



Appendix for 15.407

1. Bandwidth

1.1 Test Result

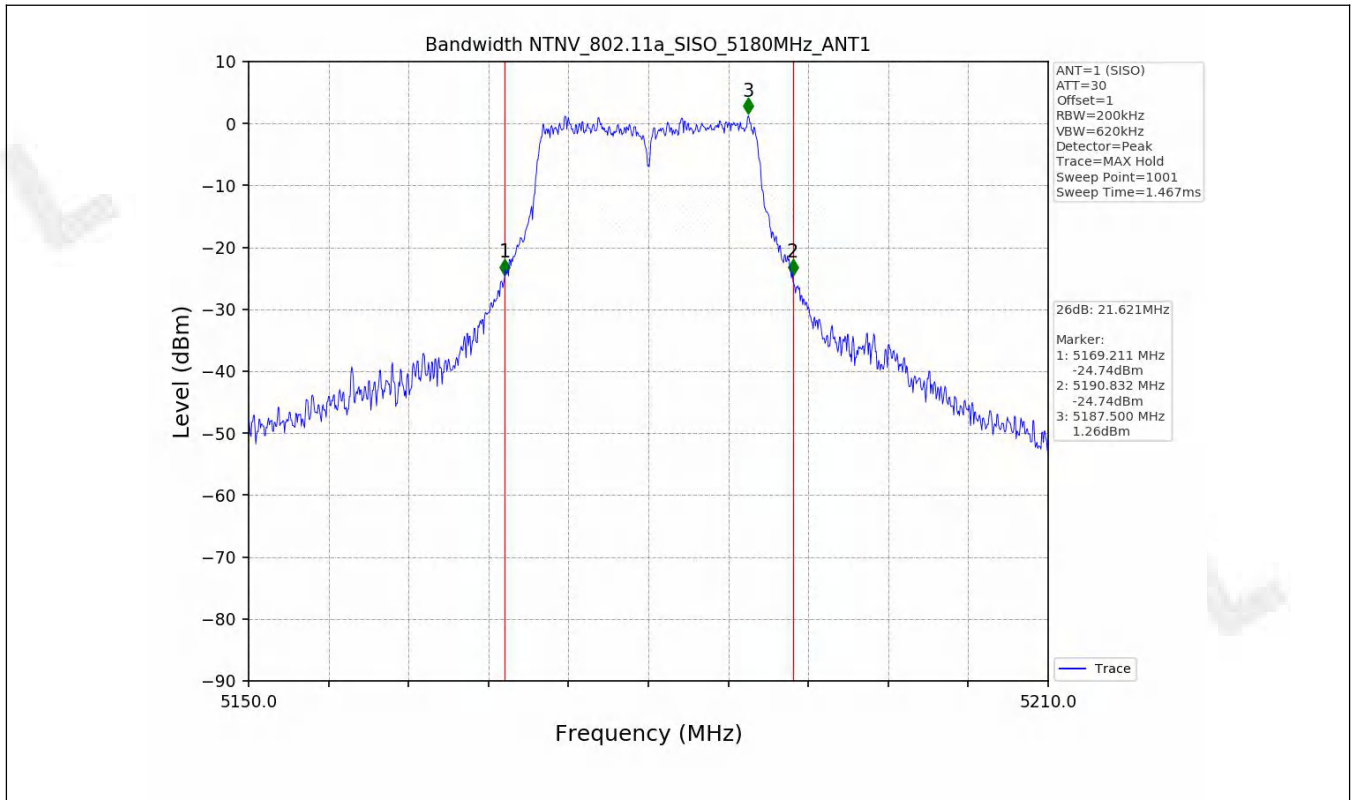
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	21.621	Only for Report Use	PASS
	5200	SISO	1	21.947	Only for Report Use	PASS
	5240	SISO	1	21.921	Only for Report Use	PASS
802.11n(HT20)	5180	SISO	1	21.784	Only for Report Use	PASS
	5200	SISO	1	22.743	Only for Report Use	PASS
	5240	SISO	1	22.842	Only for Report Use	PASS
802.11n(HT40)	5190	SISO	1	43.504	Only for Report Use	PASS
	5230	SISO	1	46.786	Only for Report Use	PASS

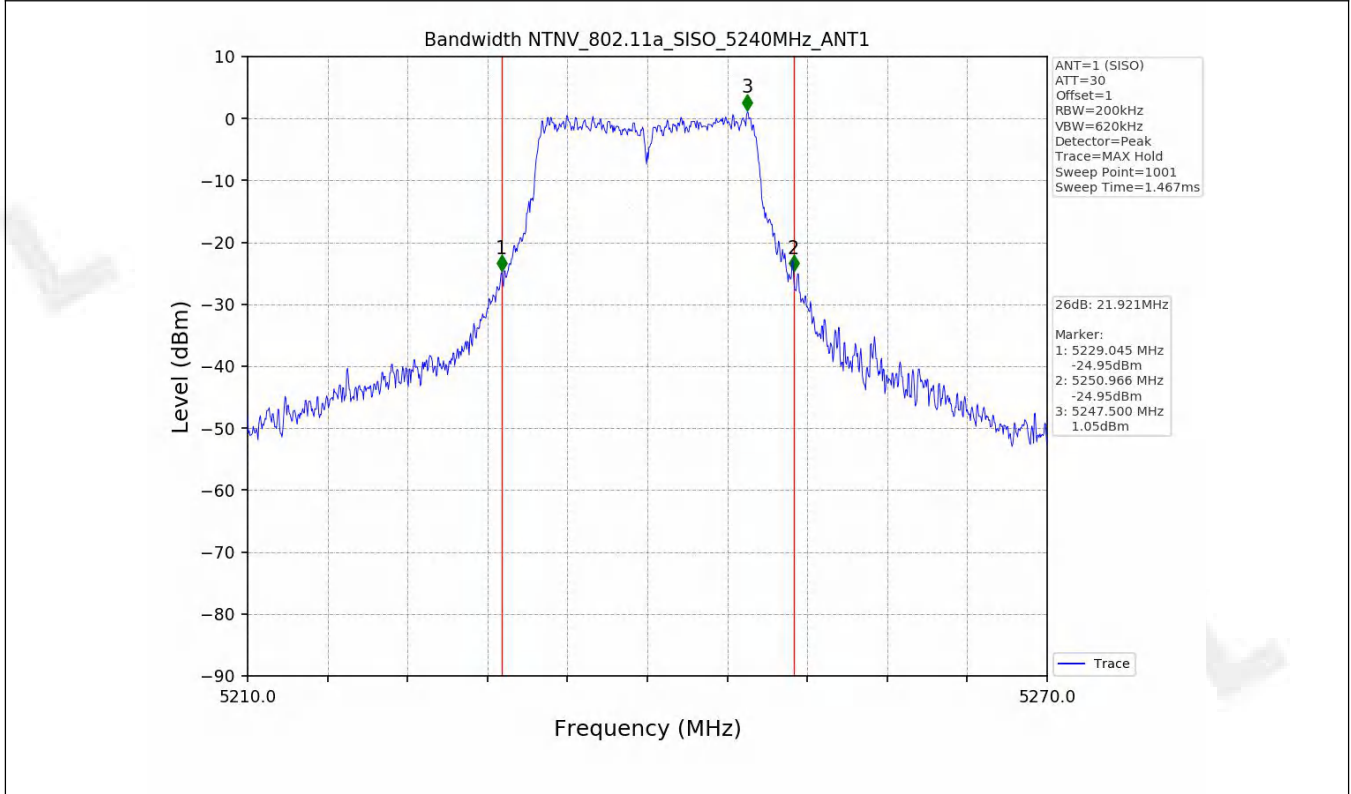
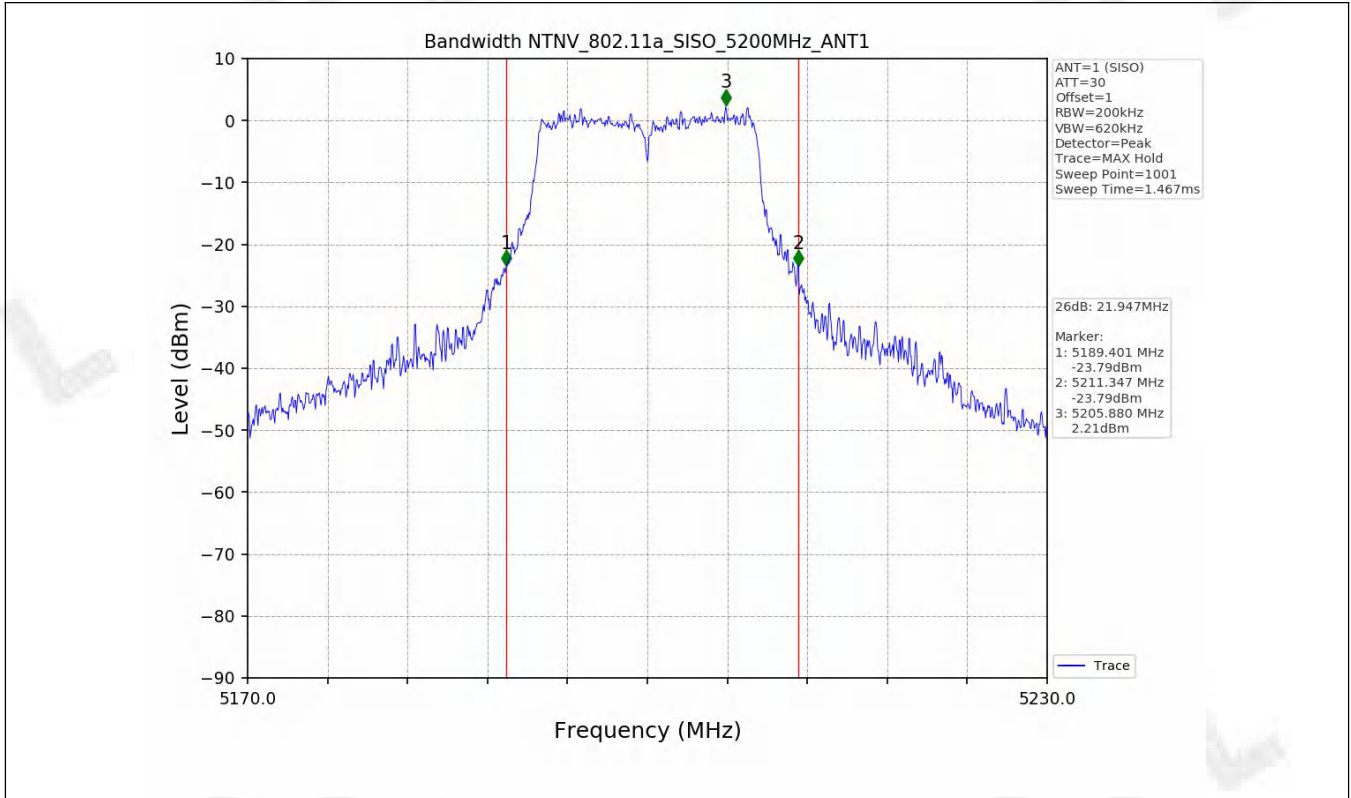
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	16.394	≥0.5	PASS
	5785	SISO	1	16.417	≥0.5	PASS
	5825	SISO	1	16.398	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	17.149	≥0.5	PASS
	5785	SISO	1	17.580	≥0.5	PASS
	5825	SISO	1	17.597	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.942	≥0.5	PASS
	5795	SISO	1	36.383	≥0.5	PASS

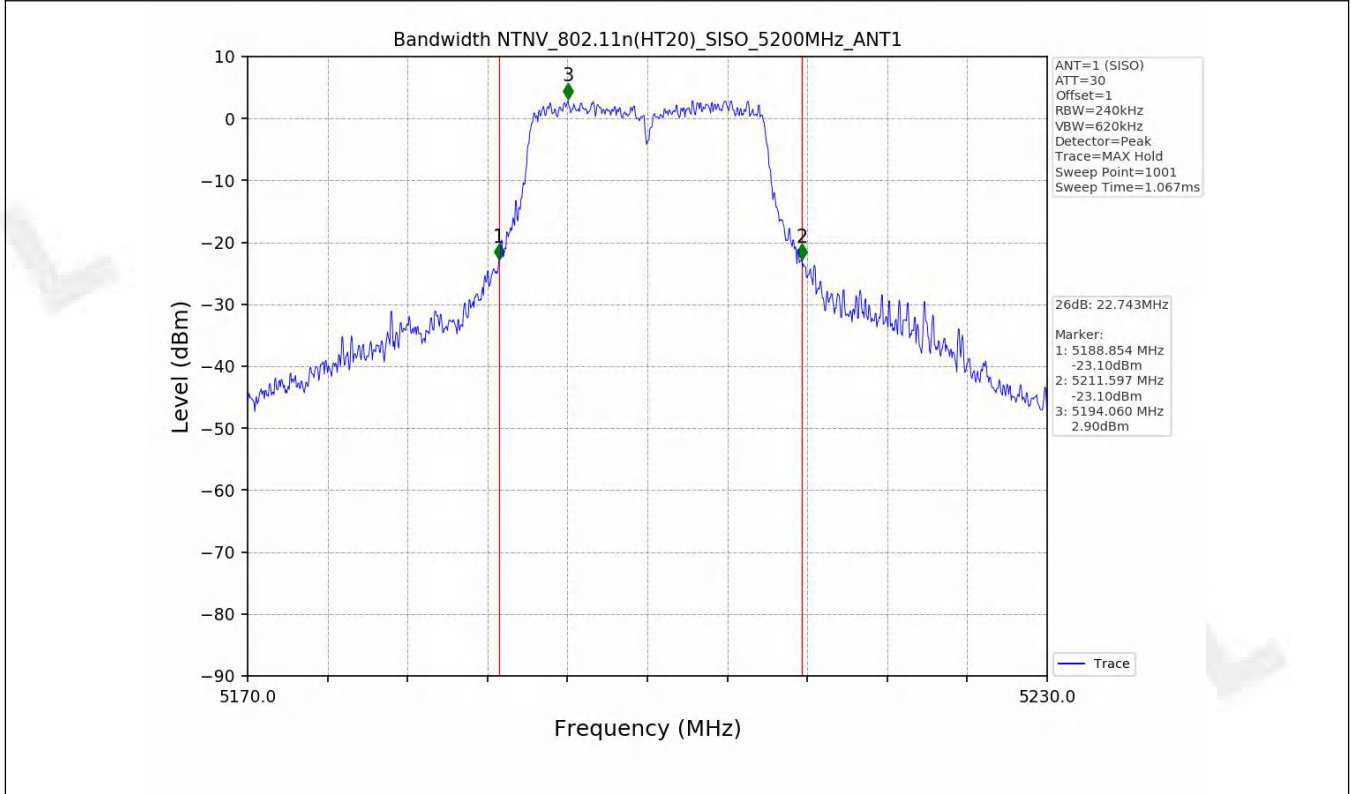
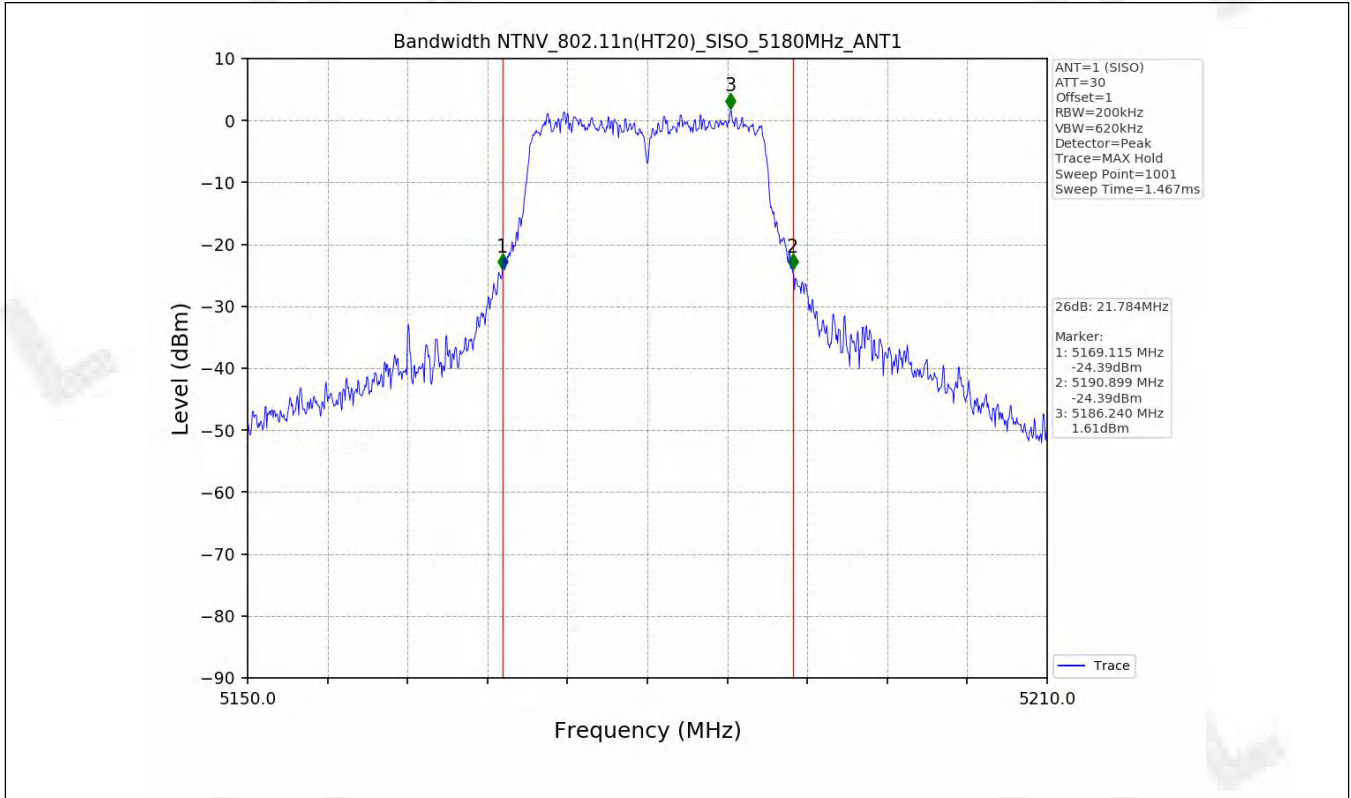
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	Only for Report Use
802.11a	5180	SISO	1	16.987	Only for Report Use
	5200	SISO	1	16.962	Only for Report Use
	5240	SISO	1	16.930	Only for Report Use
	5745	SISO	1	21.185	Only for Report Use
	5785	SISO	1	22.086	Only for Report Use
	5825	SISO	1	19.133	Only for Report Use
802.11n(HT20)	5180	SISO	1	18.053	Only for Report Use
	5200	SISO	1	18.040	Only for Report Use
	5240	SISO	1	18.001	Only for Report Use
	5745	SISO	1	24.168	Only for Report Use
	5785	SISO	1	25.156	Only for Report Use
	5825	SISO	1	21.388	Only for Report Use
802.11n(HT40)	5190	SISO	1	37.206	Only for Report Use
	5230	SISO	1	37.365	Only for Report Use
	5755	SISO	1	48.371	Only for Report Use

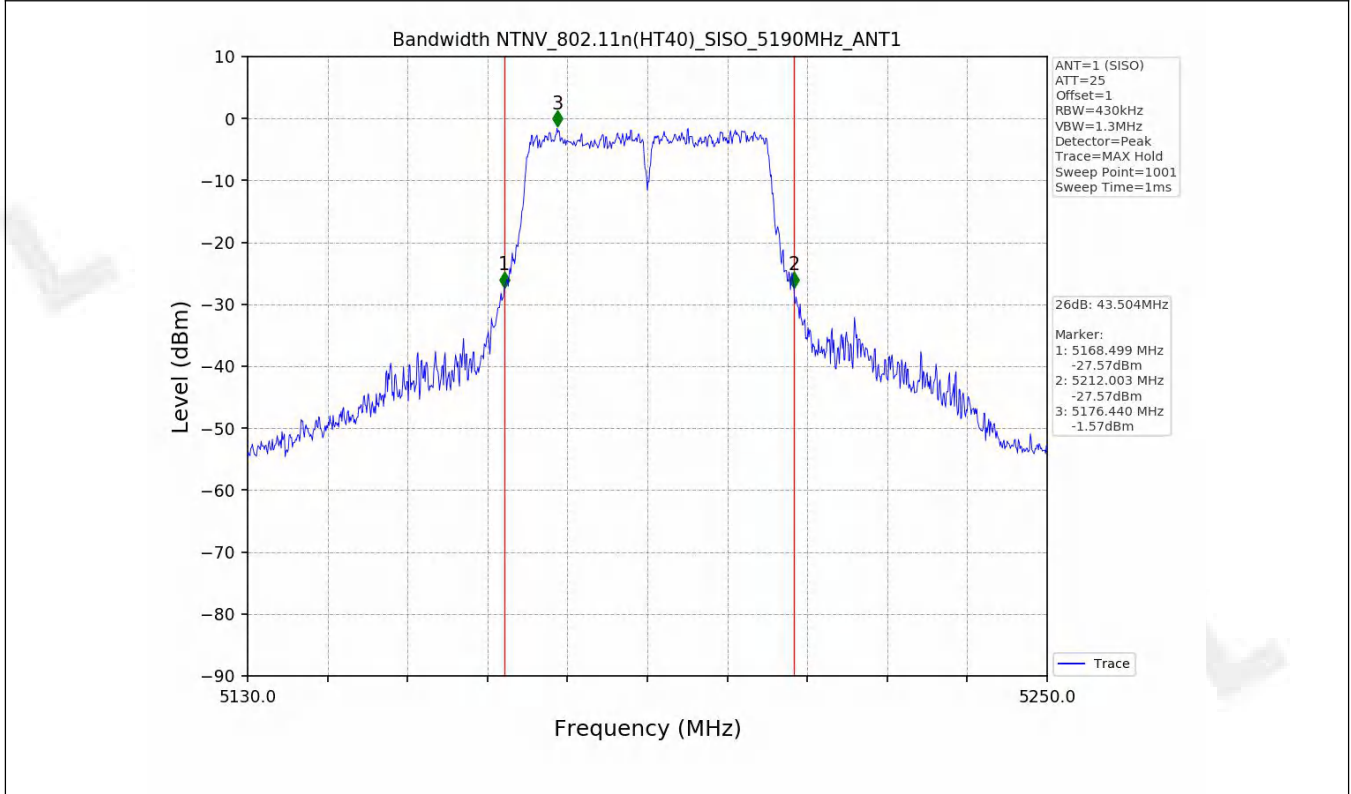
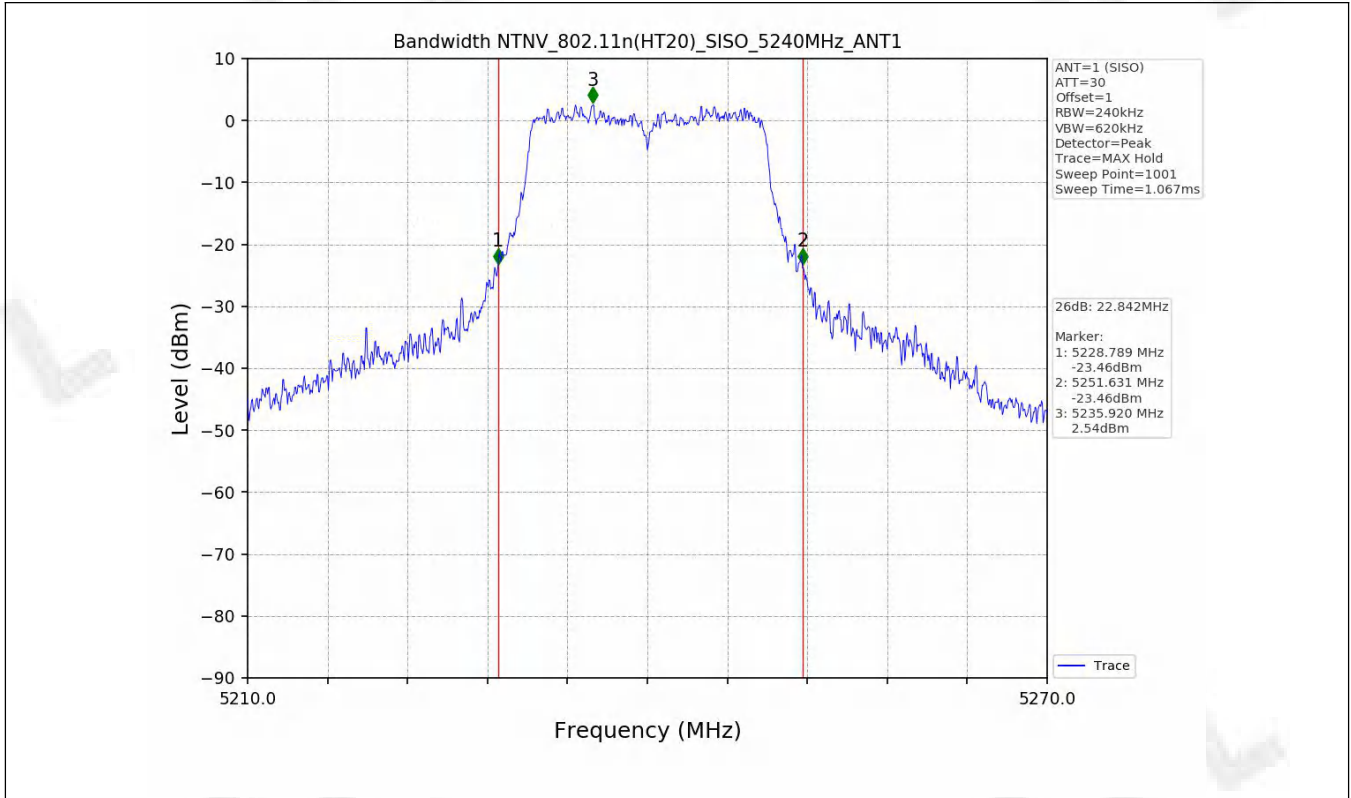
	5795	SISO	1	49.268	Only for Report Use
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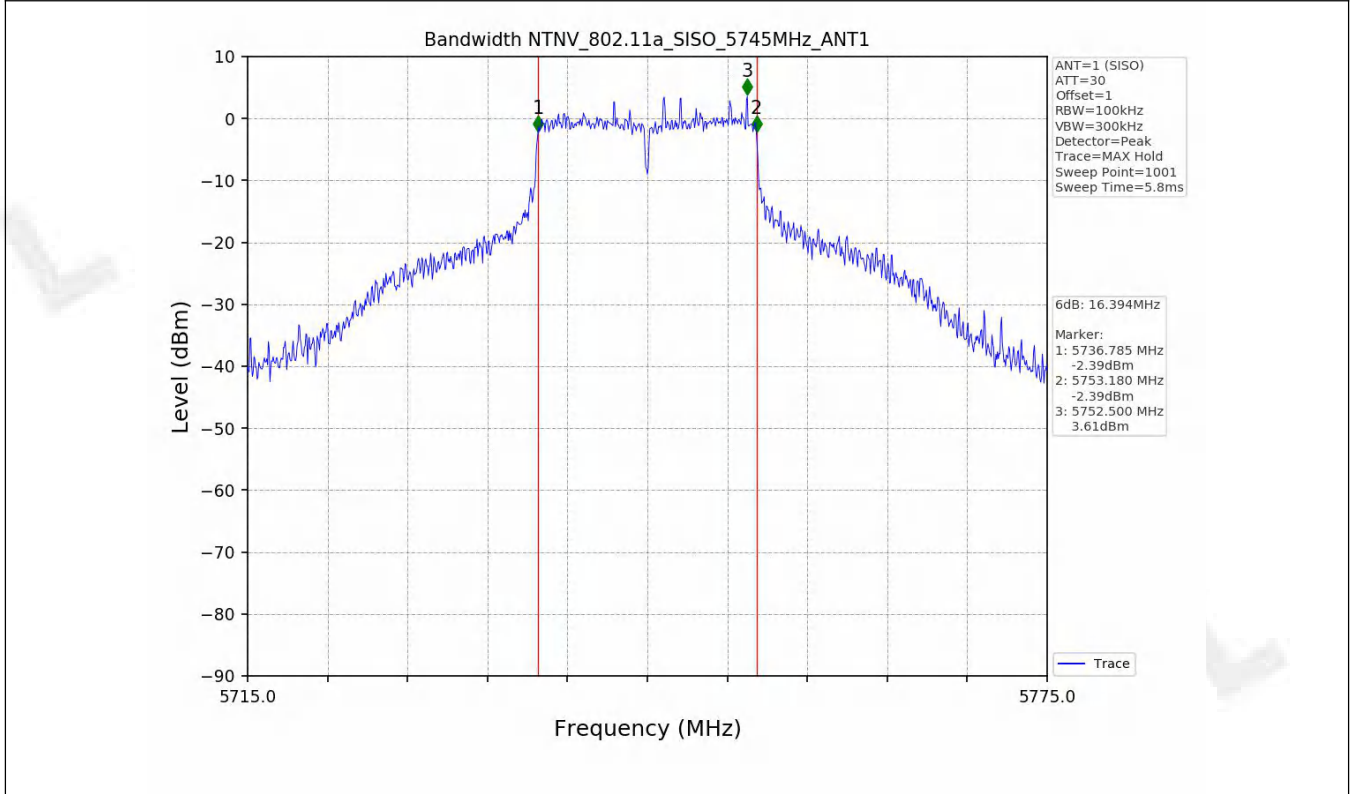
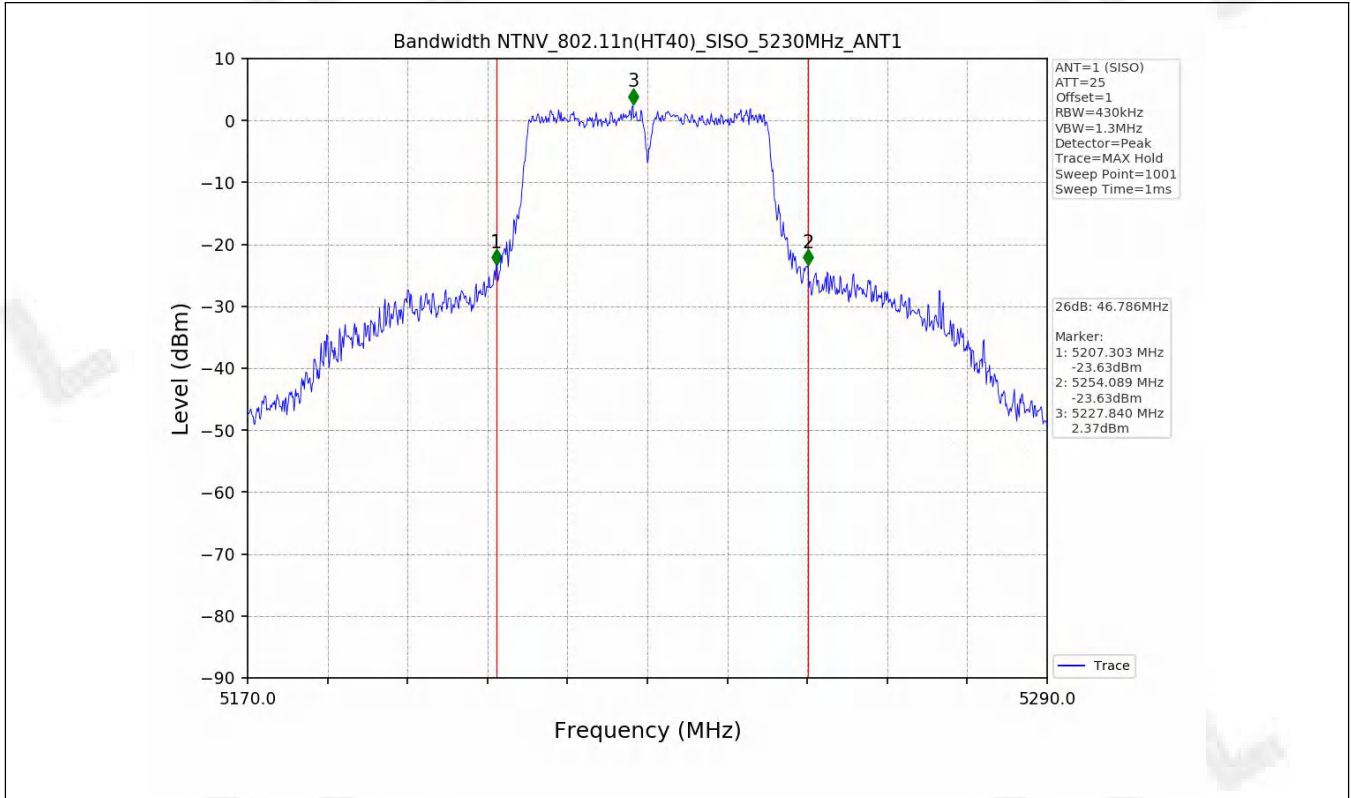
1.2 Test Graph - Emission Bandwidth

