

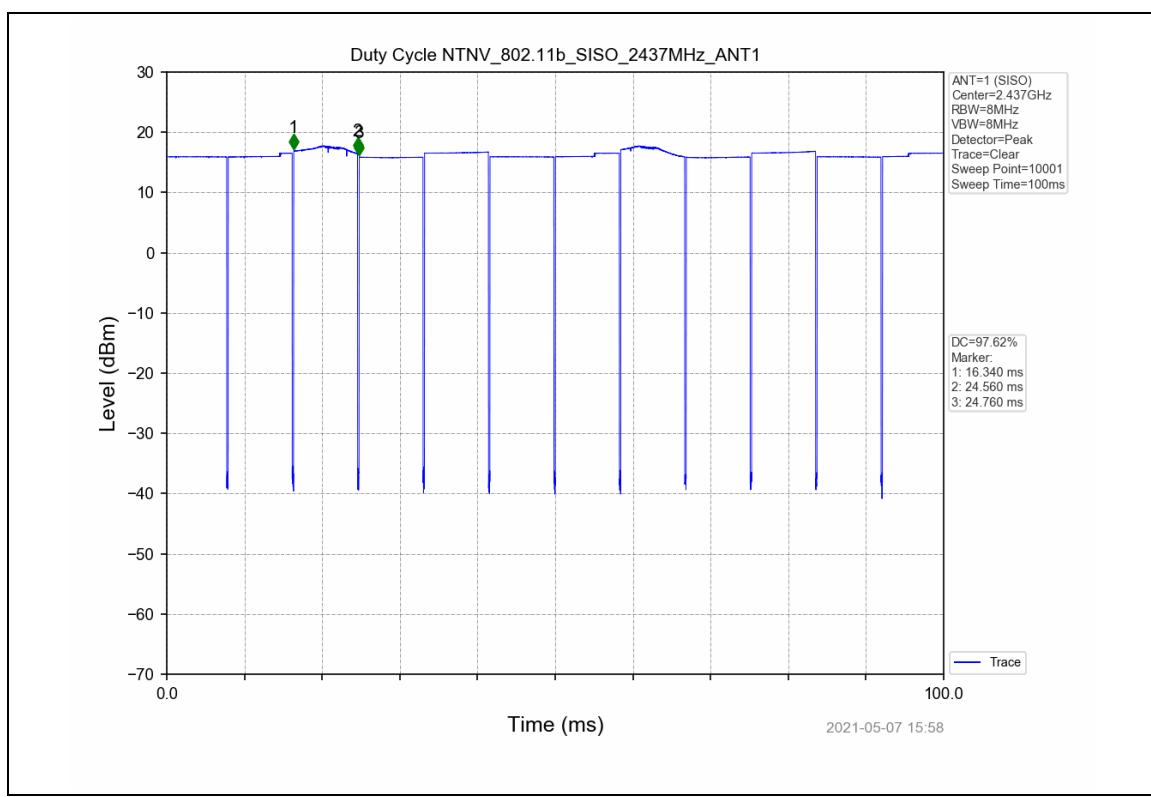
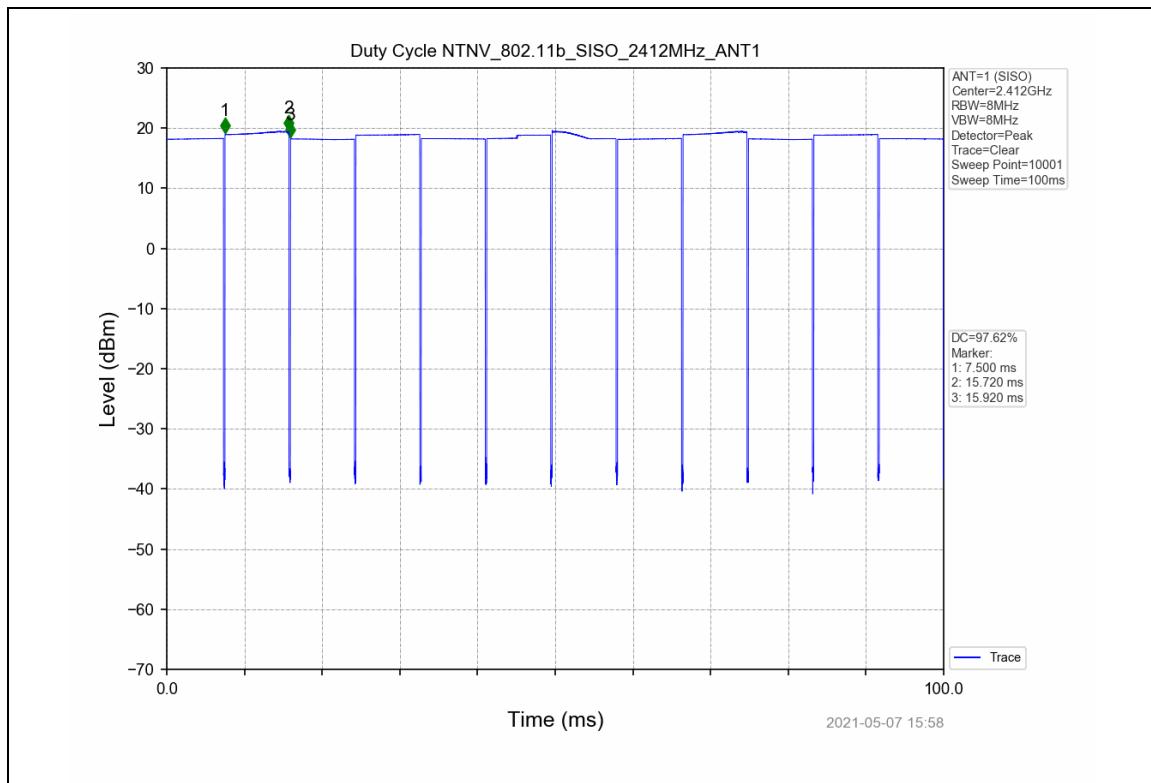
Appendix for 15.247

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)
802.11b	2412	SISO	1	8.220	8.420	97.62	0.10
	2437	SISO	1	8.220	8.420	97.62	0.10
	2462	SISO	1	8.220	8.420	97.62	0.10
802.11g	2412	SISO	1	1.363	1.561	87.32	0.59
	2437	SISO	1	1.363	1.561	87.32	0.59
	2462	SISO	1	1.363	1.561	87.32	0.59
802.11n(HT20)	2412	SISO	1	1.248	1.444	86.43	0.63
	2437	SISO	1	1.248	1.442	86.55	0.63
	2462	SISO	1	1.249	1.444	86.50	0.63
802.11n(HT40)	2422	SISO	1	0.636	0.836	76.08	1.19
	2437	SISO	1	0.635	0.835	76.05	1.19
	2452	SISO	1	0.635	0.835	76.05	1.19

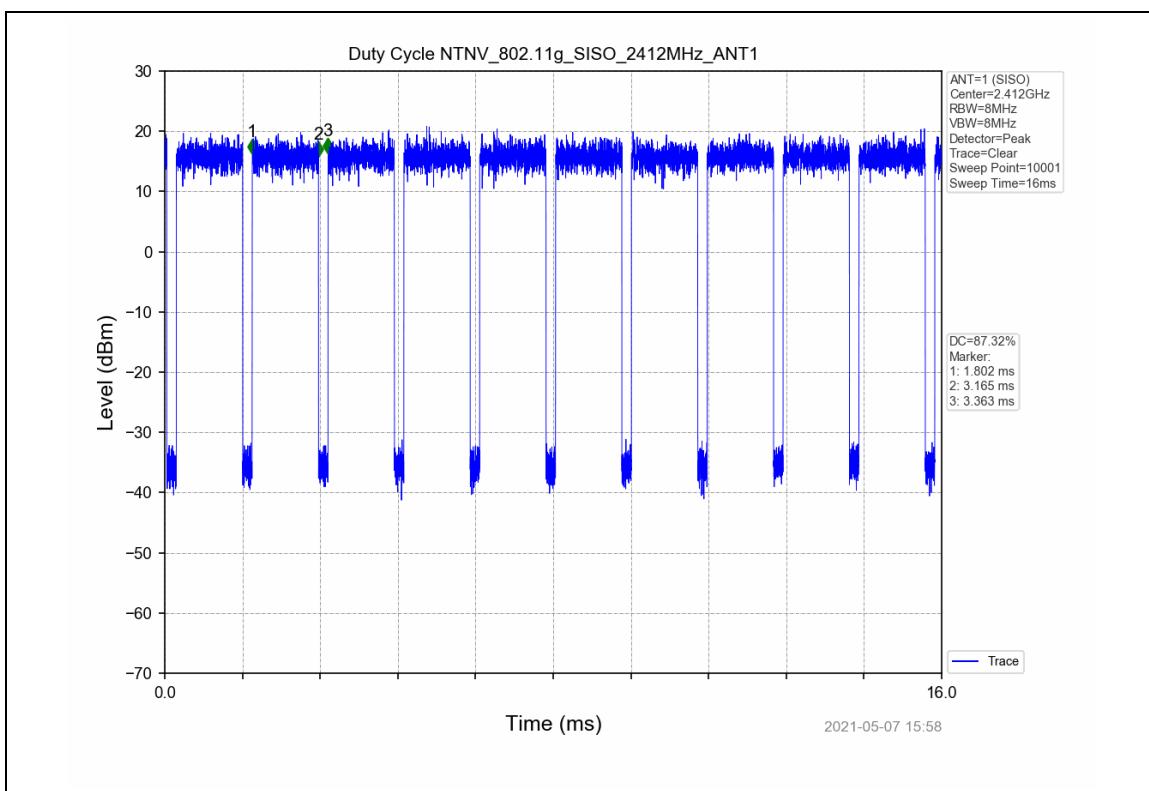
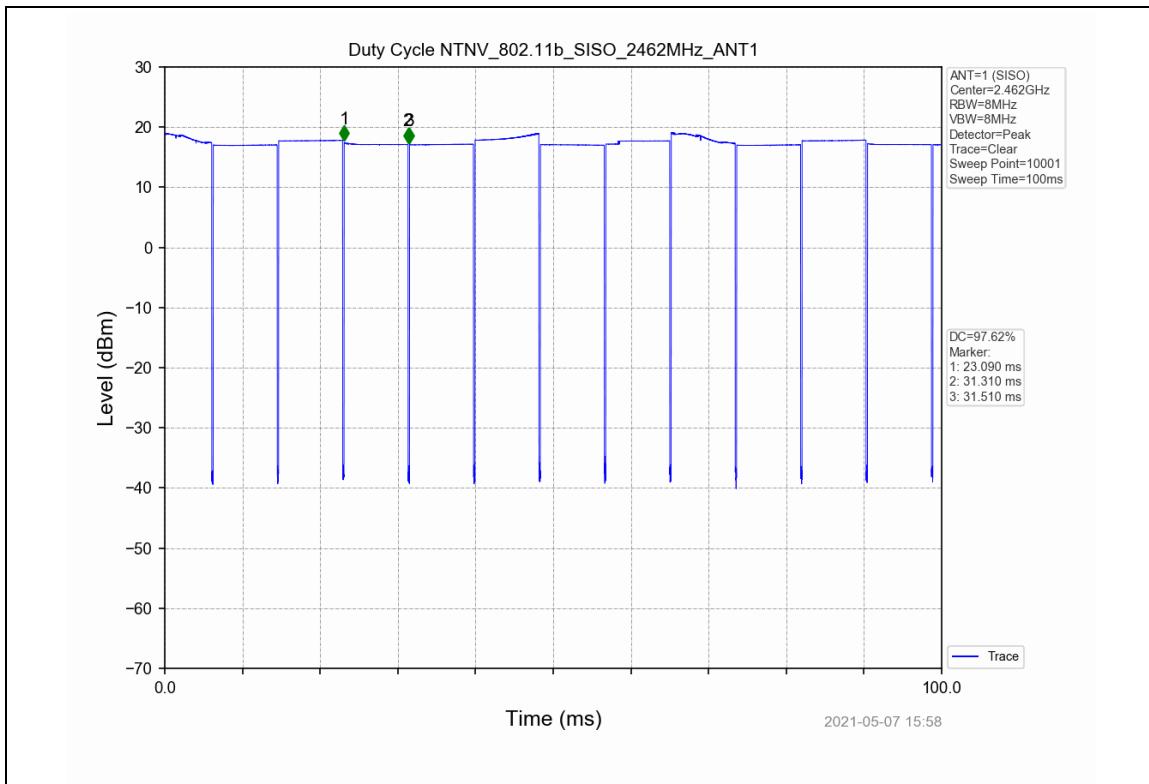
1.2 Test Graph



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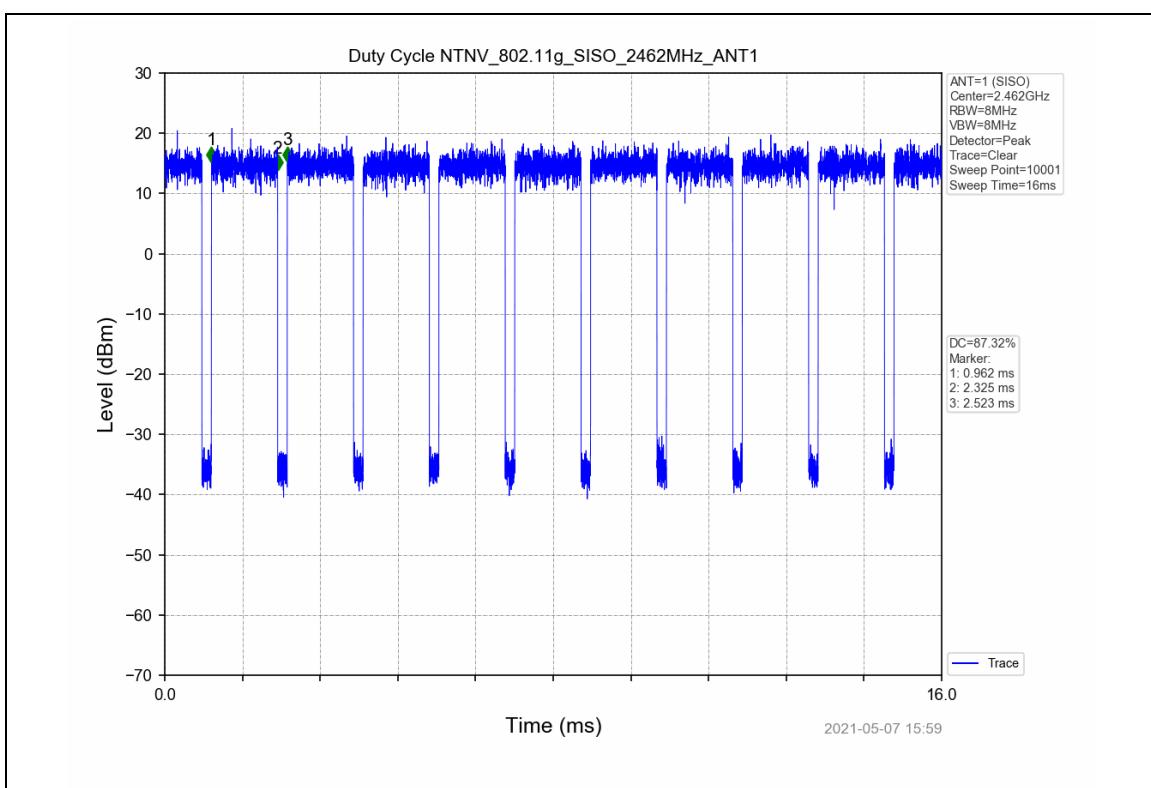
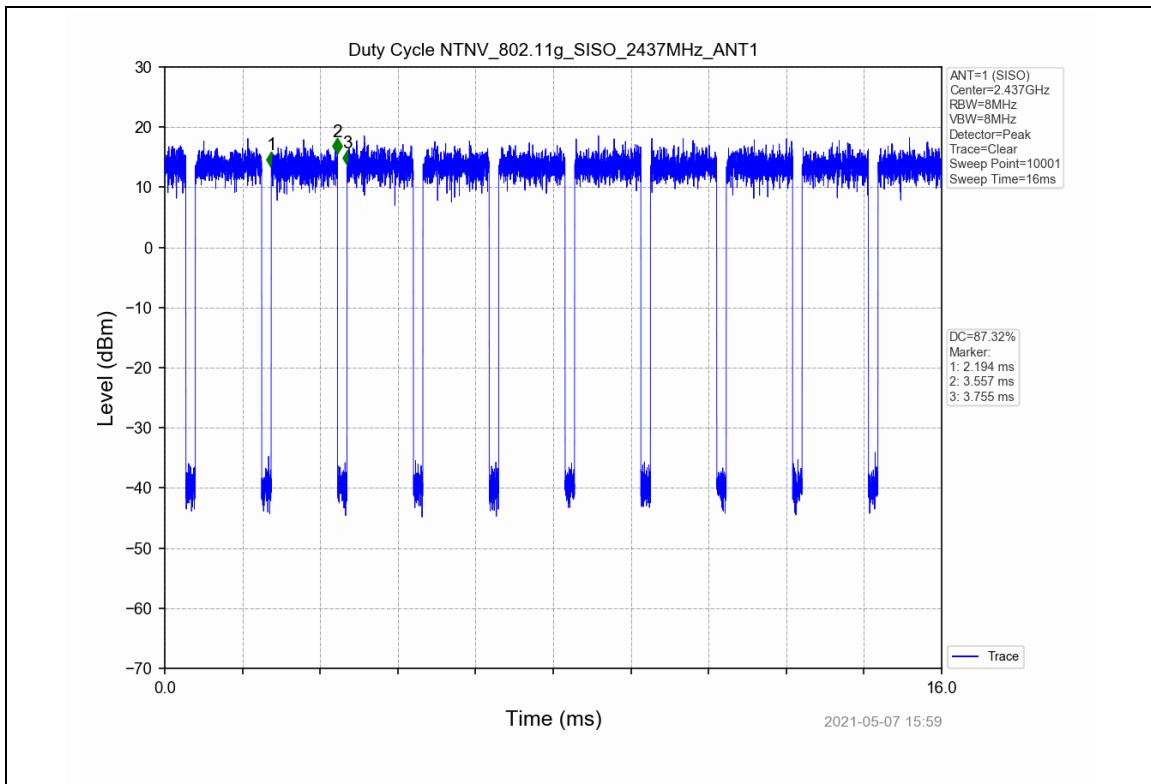


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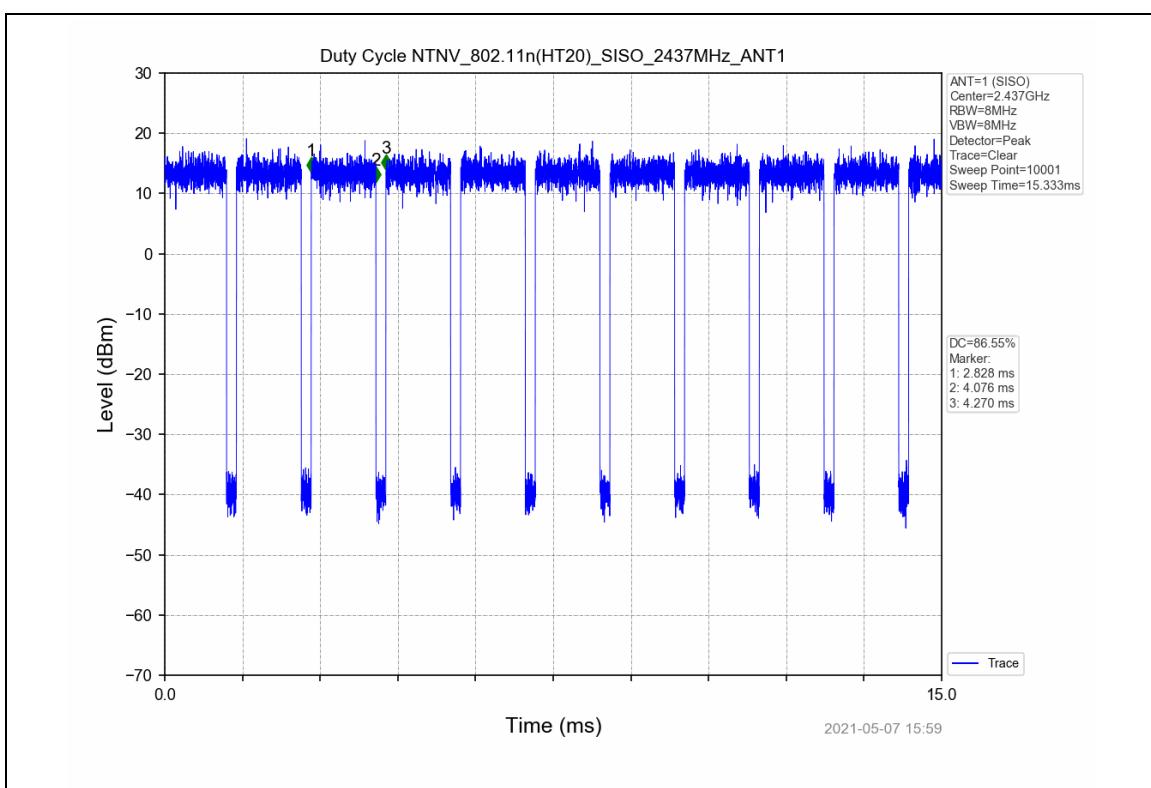
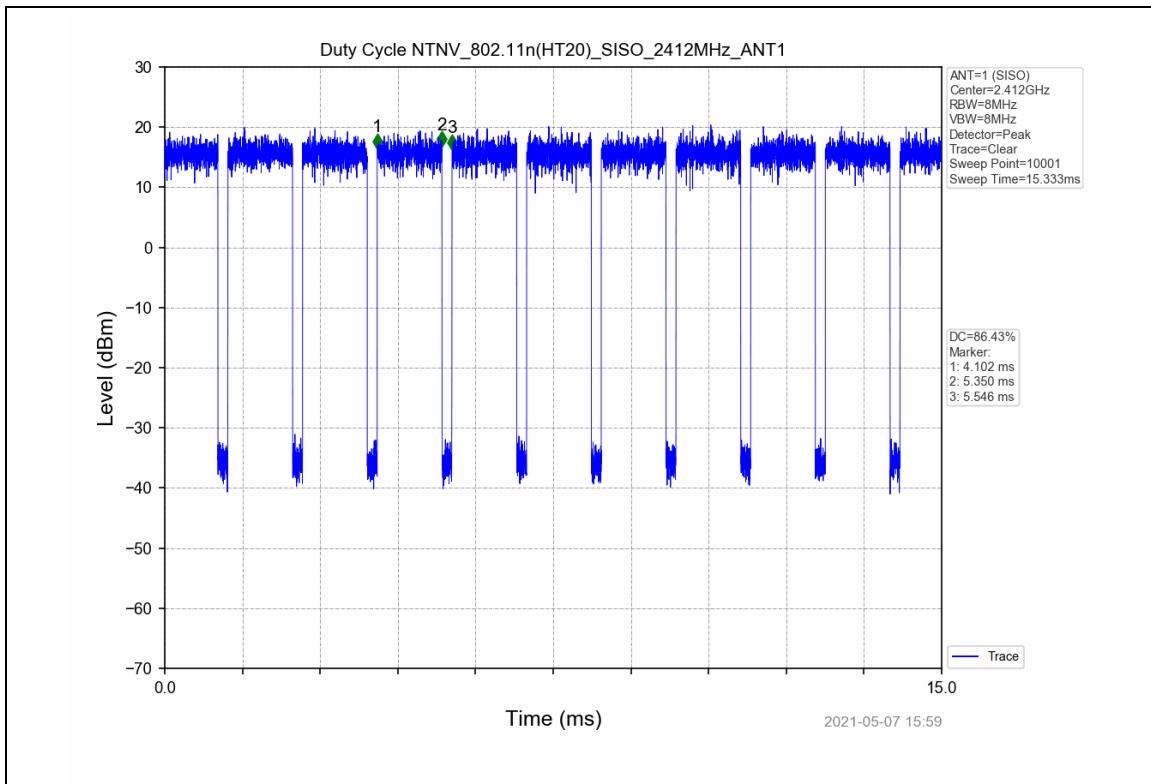


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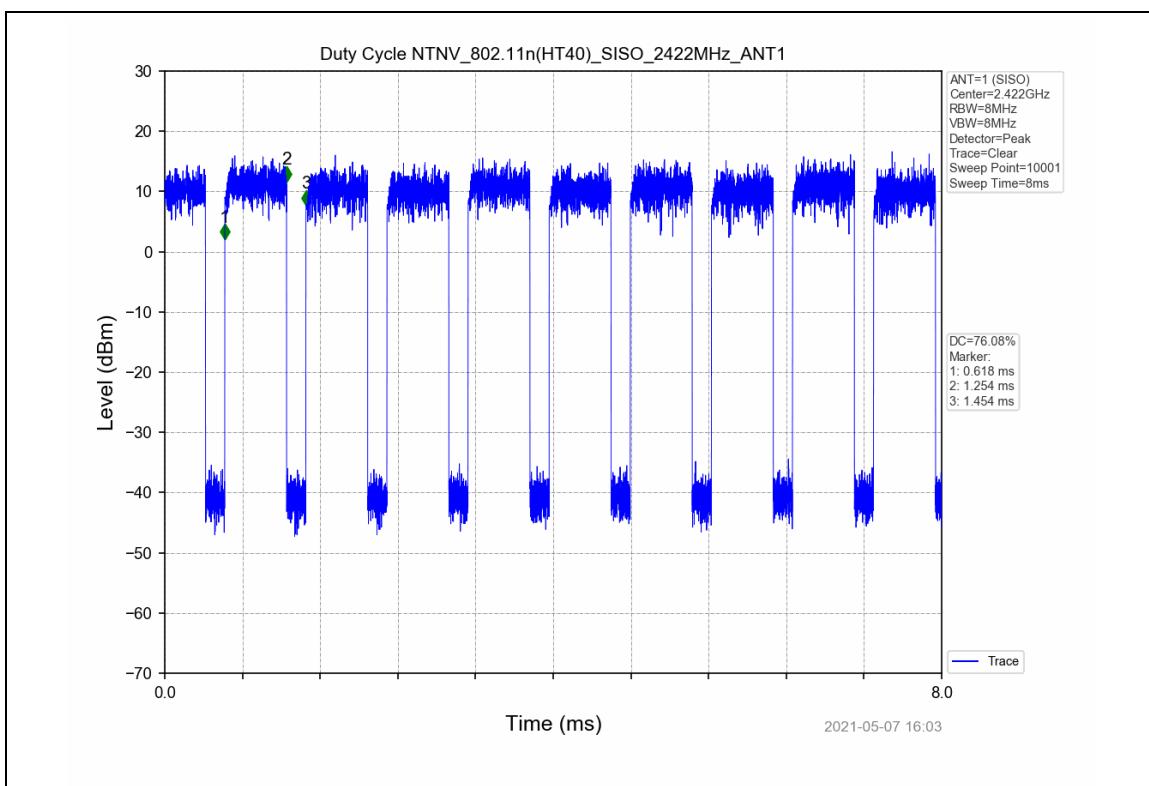
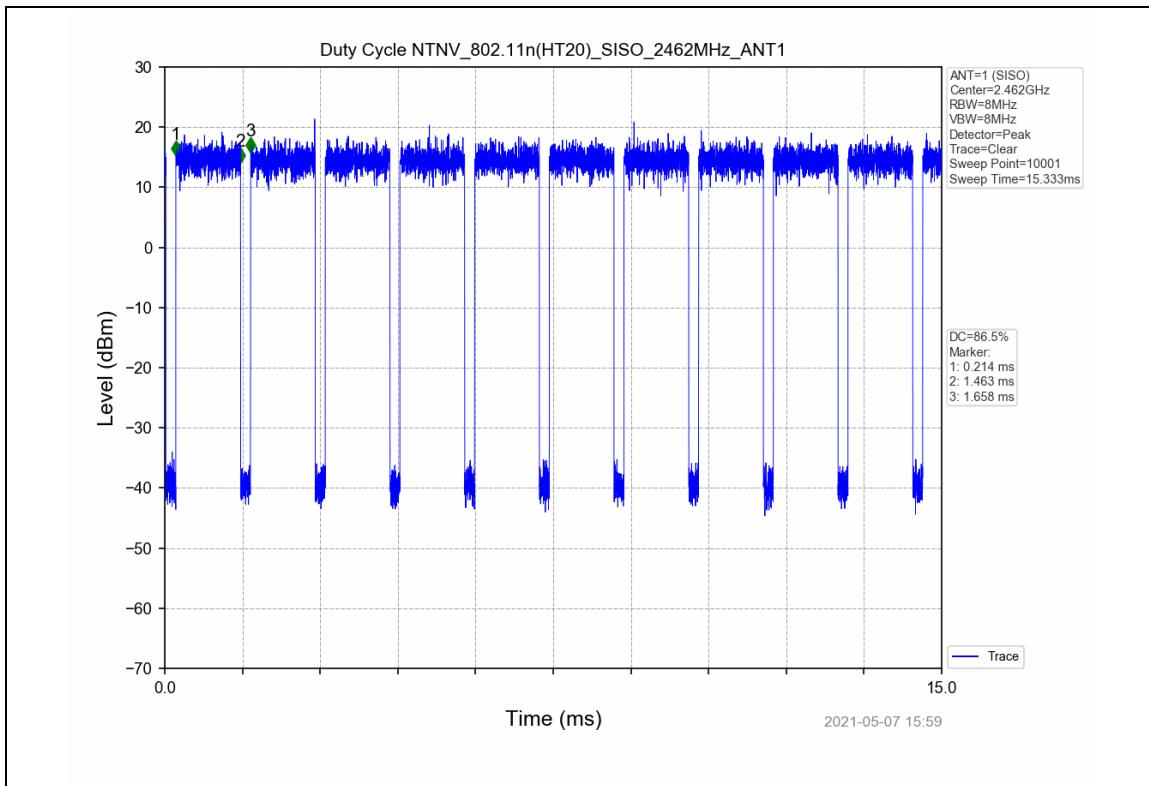


