



Appendix A for SZCR210300003001

1. Bandwidth

1.1 Test Result

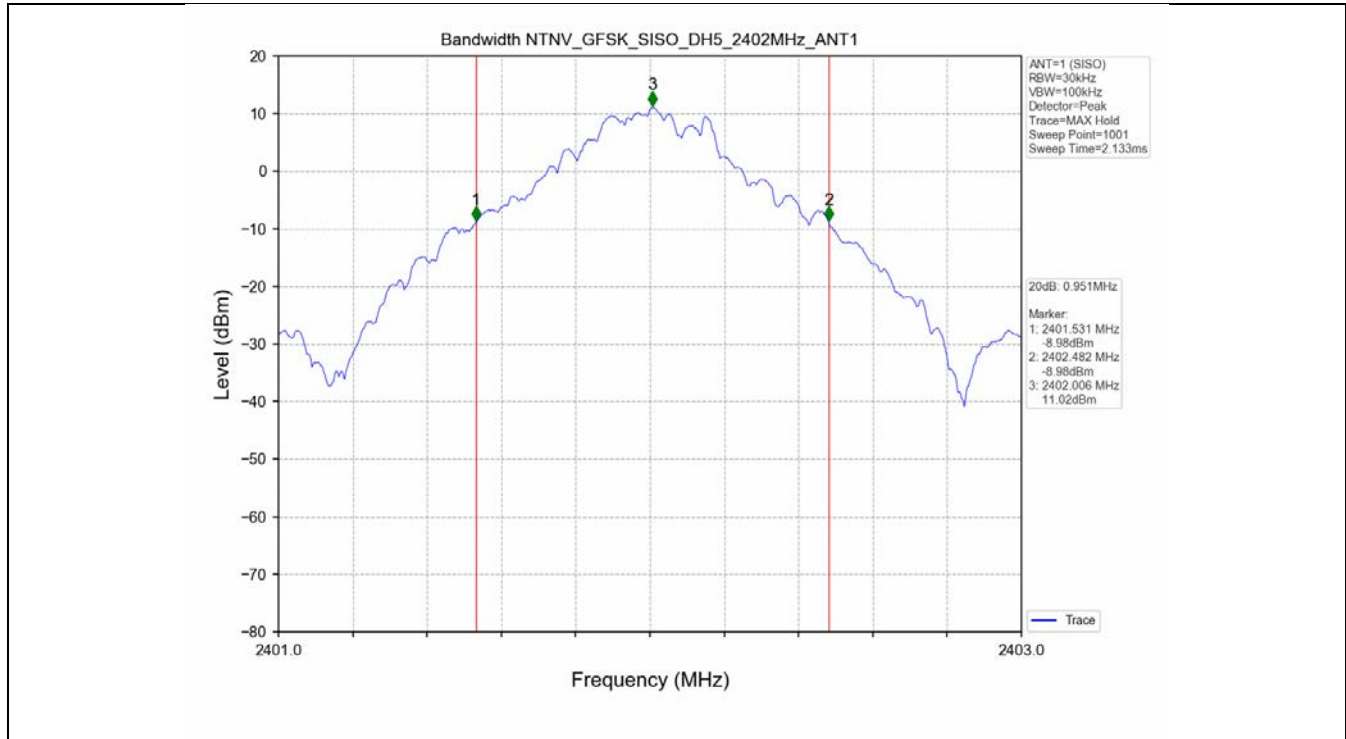
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.951	PASS
	2441	SISO	1	0.955	PASS
	2480	SISO	1	0.963	PASS
Pi/4DQPSK	2402	SISO	1	1.280	PASS
	2441	SISO	1	1.282	PASS
	2480	SISO	1	1.289	PASS
8DPSK	2402	SISO	1	1.306	PASS
	2441	SISO	1	1.295	PASS
	2480	SISO	1	1.295	PASS

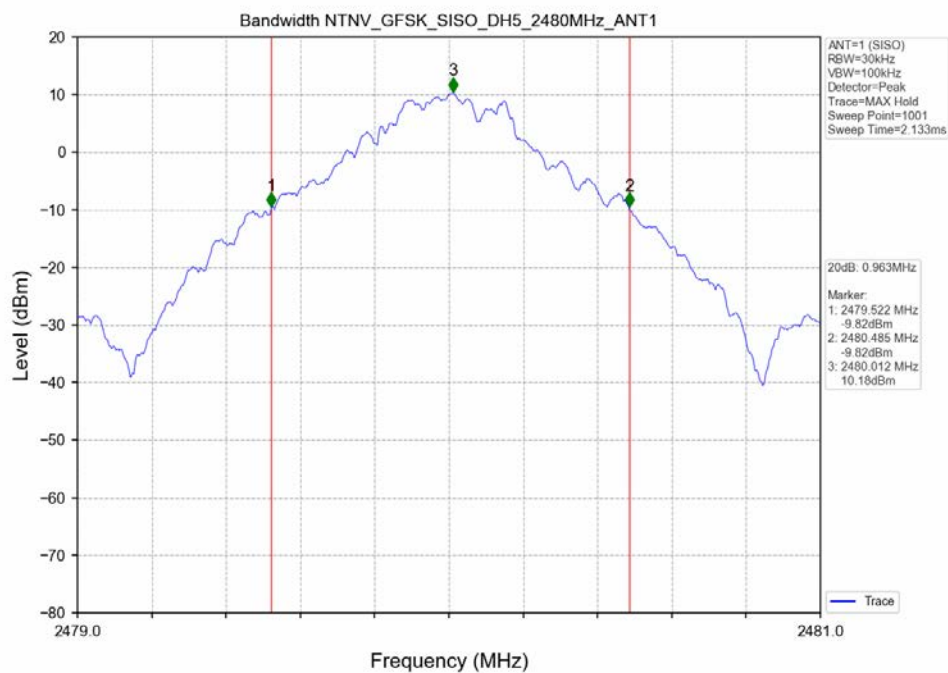
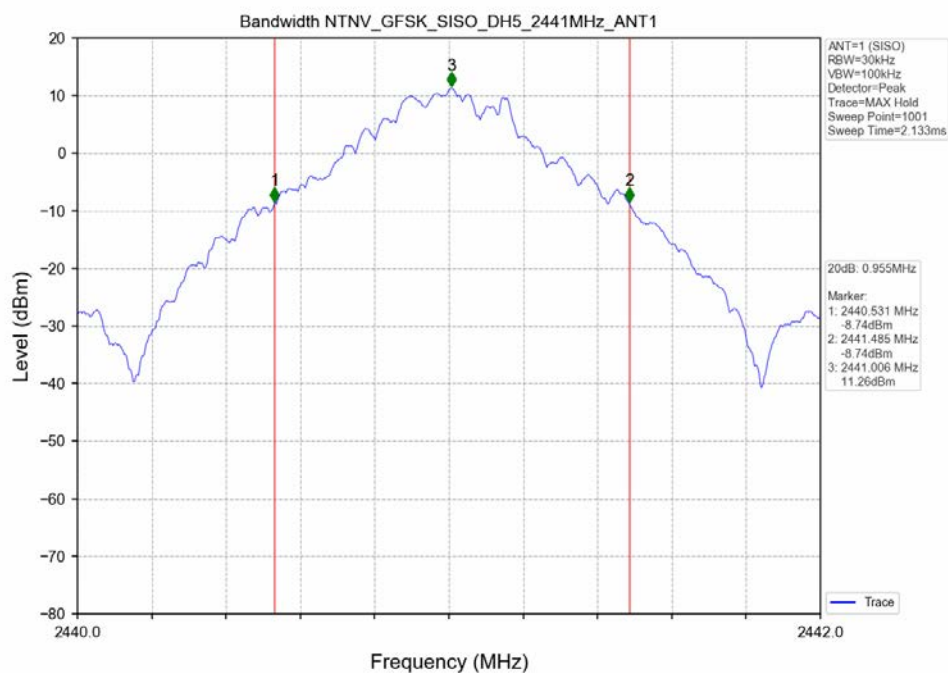
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.897	Only for Report Use
	2441	SISO	1	0.896	Only for Report Use
	2480	SISO	1	0.900	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.179	Only for Report Use
	2441	SISO	1	1.179	Only for Report Use
	2480	SISO	1	1.174	Only for Report Use
8DPSK	2402	SISO	1	1.182	Only for Report Use
	2441	SISO	1	1.180	Only for Report Use
	2480	SISO	1	1.182	Only for Report Use





1.2 Test Graph - 20dB Bandwidth

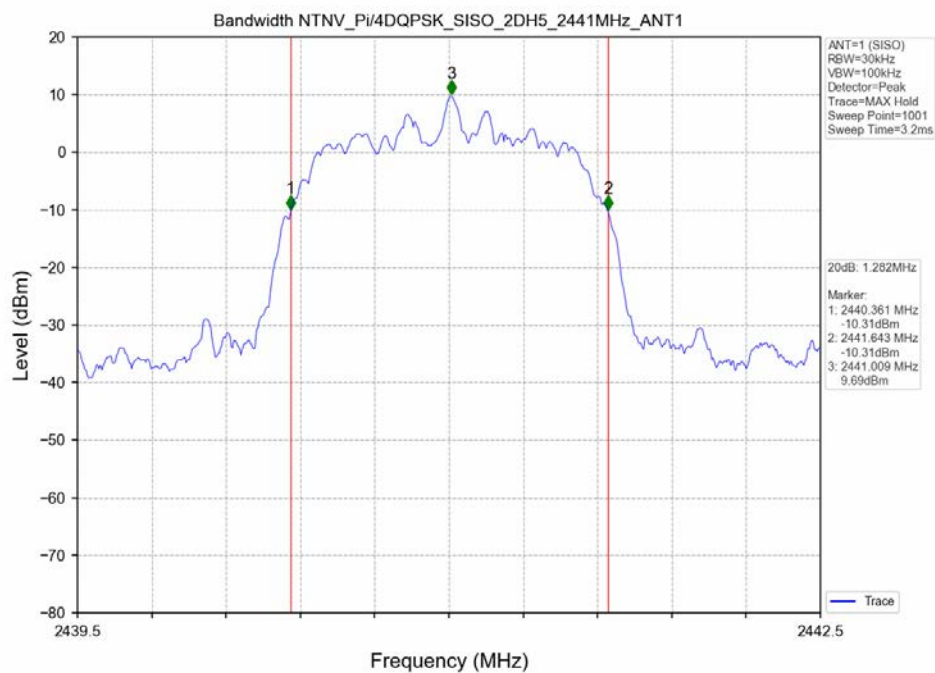
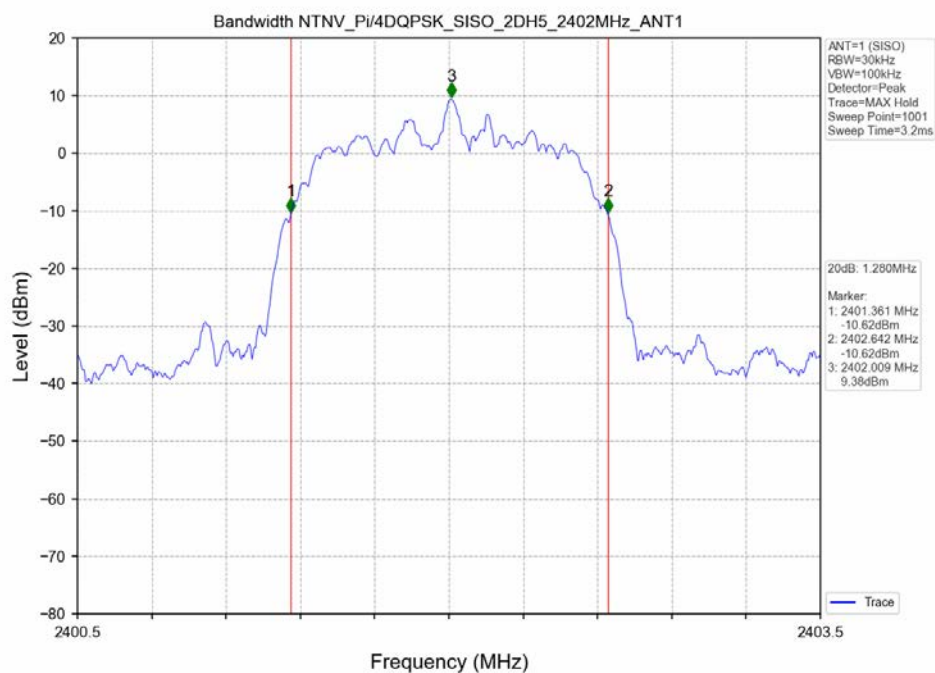




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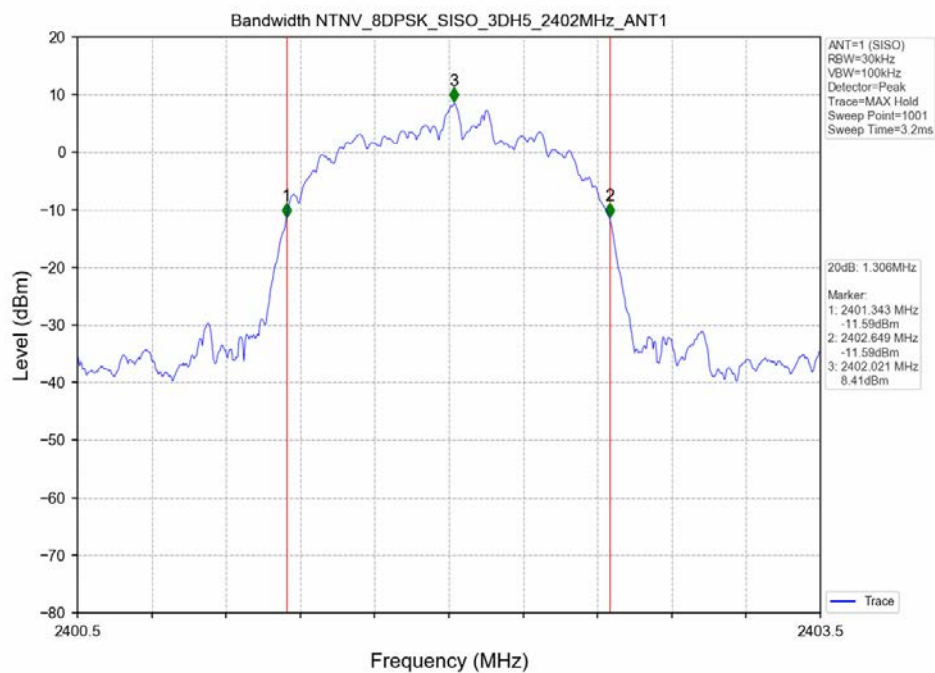
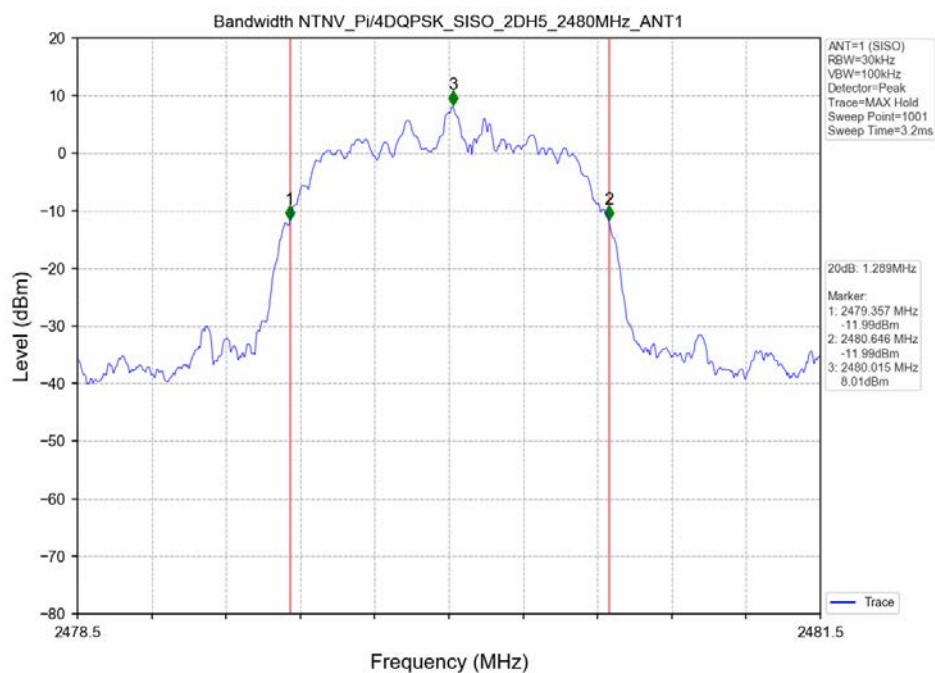


