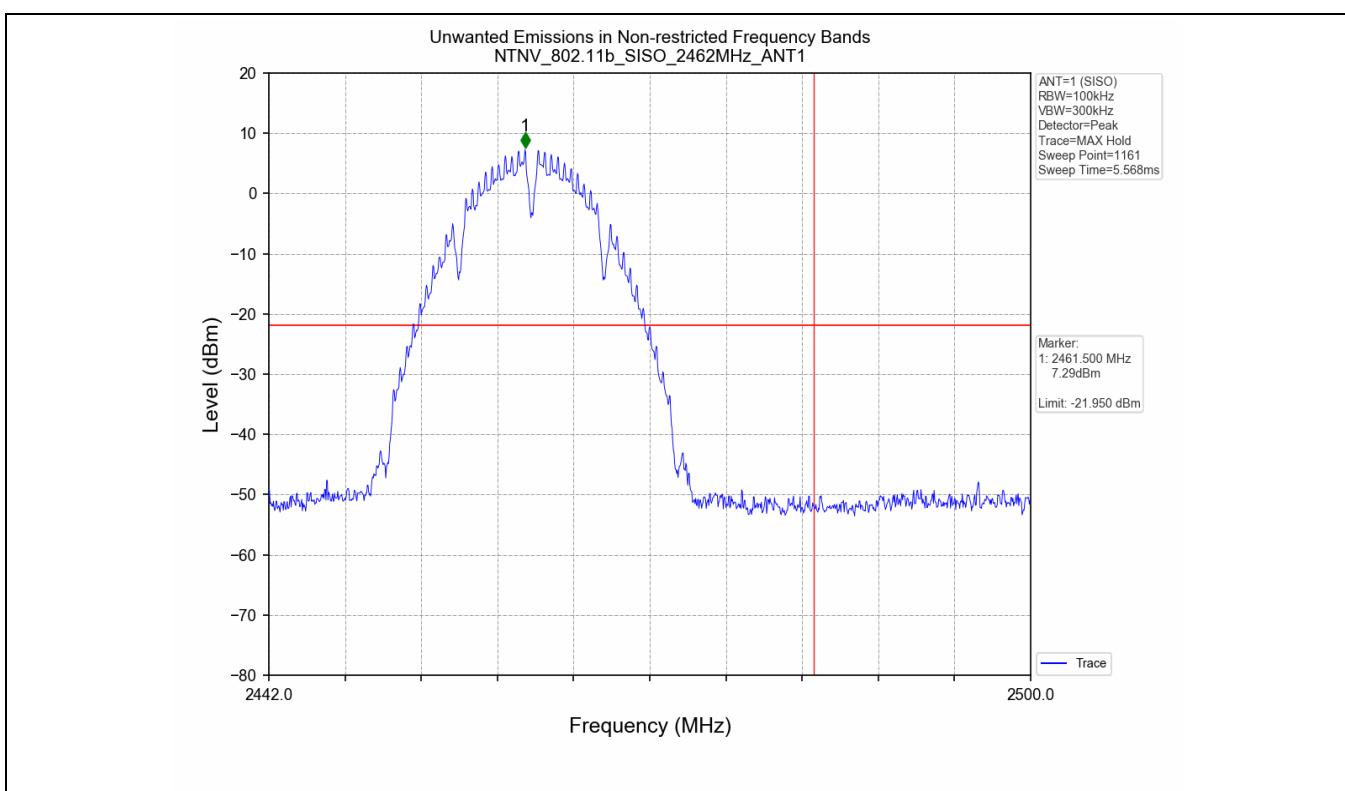
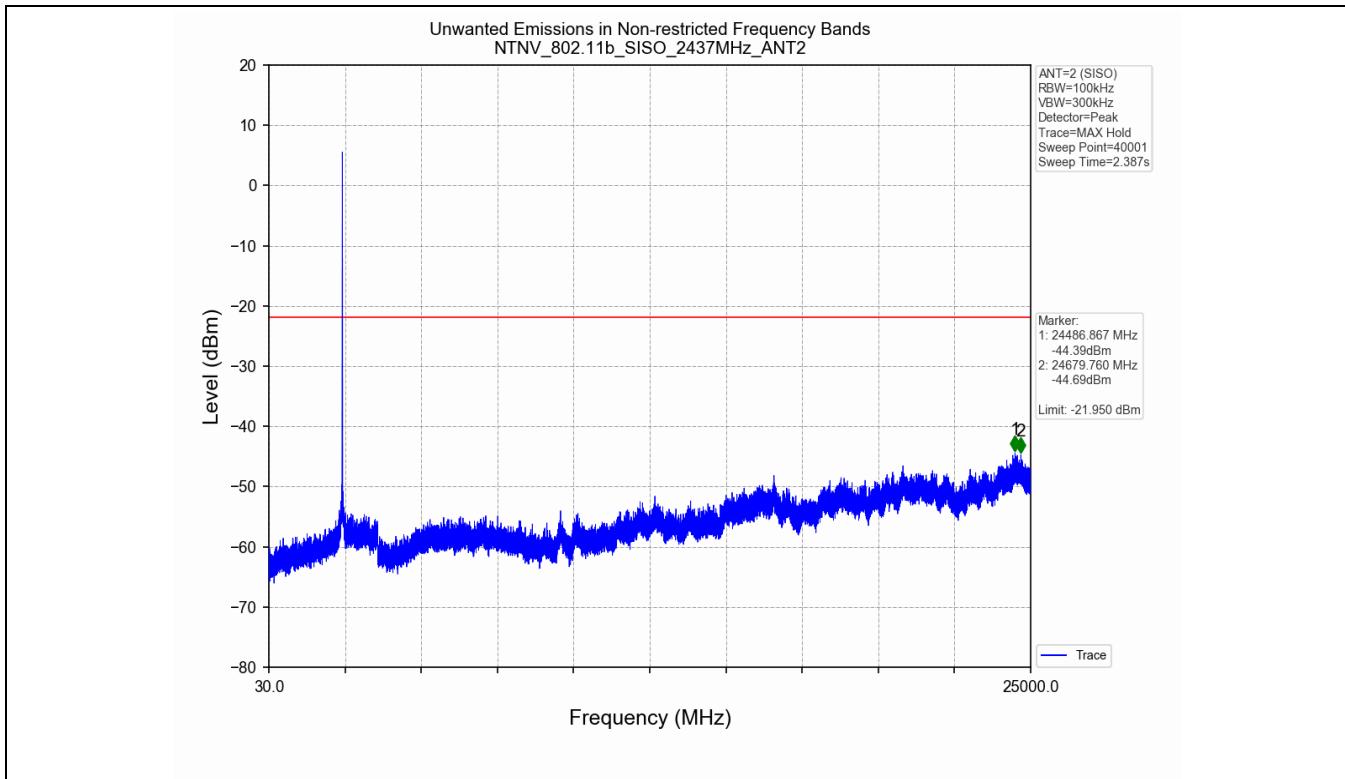


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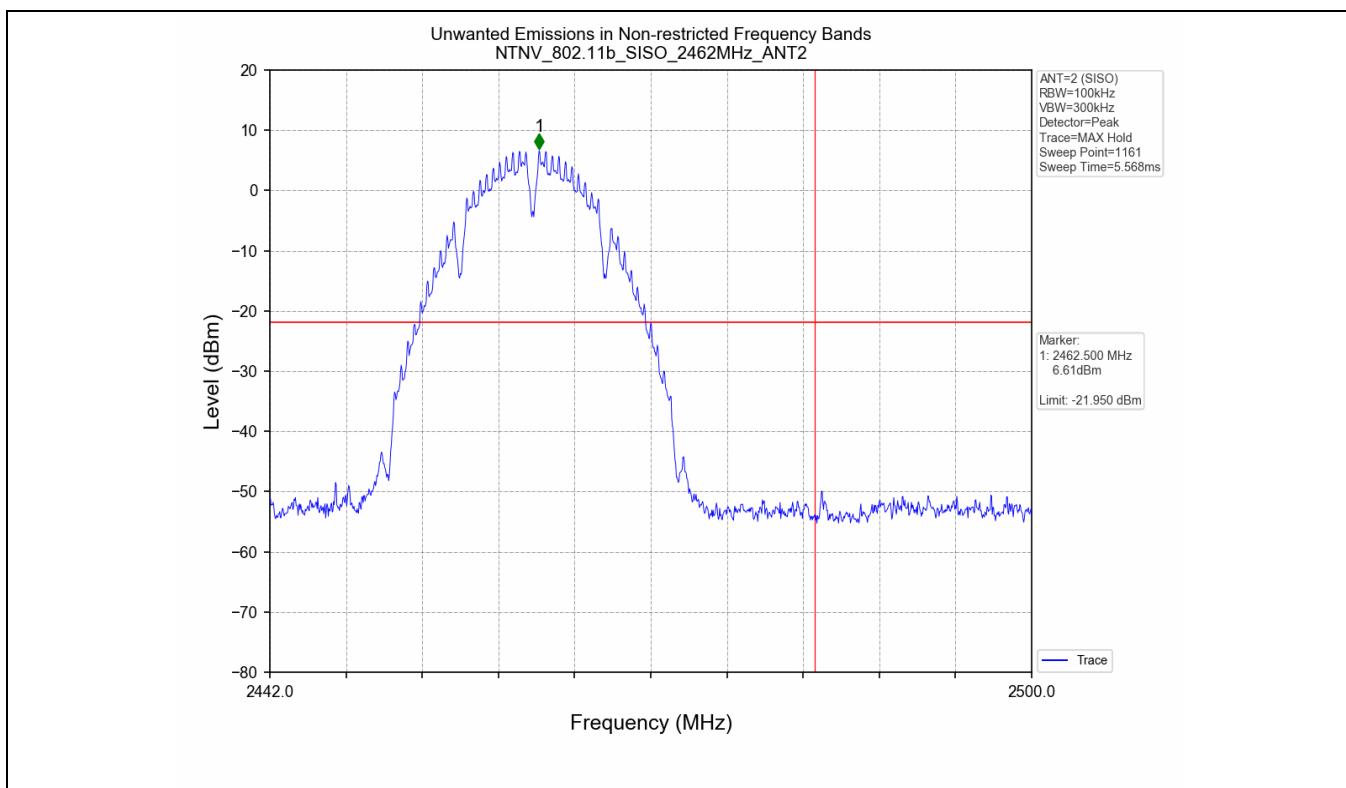
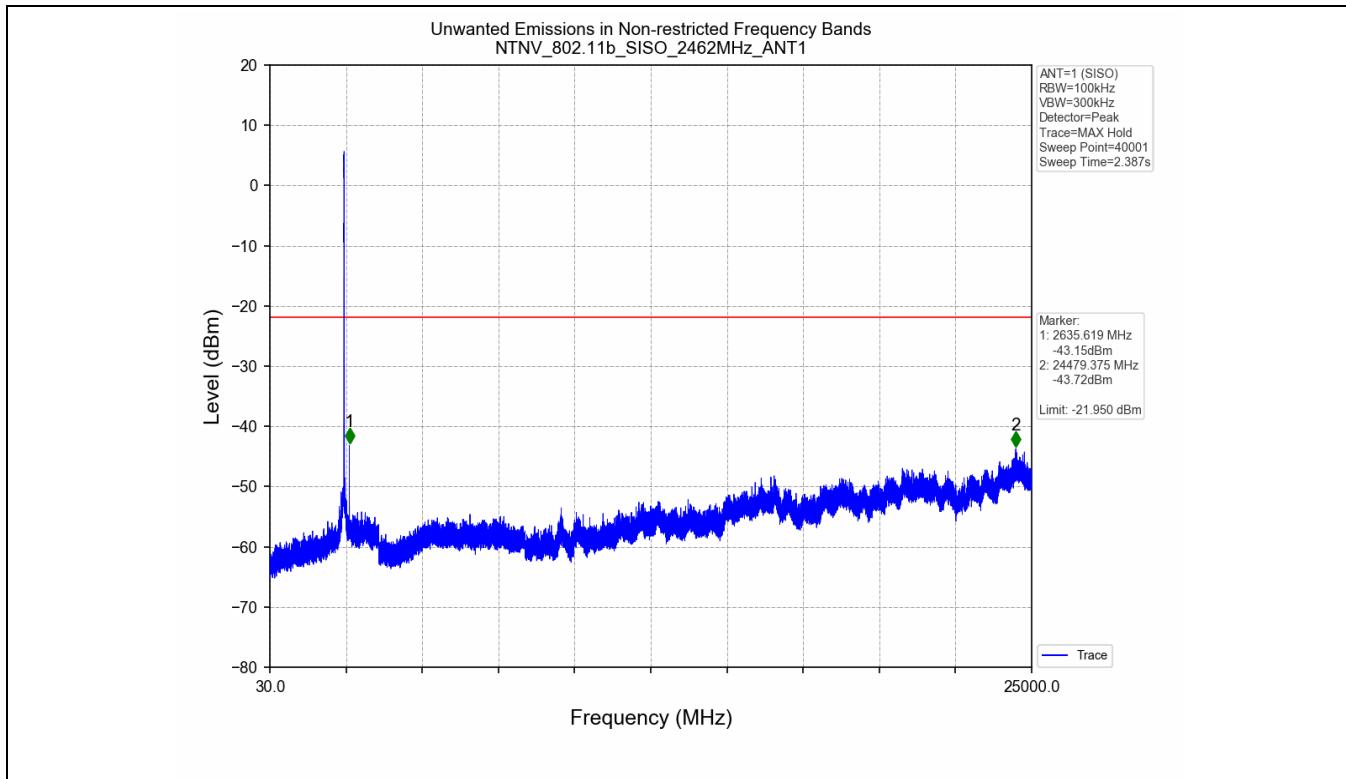