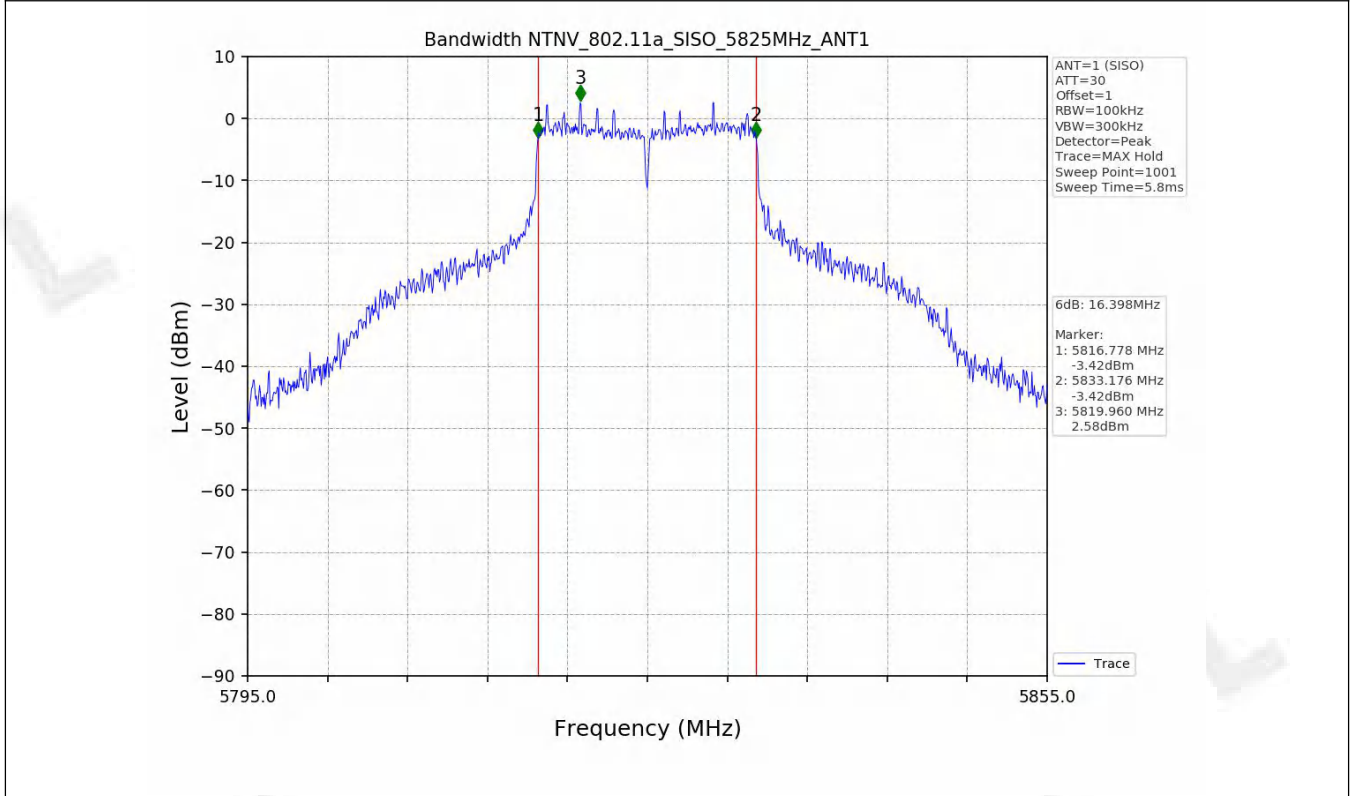
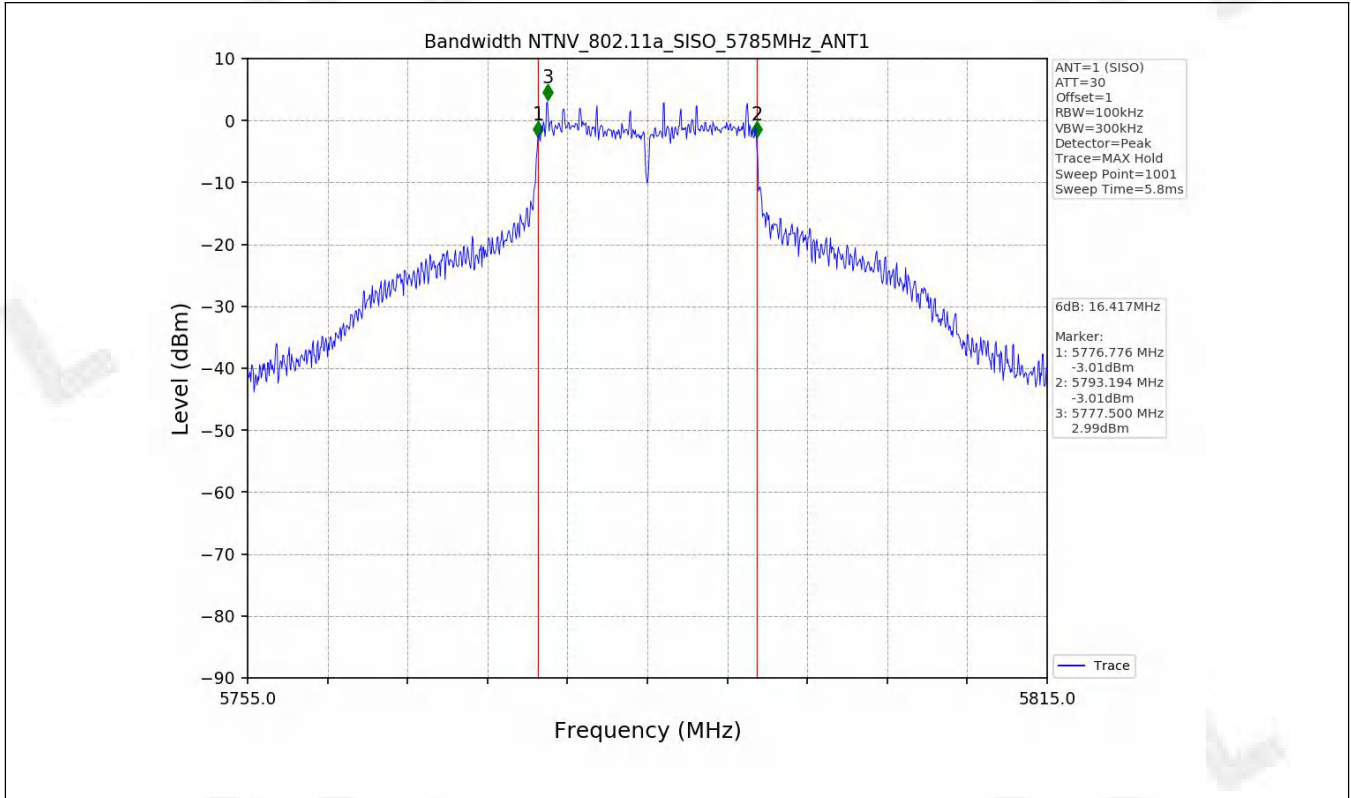


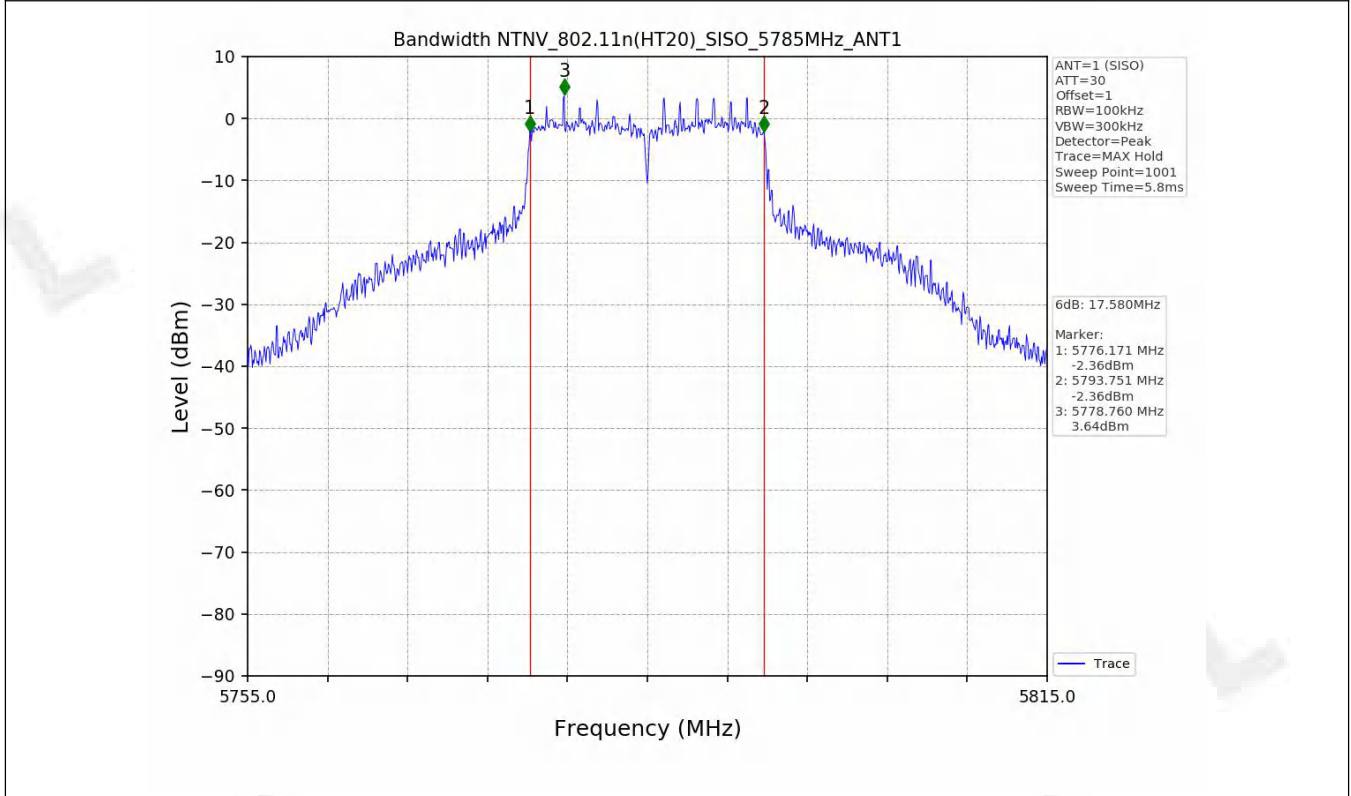
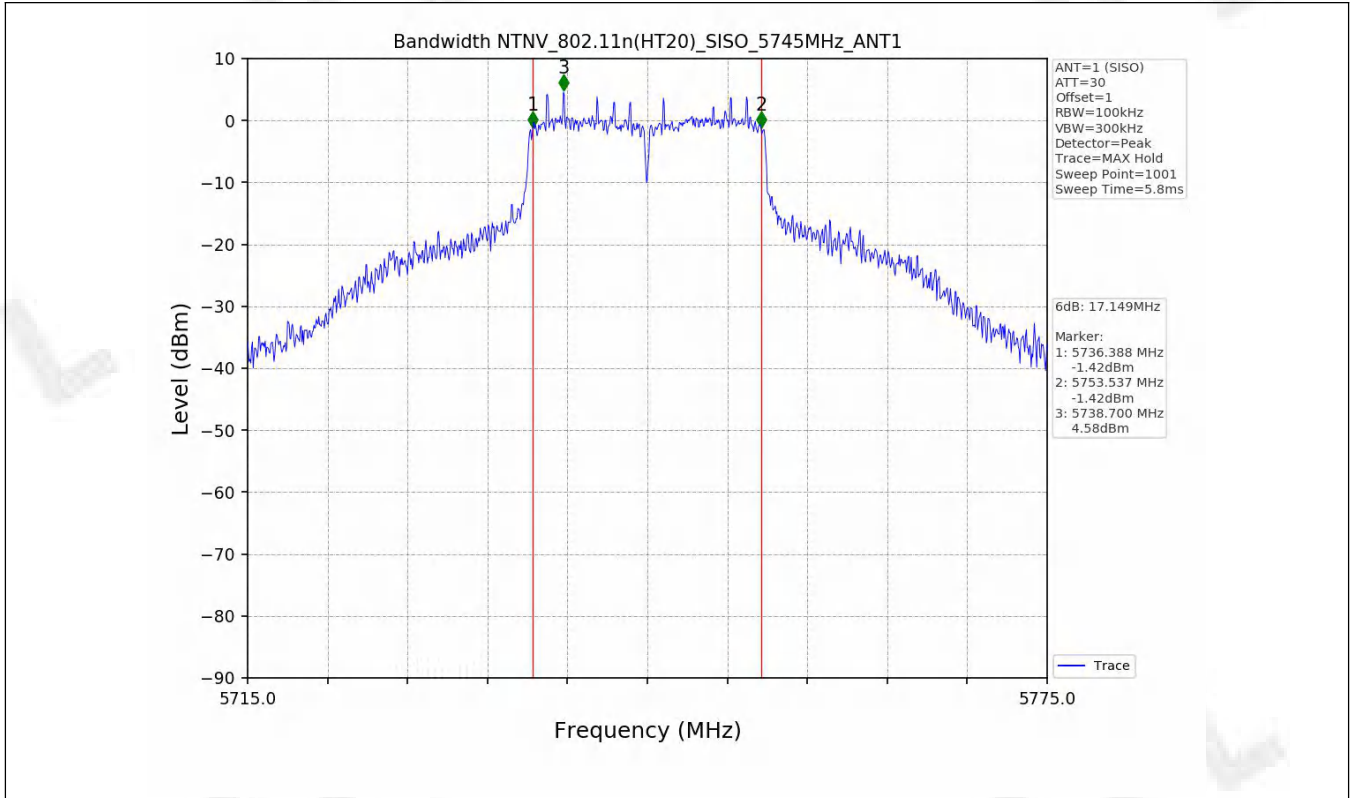


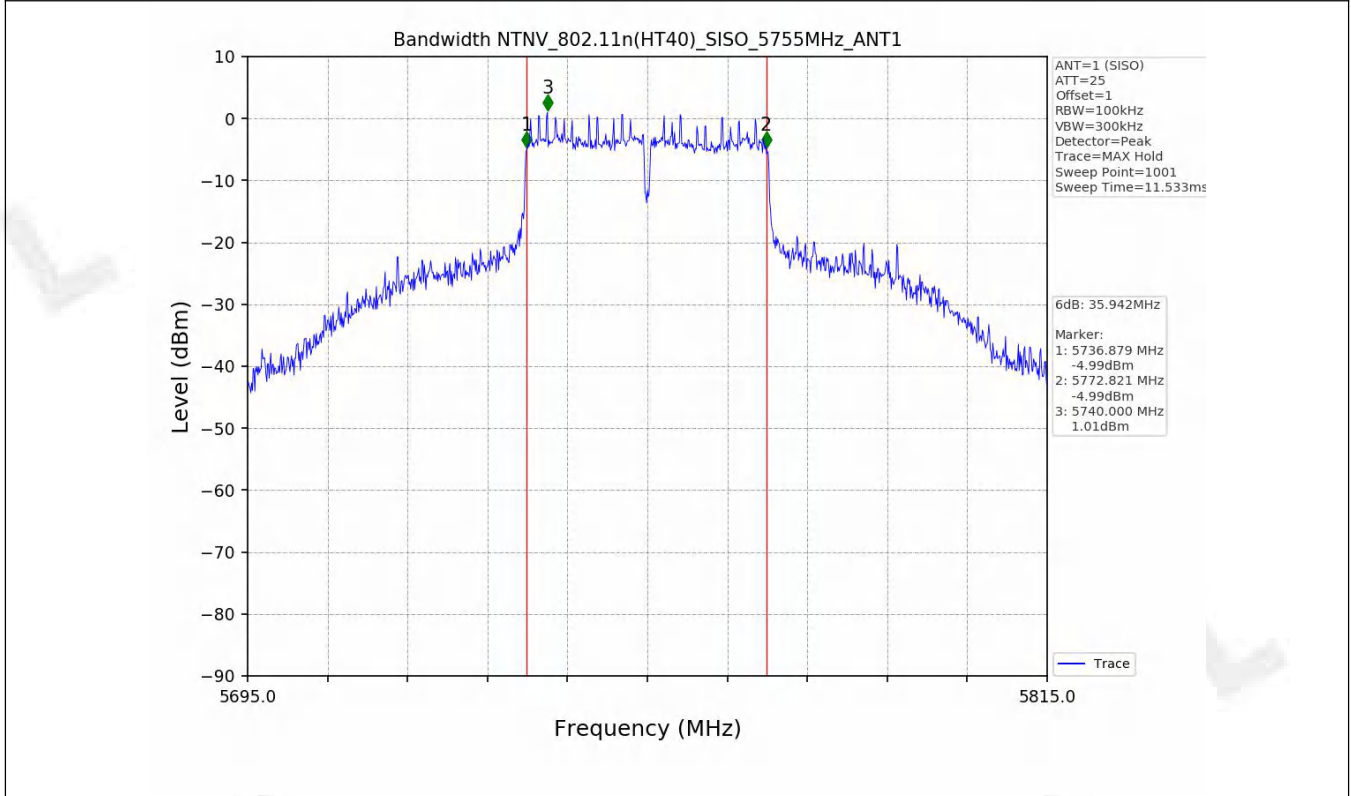
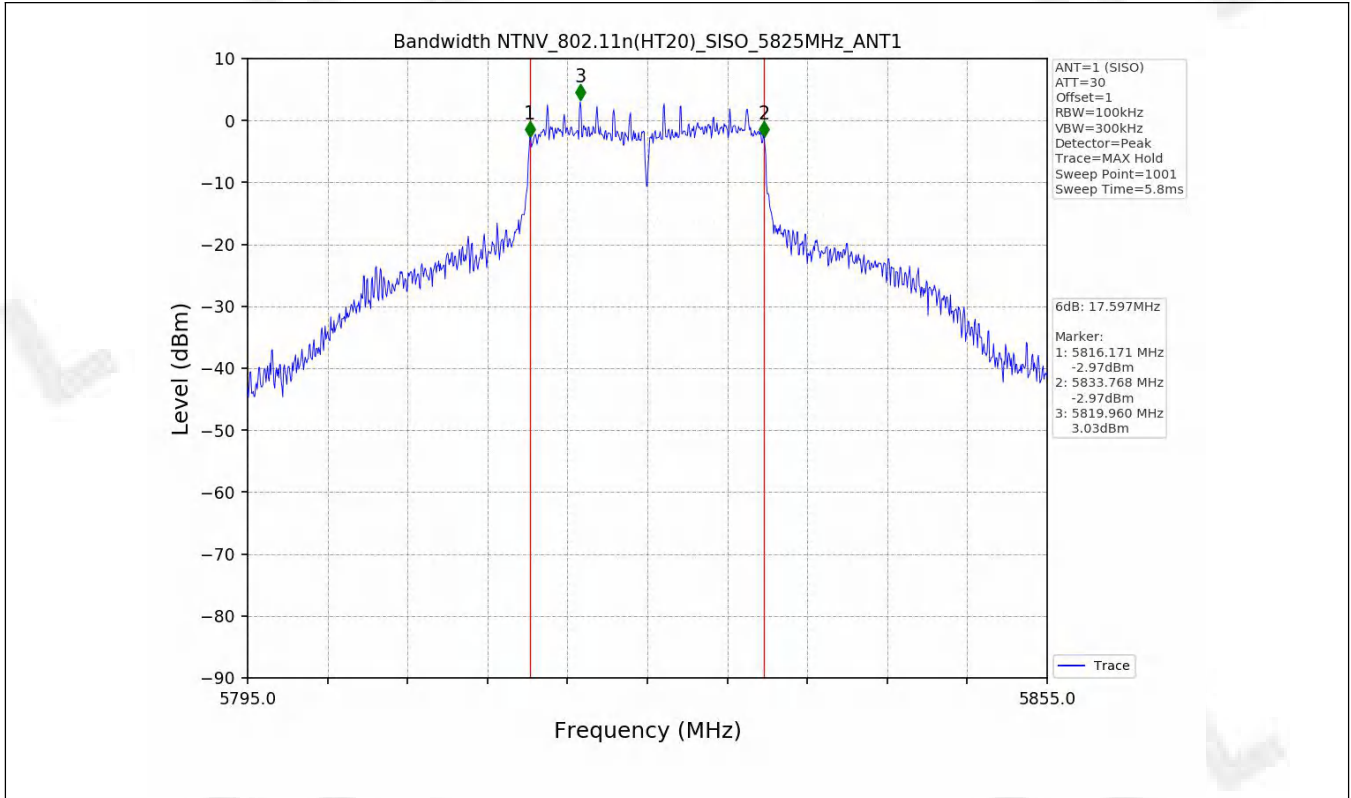


