

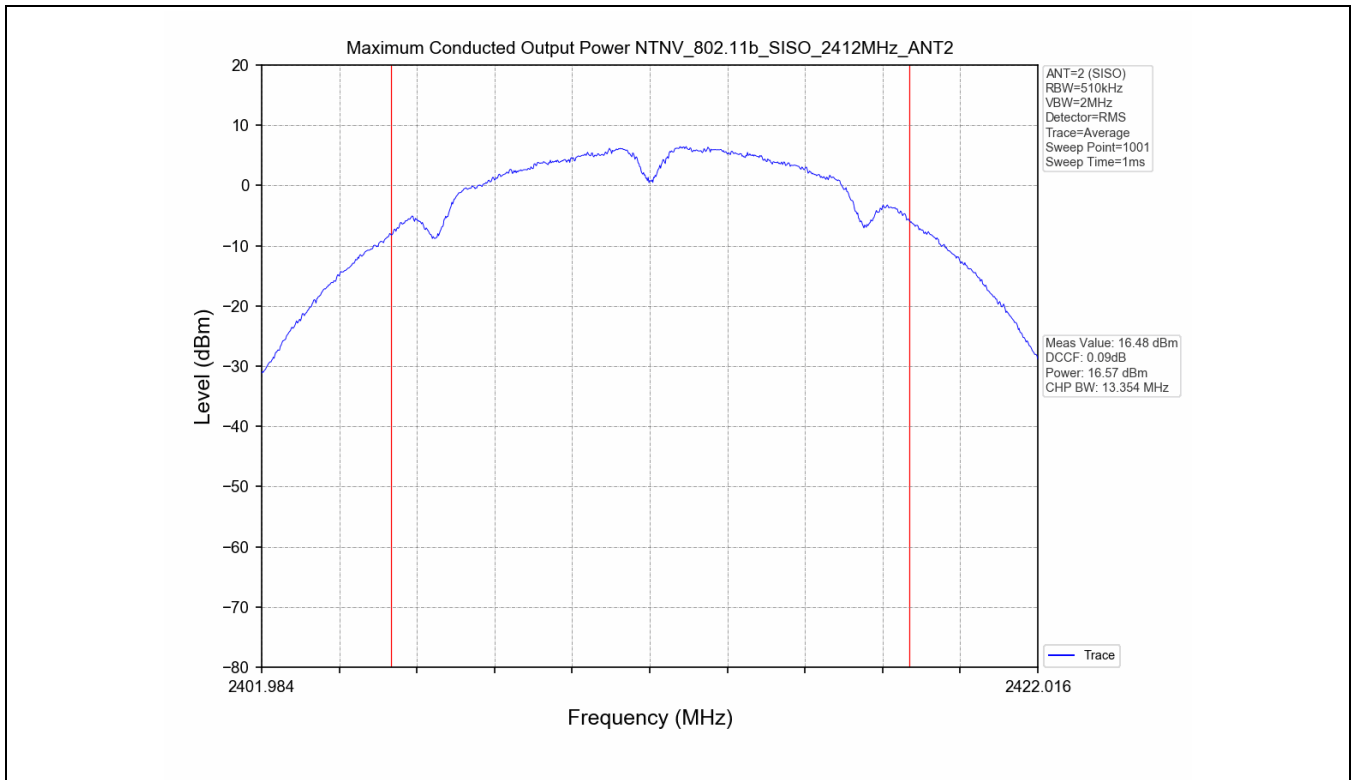
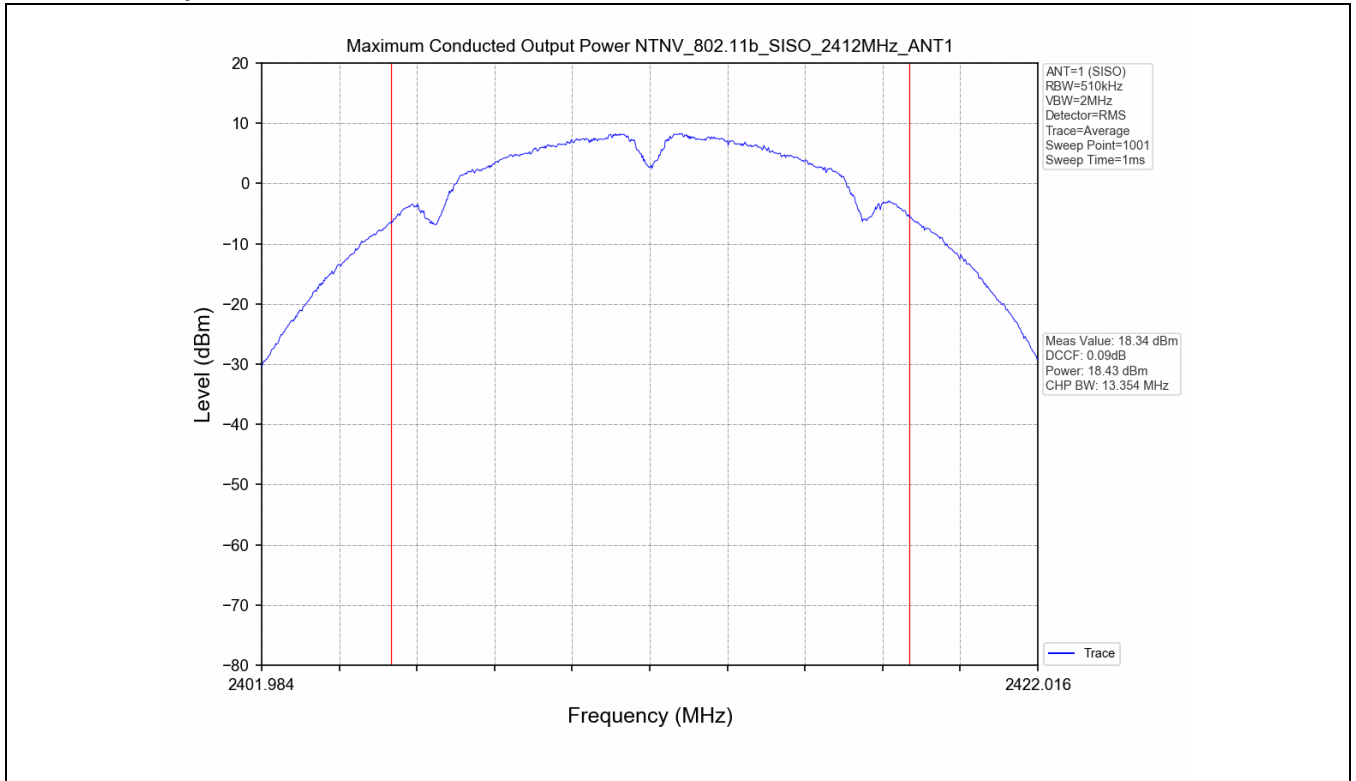
3. Maximum Conducted Output Power

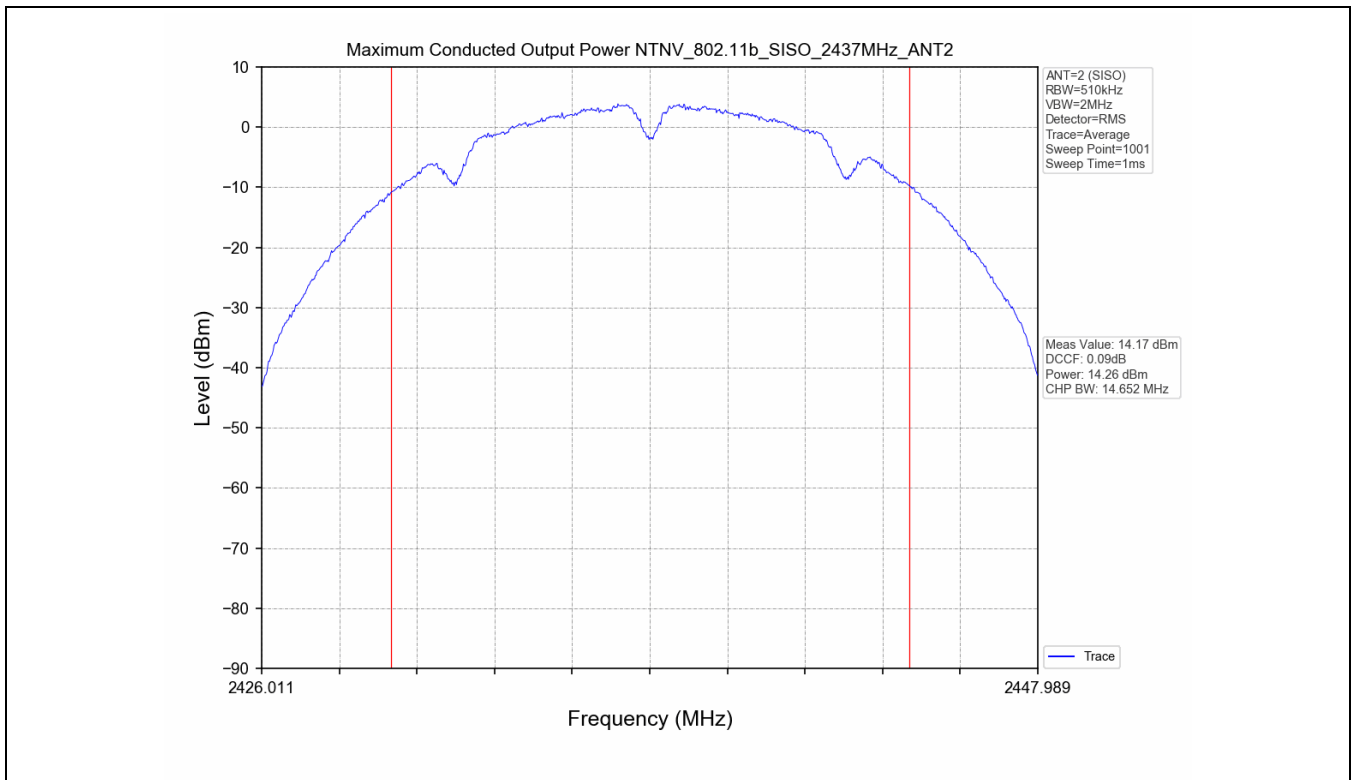
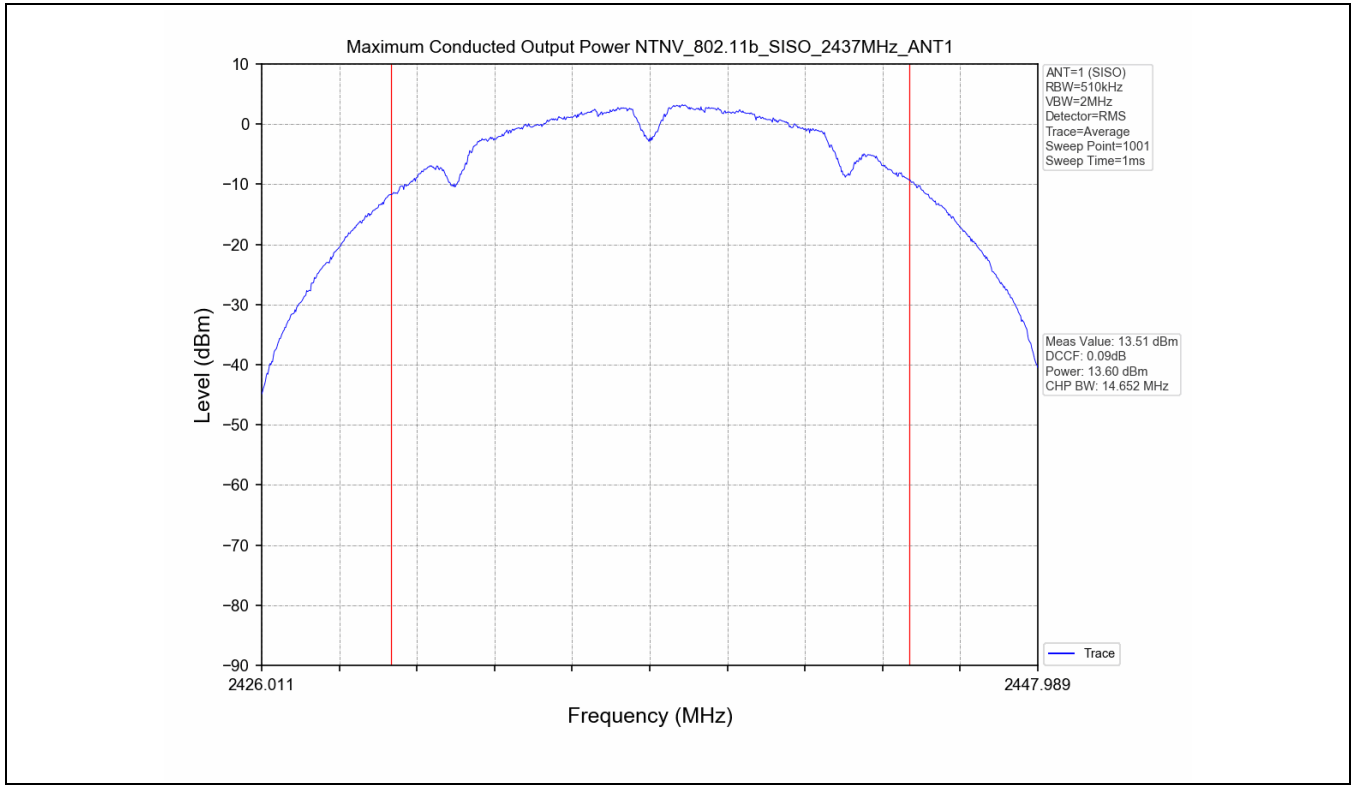
3.1 Test Result

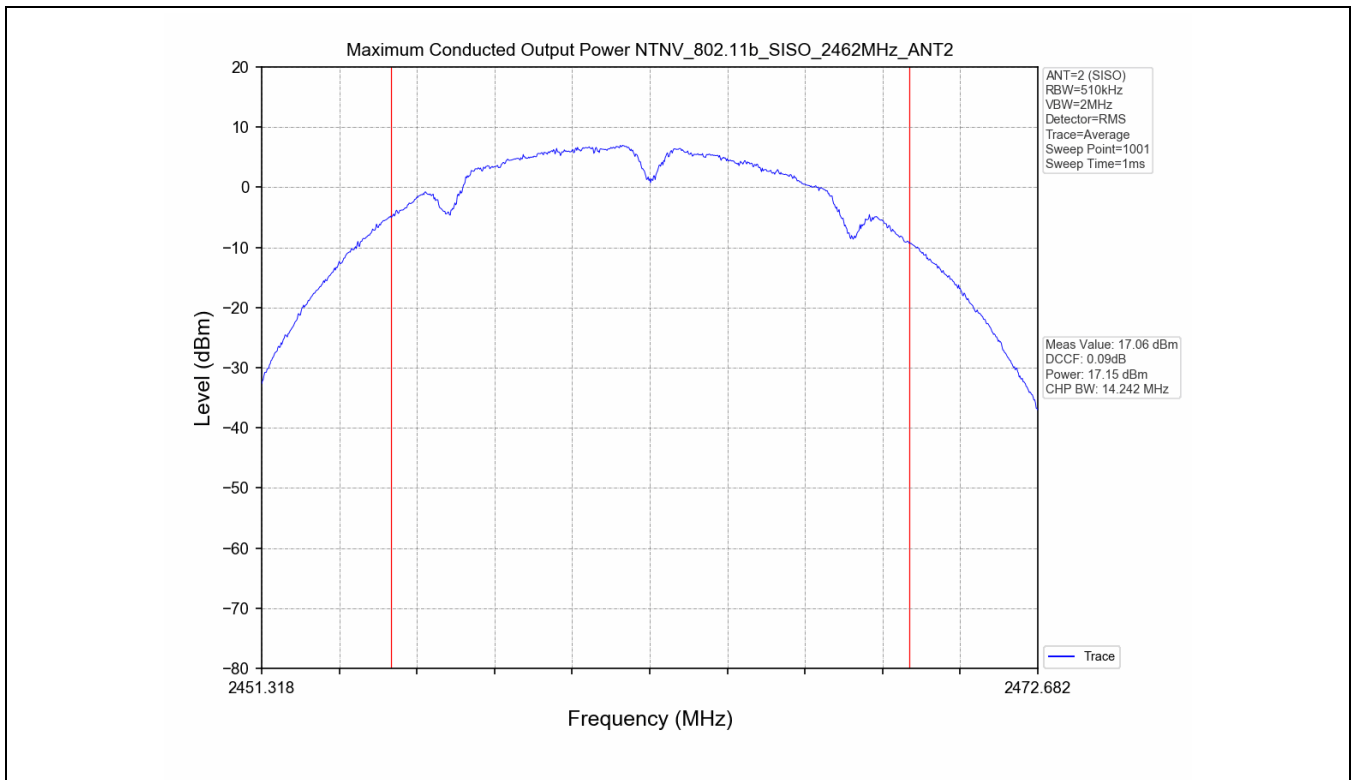
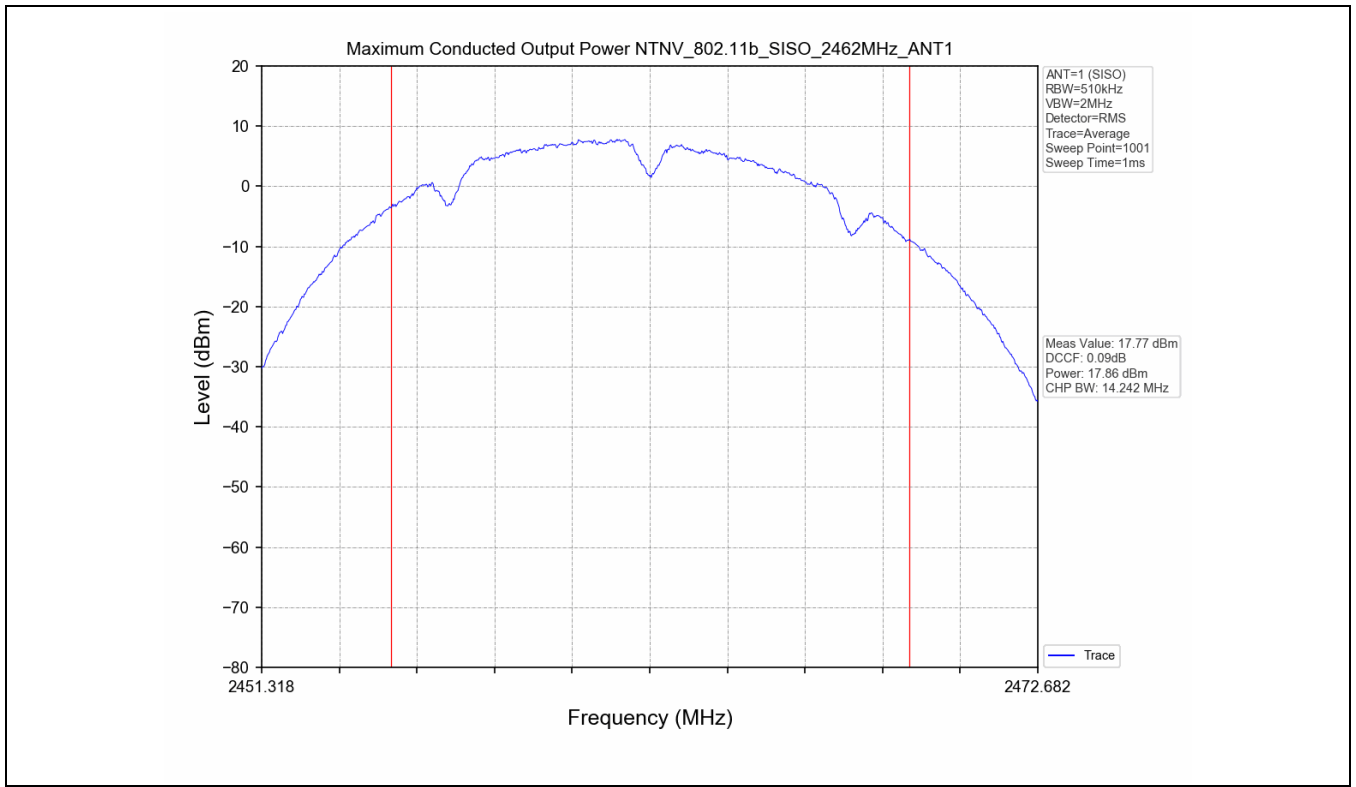
Test Mode	Frequency (MHz)	Tx Type	Measured Average Output Power (dBm)			Limits (dBm)	Verdict
			Ant 1	Ant 2	Total		
802.11b	2412	SISO	18.43	16.57	/	30	PASS
	2437	SISO	13.60	14.26	/	30	PASS
	2462	SISO	17.86	17.15	/	30	PASS
802.11g	2412	SISO	16.48	14.81	/	30	PASS
	2437	SISO	12.28	12.95	/	30	PASS
	2462	SISO	17.04	15.82	/	30	PASS
802.11n(HT20)	2412	MIMO	15.79	14.39	18.16	30	PASS
	2437	MIMO	11.87	12.78	15.36	30	PASS
	2462	MIMO	16.12	15.25	18.72	30	PASS
802.11n(HT40)	2422	MIMO	13.21	12.56	15.91	30	PASS
	2437	MIMO	12.79	12.96	15.89	30	PASS
	2452	MIMO	12.29	11.47	14.91	30	PASS

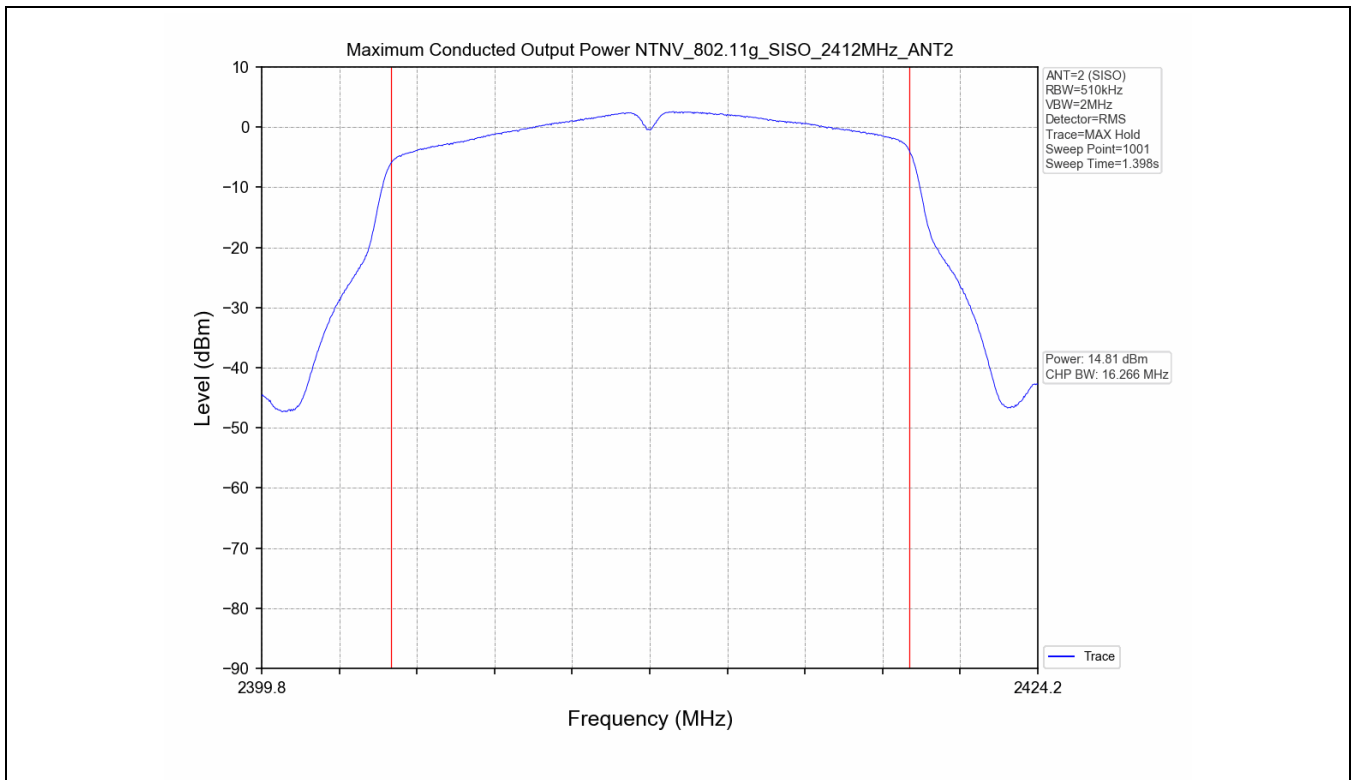
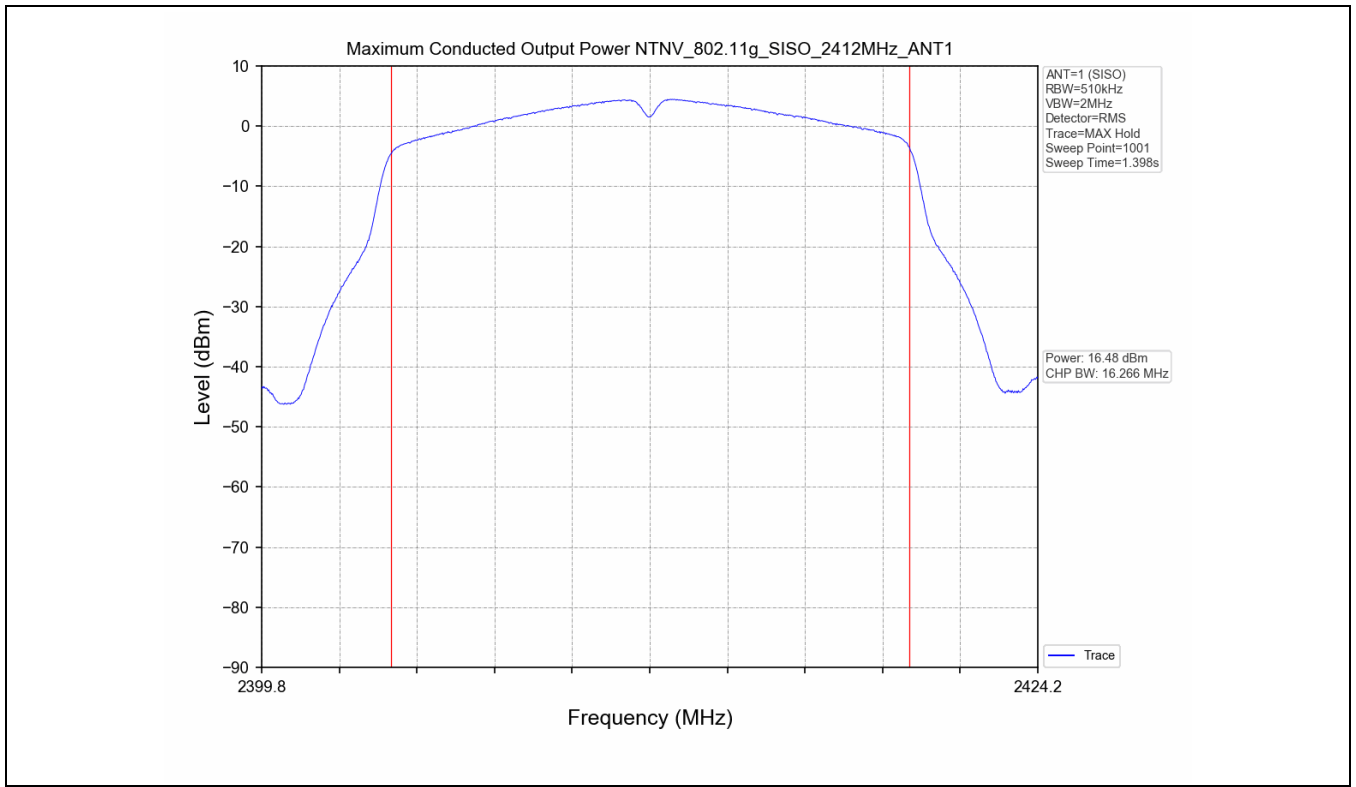
Note: Since the number of transmit antennas is less than 4, Array gain=0dB.

