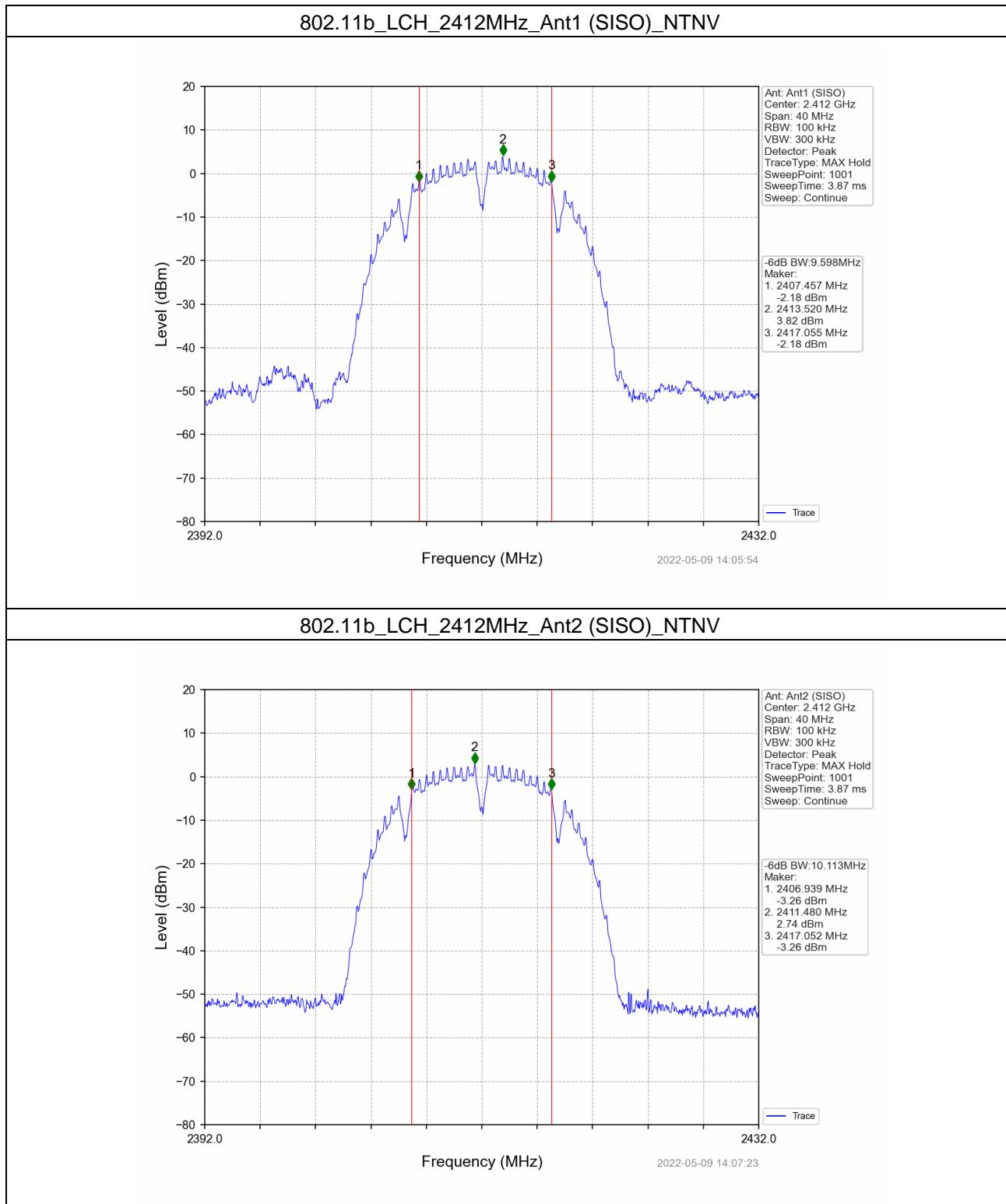
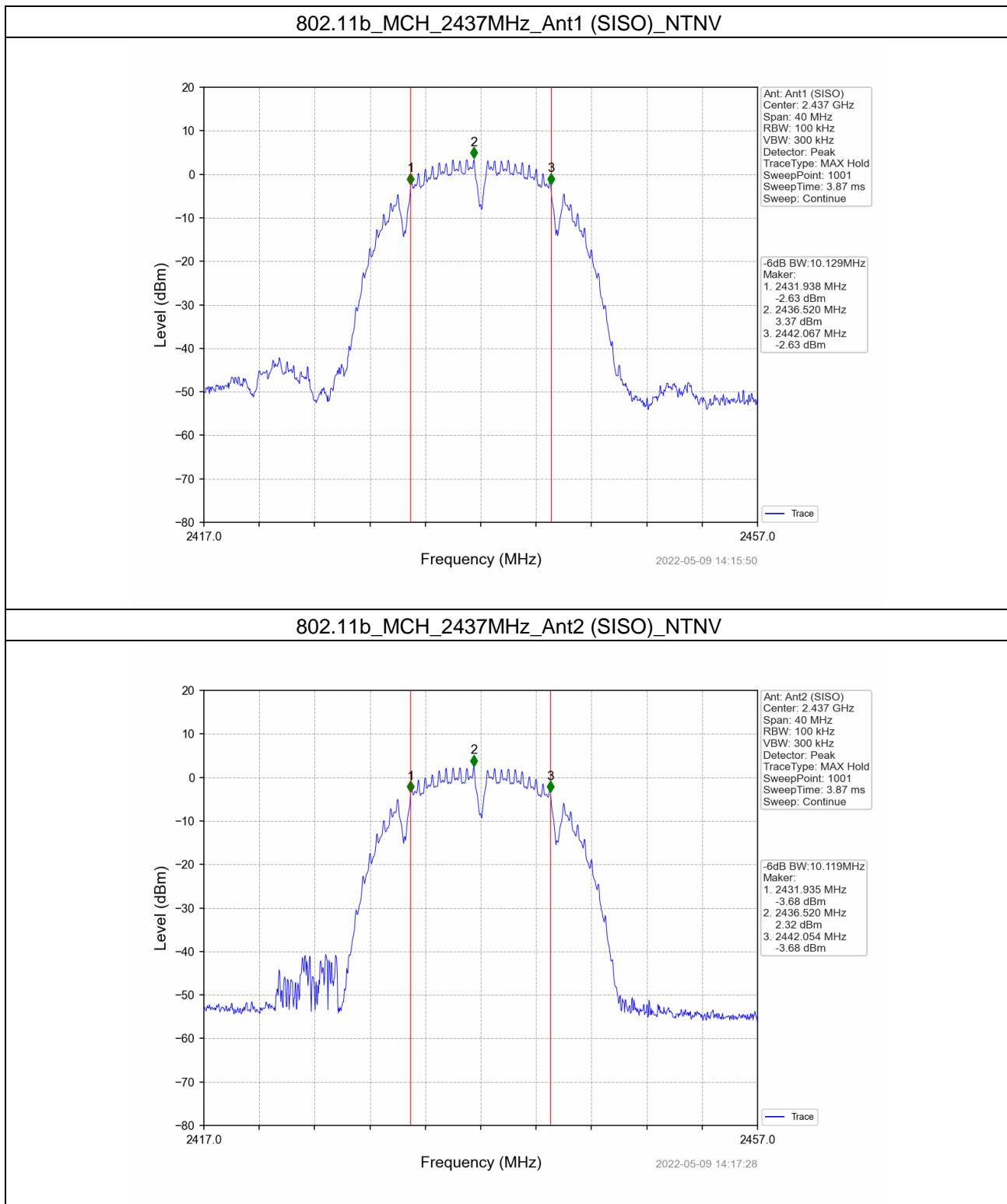


2.1.2 Test Graph



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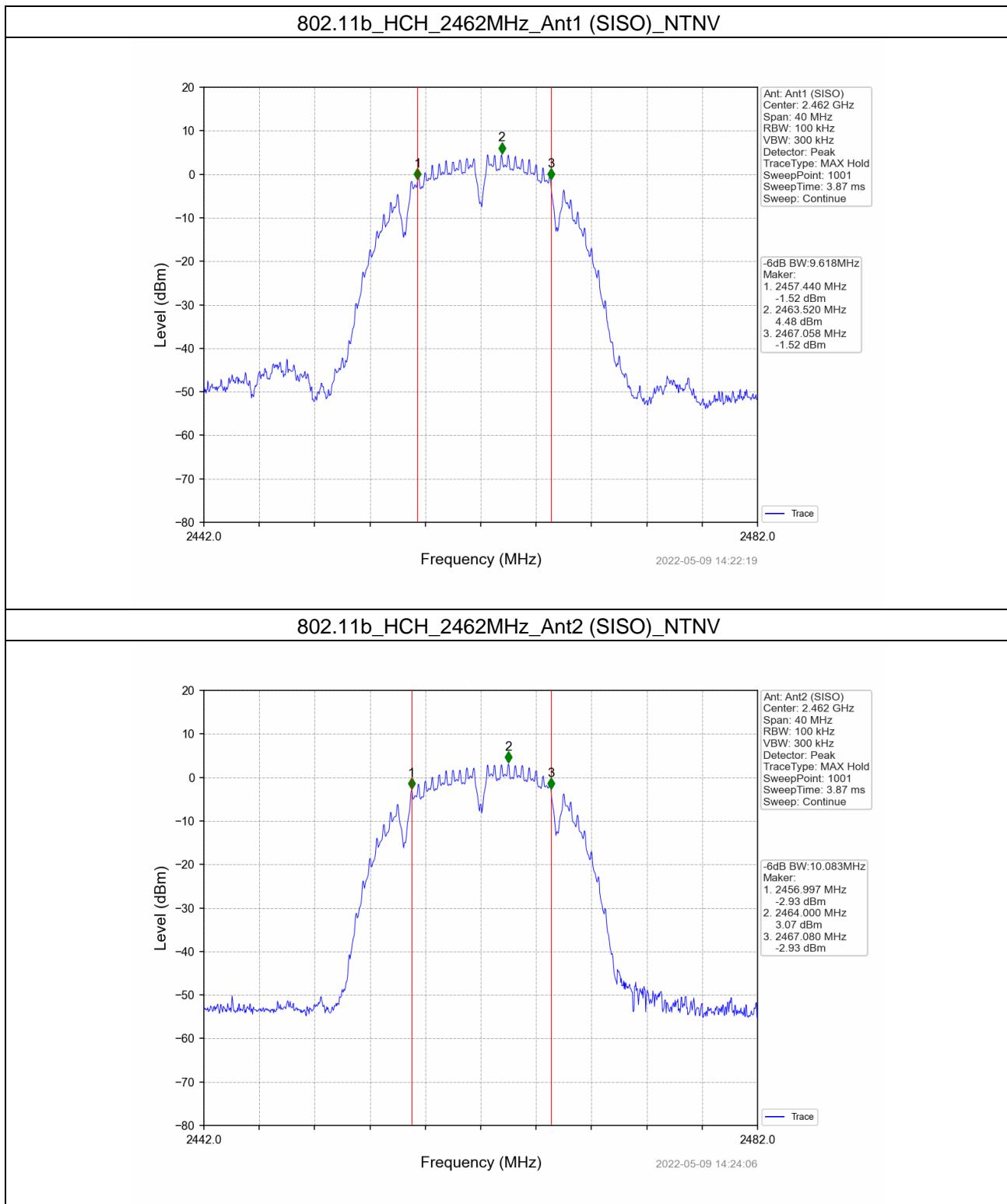


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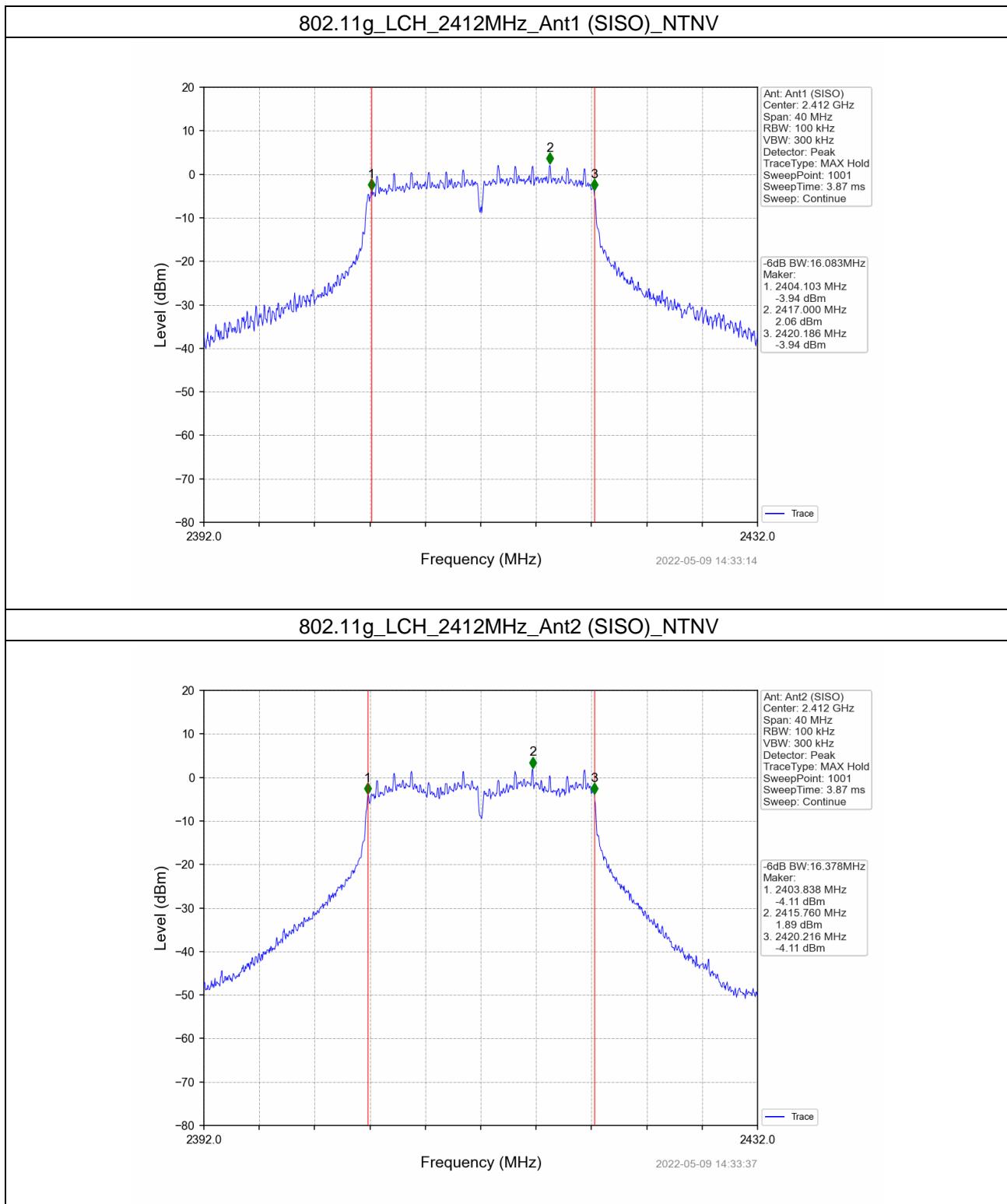


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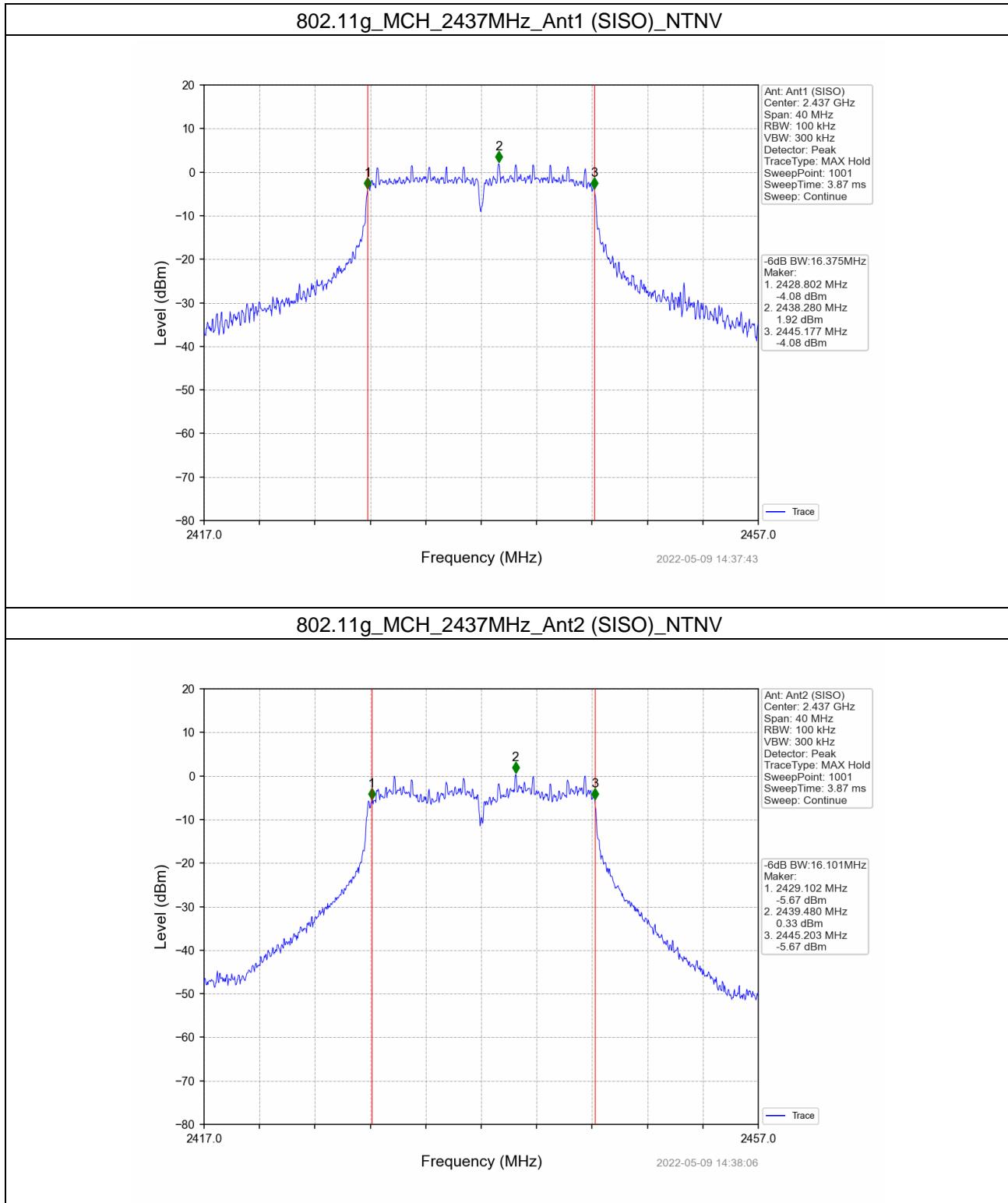


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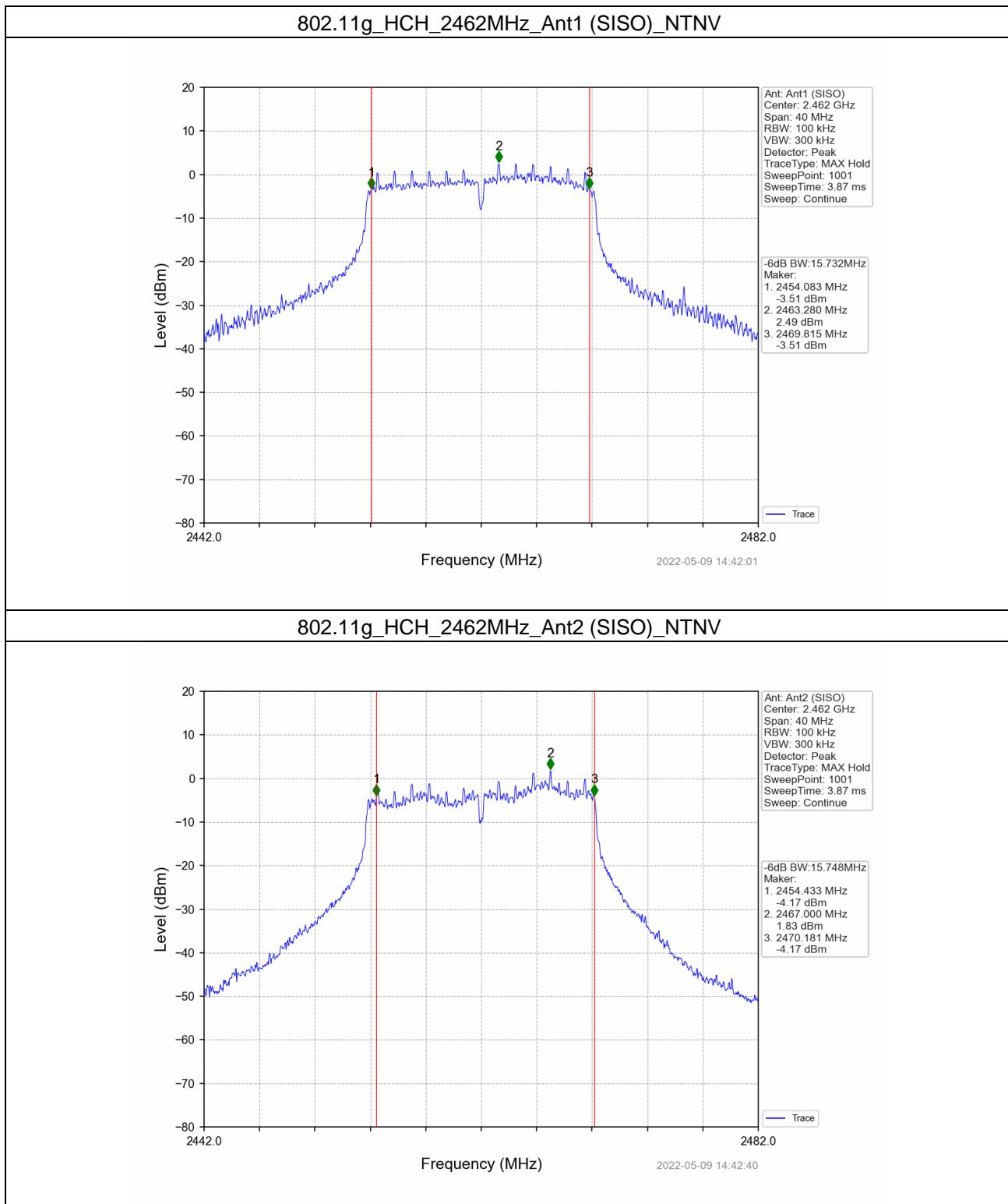