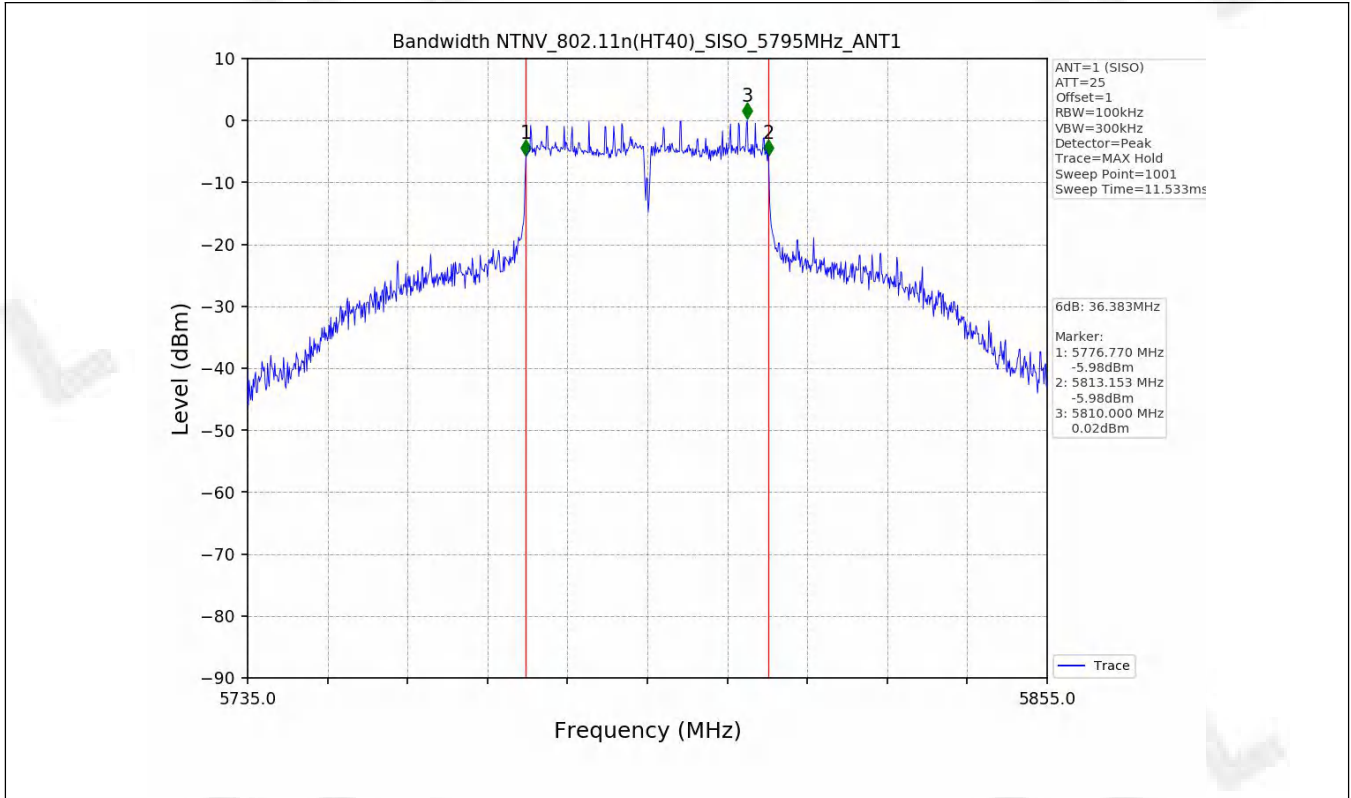




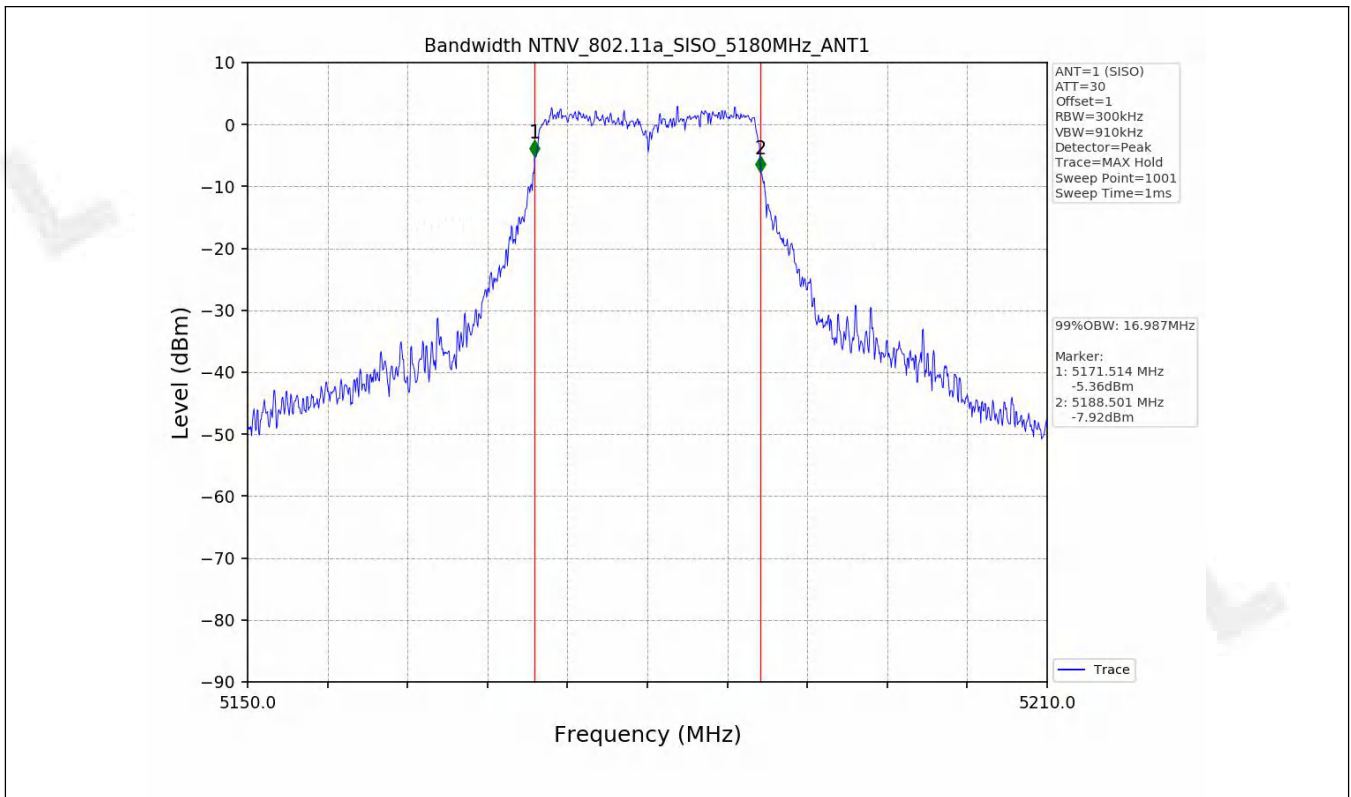


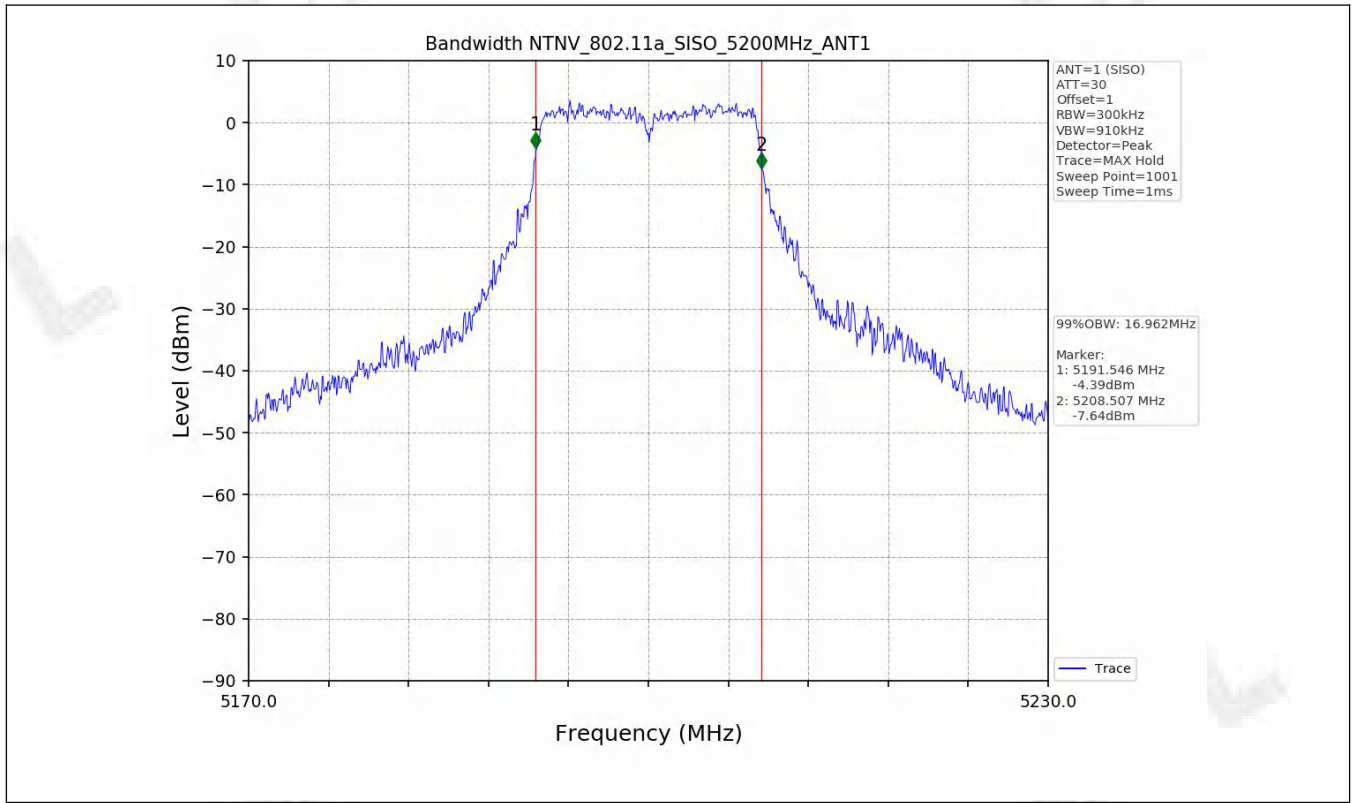


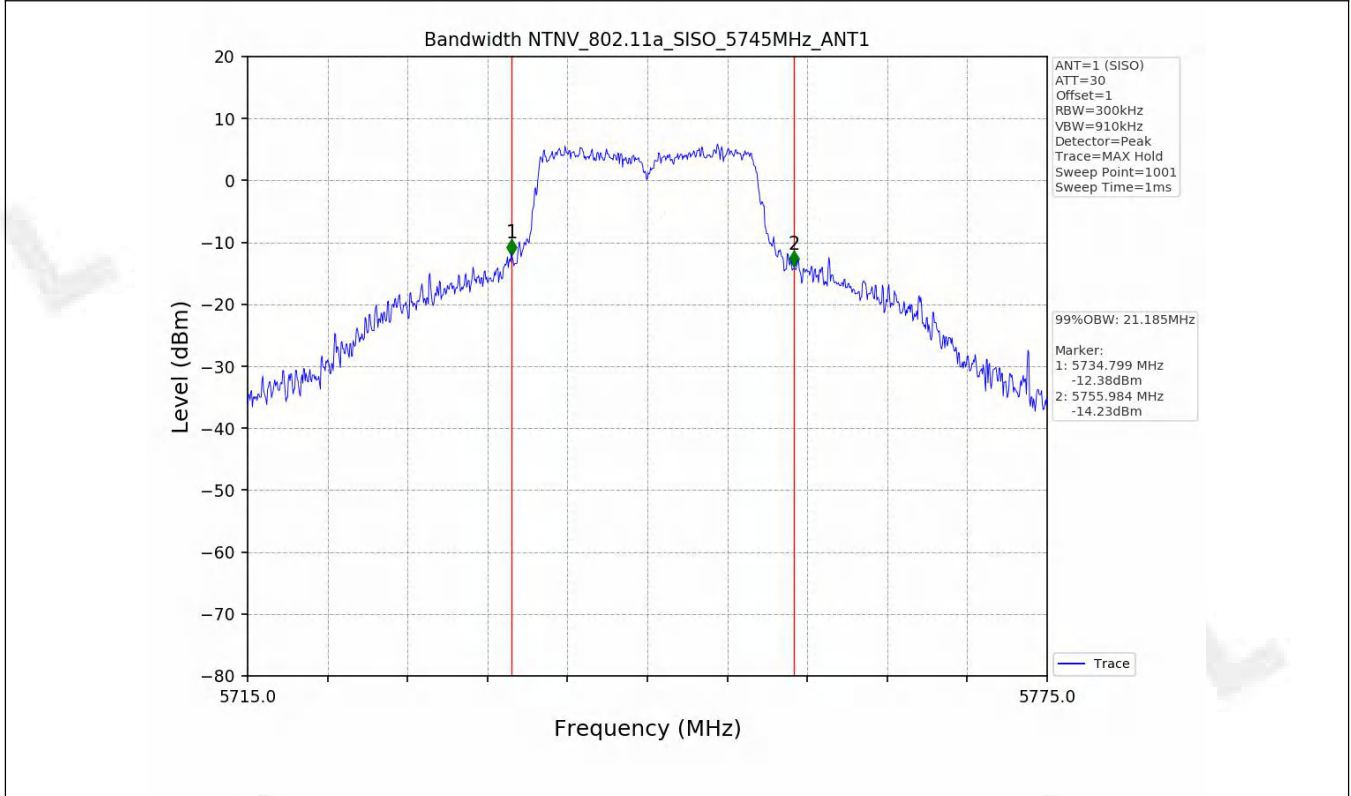
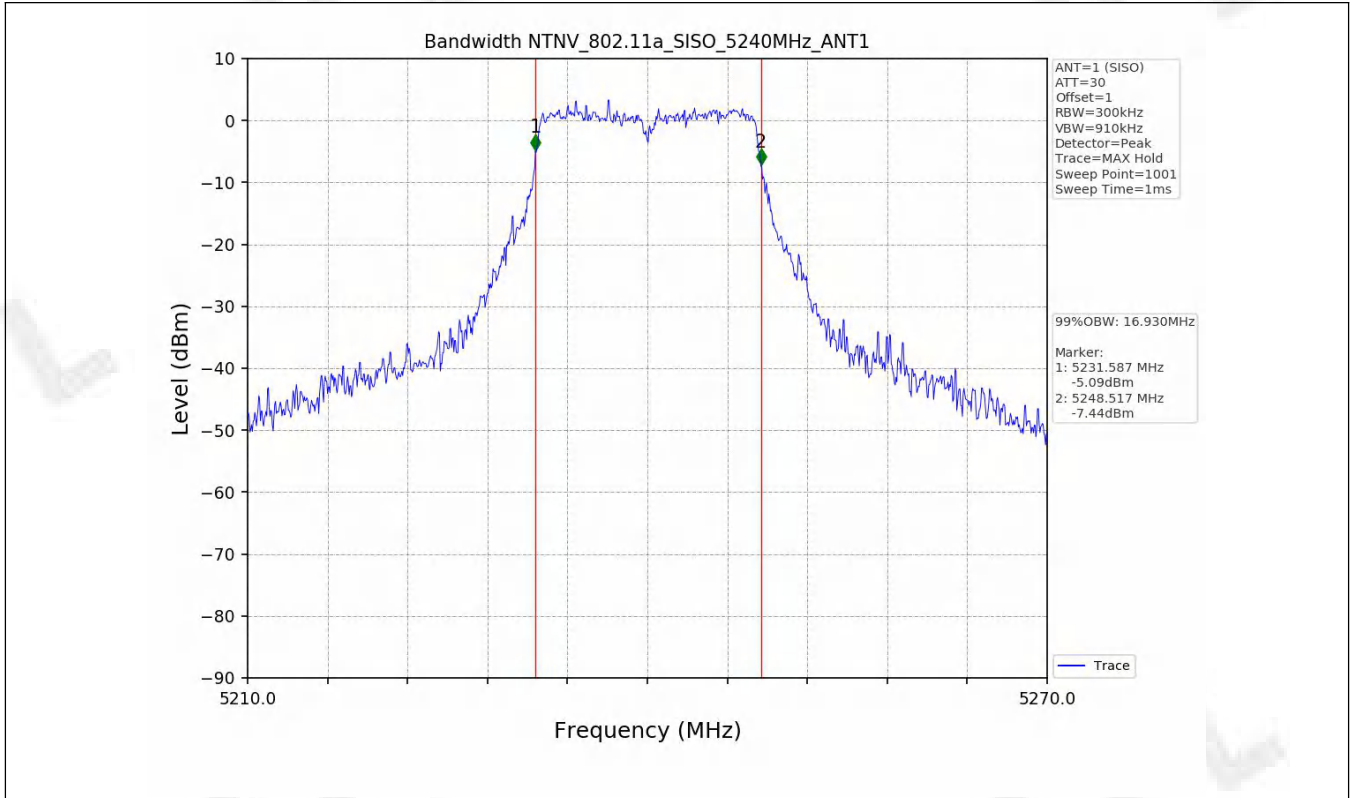


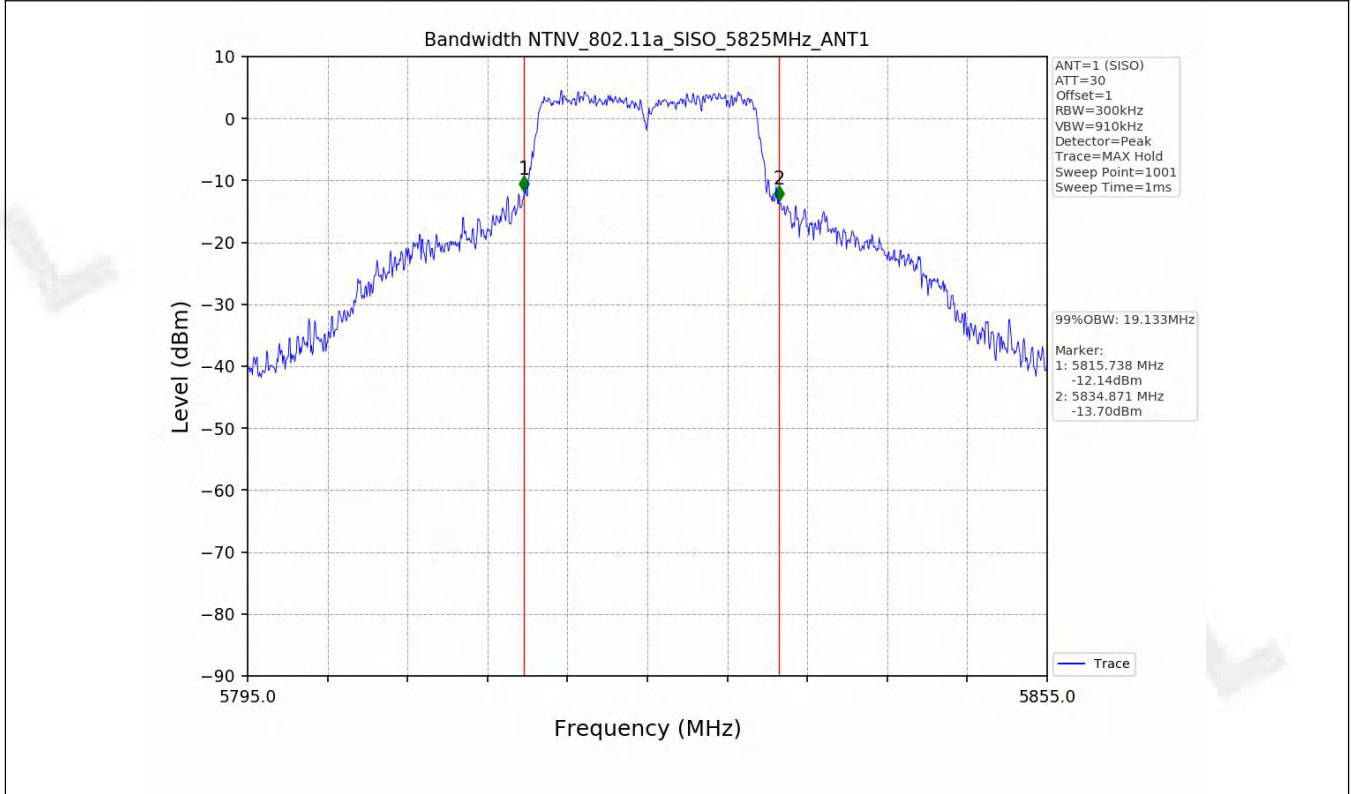
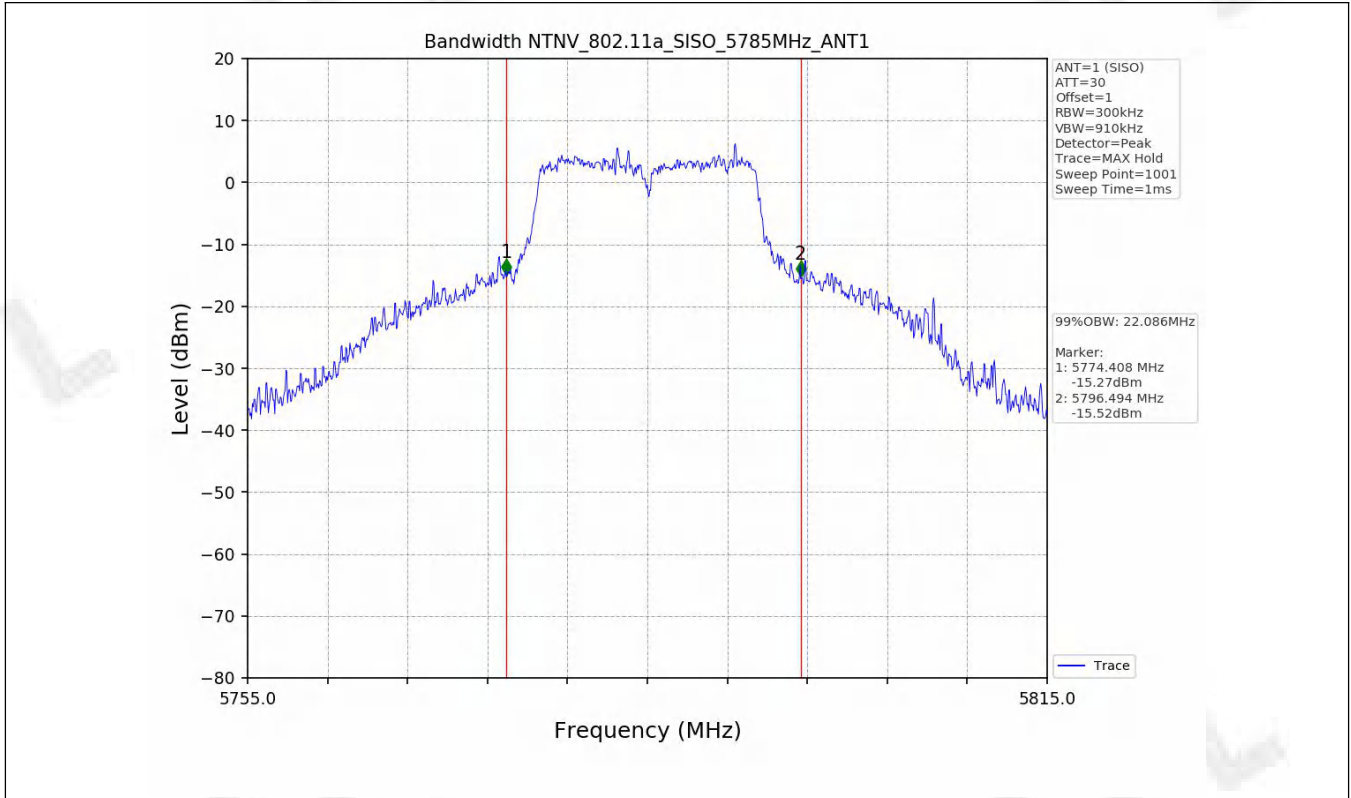


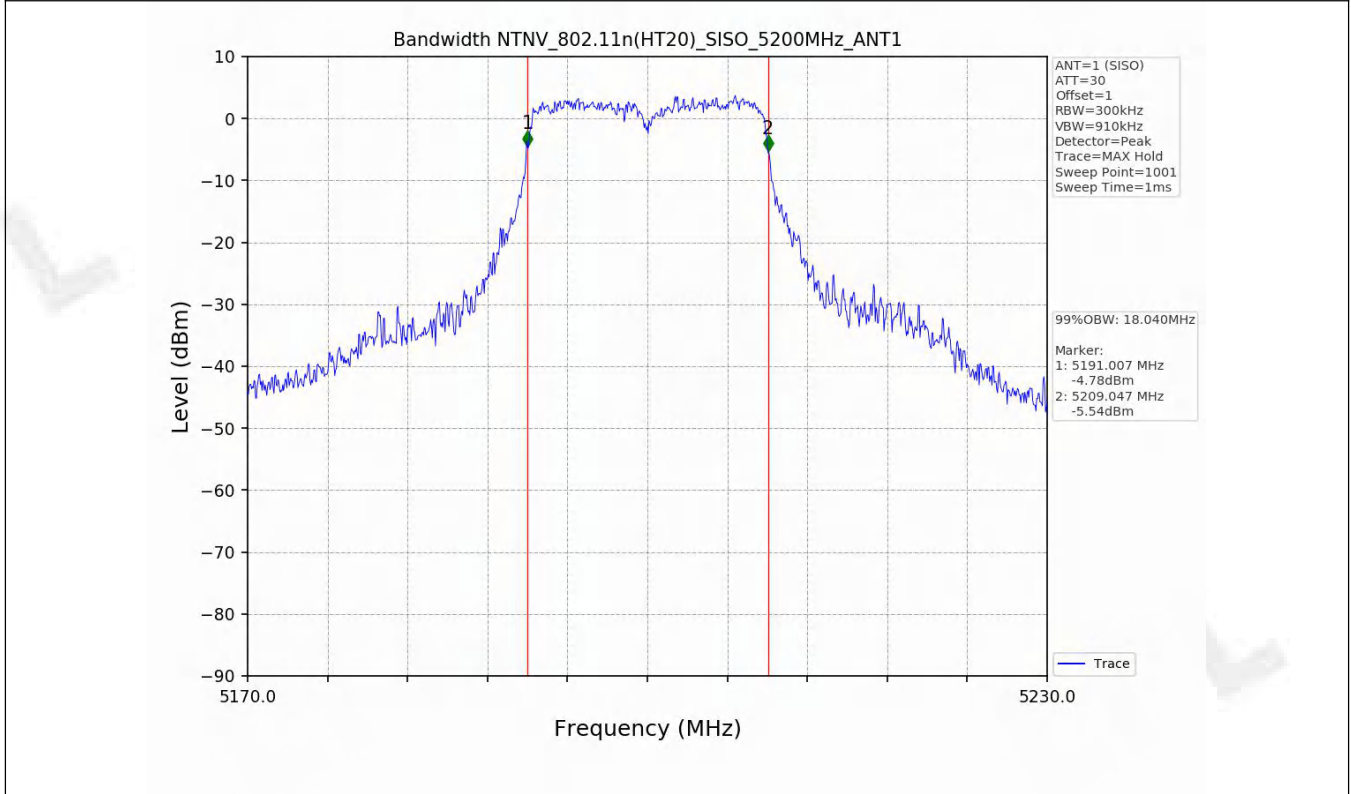
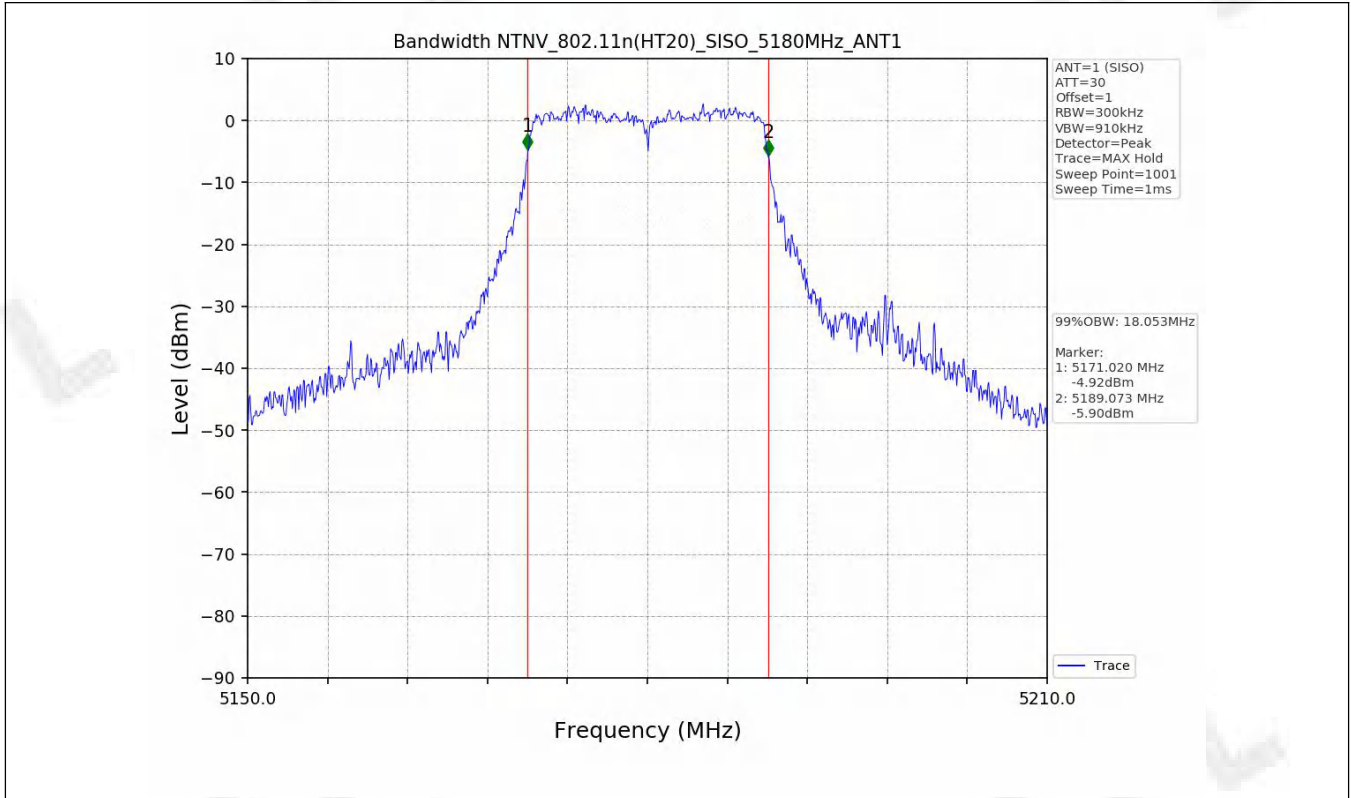
1.3 Test Graph - 99% Occupied Bandwidth

