

Appendix for 15.247

Product Name:	Android TV Box
Model No.:	MW809

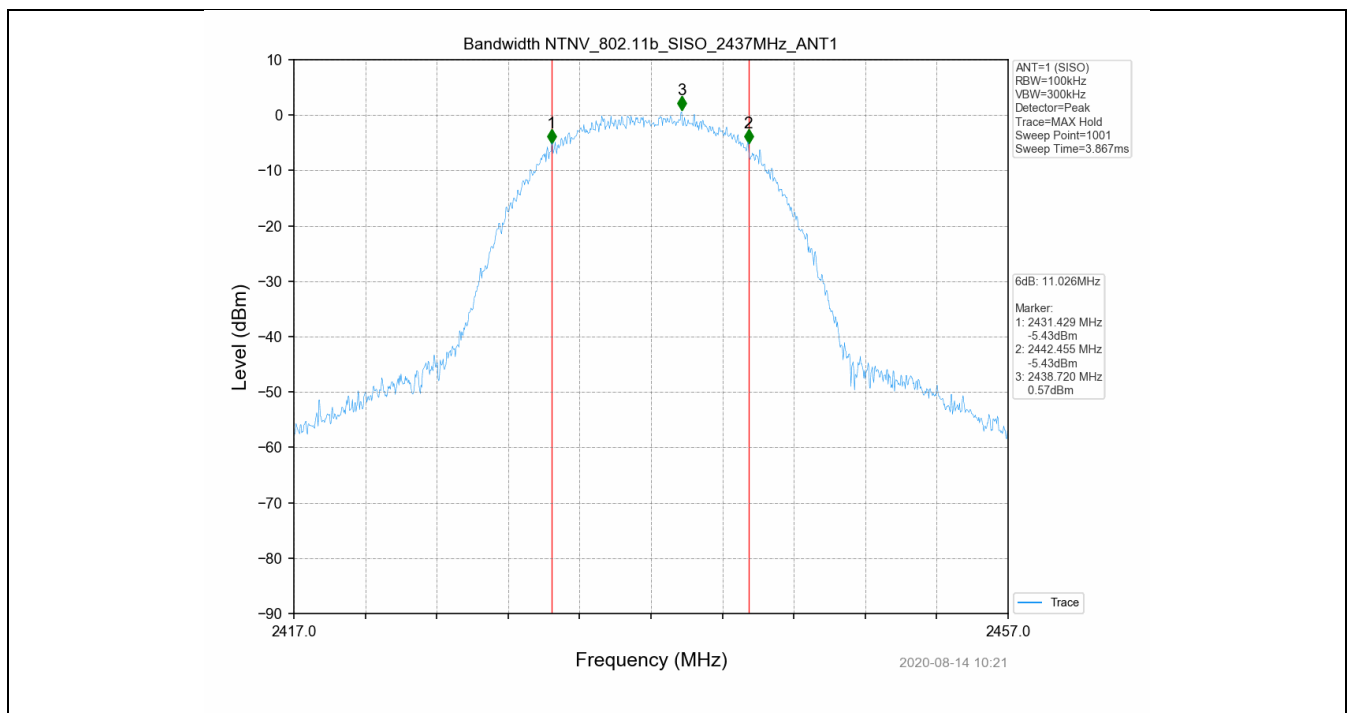
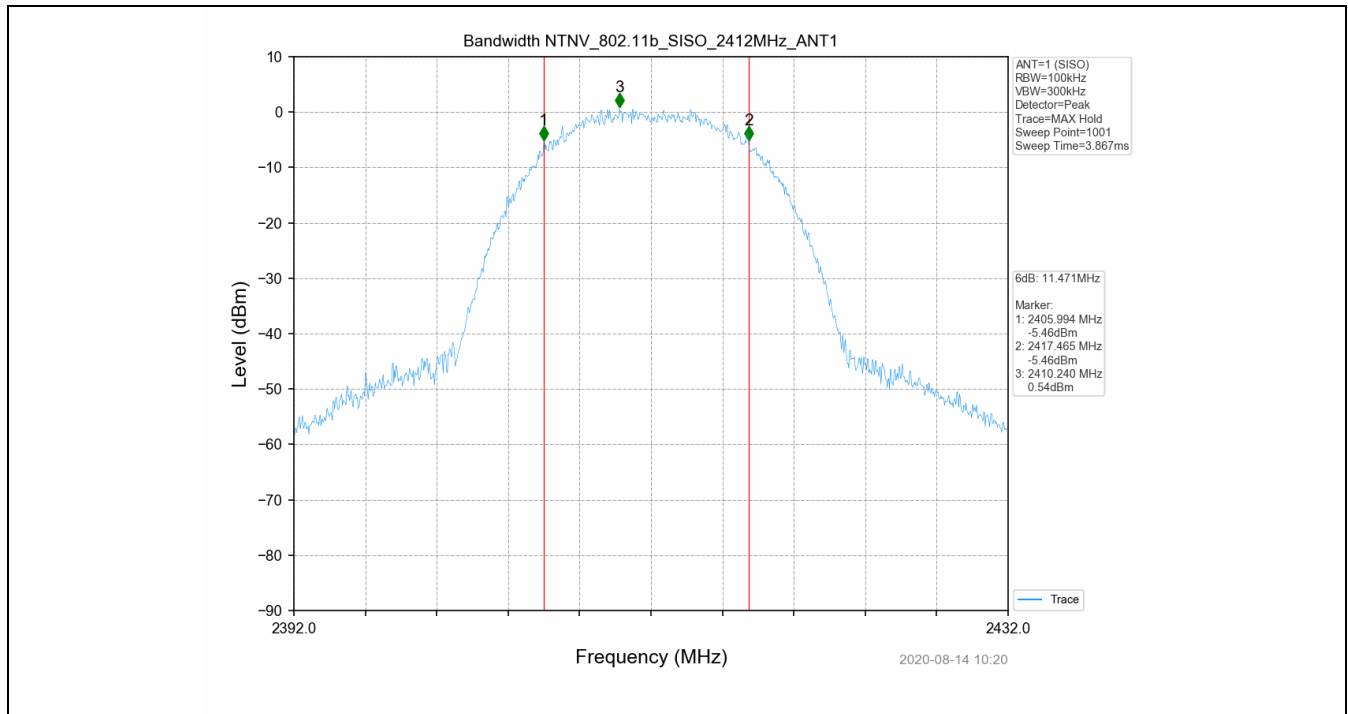
1. Bandwidth

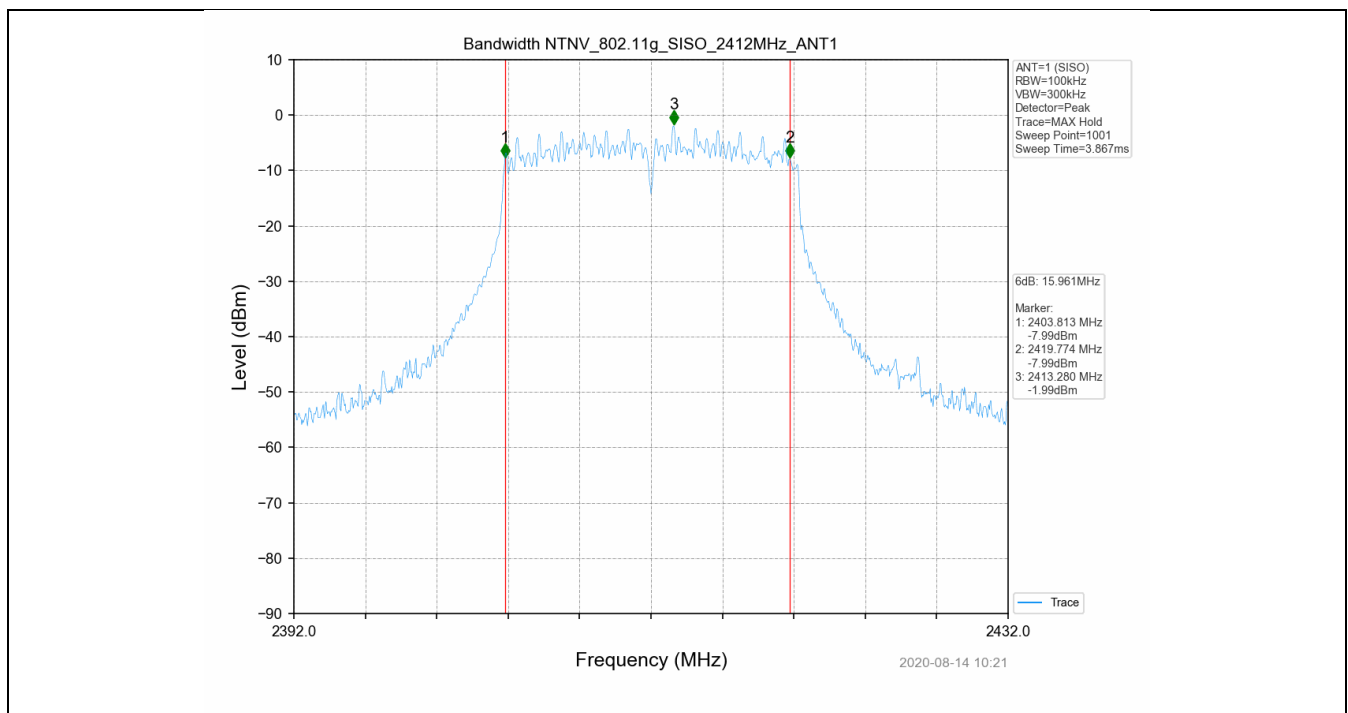
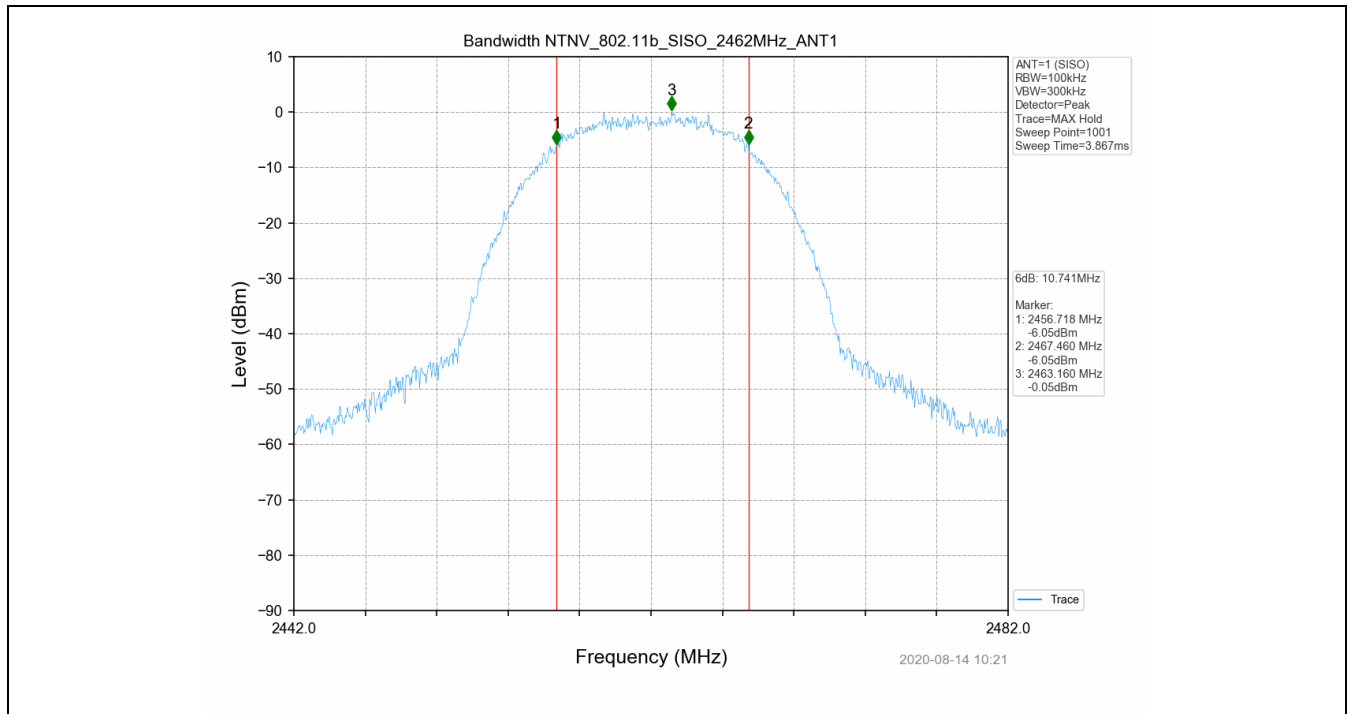
1.1 Test Result

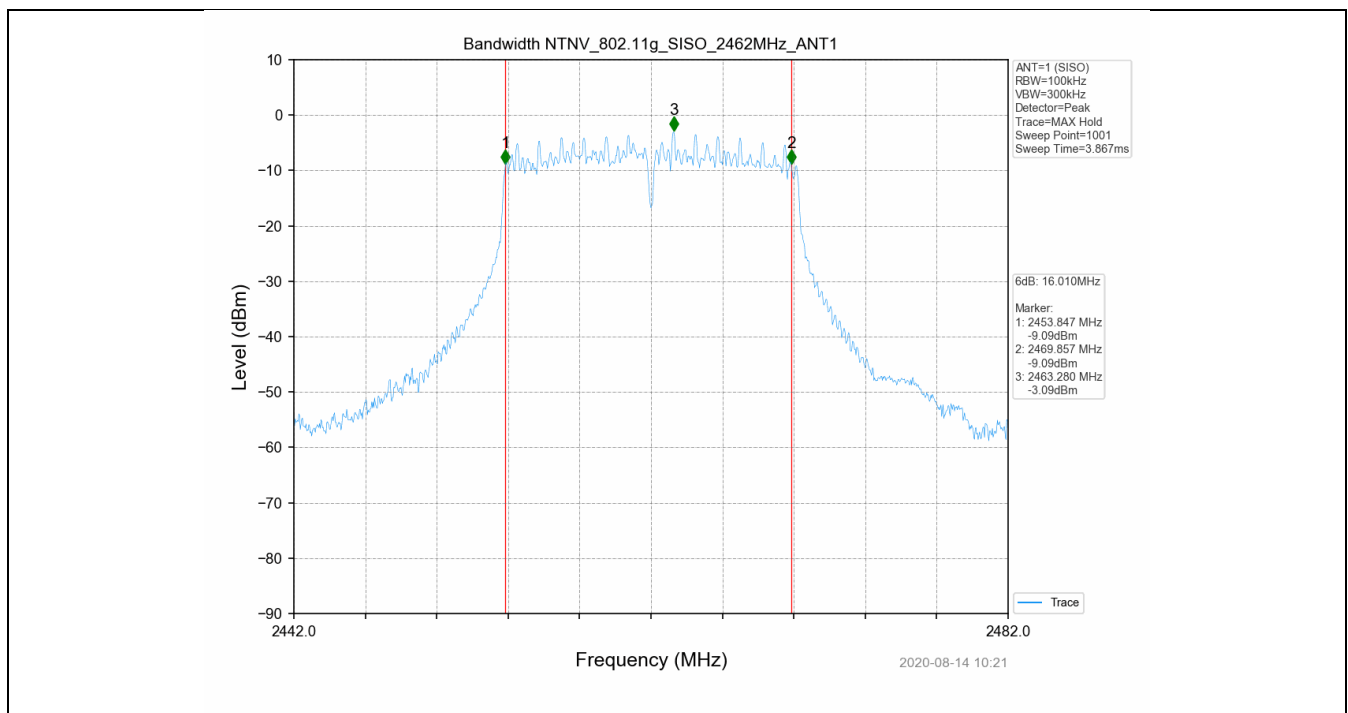
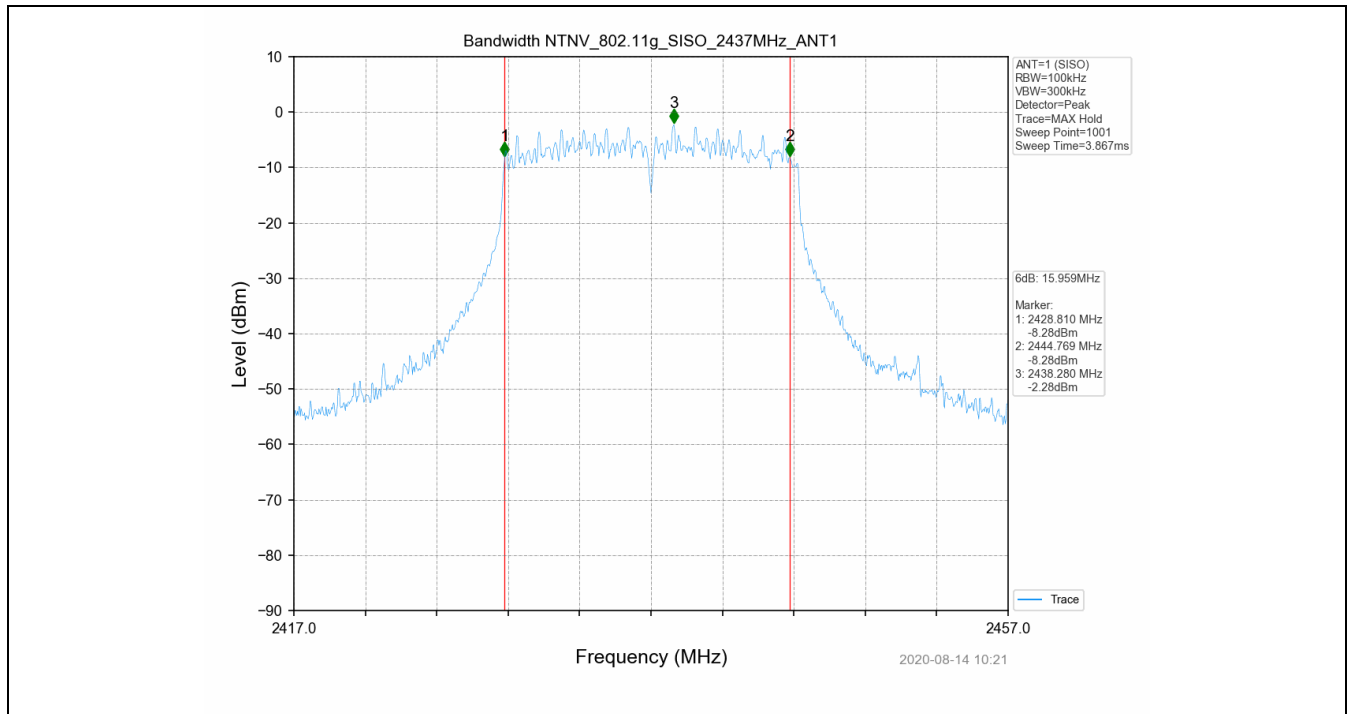
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	11.471	≥0.5	PASS
	2437	SISO	1	11.026	≥0.5	PASS
	2462	SISO	1	10.741	≥0.5	PASS
802.11g	2412	SISO	1	15.961	≥0.5	PASS
	2437	SISO	1	15.959	≥0.5	PASS
	2462	SISO	1	16.010	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.024	≥0.5	PASS
	2437	SISO	1	16.444	≥0.5	PASS
	2462	SISO	1	17.311	≥0.5	PASS
802.11n(HT40)	2422	SISO	1	35.230	≥0.5	PASS
	2437	SISO	1	35.277	≥0.5	PASS
	2452	SISO	1	35.261	≥0.5	PASS

