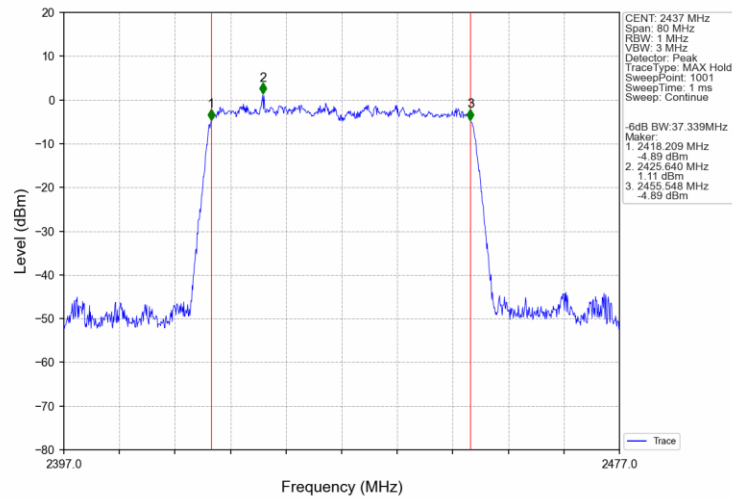
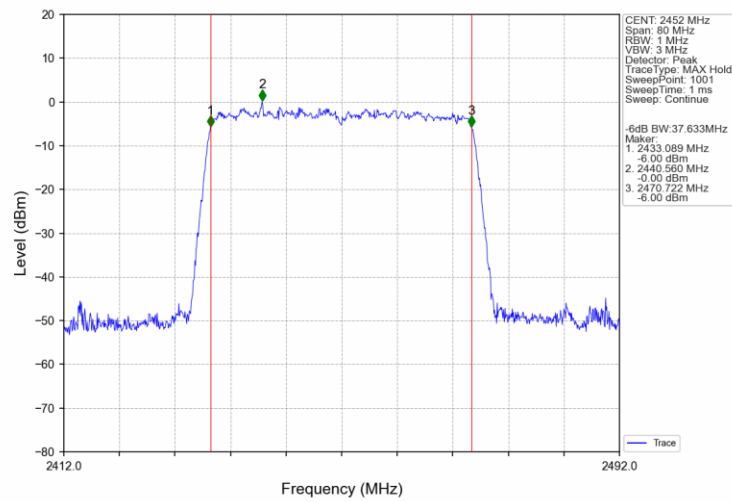


802.11ax(HEW40) MCH 2437MHz SU / Ant1 (MIMO) NTVN



802.11ax(HEW40) HCH 2452MHz SU / Ant1 (MIMO) NTVN



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Peak Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	/	/	14.01	14.31	/	<=30	Pass
		2437	/	/	13.65	13.75	/	<=30	Pass
		2462	/	/	13.39	13.43	/	<=30	Pass
802.11g	SISO	2412	/	/	14.20	14.54	/	<=30	Pass
		2437	/	/	13.66	14.25	/	<=30	Pass
		2462	/	/	13.59	13.95	/	<=30	Pass
802.11n (HT20)	MIMO	2412	/	/	14.20	14.23	17.23	<=29.36	Pass
		2437	/	/	13.62	13.92	16.78	<=29.36	Pass
		2462	/	/	13.62	13.68	16.66	<=29.36	Pass
802.11n (HT40)	MIMO	2422	/	/	13.89	14.16	17.04	<=29.36	Pass
		2437	/	/	13.66	14.00	16.84	<=29.36	Pass
		2452	/	/	13.58	13.99	16.80	<=29.36	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	16.37	16.29	19.34	<=29.36	Pass
		2437	SU	/	13.95	14.12	17.05	<=29.36	Pass
		2462	SU	/	13.88	14.02	16.96	<=29.36	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	12.90	13.06	15.99	<=29.36	Pass
		2437	SU	/	12.66	12.79	15.74	<=29.36	Pass
		2452	SU	/	12.51	12.81	15.67	<=29.36	Pass
Note1: Antenna Gain: Ant1: 3.63dBi; Ant2: 3.63dBi; Note2: Directional Gain: 6.64dBi									