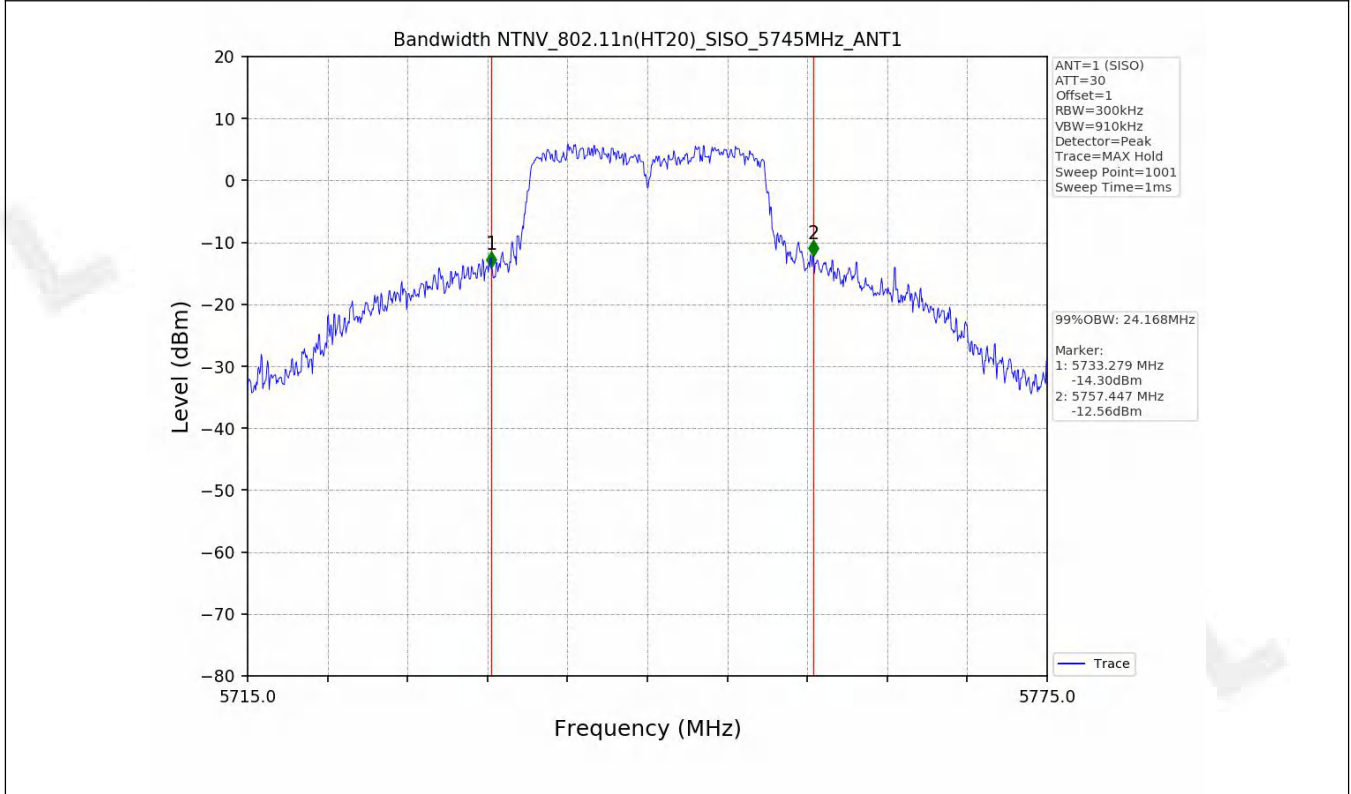
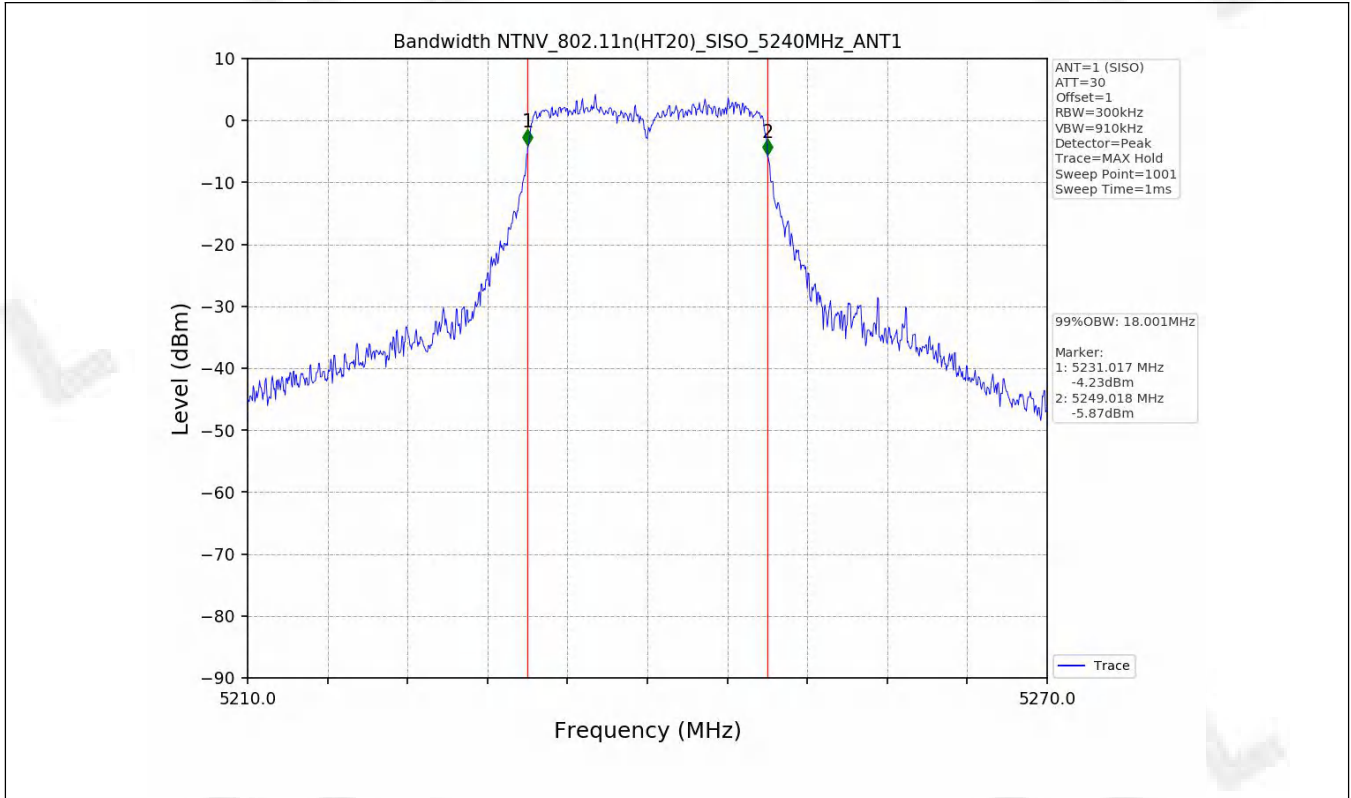


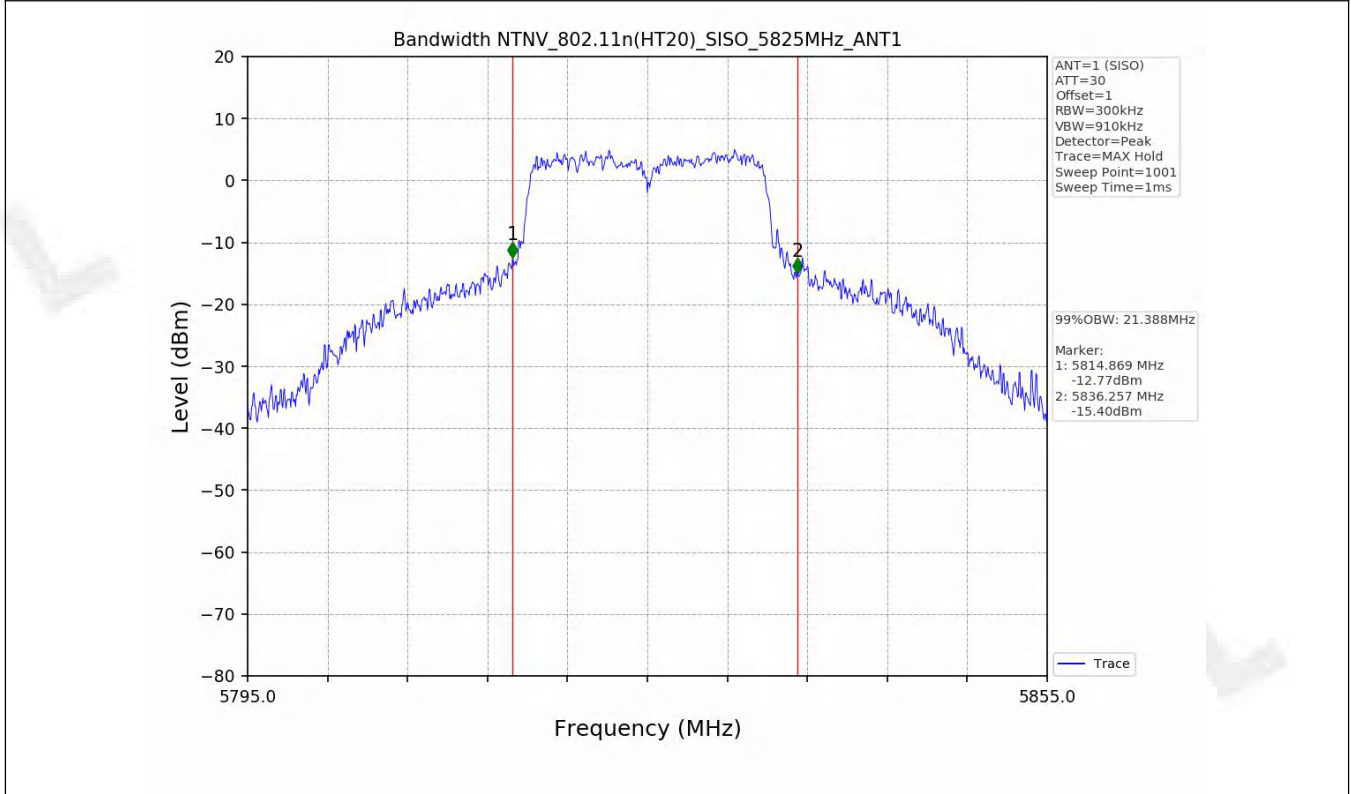
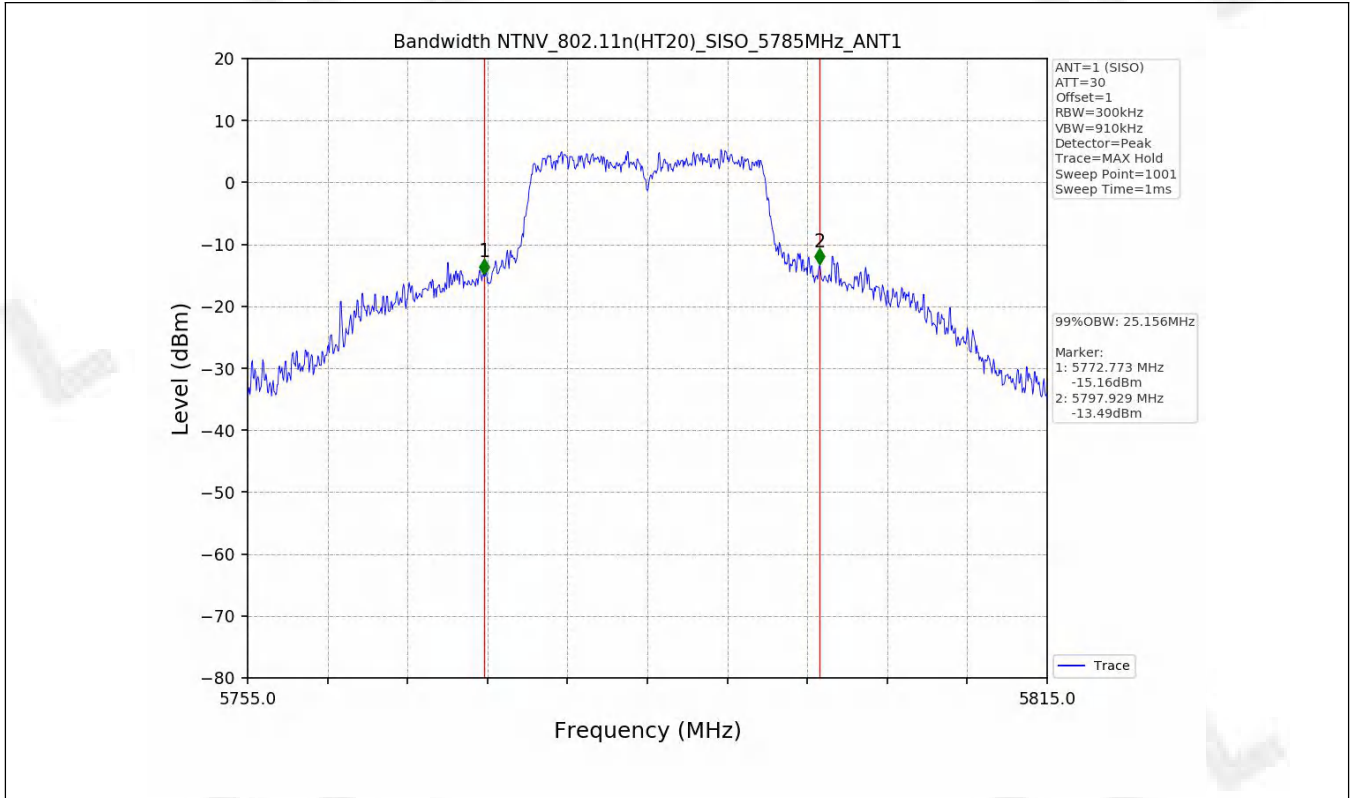


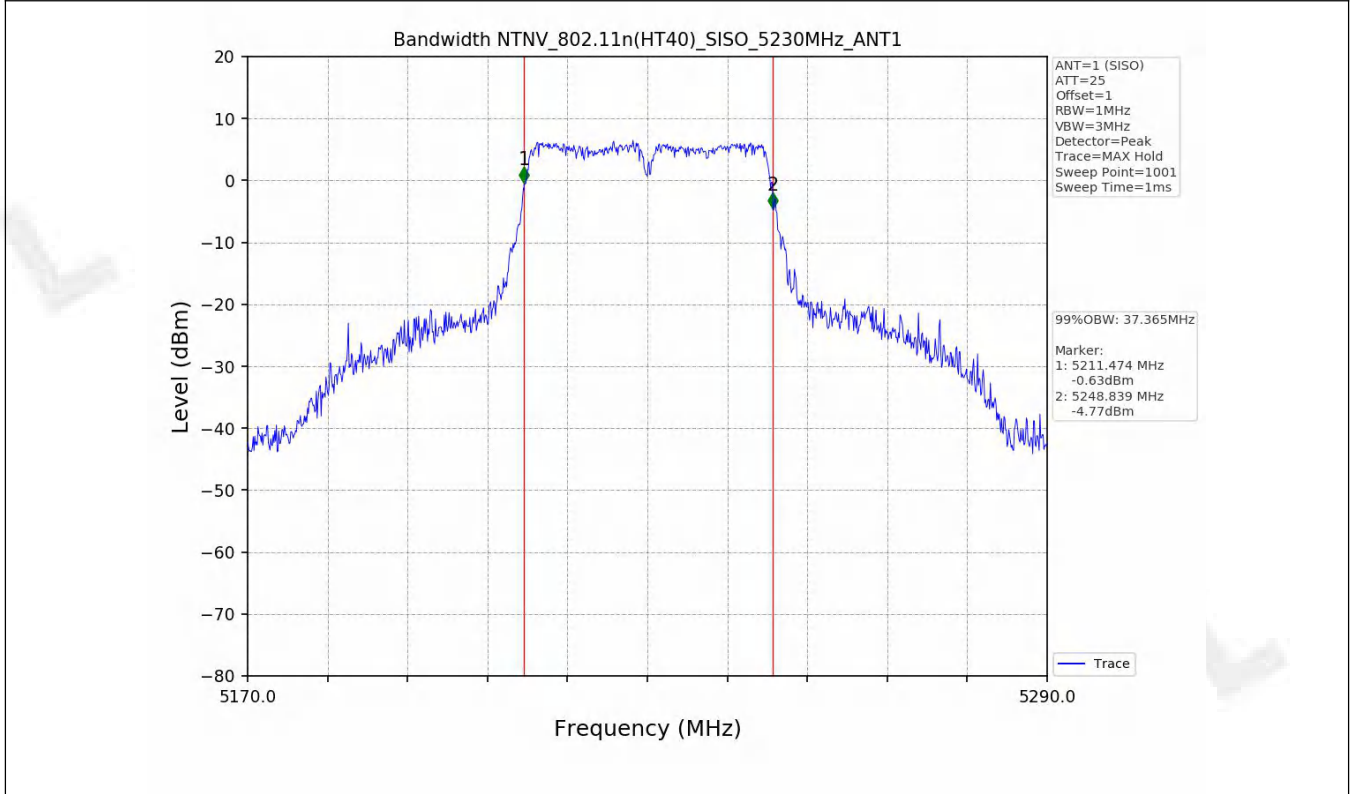
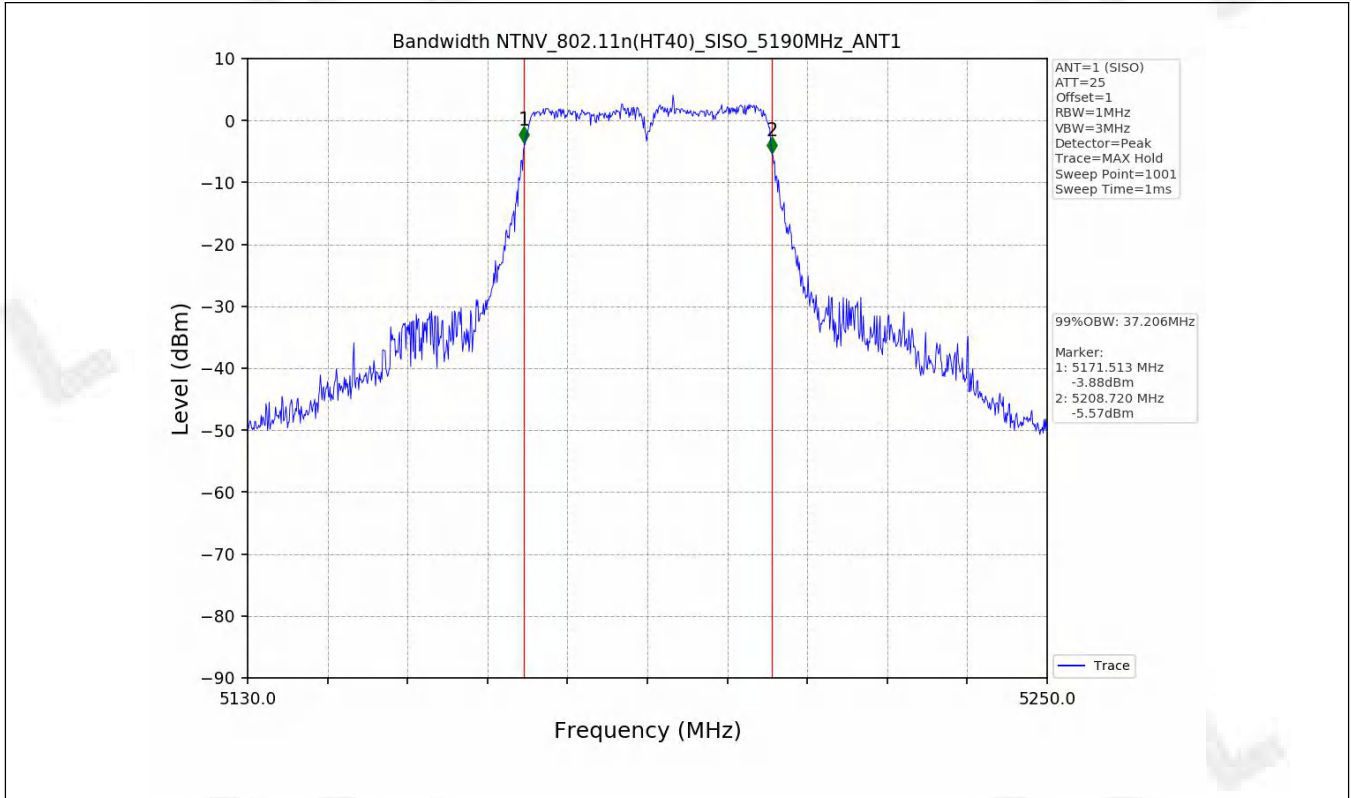


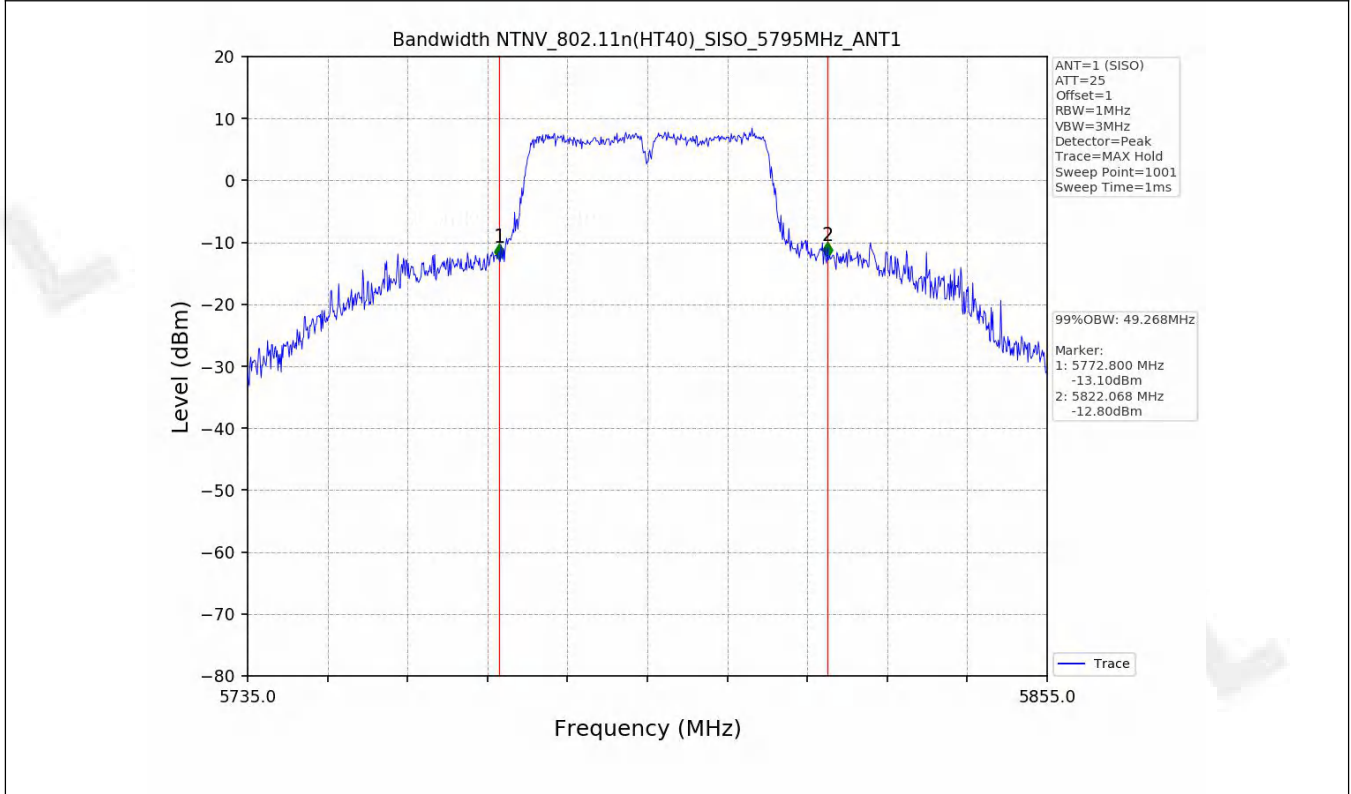
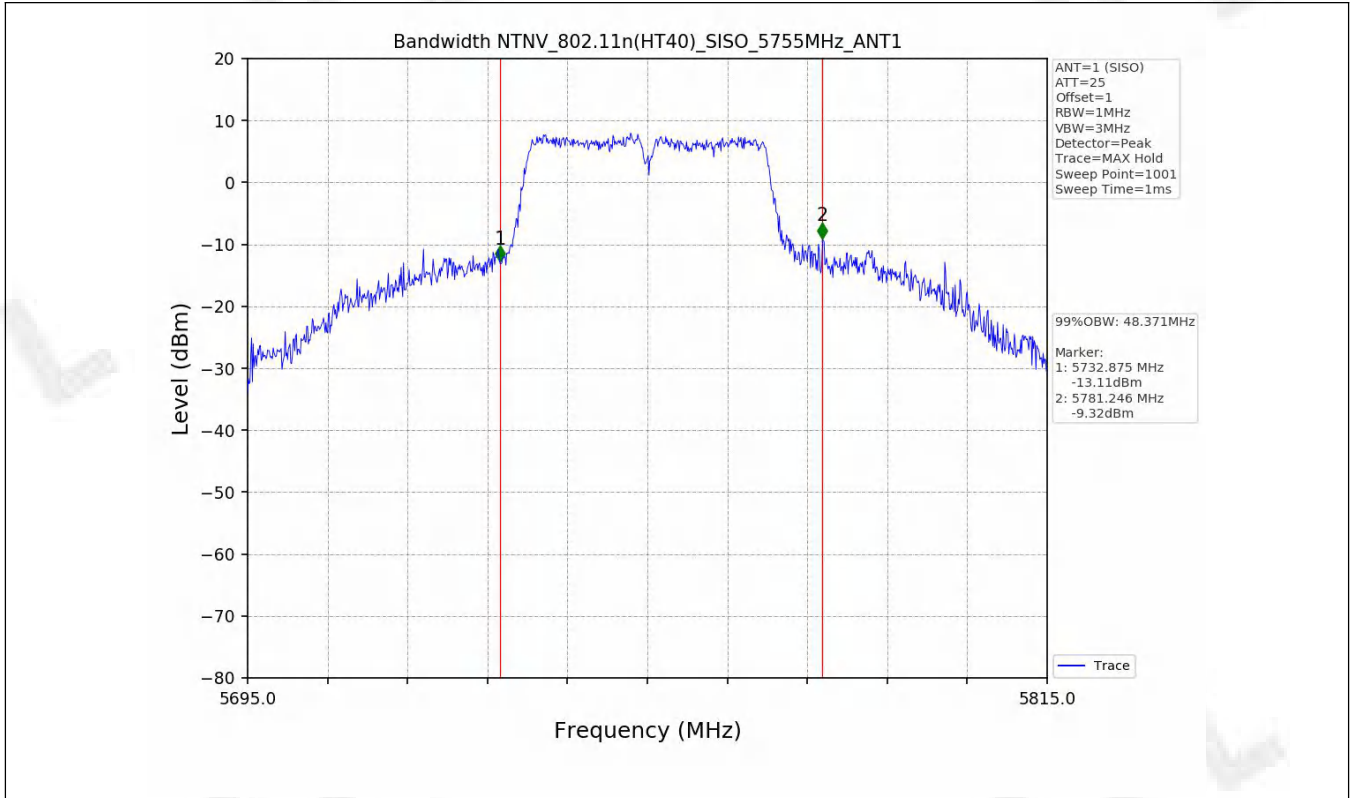










