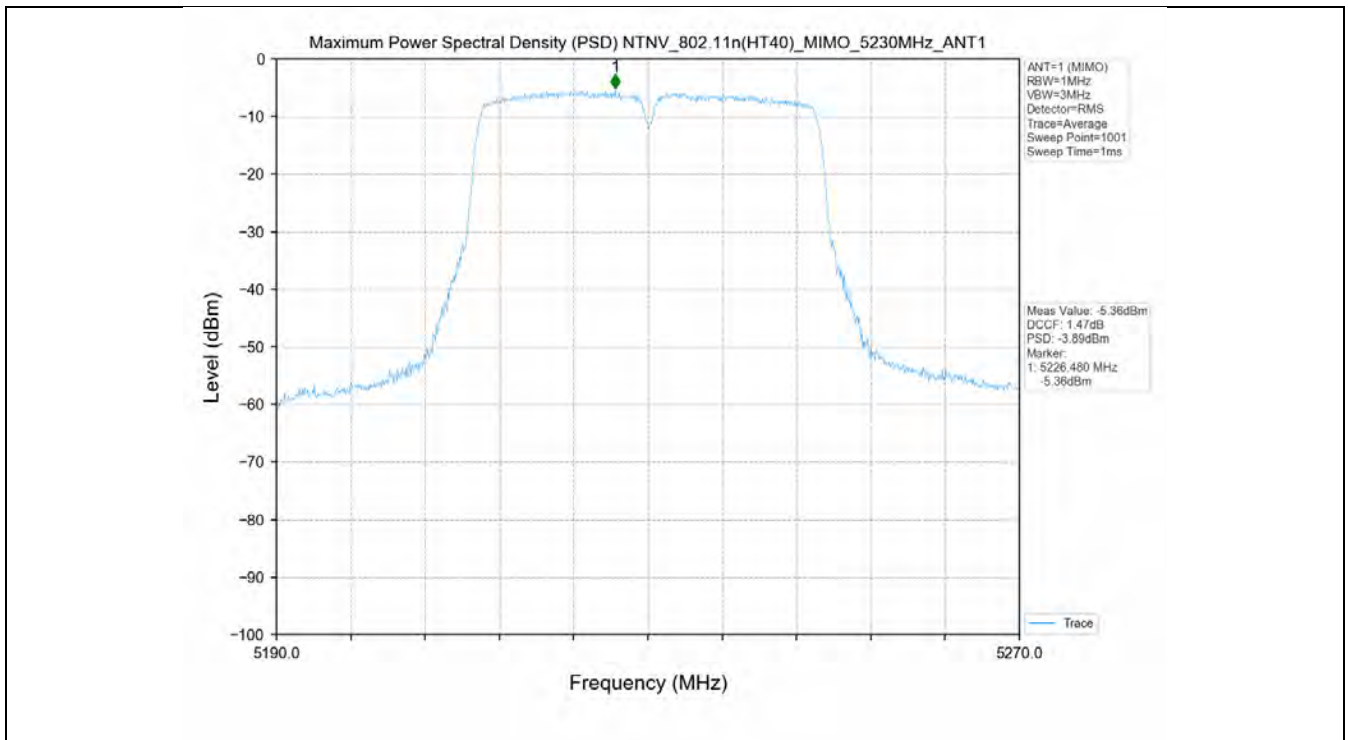
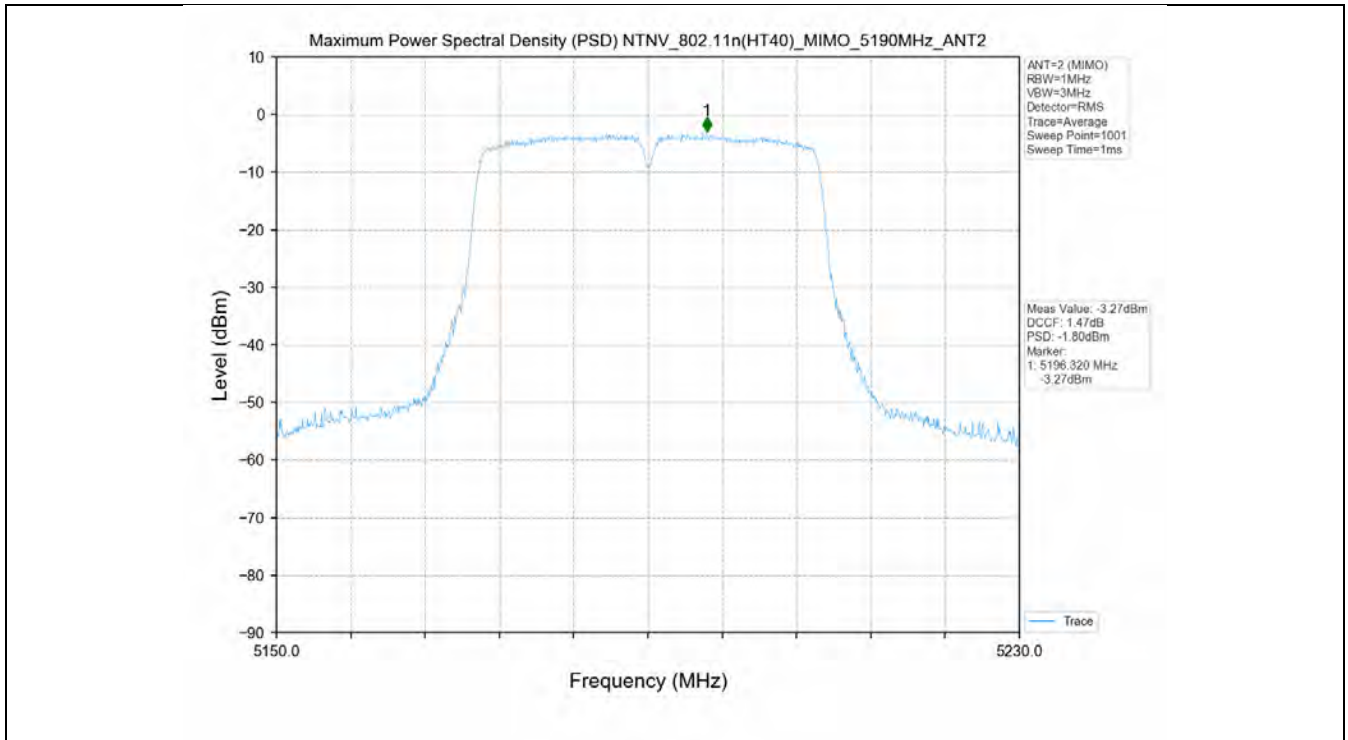


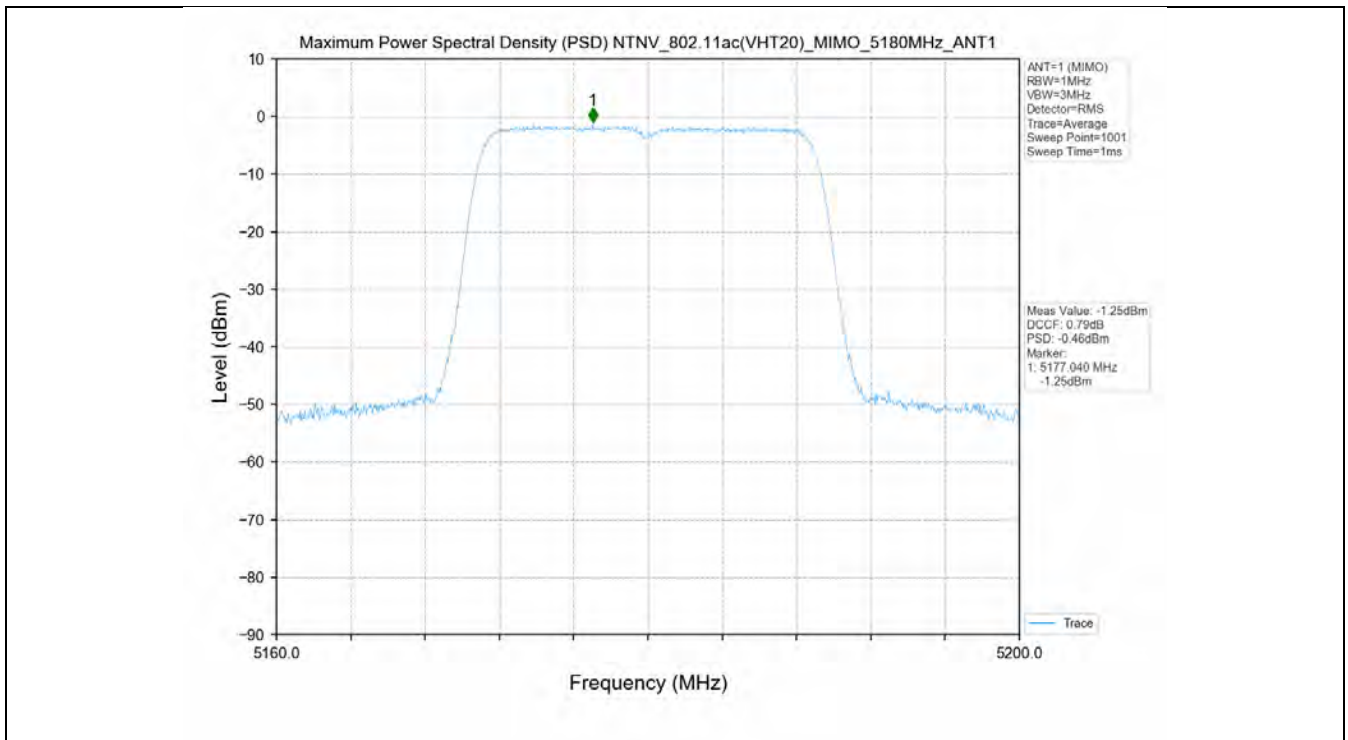
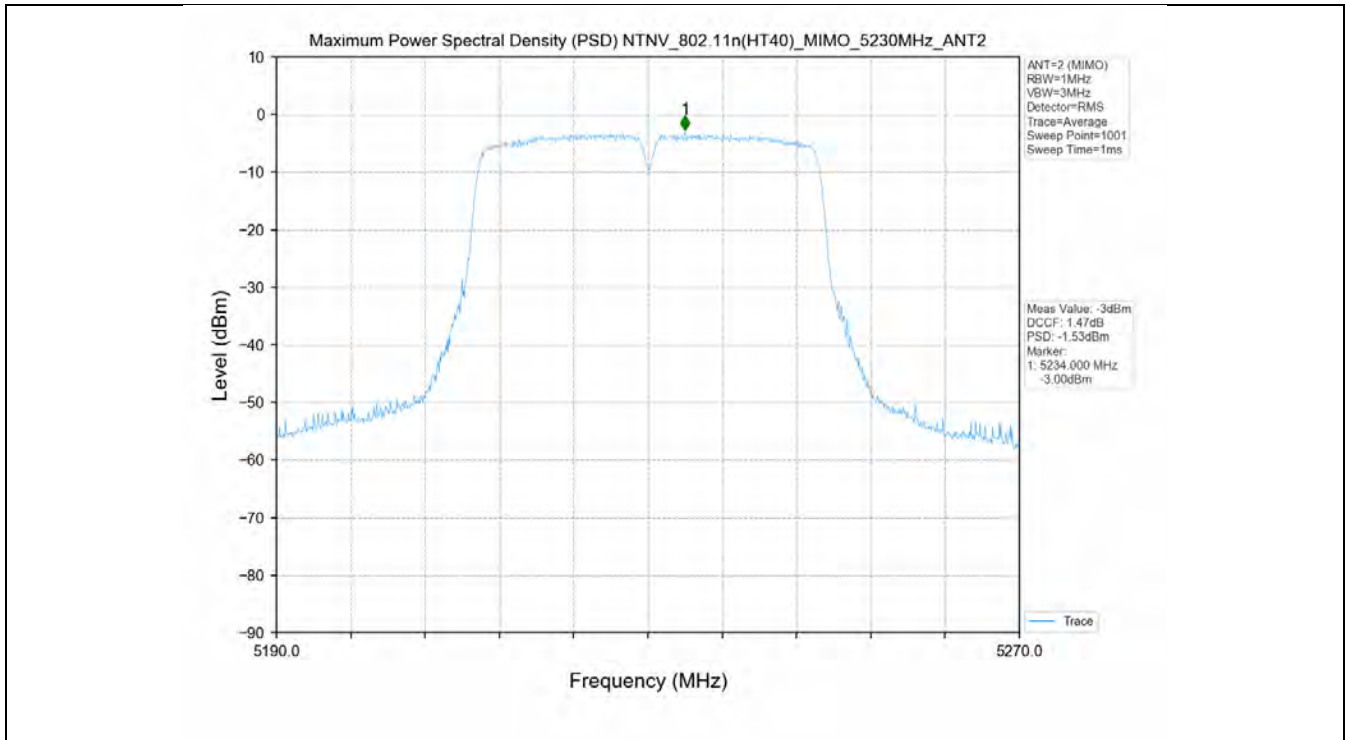


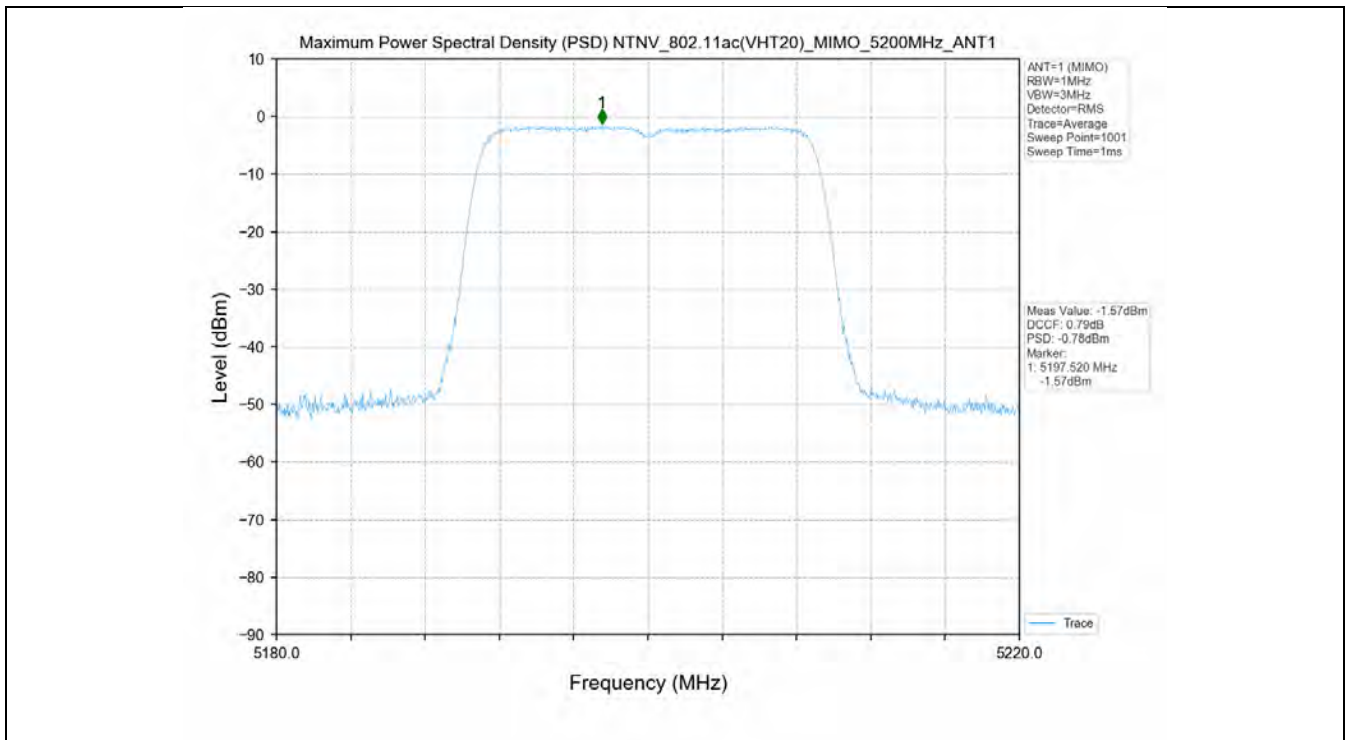
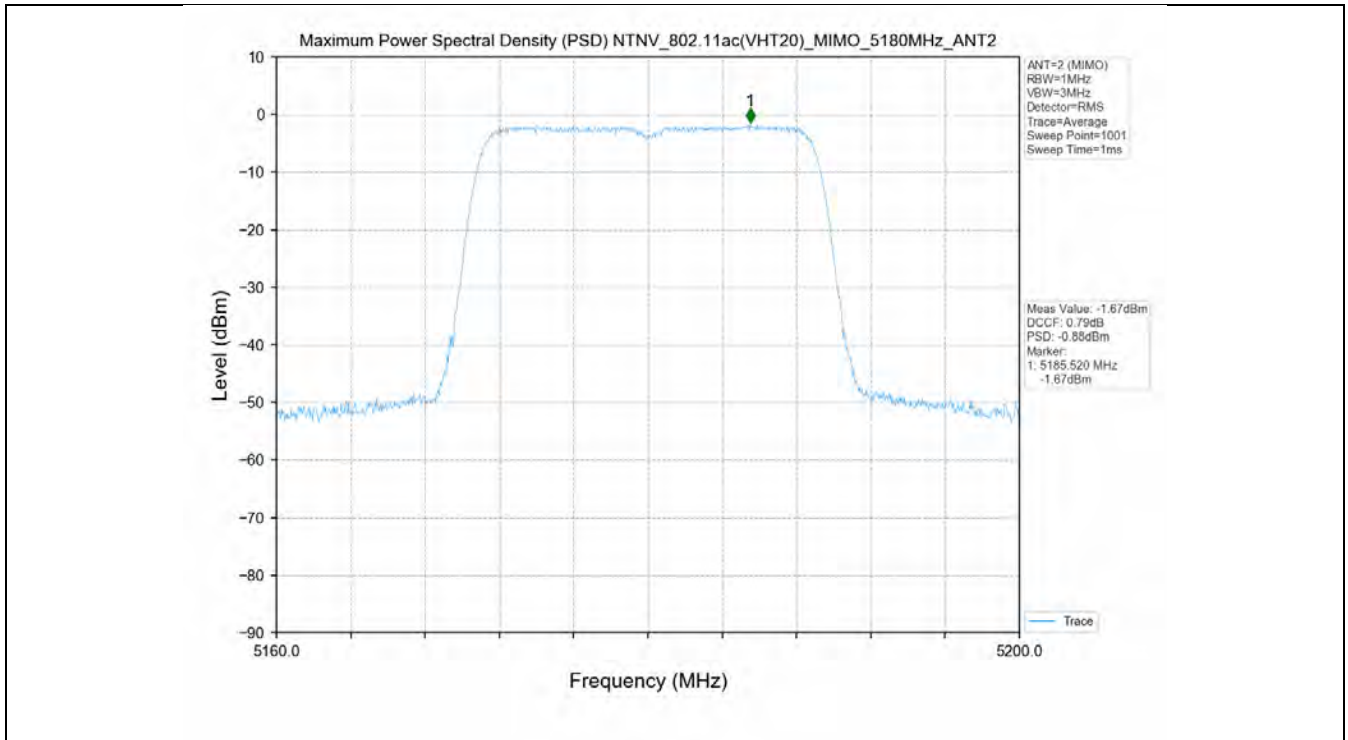