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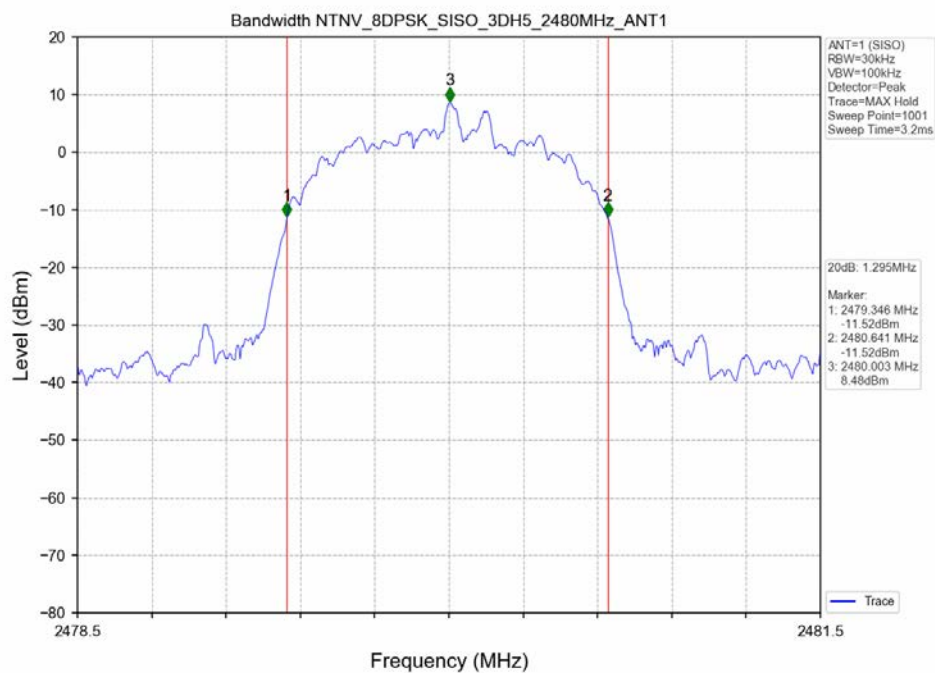
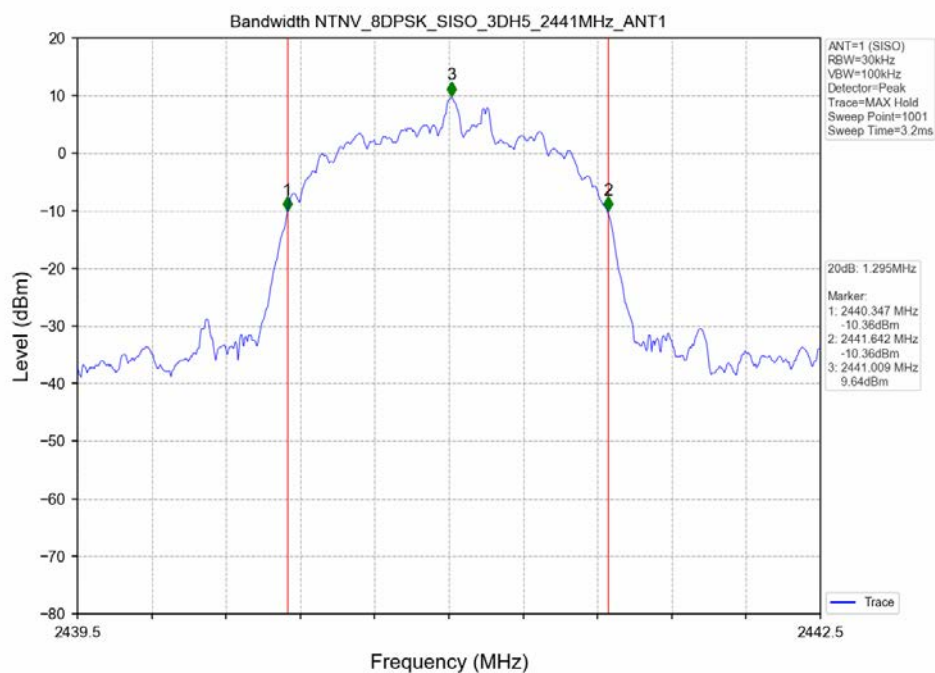
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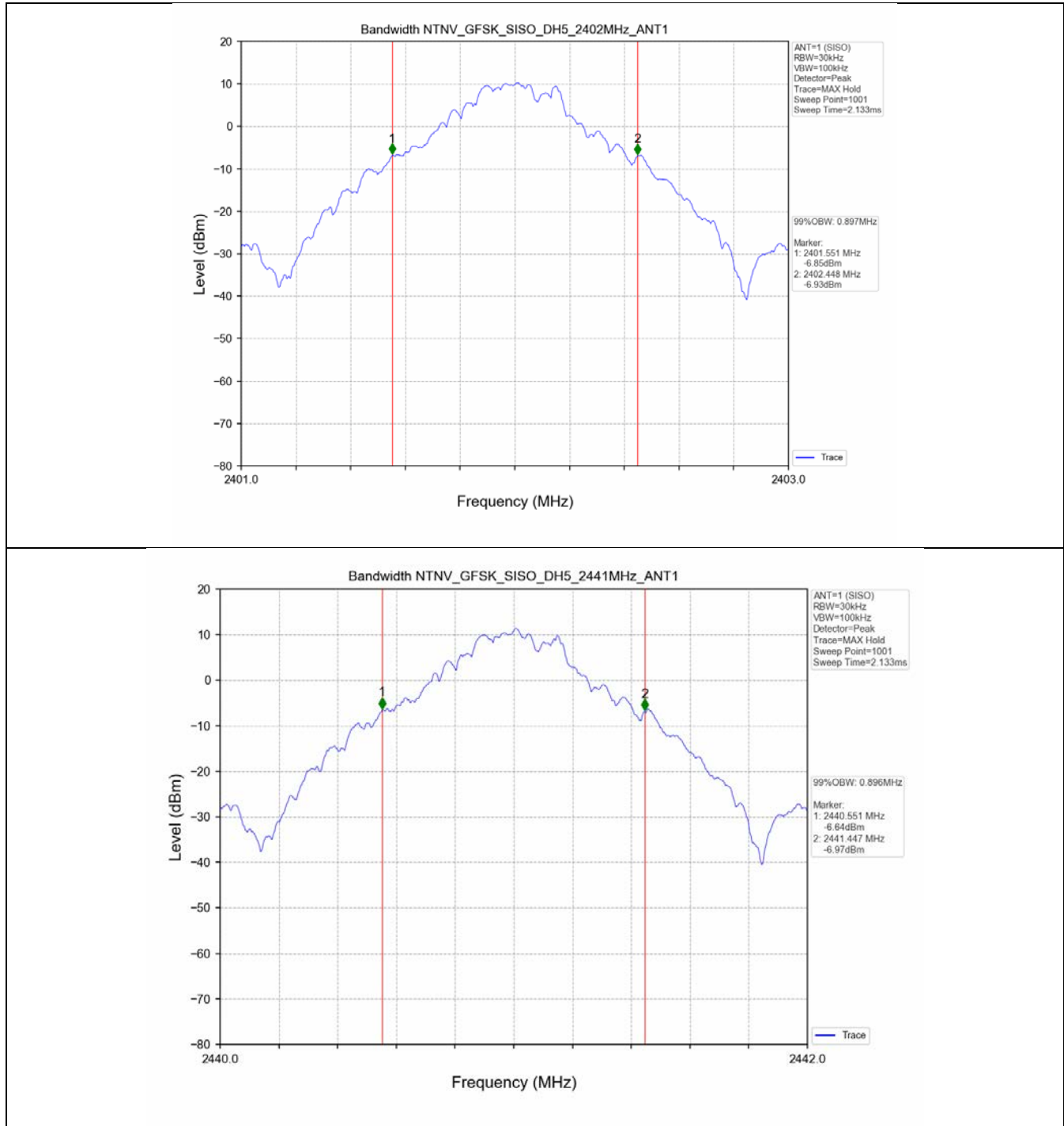


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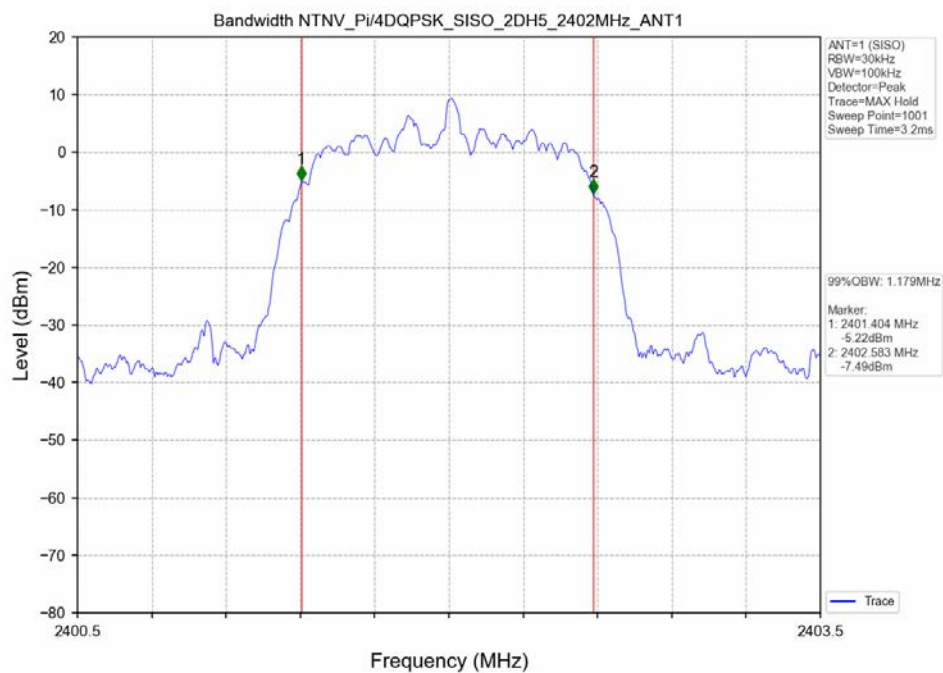
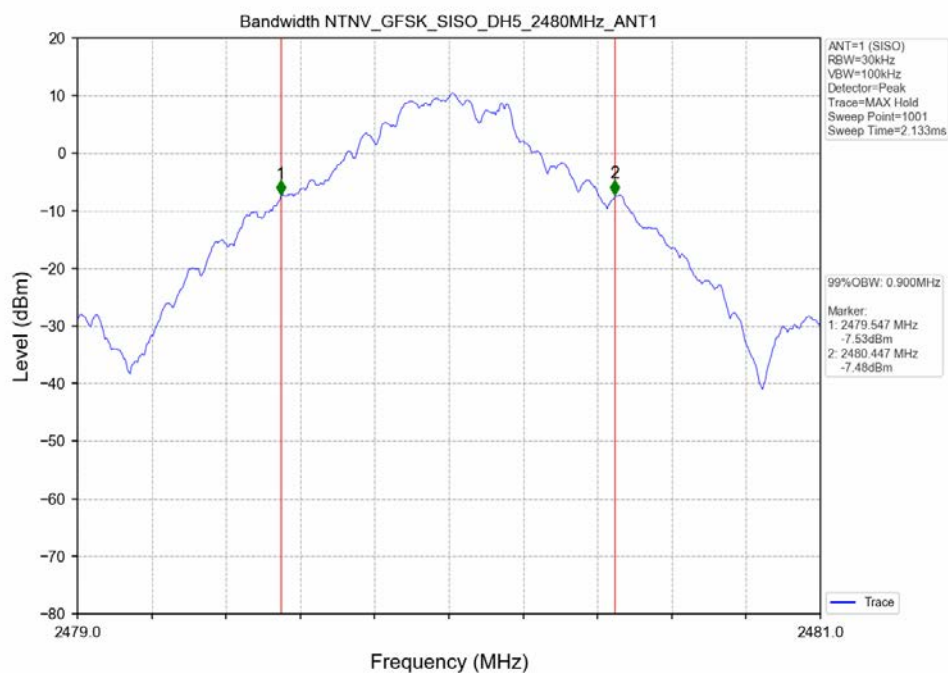
1.3 Test Graph - 99% Occupied Bandwidth

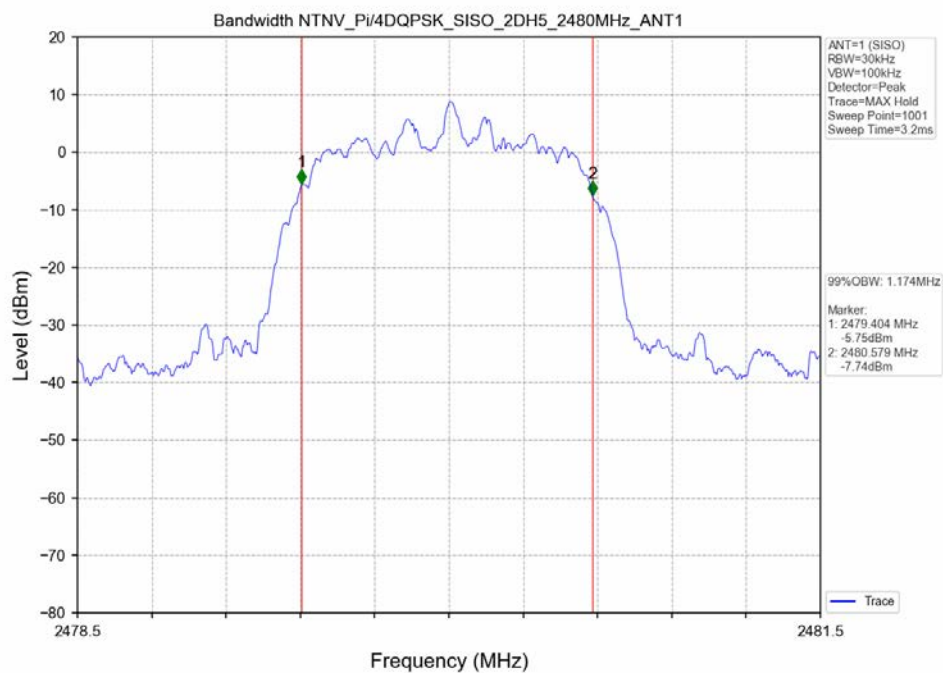
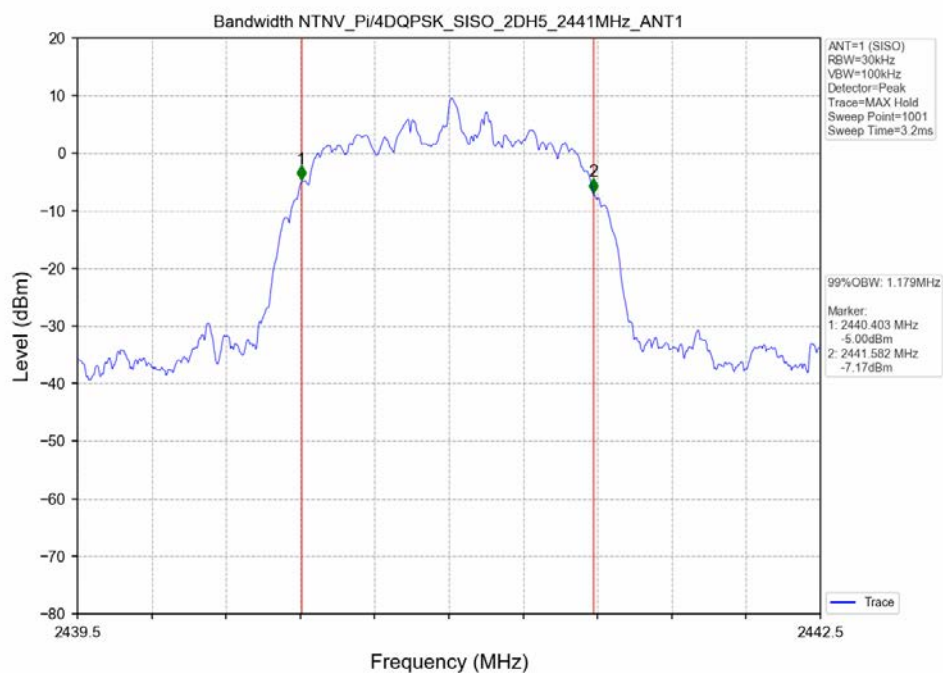


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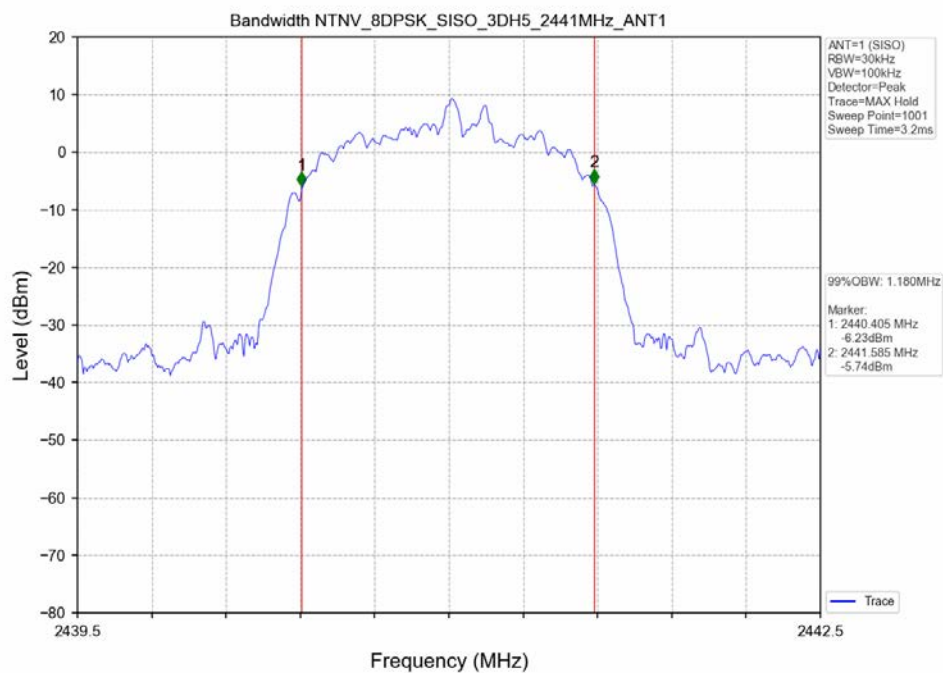
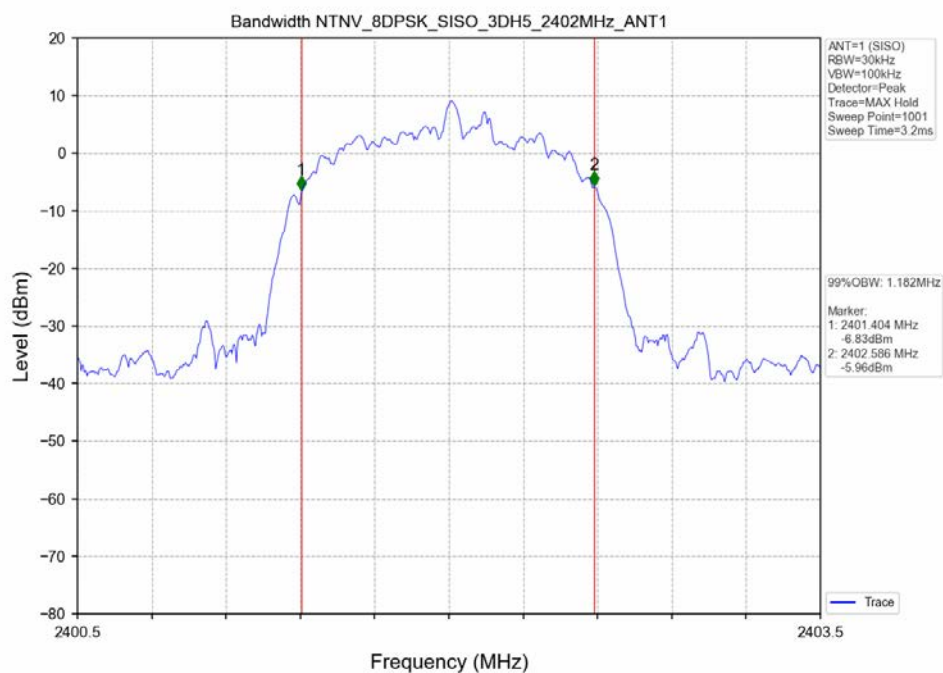


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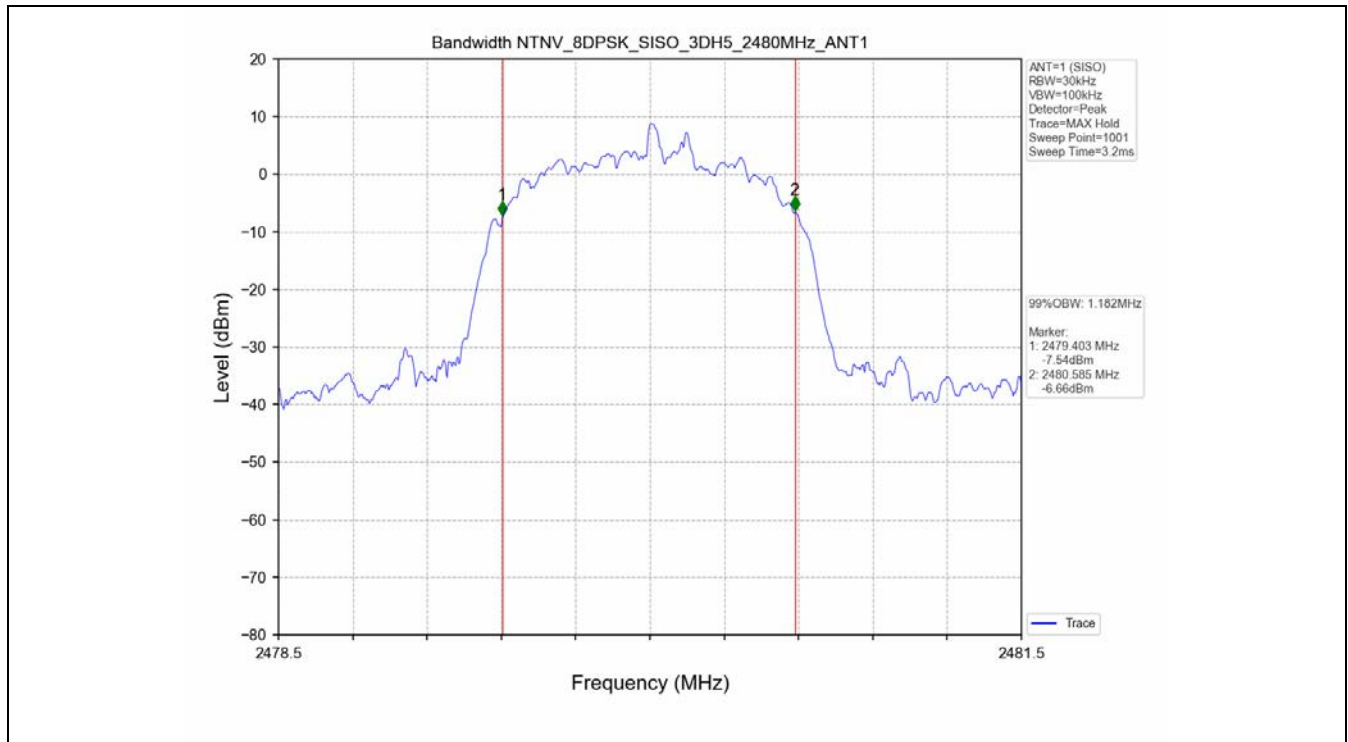