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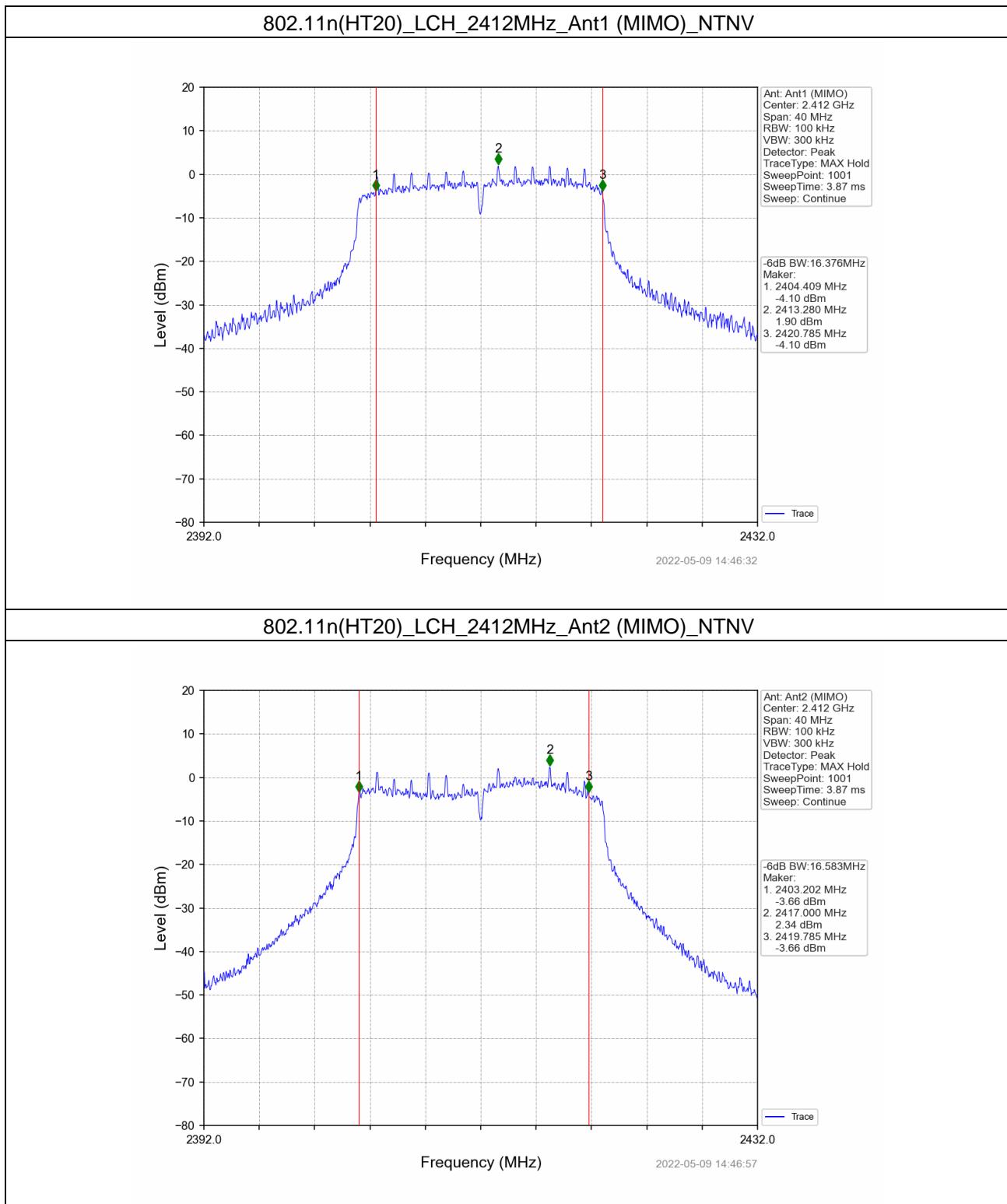


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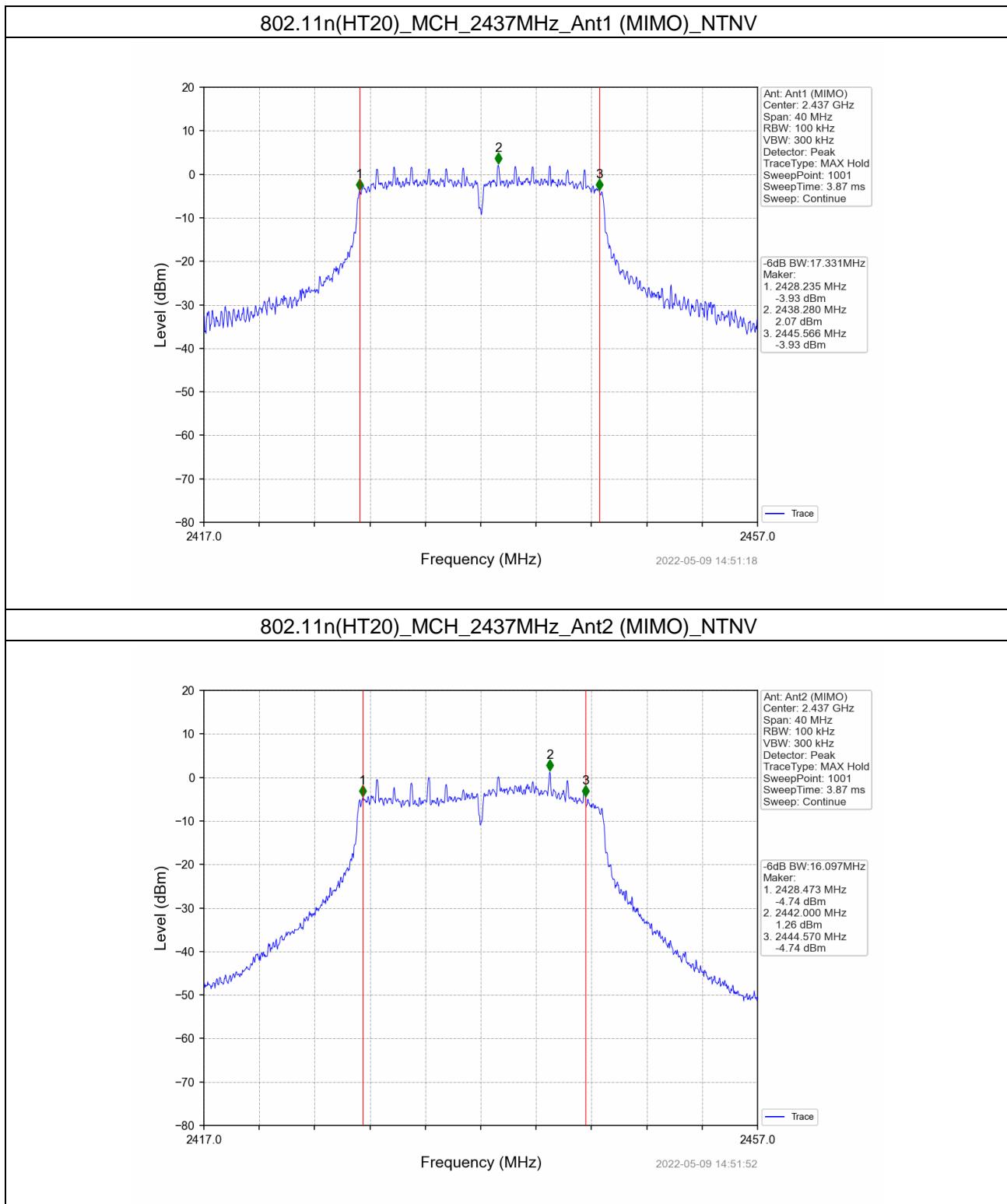


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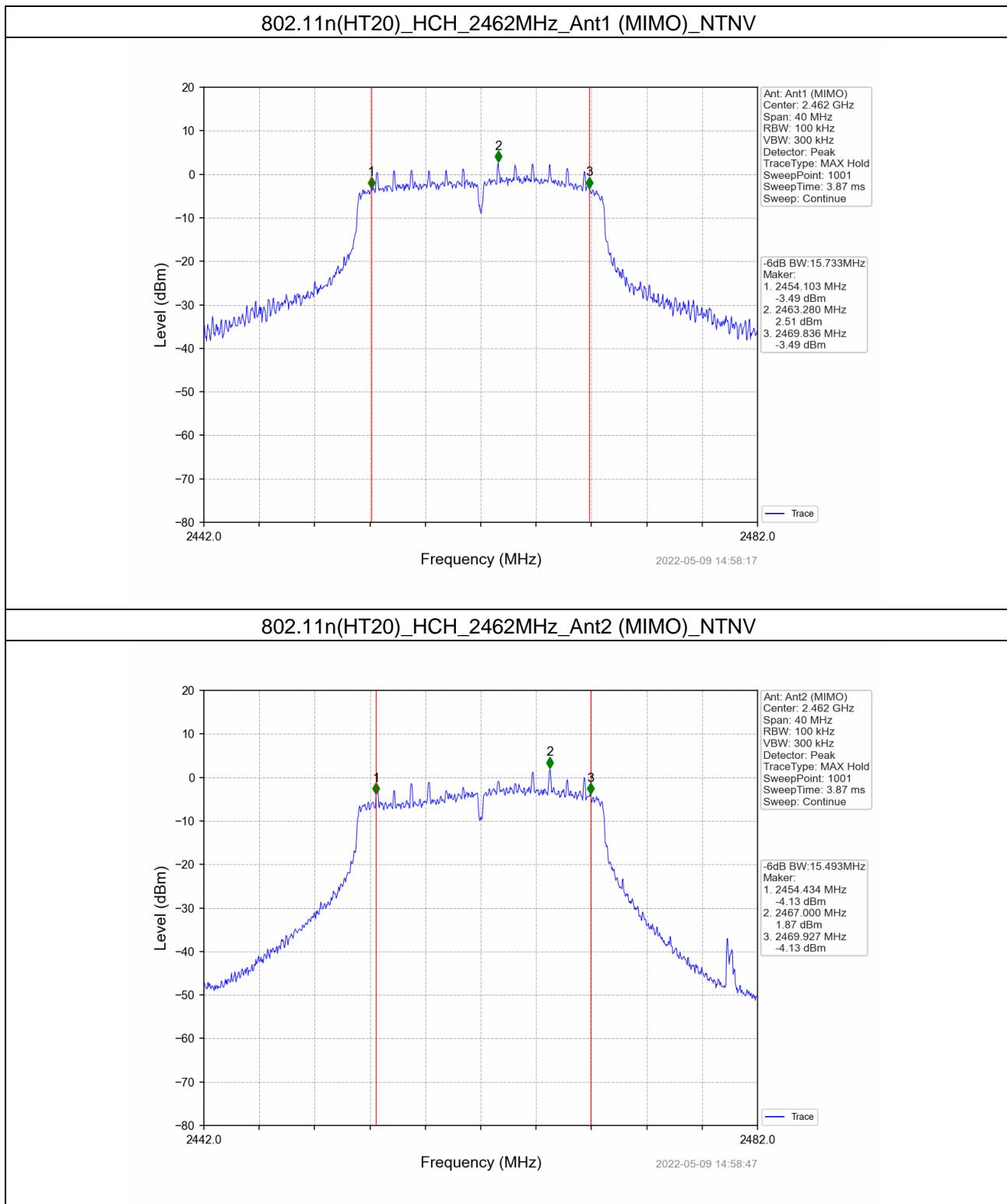
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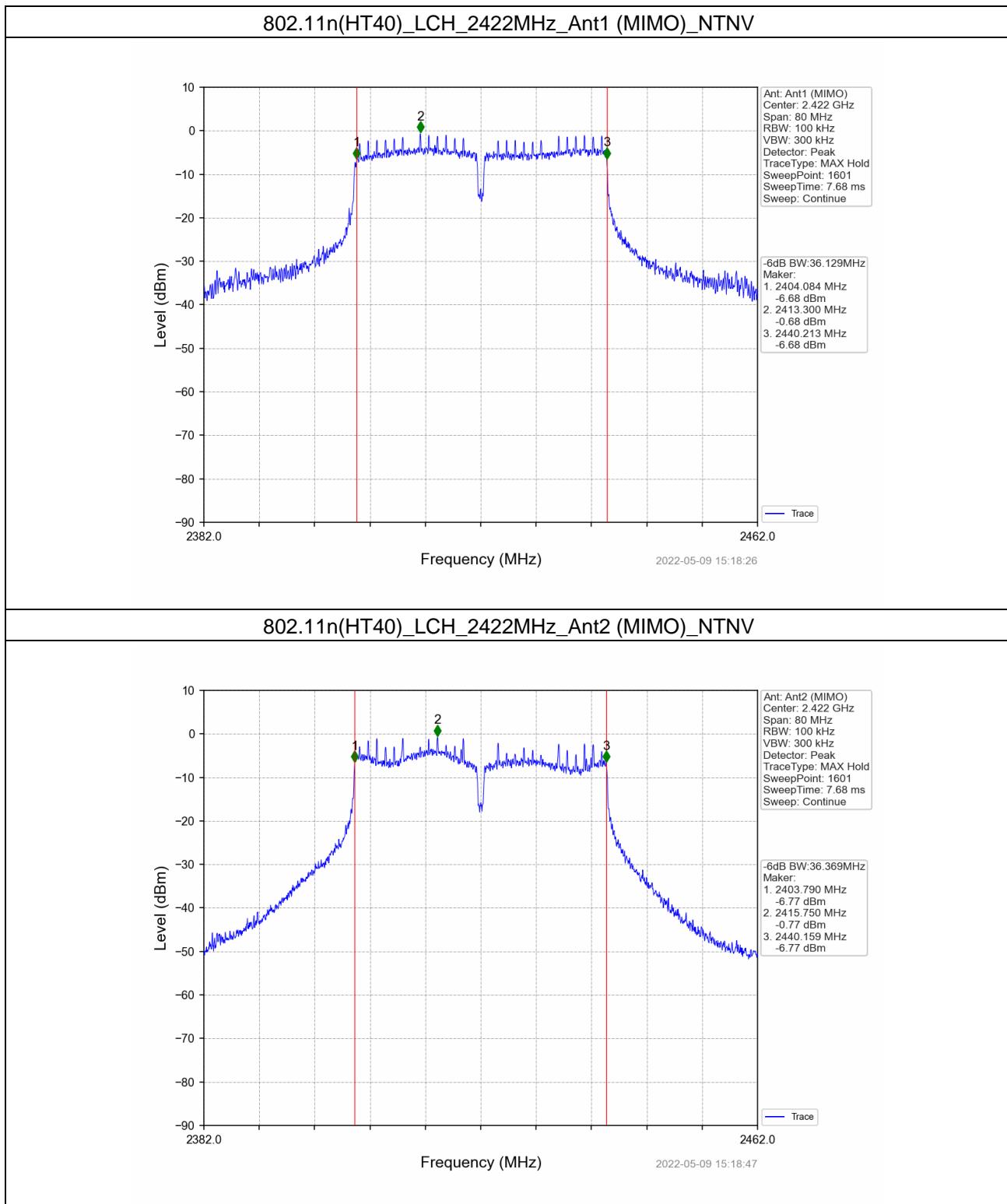


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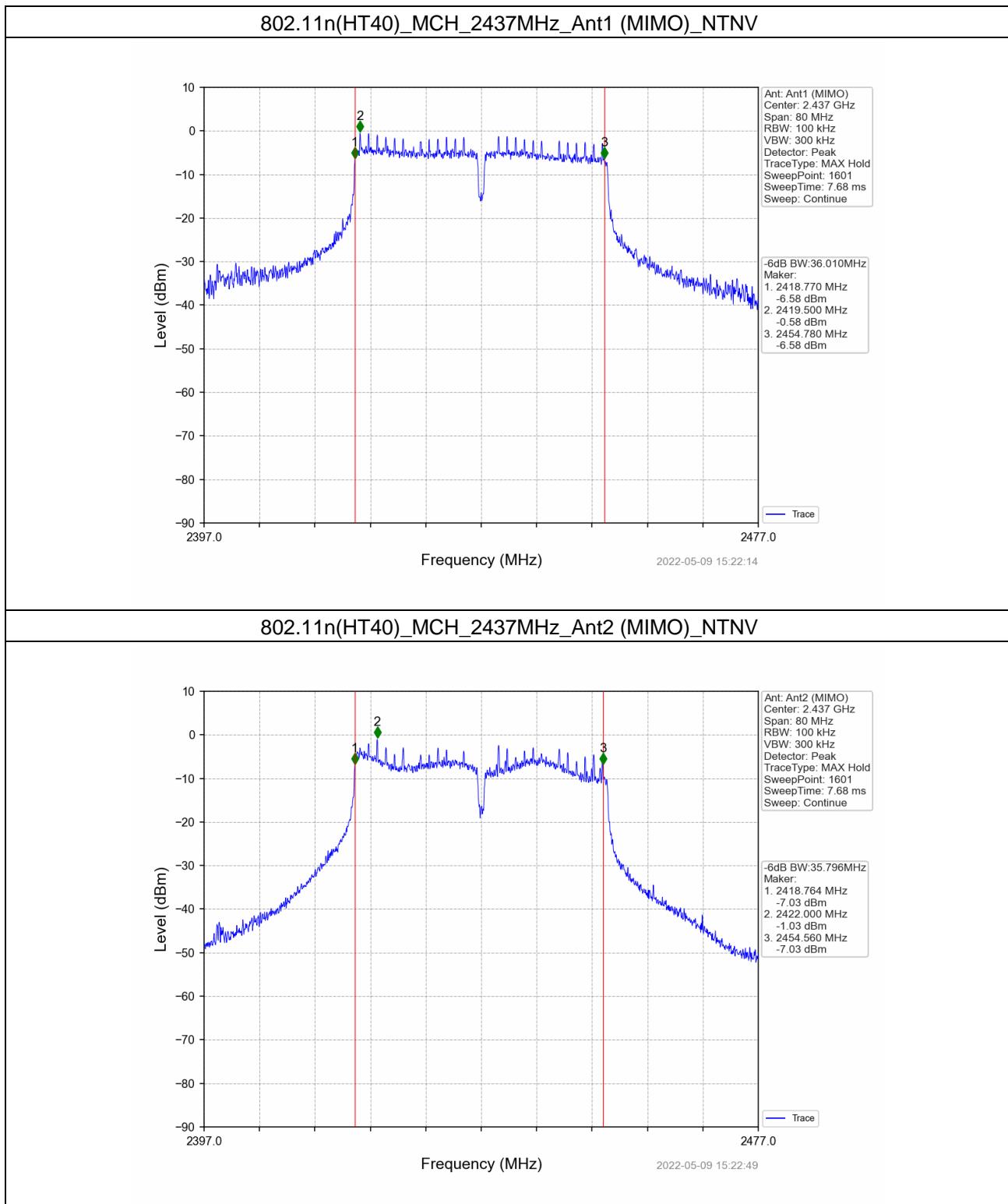


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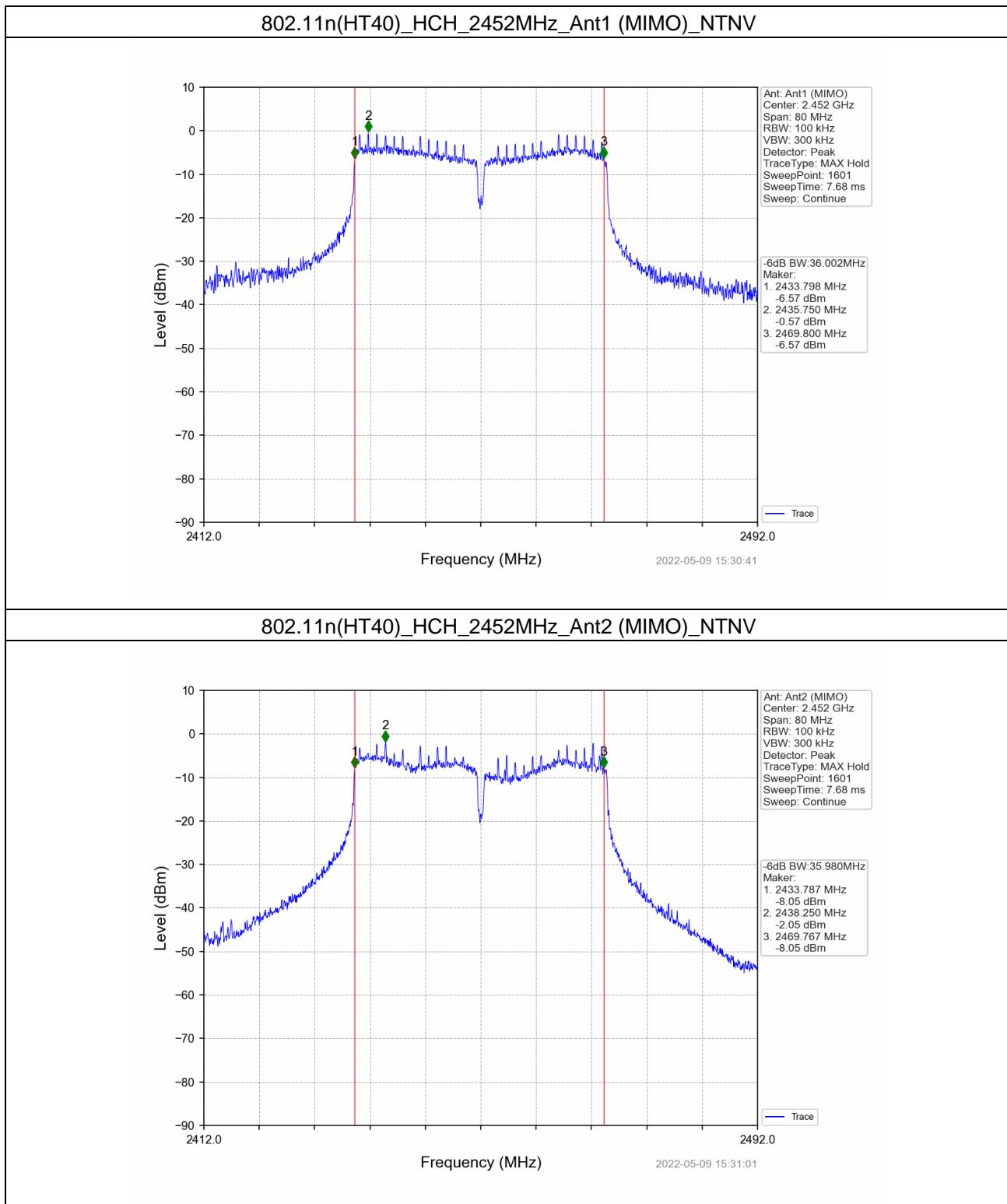


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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	15.22	15.28	/	<=30	Pass
		2437	15.31	13.98	/	<=30	Pass
		2462	15.76	14.47	/	<=30	Pass
802.11g	SISO	2412	20.33	20.58	/	<=30	Pass
		2437	20.61	18.99	/	<=30	Pass
		2462	20.57	19.09	/	<=30	Pass
802.11n (HT20)	MIMO	2412	20.04	19.87	22.97	<=30	Pass
		2437	20.65	18.31	22.65	<=30	Pass
		2462	20.34	18.25	22.43	<=30	Pass
802.11n (HT40)	MIMO	2422	20.77	19.93	23.38	<=30	Pass
		2437	20.71	18.86	22.89	<=30	Pass
		2452	20.52	18.72	22.72	<=30	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;
Note2: Directional Gain: Correlated (Directional Gain = $G_{ANT} + 10 \cdot \log(N_{ANT})$)