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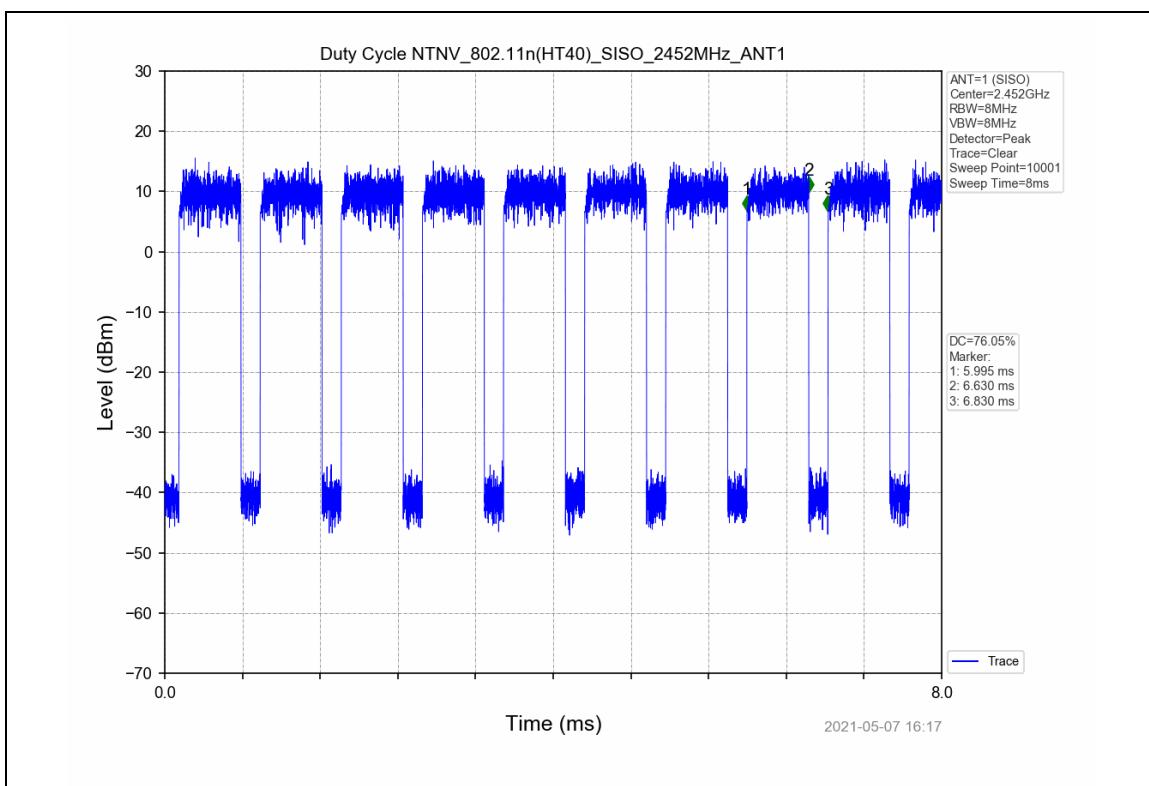
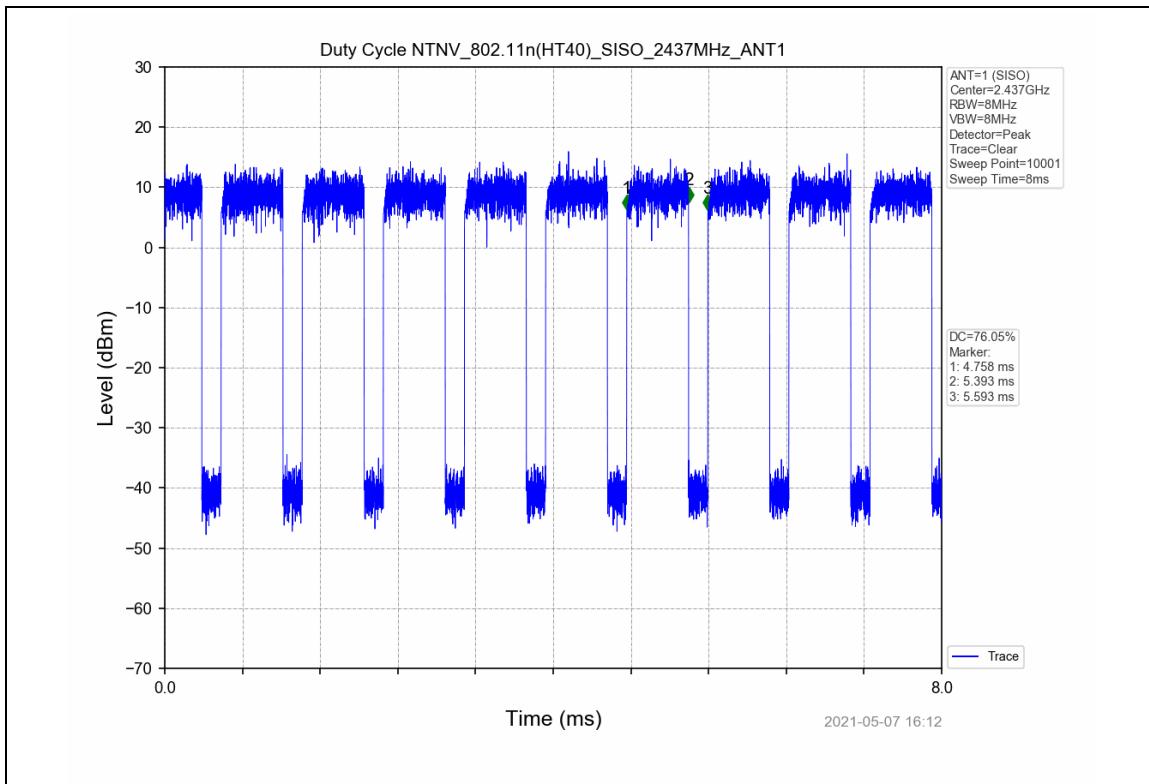
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2. 6dB Bandwidth

2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)		



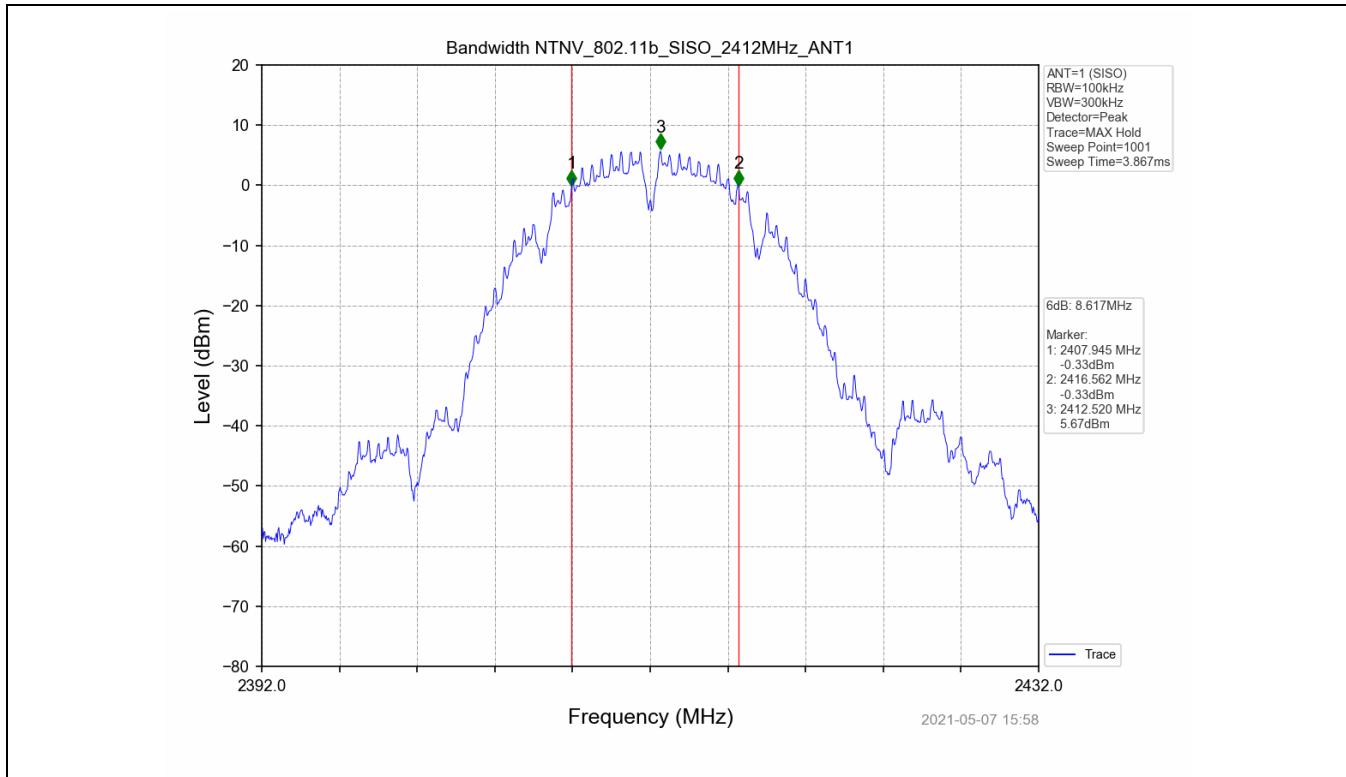
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802.11b	2412	SISO	1	8.617	PASS
	2437	SISO	1	8.593	PASS
	2462	SISO	1	8.113	PASS
802.11g	2412	SISO	1	16.401	PASS
	2437	SISO	1	16.437	PASS
	2462	SISO	1	16.415	PASS
802.11n(HT20)	2412	SISO	1	17.593	PASS
	2437	SISO	1	17.672	PASS
	2462	SISO	1	17.608	PASS
802.11n(HT40)	2422	SISO	1	35.212	PASS
	2437	SISO	1	35.411	PASS
	2452	SISO	1	35.228	PASS

2.2 Test Graph - 6dB Bandwidth



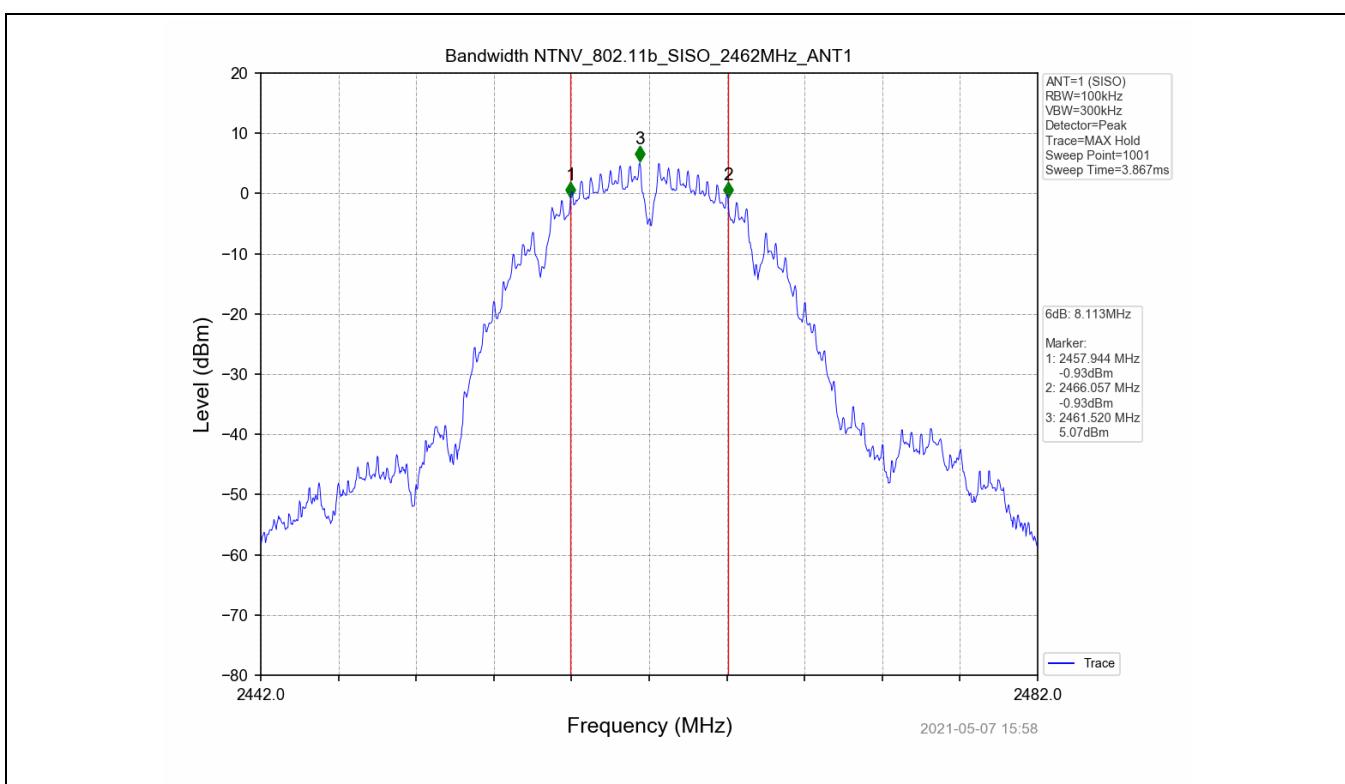
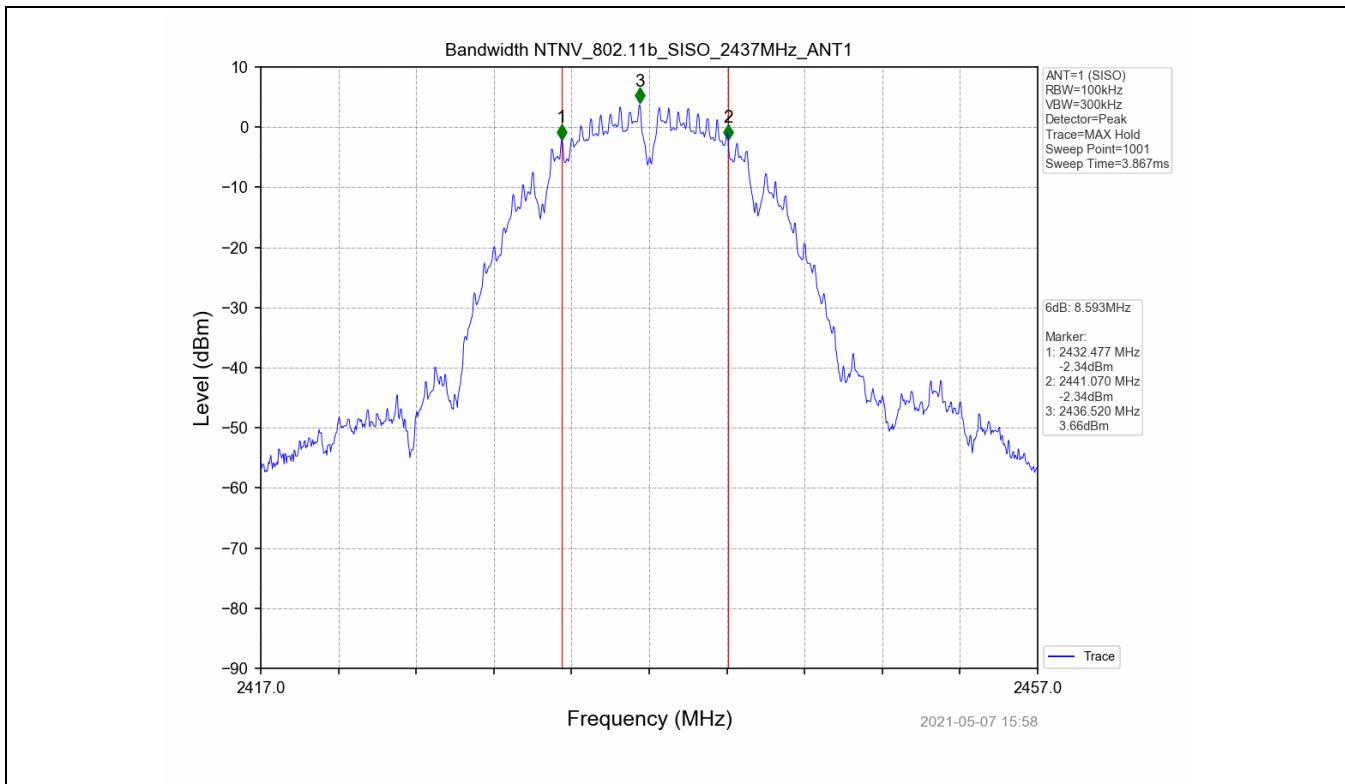
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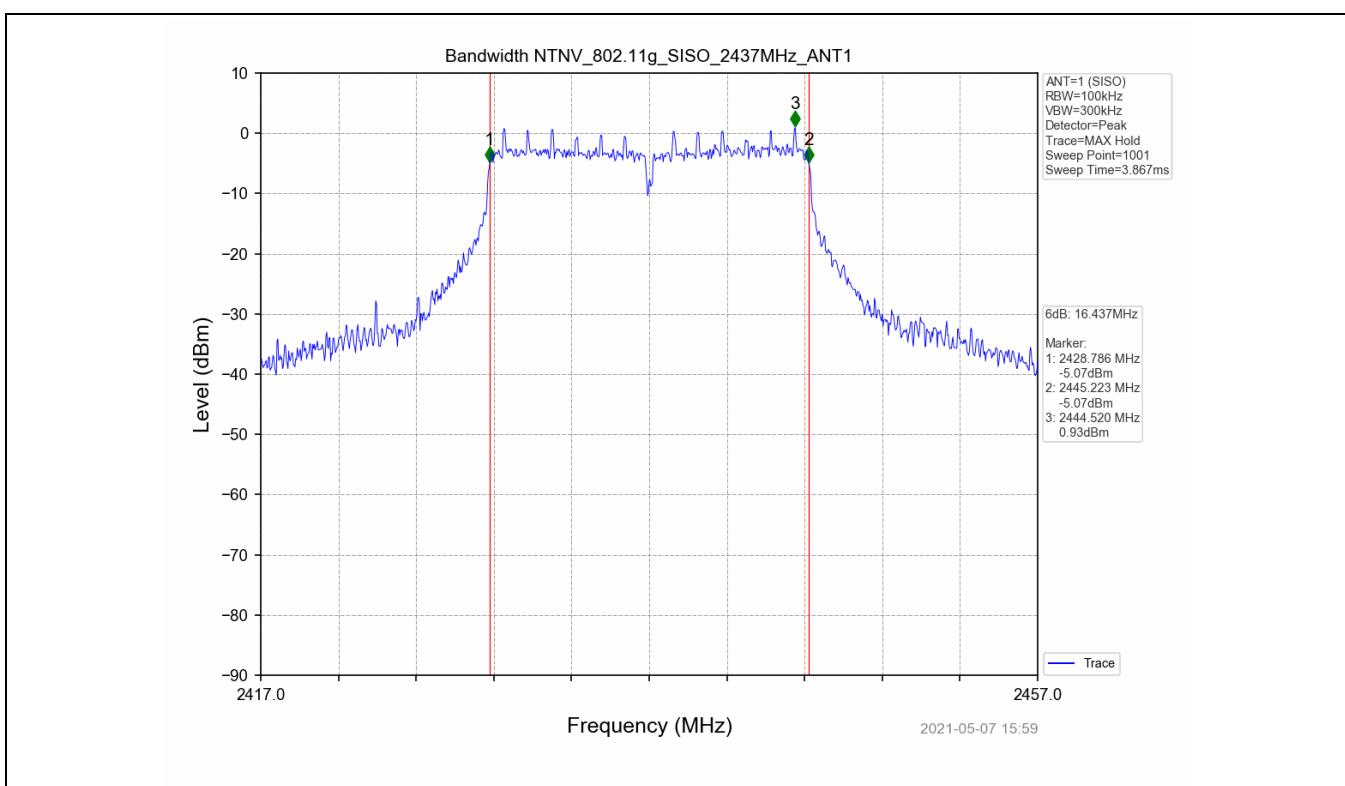
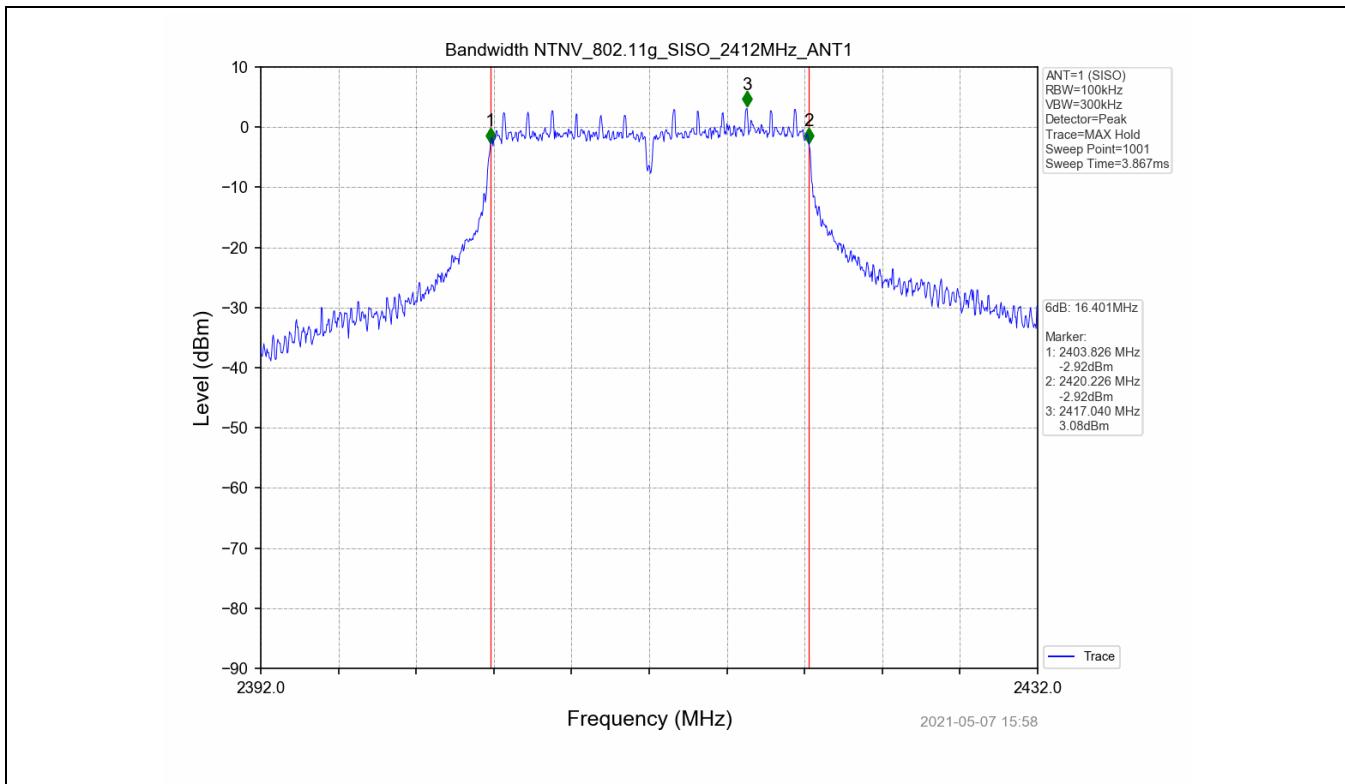
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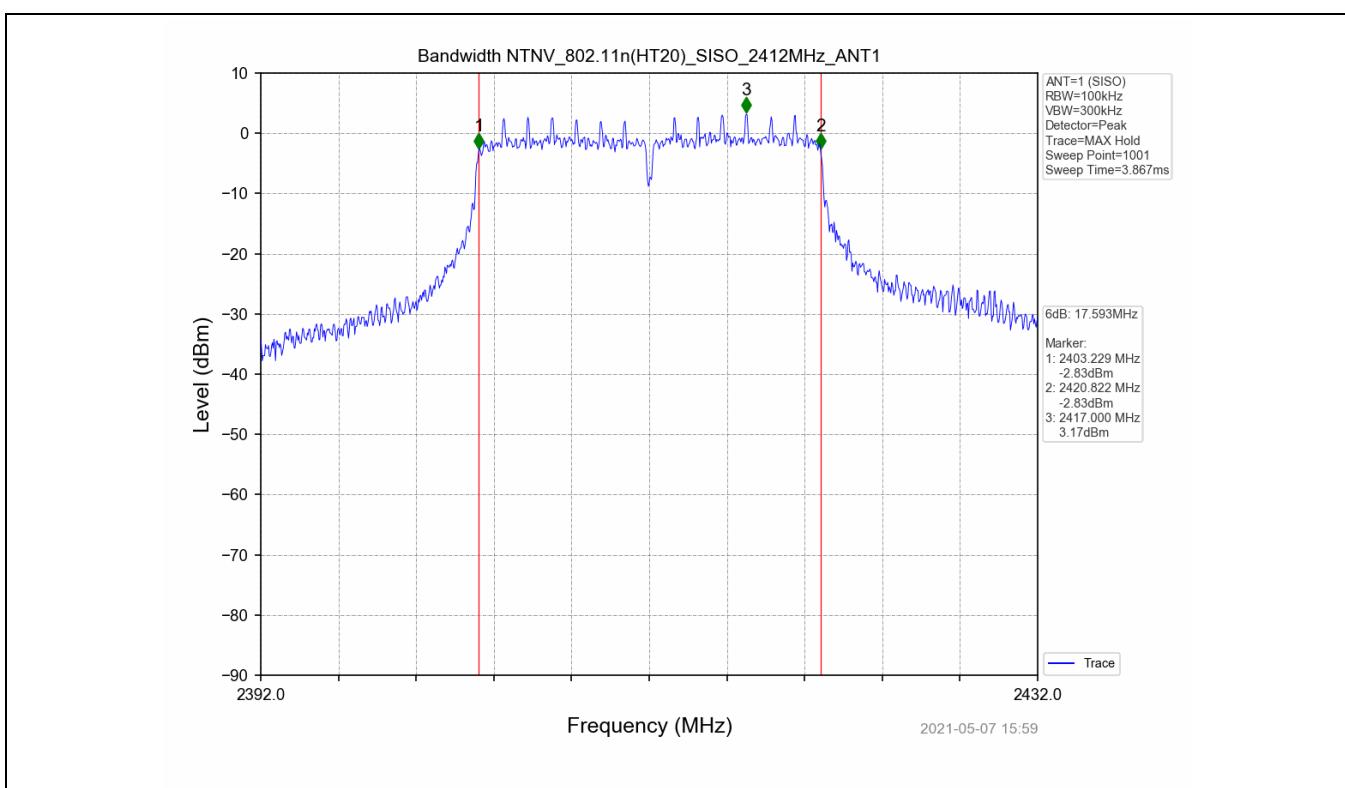
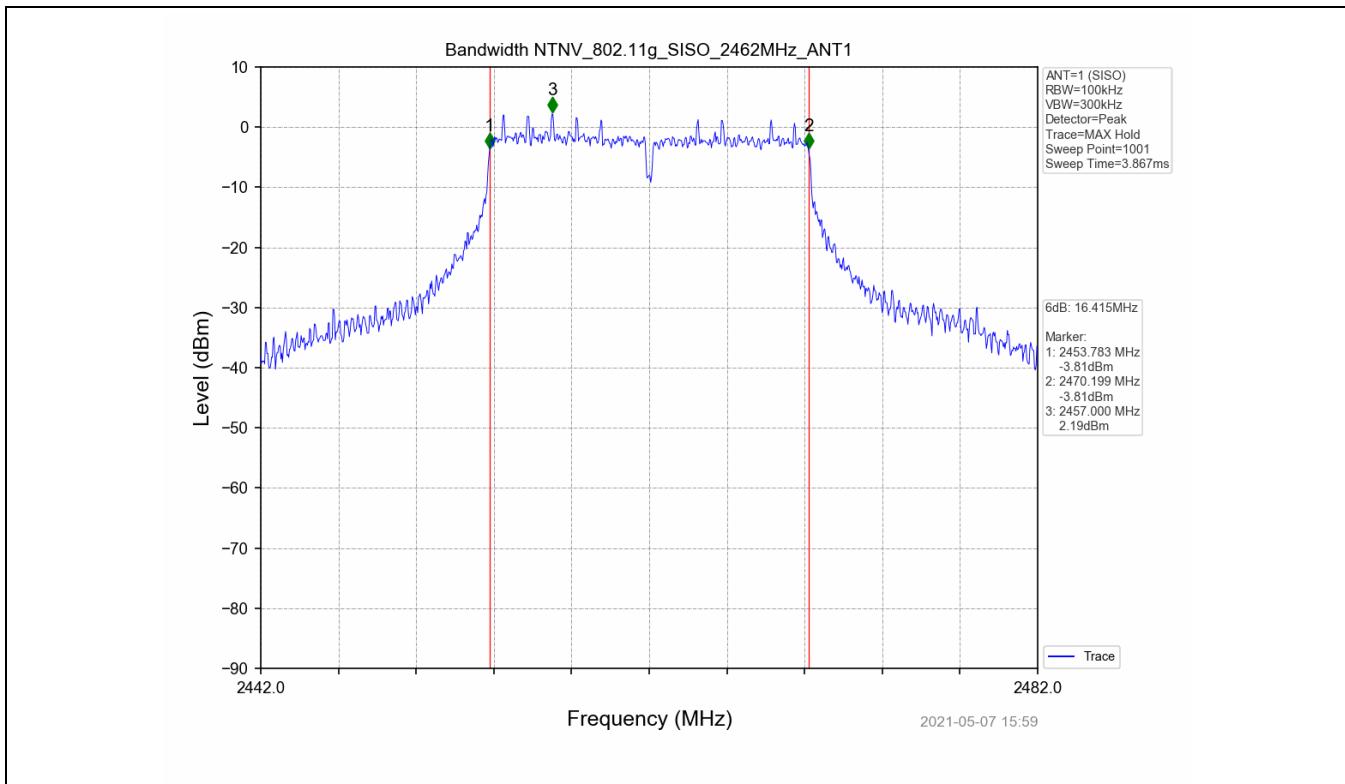