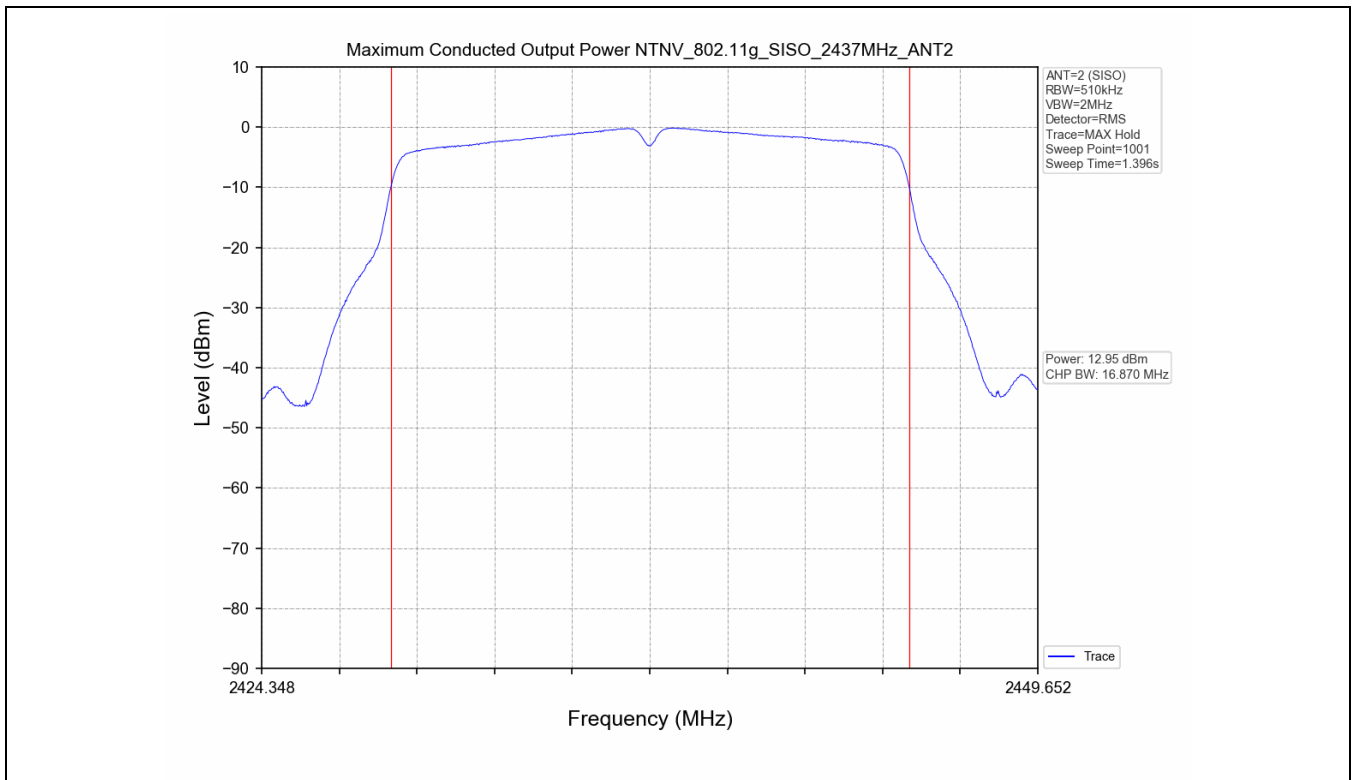
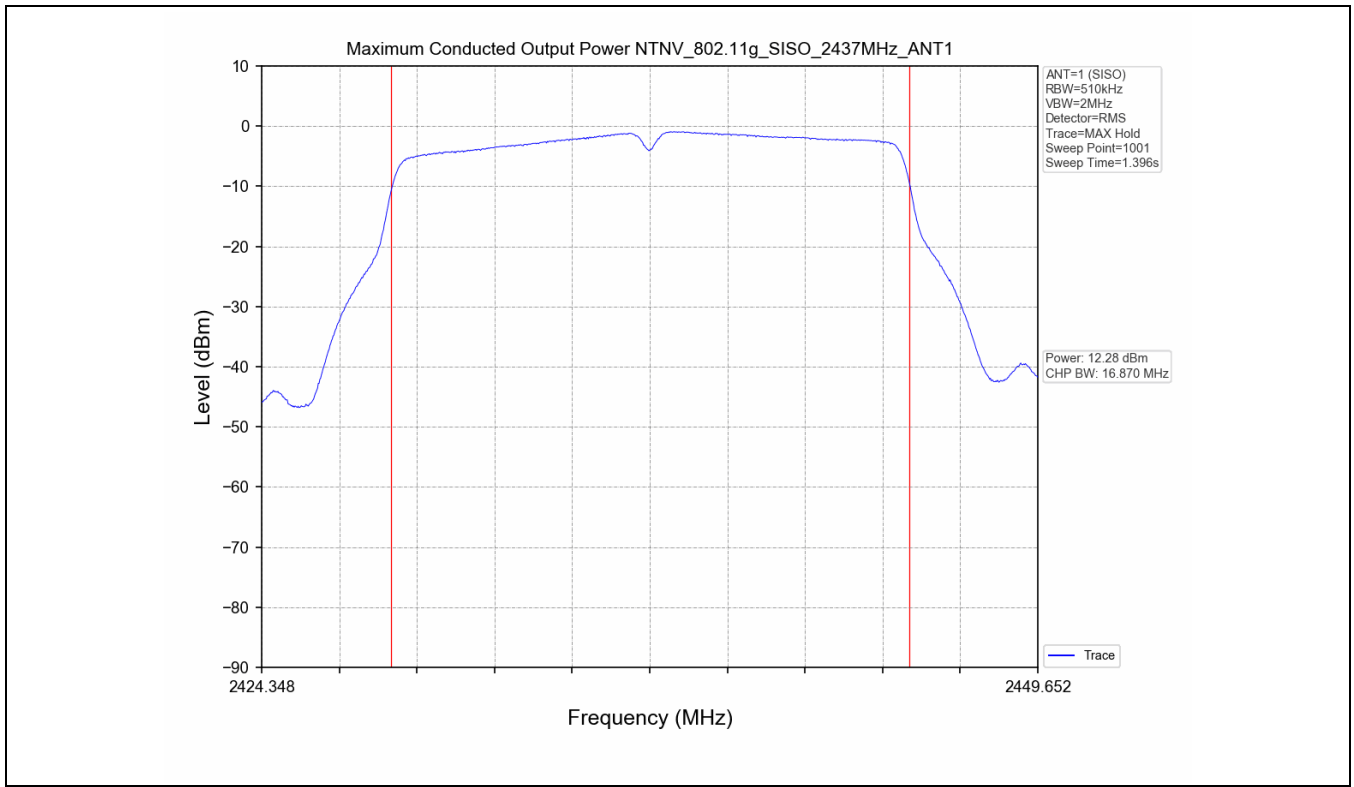
3.2 Test Graph

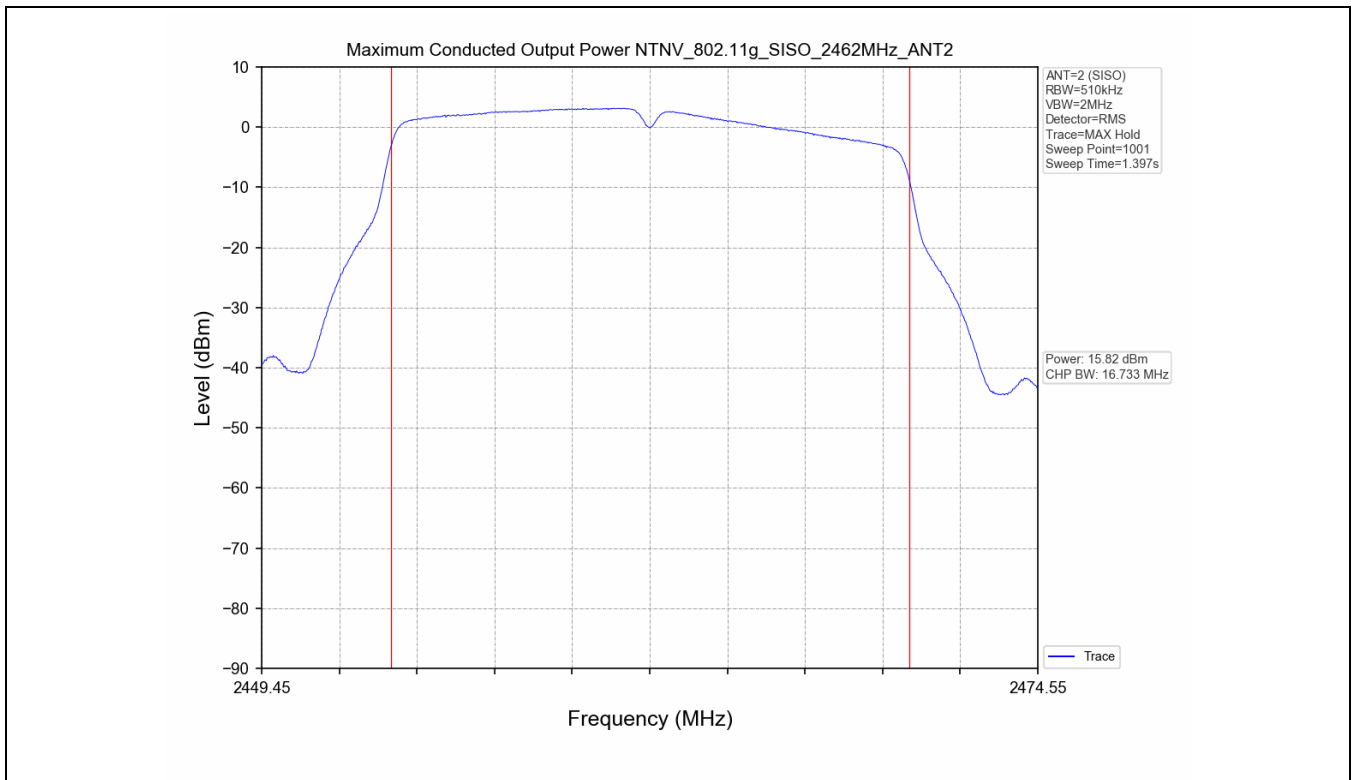
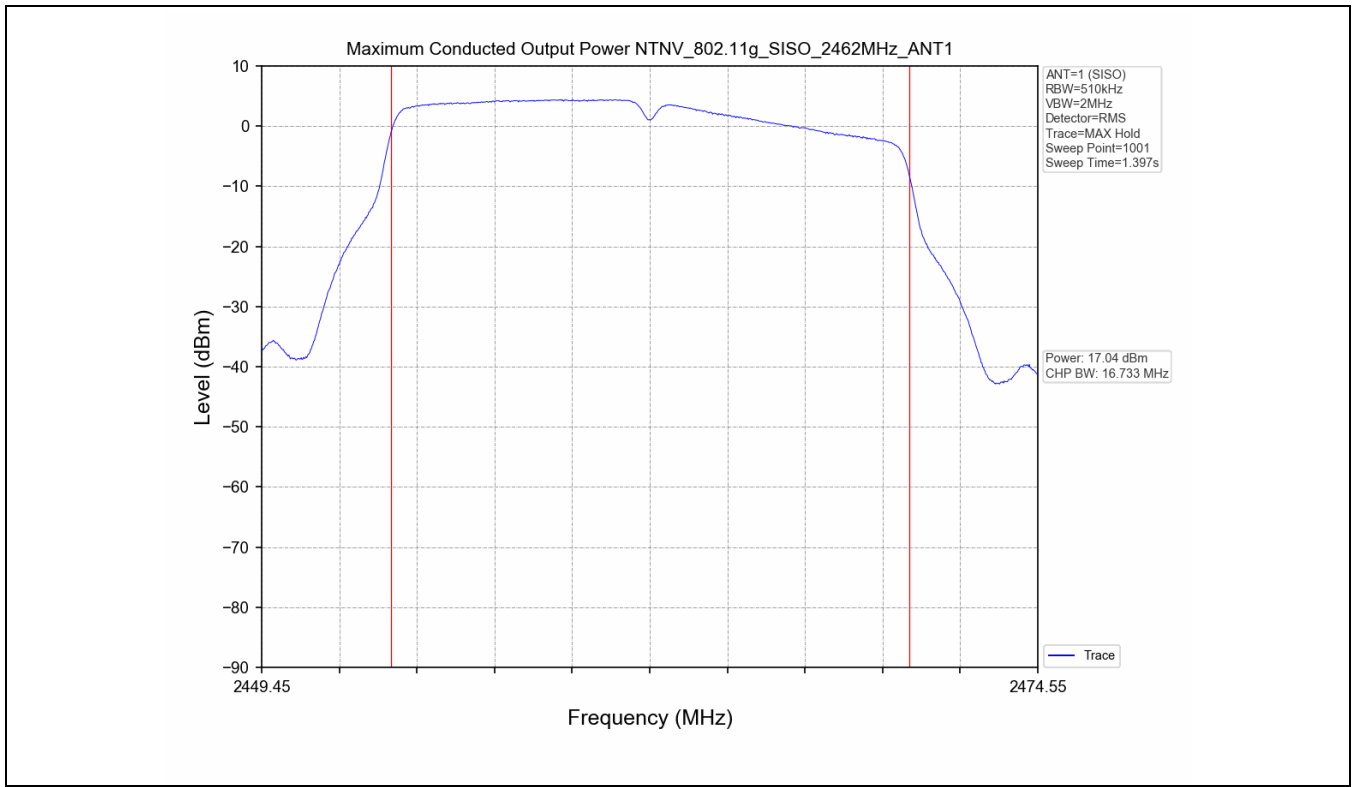


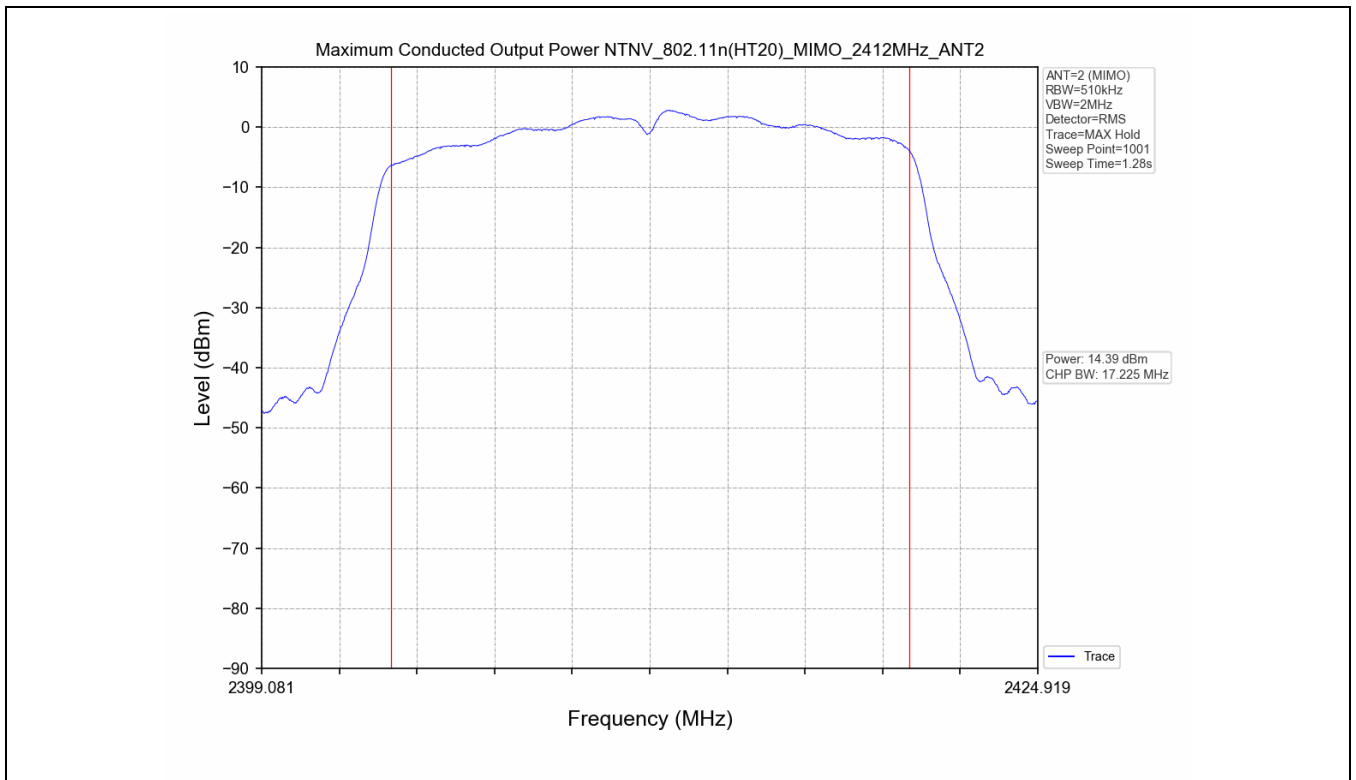
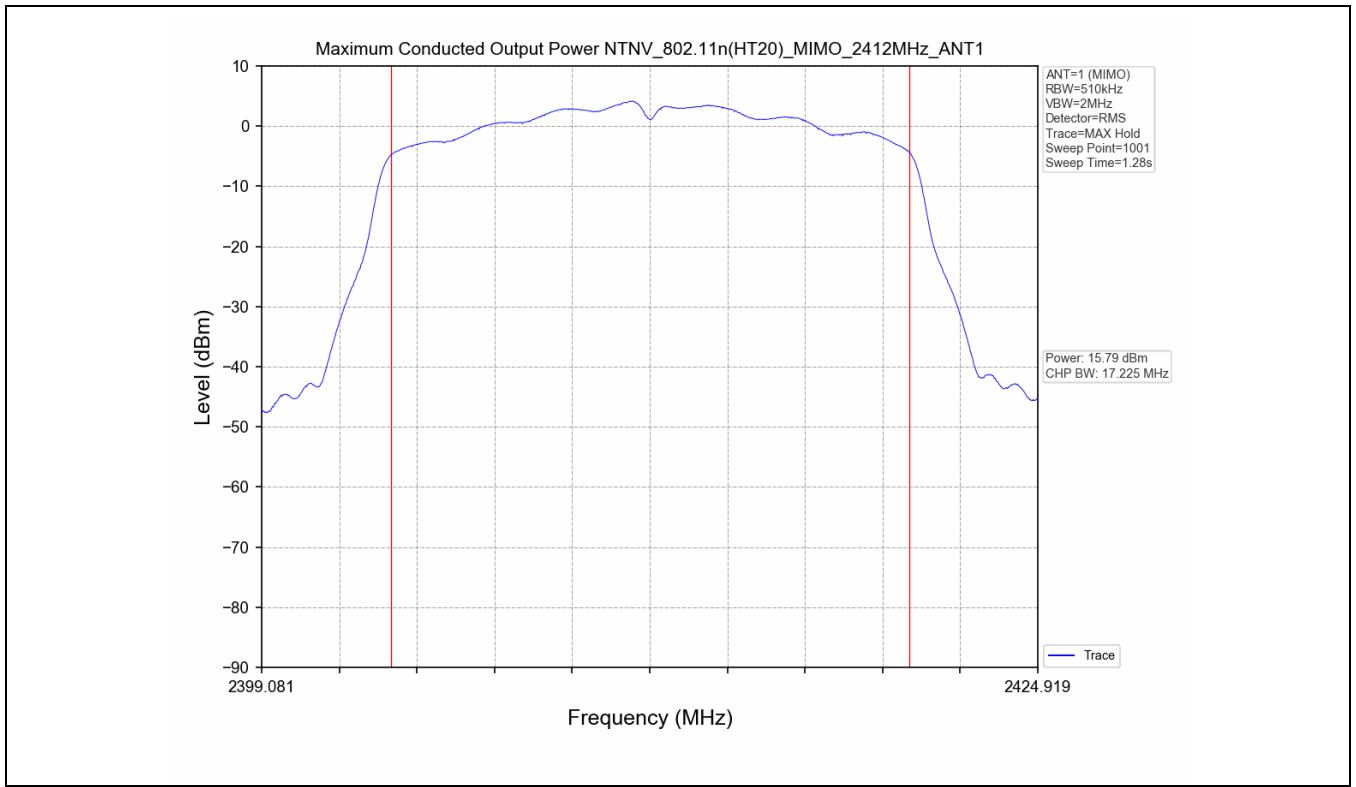


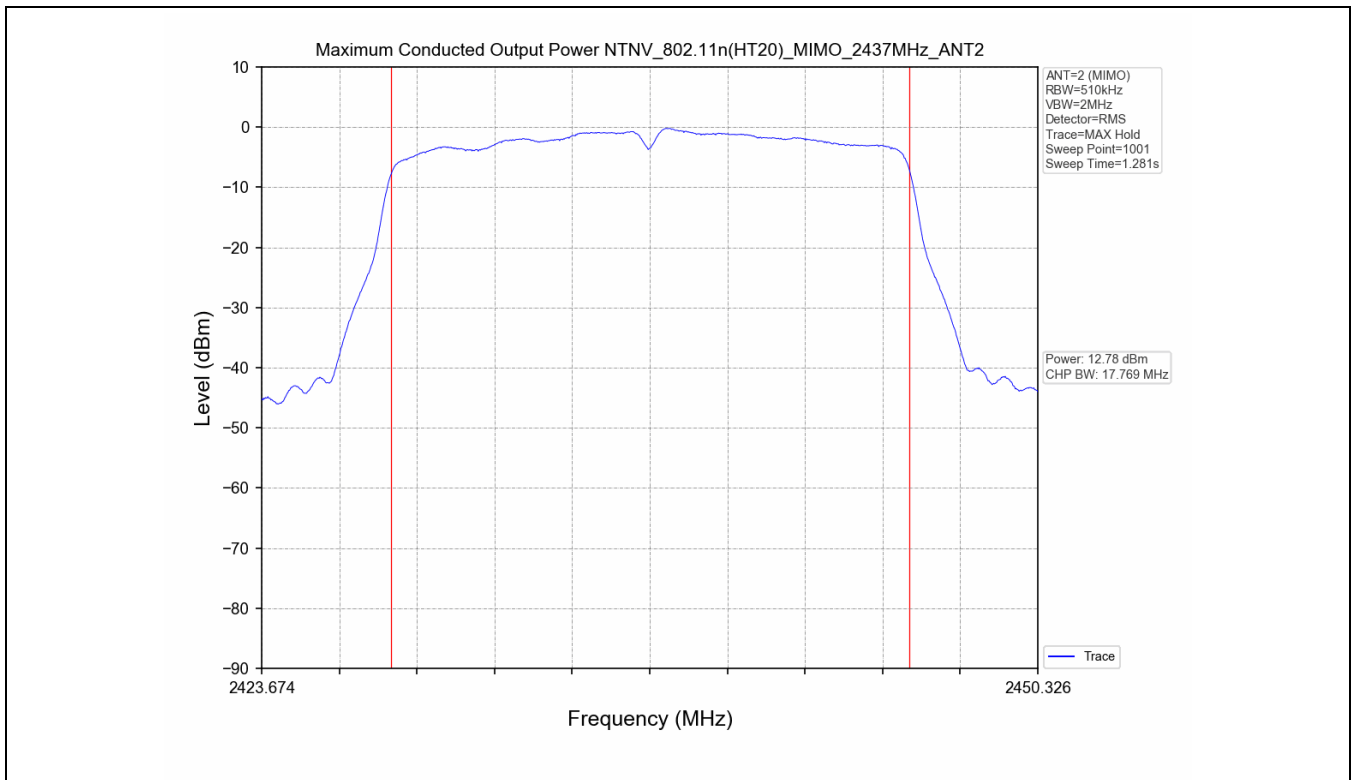
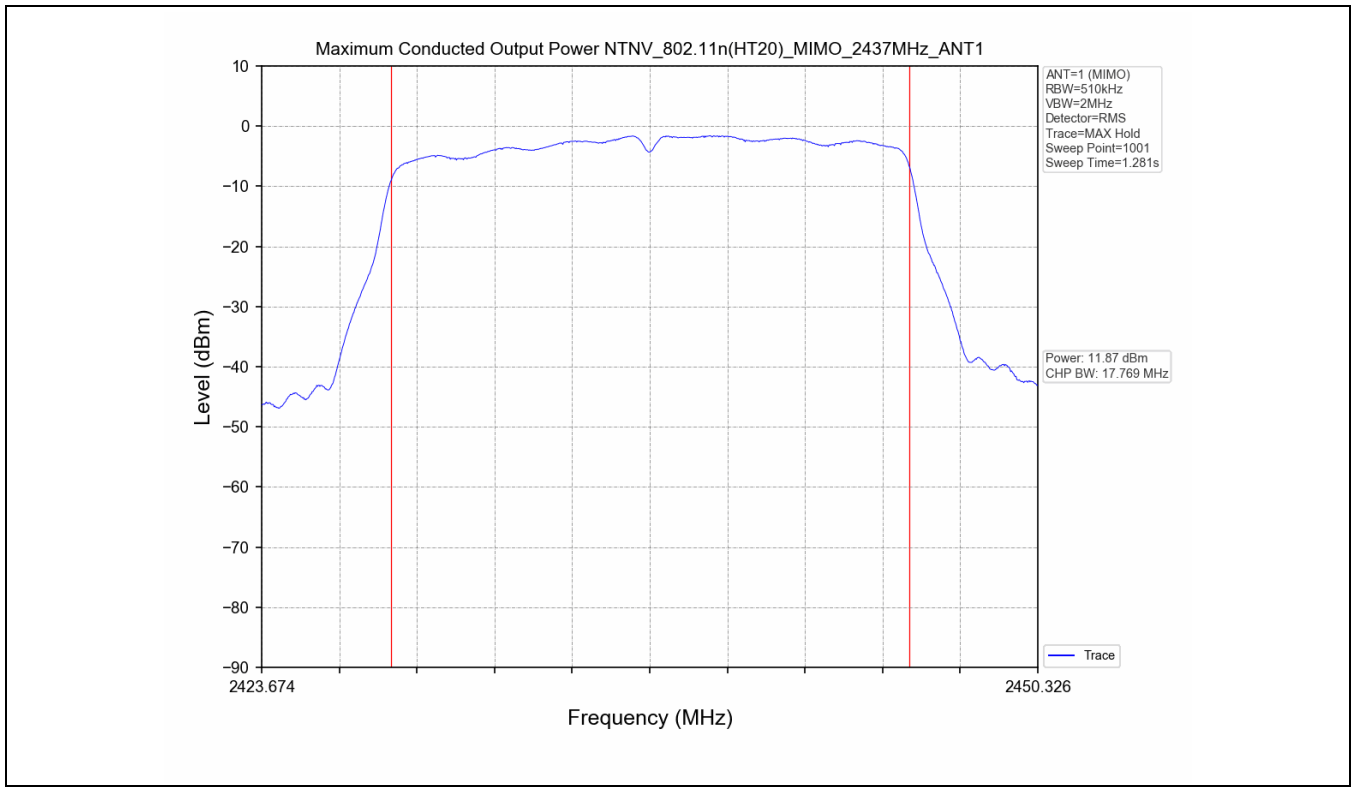


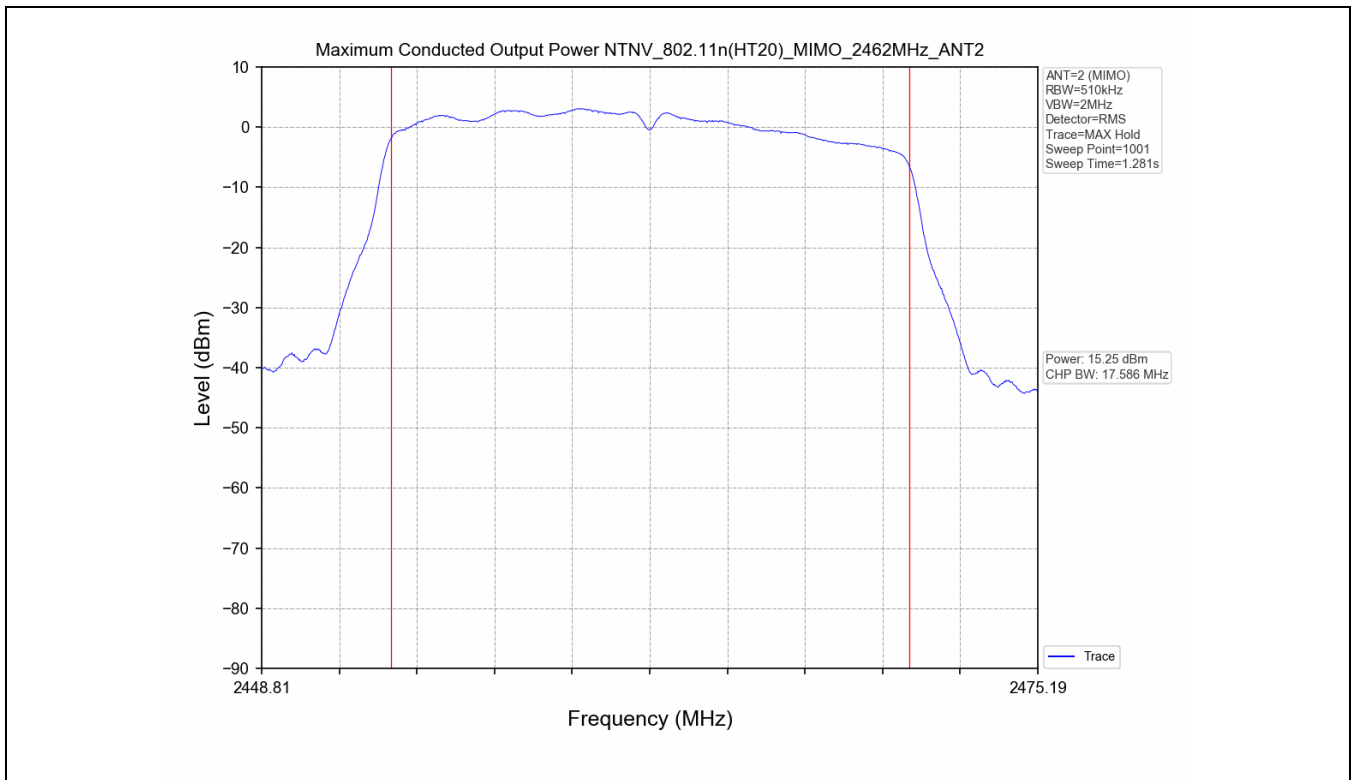
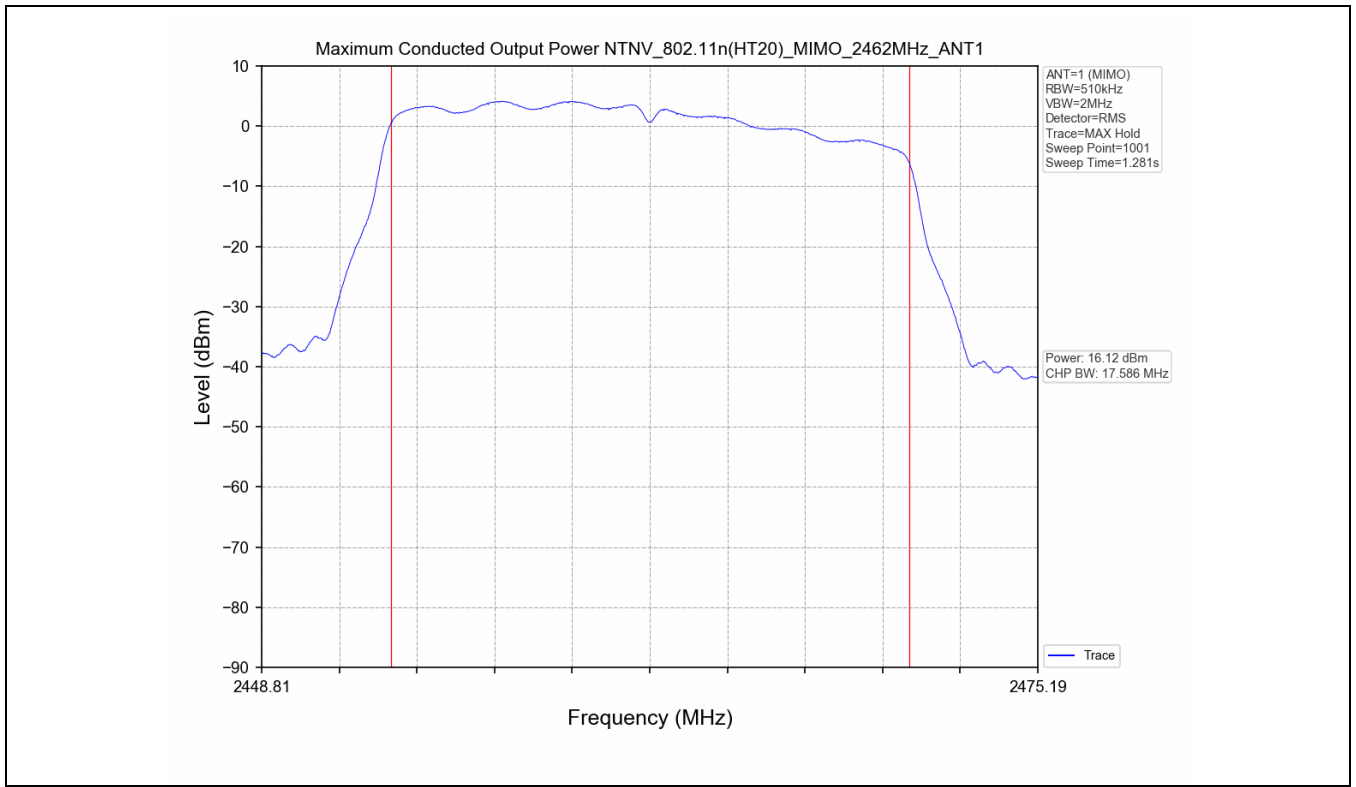