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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	-11.37	-11.26	/	<=8	Pass
		2437	-10.90	-11.98	/	<=8	Pass
		2462	-9.53	-10.79	/	<=8	Pass
802.11g	SISO	2412	-12.19	-11.95	/	<=8	Pass
		2437	-11.84	-14.22	/	<=8	Pass
		2462	-12.28	-13.25	/	<=8	Pass
802.11n (HT20)	MIMO	2412	-13.44	-12.75	-10.53	<=8	Pass
		2437	-12.35	-14.22	-11.10	<=8	Pass
		2462	-11.31	-13.09	-10.70	<=8	Pass
802.11n (HT40)	MIMO	2422	-16.02	-14.78	-13.32	<=8	Pass
		2437	-13.56	-16.42	-12.77	<=8	Pass
		2452	-14.86	-16.59	-13.69	<=8	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;

Note2: Directional Gain: Correlated (Directional Gain = $G_{ANT} + 10 \cdot \log(N_{ANT})$)

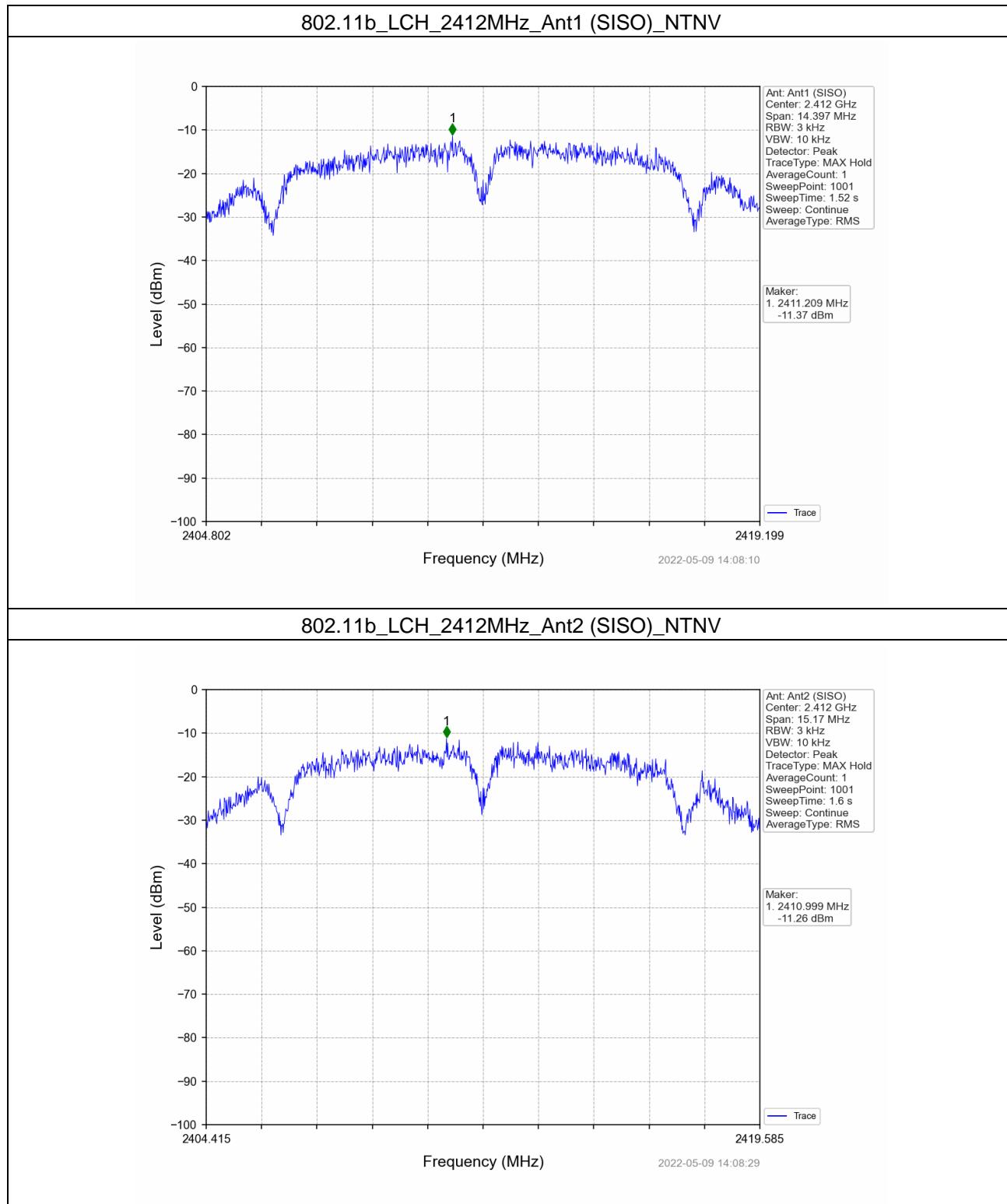
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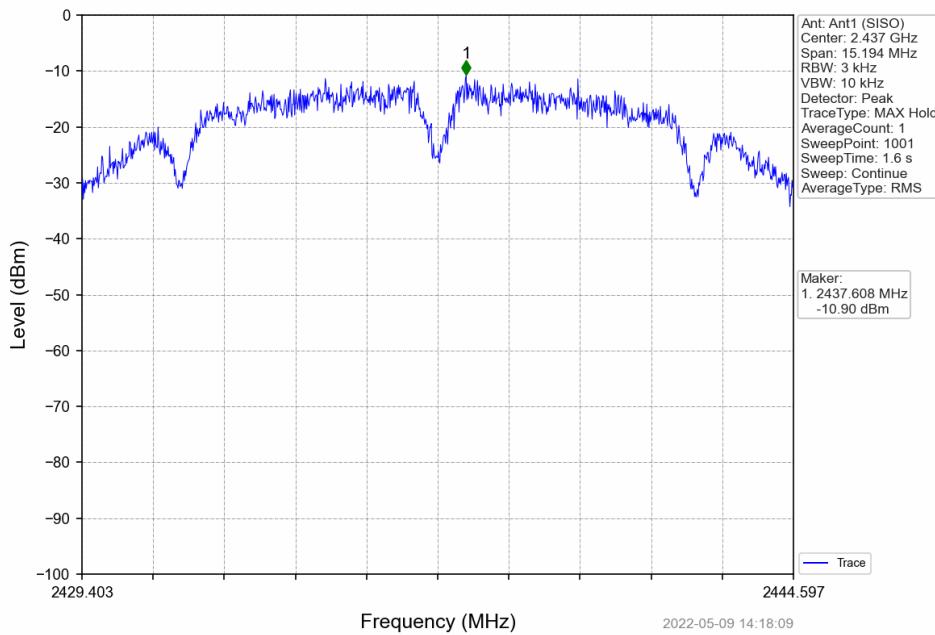
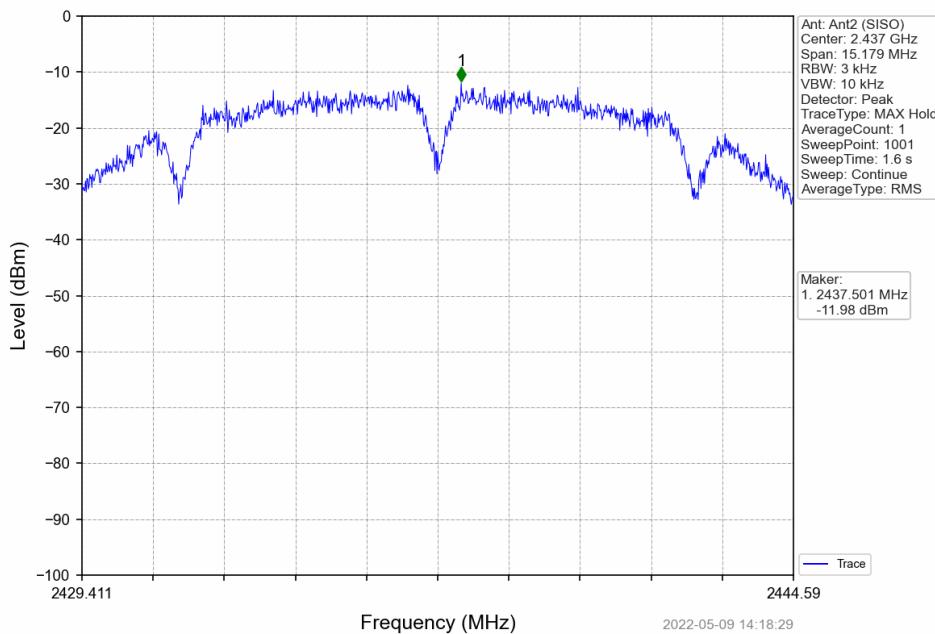
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4.1.2 Test Graph

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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV**802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV**

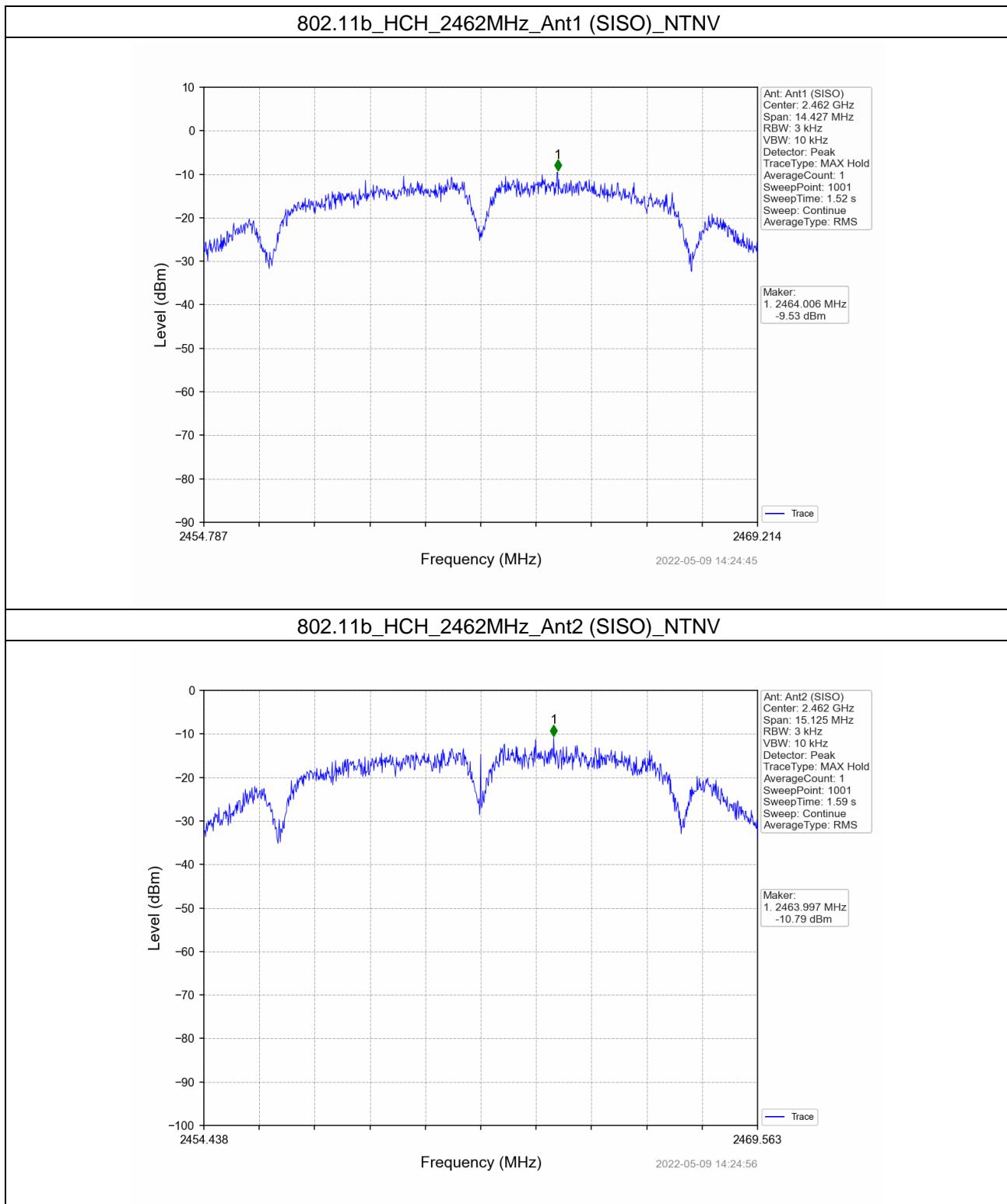
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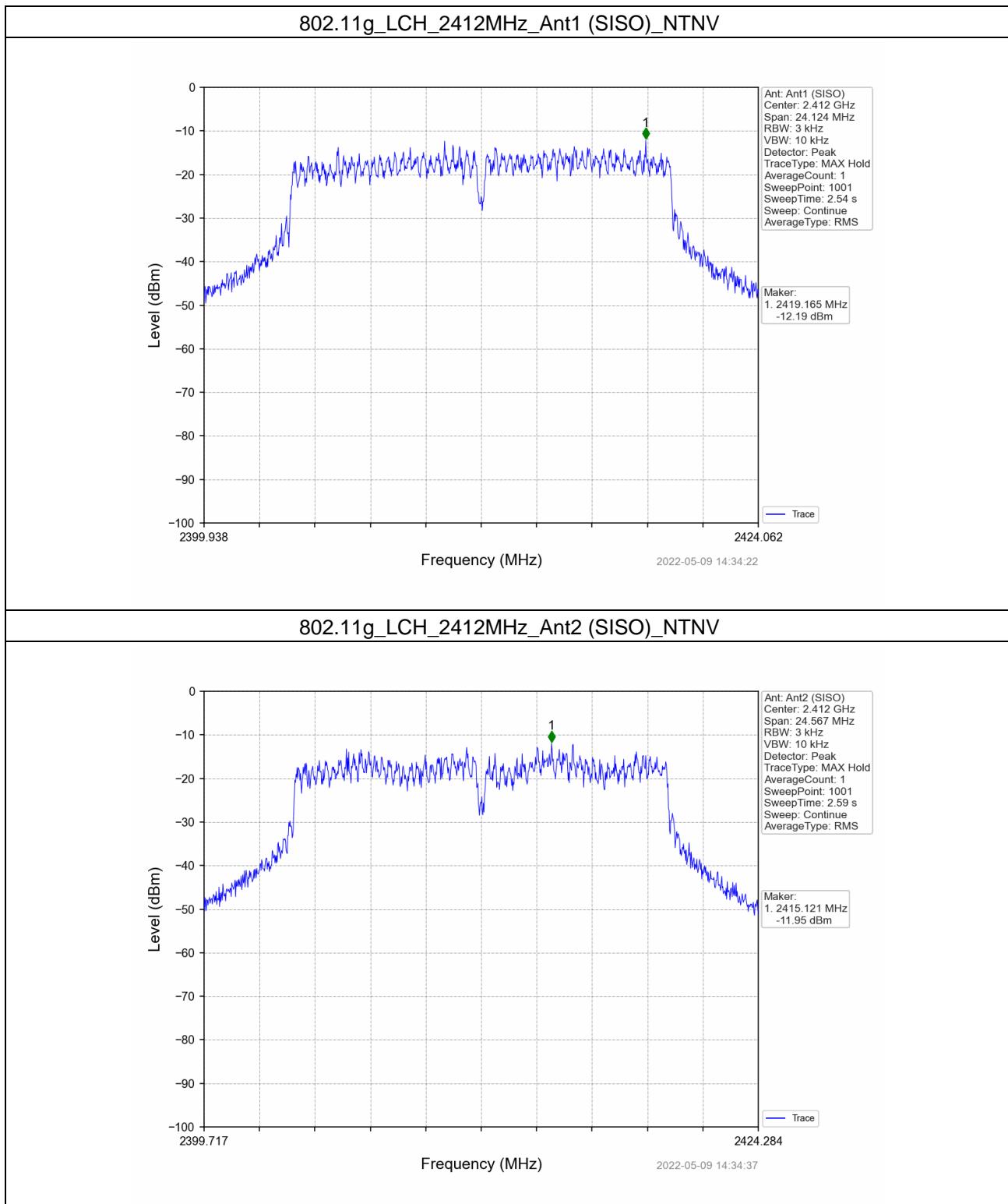
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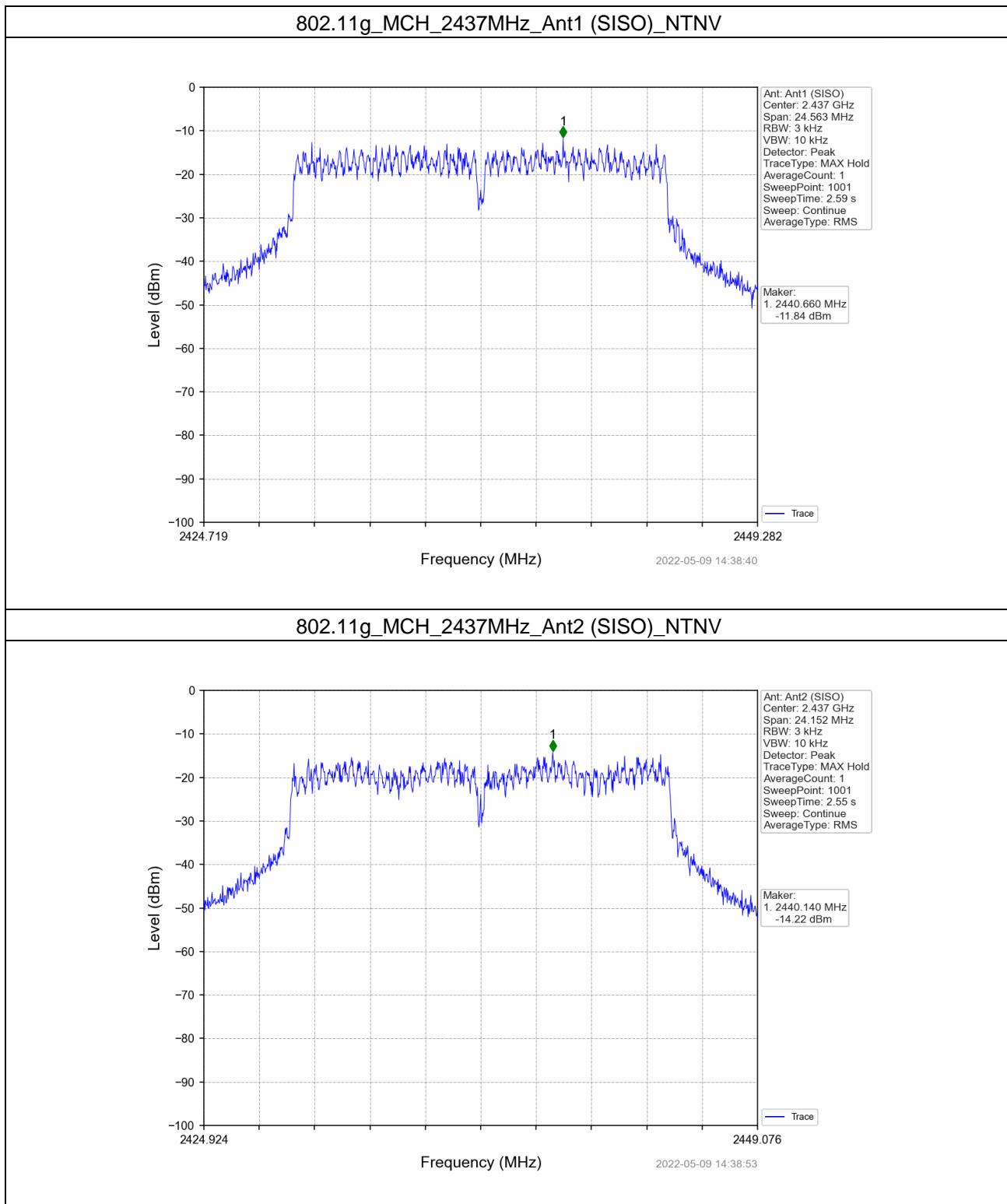


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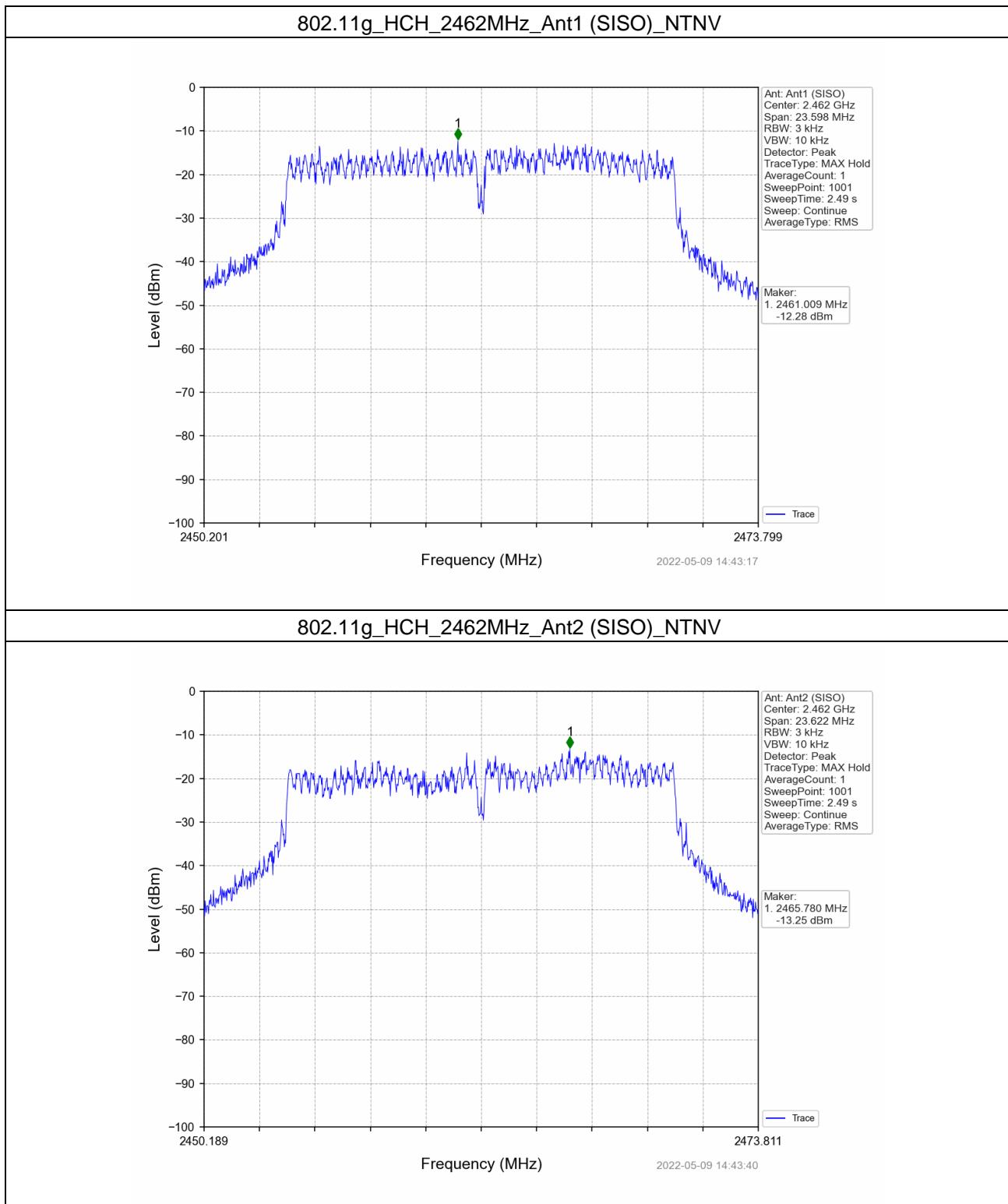