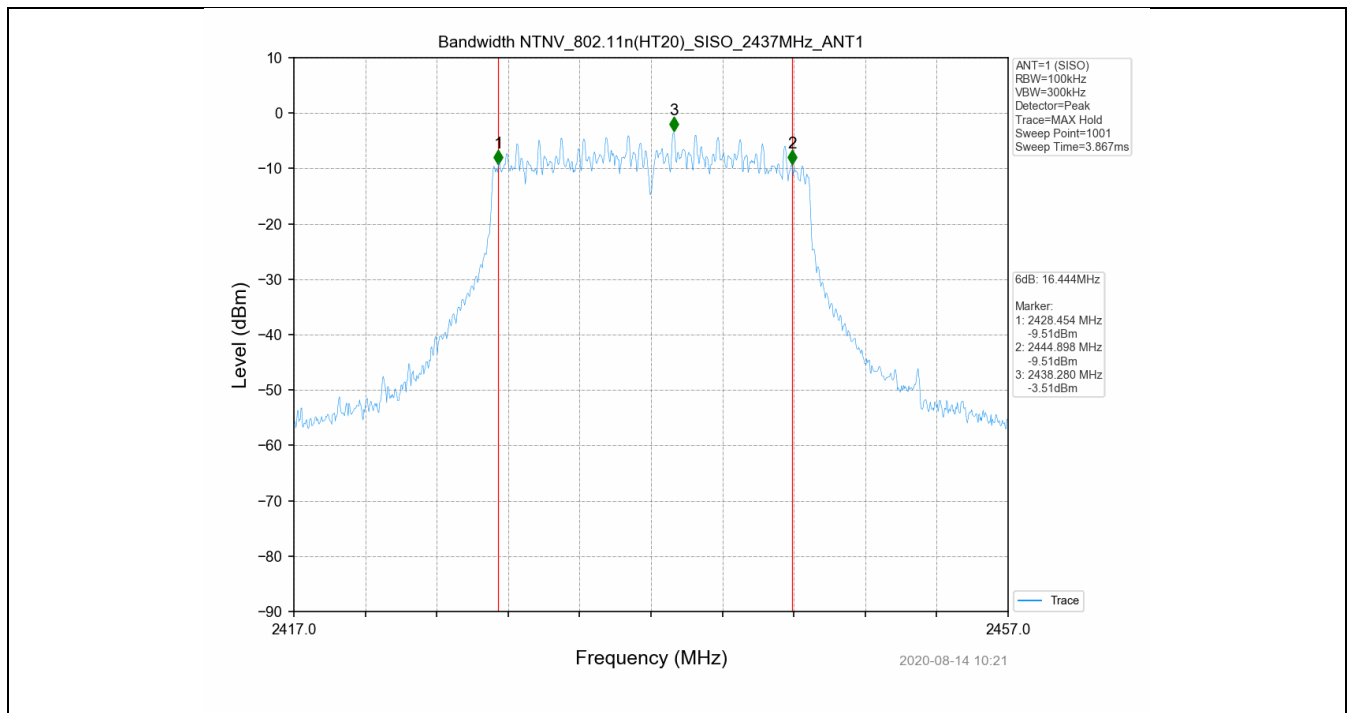
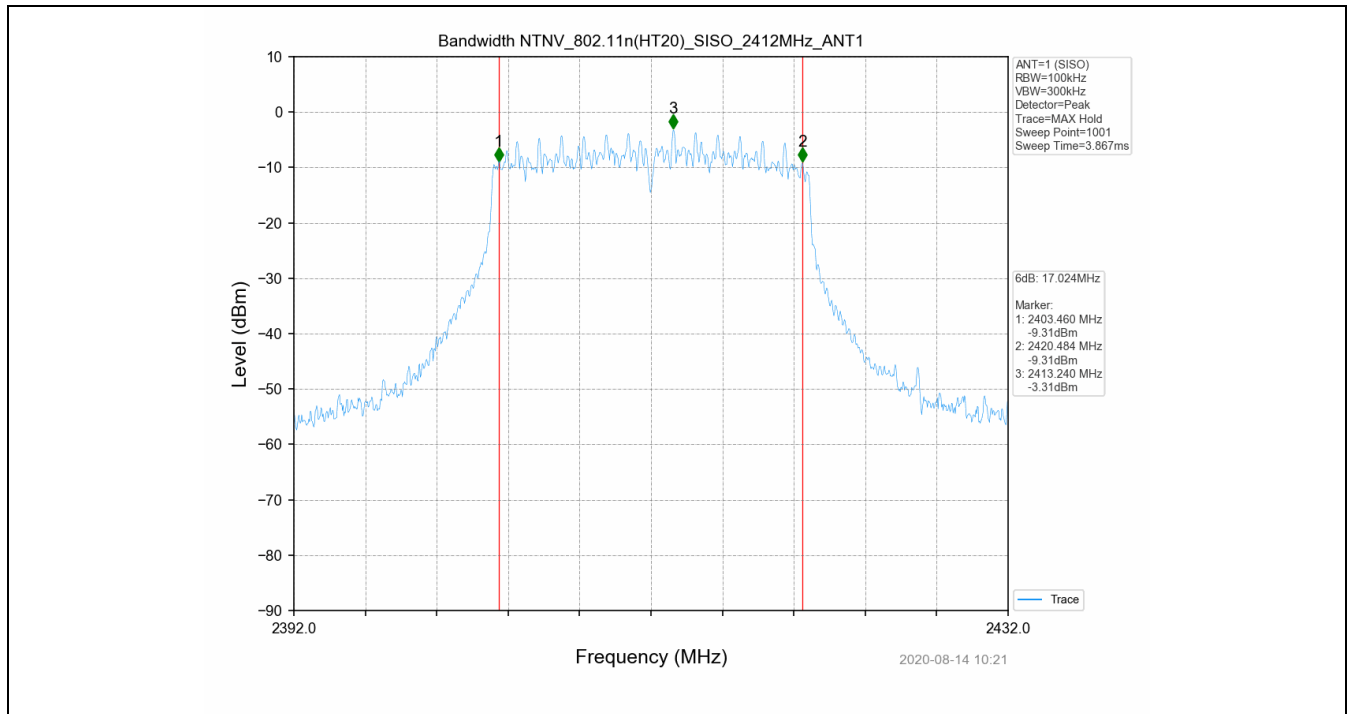
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	14.529	Only for Report Use
	2437	SISO	1	14.480	Only for Report Use
	2462	SISO	1	14.418	Only for Report Use
802.11g	2412	SISO	1	16.578	Only for Report Use
	2437	SISO	1	16.580	Only for Report Use
	2462	SISO	1	16.487	Only for Report Use
802.11n(HT20)	2412	SISO	1	17.660	Only for Report Use
	2437	SISO	1	17.662	Only for Report Use
	2462	SISO	1	17.670	Only for Report Use
802.11n(HT40)	2422	SISO	1	36.427	Only for Report Use
	2437	SISO	1	36.457	Only for Report Use
	2452	SISO	1	36.452	Only for Report Use

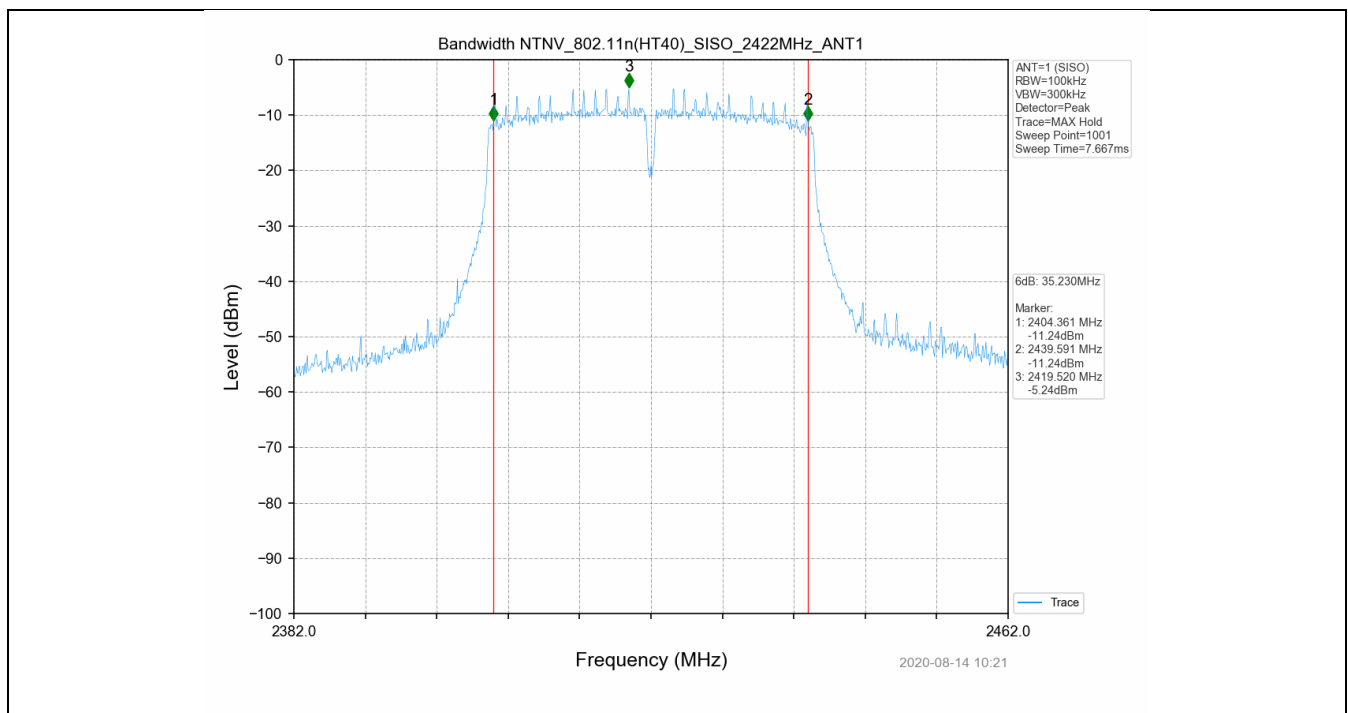
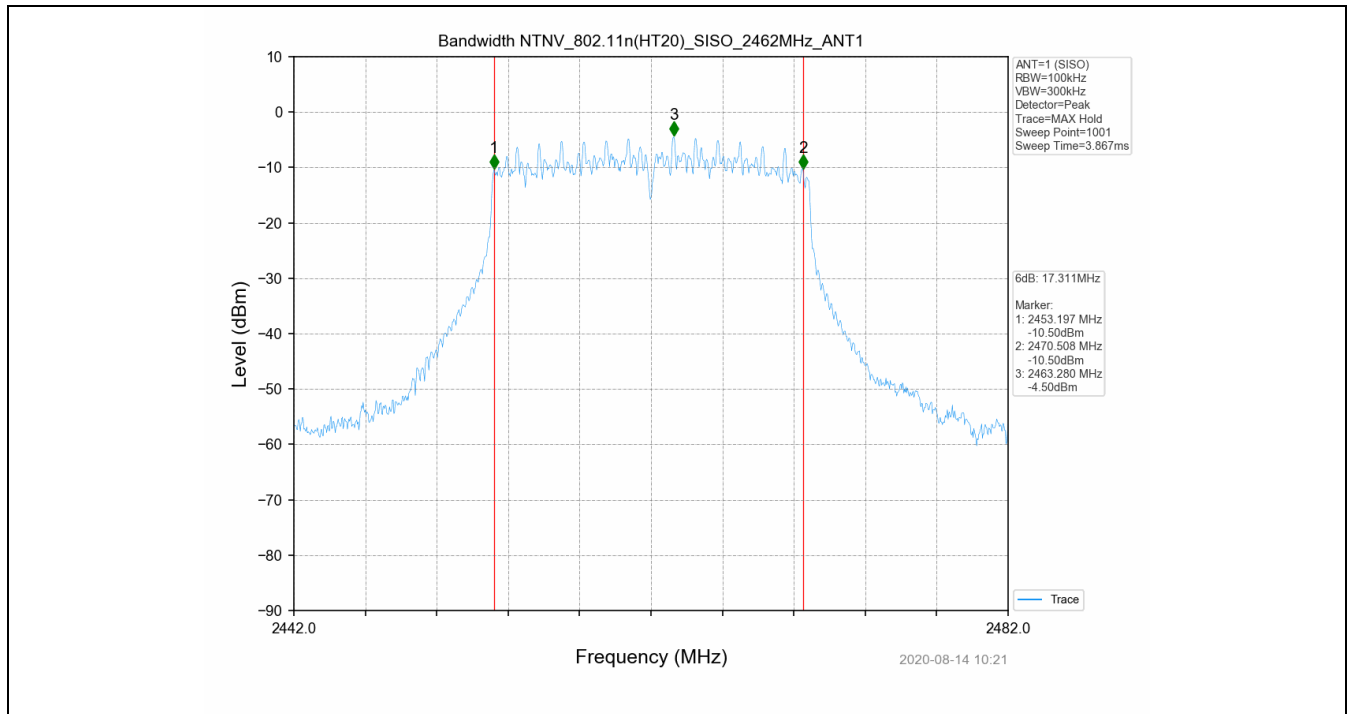
1.2 Test Graph - 6dB Bandwidth

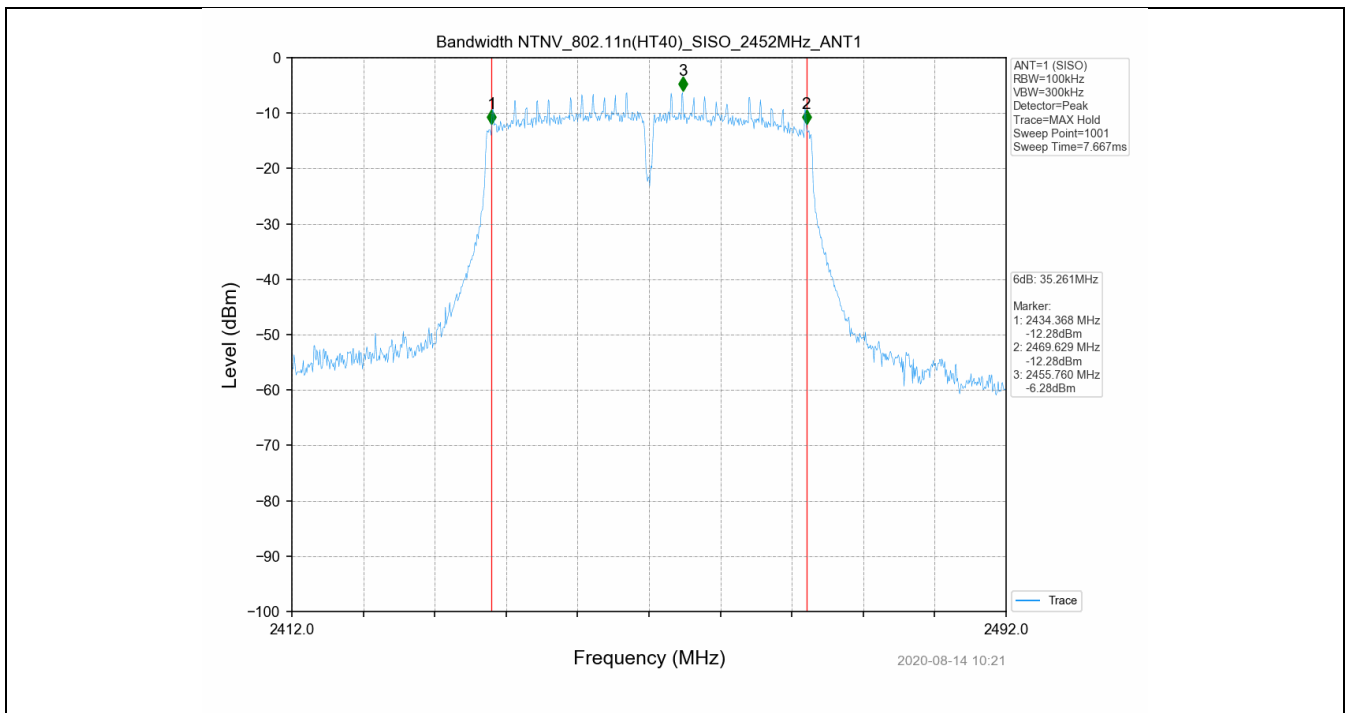
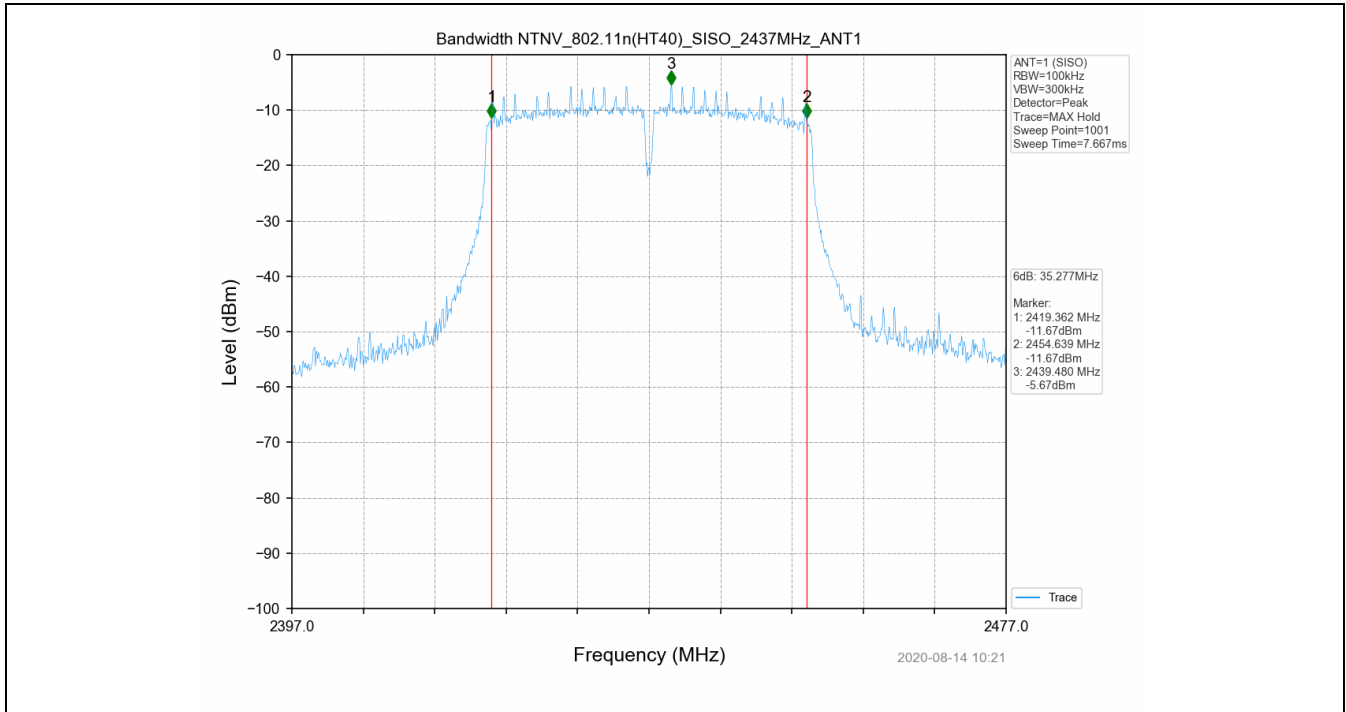




