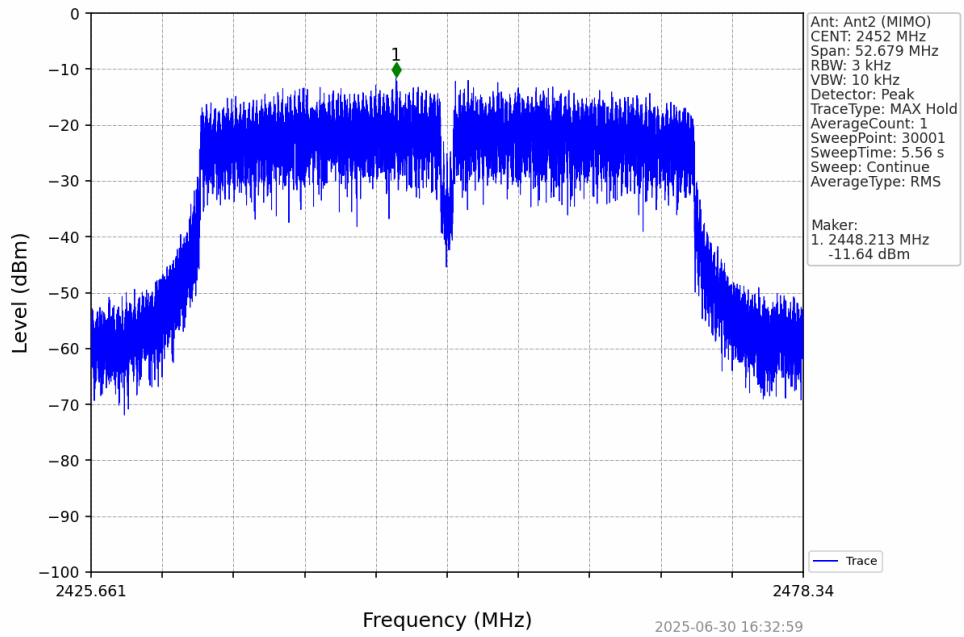
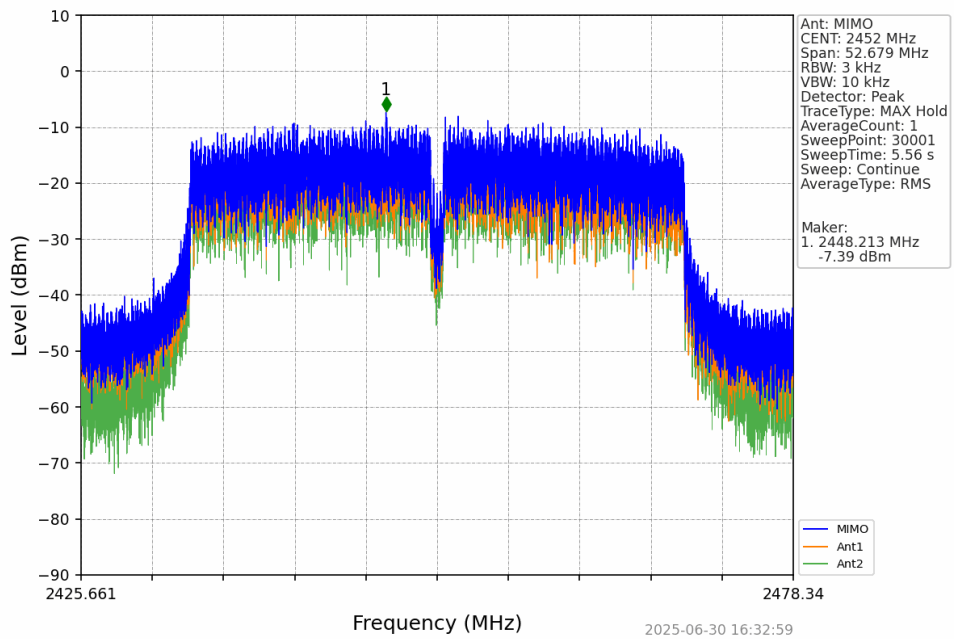


802.11n(HT40) HCH 2452MHz Ant2 (MIMO) NTN



802.11n(HT40) HCH 2452MHz MIMO NTN



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	7.20
			2	3.06
		2437	1	6.01
			2	2.99
		2462	1	6.11
			2	2.71
802.11g	SISO	2412	1	8.52
			2	6.11
		2437	1	7.82
			2	5.32
		2462	1	7.27
			2	5.26
802.11n (HT20)	MIMO	2412	1	9.07
			2	6.10
		2437	1	7.75
			2	5.74
		2462	1	7.89
			2	5.52
802.11n (HT40)	MIMO	2422	1	5.74
			2	3.41
		2437	1	4.98
			2	3.29
		2452	1	5.17
			2	3.38

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.

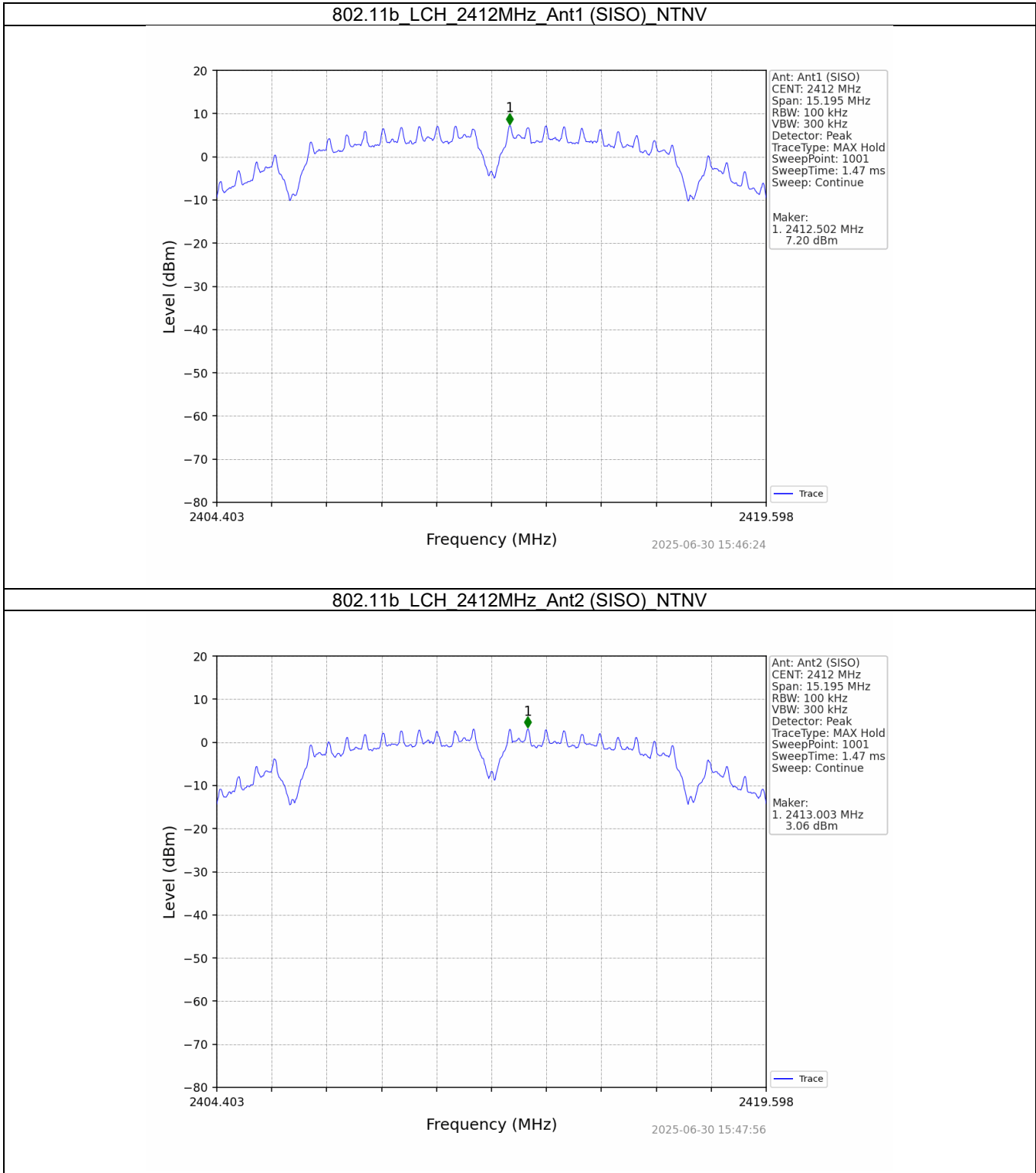
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	7.20	-12.80	Pass
			2	3.06	-16.94	Pass
		2437	1	7.20	-12.80	Pass
			2	3.06	-16.94	Pass
		2462	1	7.20	-12.80	Pass
			2	3.06	-16.94	Pass
802.11g	SISO	2412	1	8.52	-11.48	Pass
			2	6.11	-13.89	Pass
		2437	1	8.52	-11.48	Pass
			2	6.11	-13.89	Pass
		2462	1	8.52	-11.48	Pass
			2	6.11	-13.89	Pass
802.11n (HT20)	MIMO	2412	1	9.07	-10.93	Pass
			2	6.10	-13.90	Pass
		2437	1	9.07	-10.93	Pass

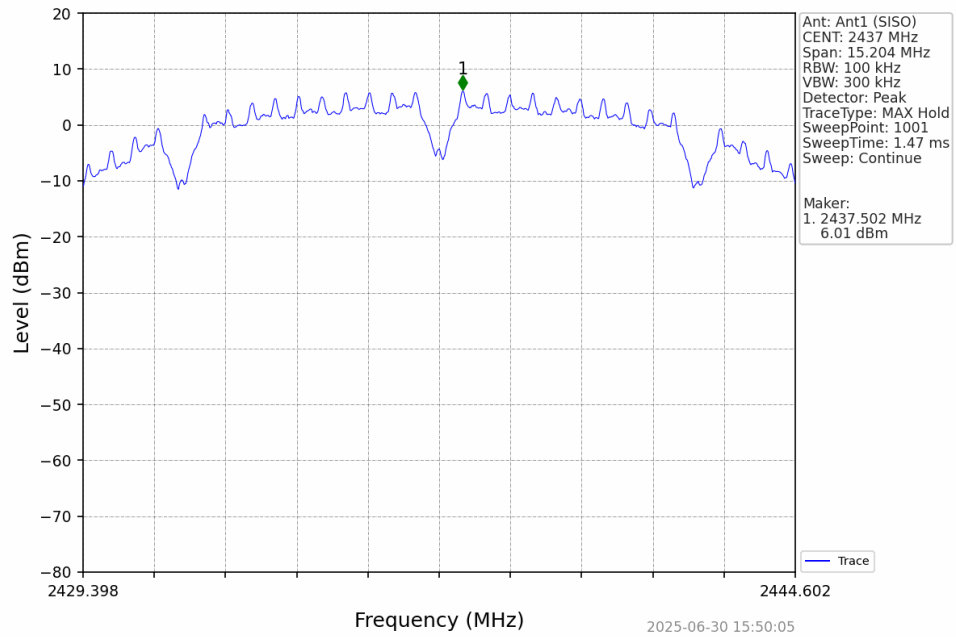
			2	6.10	-13.90	Pass
		2462	1	9.07	-10.93	Pass
			2	6.10	-13.90	Pass
802.11n (HT40)	MIMO	2422	1	5.74	-14.26	Pass
			2	3.41	-16.59	Pass
		2437	1	5.74	-14.26	Pass
			2	3.41	-16.59	Pass
		2452	1	5.74	-14.26	Pass
			2	3.41	-16.59	Pass
		Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

5.2 Test Graph

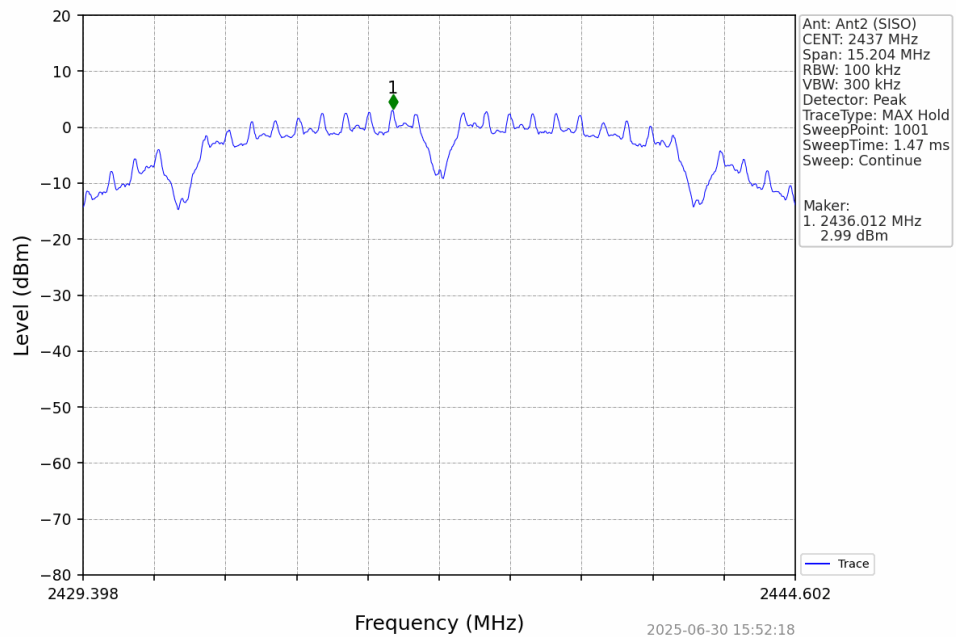
5.2.1 Ref



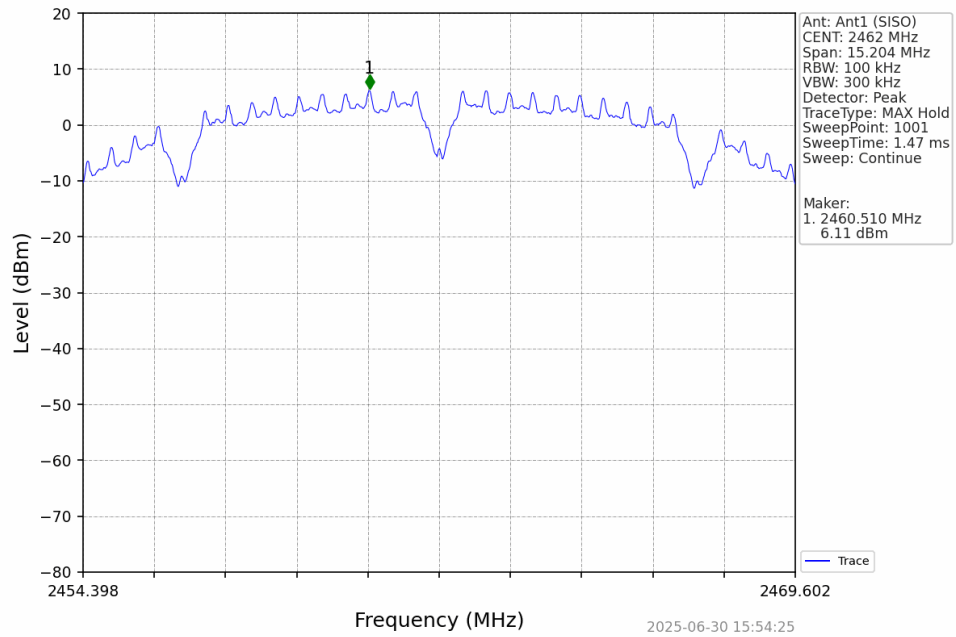
802.11b MCH 2437MHz Ant1 (SISO) NTN



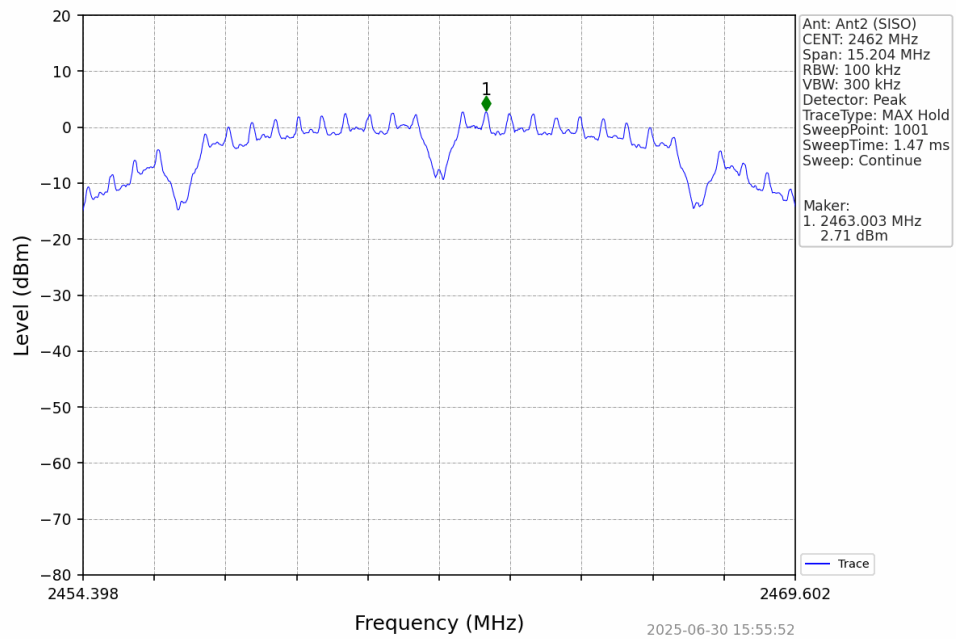
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