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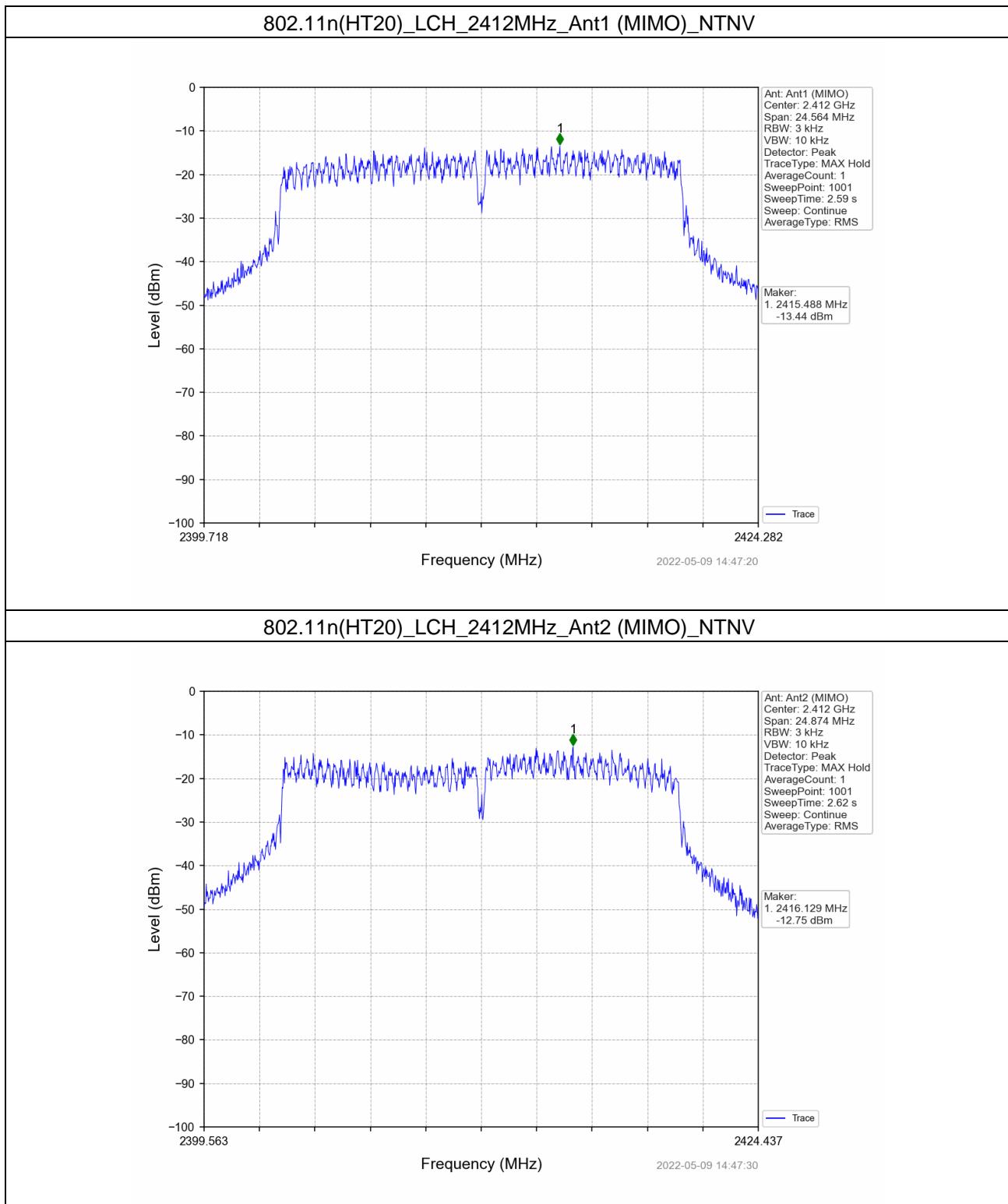
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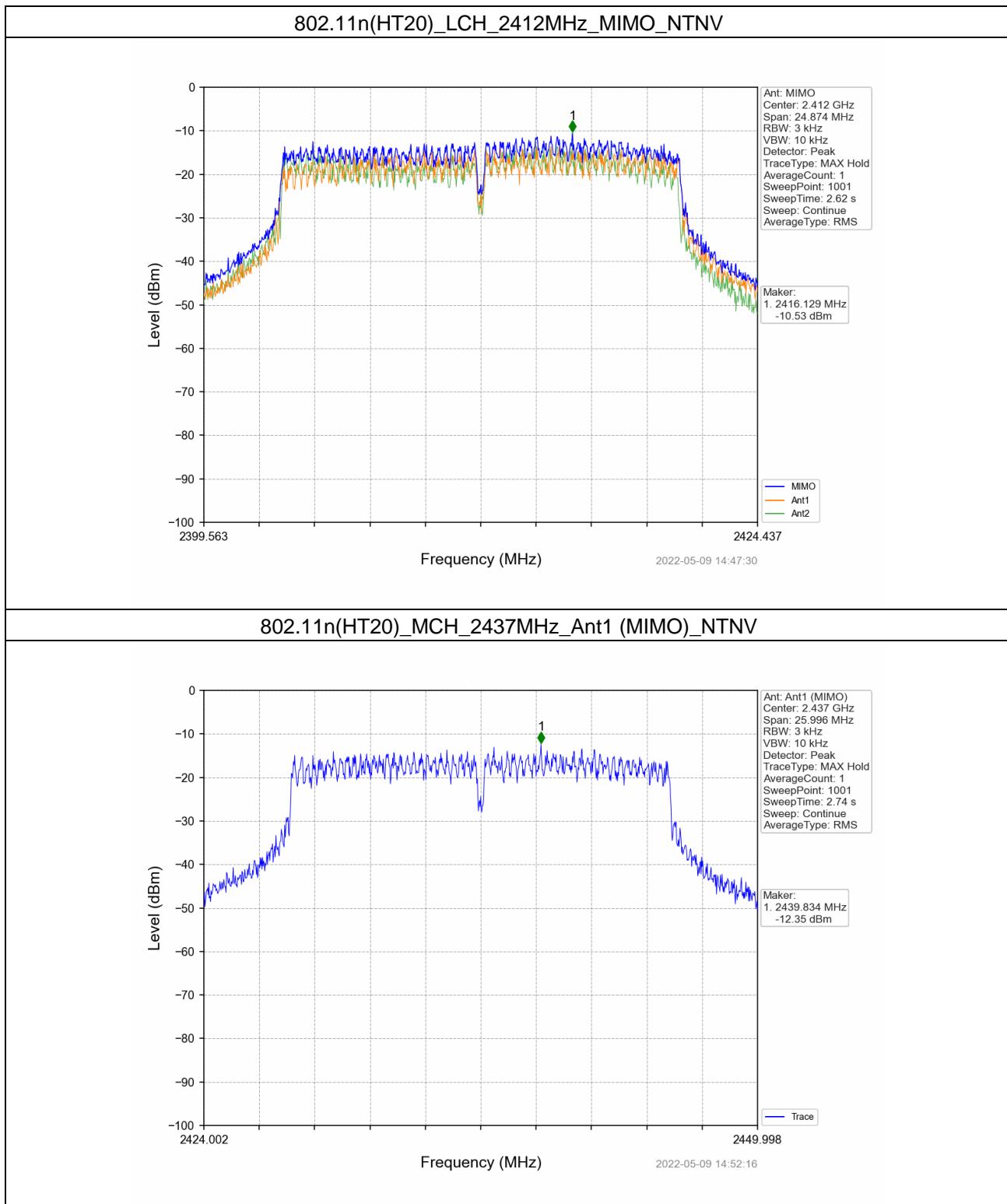
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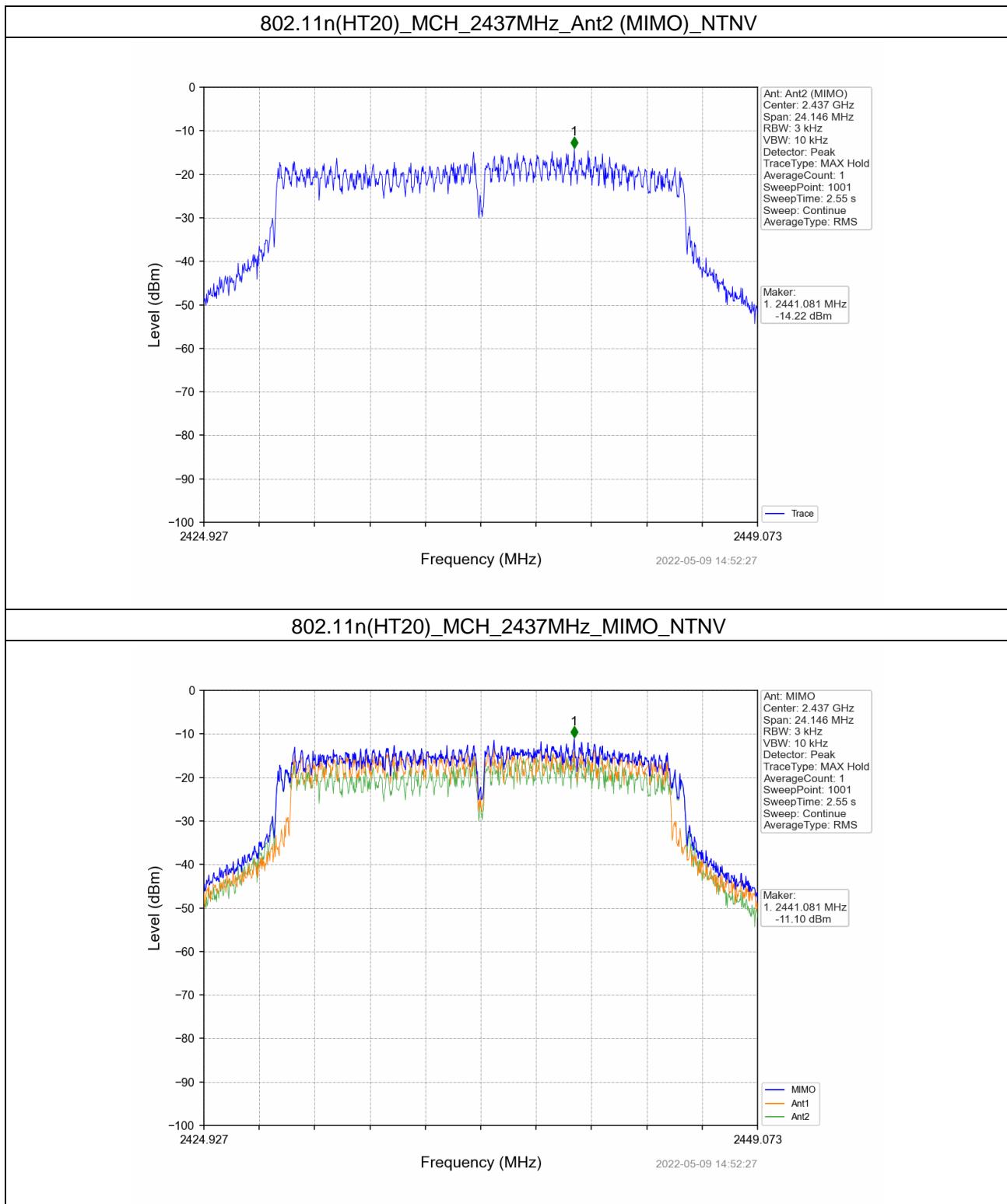


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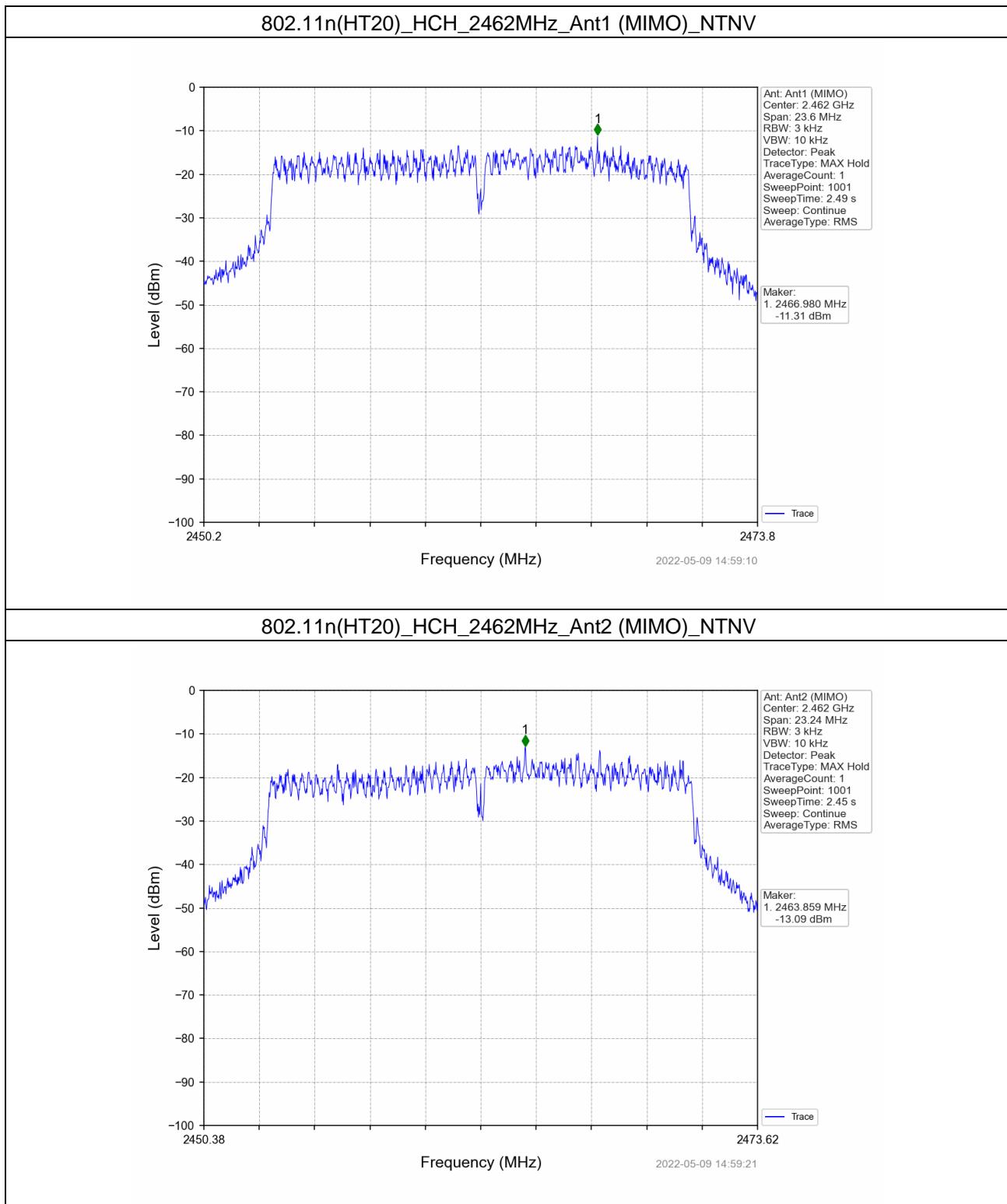
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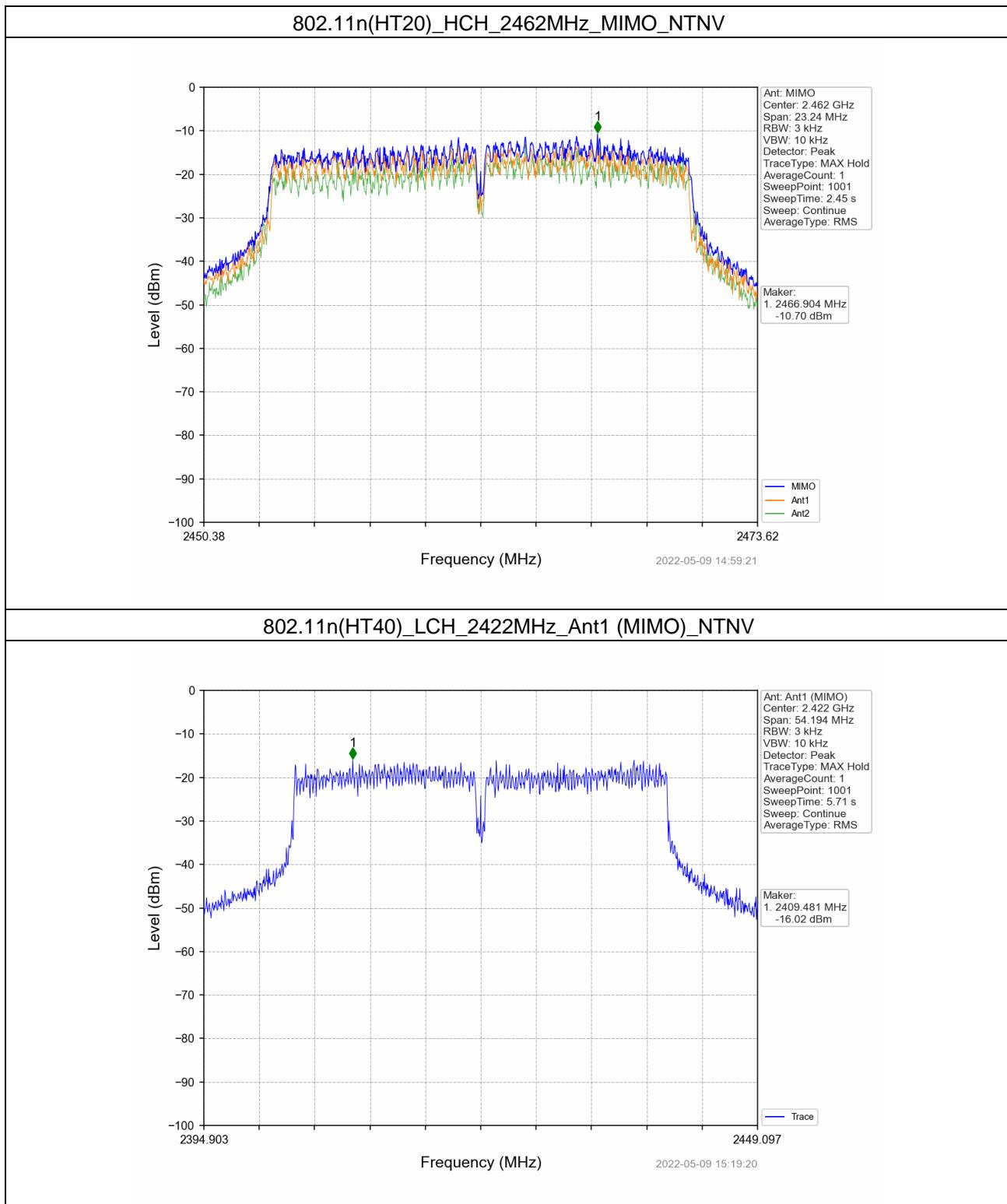
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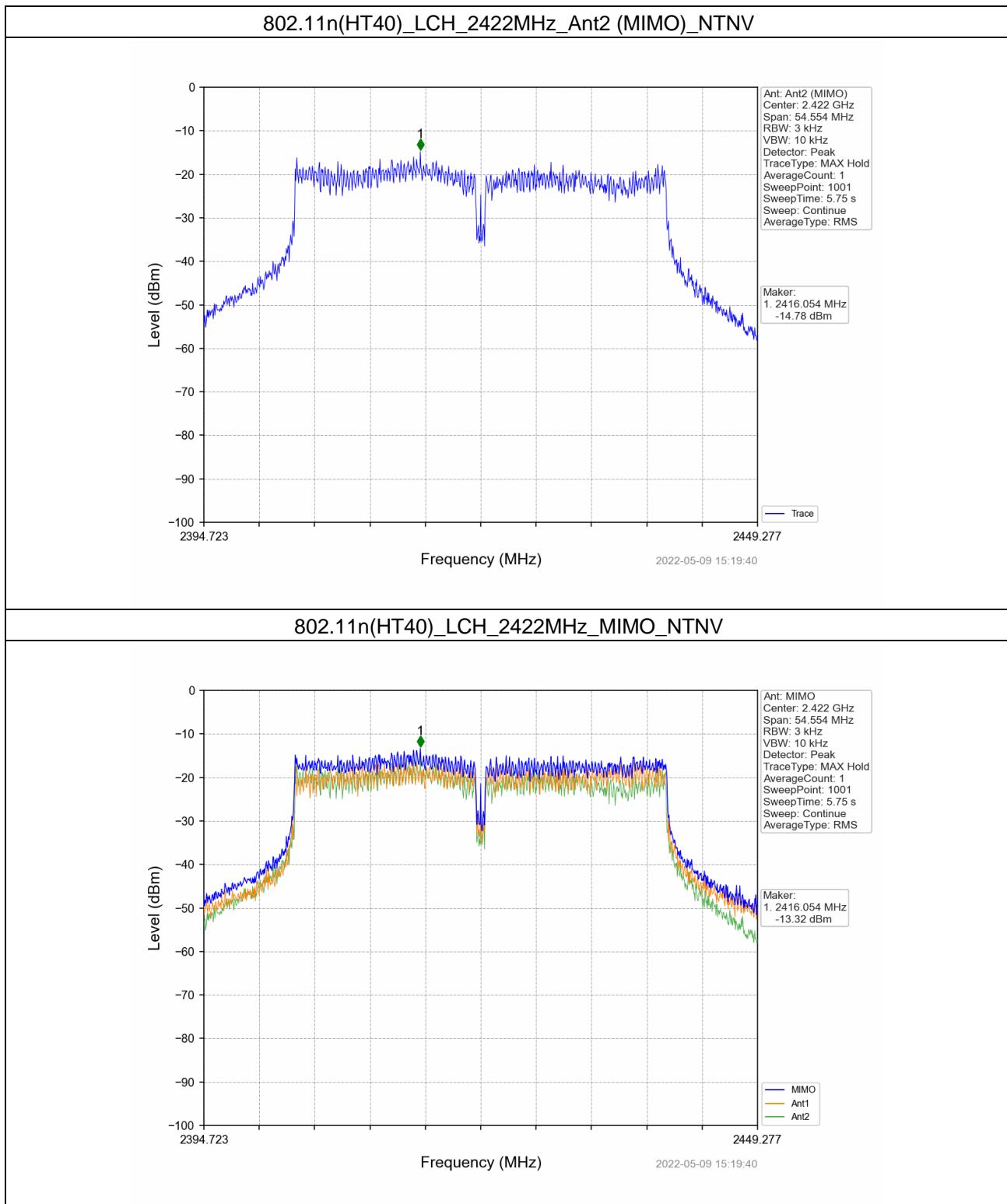