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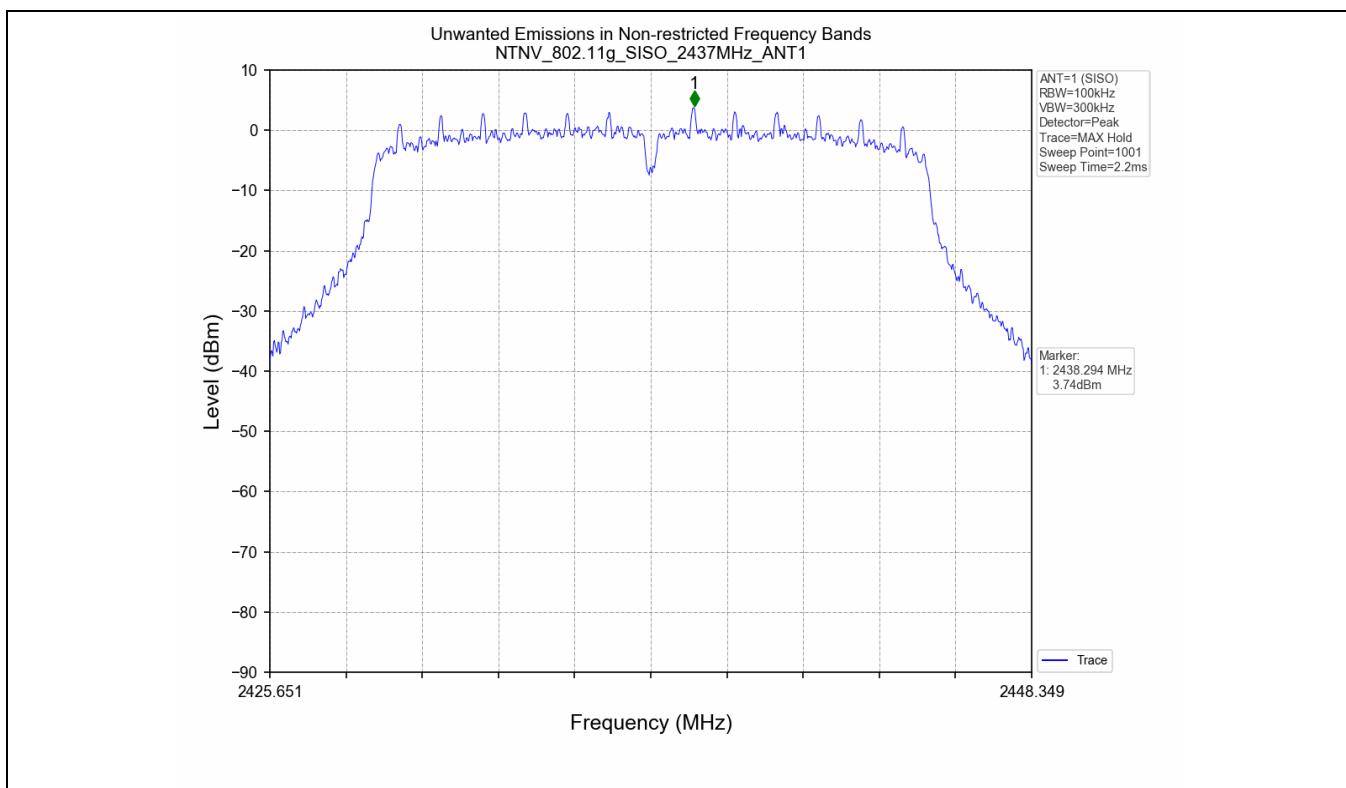
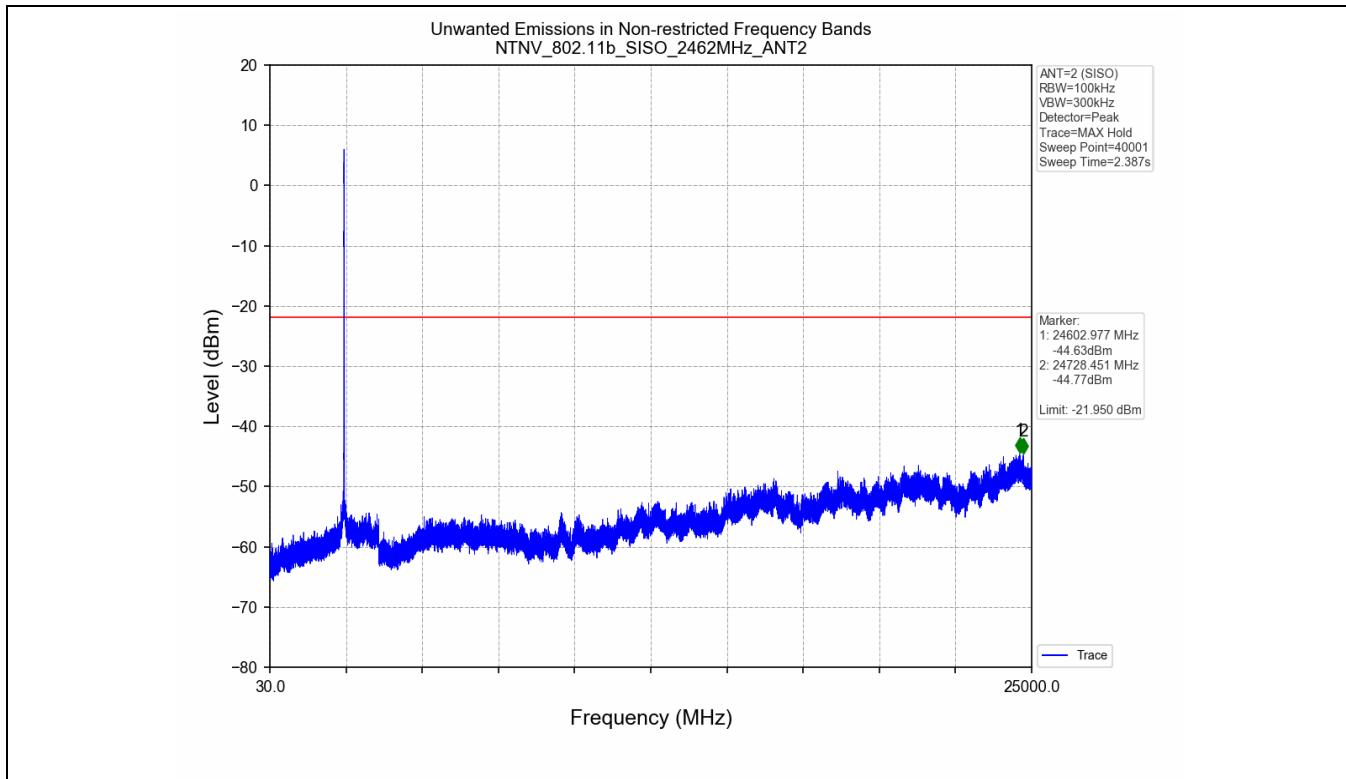
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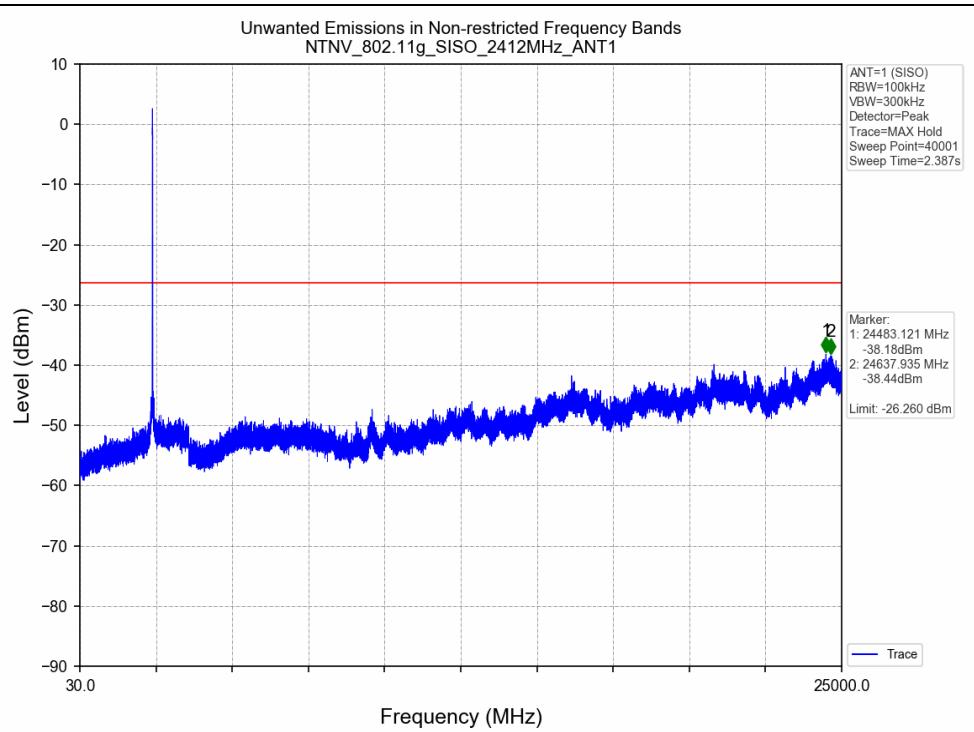
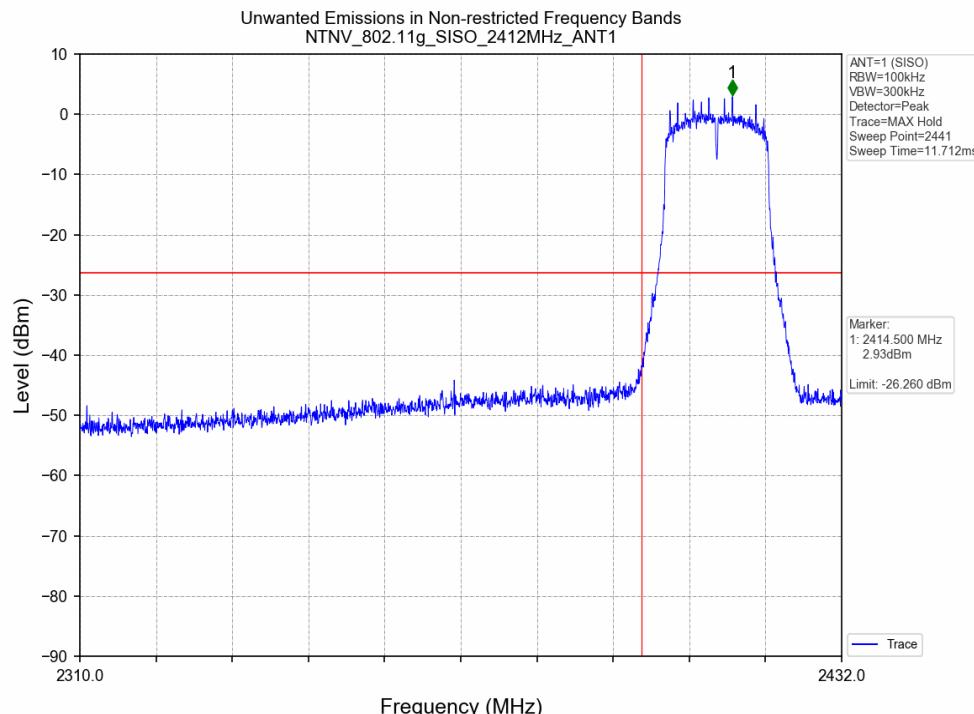
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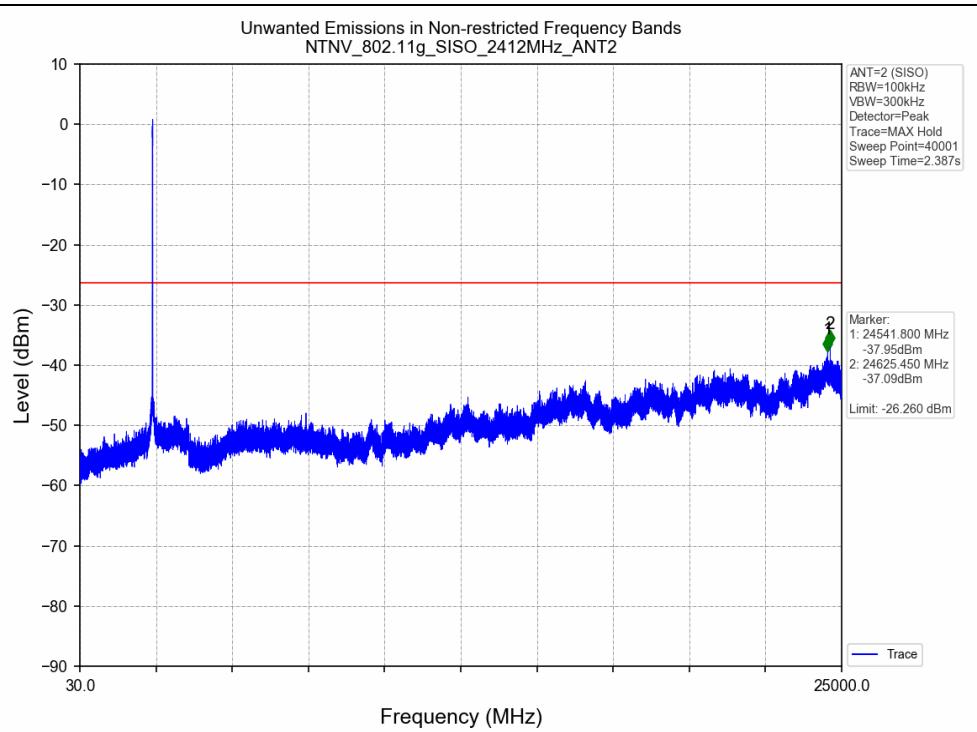
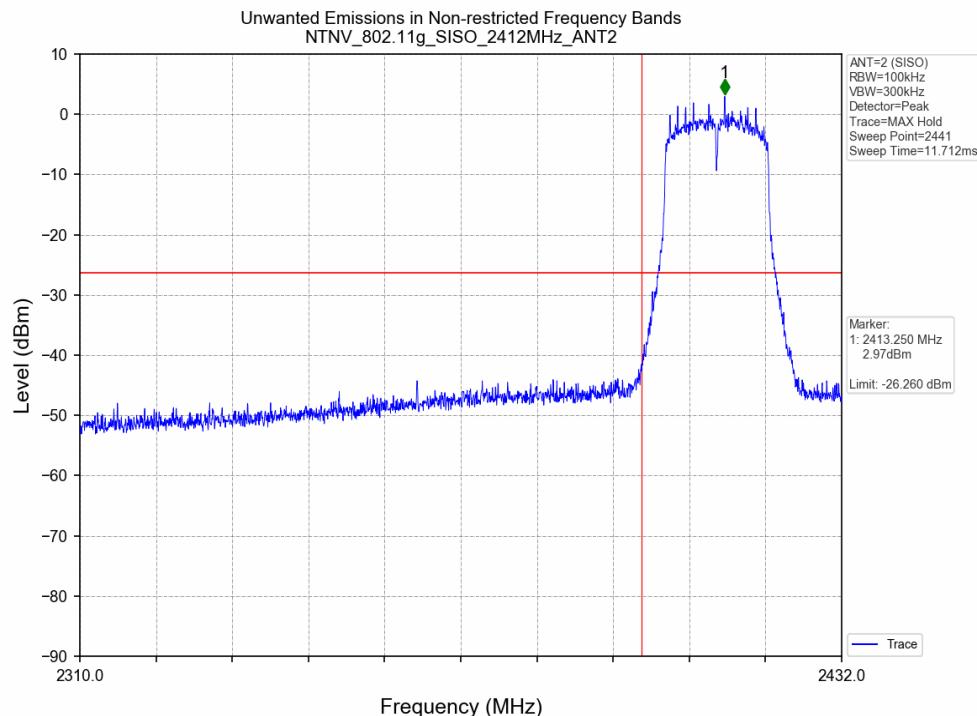
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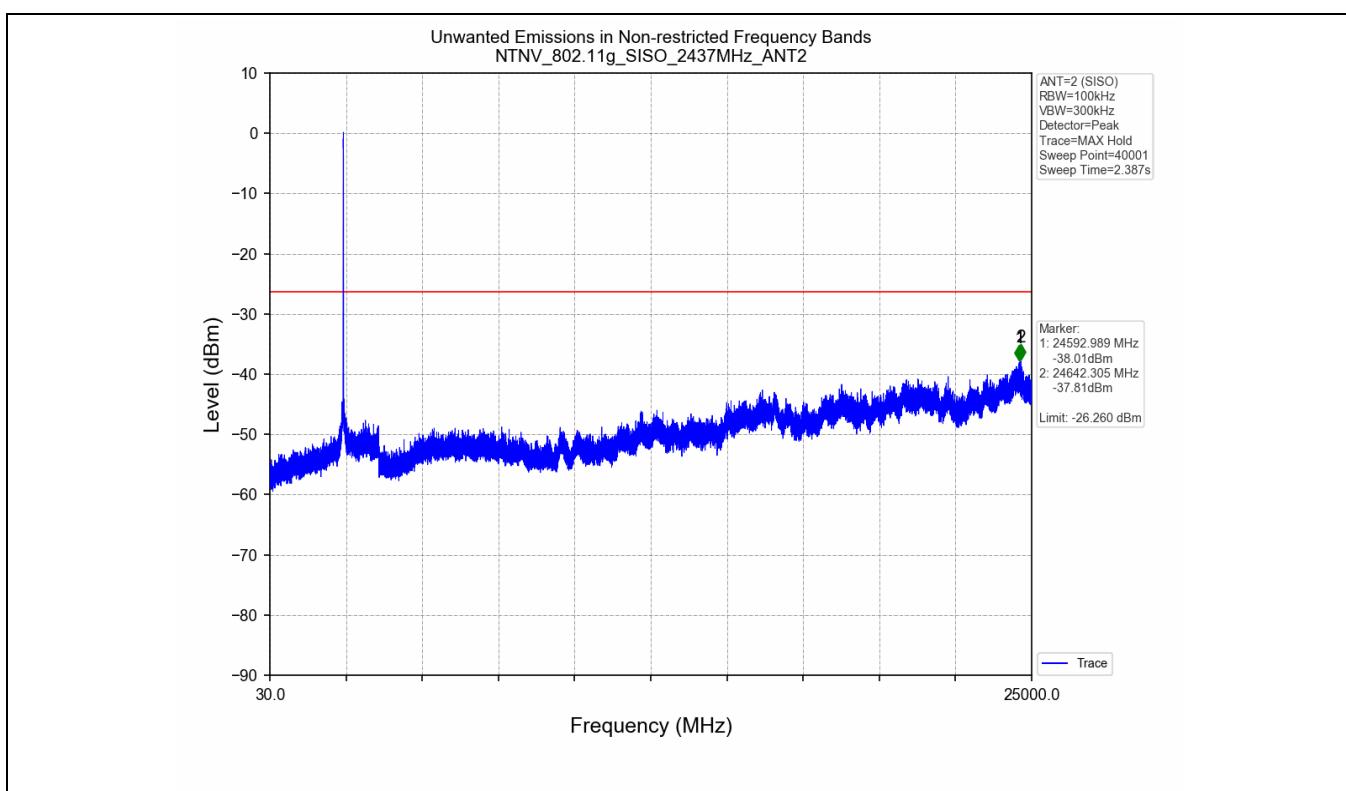
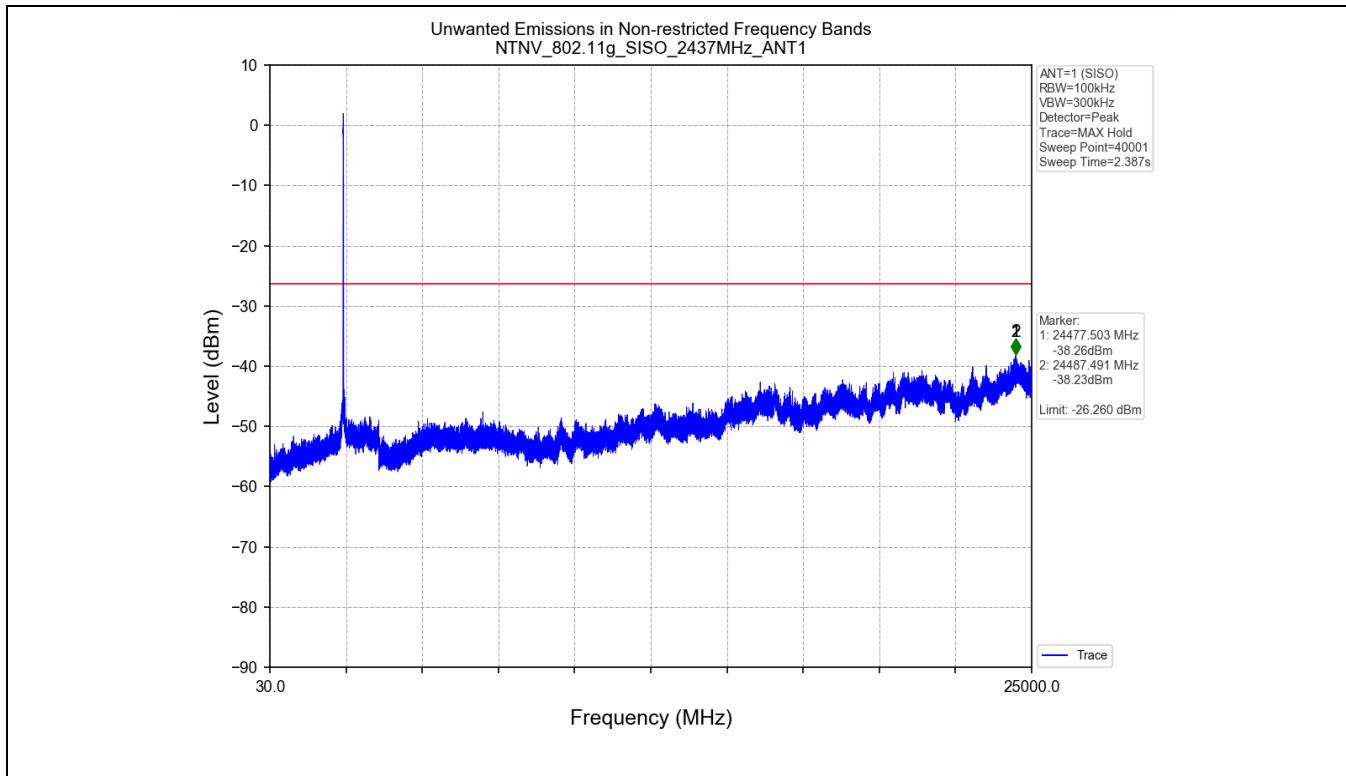
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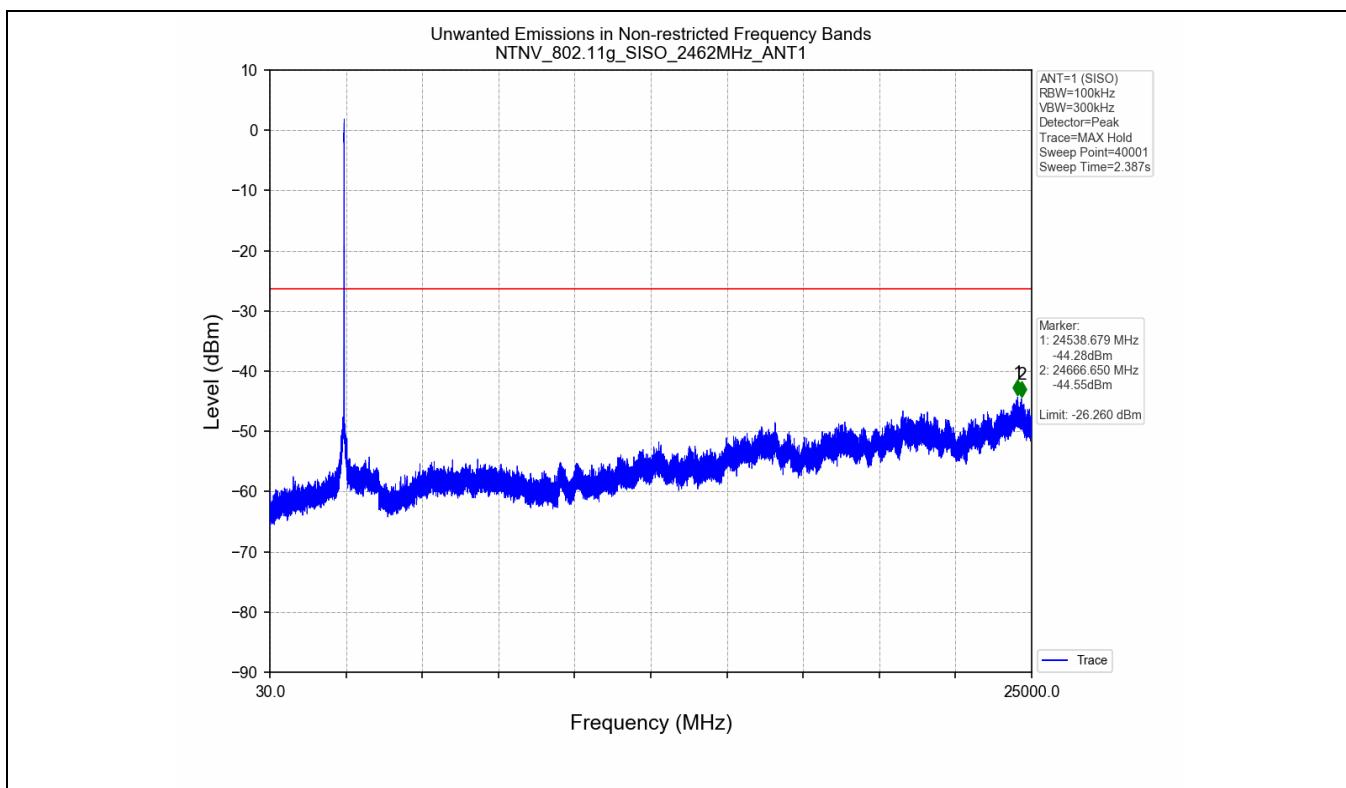
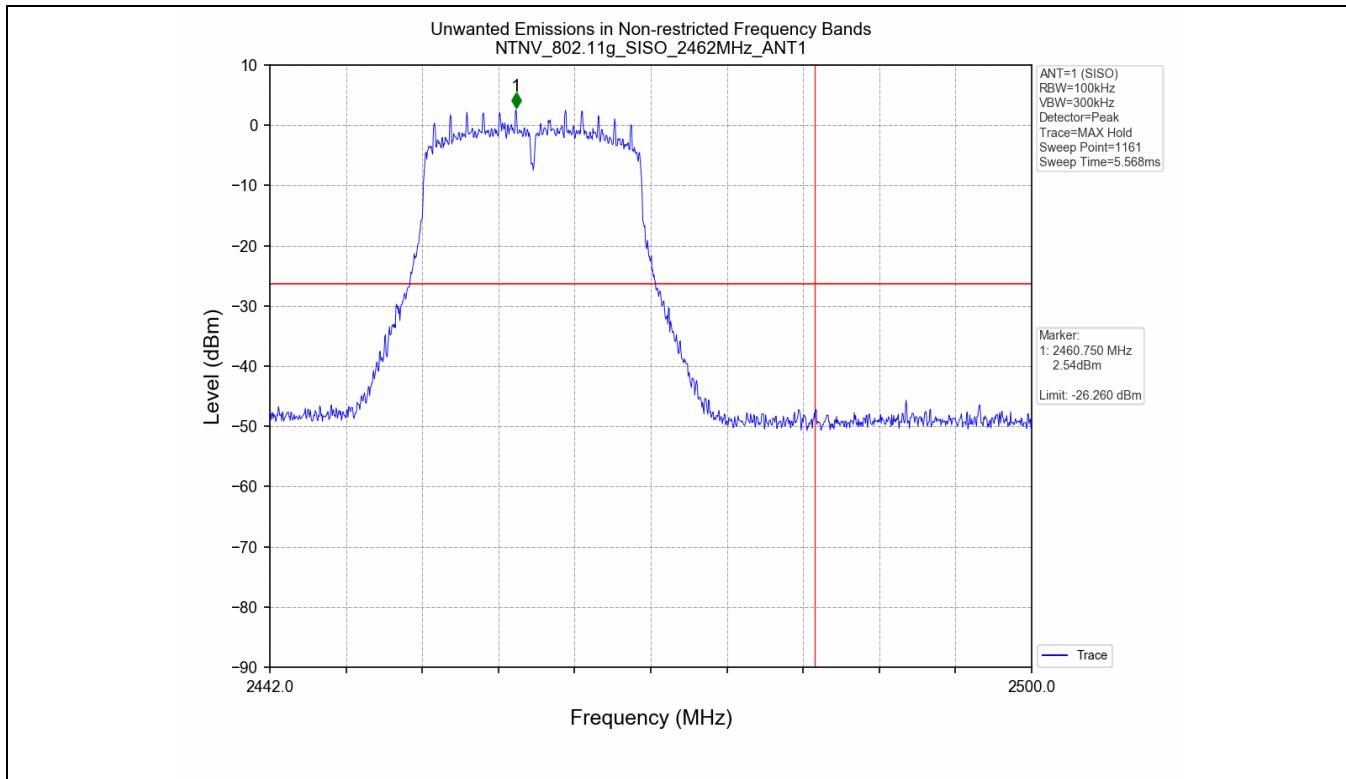
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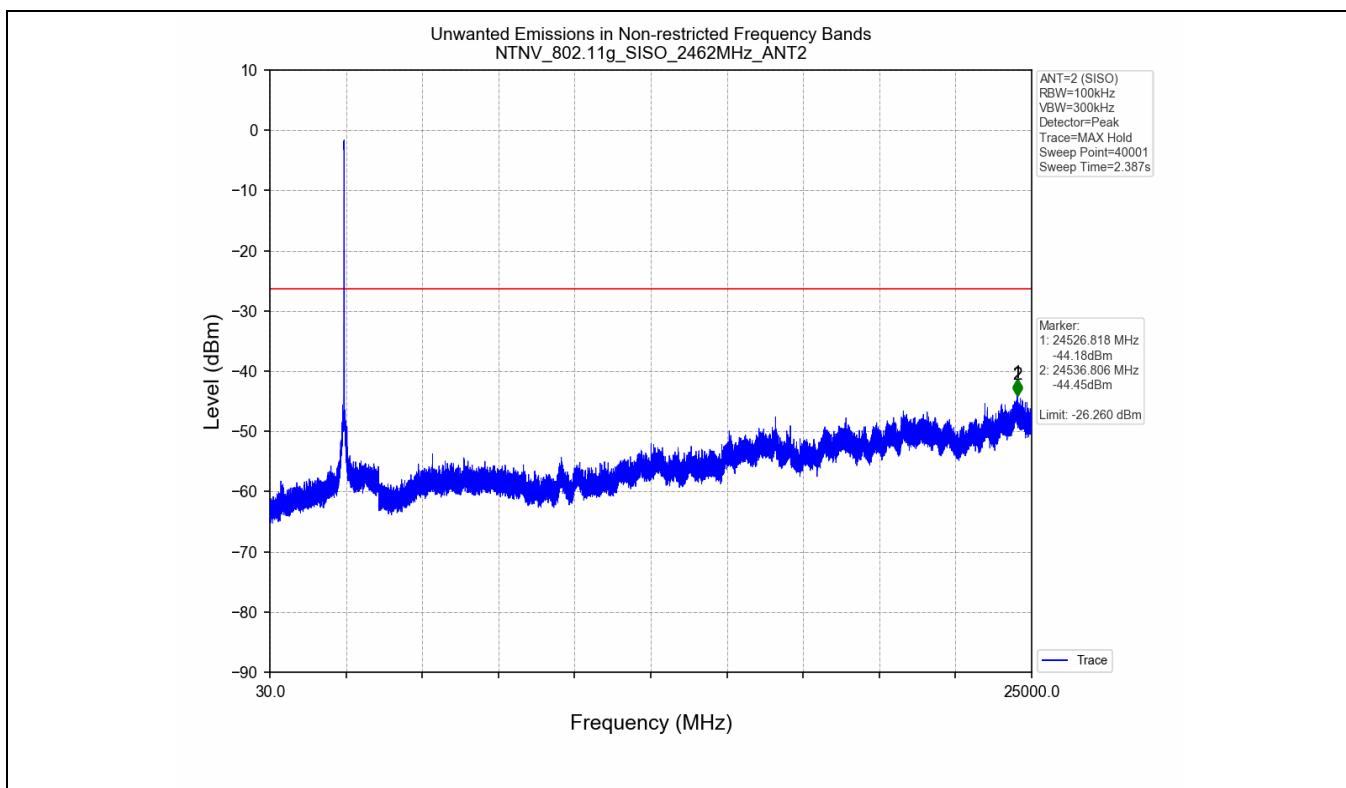
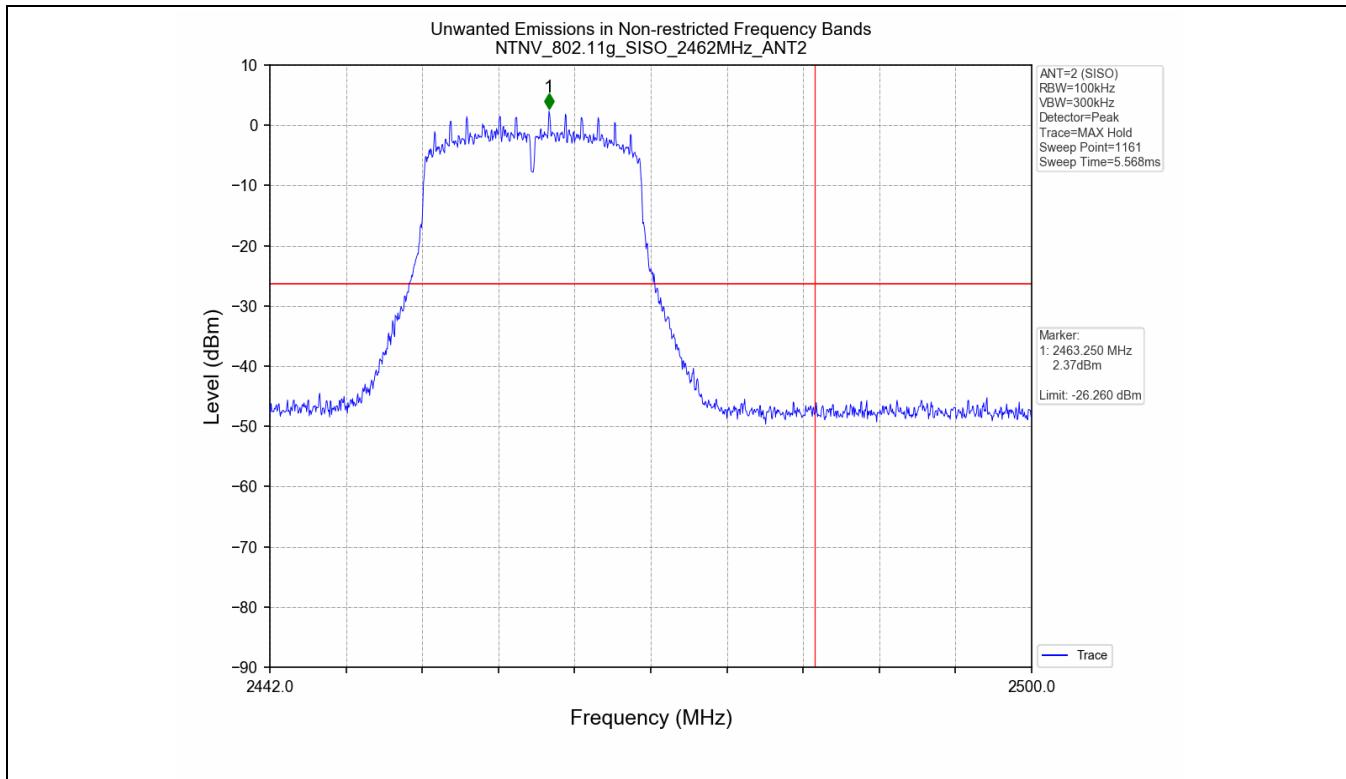
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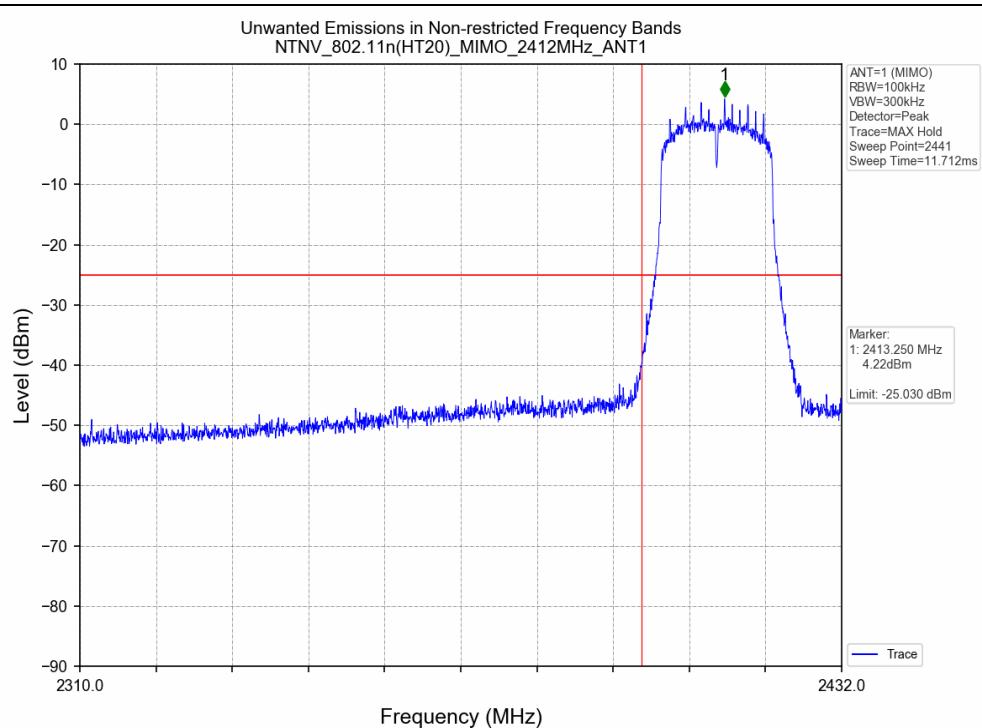