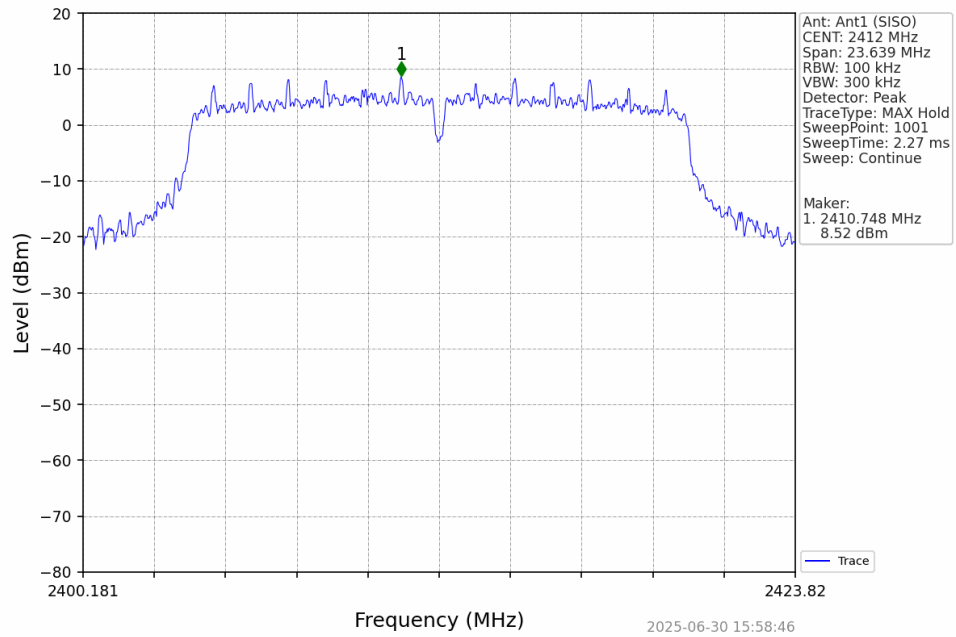
802.11b HCH 2462MHz Ant1 (SISO) NTN



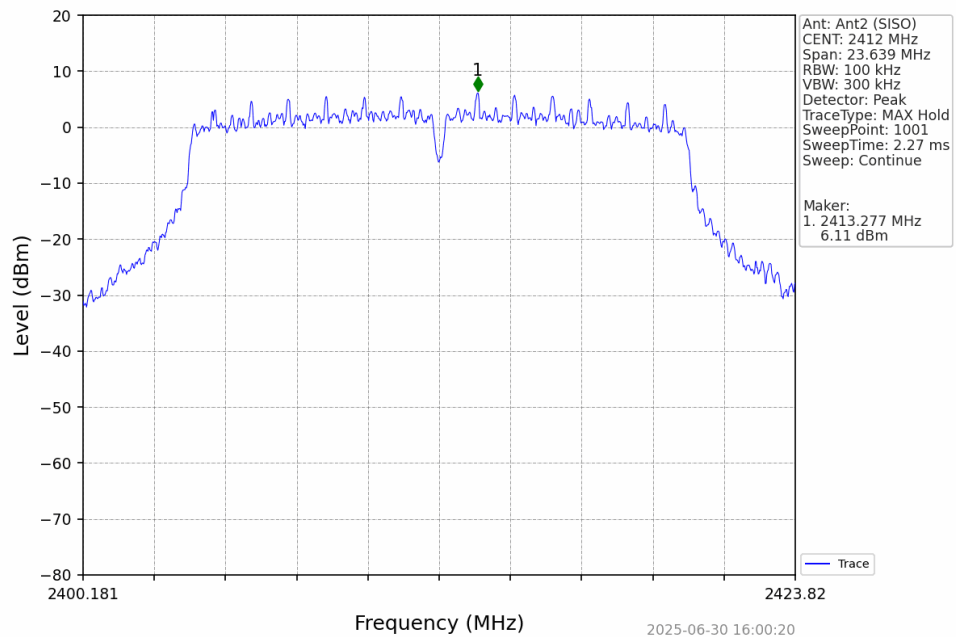
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



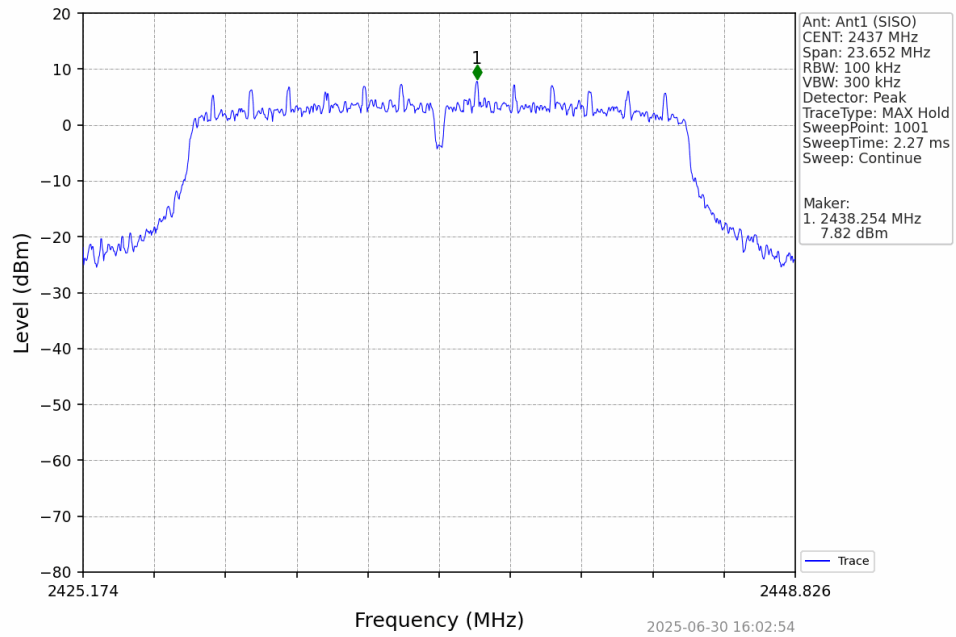
802.11g LCH 2412MHz Ant1 (SISO) NTN



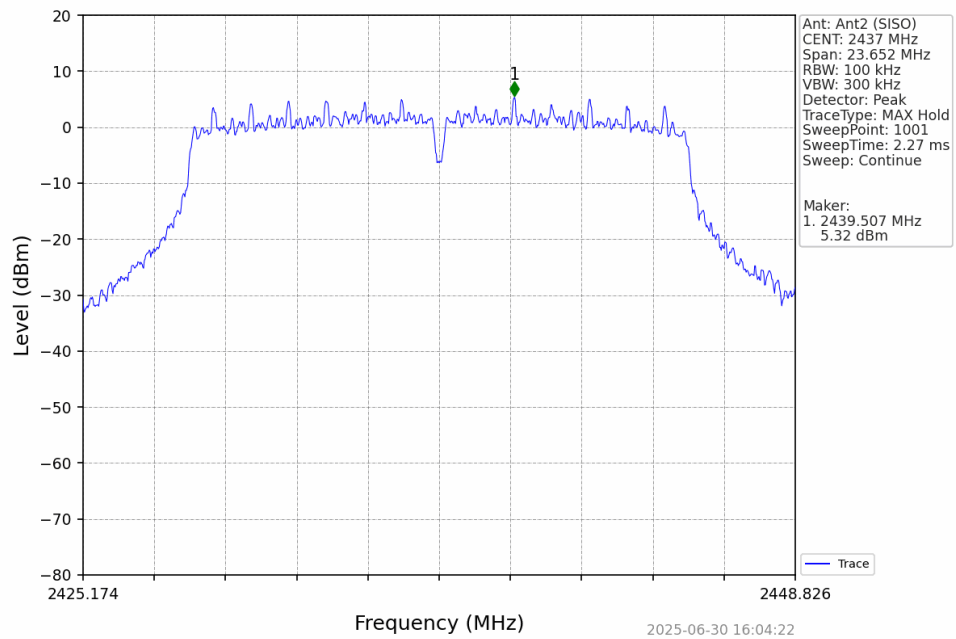
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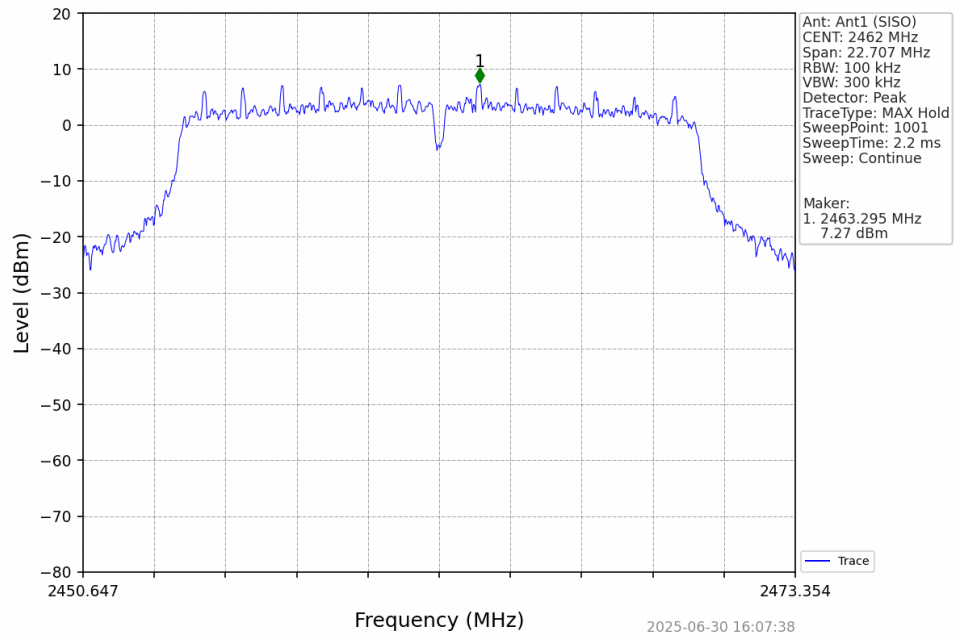
802.11g MCH 2437MHz Ant1 (SISO) NTN