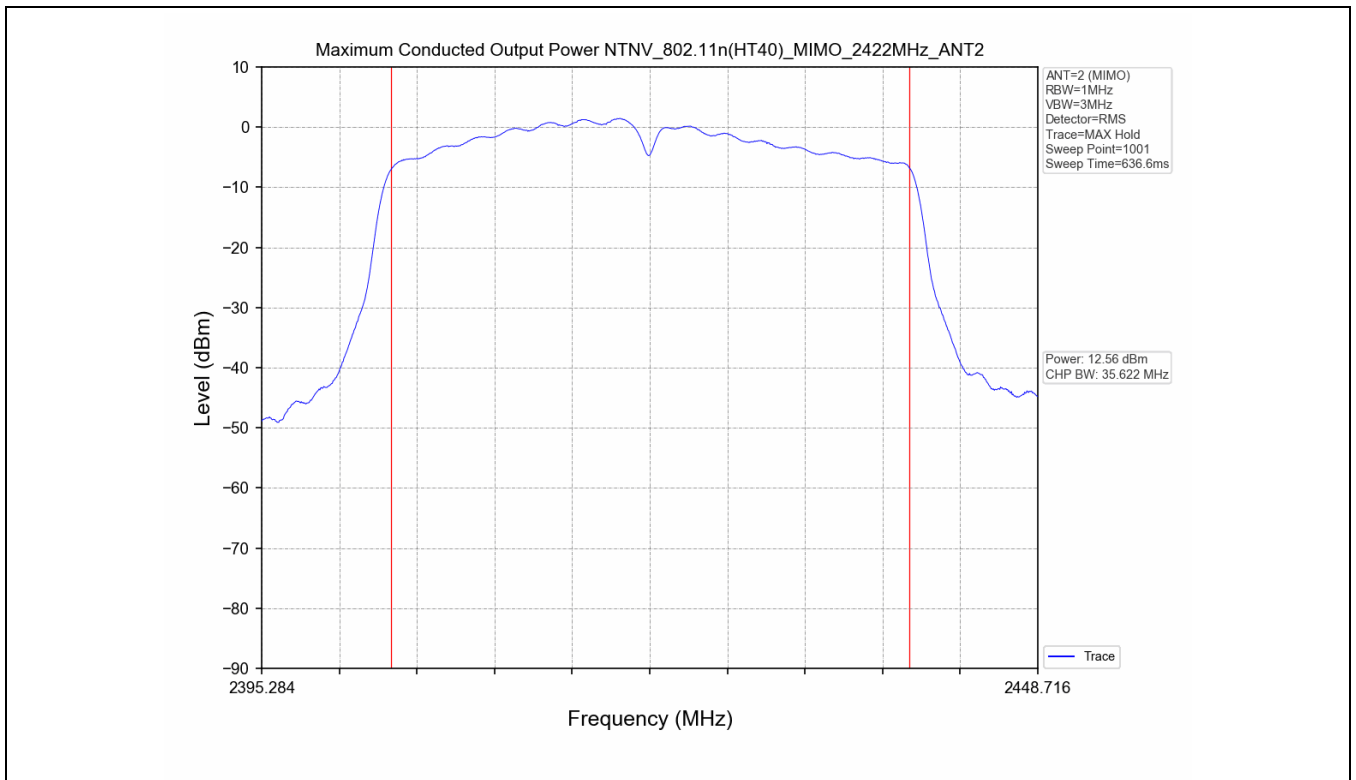
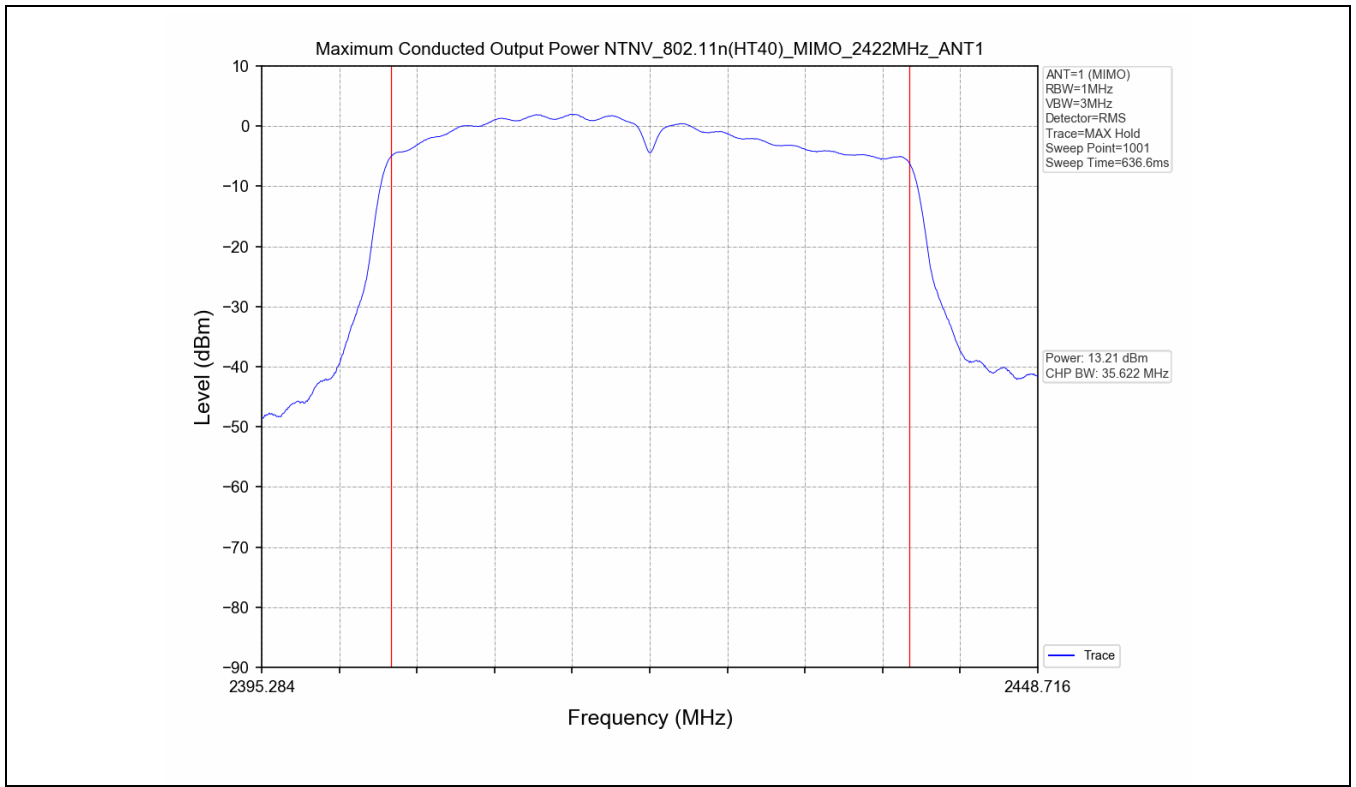


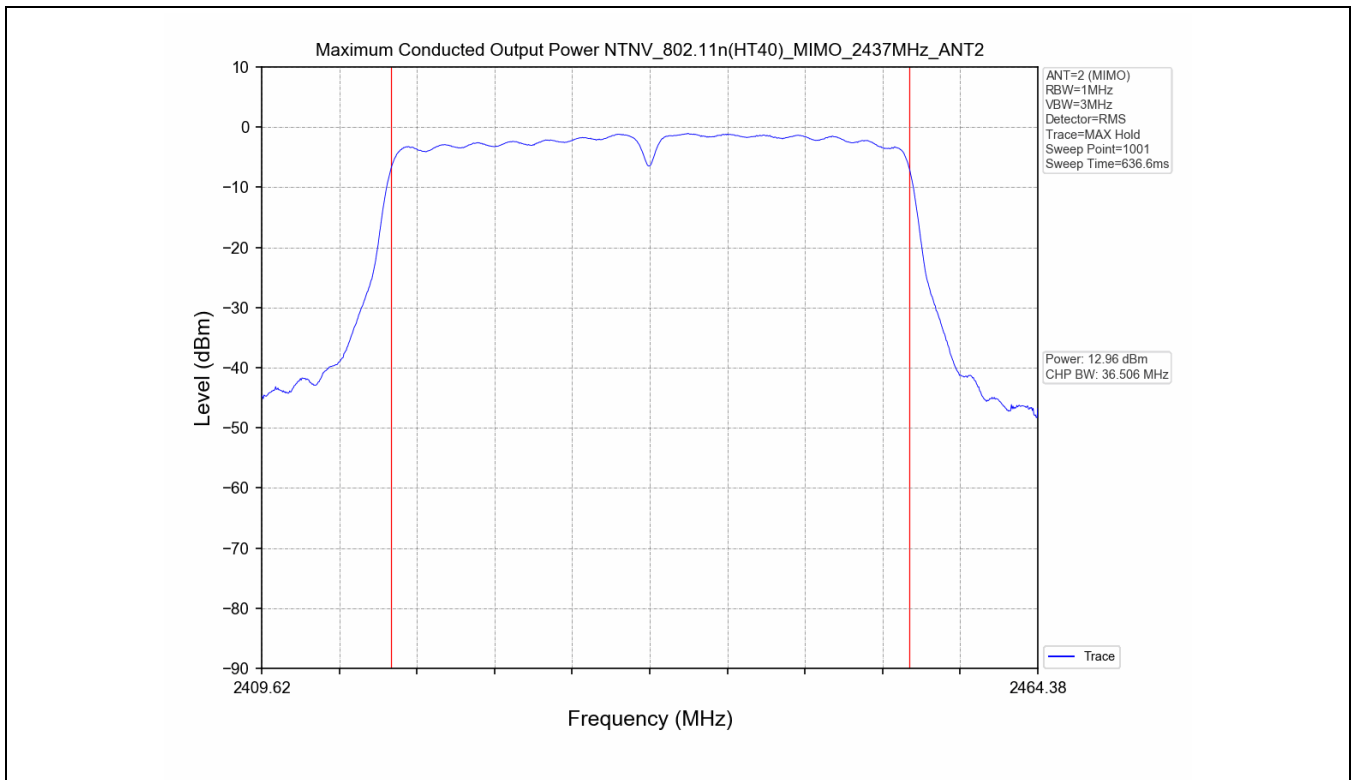
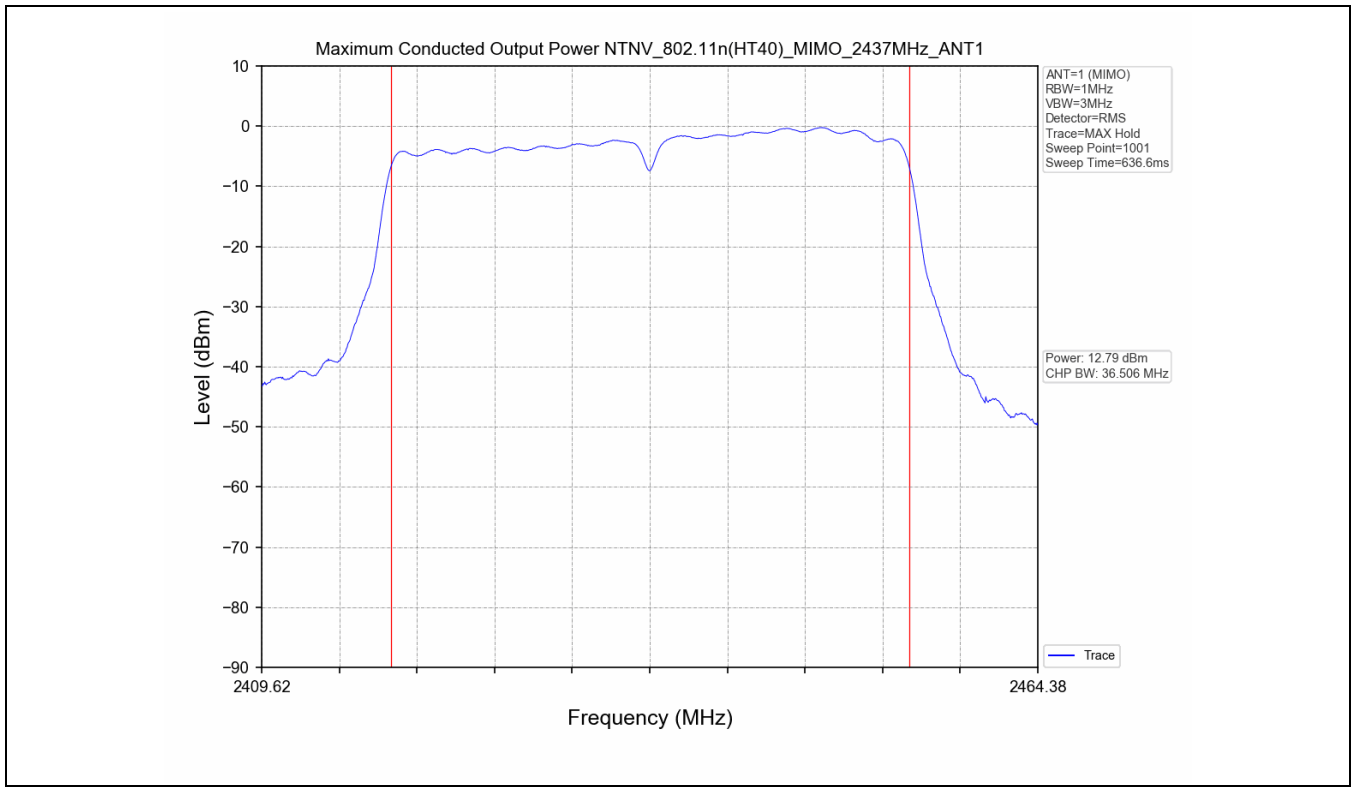


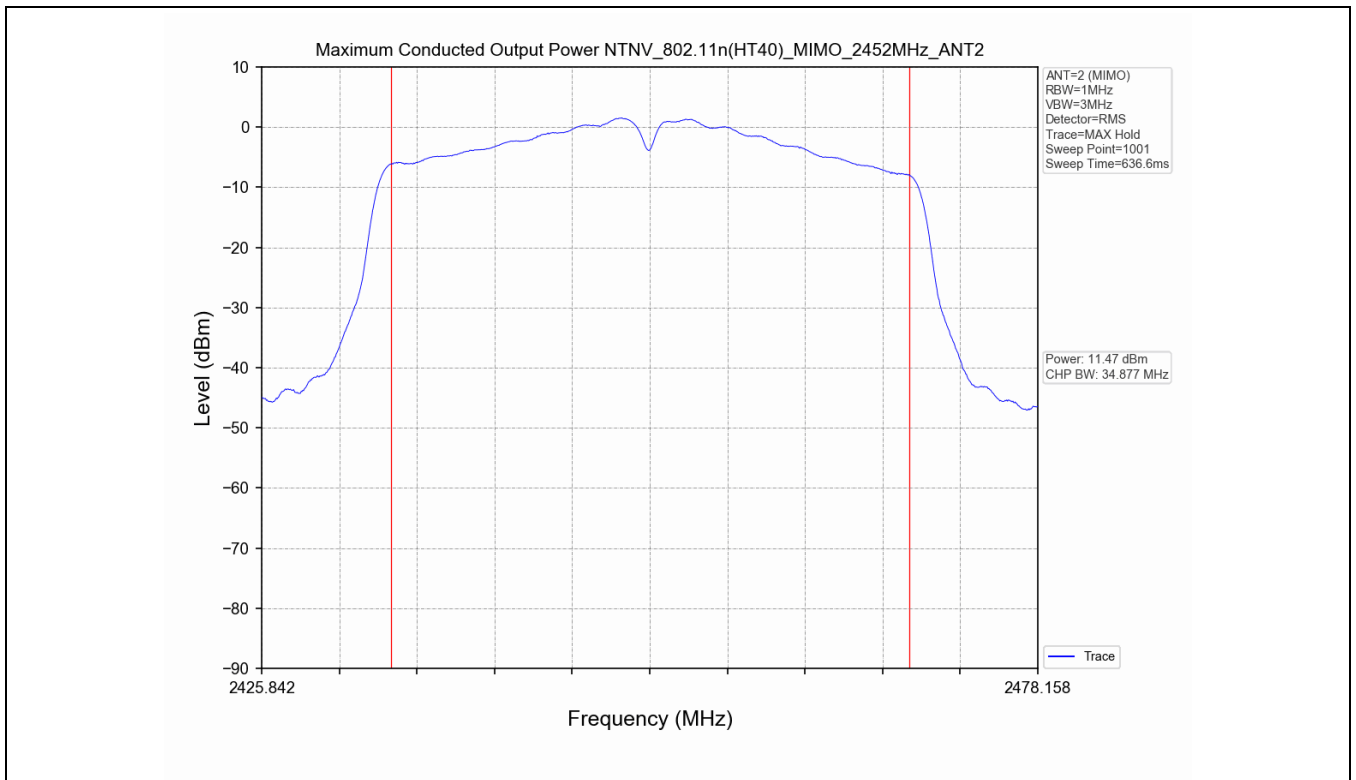
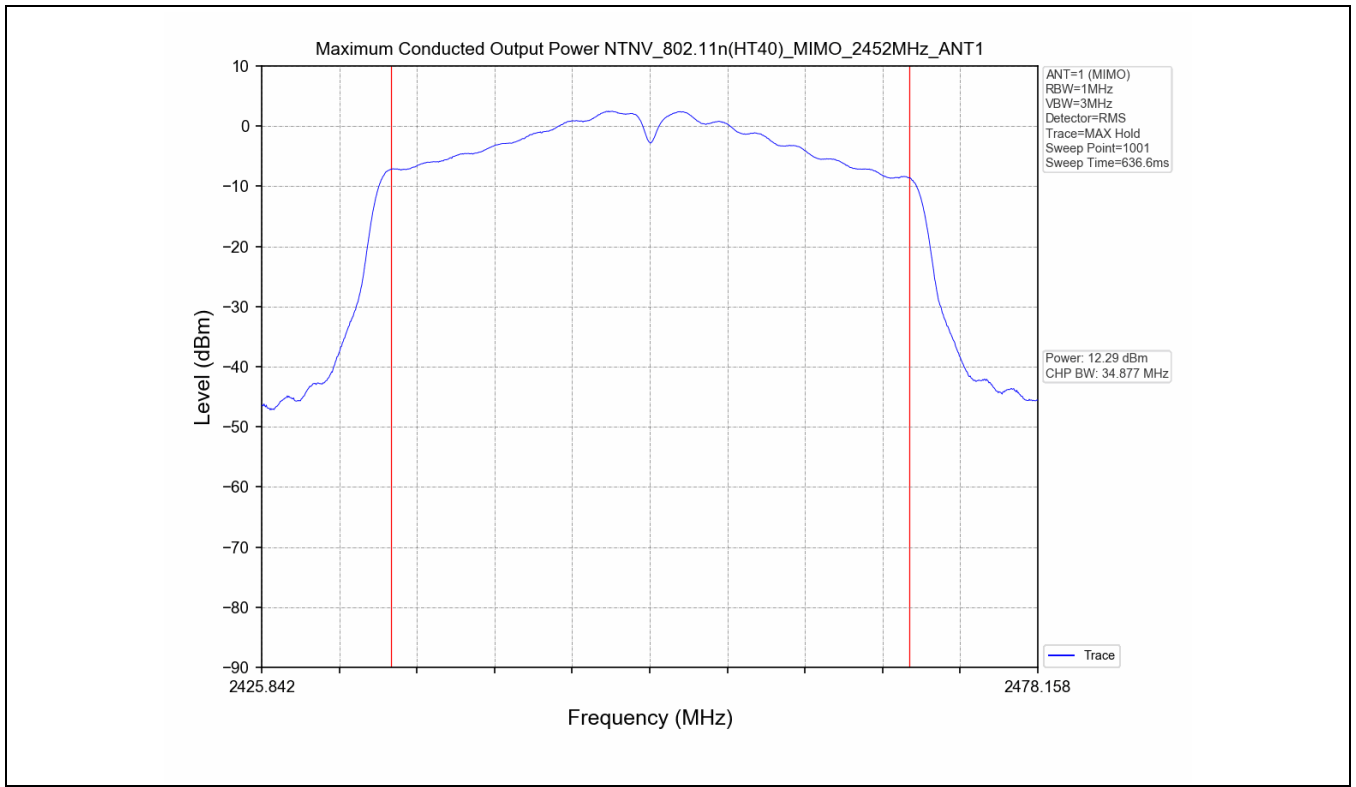












4. Maximum Power Spectral Density (PSD)

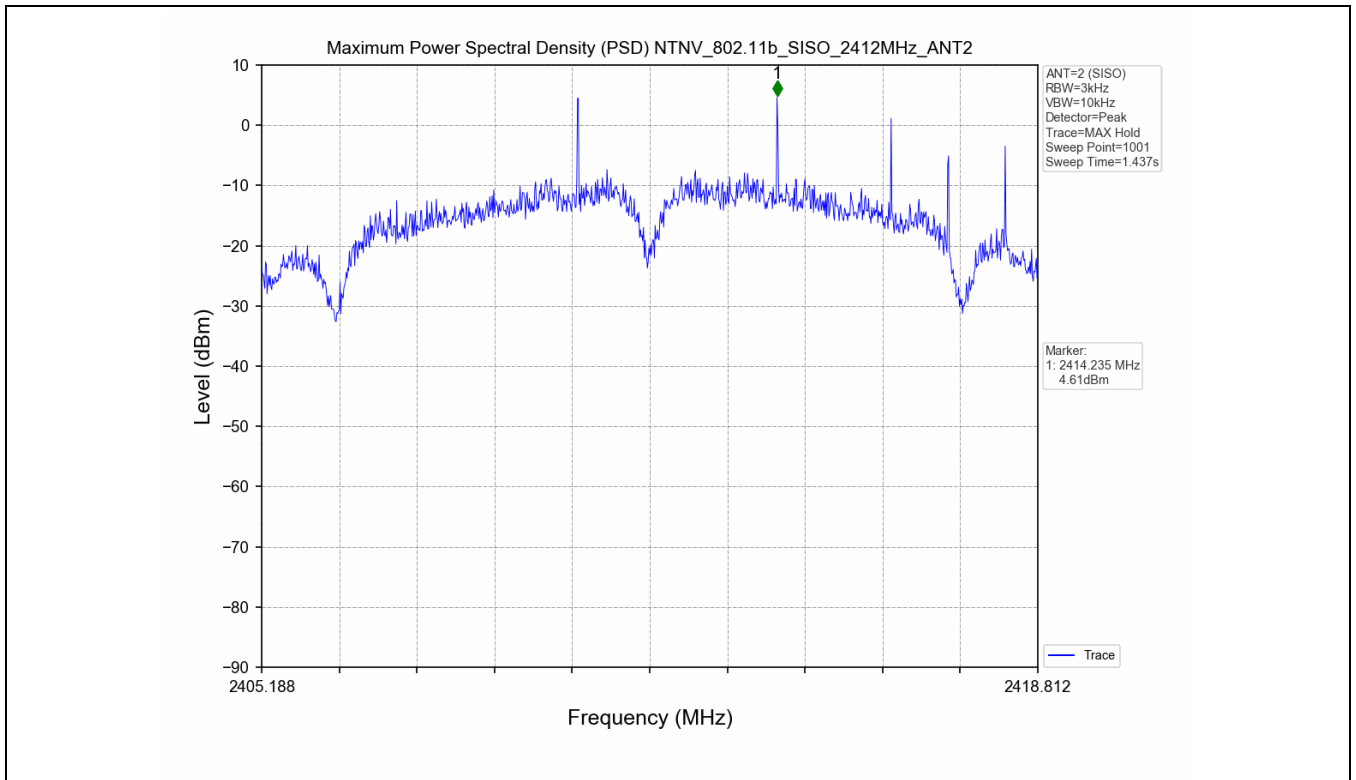
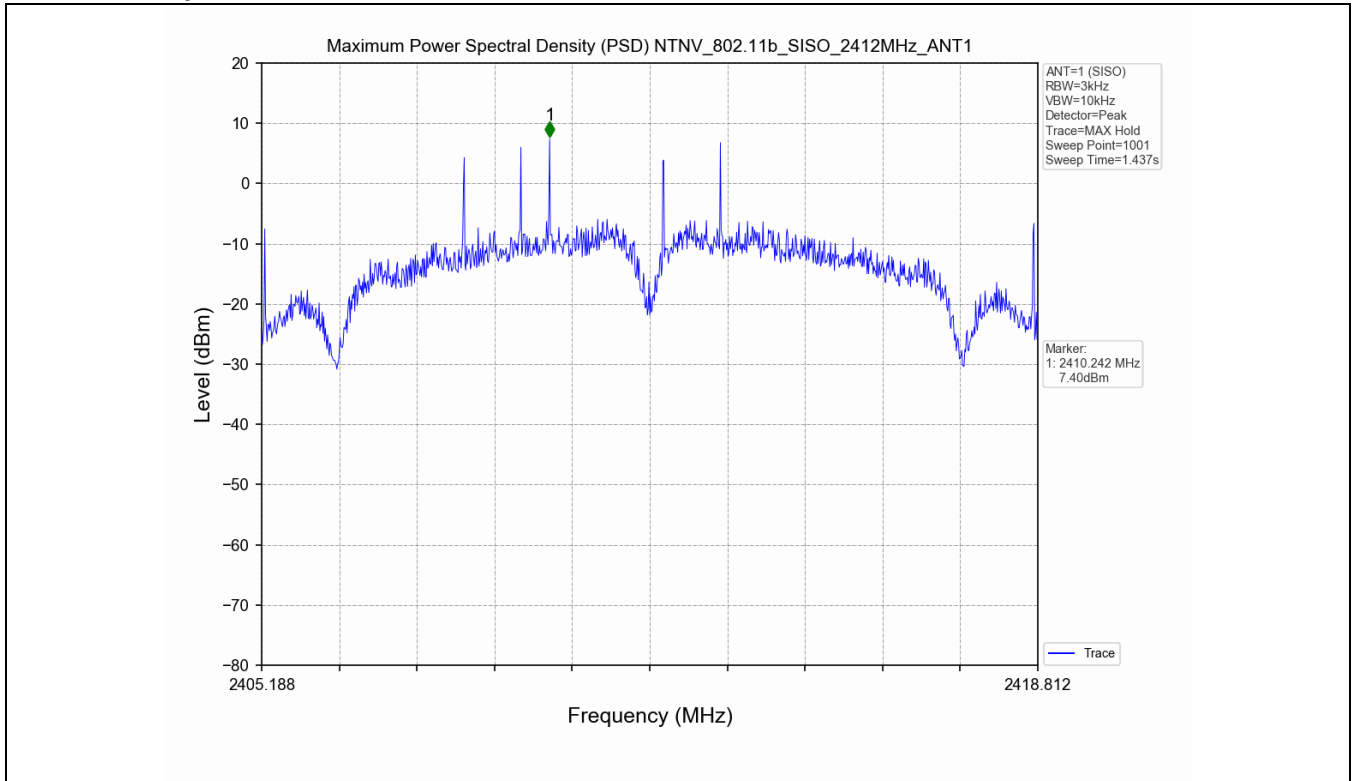
4.1 Test Result

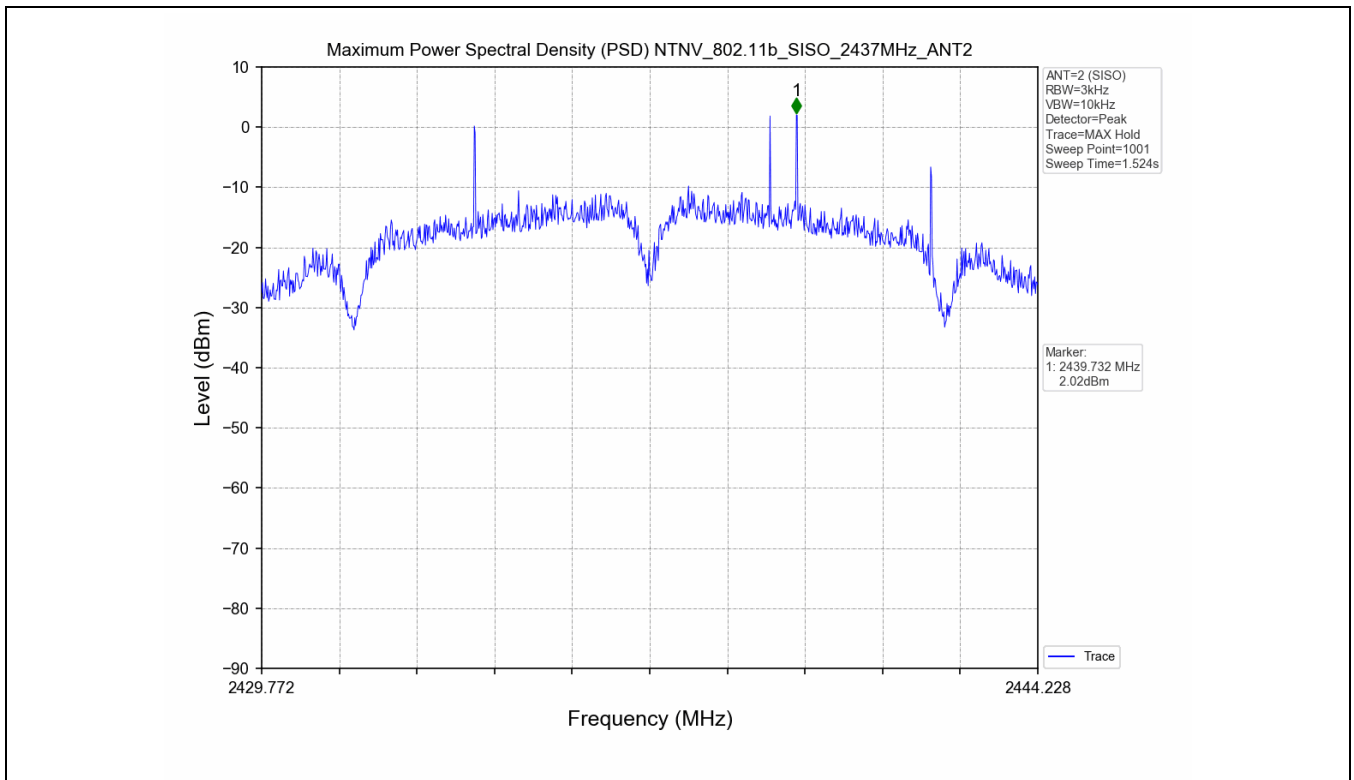
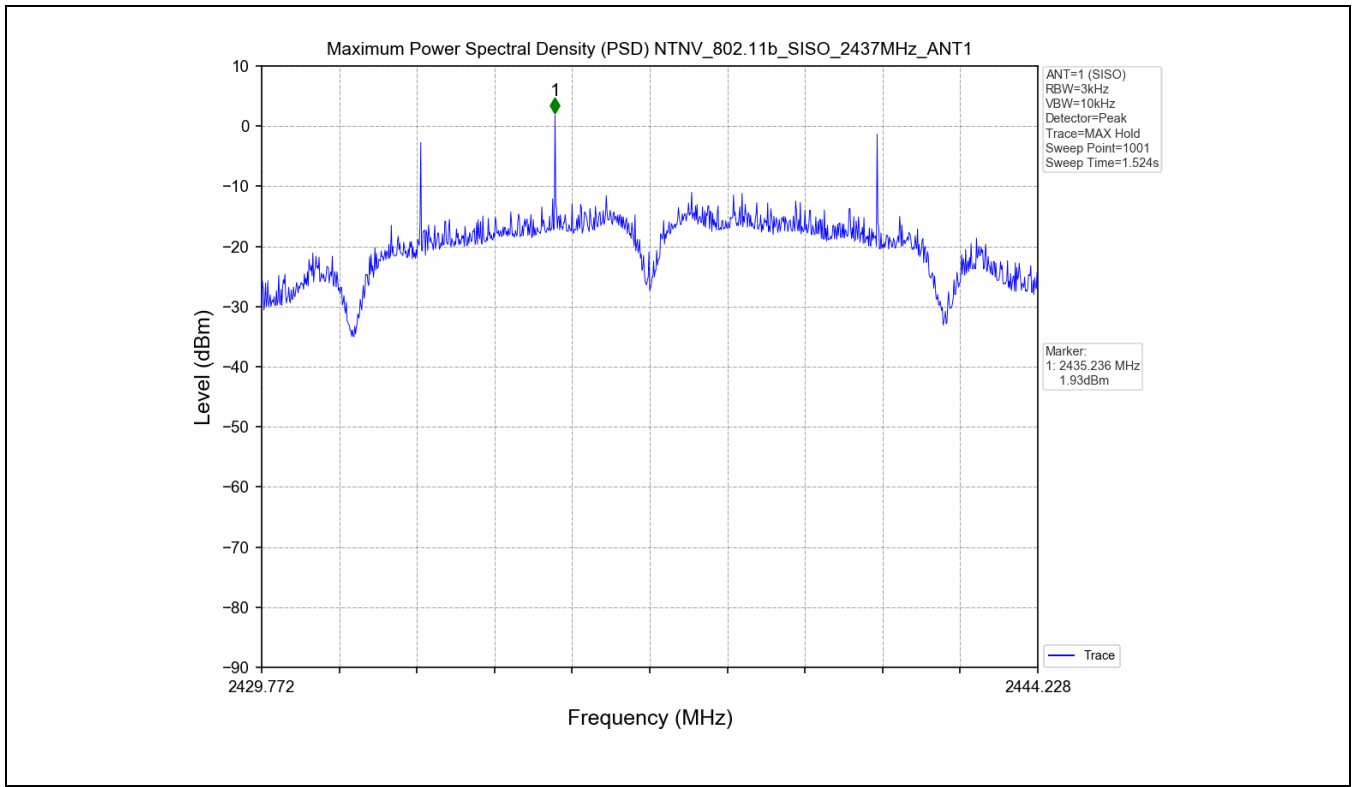
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)			Limits (dBm/3kHz)		Verdict
			Ant 1	Ant 2	Total	SISO	MIMO	
802.11b	2412	SISO	7.40	4.61	/	≤8	/	PASS
	2437	SISO	1.93	2.02	/	≤8	/	PASS
	2462	SISO	7.83	2.19	/	≤8	/	PASS
802.11g	2412	SISO	-8.80	-10.54	/	≤8	/	PASS
	2437	SISO	-14.85	-13.64	/	≤8	/	PASS
	2462	SISO	-8.76	-10.62	/	≤8	/	PASS
802.11n(HT20)	2412	MIMO	-9.86	-10.09	-7.25	/	≤7.99	PASS
	2437	MIMO	-14.39	-13.33	-11.44	/	≤7.99	PASS
	2462	MIMO	-9.34	-9.87	-7.19	/	≤7.99	PASS
802.11n(HT40)	2422	MIMO	-12.77	-13.83	-10.25	/	≤7.99	PASS
	2437	MIMO	-16.11	-16.69	-13.62	/	≤7.99	PASS
	2452	MIMO	-13.39	-14.65	-11.26	/	≤7.99	PASS