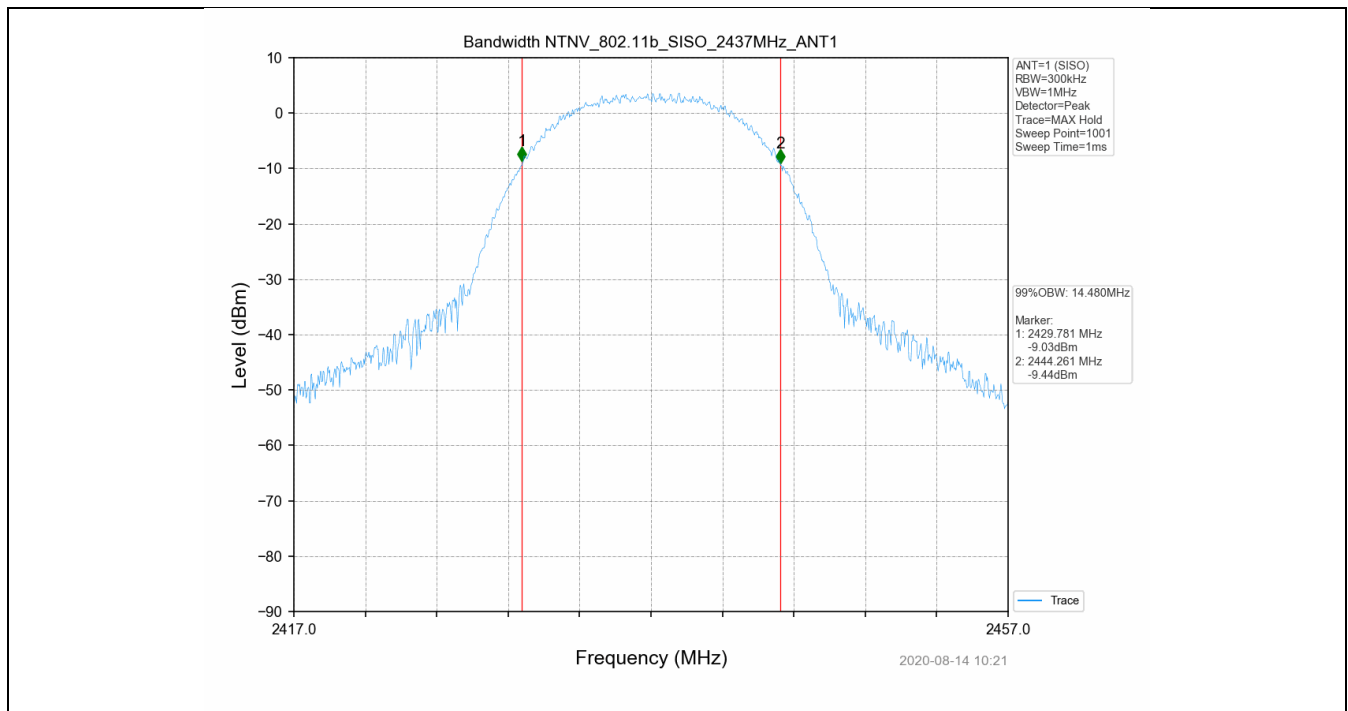
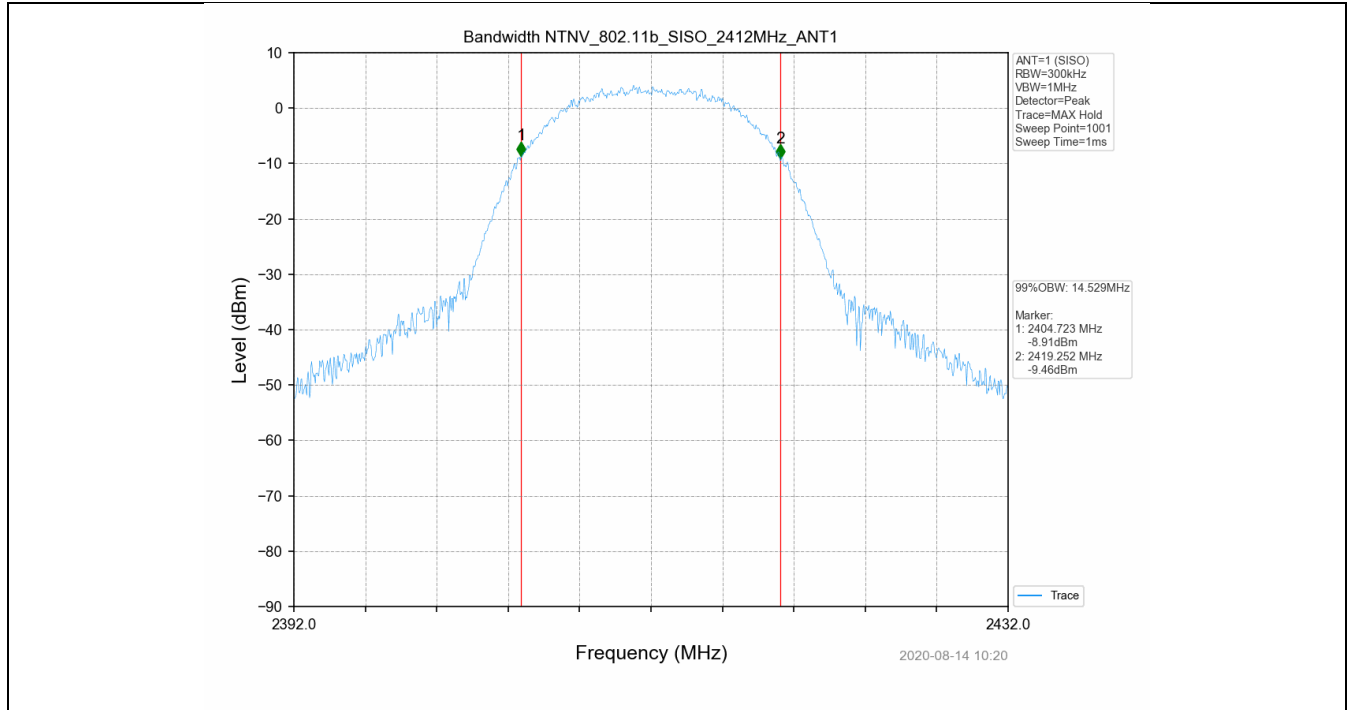


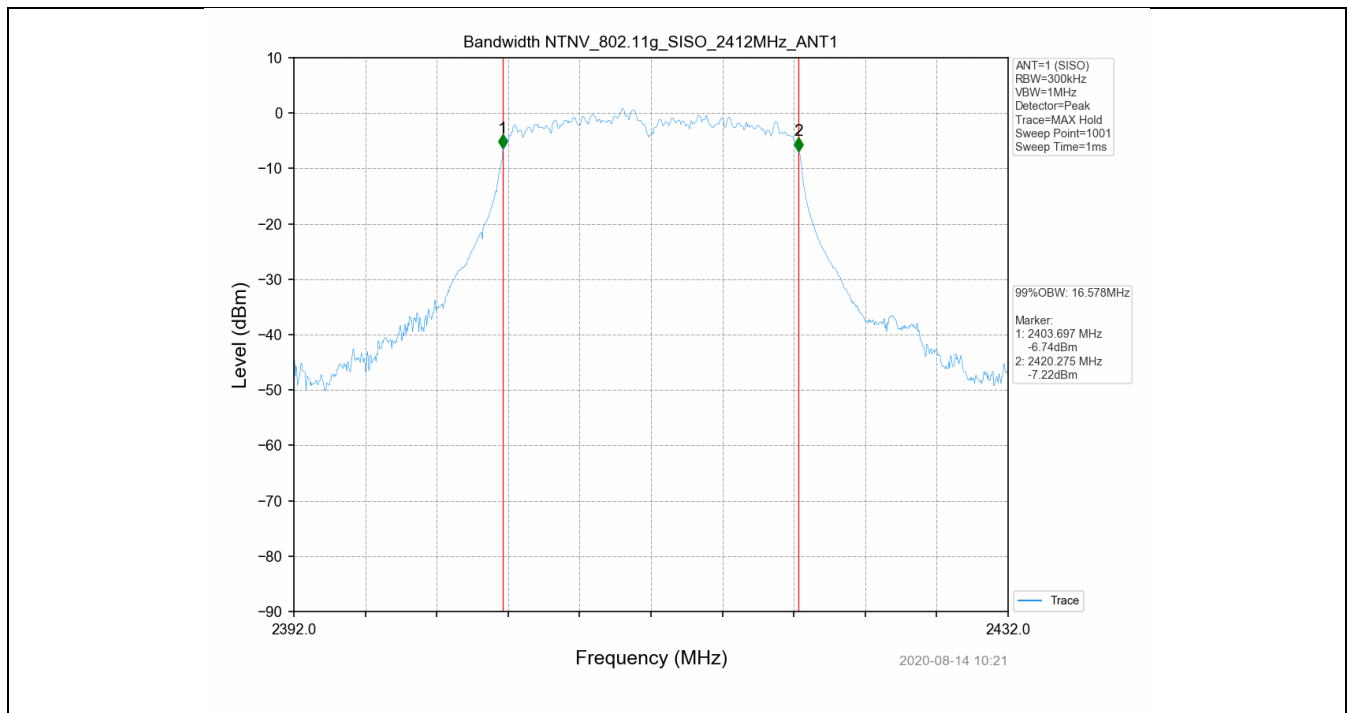
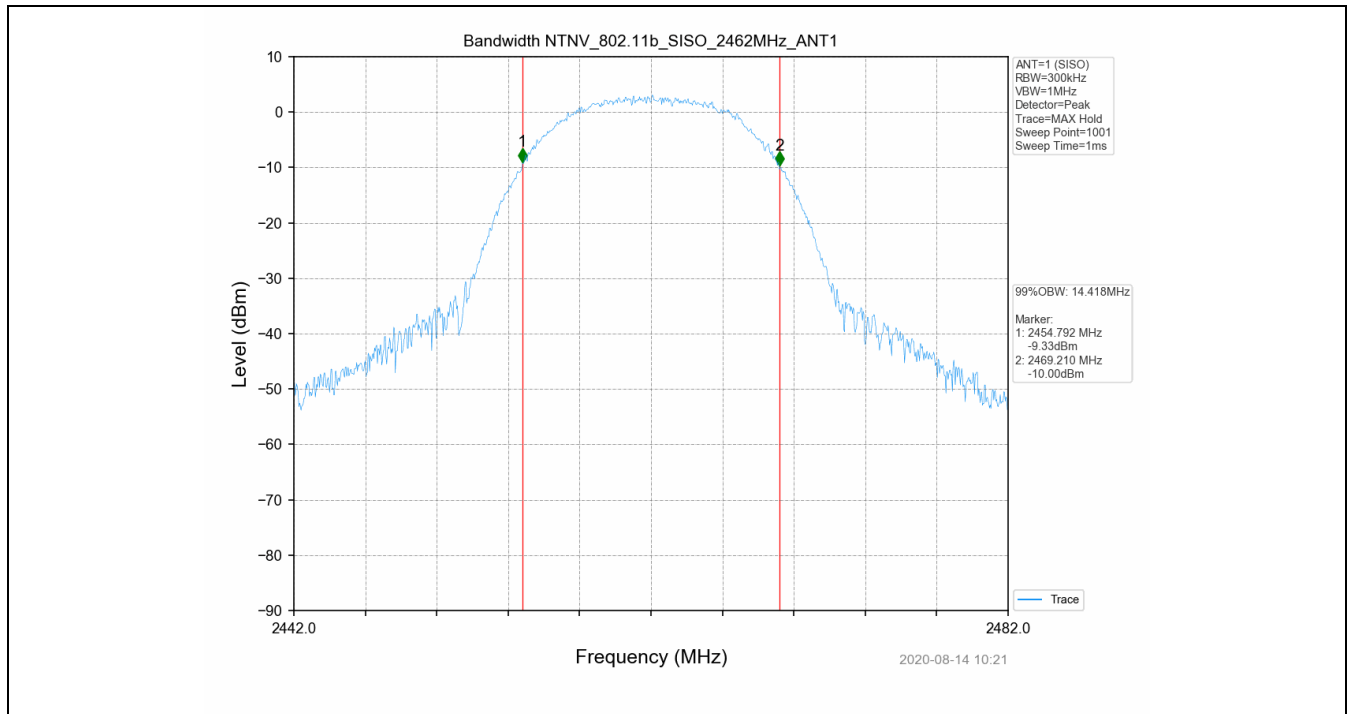


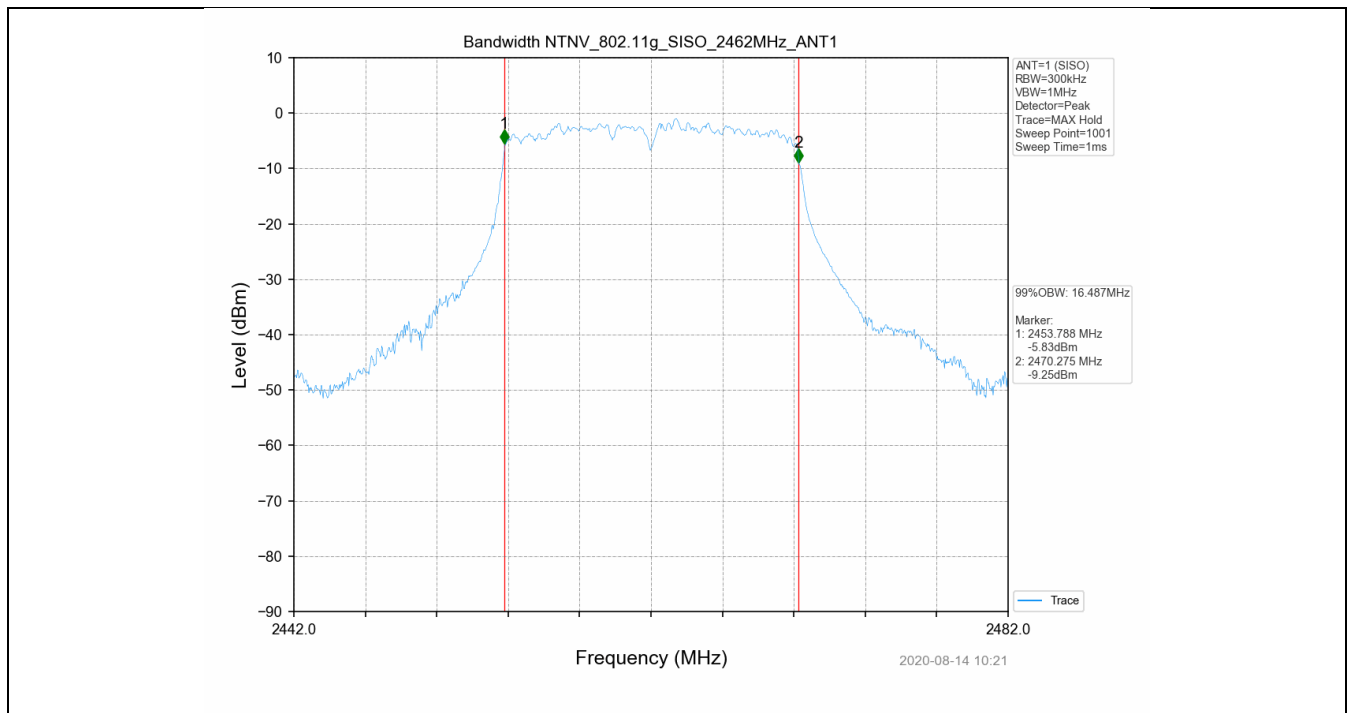
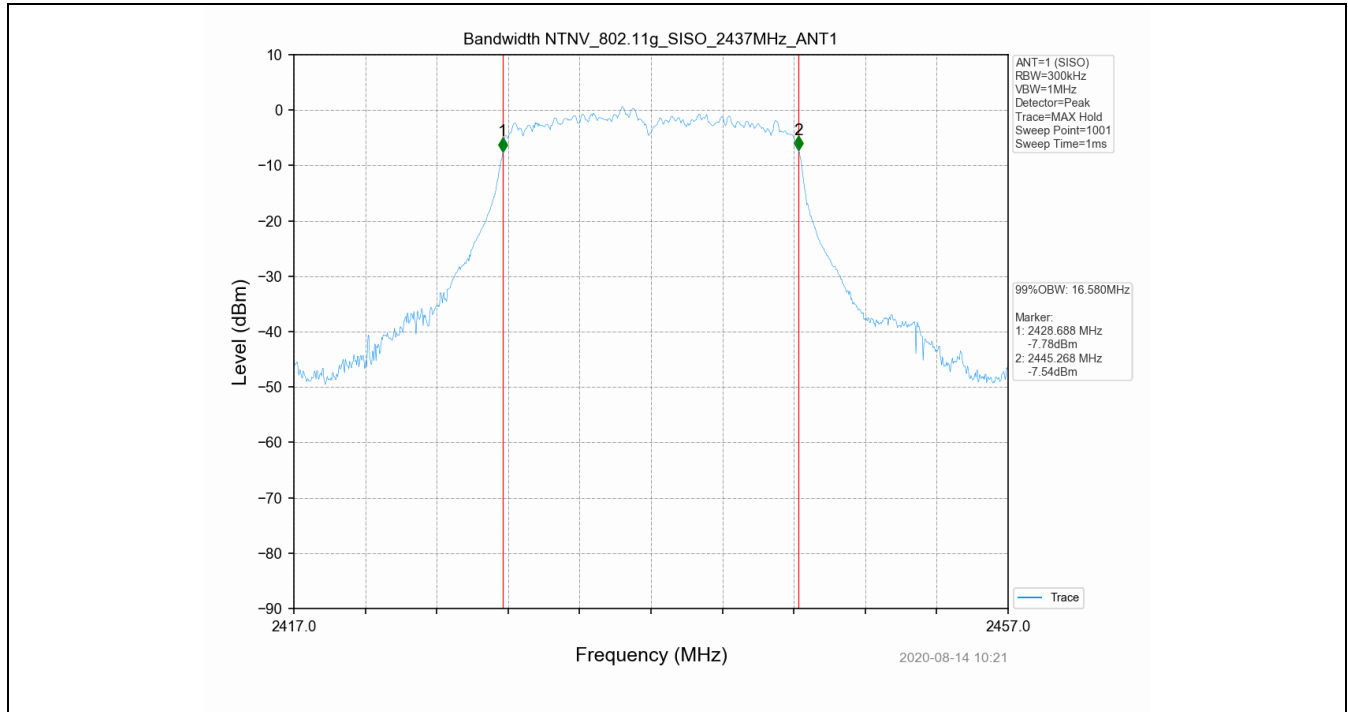