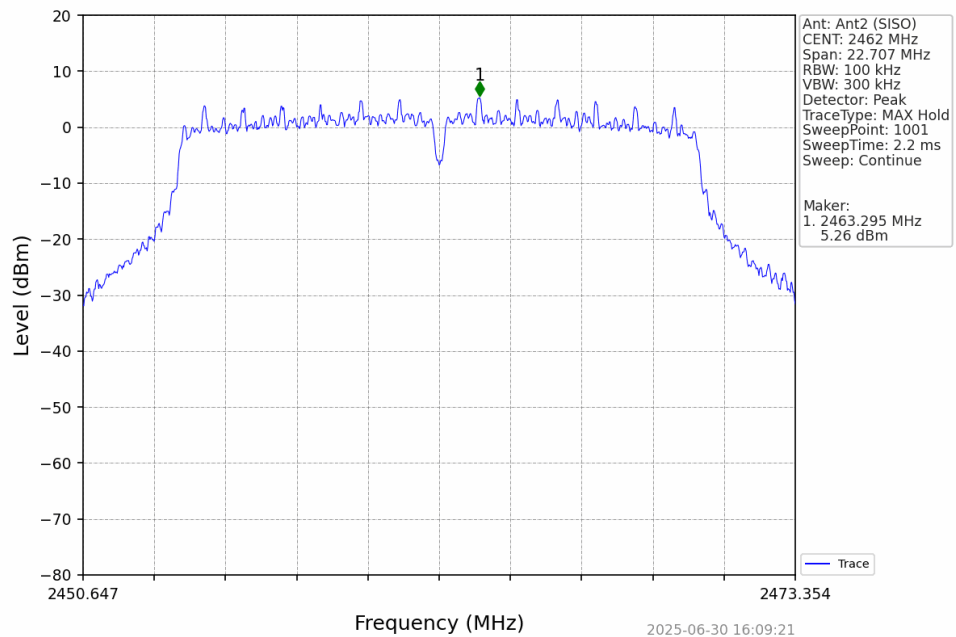
802.11g MCH 2437MHz Ant2 (SISO) NTN



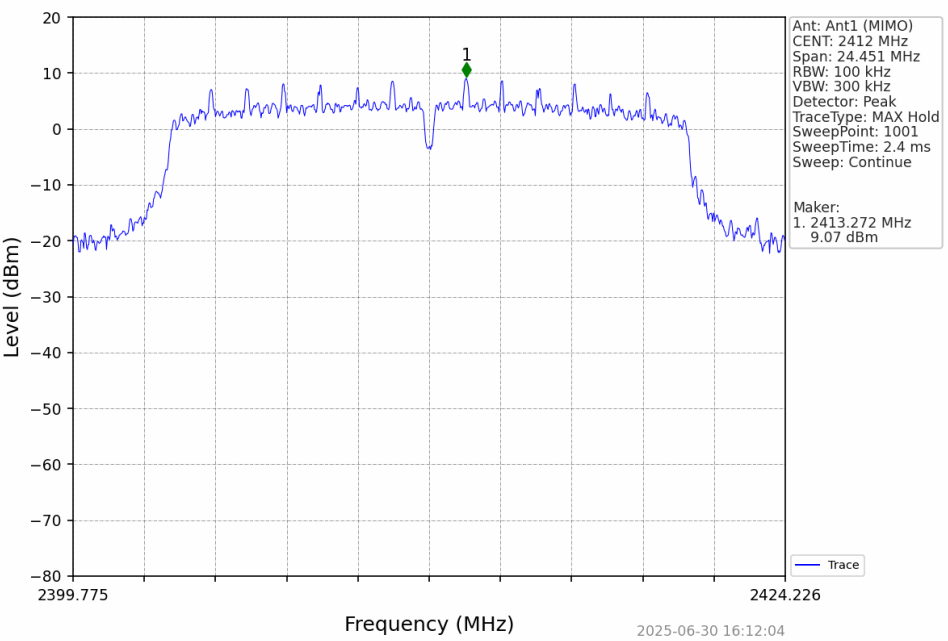
802.11g HCH 2462MHz Ant1 (SISO) NTN



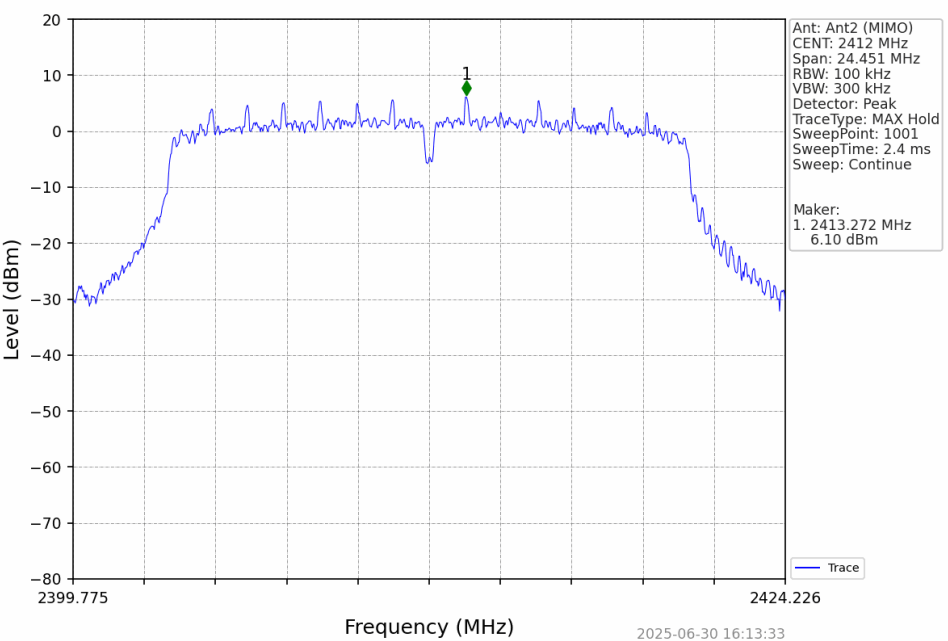
802.11g HCH 2462MHz Ant2 (SISO) NTN



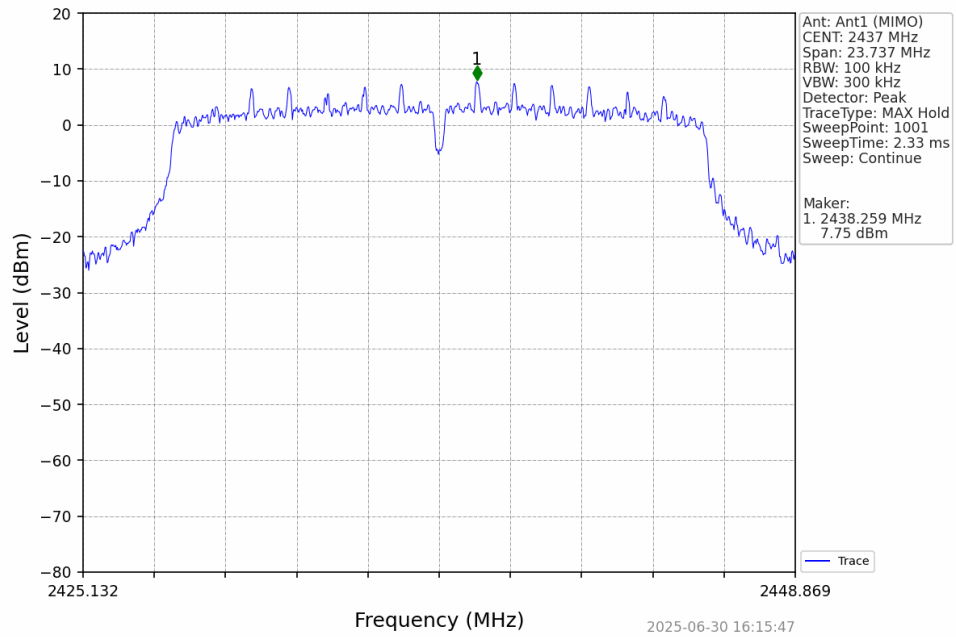
802.11n(HT20) LCH 2412MHz Ant1 (MIMO) NTN



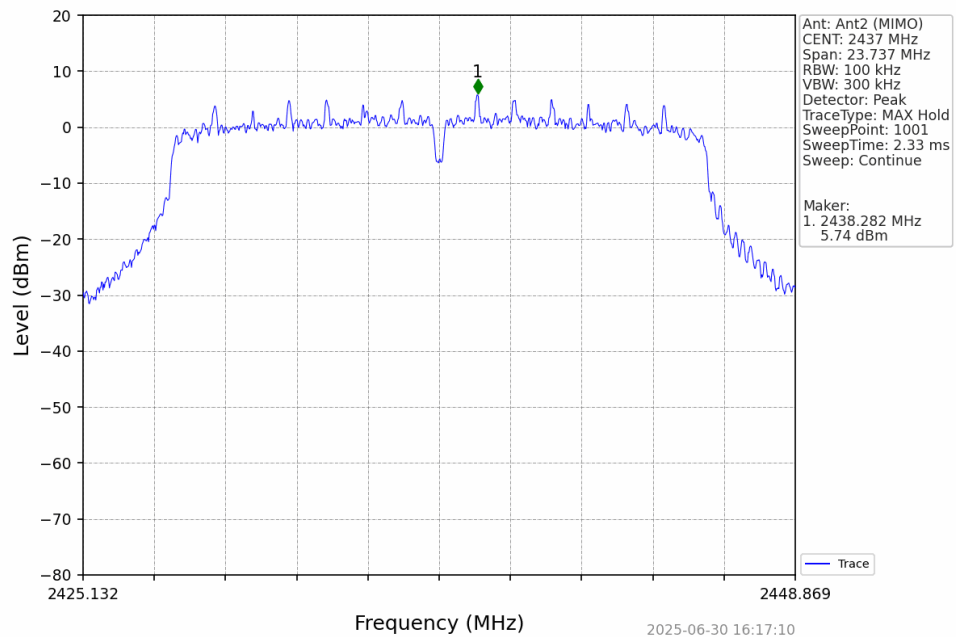
802.11n(HT20) LCH 2412MHz Ant2 (MIMO) NTN



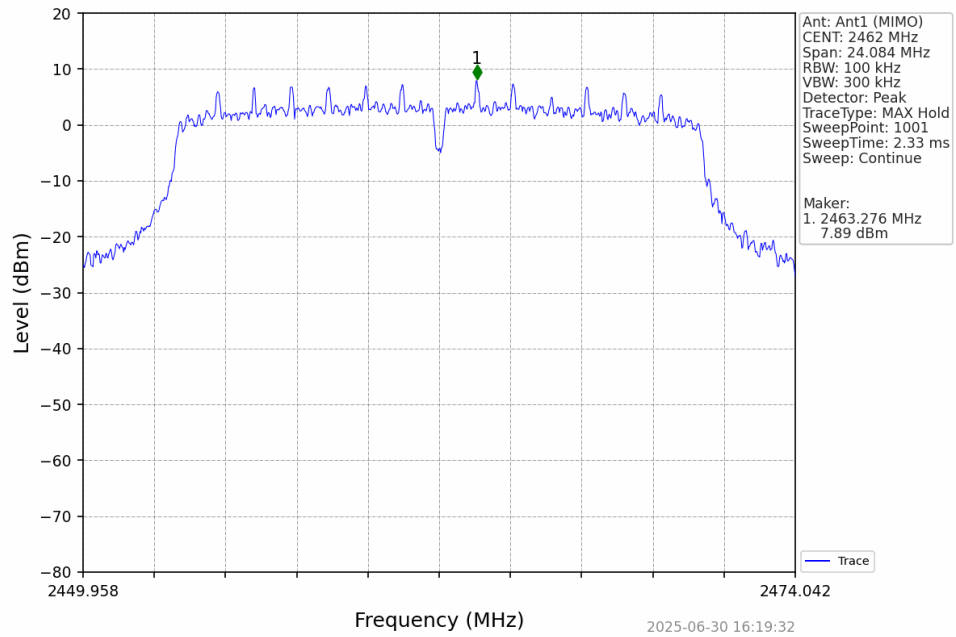
802.11n(HT20) MCH 2437MHz Ant1 (MIMO) NTN



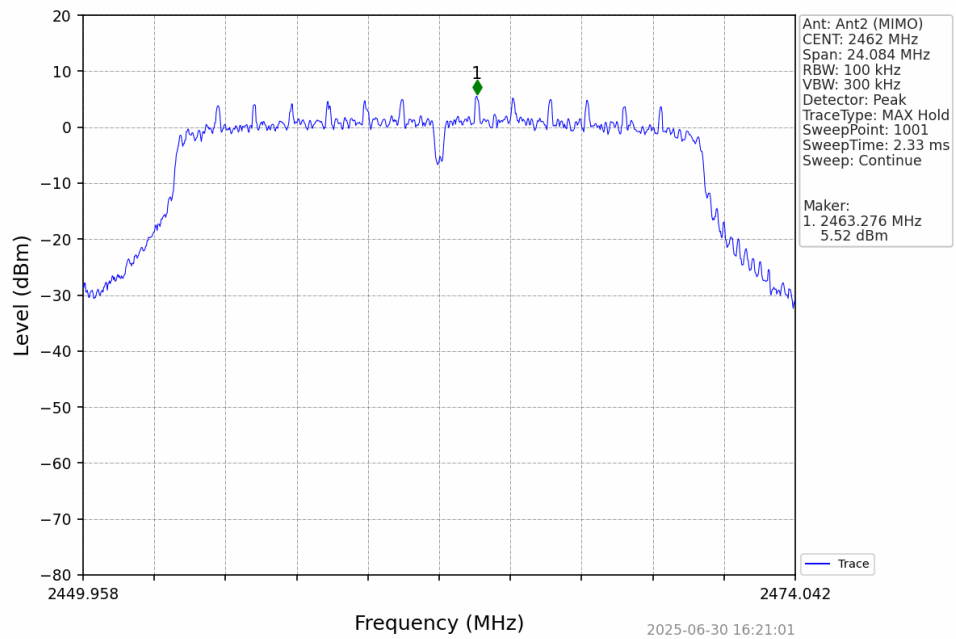
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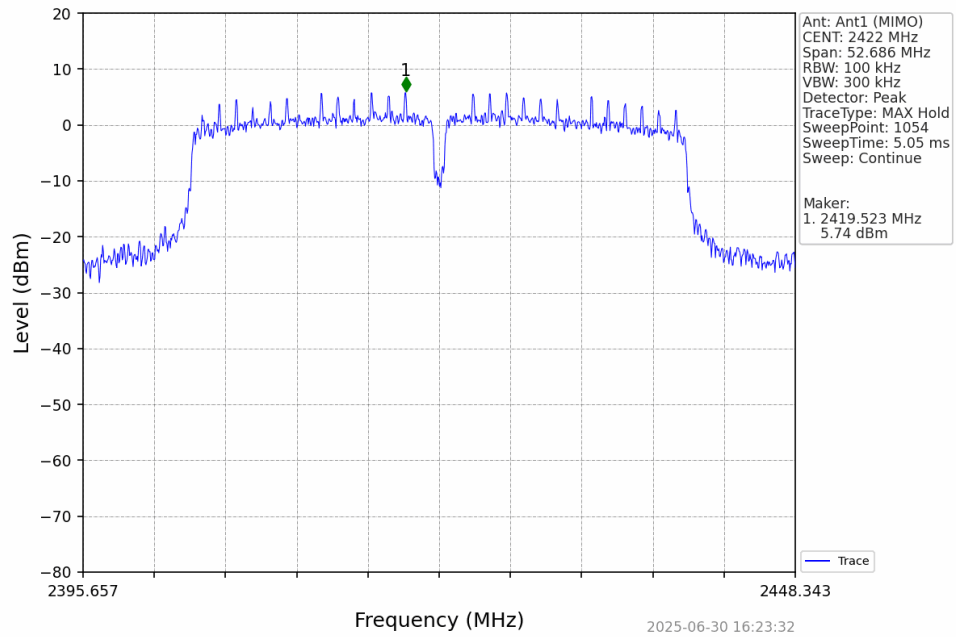
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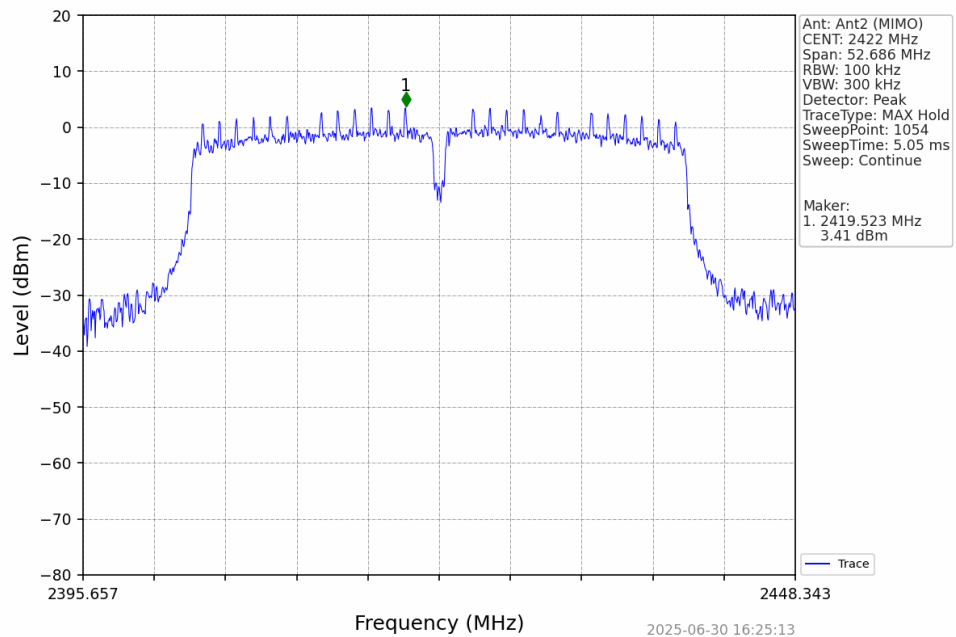
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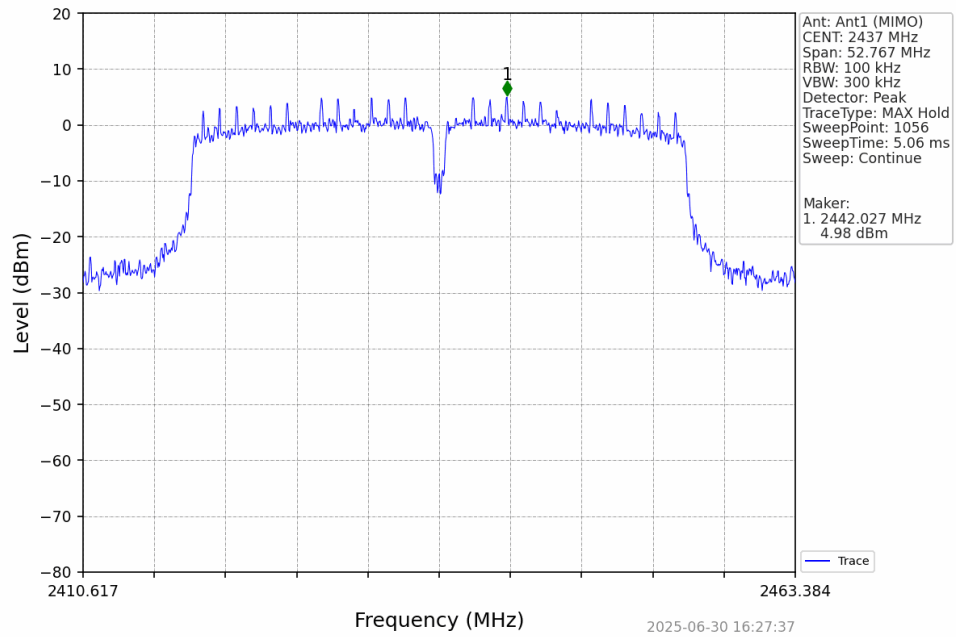
802.11n(HT40) LCH 2422MHz Ant1 (MIMO) NTN



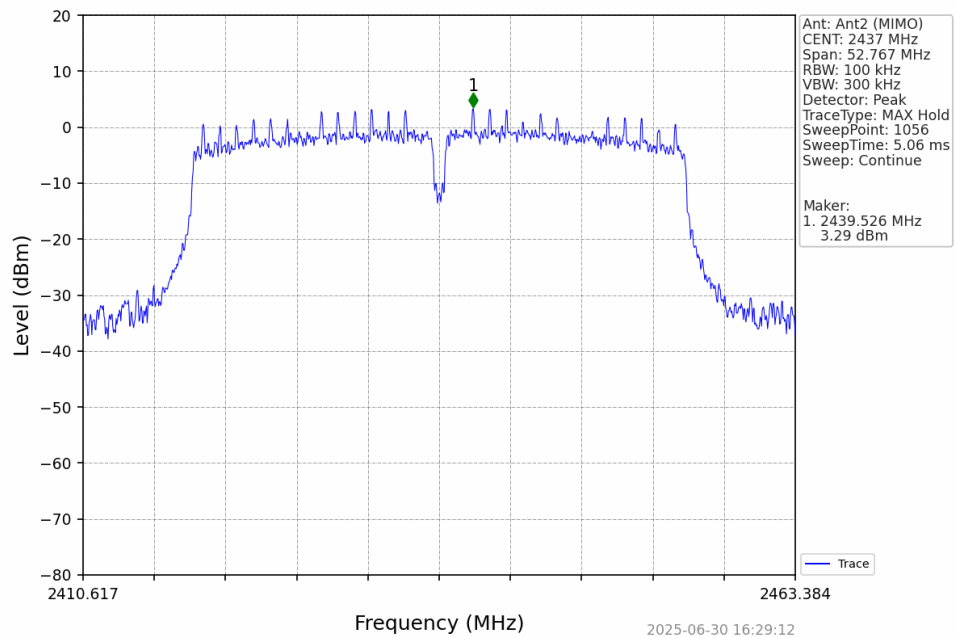
802.11n(HT40) LCH 2422MHz Ant2 (MIMO) NTN