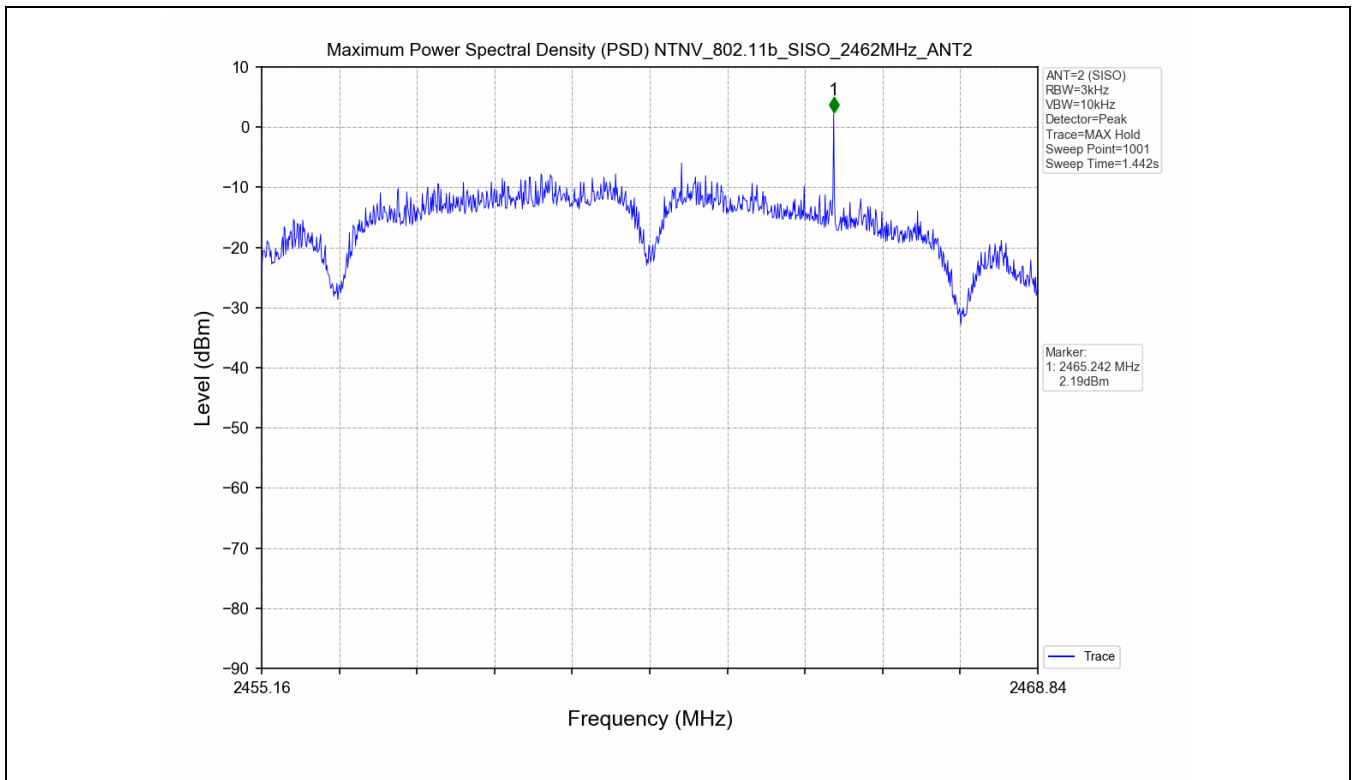
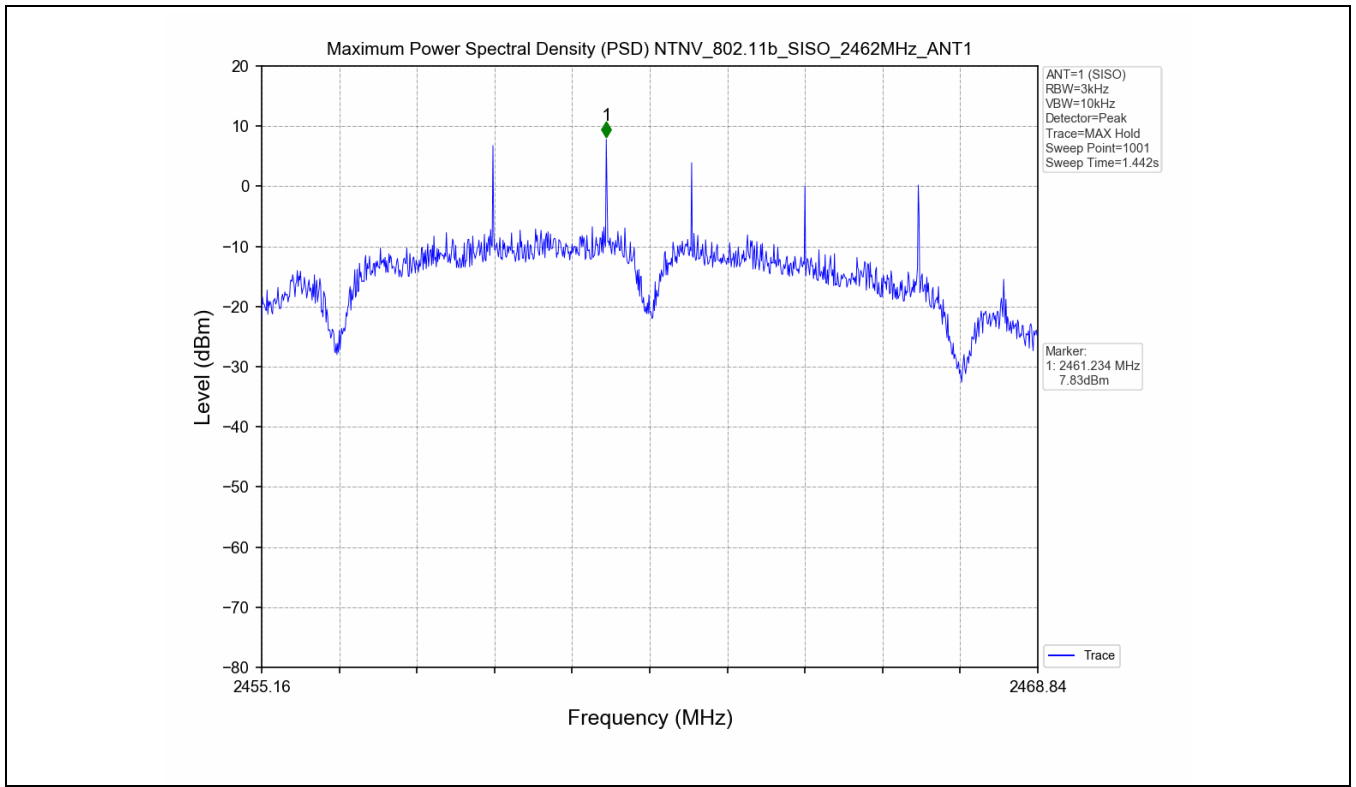
Note: Directional gain=G_{ant} + Array gain= G_{Ant} + 10*log(N_{Ant}/N_{ss}) = 3.0+10*log(2/1) =6.01dBi.

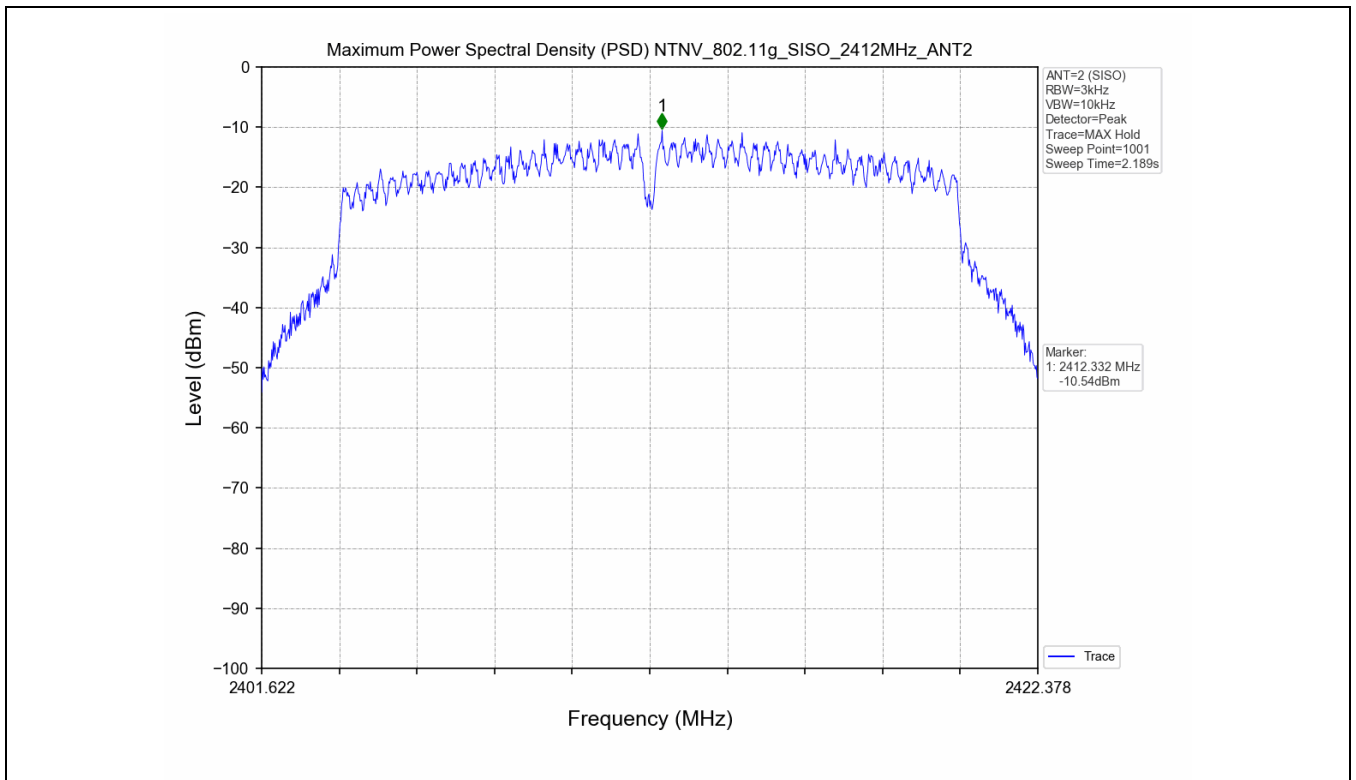
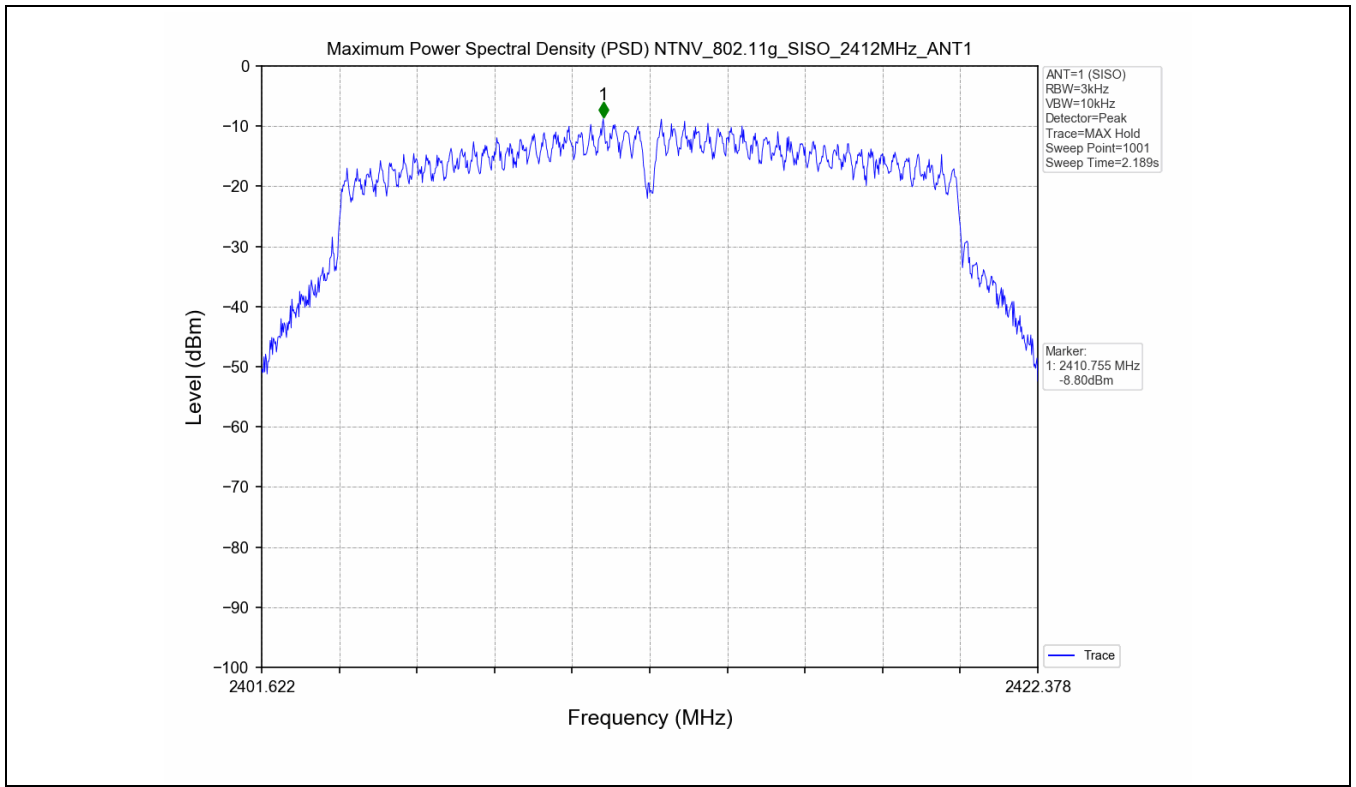


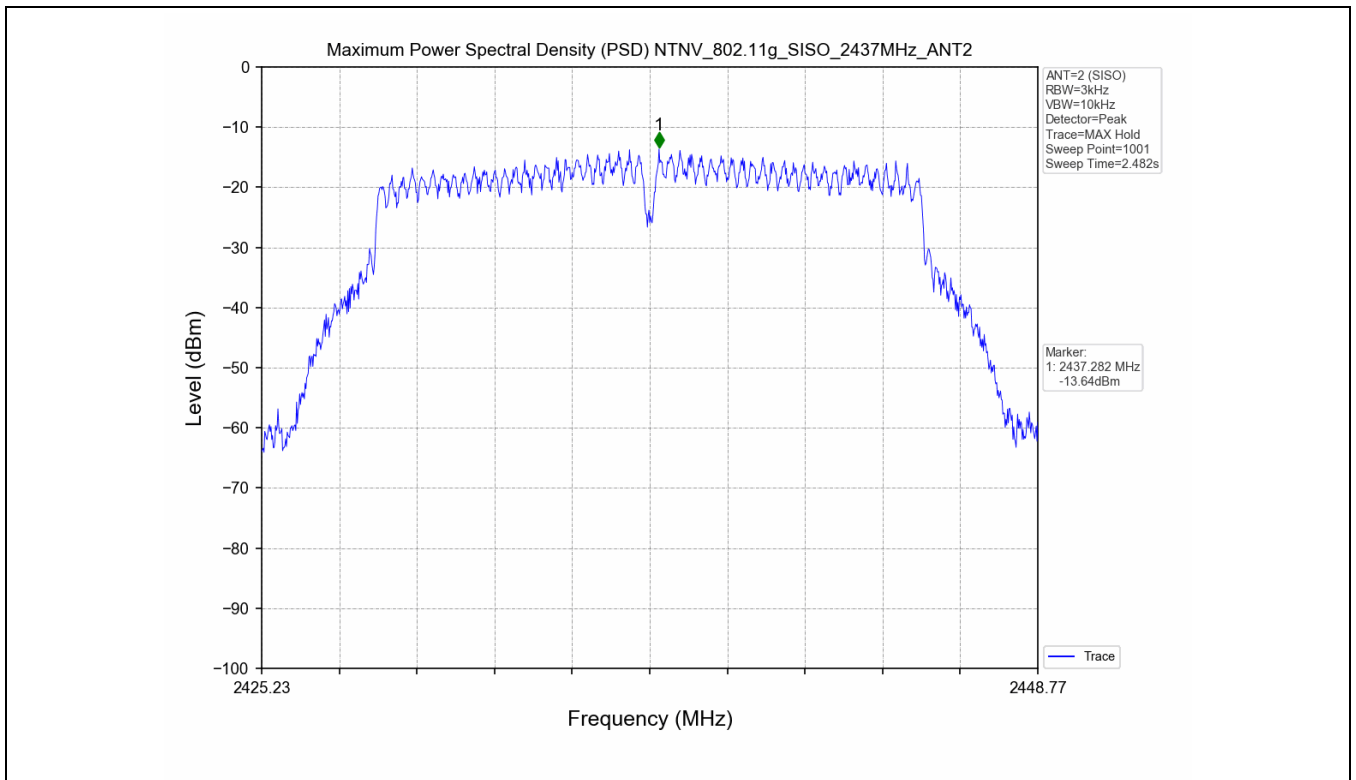
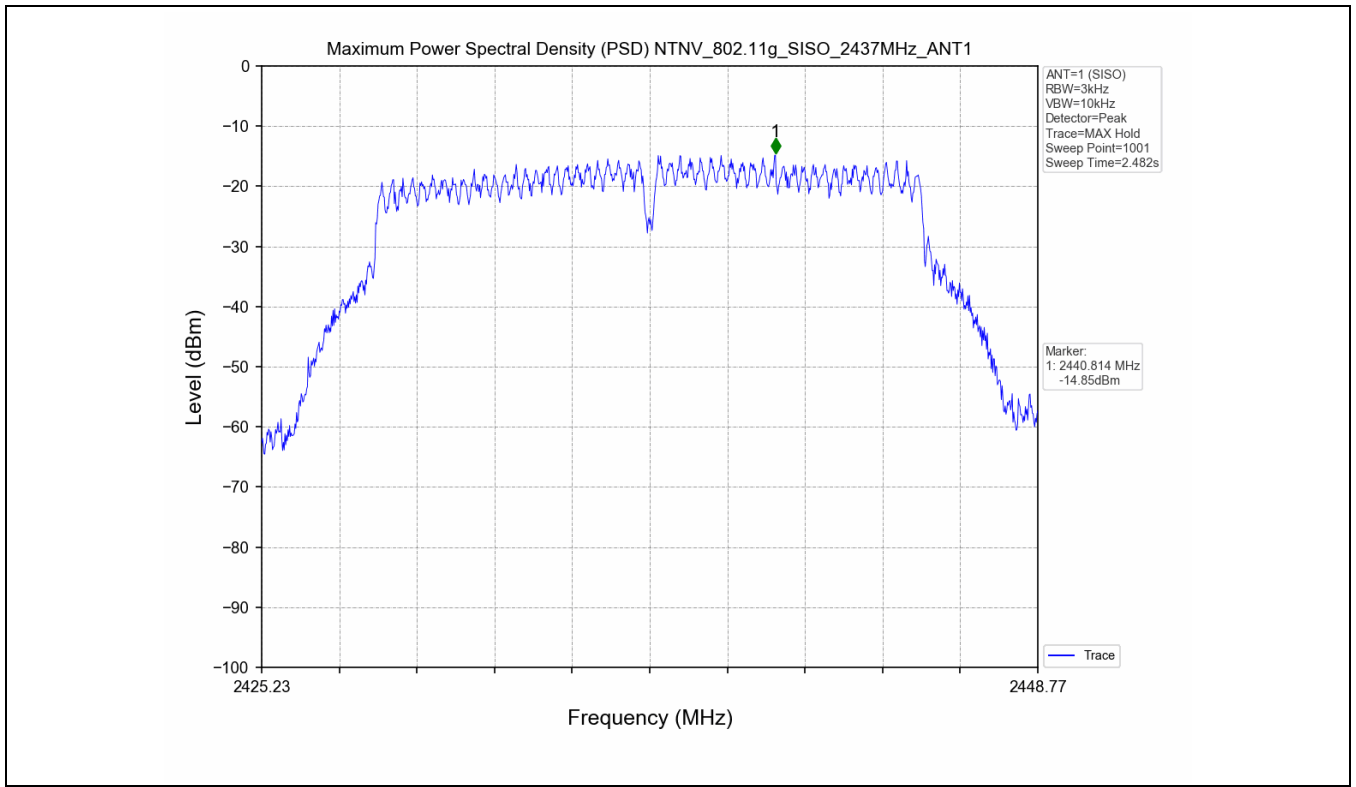
4.2 Test Graph

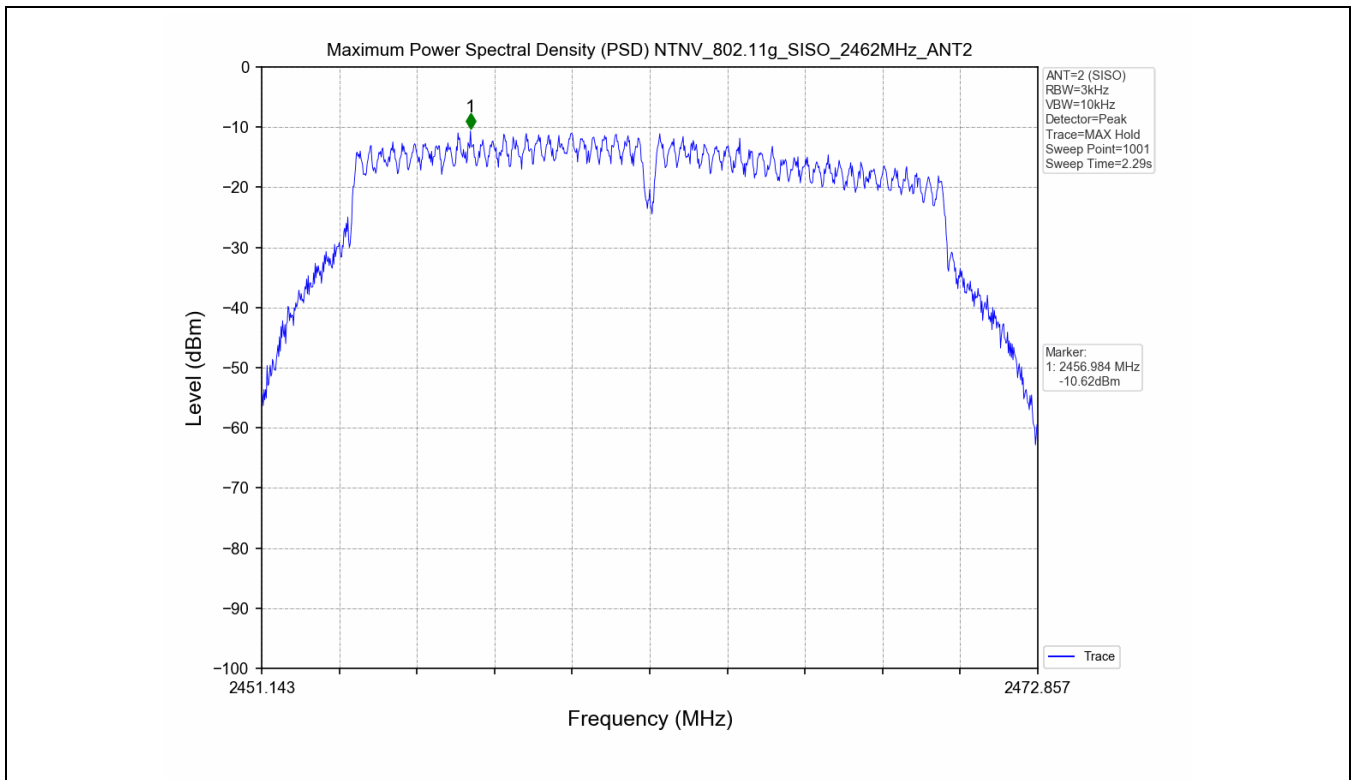
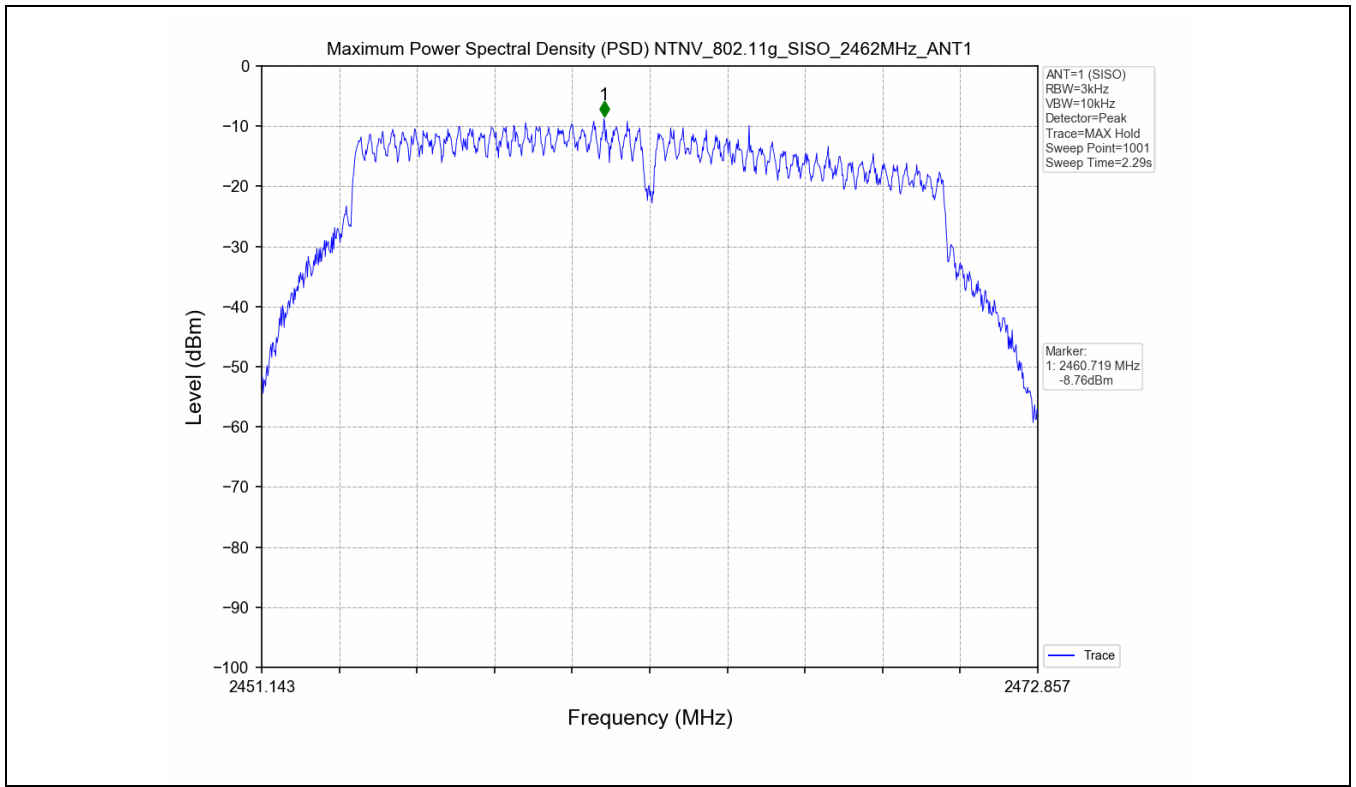


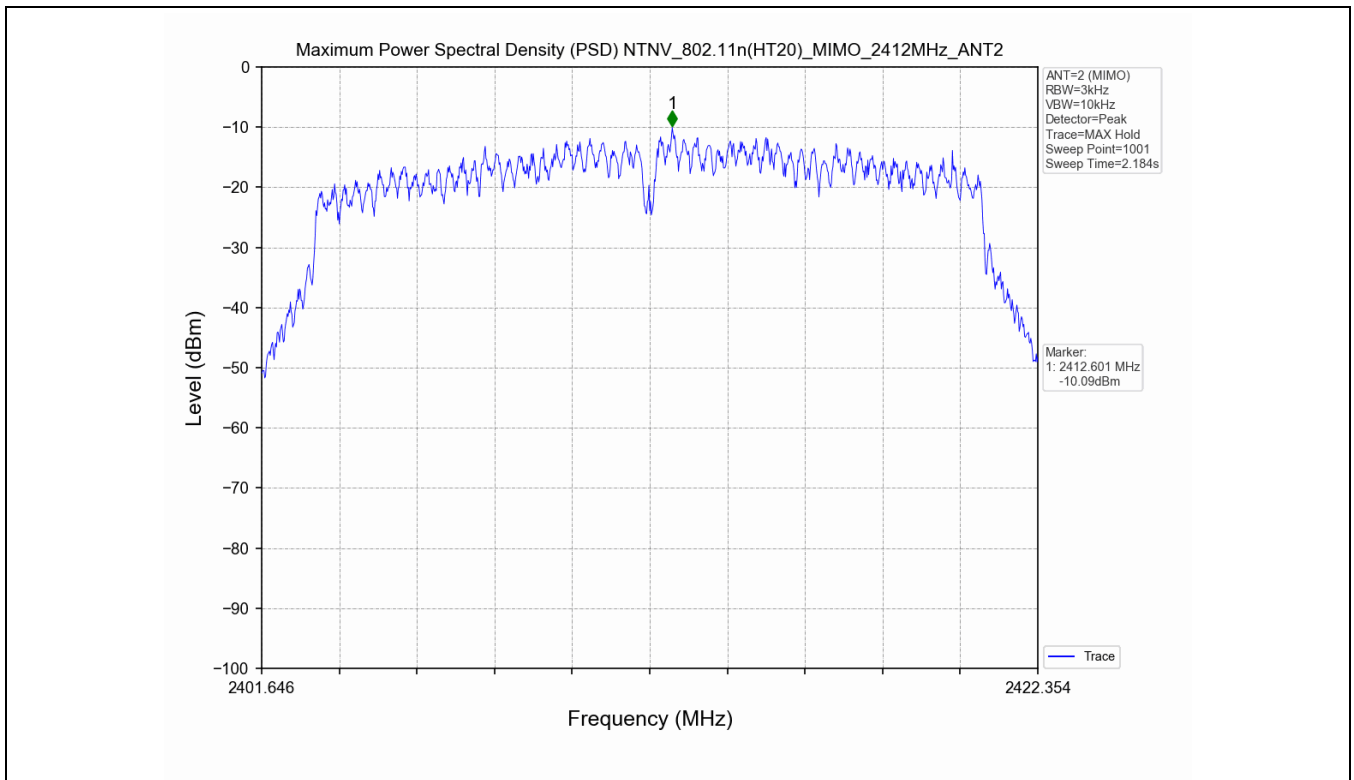
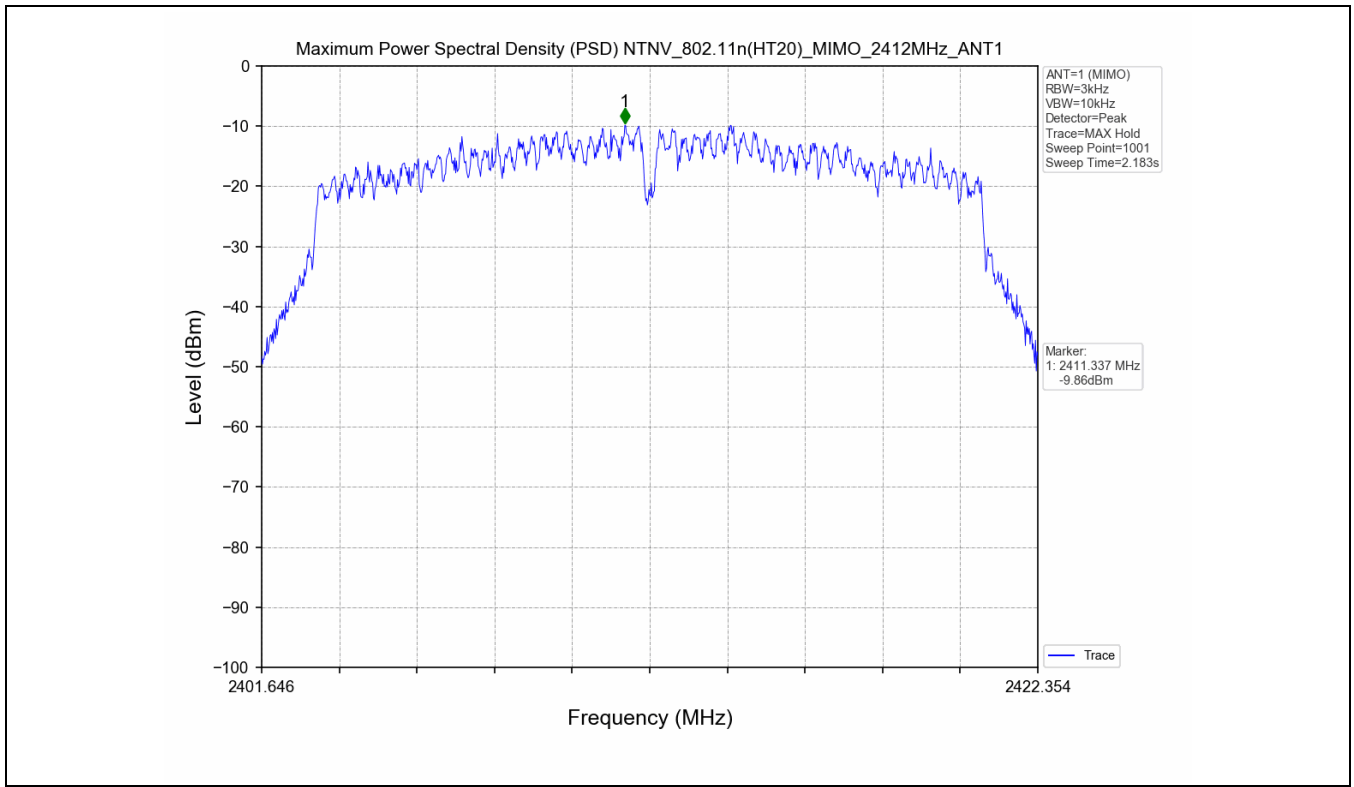