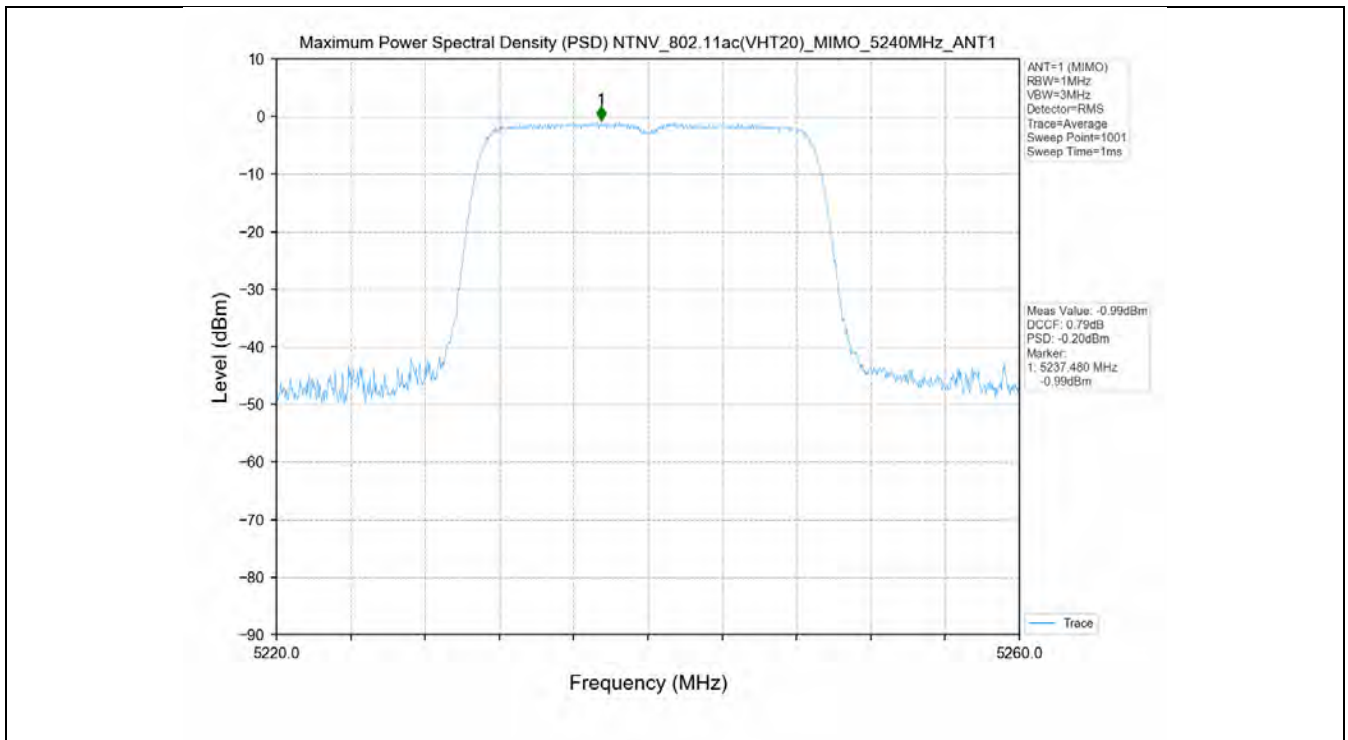
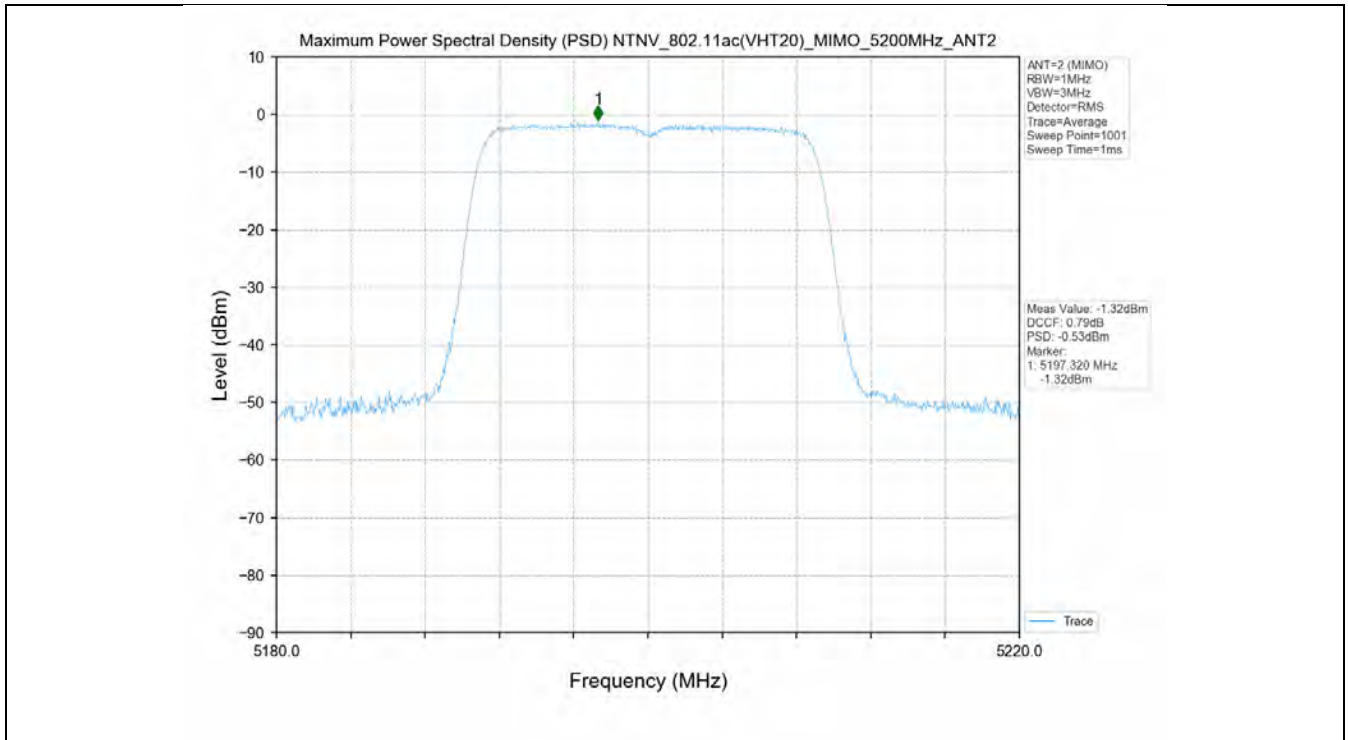


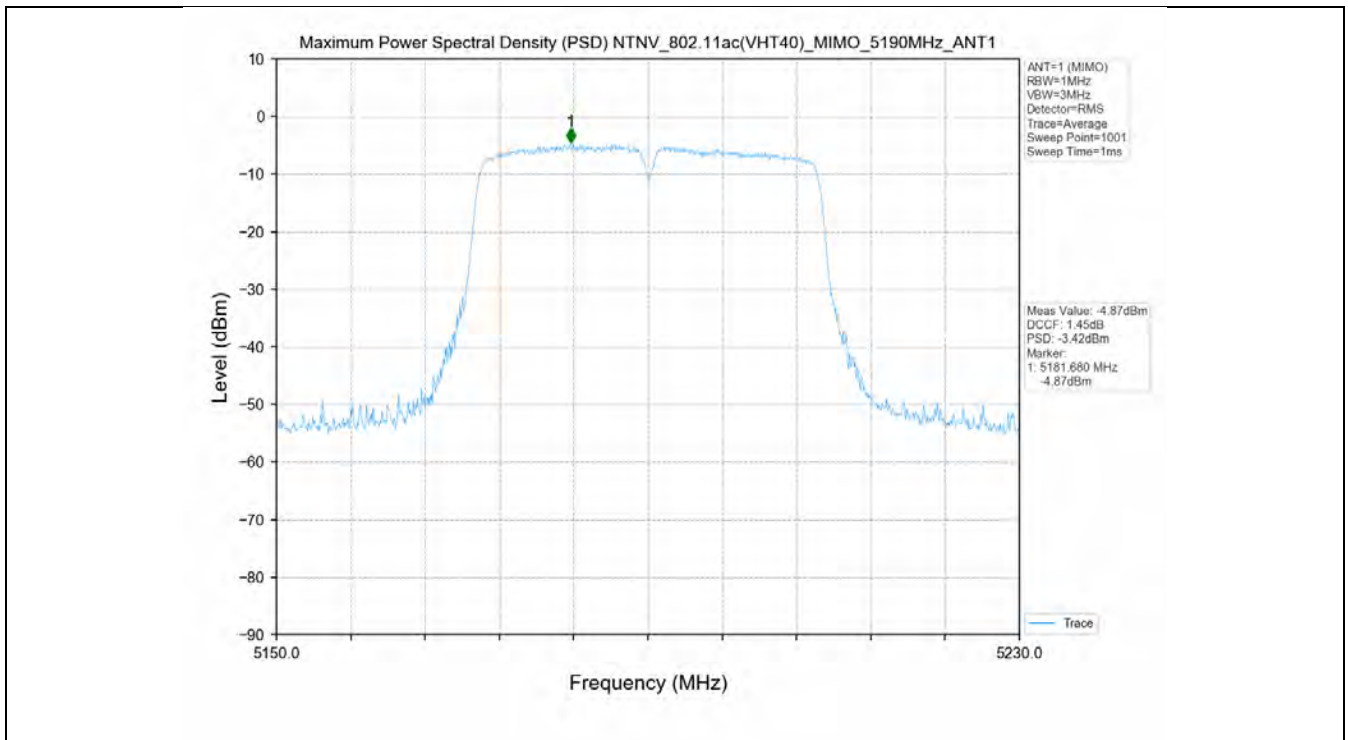
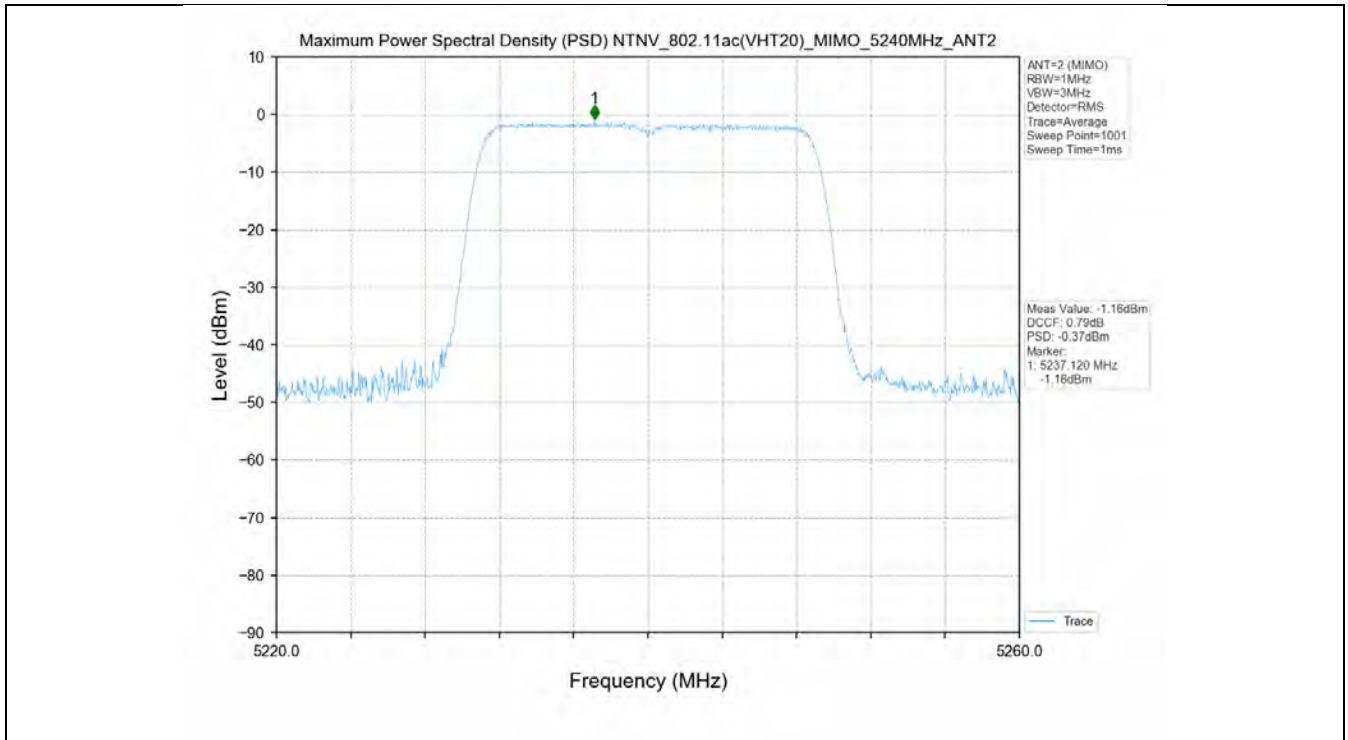