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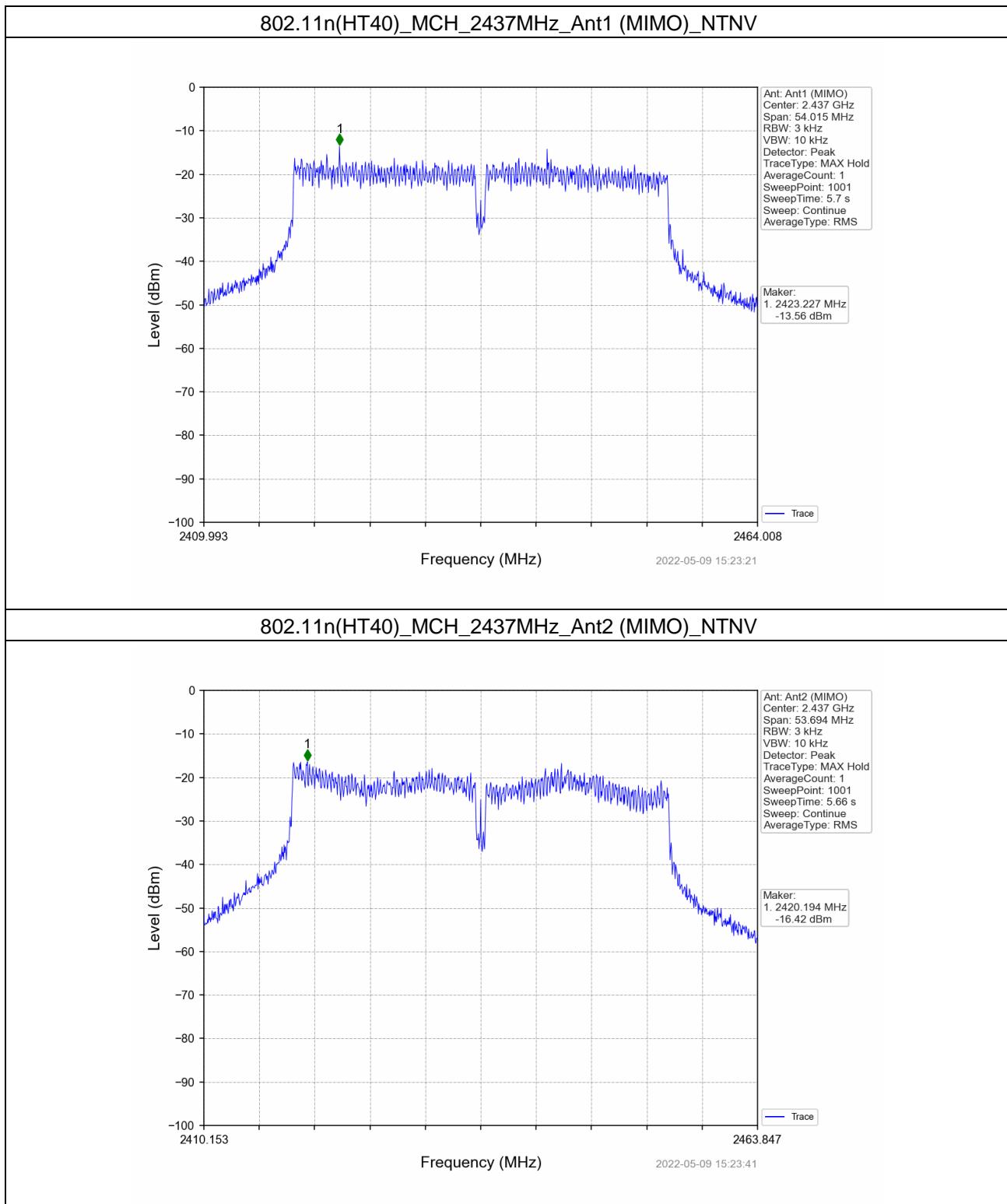


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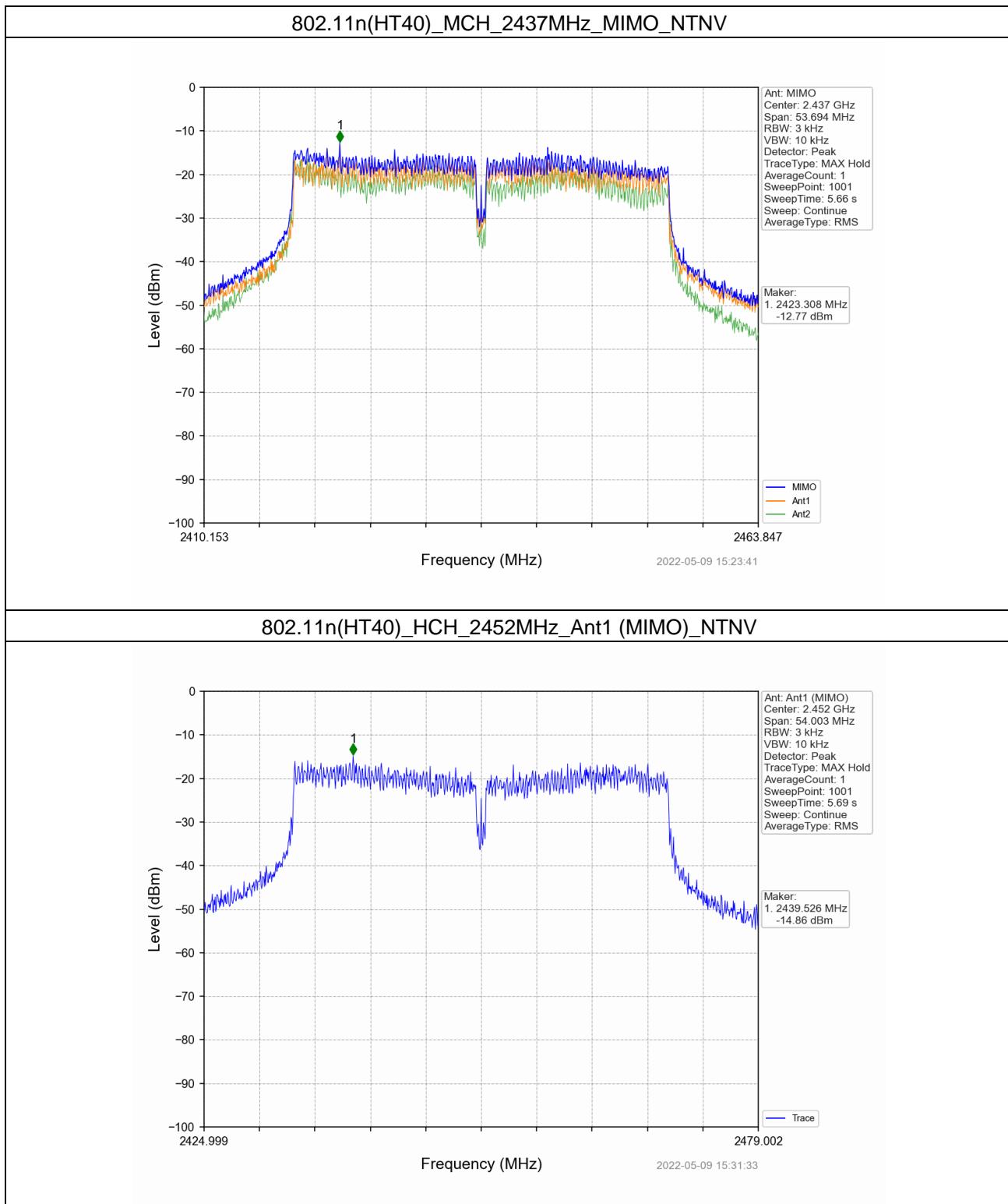


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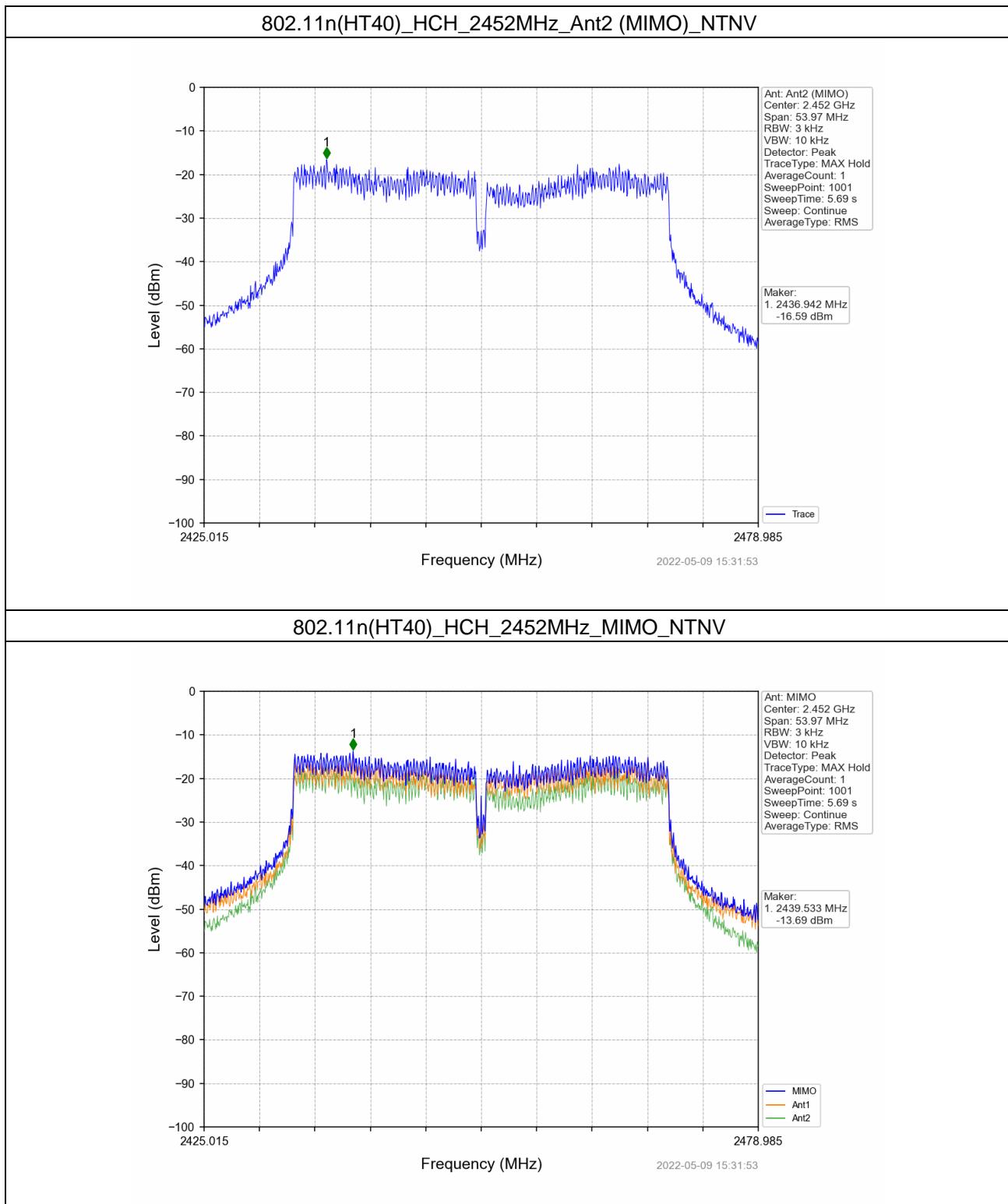
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	3.32
			2	3.43
		2437	1	3.31
			2	1.92
		2462	1	4.36
			2	2.90
		2412	1	1.79
			2	1.79
		2437	1	1.50
			2	0.22
802.11g	SISO	2462	1	2.28
			2	1.68
		2412	1	1.73
			2	2.28
		2437	1	1.57
			2	0.99
		2462	1	2.30
			2	1.56
		2422	1	-0.79
			2	-0.98
802.11n (HT40)	MIMO	2437	1	-0.71
			2	-1.32
		2452	1	-0.61
			2	-2.10

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

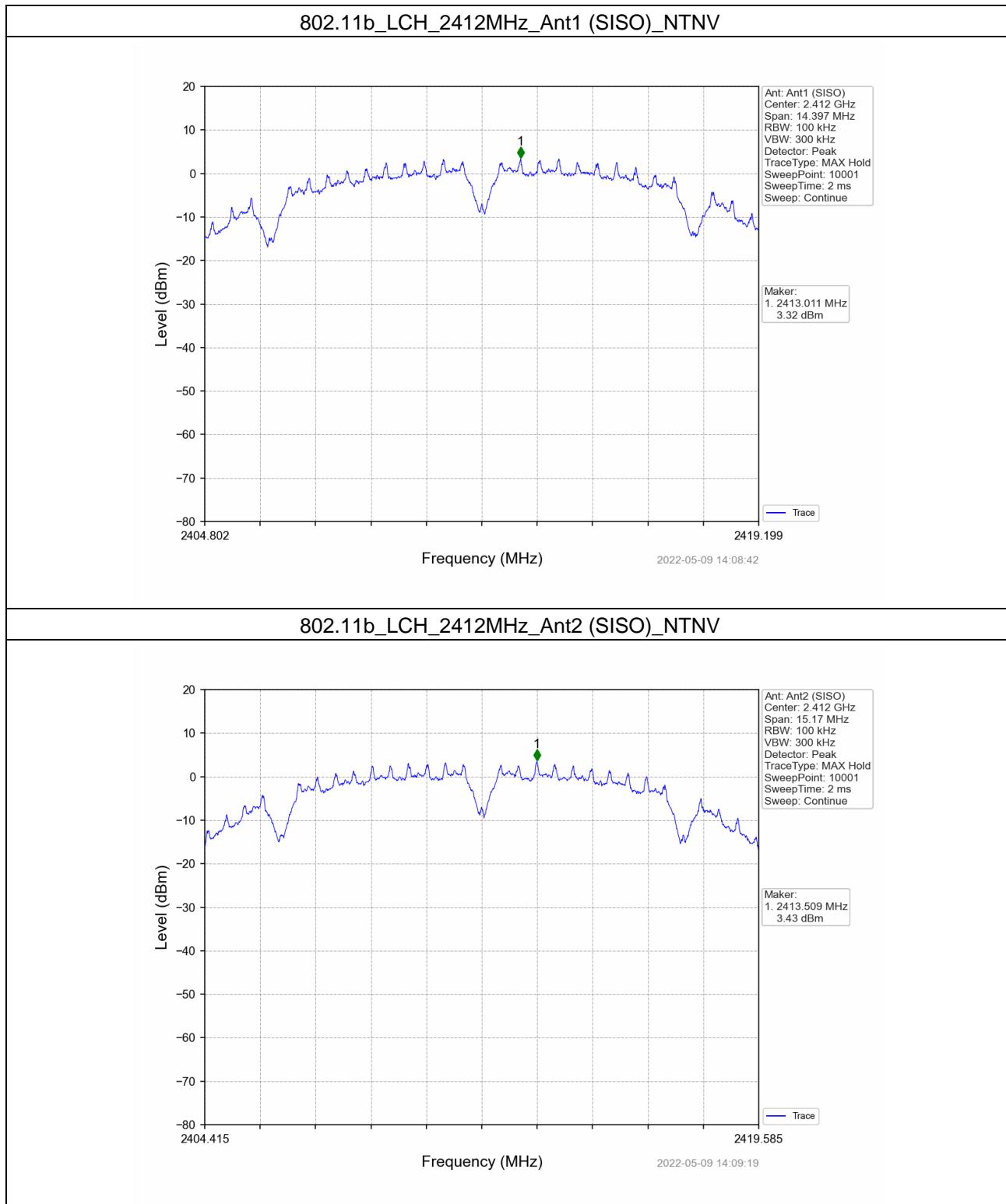
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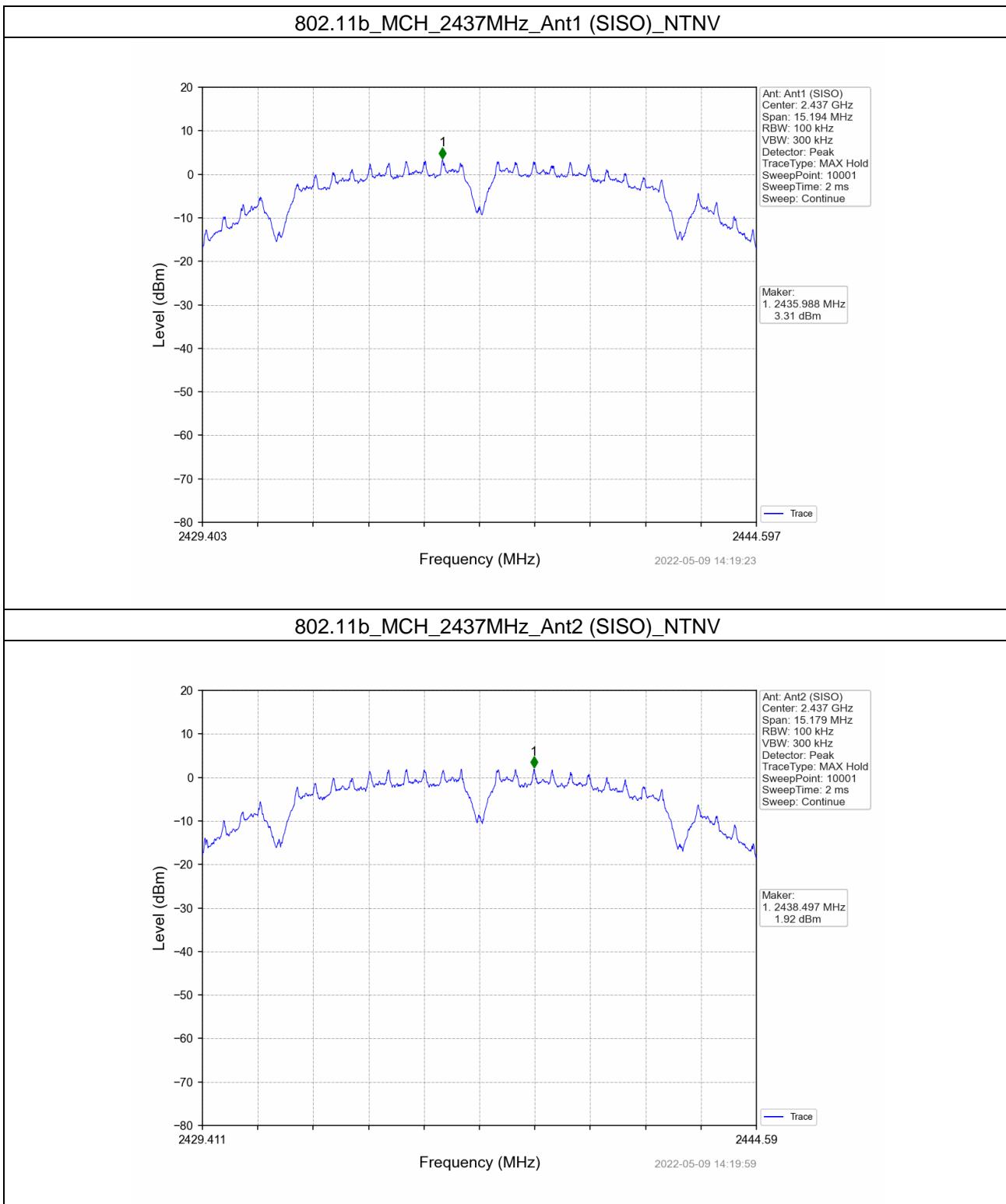
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5.1.2 Test Graph

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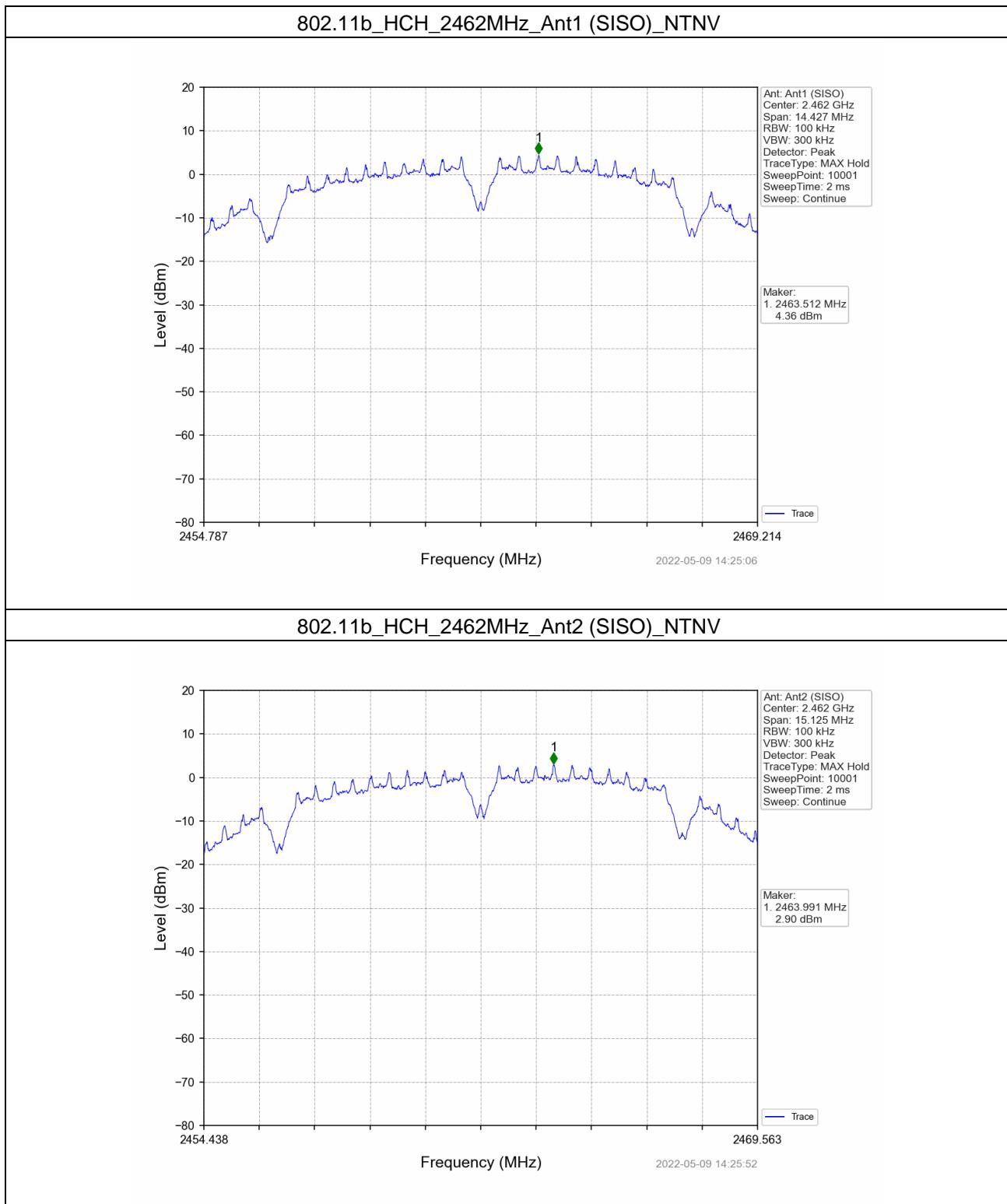