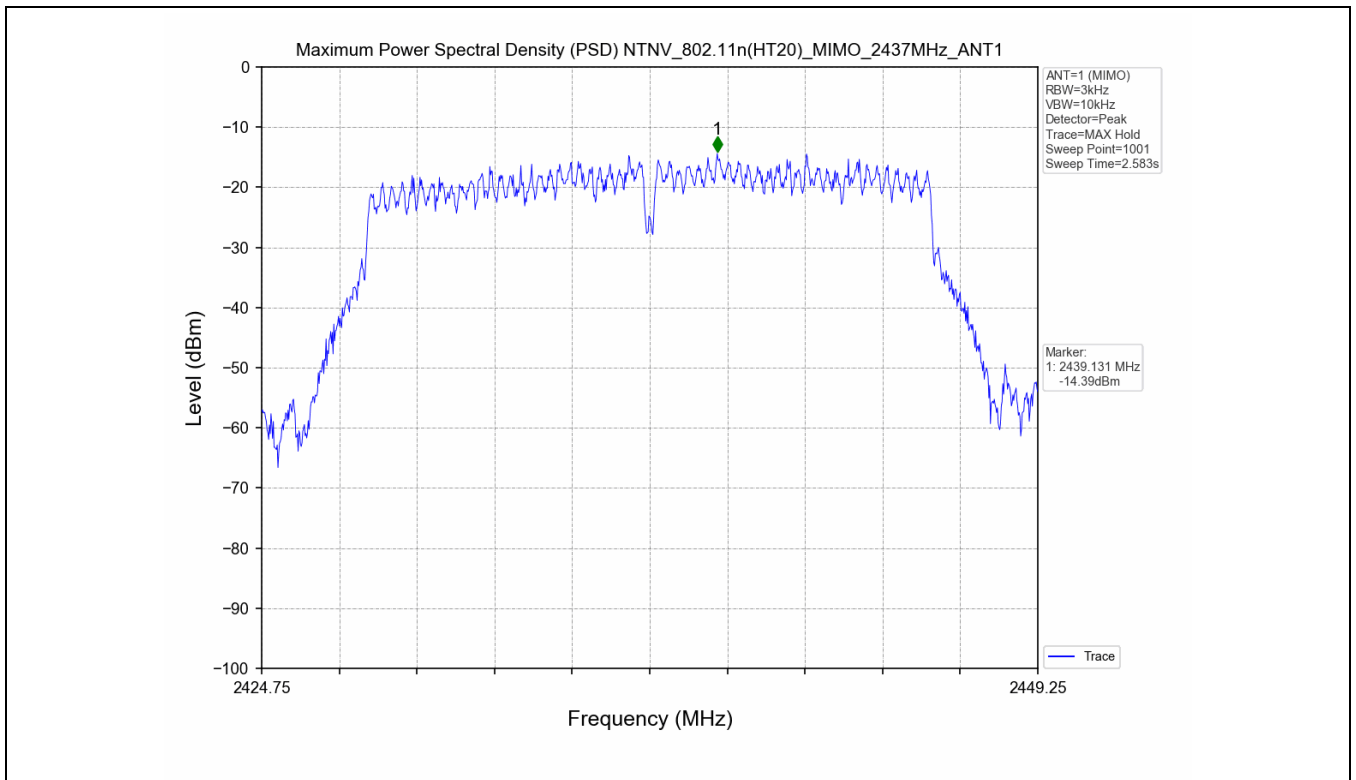
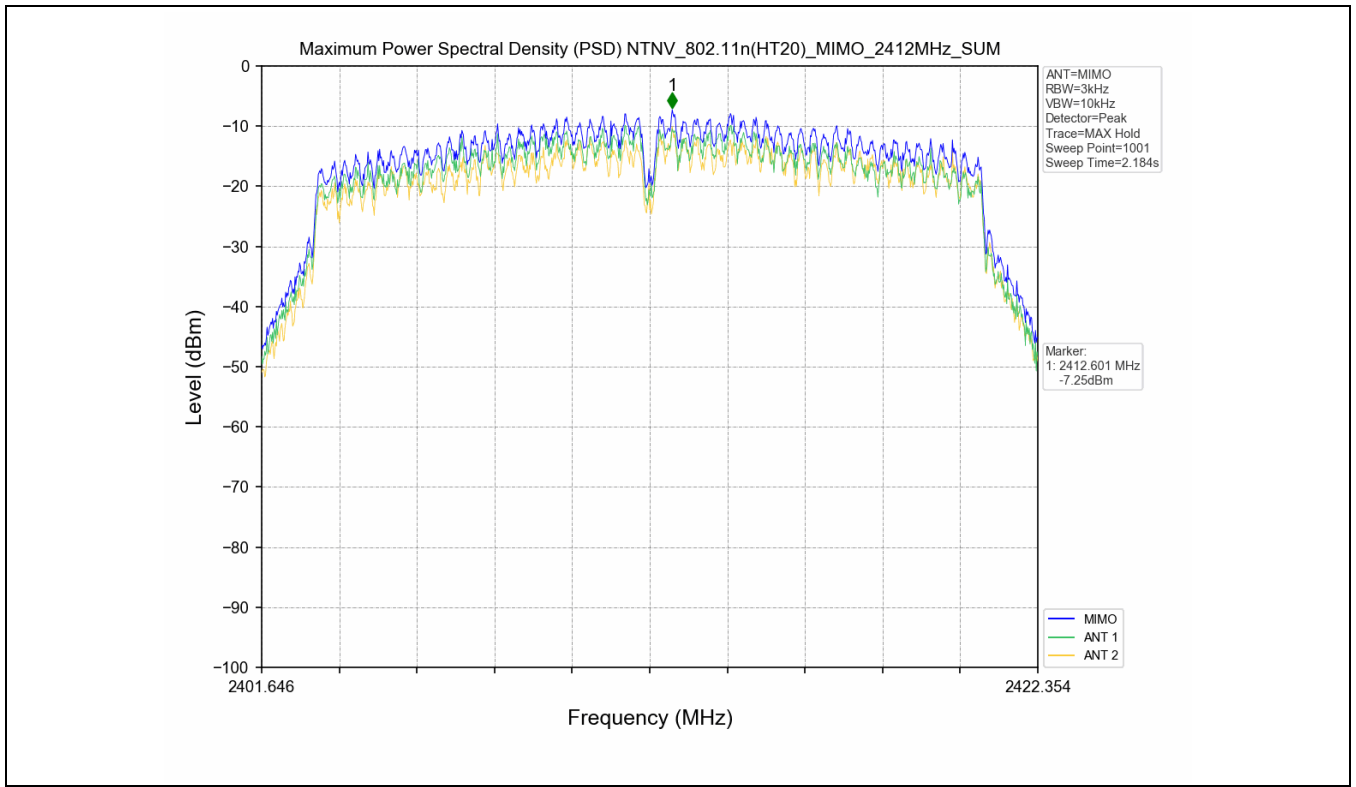


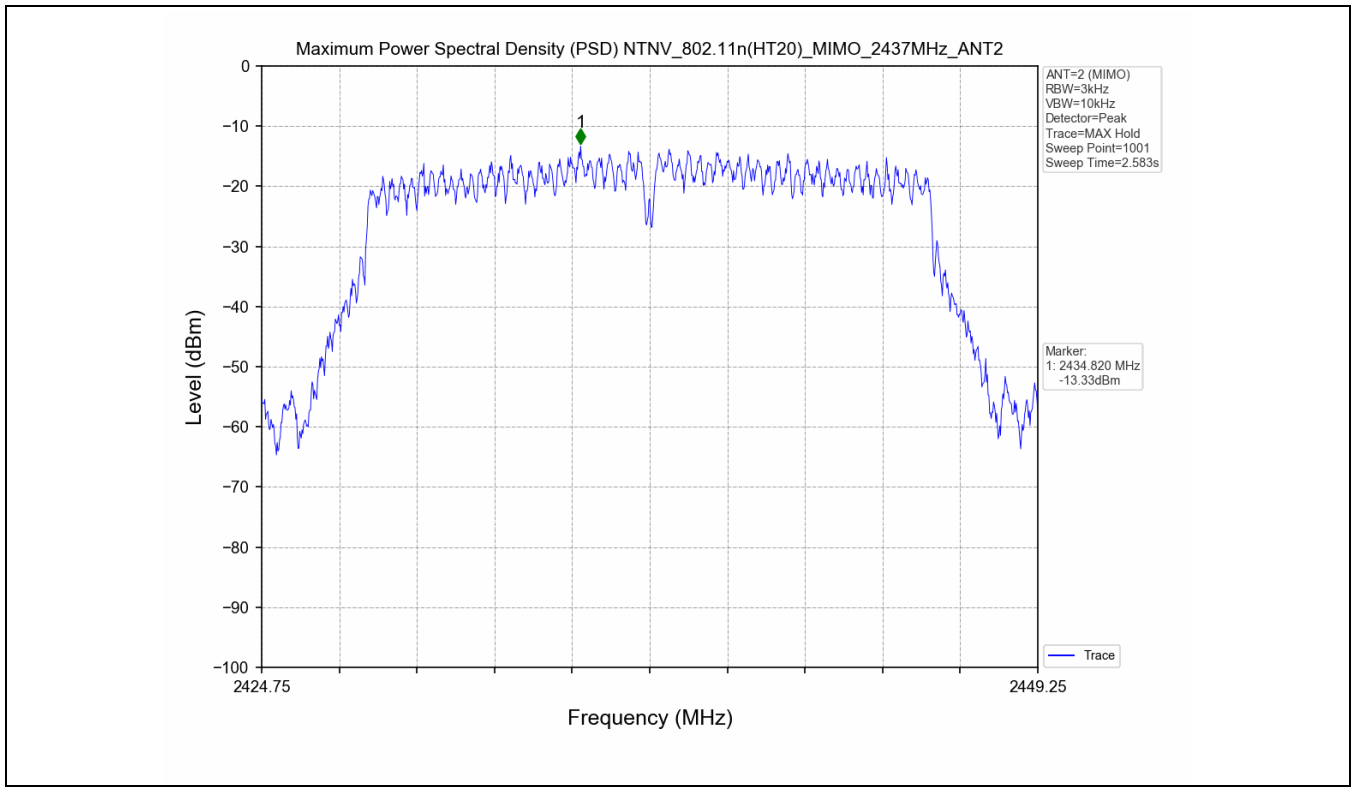


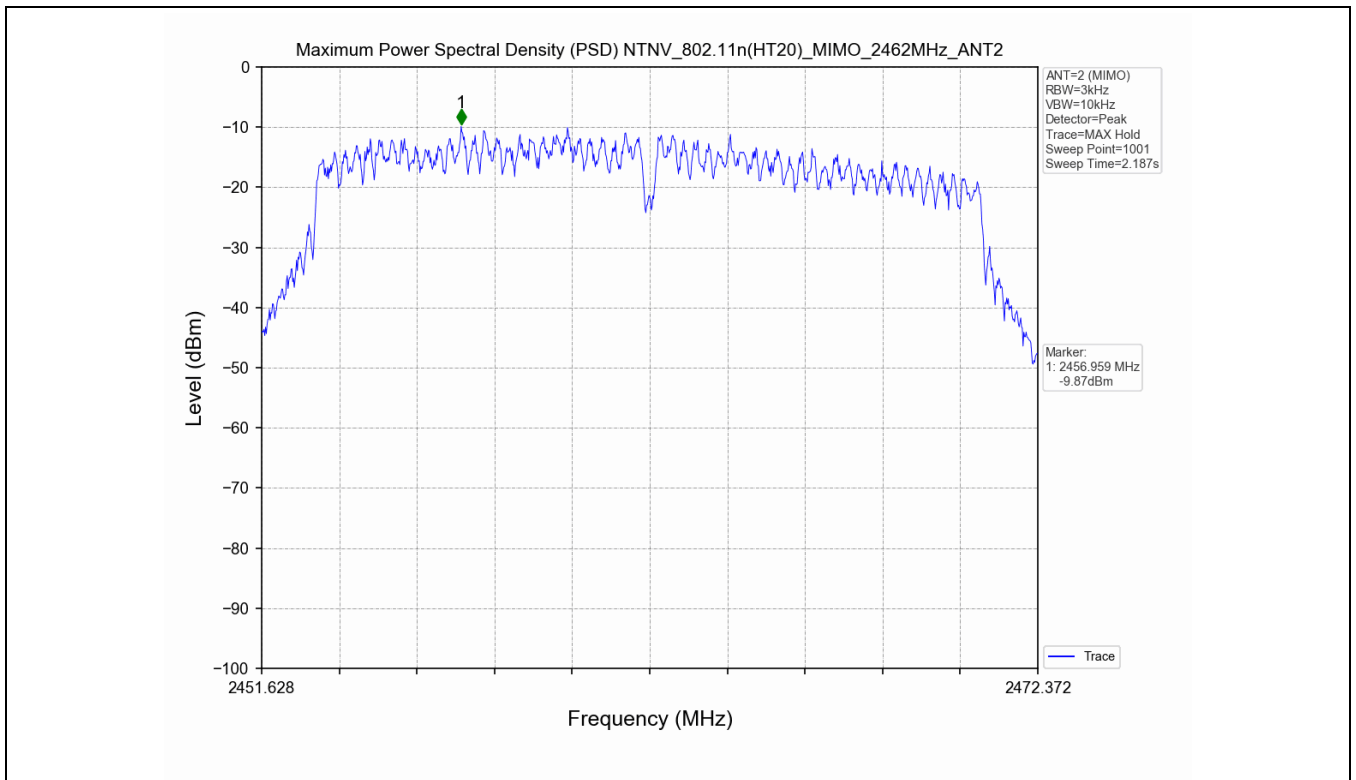
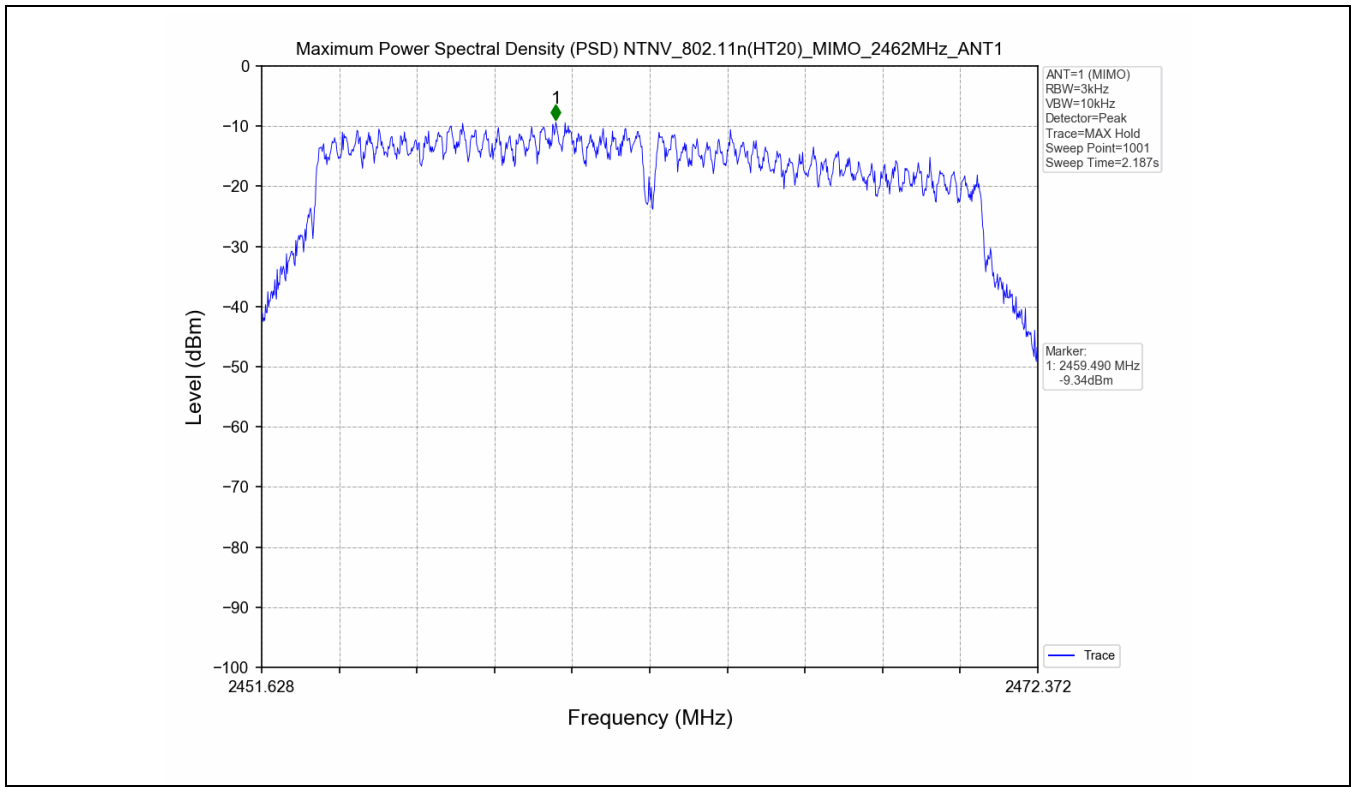


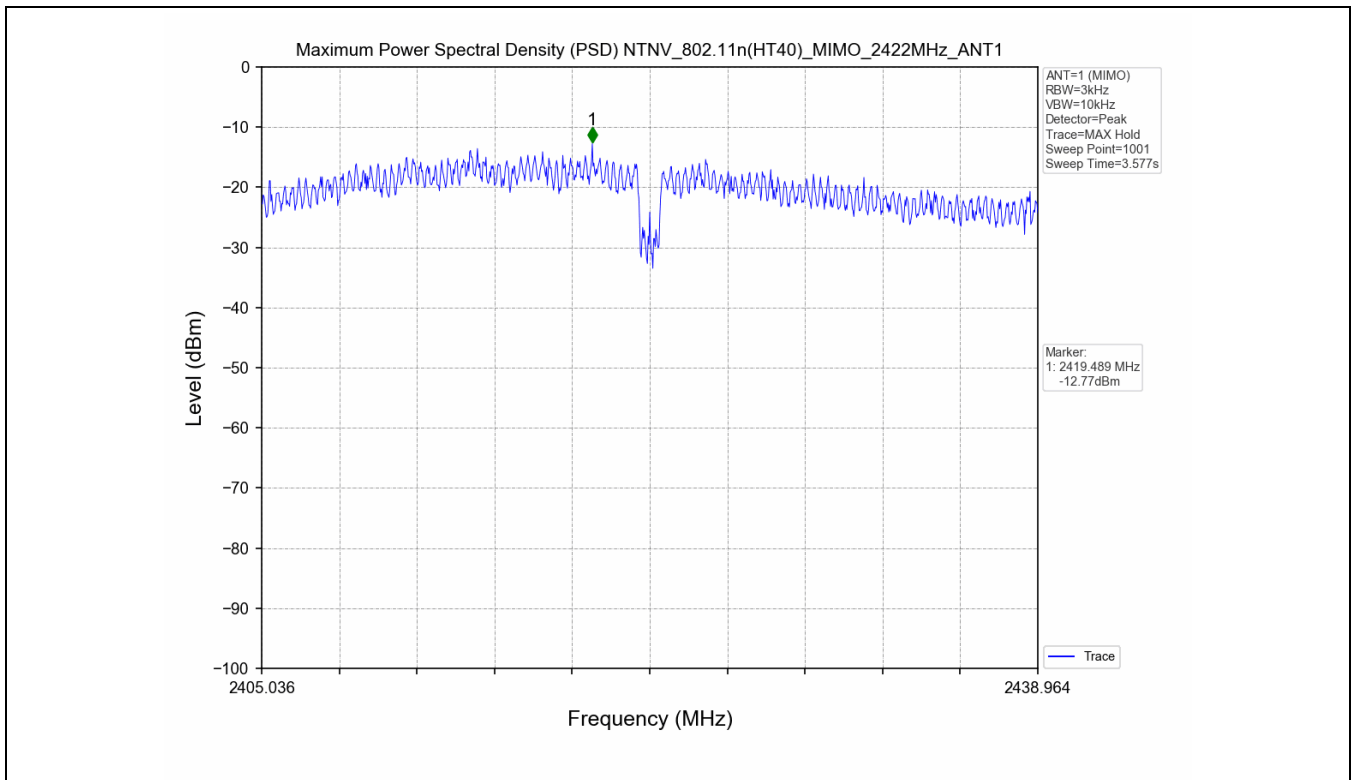
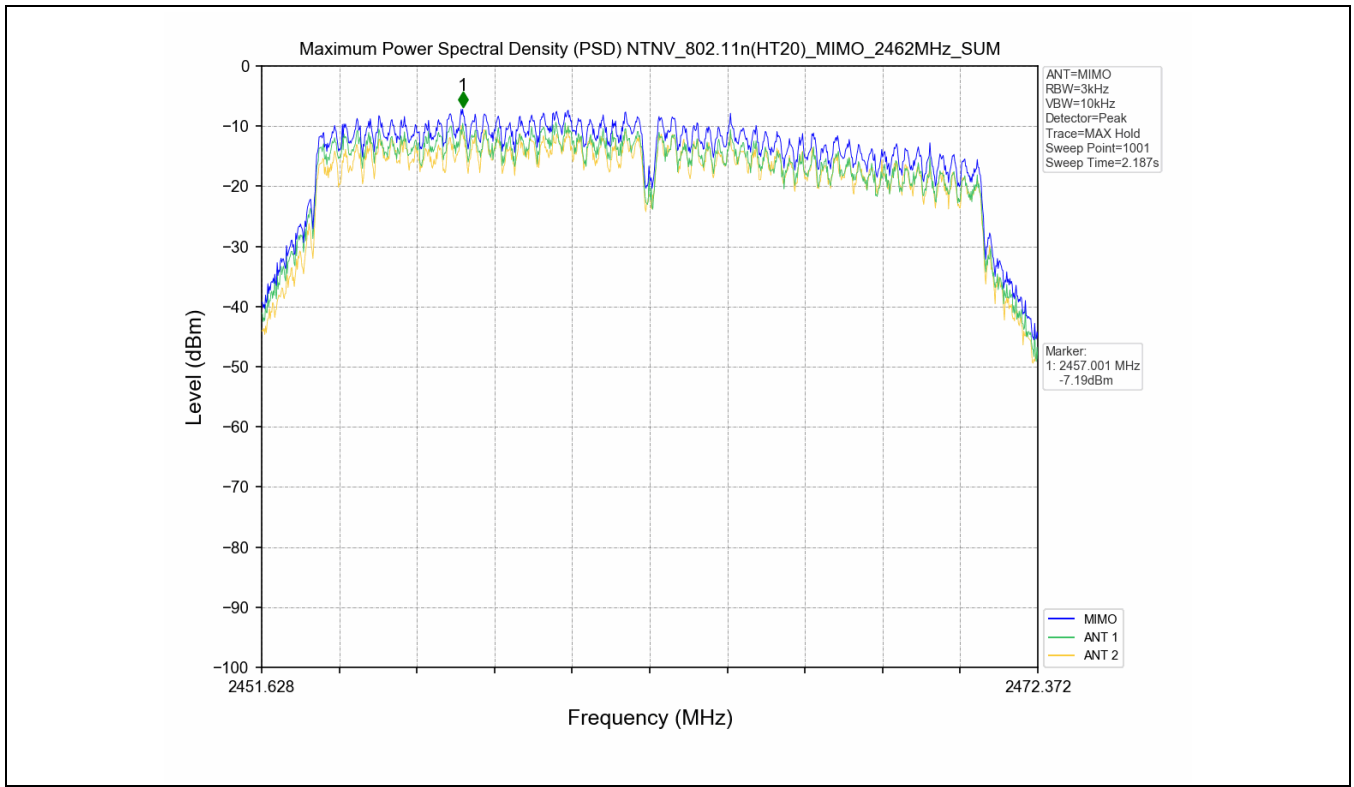


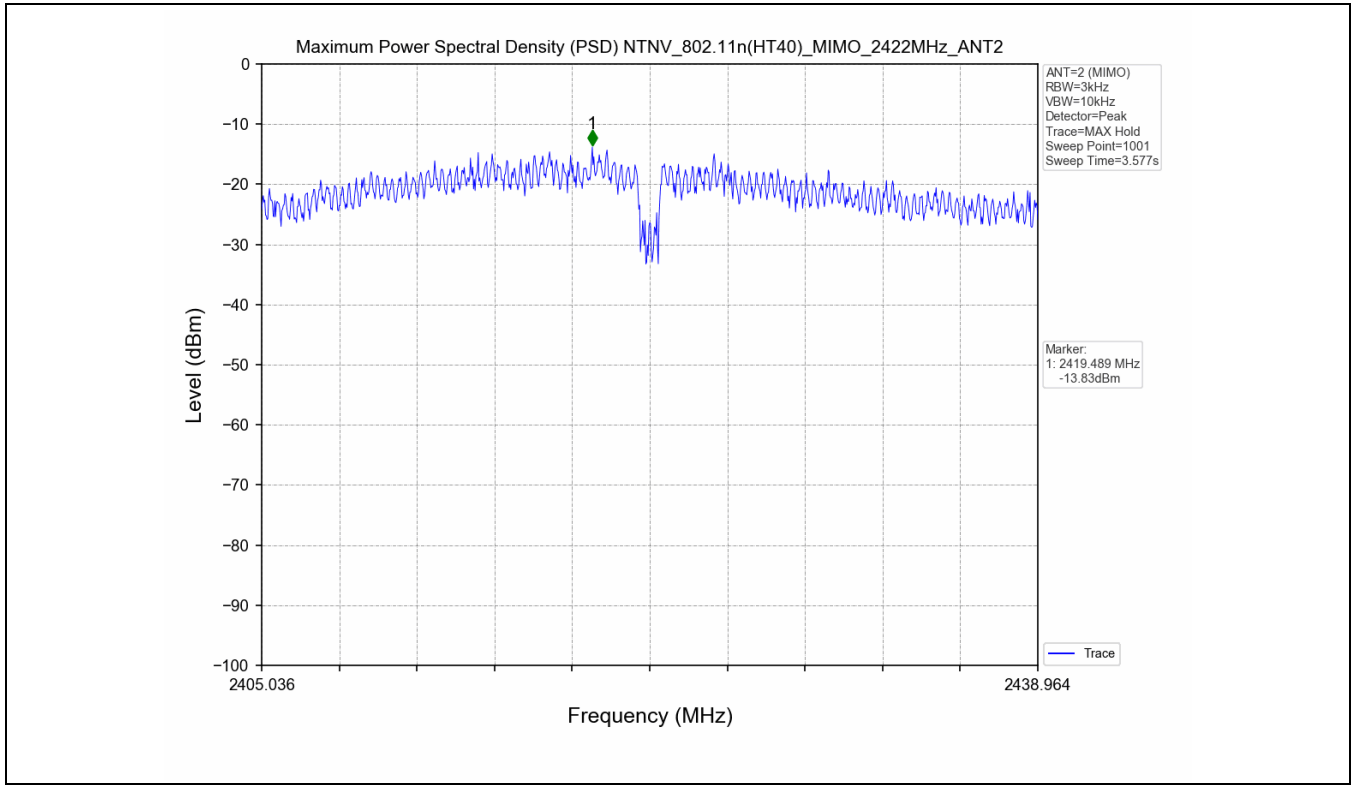


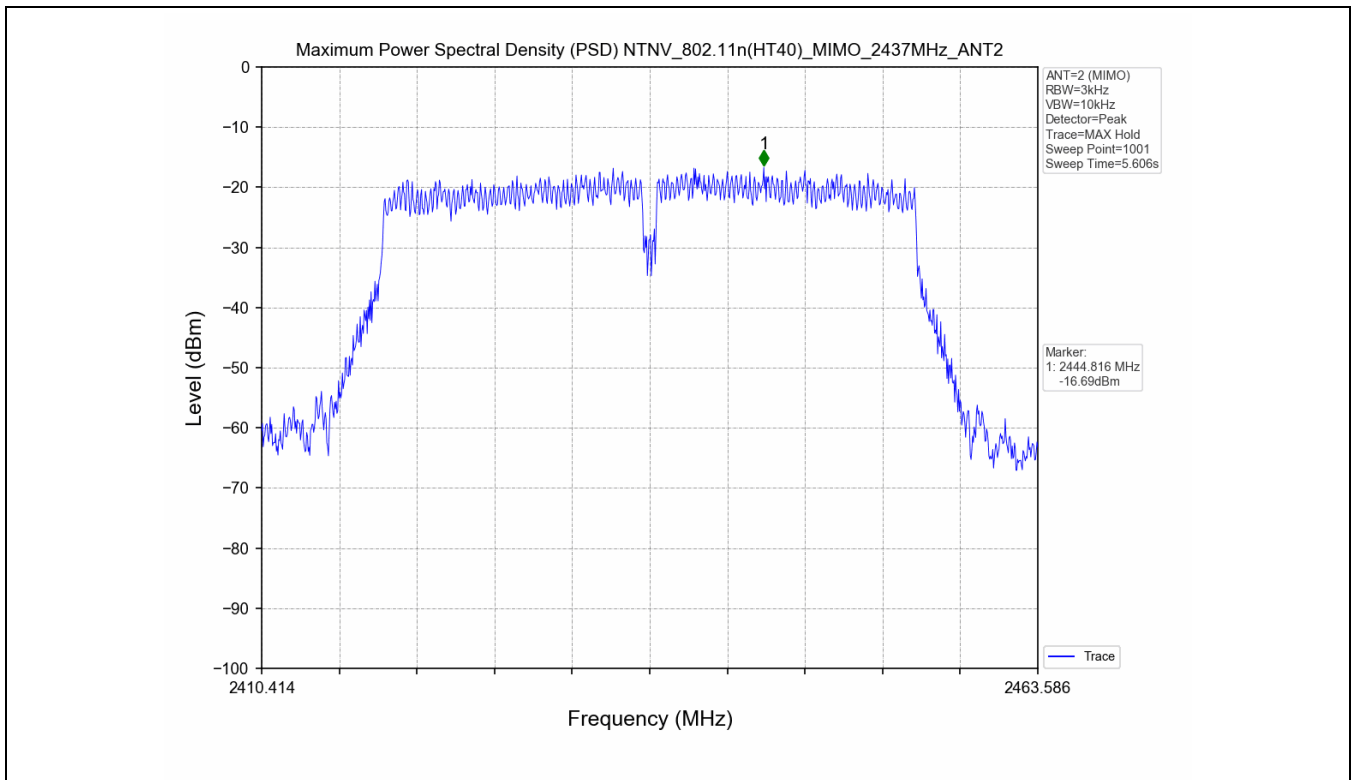
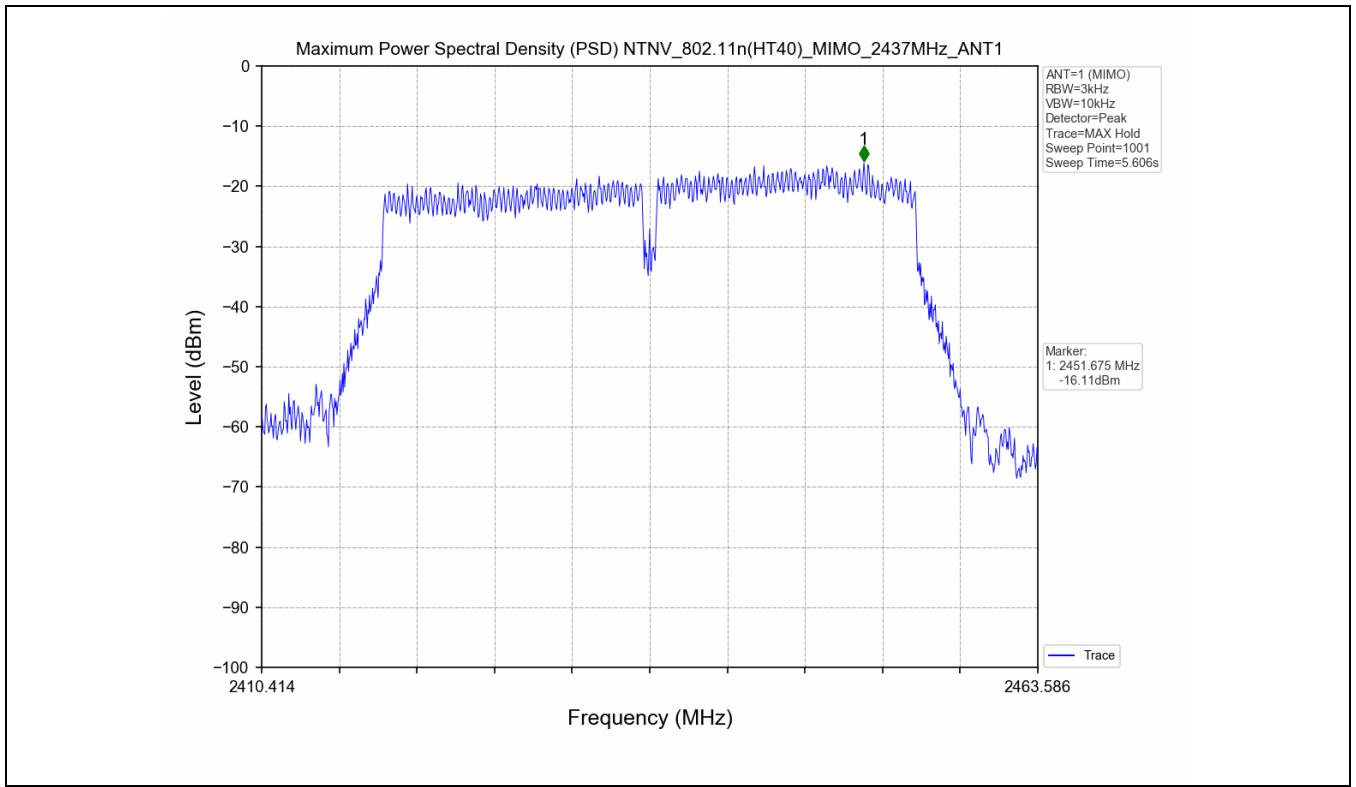