4. Maximum Power Spectral Density

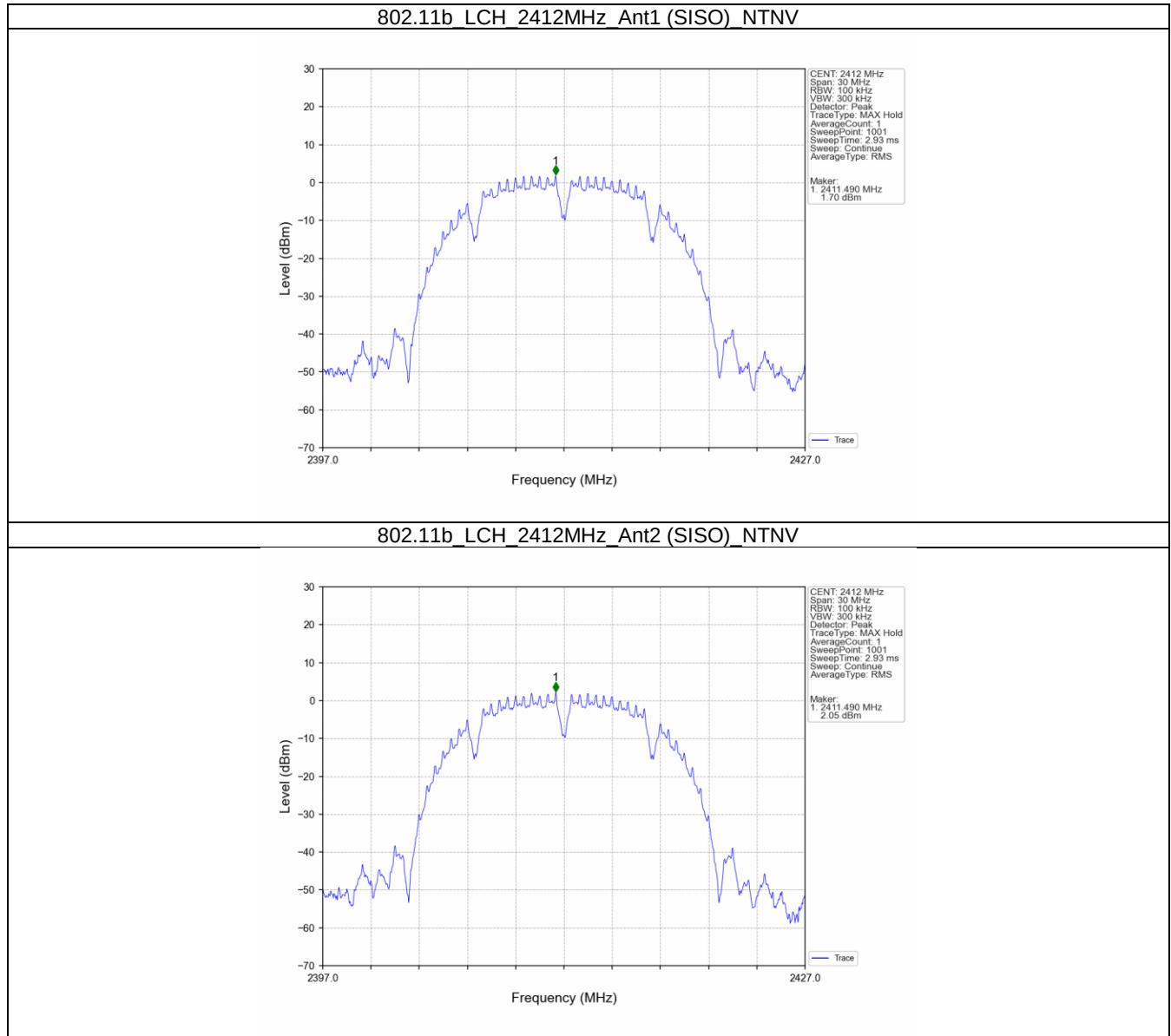
4.1 Test Result

4.1.1 PSD

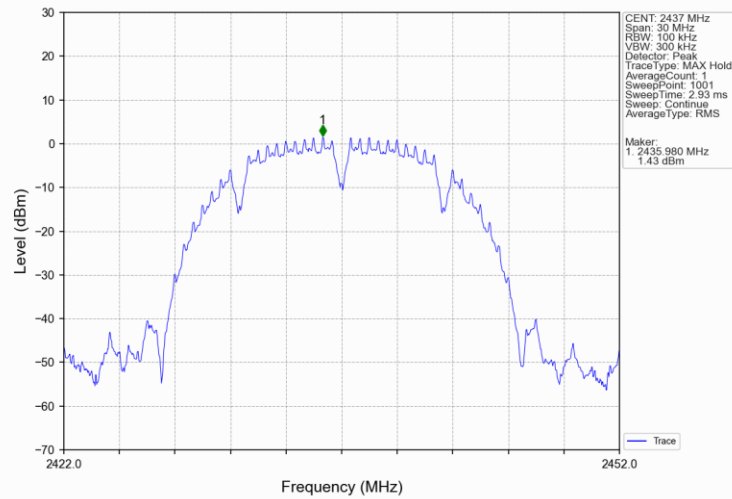
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit(dBm/3kHz)	
802.11b	SISO	2412	/	/	1.70	2.05	/	<=8	Pass
		2437	/	/	1.43	1.33	/	<=8	Pass
		2462	/	/	1.20	1.09	/	<=8	Pass
802.11g	SISO	2412	/	/	-4.78	-4.55	/	<=8	Pass
		2437	/	/	-5.00	-4.90	/	<=8	Pass
		2462	/	/	-5.17	-5.26	/	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-4.38	-4.80	-1.60	<=7.36	Pass
		2437	/	/	-5.15	-4.77	-2.04	<=7.36	Pass
		2462	/	/	-5.10	-5.33	-2.42	<=7.36	Pass
802.11n (HT40)	MIMO	2422	/	/	-7.80	-7.55	-4.79	<=7.36	Pass
		2437	/	/	-7.92	-7.63	-4.99	<=7.36	Pass
		2452	/	/	-8.12	-7.56	-5.05	<=7.36	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	-5.10	-4.85	-2.12	<=7.36	Pass
		2437	SU	/	-6.76	-6.39	-3.94	<=7.36	Pass
		2462	SU	/	-7.22	-7.39	-4.31	<=7.36	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	-9.76	-9.73	-6.90	<=7.36	Pass
		2437	SU	/	-10.02	-9.68	-6.93	<=7.36	Pass
		2452	SU	/	-10.04	-10.03	-7.07	<=7.36	Pass
Note1: Antenna Gain: Ant1: 3.63dBi; Ant2: 3.63dBi; Note2: Directional Gain: 3.63dBi									

4.2 Test Graph

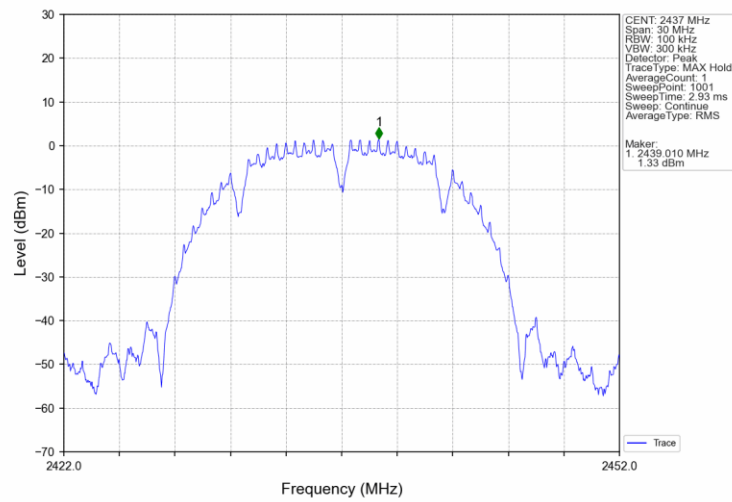
4.2.1 PSD



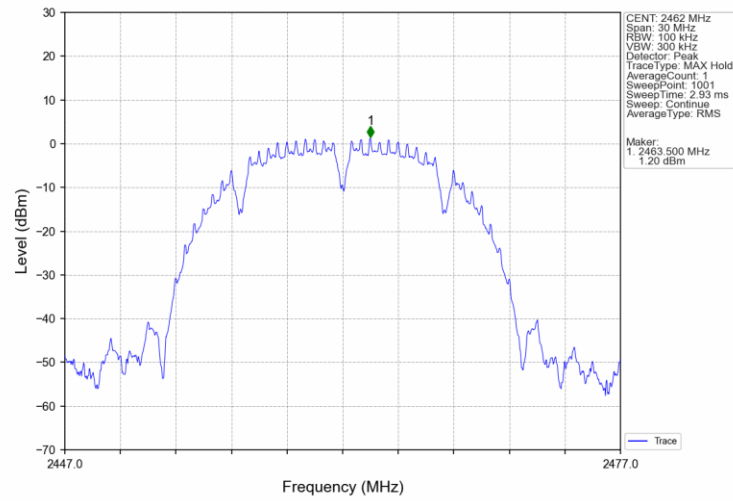
802.11b MCH 2437MHz Ant1 (SISO) NTN



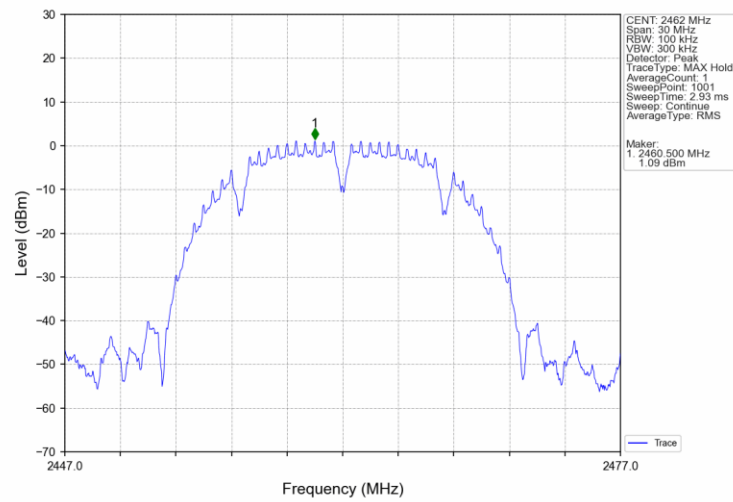
802.11b MCH 2437MHz Ant2 (SISO) NTN



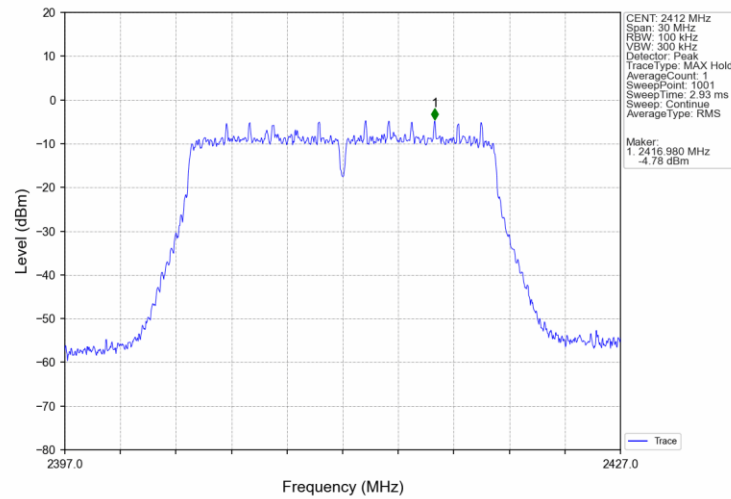
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



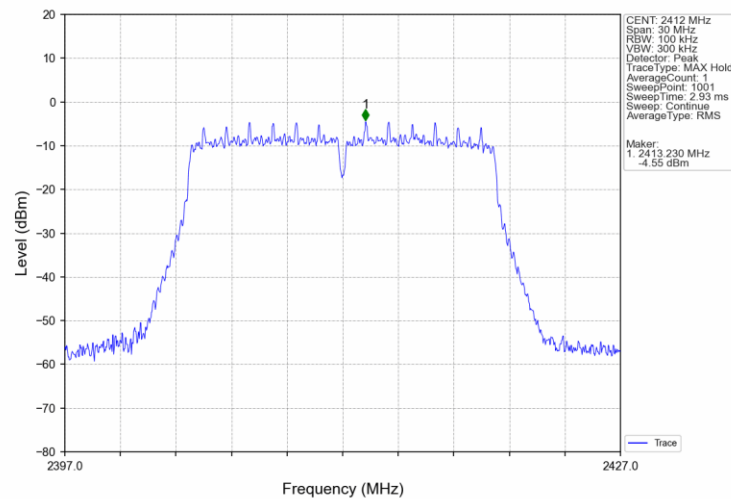
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