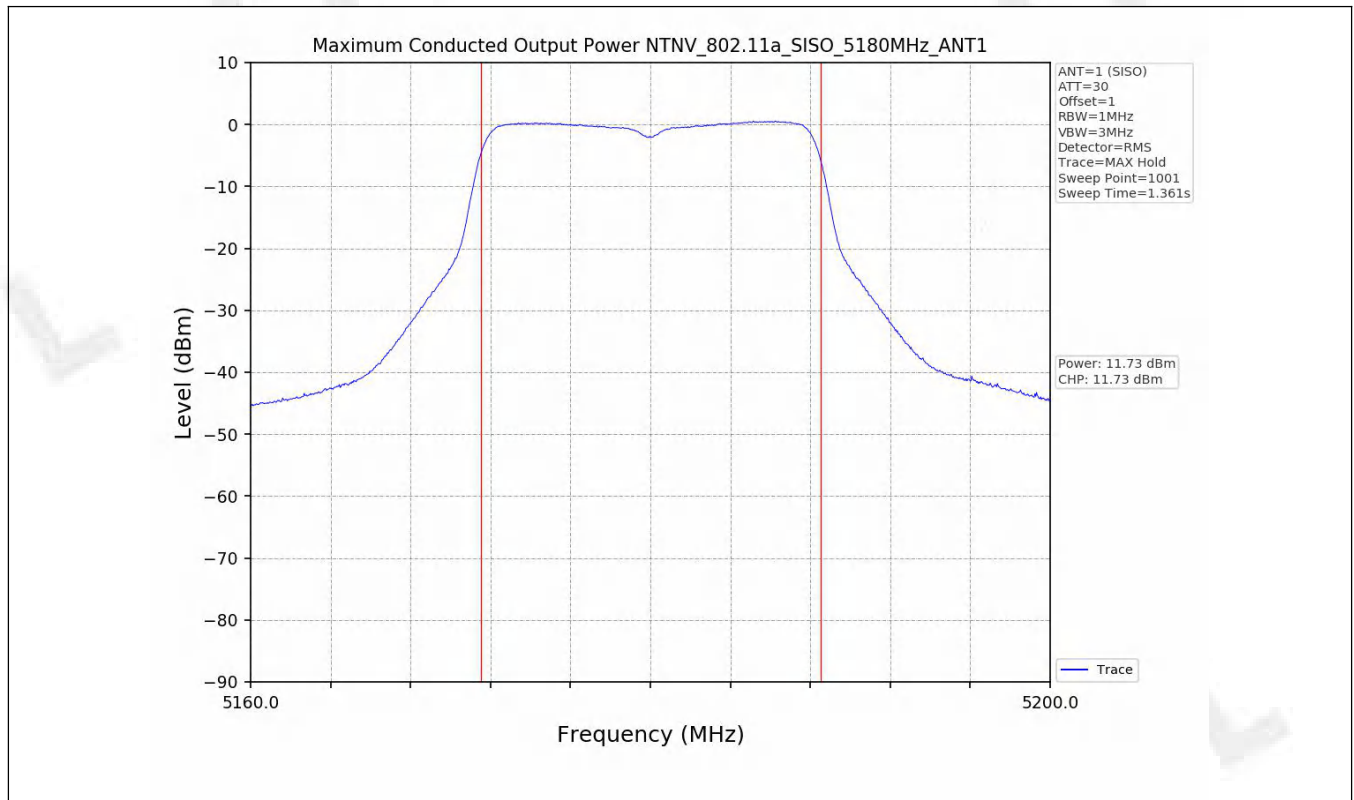


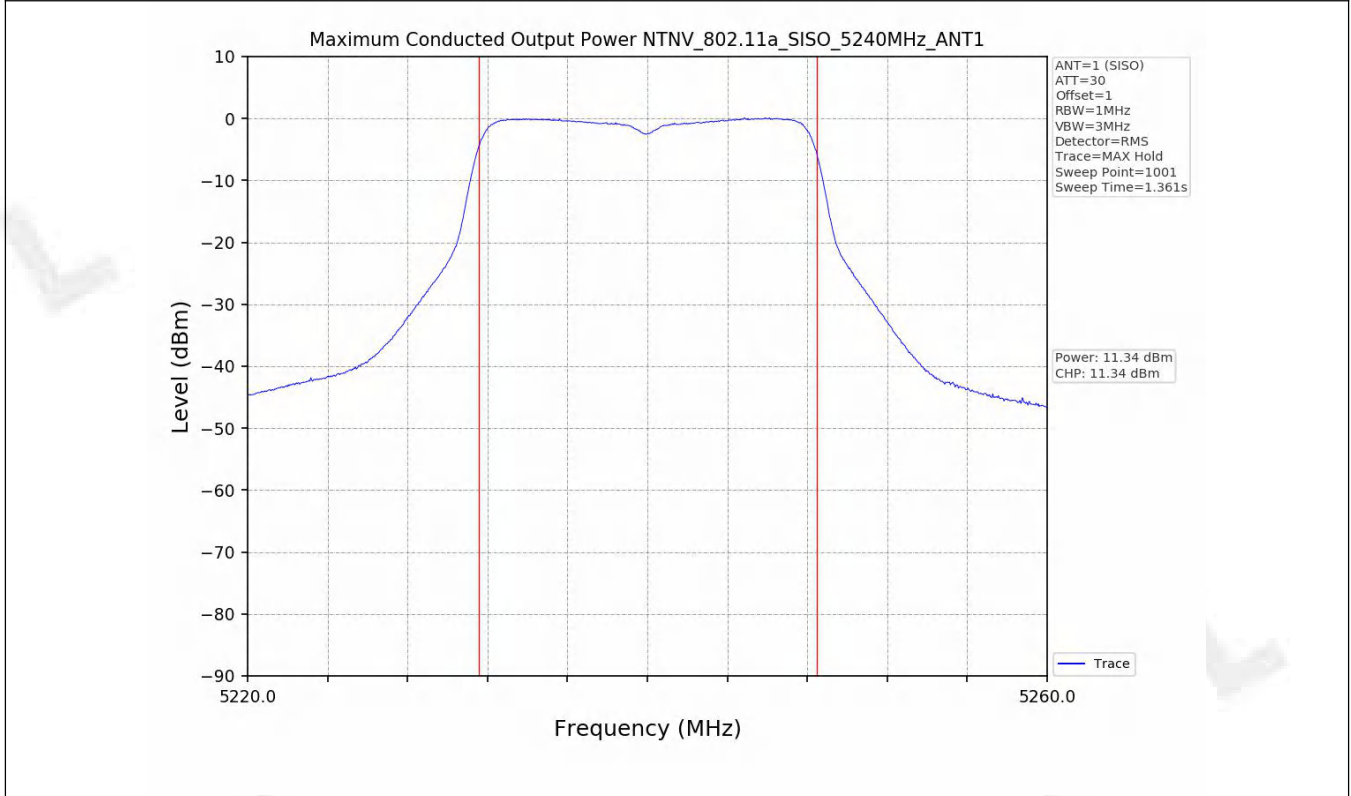
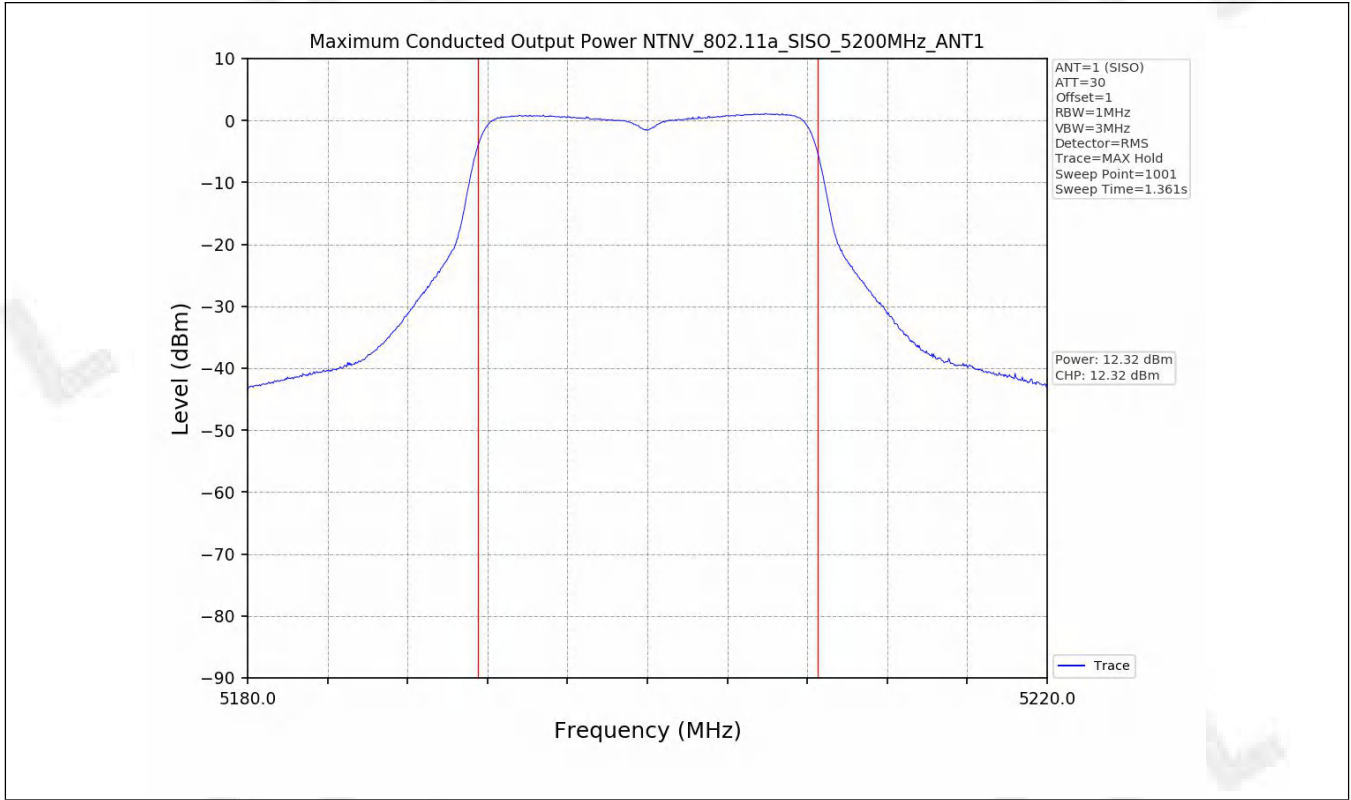
2. Maximum Conducted Output Power

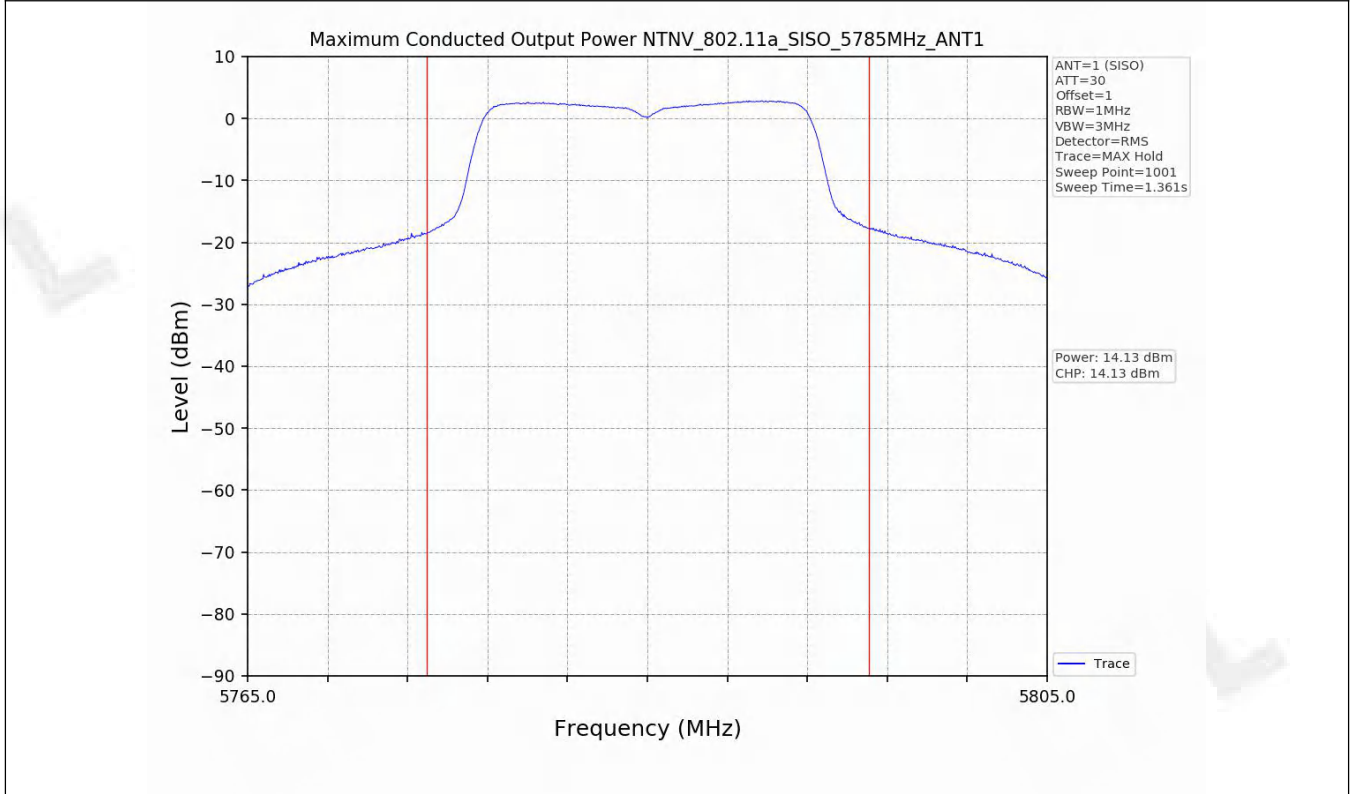
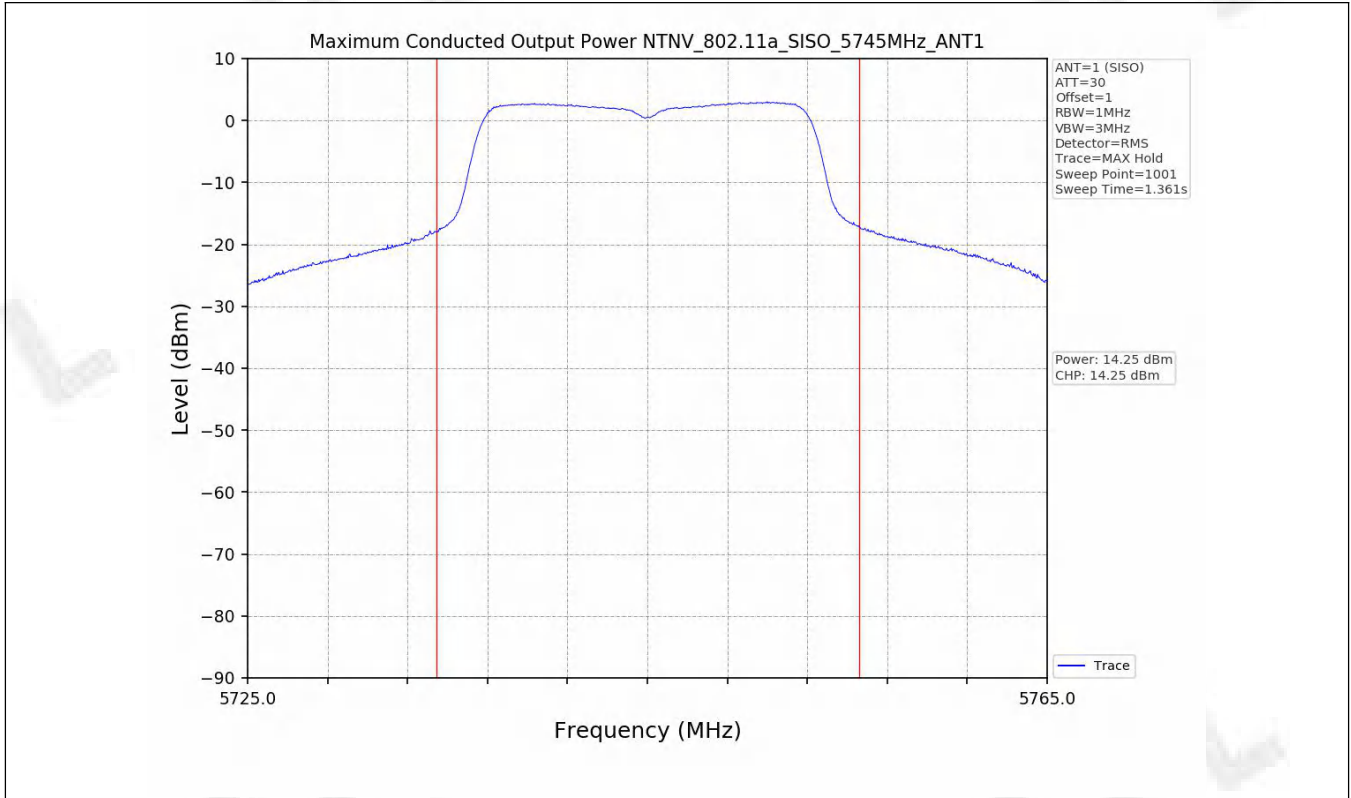
2.1 Test Result

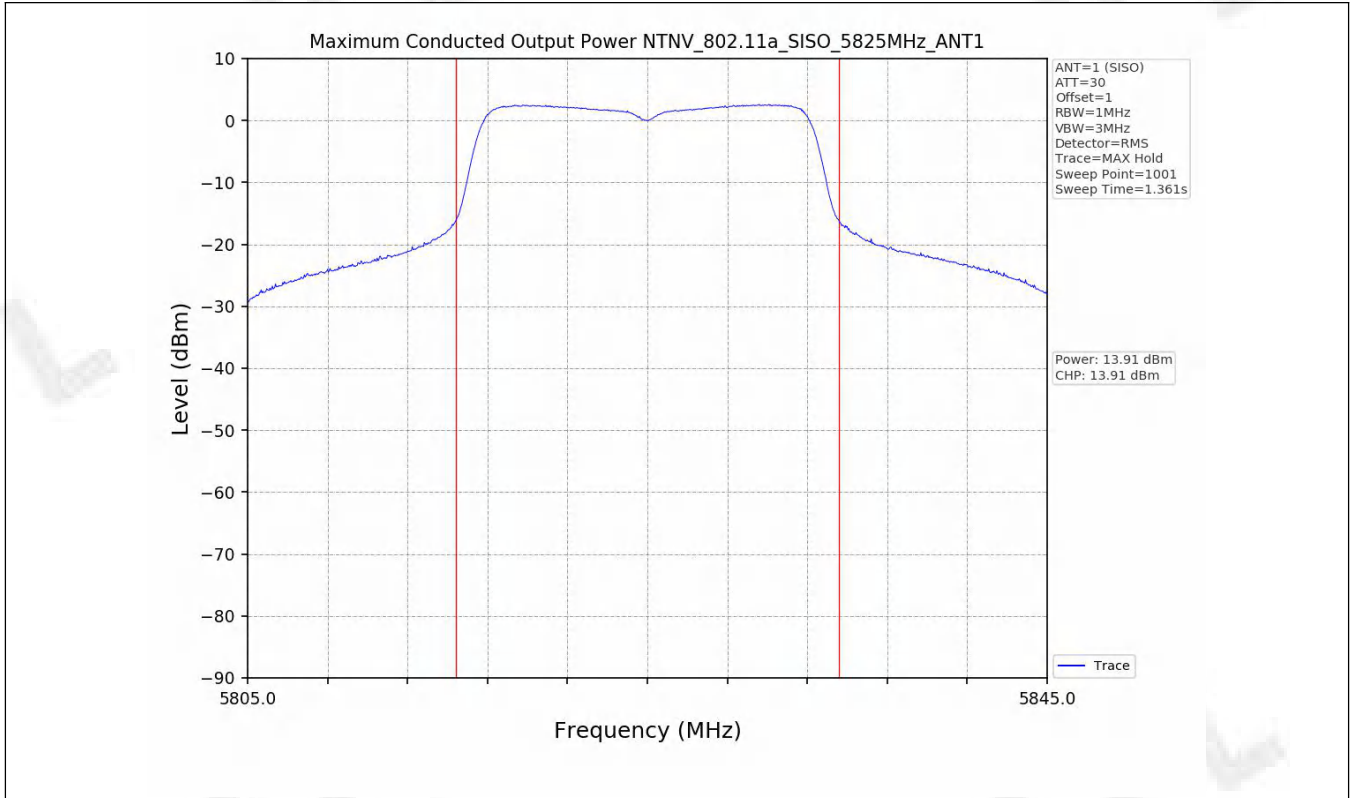
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11a	5180	SISO	11.73	≤23.98	PASS
	5200	SISO	12.32	≤23.98	PASS
	5240	SISO	11.34	≤23.98	PASS
	5745	SISO	14.25	≤30.00	PASS
	5785	SISO	14.13	≤30.00	PASS
	5825	SISO	13.91	≤30.00	PASS
802.11n(HT20)	5180	SISO	11.82	≤23.98	PASS
	5200	SISO	12.97	≤23.98	PASS
	5240	SISO	12.48	≤23.98	PASS
	5745	SISO	14.70	≤30.00	PASS
	5785	SISO	14.55	≤30.00	PASS
	5825	SISO	14.37	≤30.00	PASS
802.11n(HT40)	5190	SISO	9.12	≤23.98	PASS
	5230	SISO	12.97	≤23.98	PASS
	5755	SISO	14.31	≤30.00	PASS
	5795	SISO	14.37	≤30.00	PASS