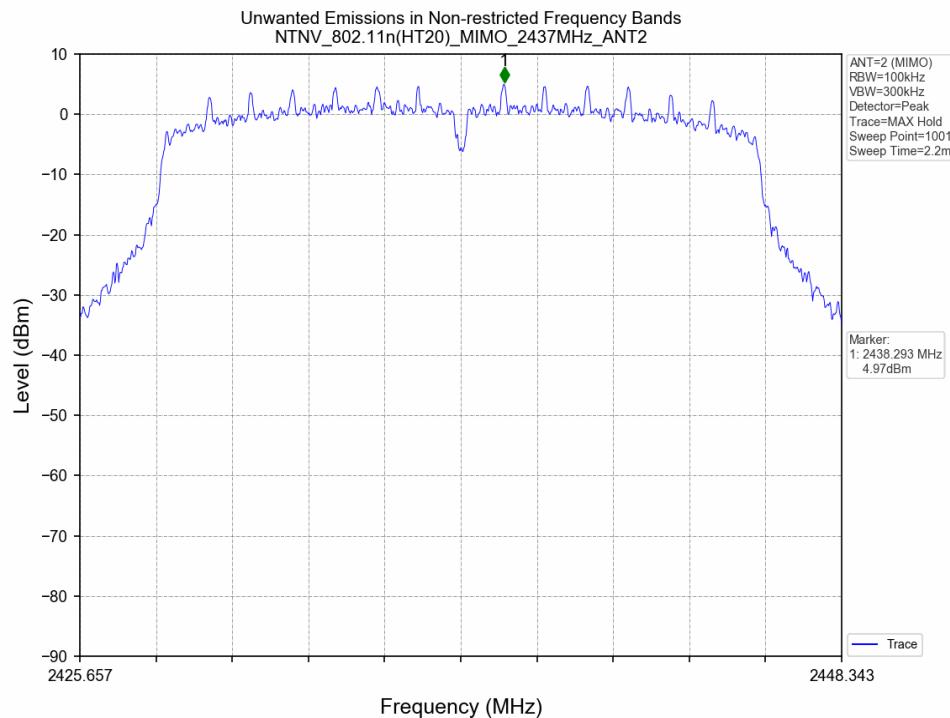
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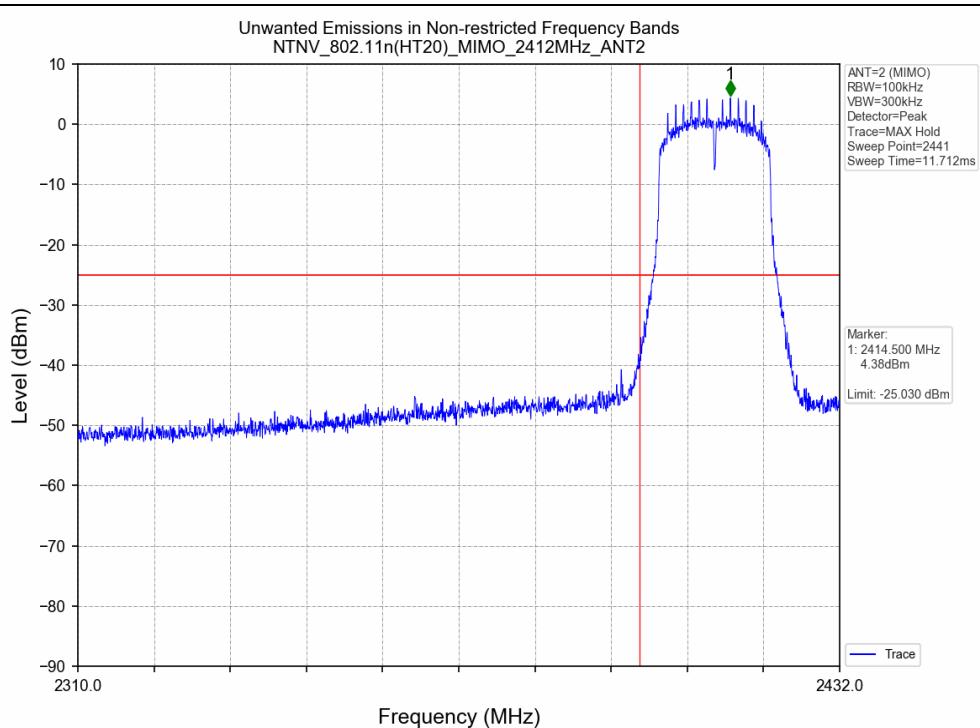
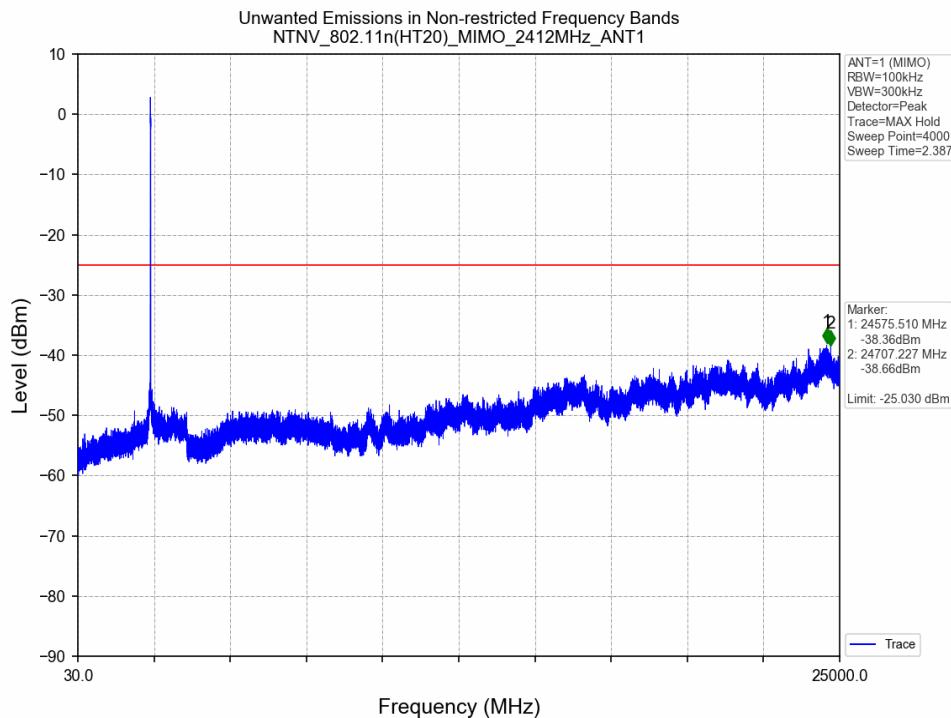
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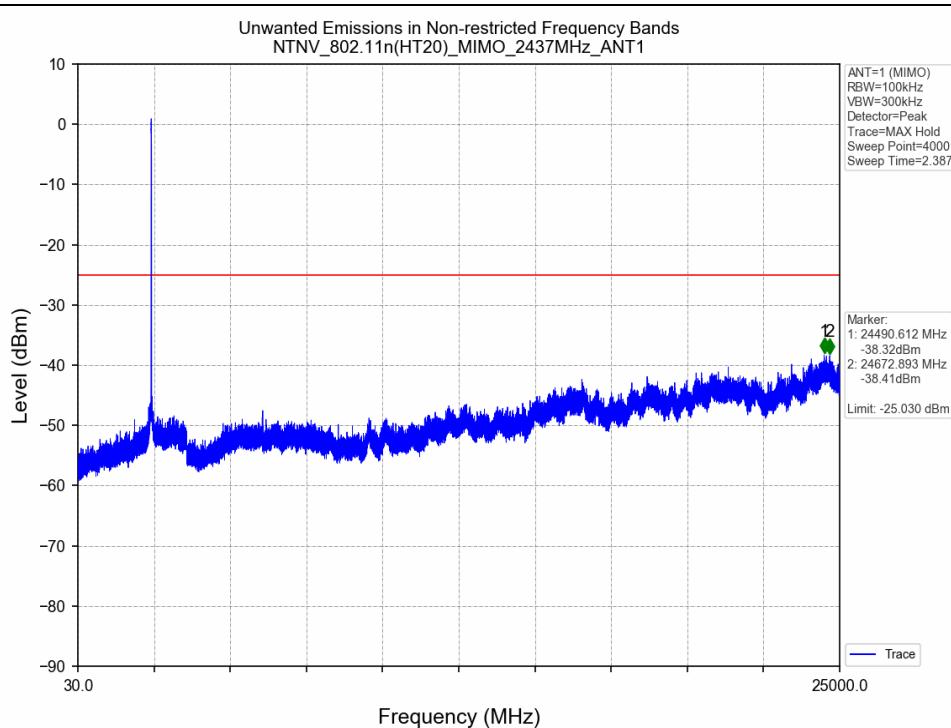
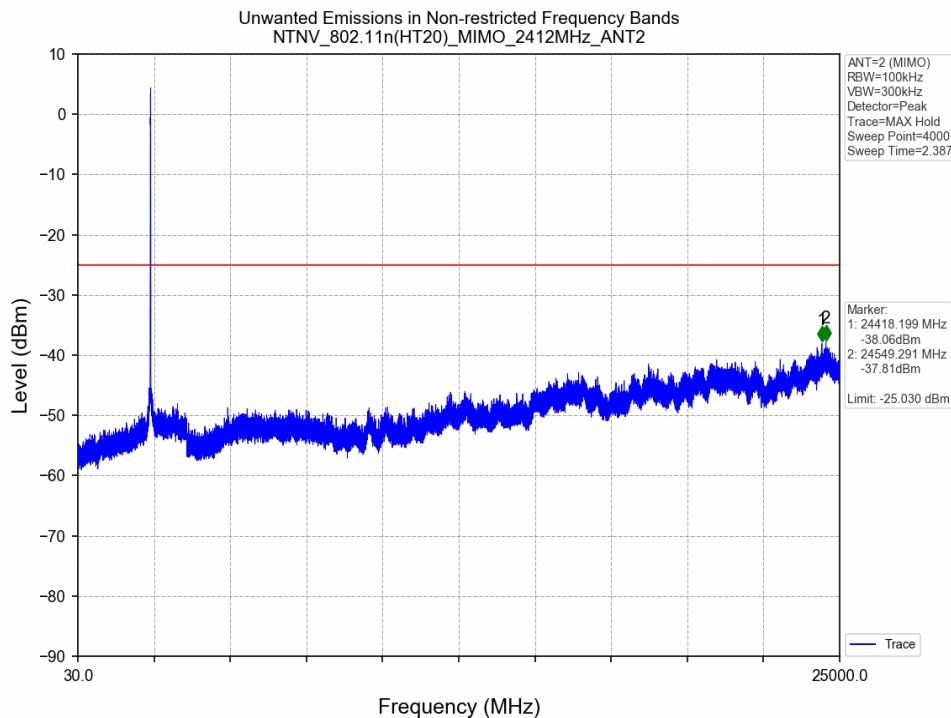
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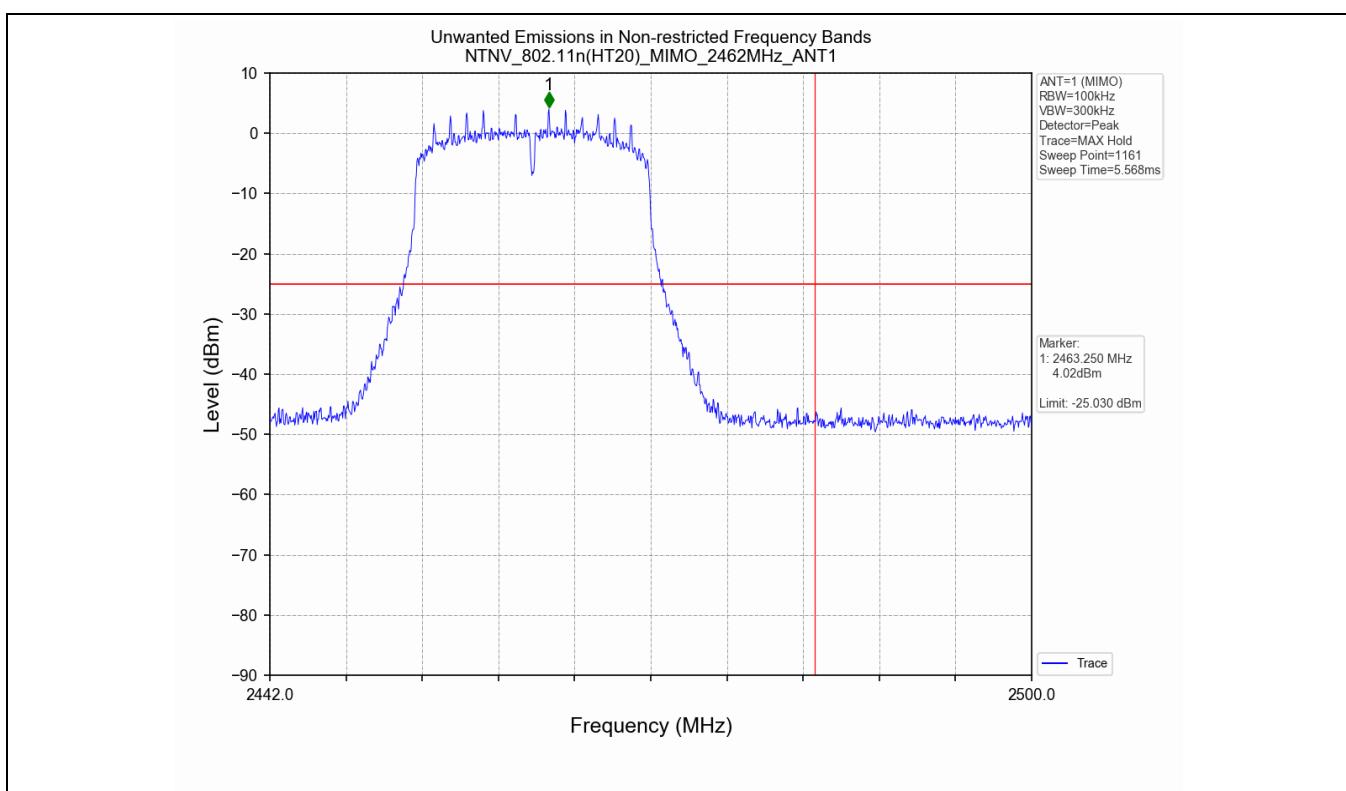
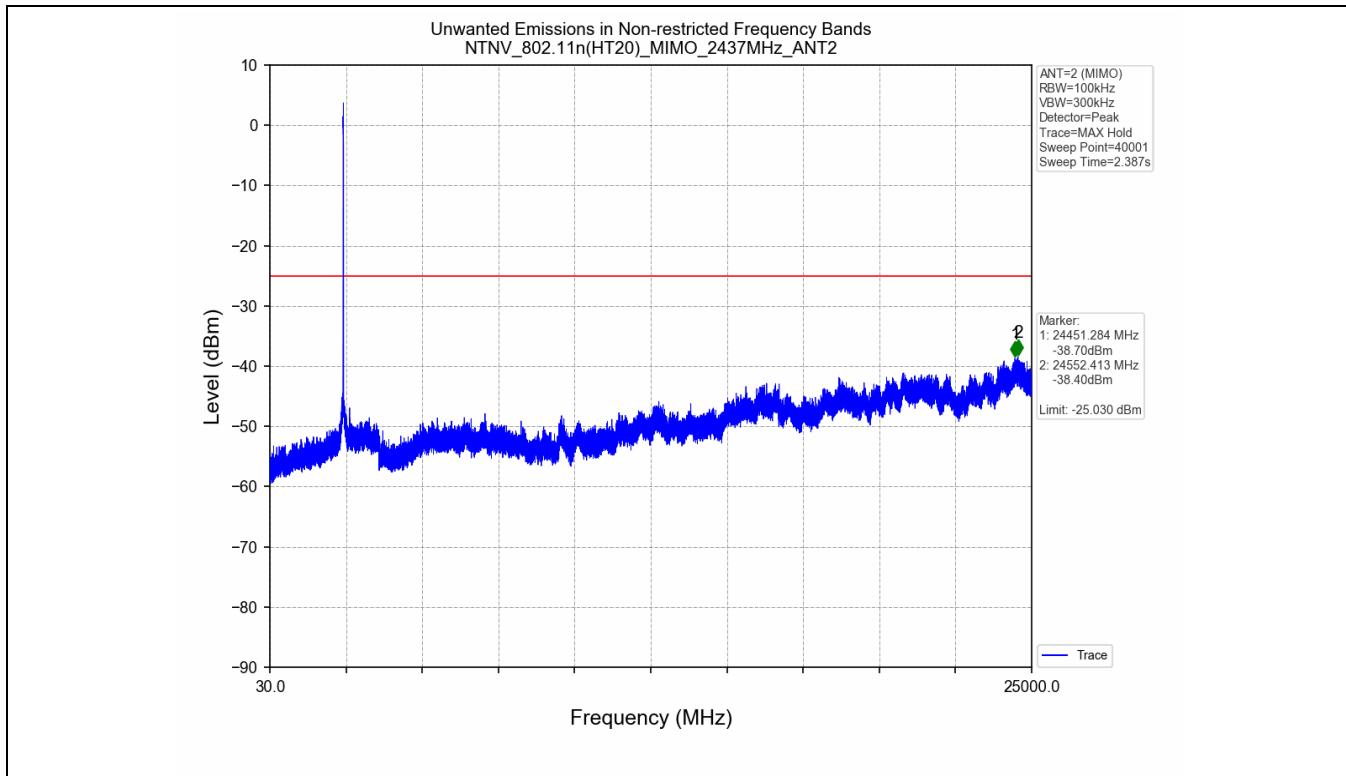
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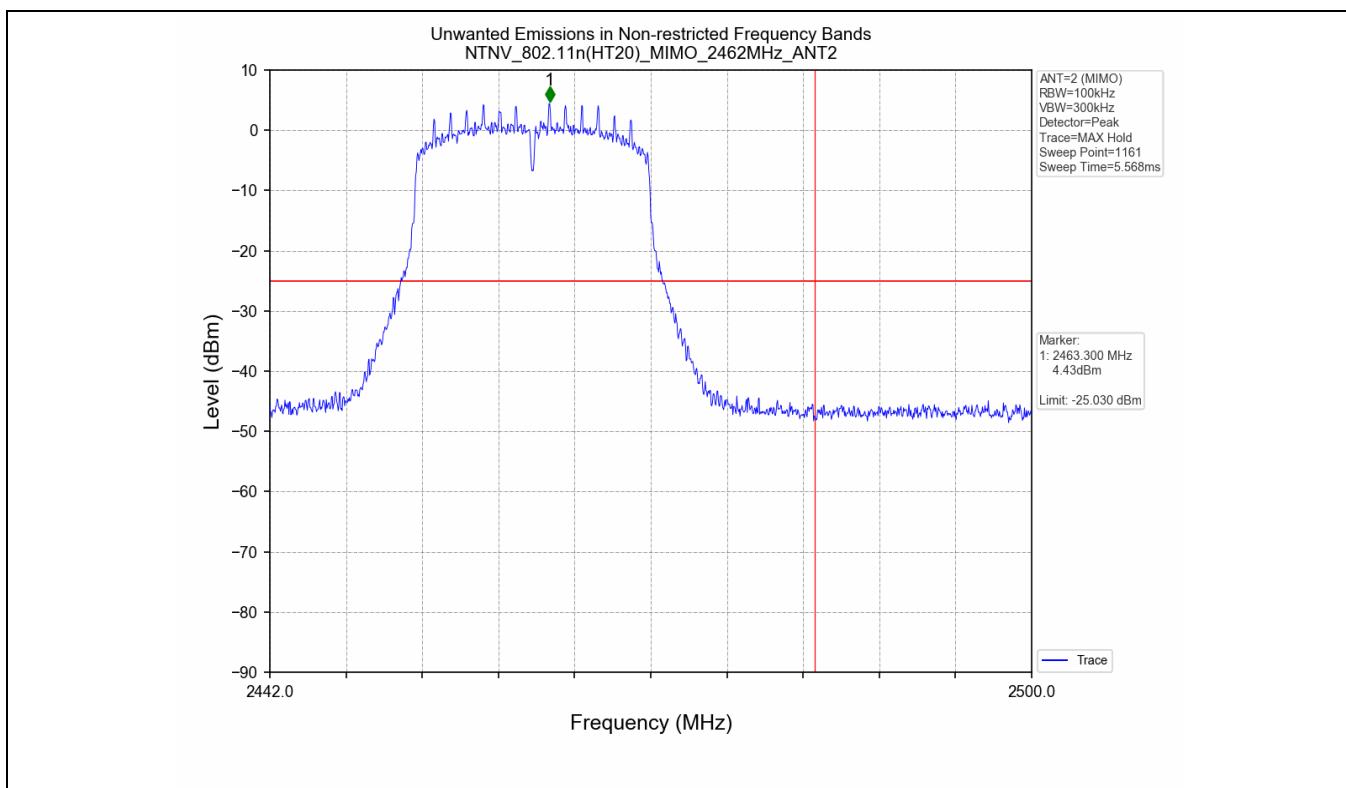
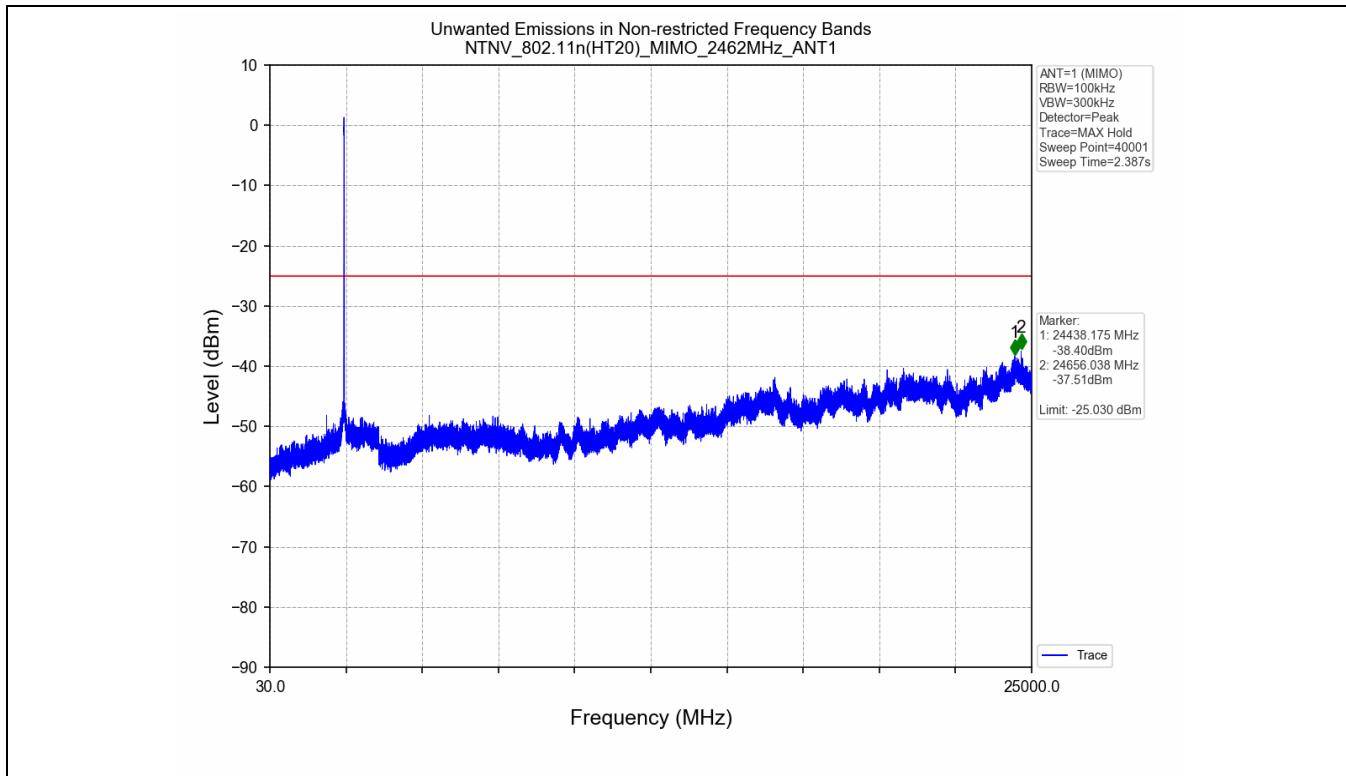
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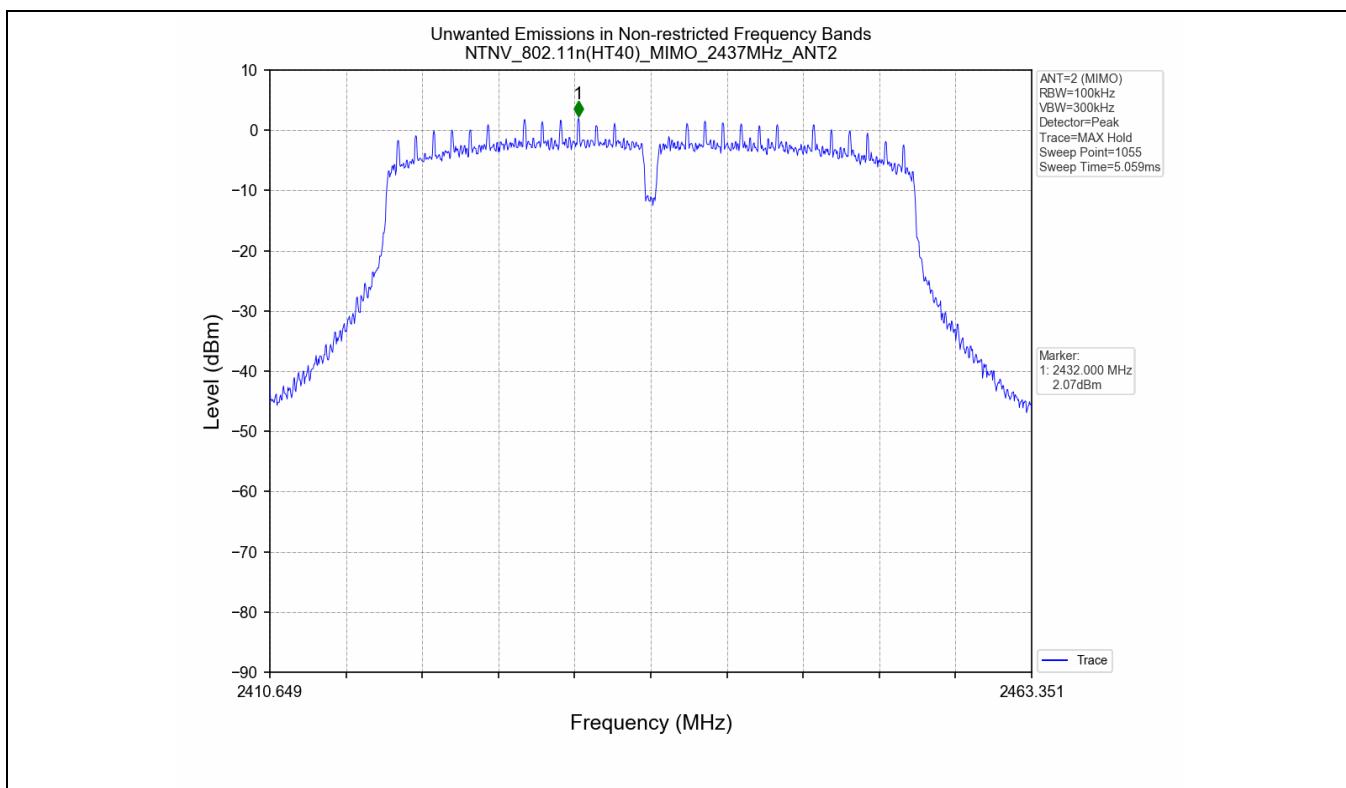
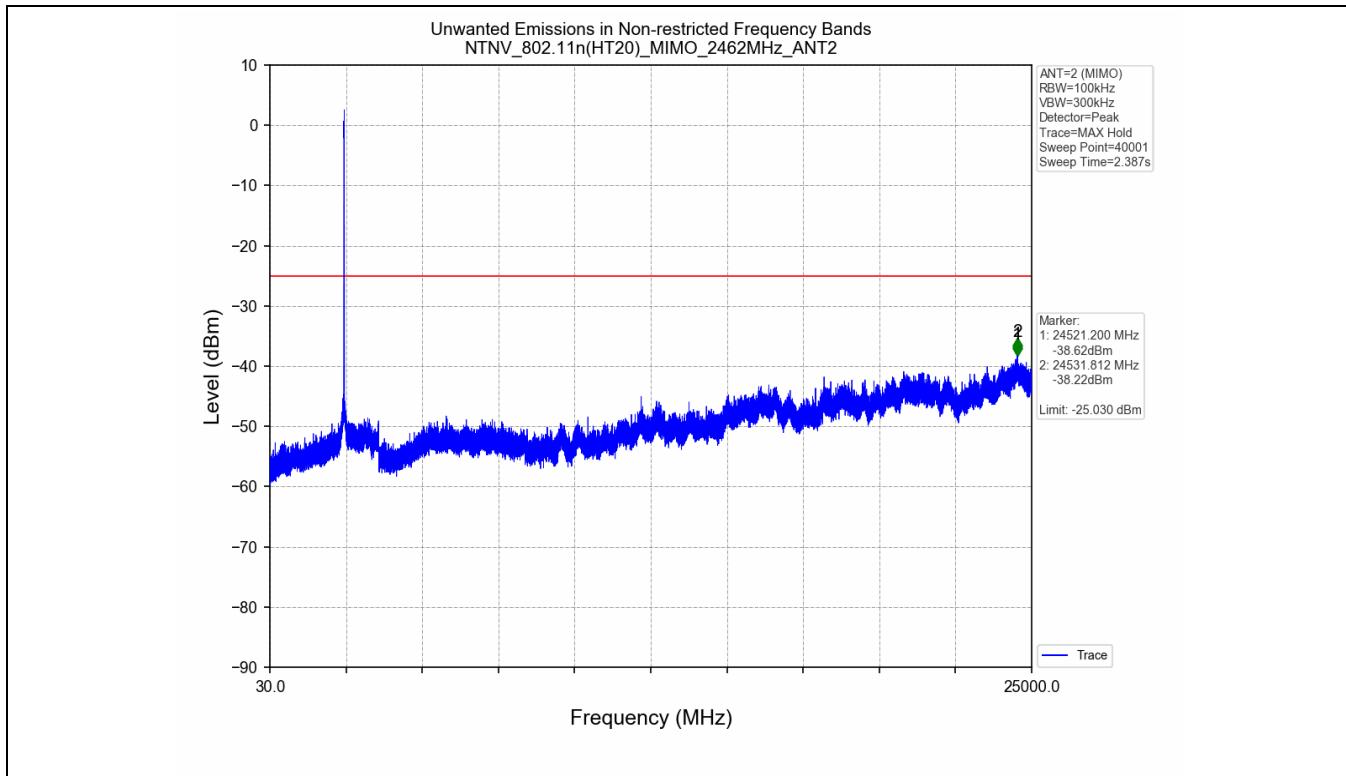
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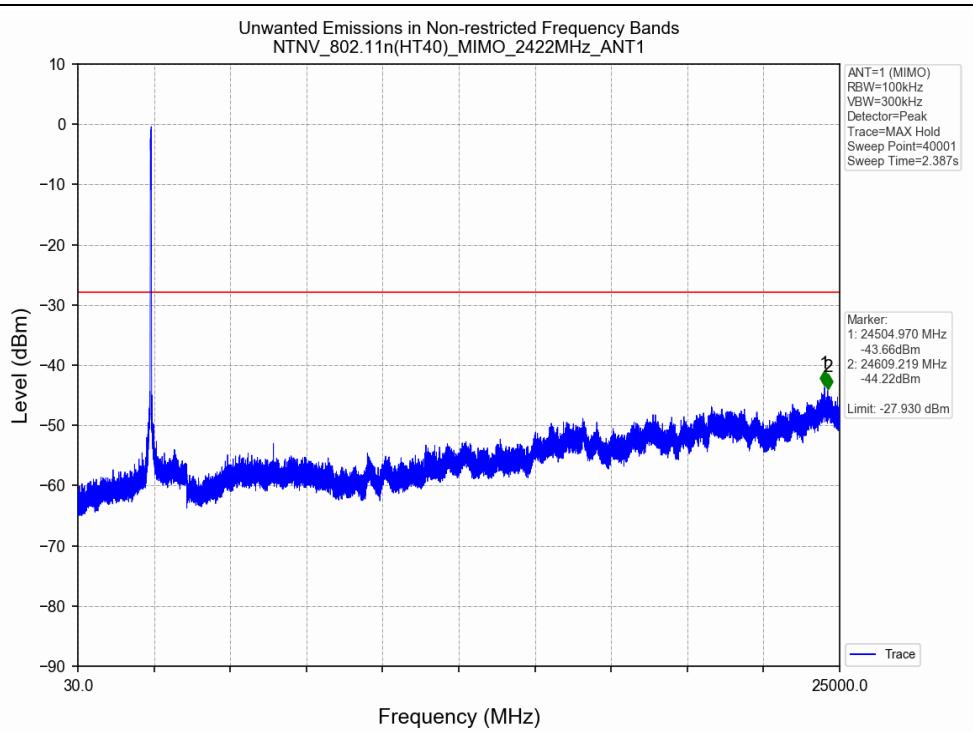
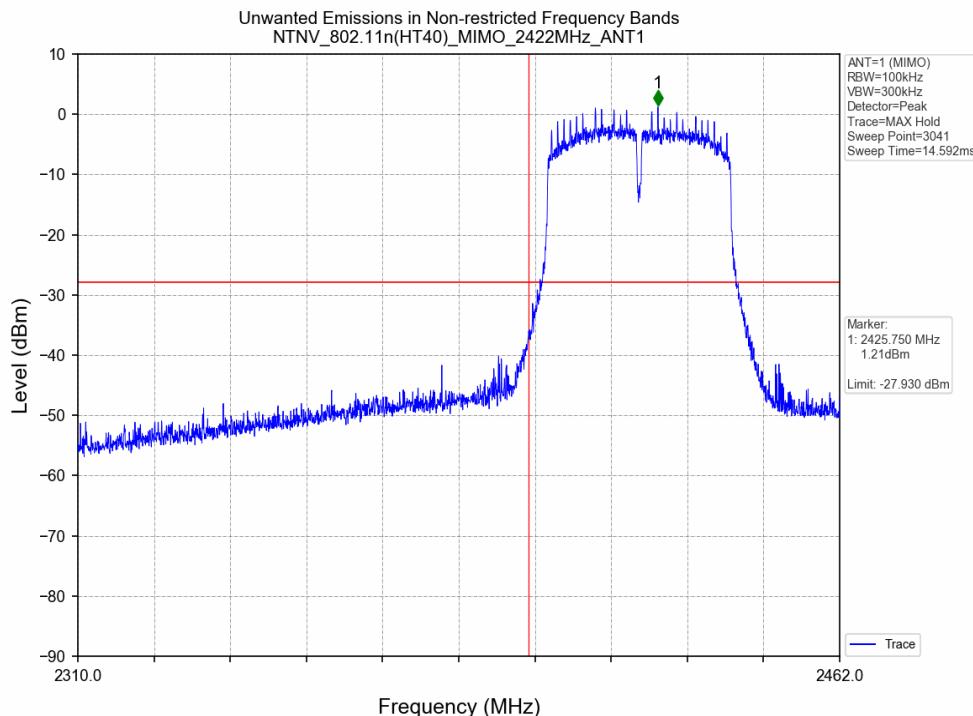