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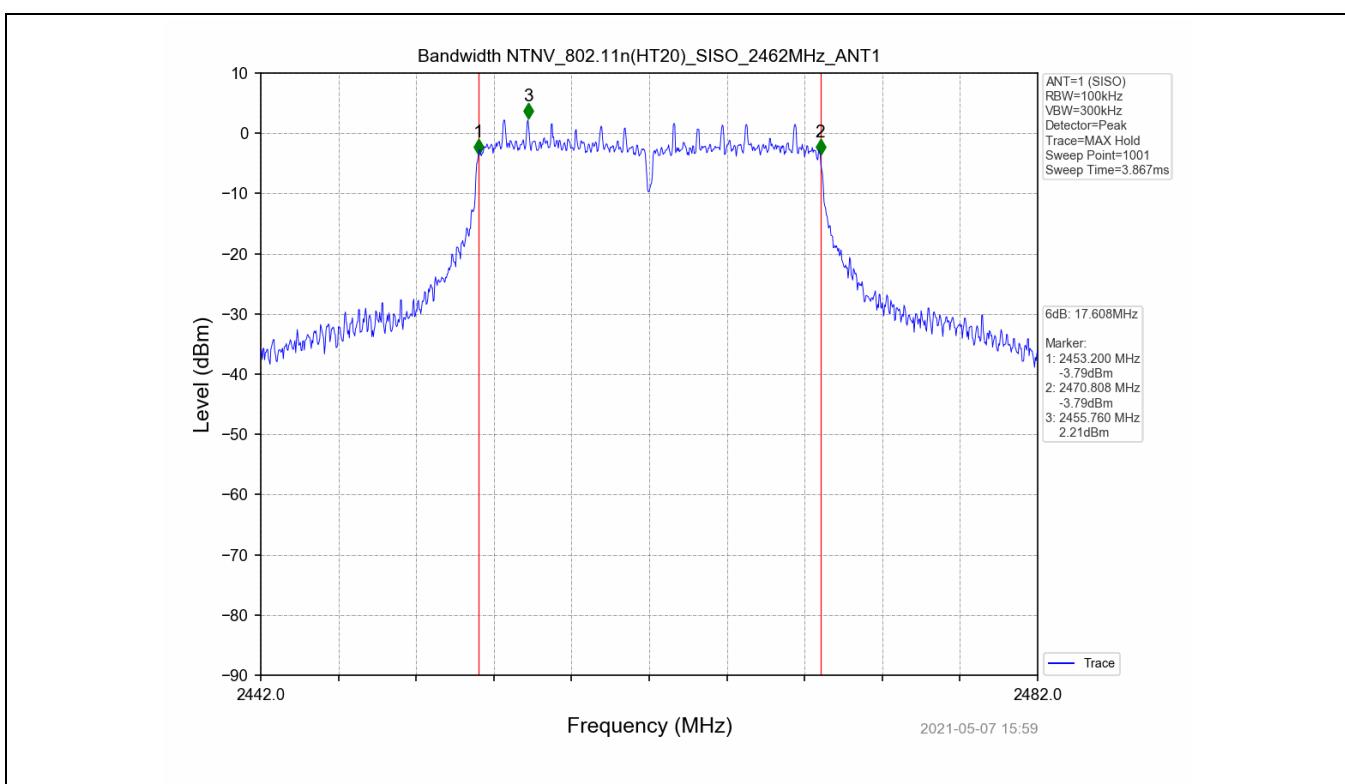
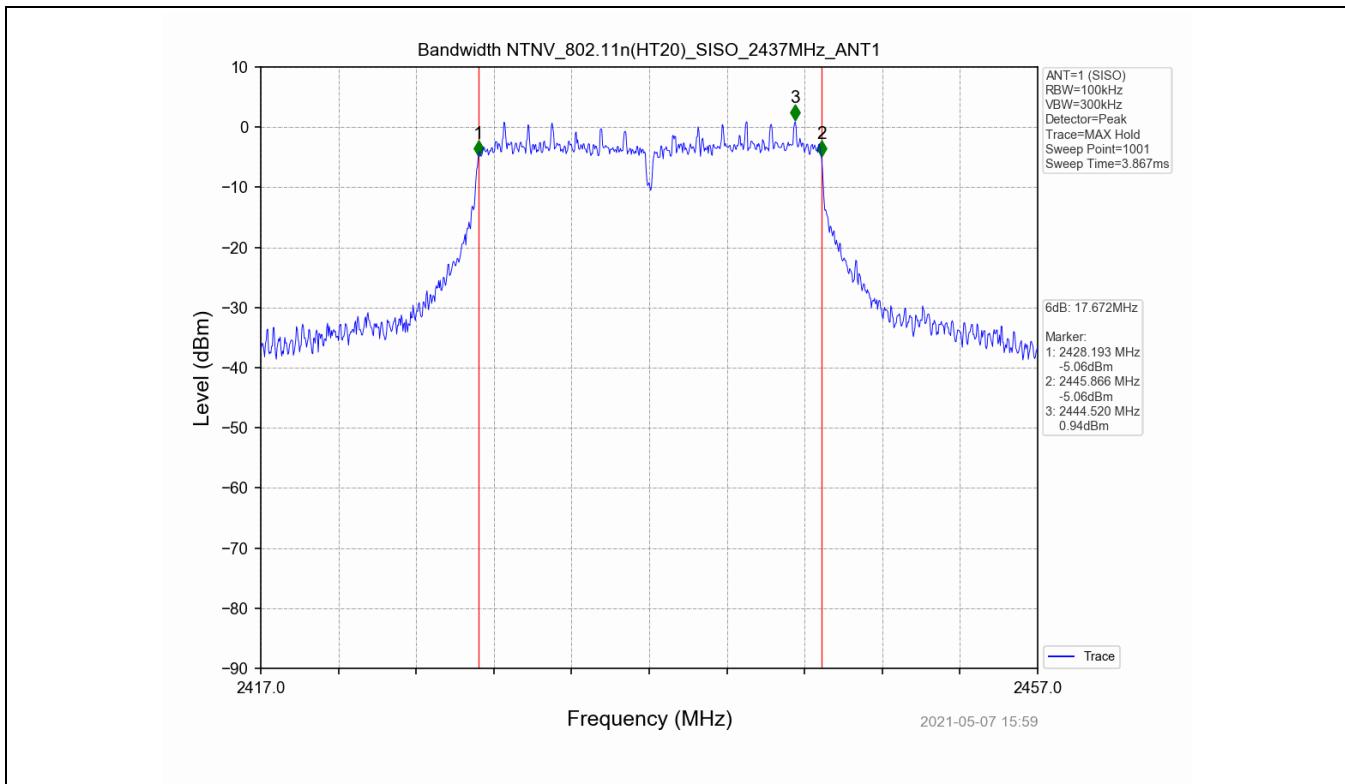


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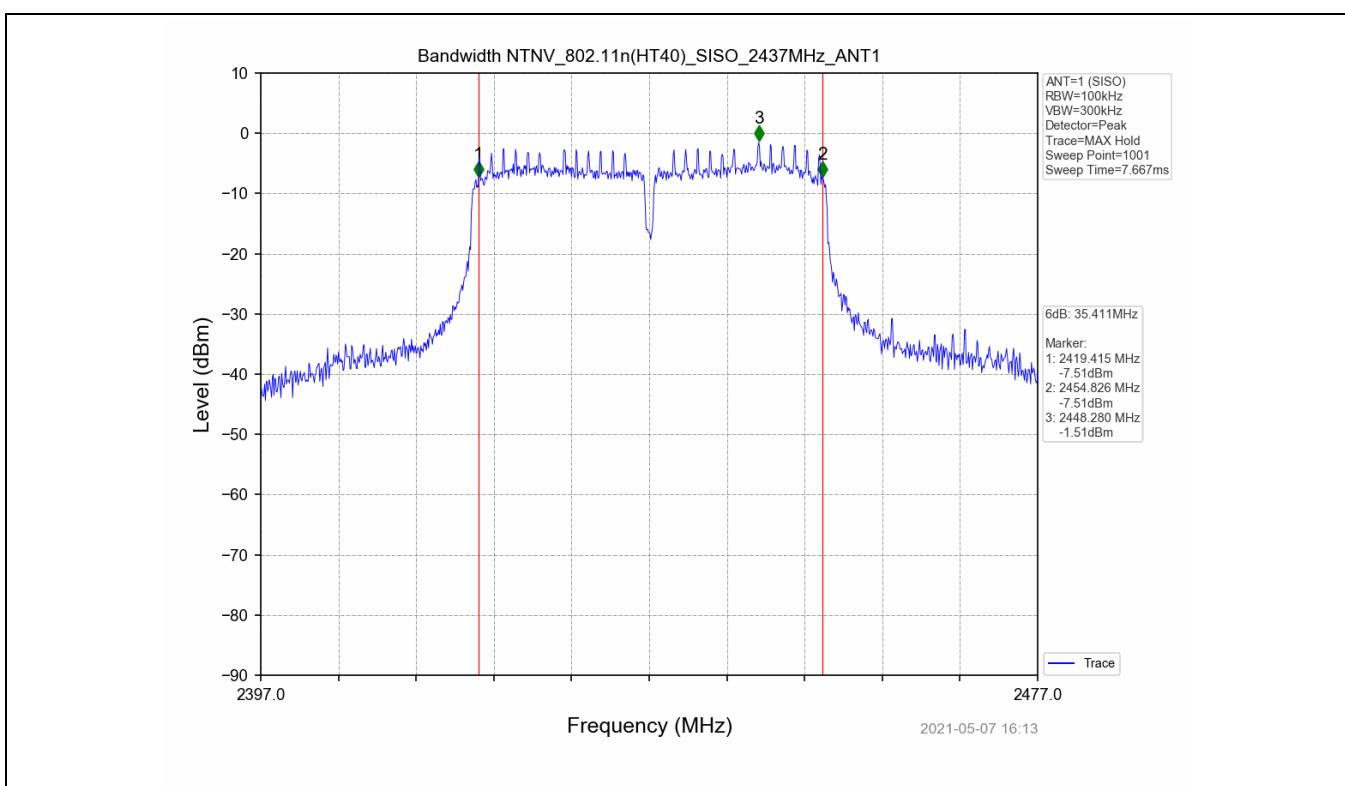
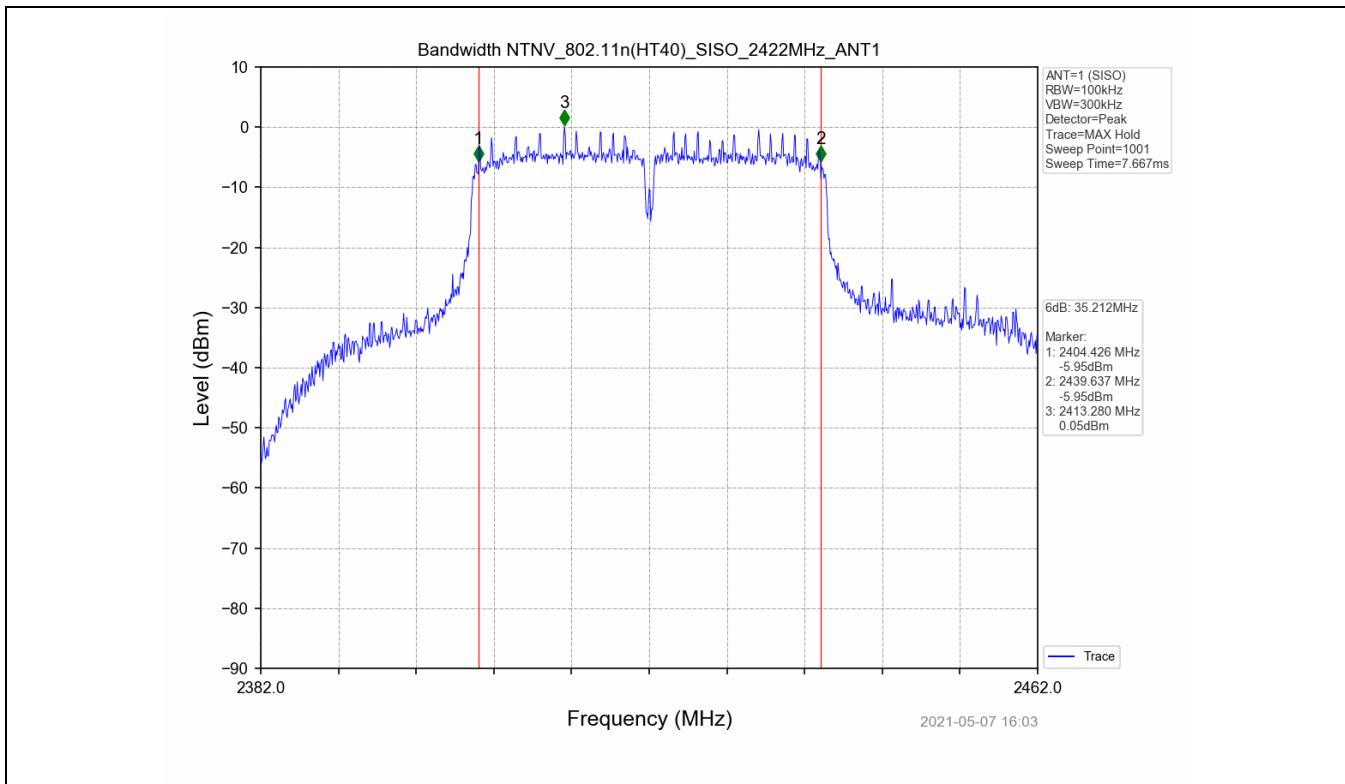


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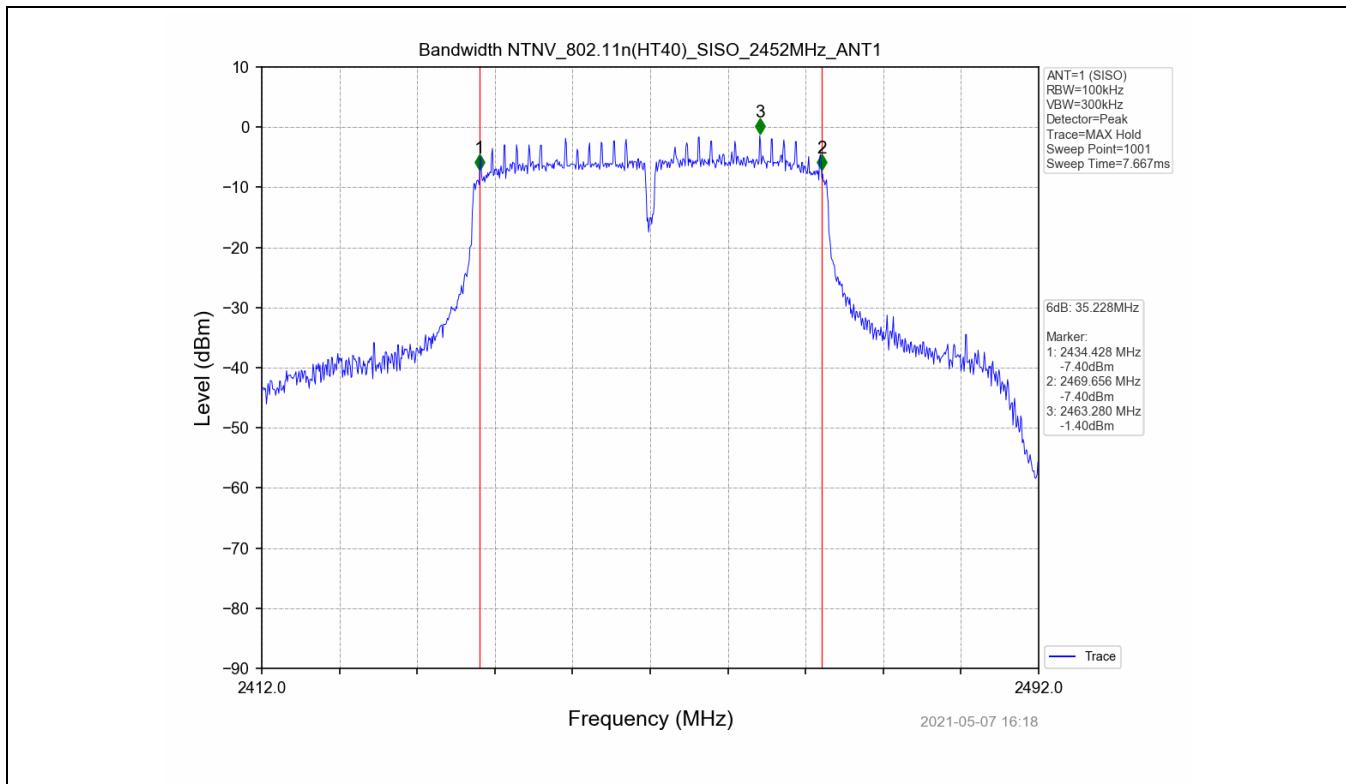


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3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Average Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	13.98	30	PASS
	2437	SISO	11.54	30	PASS
	2462	SISO	12.68	30	PASS
802.11g	2412	SISO	13.99	30	PASS
	2437	SISO	12.08	30	PASS
	2462	SISO	13.16	30	PASS
802.11n(HT20)	2412	SISO	14.04	30	PASS
	2437	SISO	11.77	30	PASS
	2462	SISO	13.22	30	PASS
802.11n(HT40)	2422	SISO	12.89	30	PASS
	2437	SISO	12.07	30	PASS
	2452	SISO	12.34	30	PASS

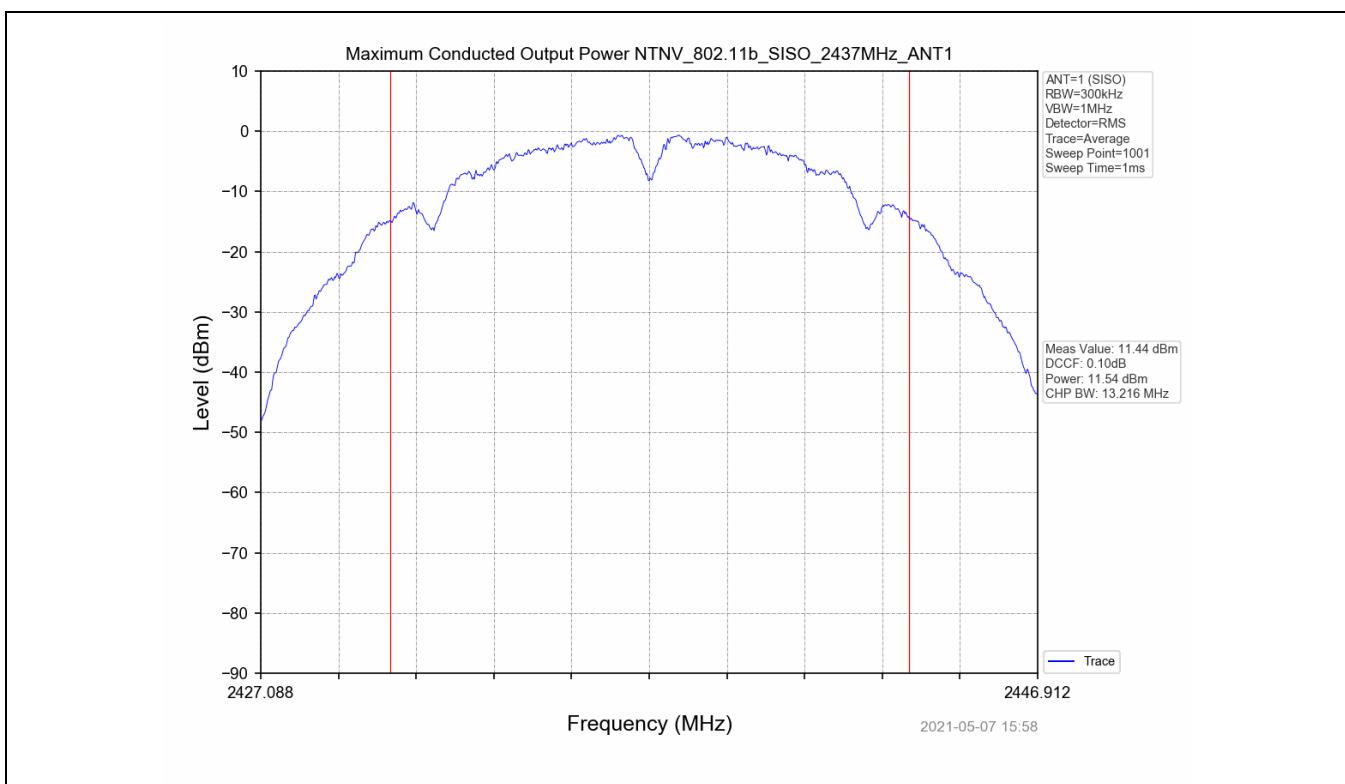
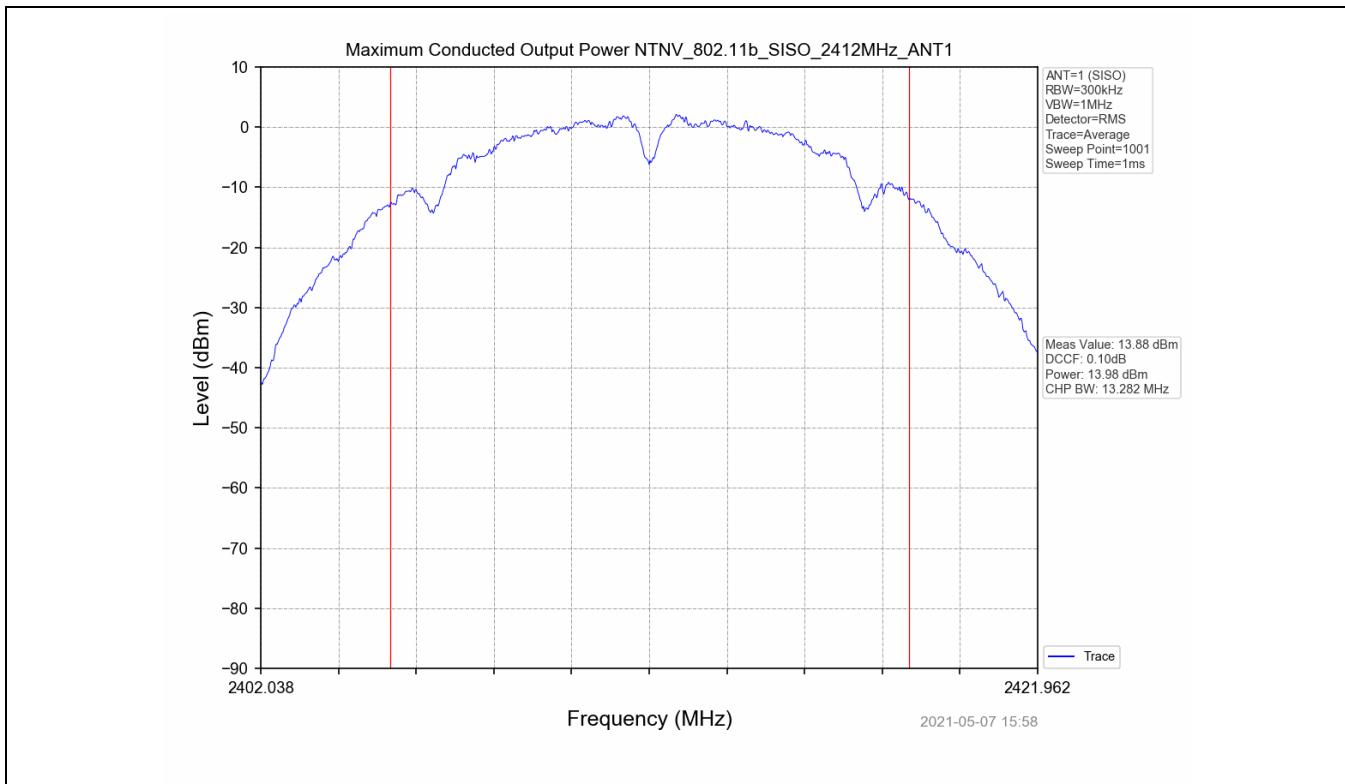
3.2 Test Graph