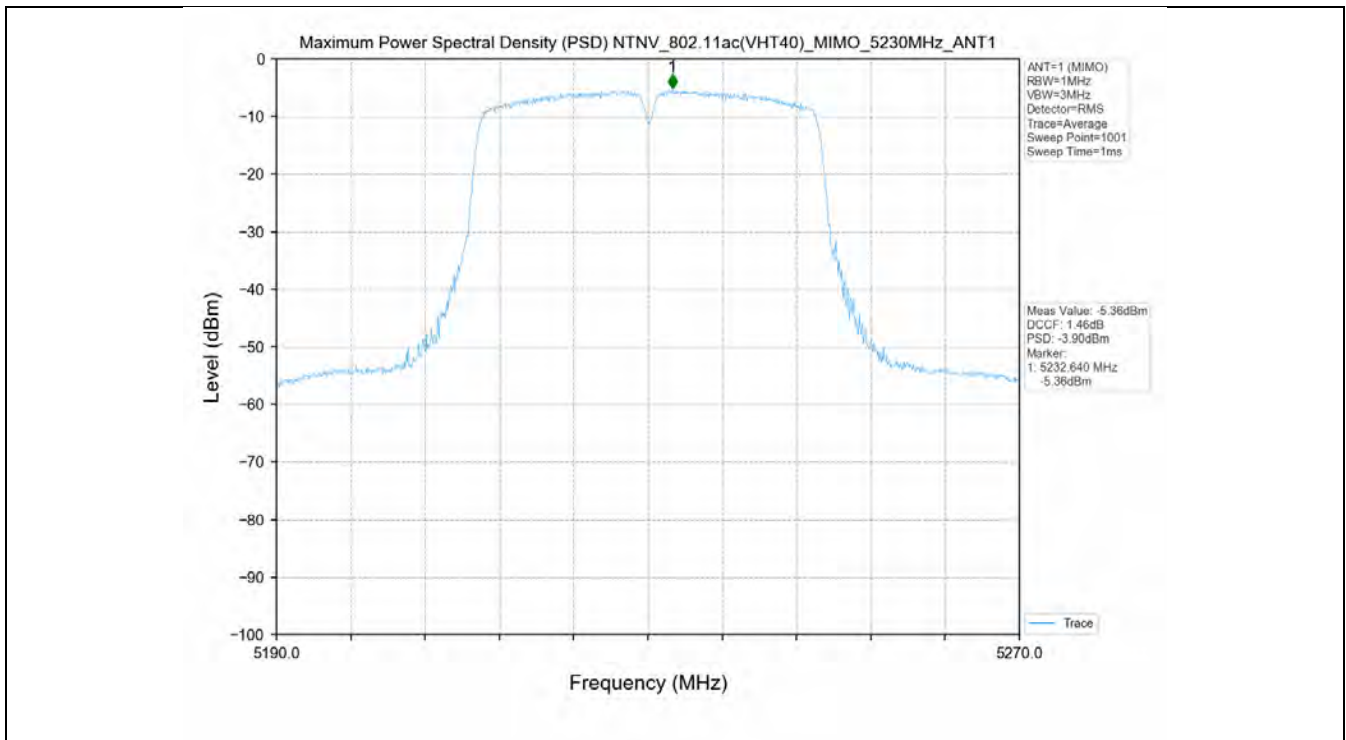
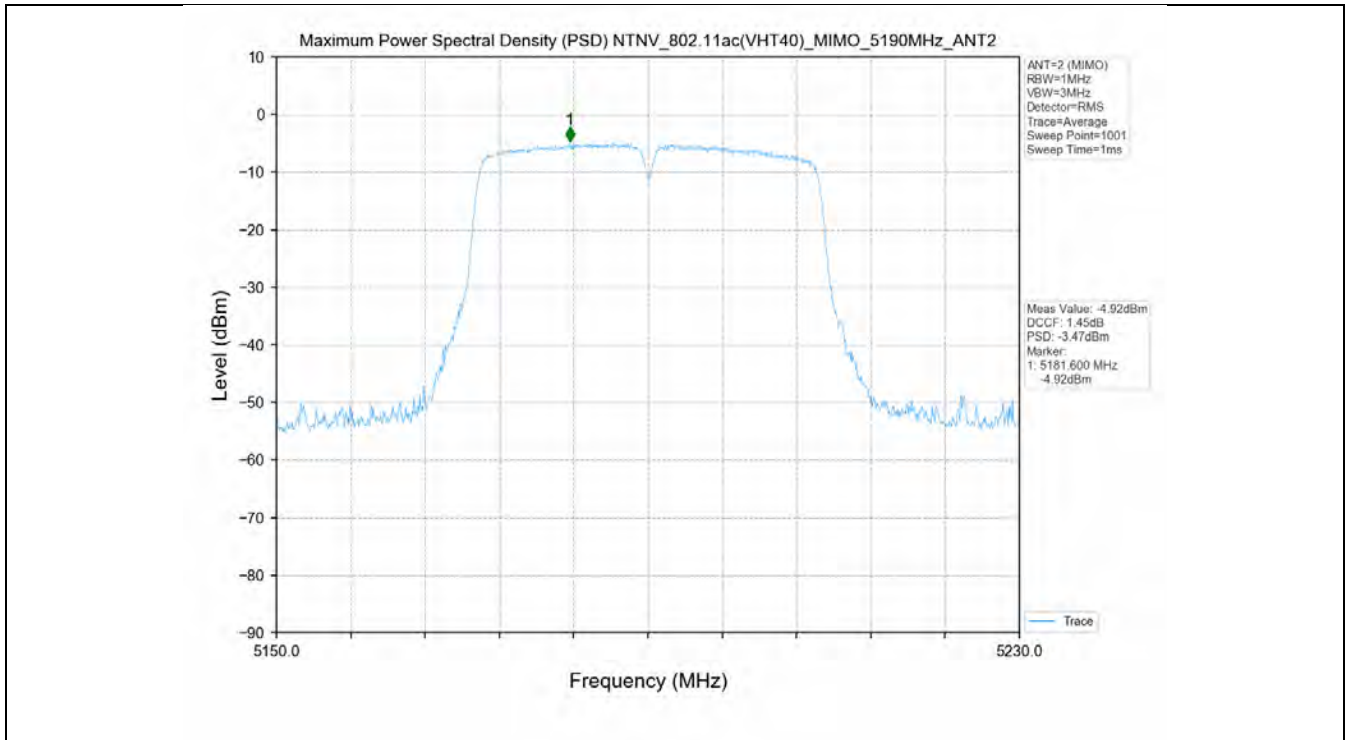


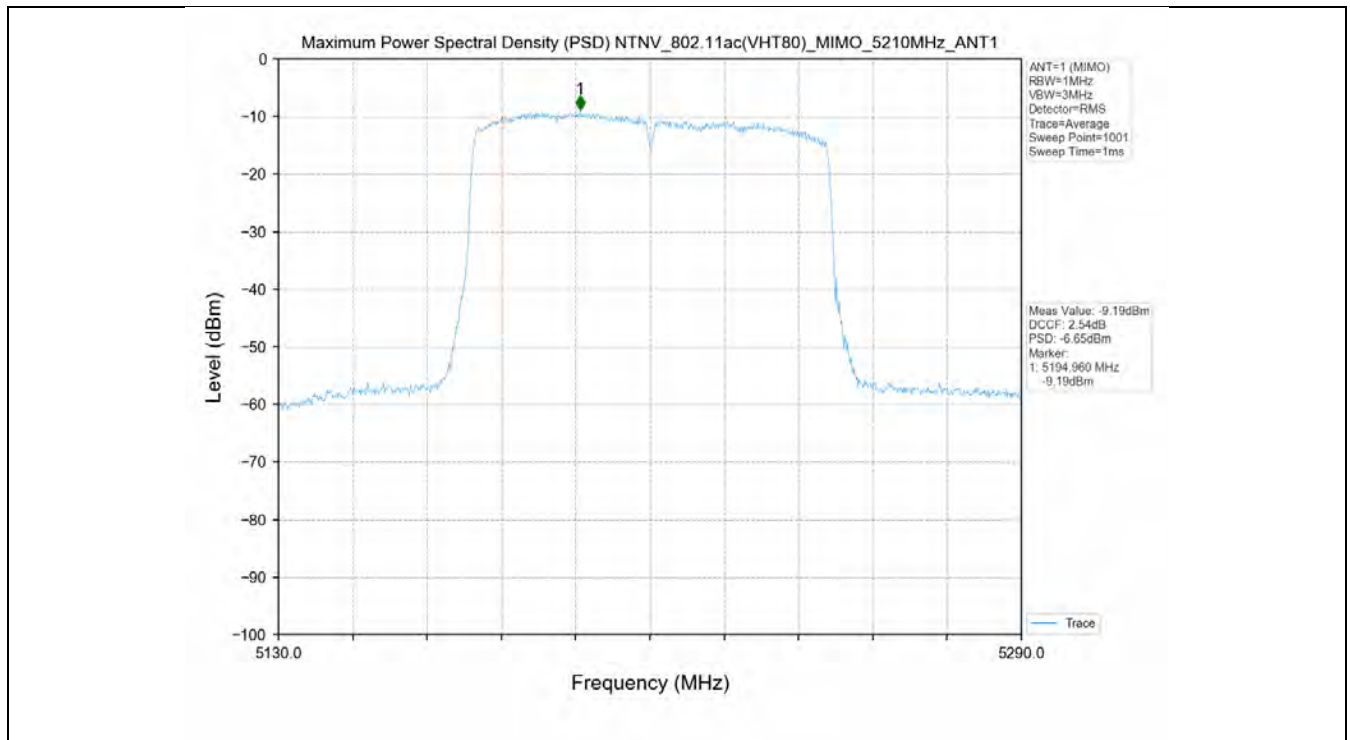
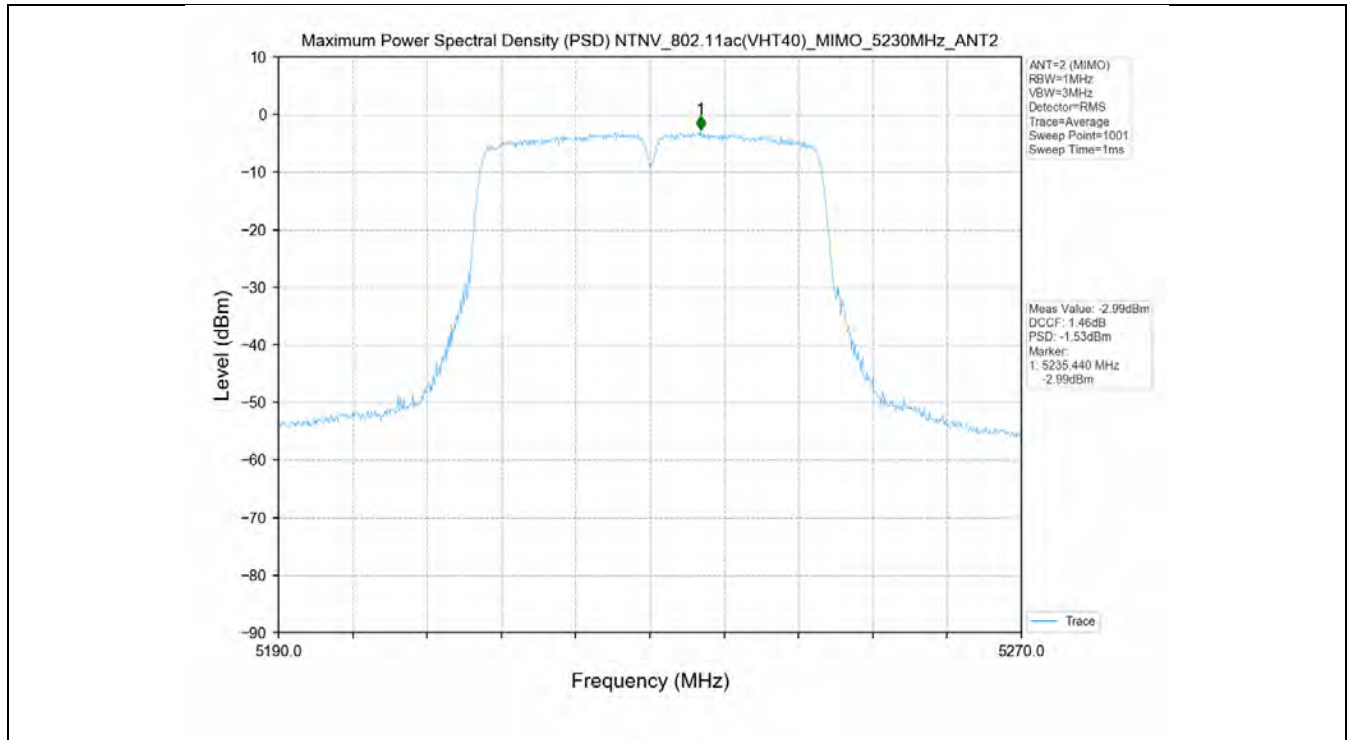


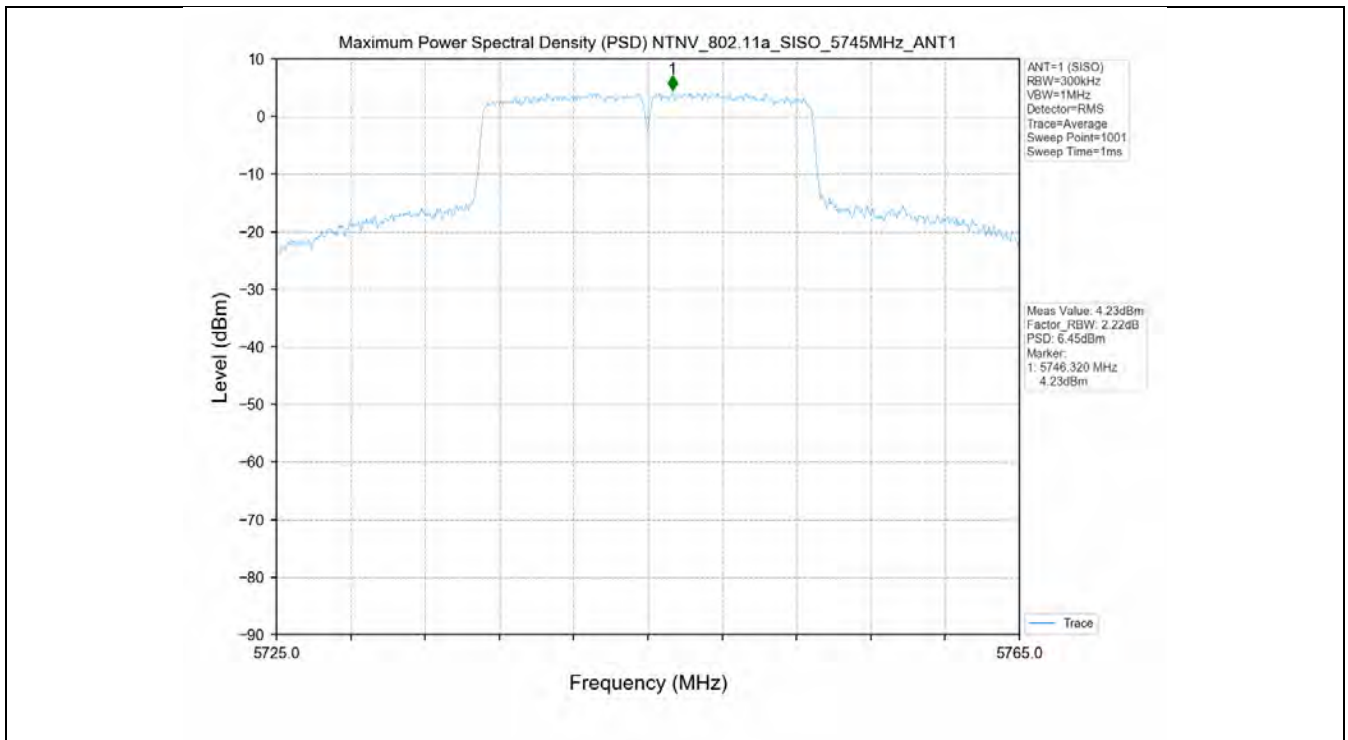
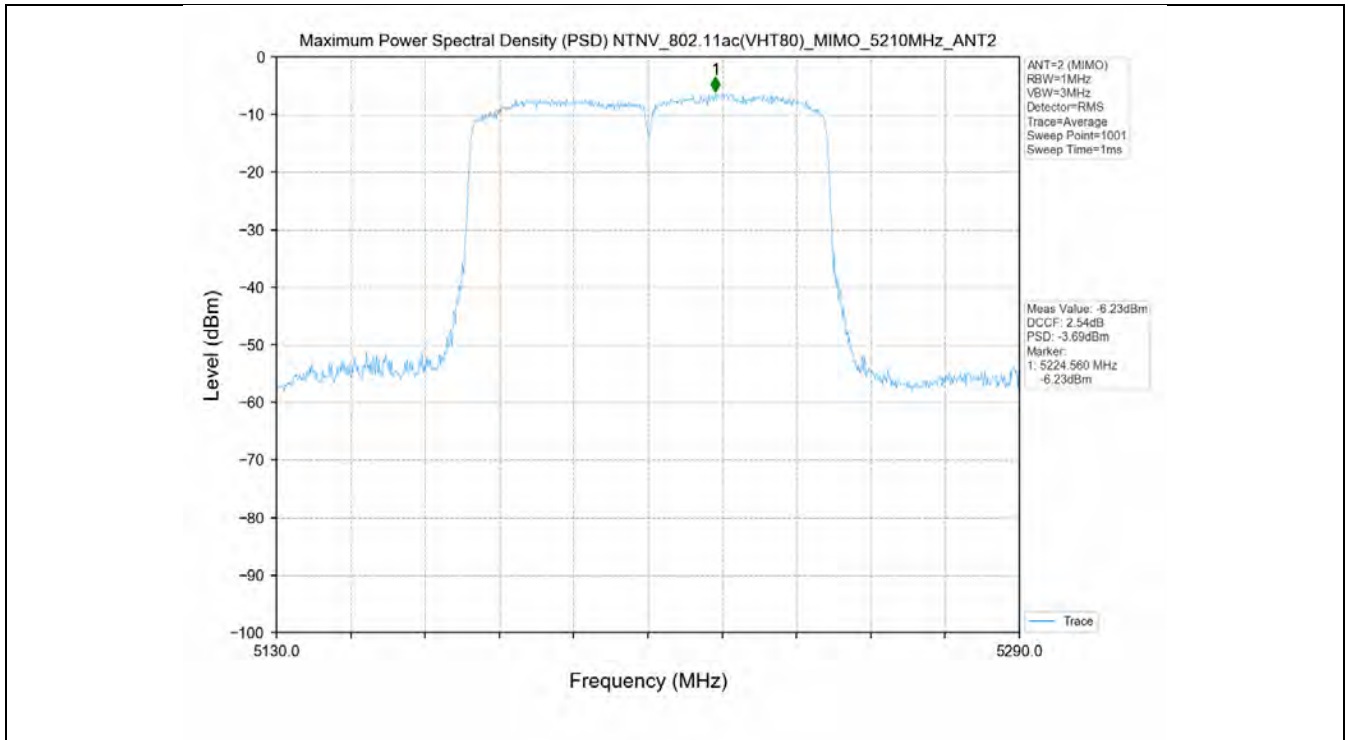