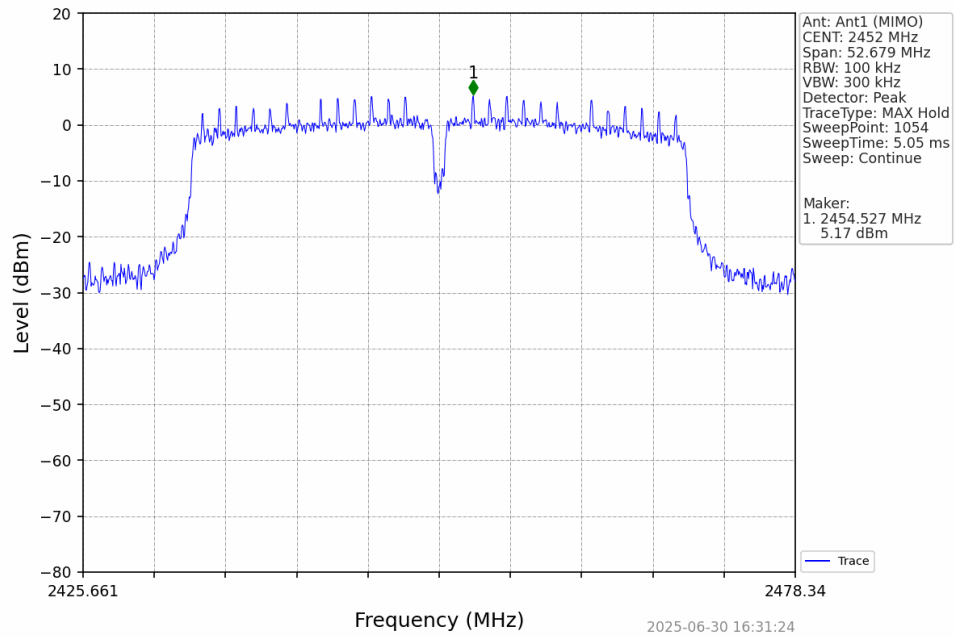
802.11n(HT40) MCH 2437MHz Ant1 (MIMO) NTN



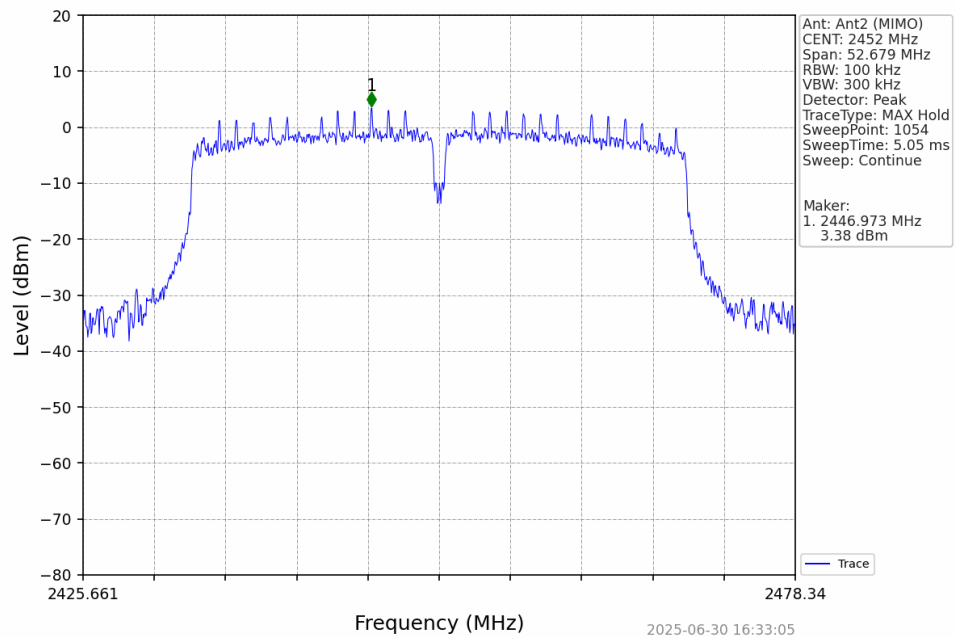
802.11n(HT40) MCH 2437MHz Ant2 (MIMO) NTN



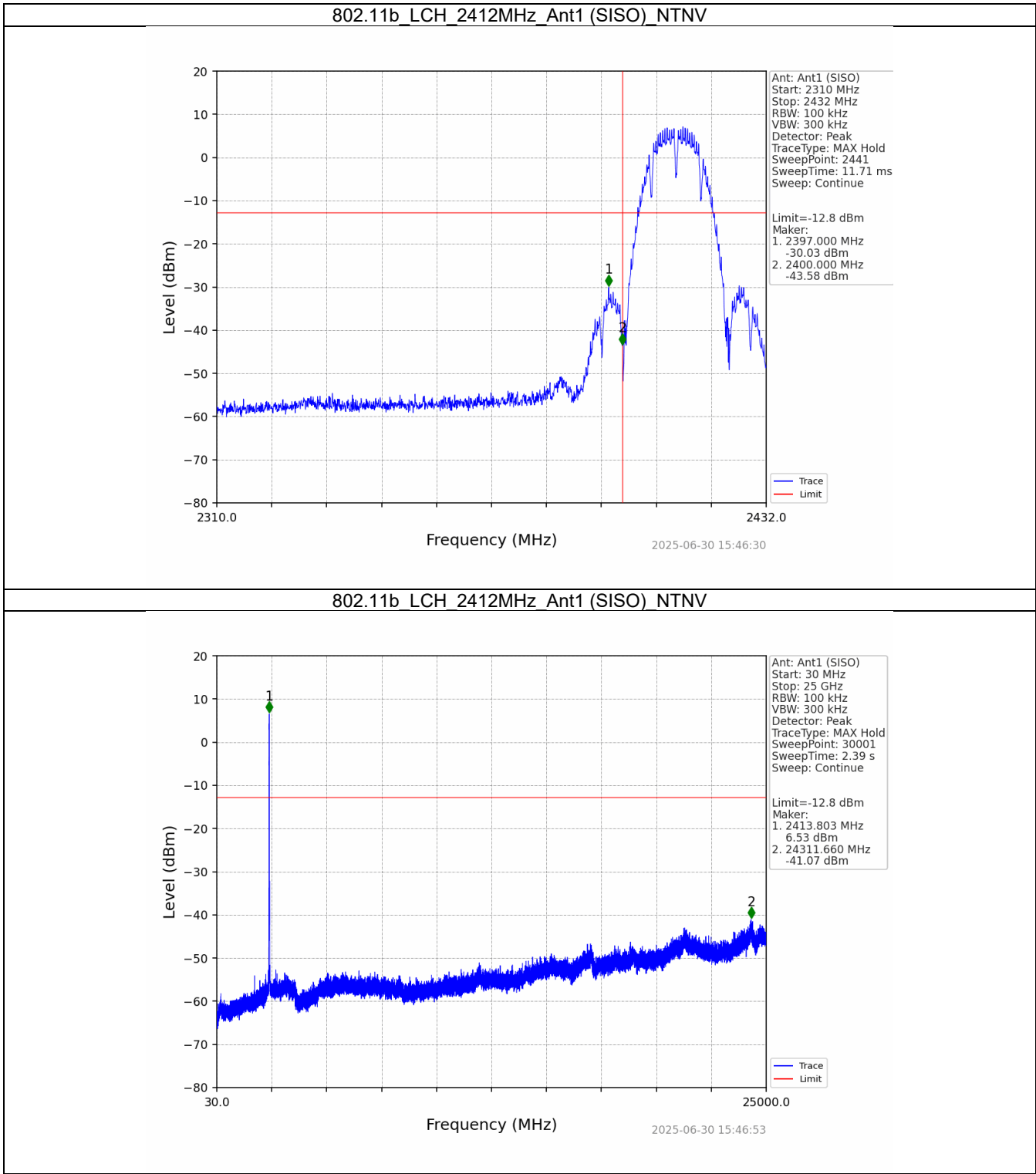
802.11n(HT40) HCH 2452MHz Ant1 (MIMO) NTN



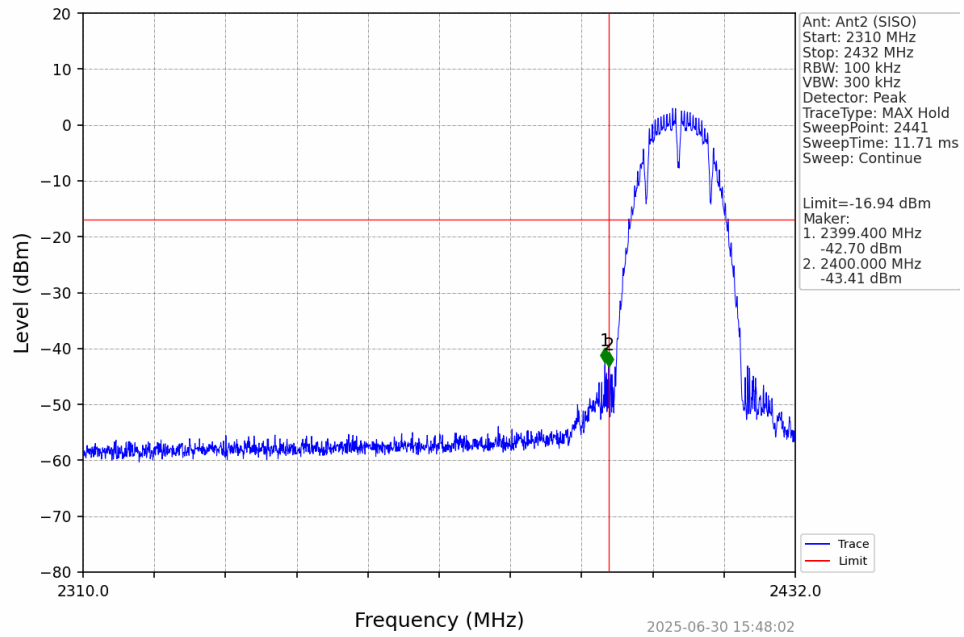
802.11n(HT40) HCH 2452MHz Ant2 (MIMO) NTN