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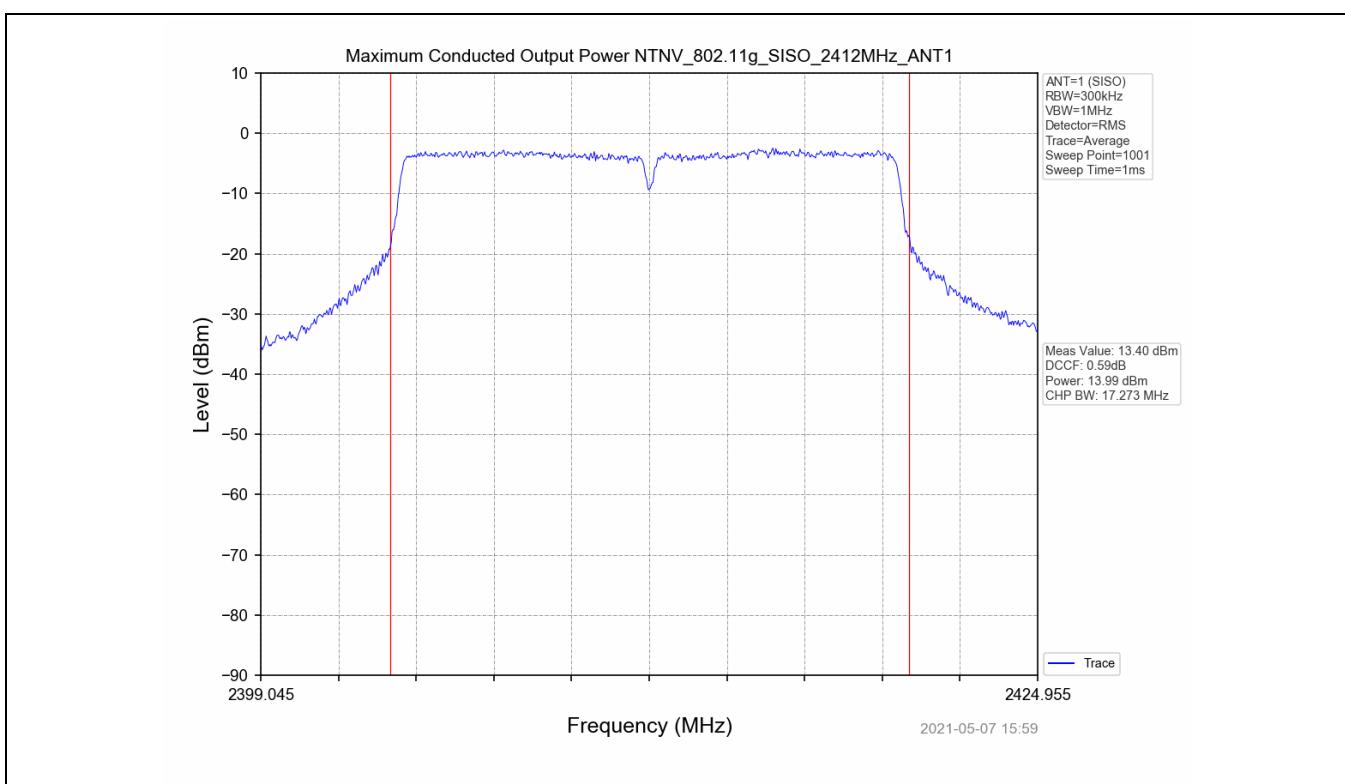
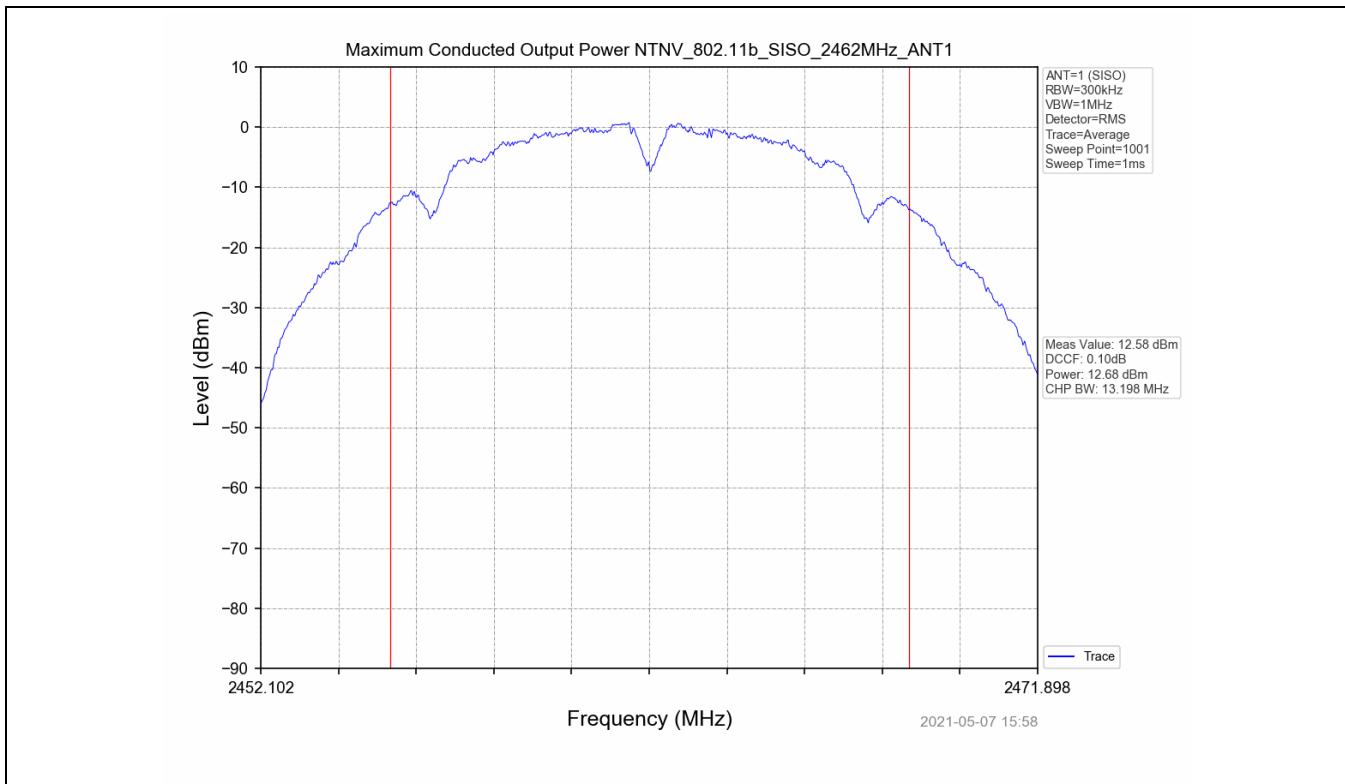
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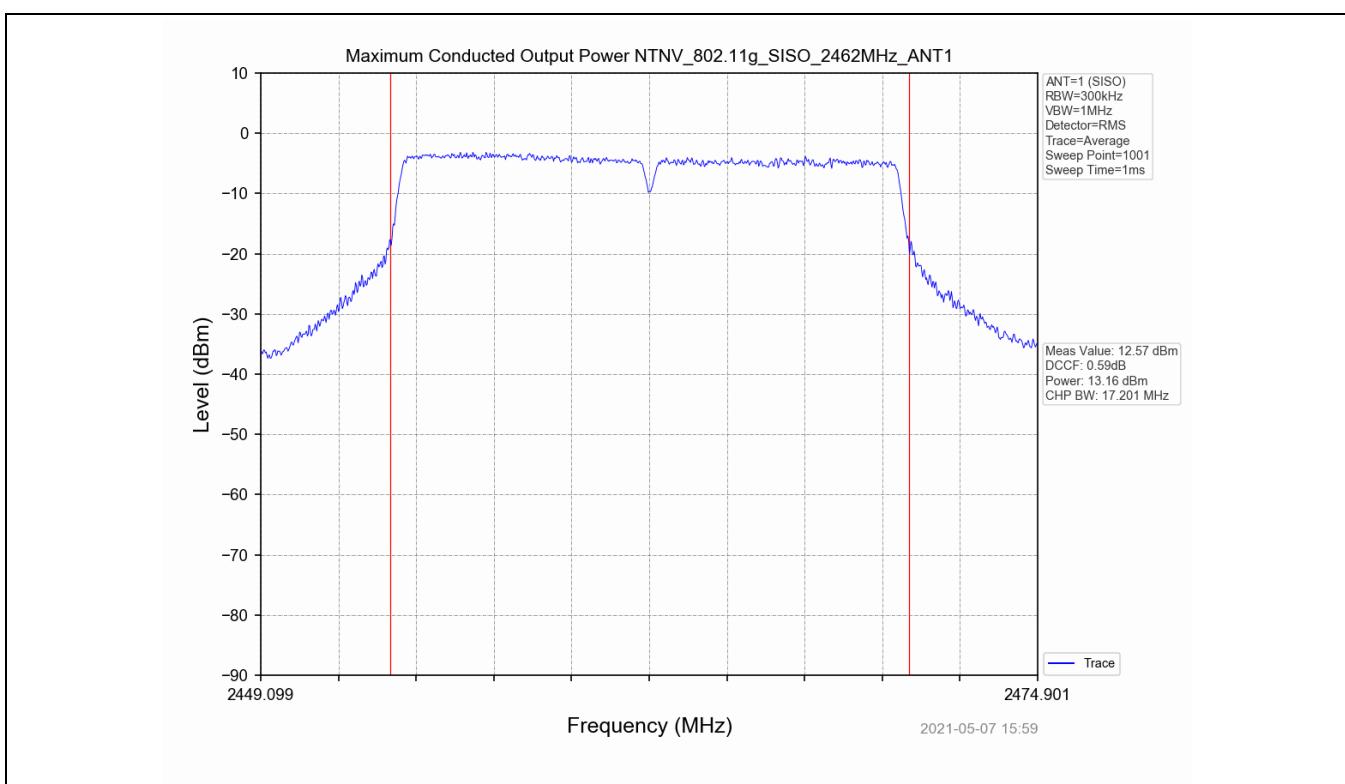
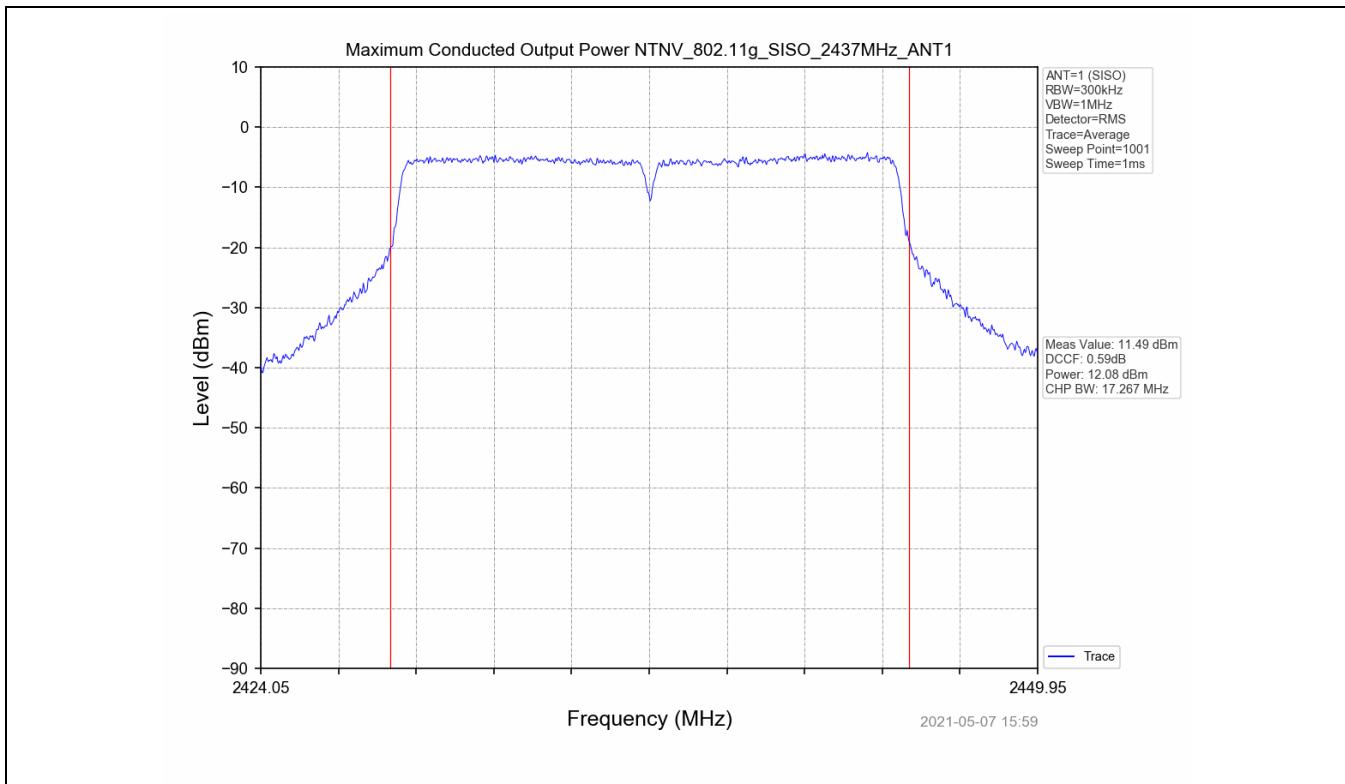
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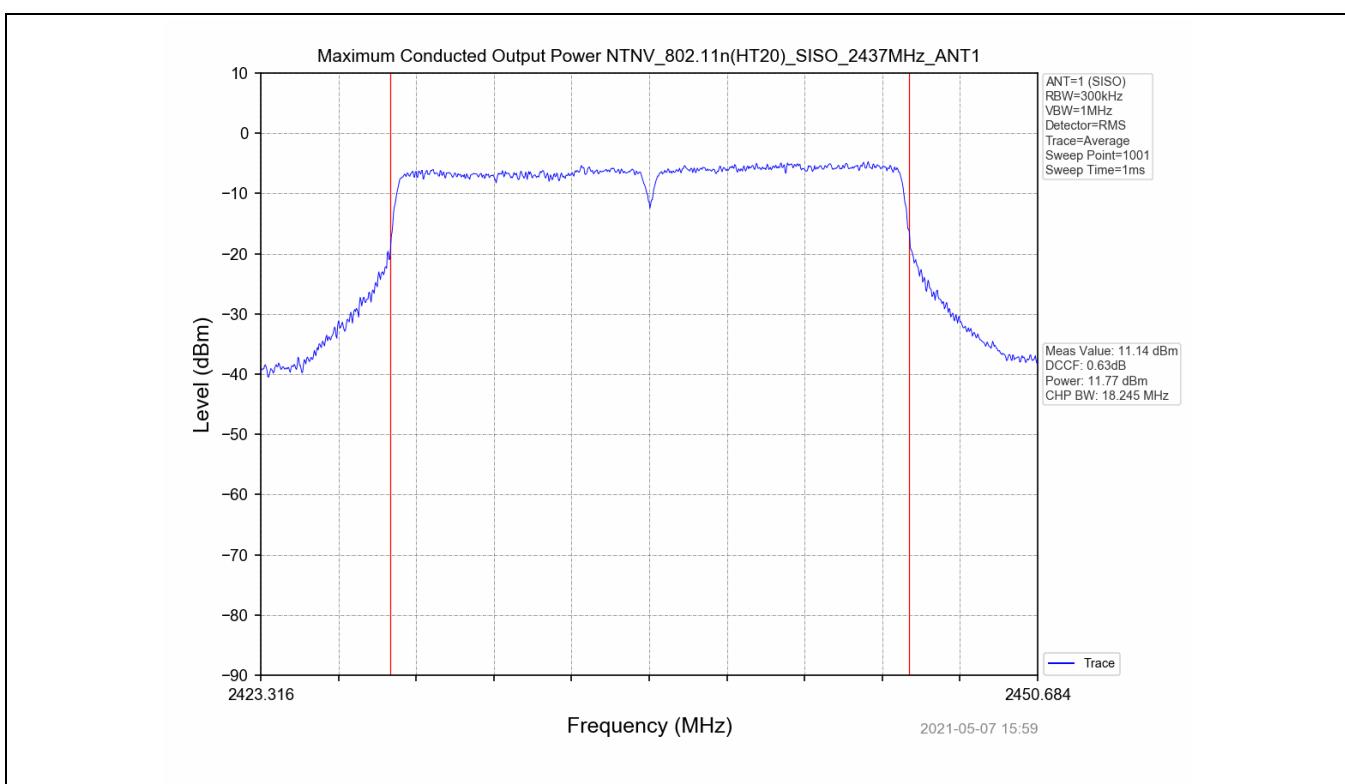
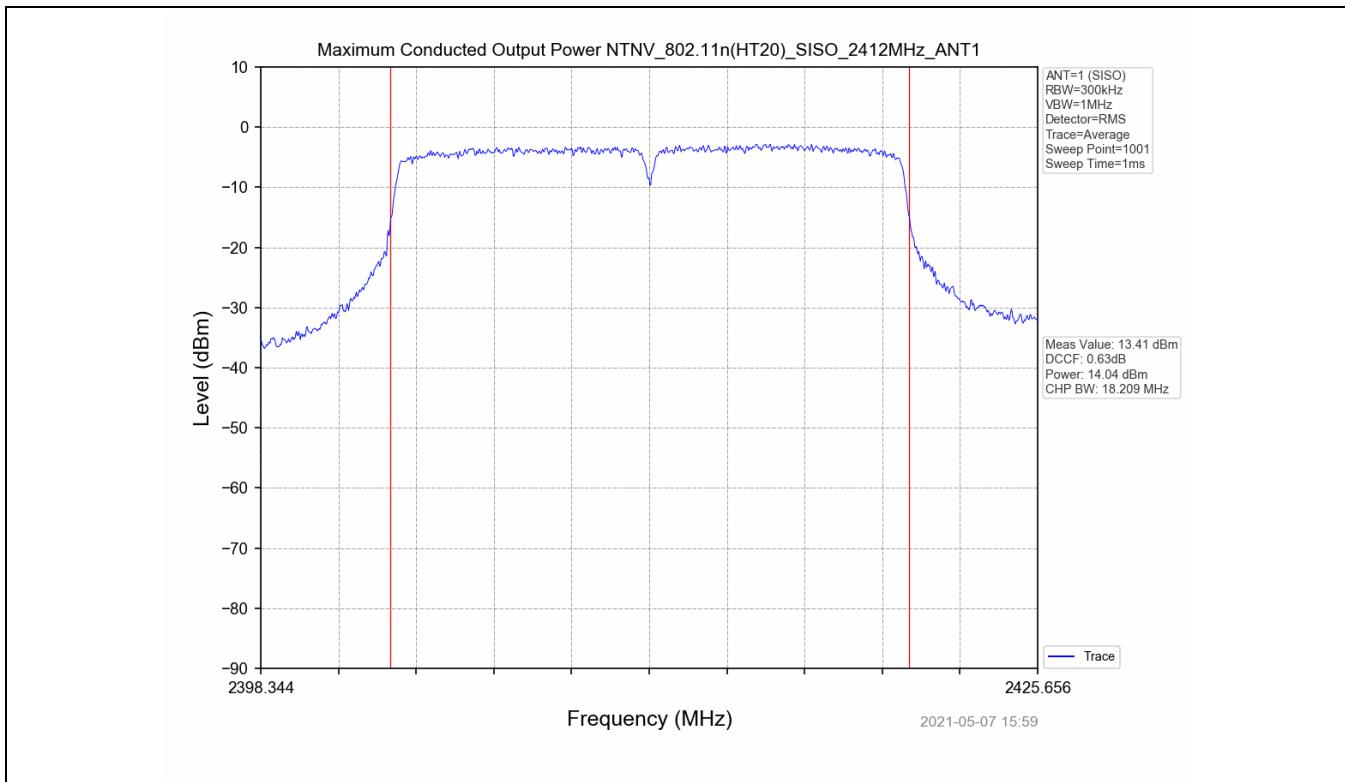


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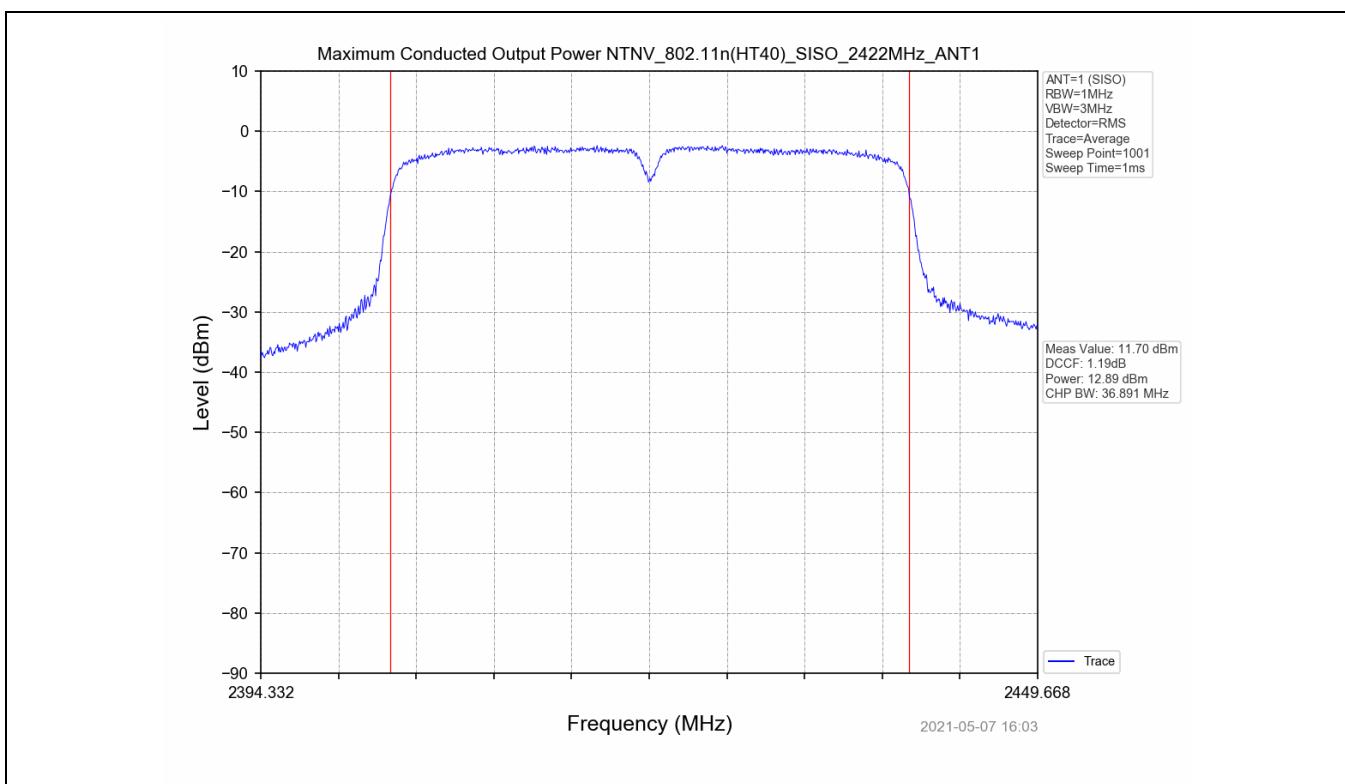
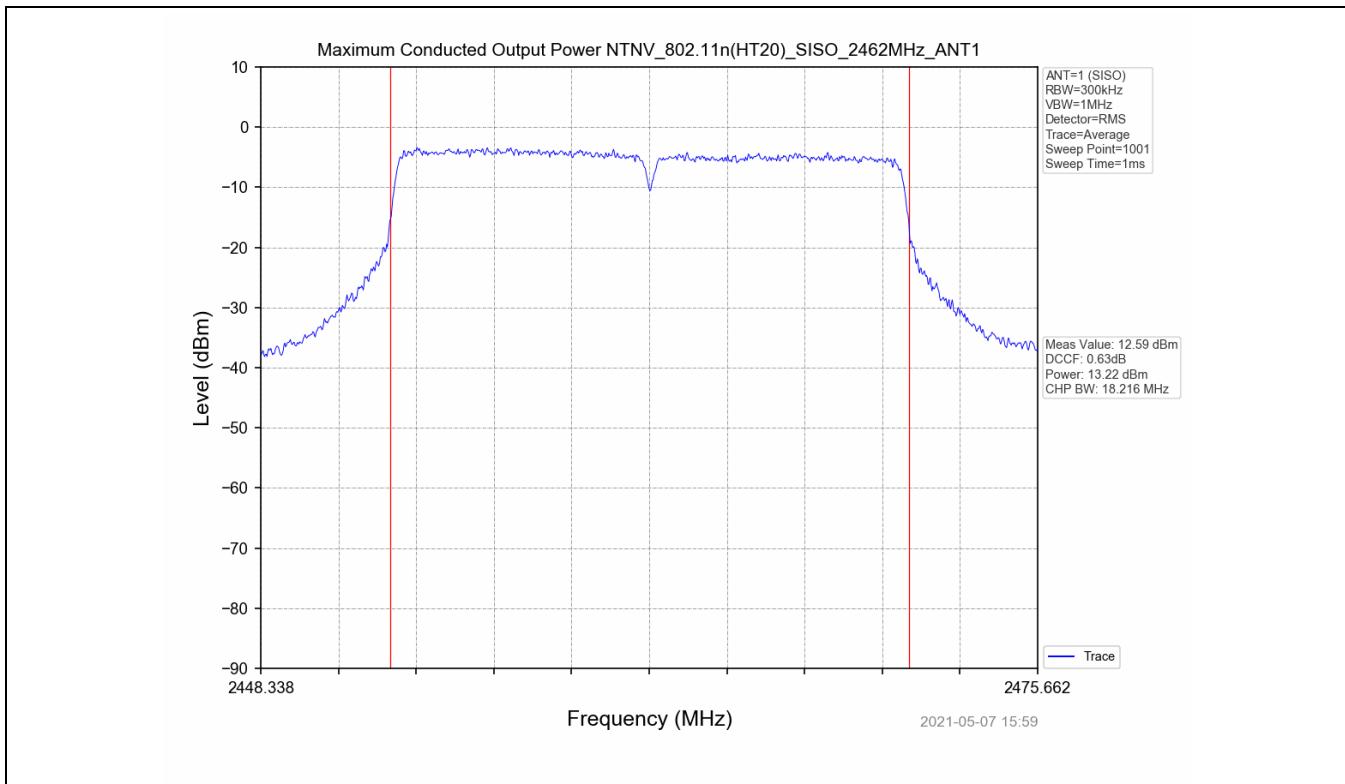


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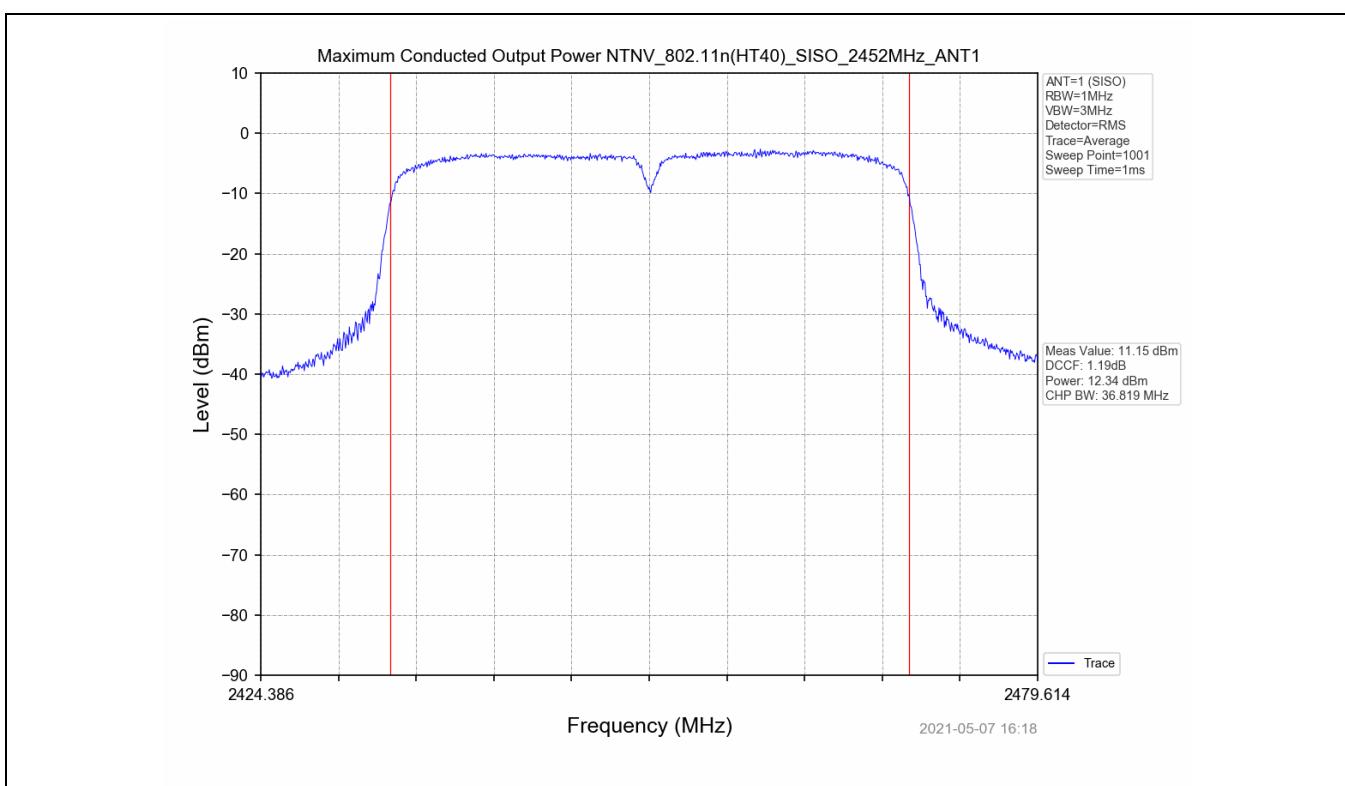
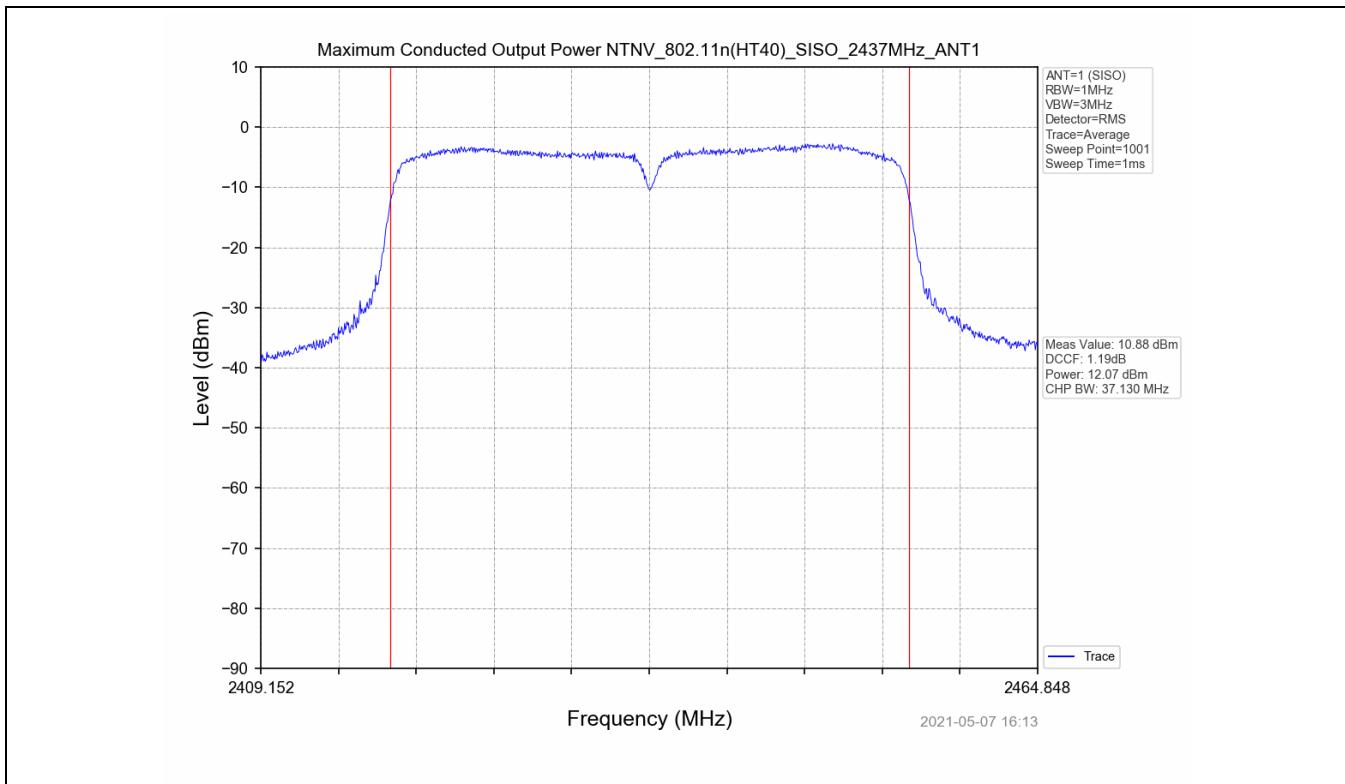


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4. Maximum Power Spectral Density (PSD)

4.1 Test Result



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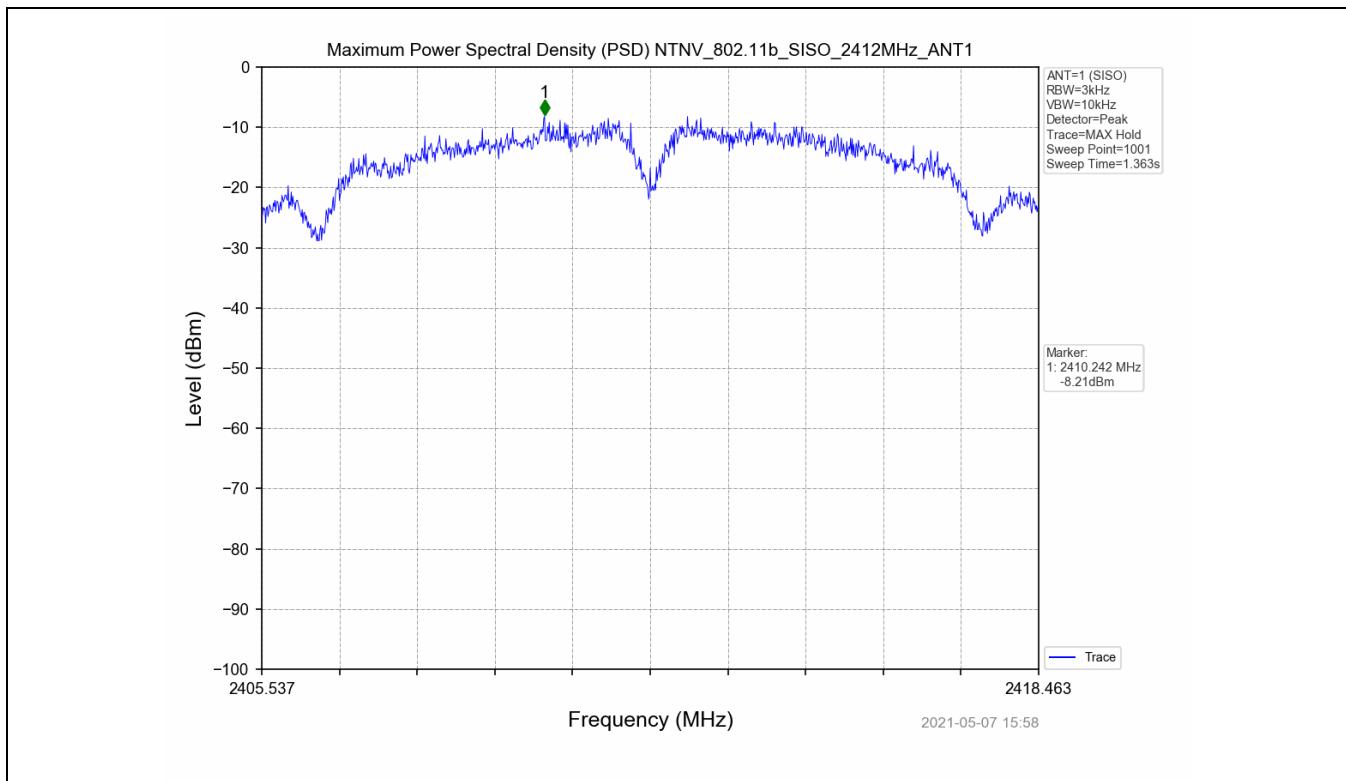
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Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-8.21	≤8	PASS
	2437	SISO	-10.01	≤8	PASS
	2462	SISO	-9.33	≤8	PASS
802.11g	2412	SISO	-11.35	≤8	PASS
	2437	SISO	-12.39	≤8	PASS
	2462	SISO	-12.19	≤8	PASS
802.11n(HT20)	2412	SISO	-10.37	≤8	PASS
	2437	SISO	-12.57	≤8	PASS
	2462	SISO	-11.72	≤8	PASS
802.11n(HT40)	2422	SISO	-14.56	≤8	PASS
	2437	SISO	-15.68	≤8	PASS
	2452	SISO	-15.35	≤8	PASS