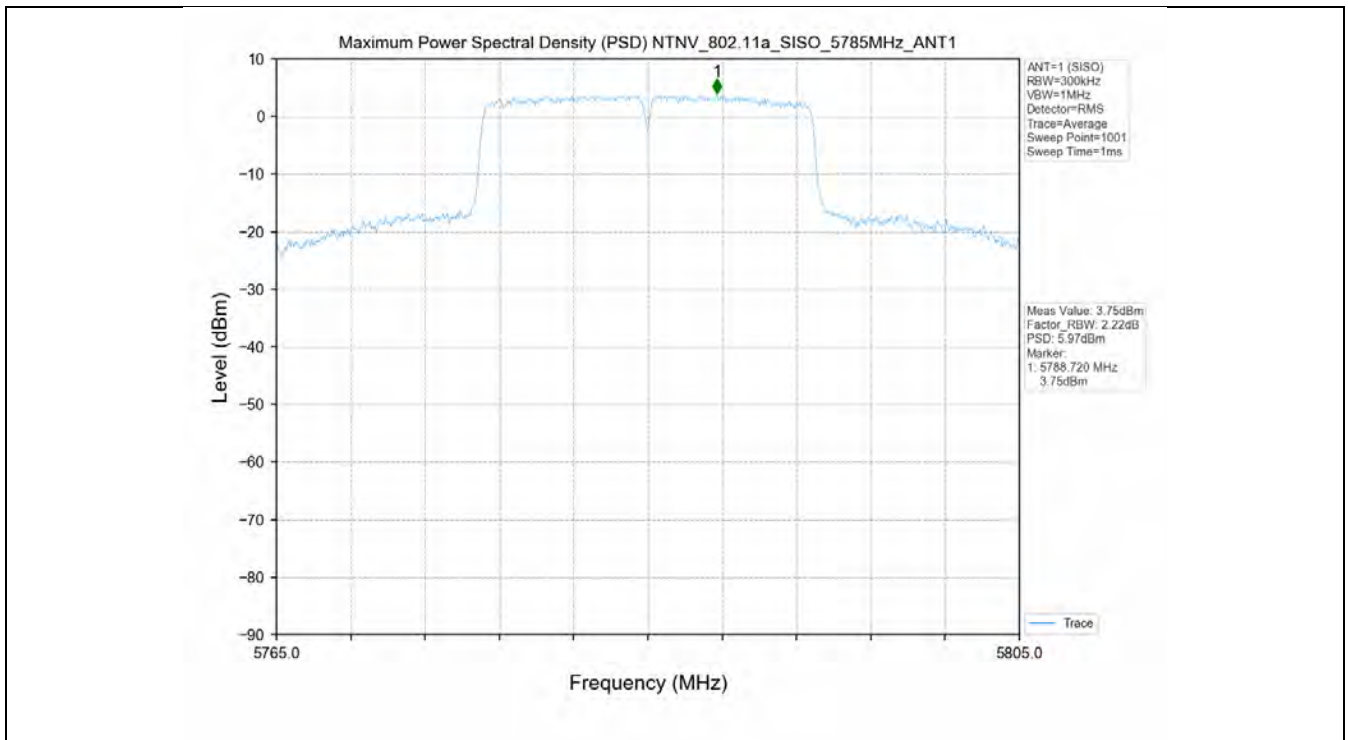
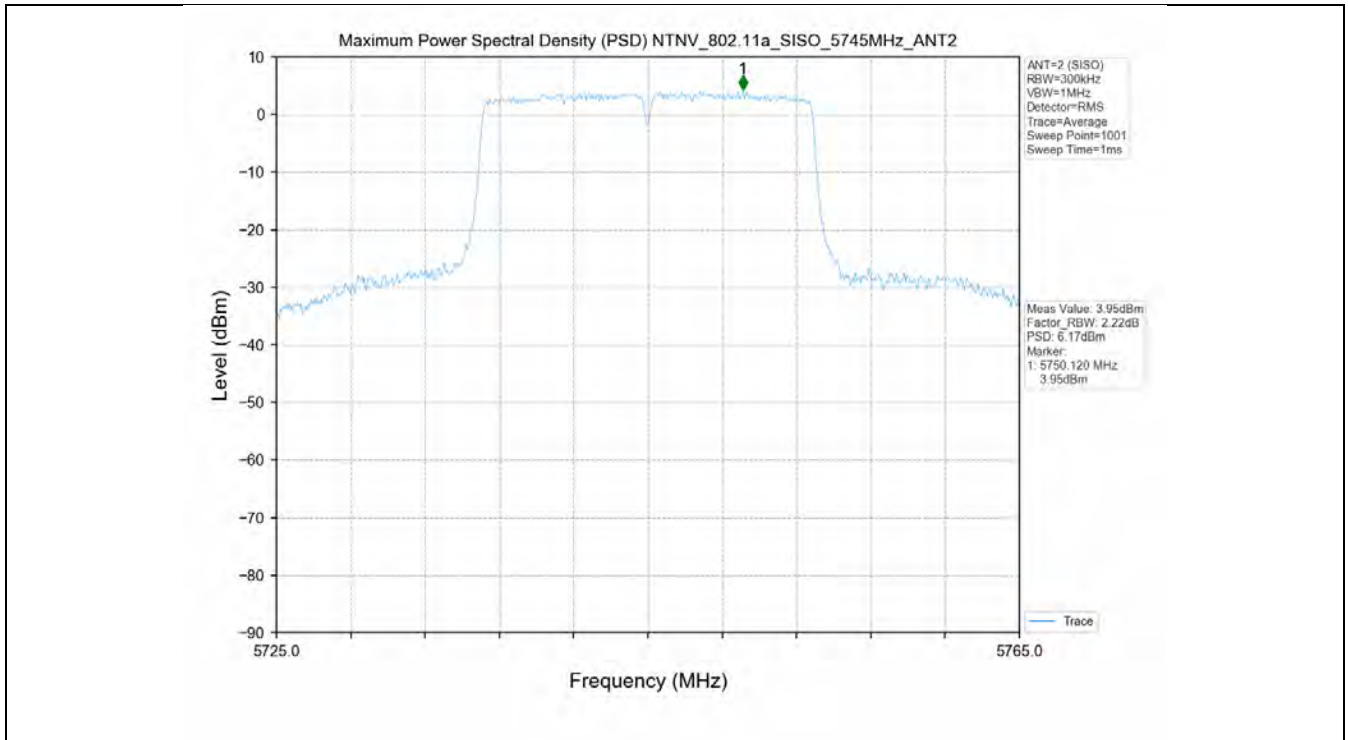


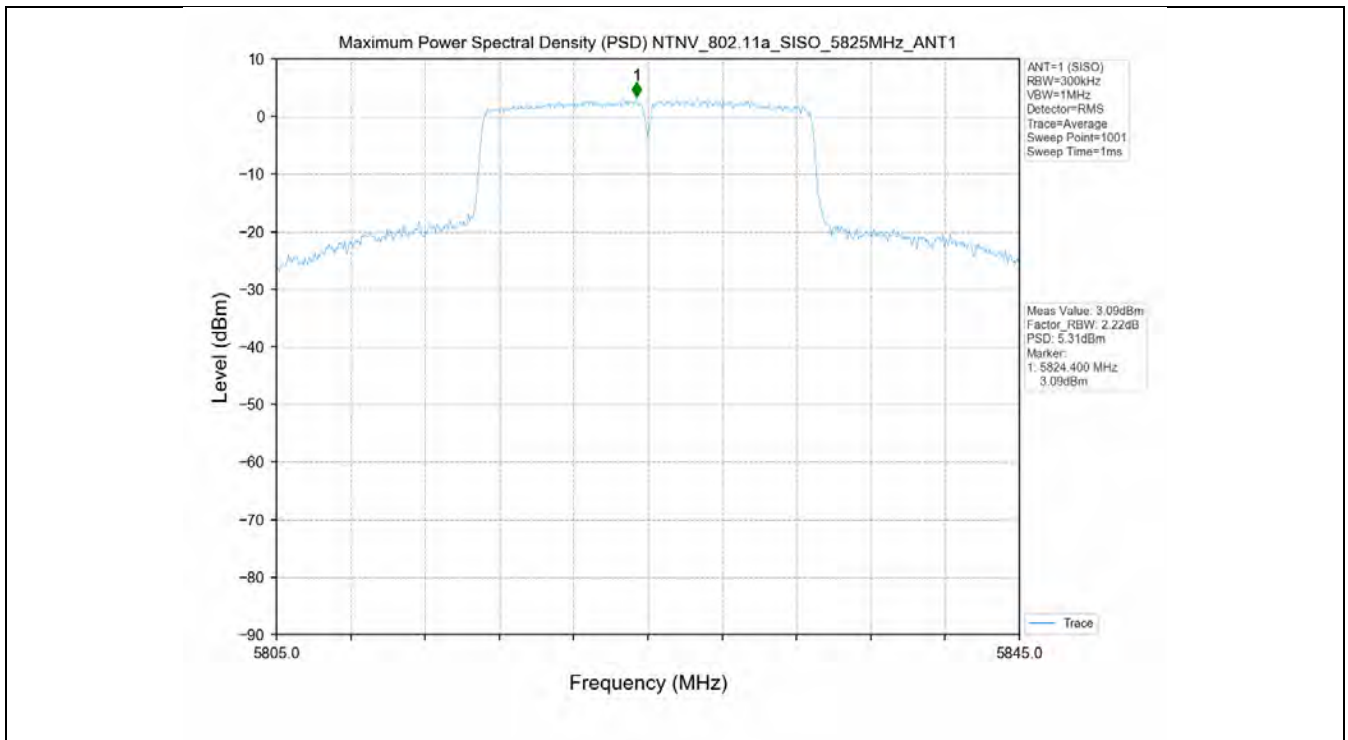
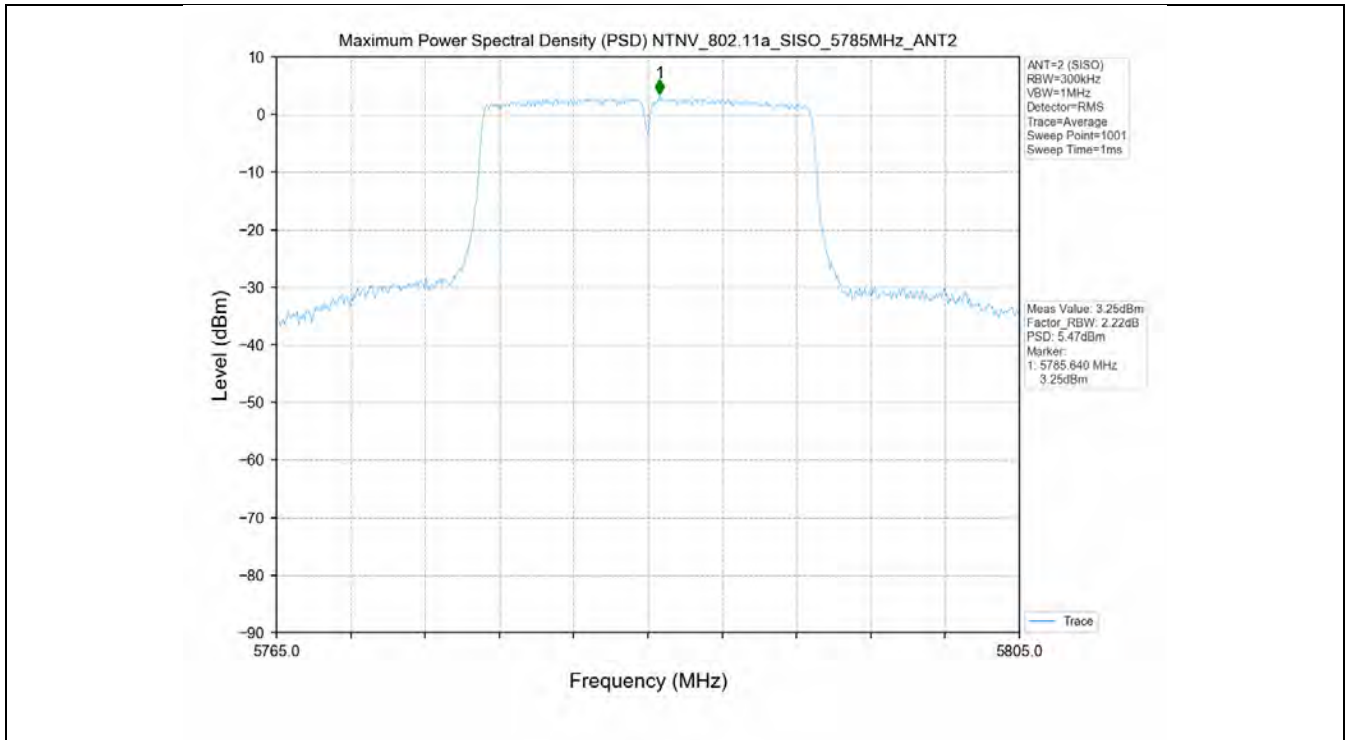


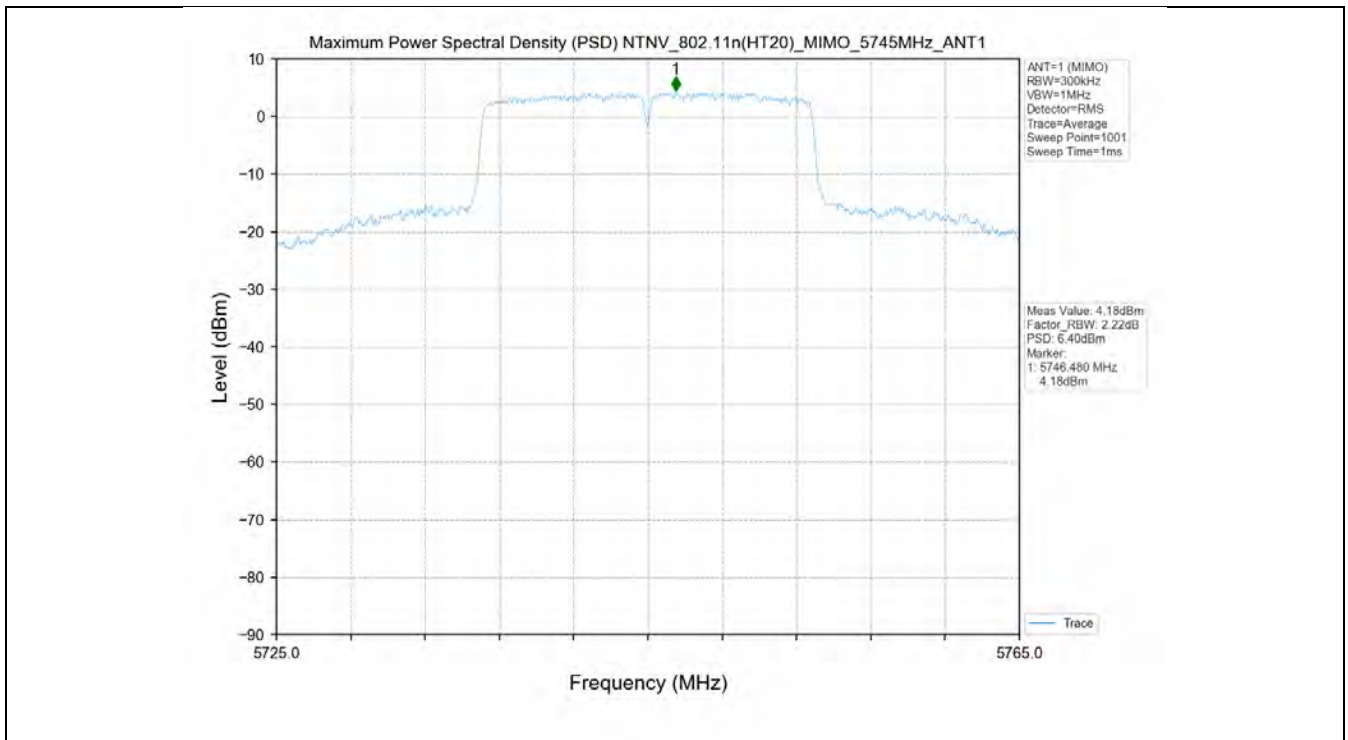
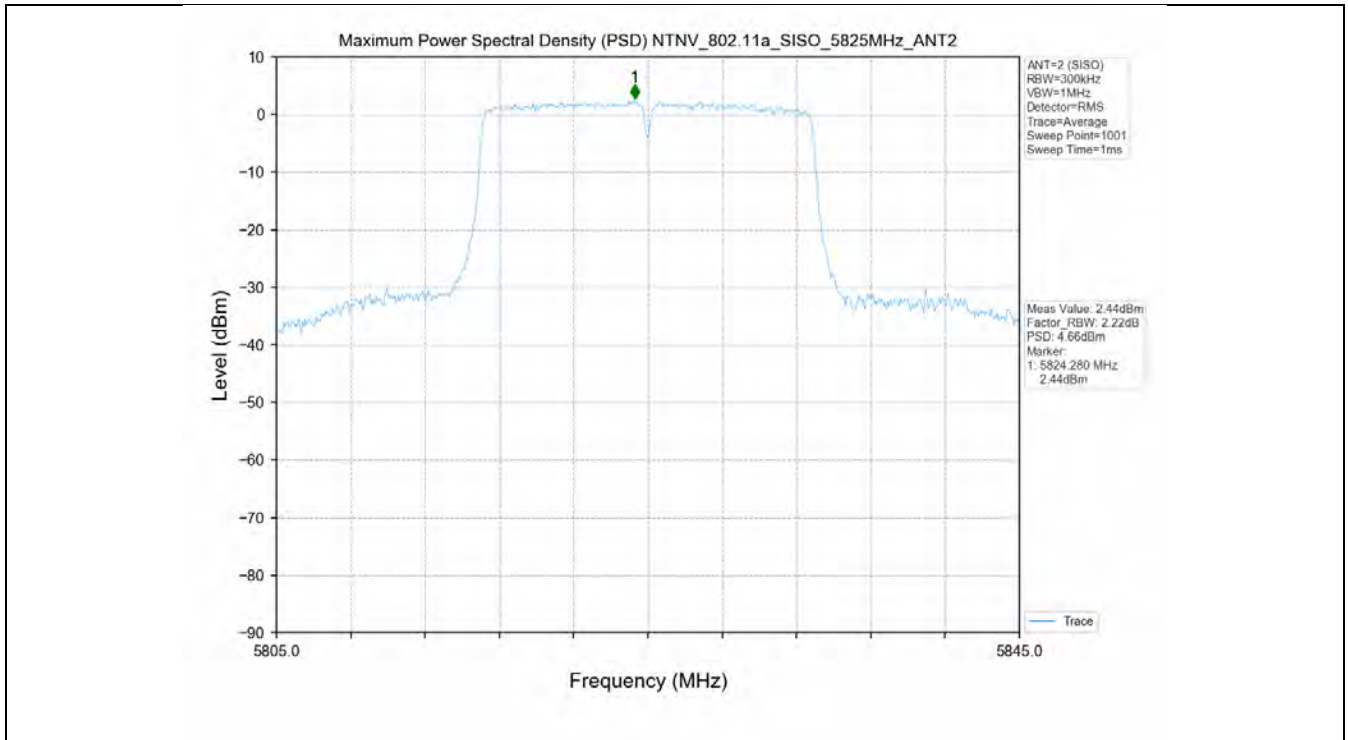


