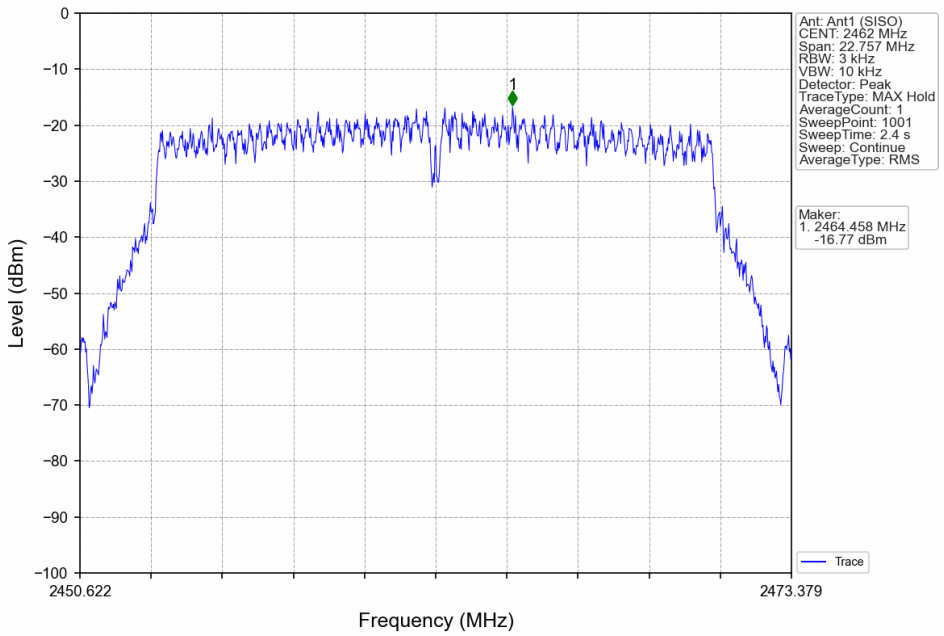
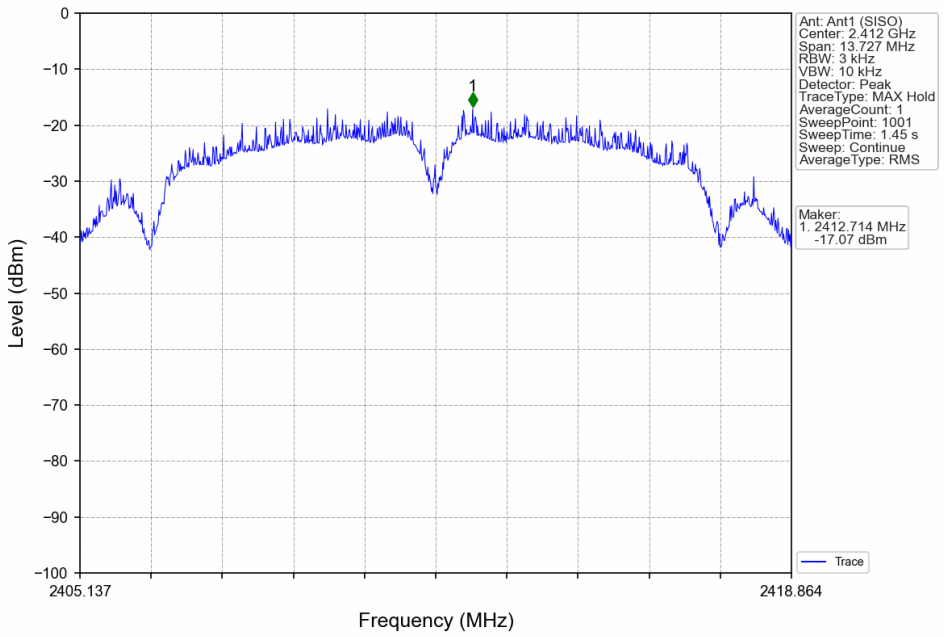
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV

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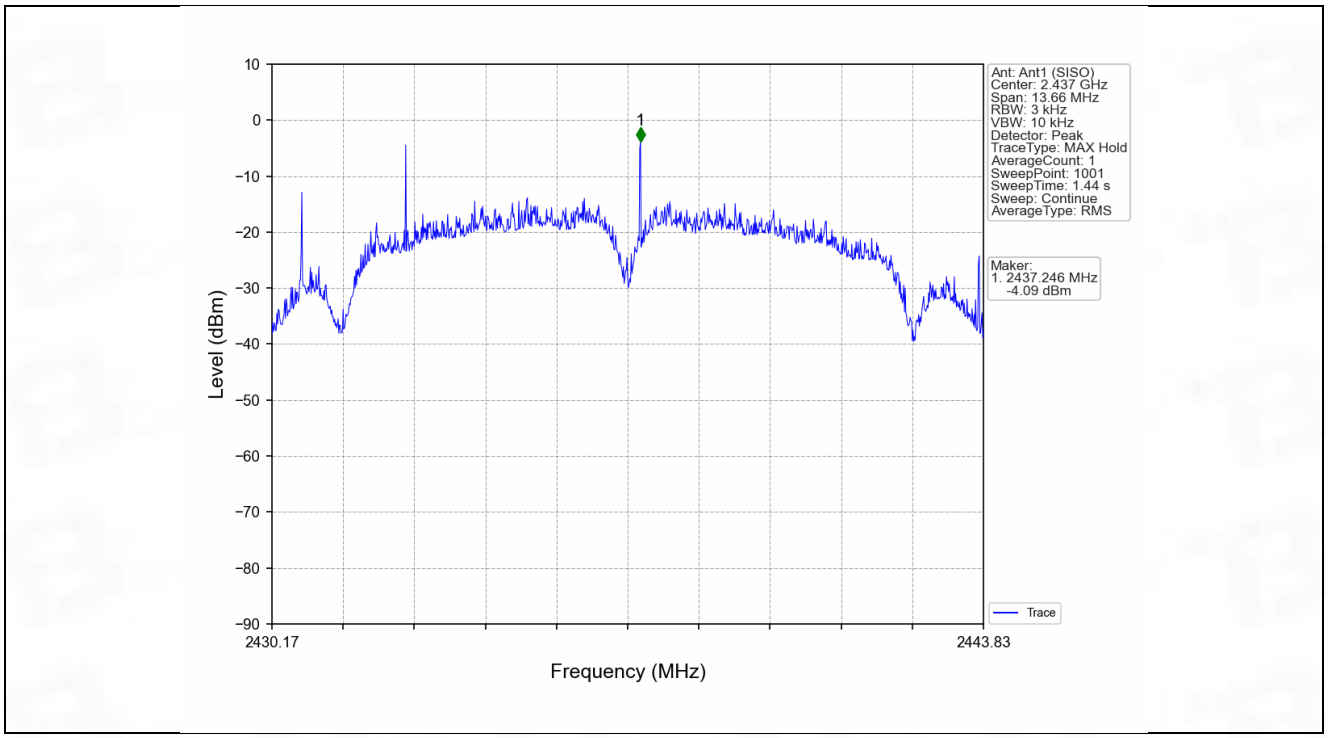
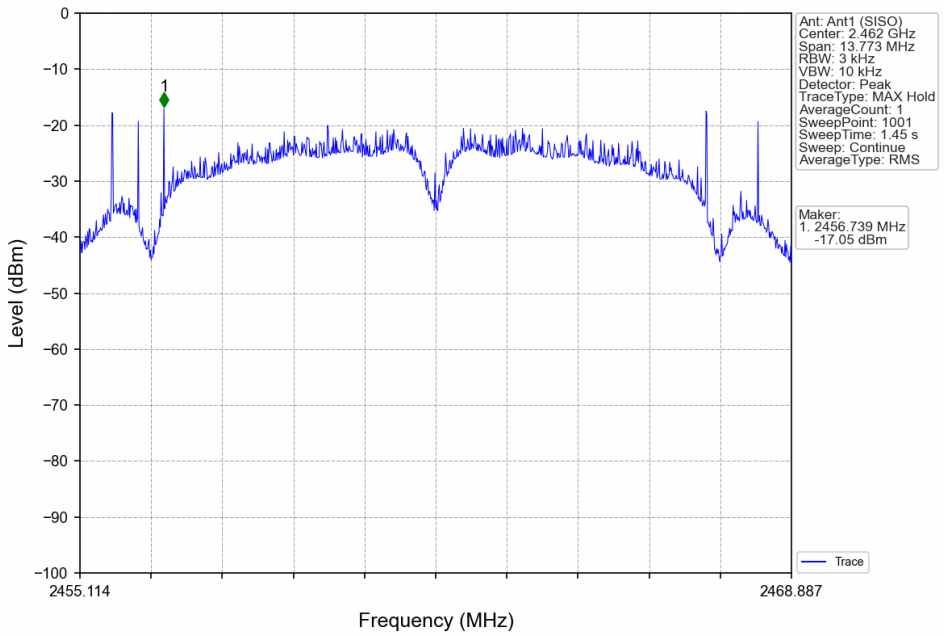
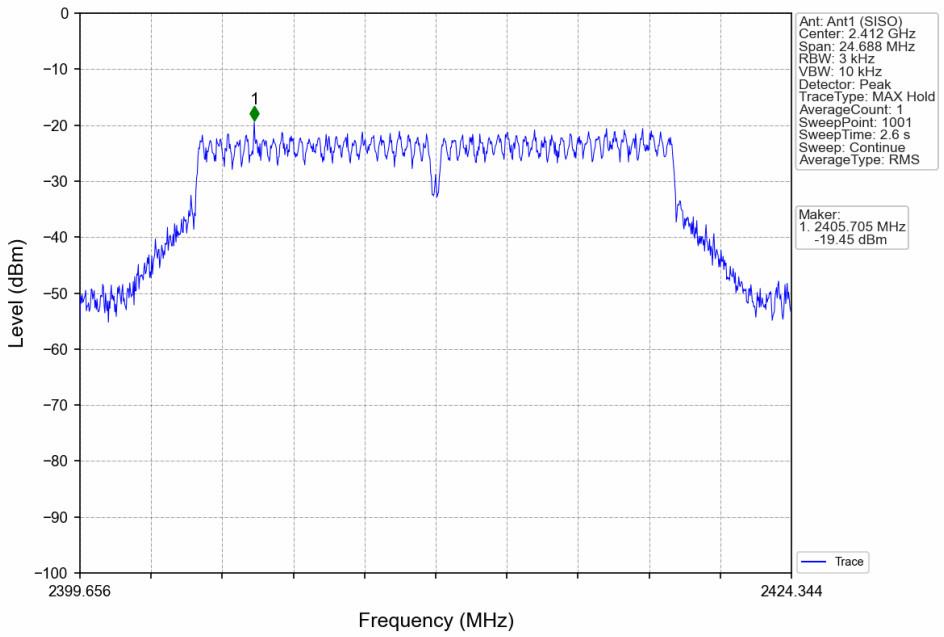

Ant: Ant1 (SISO)
Center: 2.437 GHz
Span: 13.66 MHz
RBW: 3 kHz
VBW: 10 kHz
Detector: Peak
TraceType: MAX Hold
AverageCount: 1
SweepPoint: 1001
SweepTime: 1.44 s
Sweep: Continue
AverageType: RMS
Maker:
1. 2437.246 MHz
-4.09 dBm
Trace
Level (dBm)
Frequency (MHz)
2430.17
2443.83
10
0
−10
−20
−30
−40
−50
−60
−70
−80
−90
1