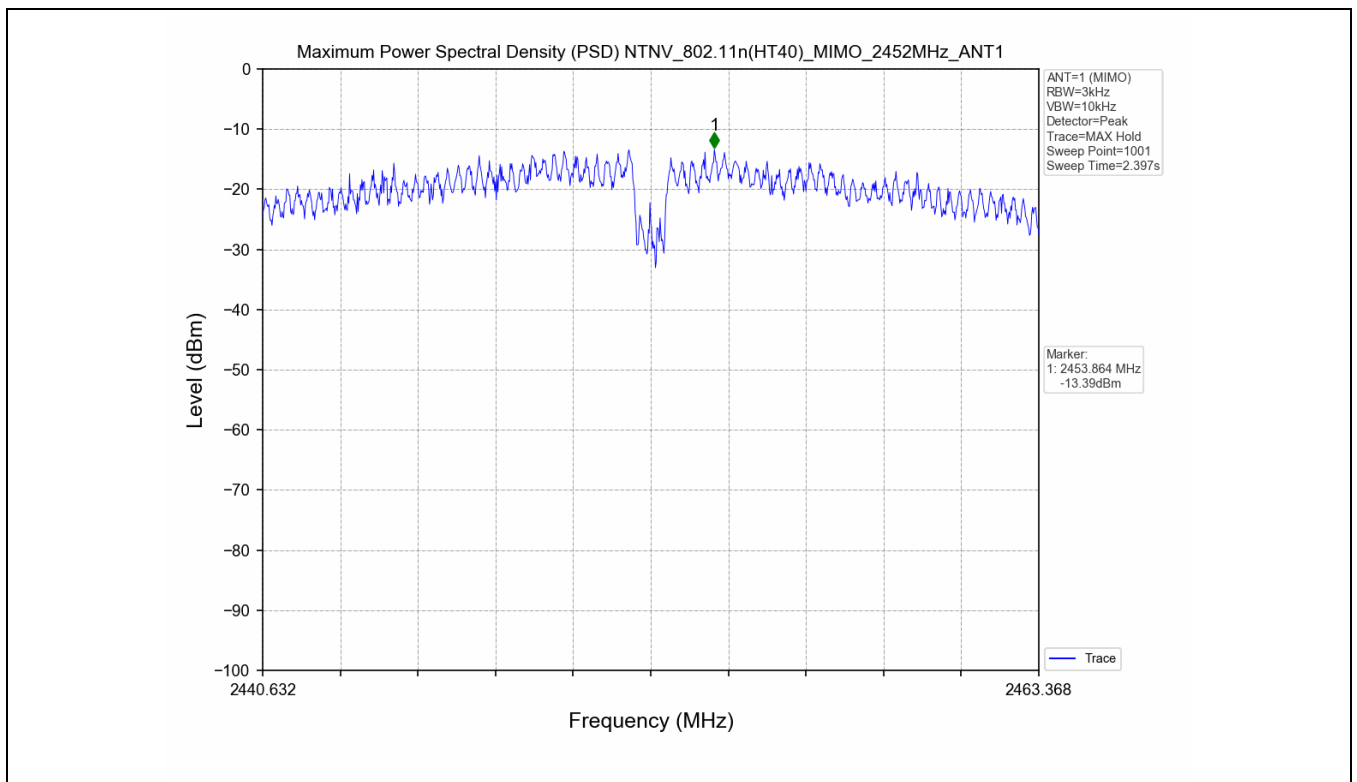
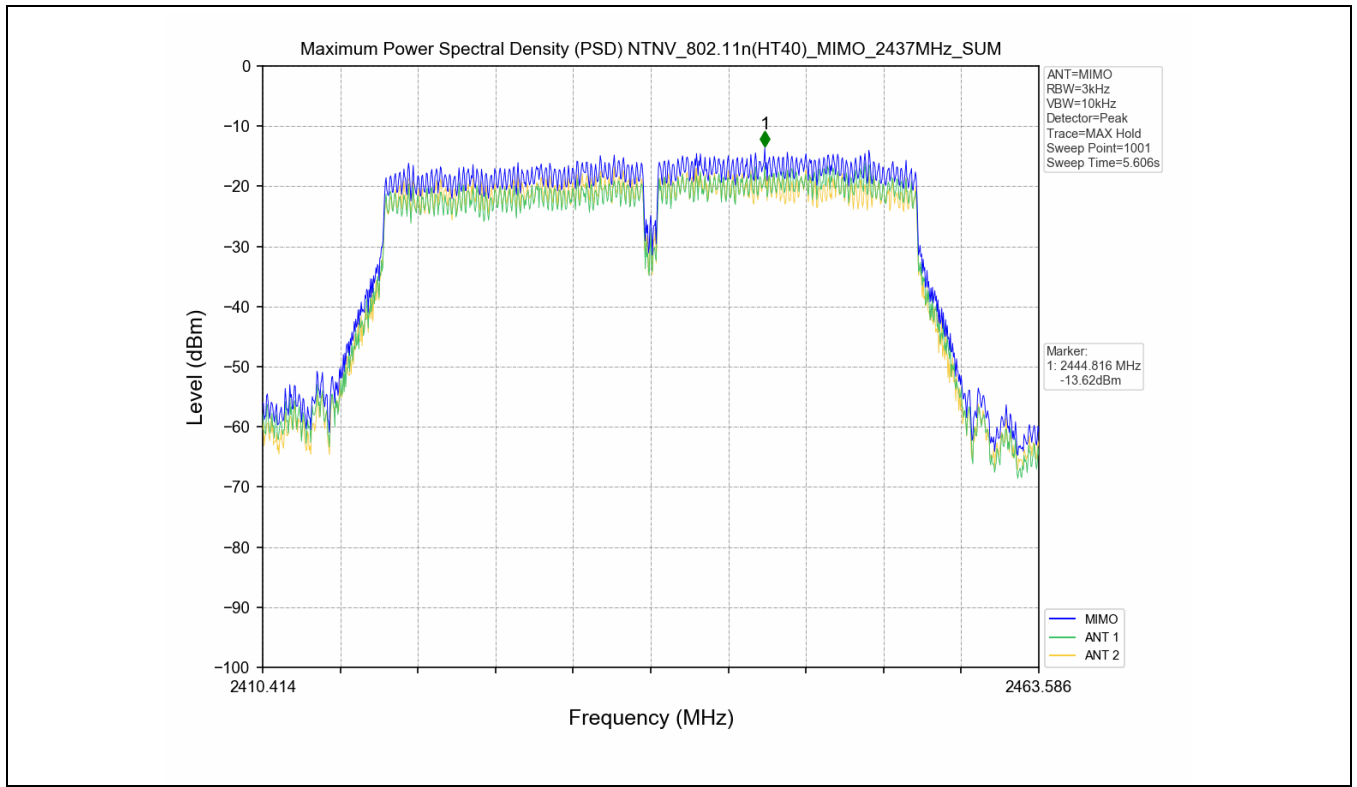


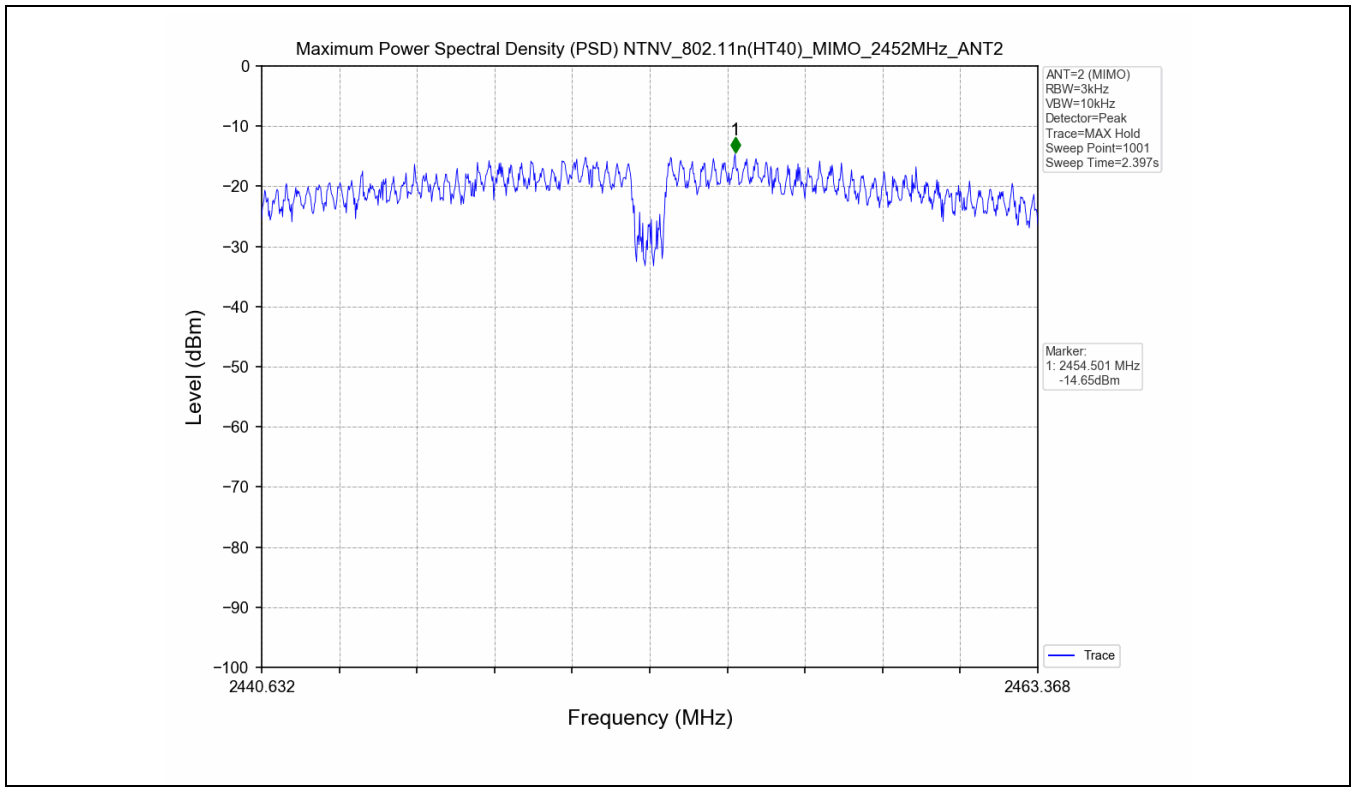












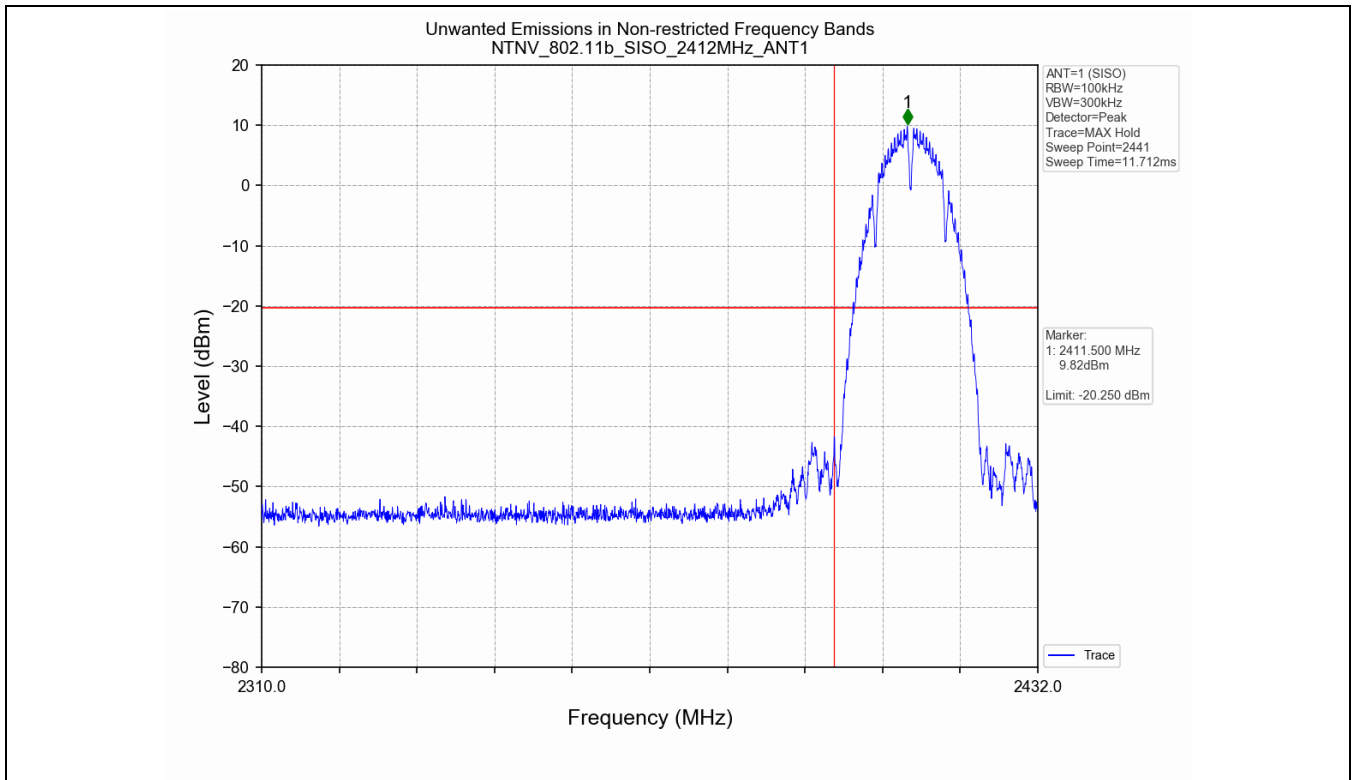
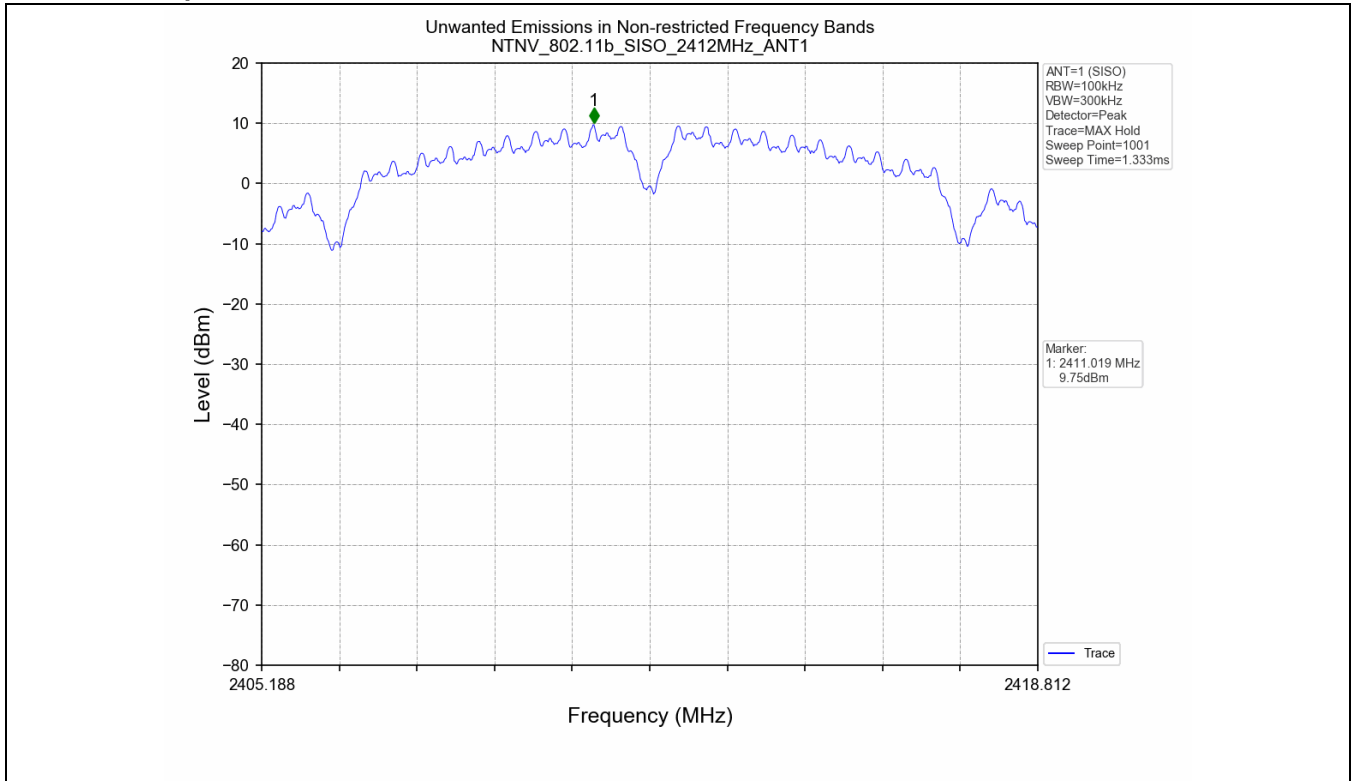
5. Unwanted Emissions in Non-restricted Frequency Bands

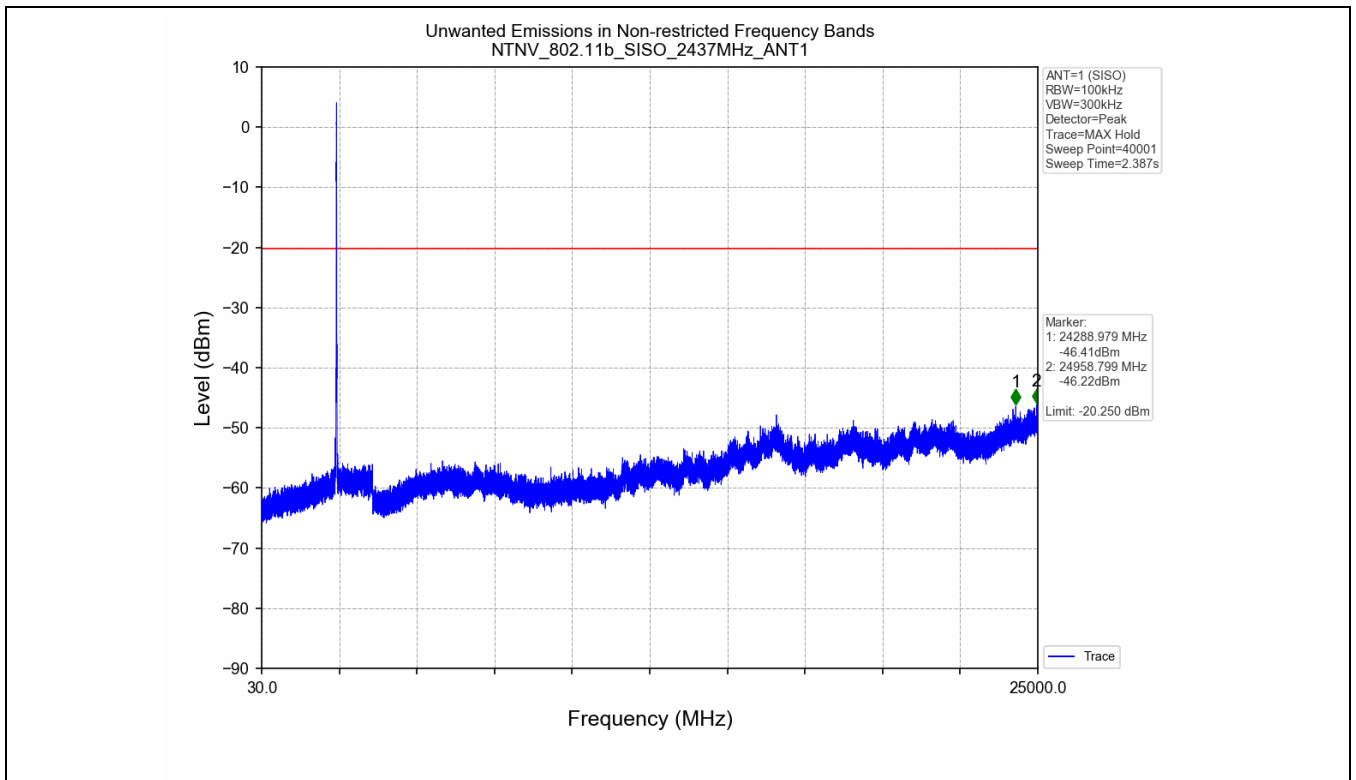
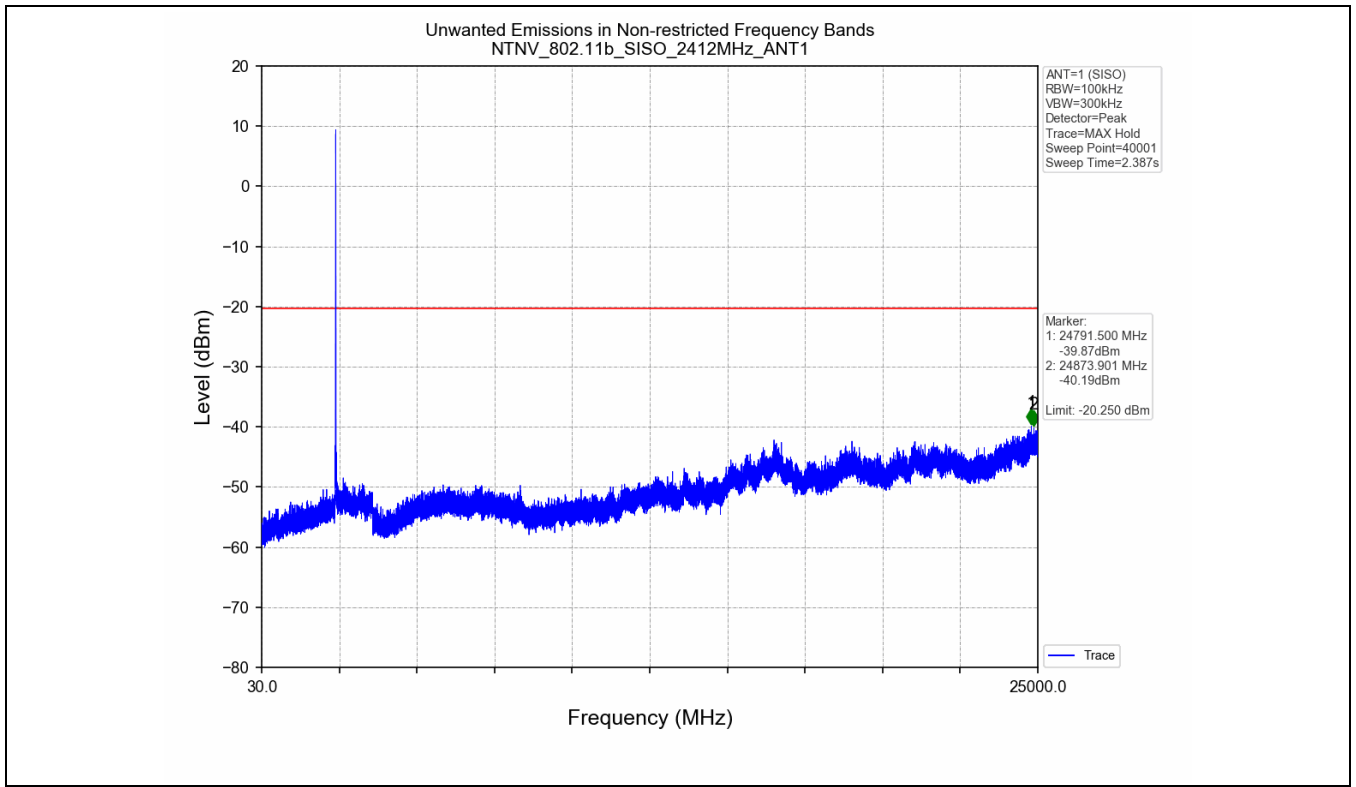
5.1 Test Result

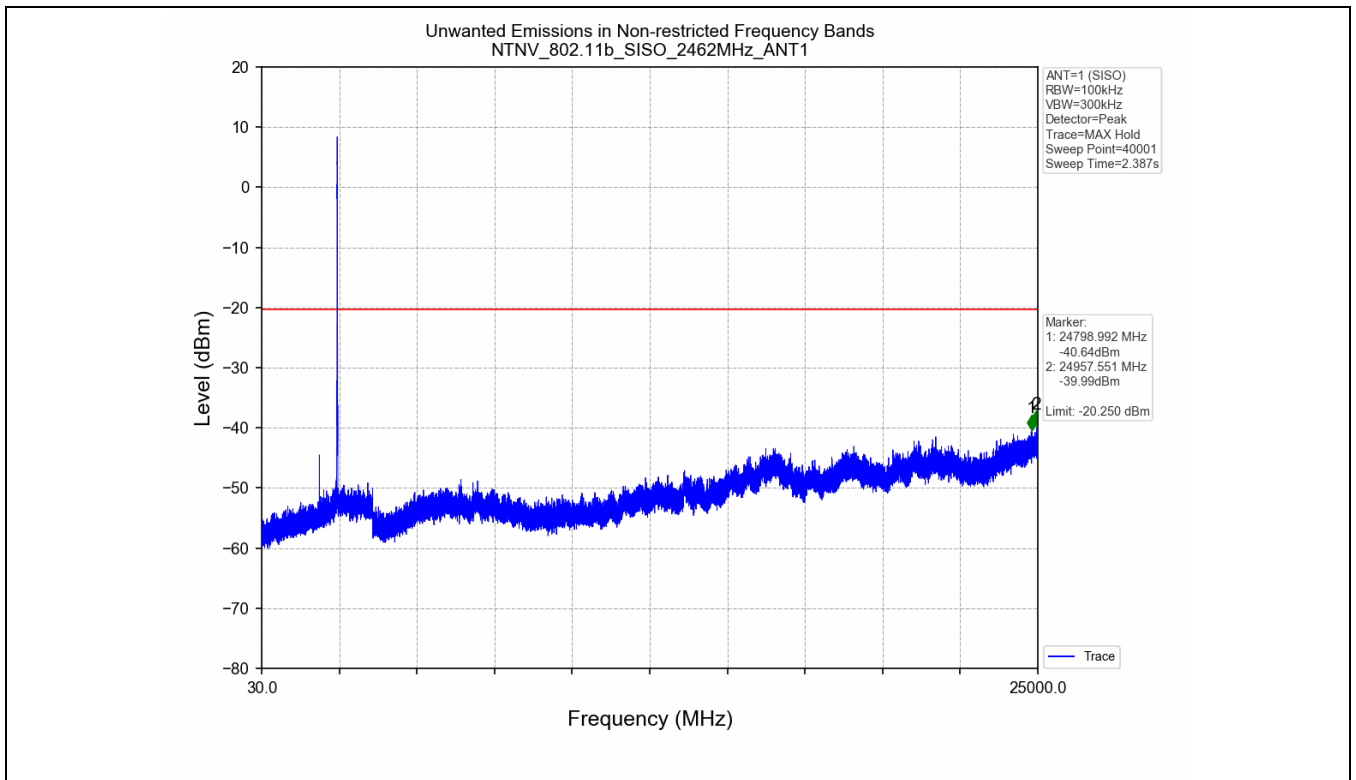
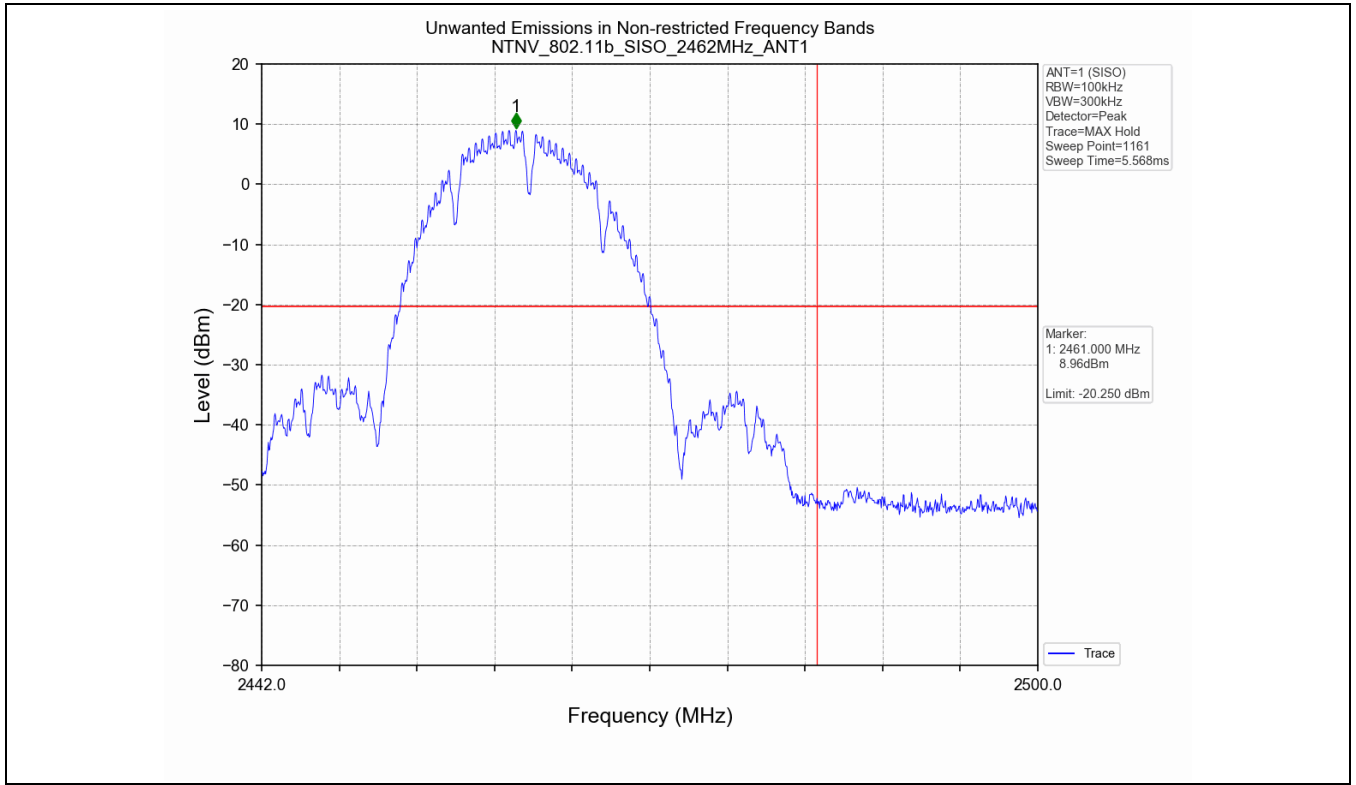
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-20.25	PASS
	2437	SISO	1	Refer to test graph	-20.25	PASS
	2462	SISO	1	Refer to test graph	-20.25	PASS
802.11g	2412	SISO	1	Refer to test graph	-22.52	PASS
	2437	SISO	1	Refer to test graph	-22.52	PASS
	2462	SISO	1	Refer to test graph	-22.52	PASS
802.11n(HT20)	2412	MIMO	MIMO	Refer to test graph	-22.45	PASS
	2437	MIMO	MIMO	Refer to test graph	-22.45	PASS
	2462	MIMO	MIMO	Refer to test graph	-22.45	PASS
802.11n(HT40)	2422	MIMO	MIMO	Refer to test graph	-26.93	PASS
	2437	MIMO	MIMO	Refer to test graph	-26.93	PASS
	2452	MIMO	MIMO	Refer to test graph	-26.93	PASS