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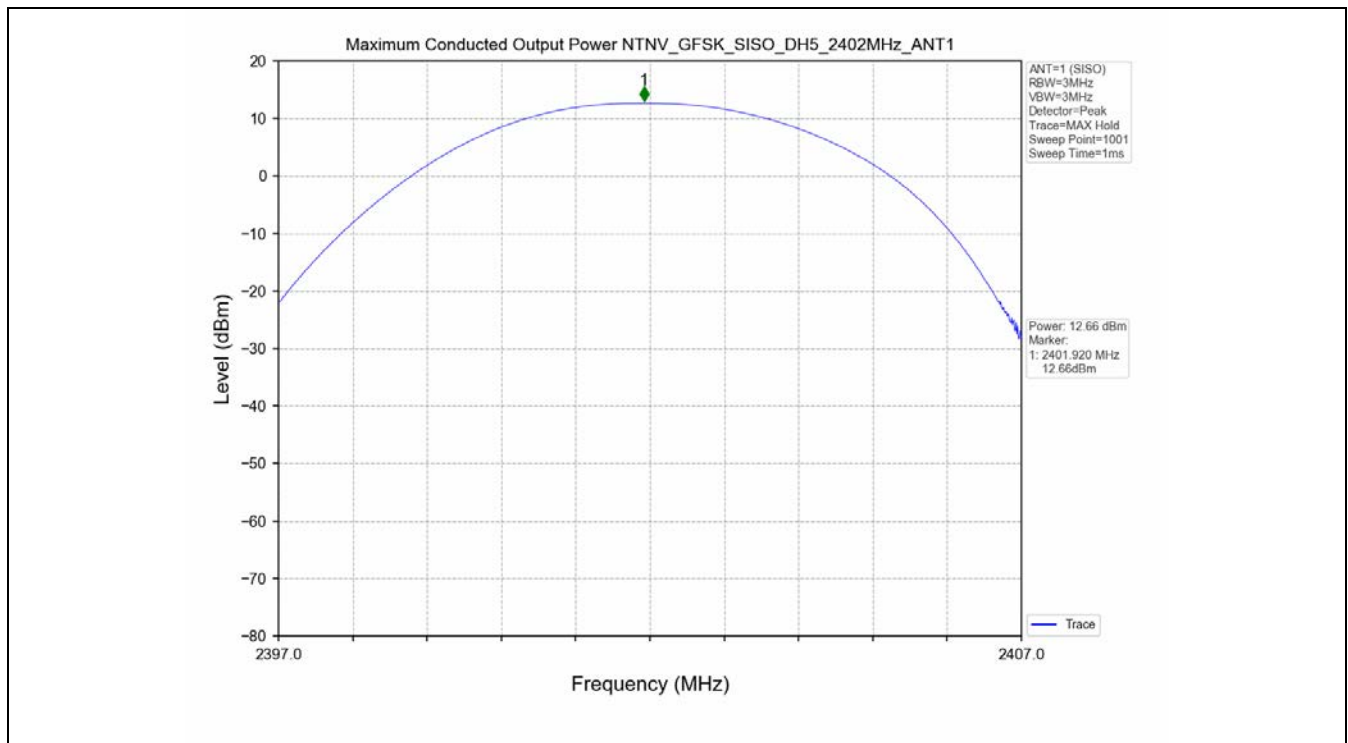


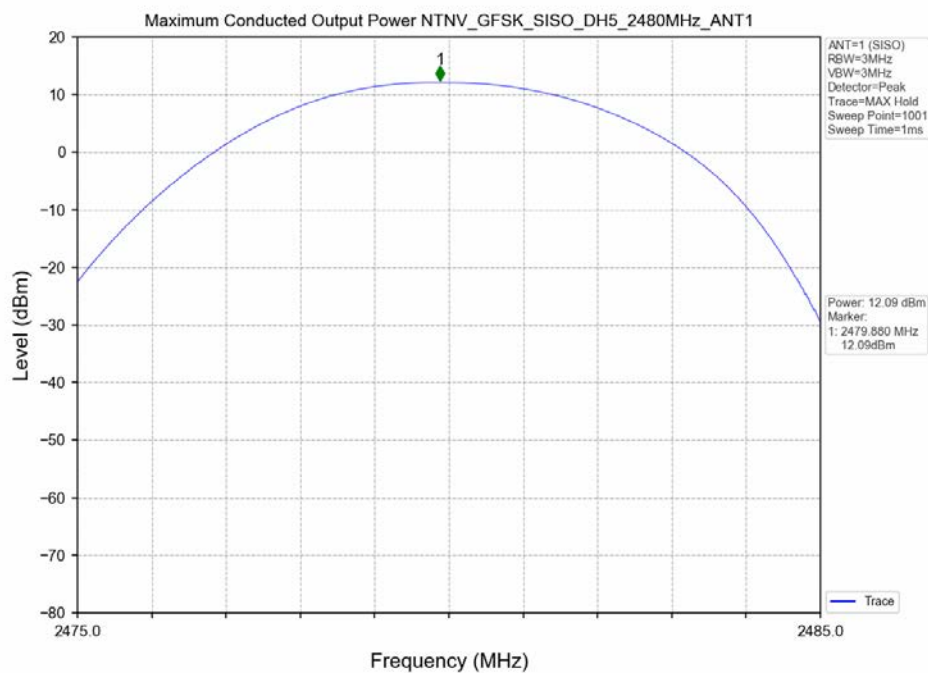
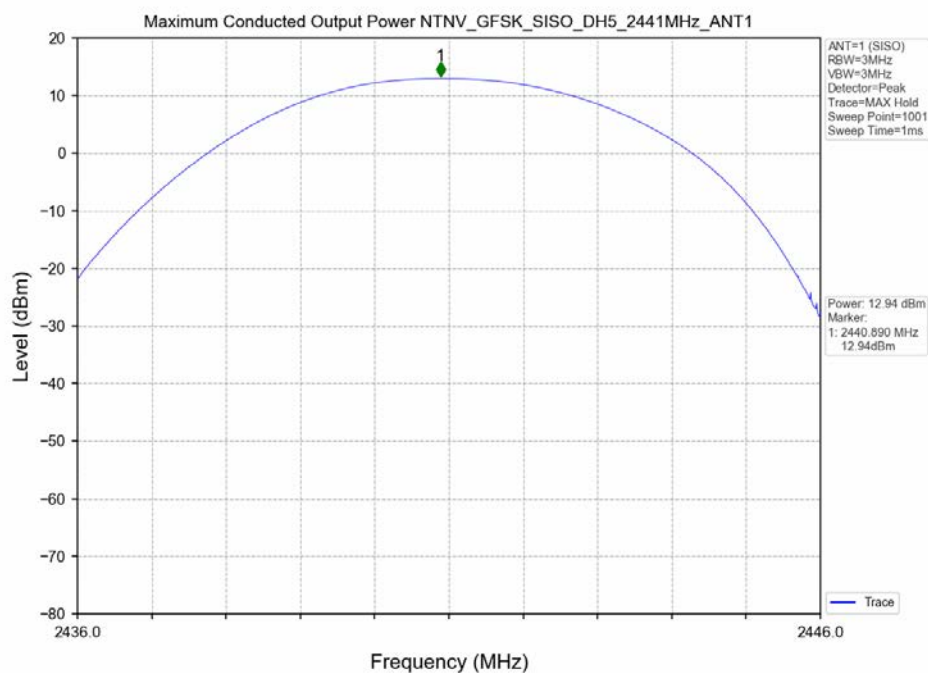
2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	12.66	30	PASS
	2441	SISO	12.94	30	PASS
	2480	SISO	12.09	30	PASS
PI/4DQPSK	2402	SISO	12.77	20.97	PASS
	2441	SISO	13.00	20.97	PASS
	2480	SISO	12.15	20.97	PASS
8DPSK	2402	SISO	10.58	20.97	PASS
	2441	SISO	13.33	20.97	PASS
	2480	SISO	12.47	20.97	PASS

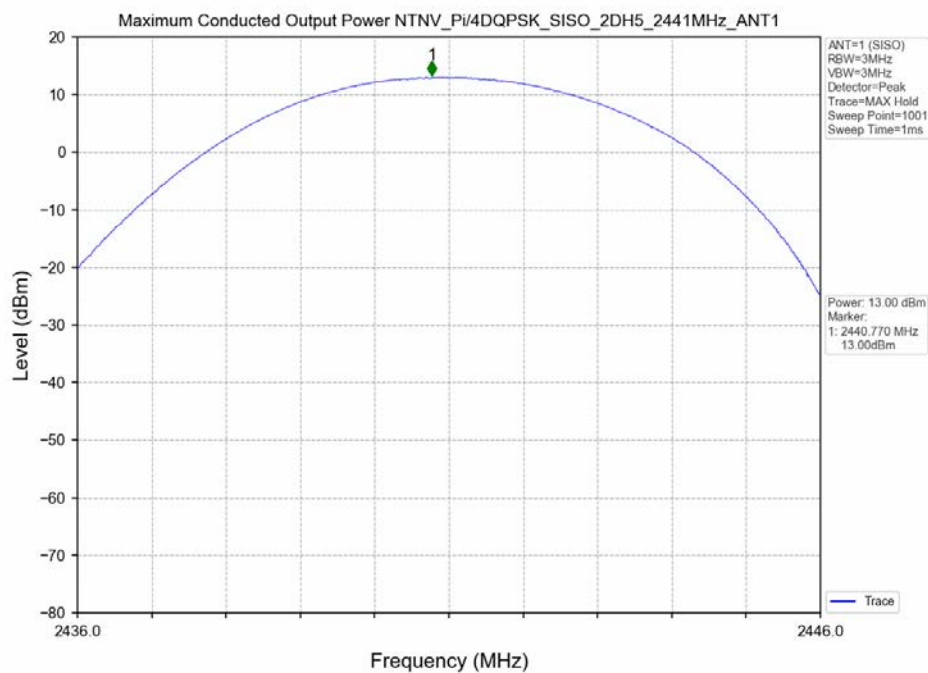
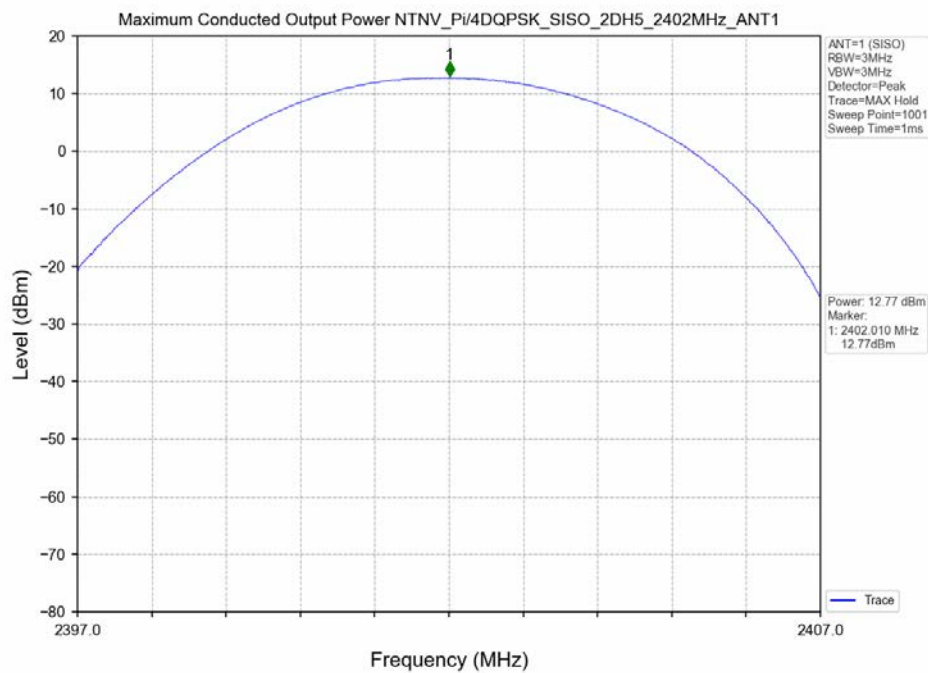
2.2 Test Graph





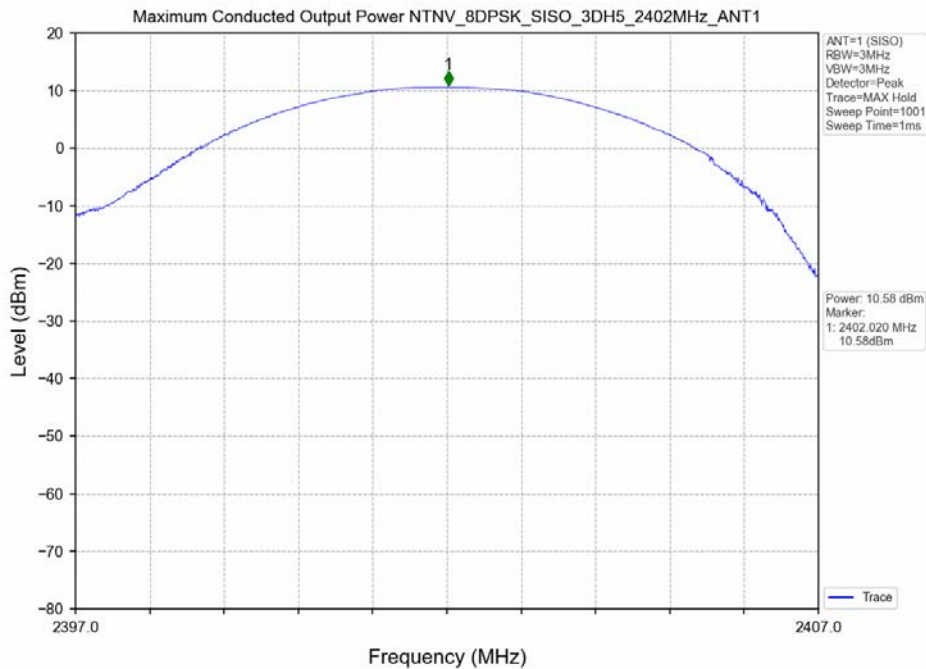
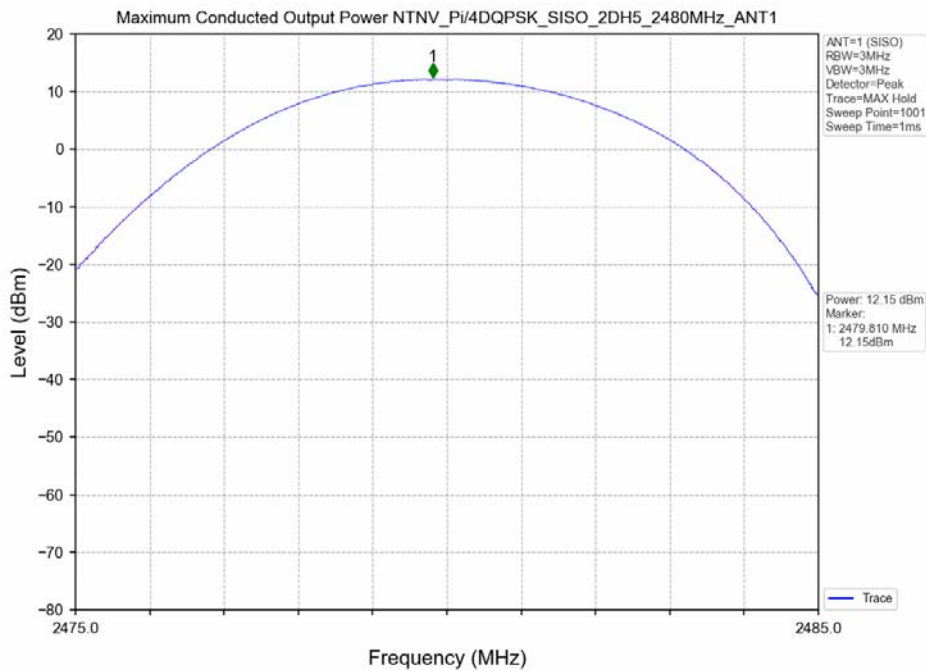
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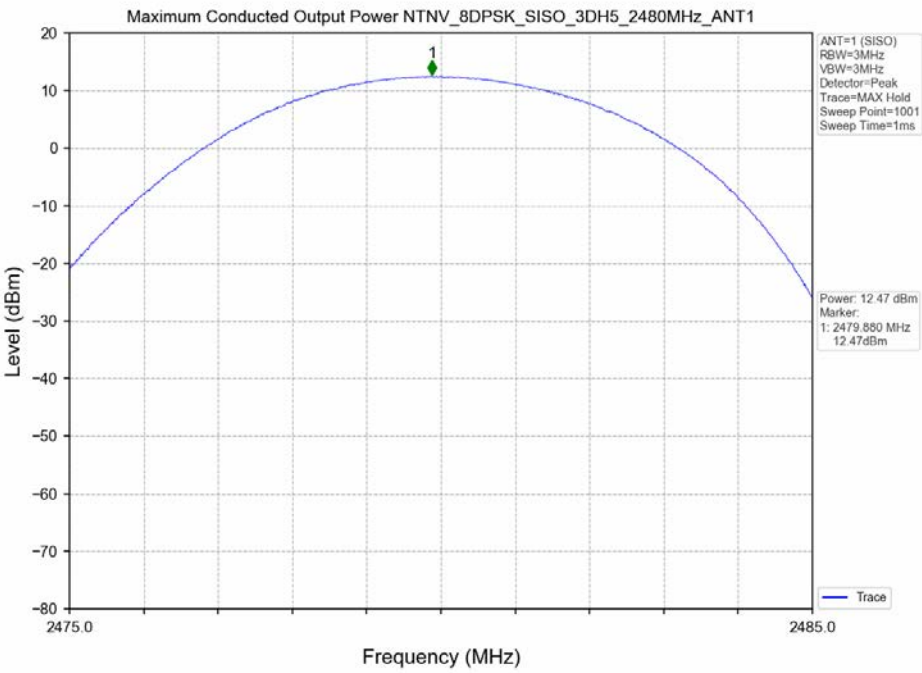
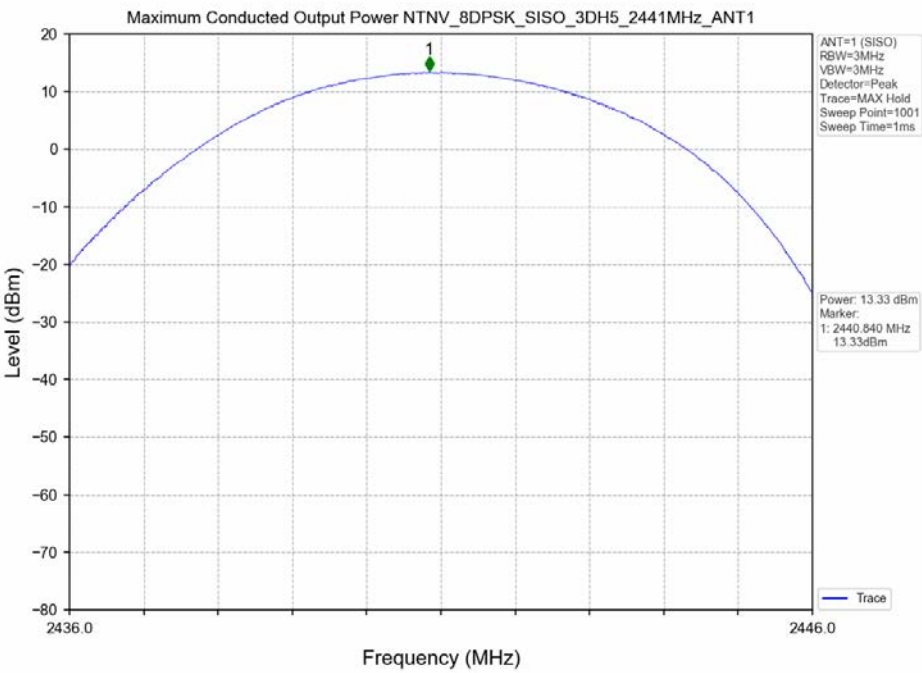