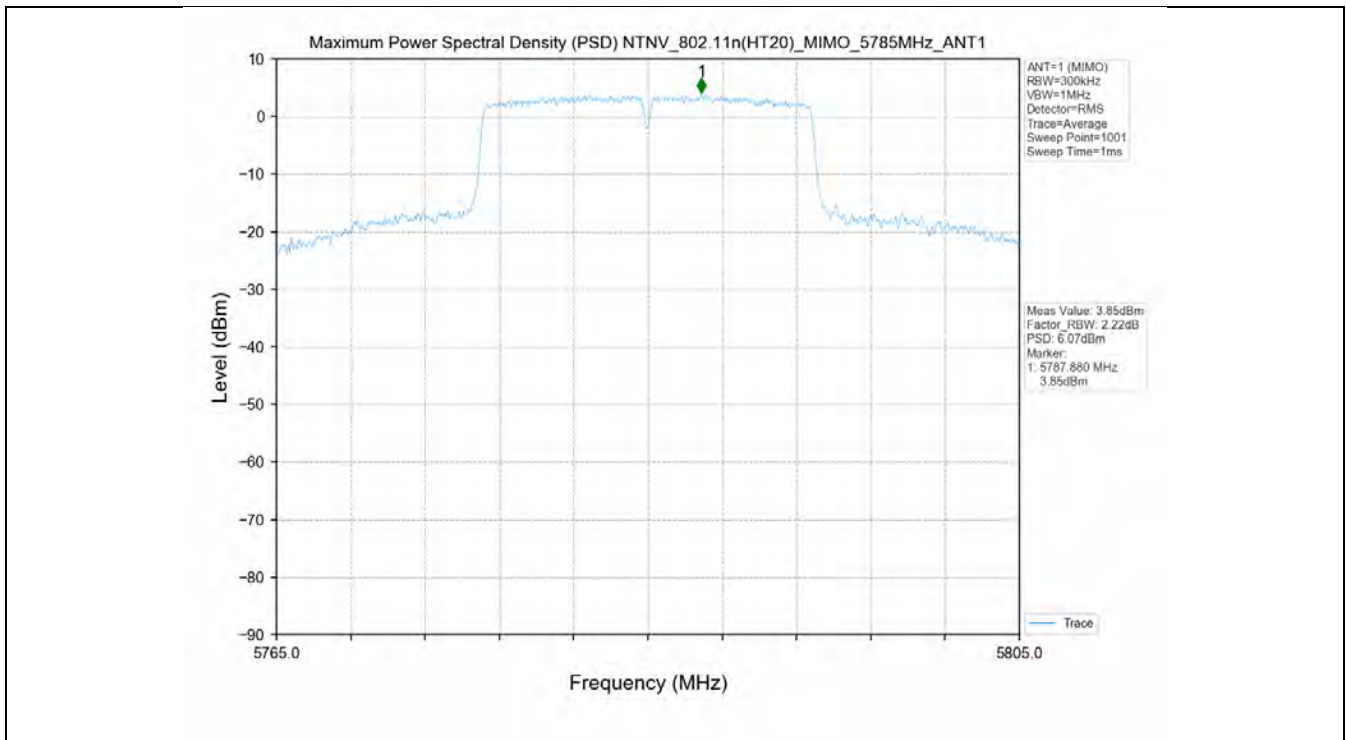
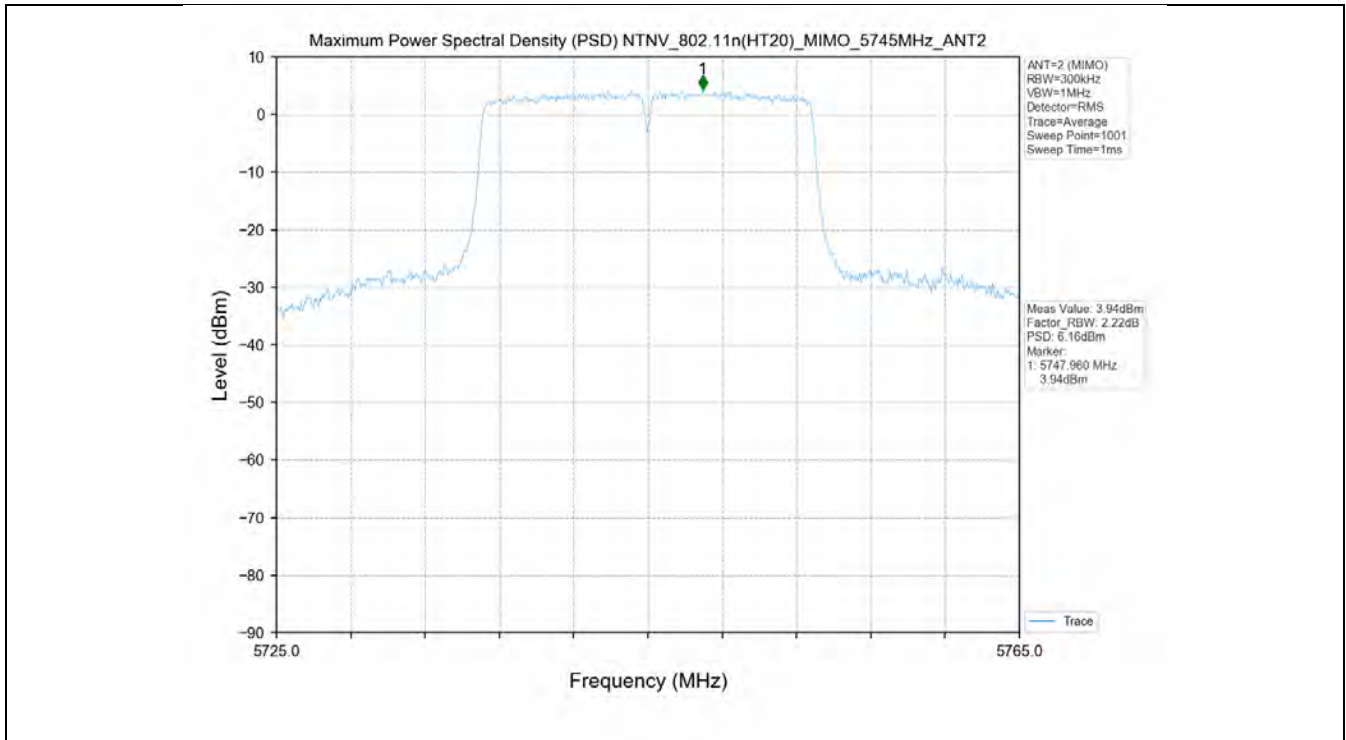


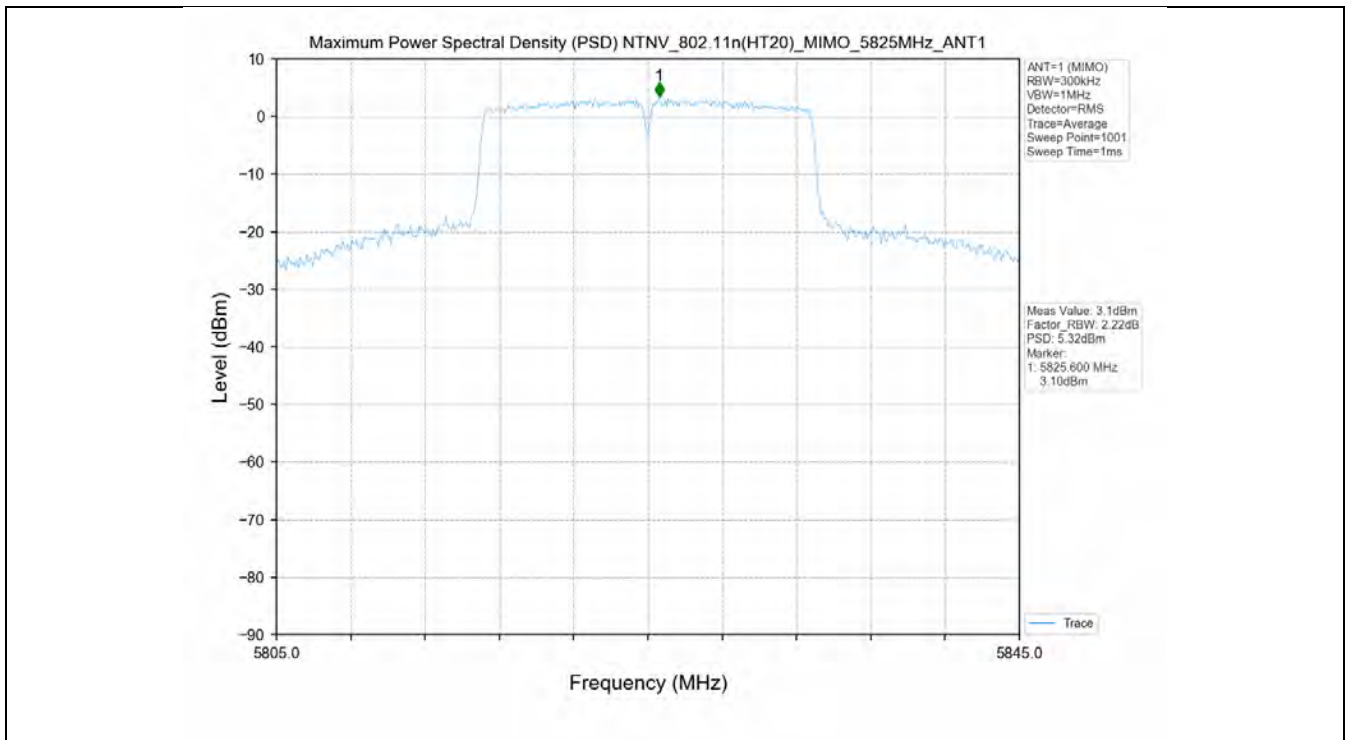
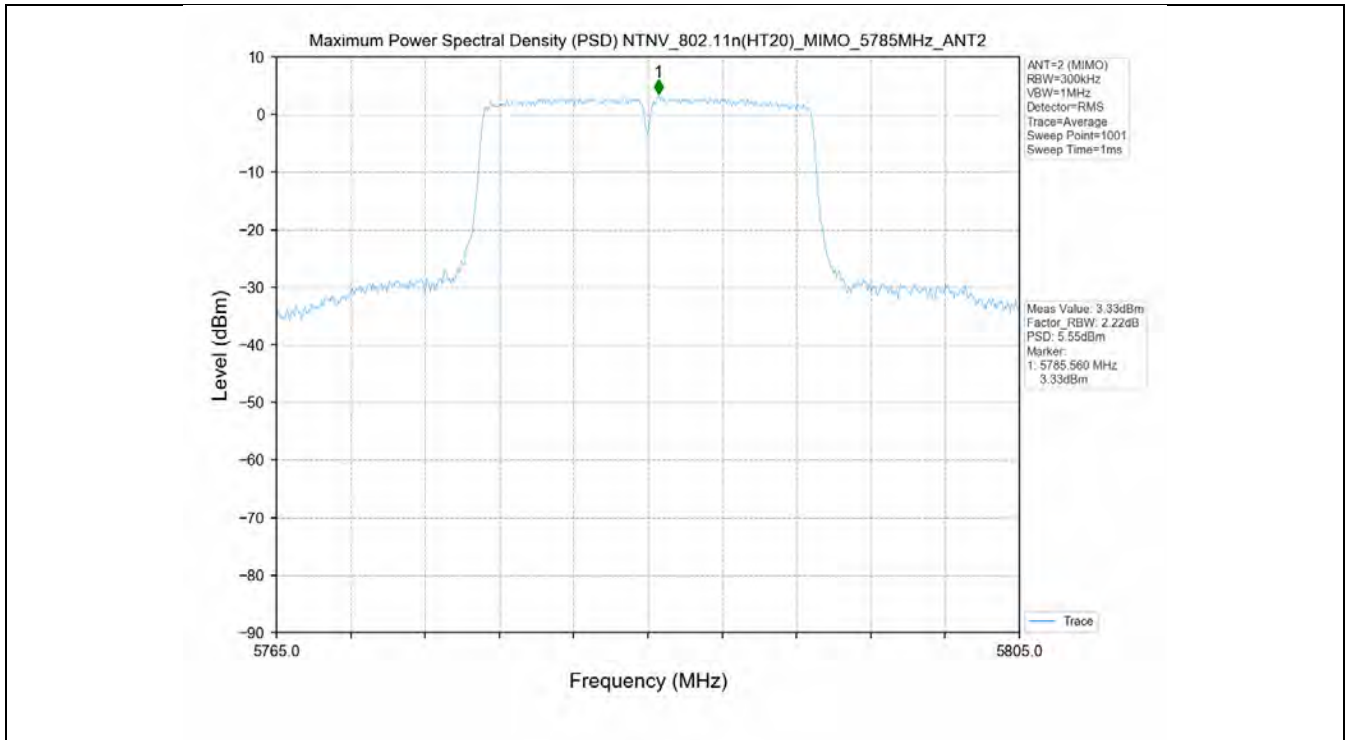


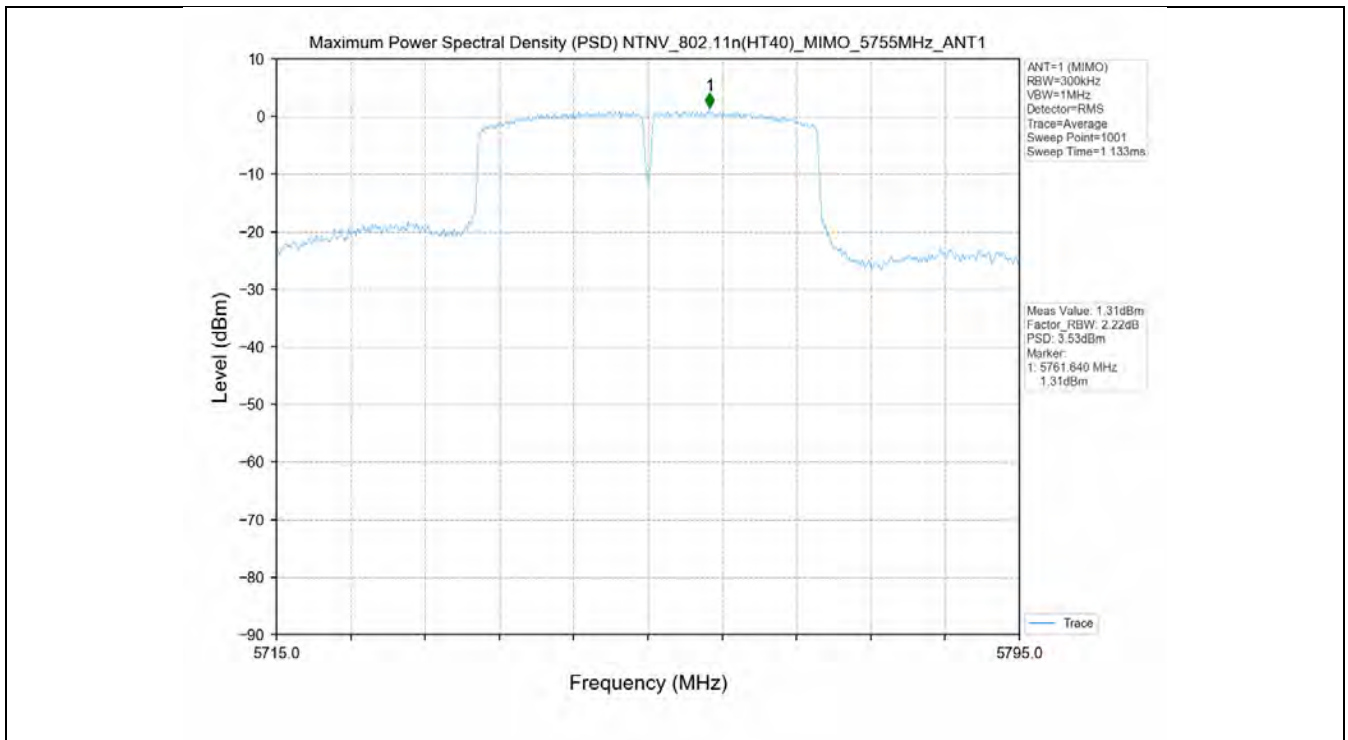
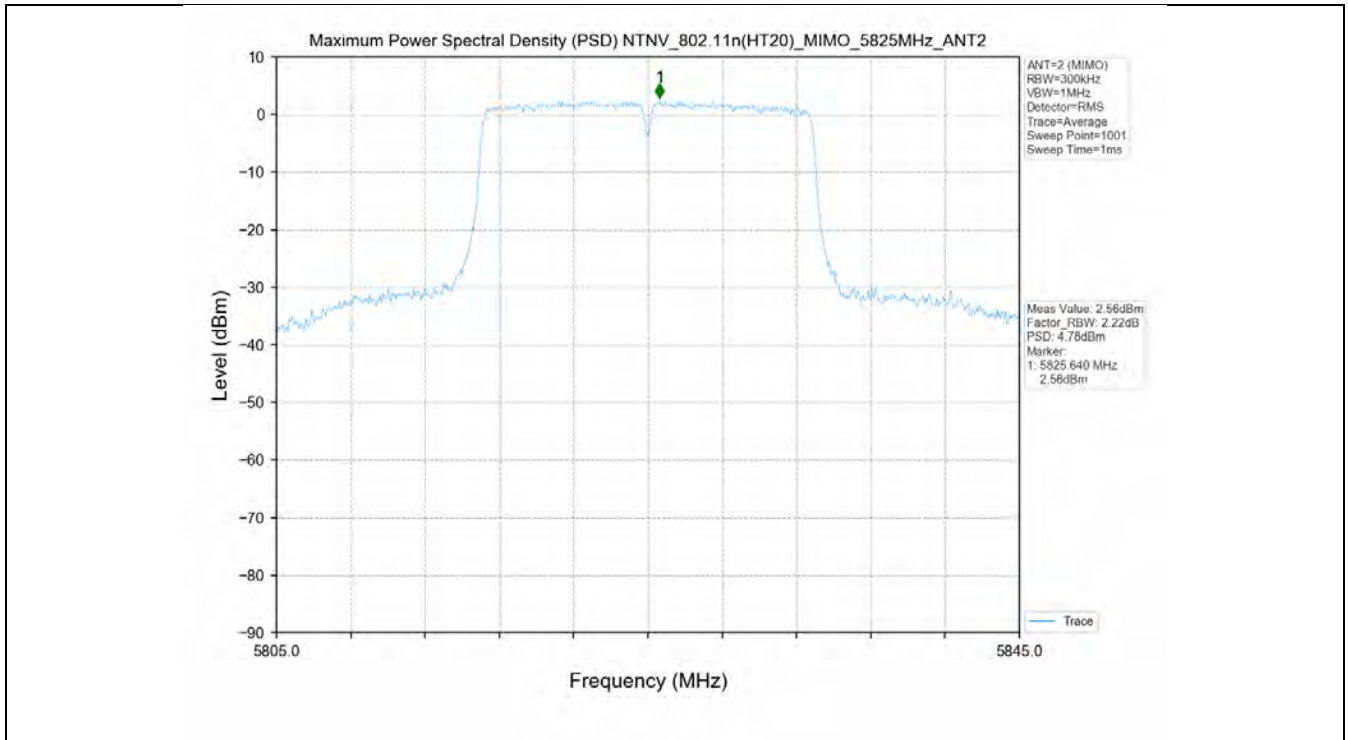