802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



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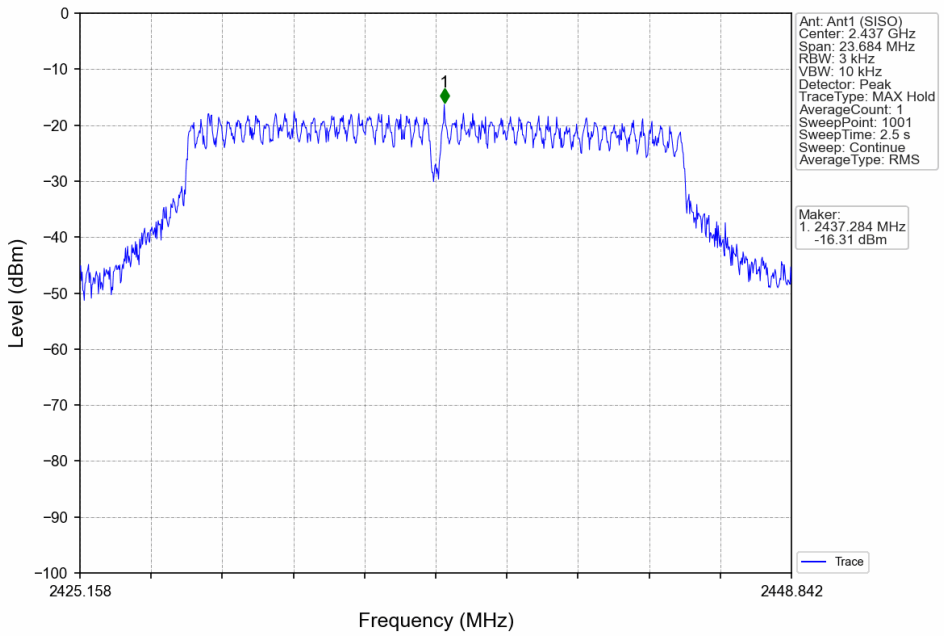
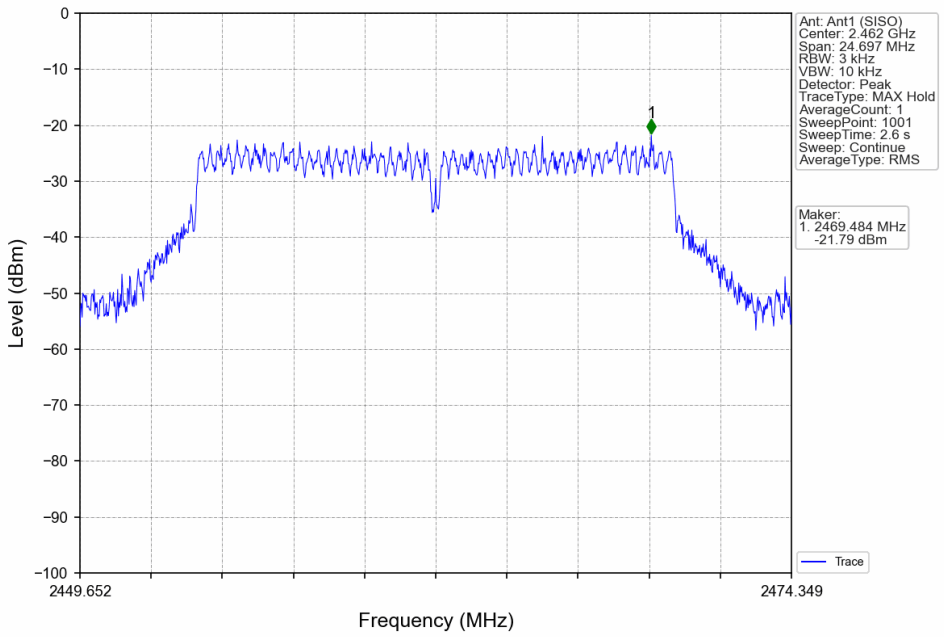
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



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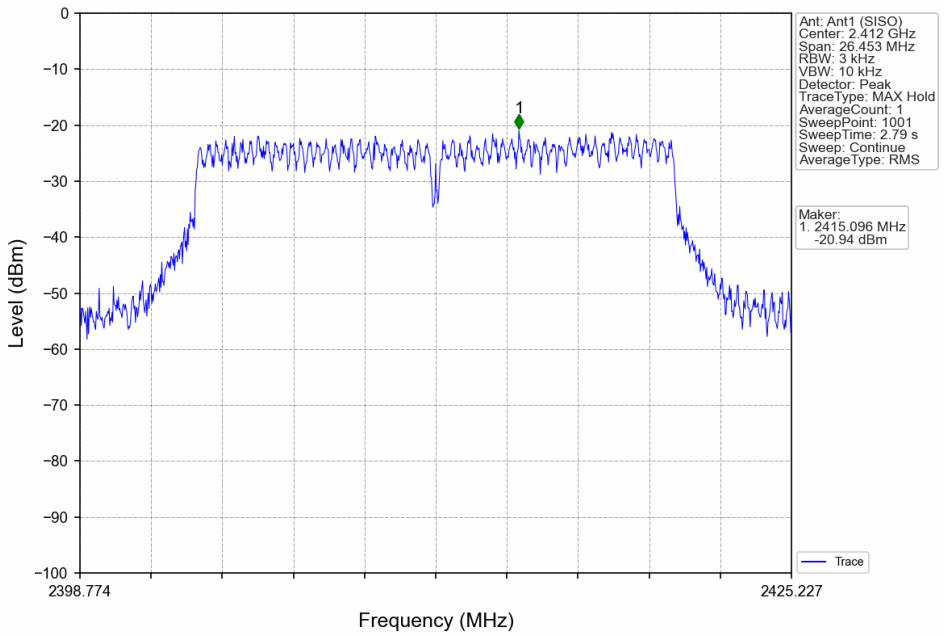
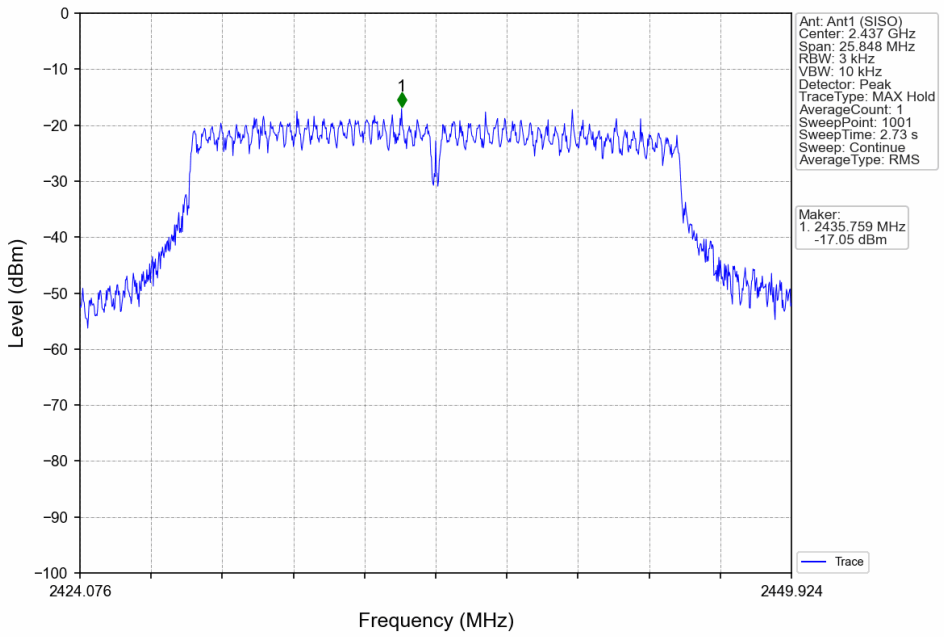
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



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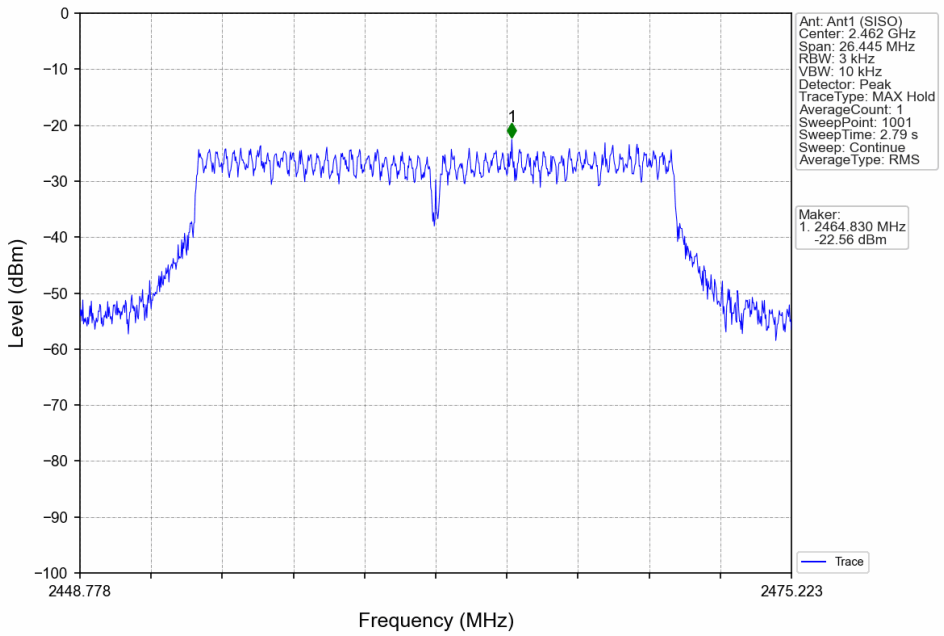
802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



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	5.64
		2437	1	5.97
		2462	1	6.03
802.11g	SISO	2412	1	-1.51
		2437	1	-1.46
		2462	1	-1.45
802.11b	SISO	2412	2	-1.04
		2437	2	1.89
		2462	2	-4.07
802.11g	SISO	2412	2	-3.90
		2437	2	-0.31
		2462	2	-5.89
802.11n (HT20)	SISO	2412	1&2	-1.21
		2437	1&2	-1.44
		2462	1&2	-1.33
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.				

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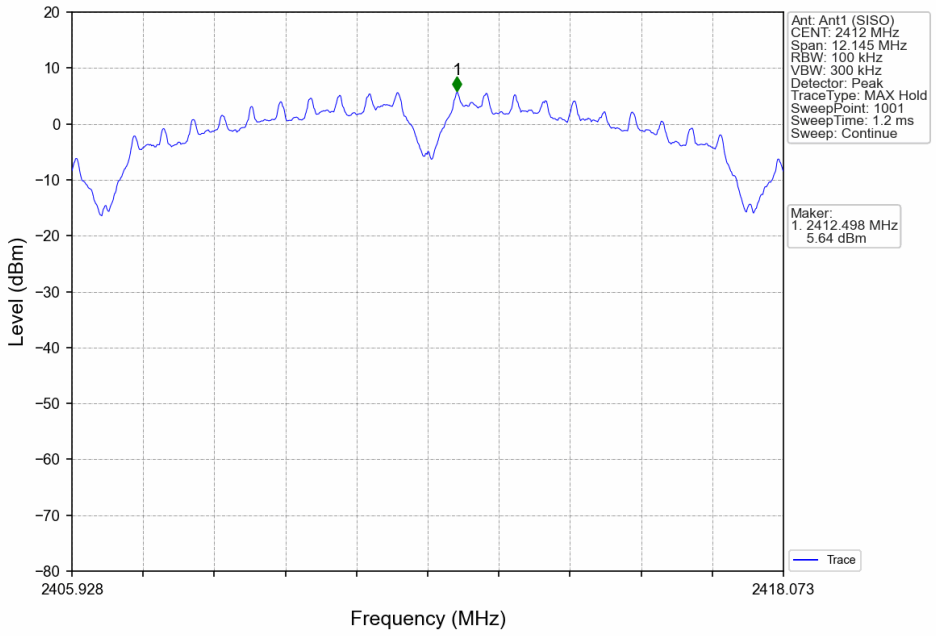
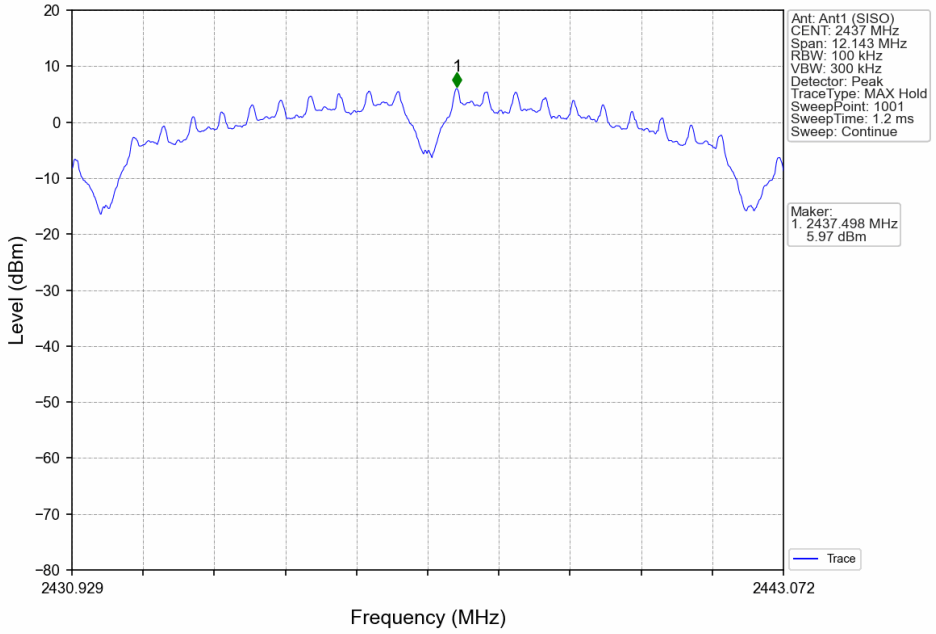
5.1.2 Test Graph