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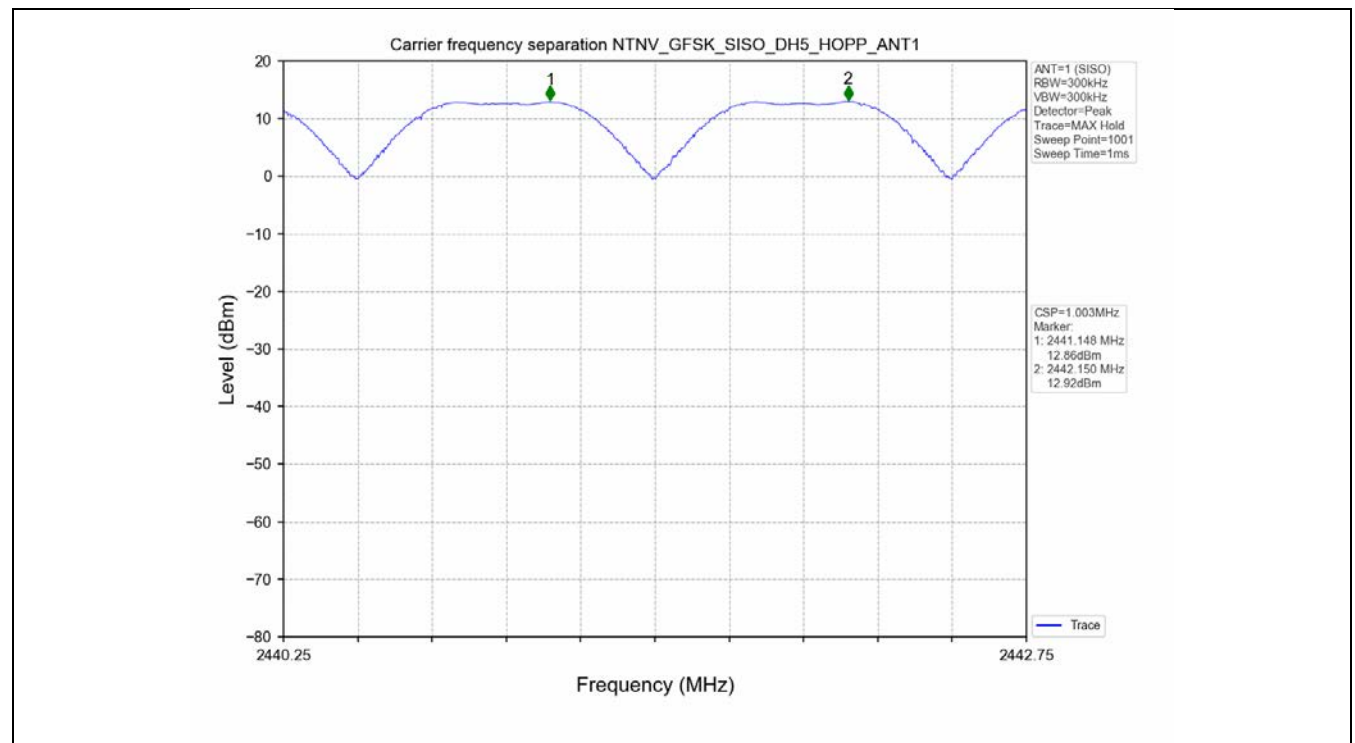


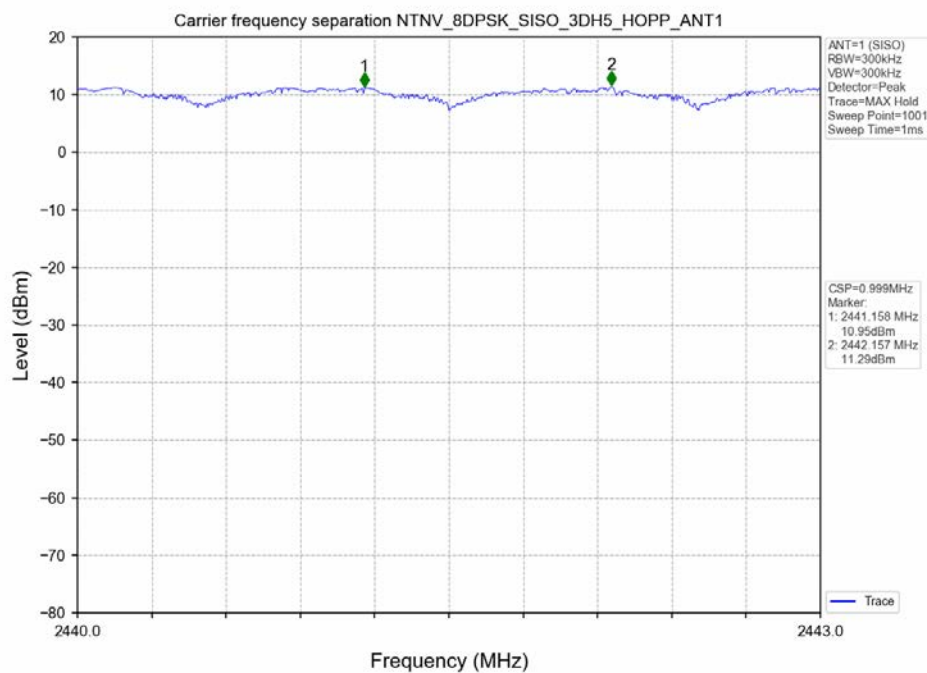
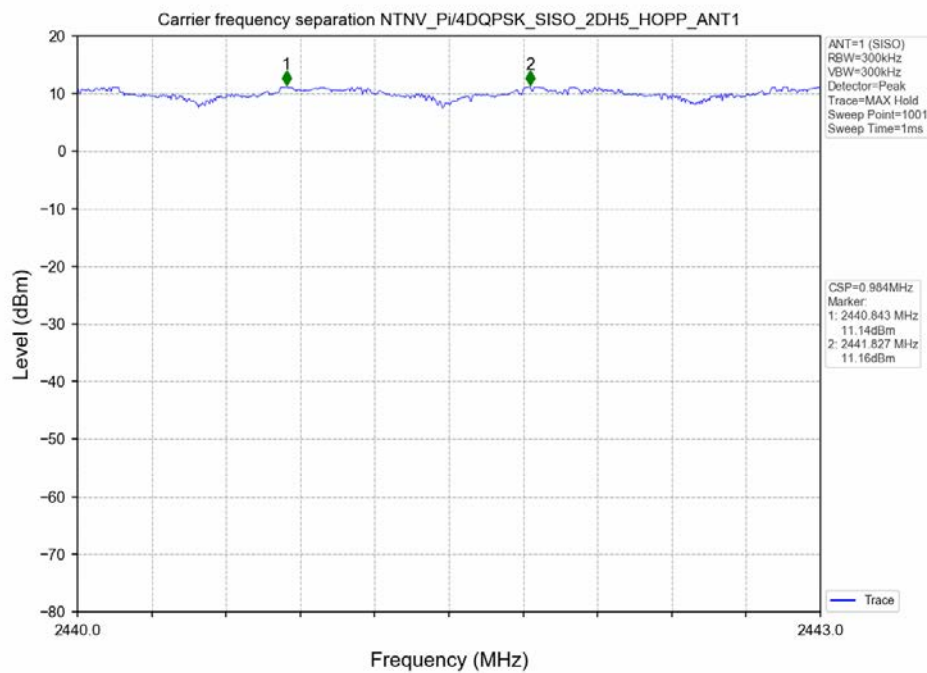
3. Carrier frequency separation

3.1 Test Result

Test Mode	TX Type	ANT No.	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limits (MHz)	Verdict
GFSK	SISO	1	1.003	0.963	≥ 0.963	PASS
Pi/4DQPSK	SISO	1	0.984	1.289	≥ 0.859	PASS
8DPSK	SISO	1	0.999	1.306	≥ 0.871	PASS

3.2 Test Graph





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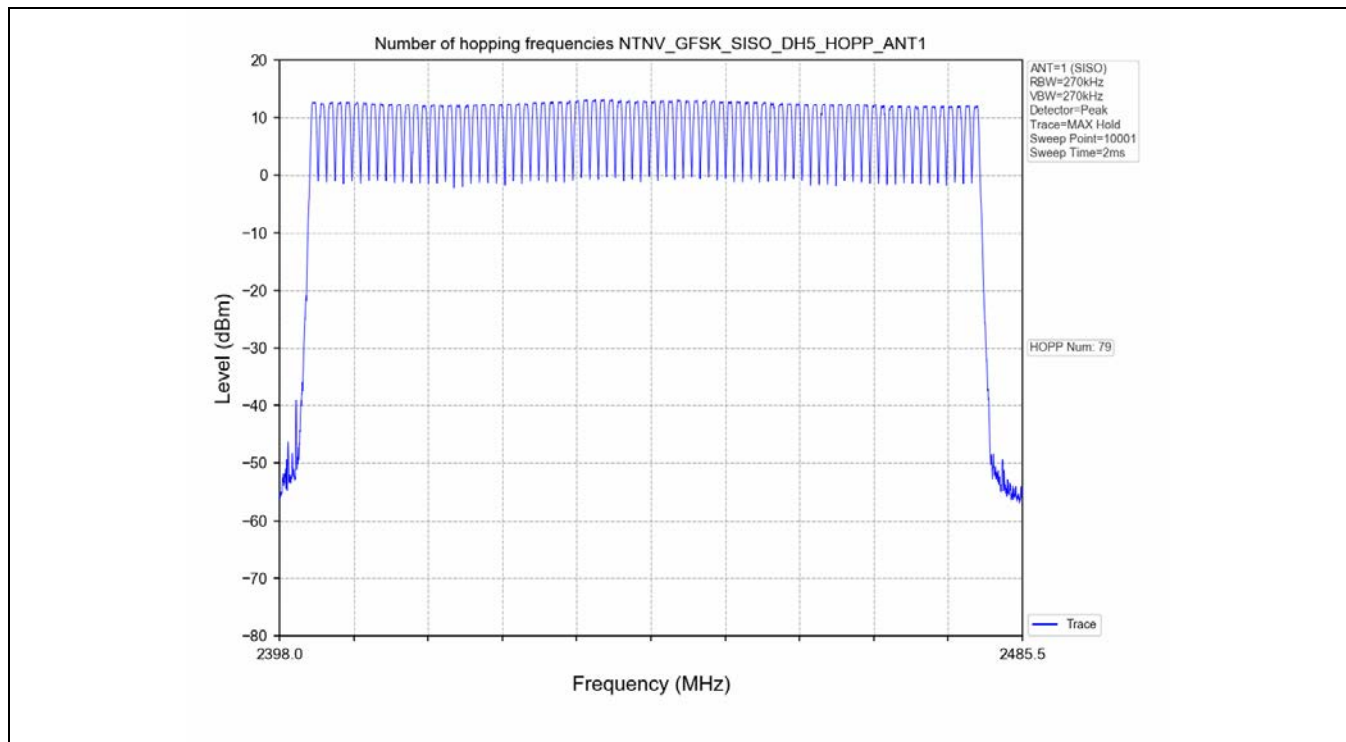


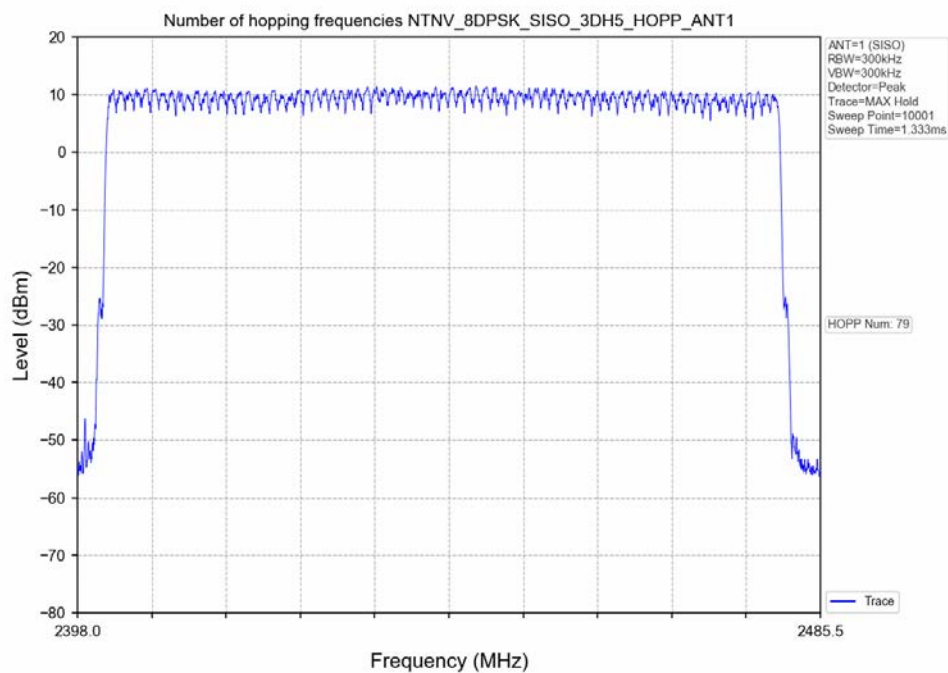
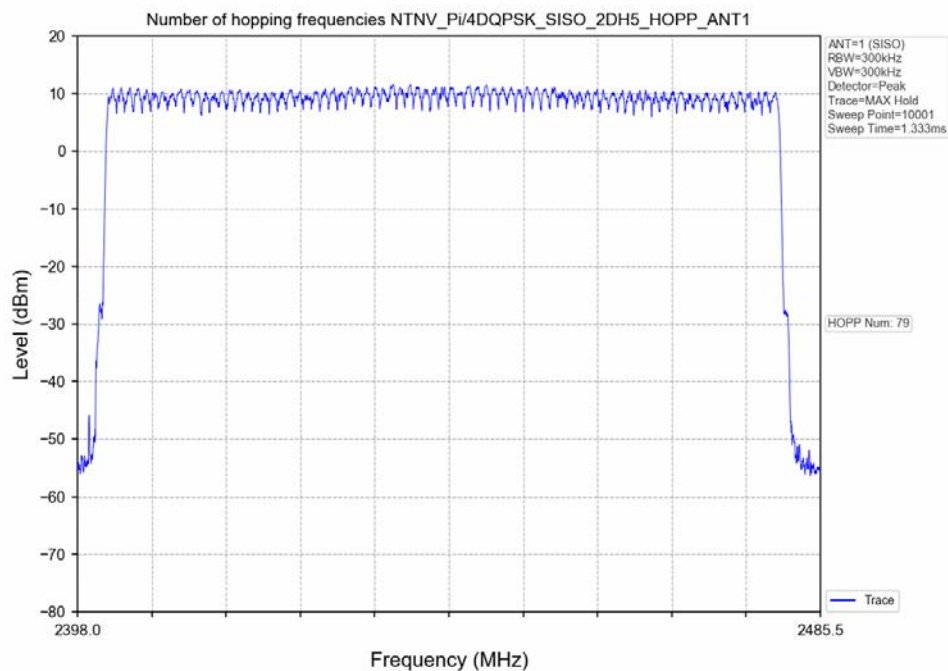
4. Number of hopping frequencies

4.1 Test Result

Test Mode	TX Type	ANT No.	Num of Hopping Frequencies	Limits	Verdict
GFSK	SISO	1	79	≥ 15	PASS
Pi/4DQPSK	SISO	1	79	≥ 15	PASS
8DPSK	SISO	1	79	≥ 15	PASS

4.2 Test Graph





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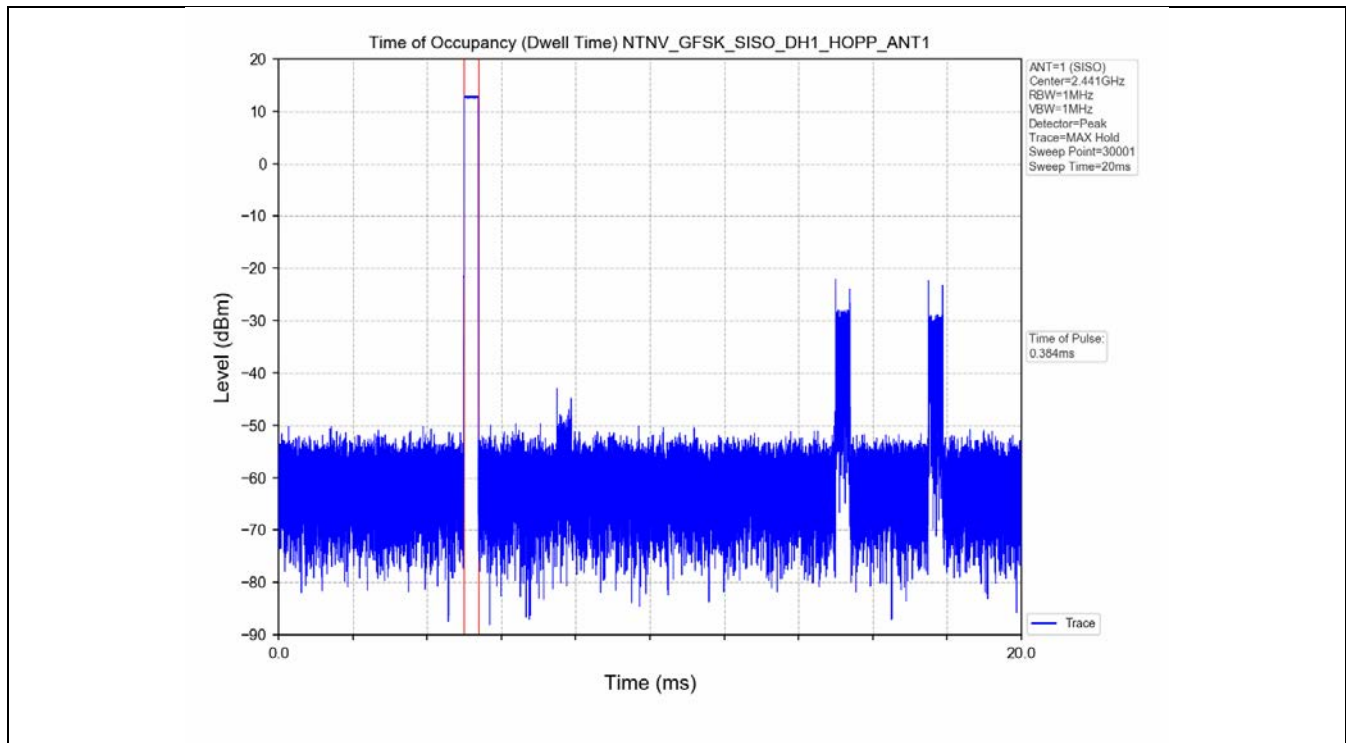