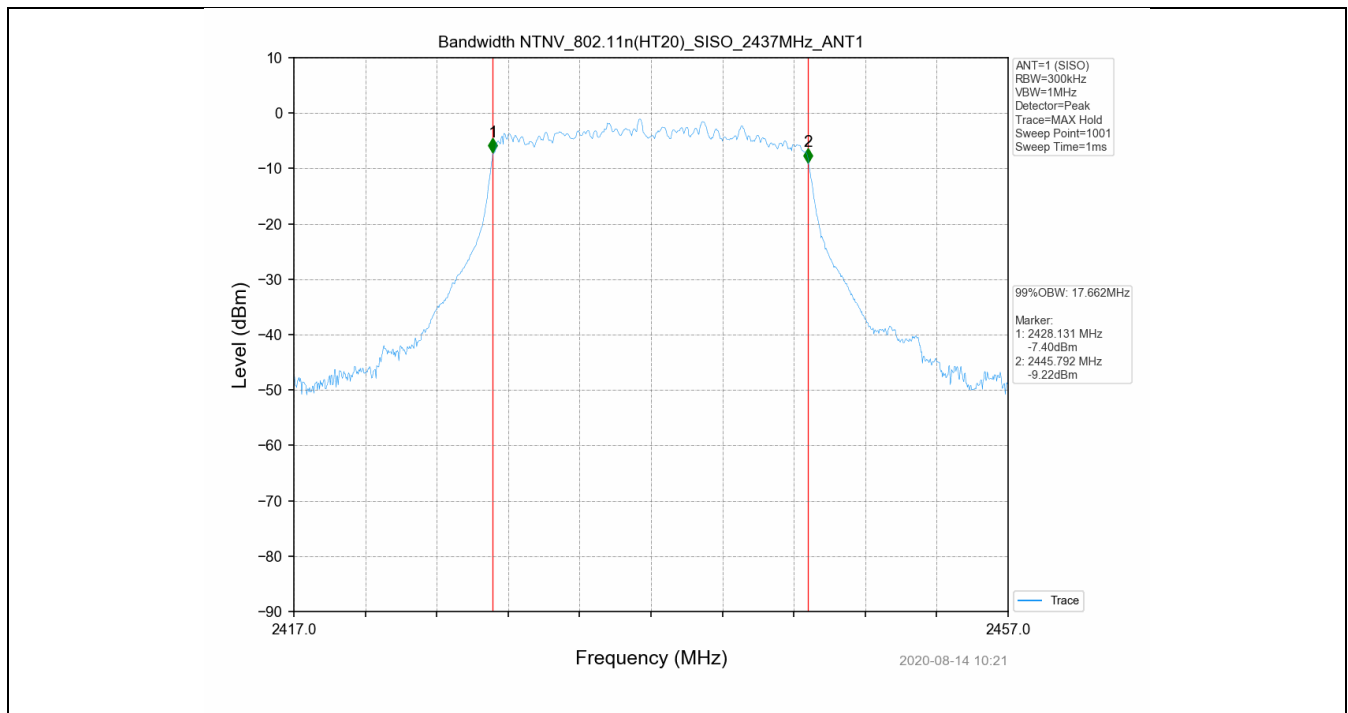
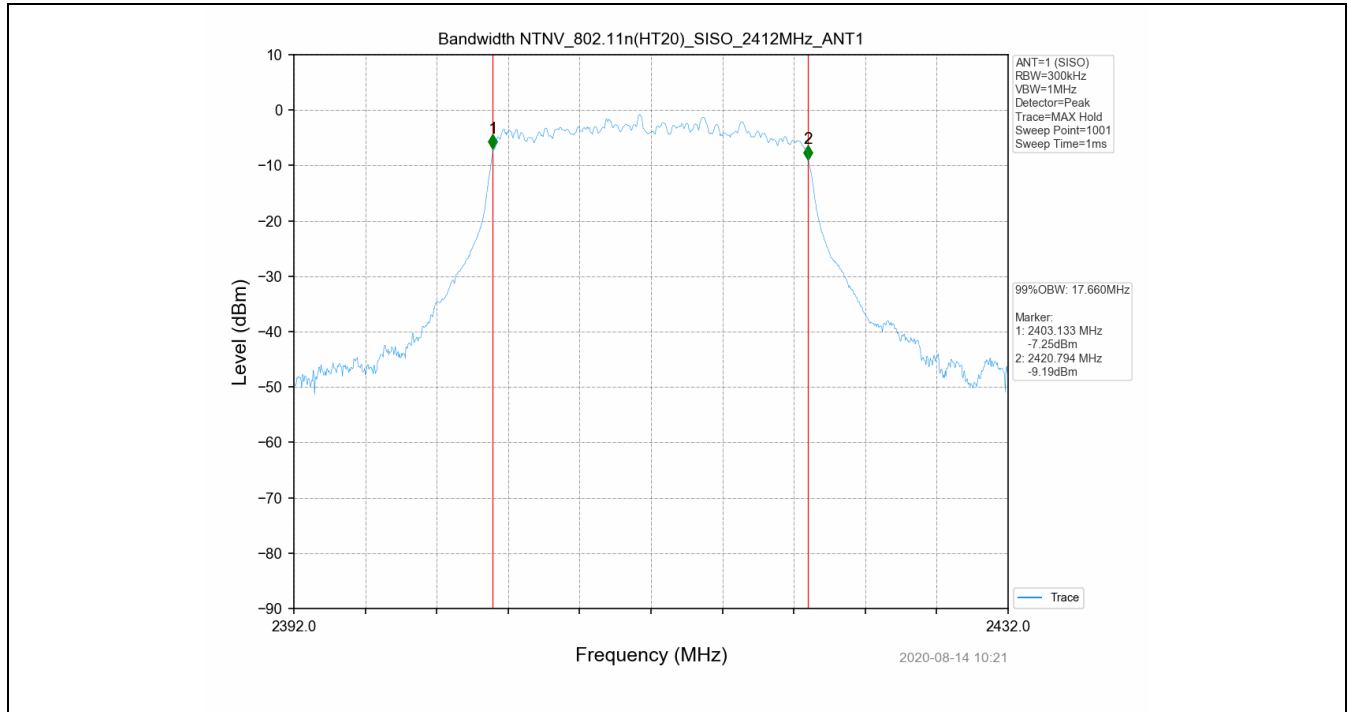


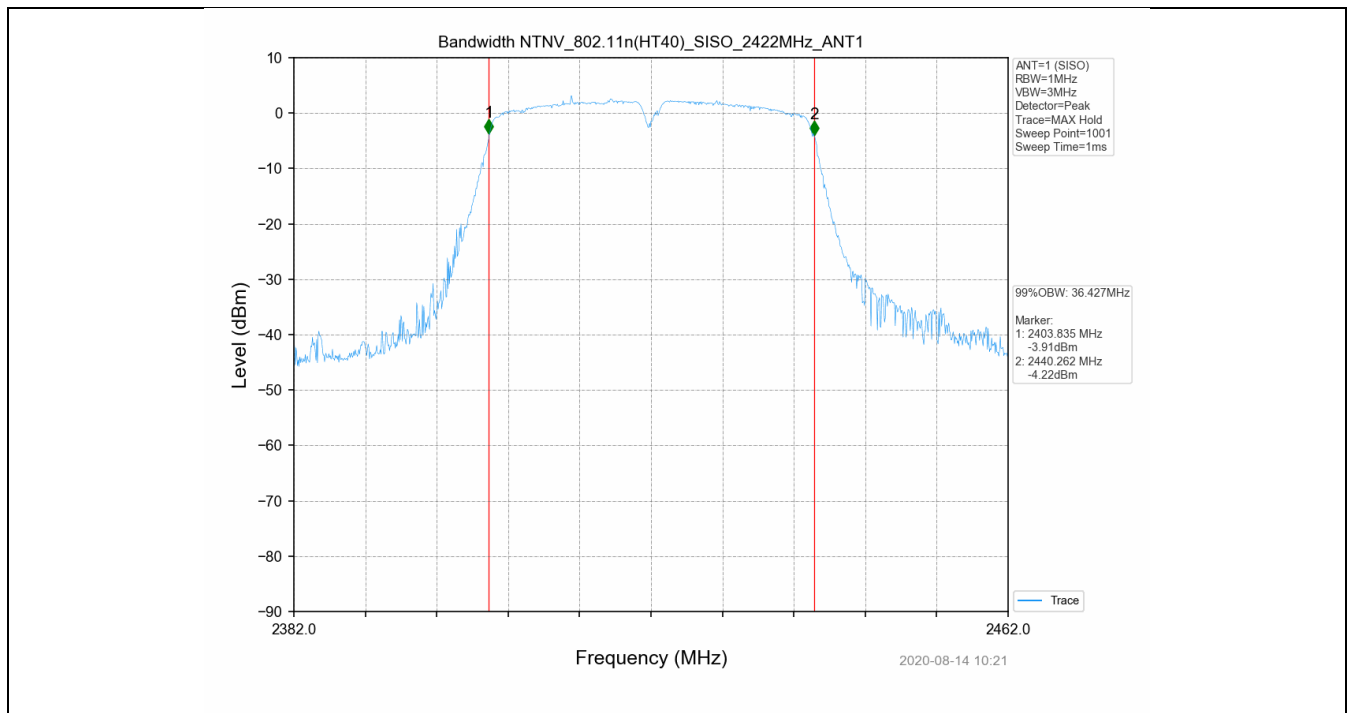
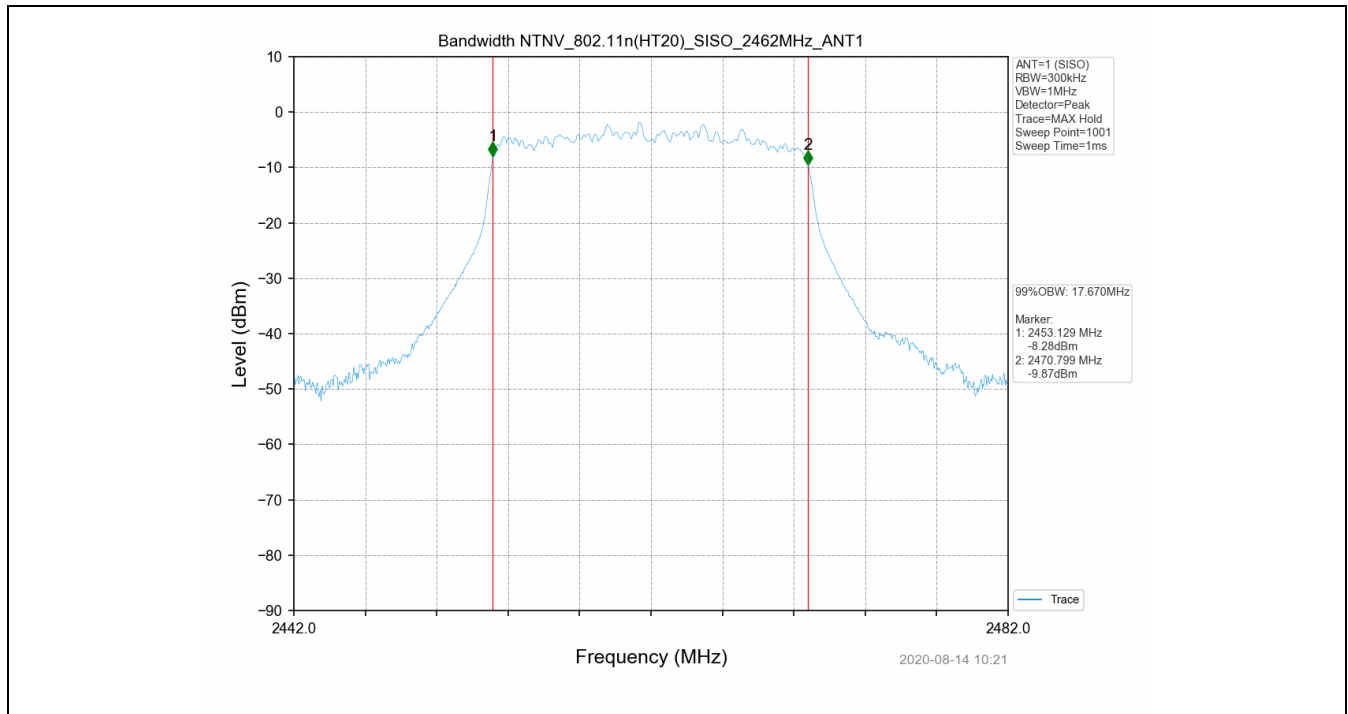
1.3 Test Graph - 99% Occupied Bandwidth

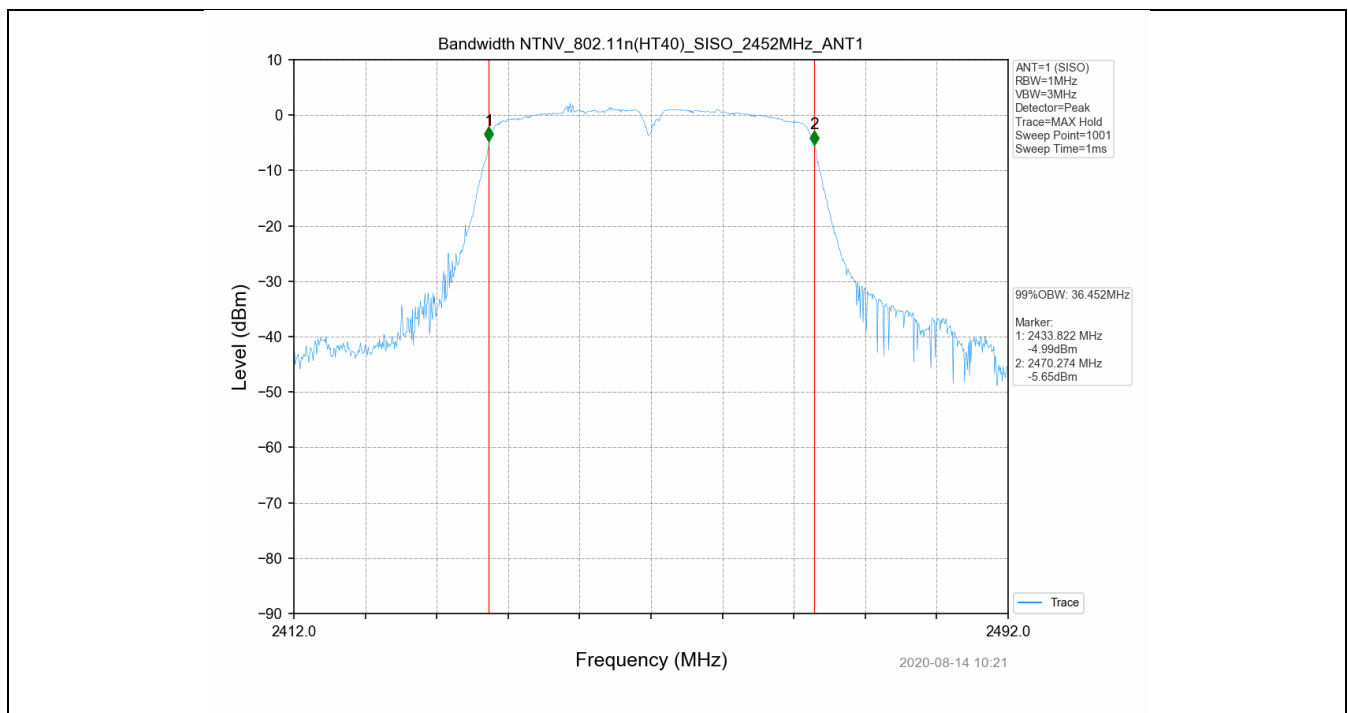
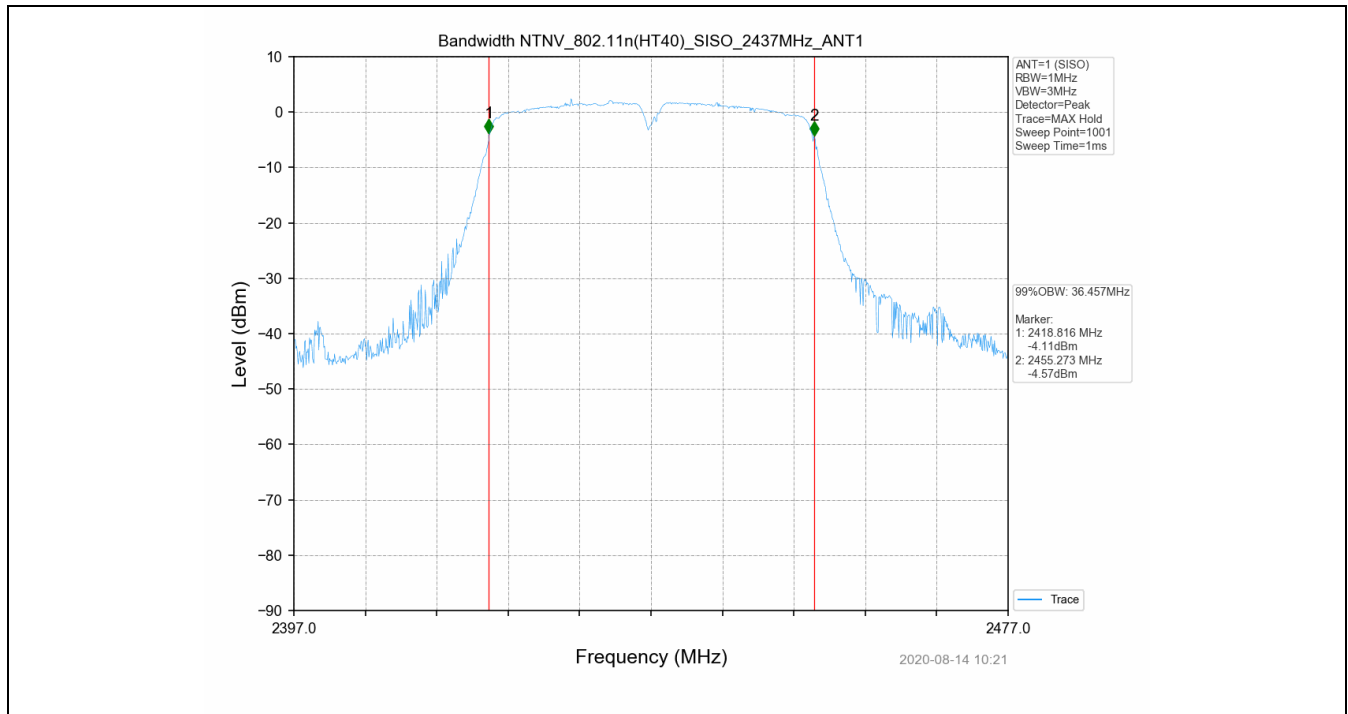