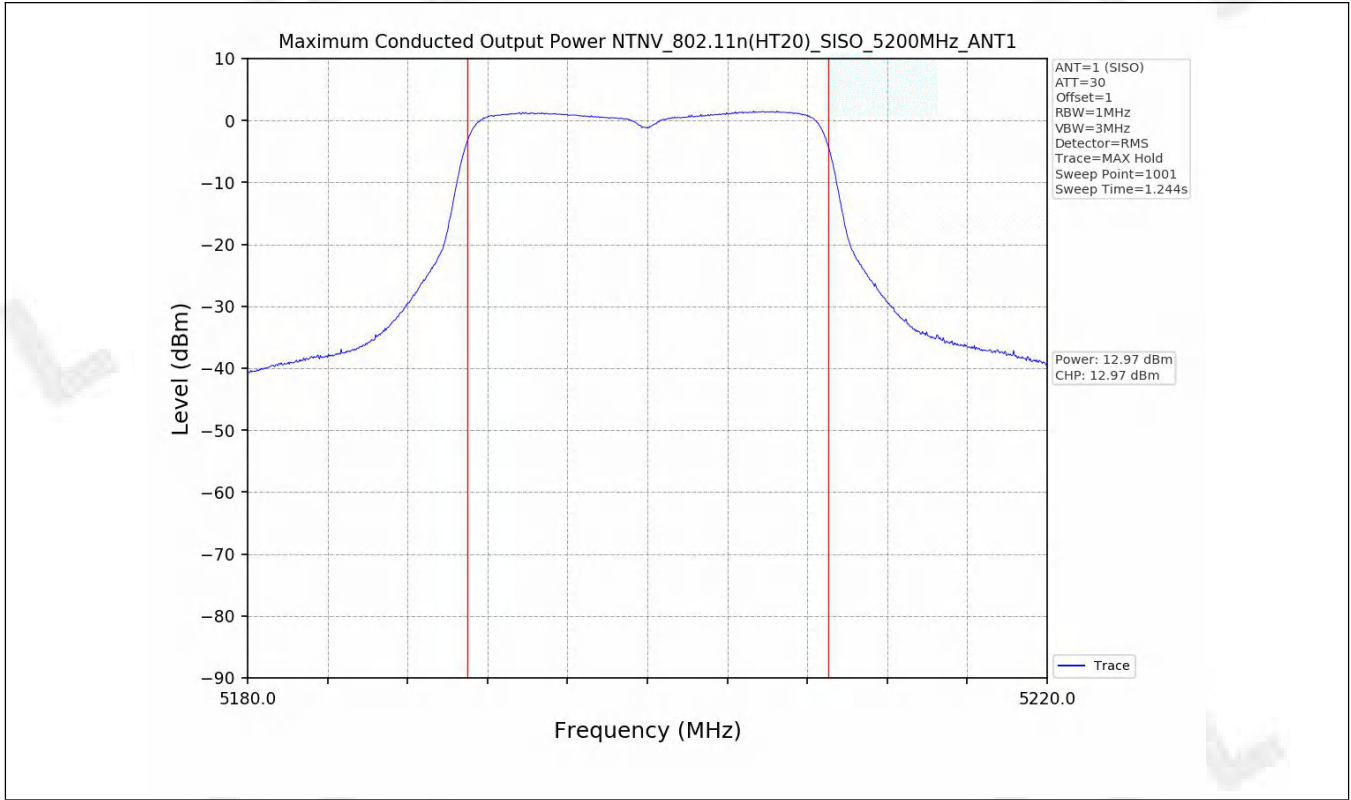
2.2 Test Graph

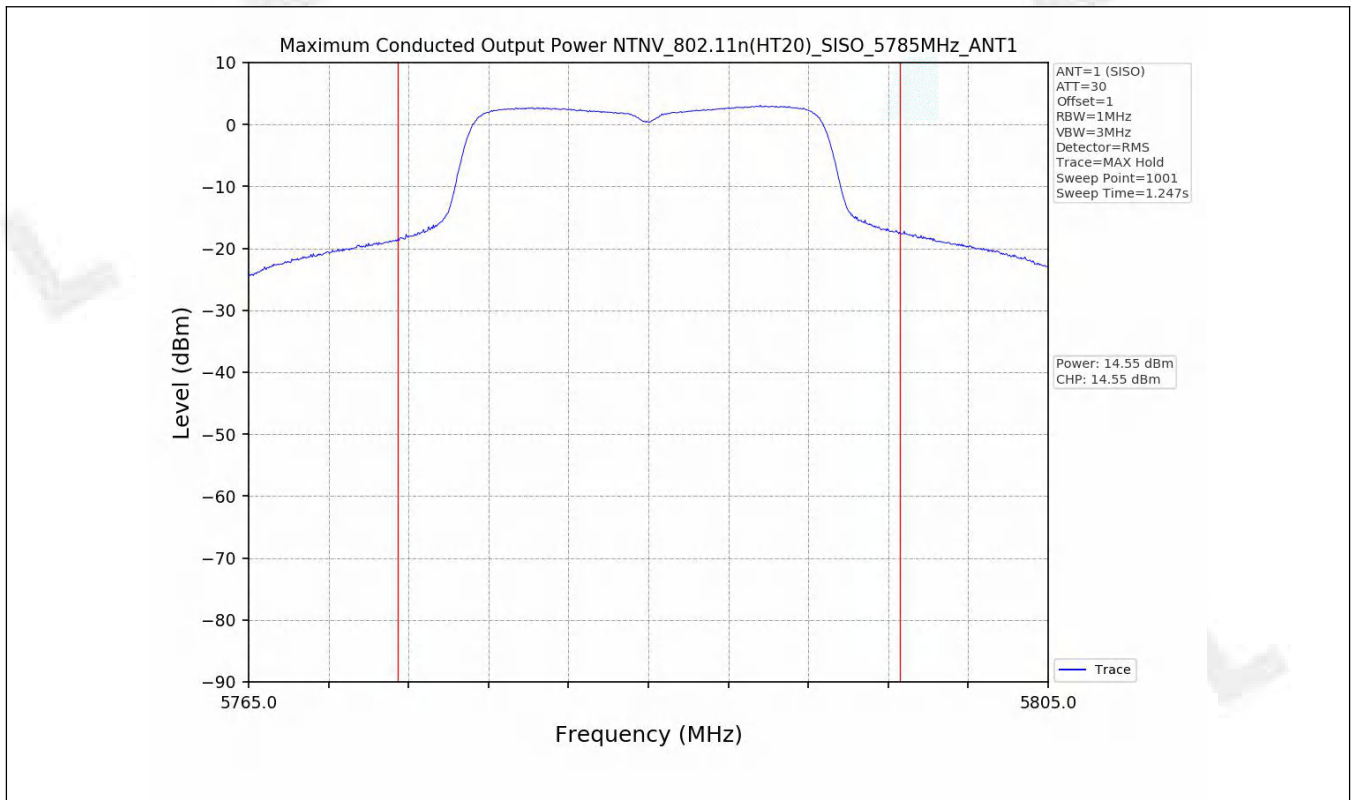
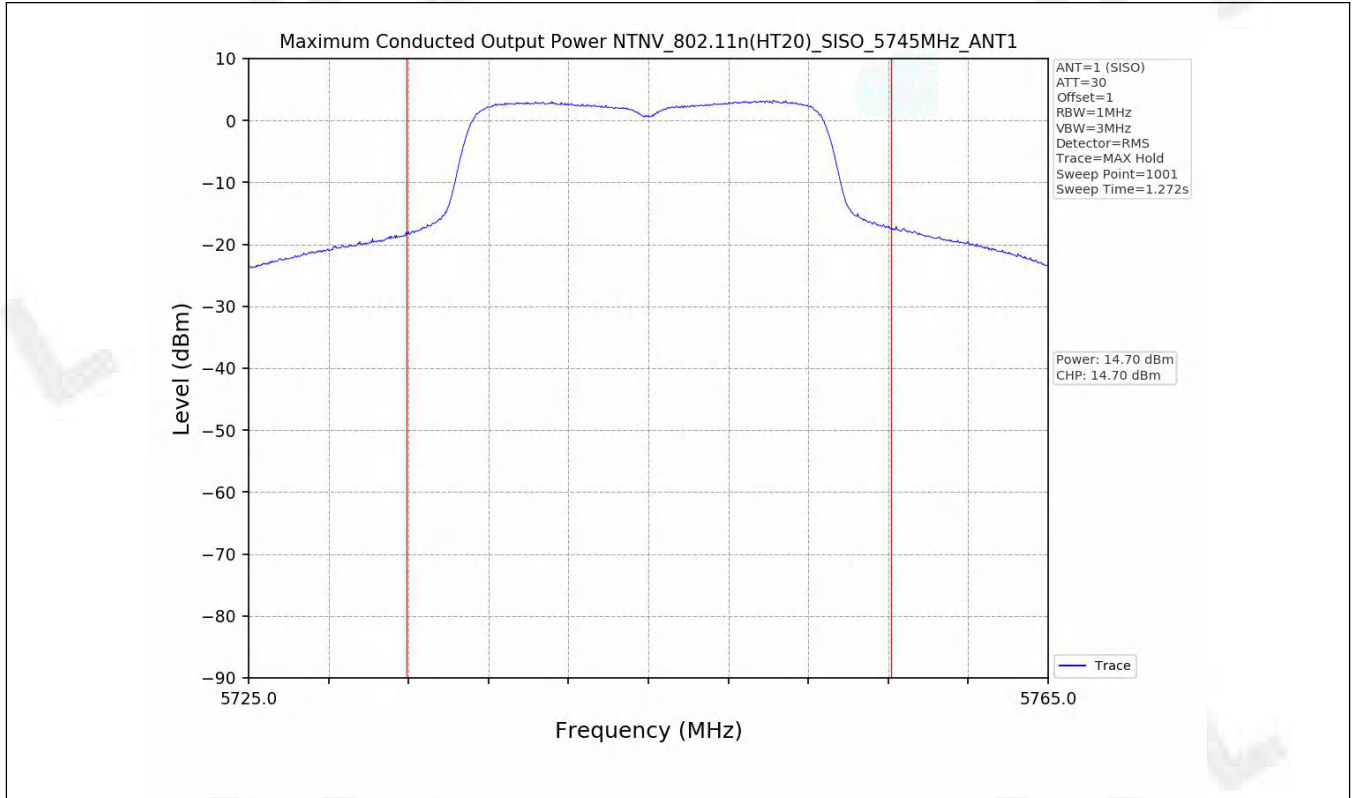


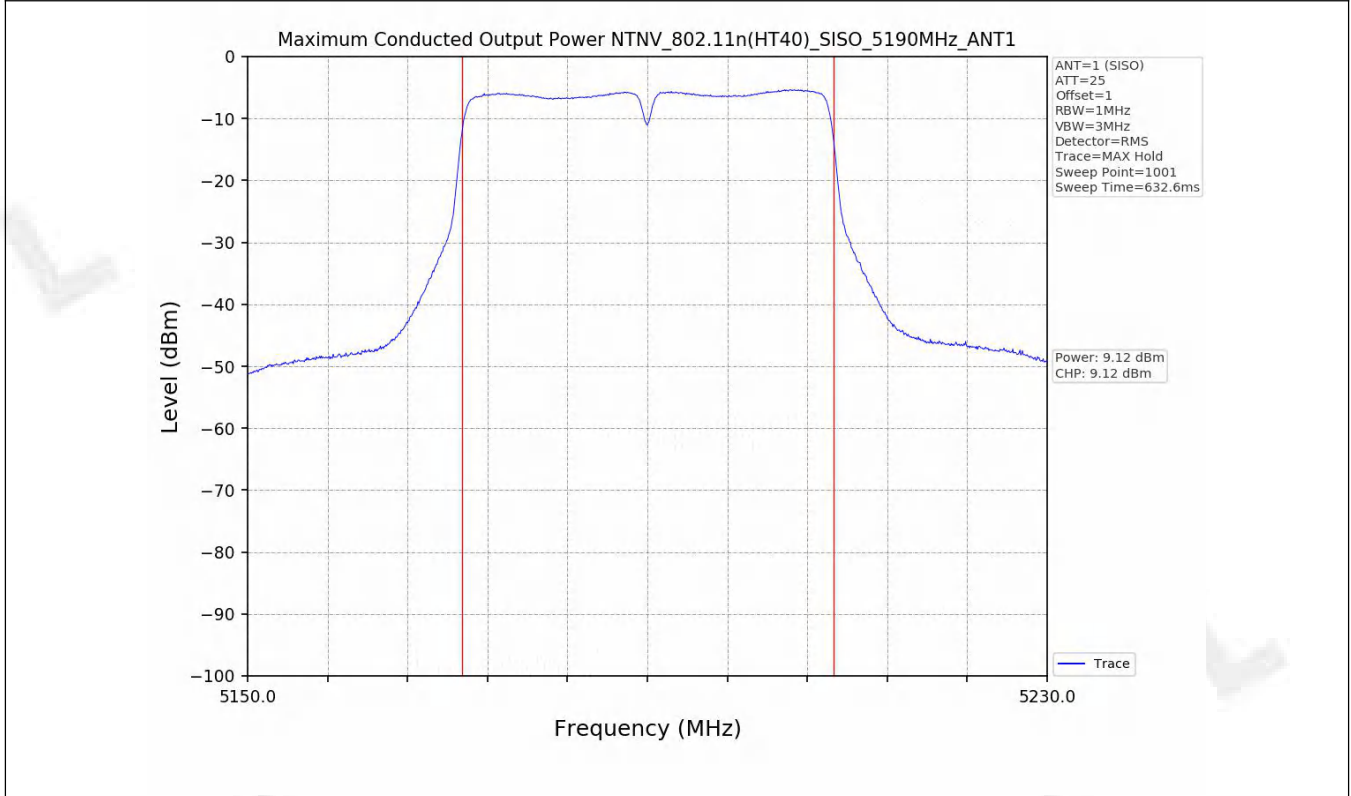
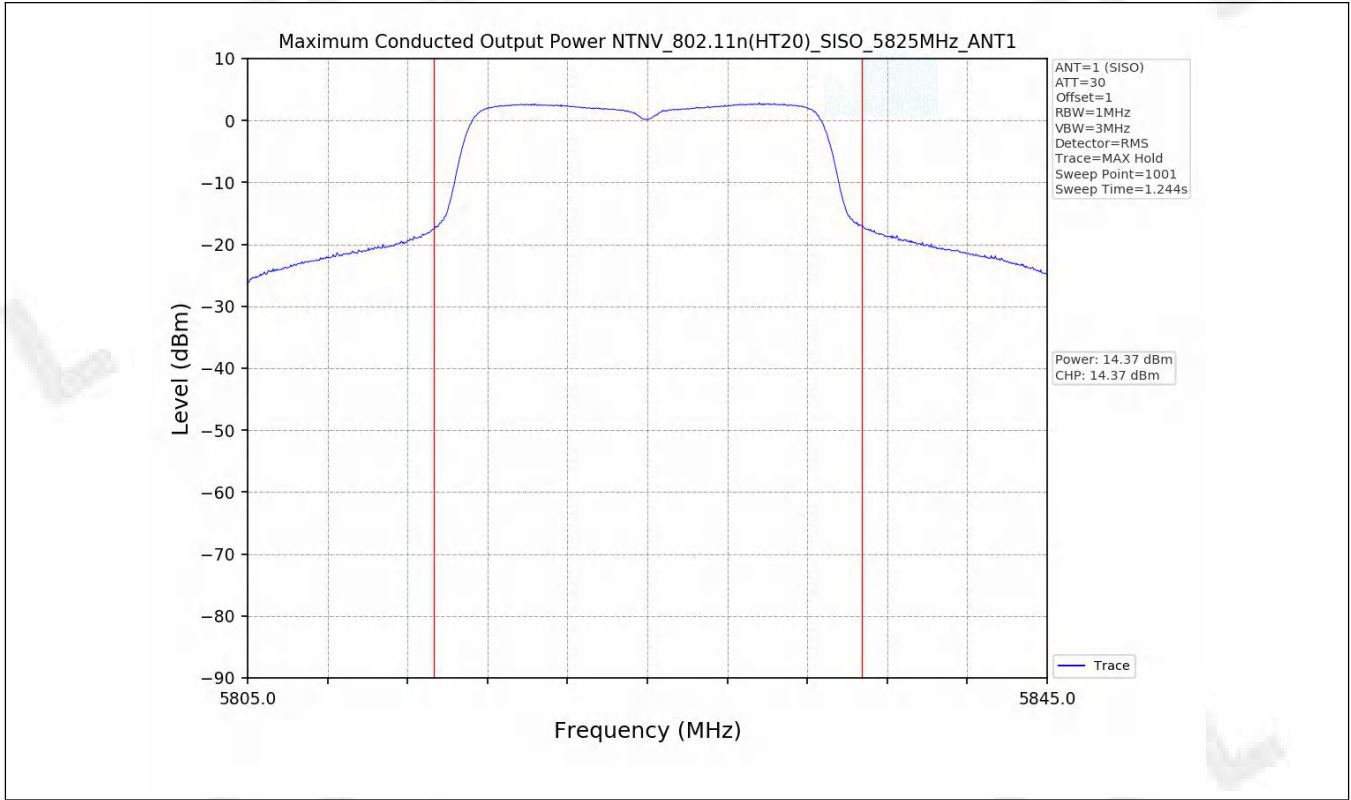


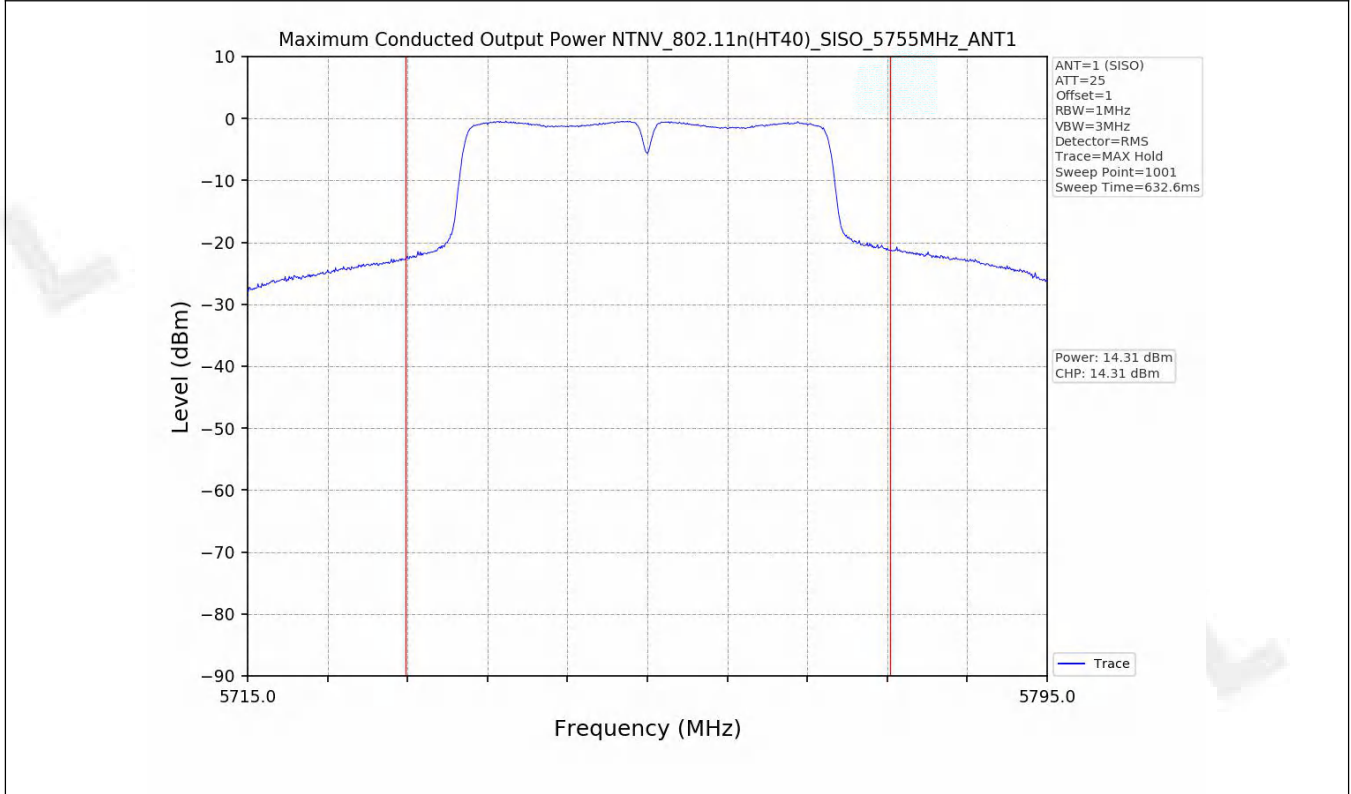
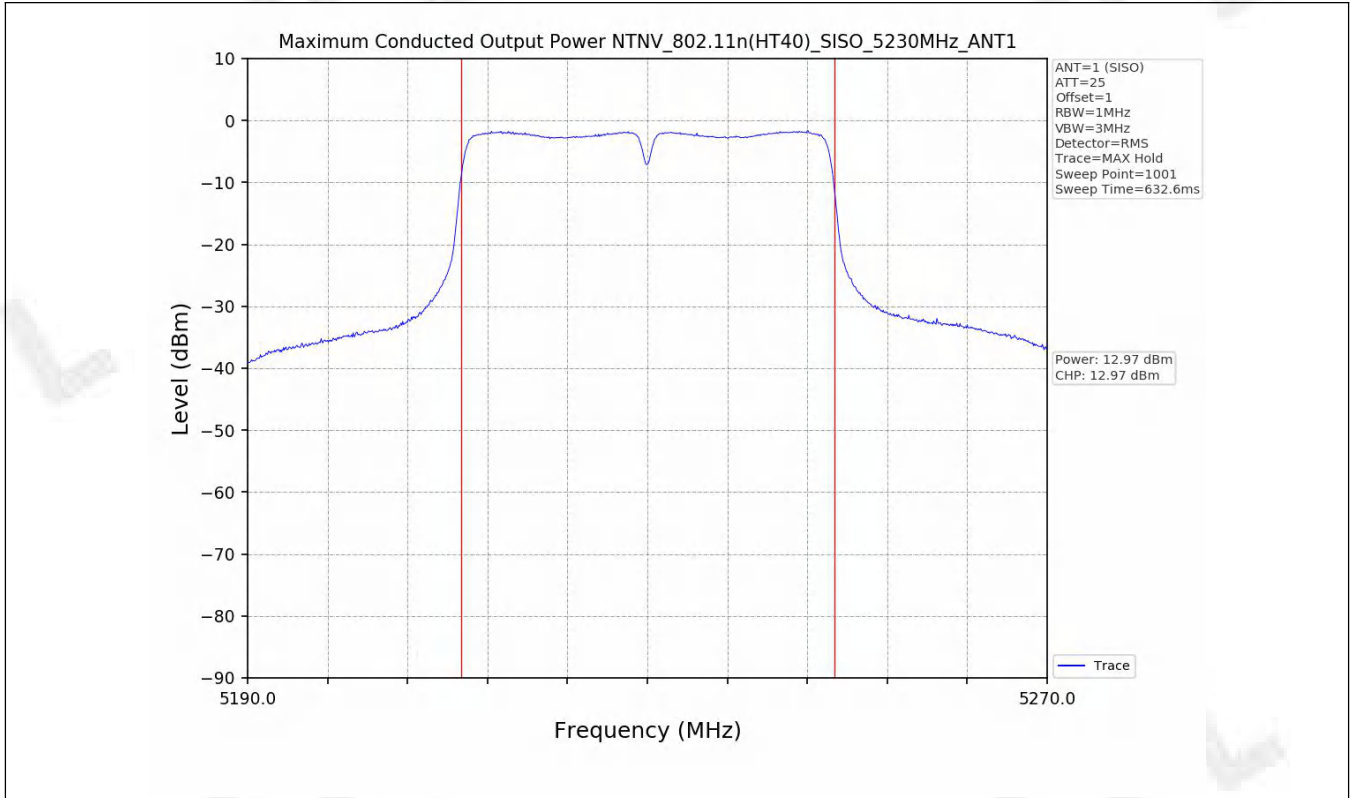