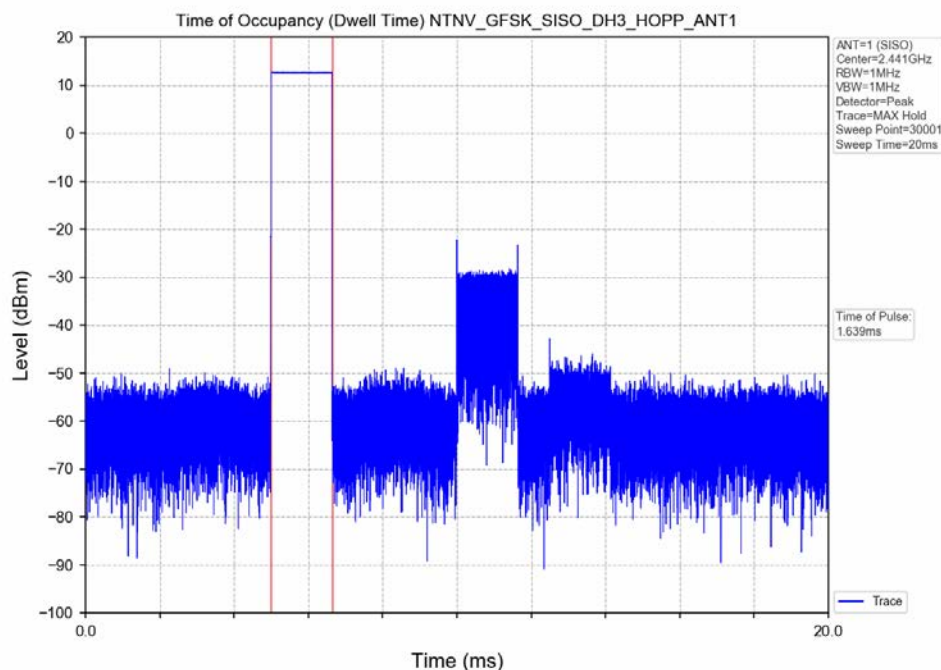
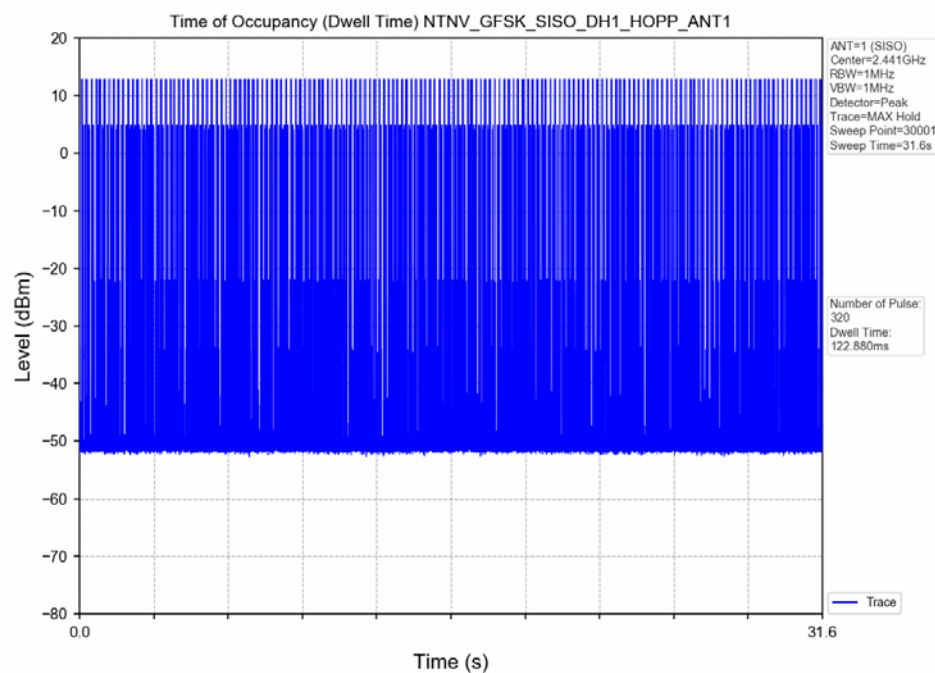
5. Time of Occupancy (Dwell Time)

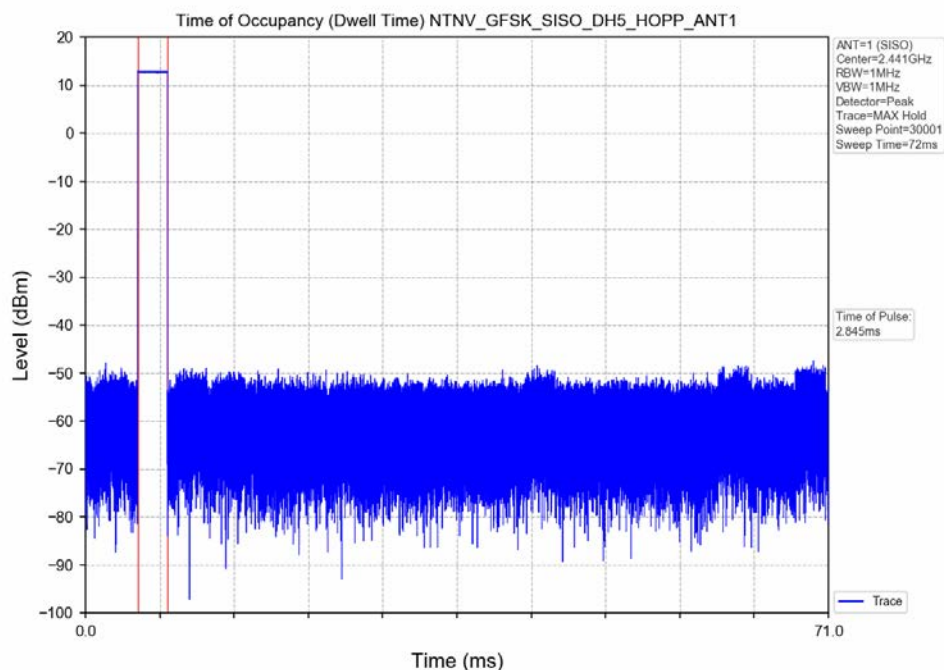
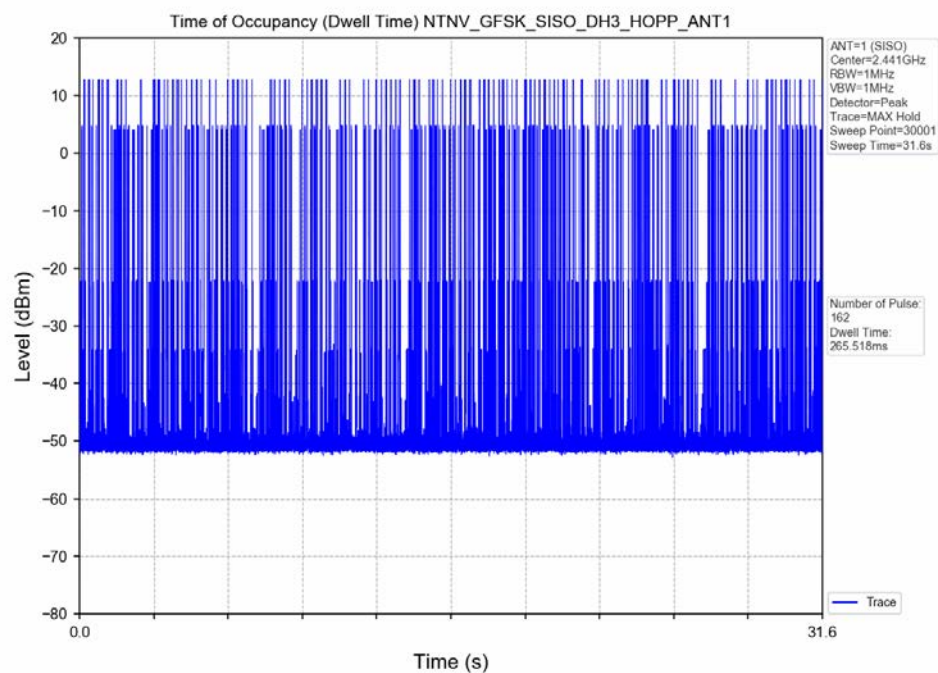
5.1 Test Result

Test Mode	Packet Type	TX Type	ANT No.	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limits (ms)	Verdict
GFSK	DH1	SISO	1	0.384	31.6	320	122.880	≤400	PASS
	DH3	SISO	1	1.639	31.6	162	265.518	≤400	PASS
	DH5	SISO	1	2.845	31.6	102	290.190	≤400	PASS
Pi/4DQPSK	2DH1	SISO	1	0.388	31.6	320	124.160	≤400	PASS
	2DH3	SISO	1	1.641	31.6	162	265.842	≤400	PASS
	2DH5	SISO	1	2.888	31.6	107	309.016	≤400	PASS
8DPSK	3DH1	SISO	1	0.389	31.6	320	124.480	≤400	PASS
	3DH3	SISO	1	1.640	31.6	155	254.200	≤400	PASS
	3DH5	SISO	1	2.893	31.6	102	295.086	≤400	PASS

5.2 Test Graph







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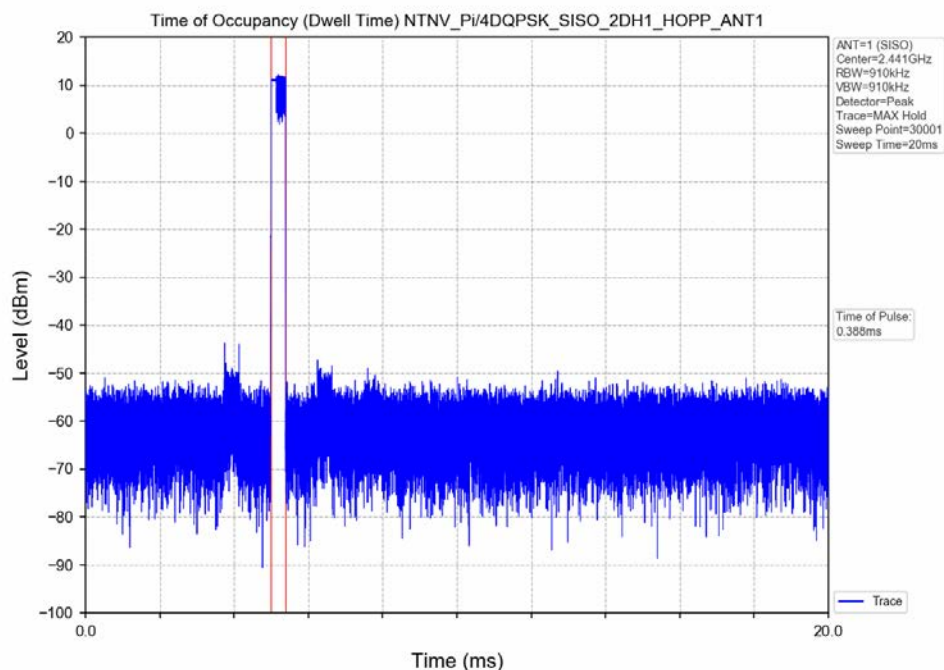
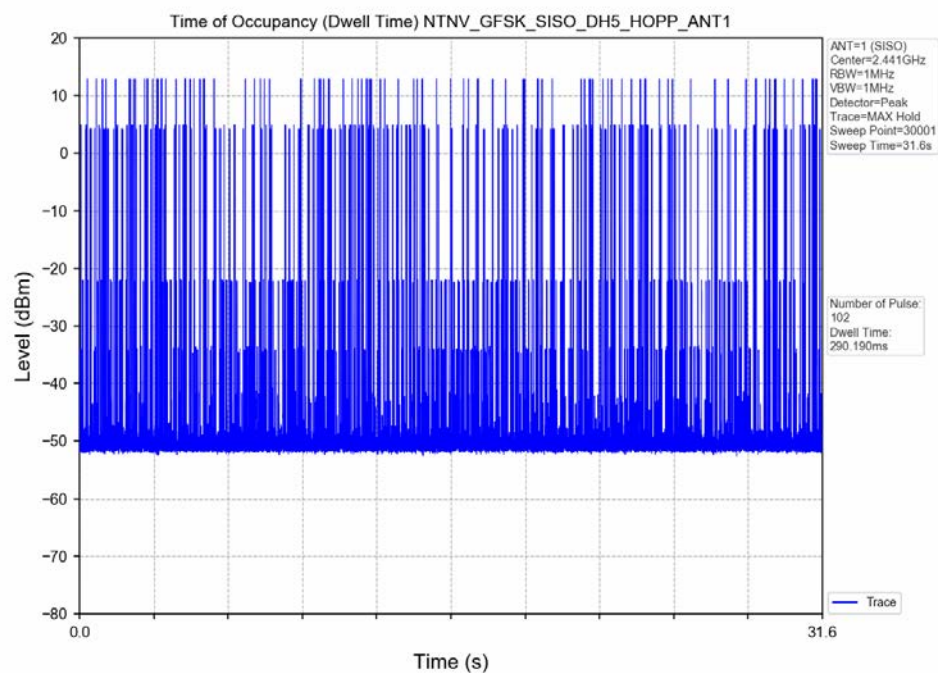
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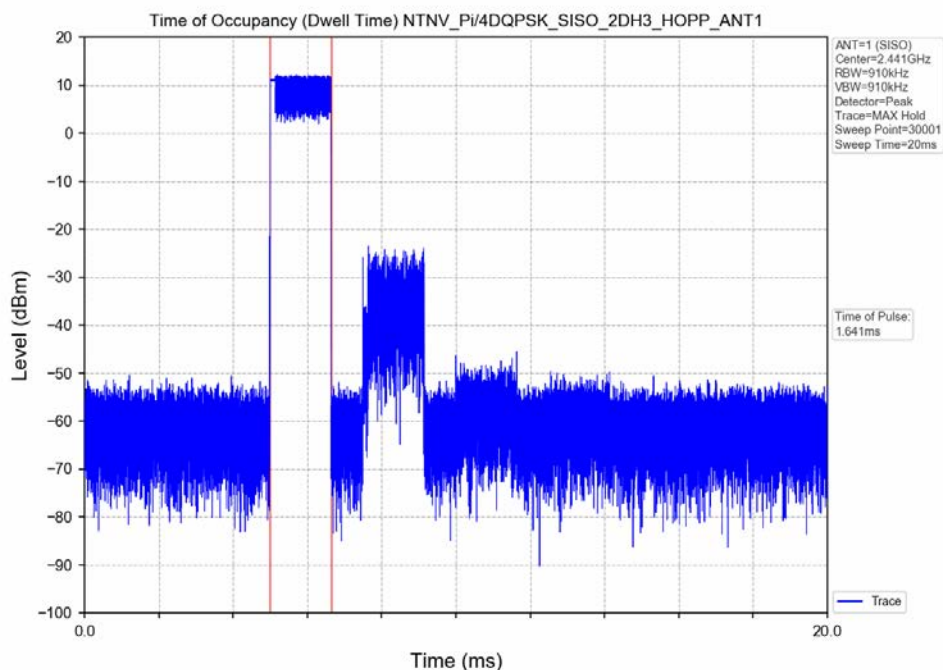
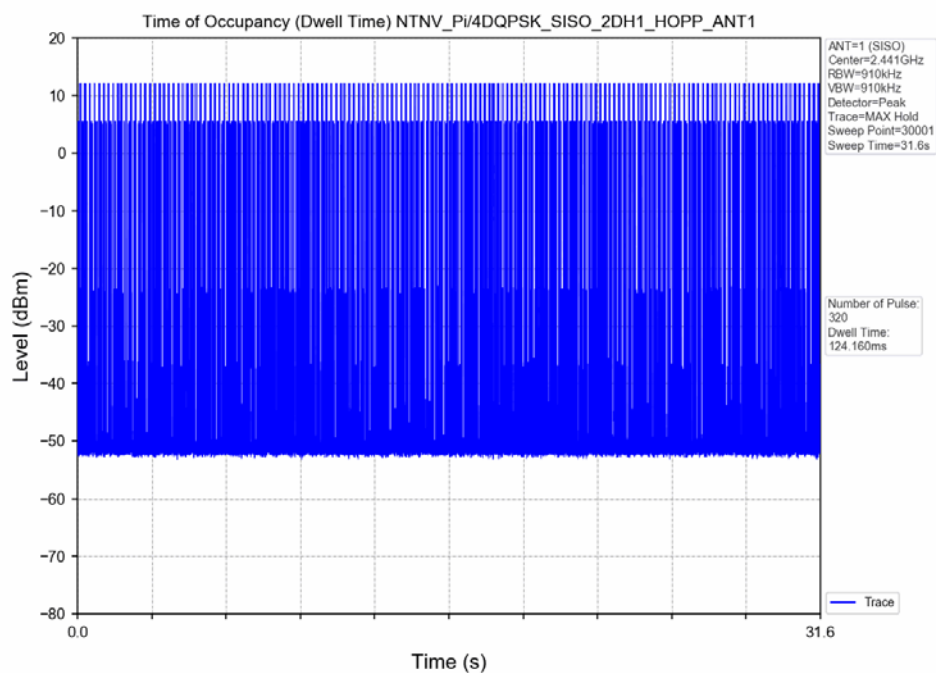
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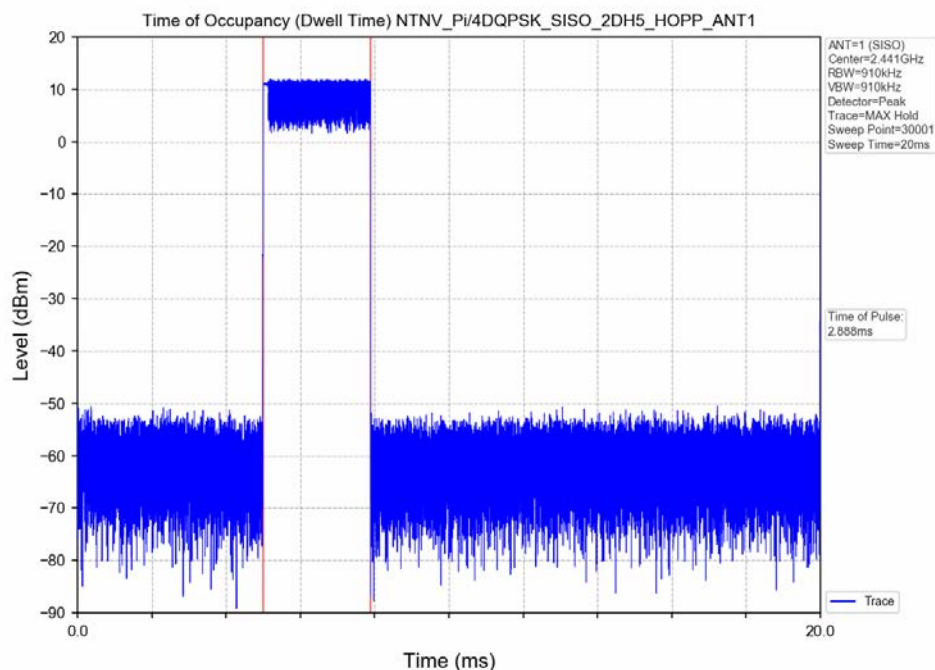
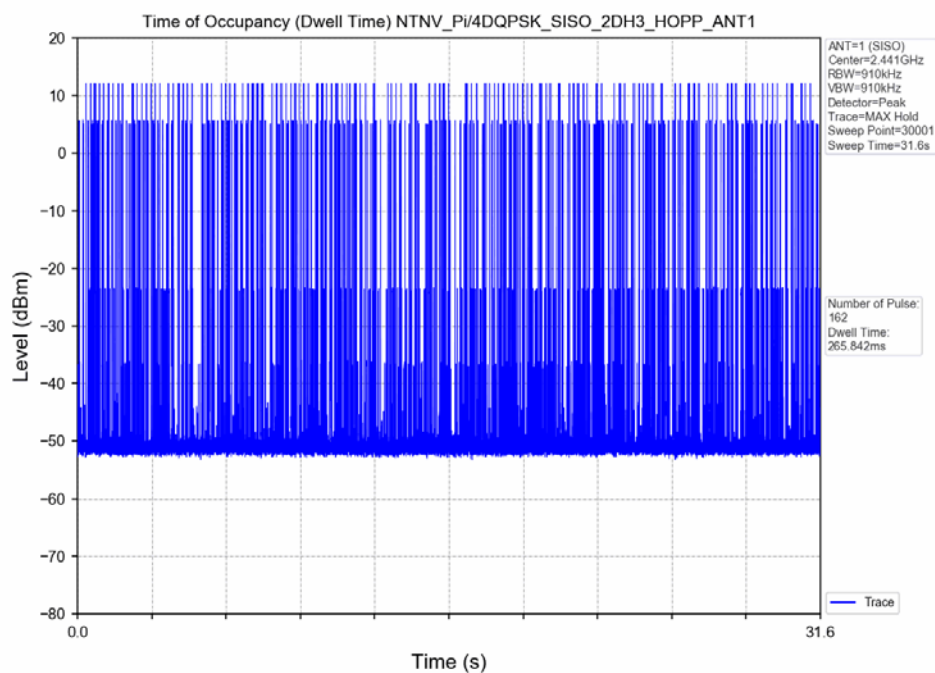