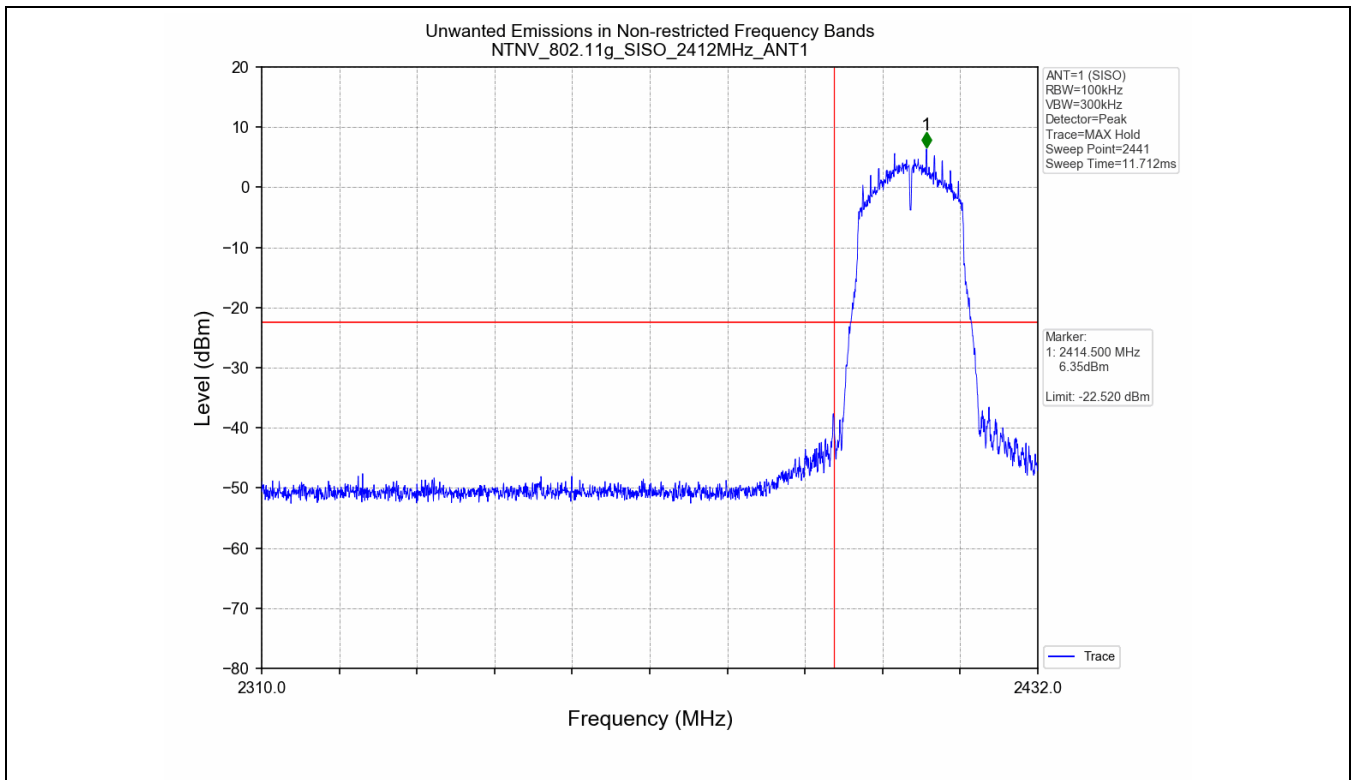
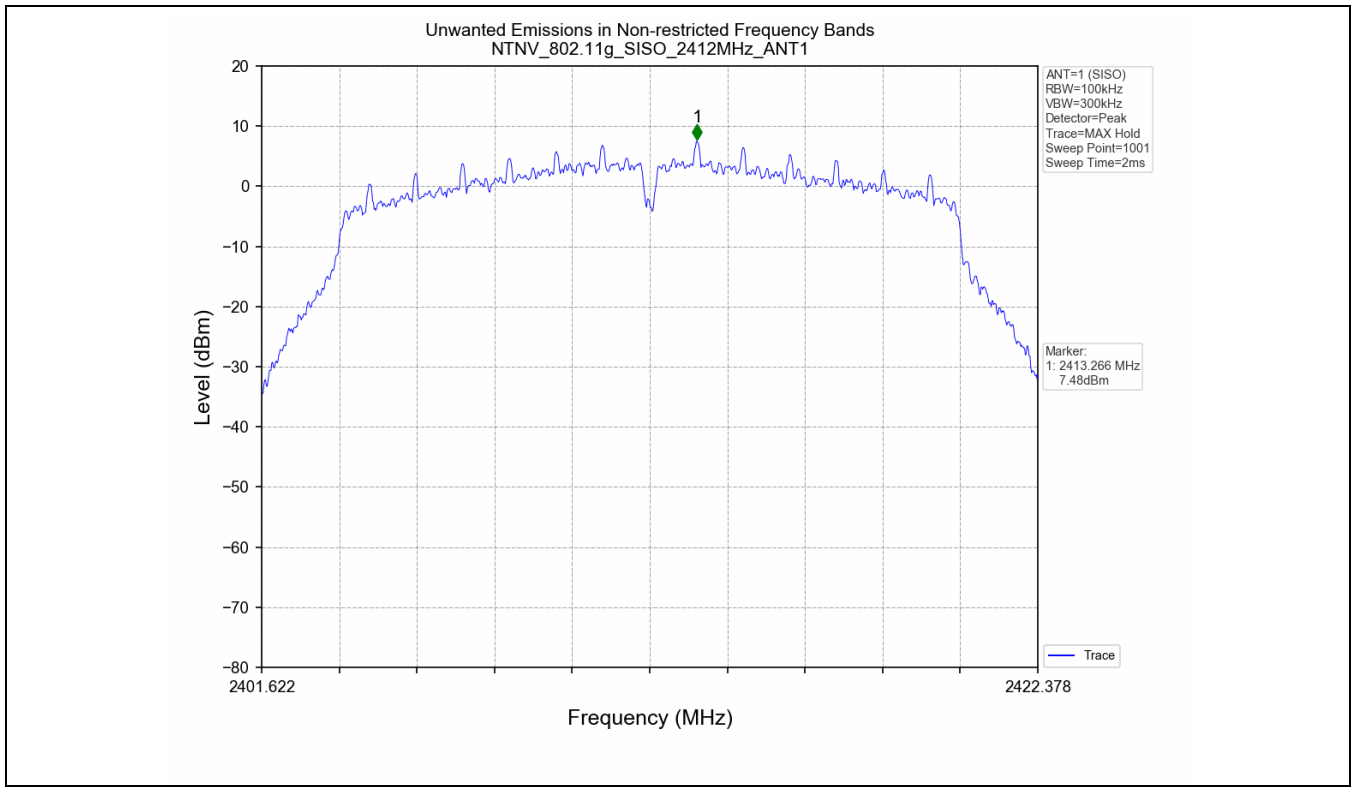


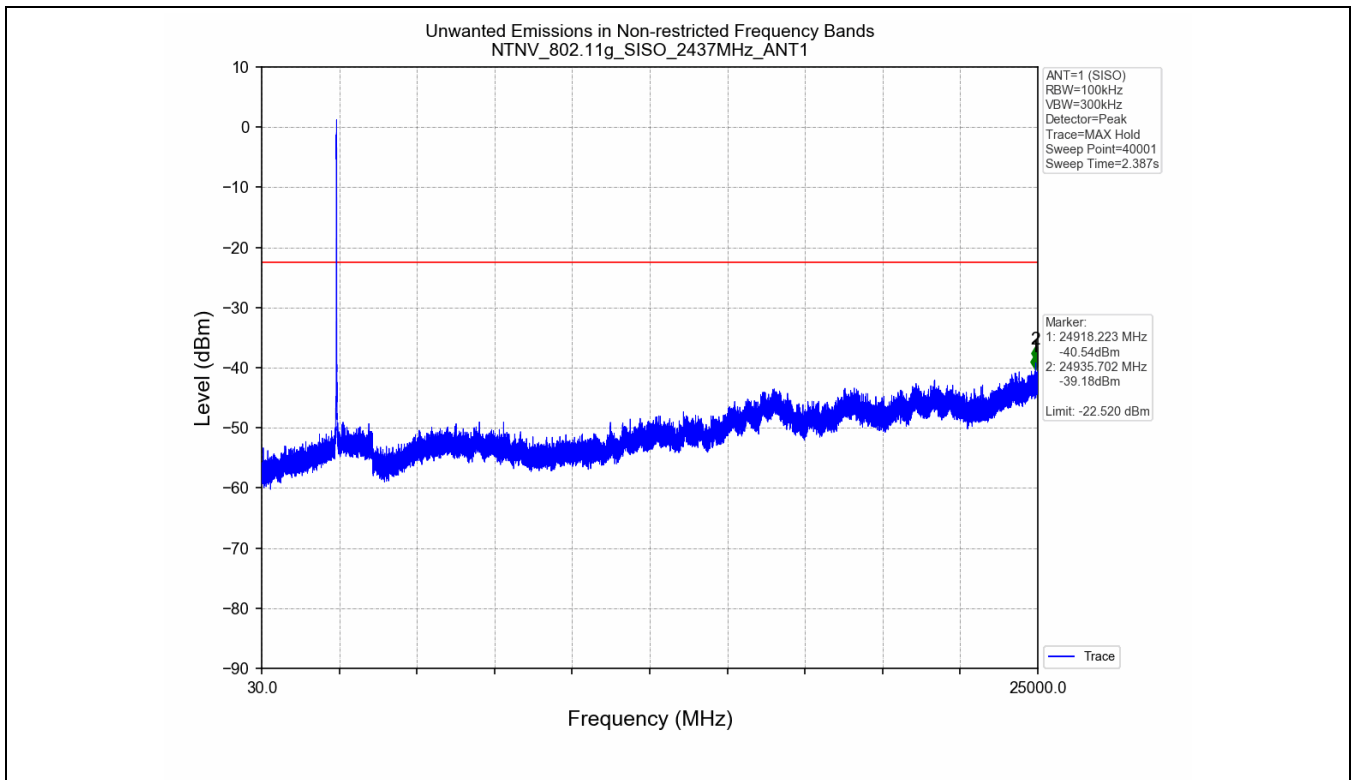
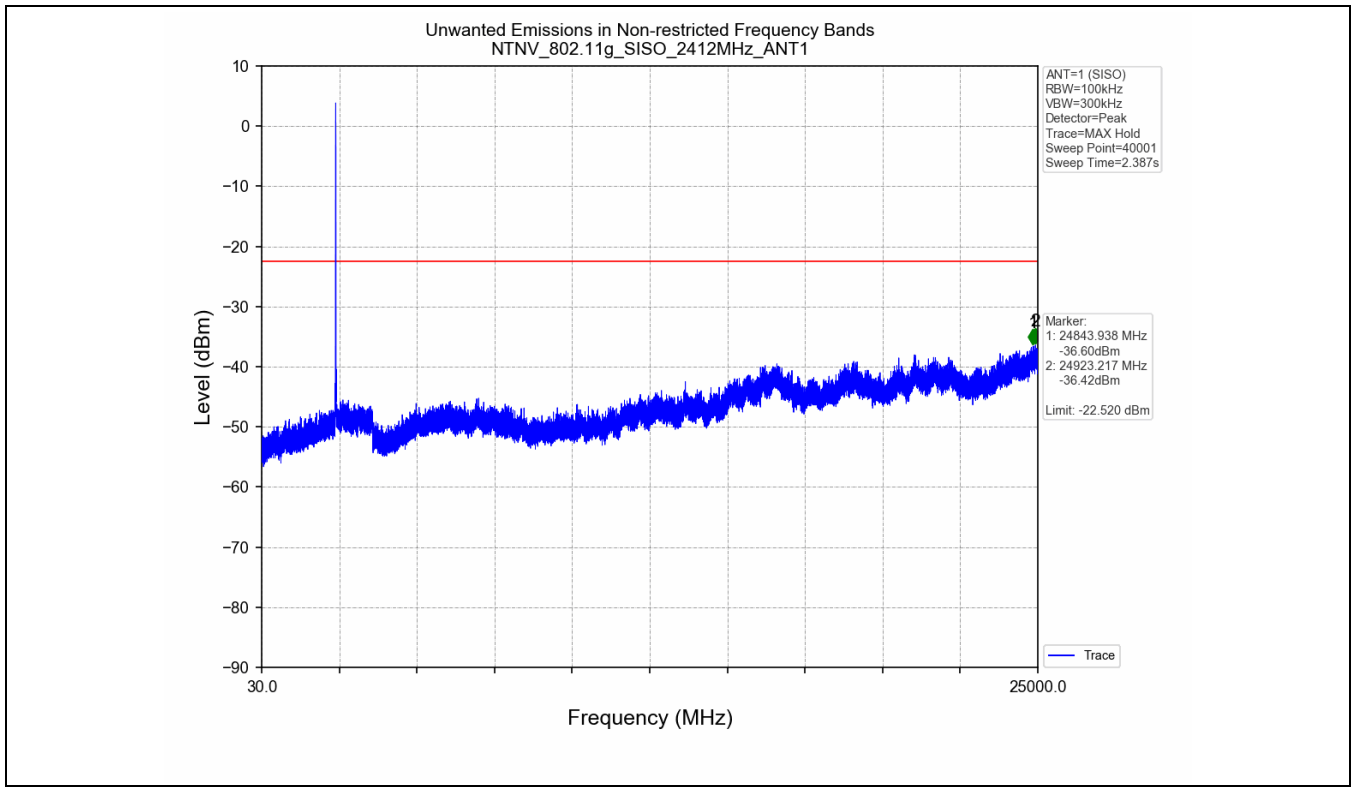
5.2 Test Graph

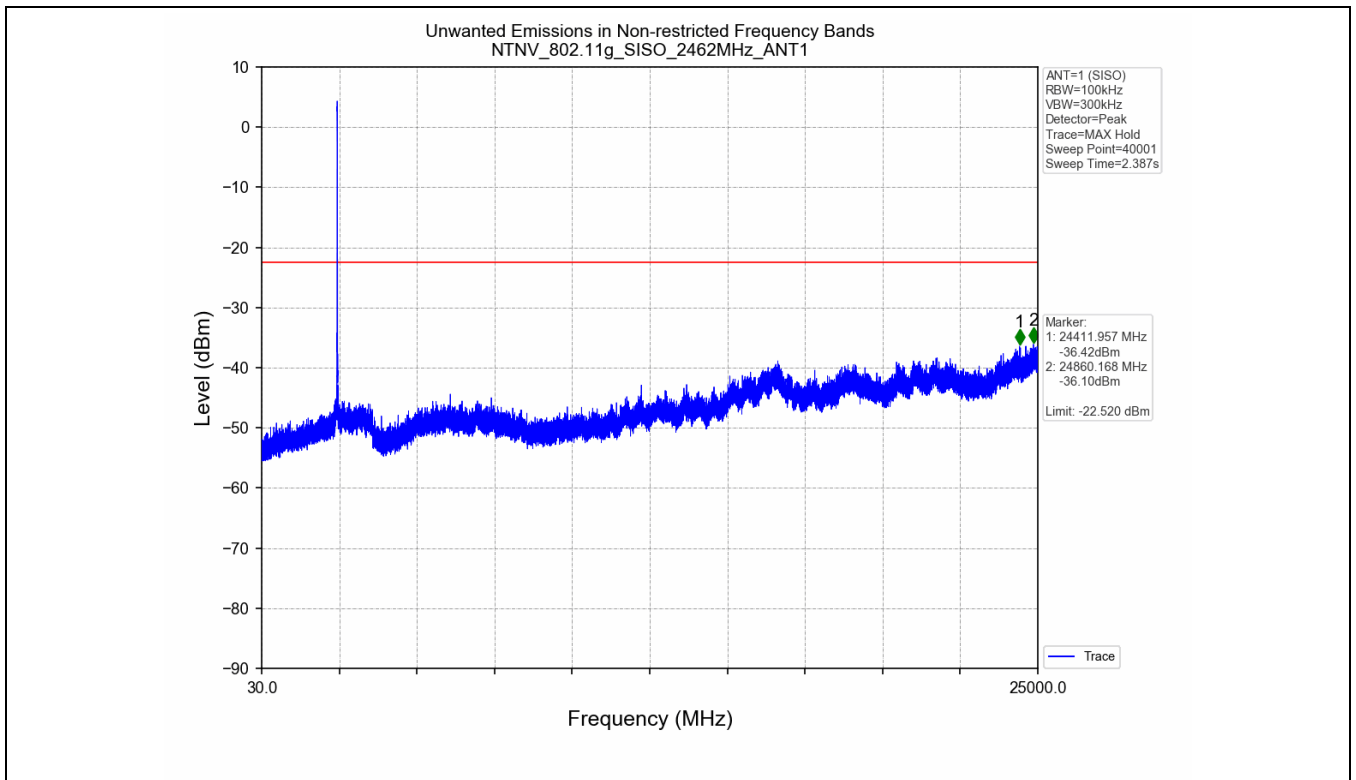
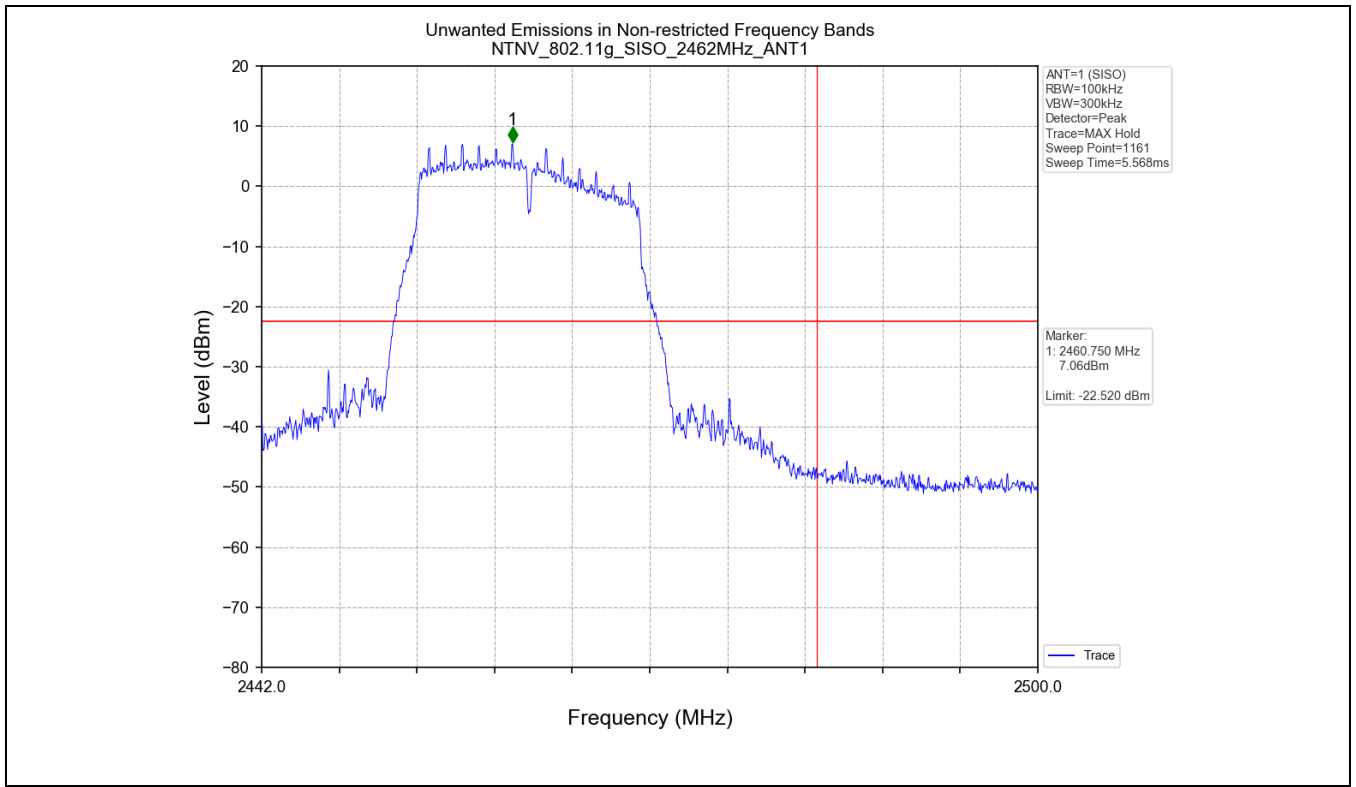


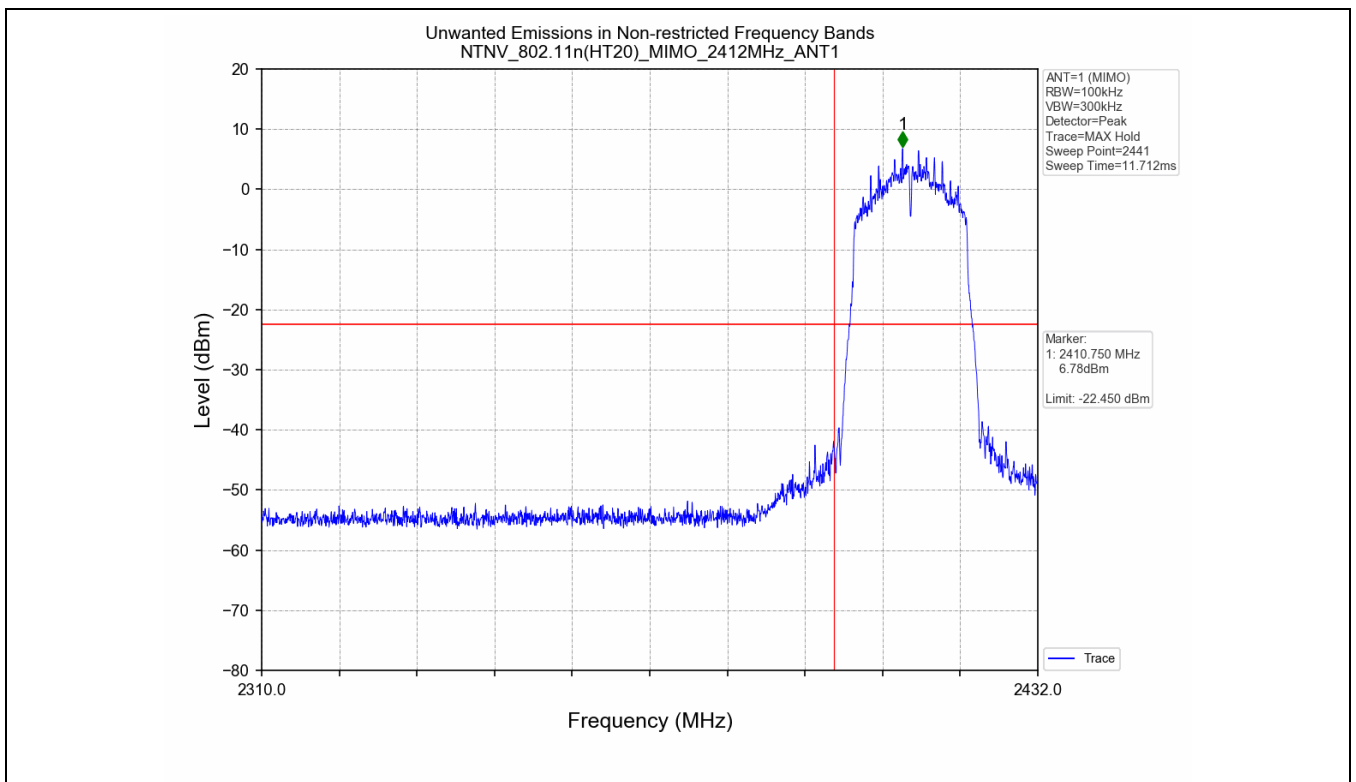
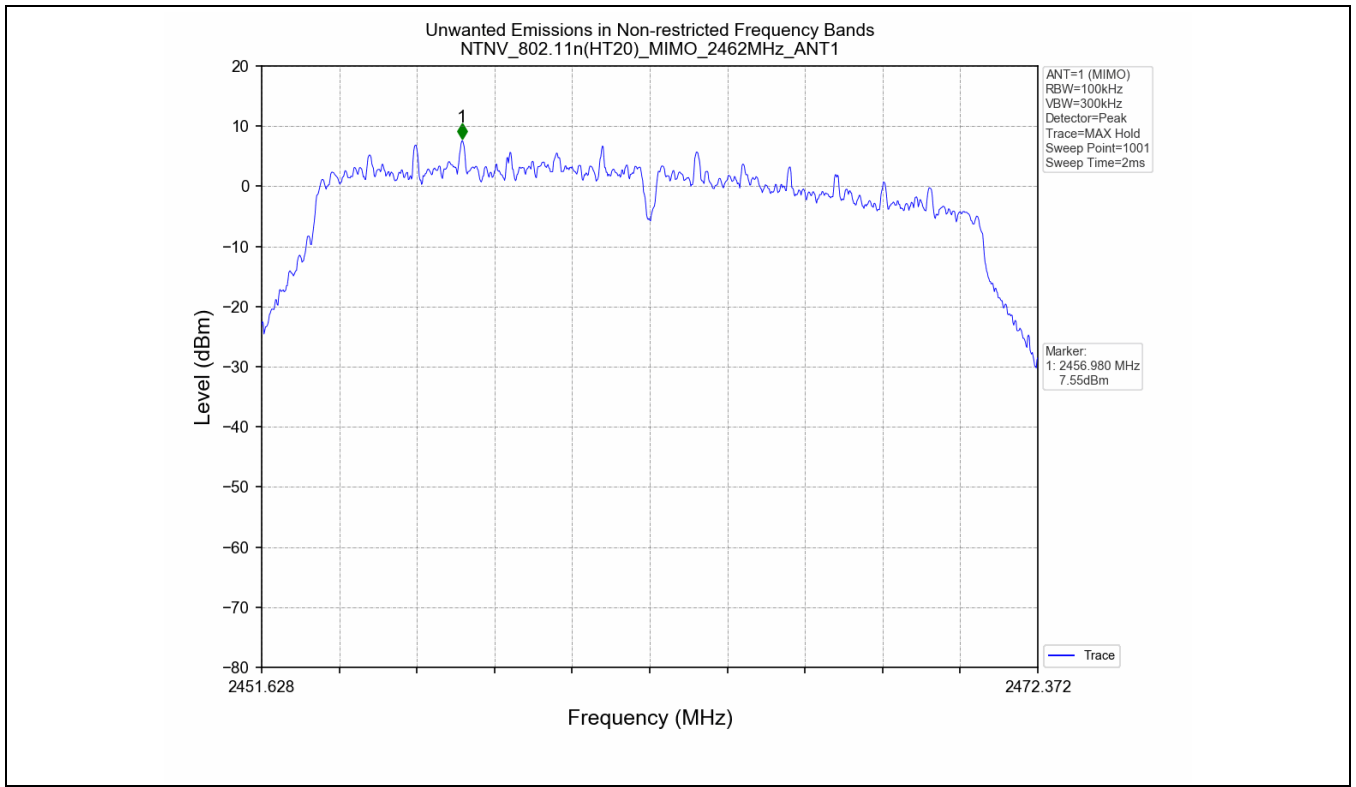