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



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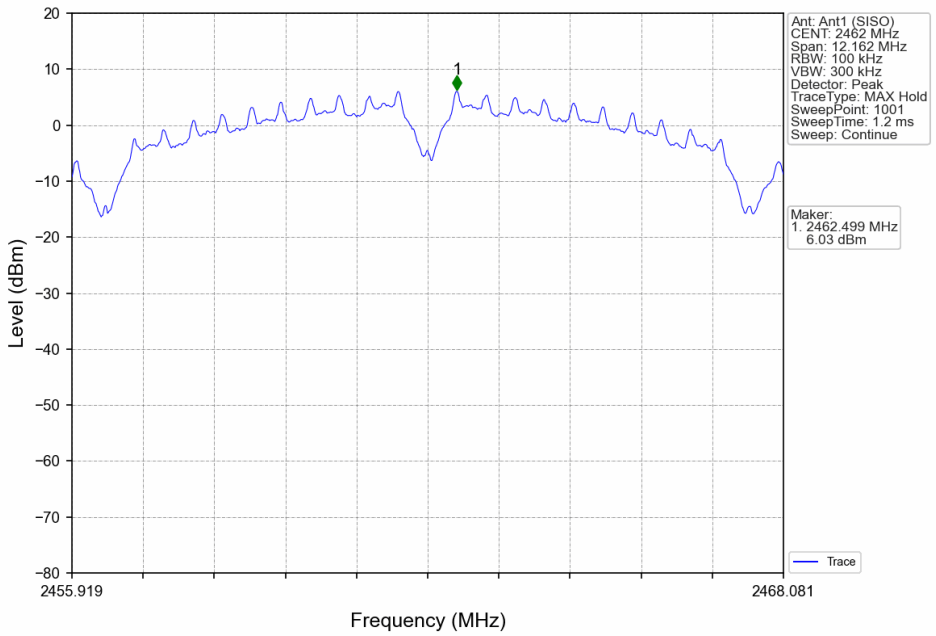
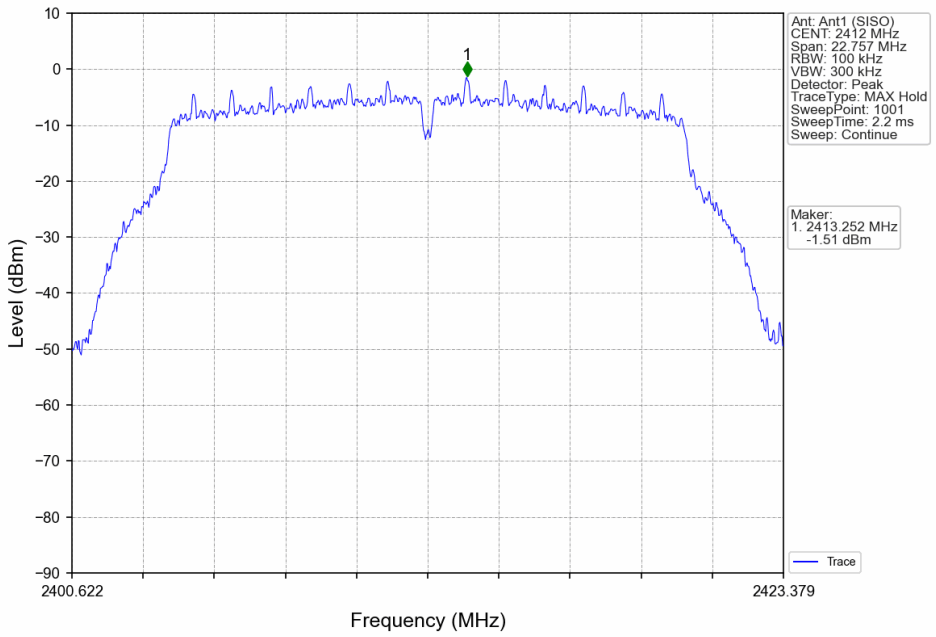
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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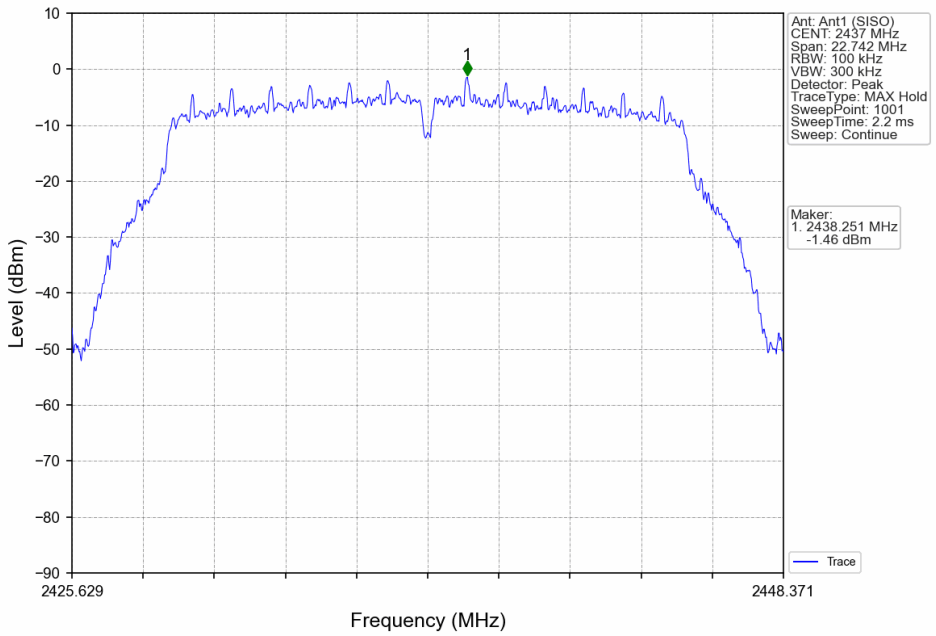
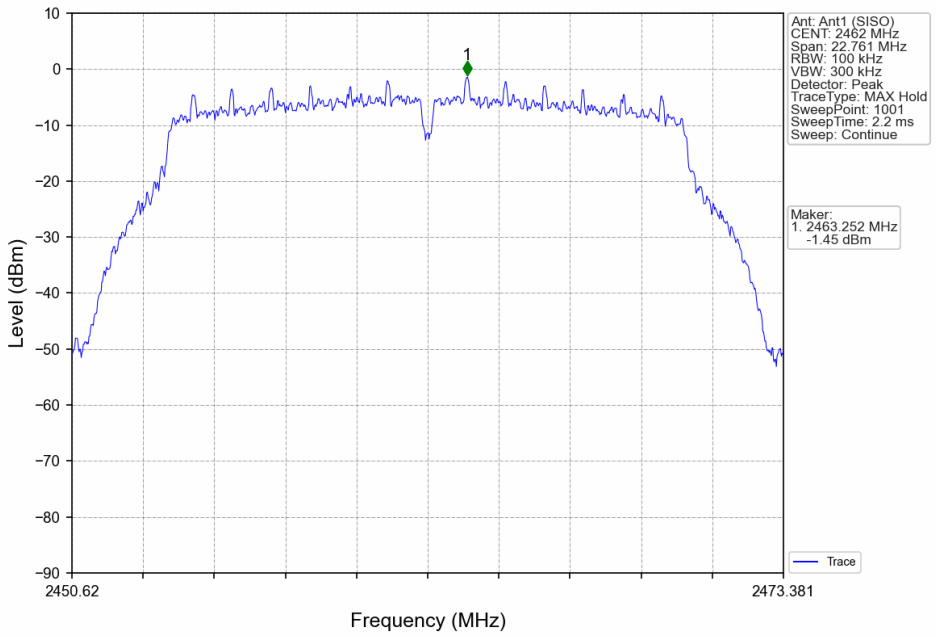
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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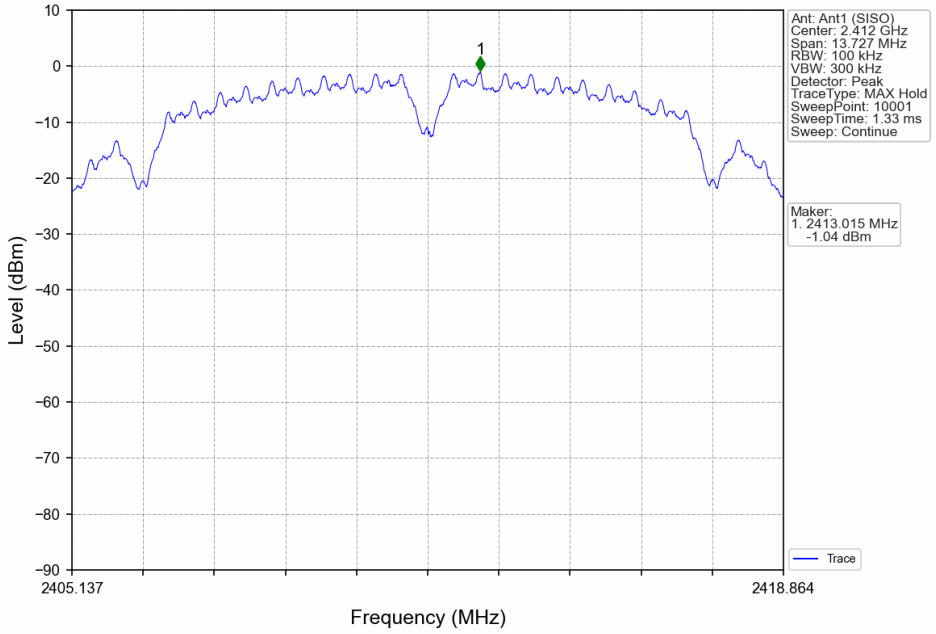
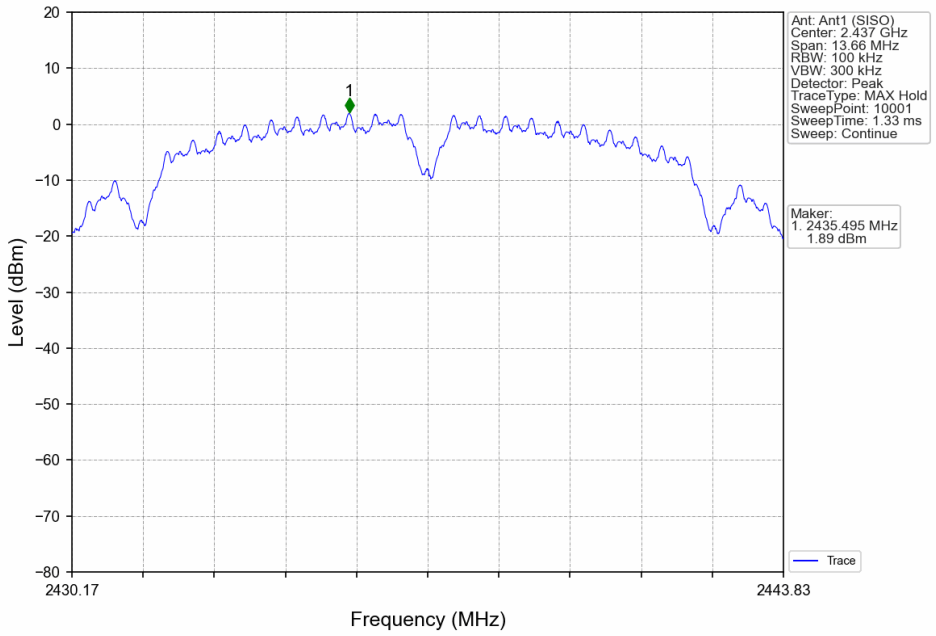
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