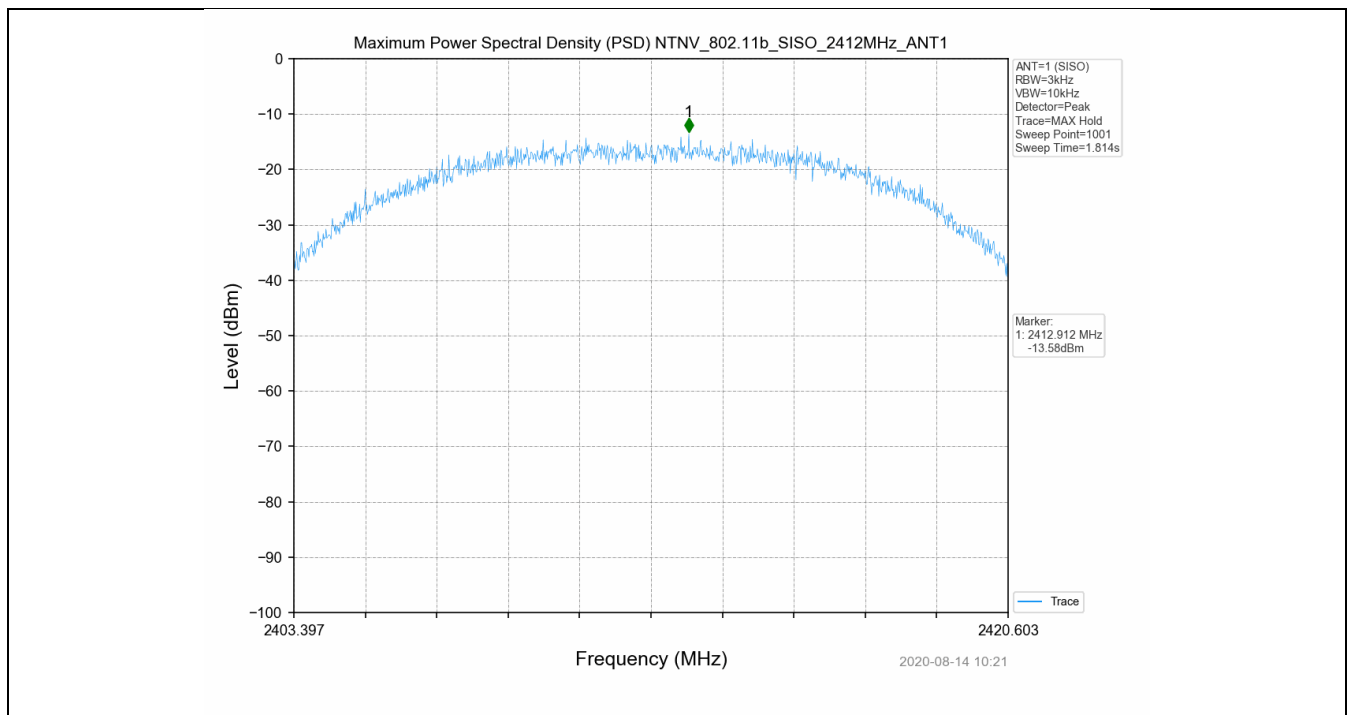


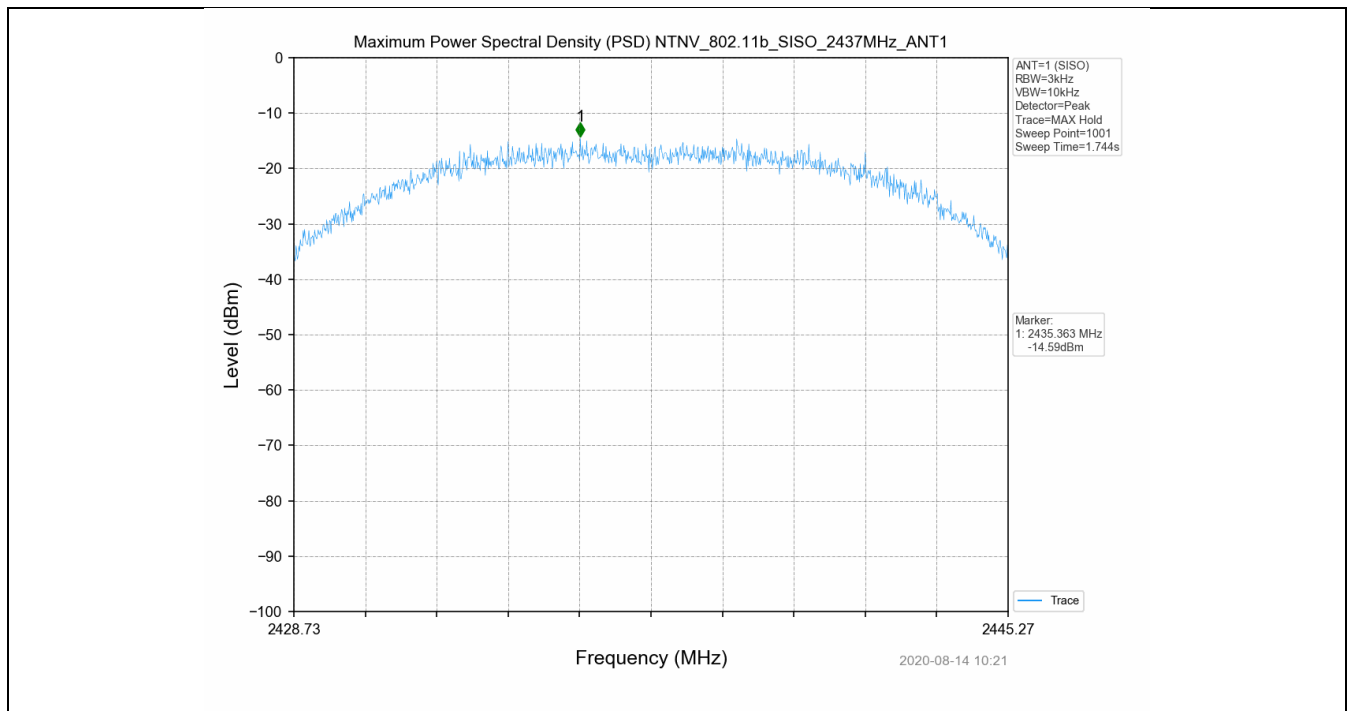
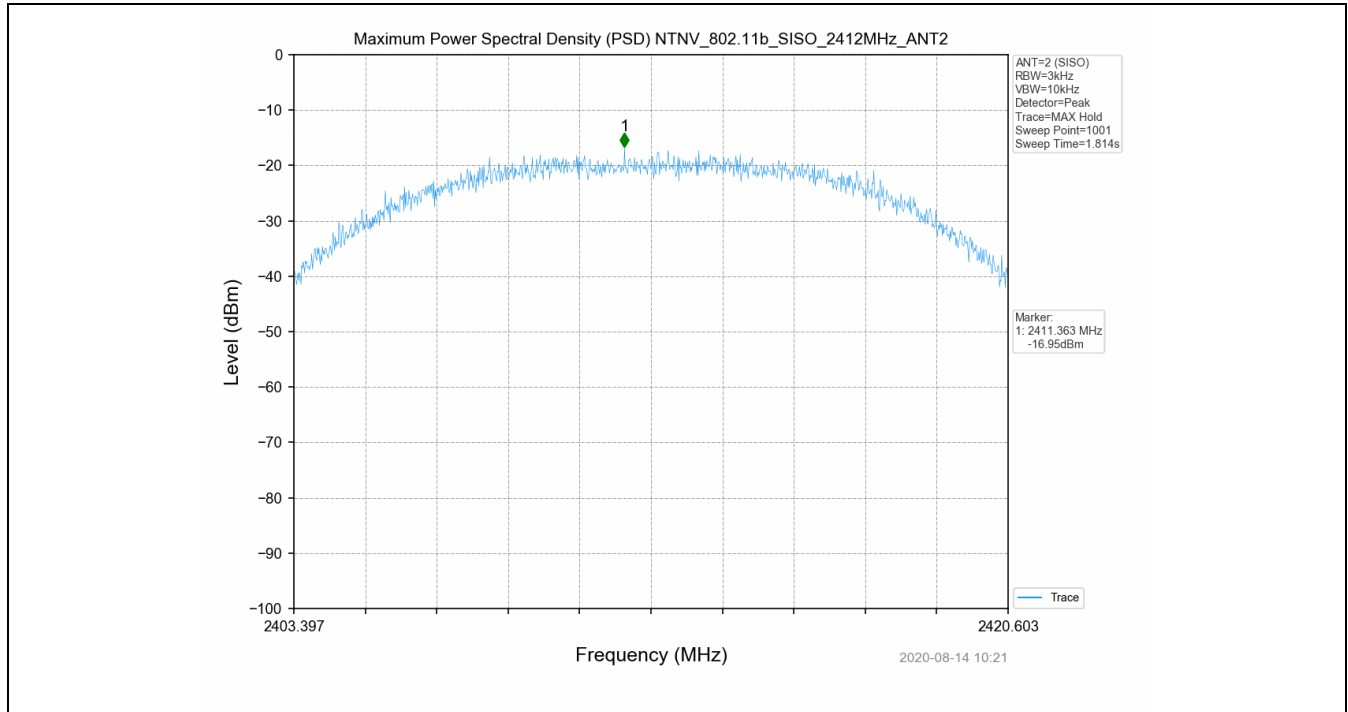
2. Maximum Power Spectral Density (PSD)

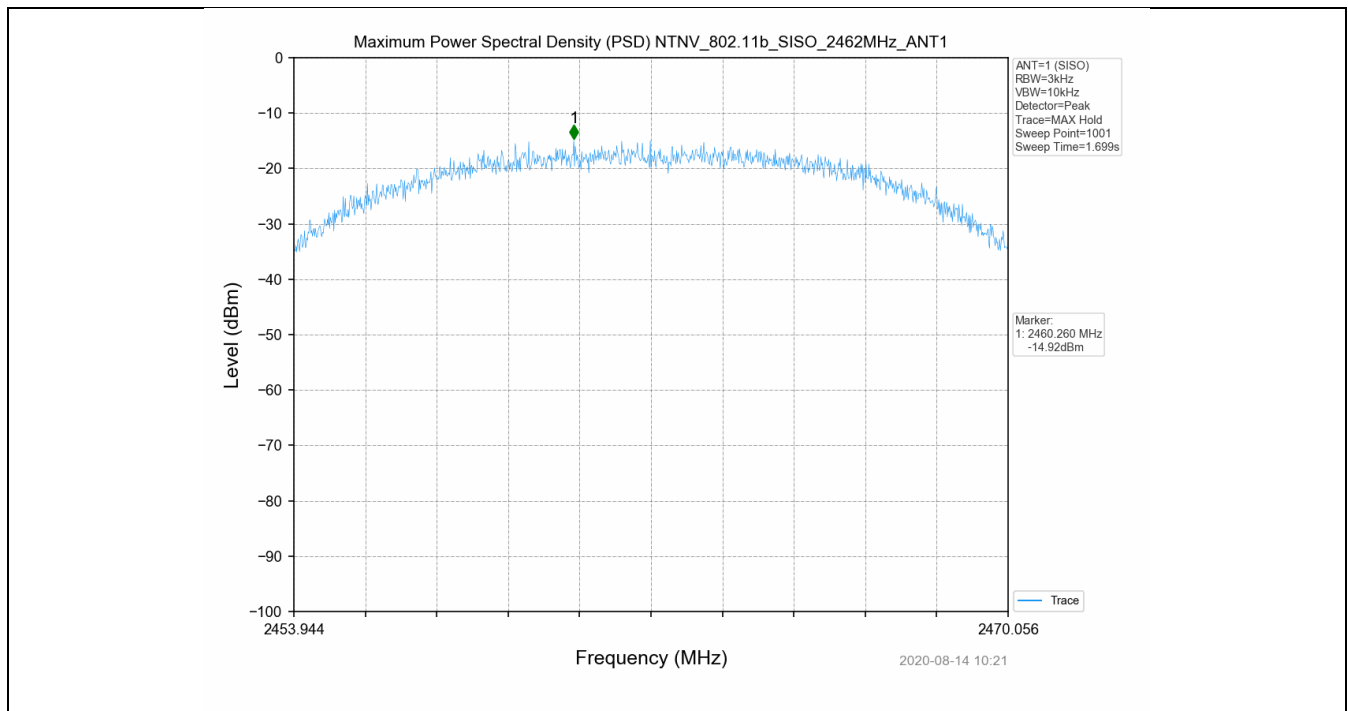
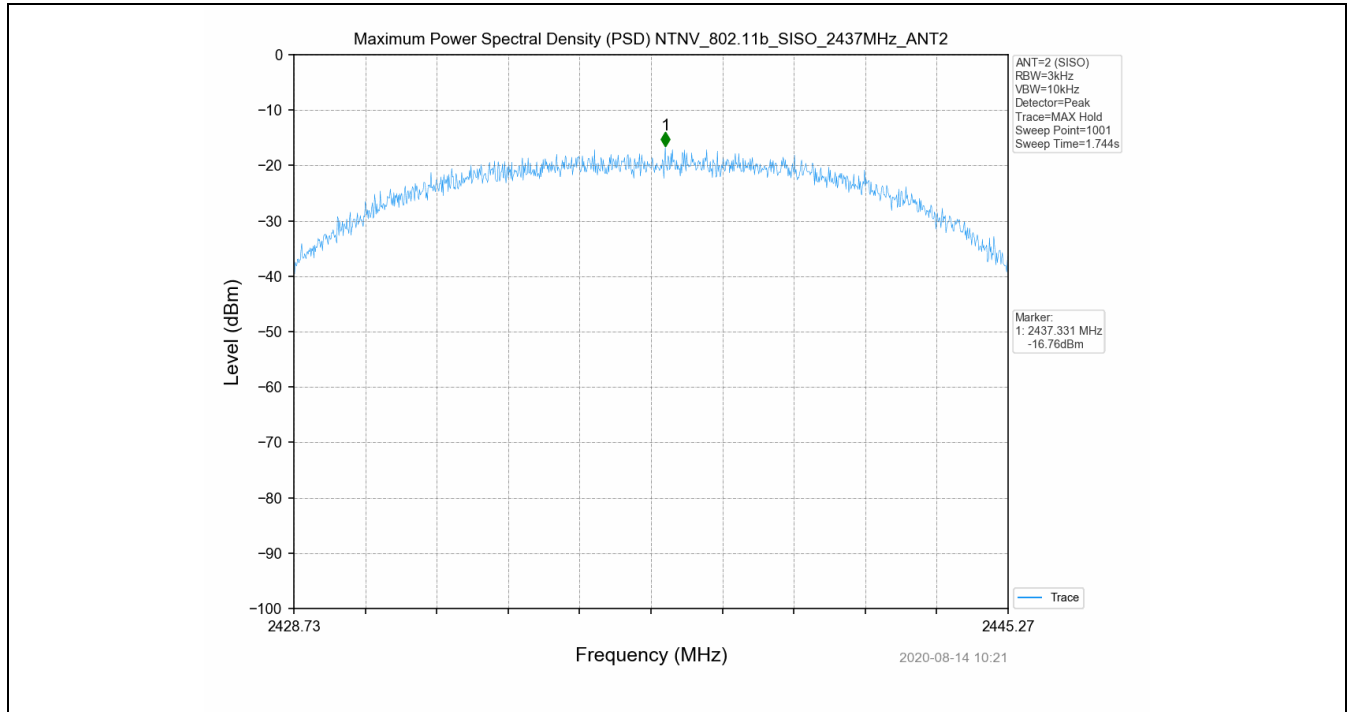
2.1 Test Result