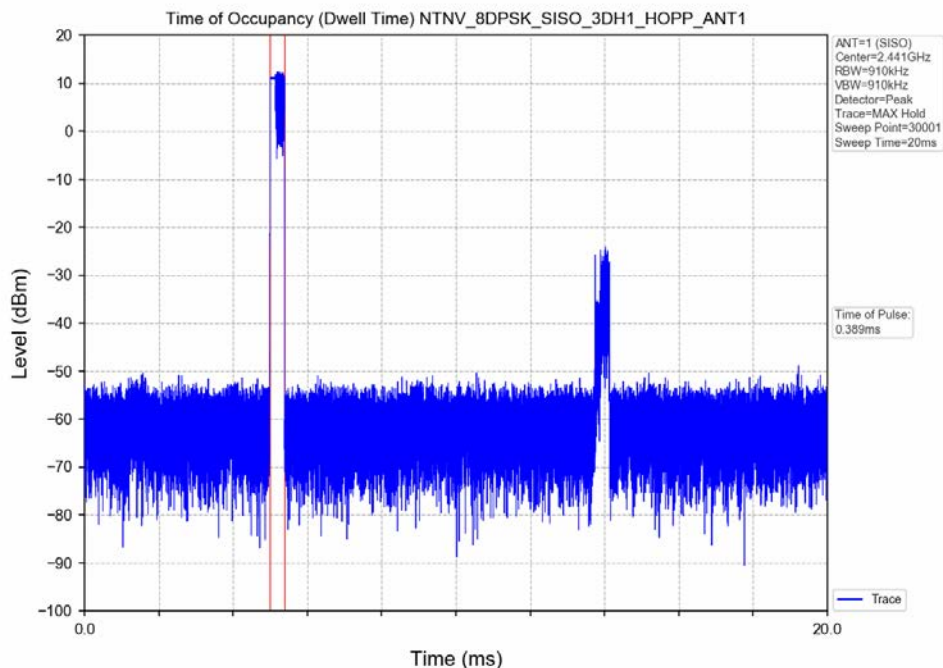
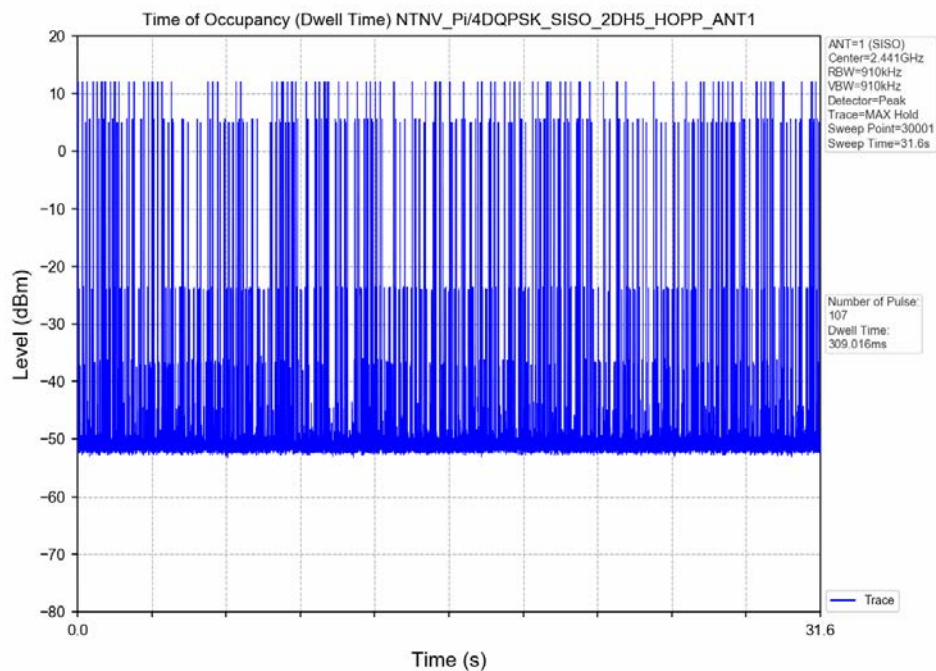
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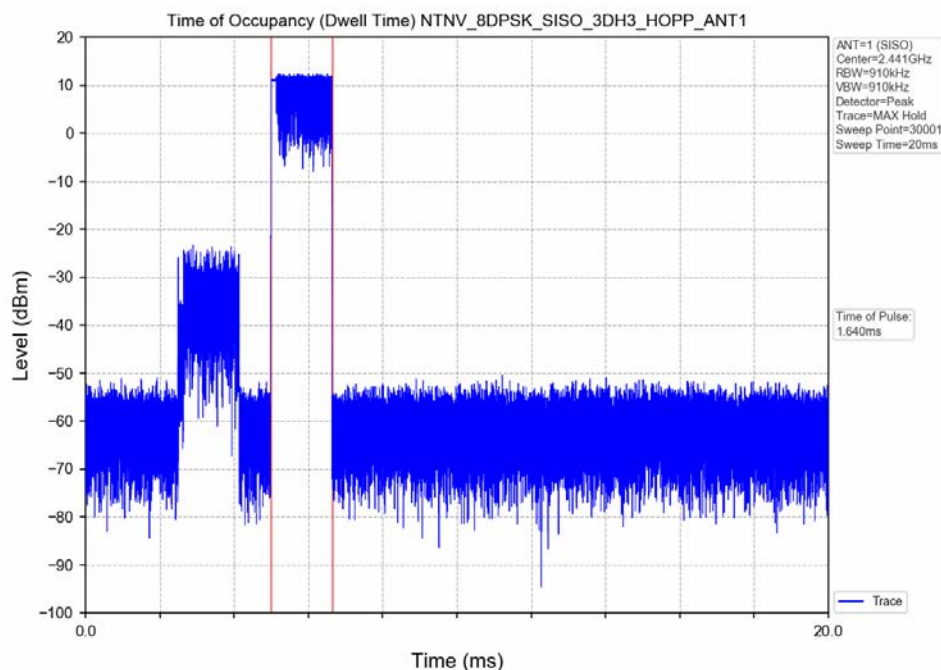
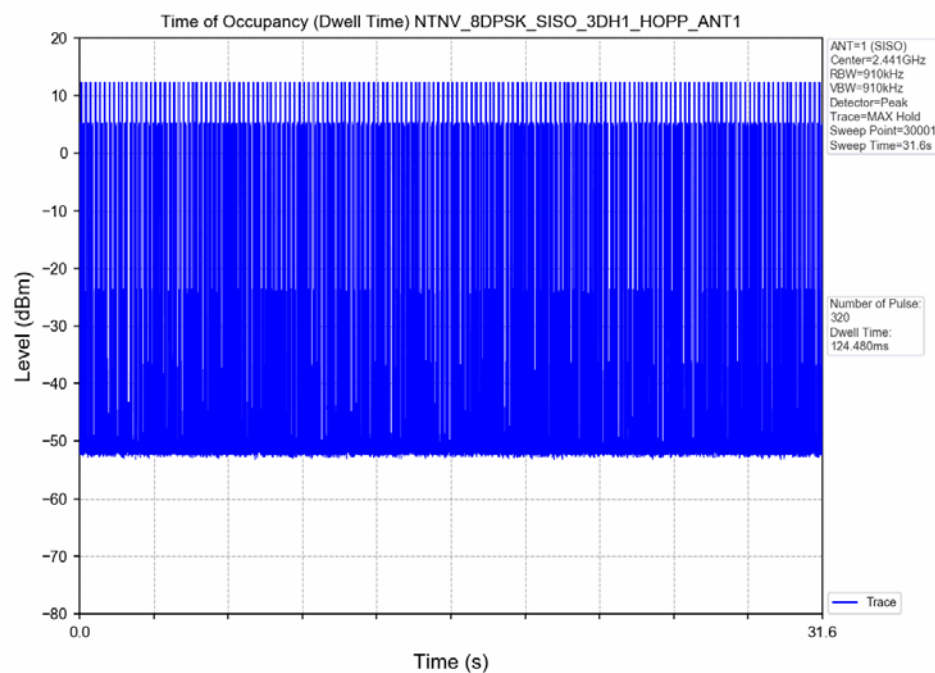
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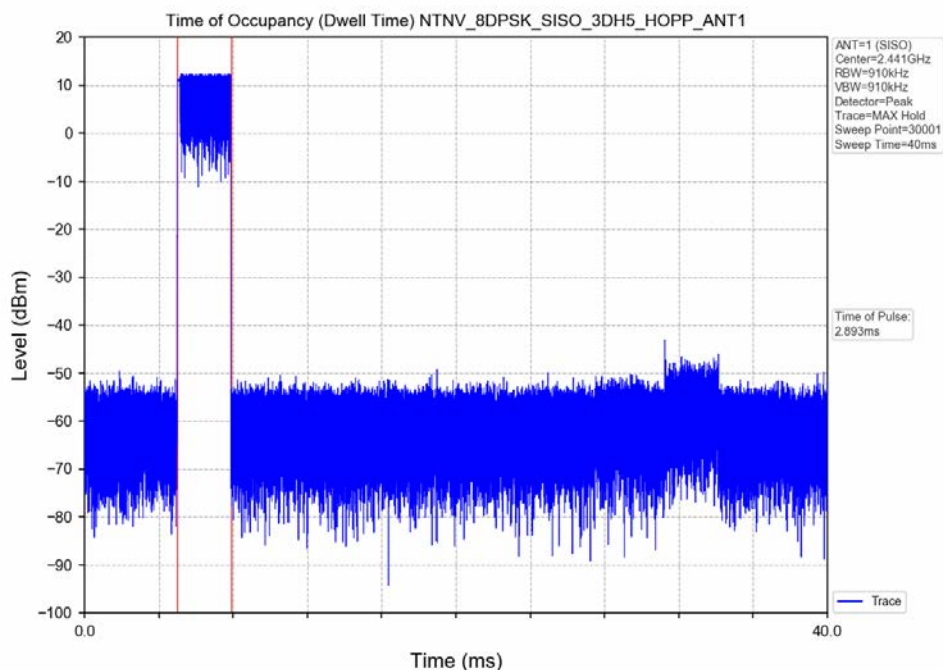
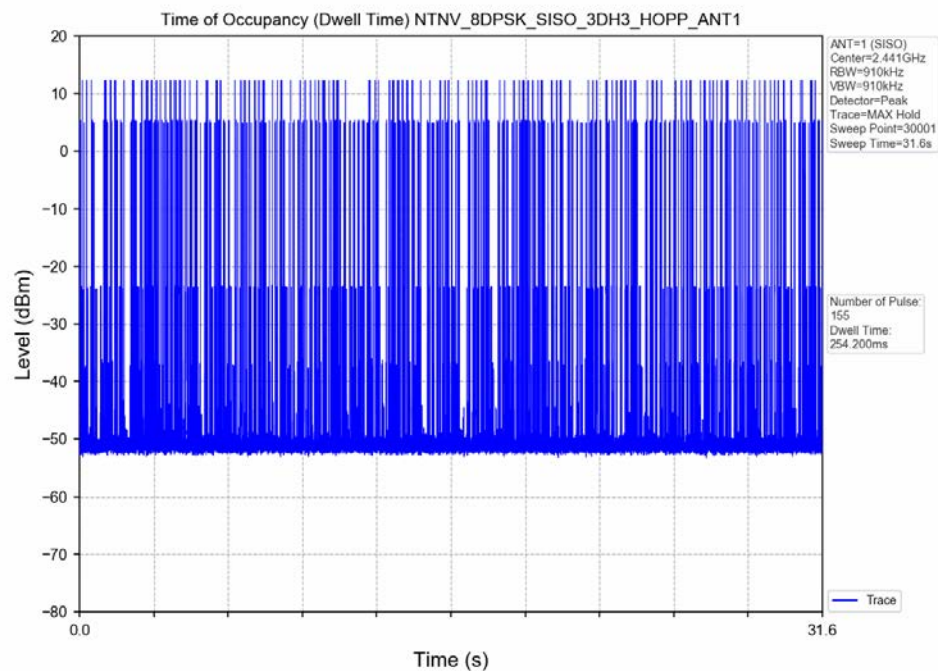


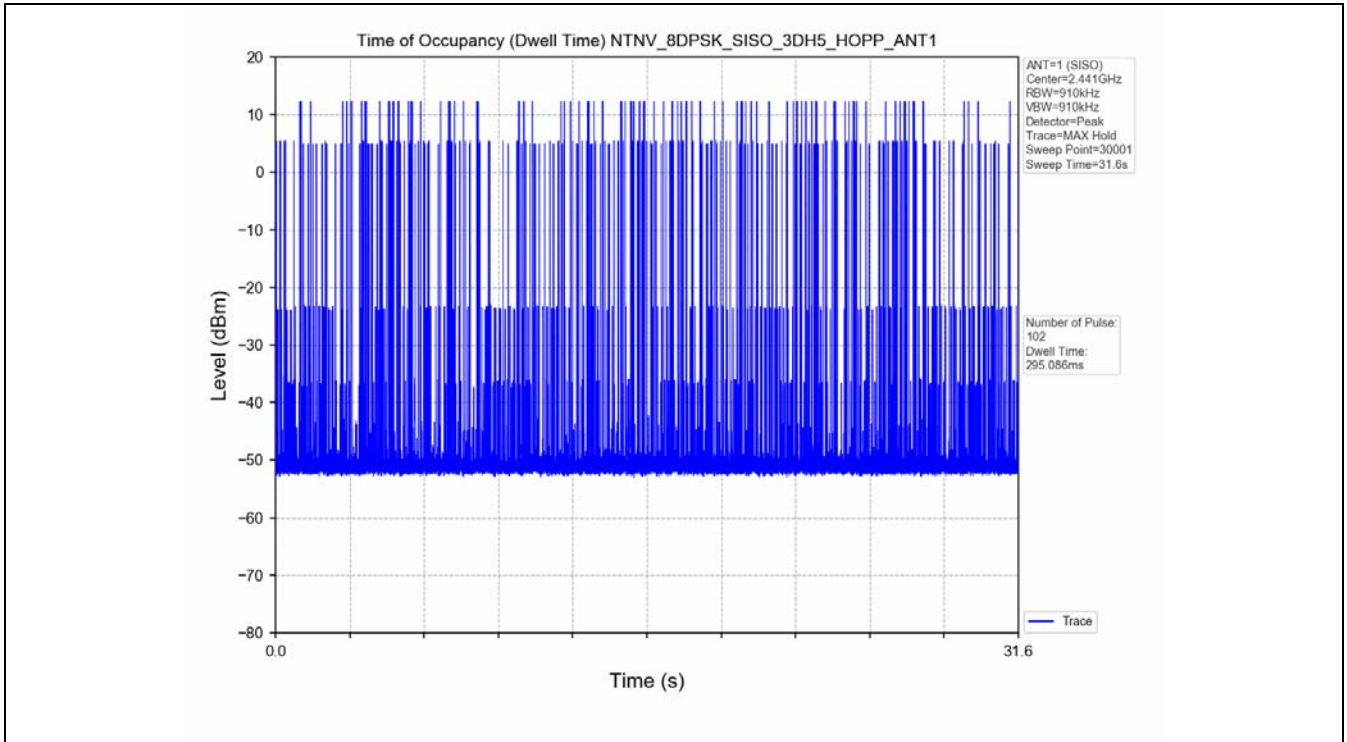
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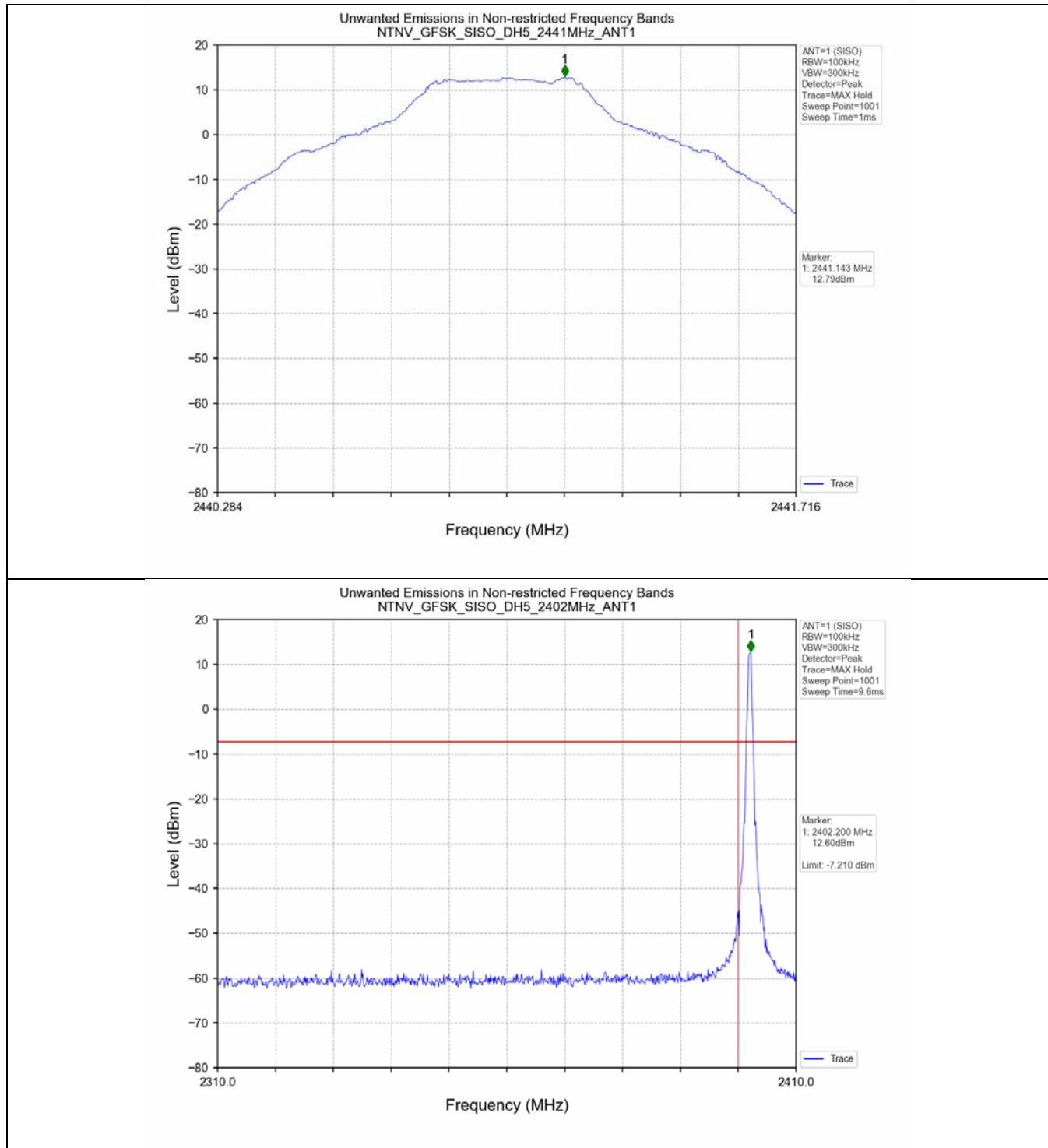
6. Unwanted Emissions in Non-restricted Frequency Bands

6.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	1	Refer to test graph	-7.21	PASS
	2441	SISO	1	Refer to test graph	-7.21	PASS
	2480	SISO	1	Refer to test graph	-7.21	PASS
	Hopping	SISO	1	Refer to test graph	-7.21	PASS
PI/4DQPSK	2402	SISO	1	Refer to test graph	-8.90	PASS
	2441	SISO	1	Refer to test graph	-8.90	PASS
	2480	SISO	1	Refer to test graph	-8.90	PASS
	Hopping	SISO	1	Refer to test graph	-8.90	PASS
8DPSK	2402	SISO	1	Refer to test graph	-8.74	PASS
	2441	SISO	1	Refer to test graph	-8.74	PASS
	2480	SISO	1	Refer to test graph	-8.74	PASS
	Hopping	SISO	1	Refer to test graph	-8.74	PASS