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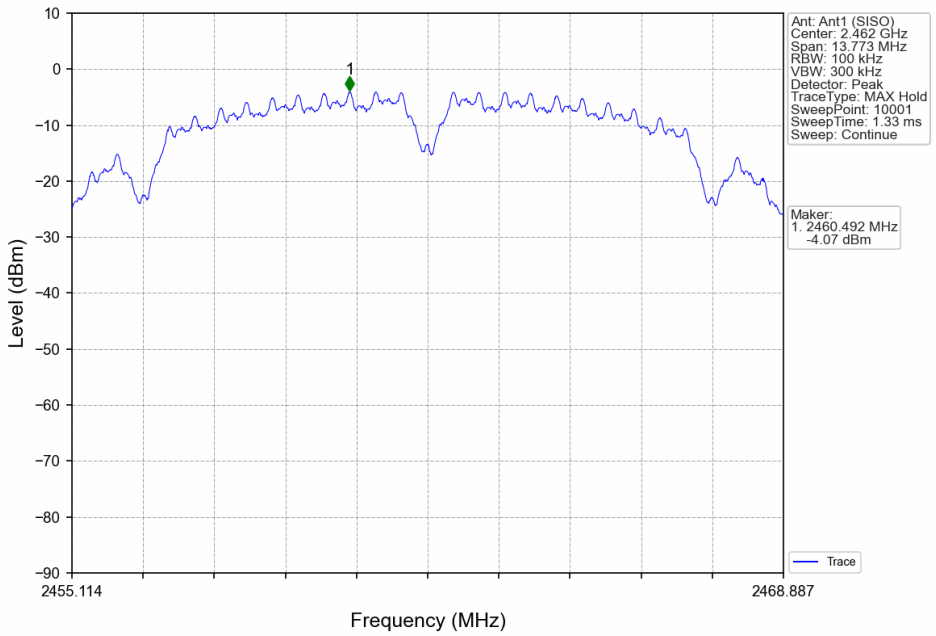
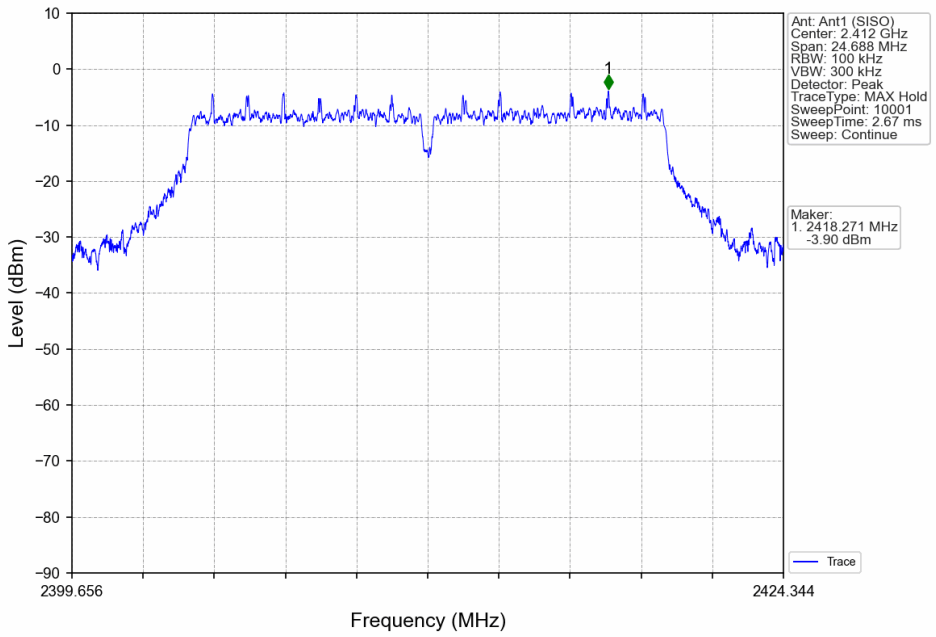
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



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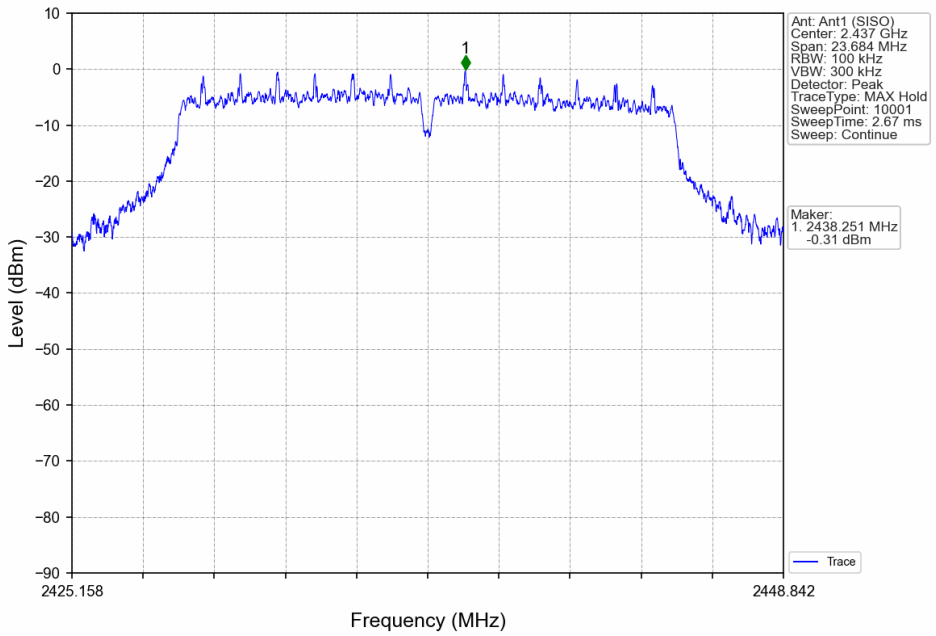
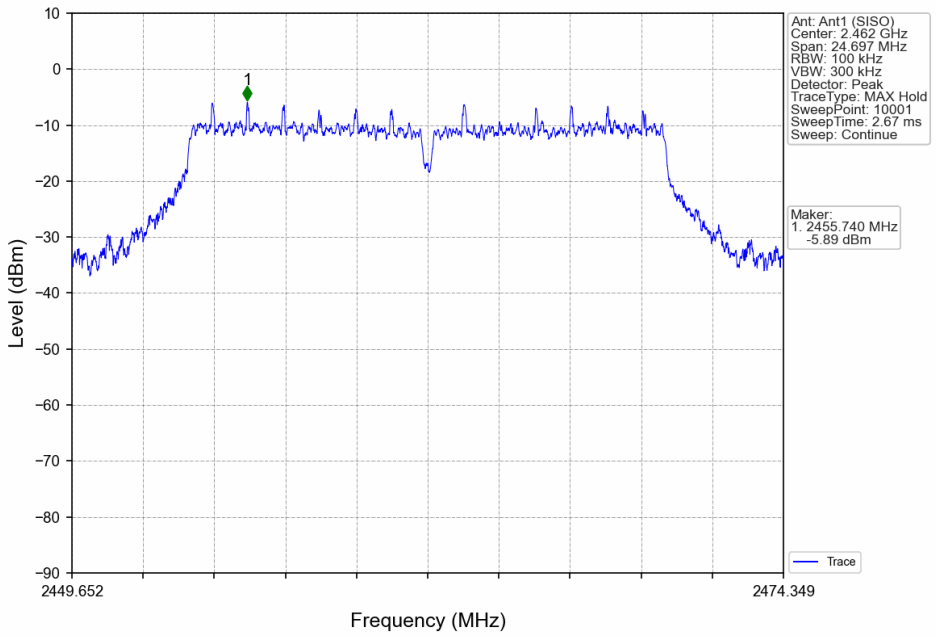
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



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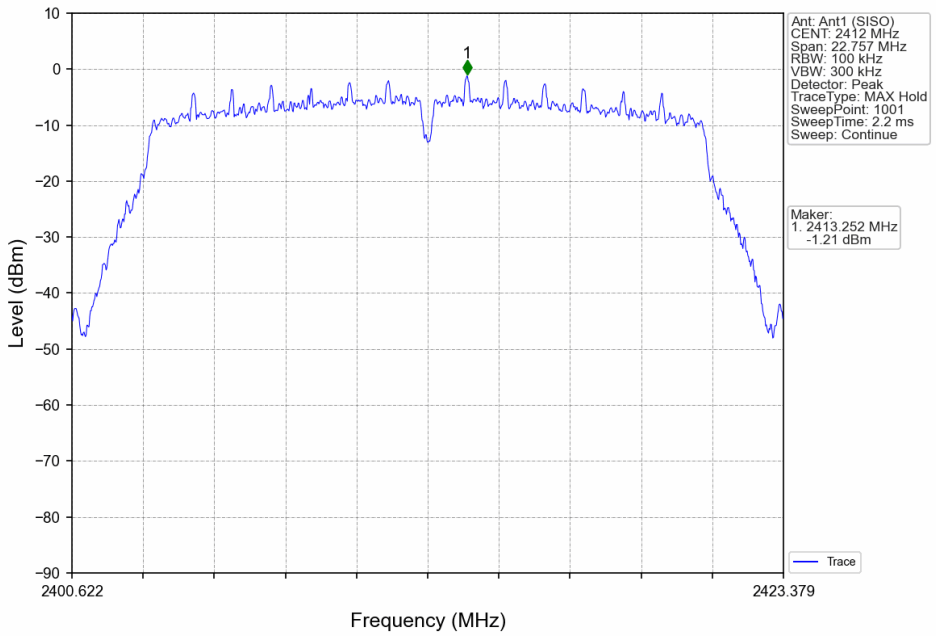
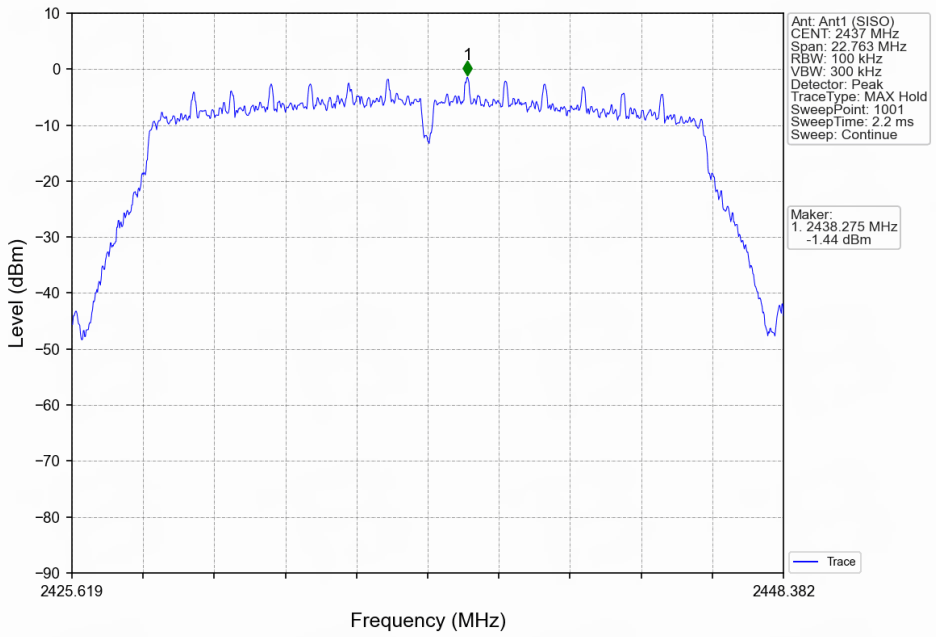
802.11n(HT20)_LCH_2412MHz_Ant1&2 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1&2 (SISO)_NTNV



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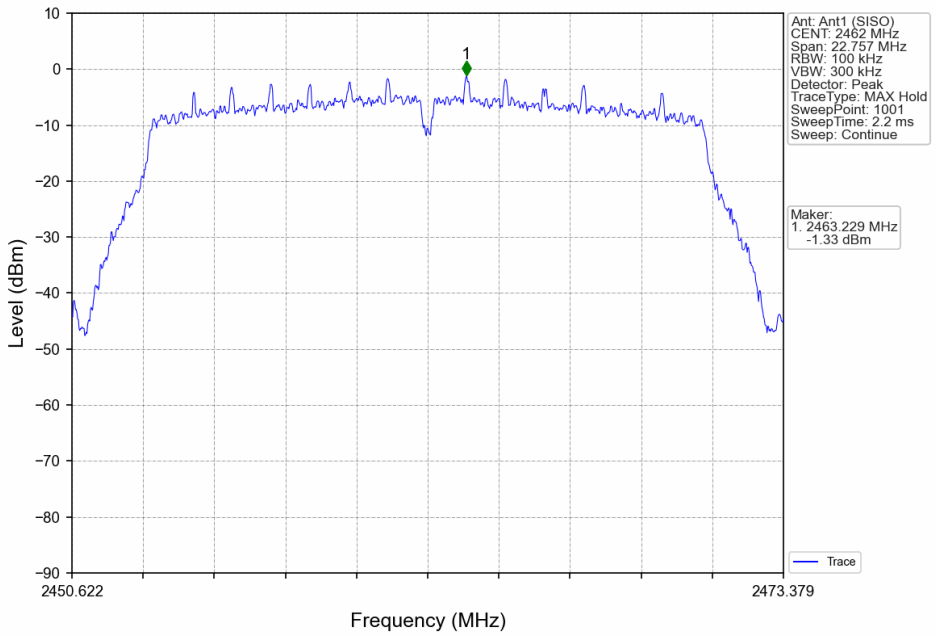
802.11n(HT20)_HCH_2462MHz_Ant1&2 (SISO)_NTNV



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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	7.23	-22.77	Pass
		2437	1	7.23	-22.77	Pass
		2462	1	7.23	-22.77	Pass
802.11g	SISO	2412	1	5.87	-24.13	Pass
		2437	1	5.87	-24.13	Pass
		2462	1	5.87	-24.13	Pass
802.11b	SISO	2412	1	1.89	-18.11	Pass
		2437	1	1.89	-18.11	Pass
		2462	1	1.89	-18.11	Pass
802.11g	SISO	2412	1	-0.31	-20.31	Pass
		2437	1	-0.31	-20.31	Pass
		2462	1	-0.31	-20.31	Pass
802.11n (HT20)	MIMO	2412	1	5.85	-24.15	Pass
		2437	1	5.85	-14.15	Pass
		2462	1	5.85	-24.15	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.						