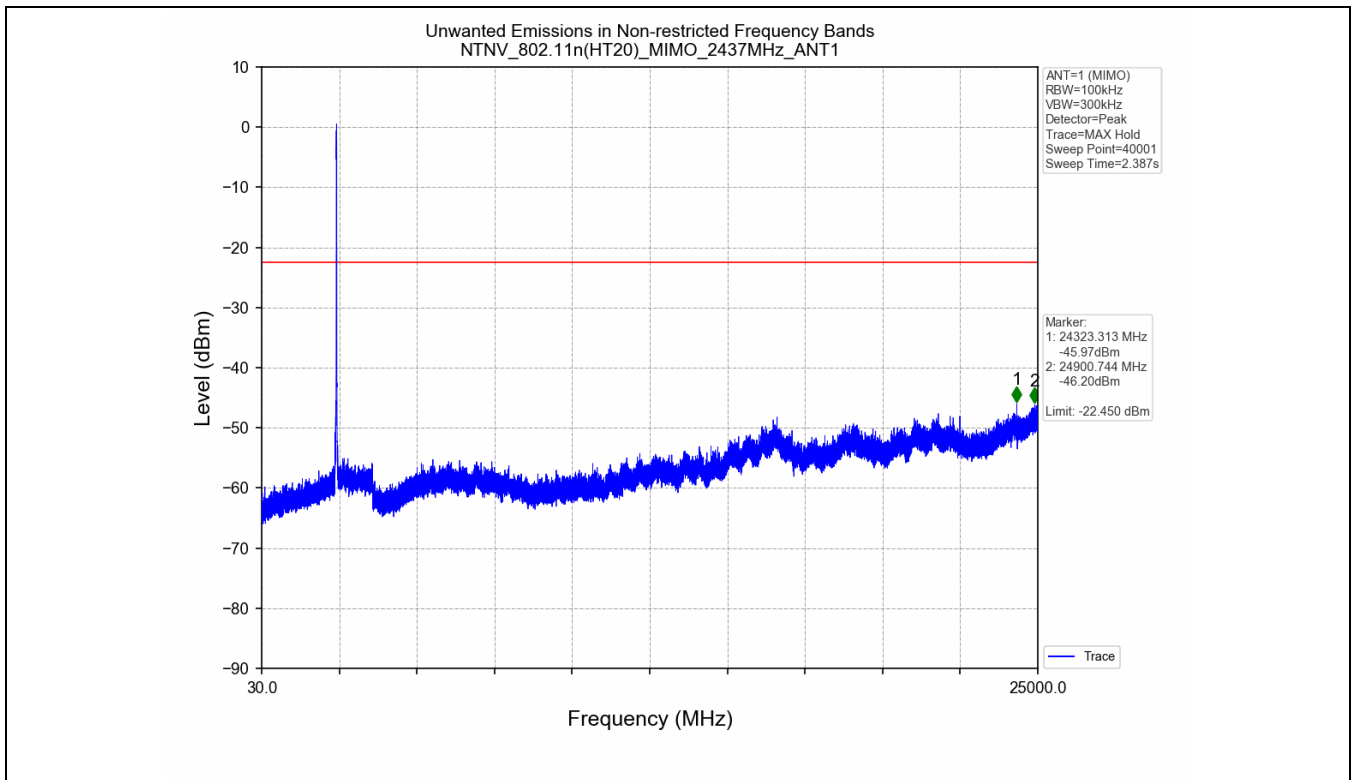
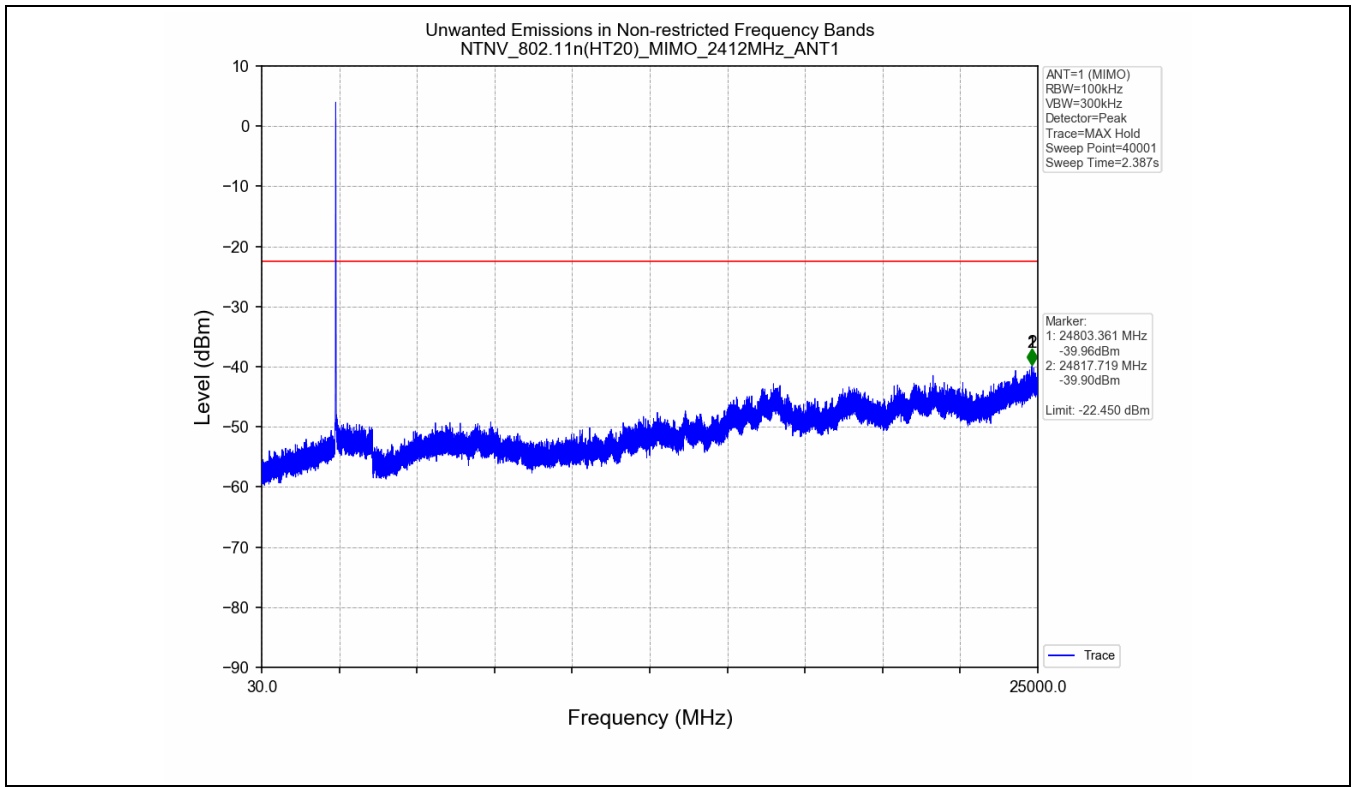


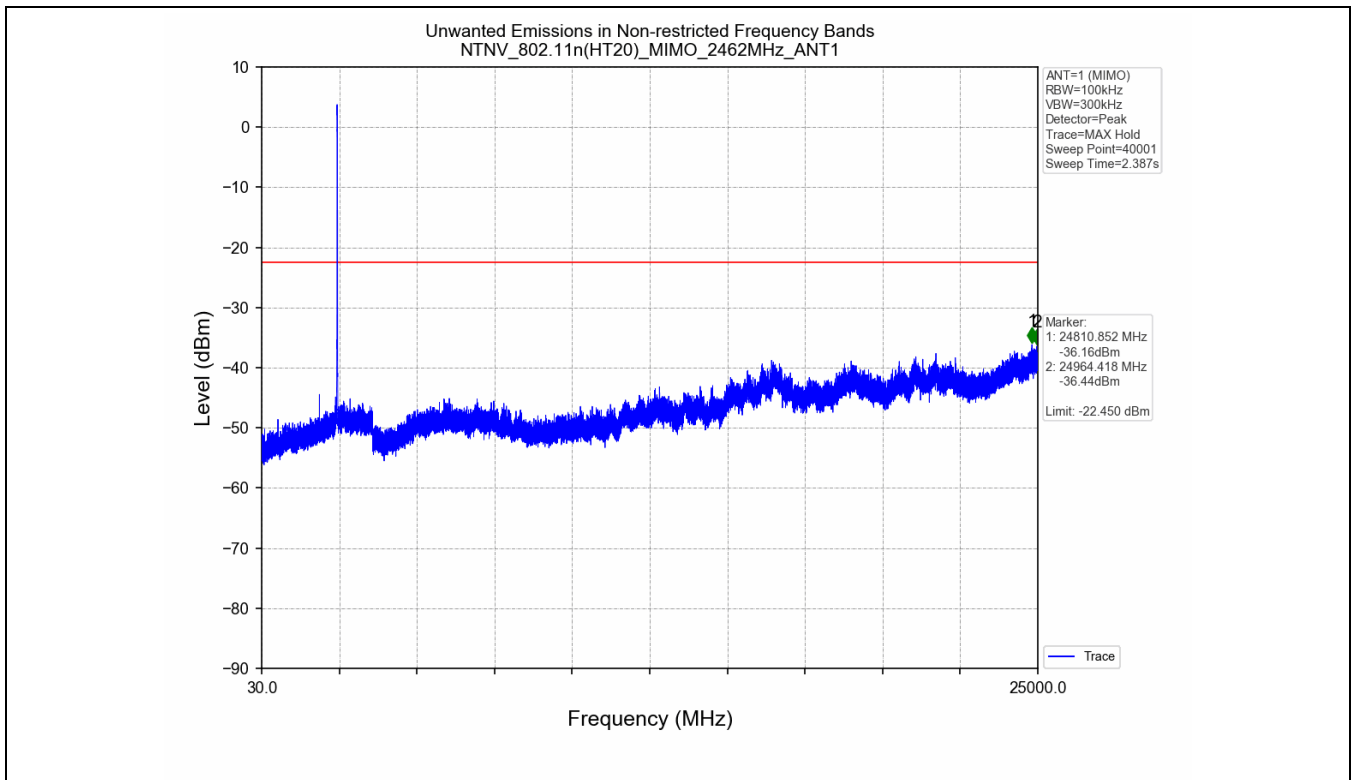
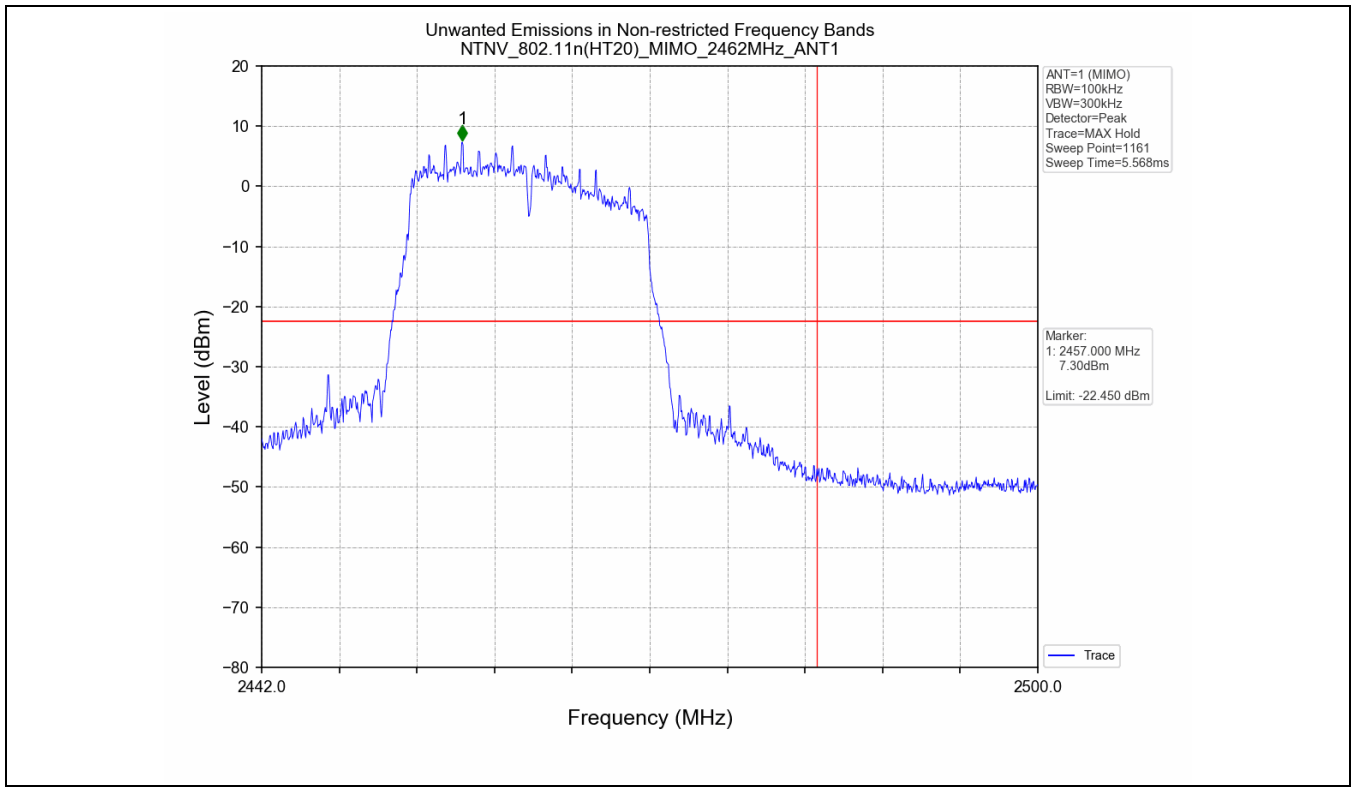


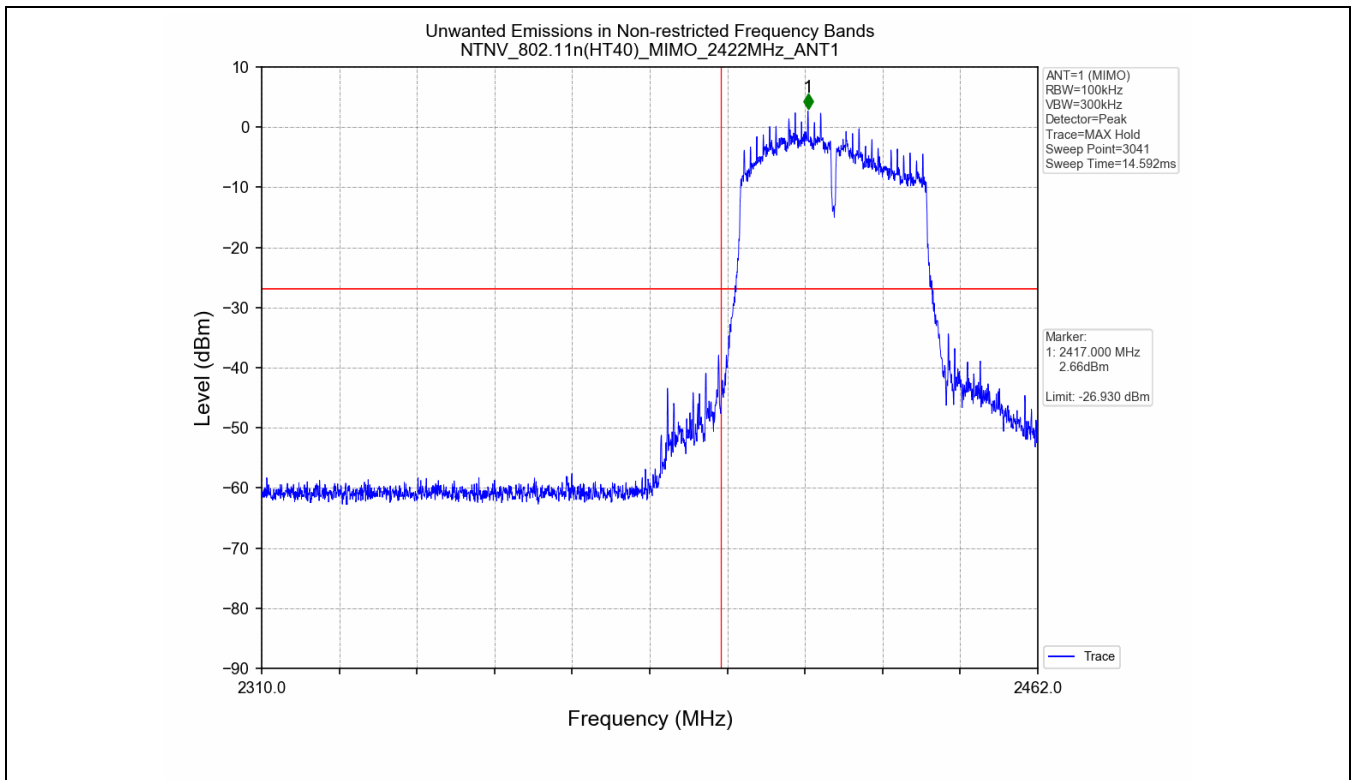
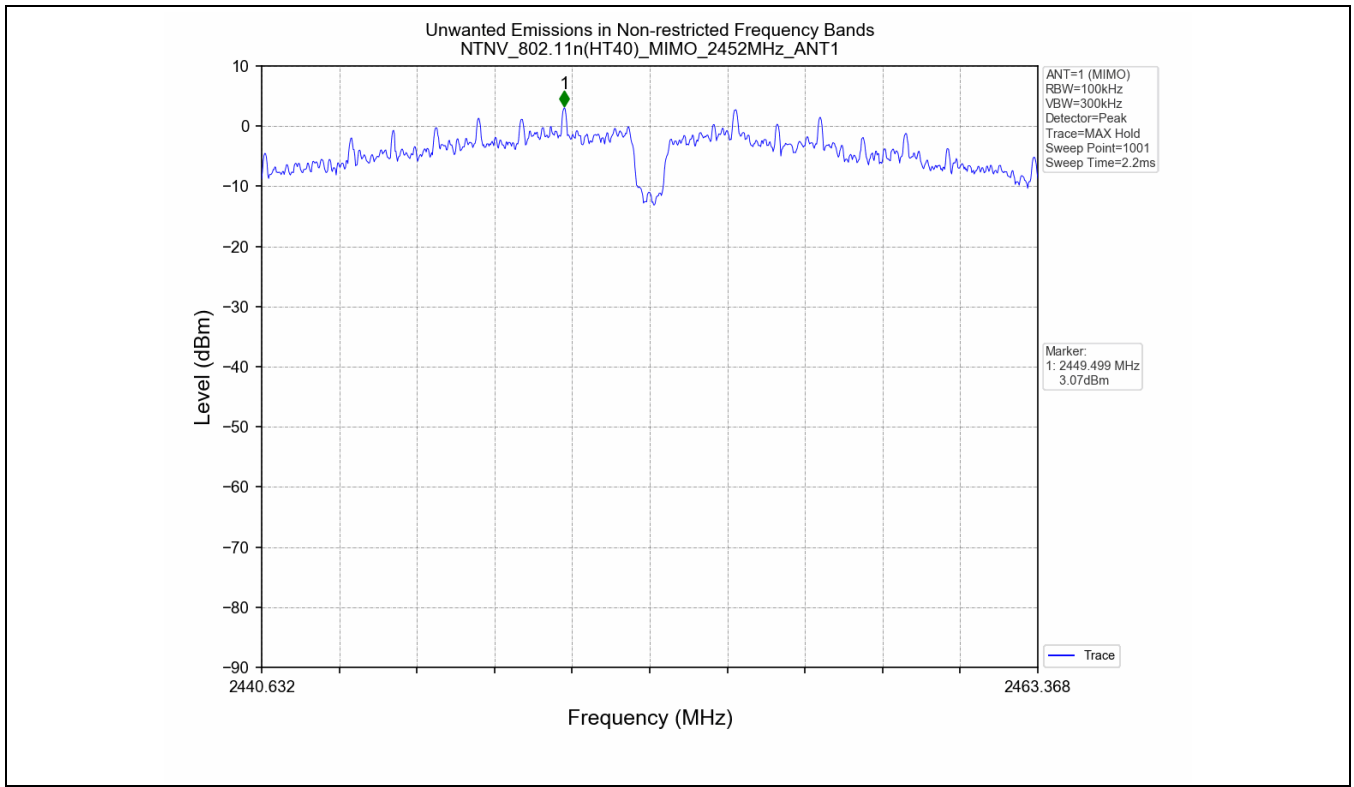


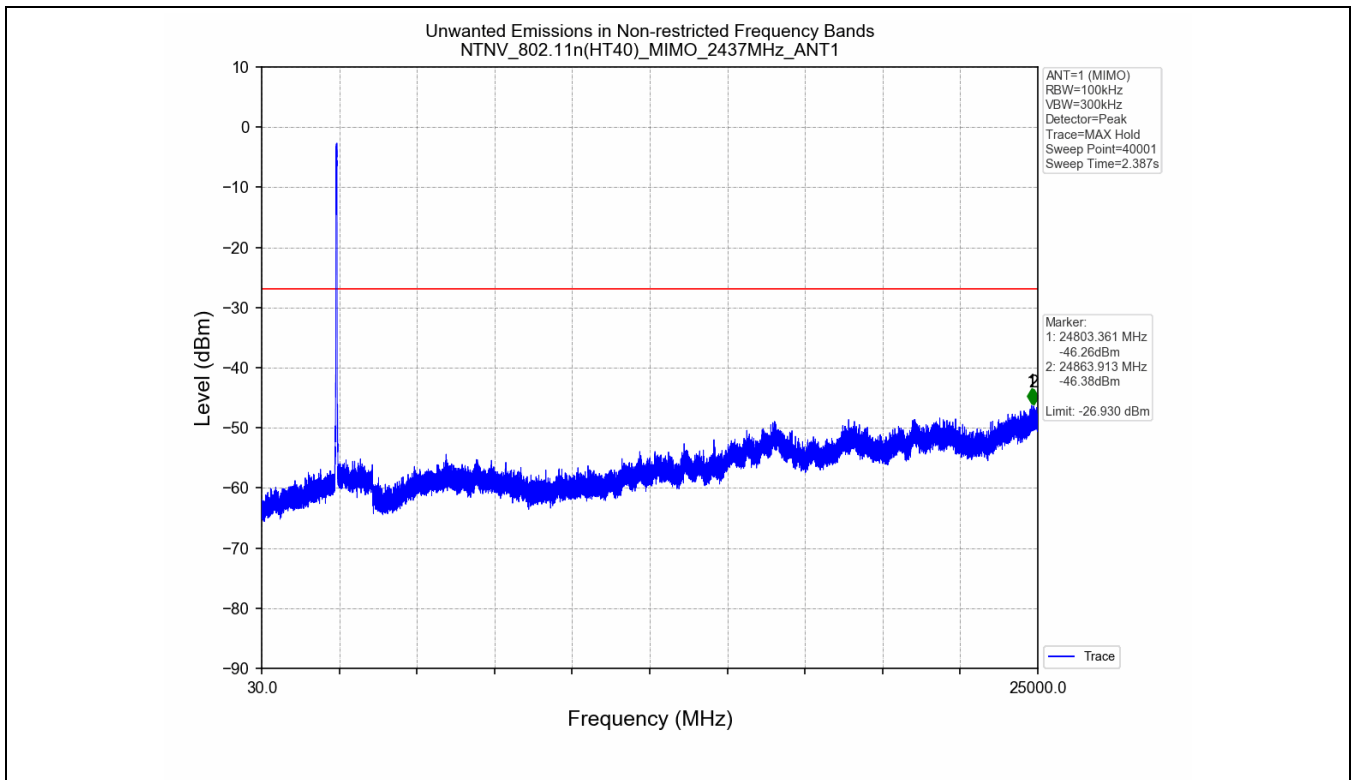
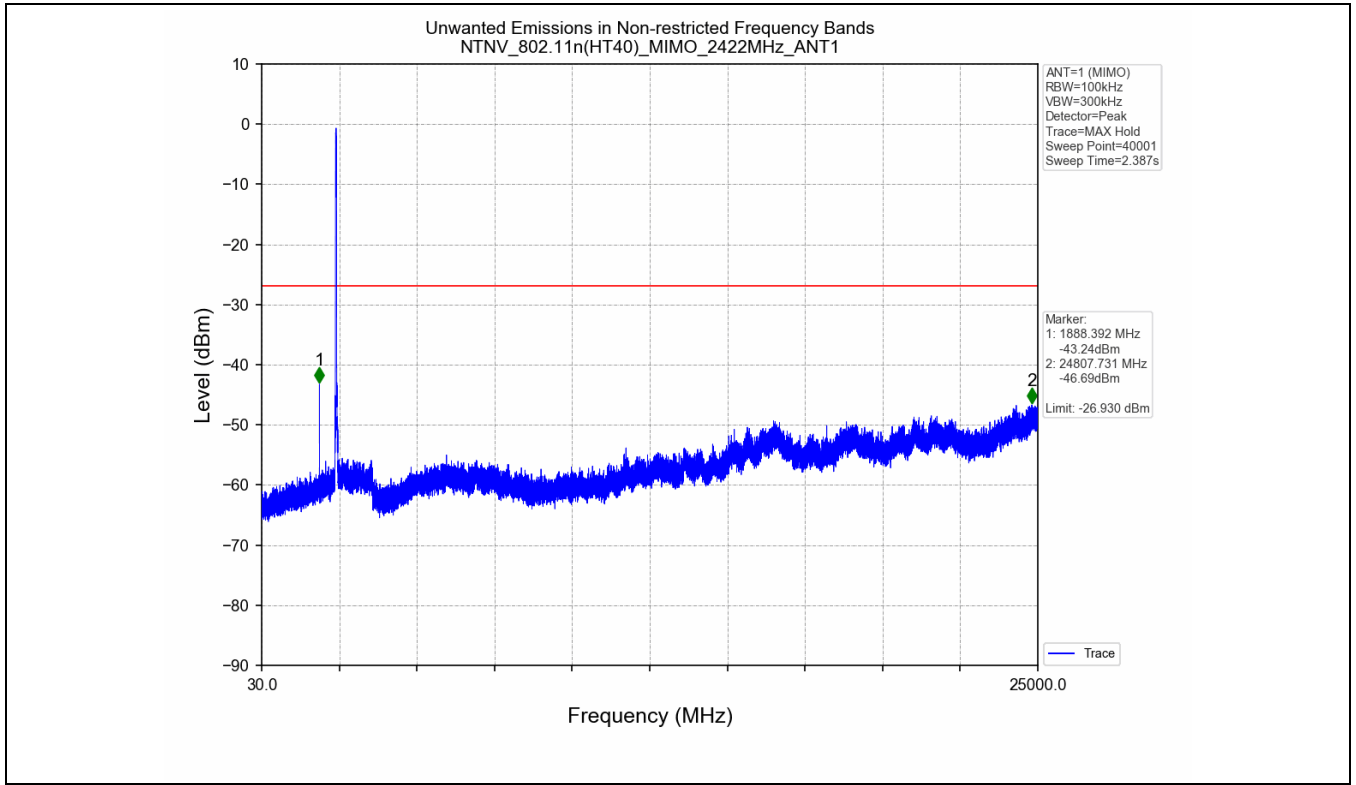


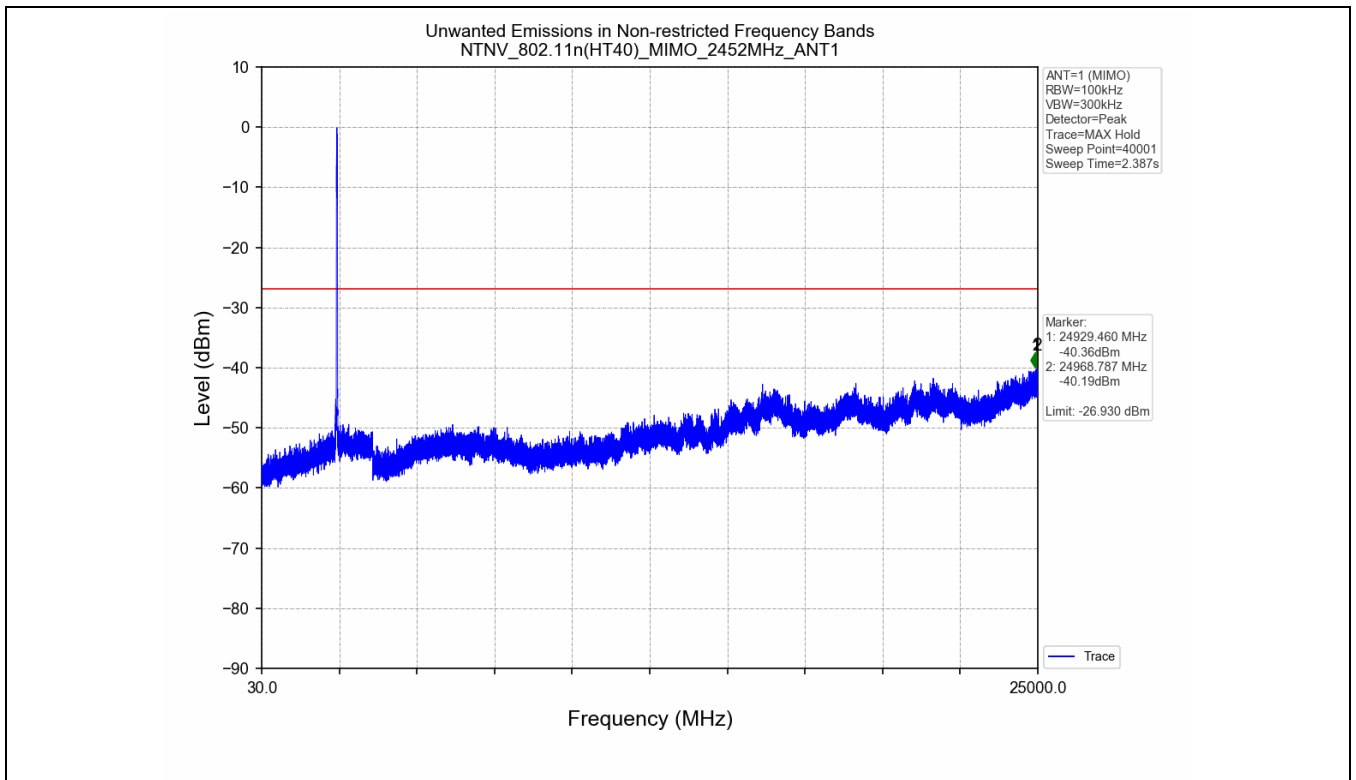
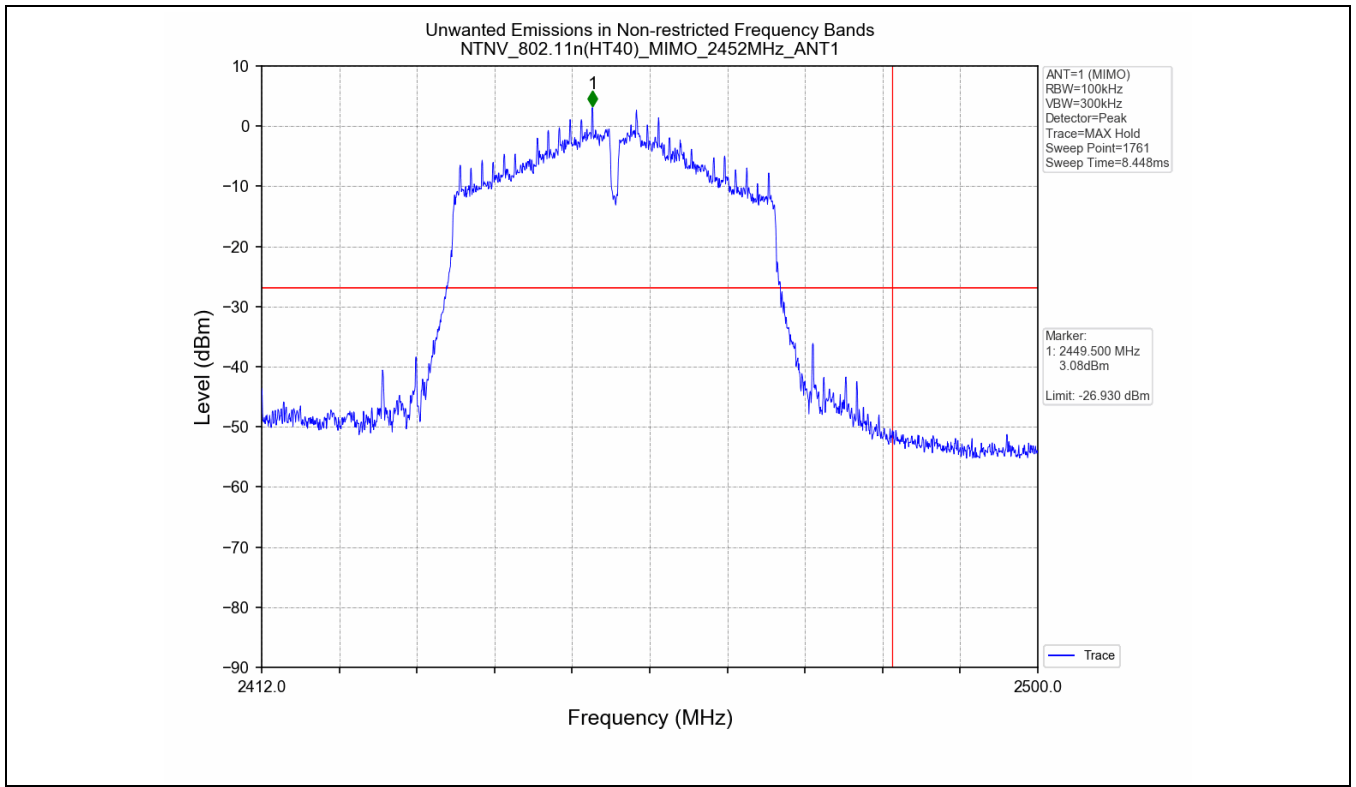














- End of the Report -