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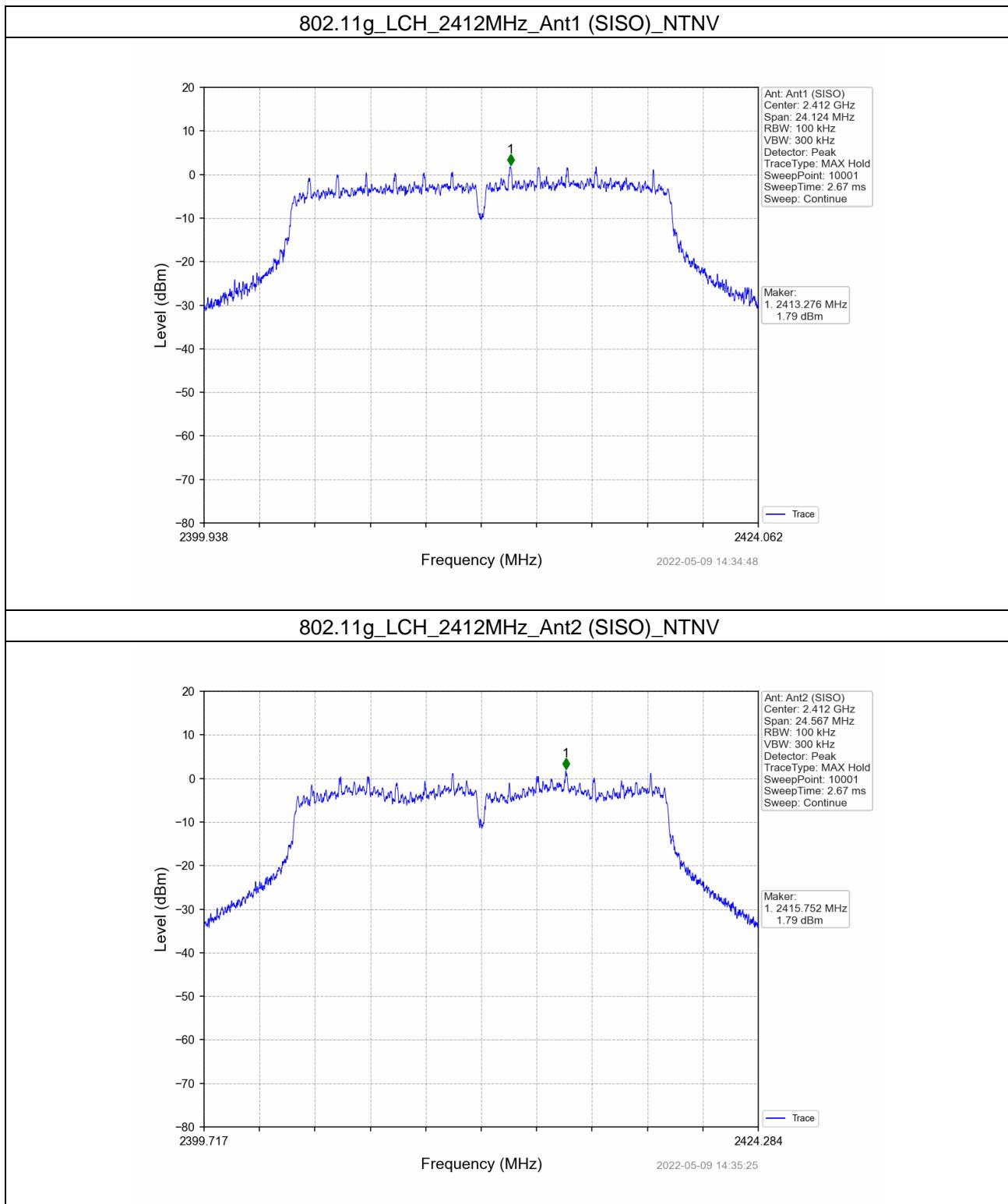
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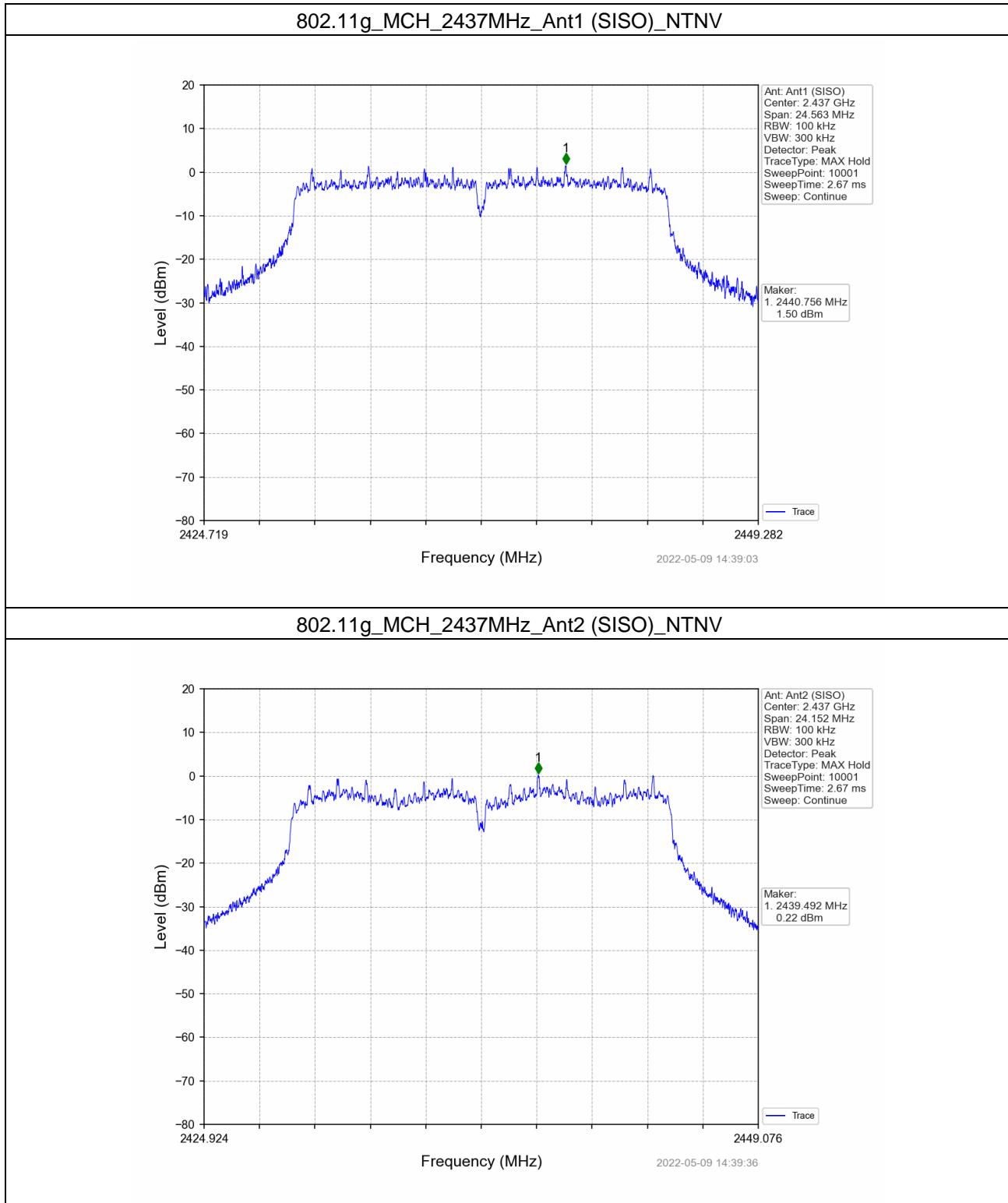


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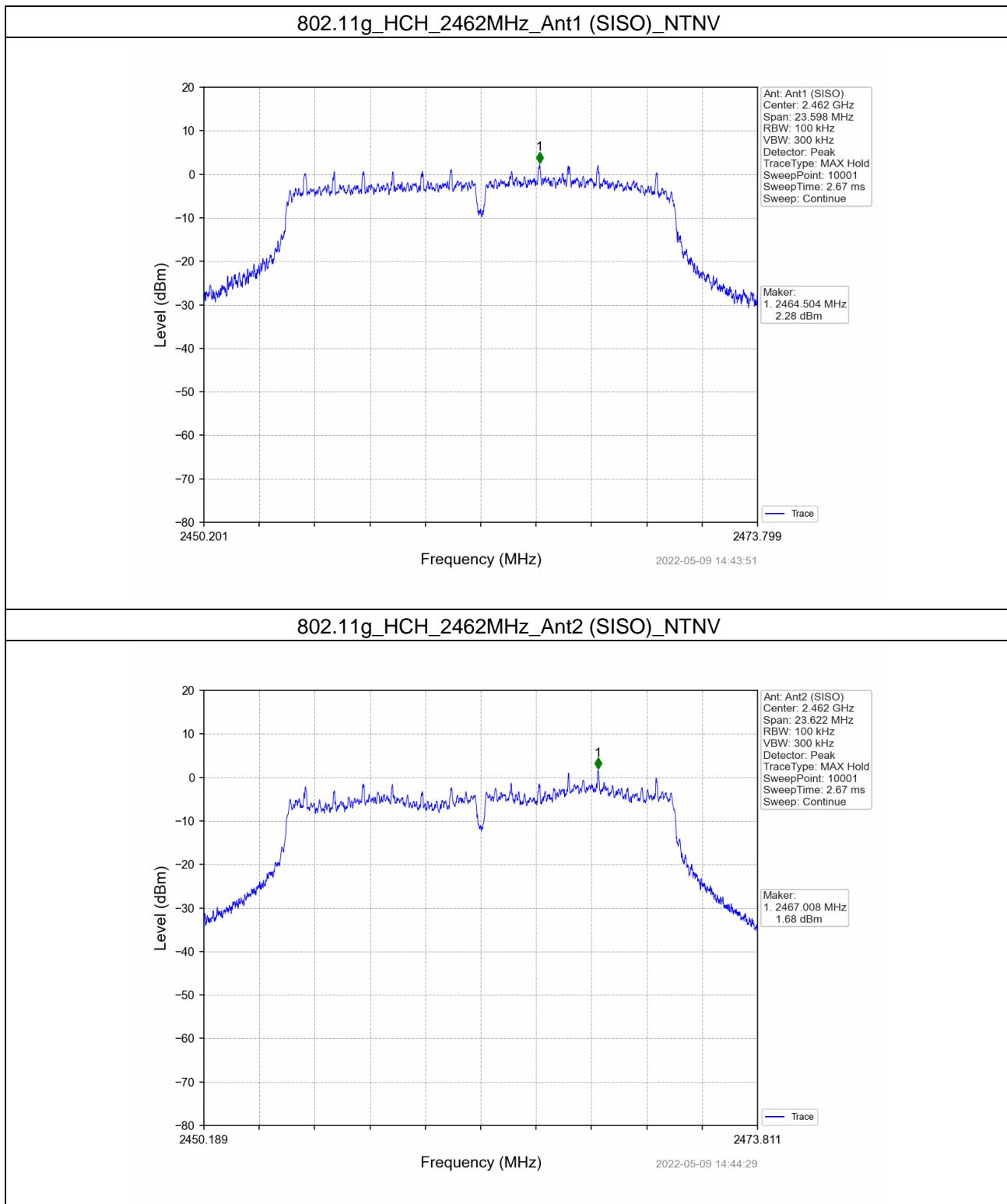
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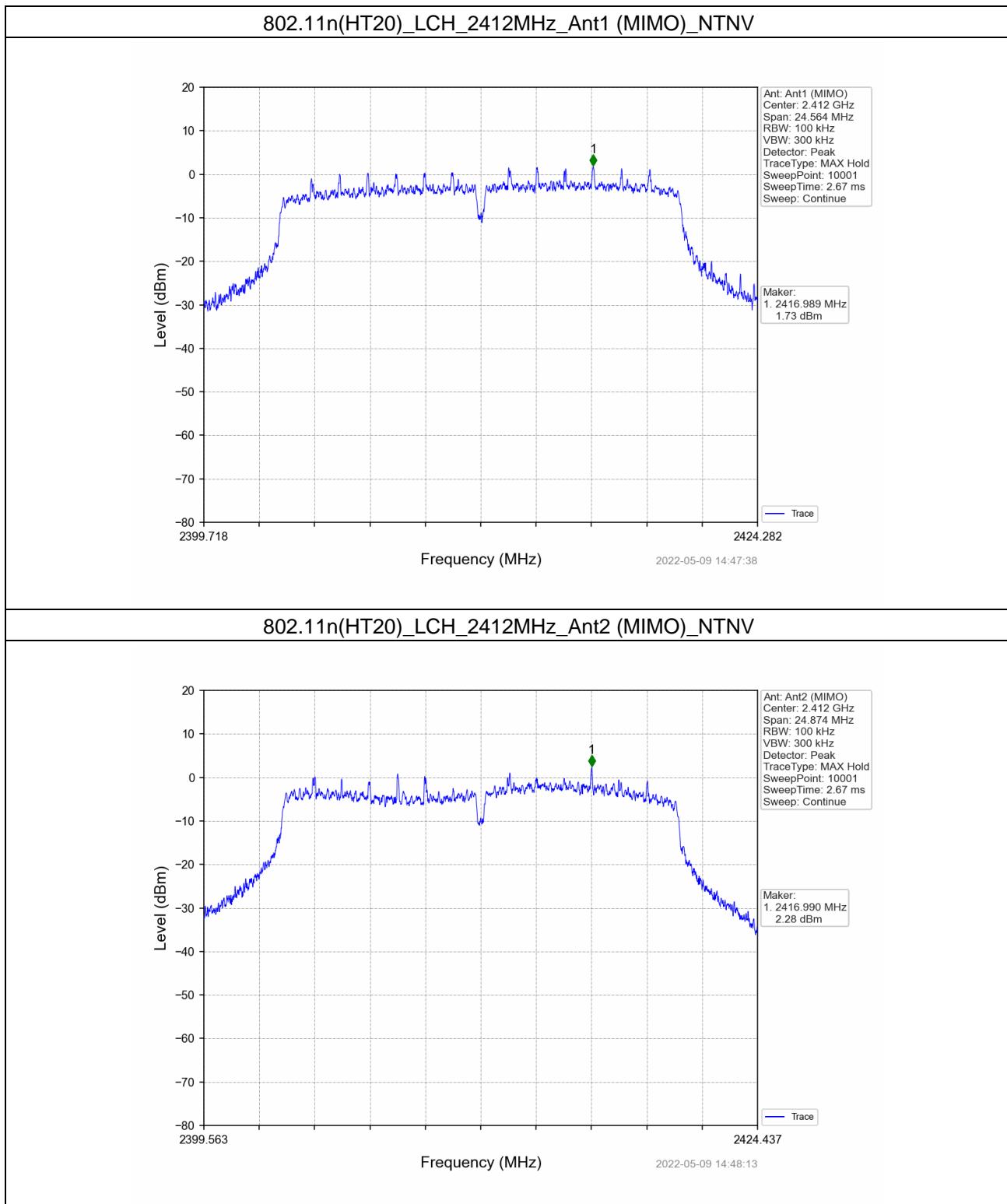
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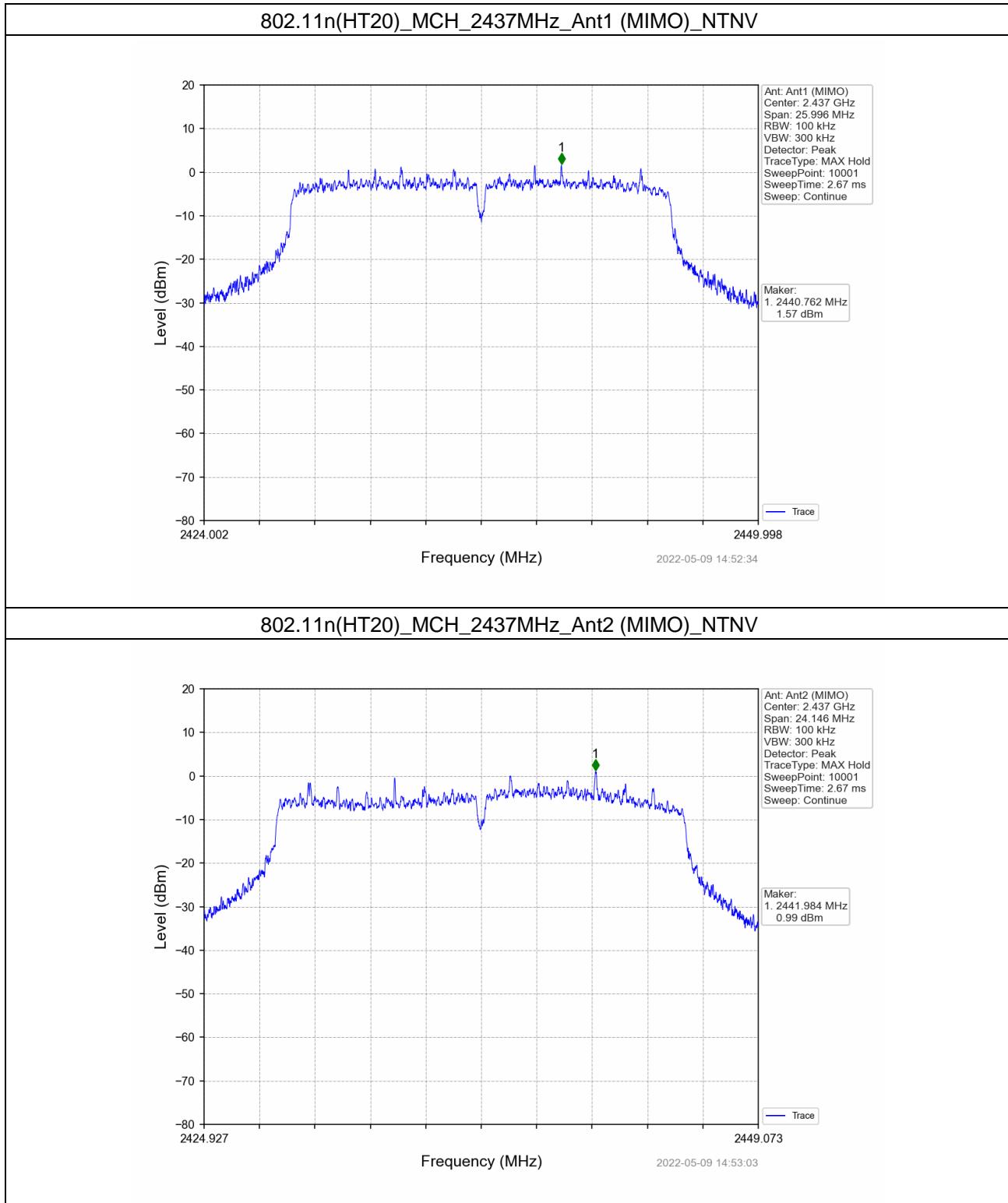


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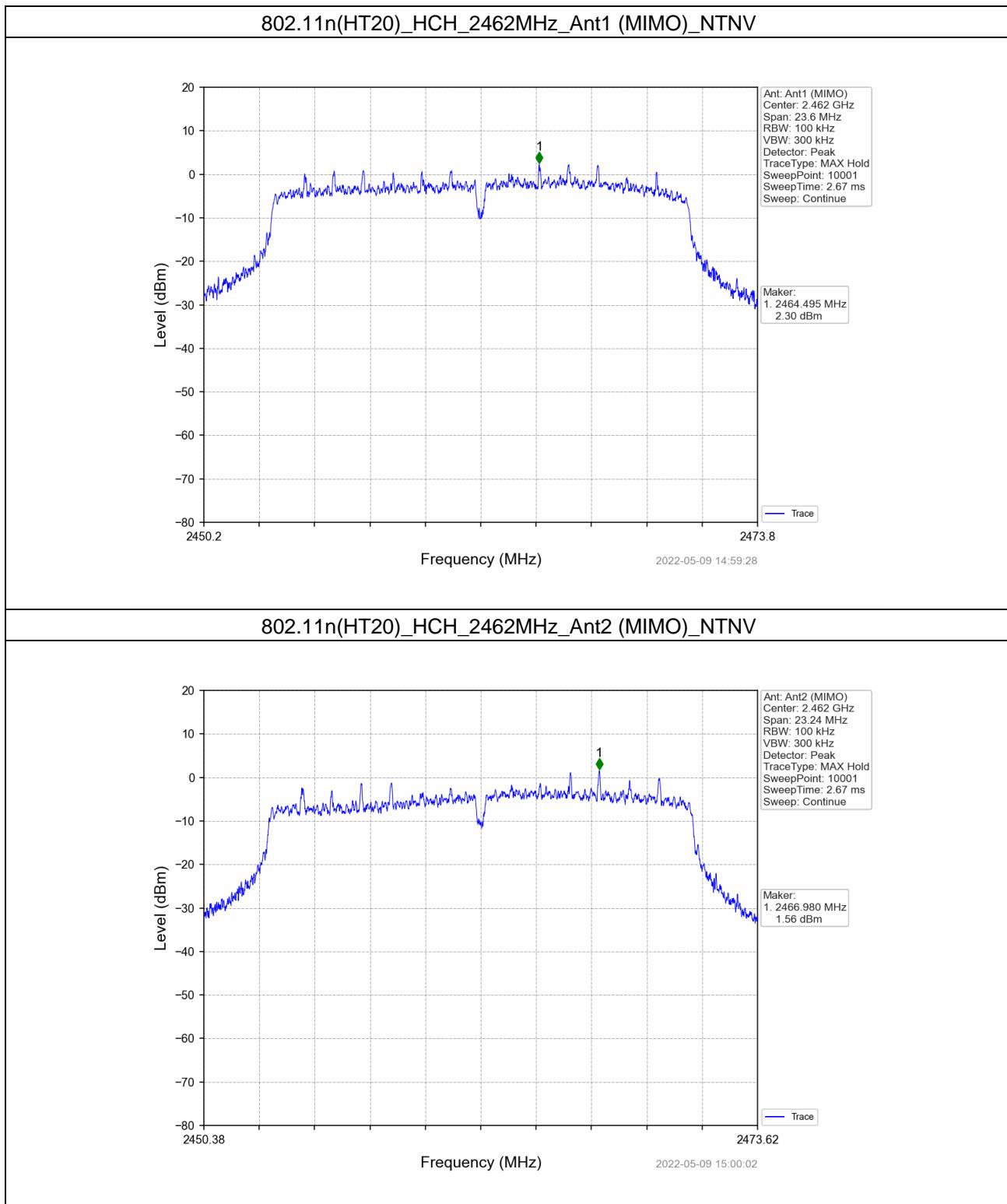