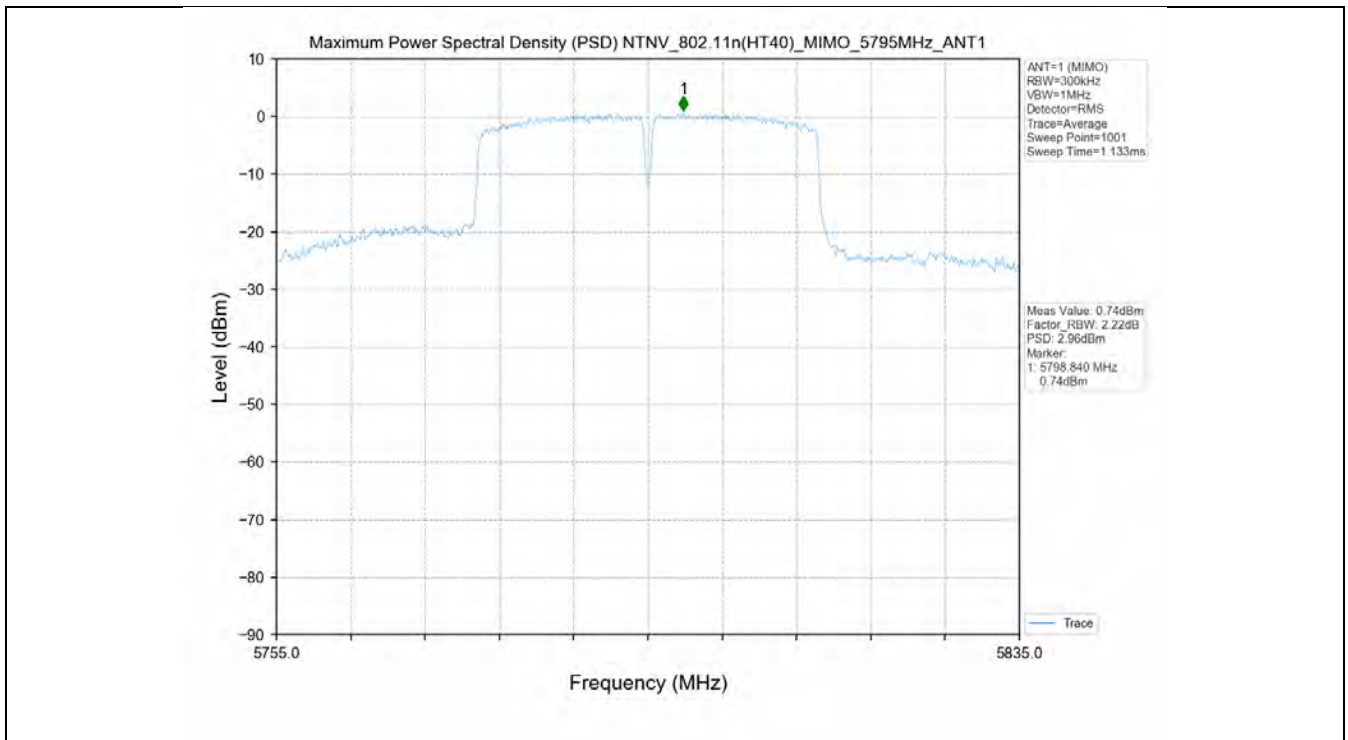
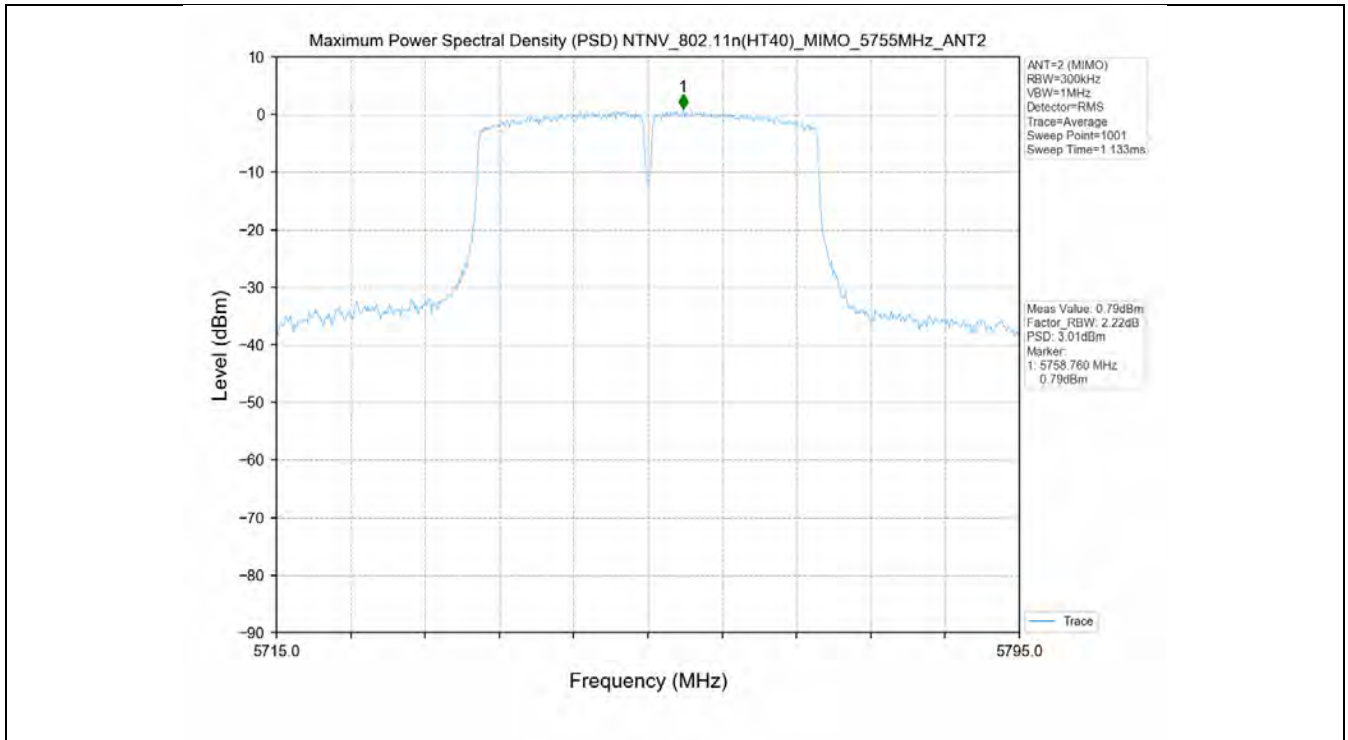


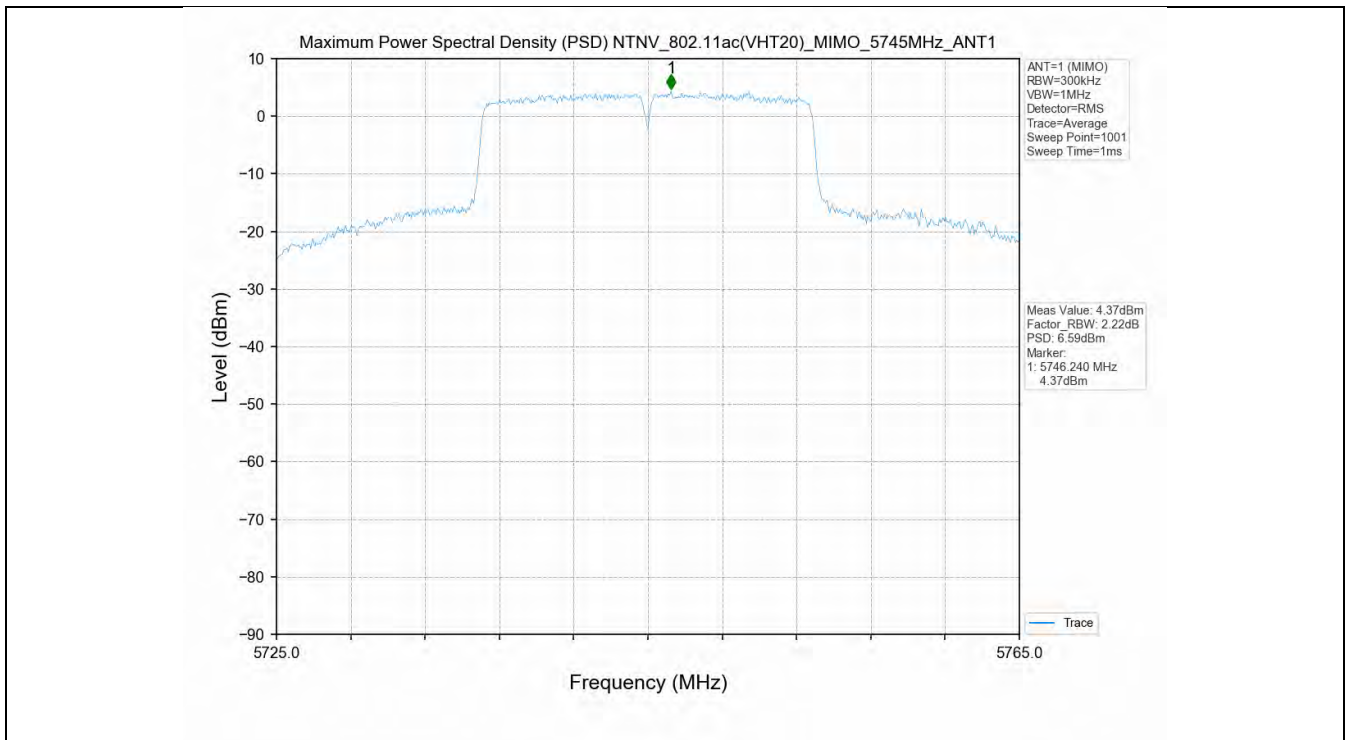
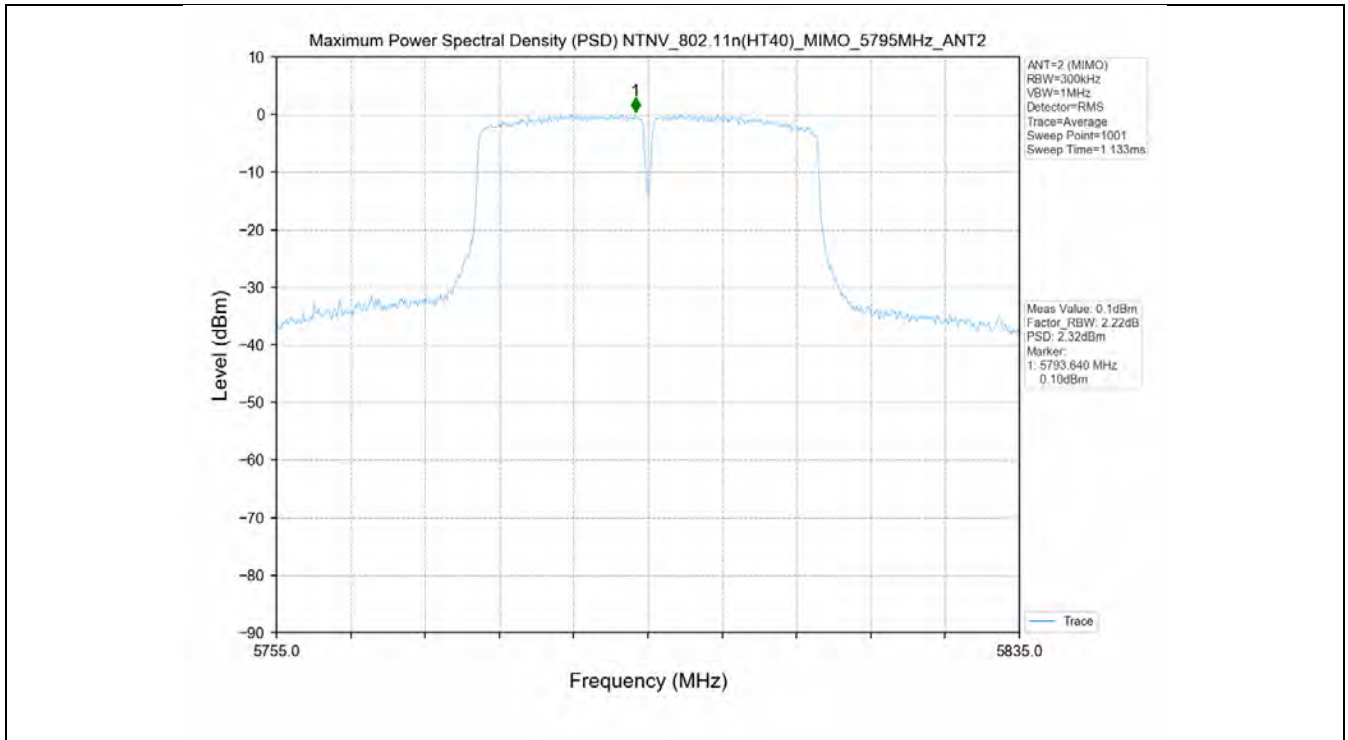