4.2 Test Graph



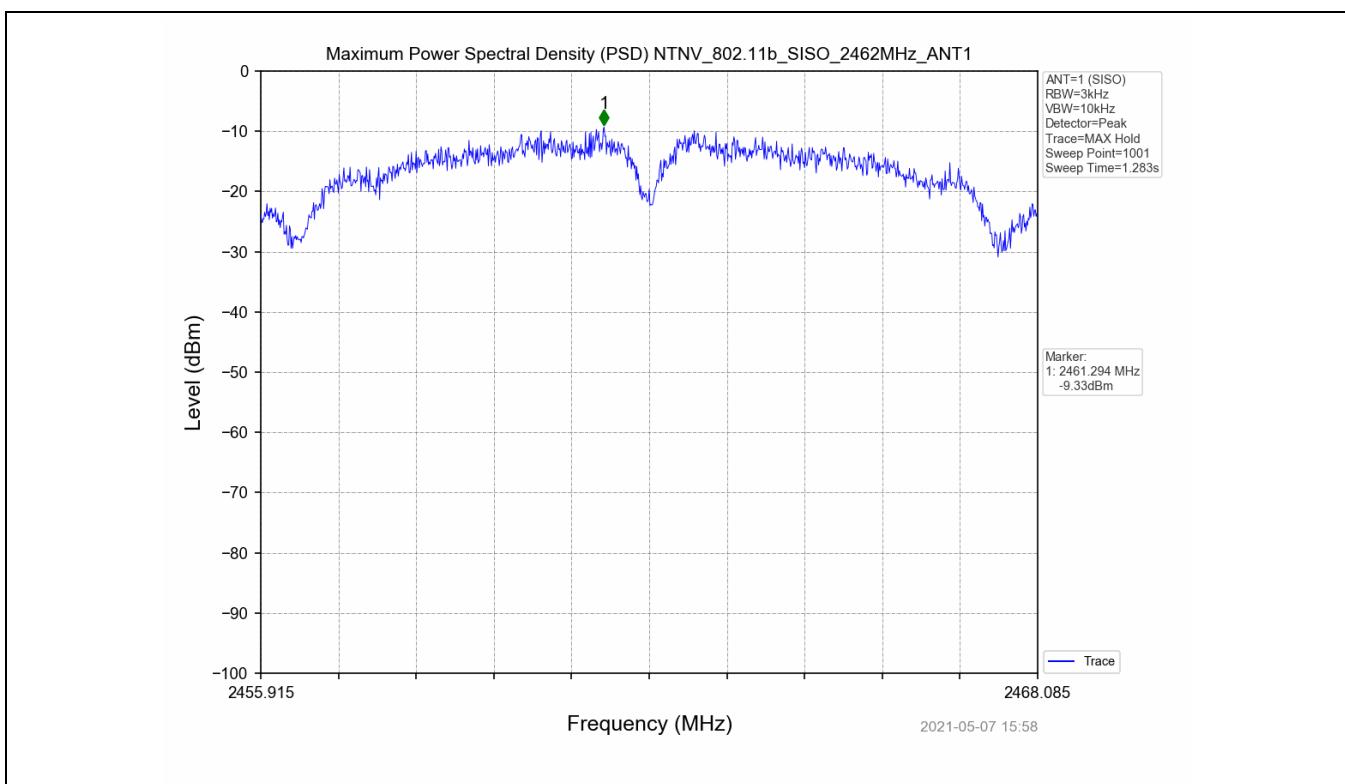
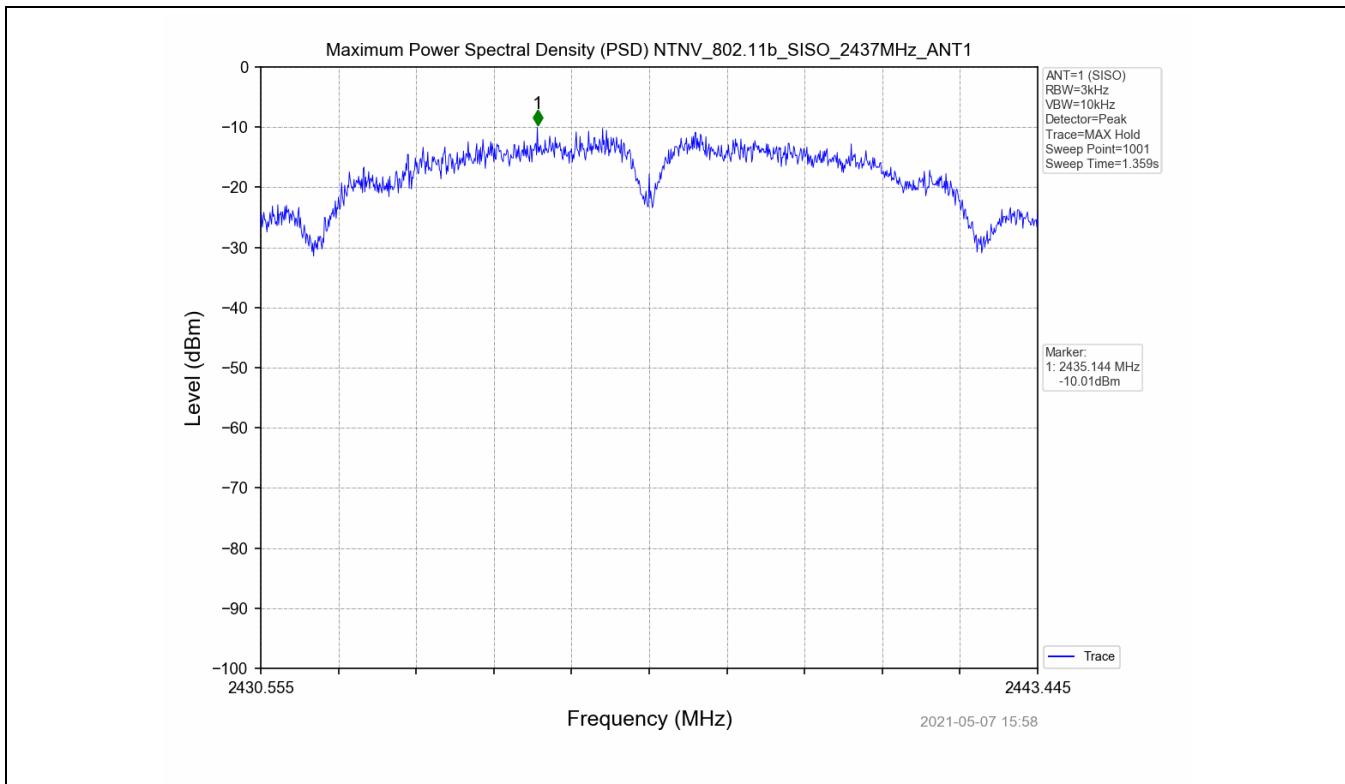
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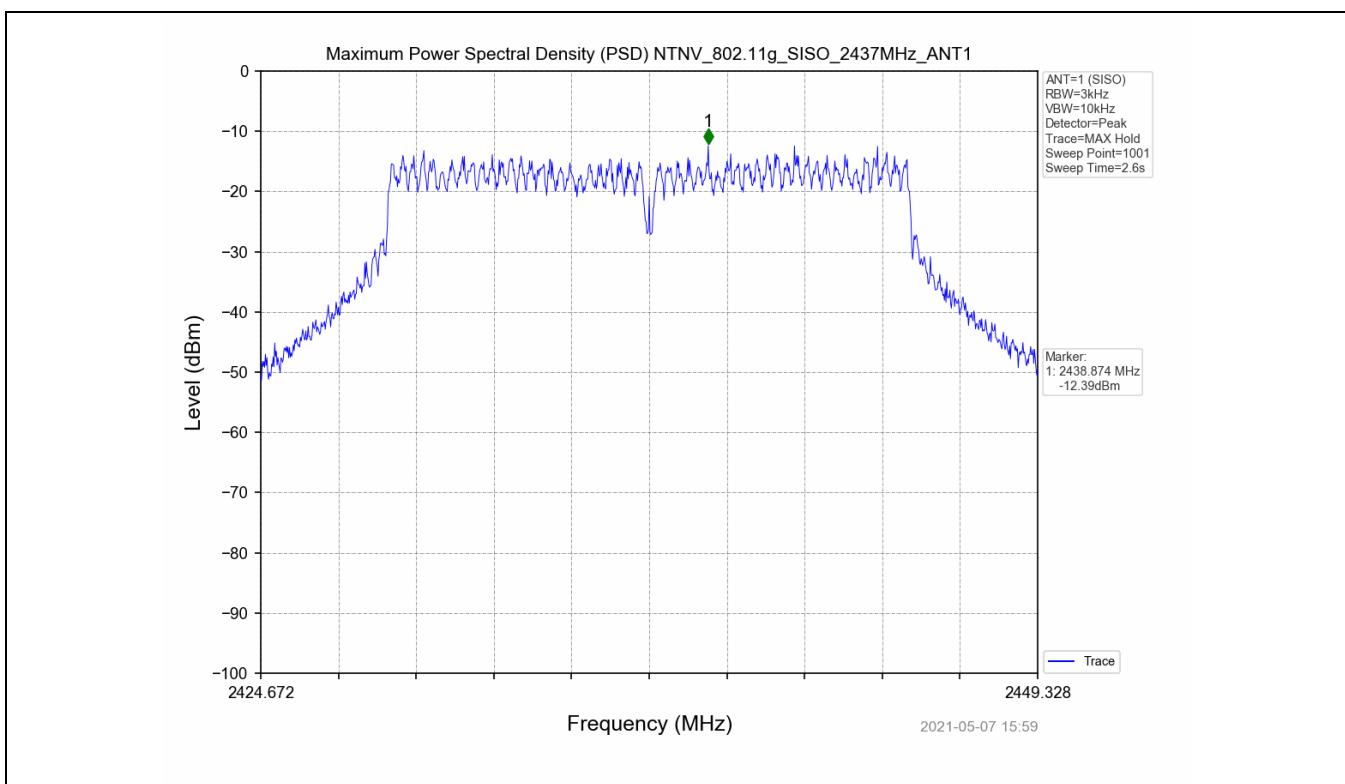
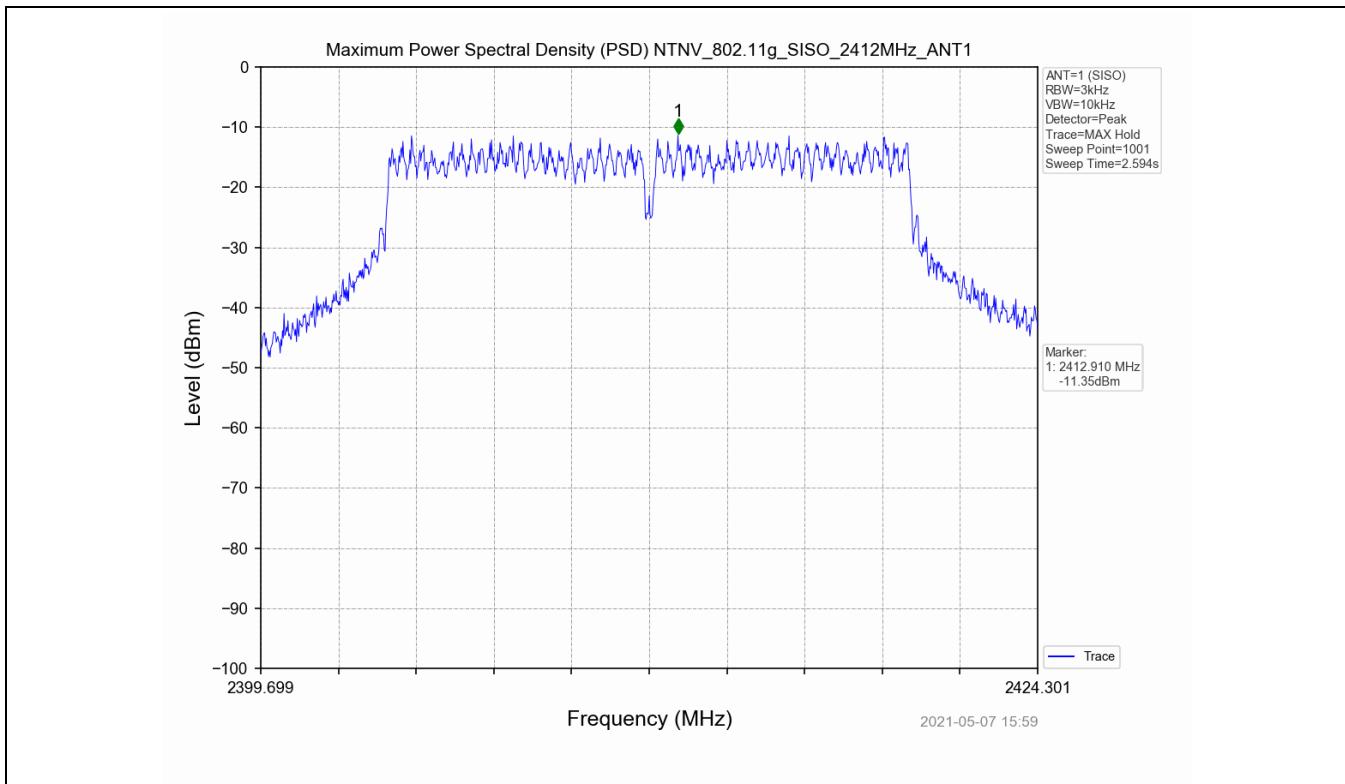
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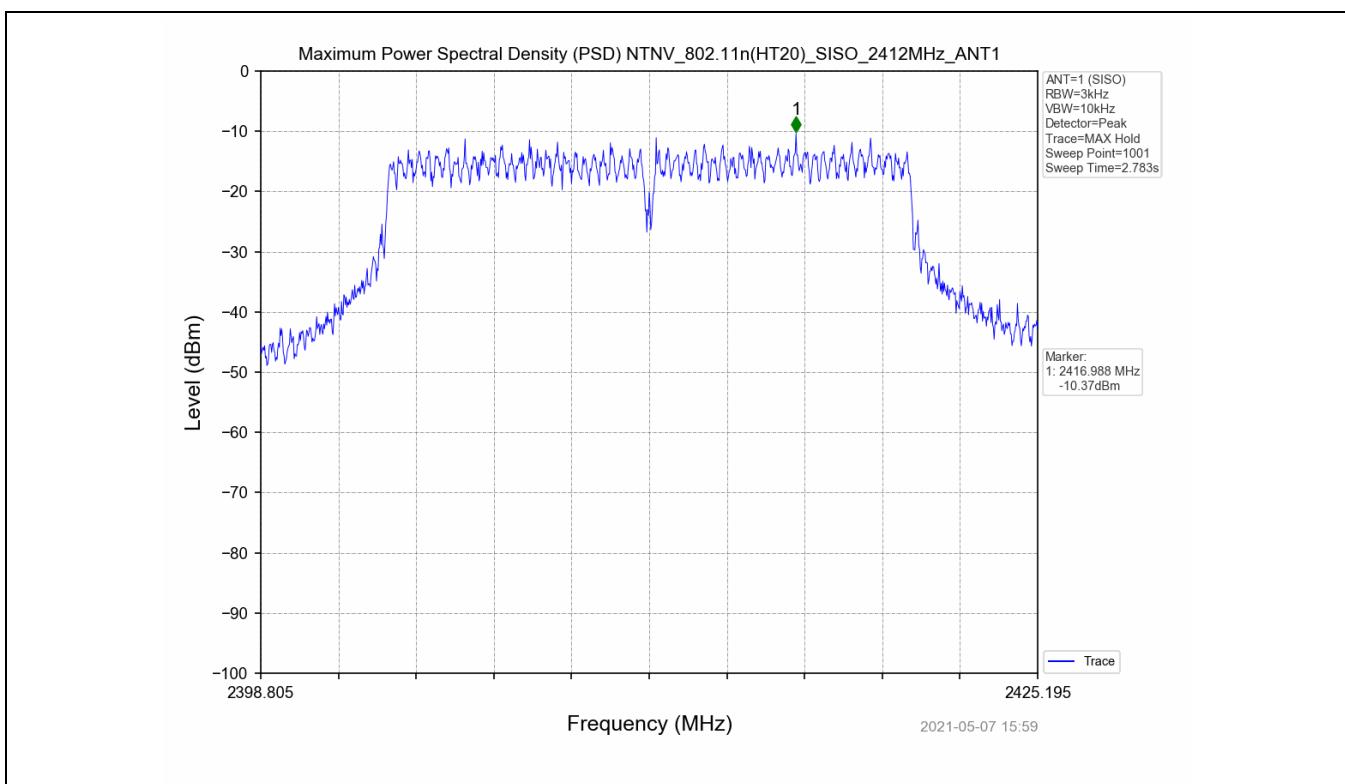
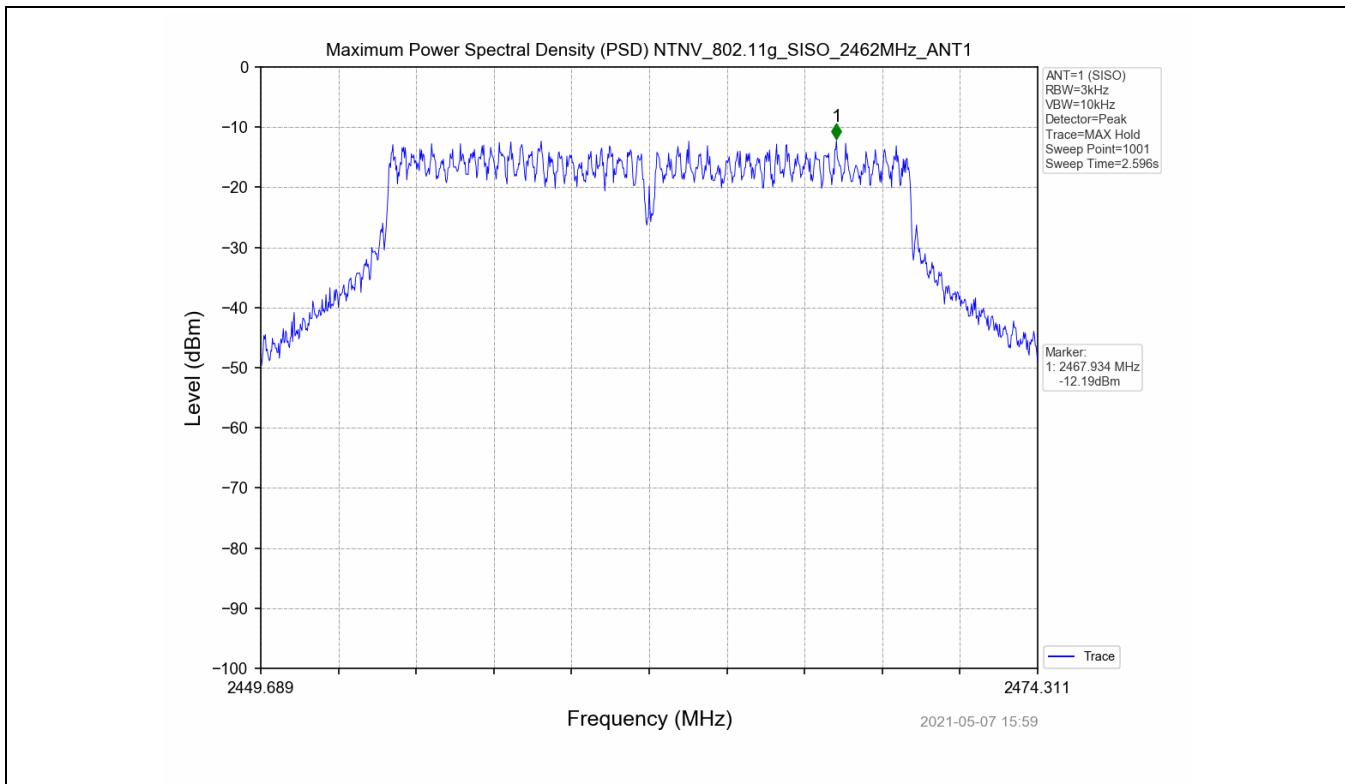


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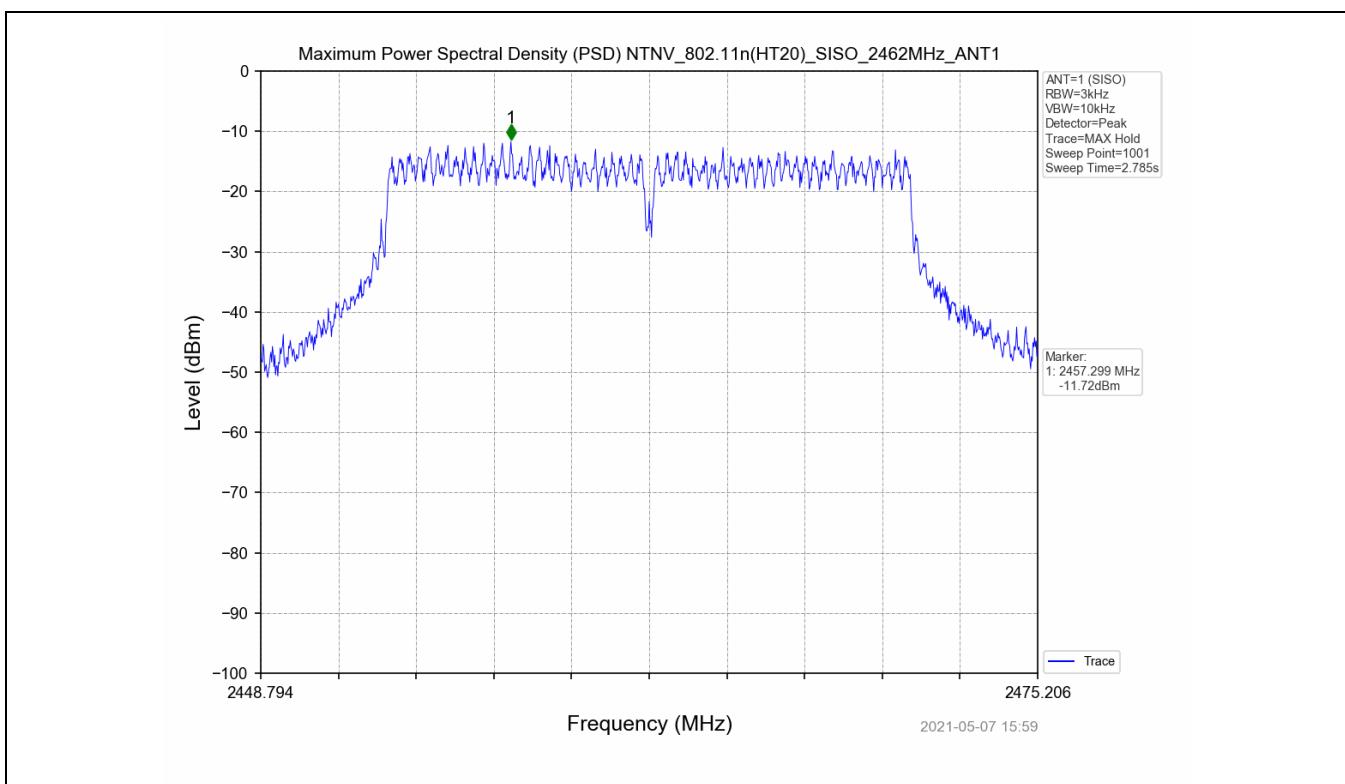
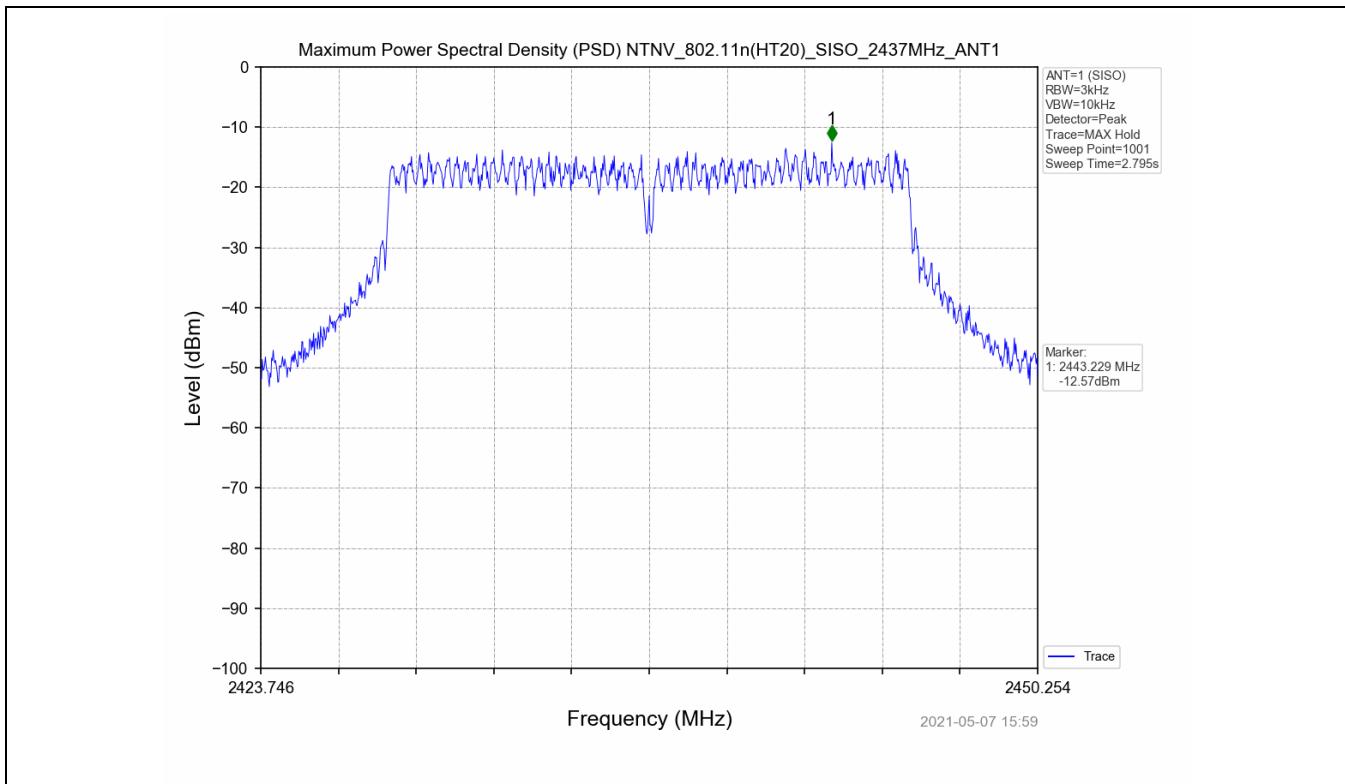