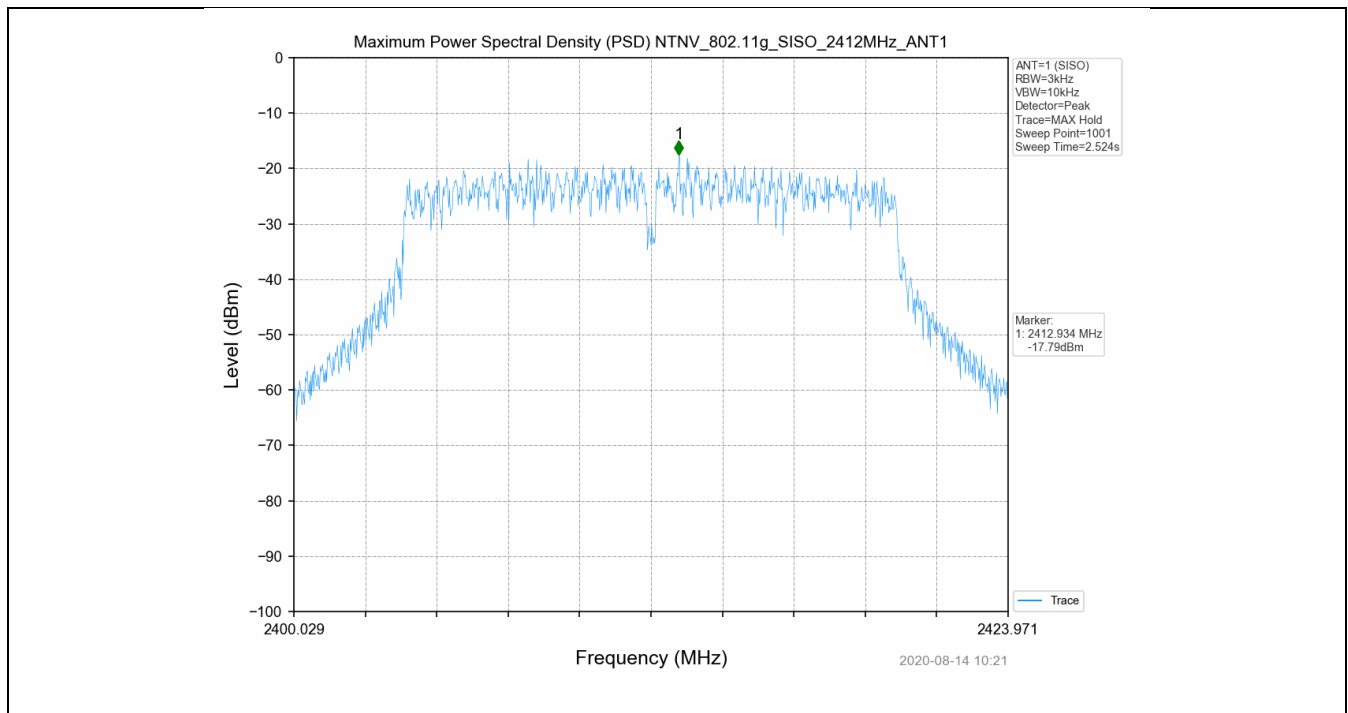
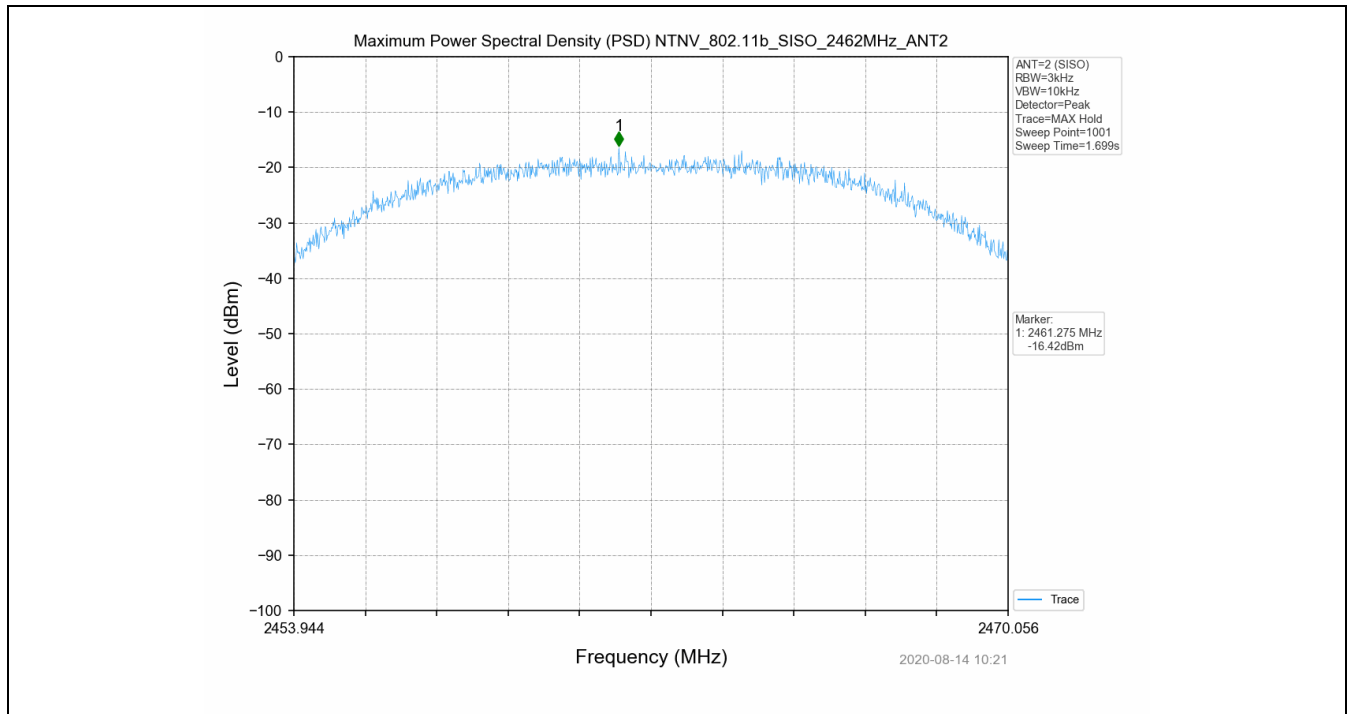
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)		Limits (dBm/3kHz)	Verdict
			Ant 1	Ant 2		
802.11b	2412	SISO	-13.58	-16.95	≤8	PASS
	2437	SISO	-14.59	-16.76	≤8	PASS
	2462	SISO	-14.92	-16.42	≤8	PASS
802.11g	2412	SISO	-17.79	-19.92	≤8	PASS
	2437	SISO	-18.04	-19.86	≤8	PASS
	2462	SISO	-20.04	-20.31	≤8	PASS
802.11n(HT20)	2412	SISO	-18.10	-21.12	≤8	PASS
	2437	SISO	-18.36	-21.20	≤8	PASS
	2462	SISO	-19.28	-21.40	≤8	PASS
802.11n(HT40)	2422	SISO	-19.56	-21.36	≤8	PASS
	2437	SISO	-19.87	-21.99	≤8	PASS
	2452	SISO	-20.55	-22.13	≤8	PASS

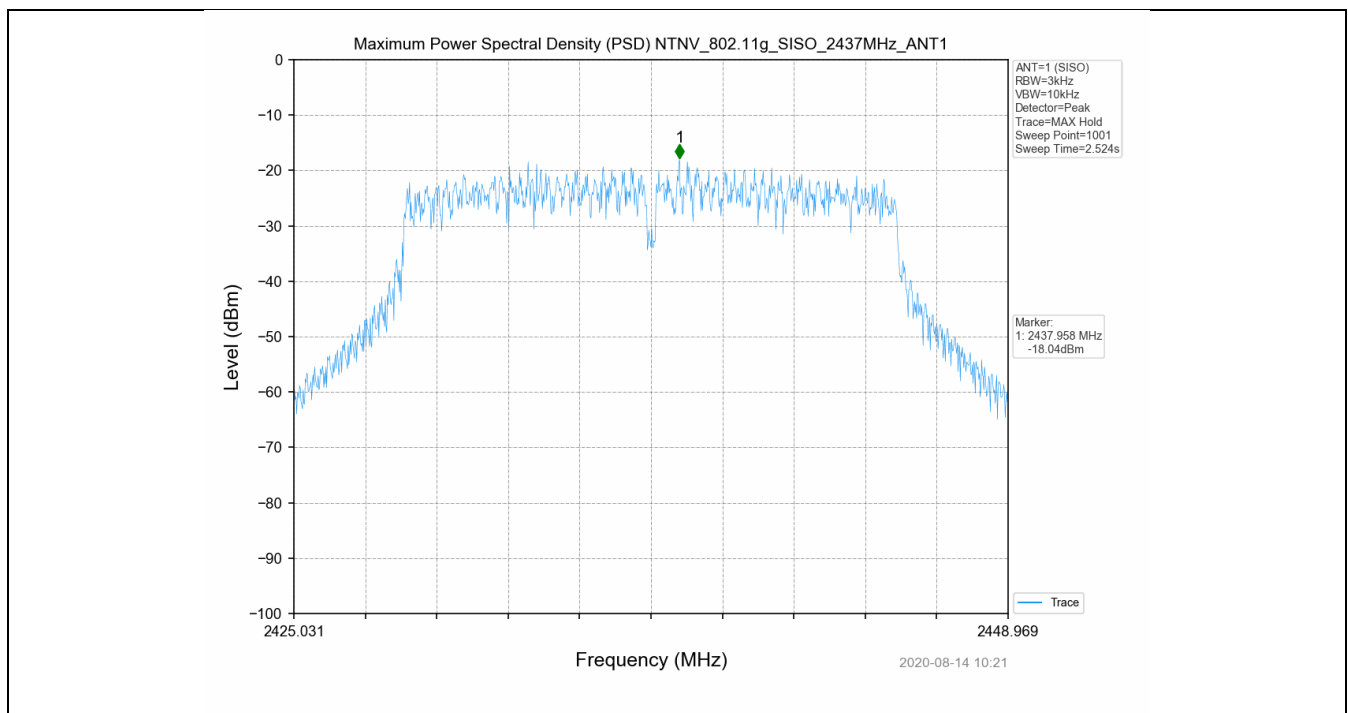
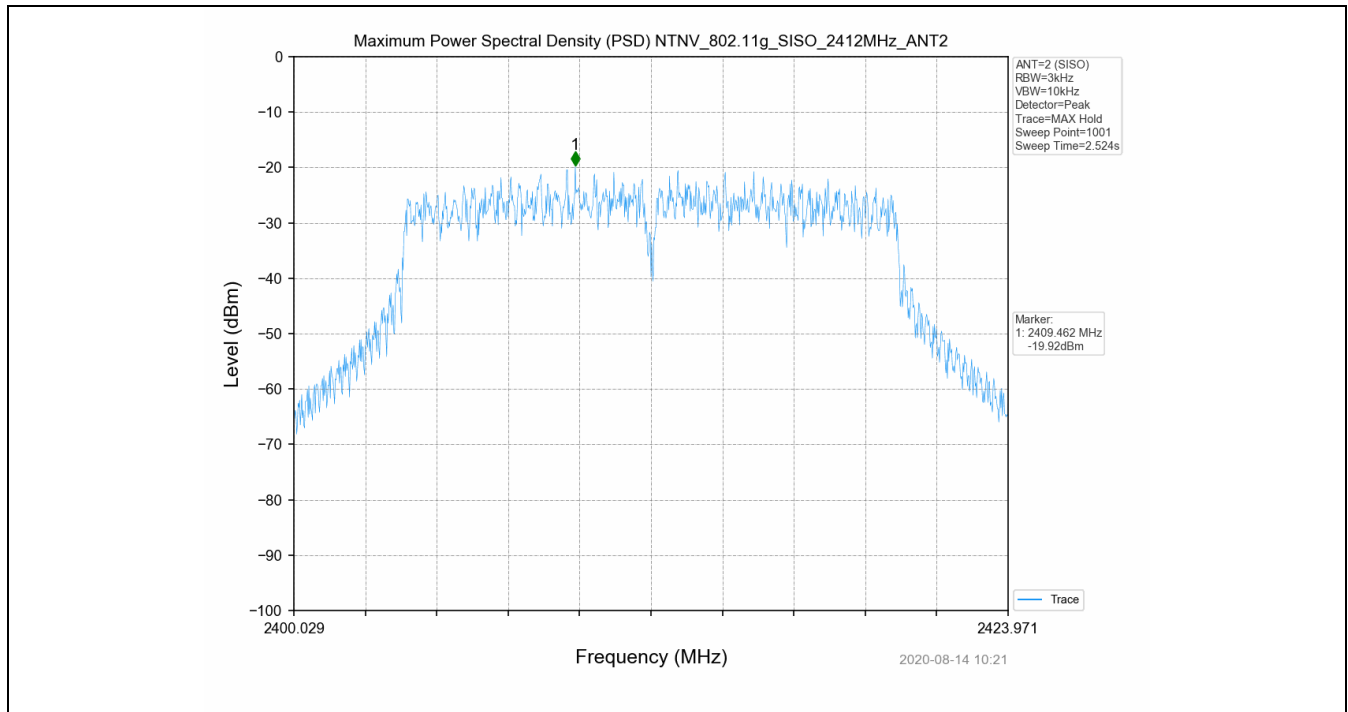
2.2 Test Graph

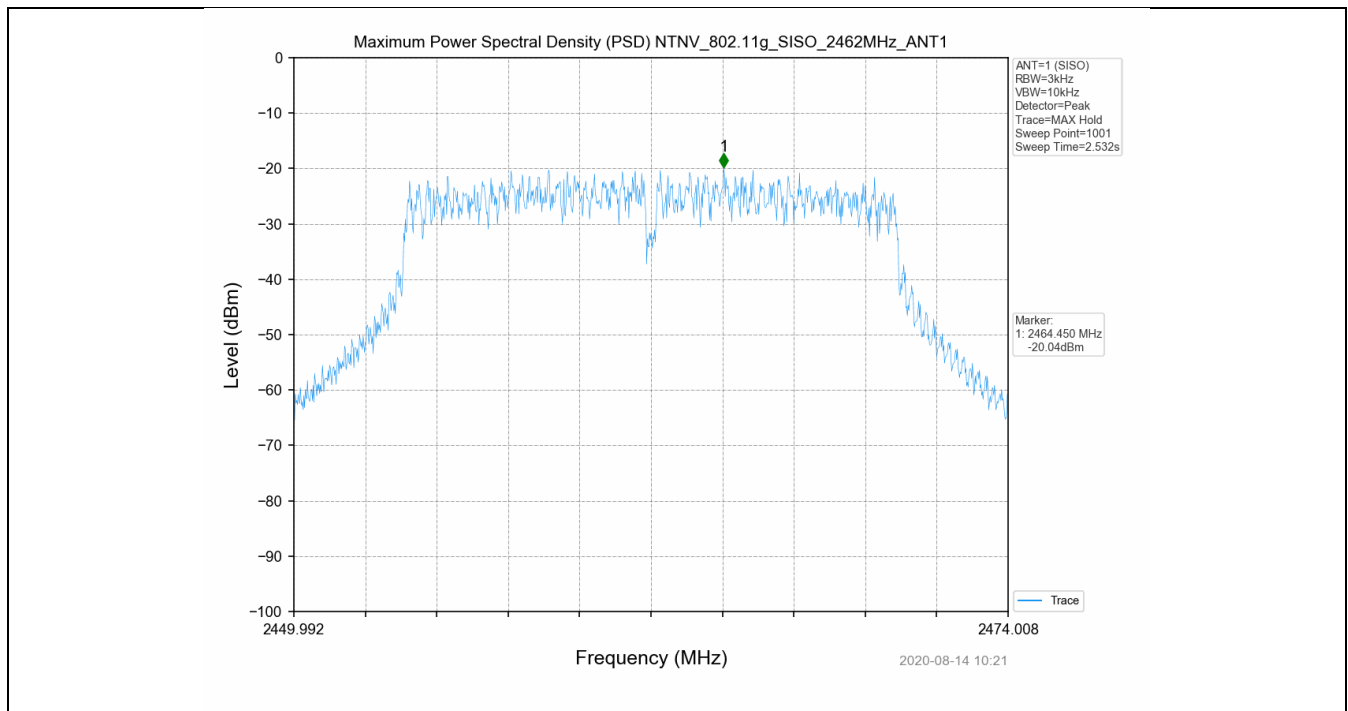
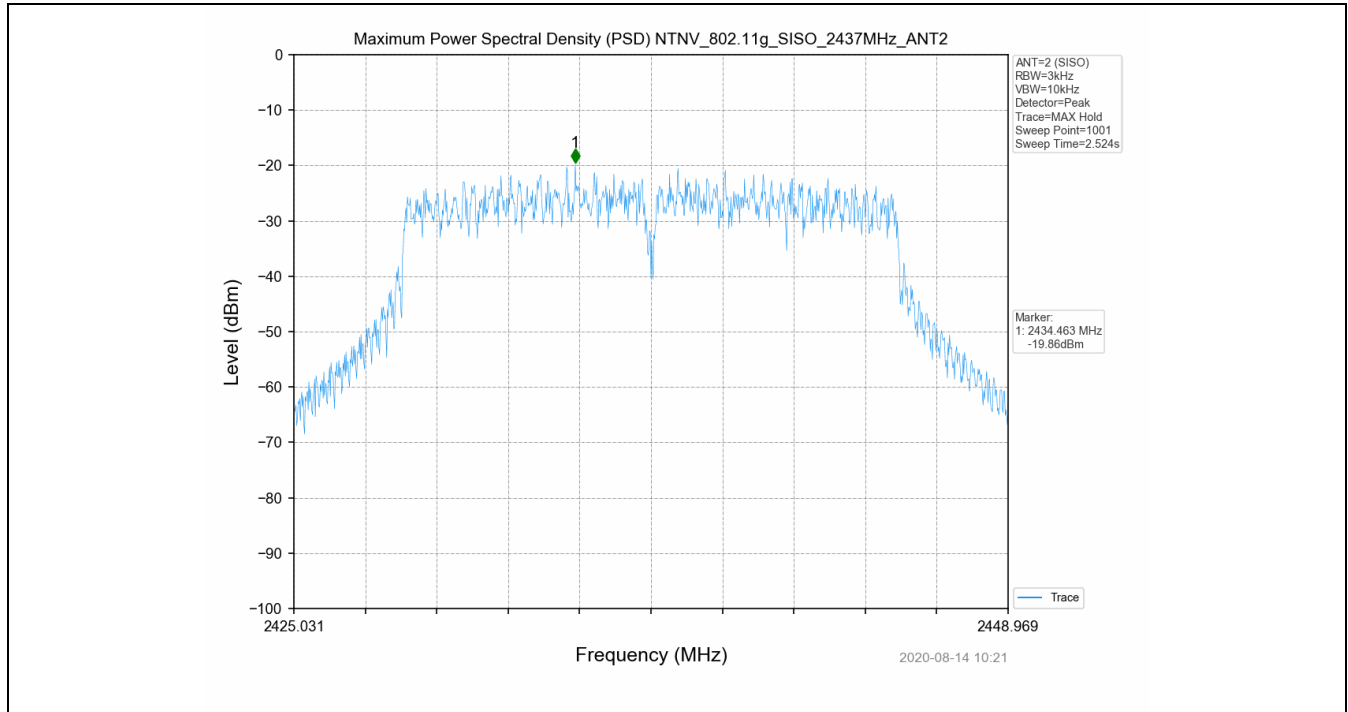