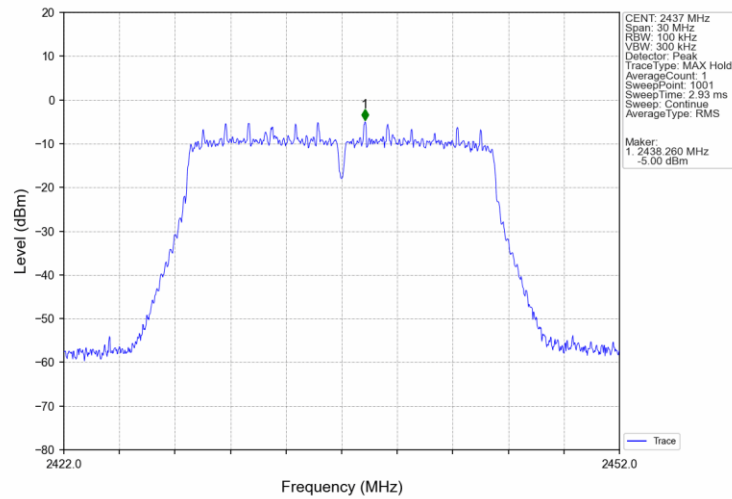
802.11g LCH 2412MHz_Ant1 (SISO) NTNv



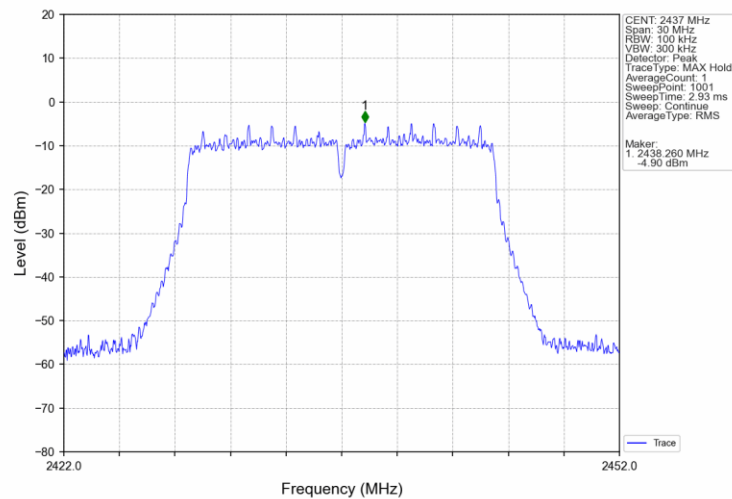
802.11g LCH 2412MHz_Ant2 (SISO) NTNv



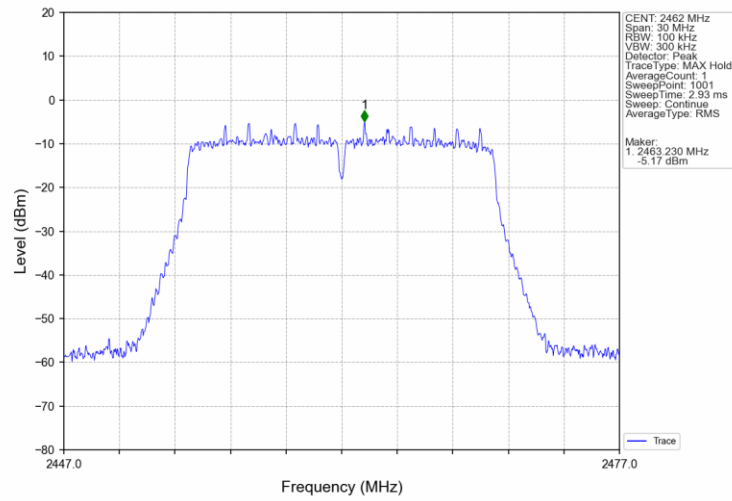
802.11g_MCH_2437MHz_Ant1 (SISO) NTNv



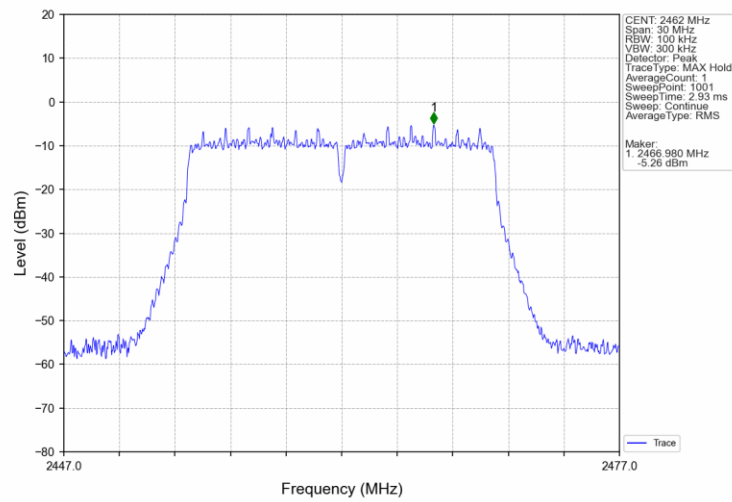
802.11g_MCH_2437MHz_Ant2 (SISO) NTNv



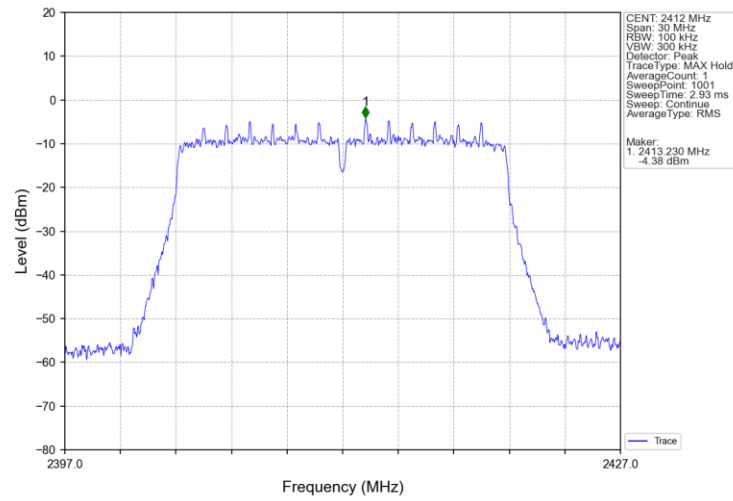
802.11g HCH 2462MHz_Ant1 (SISO)_NTNV



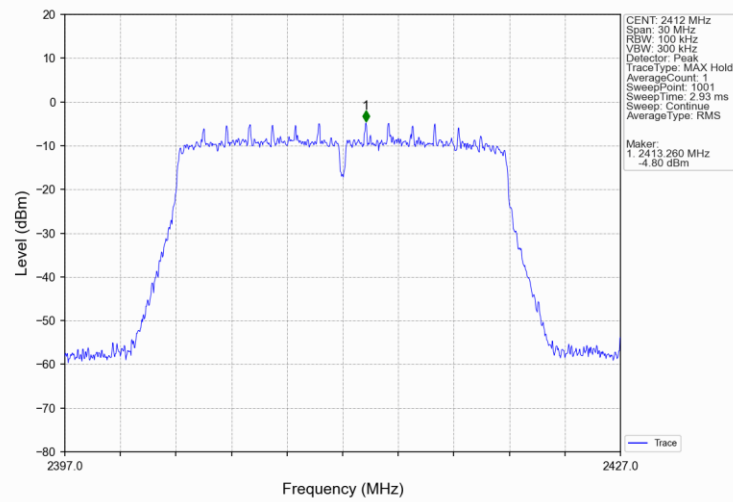
802.11g HCH 2462MHz_Ant2 (SISO)_NTNV



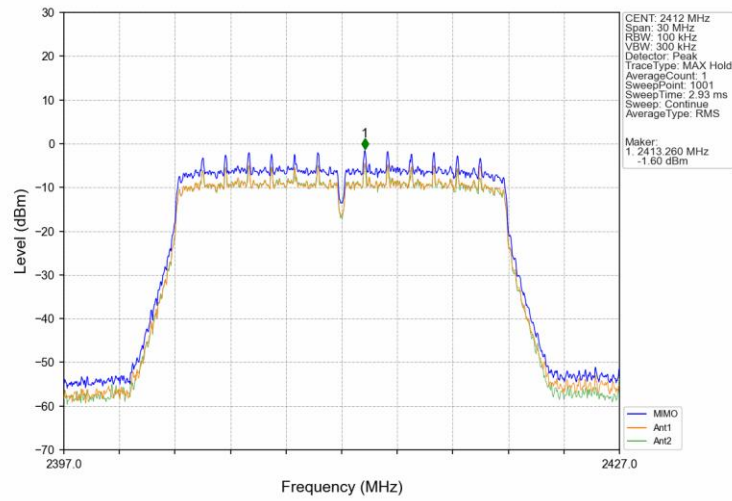
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