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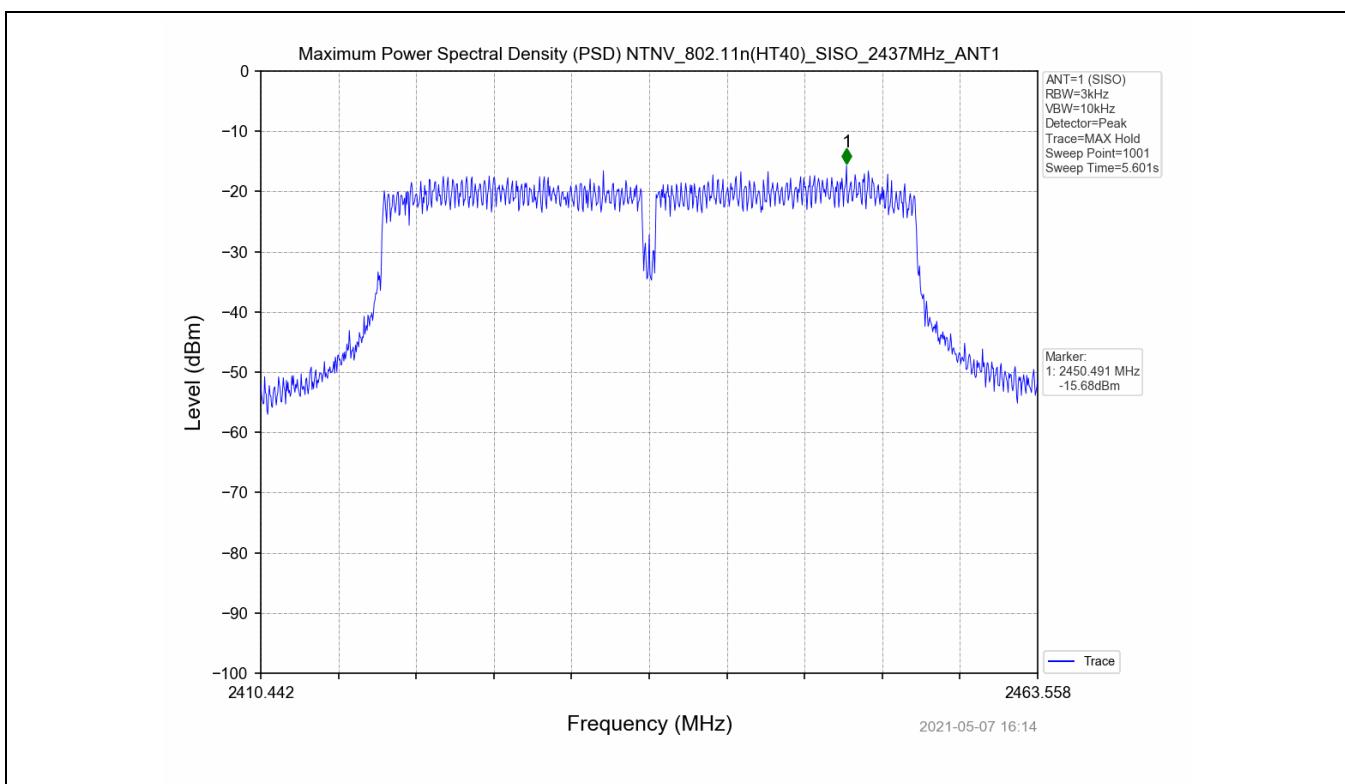
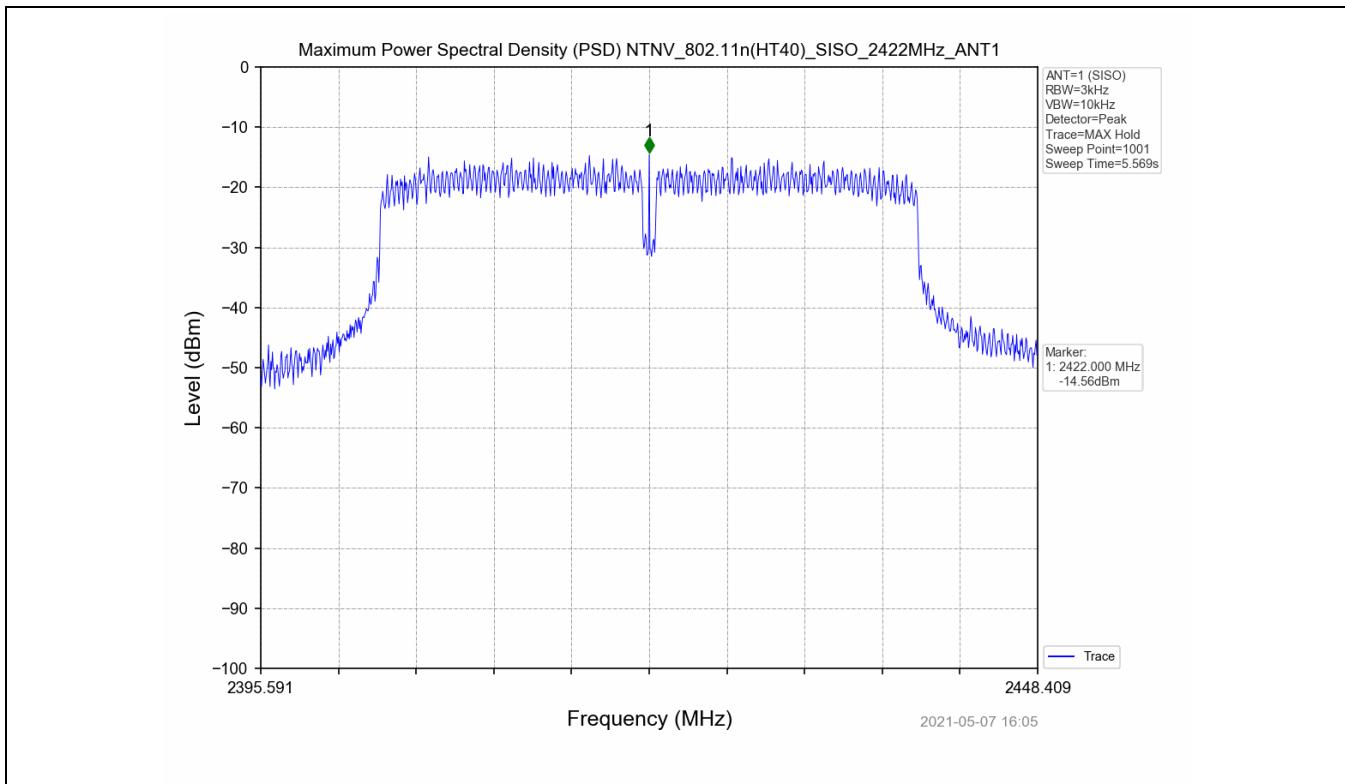


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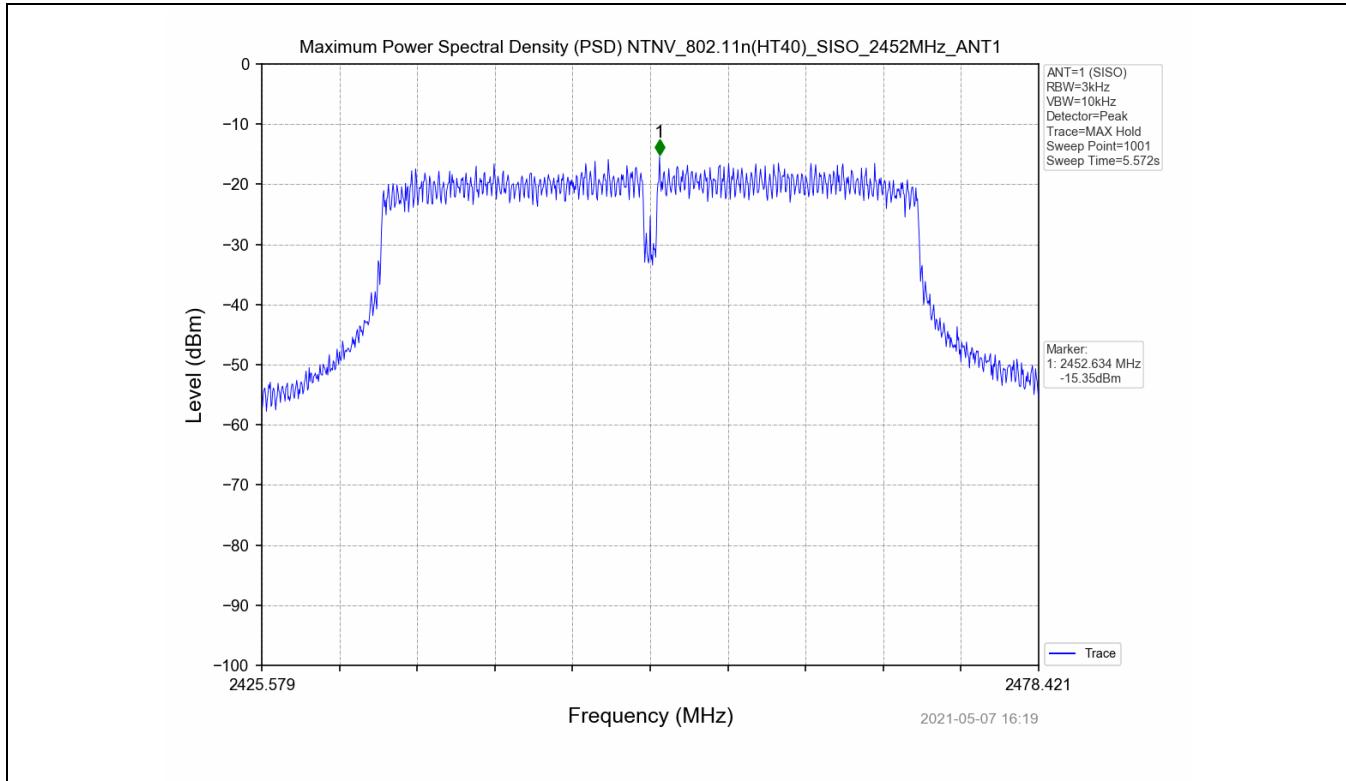
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5. Unwanted Emissions in Non-restricted Frequency Bands

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	-23.79	PASS
	2437	SISO	1	Refer to test graph	-23.79	PASS
	2462	SISO	1	Refer to test graph	-23.79	PASS
802.11g	2412	SISO	1	Refer to test graph	-26.59	PASS
	2437	SISO	1	Refer to test graph	-26.59	PASS
	2462	SISO	1	Refer to test graph	-26.59	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-26.72	PASS
	2437	SISO	1	Refer to test graph	-26.72	PASS
	2462	SISO	1	Refer to test graph	-26.72	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-30.19	PASS
	2437	SISO	1	Refer to test graph	-30.19	PASS
	2452	SISO	1	Refer to test graph	-30.19	PASS

5.2 Test Graph

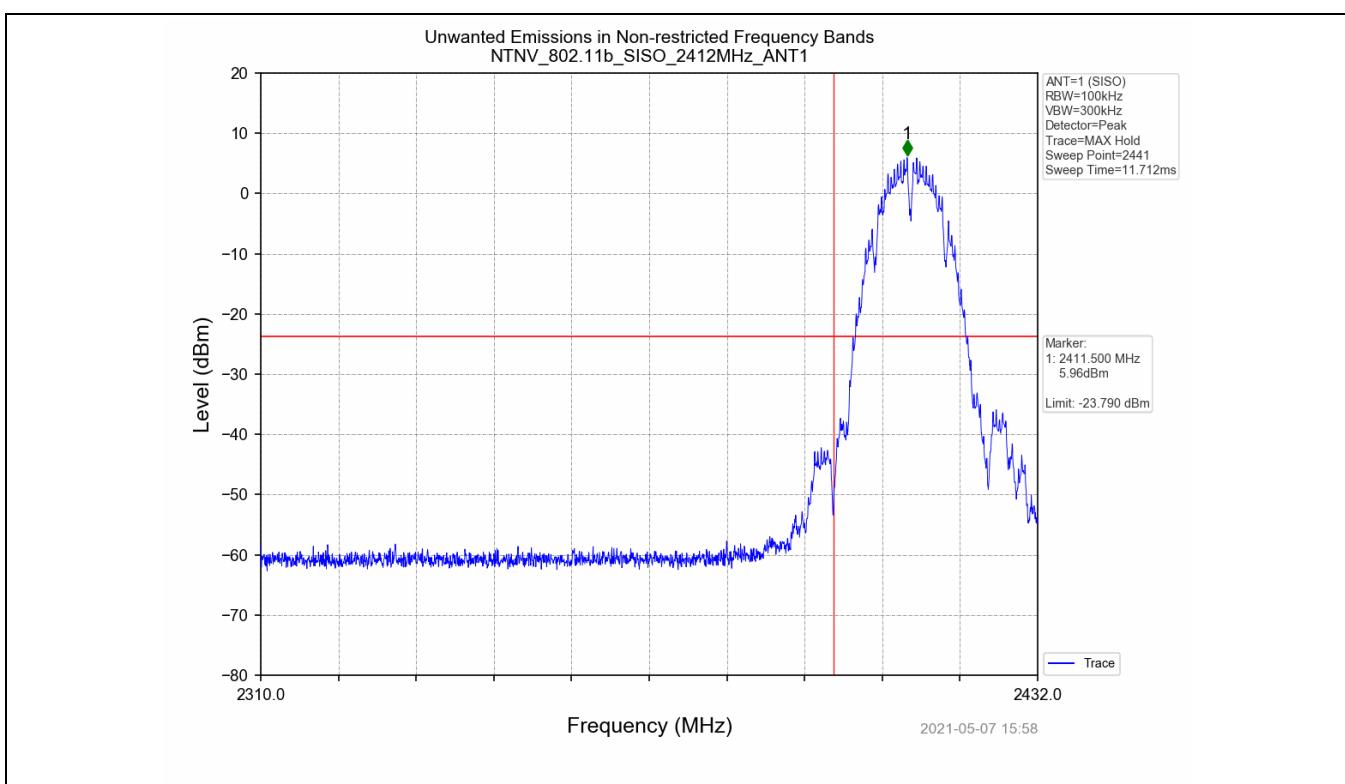
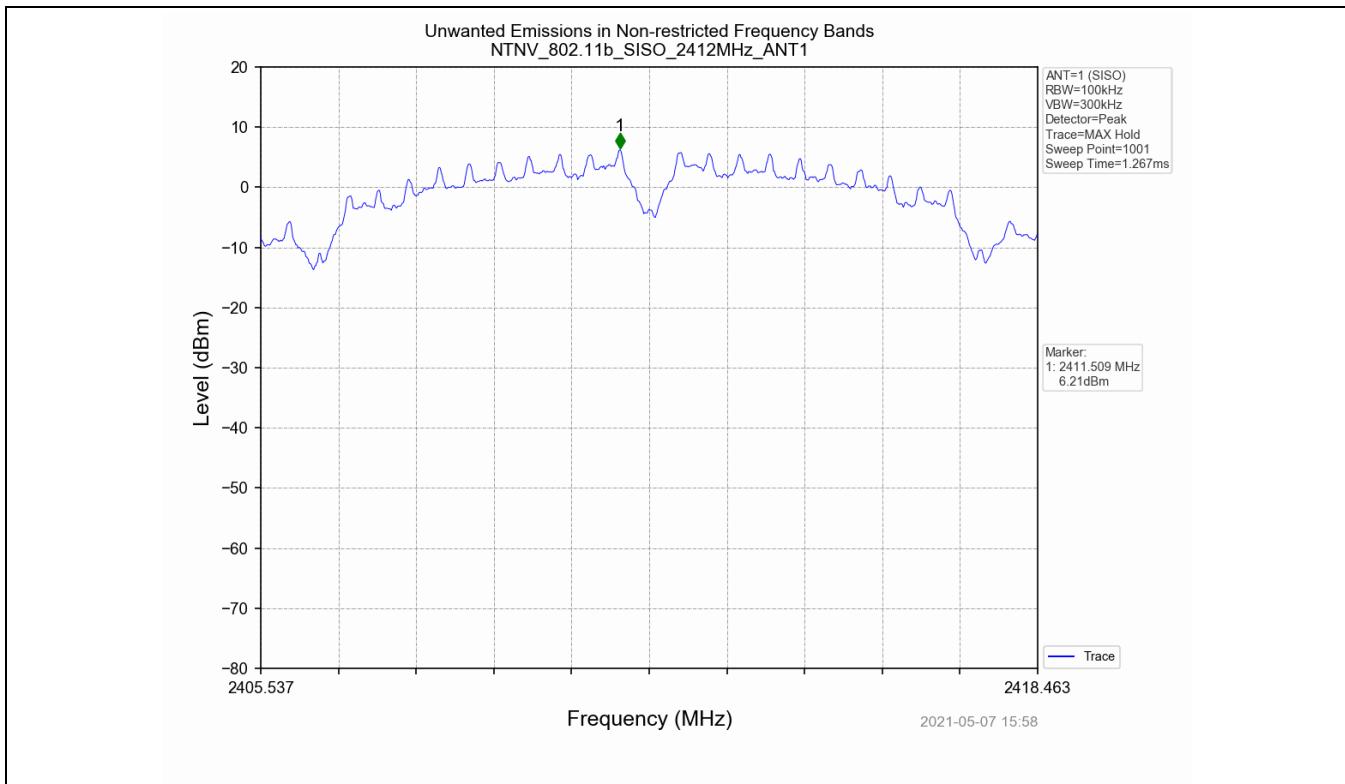


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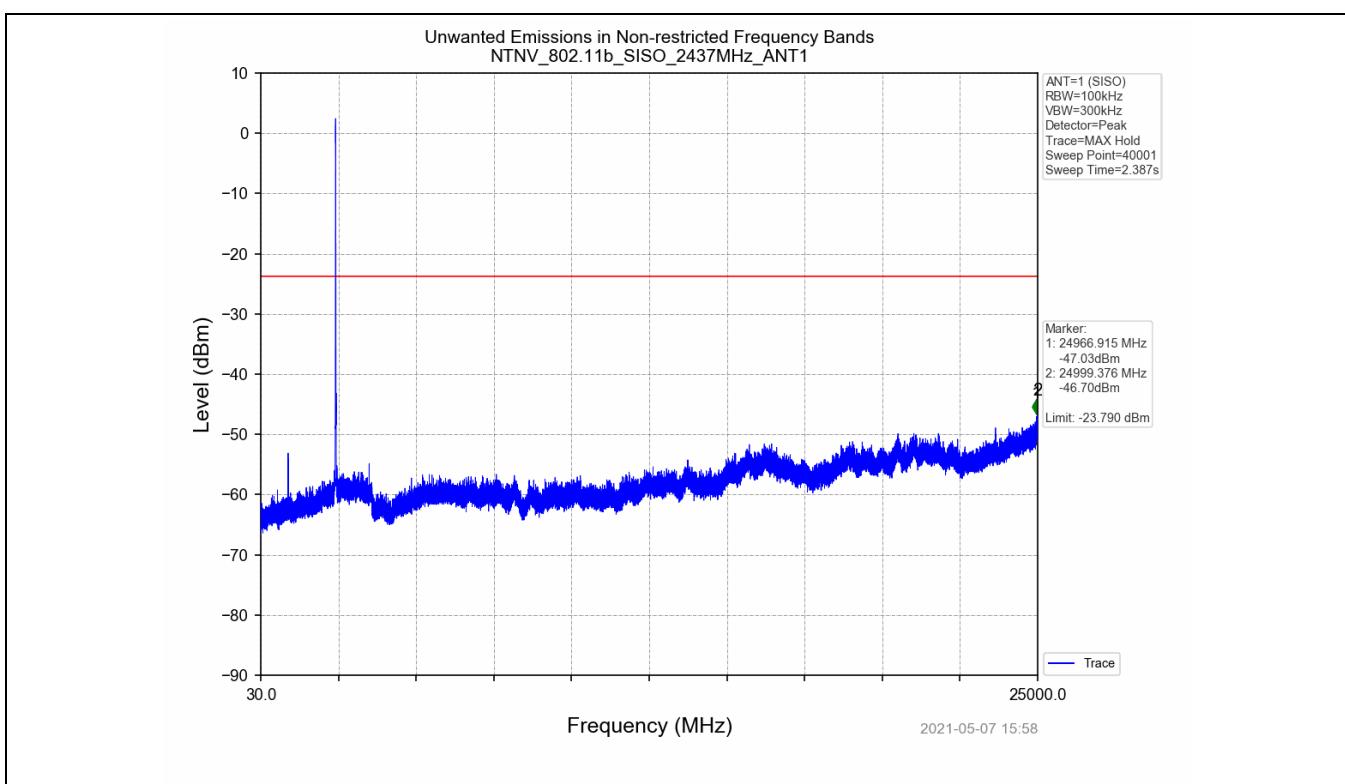
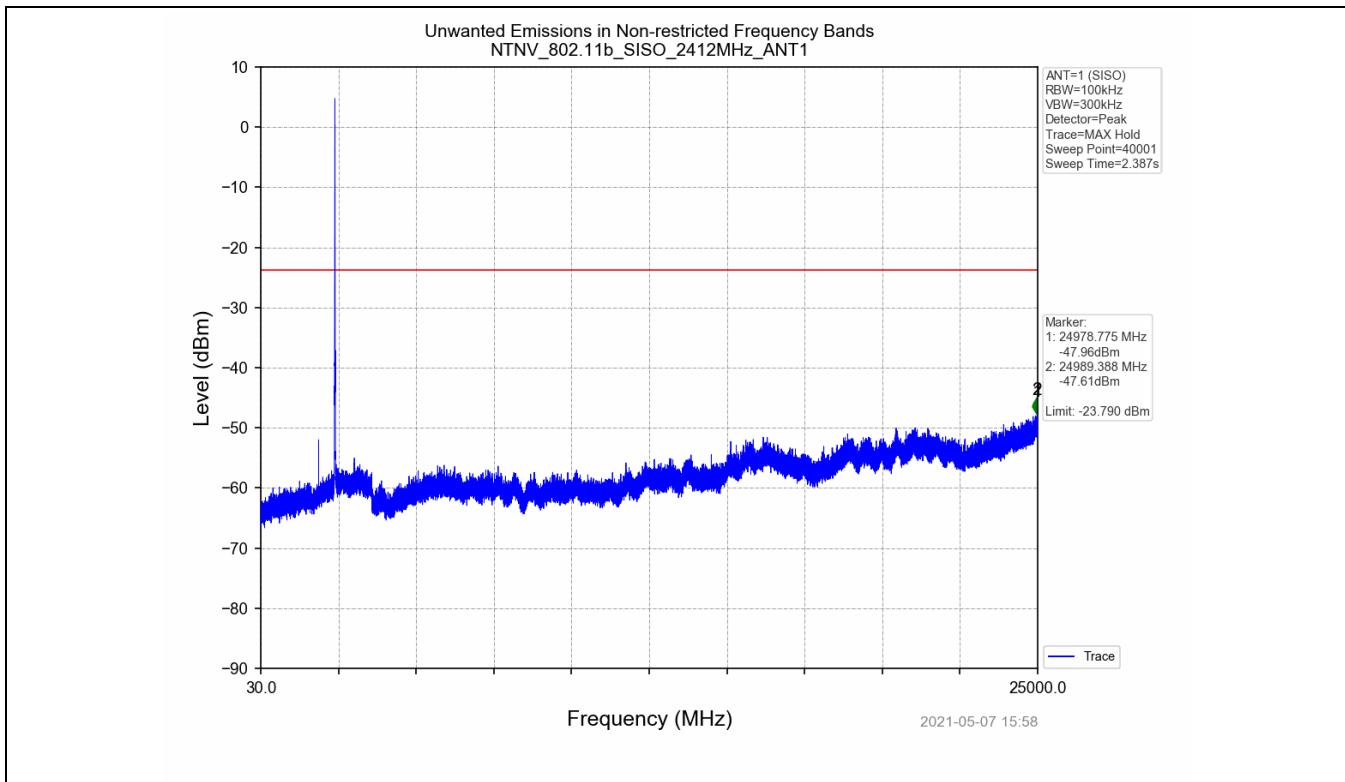


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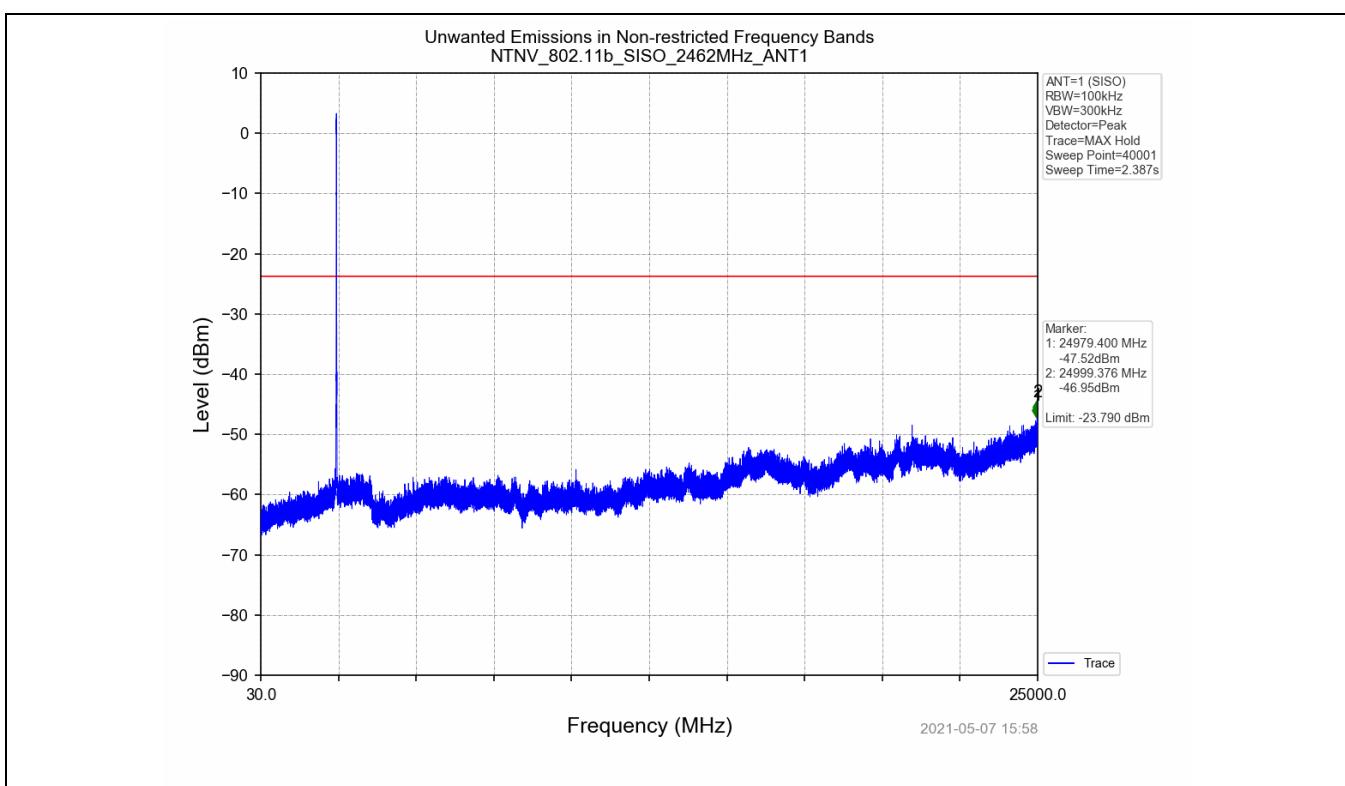
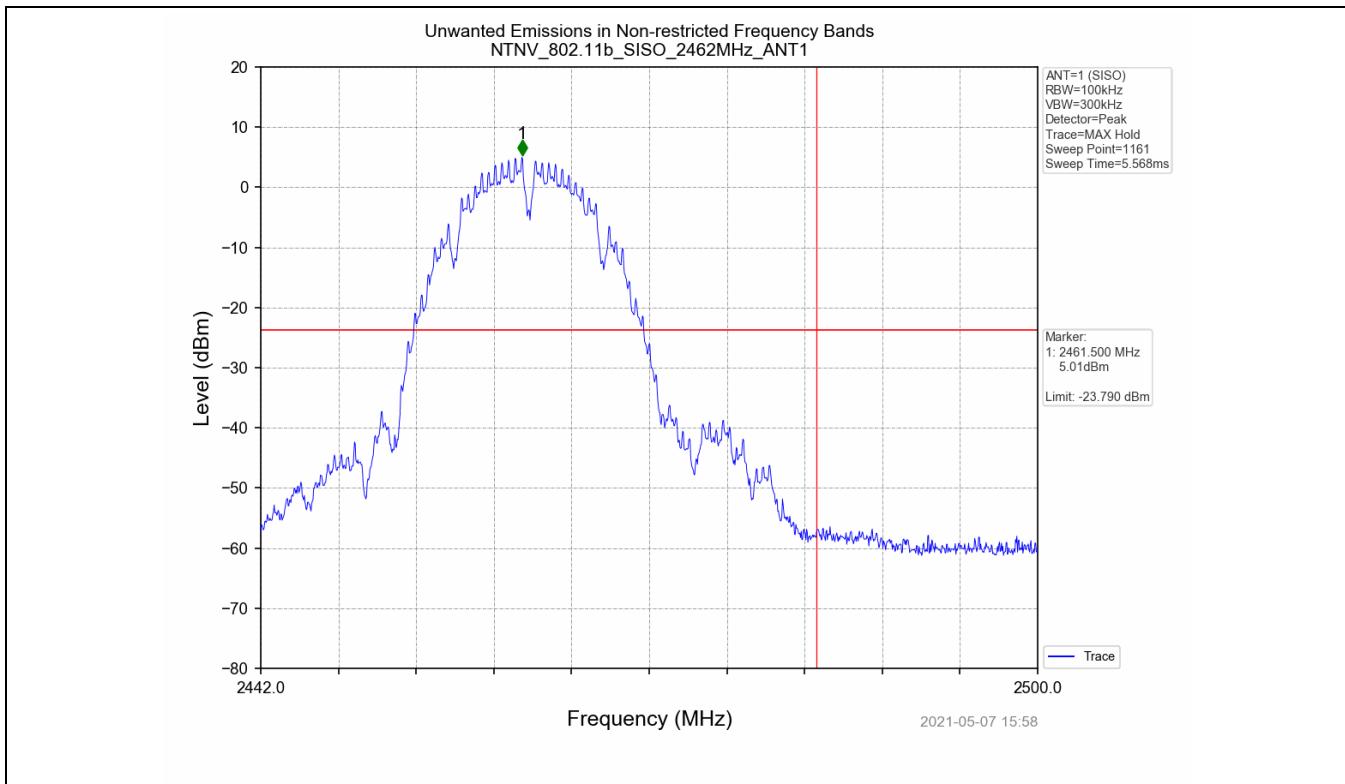
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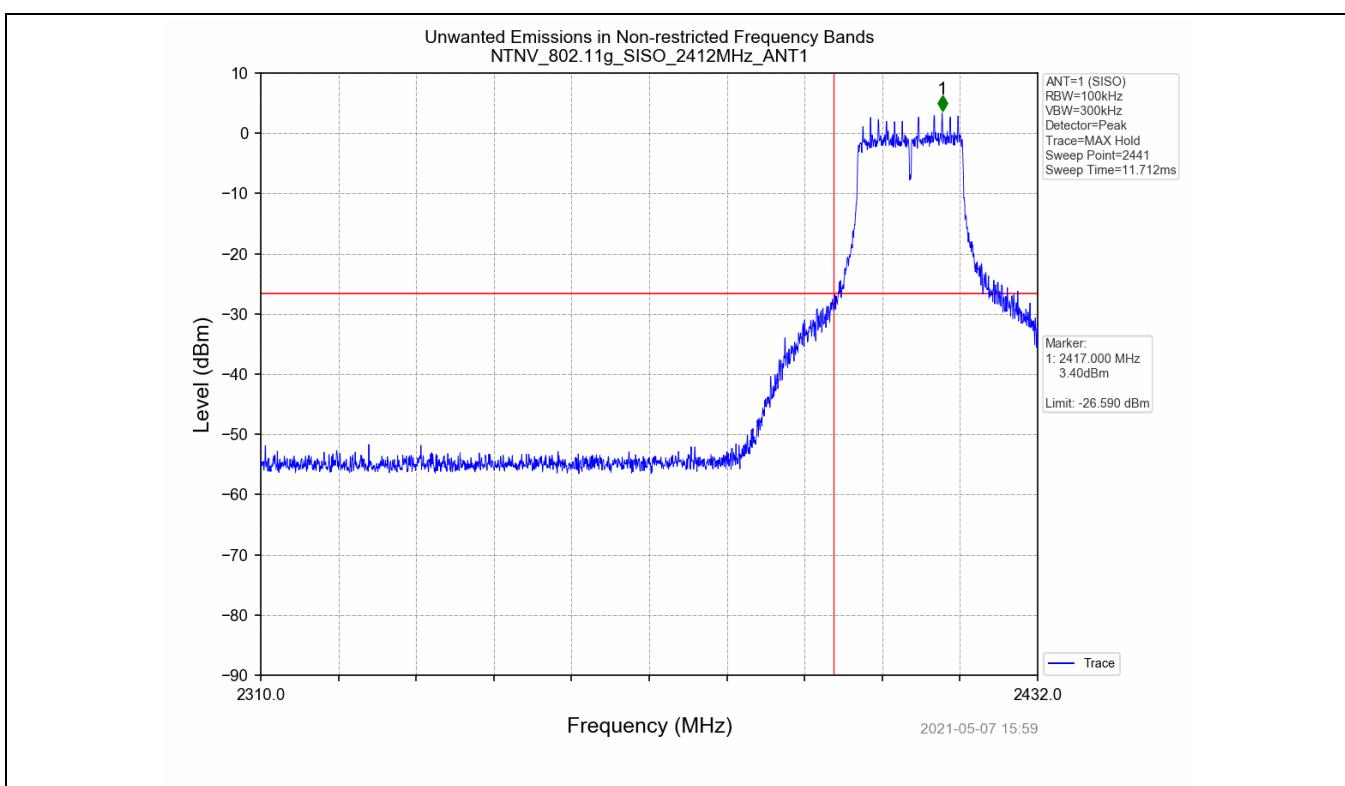
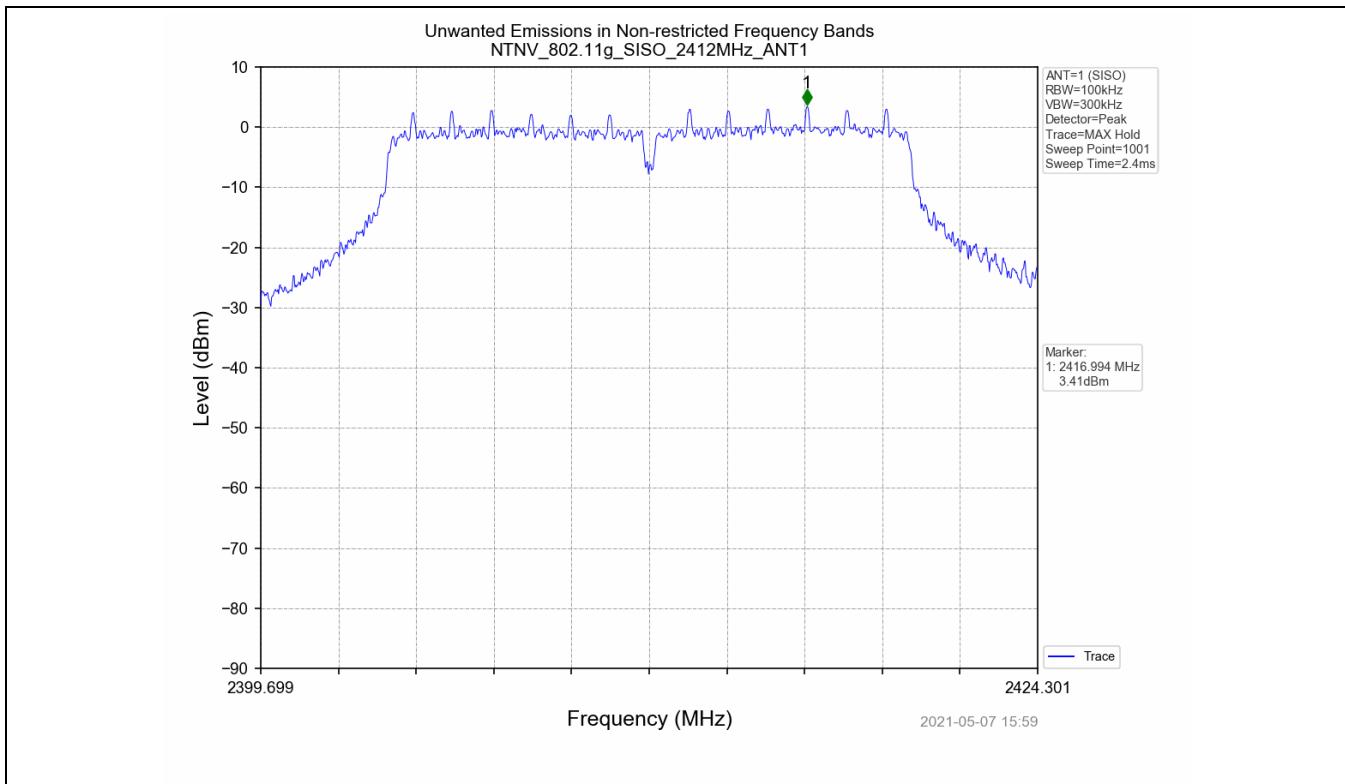