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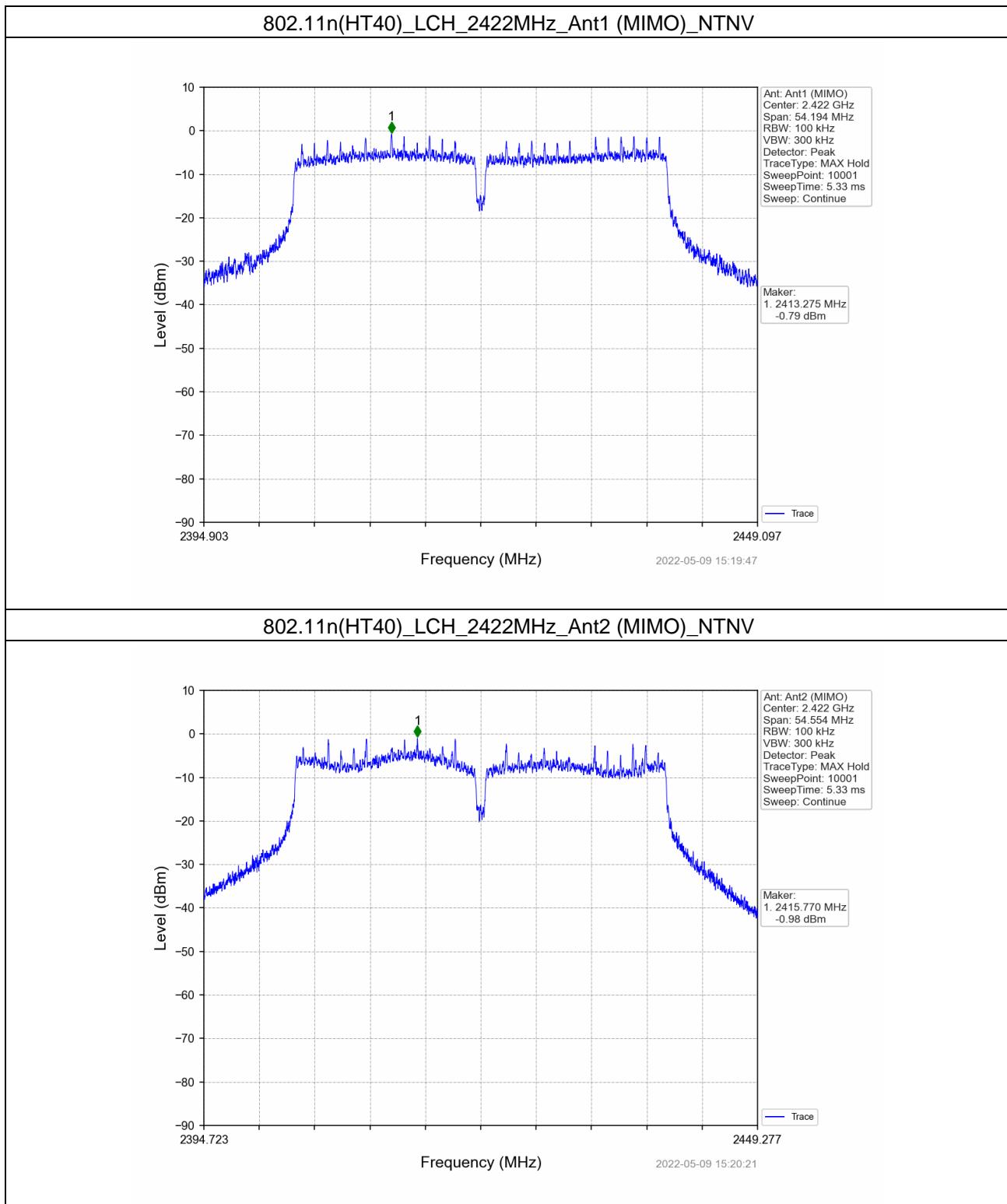
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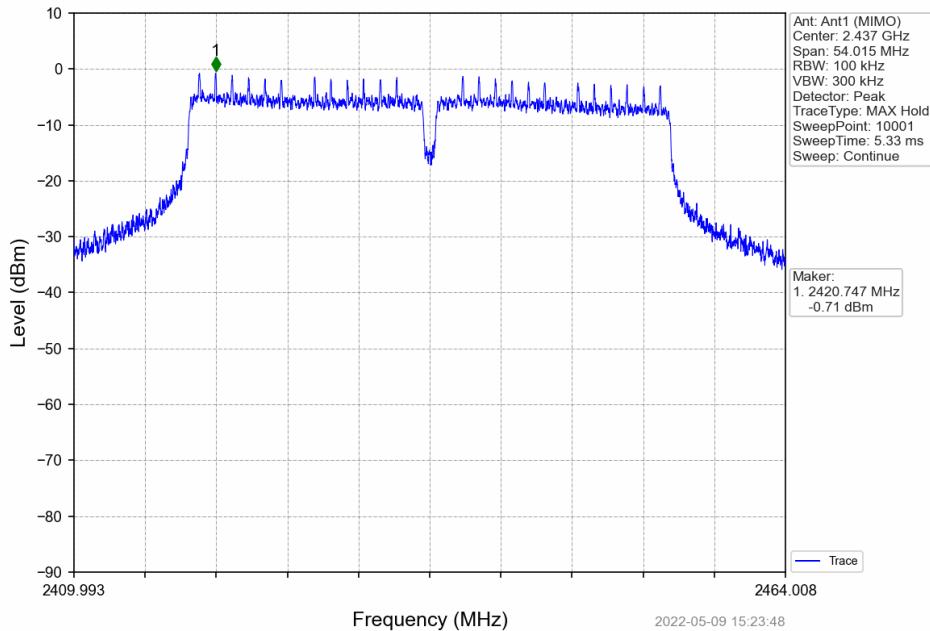
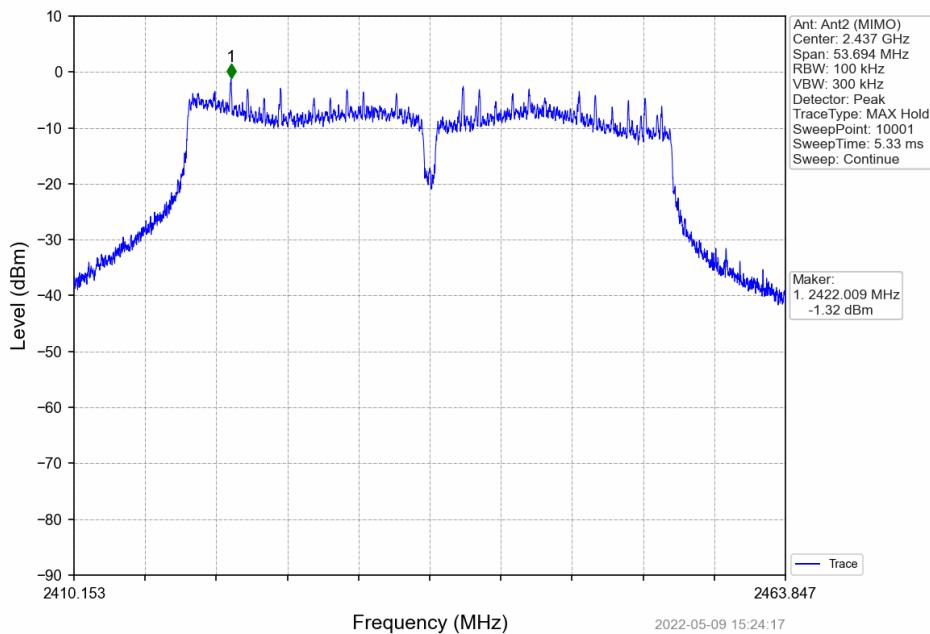
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802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV**802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV**

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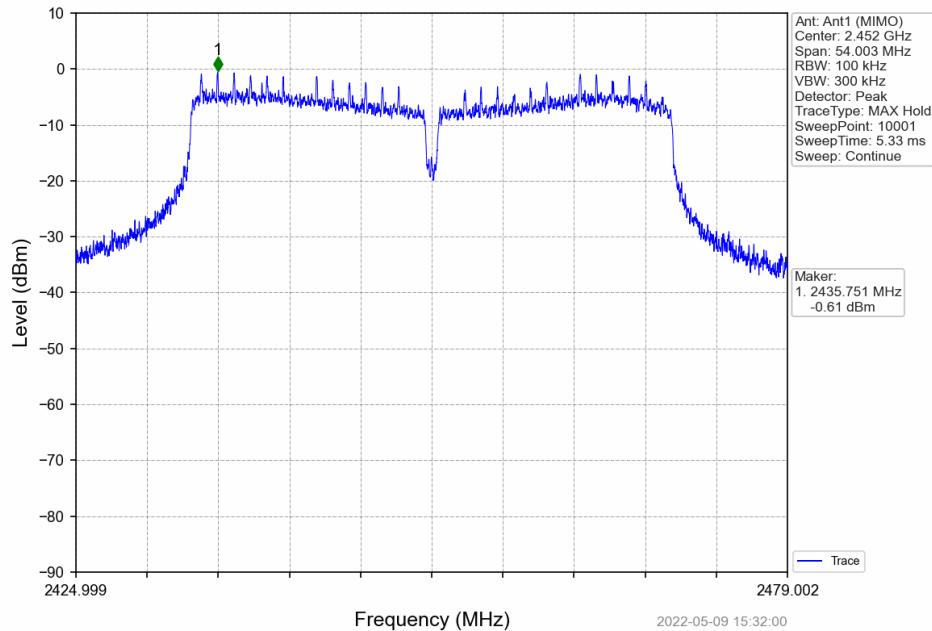
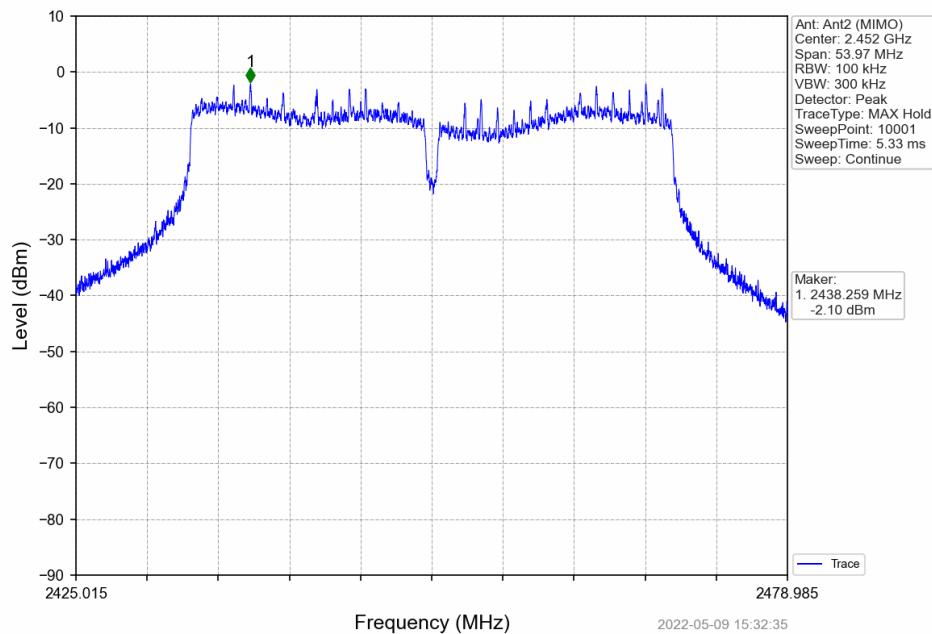
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5.2 CSE**5.2.1 Test Result**

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	4.36	-15.64	Pass
			2	3.43	-16.57	Pass
		2437	1	4.36	-15.64	Pass
			2	3.43	-16.57	Pass
		2462	1	4.36	-15.64	Pass
			2	3.43	-16.57	Pass
	SISO	2412	1	2.28	-17.72	Pass
			2	1.79	-18.21	Pass
		2437	1	2.28	-17.72	Pass
			2	1.79	-18.21	Pass
		2462	1	2.28	-17.72	Pass
			2	1.79	-18.21	Pass
802.11n (HT20)	MIMO	2412	1	2.30	-17.70	Pass
			2	2.28	-17.72	Pass
		2437	1	2.30	-17.70	Pass
			2	2.28	-17.72	Pass
		2462	1	2.30	-17.70	Pass
			2	2.28	-17.72	Pass
	MIMO	2422	1	-0.61	-20.61	Pass
			2	-0.98	-20.98	Pass
		2437	1	-0.61	-20.61	Pass
			2	-0.98	-20.98	Pass
		2452	1	-0.61	-20.61	Pass
			2	-0.98	-20.98	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

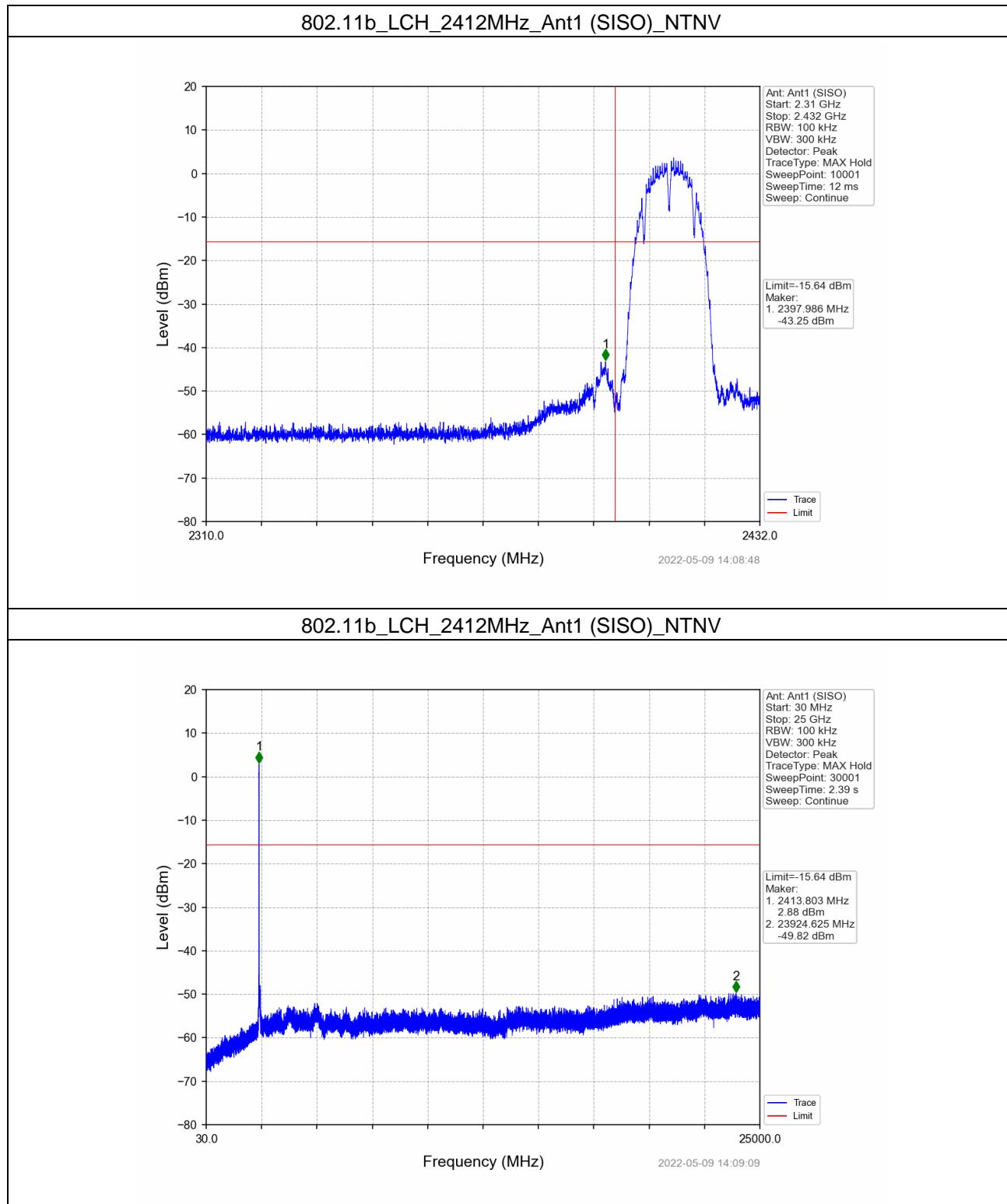
Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