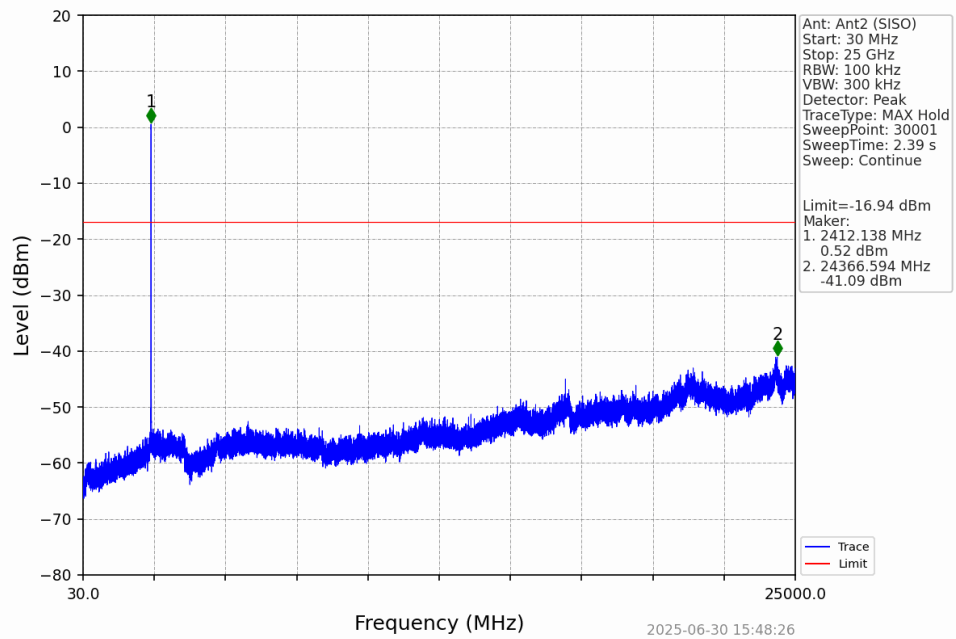
5.2.2 CSE



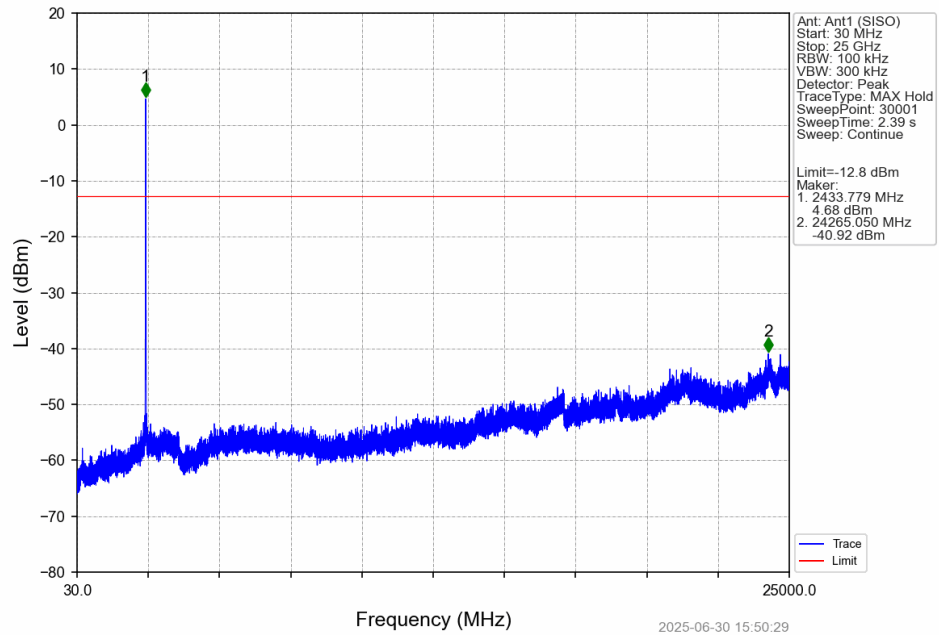
802.11b LCH 2412MHz Ant2 (SISO) NTN



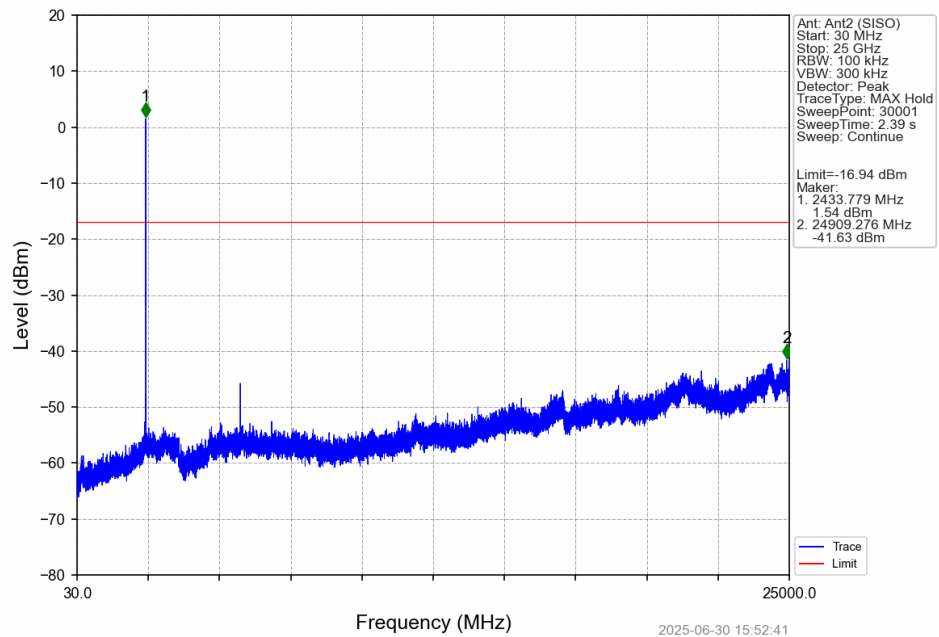
802.11b LCH 2412MHz Ant2 (SISO) NTN



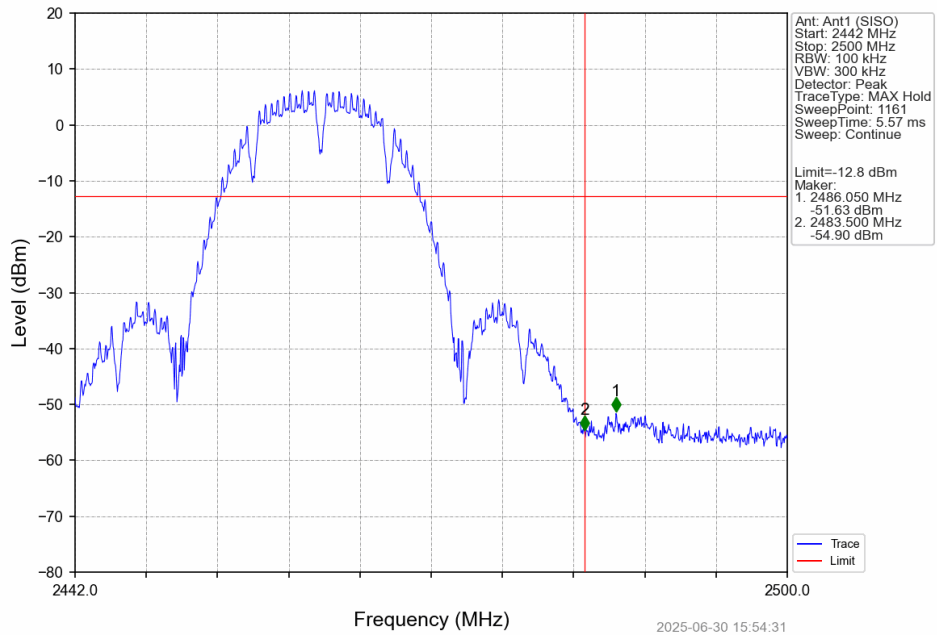
802.11b MCH 2437MHz Ant1 (SISO) NTN



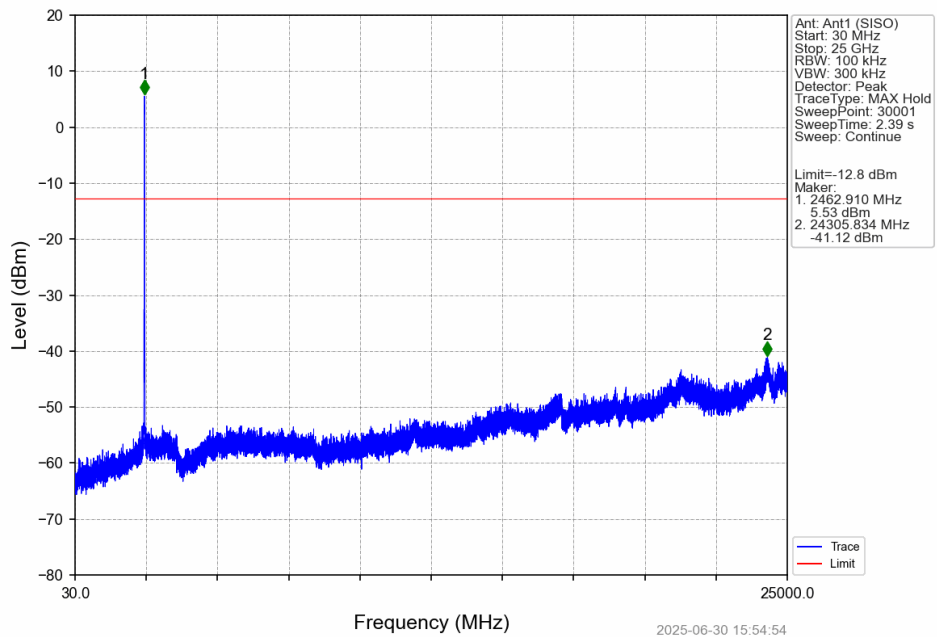
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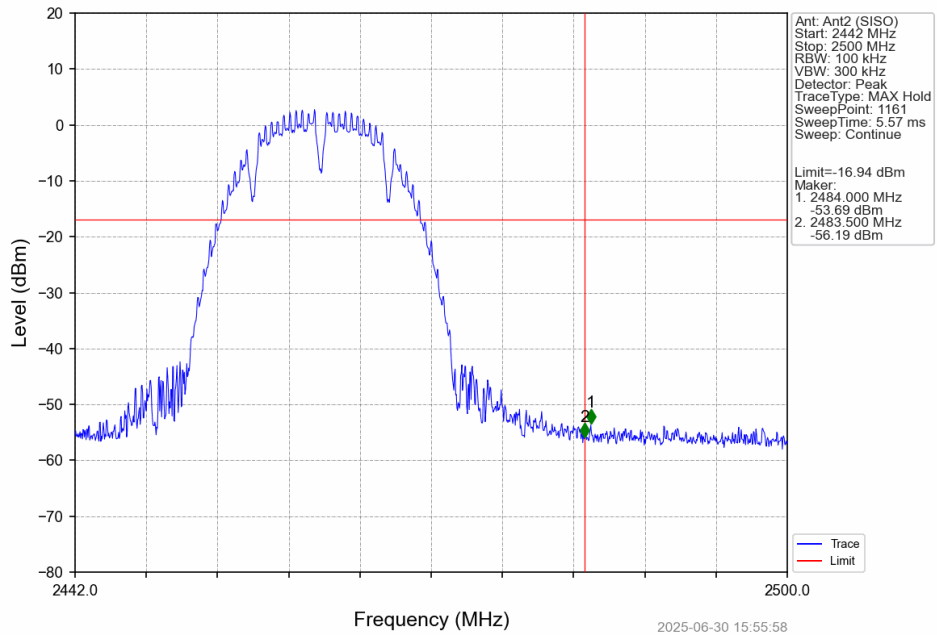
802.11b HCH 2462MHz Ant1 (SISO) NTN



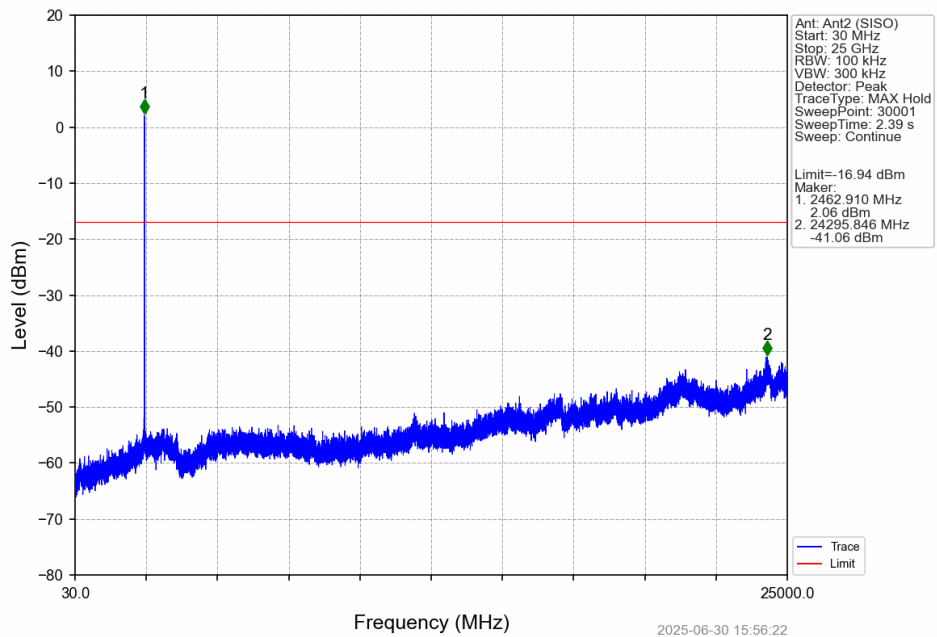
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



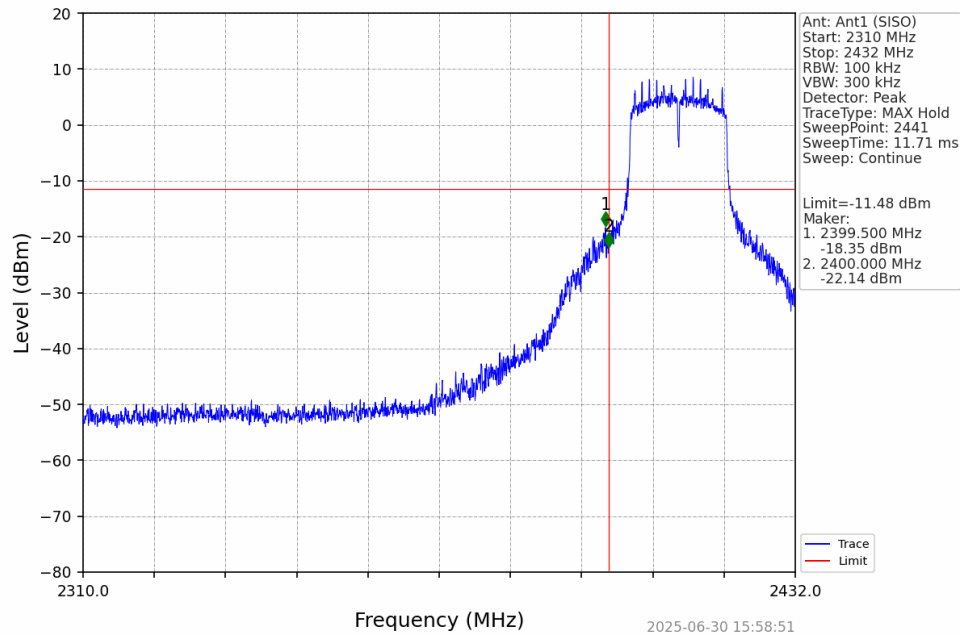
802.11b HCH 2462MHz Ant2 (SISO) NTN



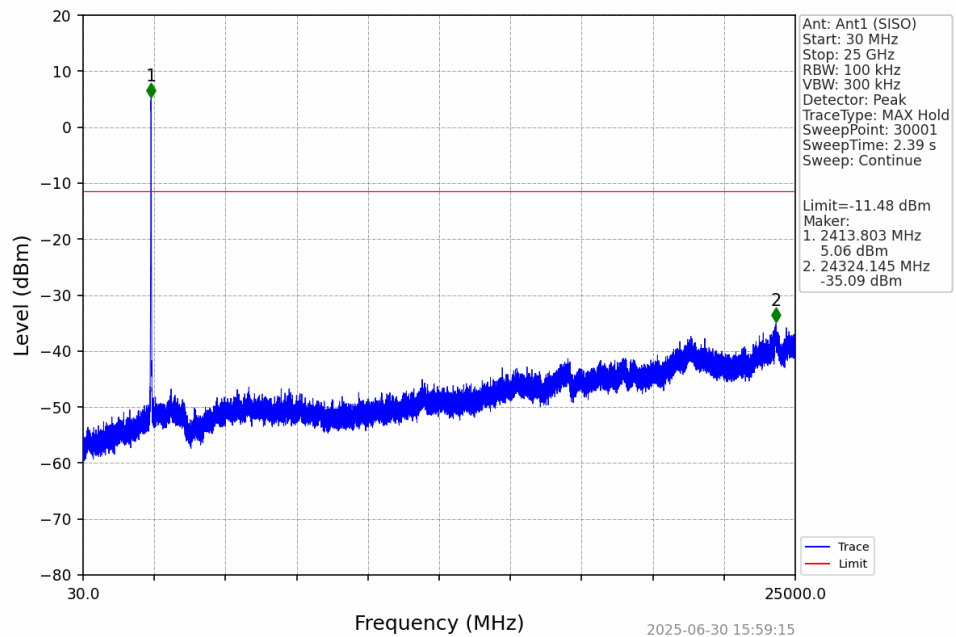
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