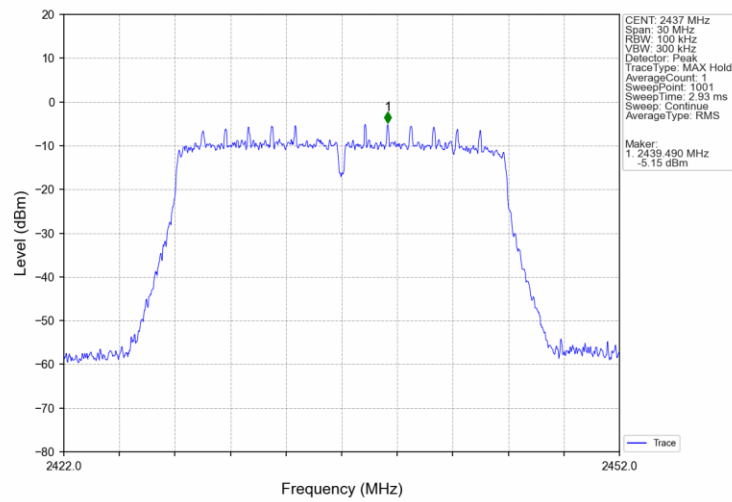
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



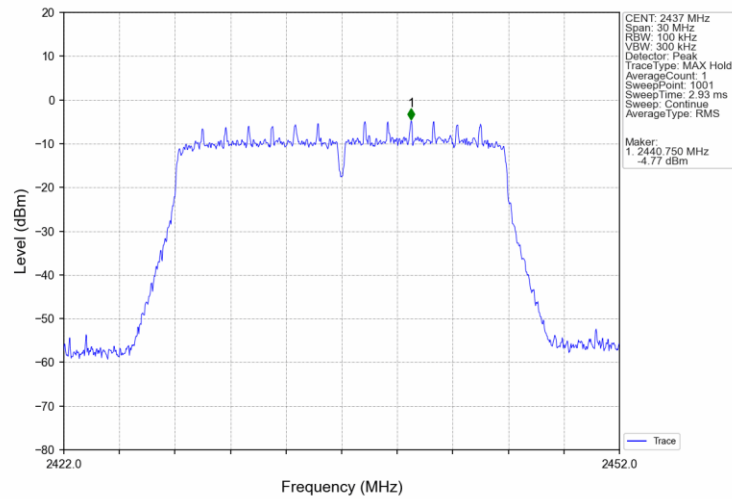
802.11n(HT20) LCH 2412MHz MIMO NTN



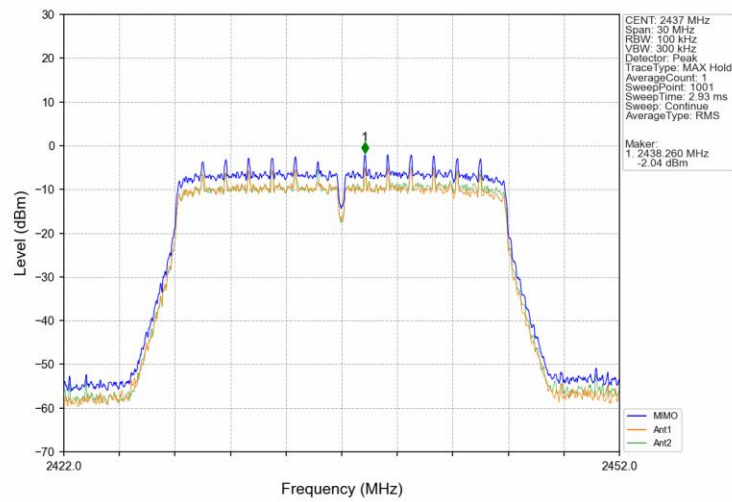
802.11n(HT20) MCH 2437MHz Ant1 (MIMO) NTN



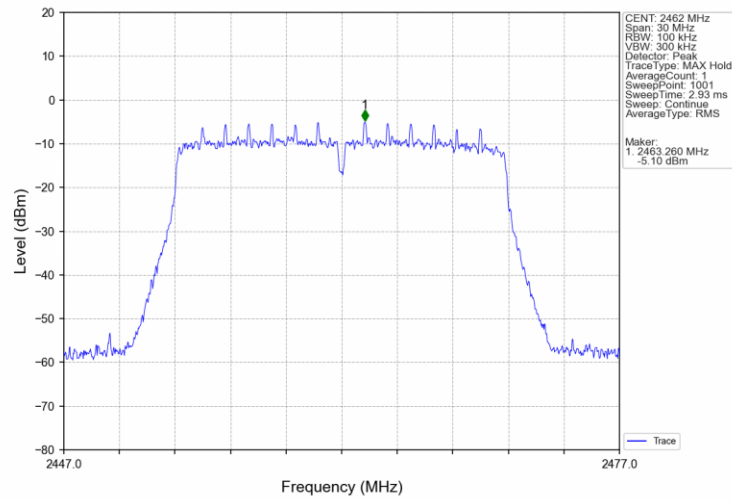
802.11n(HT20) MCH 2437MHz Ant2 (MIMO) NTNV



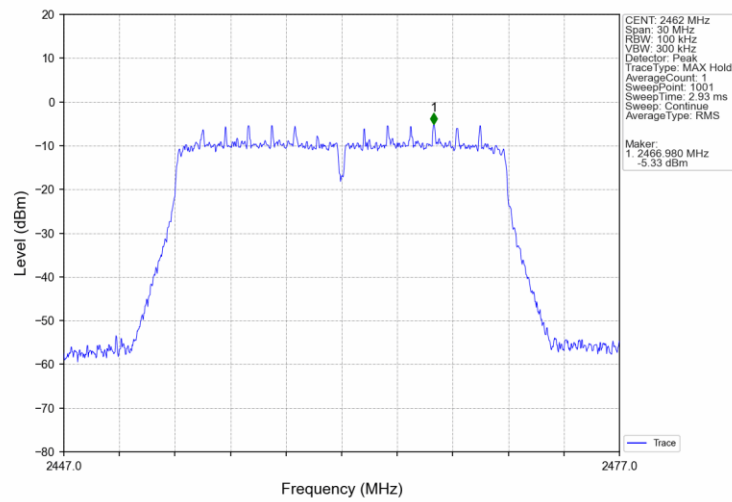
802.11n(HT20) MCH 2437MHz MIMO NTNV



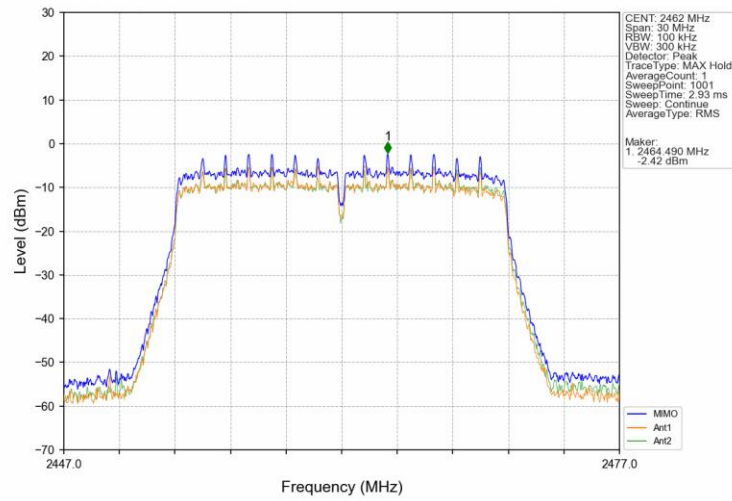
802.11n(HT20) HCH 2462MHz_Ant1 (MIMO) NTNV



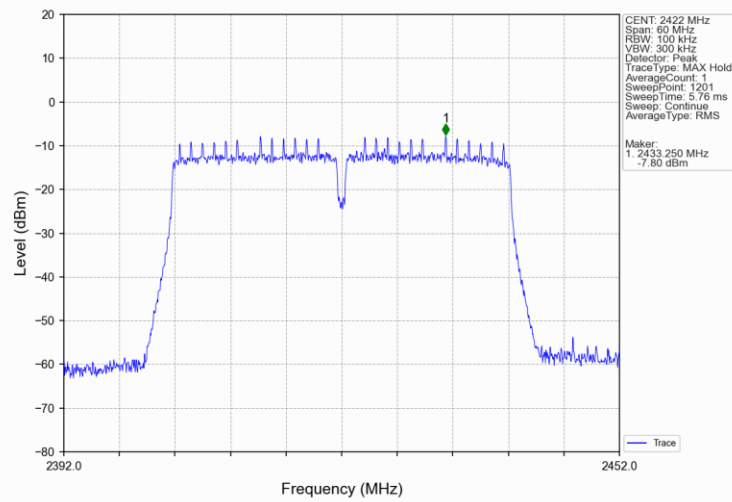
802.11n(HT20) HCH 2462MHz_Ant2 (MIMO) NTNV