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5.2.2 Test Graph

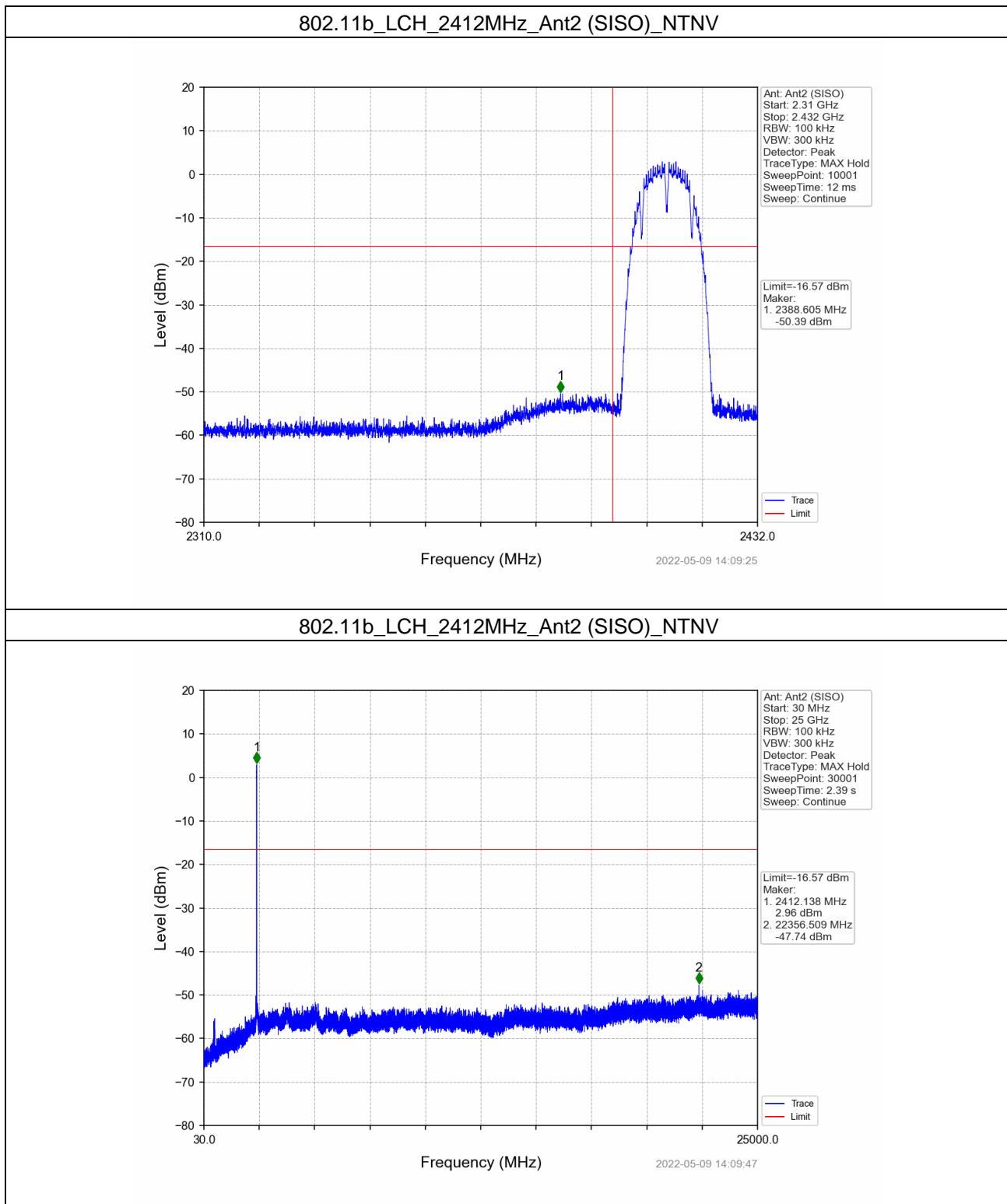


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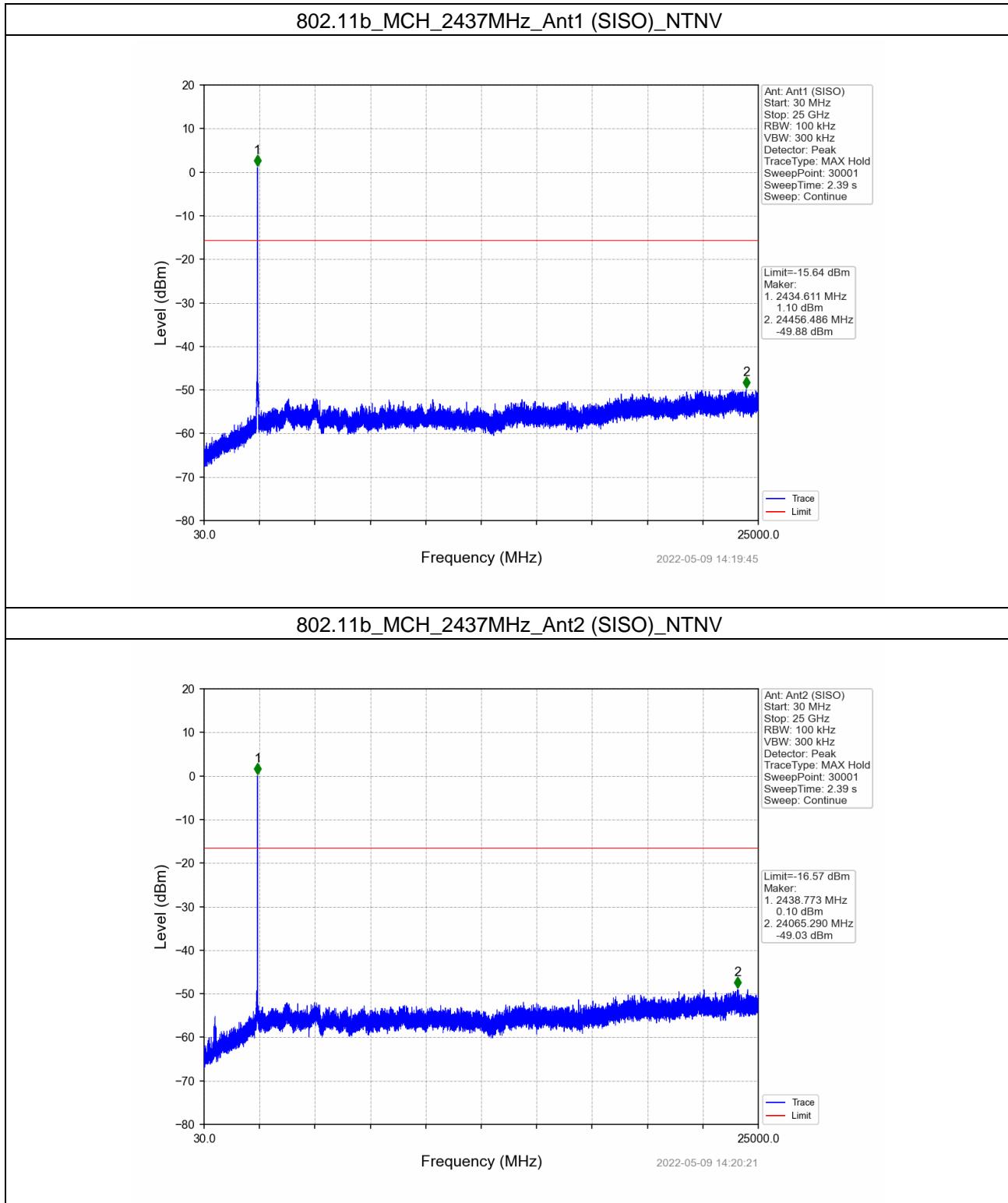
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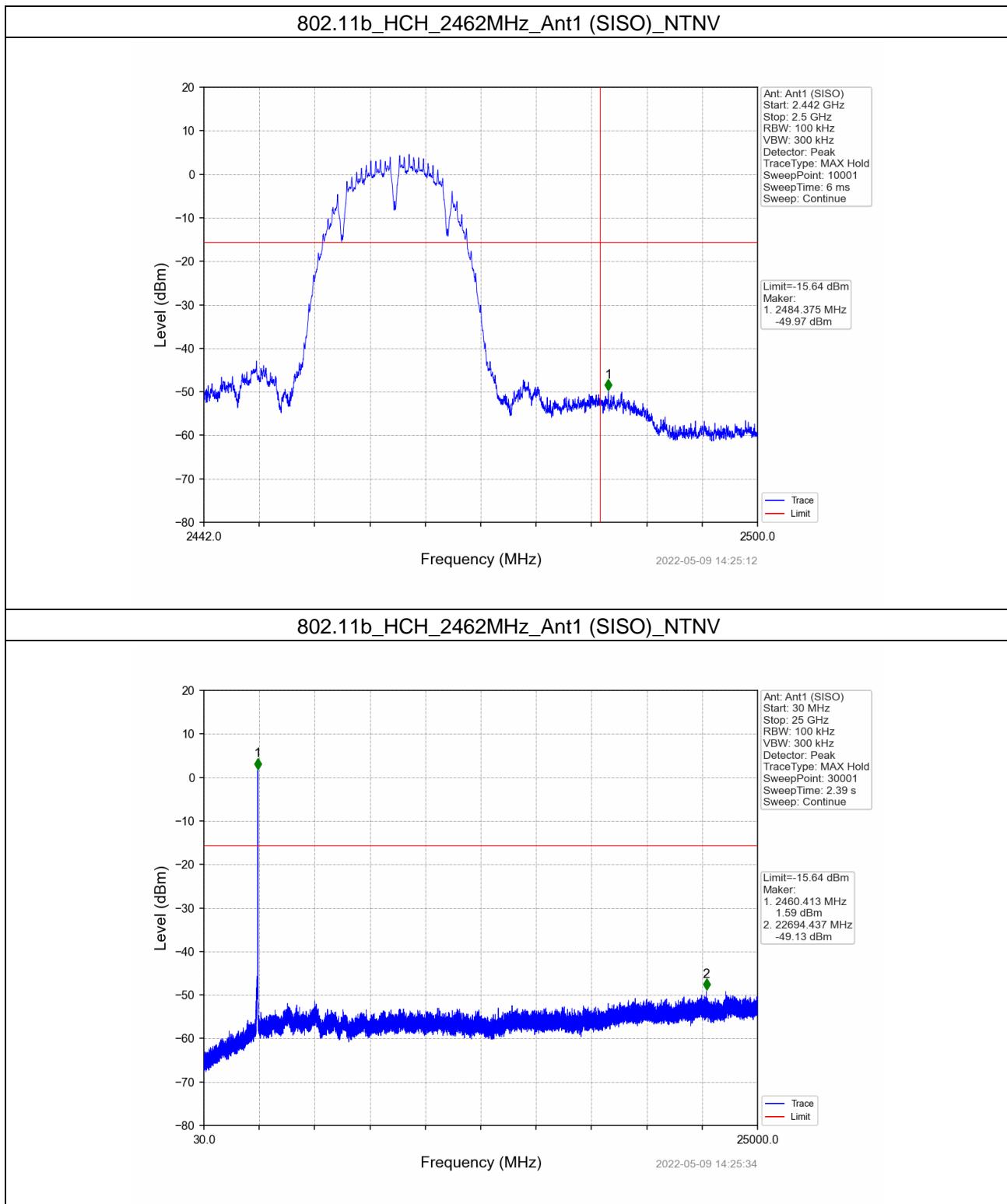
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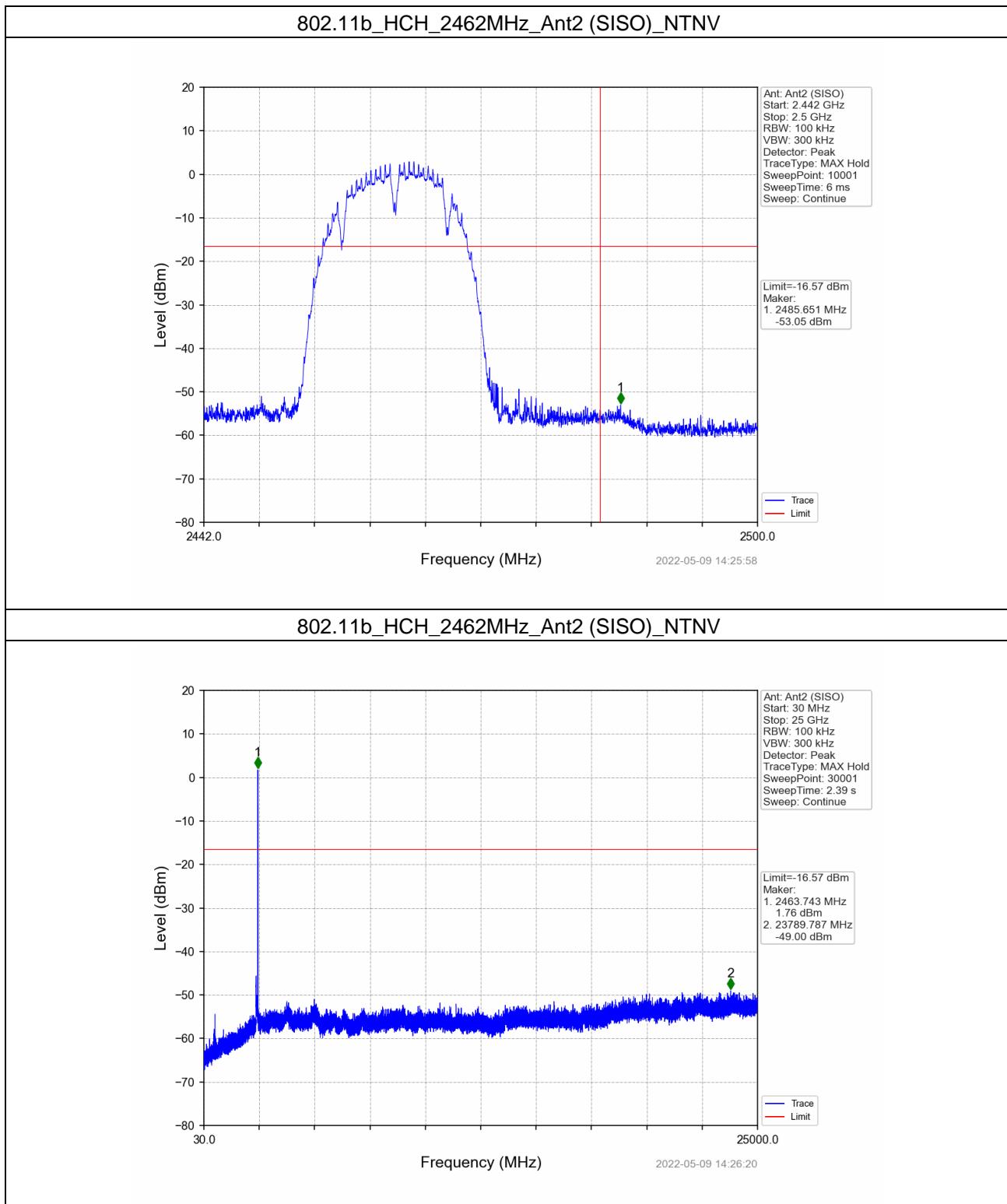
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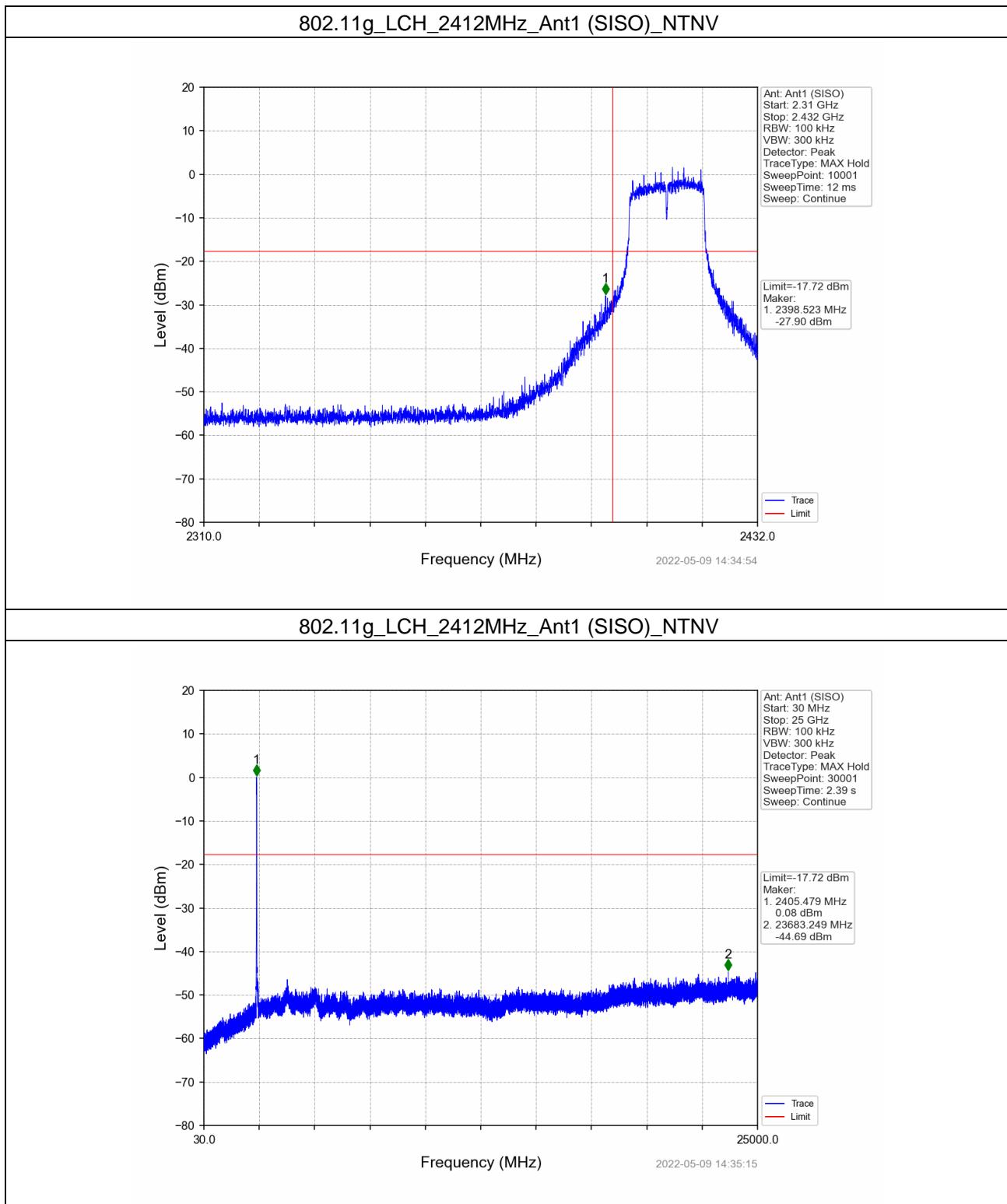
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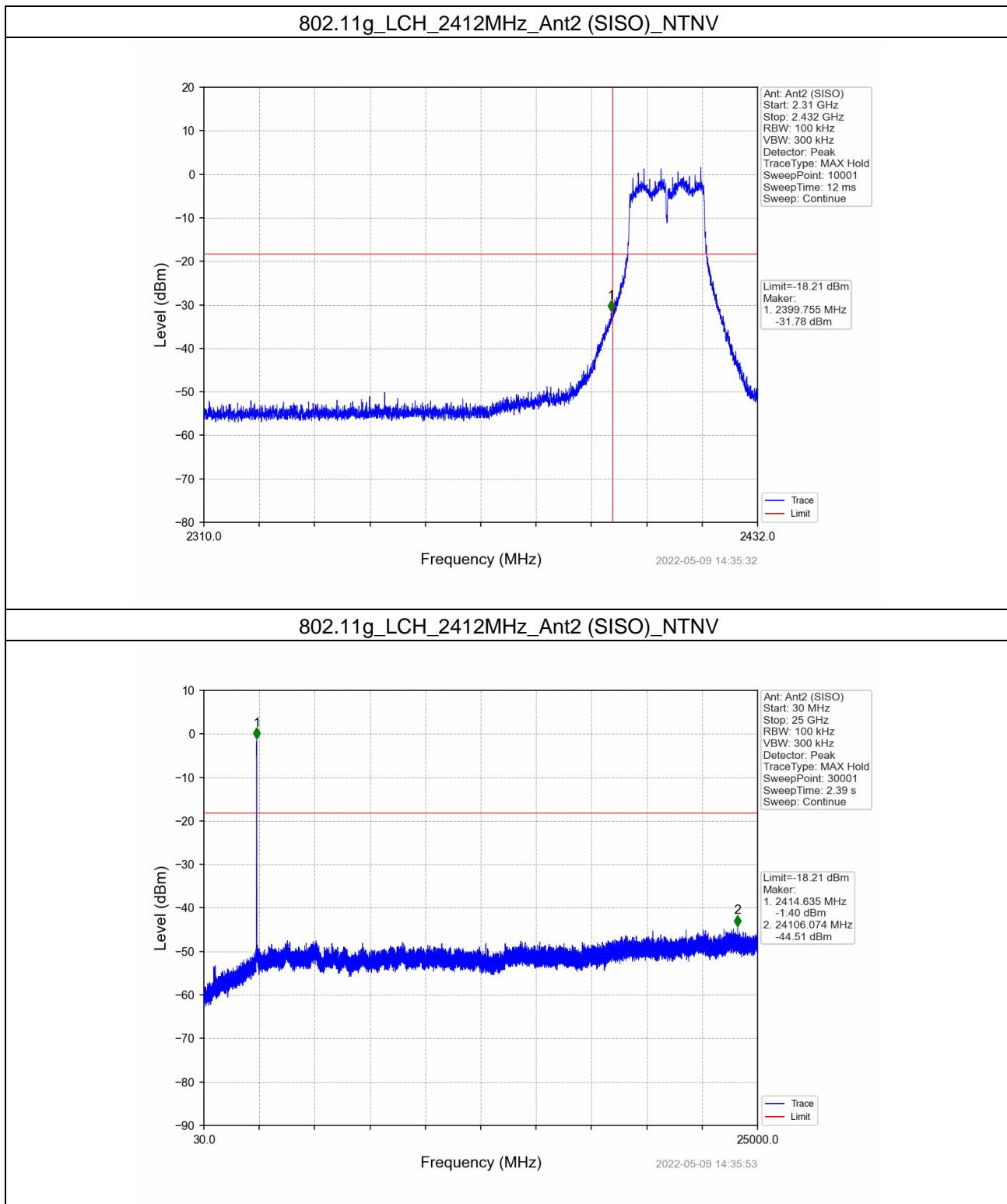
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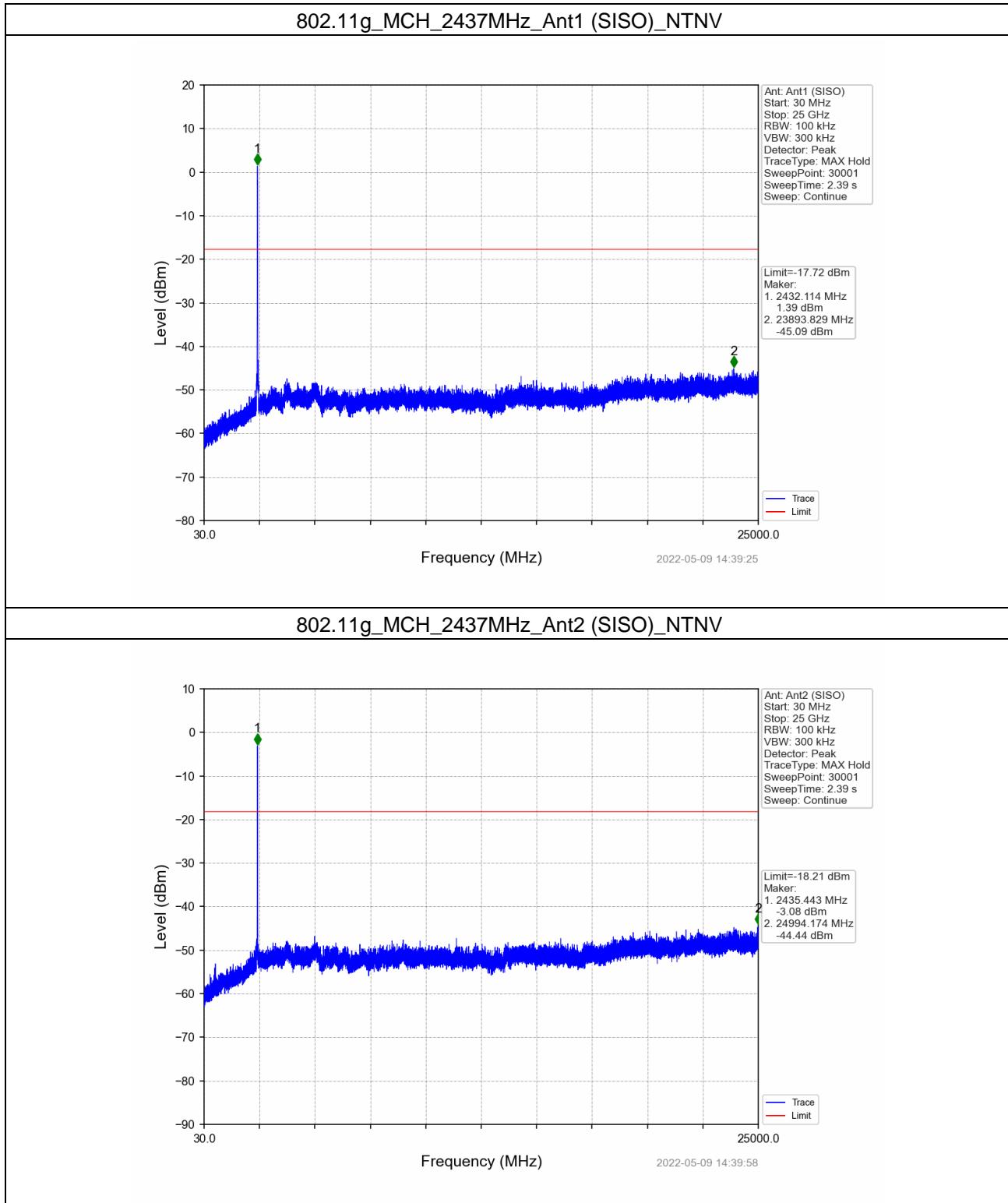
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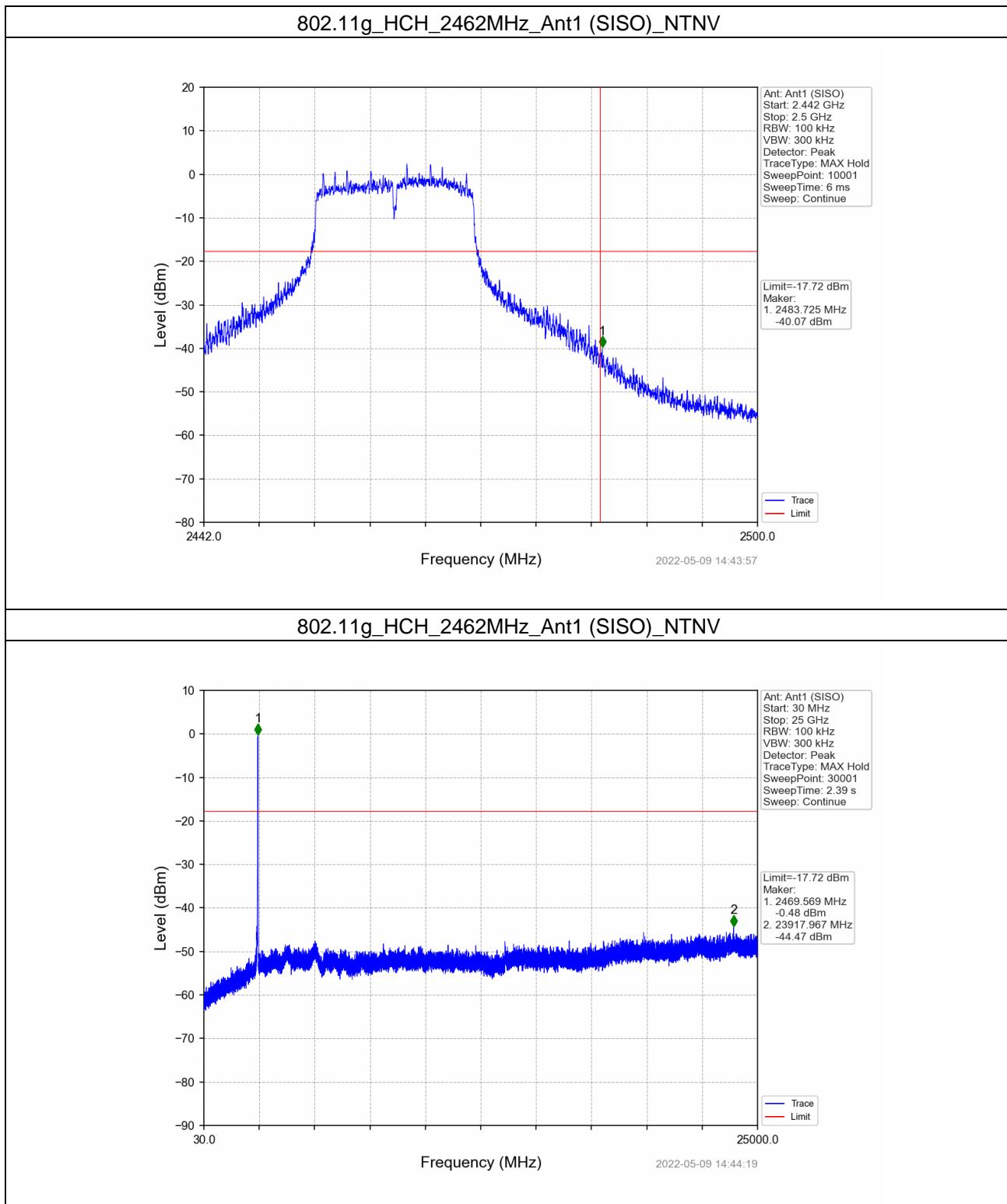
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