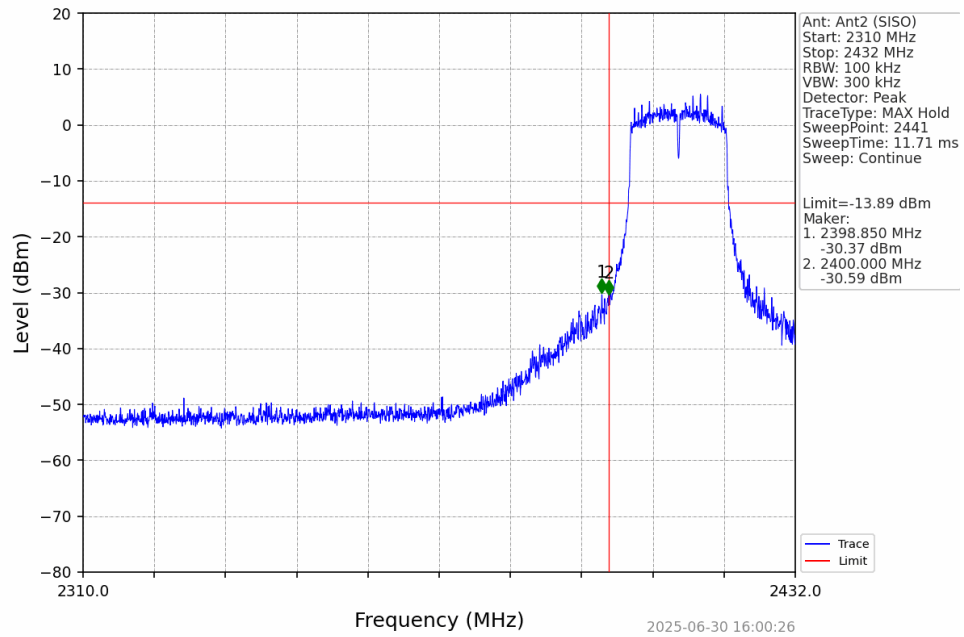
802.11g_LCH_2412MHz_Ant1 (SISO) NTN



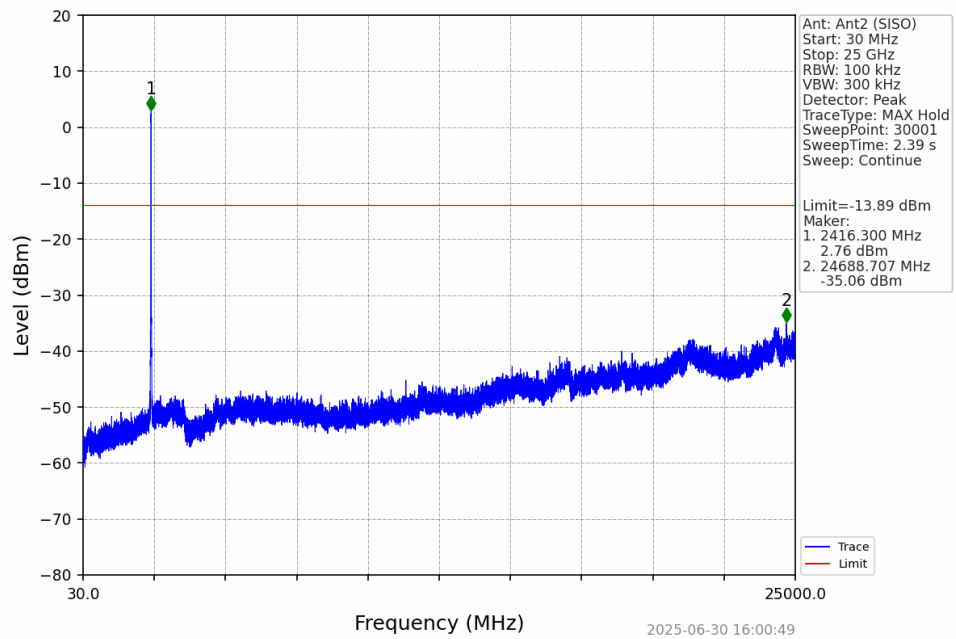
802.11g_LCH_2412MHz_Ant1 (SISO) NTN



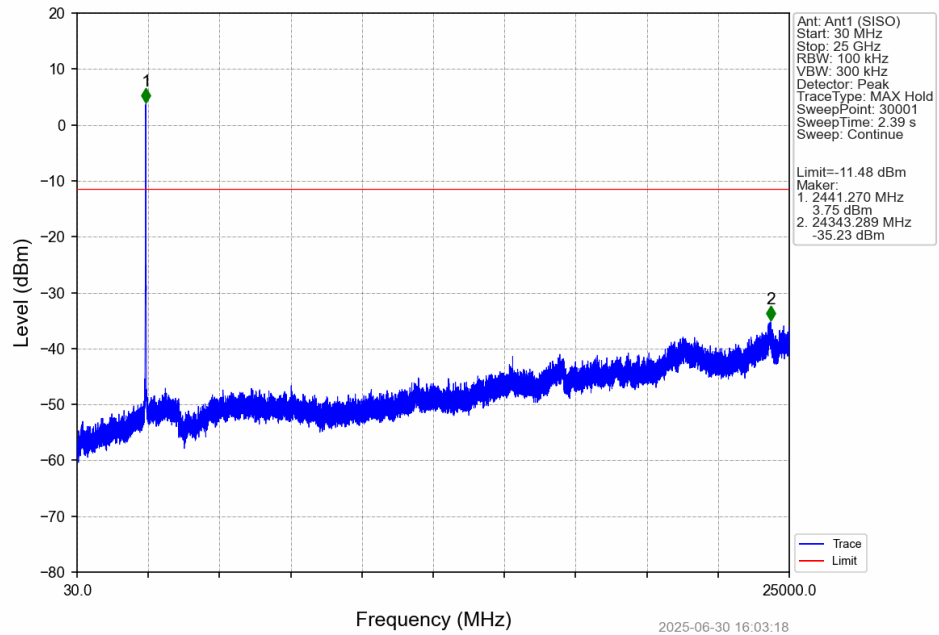
802.11g LCH 2412MHz Ant2 (SISO) NTN



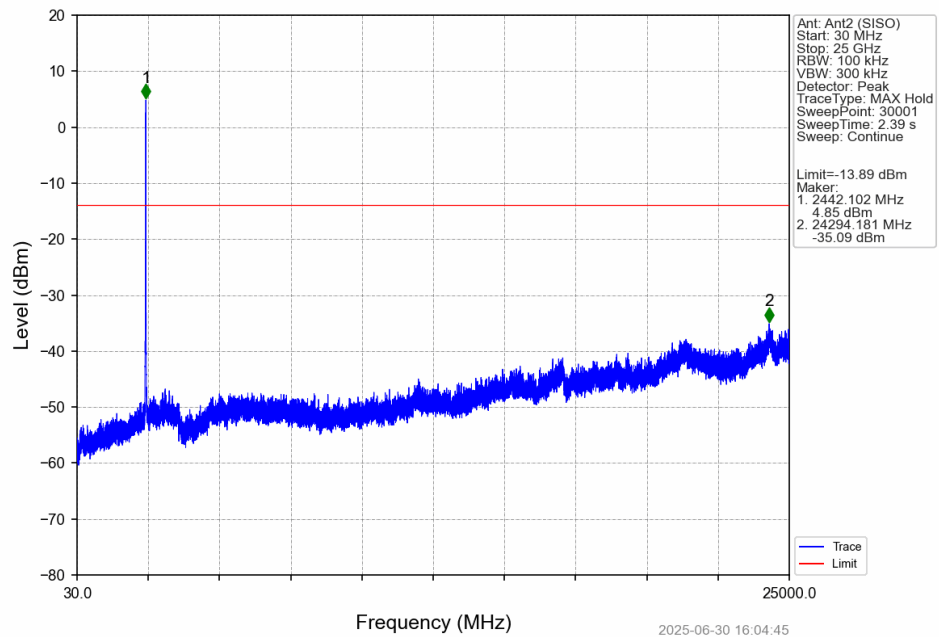
802.11g LCH 2412MHz Ant2 (SISO) NTN



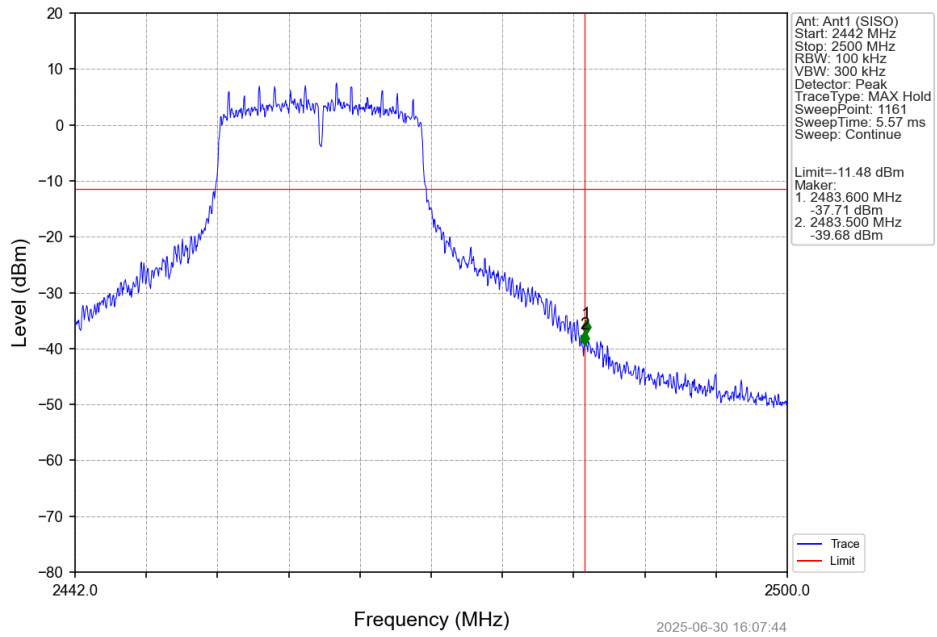
802.11g_MCH_2437MHz_Ant1 (SISO) NTN



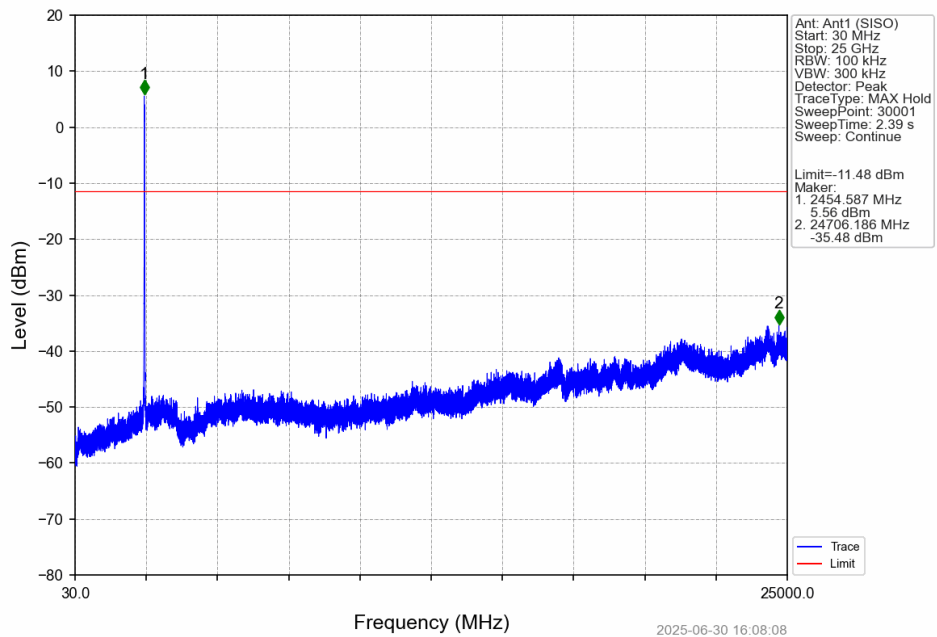
802.11g_MCH_2437MHz_Ant2 (SISO) NTN



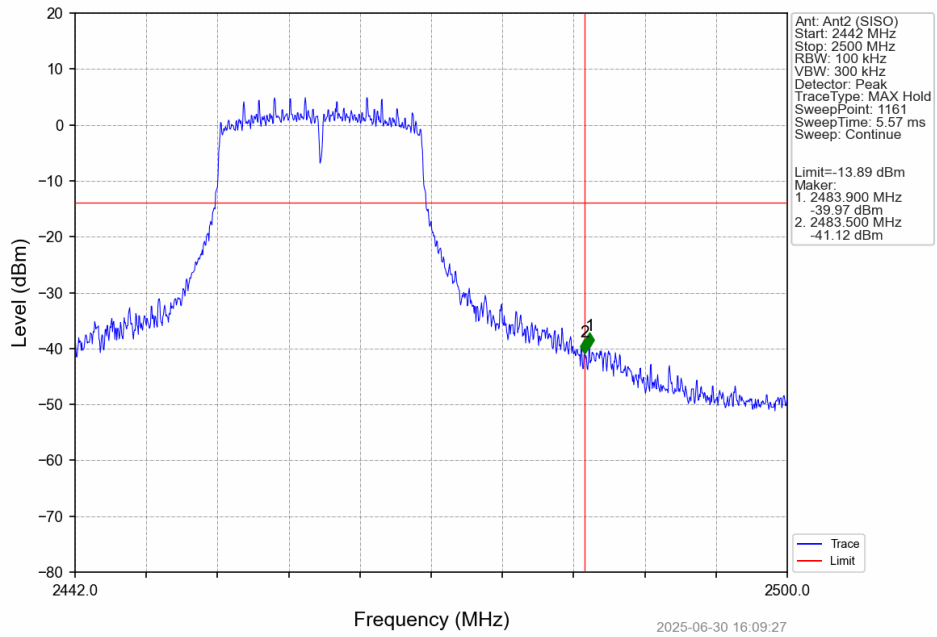
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



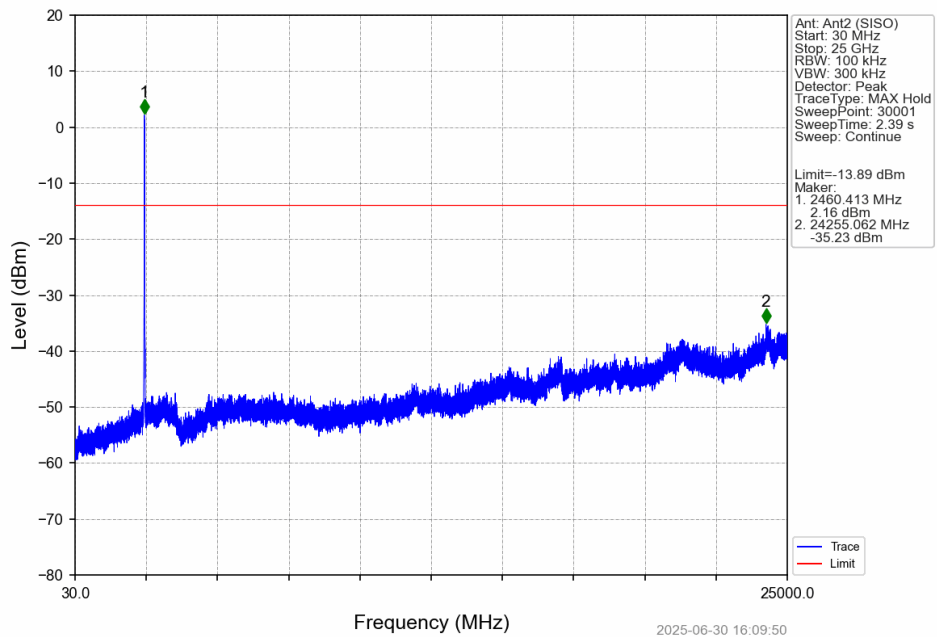
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



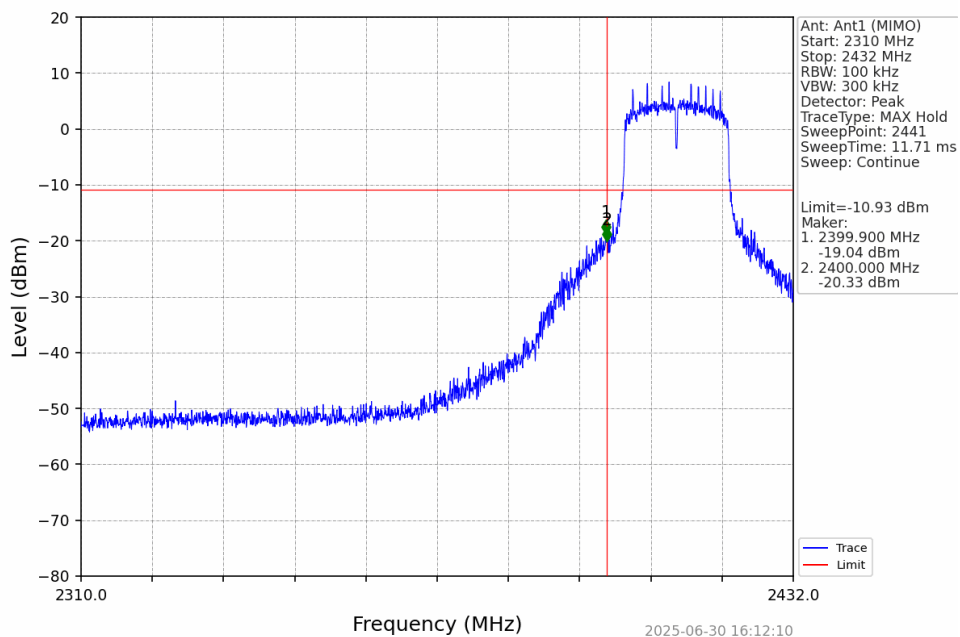
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



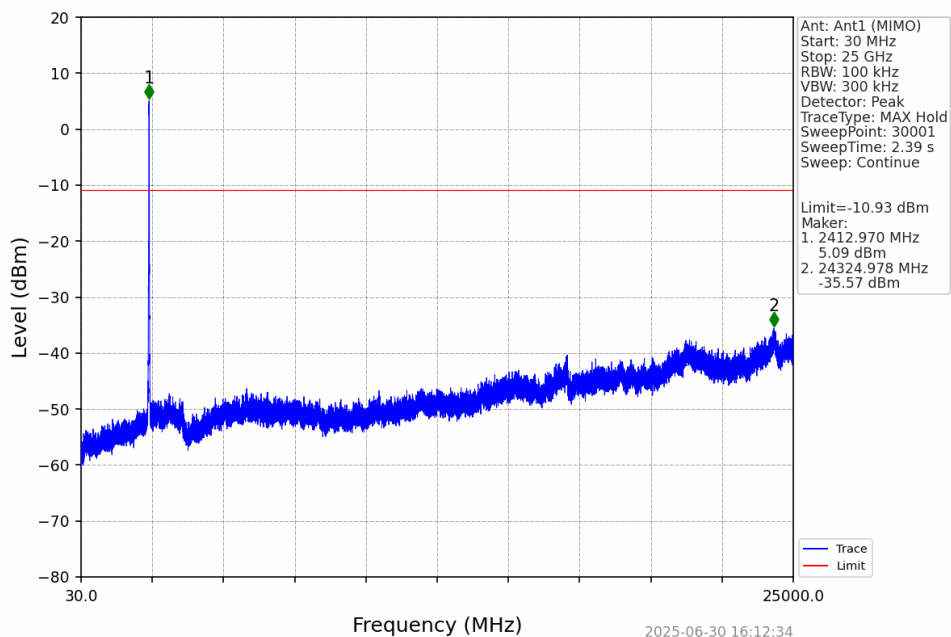
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



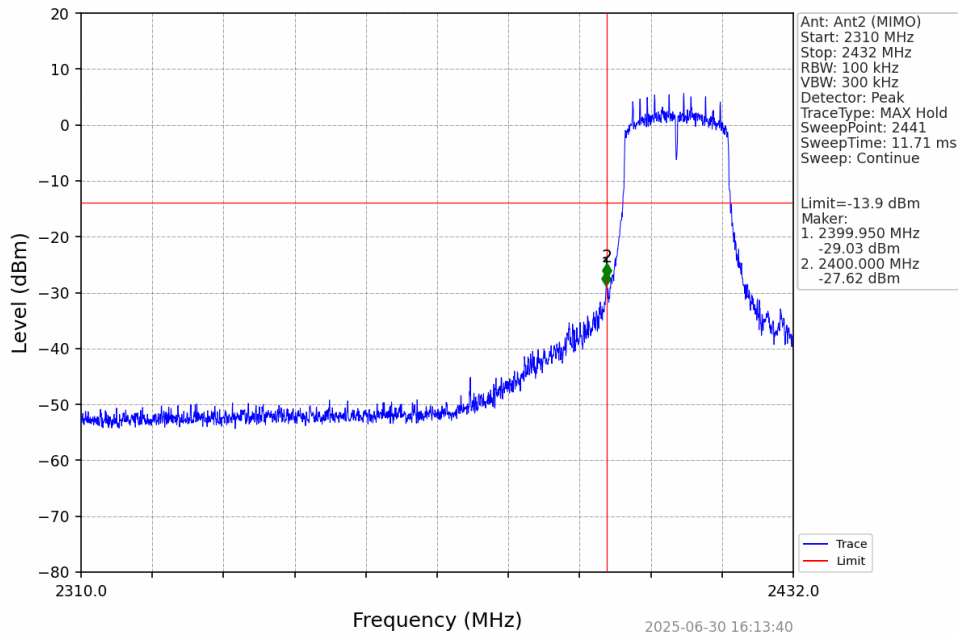
802.11n(HT20) LCH 2412MHz Ant1 (MIMO) NTNV