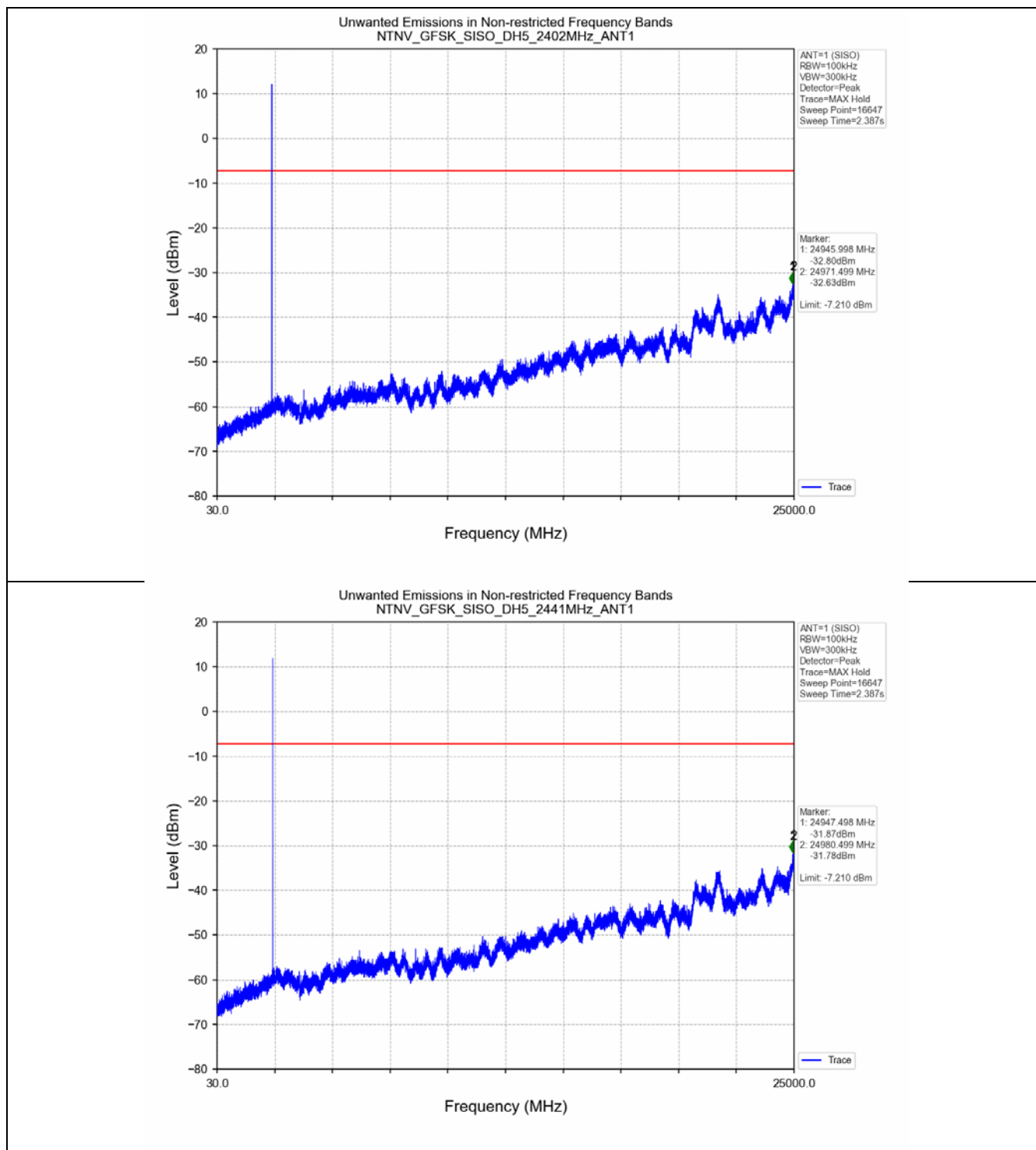


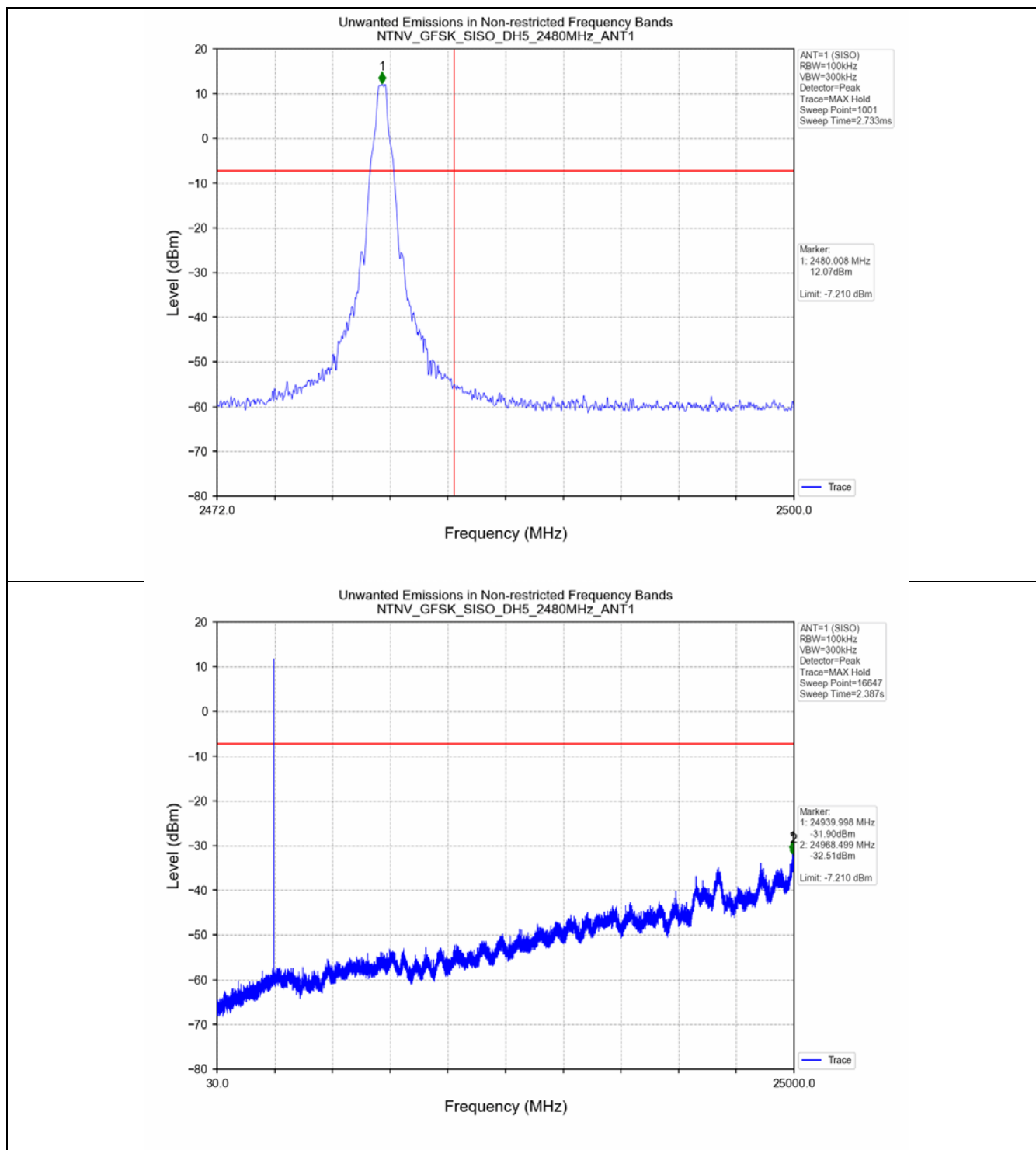
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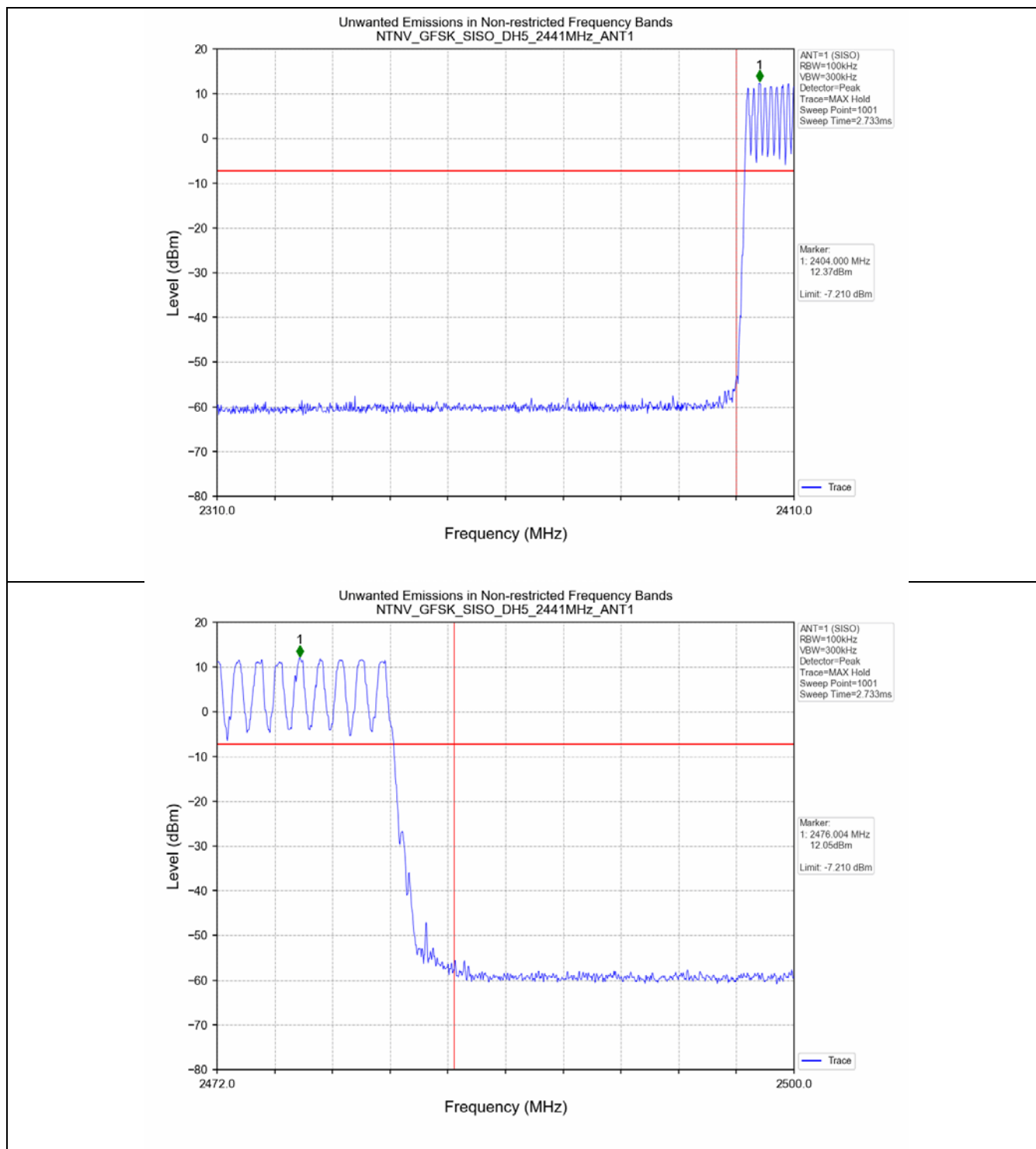


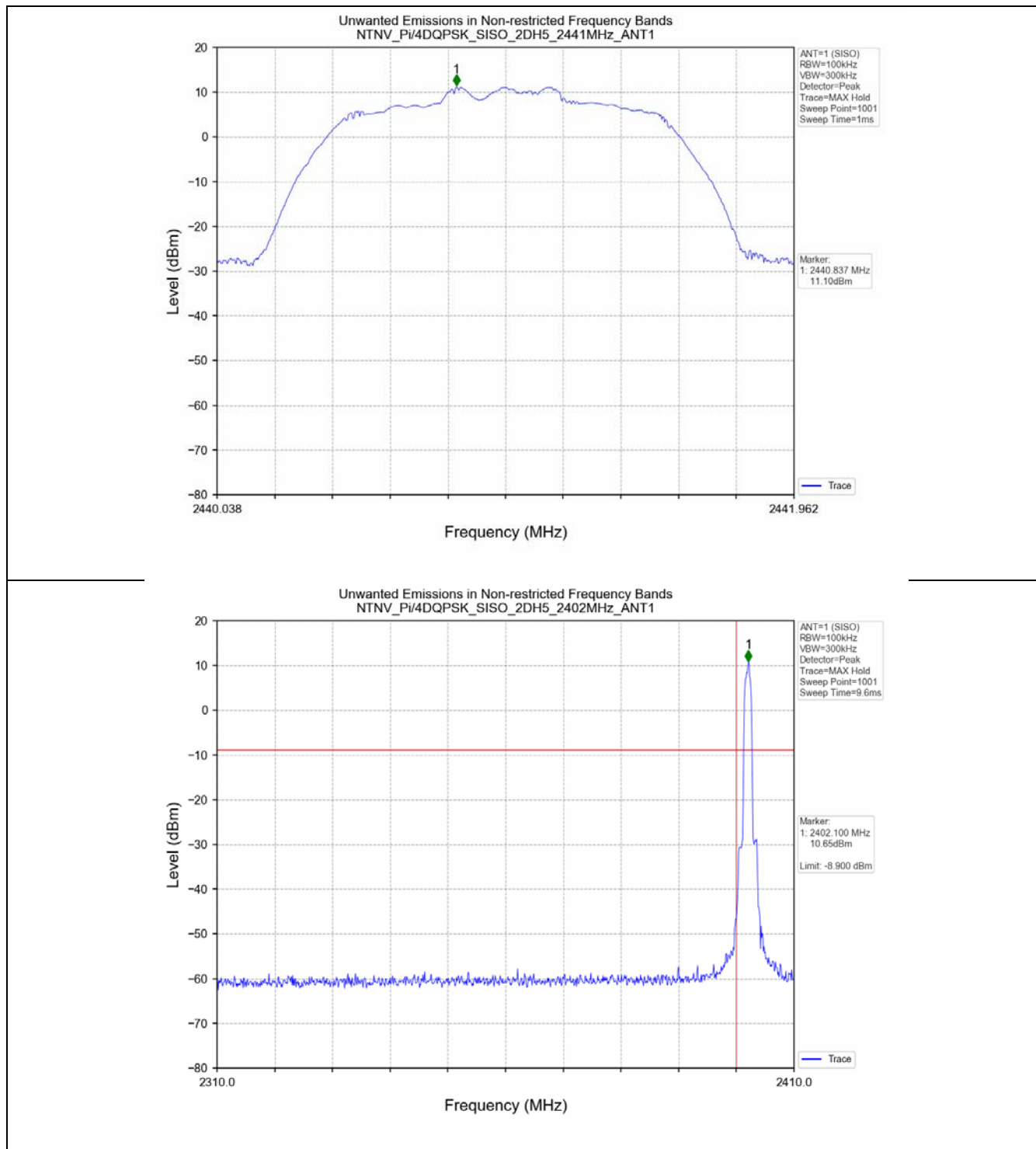
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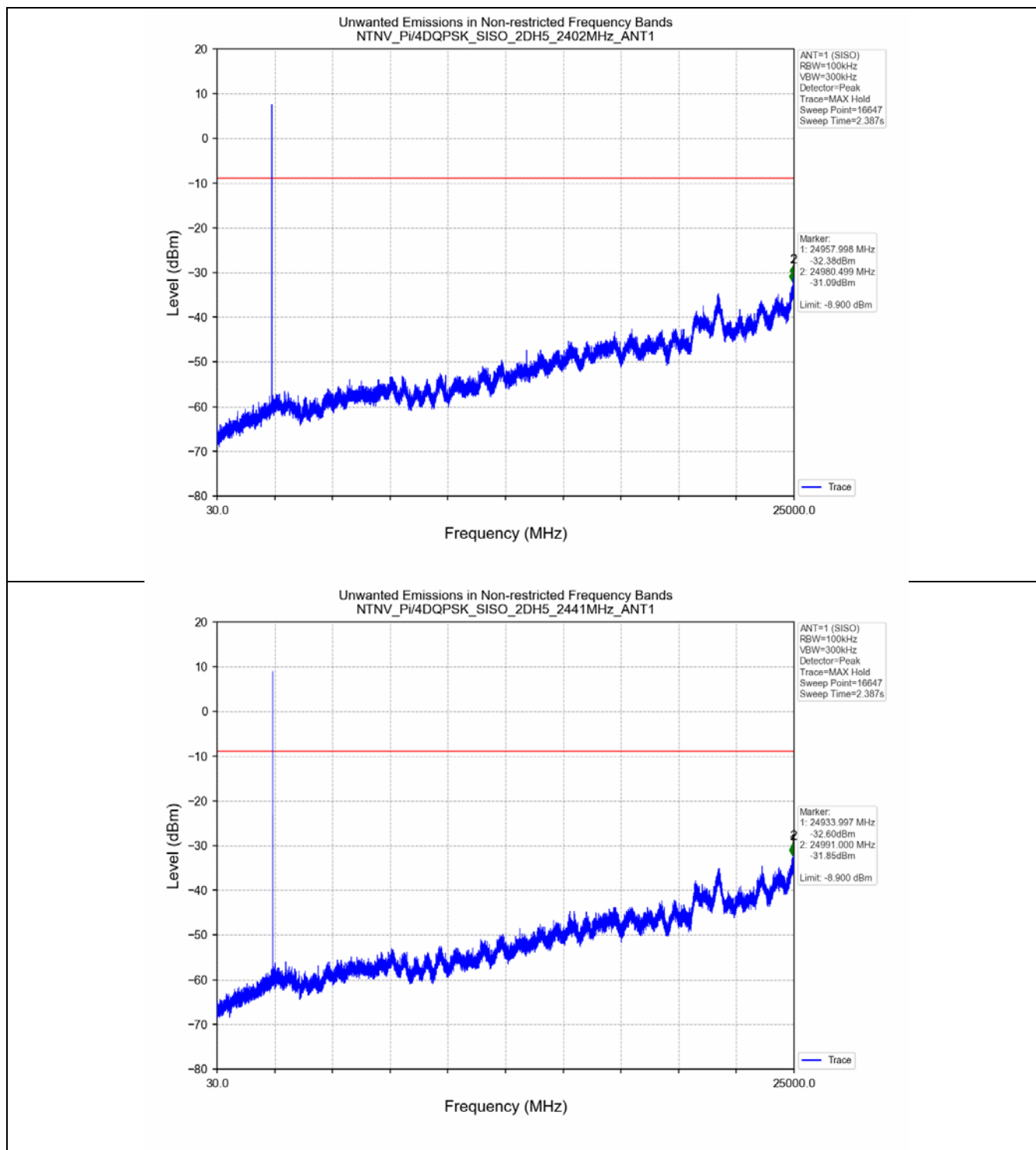