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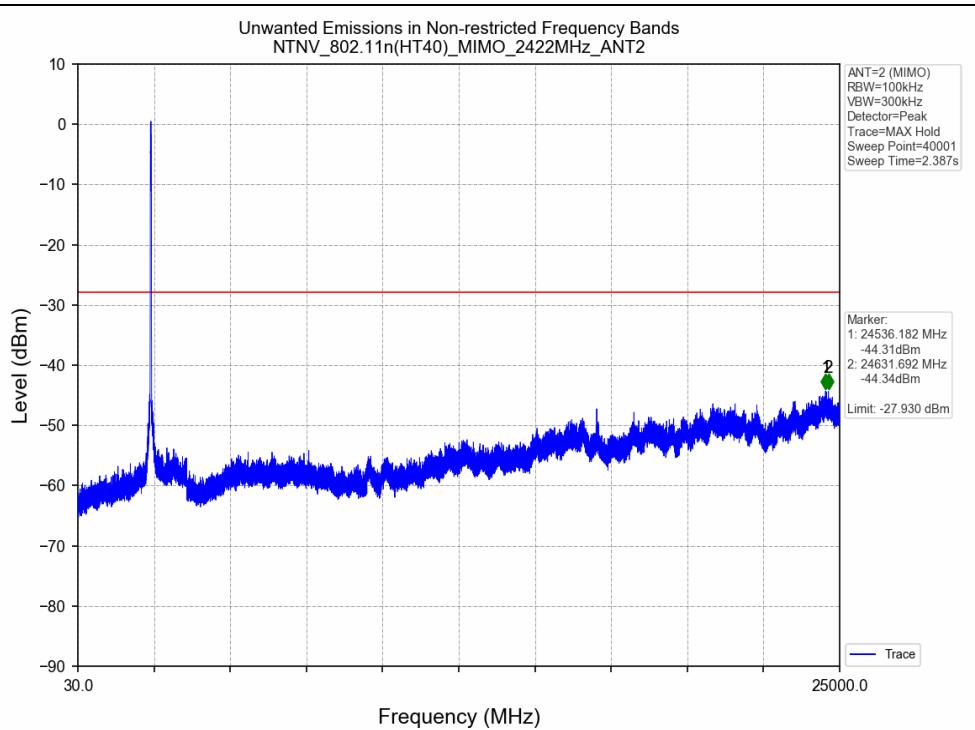
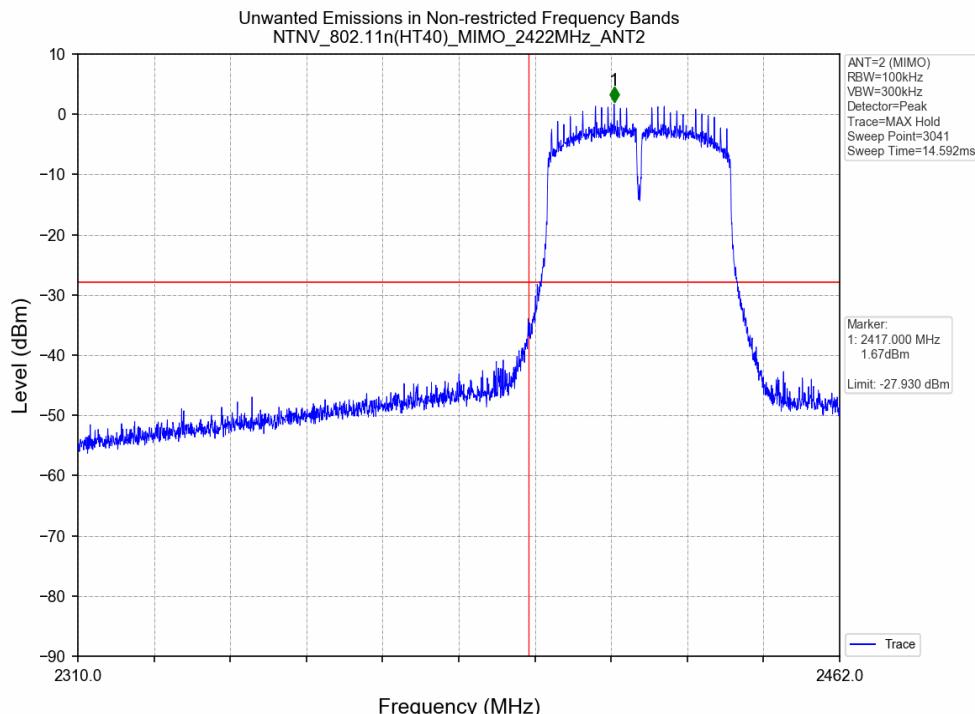
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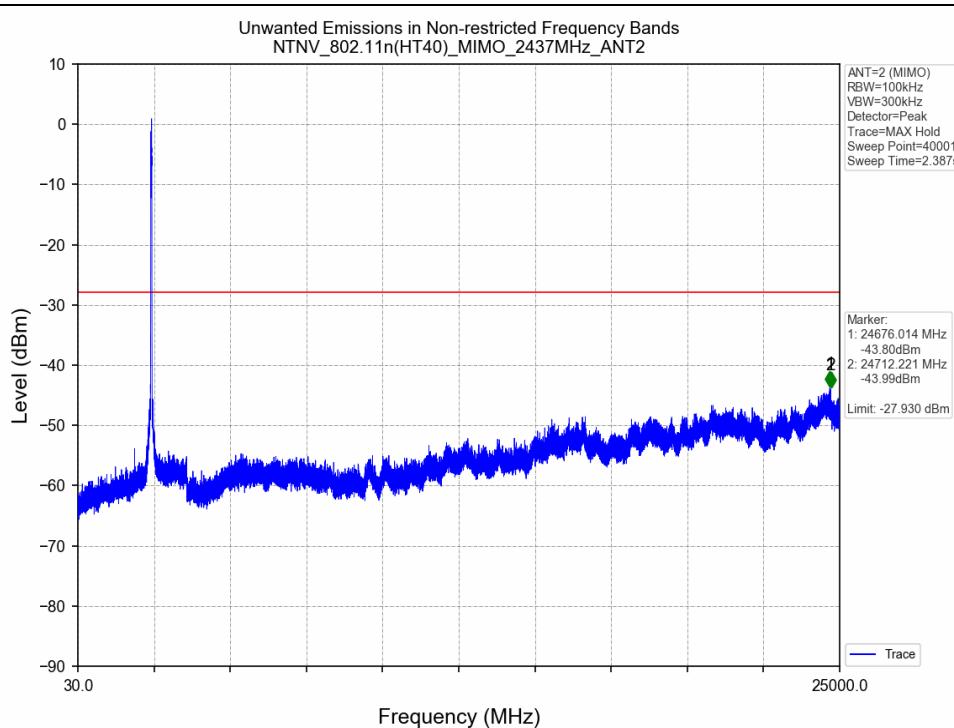
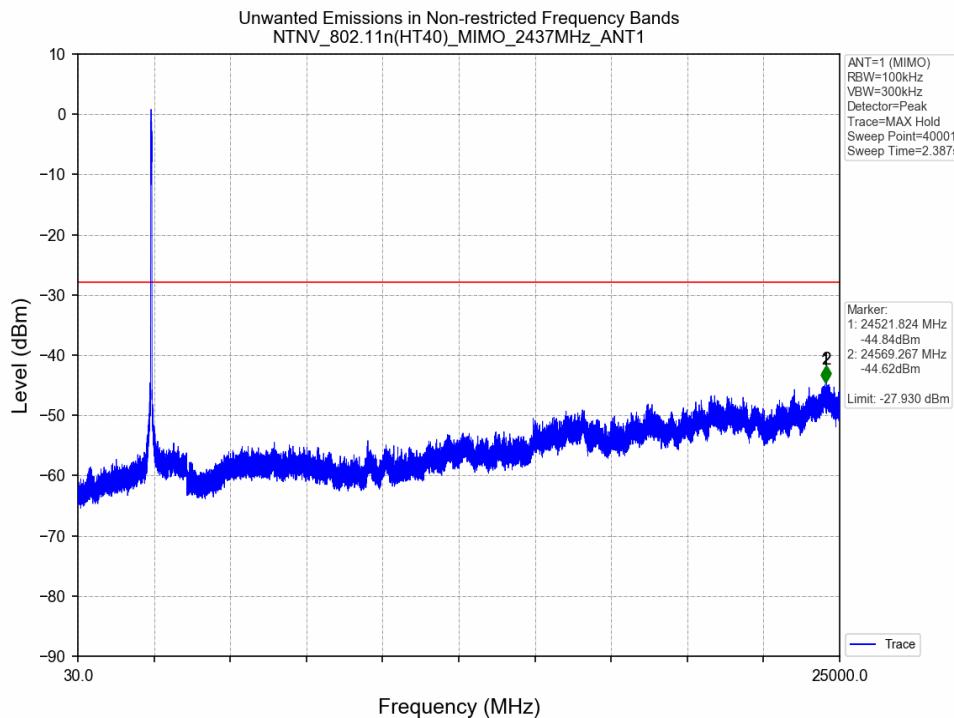
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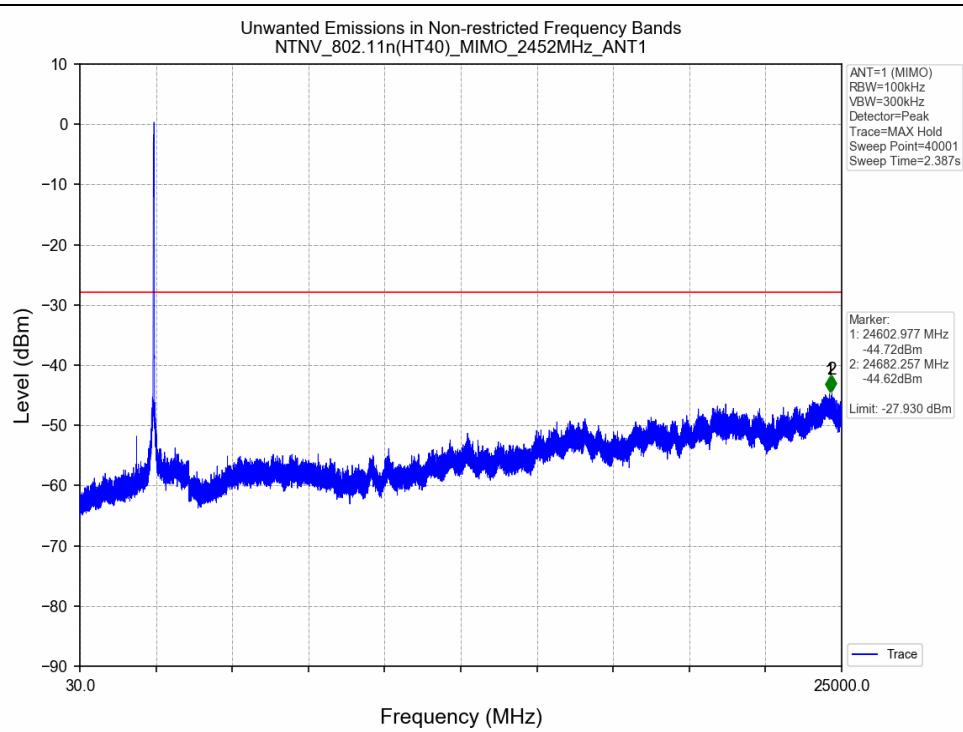
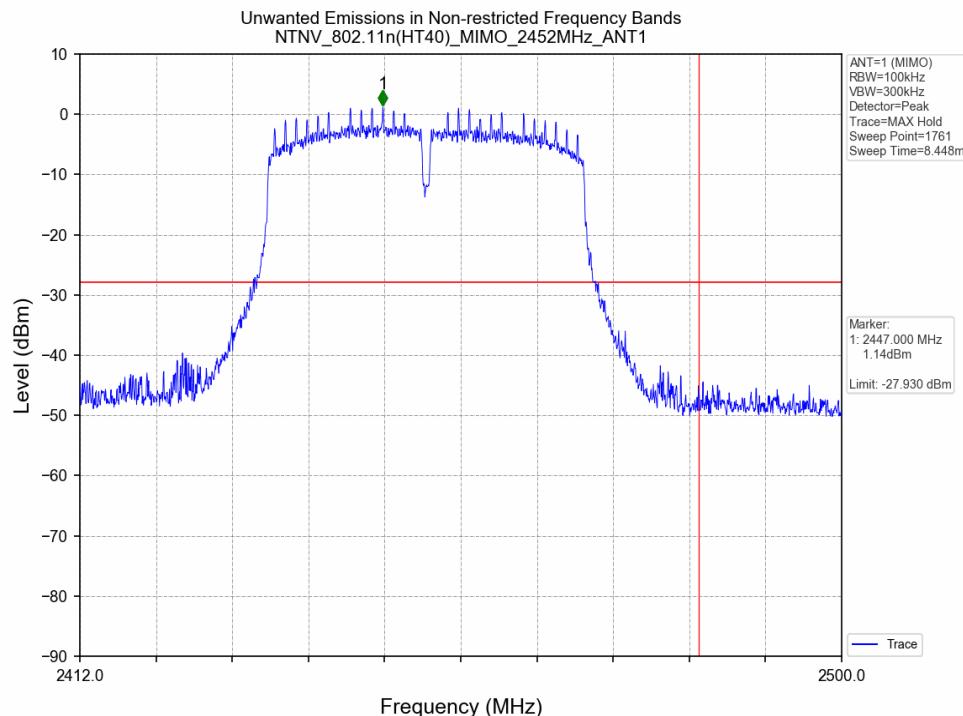
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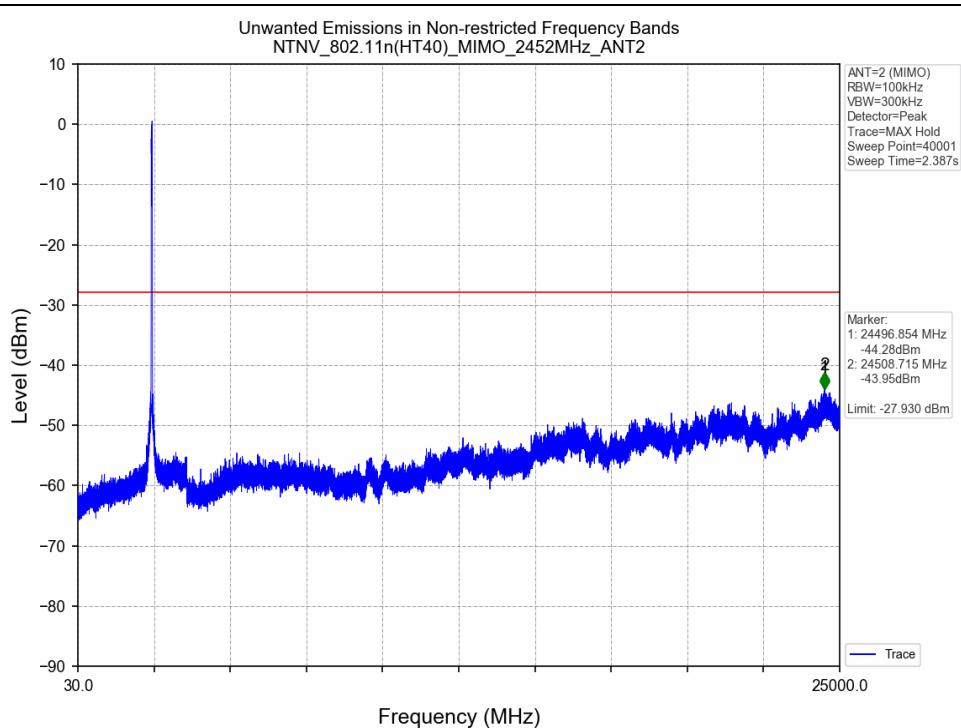
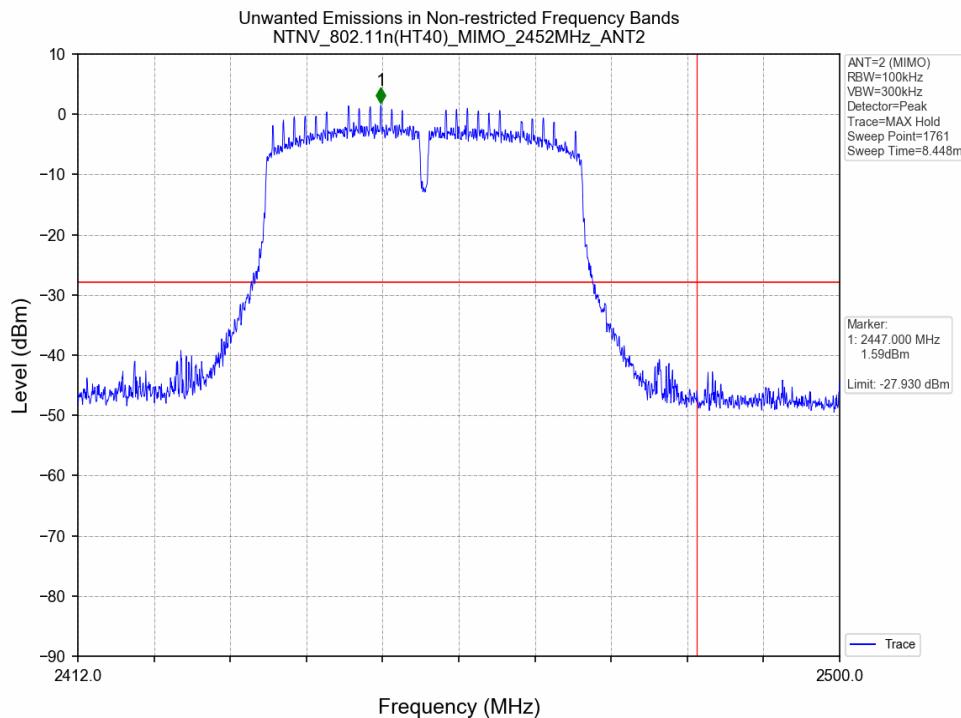
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11 Appendix2 for 15.247- Boat WLAN(AP mode)