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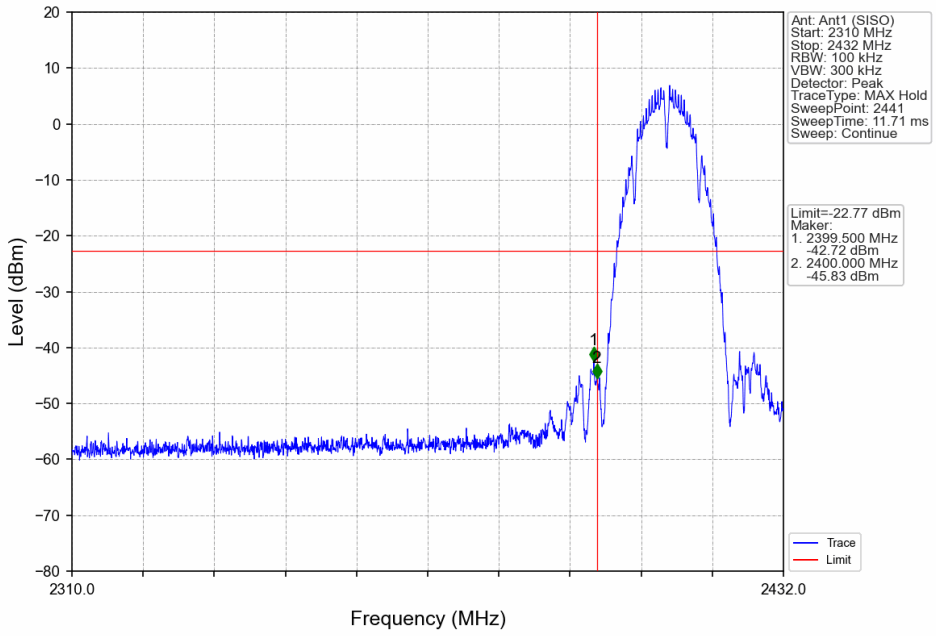
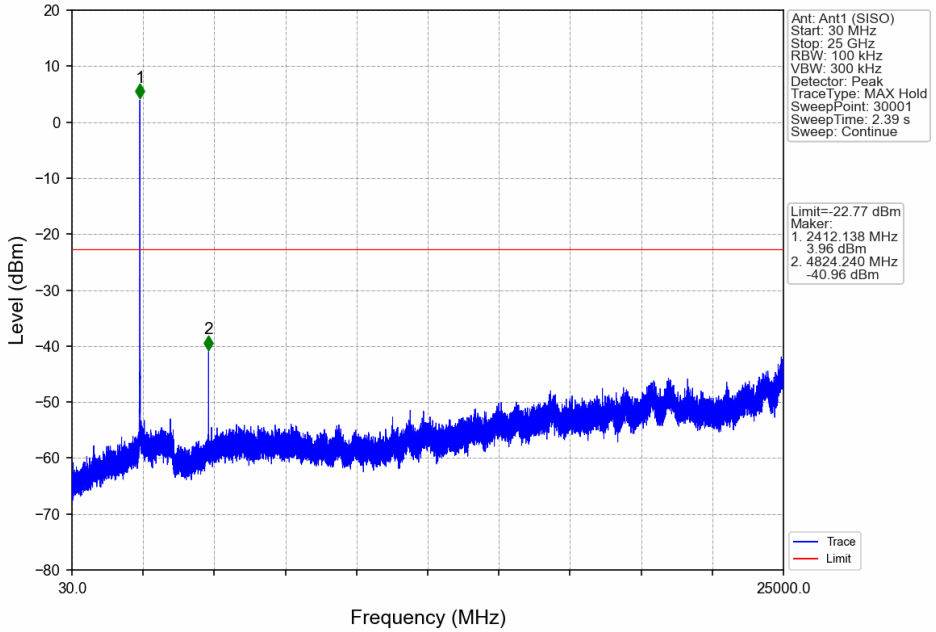
5.2.2 Test Graph

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



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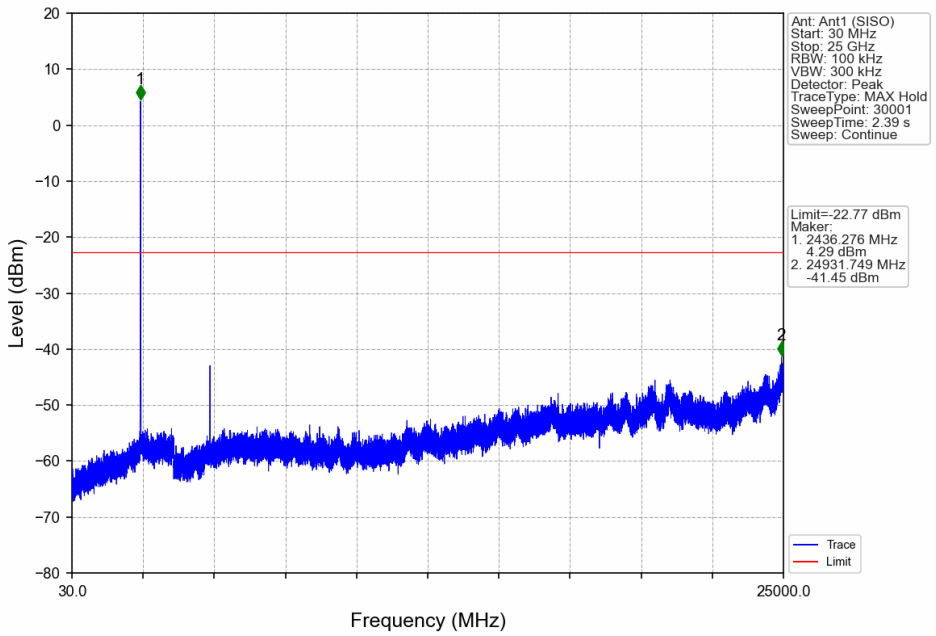
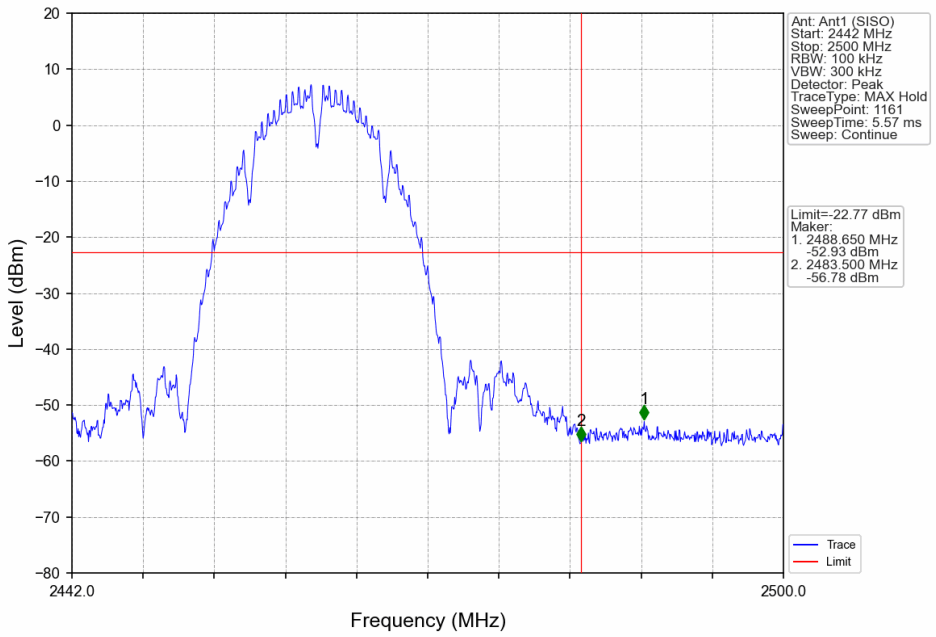
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