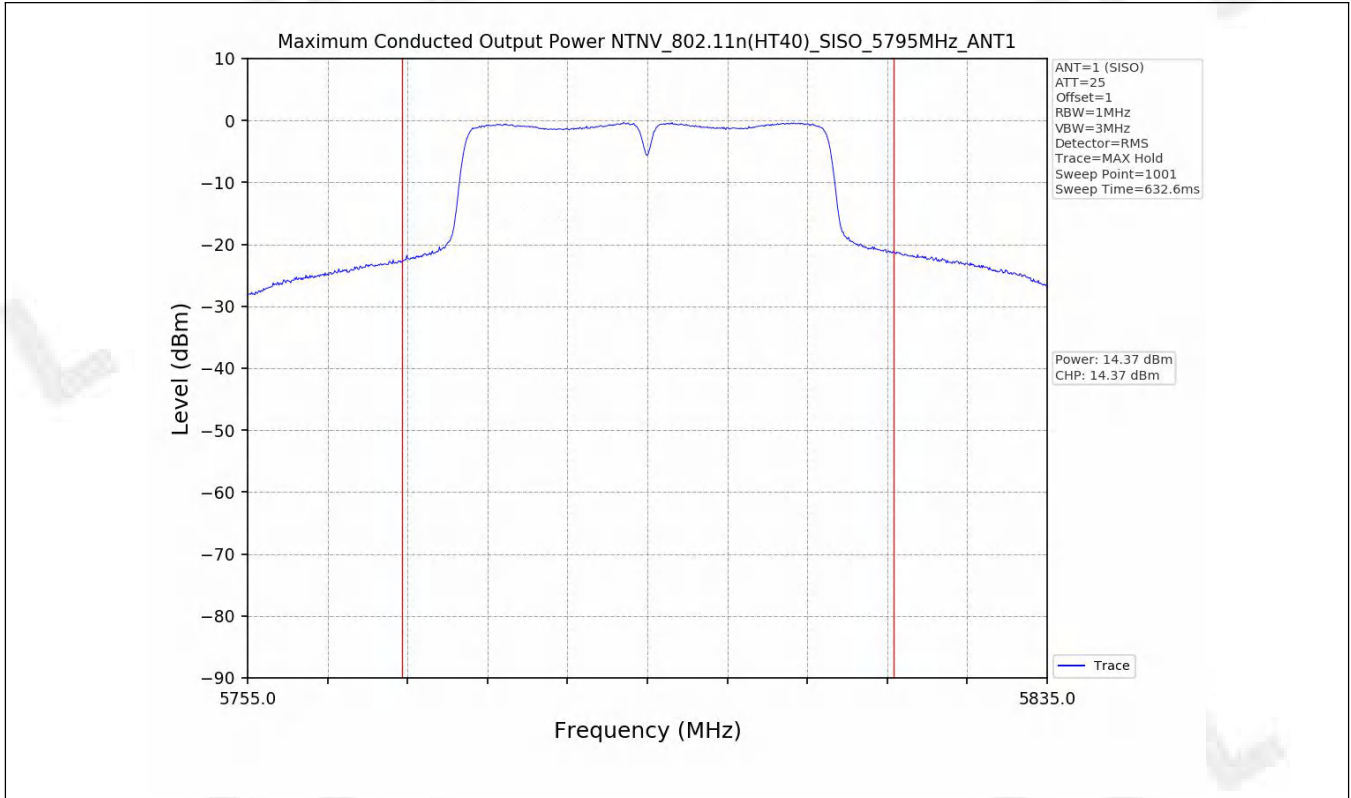












3. Maximum Power Spectral Density (PSD)

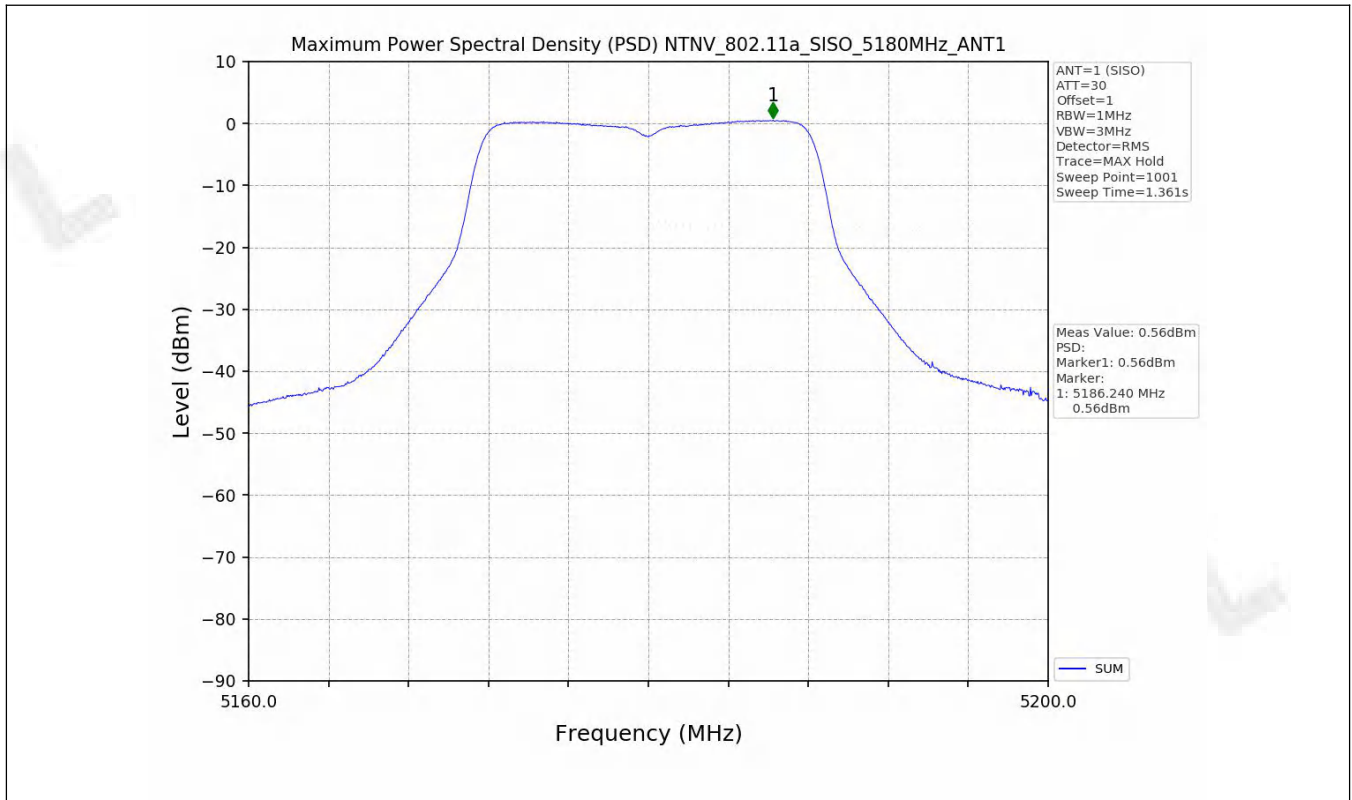
3.1 Test Result

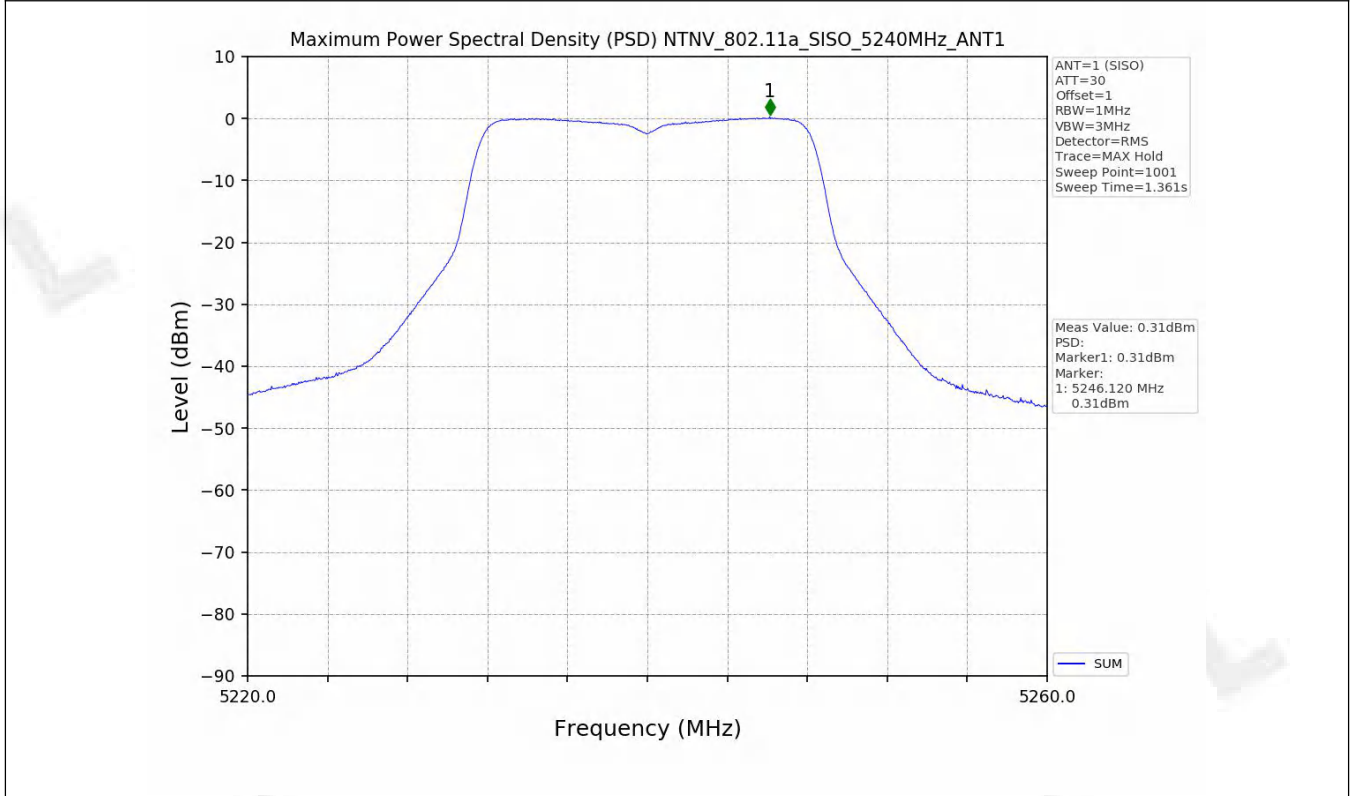
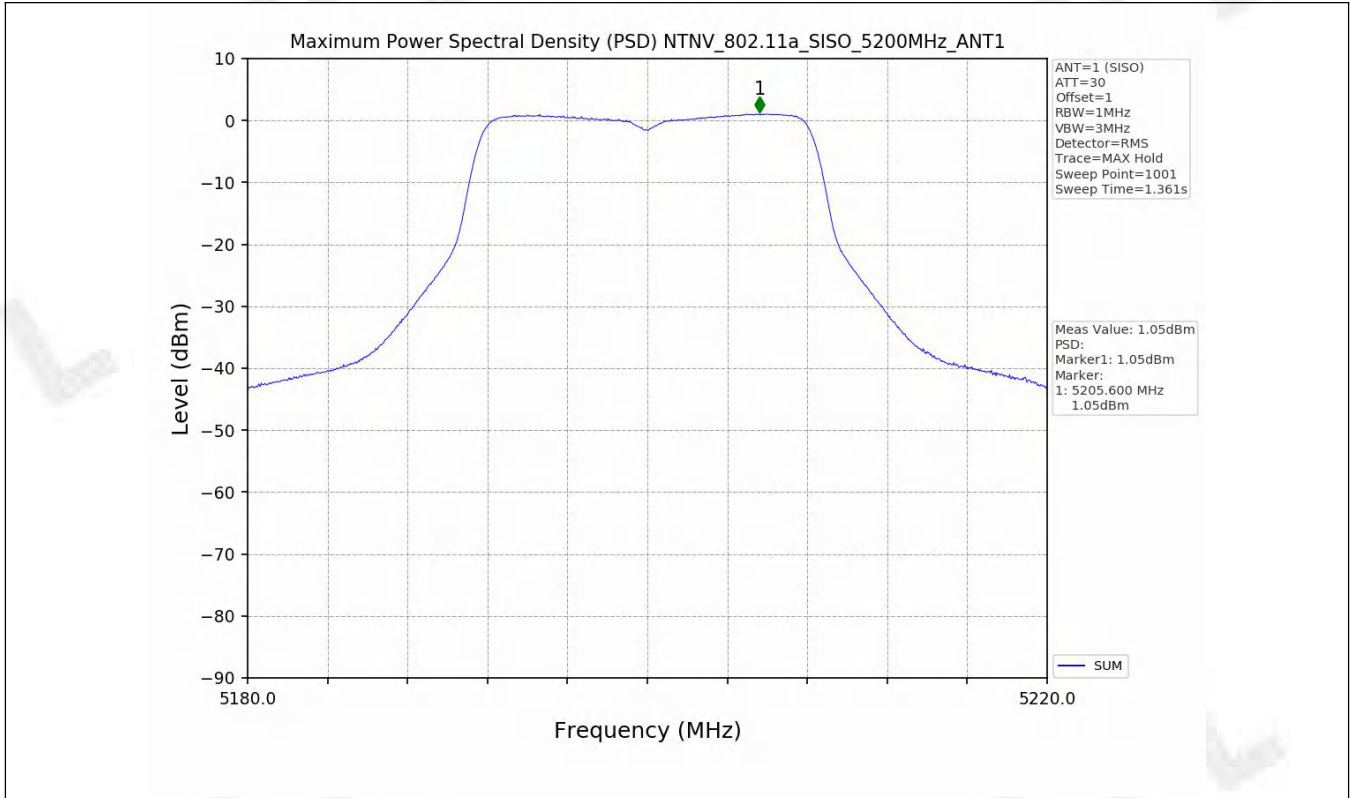
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11a	5180	SISO	0.56	≤11	PASS
	5200	SISO	1.05	≤11	PASS
	5240	SISO	0.31	≤11	PASS
802.11n(HT20)	5180	SISO	0.44	≤11	PASS
	5200	SISO	1.58	≤11	PASS
	5240	SISO	0.99	≤11	PASS
802.11n(HT40)	5190	SISO	-5.41	≤11	PASS
	5230	SISO	-1.76	≤11	PASS

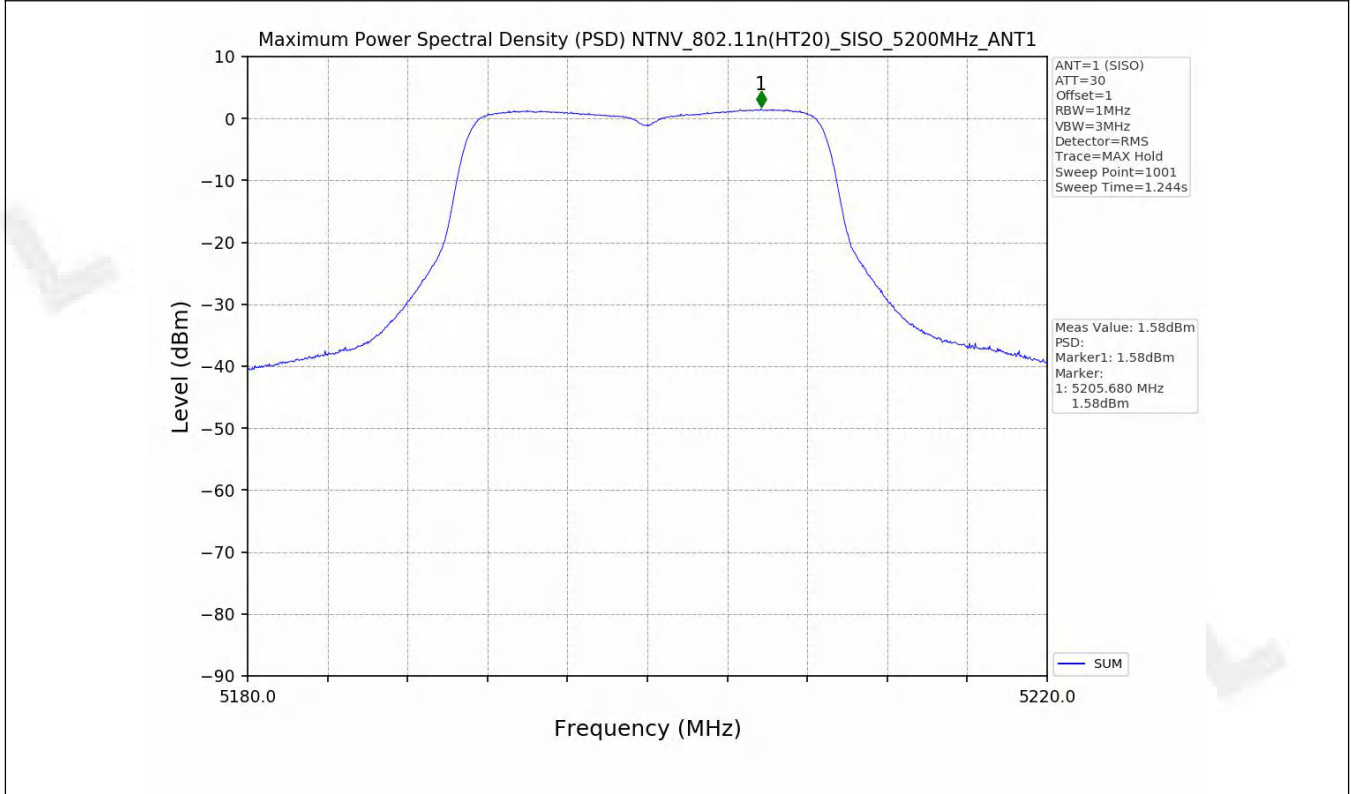
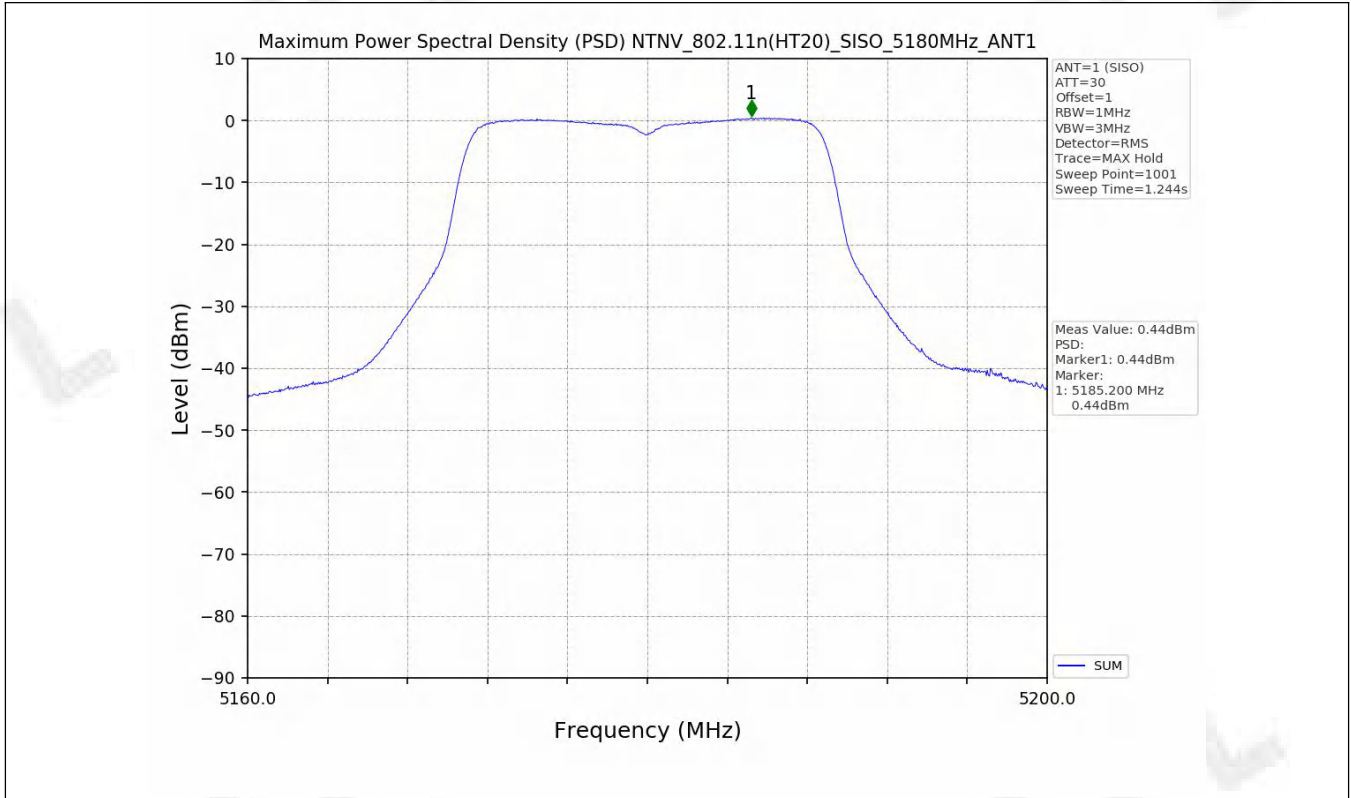
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/500kHz)	Limits (dBm/500kHz)	Verdict
			Ant 1		
802.11a	5745	SISO	0.31	≤30	PASS
	5785	SISO	0.02	≤30	PASS
	5825	SISO	-0.24	≤30	PASS
802.11n(HT20)	5745	SISO	0.21	≤30	PASS
	5785	SISO	0.28	≤30	PASS
	5825	SISO	-0.01	≤30	PASS
802.11n(HT40)	5755	SISO	-3.07	≤30	PASS

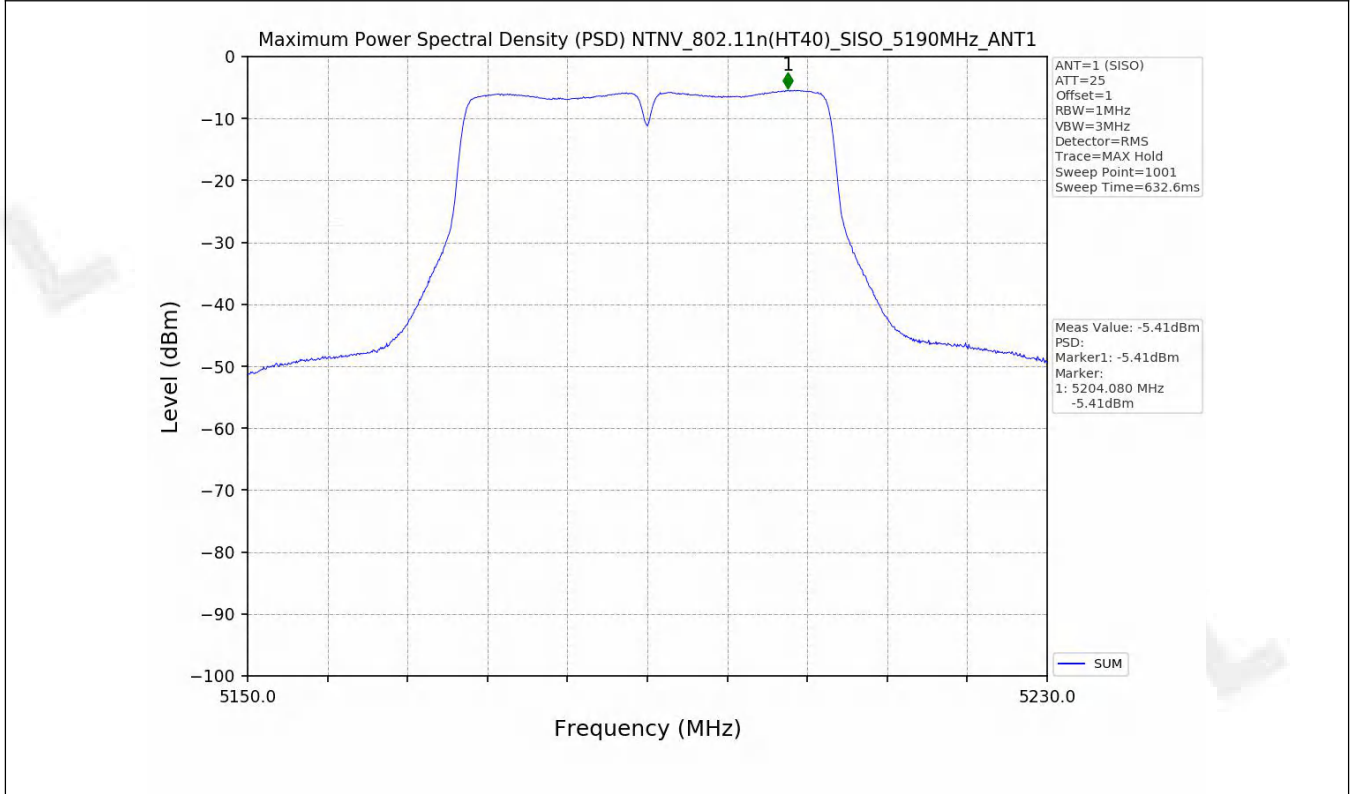
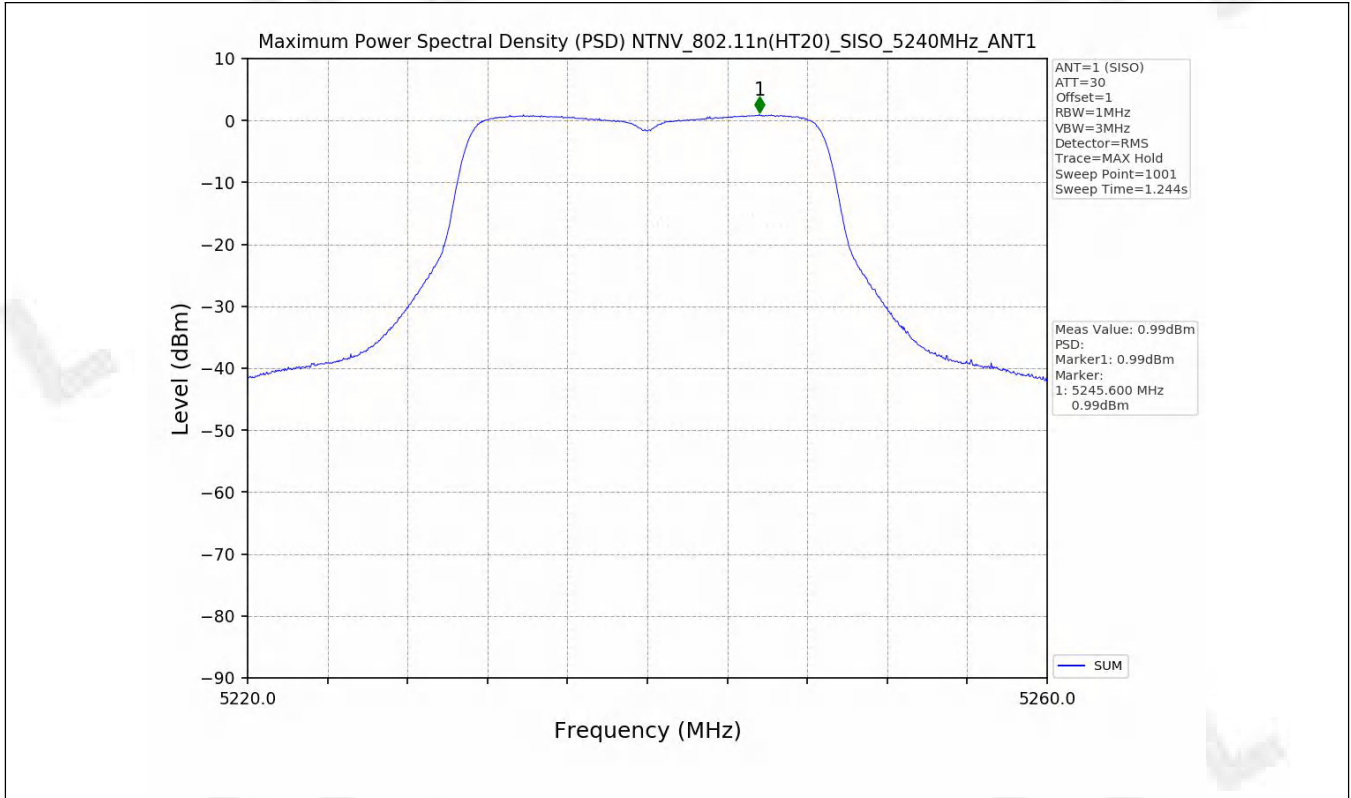
	5795	SISO	-2.91	≤30	PASS
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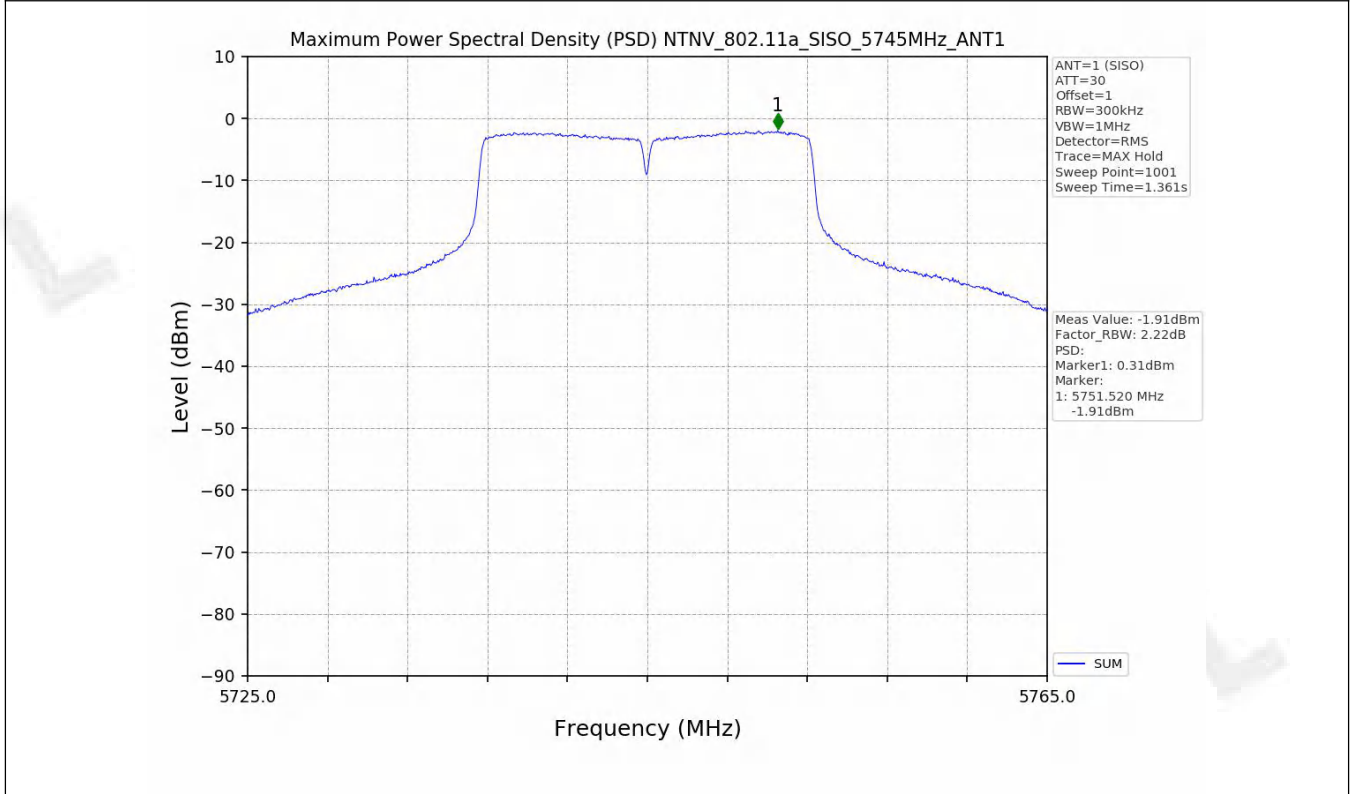
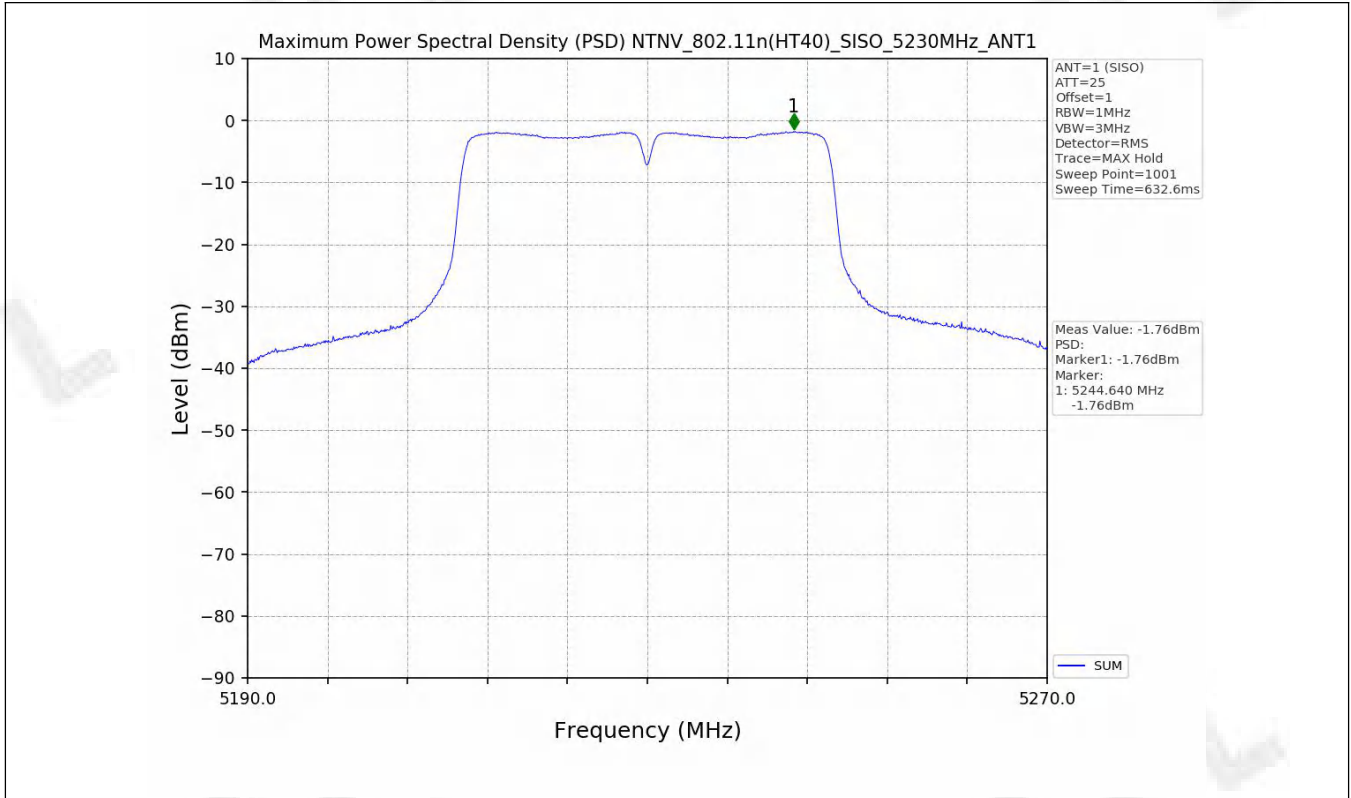
3.2 Test Graph