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	12.190	12.240	99.59	0.02
	2437	SISO	1	12.190	12.240	99.59	0.02
	2462	SISO	1	12.190	12.240	99.59	0.02
802.11g	2412	SISO	1	2.022	2.073	97.54	0.11
	2437	SISO	1	2.022	2.075	97.45	0.11
	2462	SISO	1	2.024	2.074	97.59	0.11
802.11n(HT20)	2412	MIMO	1	1.886	1.938	97.32	0.12
	2437	MIMO	1	1.886	1.938	97.32	0.12
	2462	MIMO	1	1.886	1.938	97.32	0.12
802.11n(HT40)	2422	MIMO	1	0.928	0.966	96.07	0.17
	2437	MIMO	1	0.928	0.966	96.07	0.17
	2452	MIMO	1	0.927	0.965	96.06	0.17

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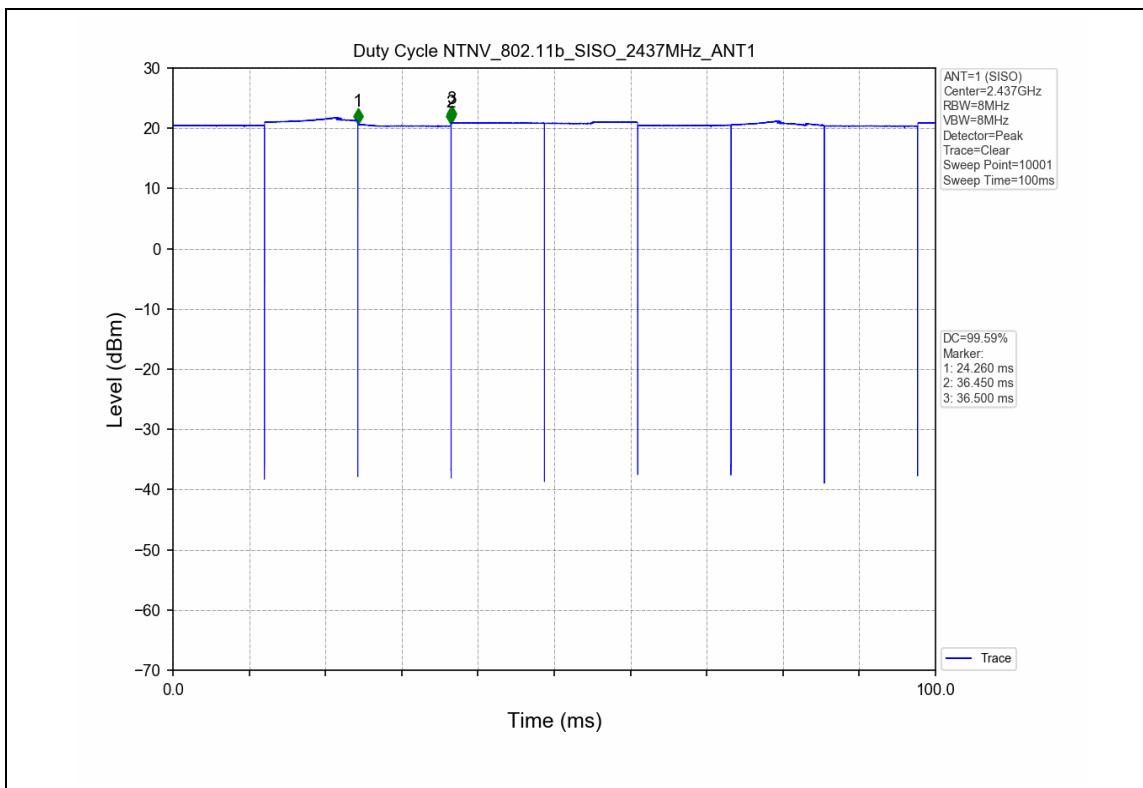
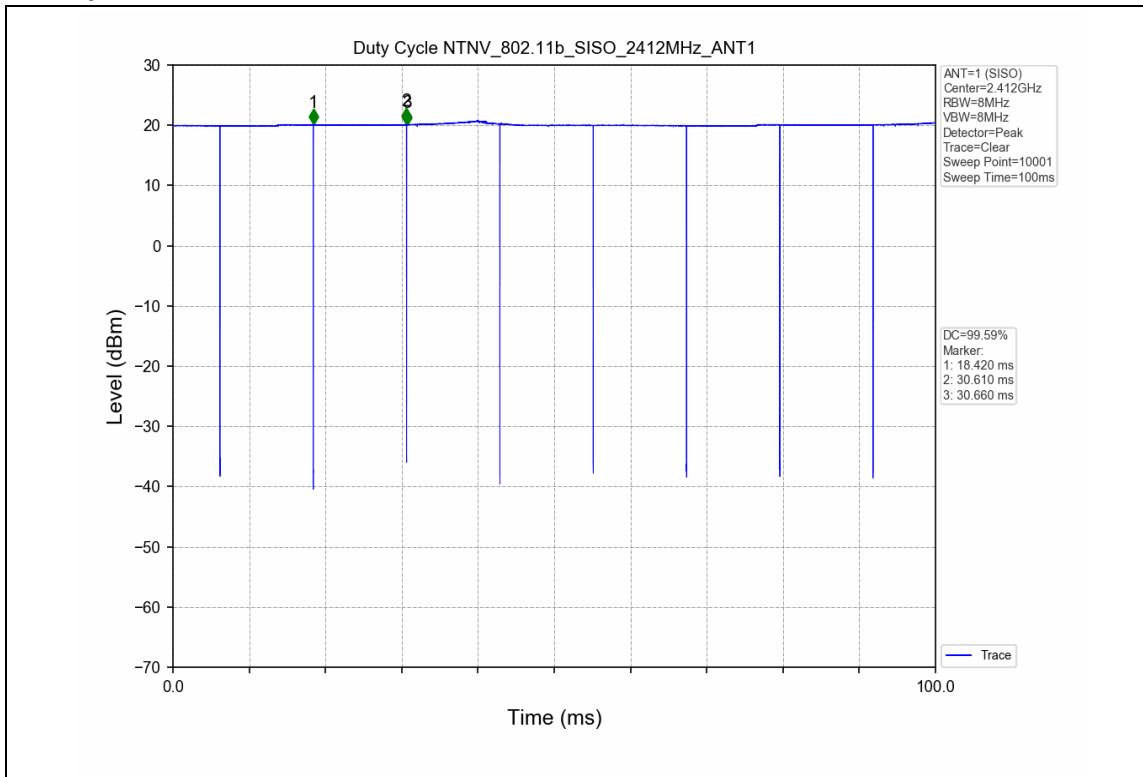
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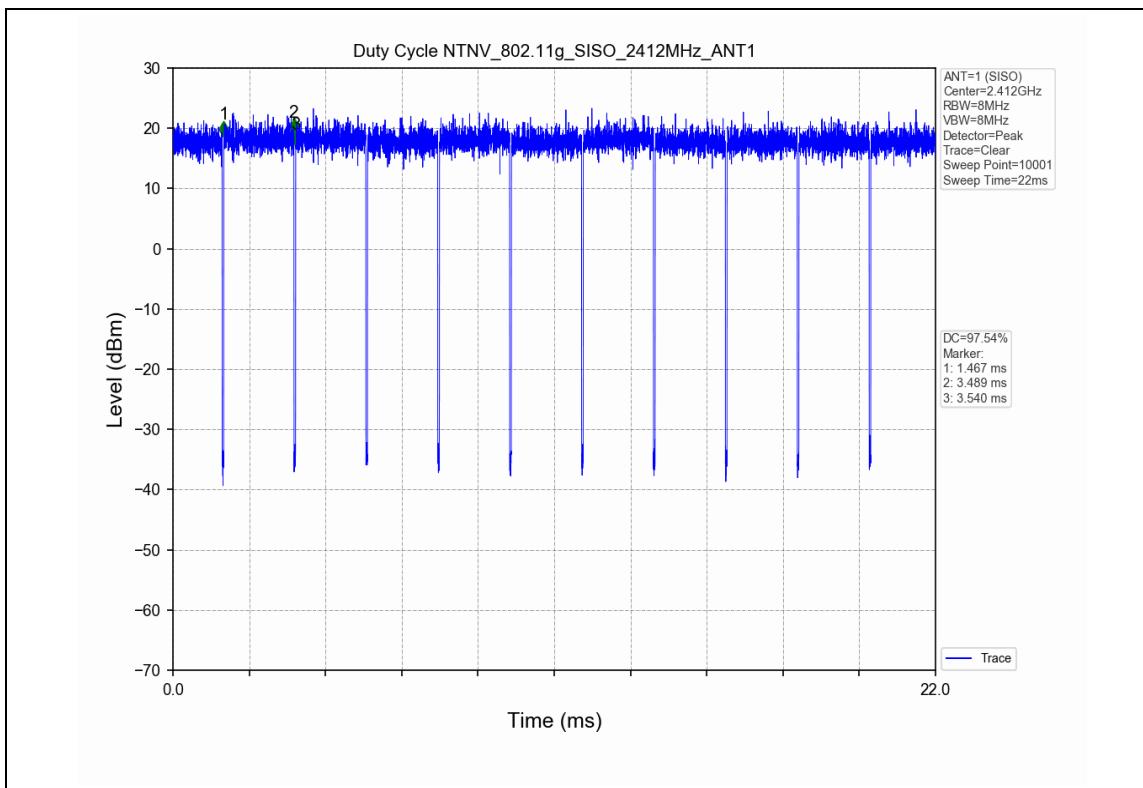
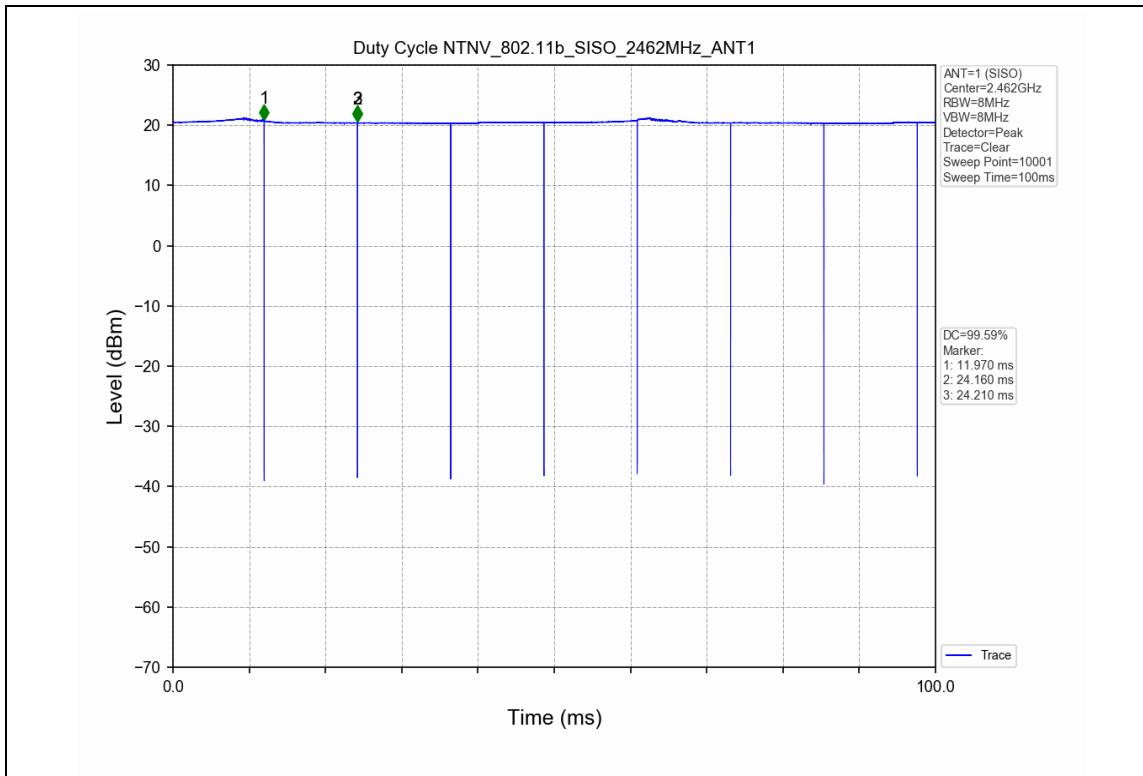
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1.2 Test Graph