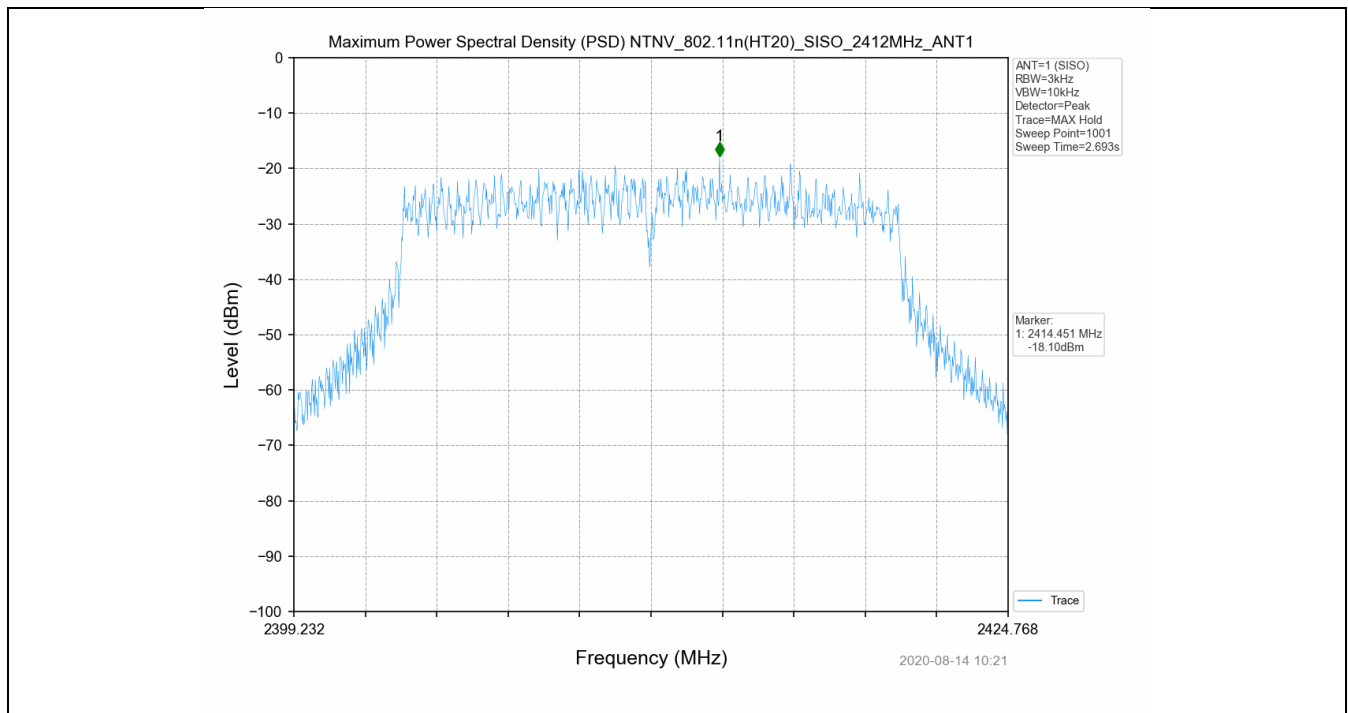
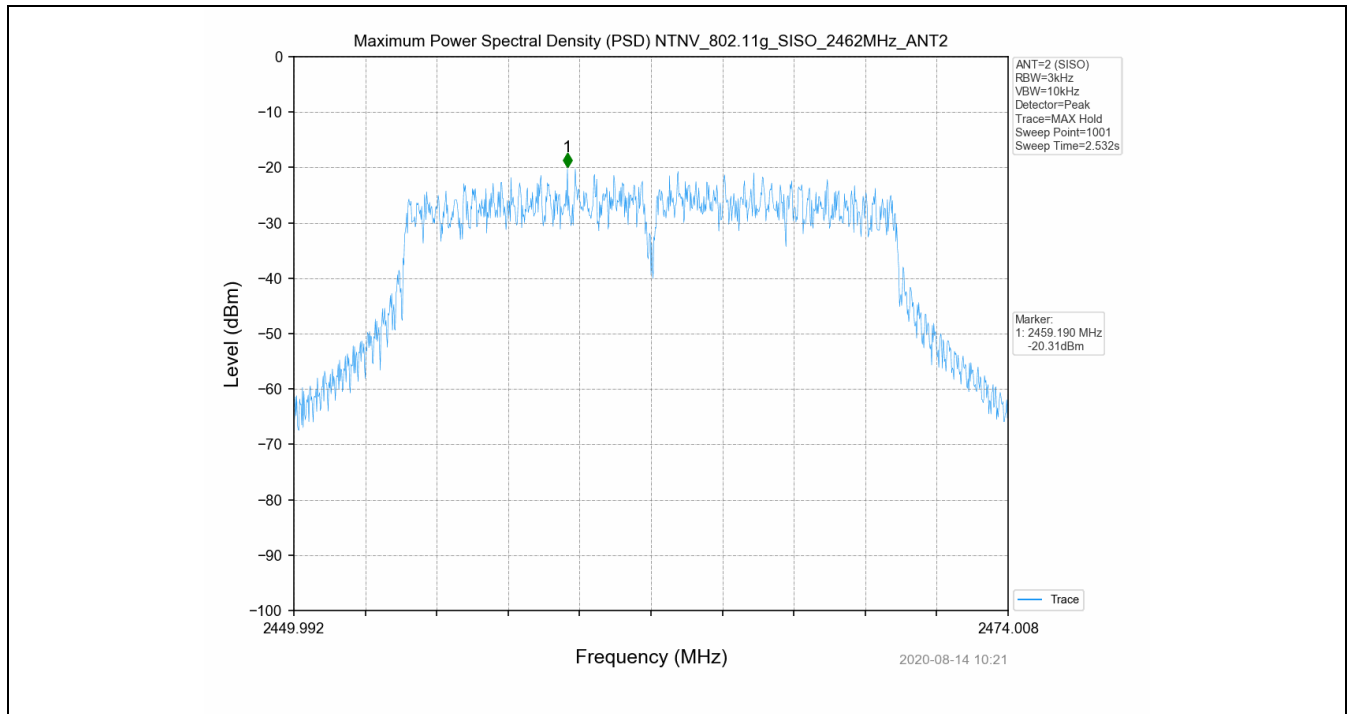


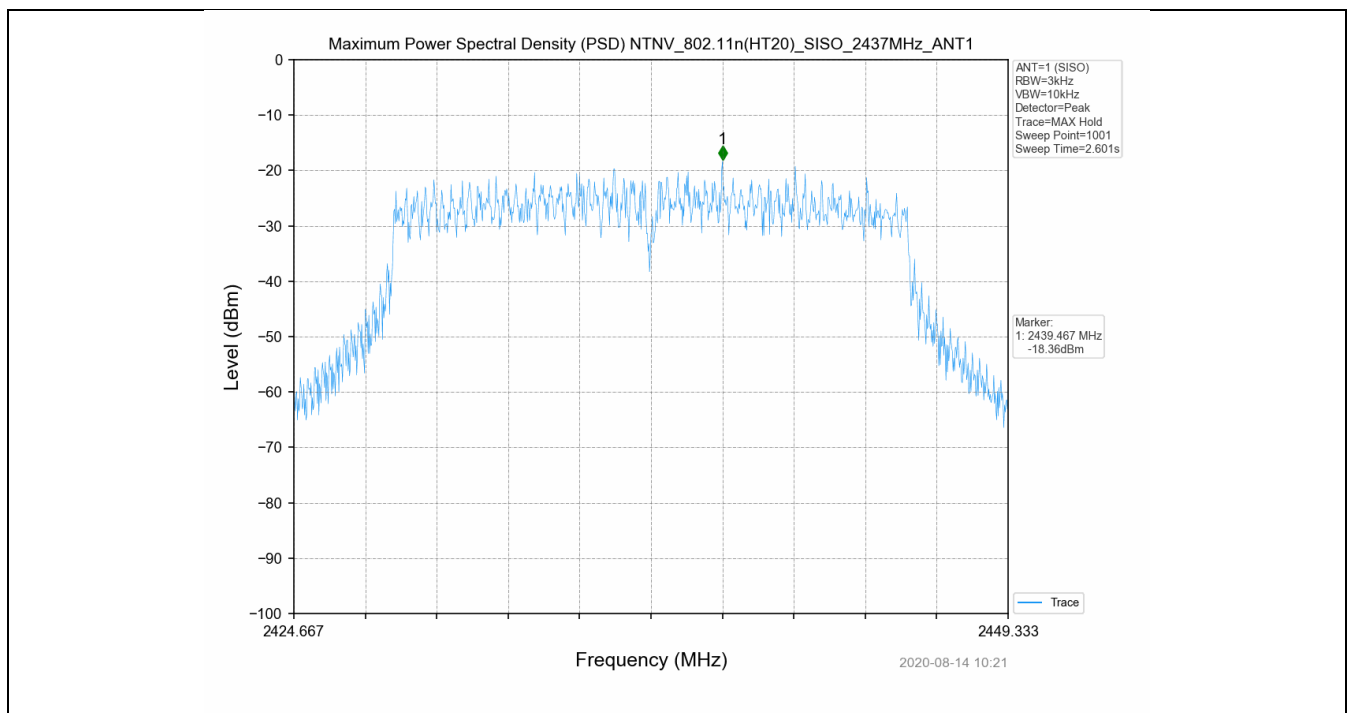
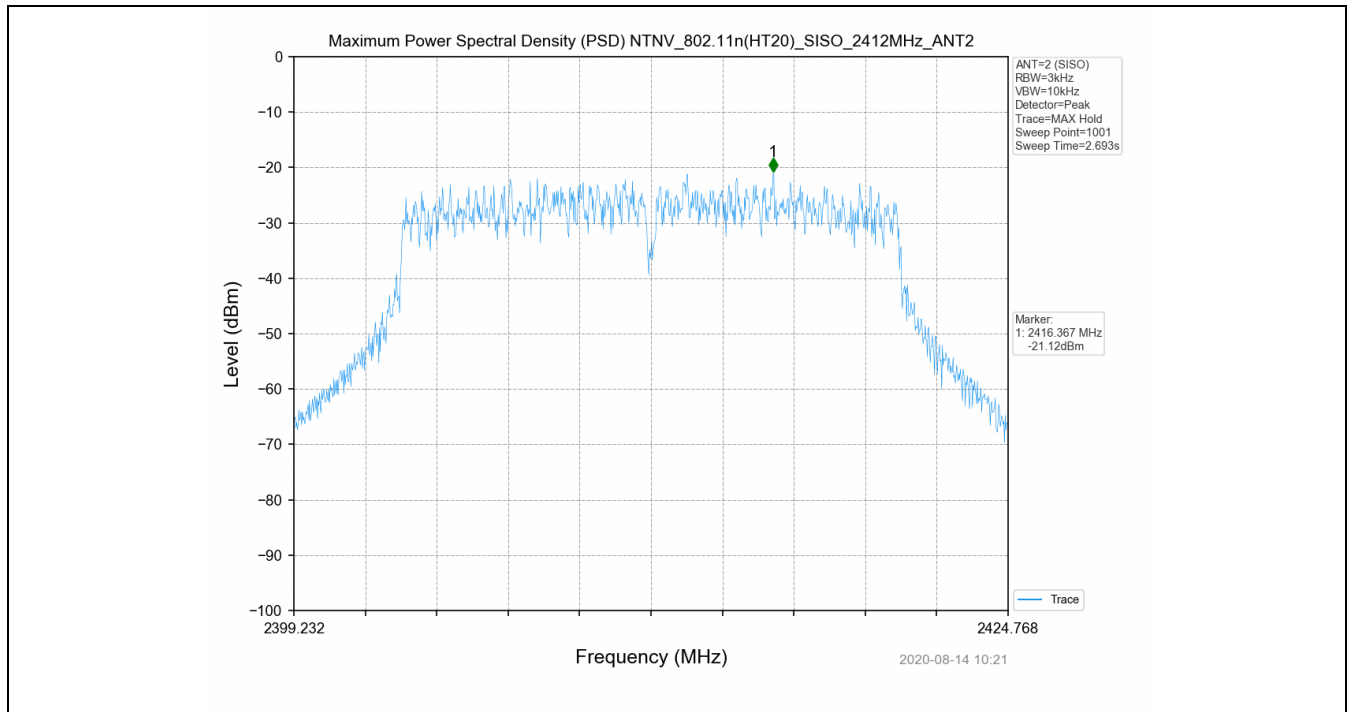


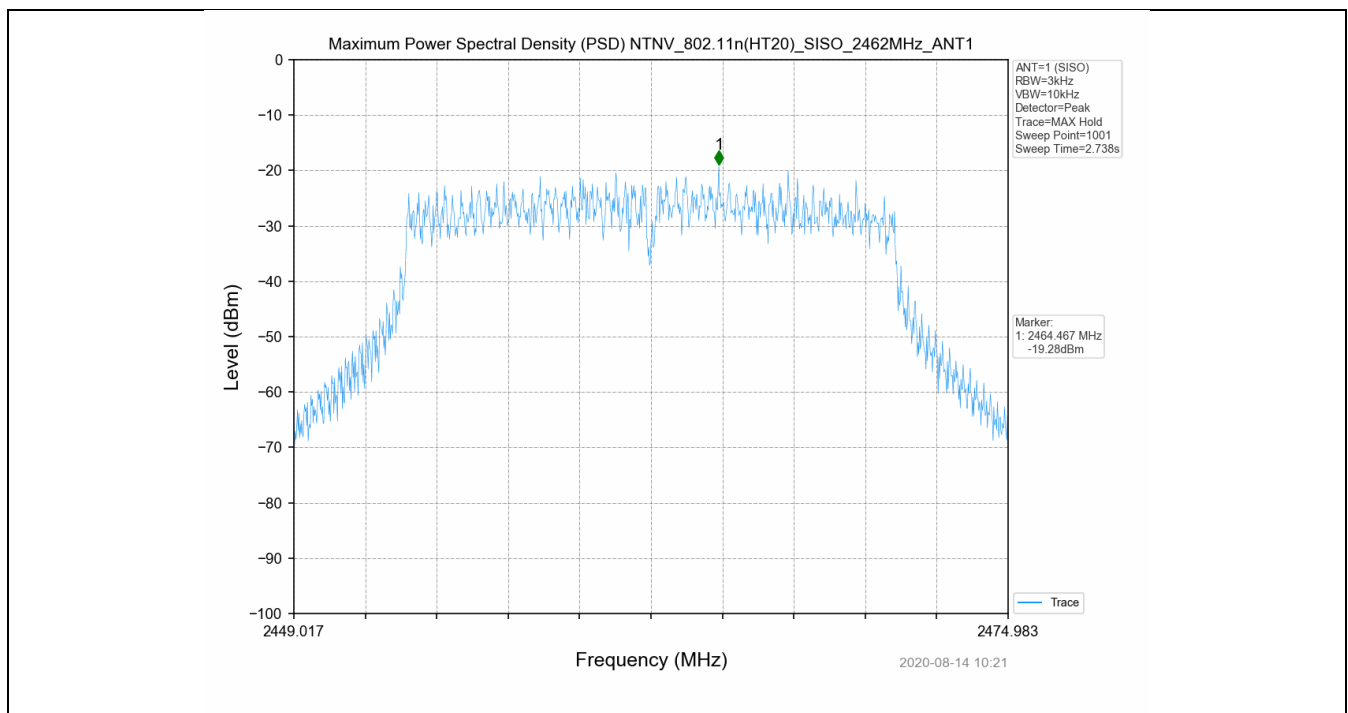
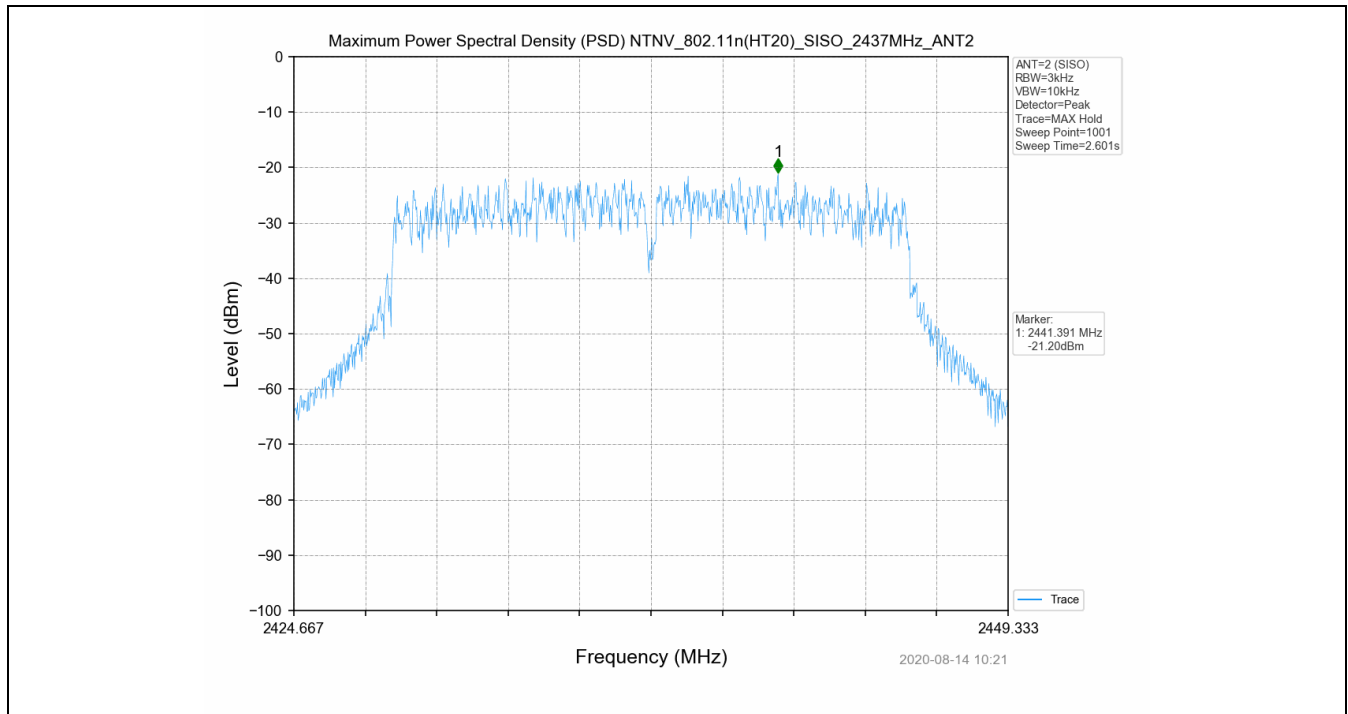


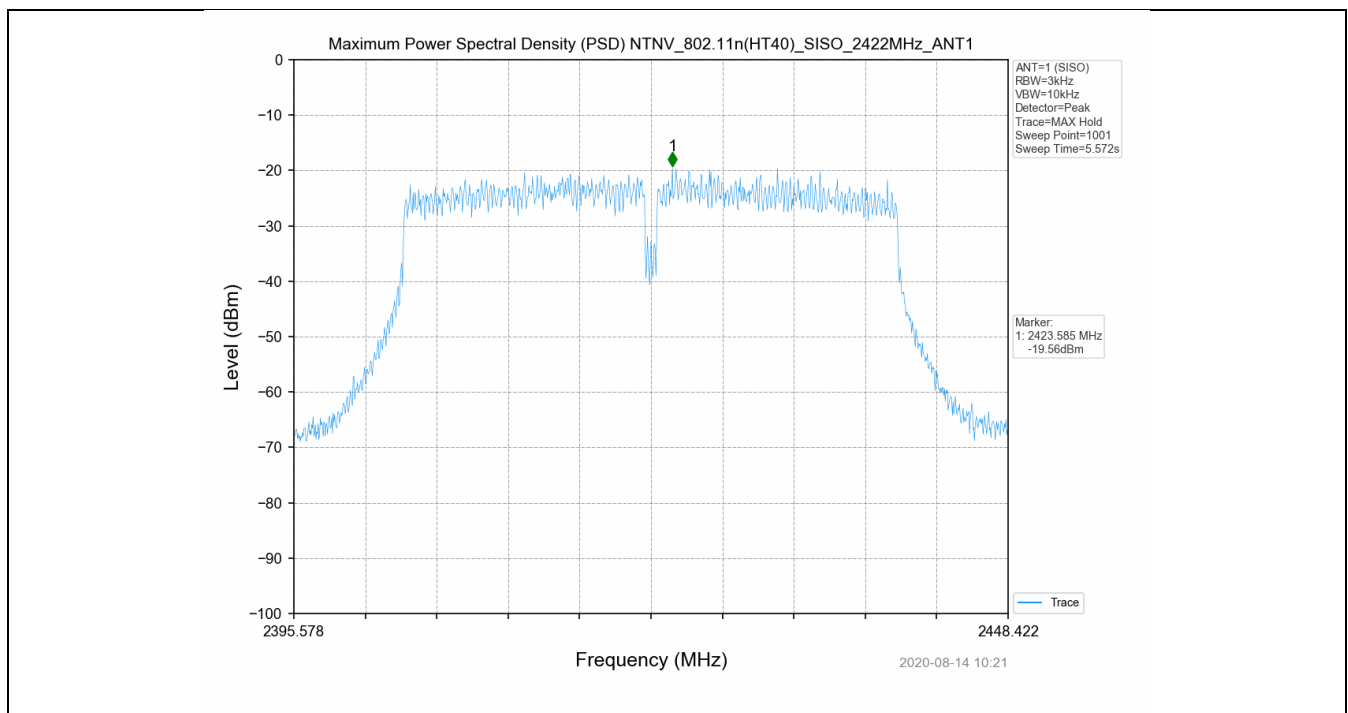
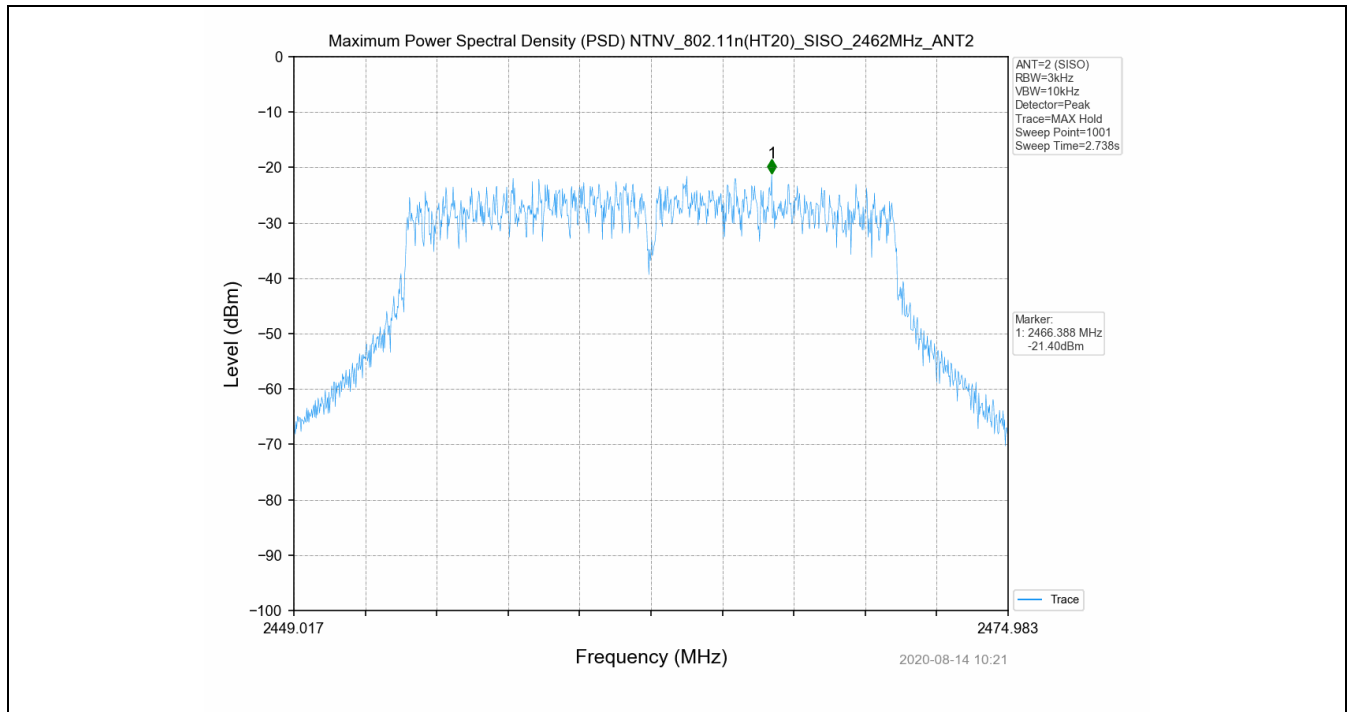