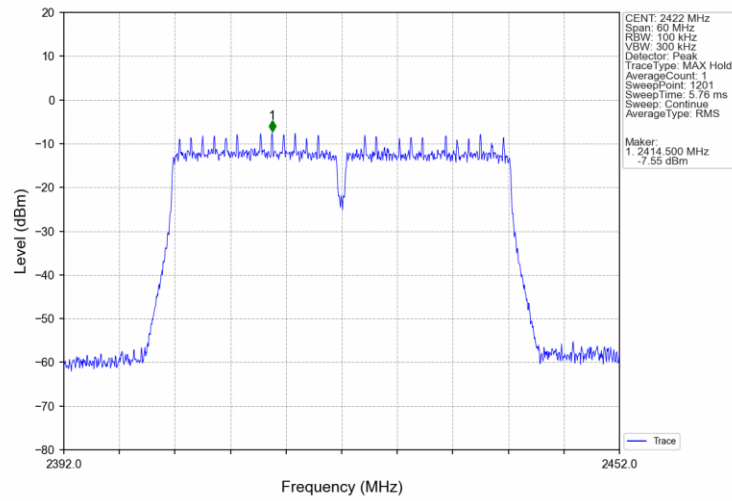
802.11n(HT20) HCH_2462MHz MIMO_NTNV



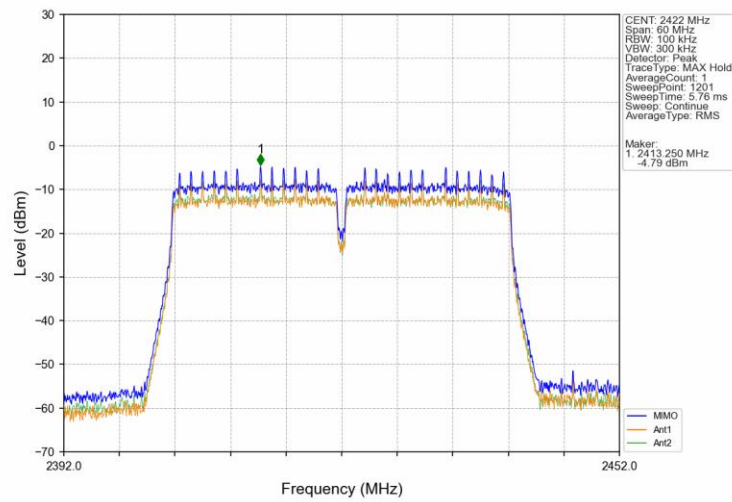
802.11n(HT40) LCH_2422MHz_Ant1 (MIMO)_NTNV



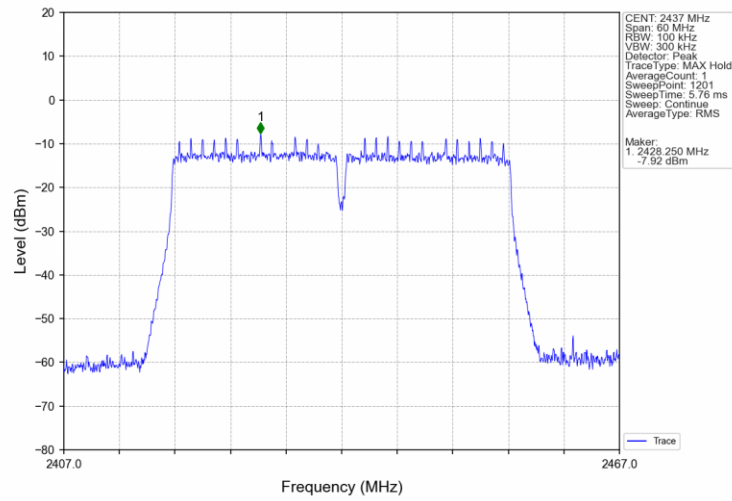
802.11n(HT40) LCH 2422MHz Ant2 (MIMO) NTNV



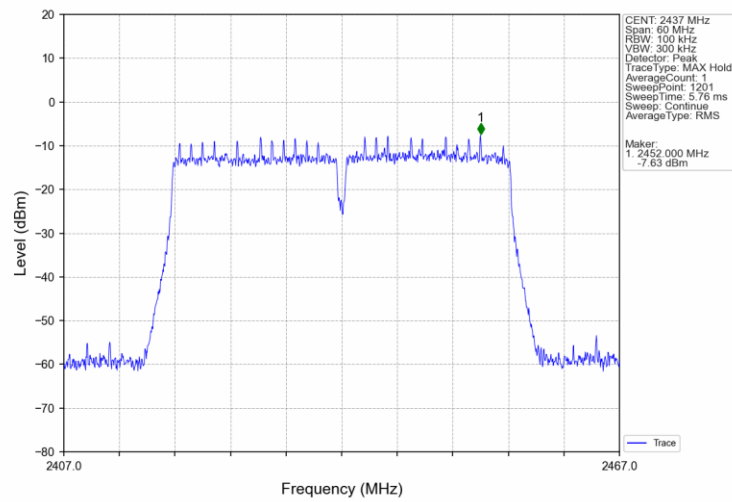
802.11n(HT40) LCH 2422MHz MIMO NTNV



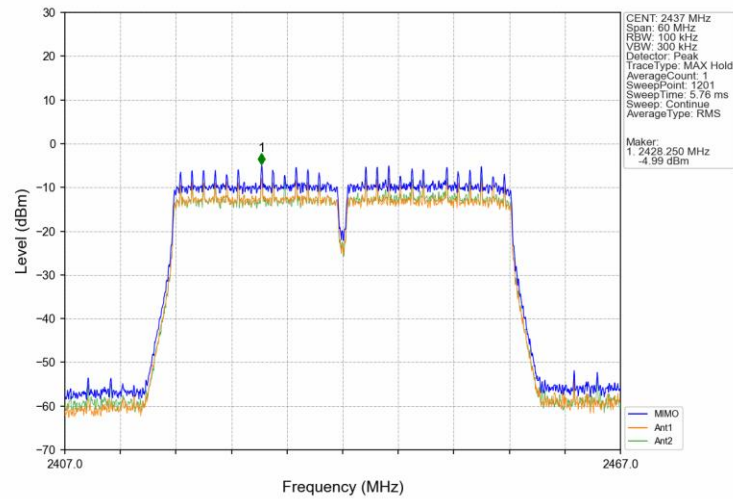
802.11n(HT40) MCH 2437MHz Ant1 (MIMO) NTNV



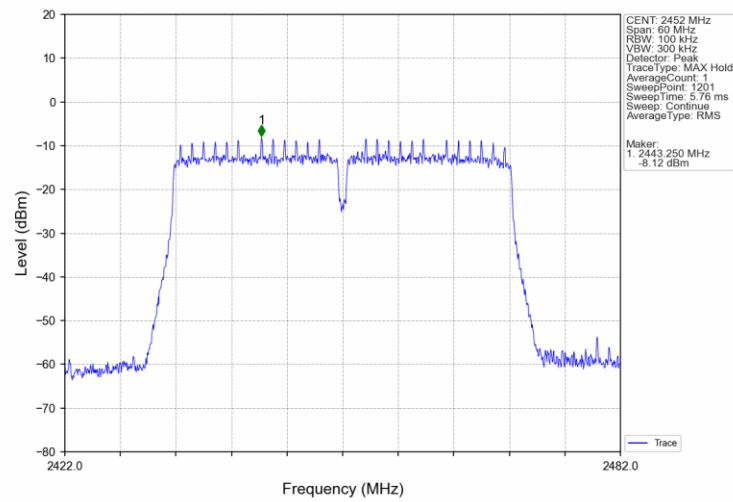
802.11n(HT40) MCH 2437MHz Ant2 (MIMO) NTNV