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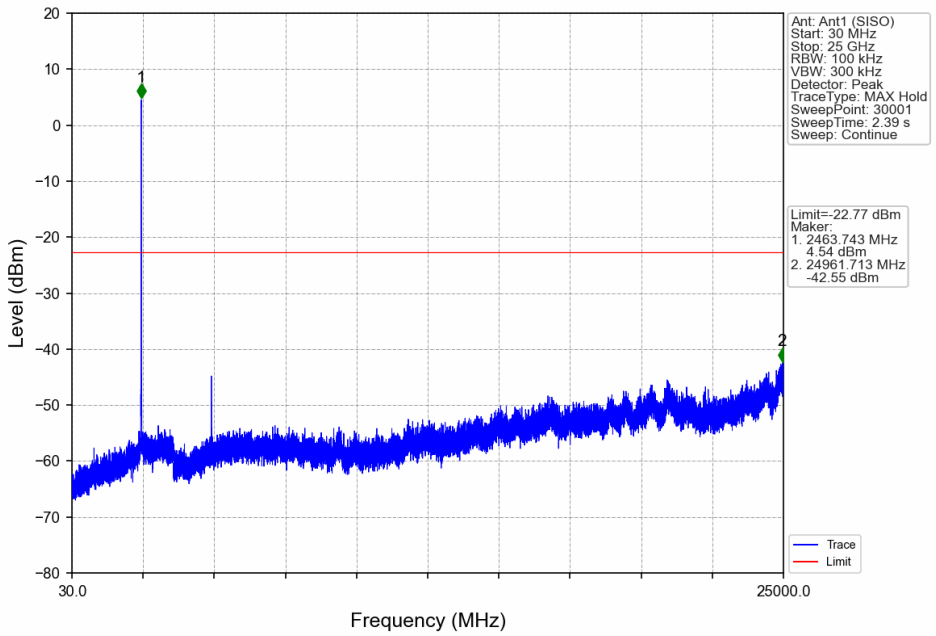
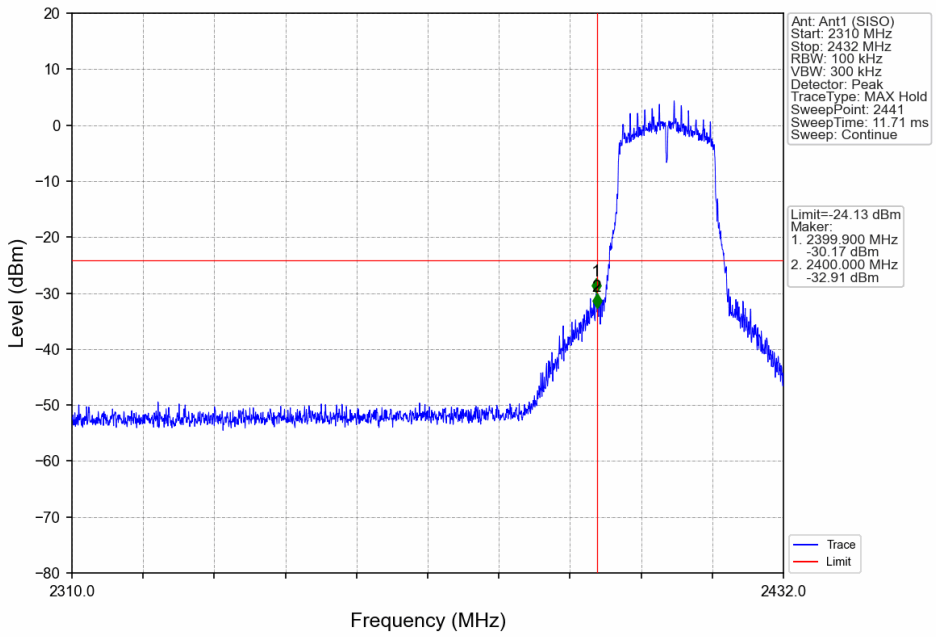
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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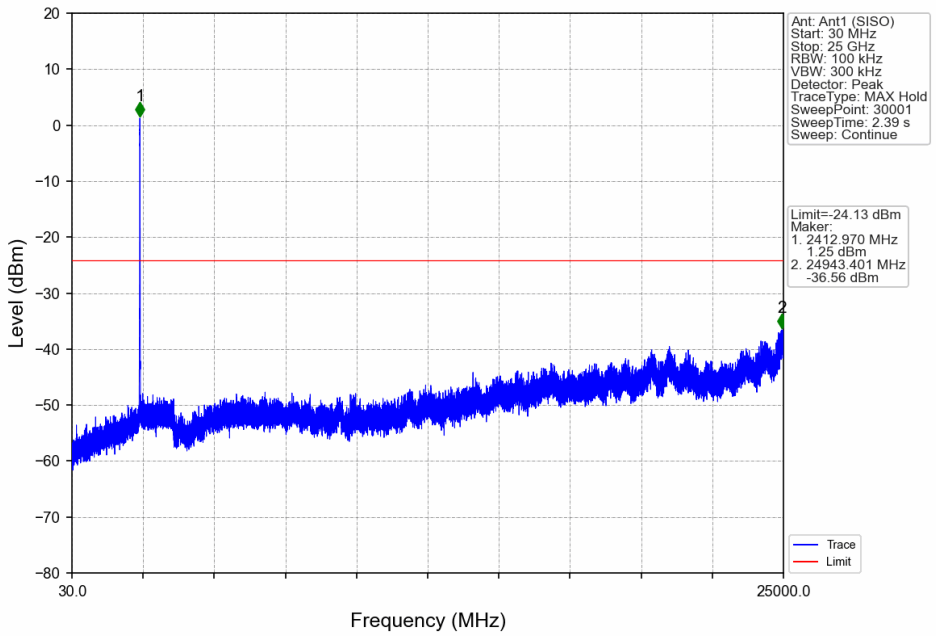
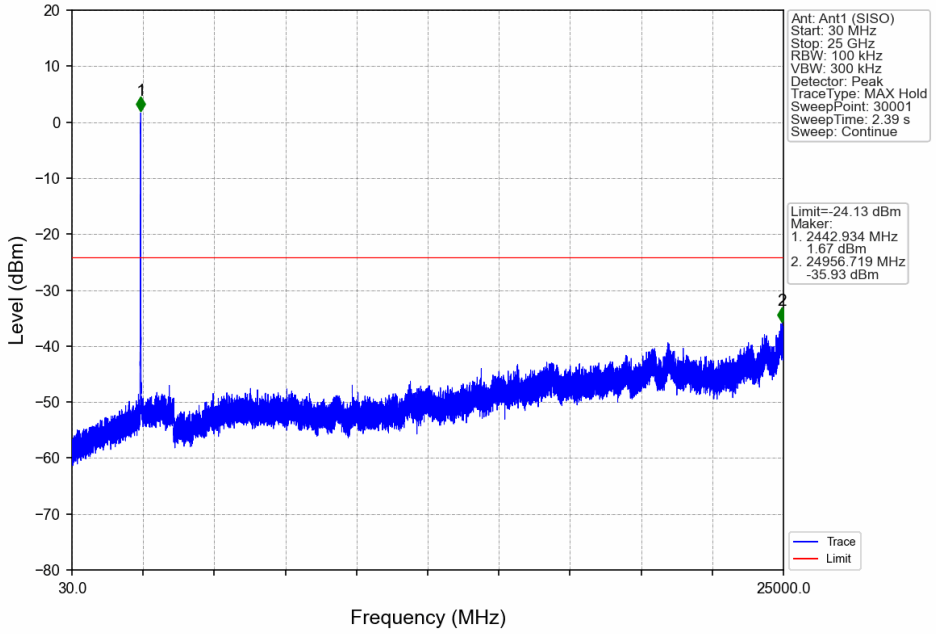
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



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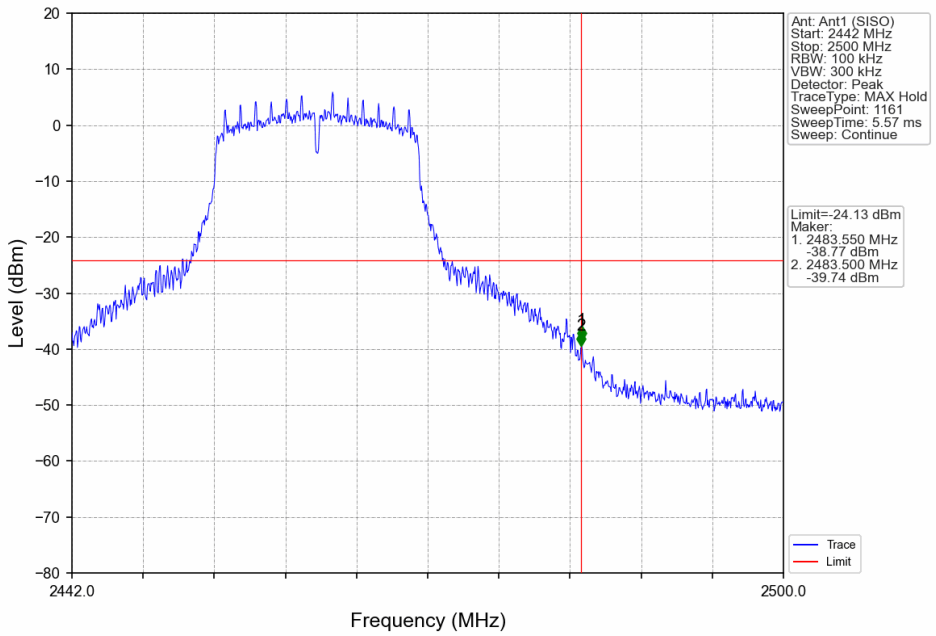
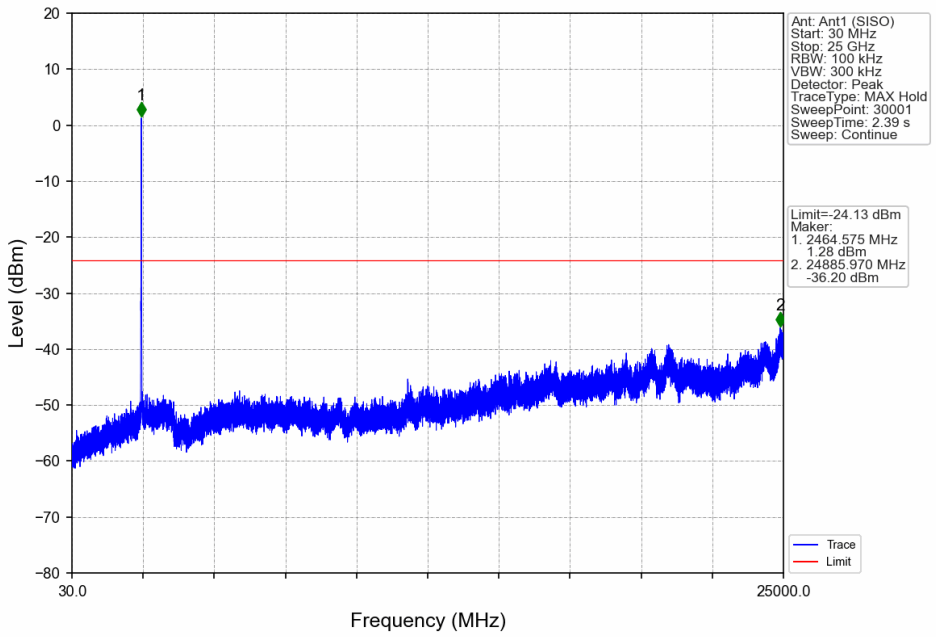
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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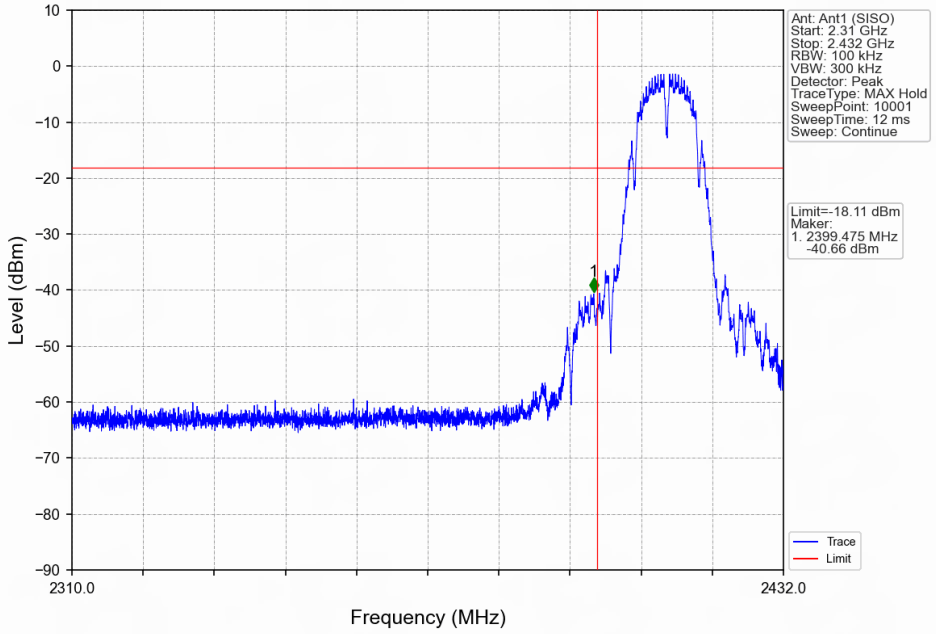
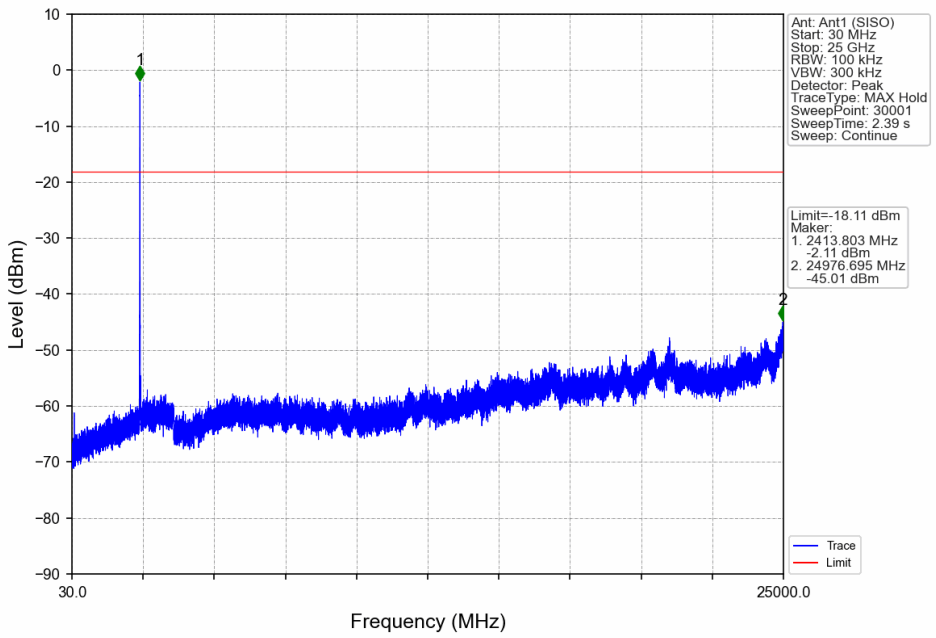
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