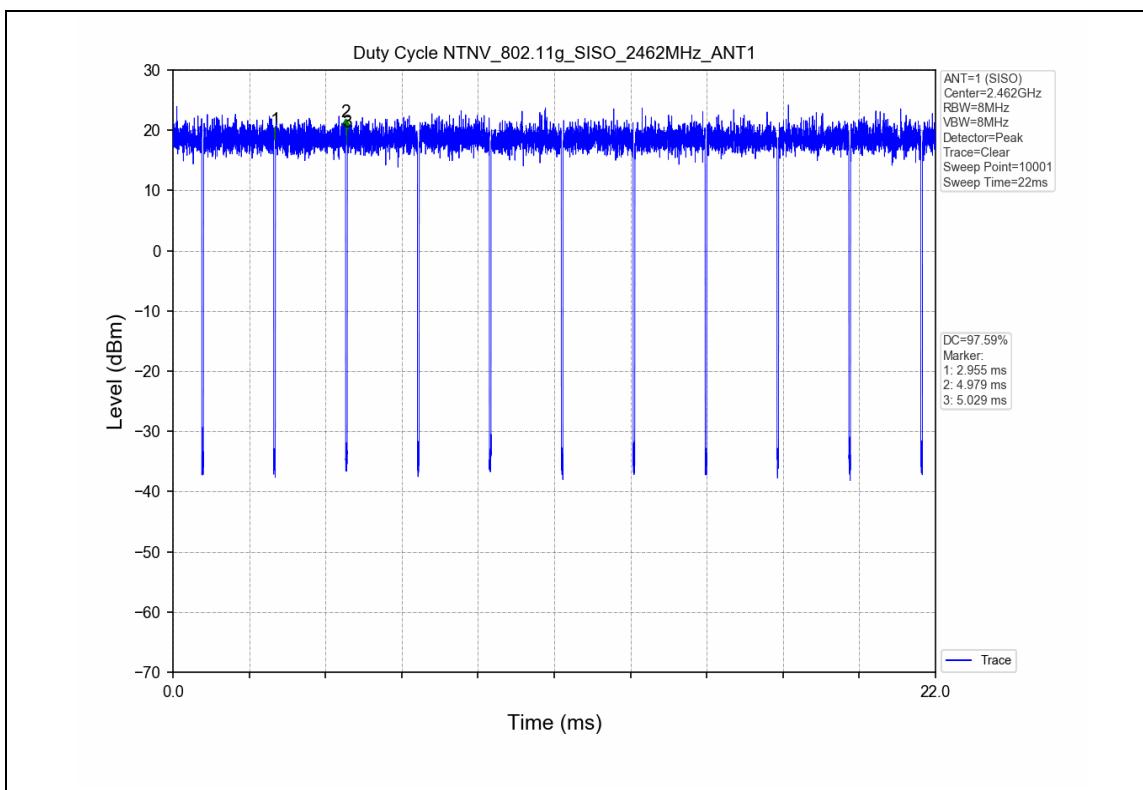
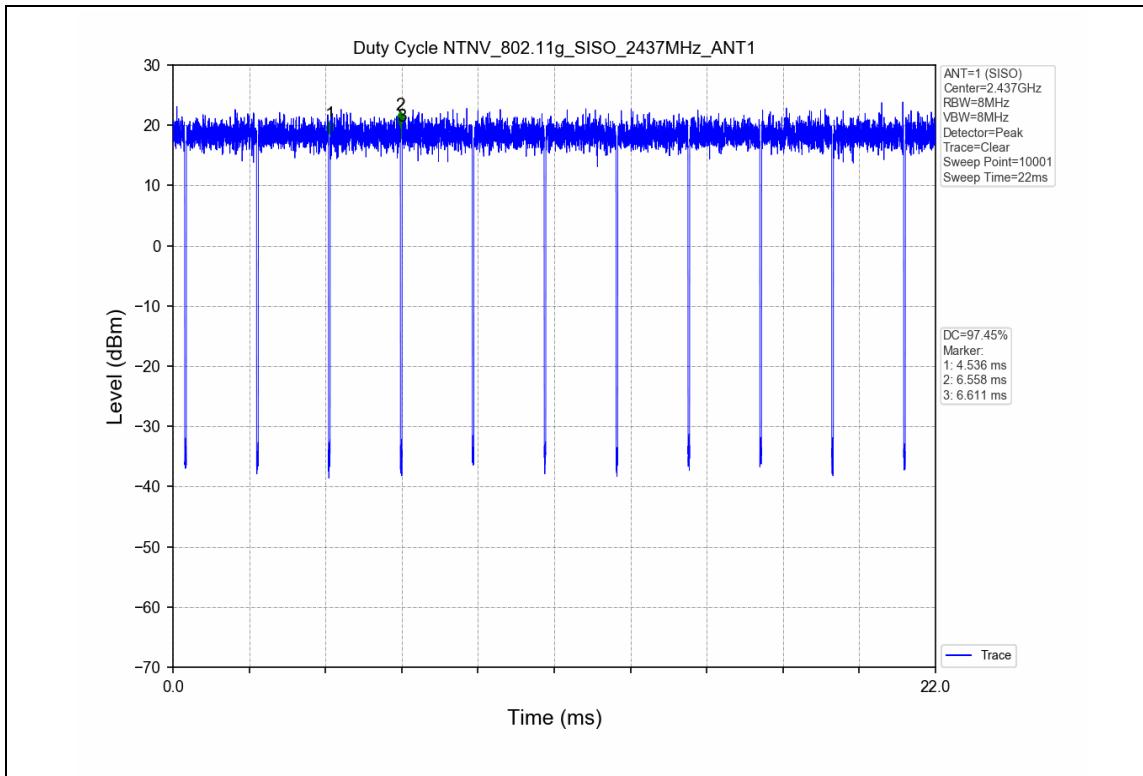
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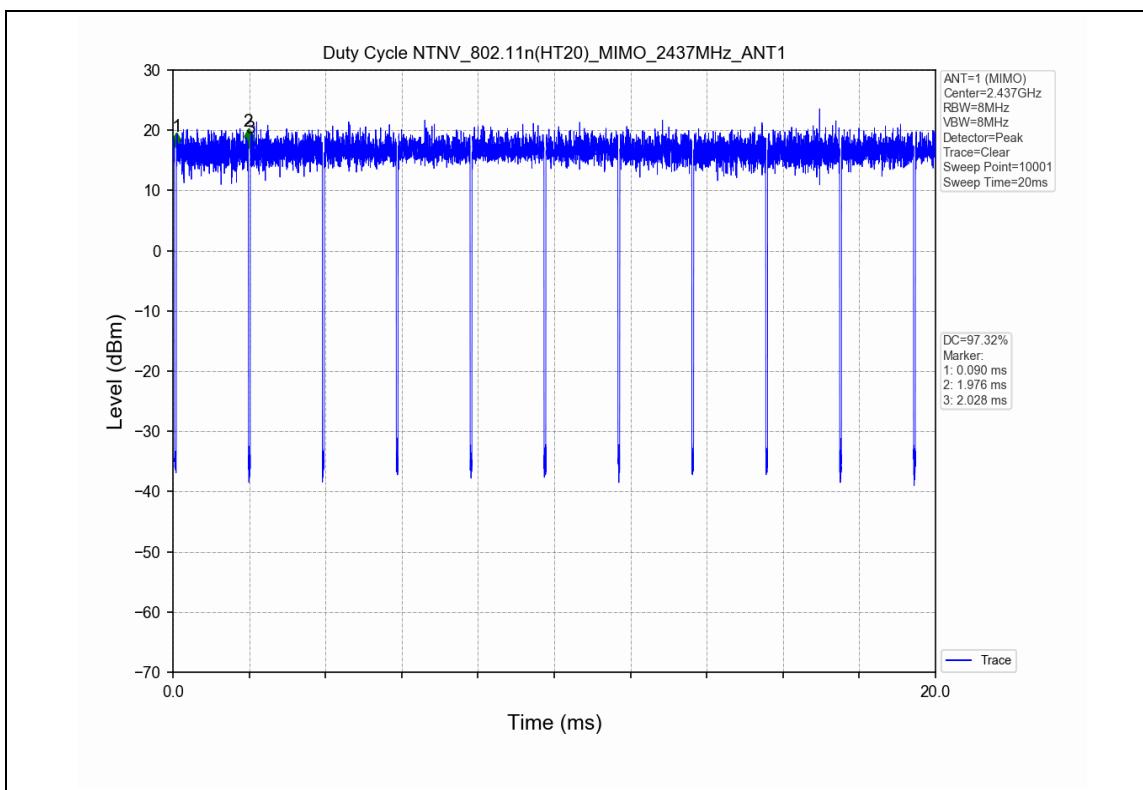
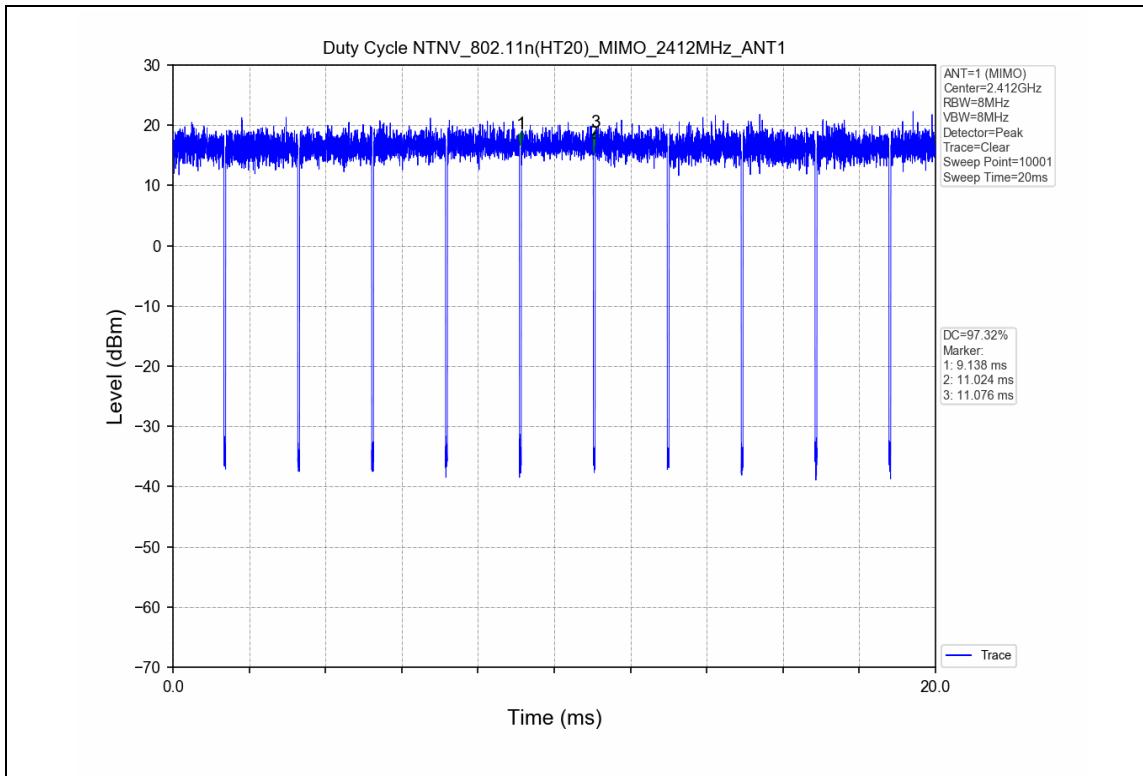
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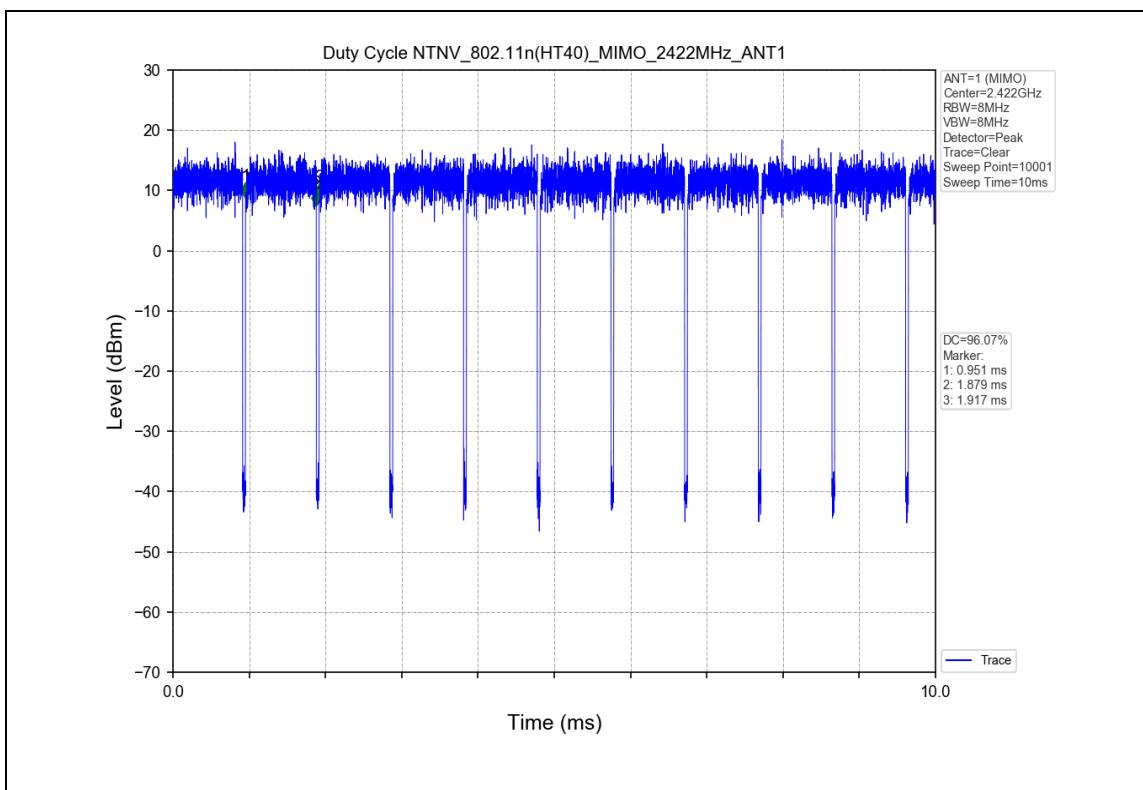
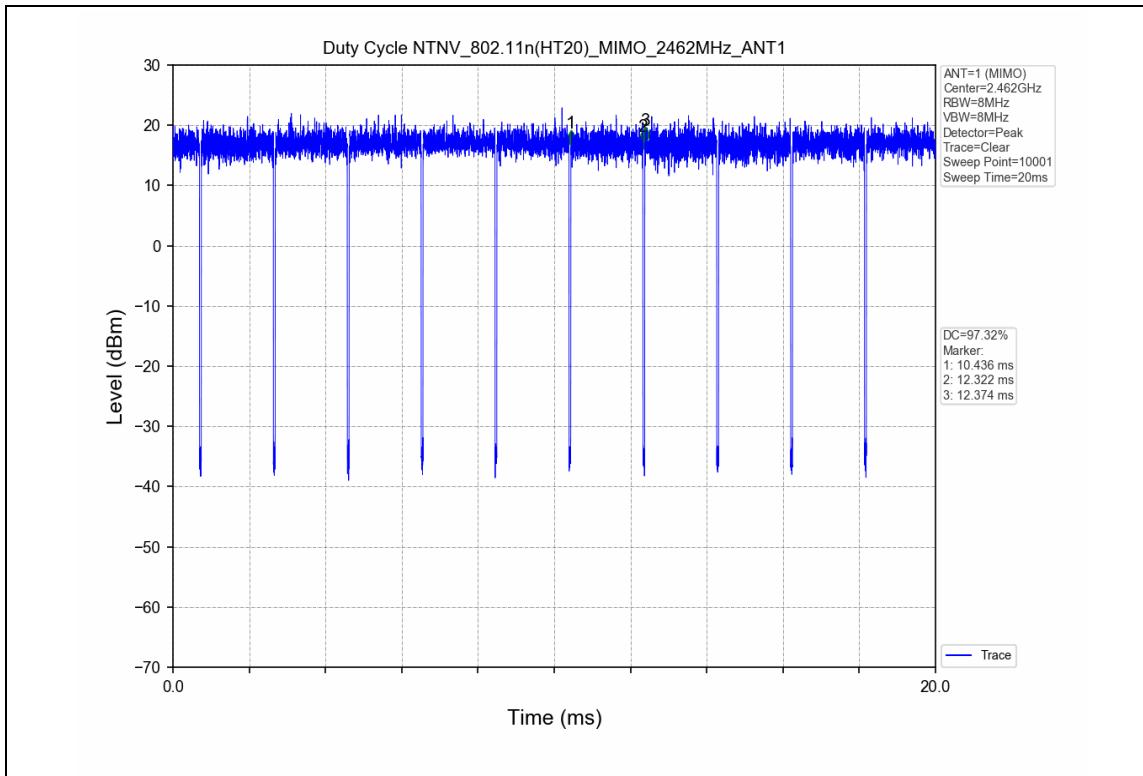
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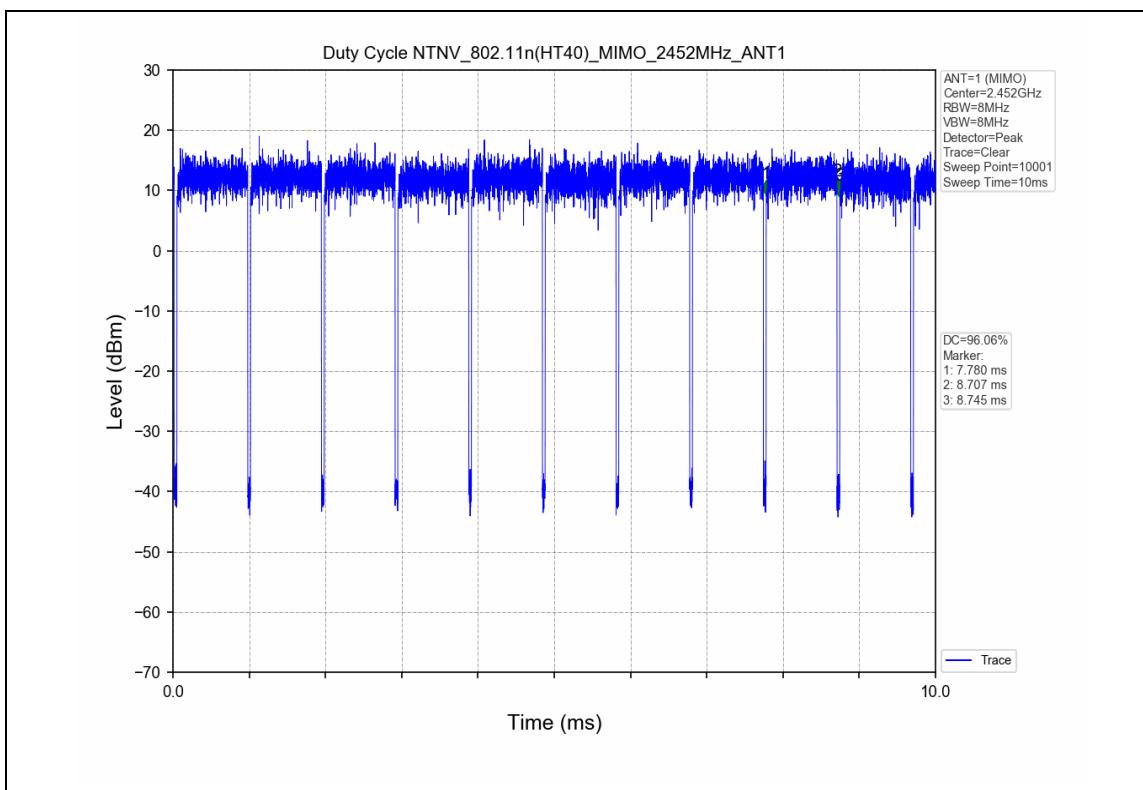
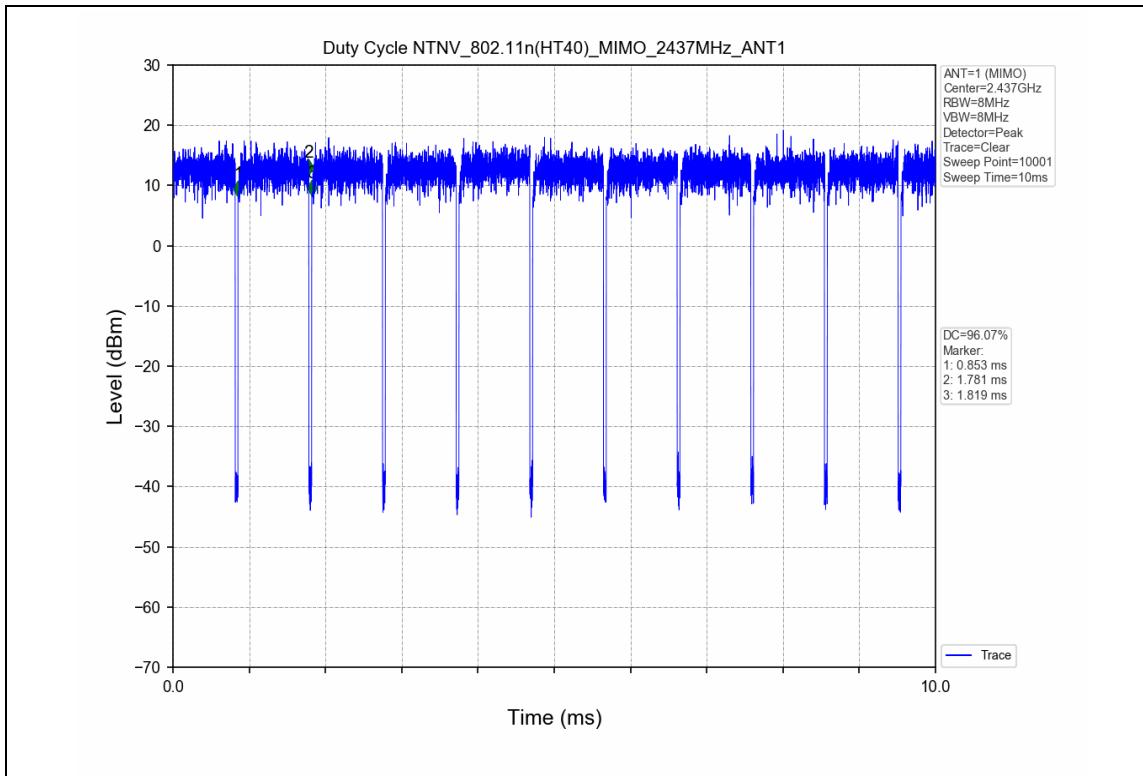
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2. Bandwidth

2.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	6.603	≥0.5	PASS
	2437	SISO	1	7.067	≥0.5	PASS
	2462	SISO	1	6.645	≥0.5	PASS
802.11g	2412	SISO	1	15.146	≥0.5	PASS
	2437	SISO	1	15.476	≥0.5	PASS
	2462	SISO	1	15.133	≥0.5	PASS
802.11n(HT20)	2412	MIMO	1	15.167	≥0.5	PASS
	2437	MIMO	1	15.108	≥0.5	PASS
	2462	MIMO	1	15.141	≥0.5	PASS
802.11n(HT40)	2422	MIMO	1	35.072	≥0.5	PASS
	2437	MIMO	1	31.354	≥0.5	PASS
	2452	MIMO	1	31.379	≥0.5	PASS