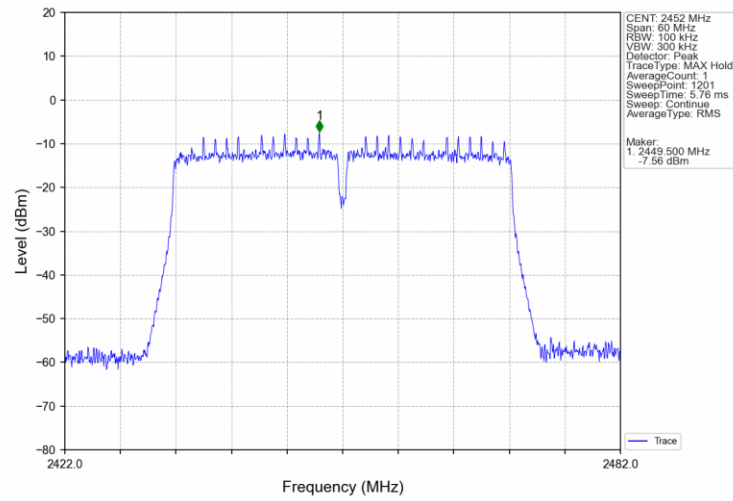
802.11n(HT40) MCH_2437MHz MIMO_NTNV



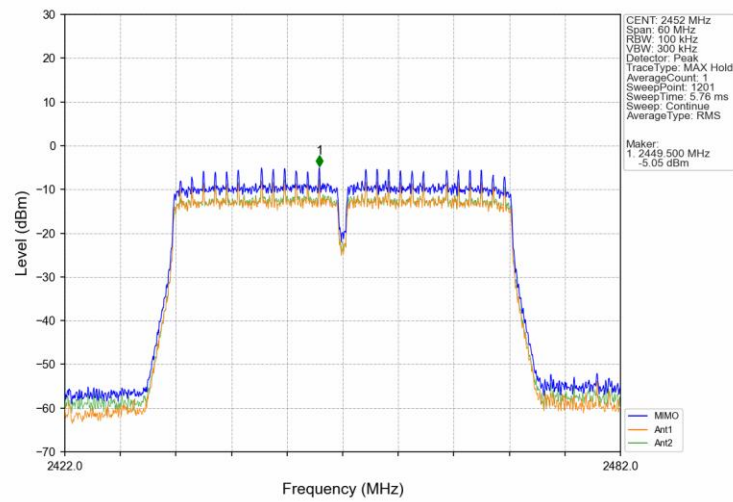
802.11n(HT40) HCH_2452MHz_Ant1 (MIMO)_NTNV



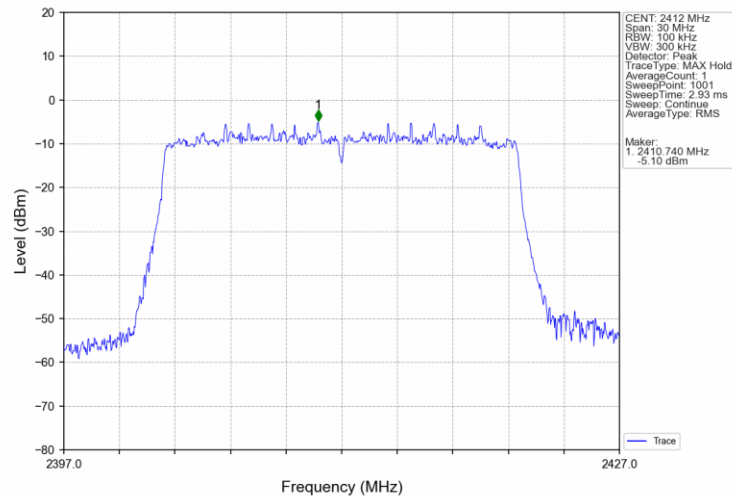
802.11n(HT40) HCH 2452MHz Ant2 (MIMO) NTNV



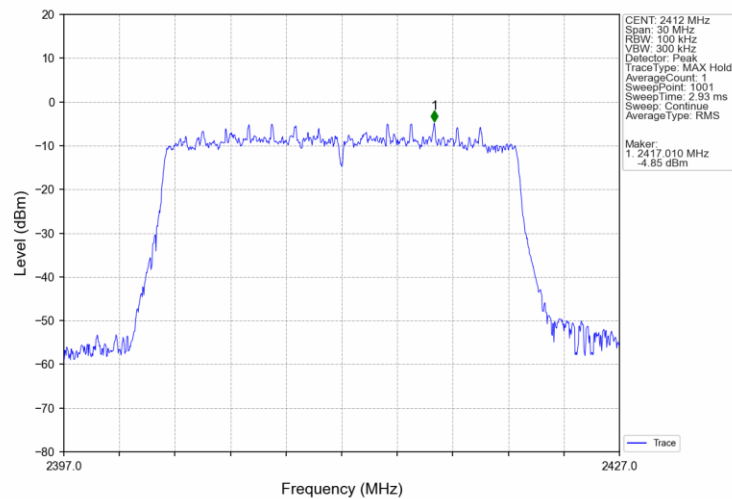
802.11n(HT40) HCH 2452MHz MIMO NTNV



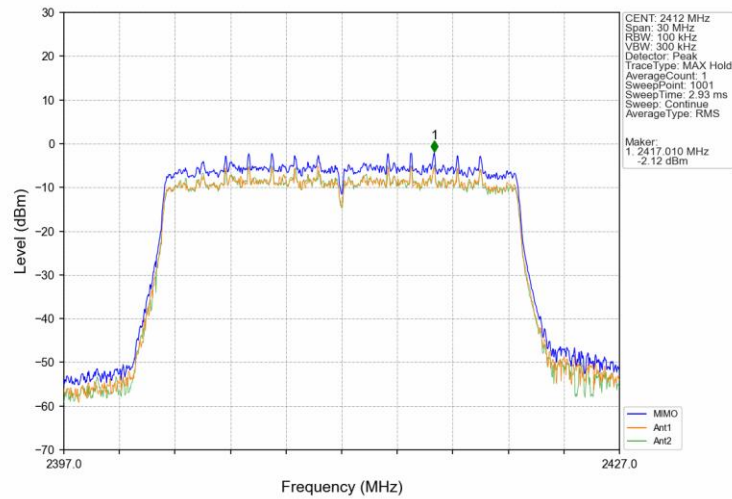
802.11ax(HEW20) LCH 2412MHz SU / Ant1 (MIMO) NTN



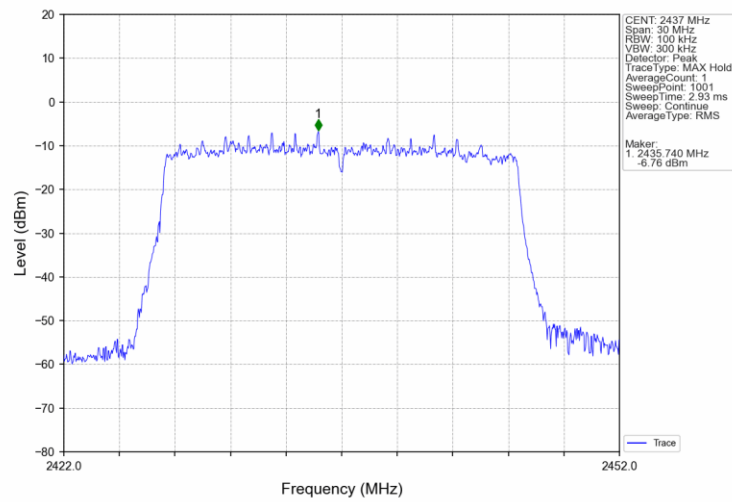
802.11ax(HEW20) LCH 2412MHz SU / Ant2 (MIMO) NTN



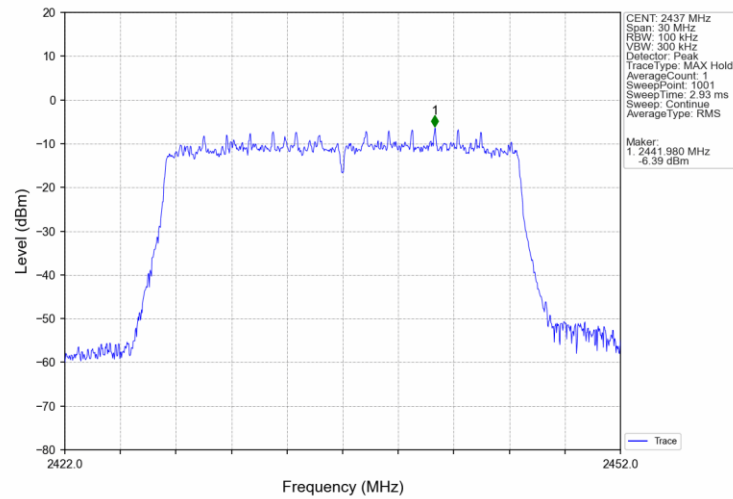
802.11ax(HEW20) LCH 2412MHz SU / MIMO NTN



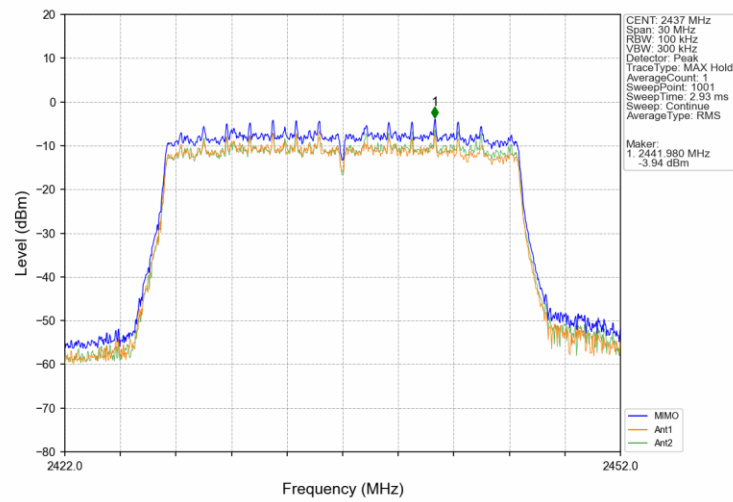
802.11ax(HEW20) MCH 2437MHz SU / Ant1 (MIMO) NTN