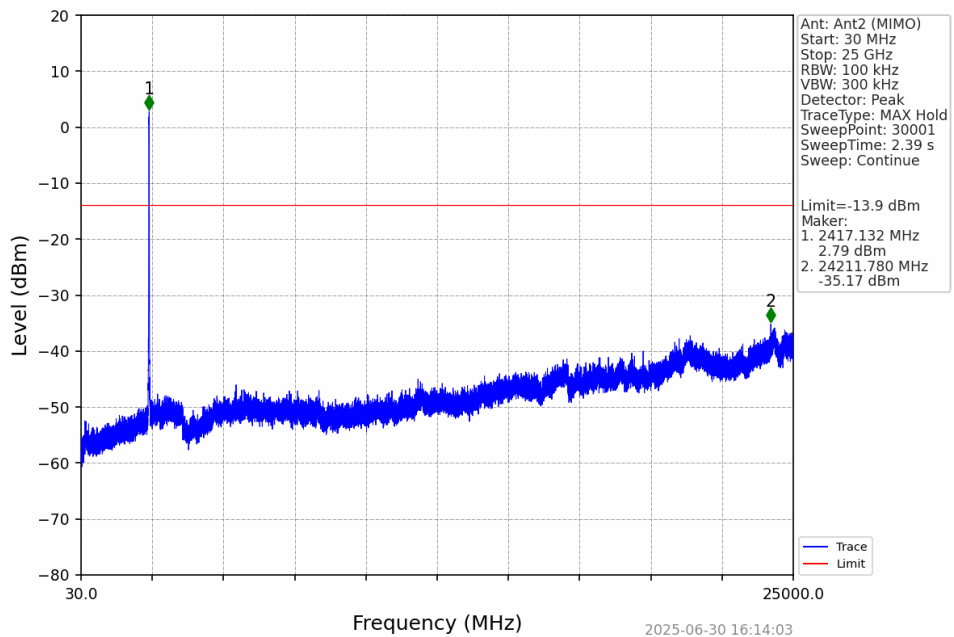
802.11n(HT20) LCH 2412MHz Ant1 (MIMO) NTNV



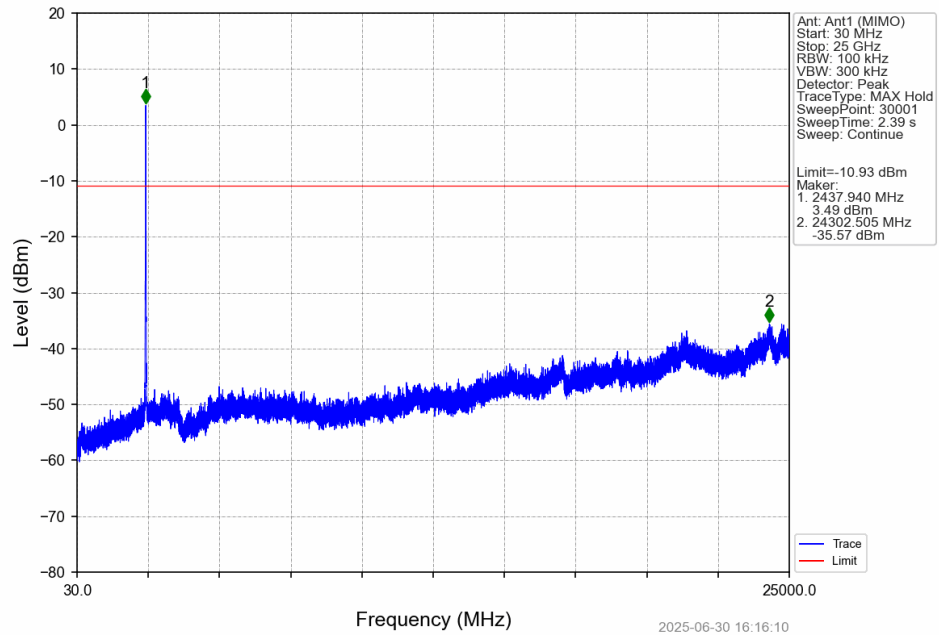
802.11n(HT20) LCH 2412MHz Ant2 (MIMO) NTNV



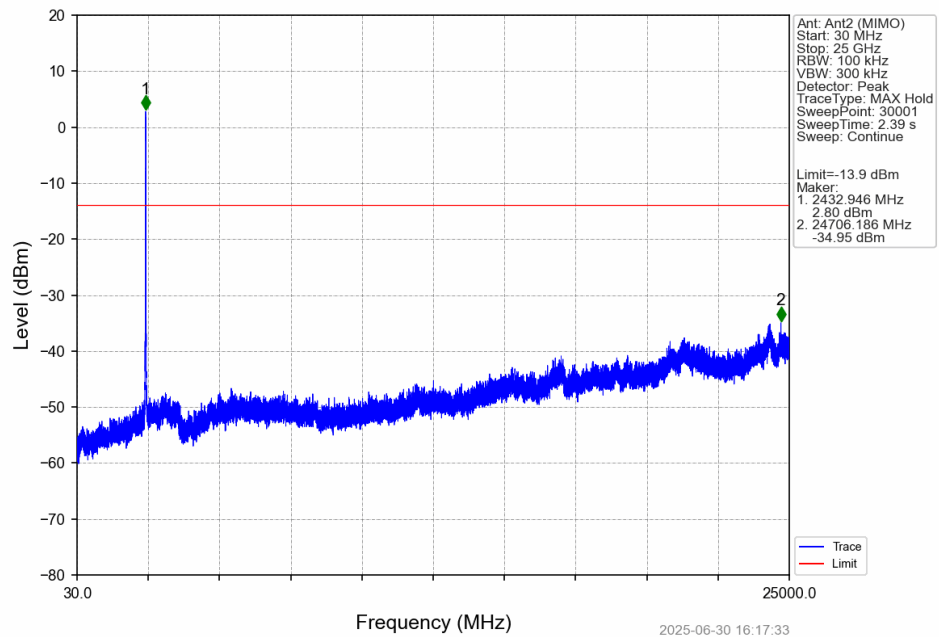
802.11n(HT20) LCH 2412MHz Ant2 (MIMO) NTNV



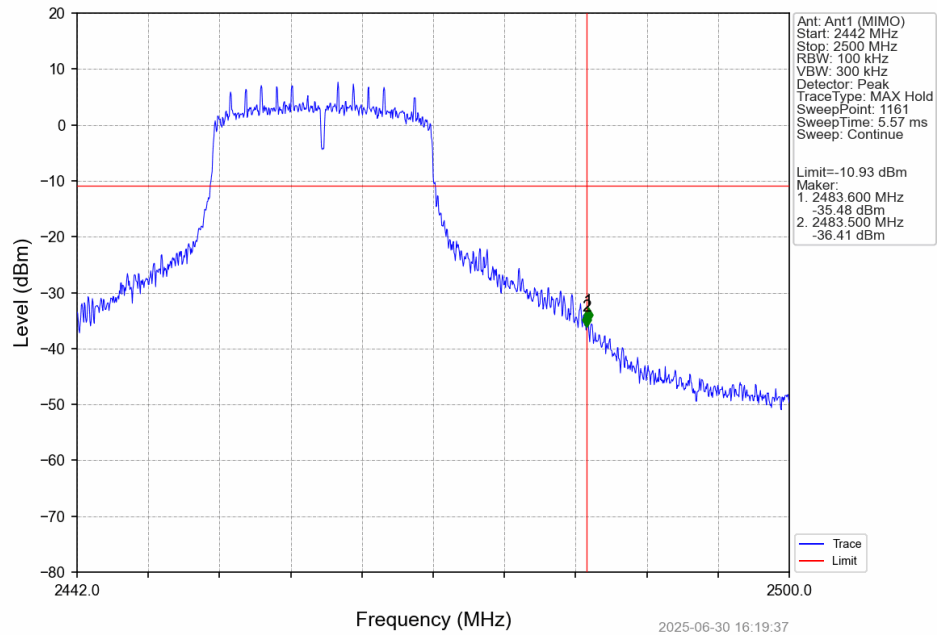
802.11n(HT20) MCH_2437MHz_Ant1 (MIMO) NTN



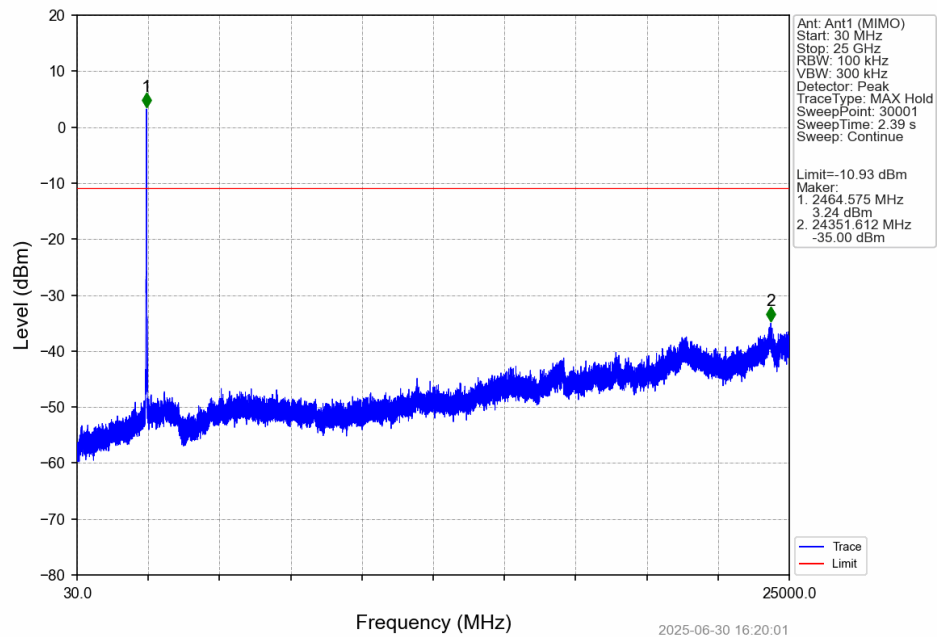
802.11n(HT20) MCH_2437MHz_Ant2 (MIMO) NTN



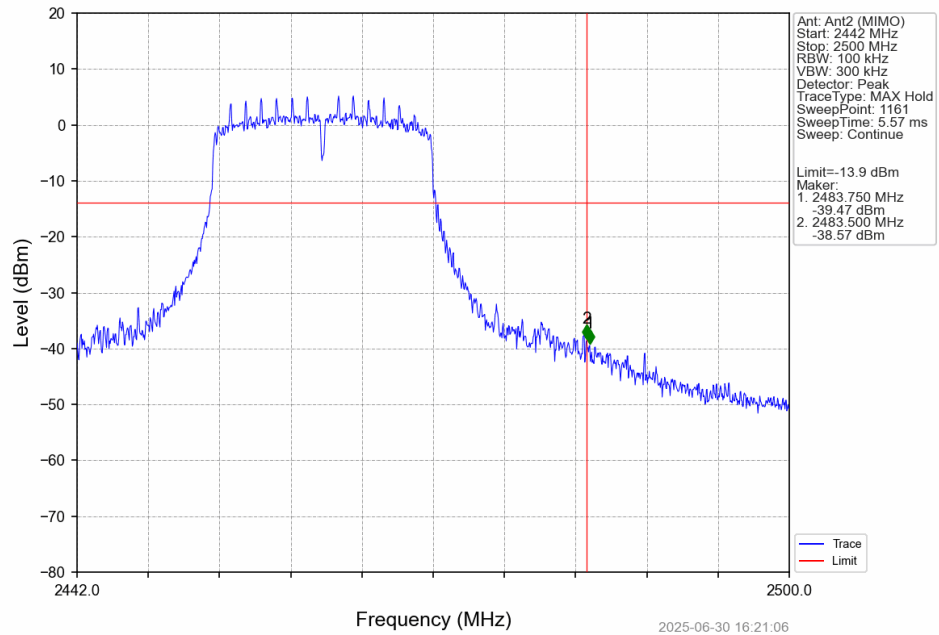
802.11n(HT20) HCH 2462MHz Ant1 (MIMO) NTN



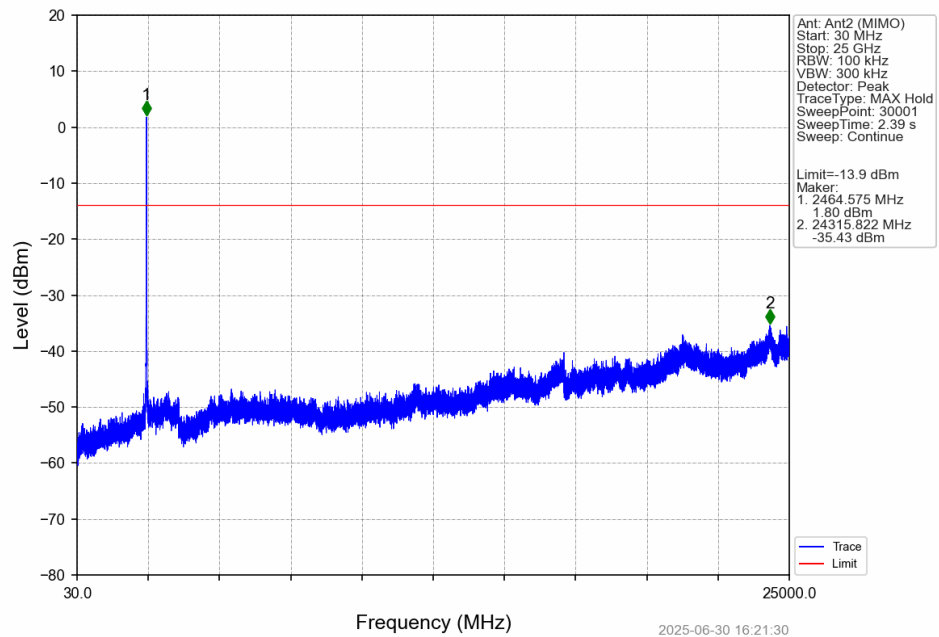
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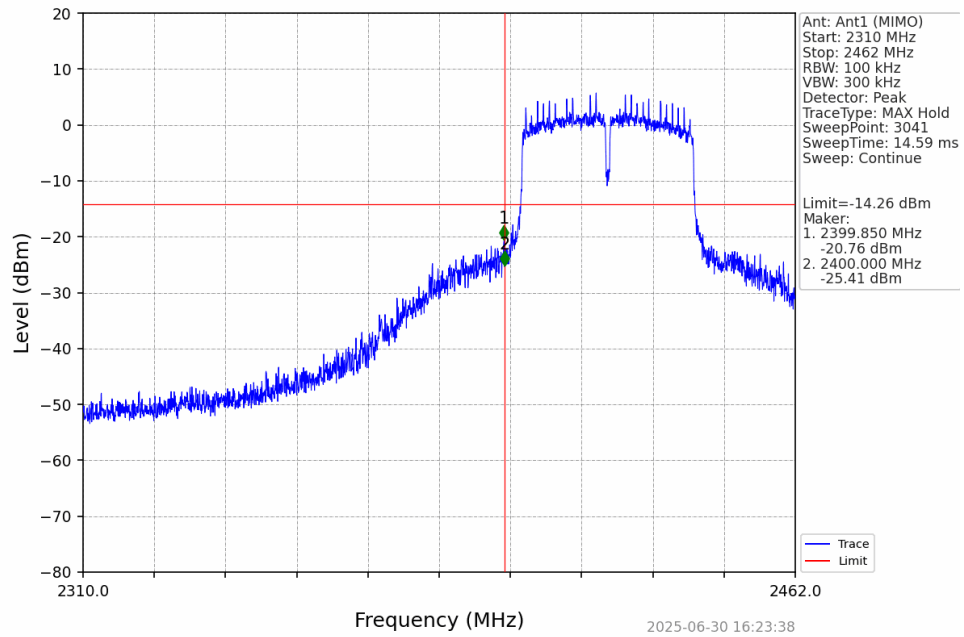
802.11n(HT20) HCH 2462MHz Ant2 (MIMO) NTN