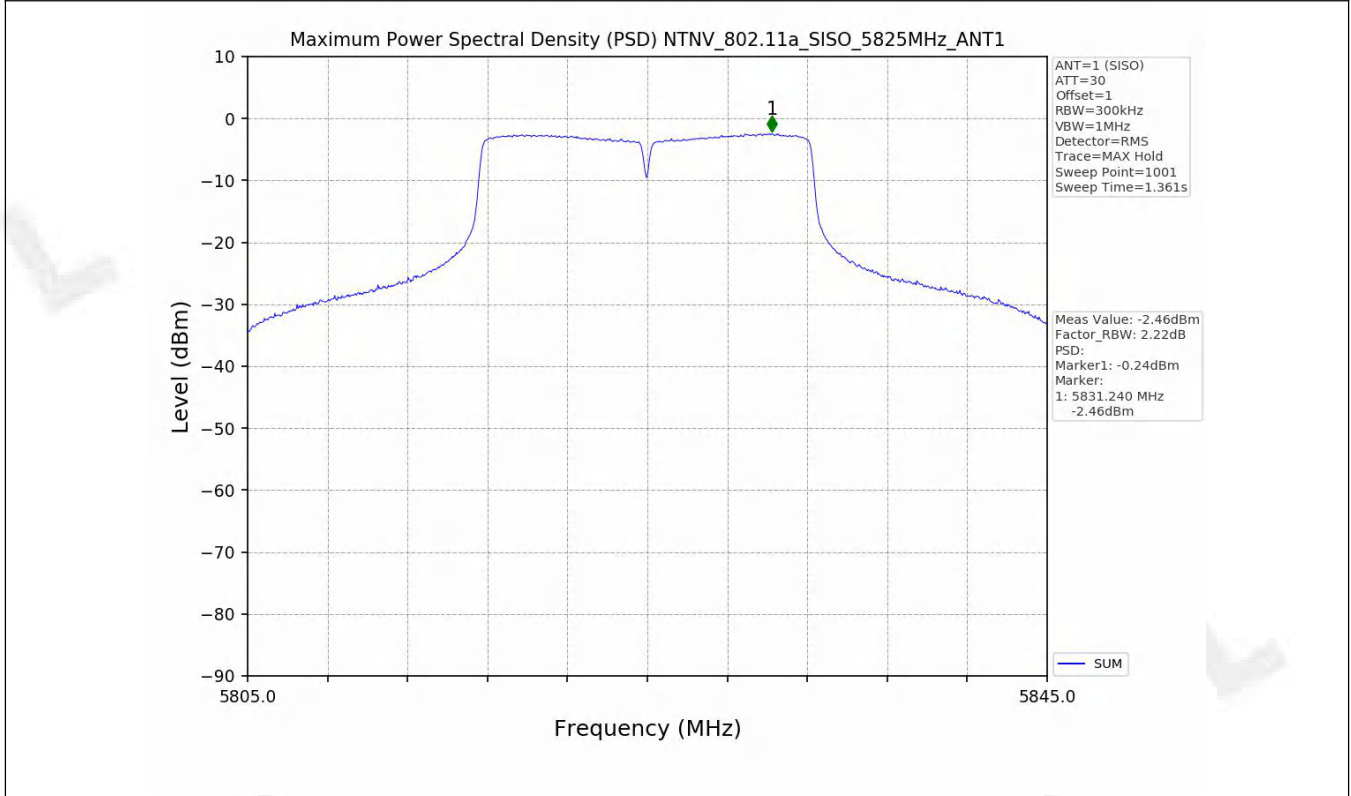
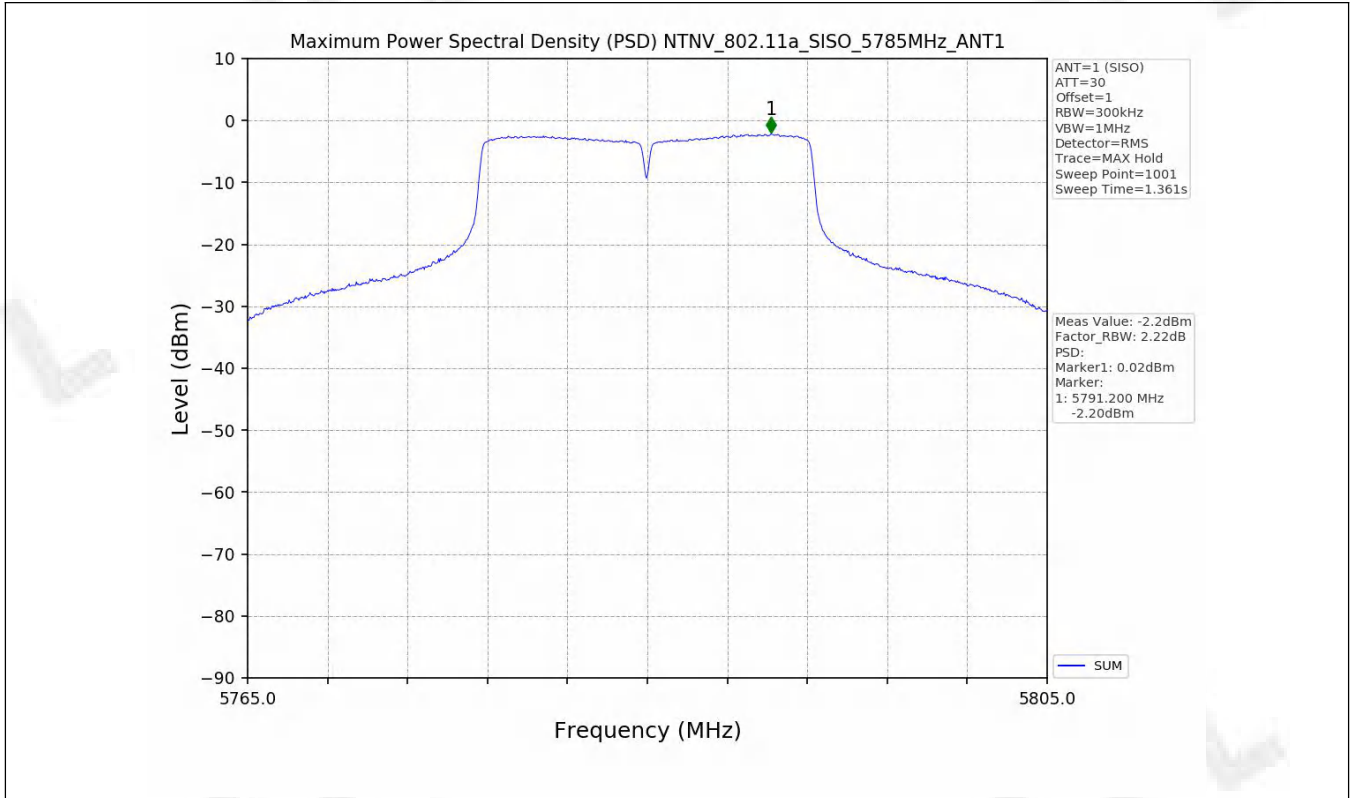


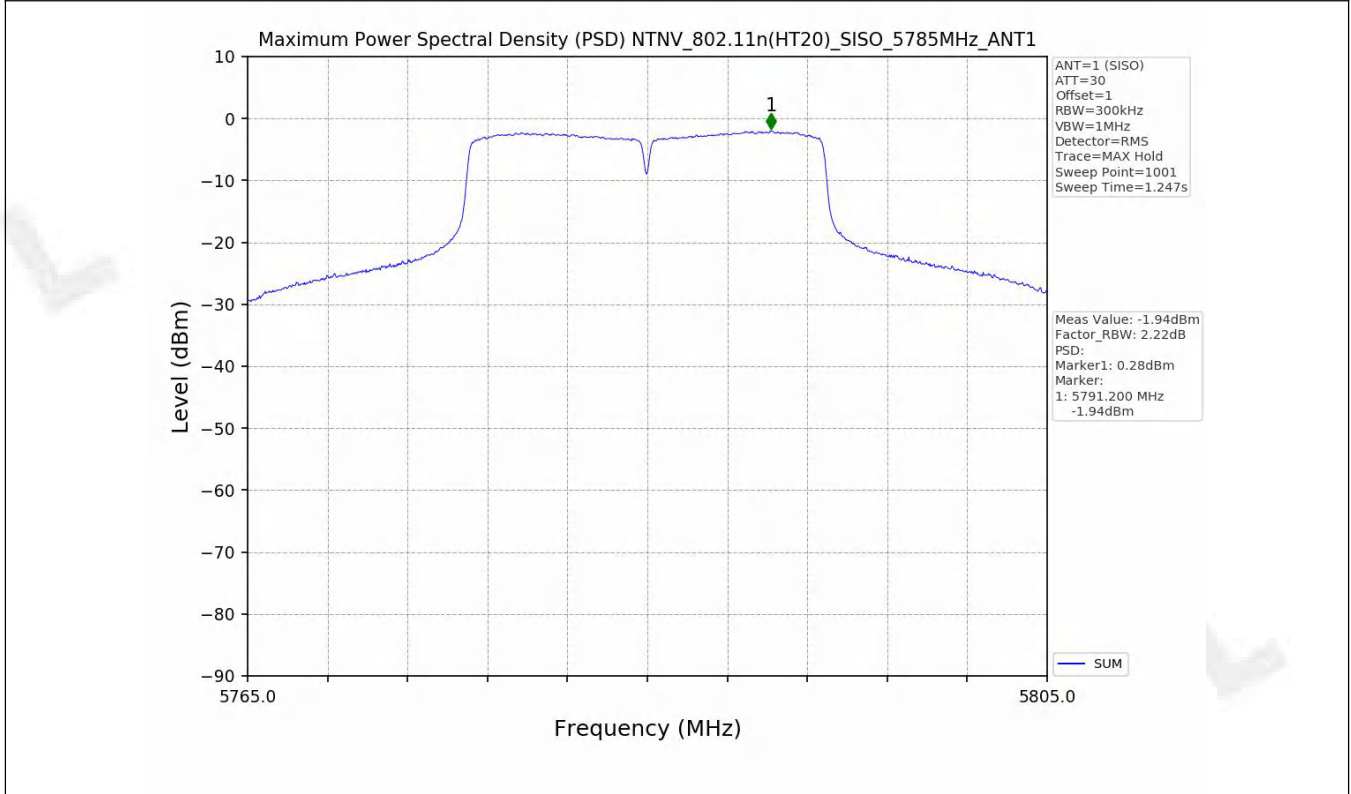
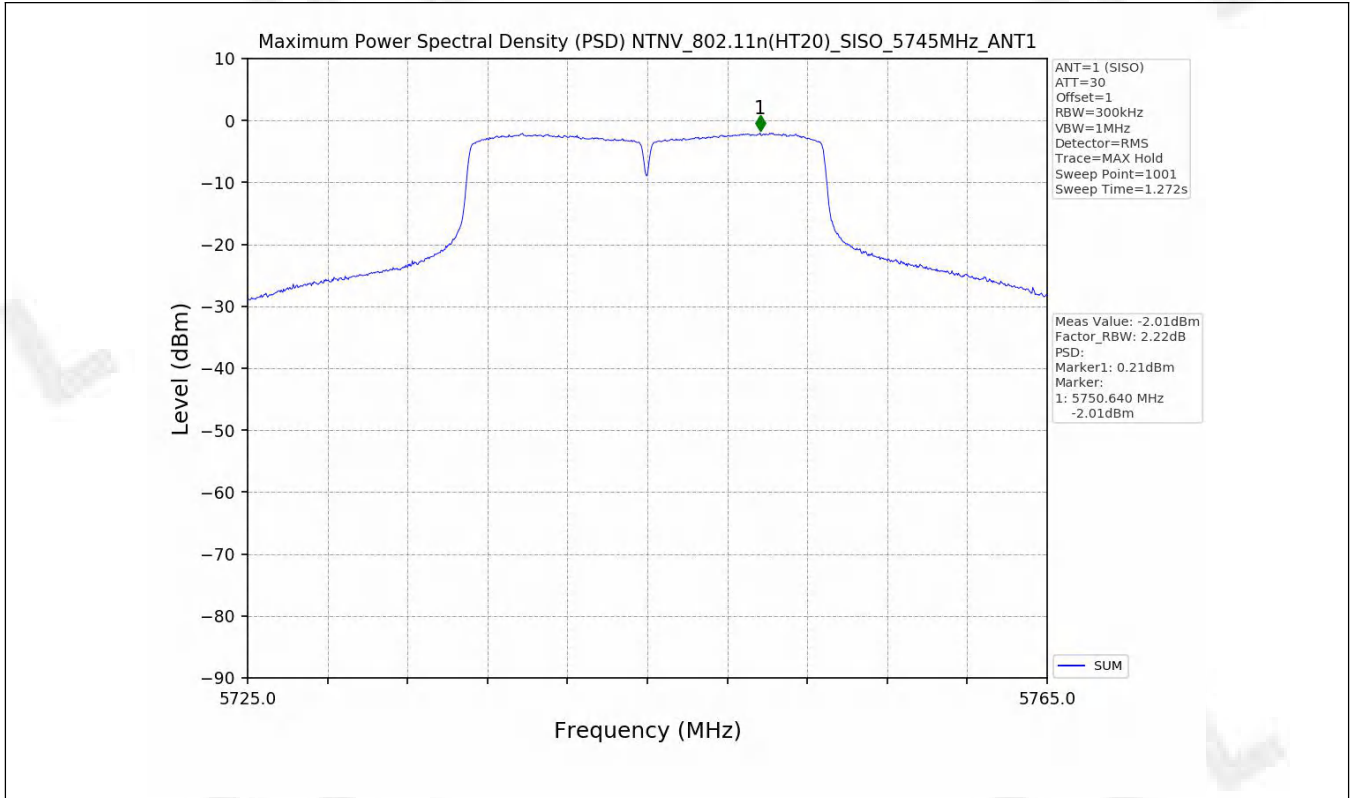


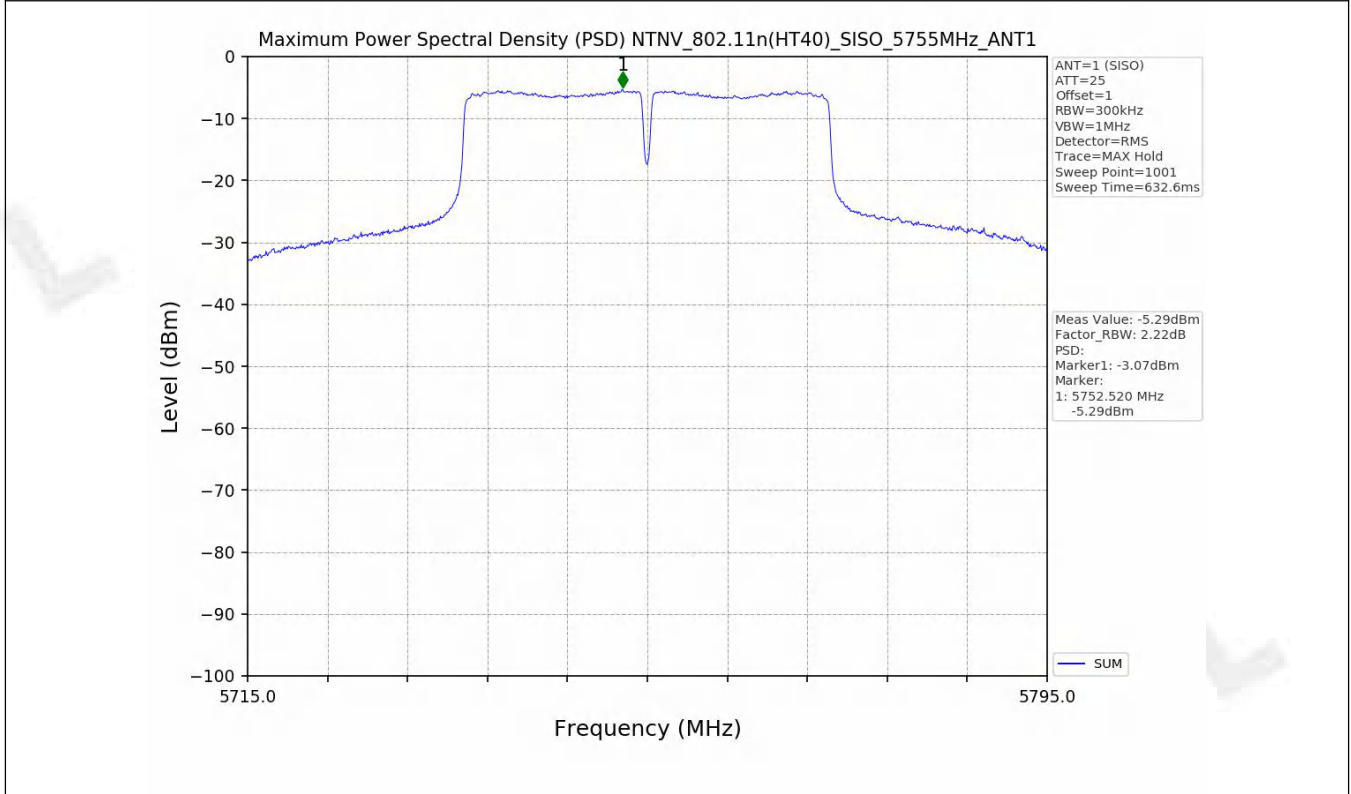
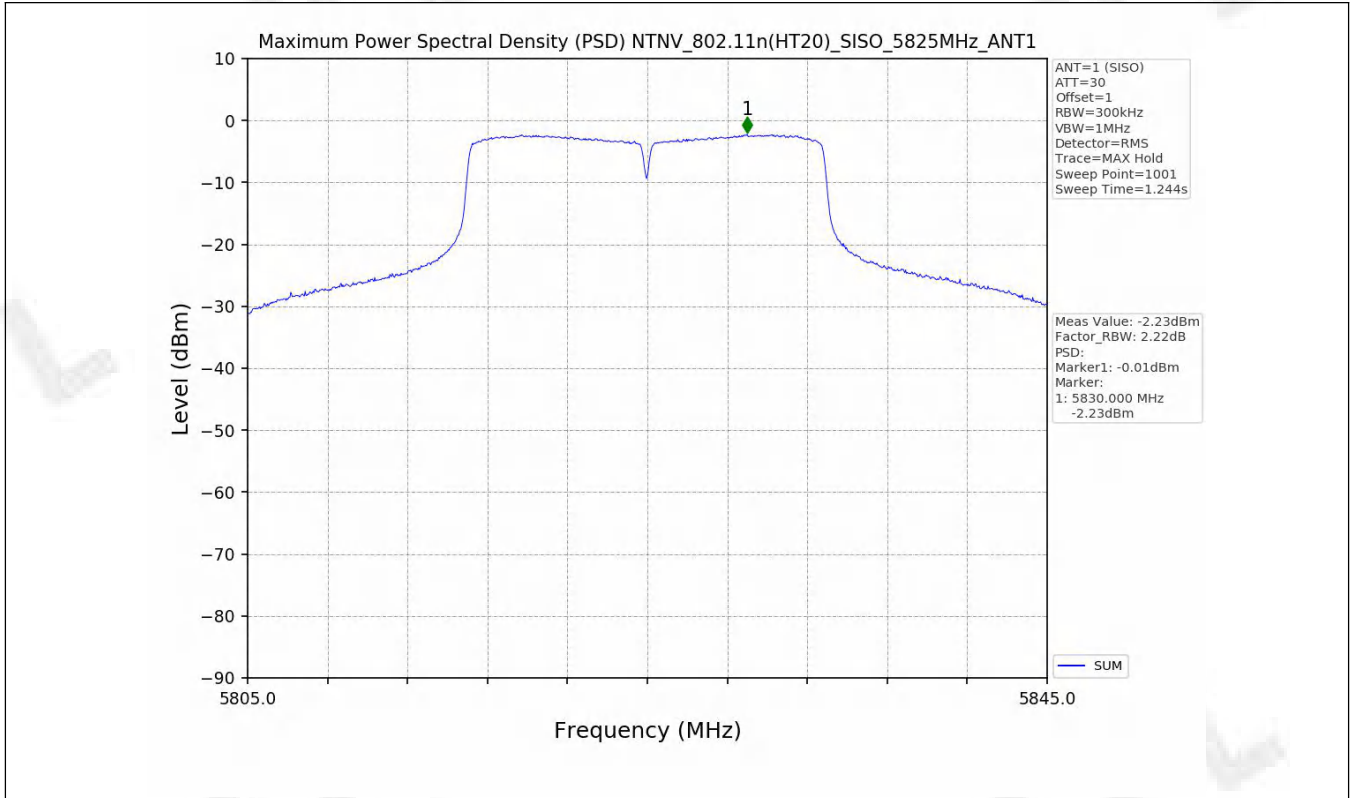


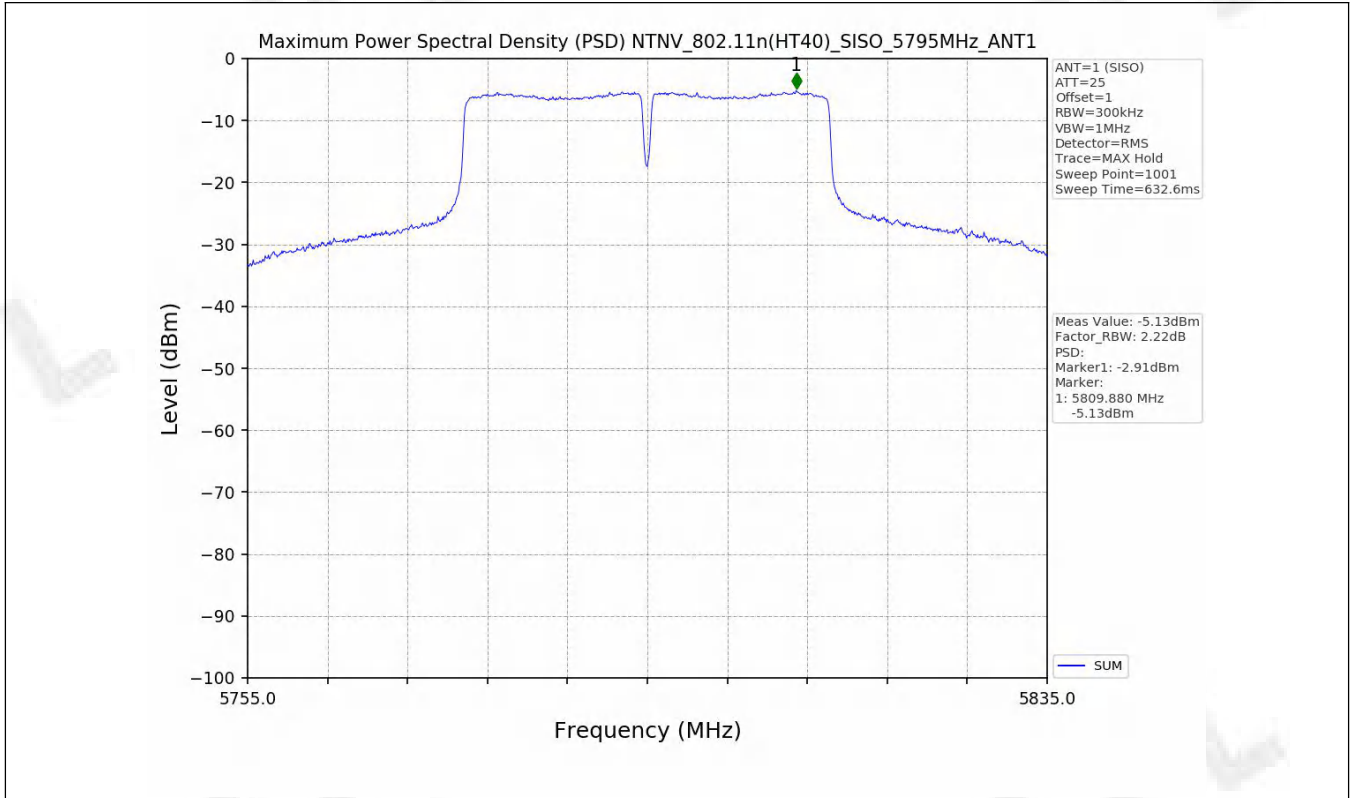












4. Frequency Stability

4.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	802.11a	5180	1	-3.86	<=20	PASS
		5200	1	-3.85	<=20	PASS
		5240	1	-3.82	<=20	PASS
		5745	1	-3.48	<=20	PASS
		5785	1	-6.91	<=20	PASS
		5825	1	-3.43	<=20	PASS
	802.11n	5190	1	-7.71	<=20	PASS
		5230	1	-7.65	<=20	PASS
		5755	1	-6.95	<=20	PASS
		5795	1	-6.9	<=20	PASS