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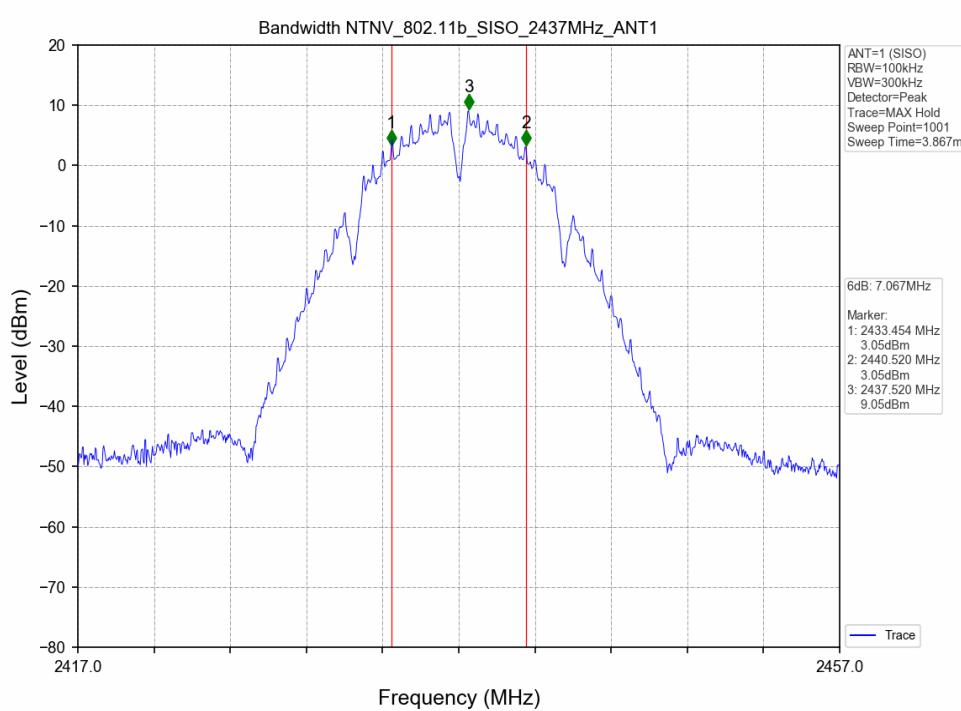
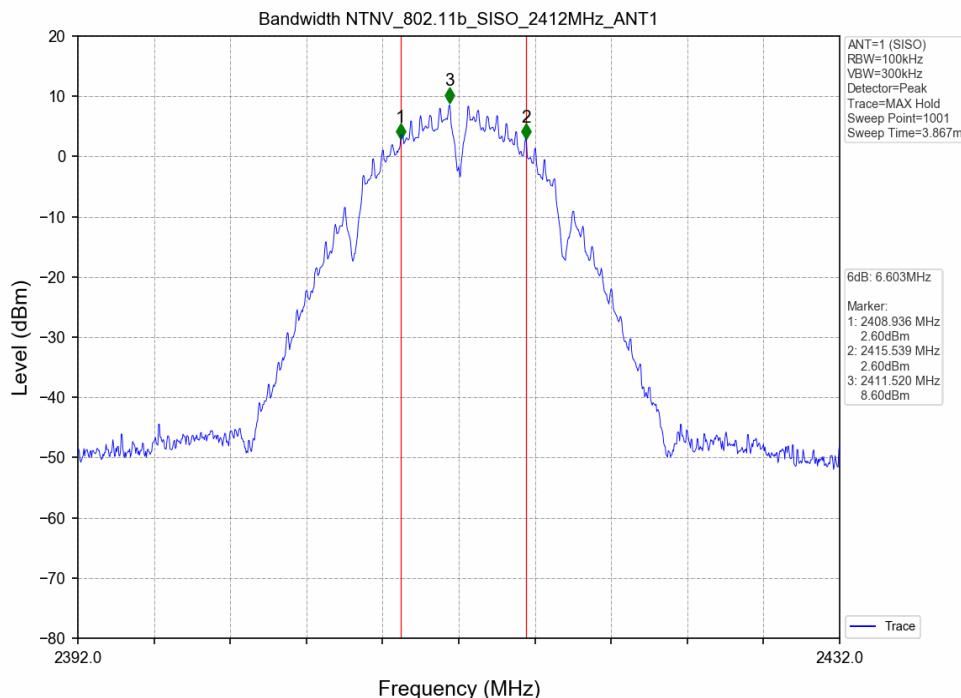
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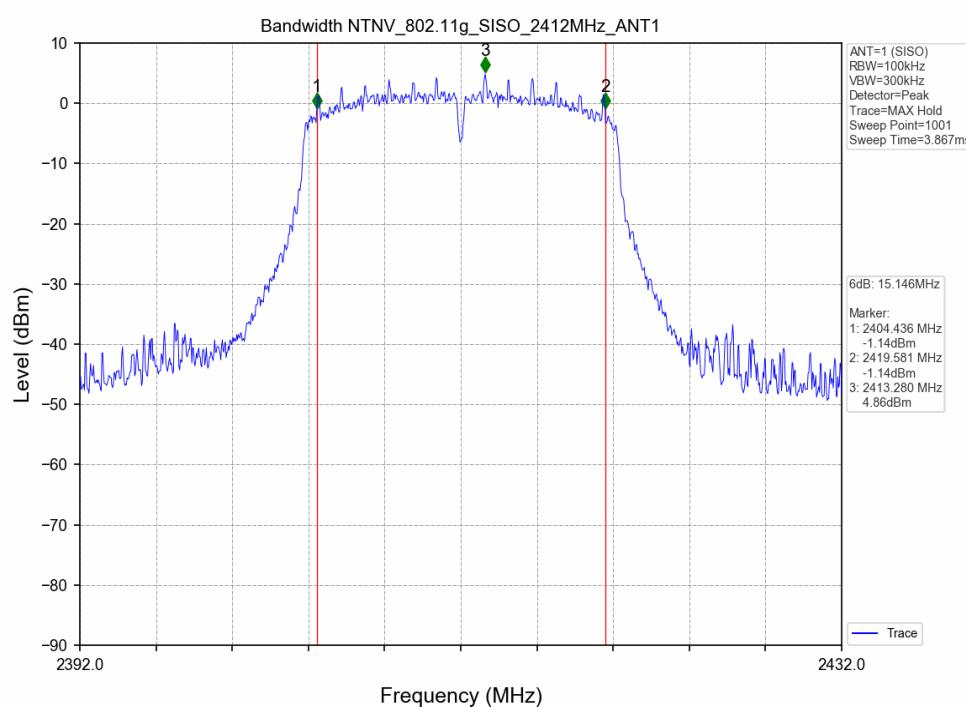
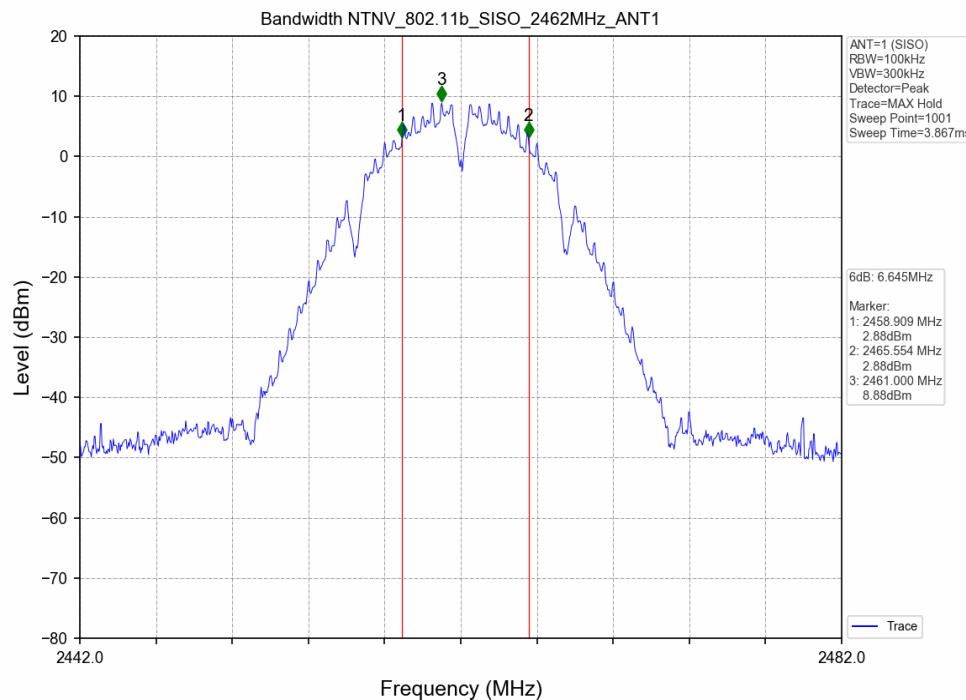
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2.2 Test Graph - 6dB Bandwidth



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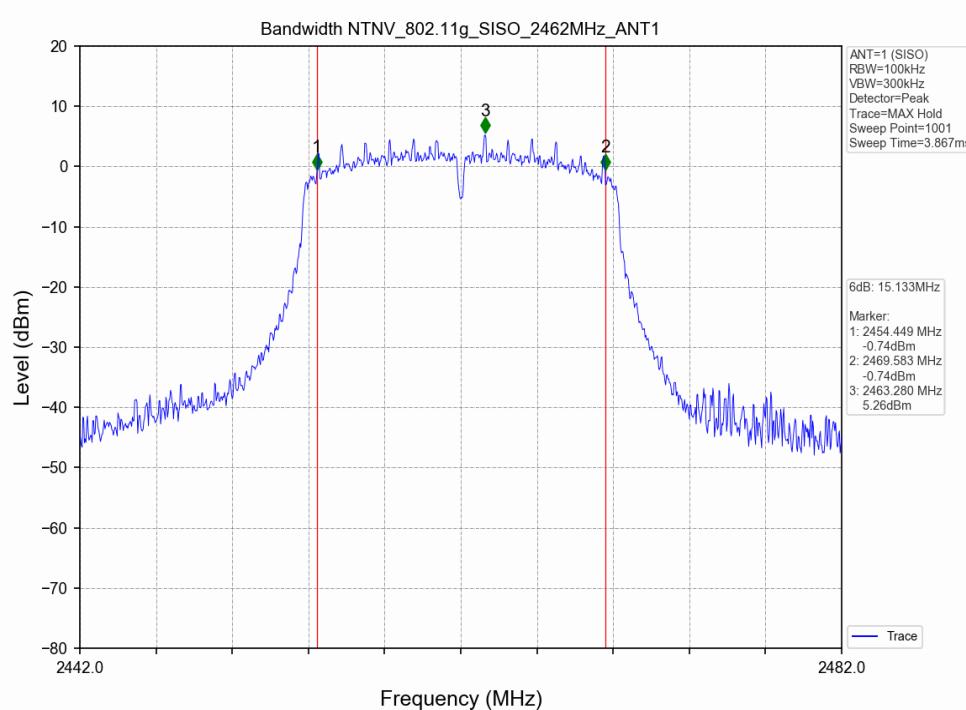
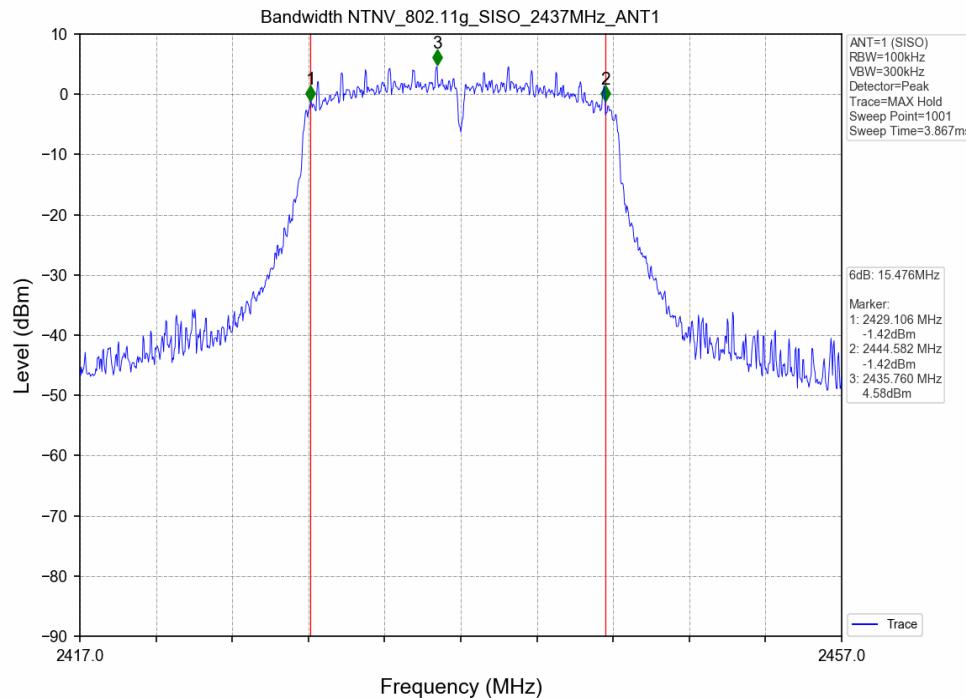


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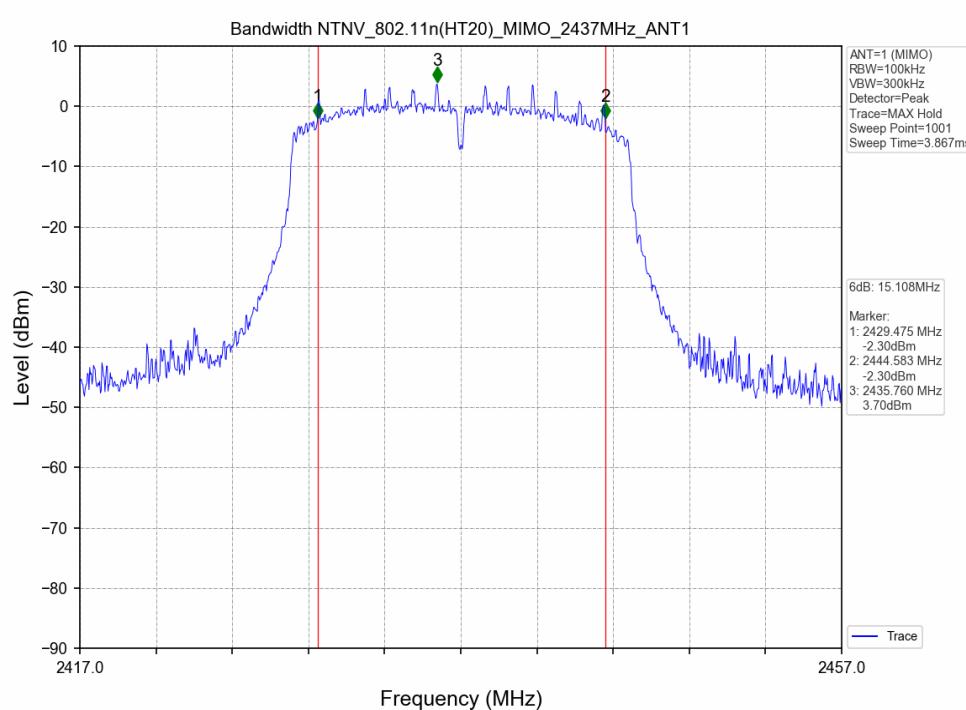
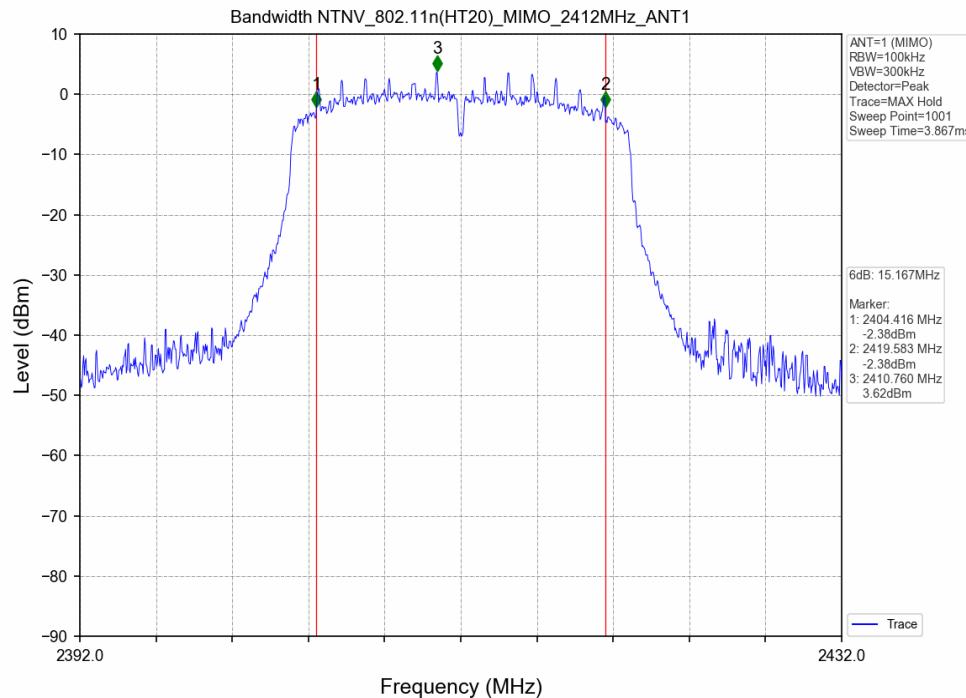


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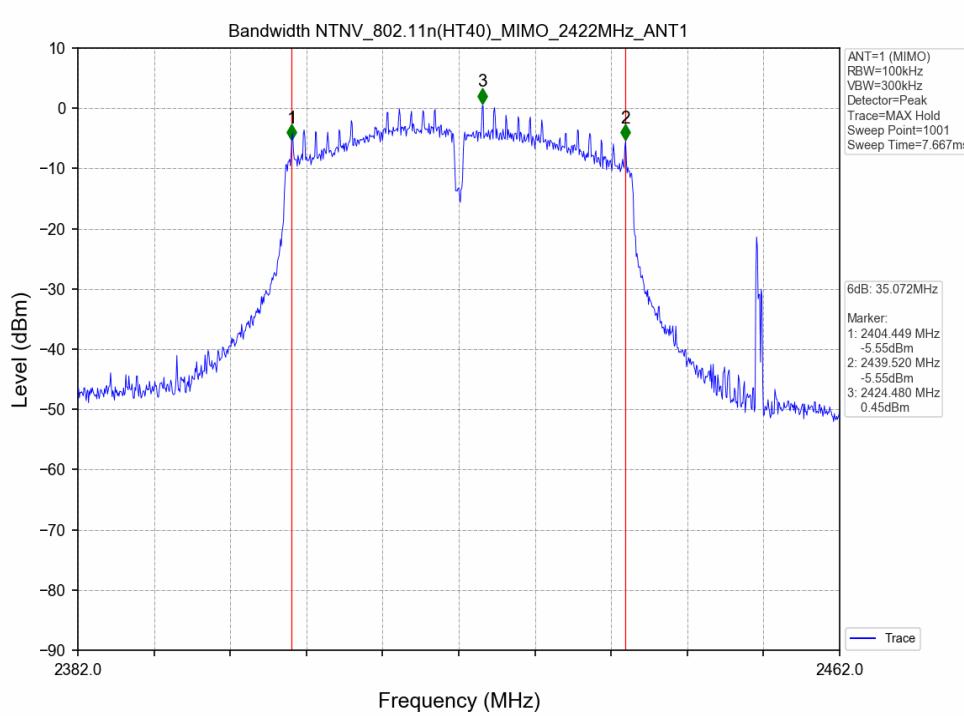
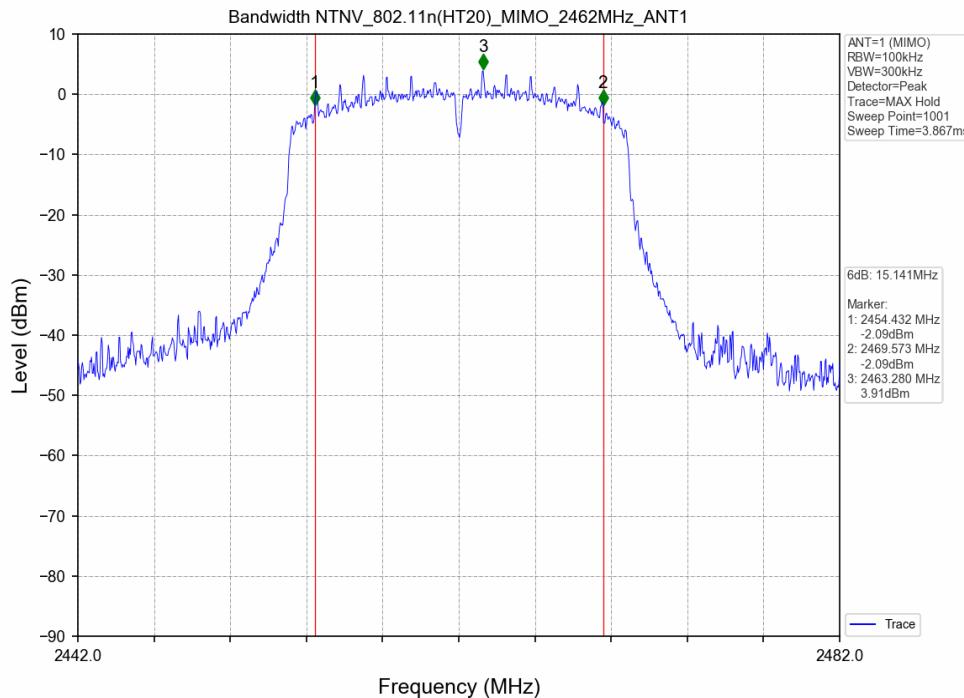


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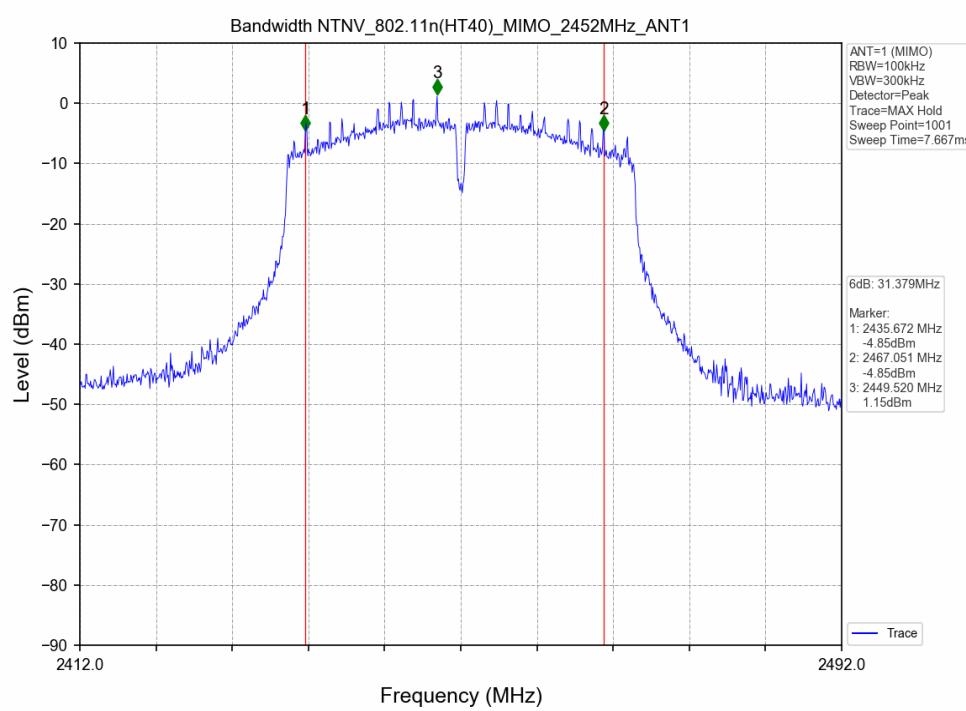
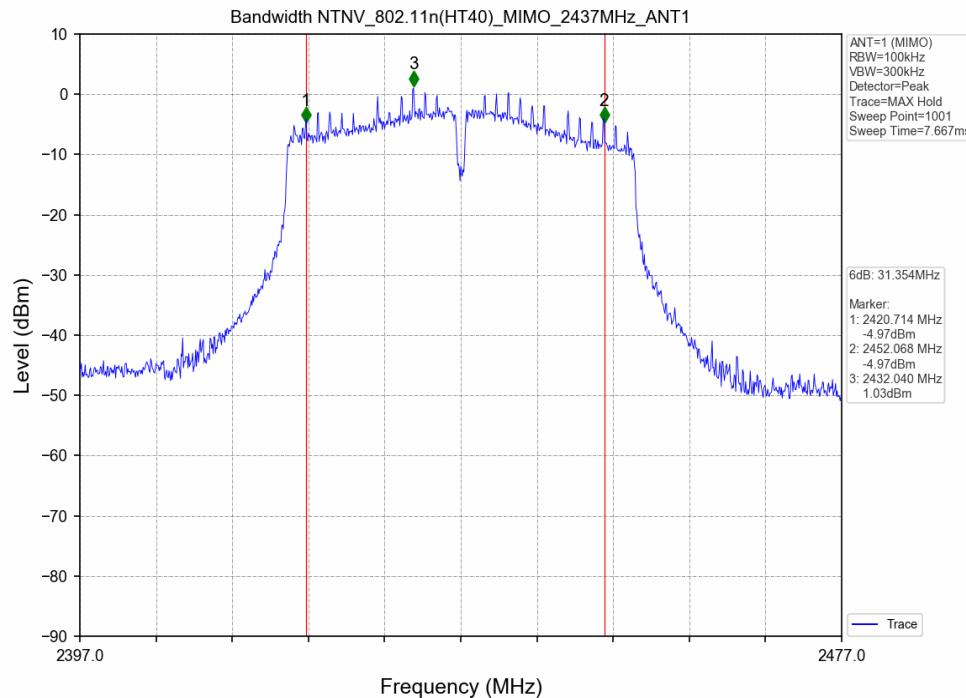