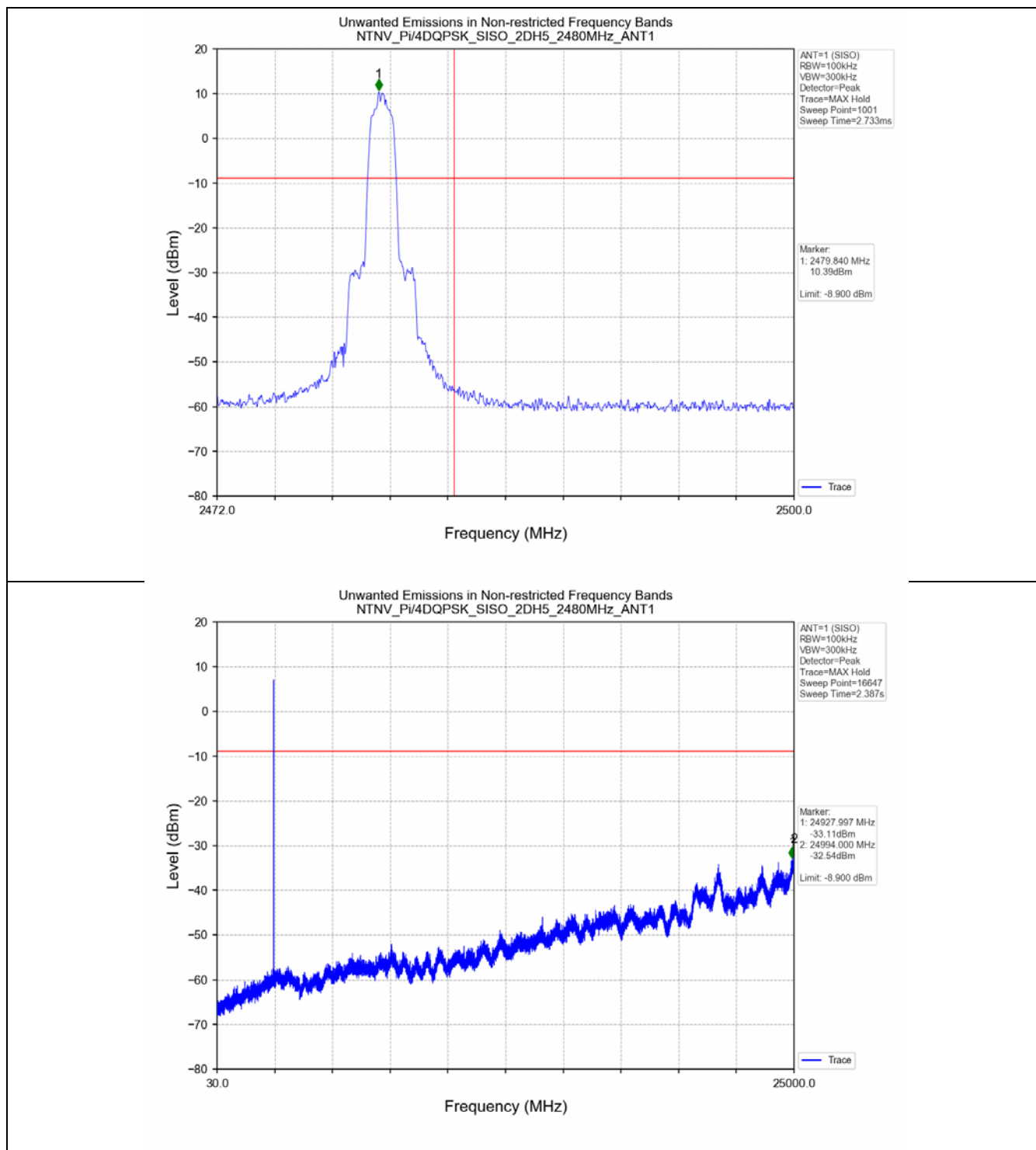
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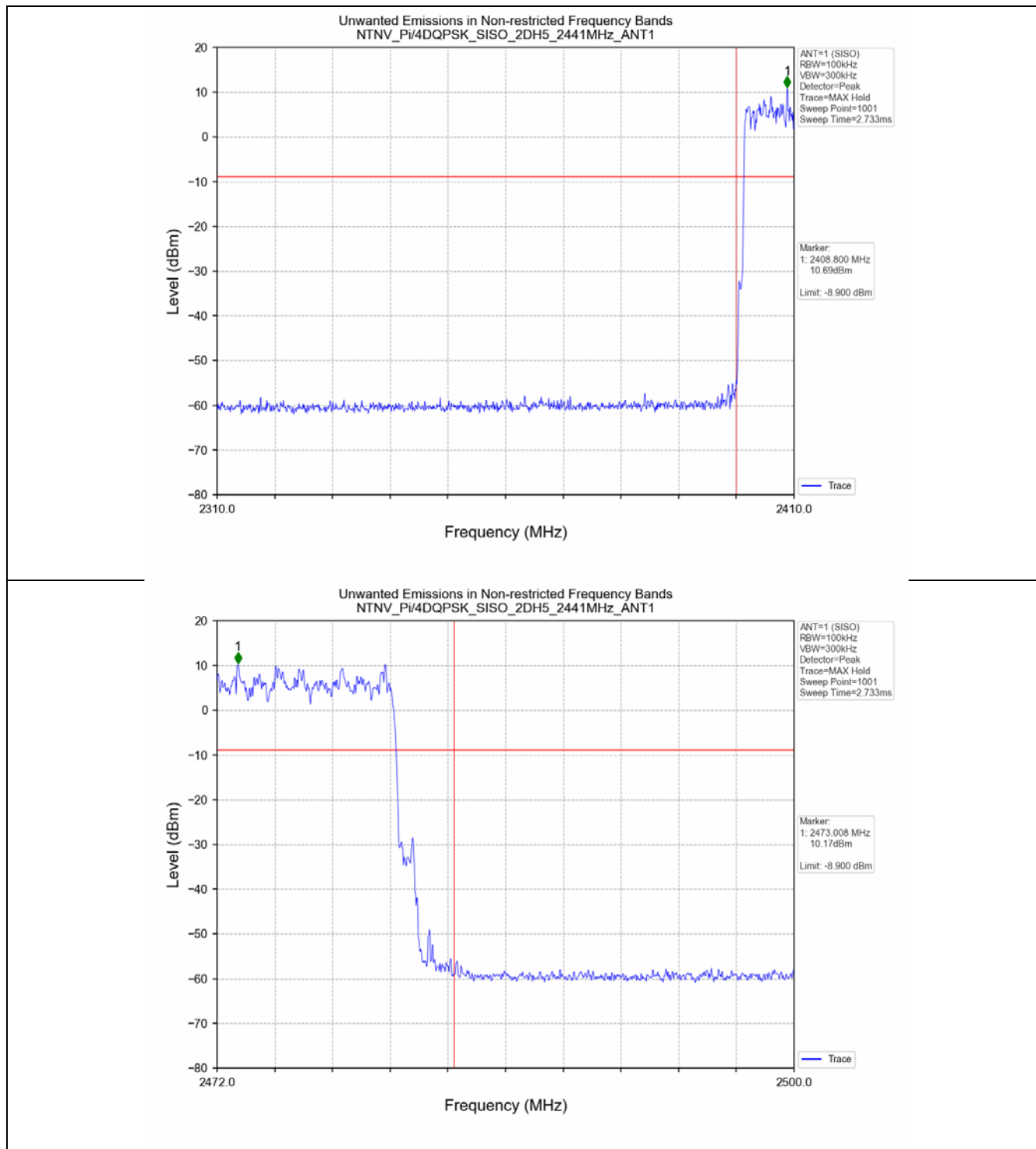
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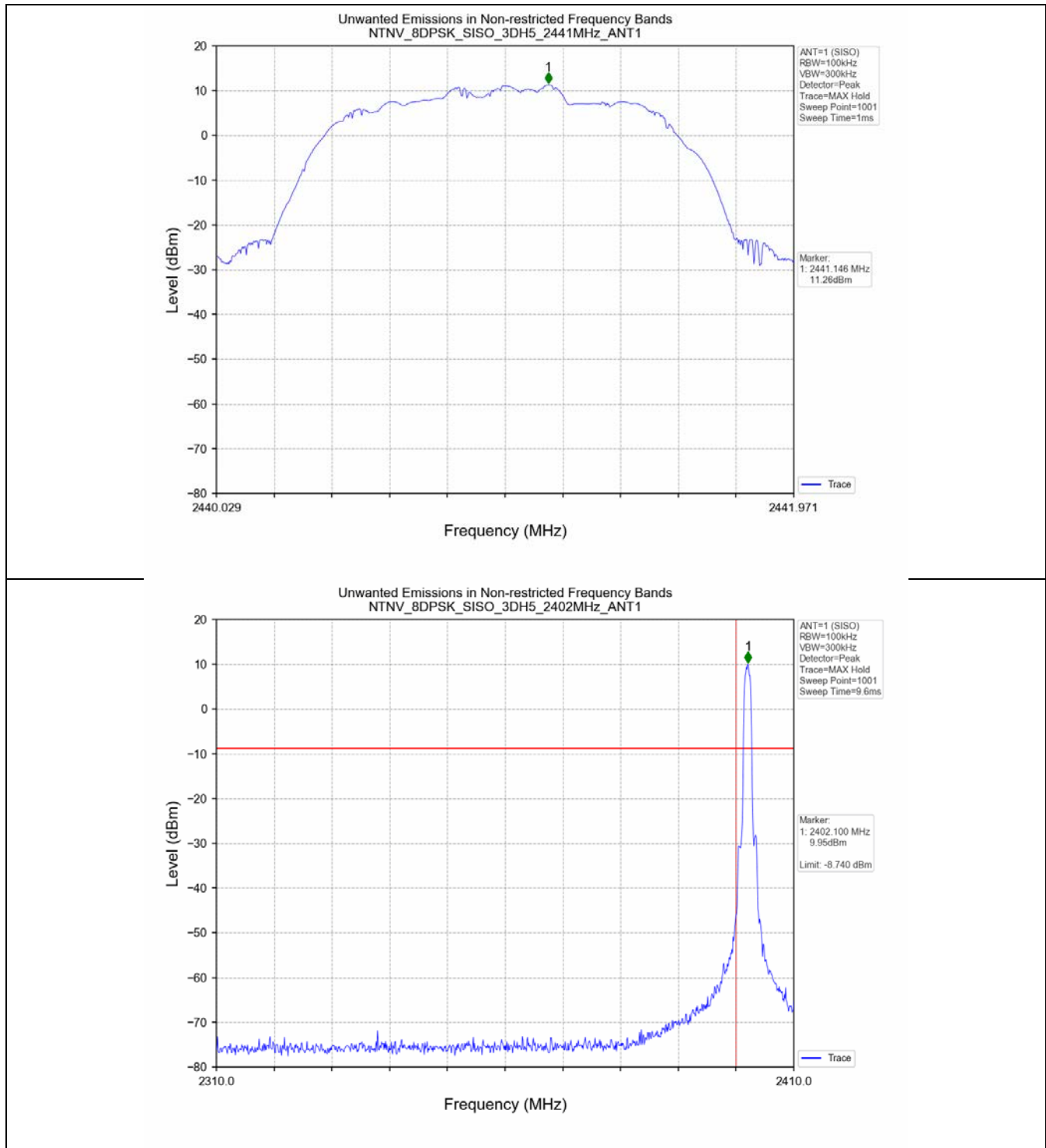






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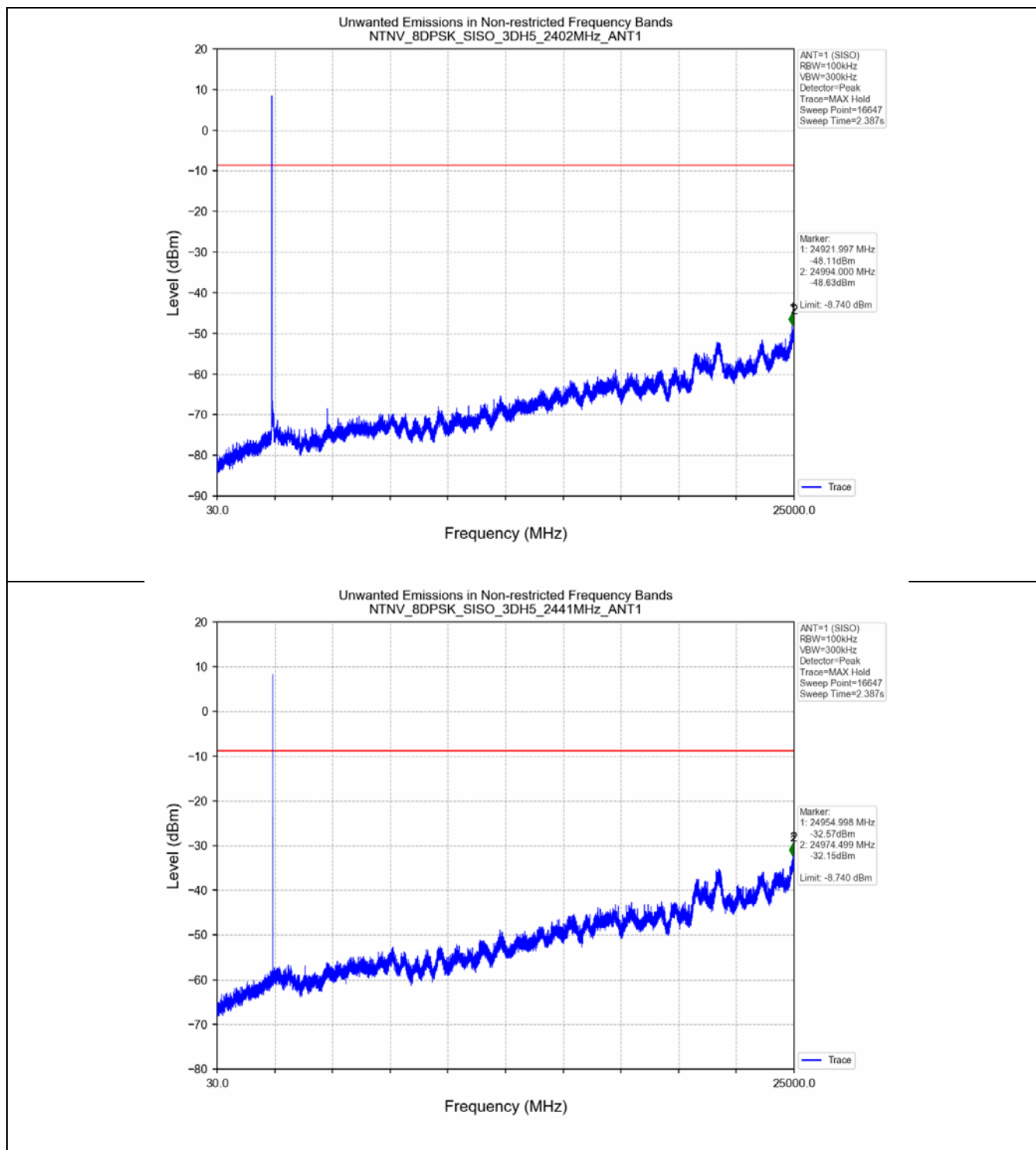


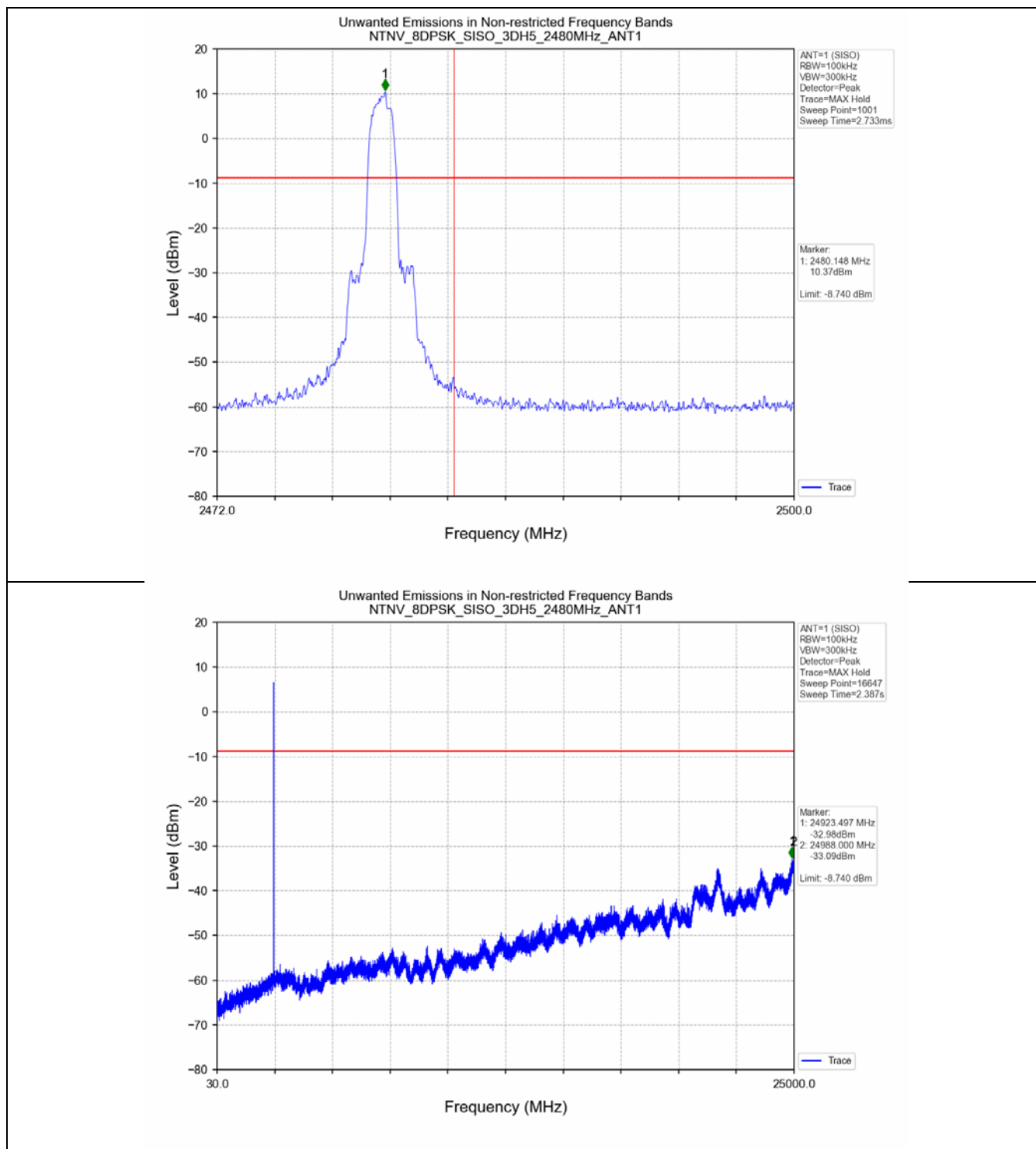
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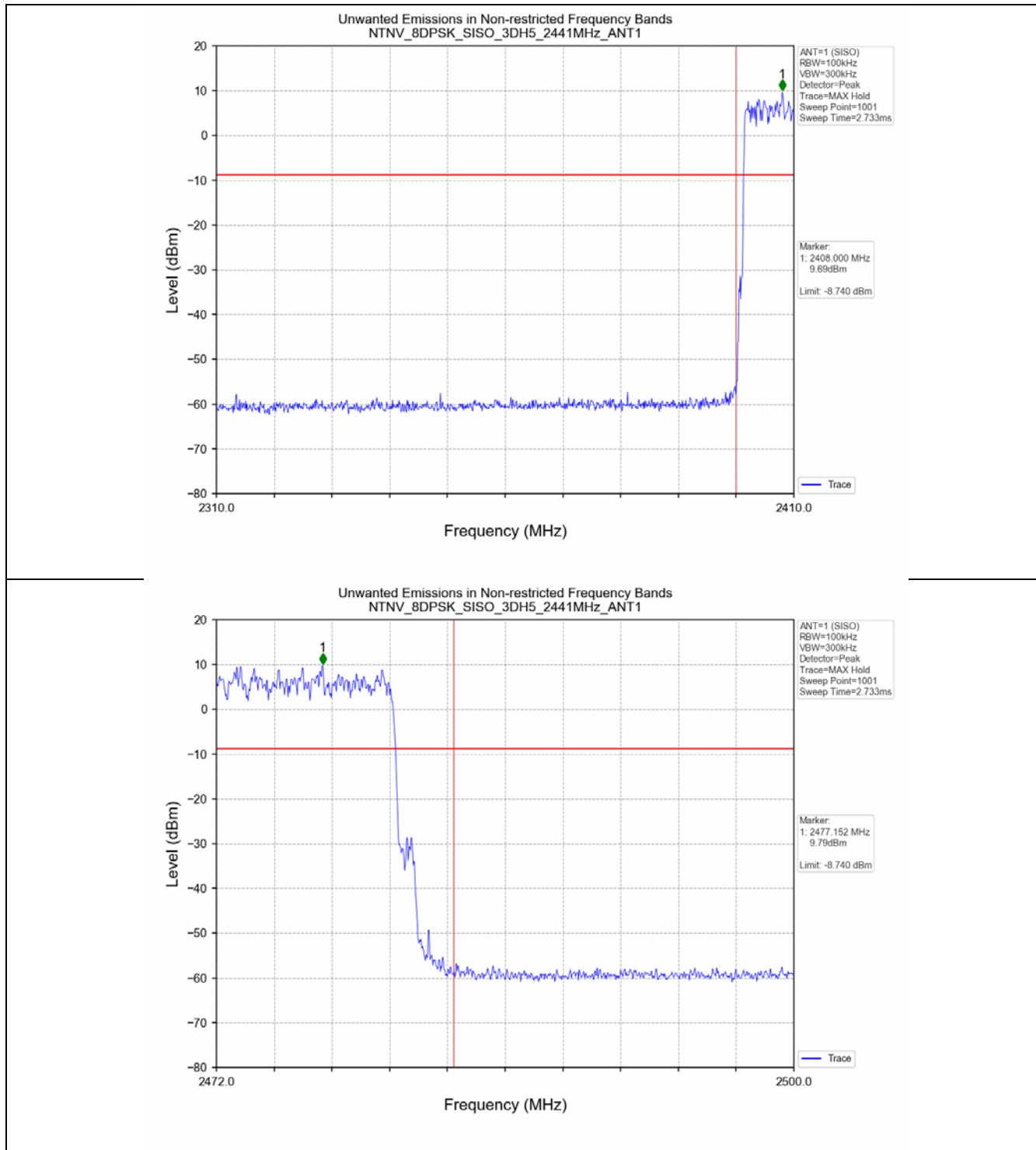
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