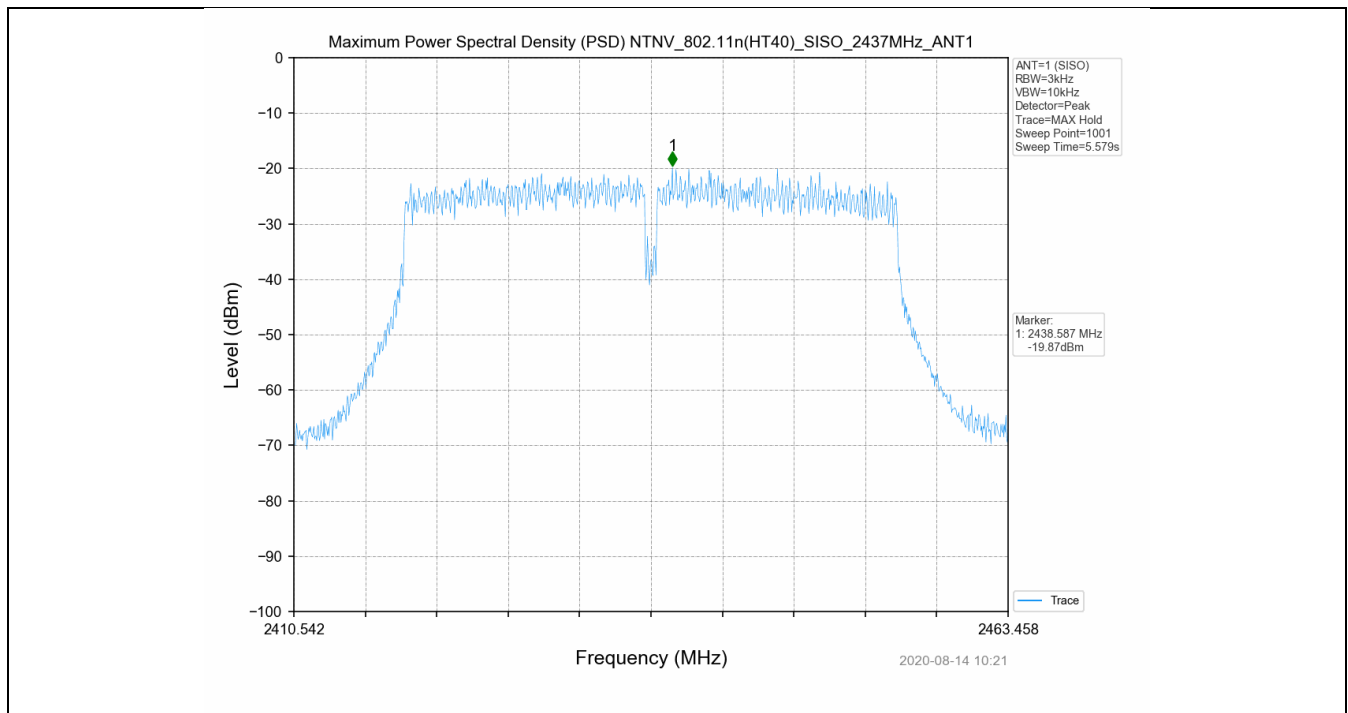
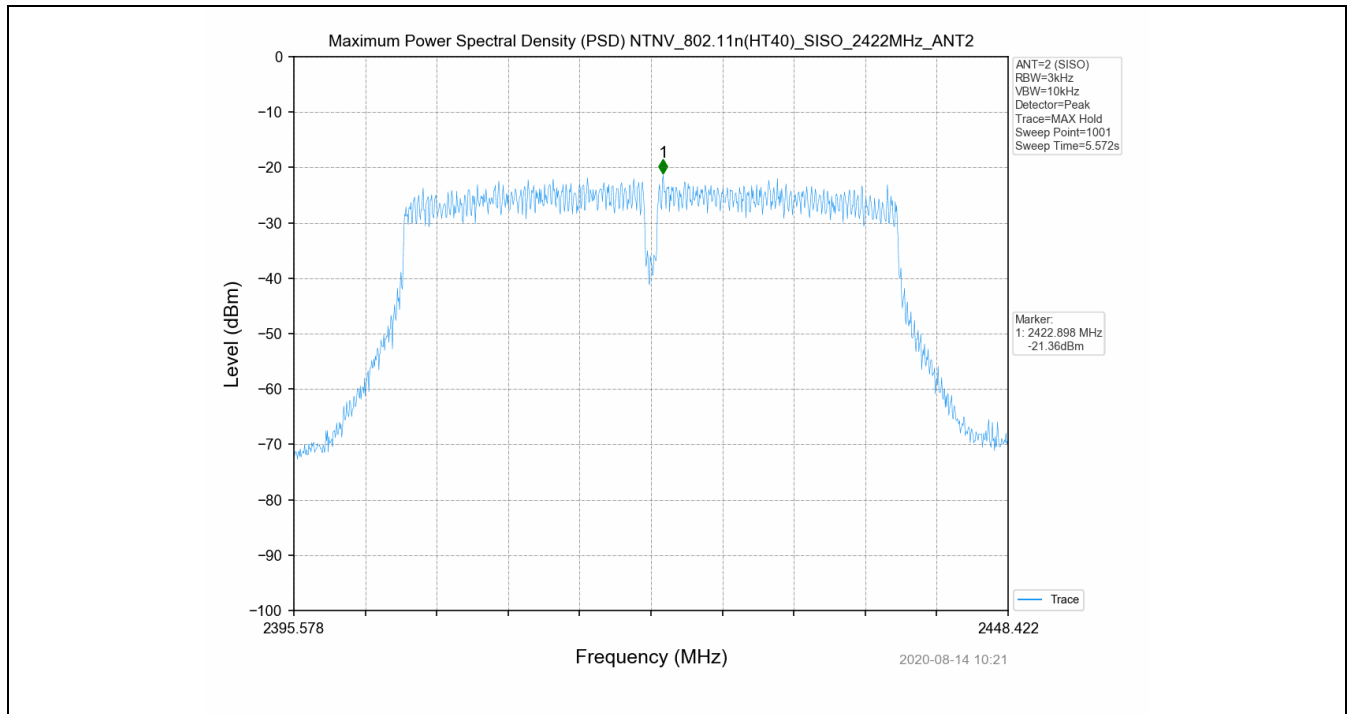


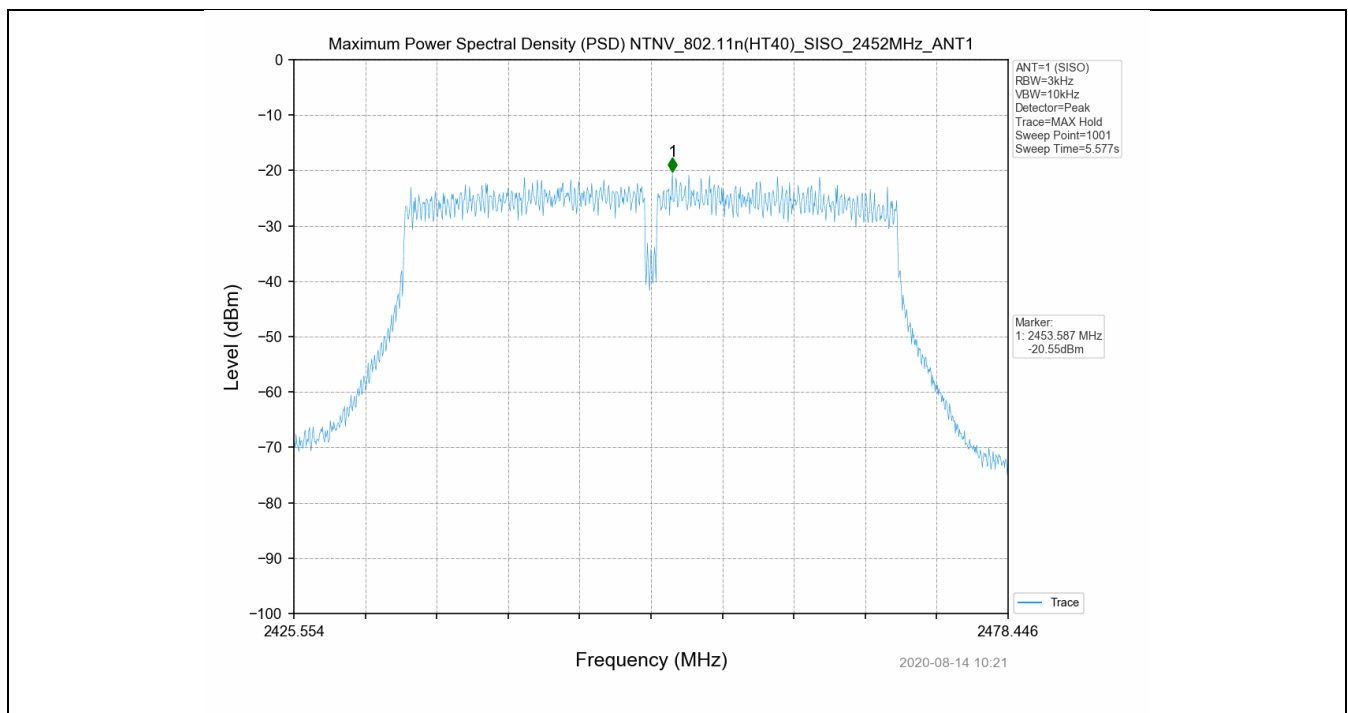
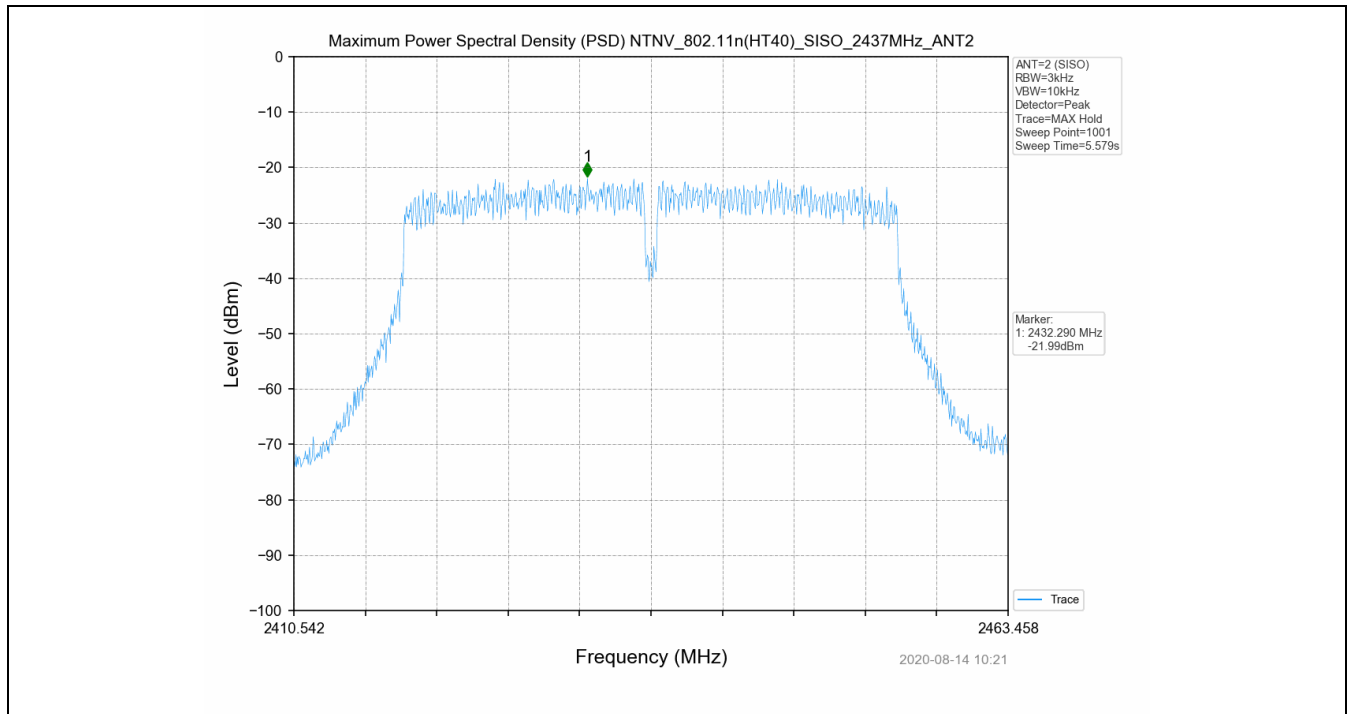


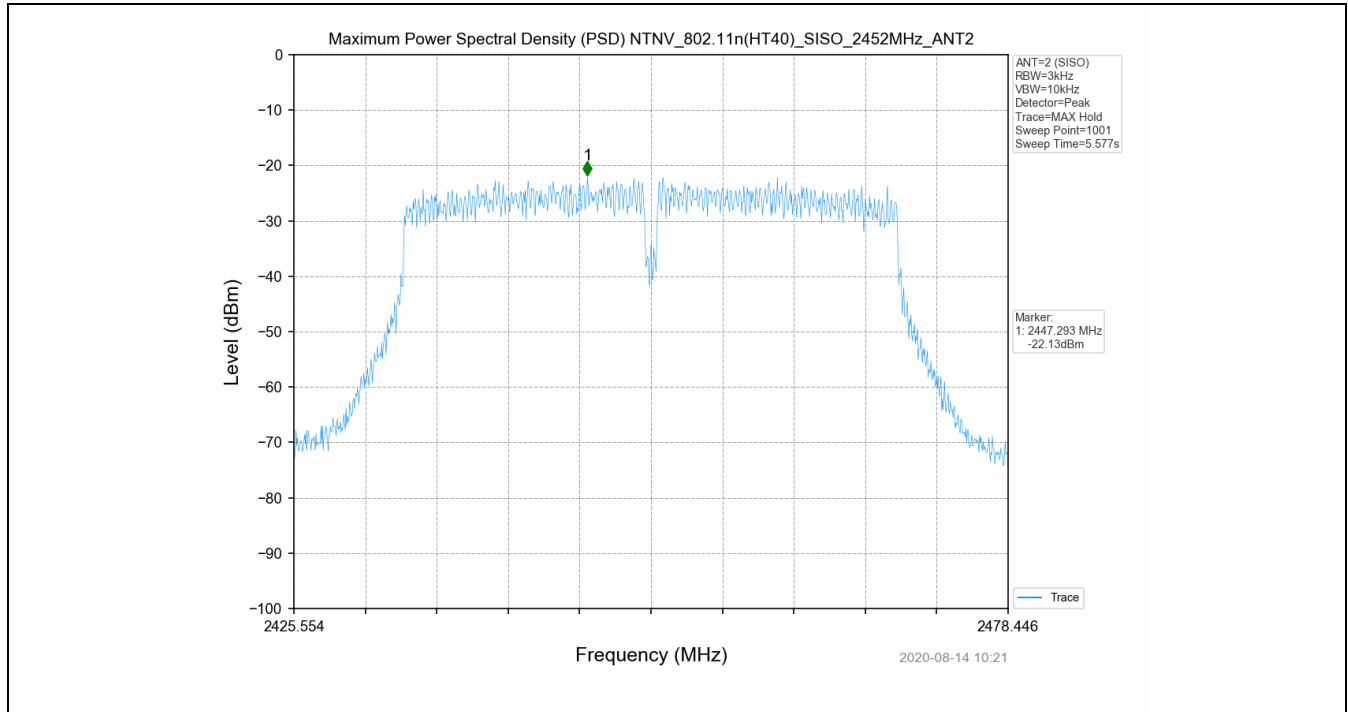












3. Unwanted Emissions in Non-restricted Frequency Bands

3.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-18.64	PASS
	2437	SISO	1	Refer to test graph	-18.64	PASS
	2462	SISO	1	Refer to test graph	-18.64	PASS
802.11g	2412	SISO	1	Refer to test graph	-21.99	PASS
	2437	SISO	1	Refer to test graph	-21.99	PASS
	2462	SISO	1	Refer to test graph	-21.99	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-23.30	PASS
	2437	SISO	1	Refer to test graph	-23.30	PASS
	2462	SISO	1	Refer to test graph	-23.30	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-25.24	PASS
	2437	SISO	1	Refer to test graph	-25.24	PASS
	2452	SISO	1	Refer to test graph	-25.24	PASS

3.2 Test Graph