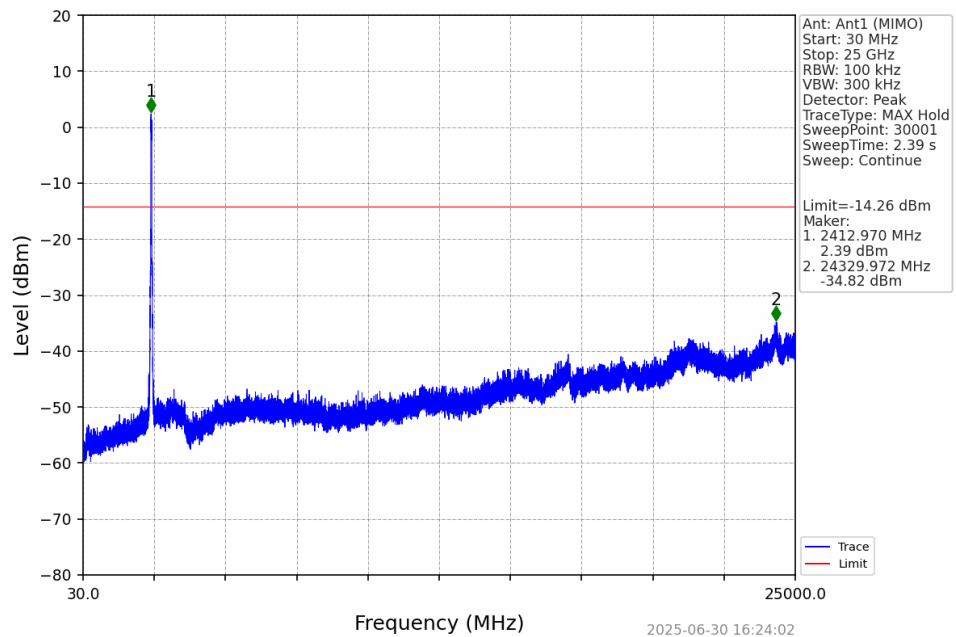
802.11n(HT20) HCH 2462MHz Ant2 (MIMO) NTN



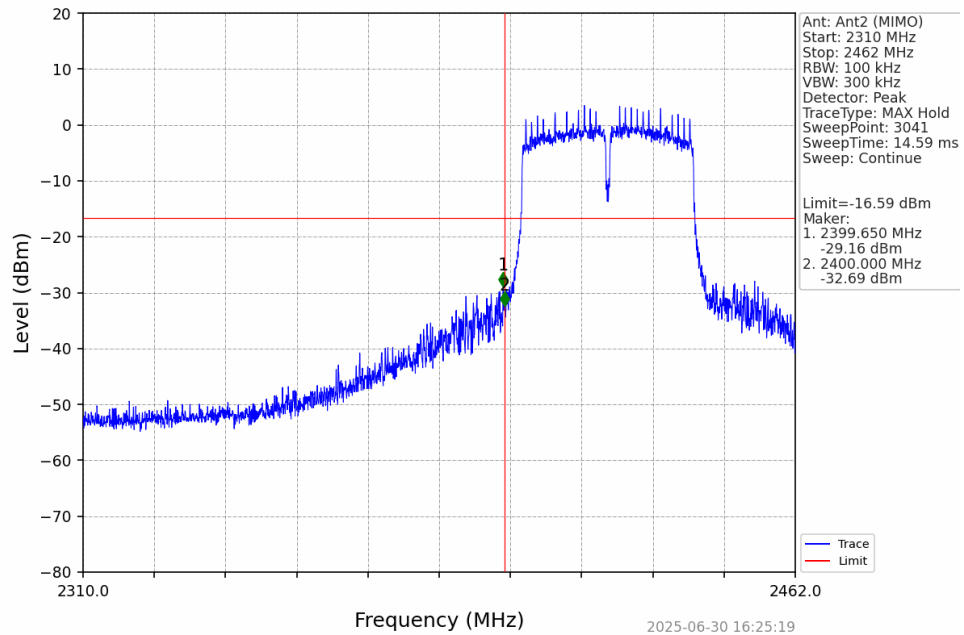
802.11n(HT40) LCH 2422MHz Ant1 (MIMO) NTNV



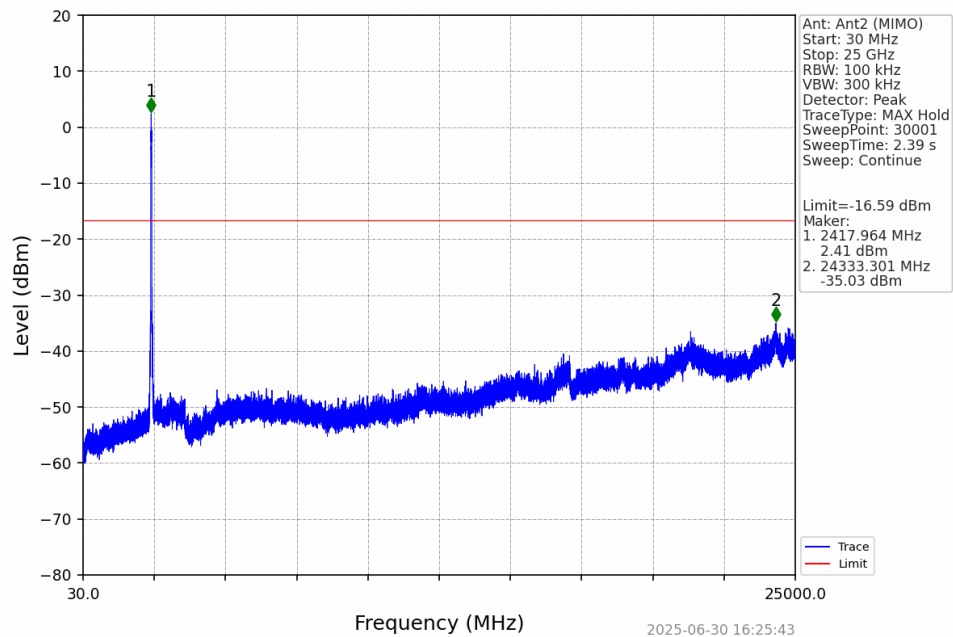
802.11n(HT40) LCH 2422MHz Ant1 (MIMO) NTNV



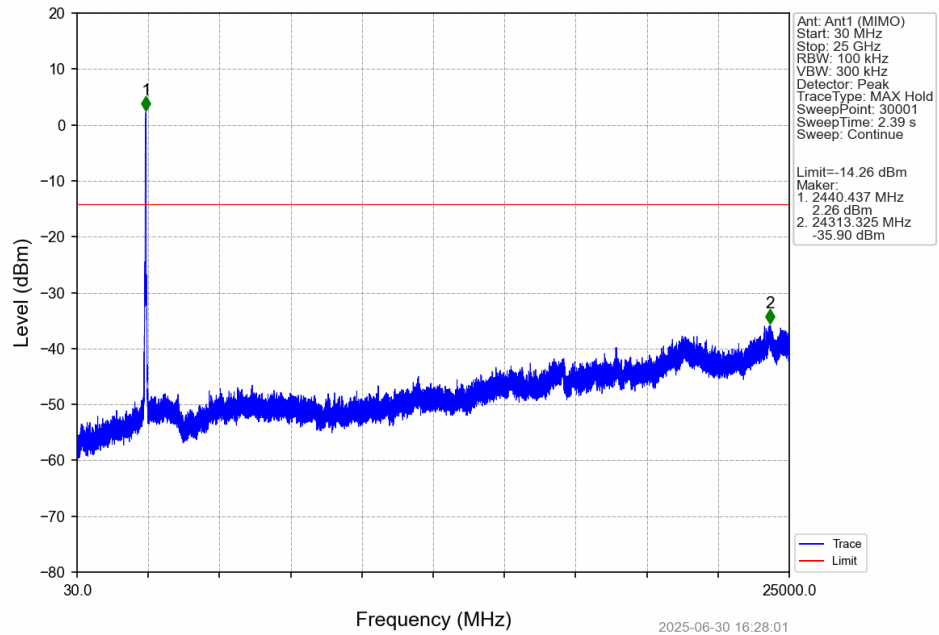
802.11n(HT40) LCH 2422MHz Ant2 (MIMO) NTN



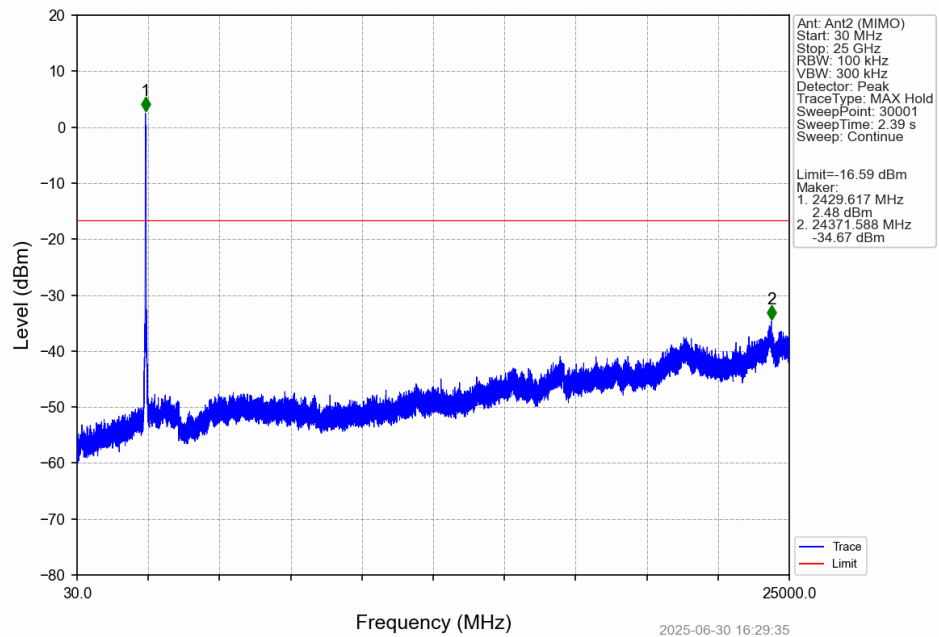
802.11n(HT40) LCH 2422MHz Ant2 (MIMO) NTN



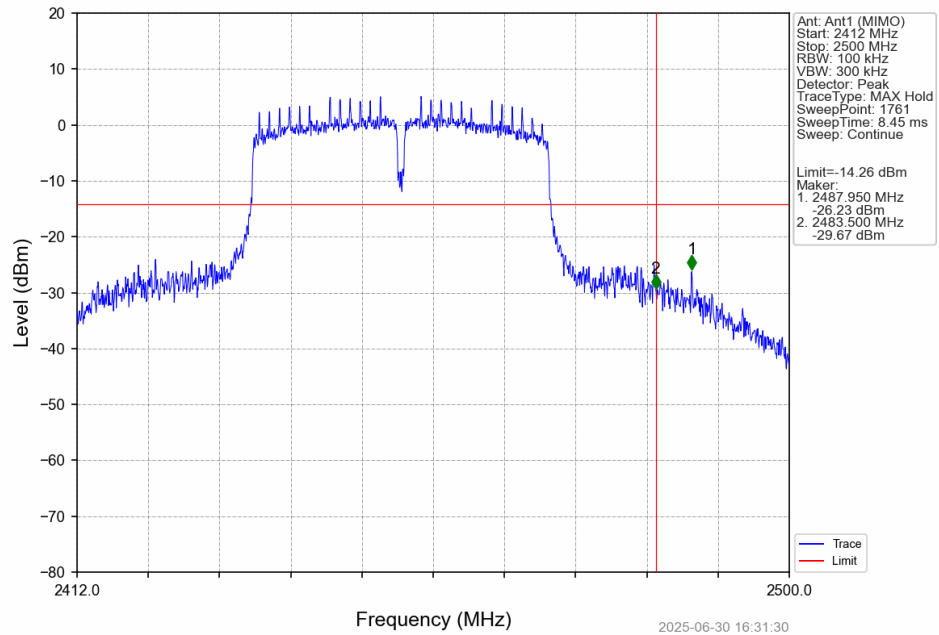
802.11n(HT40) MCH_2437MHz_Ant1 (MIMO) NTN



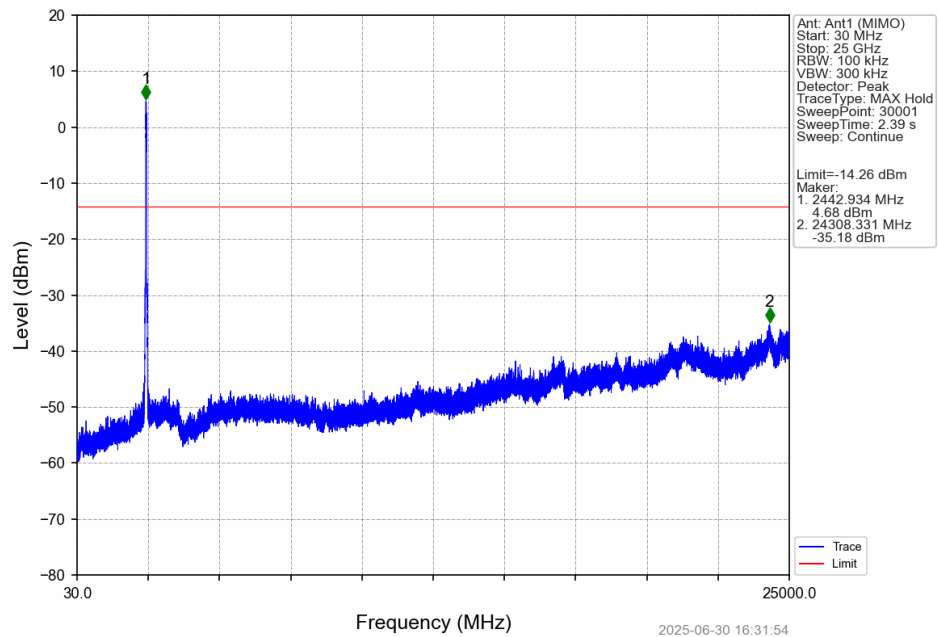
802.11n(HT40) MCH_2437MHz_Ant2 (MIMO) NTN



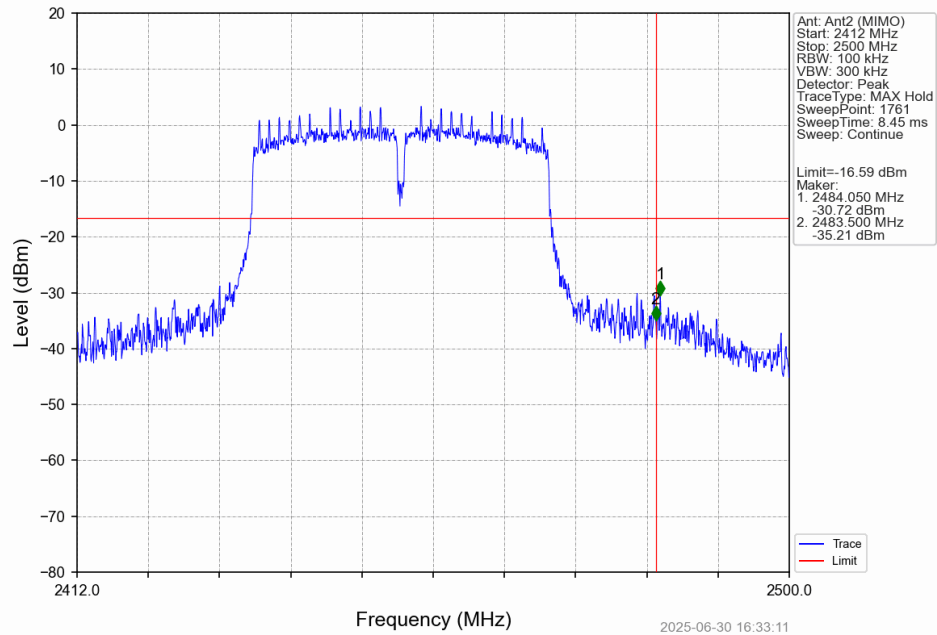
802.11n(HT40) HCH 2452MHz Ant1 (MIMO) NTN



802.11n(HT40) HCH 2452MHz Ant1 (MIMO) NTN



802.11n(HT40) HCH 2452MHz Ant2 (MIMO) NTNV



802.11n(HT40) HCH 2452MHz Ant2 (MIMO) NTNV