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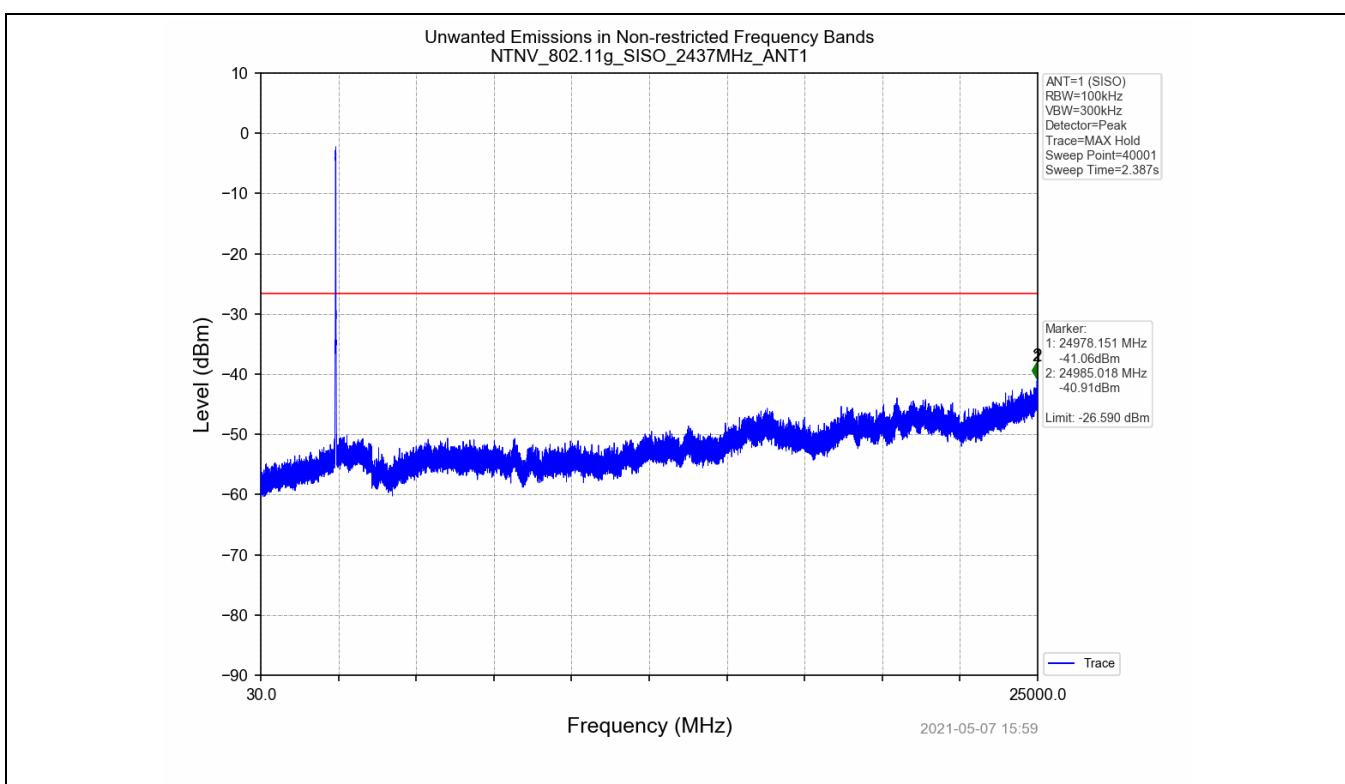
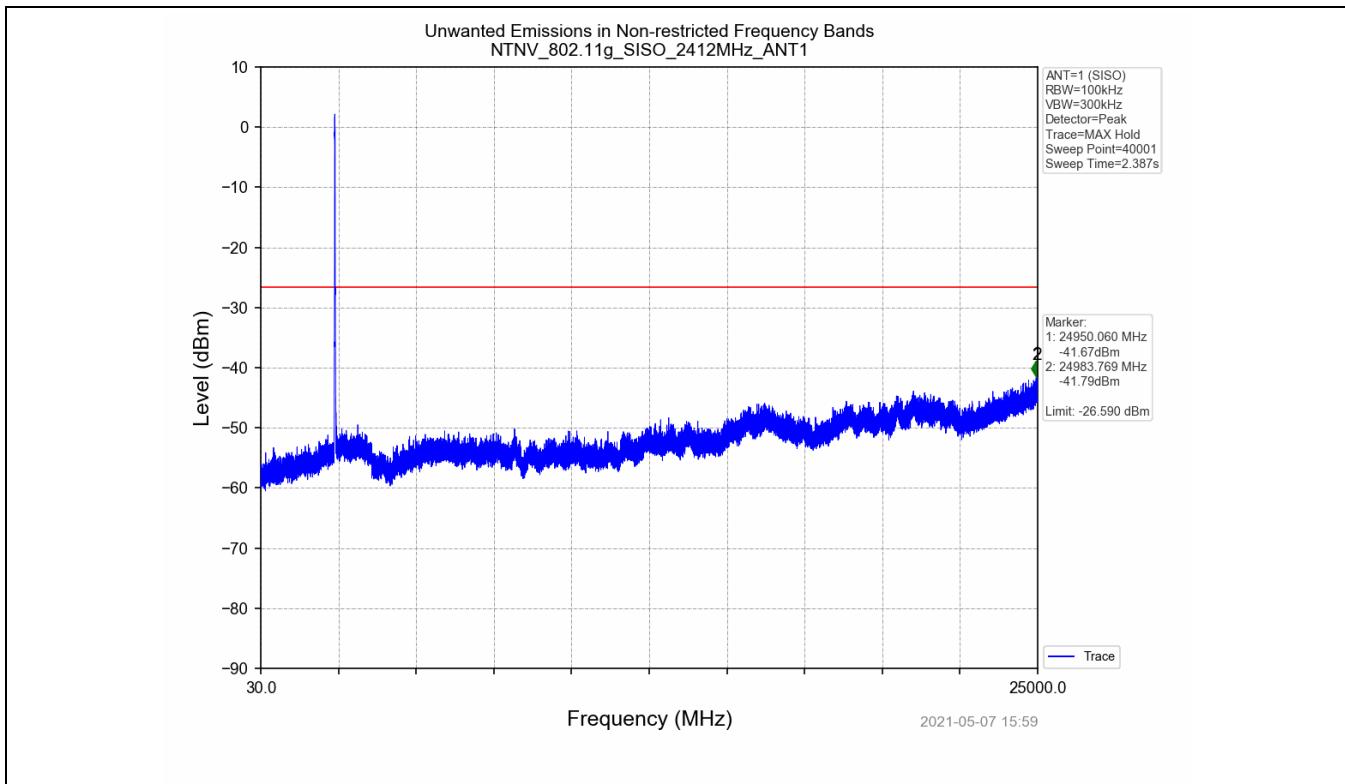


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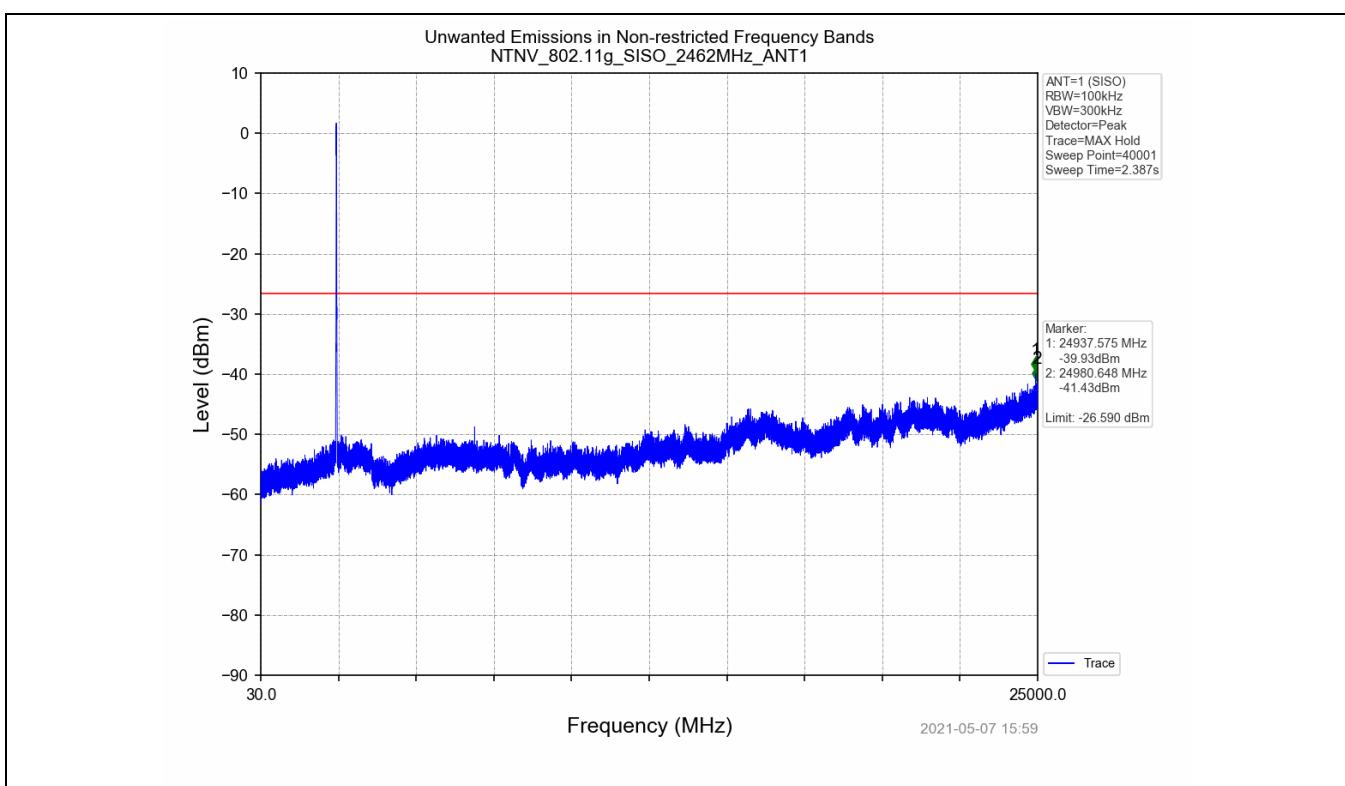
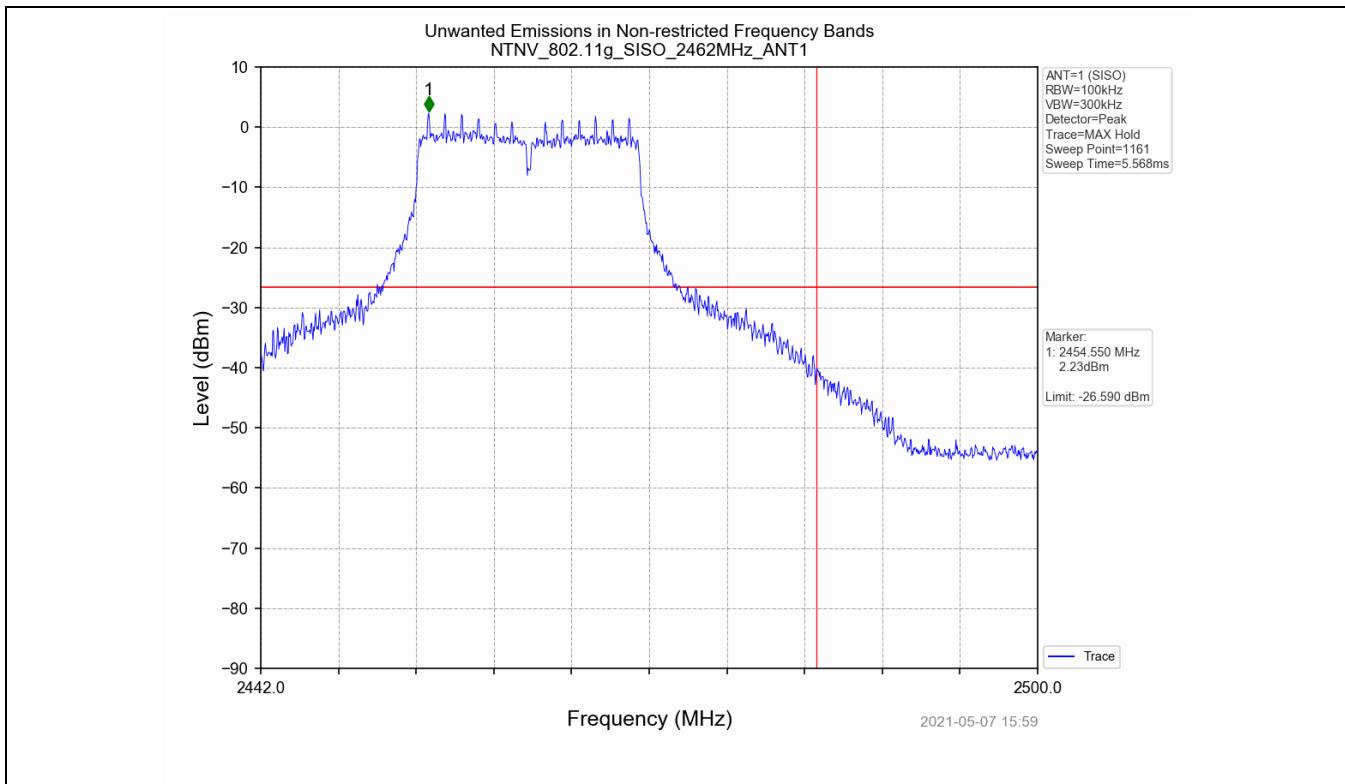


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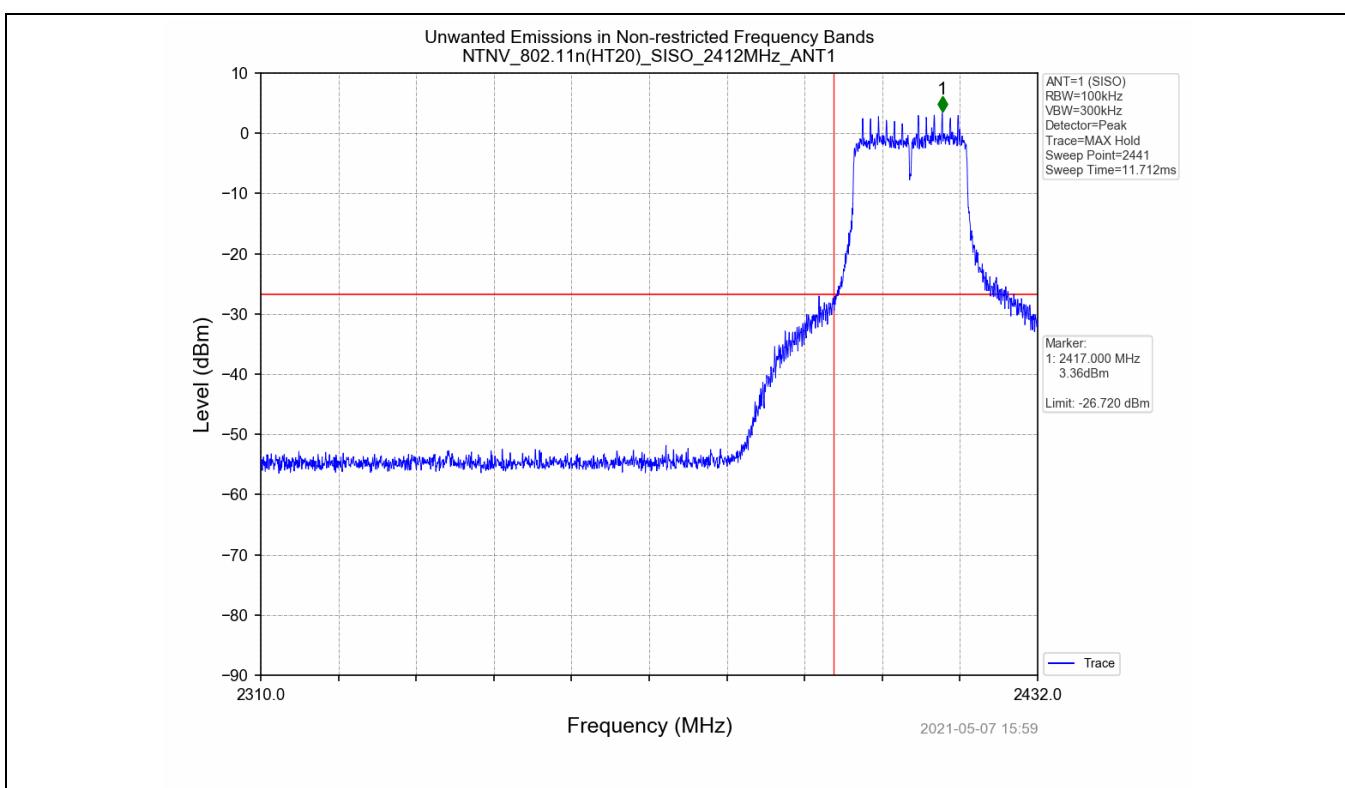
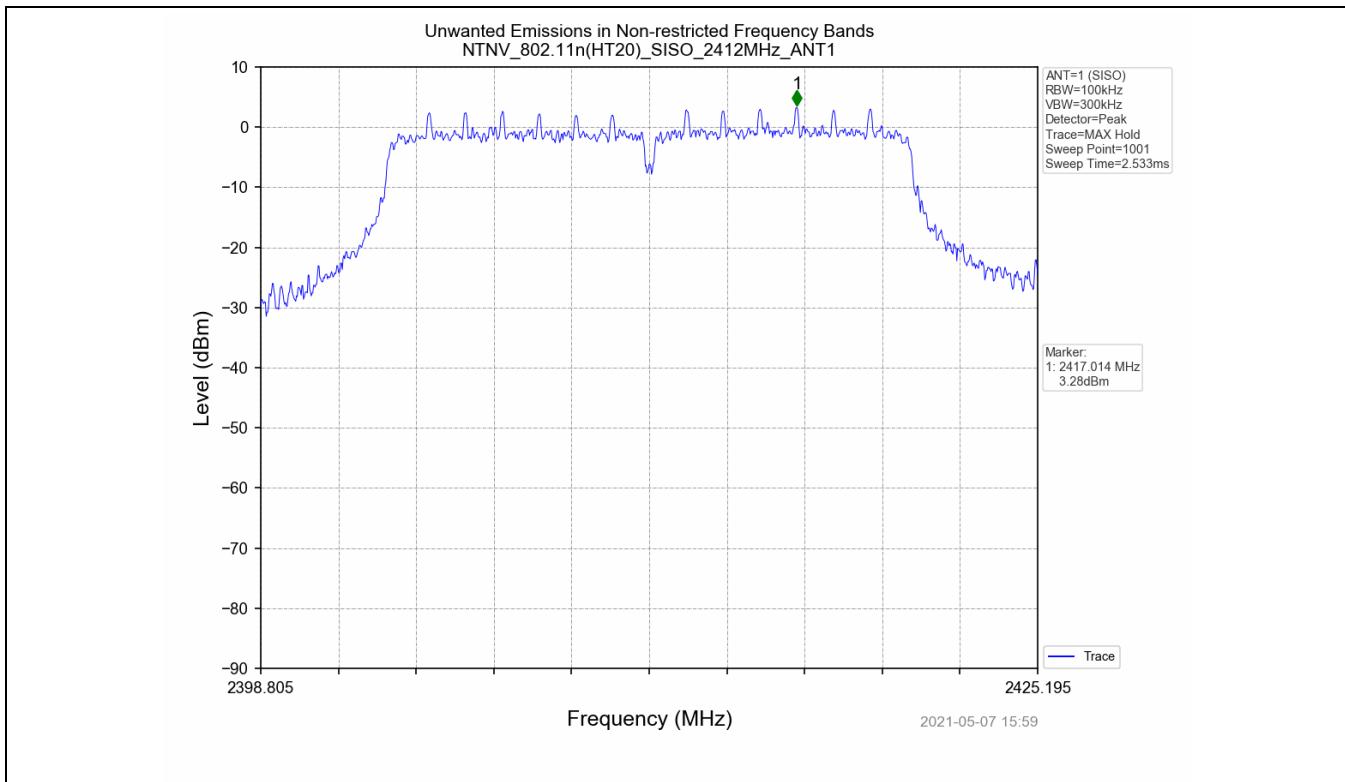


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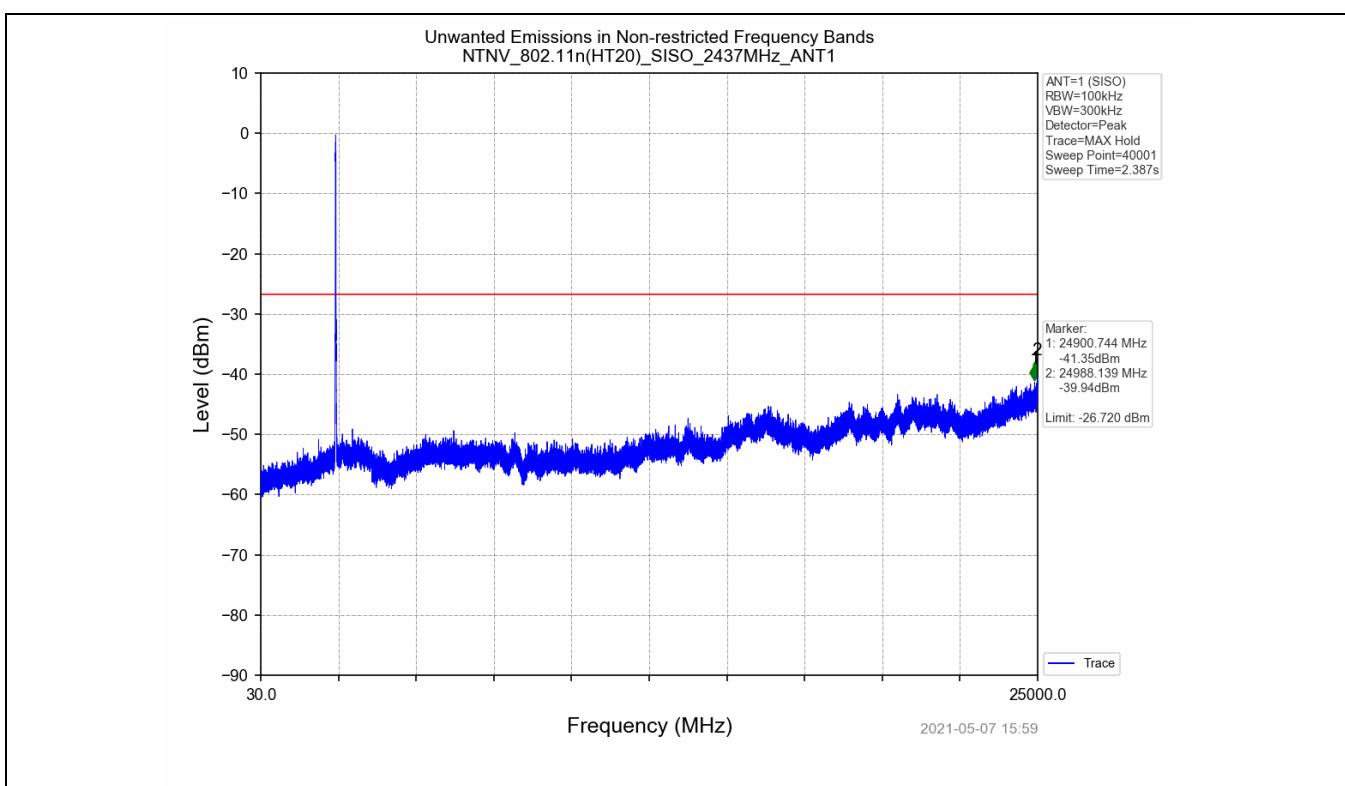
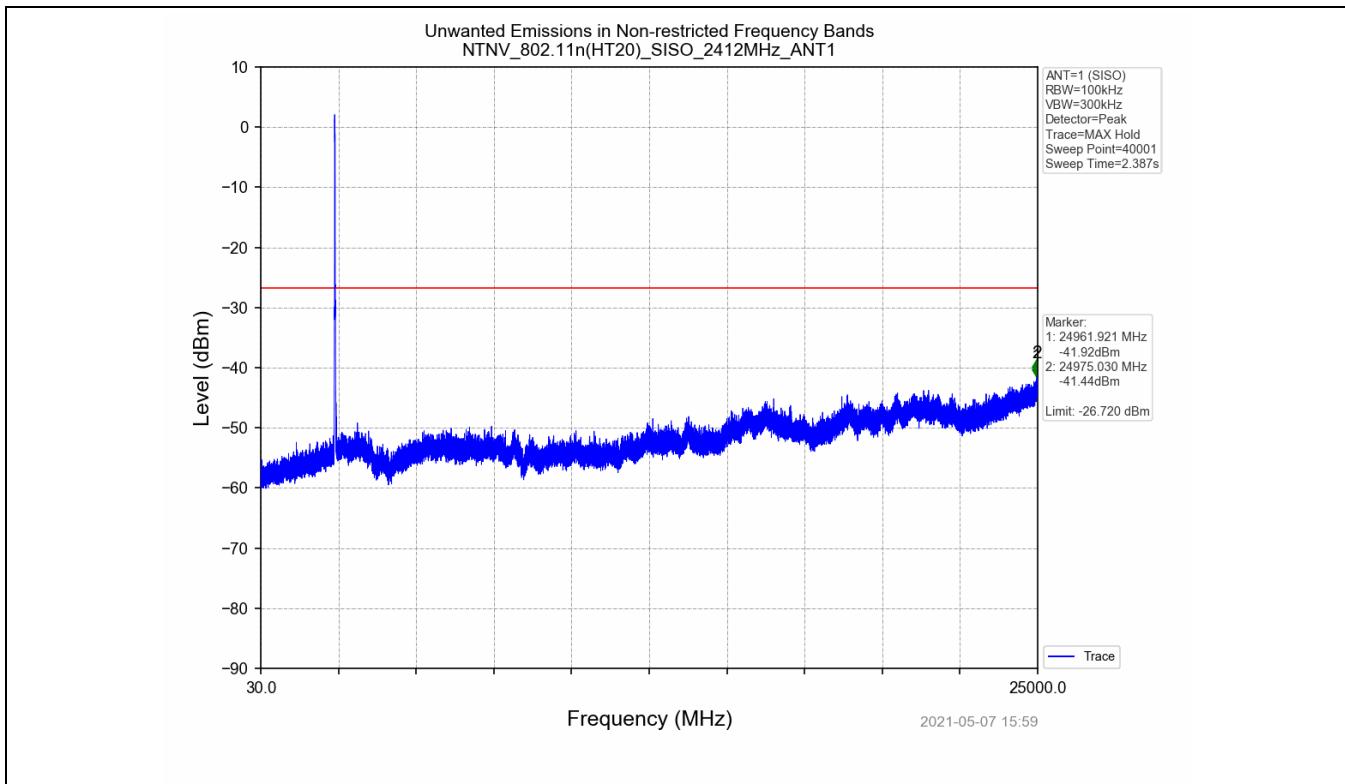