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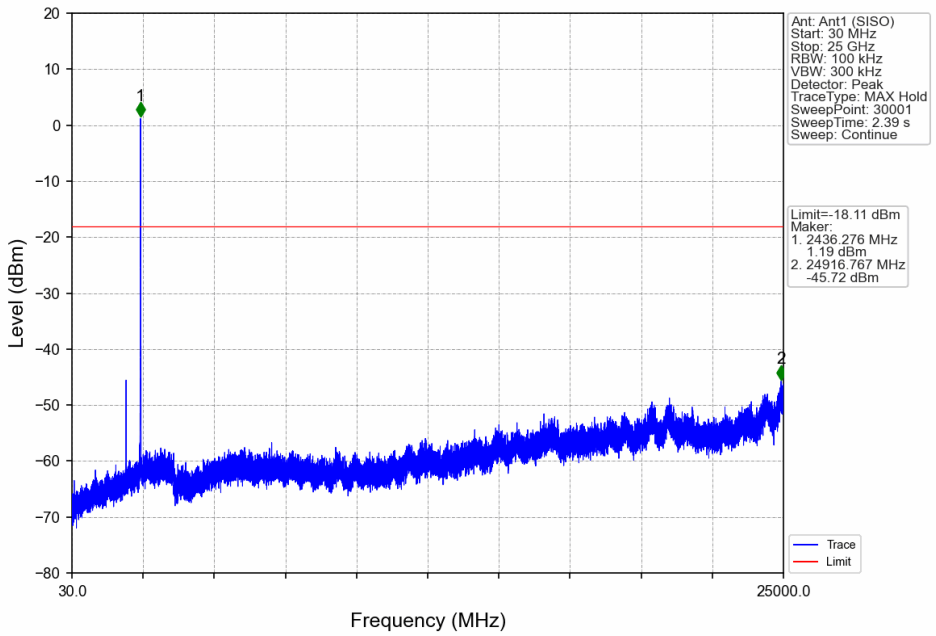
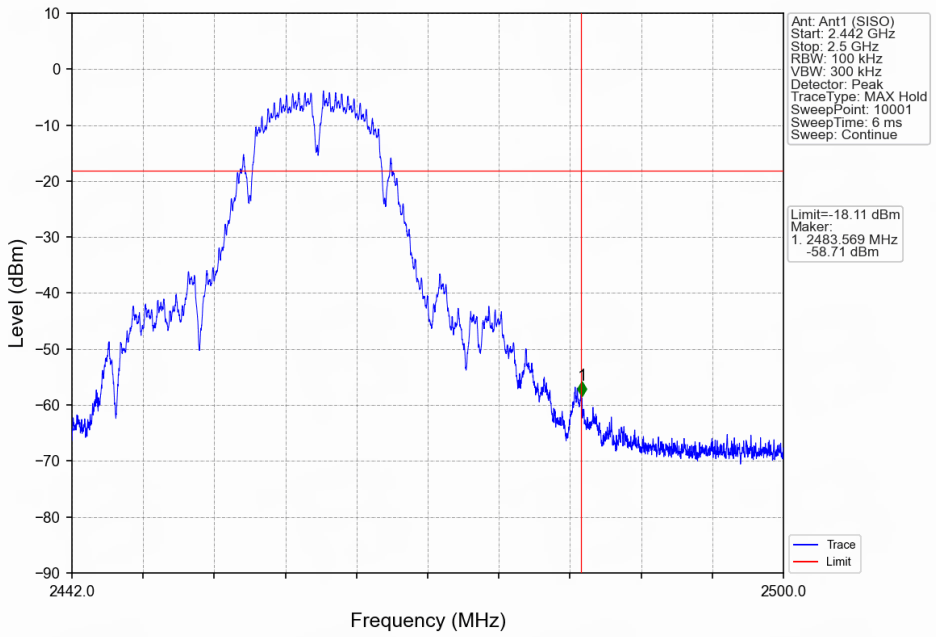
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



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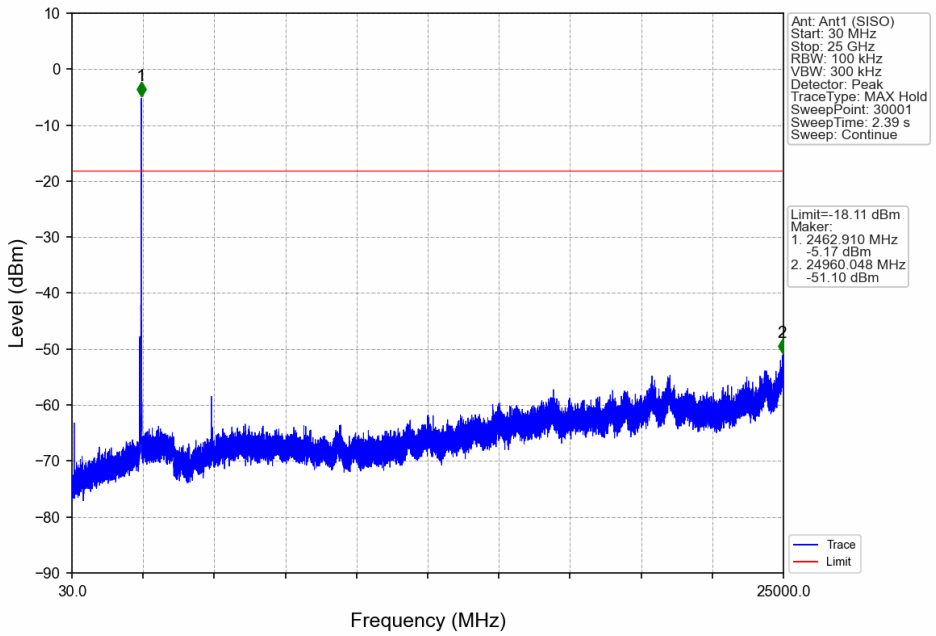
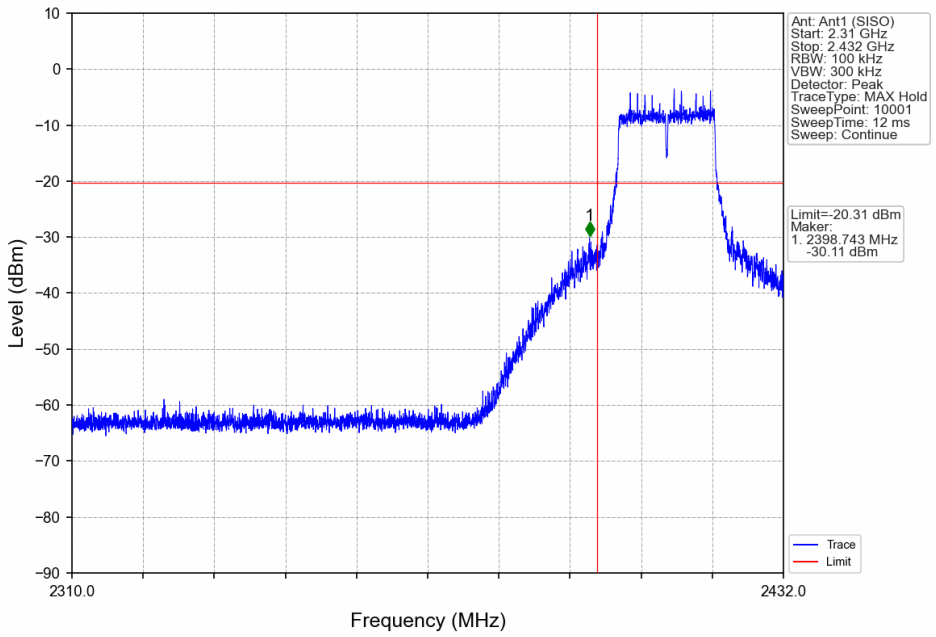
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



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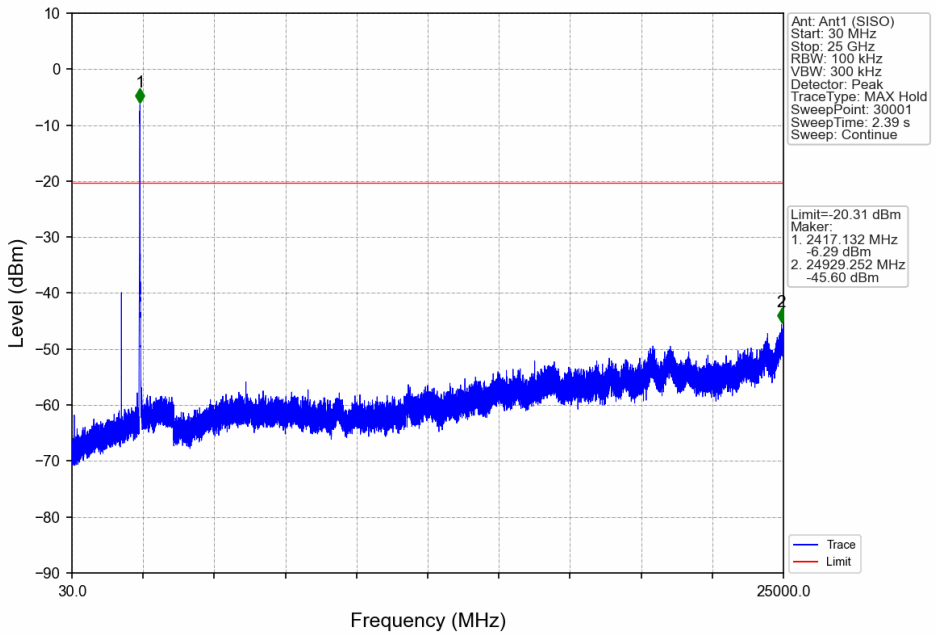
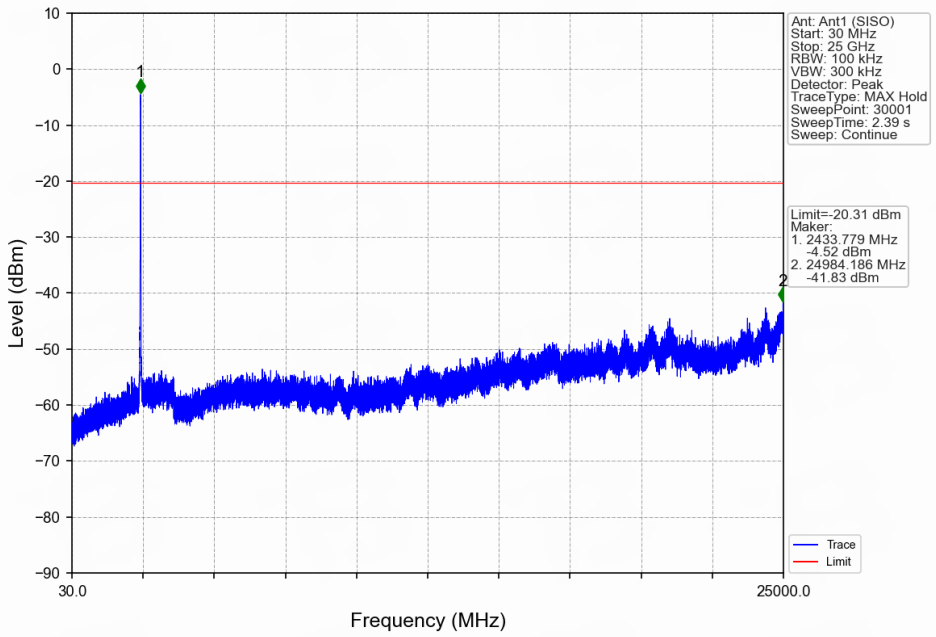
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