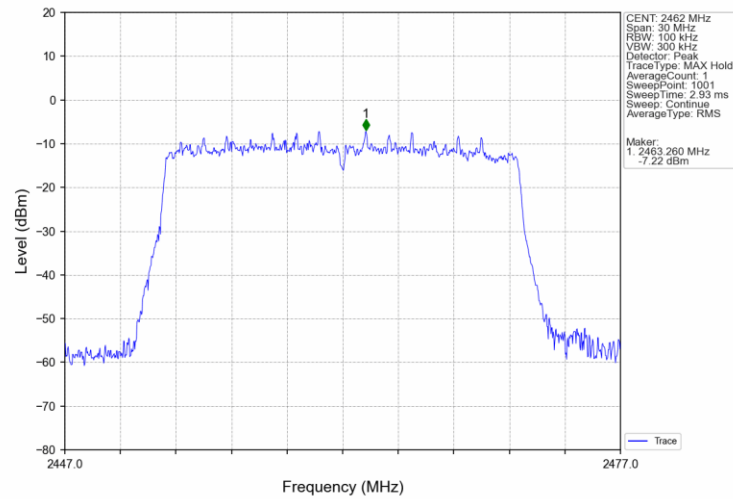
802.11ax(HEW20) MCH 2437MHz SU / Ant2 (MIMO) NTN



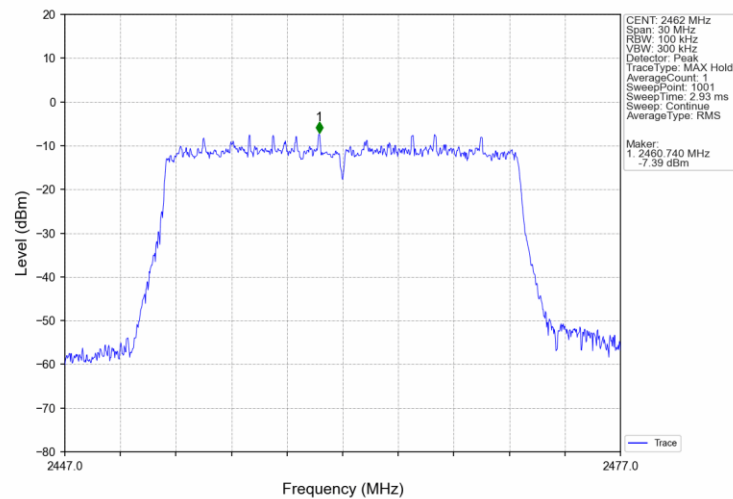
802.11ax(HEW20) MCH 2437MHz SU / MIMO NTN



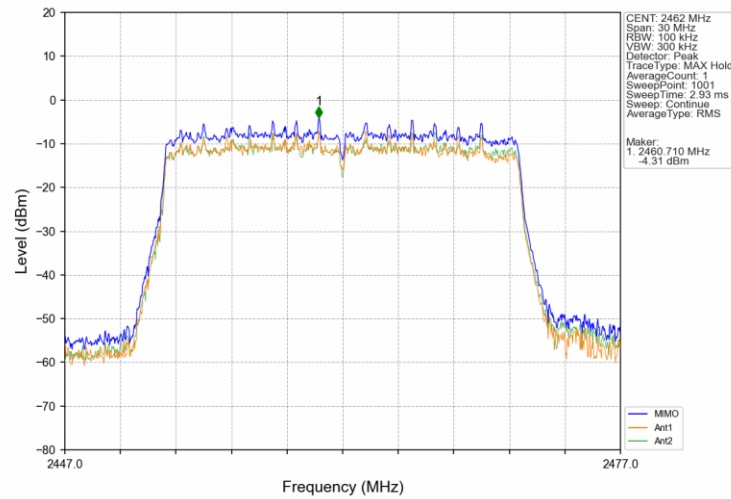
802.11ax(HEW20) HCH 2462MHz SU / Ant1 (MIMO) NTN



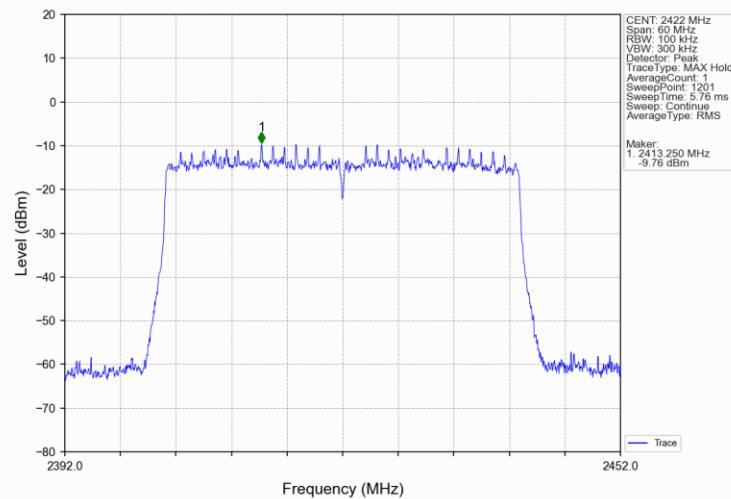
802.11ax(HEW20) HCH 2462MHz SU / Ant2 (MIMO) NTN



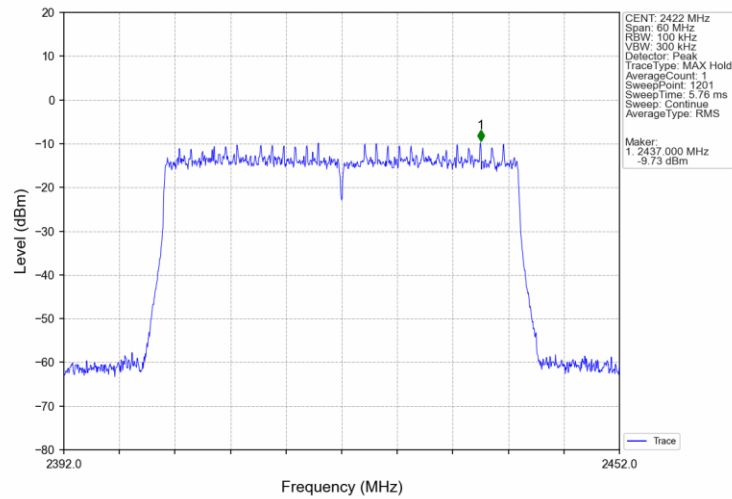
802.11ax(HEW20) HCH 2462MHz SU / MIMO NTN



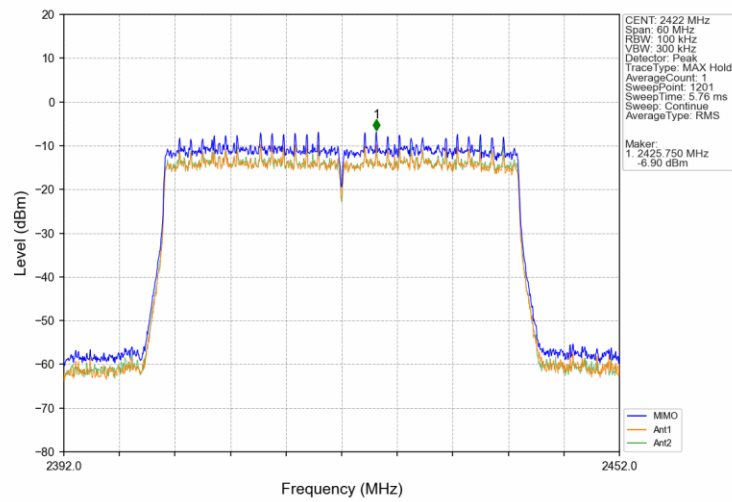
802.11ax(HEW40) LCH 2422MHz SU / Ant1 (MIMO) NTN