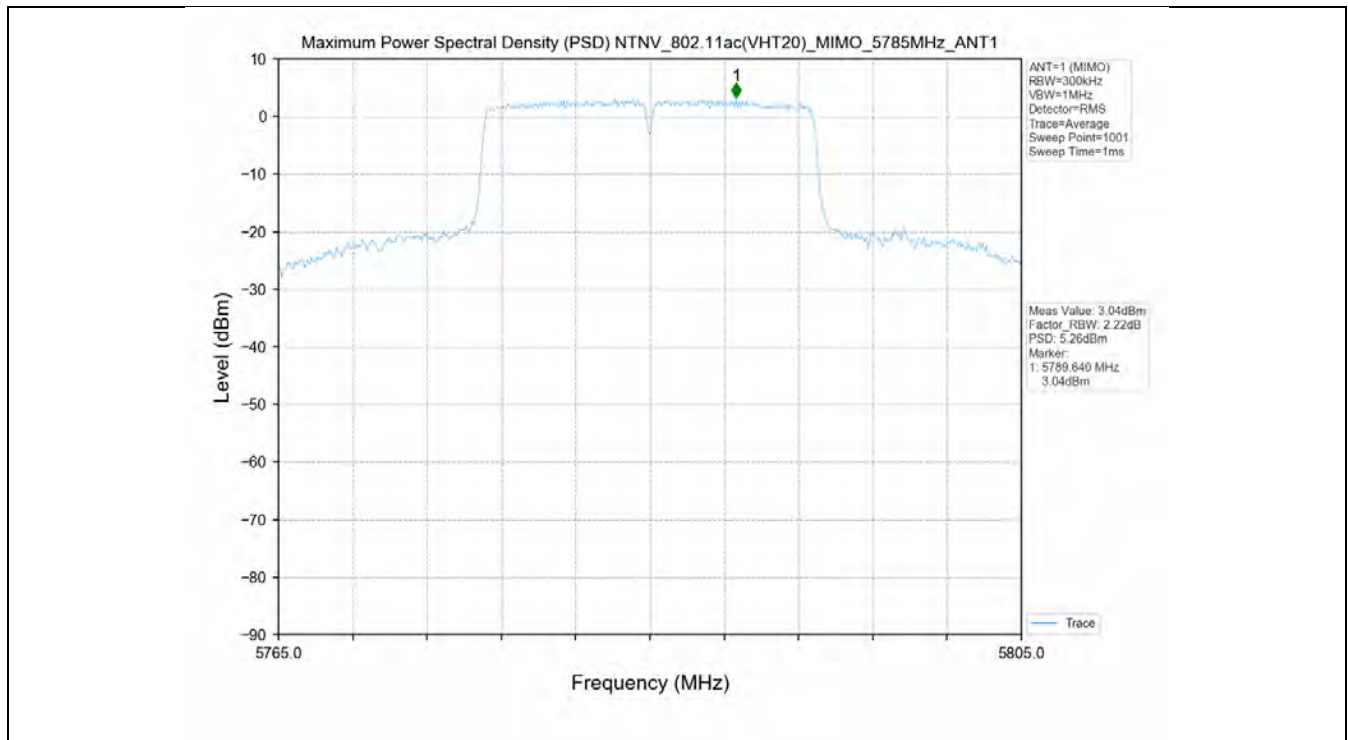
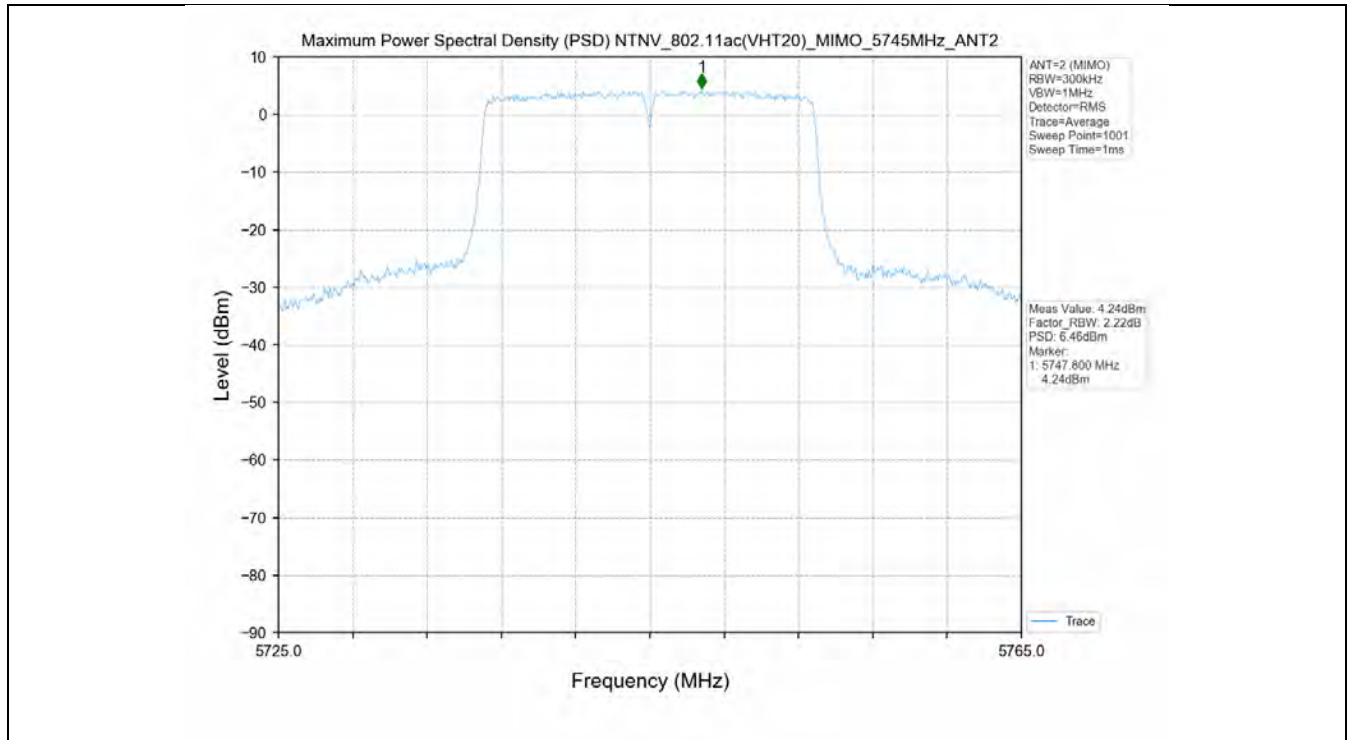


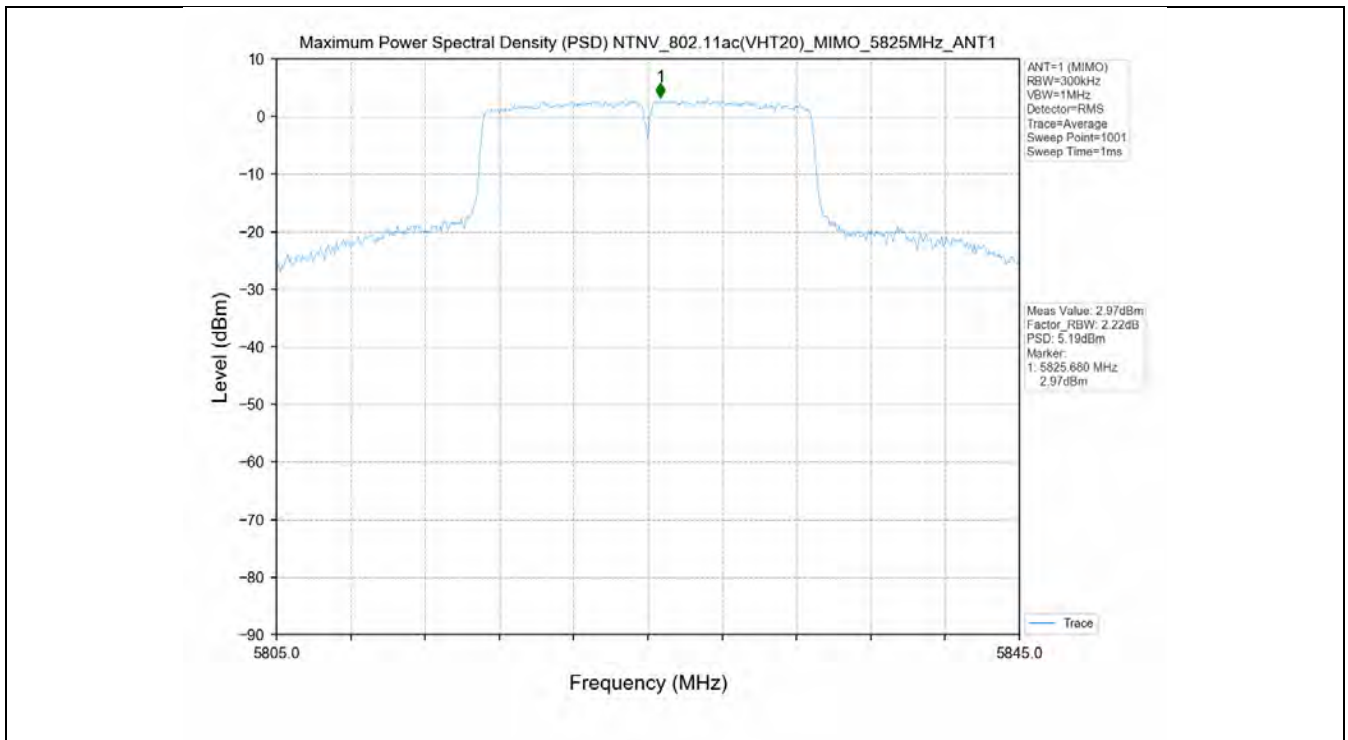
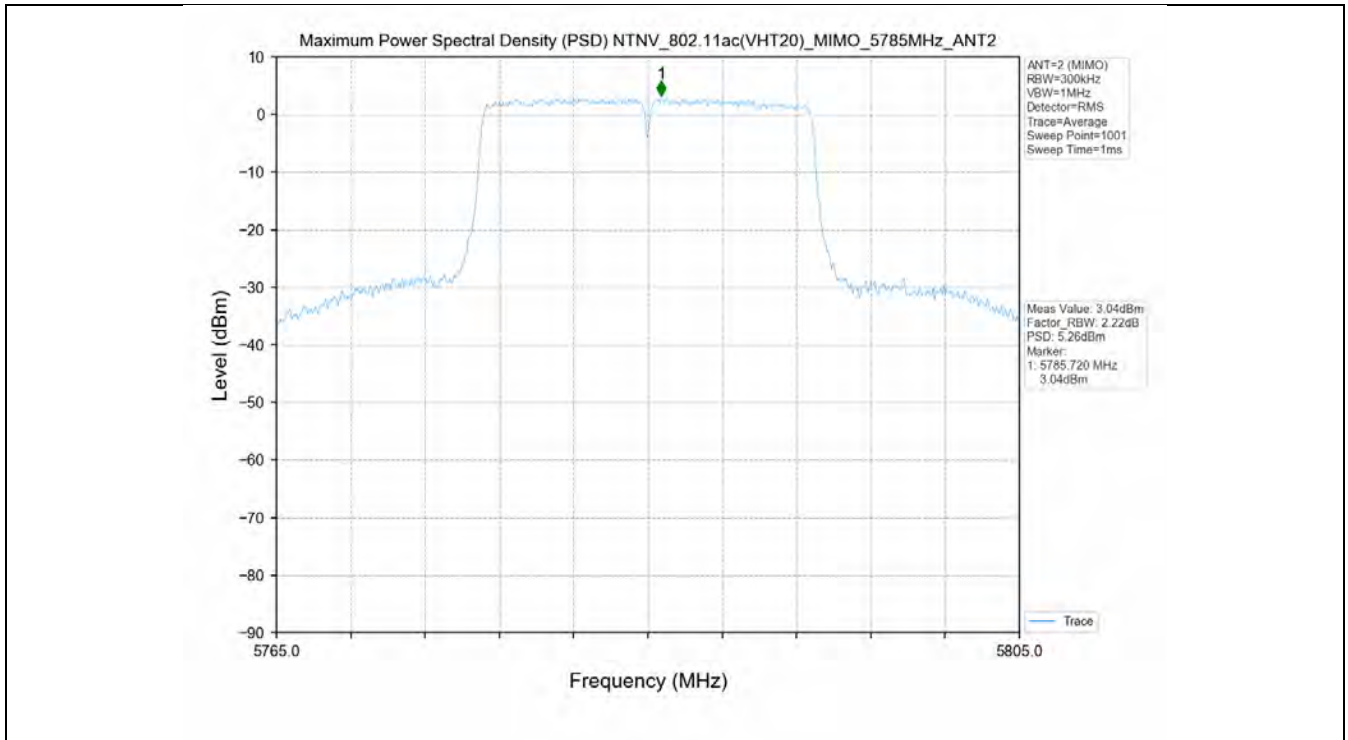


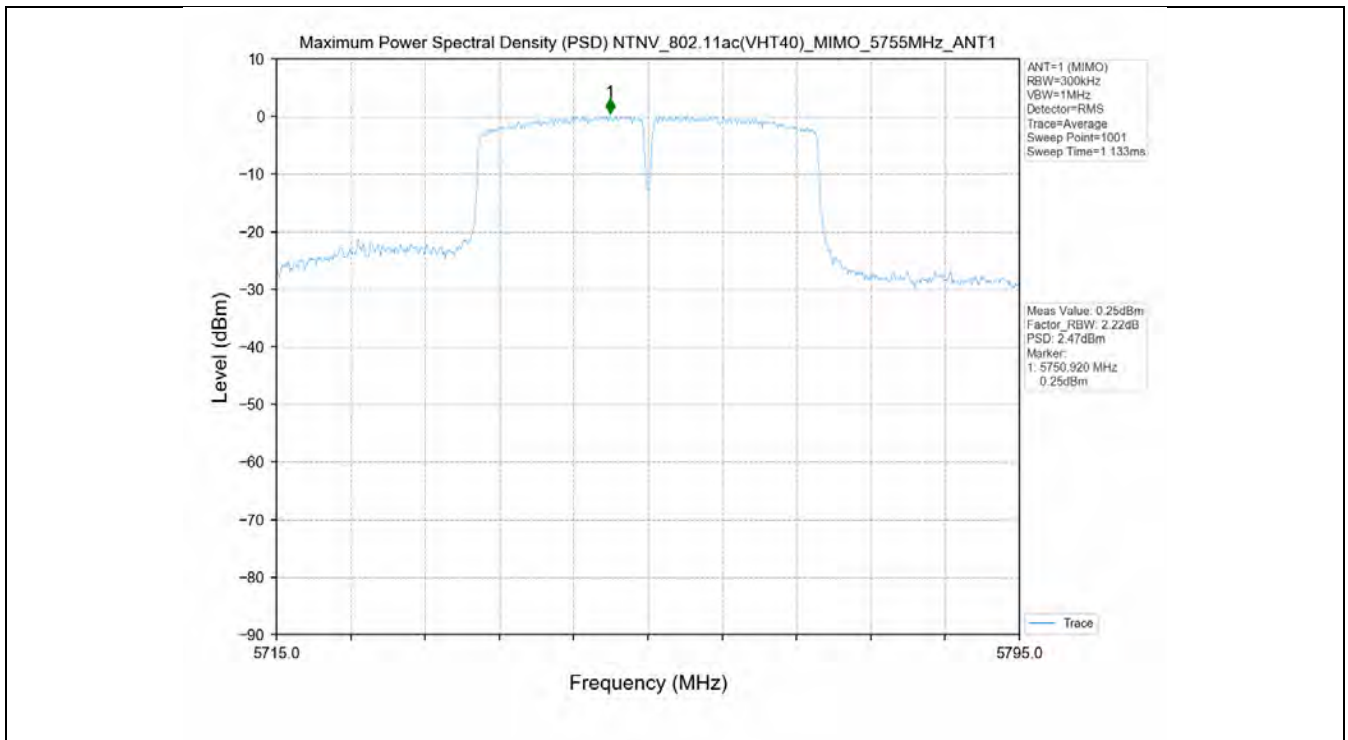
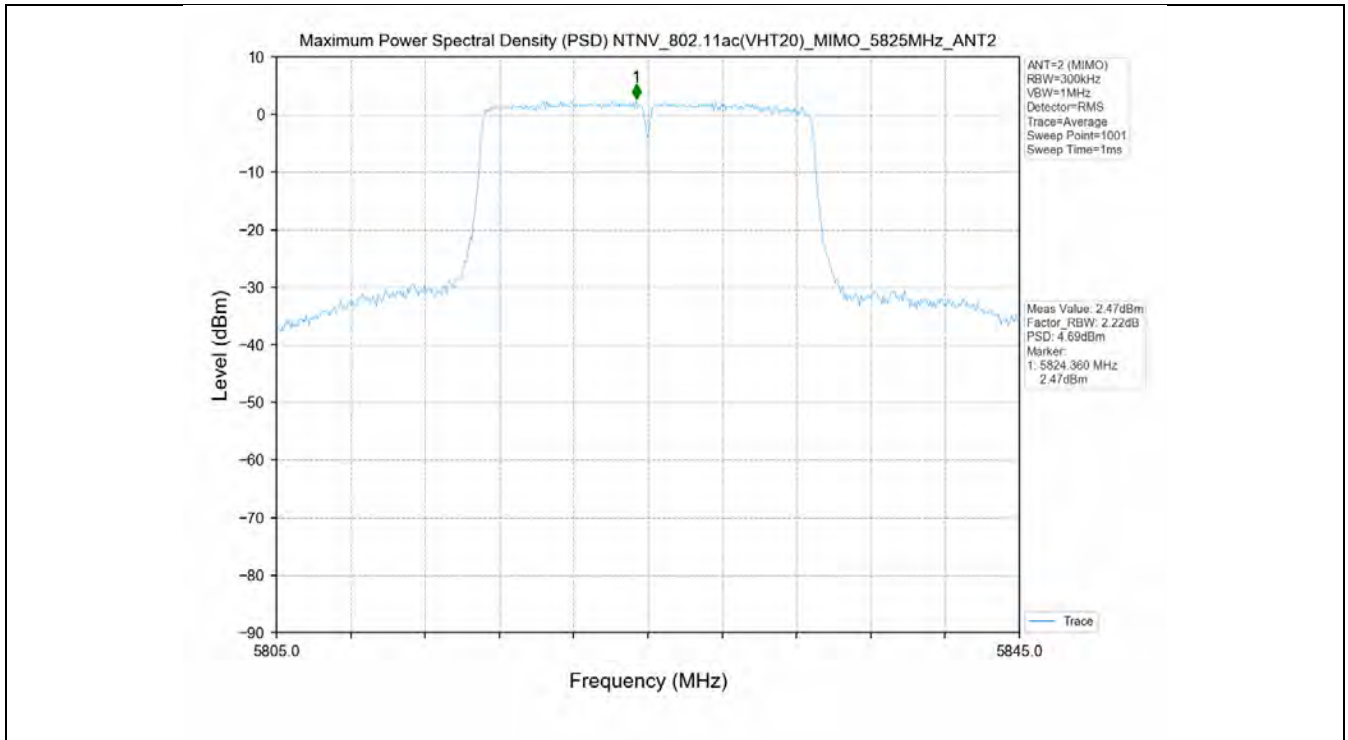