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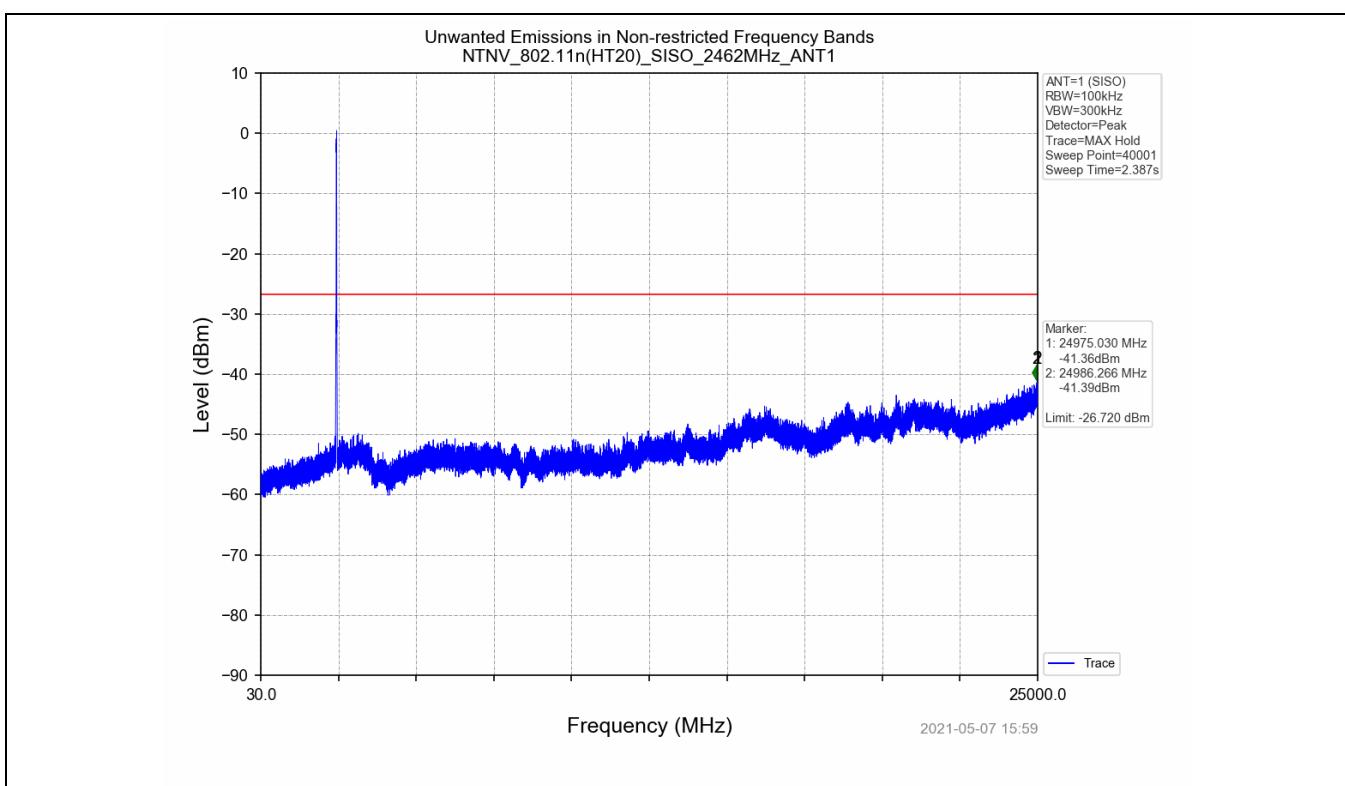
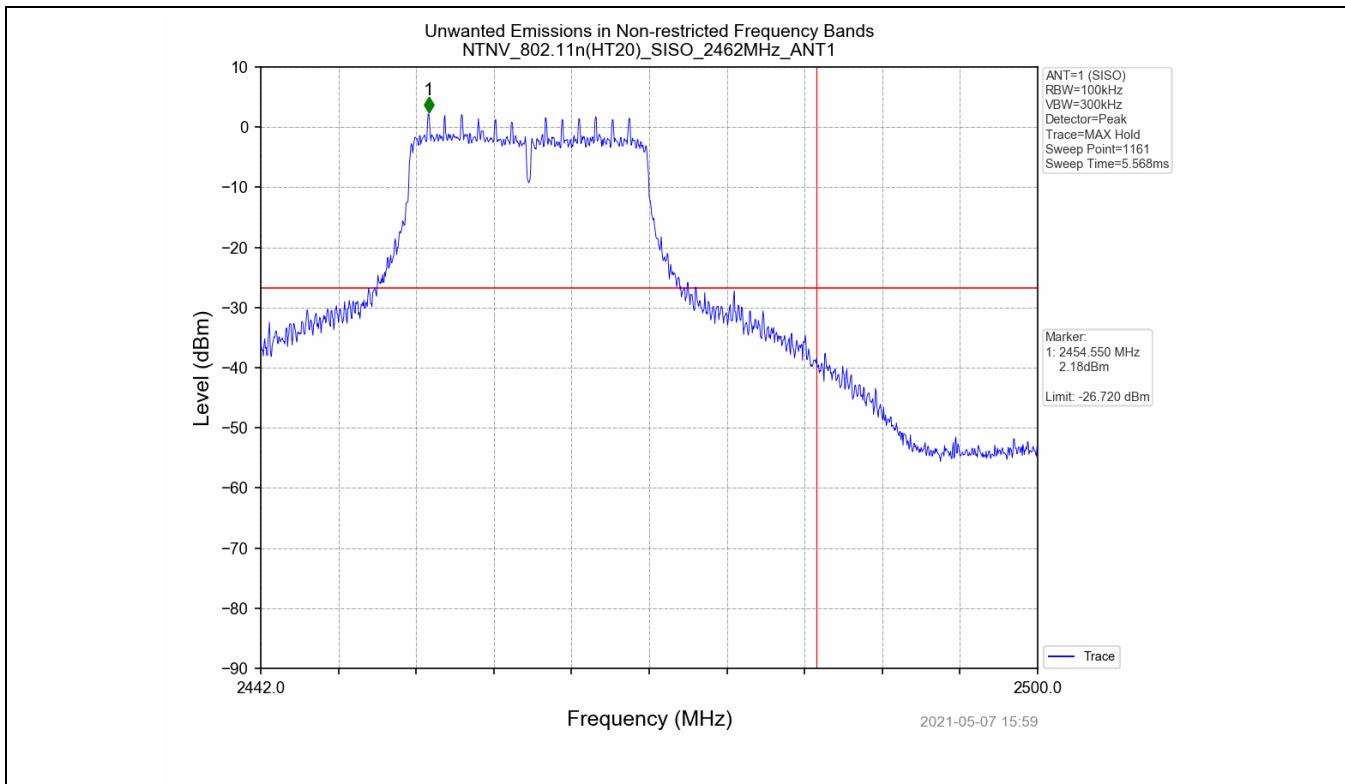


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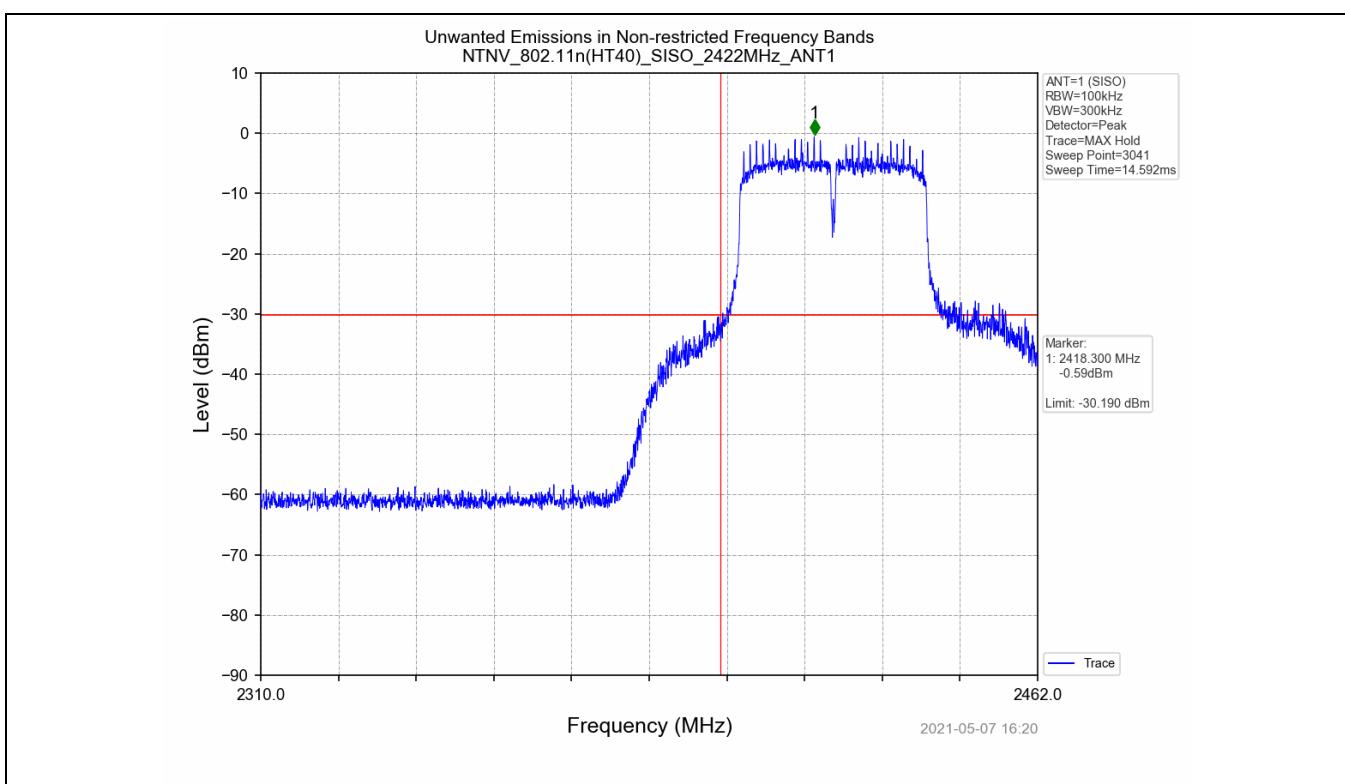
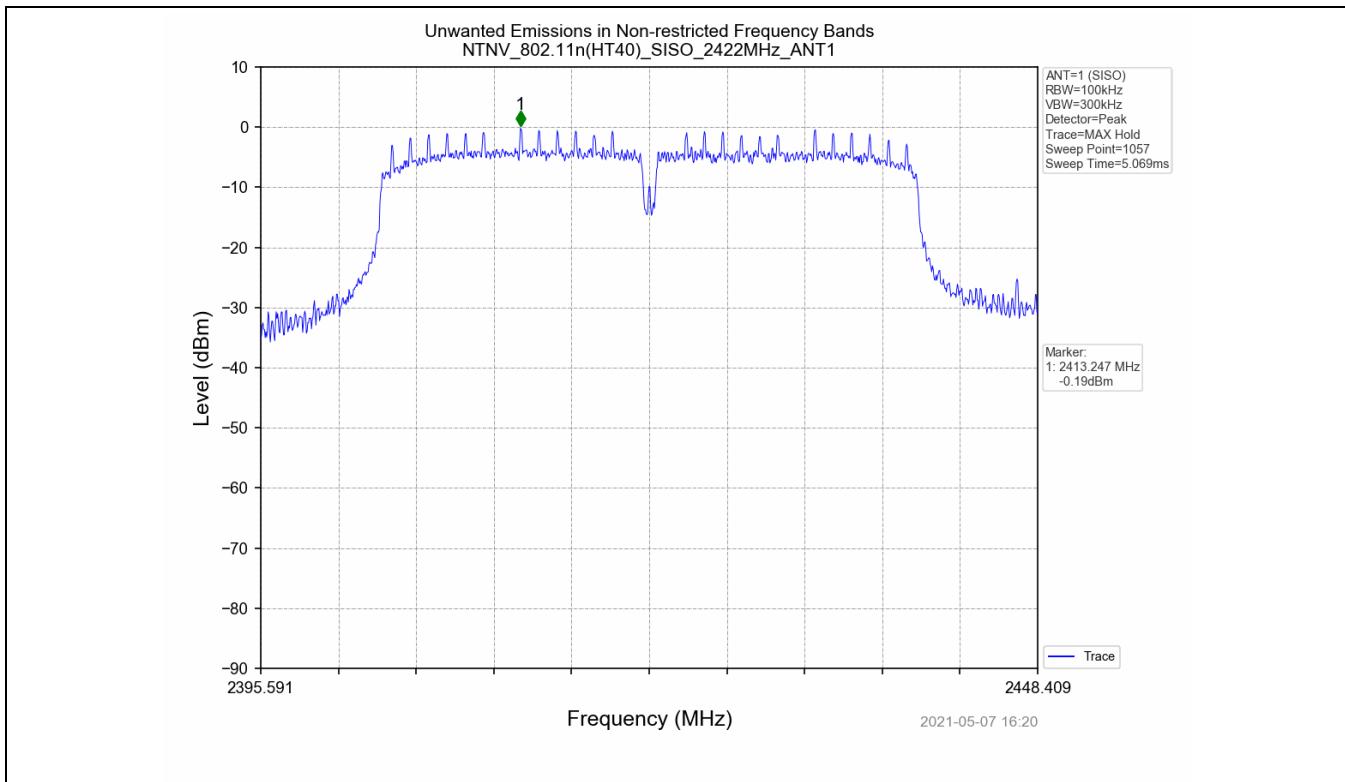
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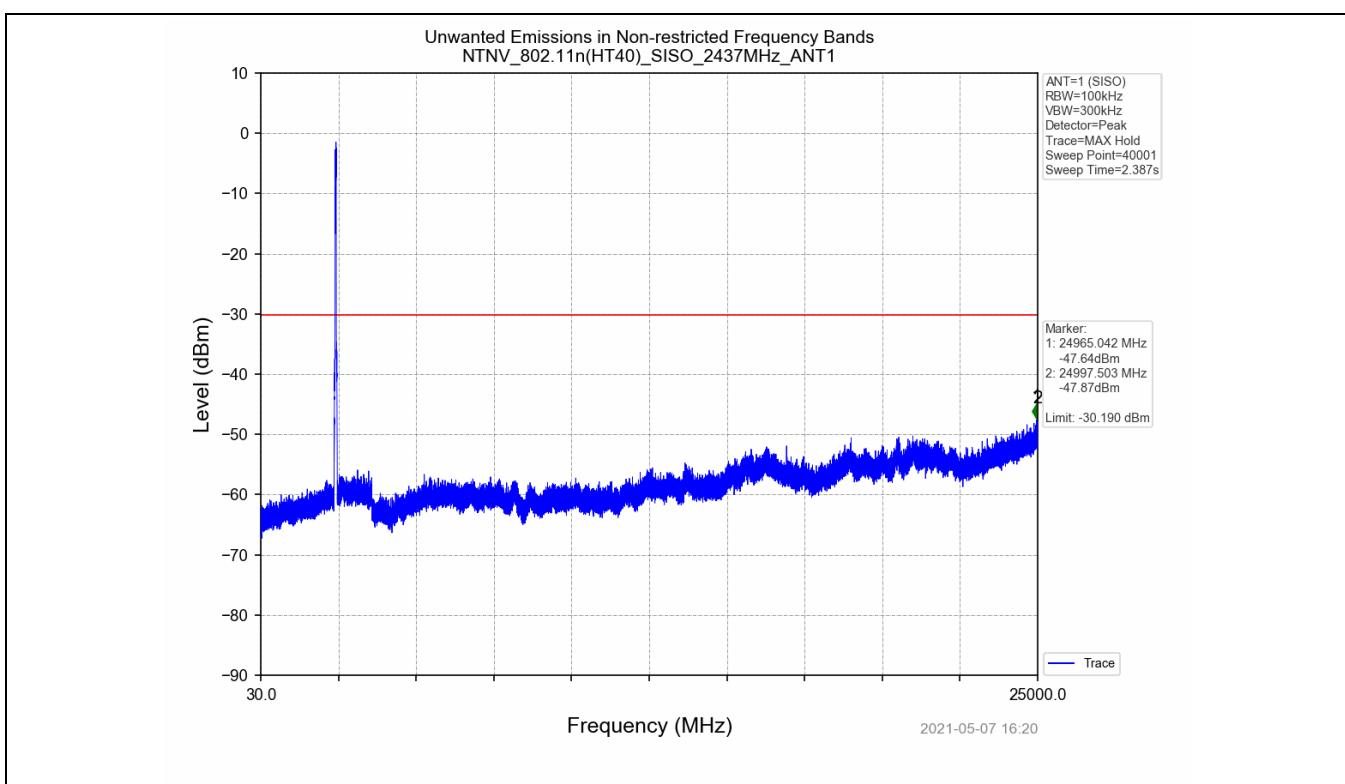
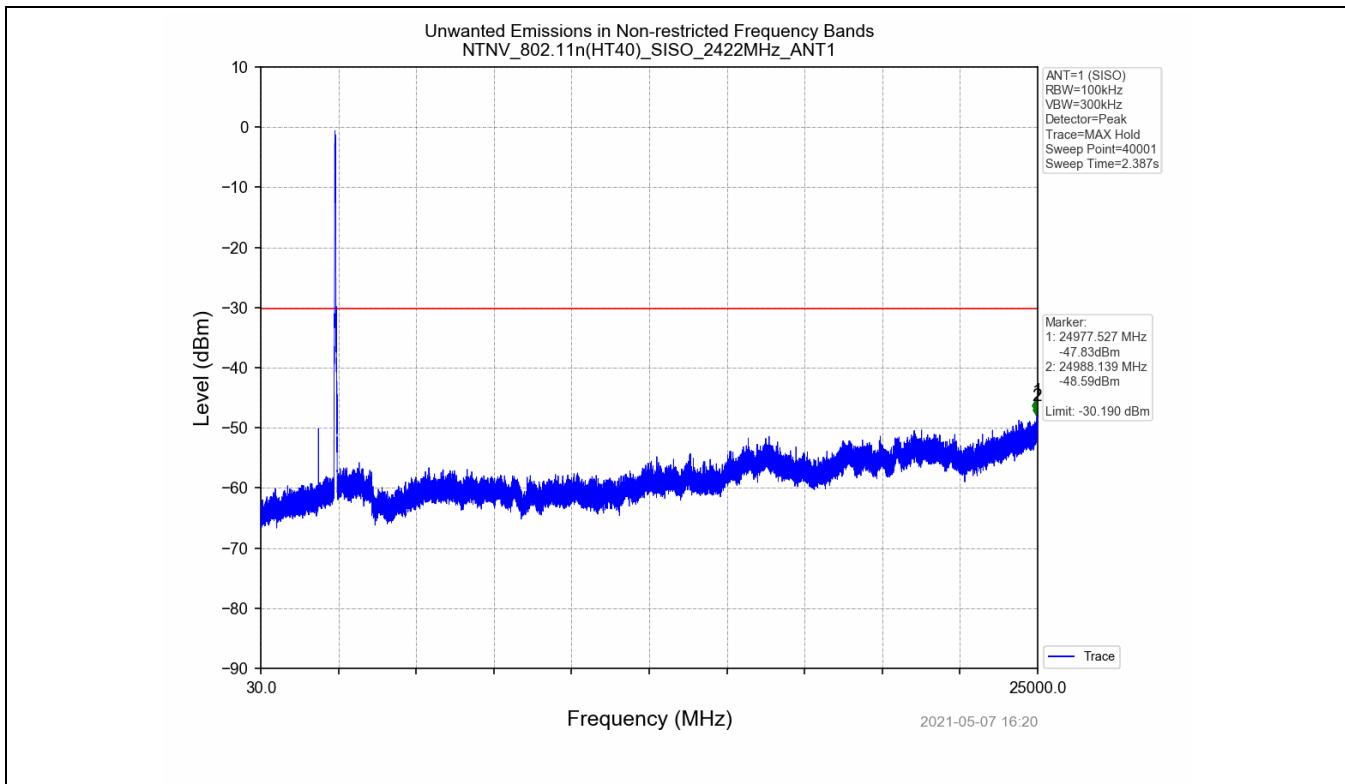


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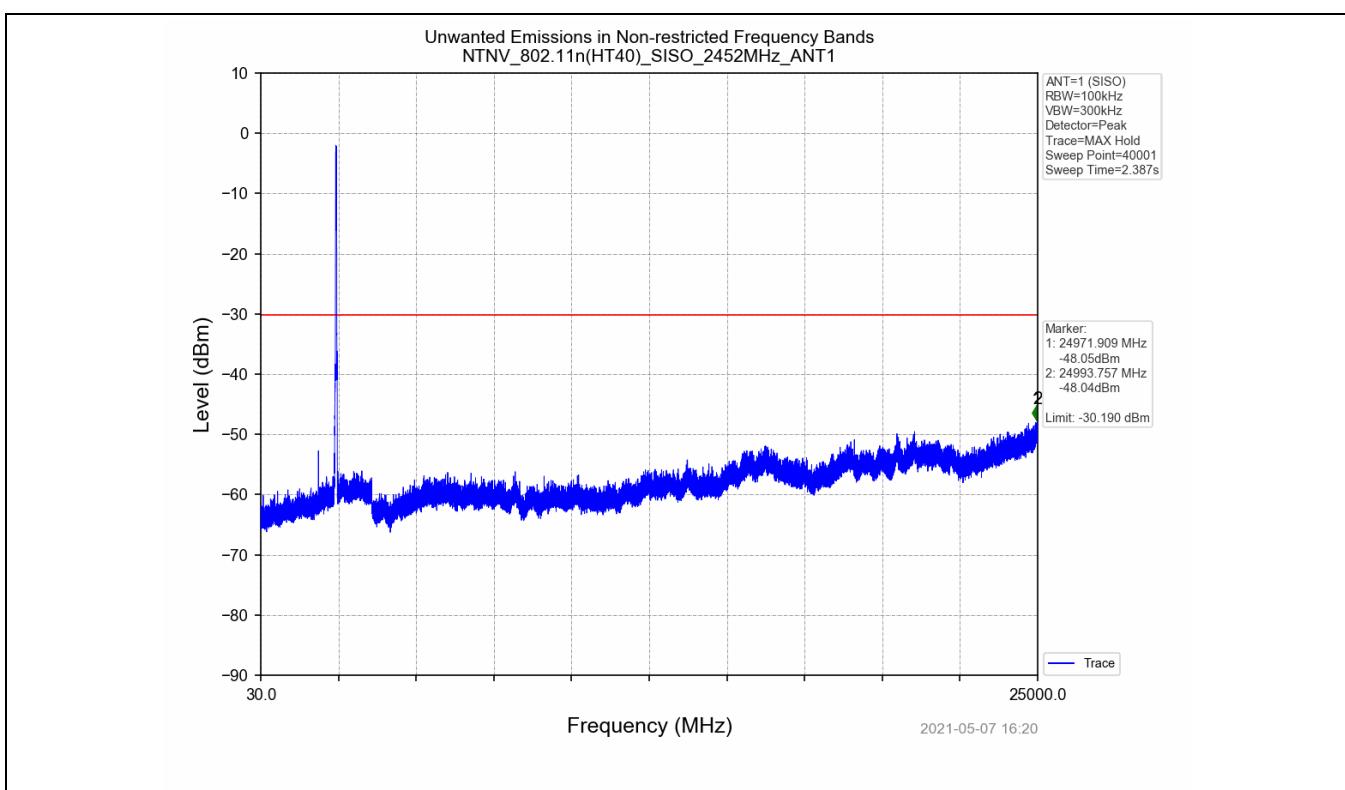
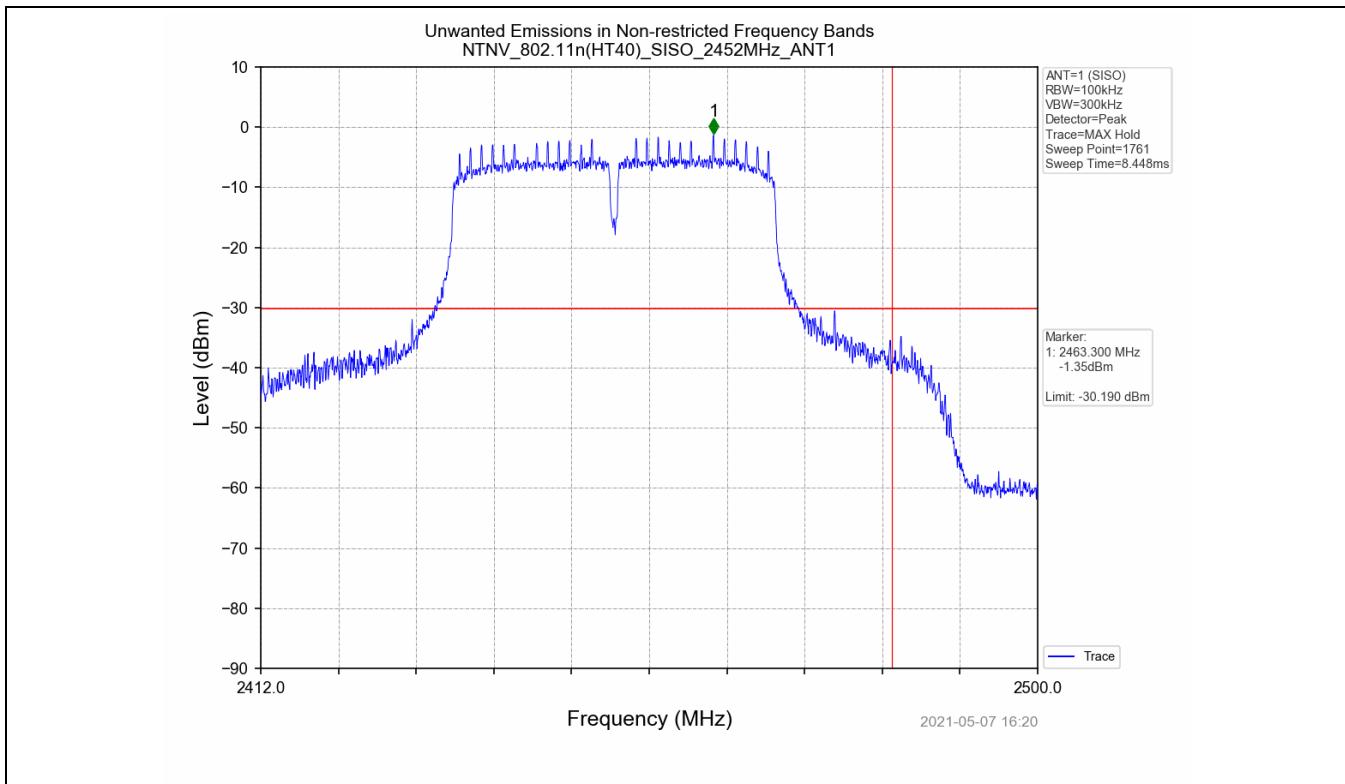
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