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3. Maximum Conducted Output Power

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	15.22	14.80	/	30	PASS
	2437	SISO	15.94	15.15	/	30	PASS
	2462	SISO	16.04	14.87	/	30	PASS
802.11g	2412	SISO	14.91	14.15	/	30	PASS
	2437	SISO	15.39	14.32	/	30	PASS
	2462	SISO	15.56	14.57	/	30	PASS
802.11n(HT20)	2412	MIMO	13.59	14.07	16.85	30	PASS
	2437	MIMO	13.81	14.02	16.93	30	PASS
	2462	MIMO	13.90	14.11	17.02	30	PASS
802.11n(HT40)	2422	MIMO	12.93	13.99	16.50	30	PASS
	2437	MIMO	12.90	14.35	16.70	30	PASS
	2452	MIMO	13.11	14.49	16.86	30	PASS

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

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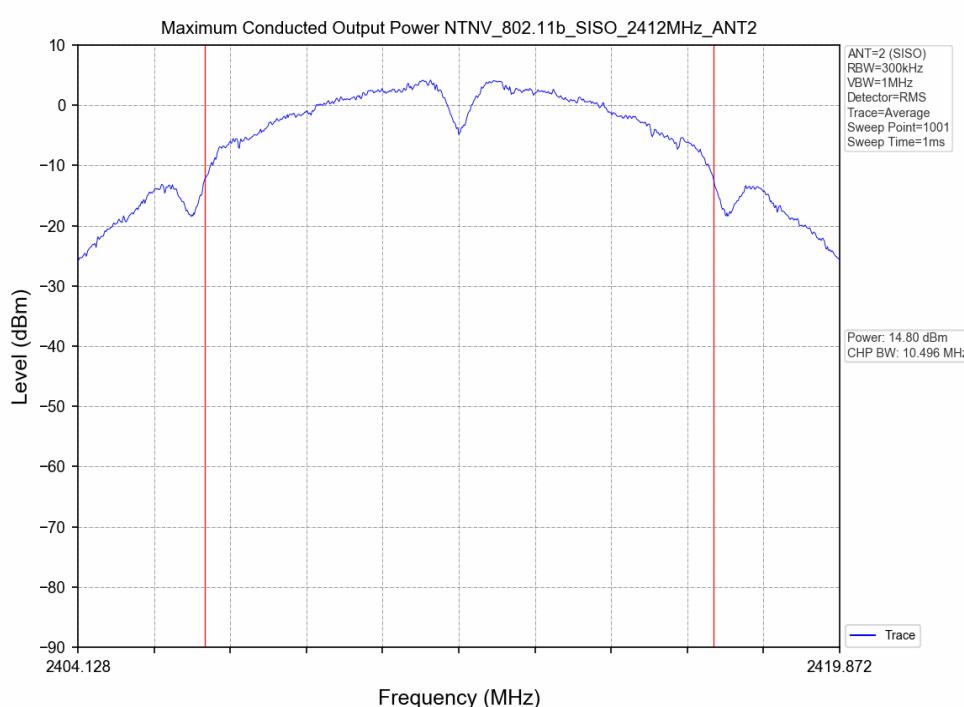
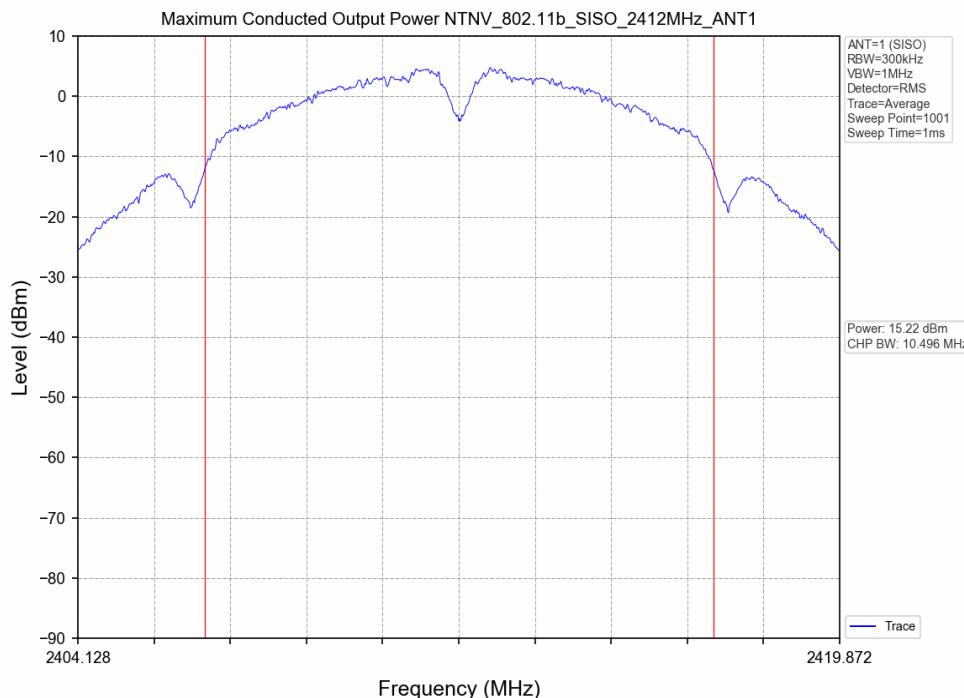
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3.2 Test Graph



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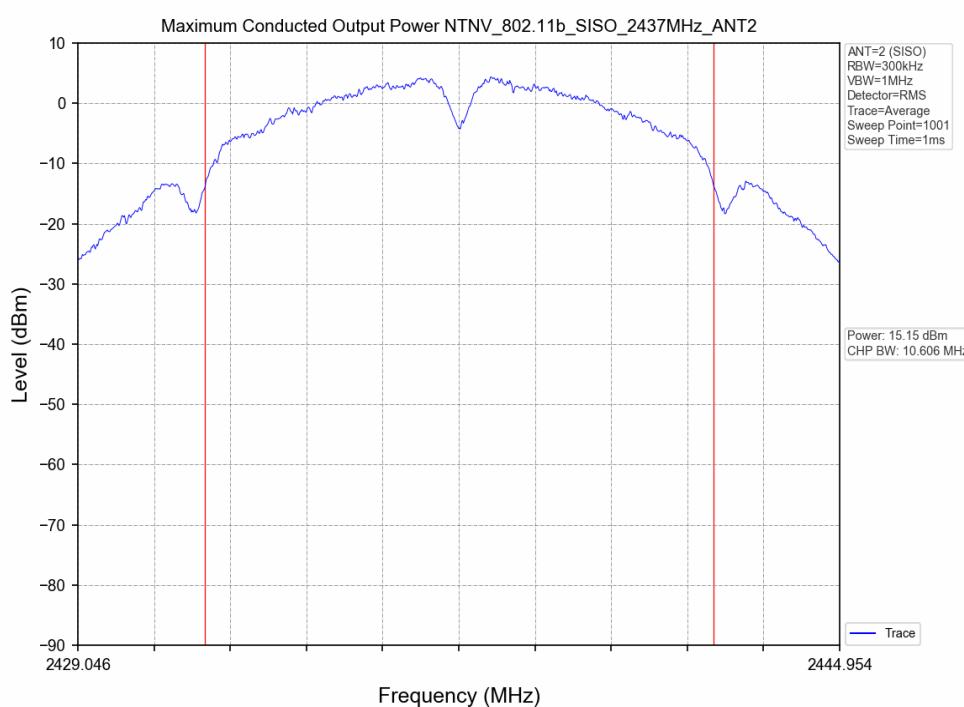
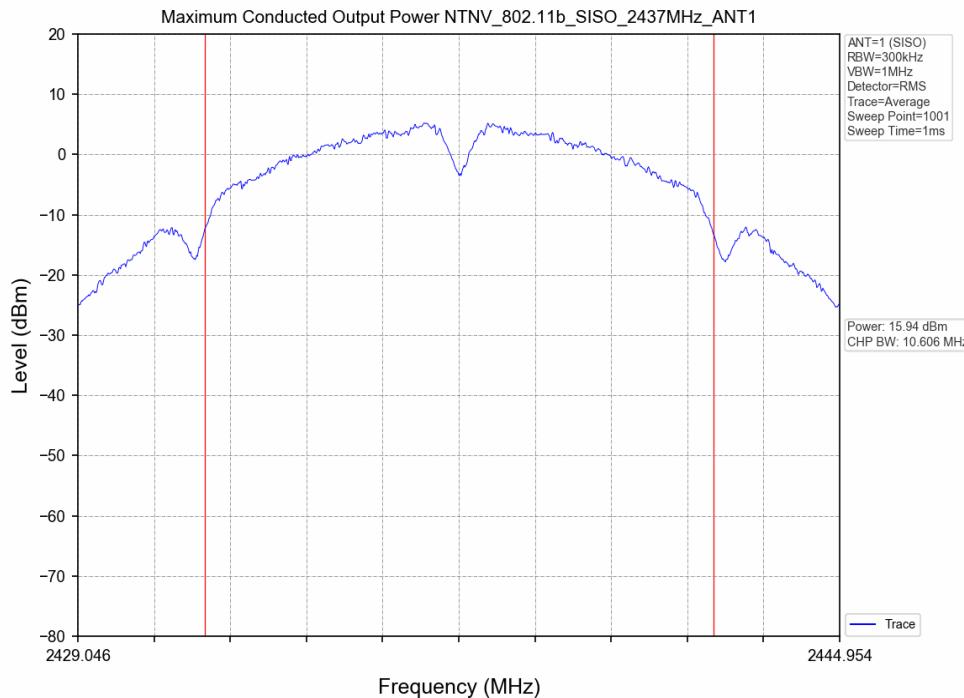


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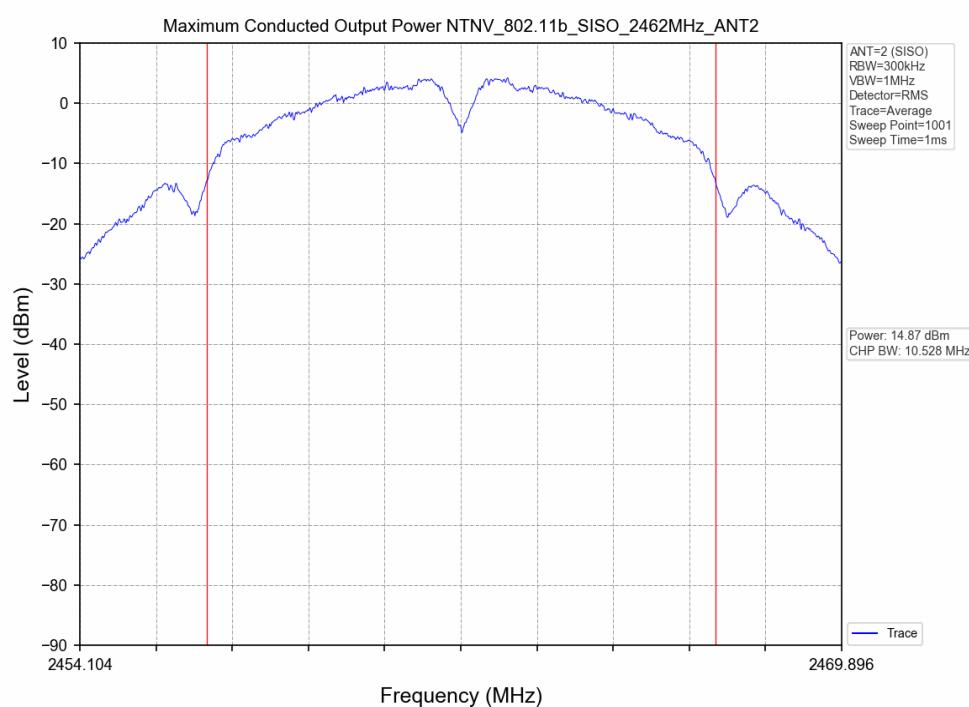
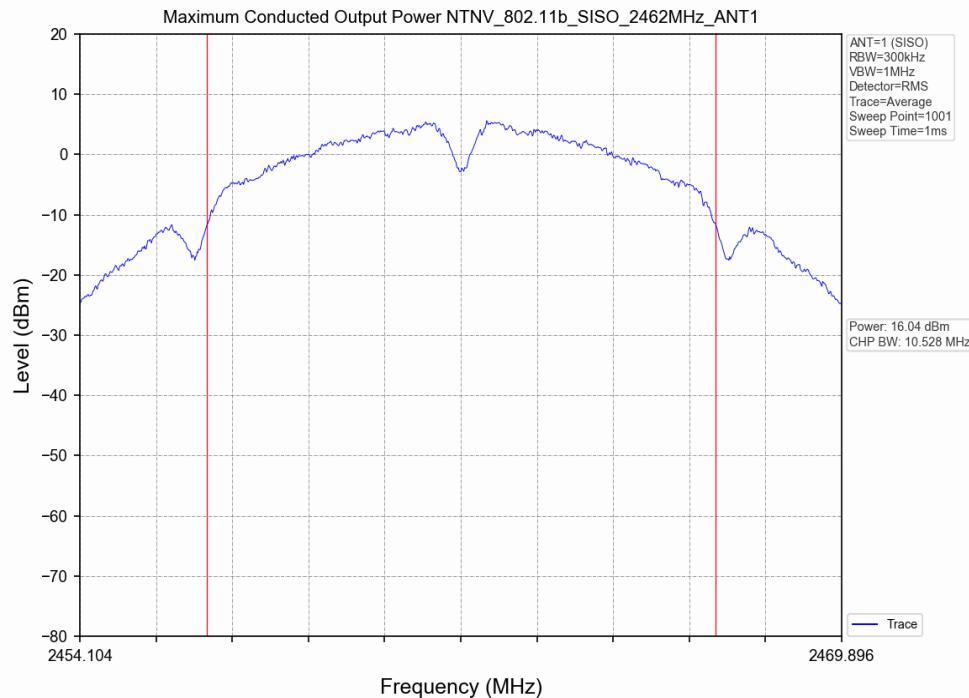
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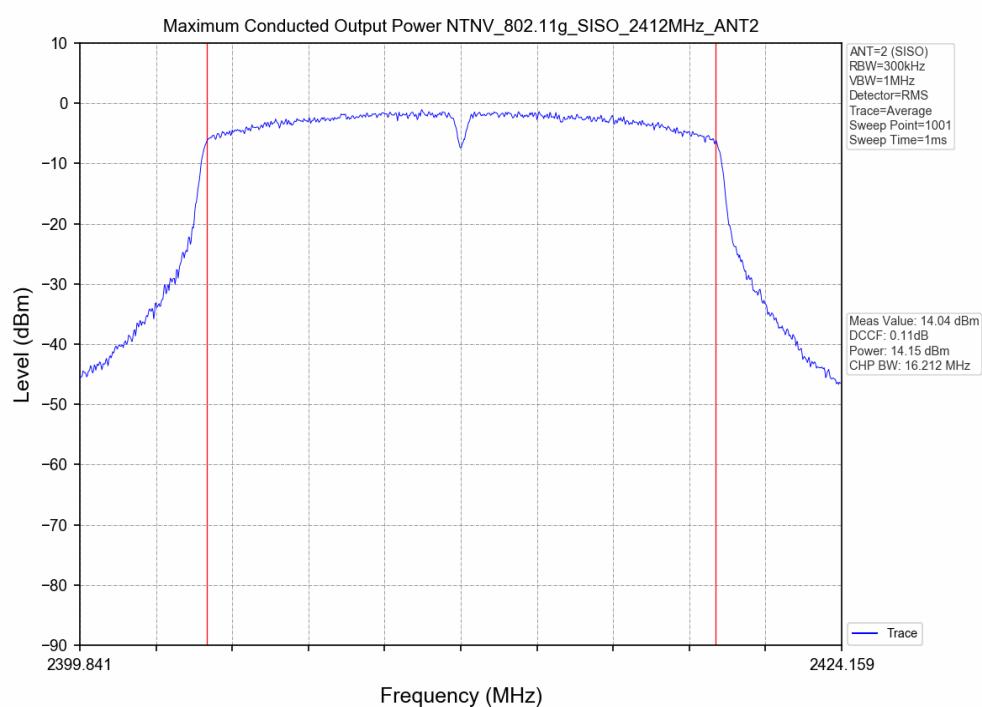
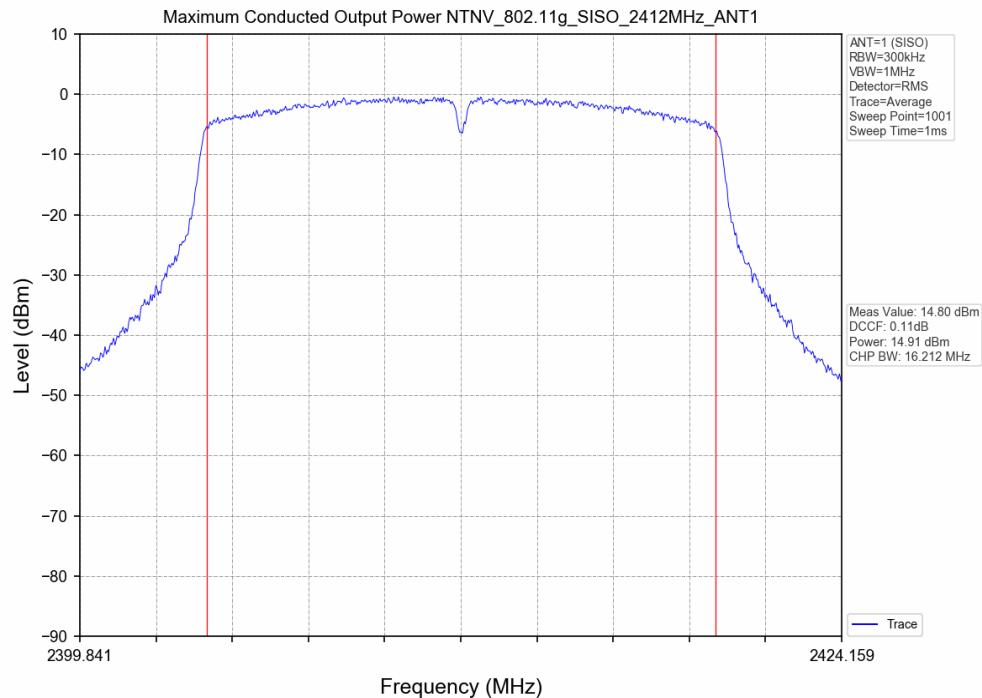
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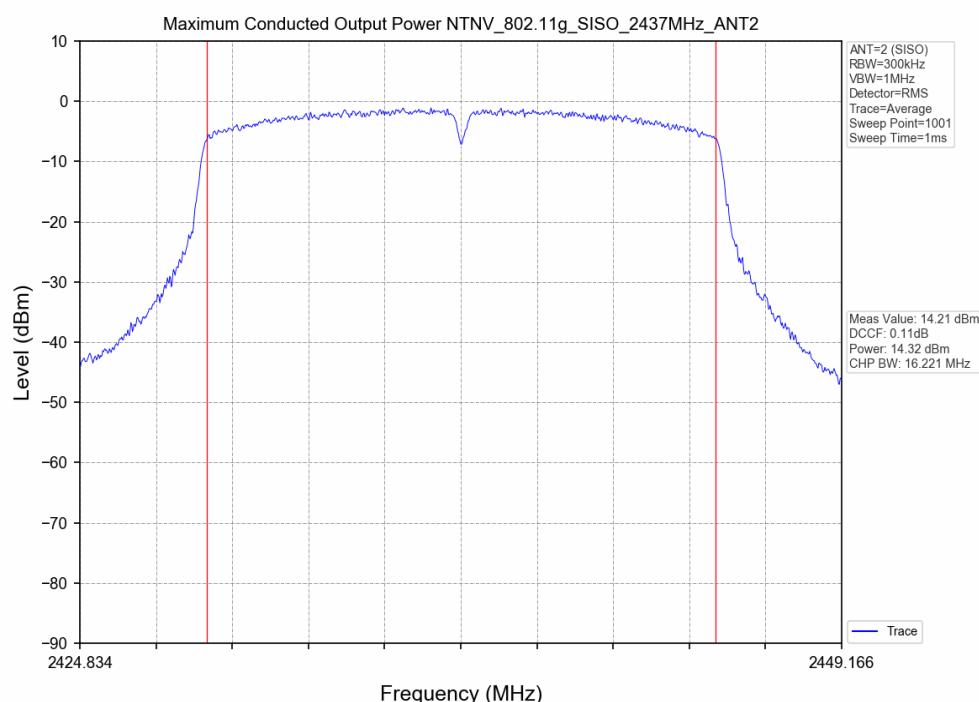
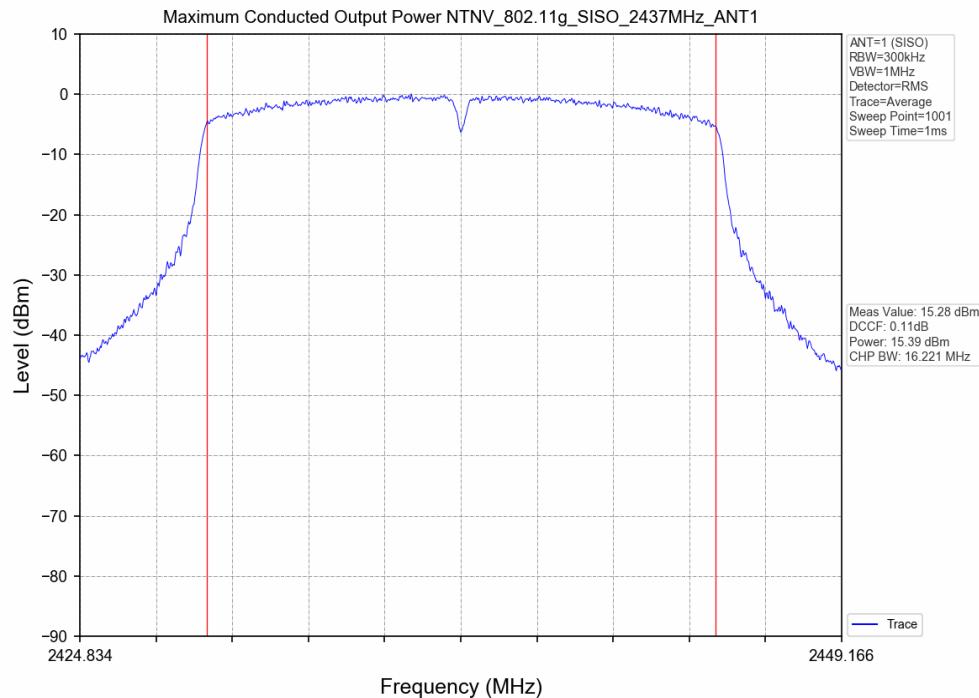
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