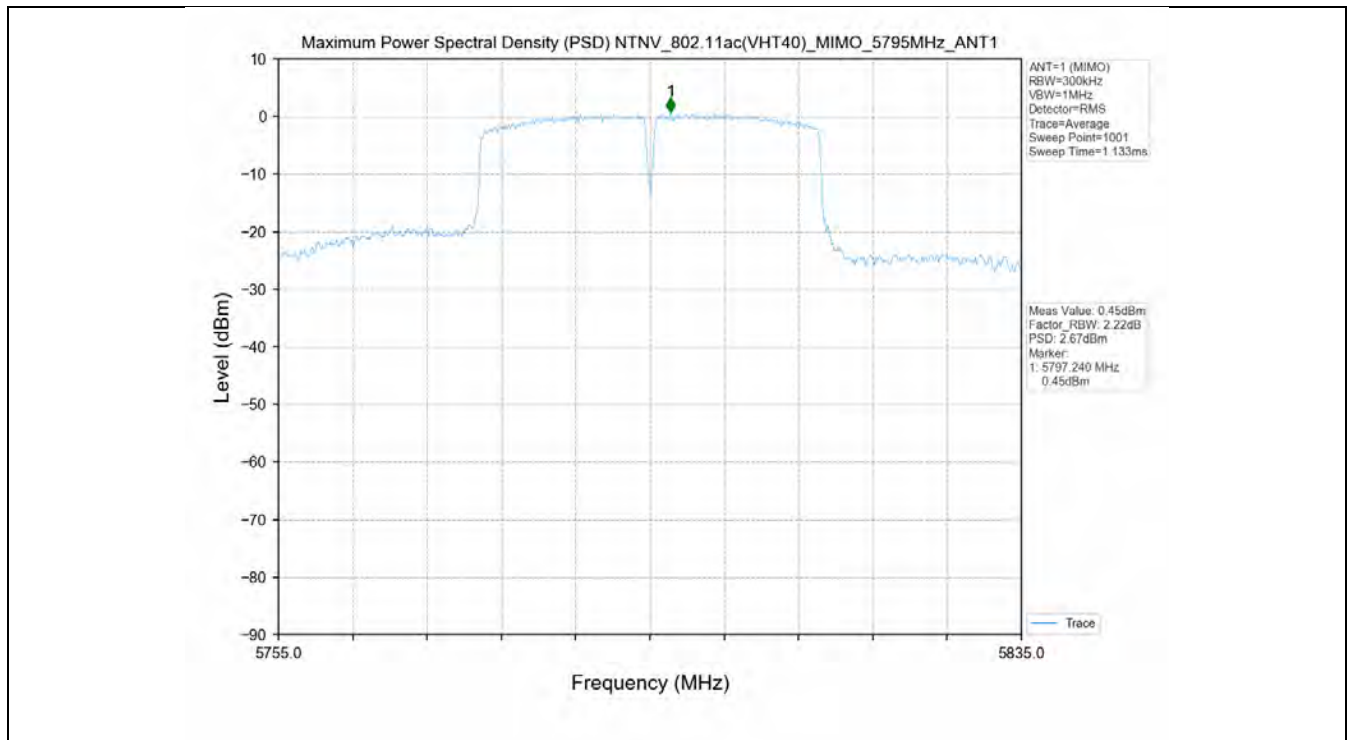
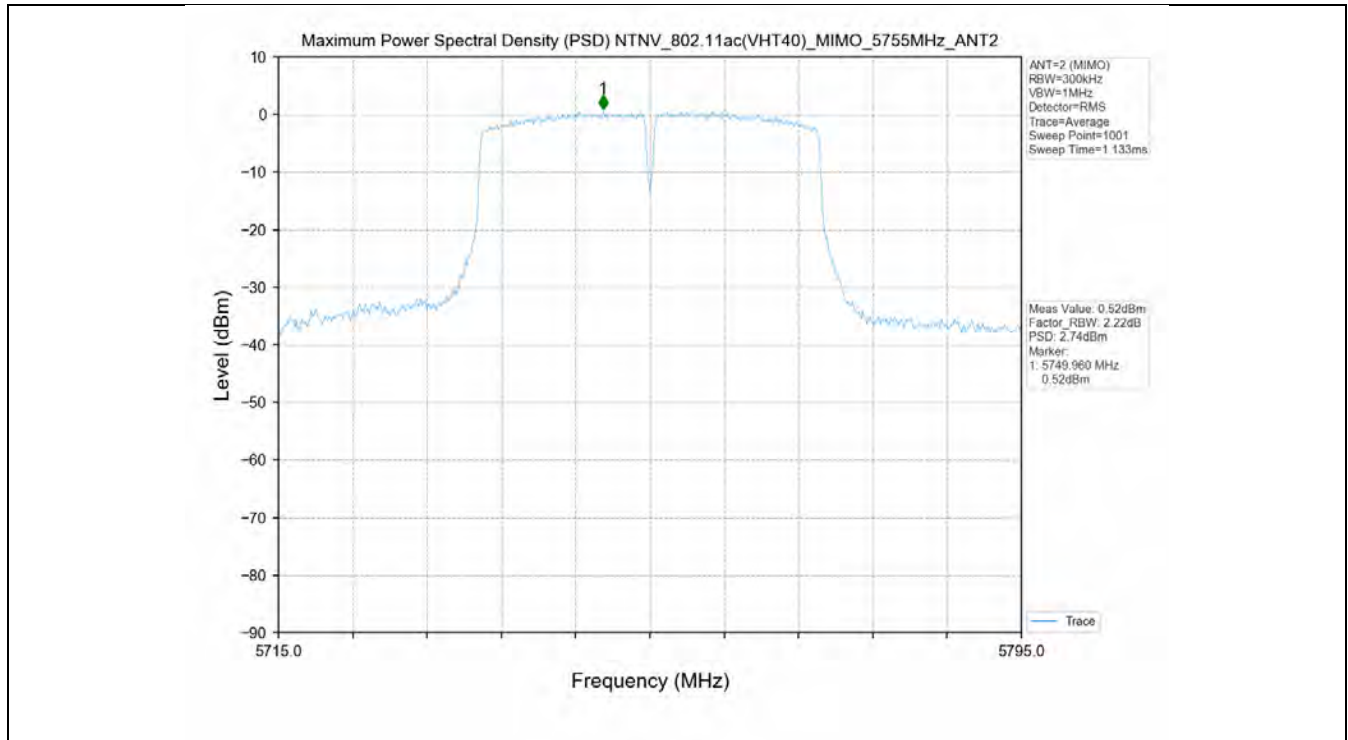


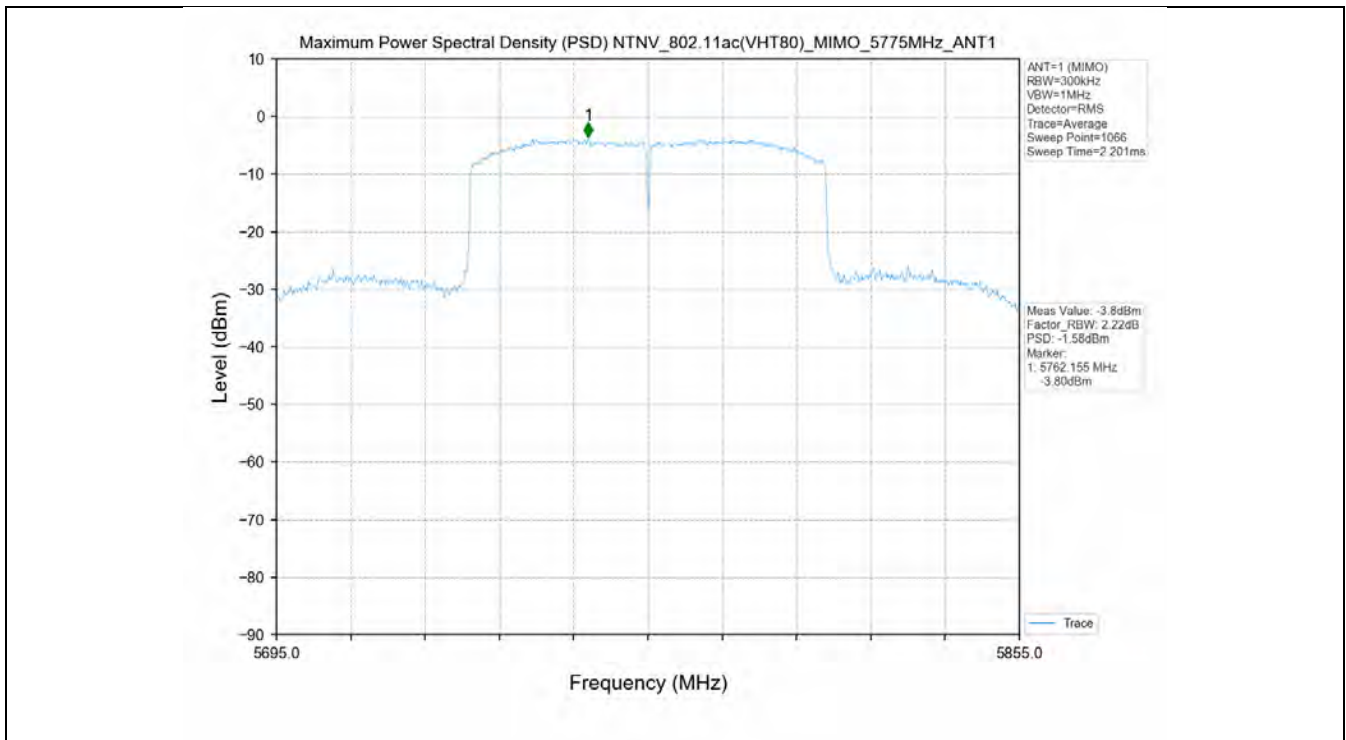
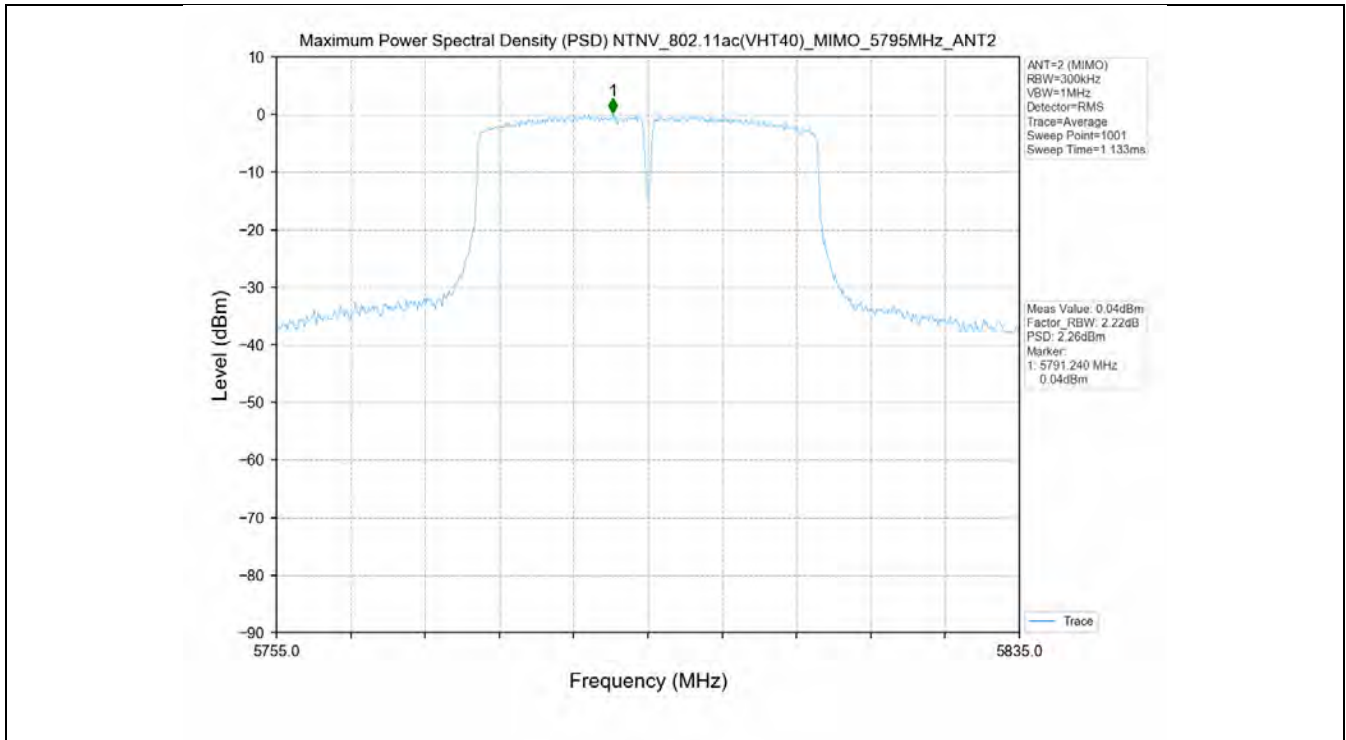


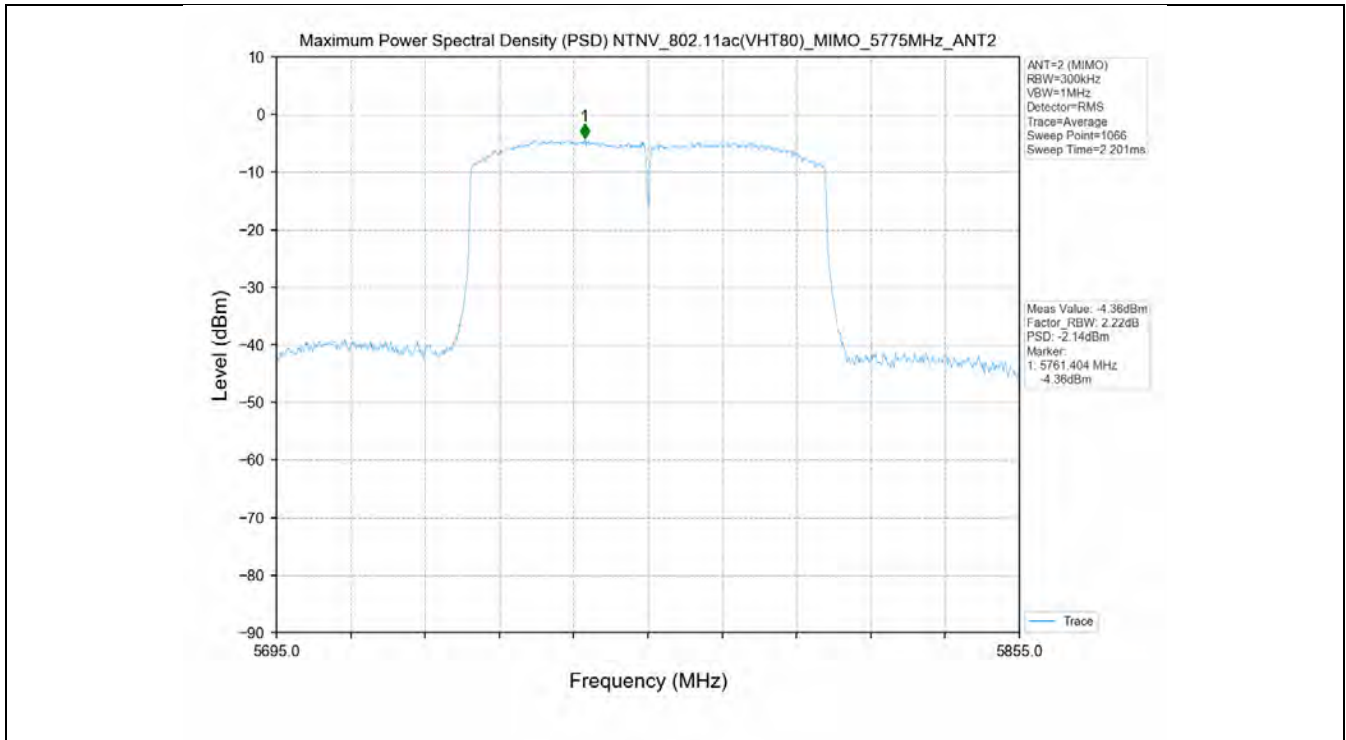












5. Frequency Stability

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	5179.9681	-0.0319	5.150-5.250	Pass	
		Extreme(+10)		5180.0301	0.0301		Pass	
		Extreme(+20)		5180.0107	0.0107		Pass	
		Extreme(+30)		5179.9379	-0.0621		Pass	
		Extreme(+35)		5179.9414	-0.0586		Pass	
	Extreme(102)	Norma(+20)	5180	5179.9504	-0.0496		Pass	
	Extreme(138)			5180.0279	0.0279		Pass	
	Normal(120)	Norma(+20)	5240	5239.9606	-0.0394		Pass	
				Extreme(+10)	5239.93		-0.0700	Pass
				Extreme(+20)	5239.9668		-0.0332	Pass
				Extreme(+30)	5239.9281		-0.0719	Pass
				Extreme(+35)	5240.0201		0.0201	Pass
				Extreme(102)	Norma(20)		5240	5239.988
	Extreme(138)	5239.982	-0.0180	Pass				
Band	Test Conditions		Operation Frequency	Test Frequency	Freq. Dev. (MHz)	Limit	Result	



			(MHz)	(MHz)		(GHz)	
	Volt (V AC)	Temp (°C)		ANT1	ANT1		
Band UN-II 3	Normal(120)	Extreme(0)	5745	5744.9862	-0.0031	5.725- 5.850	Pass
		Extreme(+10)		5744.9312	-0.0563		Pass
		Extreme(+20)		5744.9569	0.0116		Pass
		Extreme(+30)		5744.9708	-0.0582		Pass
		Extreme(+35)		5745.0106	-0.0503		Pass
	Extreme(102)	Norma(+20)	5744.955	-0.0289	Pass		
	Extreme(138)		5744.9832	-0.0199	Pass		
	Normal(120)	Extreme(0)	5825	5824.9375	-0.0573		Pass
		Extreme(+10)		5824.9553	0.0124		Pass
		Extreme(+20)		5824.9194	-0.0607		Pass
		Extreme(+30)		5824.9589	-0.0163		Pass
		Extreme(+35)		5825.0068	0.0065		Pass
	Extreme(102)	Norma(20)	5824.9829	0.0170	Pass		
	Extreme(138)		5825.0019	-0.0277	Pass		