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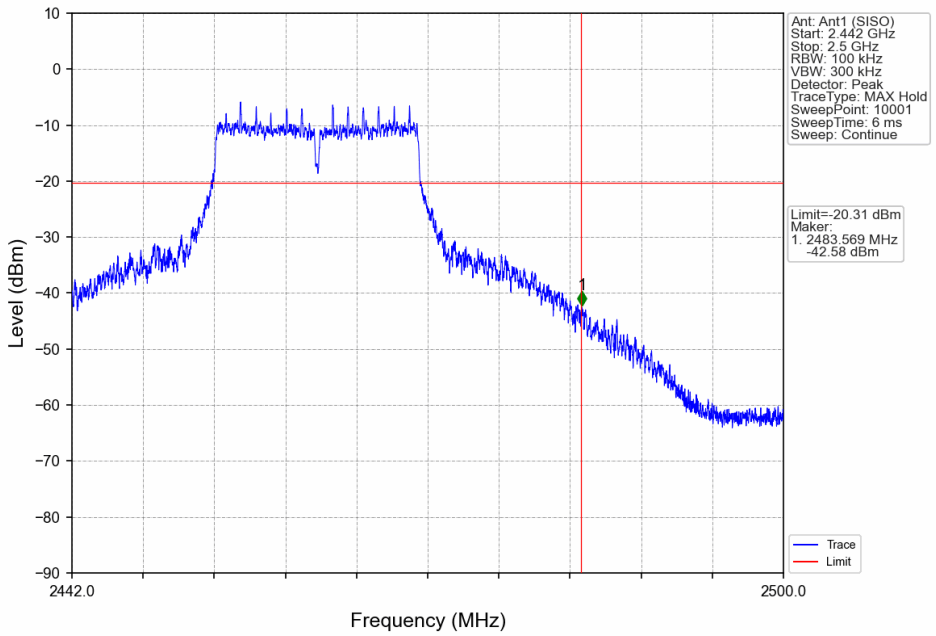
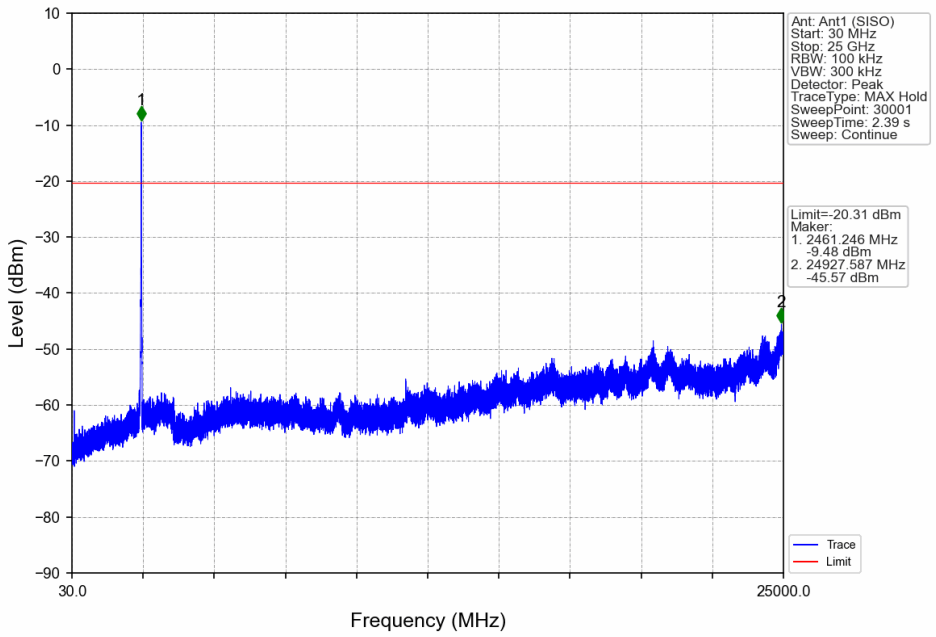
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



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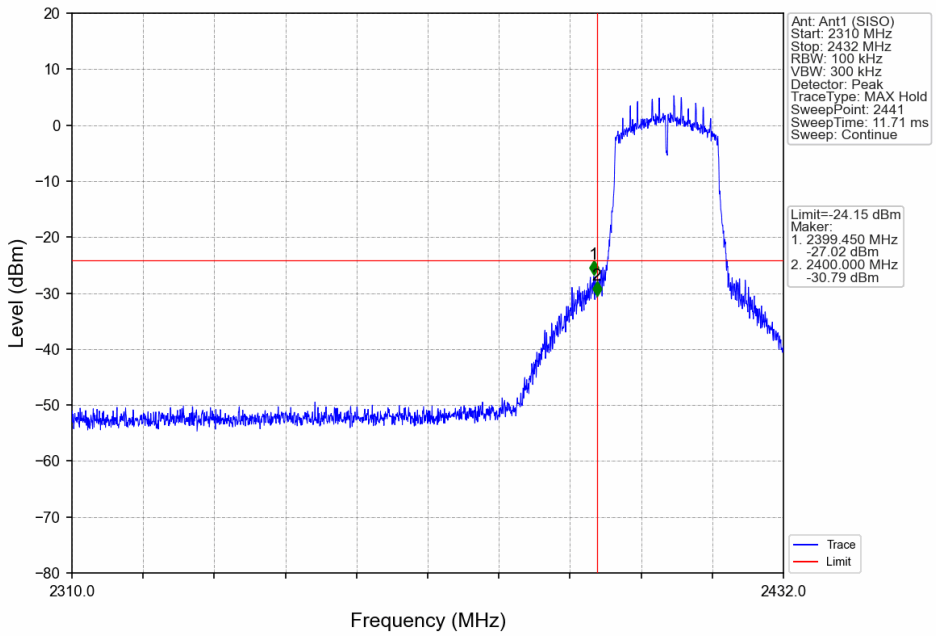
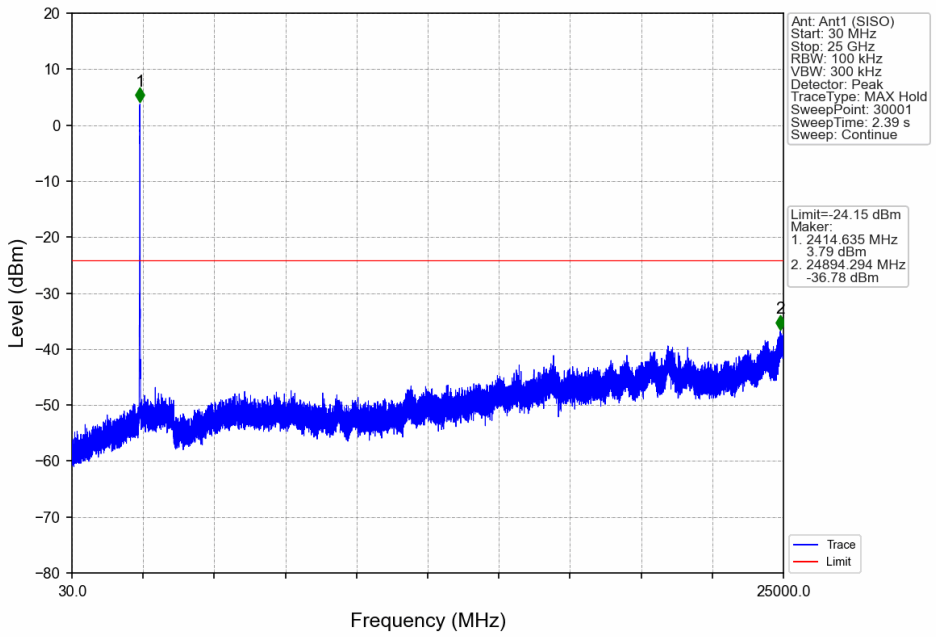
802.11n(HT20)_LCH_2412MHz_Ant1&2 (MIMO)_NTNV



802.11n(HT20)_LCH_2412MHz_ Ant1&2 (MIMO)_NTNV



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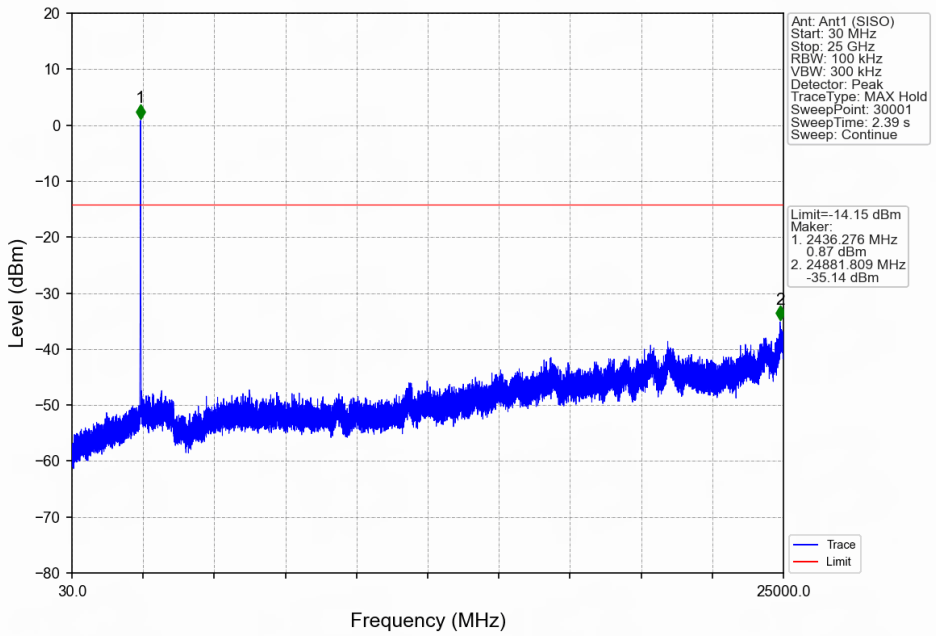
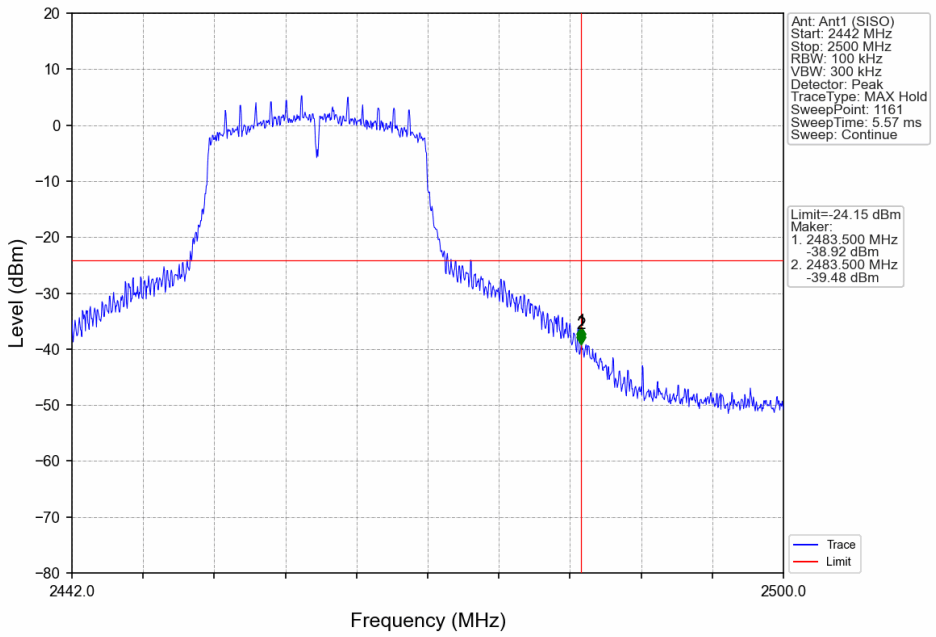
802.11n(HT20)_MCH_2437MHz_Ant1 Ant1&2 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_ Ant1&2 (MIMO)_NTNV



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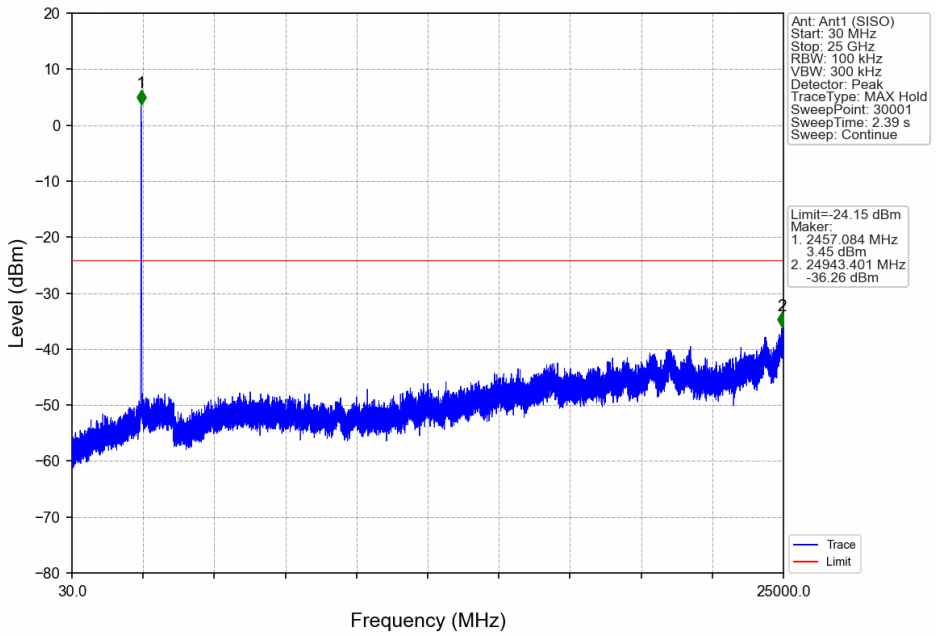
802.11n(HT20)_HCH_2462MHz_ Ant1&2 (MIMO)_NTNV



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6. Form731

6.1 Form731

6.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2412	2462	0.0950	19.78

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