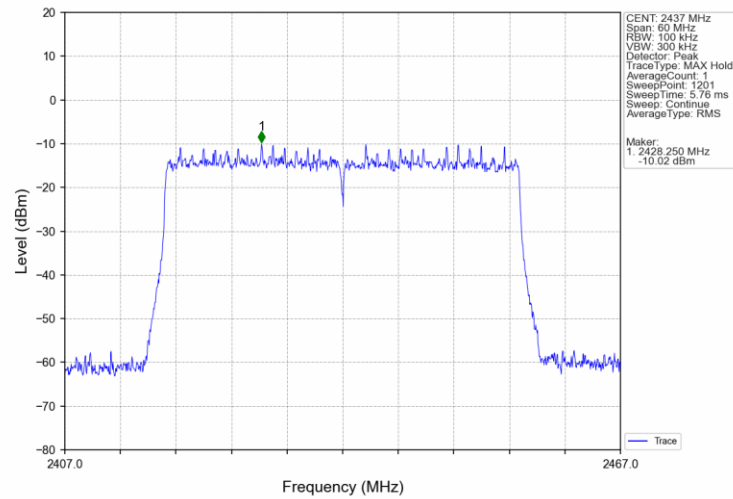
802.11ax(HEW40) LCH 2422MHz SU / Ant2 (MIMO) NTN



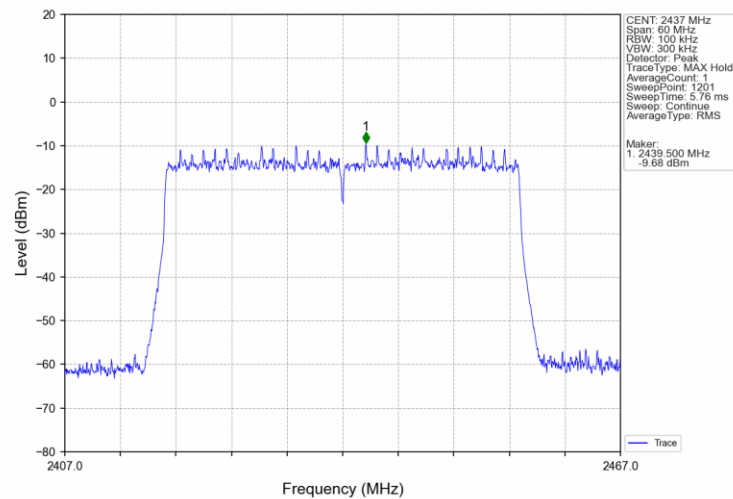
802.11ax(HEW40) LCH 2422MHz SU / MIMO NTN



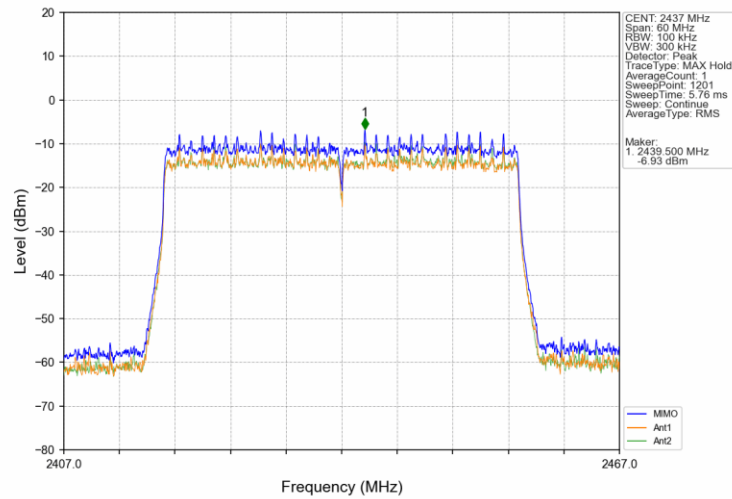
802.11ax(HEW40) MCH 2437MHz SU / Ant1 (MIMO) NTNV



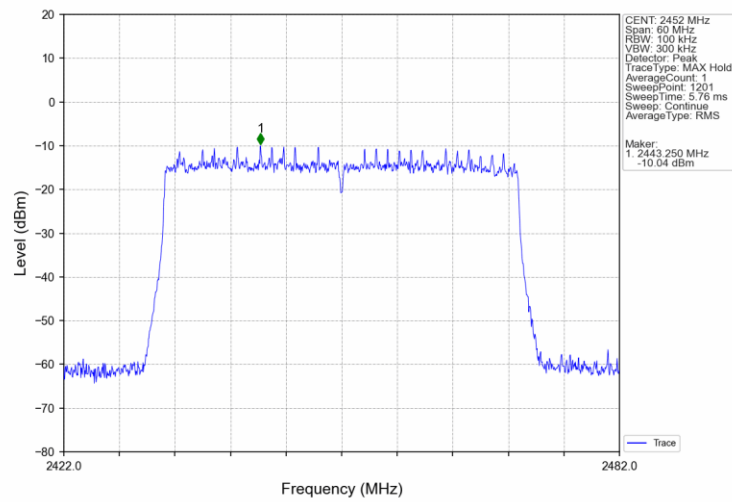
802.11ax(HEW40) MCH 2437MHz SU / Ant2 (MIMO) NTNV



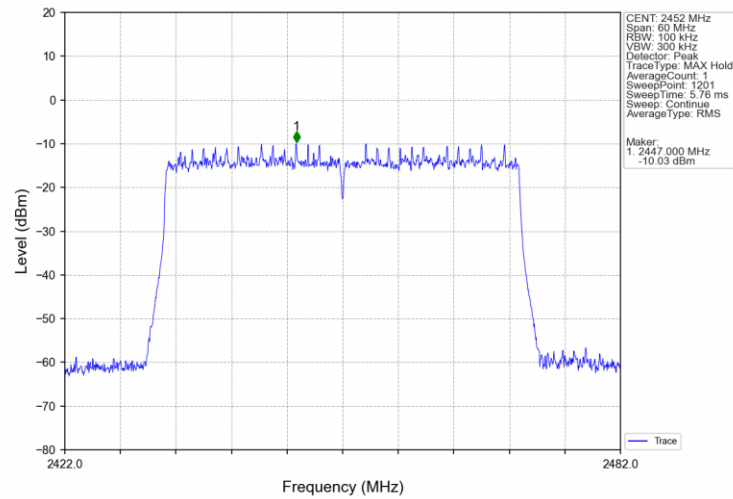
802.11ax(HEW40) MCH 2437MHz SU / MIMO NTN



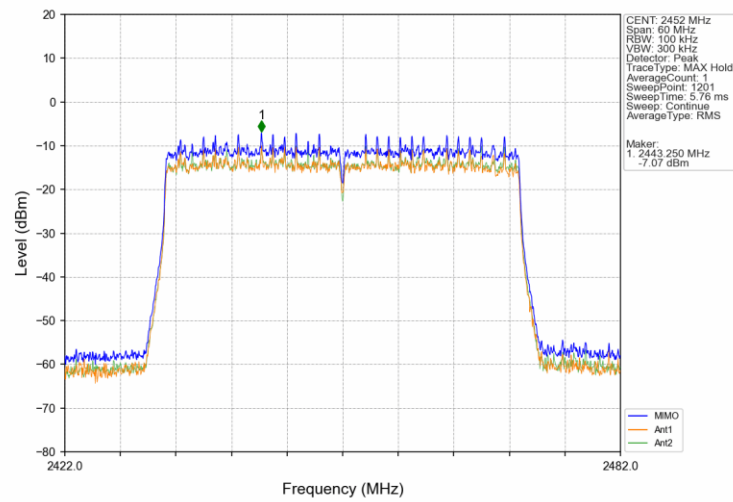
802.11ax(HEW40) HCH 2452MHz SU / Ant1 (MIMO) NTN



802.11ax(HEW40) HCH 2452MHz SU / Ant2 (MIMO) NTN



802.11ax(HEW40) HCH 2452MHz SU / MIMO NTN



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	1.61
					2	1.95
		2437	/	/	1	1.26
					2	1.37
		2462	/	/	1	1.03
					2	1.12
802.11g	SISO	2412	/	/	1	-4.62
					2	-4.66
		2437	/	/	1	-5.30
					2	-4.46
		2462	/	/	1	-5.06
					2	-5.26
802.11n (HT20)	MIMO	2412	/	/	1	-4.91
					2	-4.74
		2437	/	/	1	-5.28
					2	-4.69
		2462	/	/	1	-4.88
					2	-5.27
802.11n (HT40)	MIMO	2422	/	/	1	-7.84
					2	-7.66
		2437	/	/	1	-7.82
					2	-7.92
		2452	/	/	1	-8.37
					2	-7.67
802.11ax (HEW20)	MIMO	2412	SU	/	1	-4.79
					2	-4.92
		2437	SU	/	1	-6.93
					2	-6.80
		2462	SU	/	1	-6.90
					2	-6.79
802.11ax (HEW40)	MIMO	2422	SU	/	1	-9.65
					2	-9.44
		2437	SU	/	1	-9.96
					2	-10.00
		2452	SU	/	1	-10.15
					2	-10.19

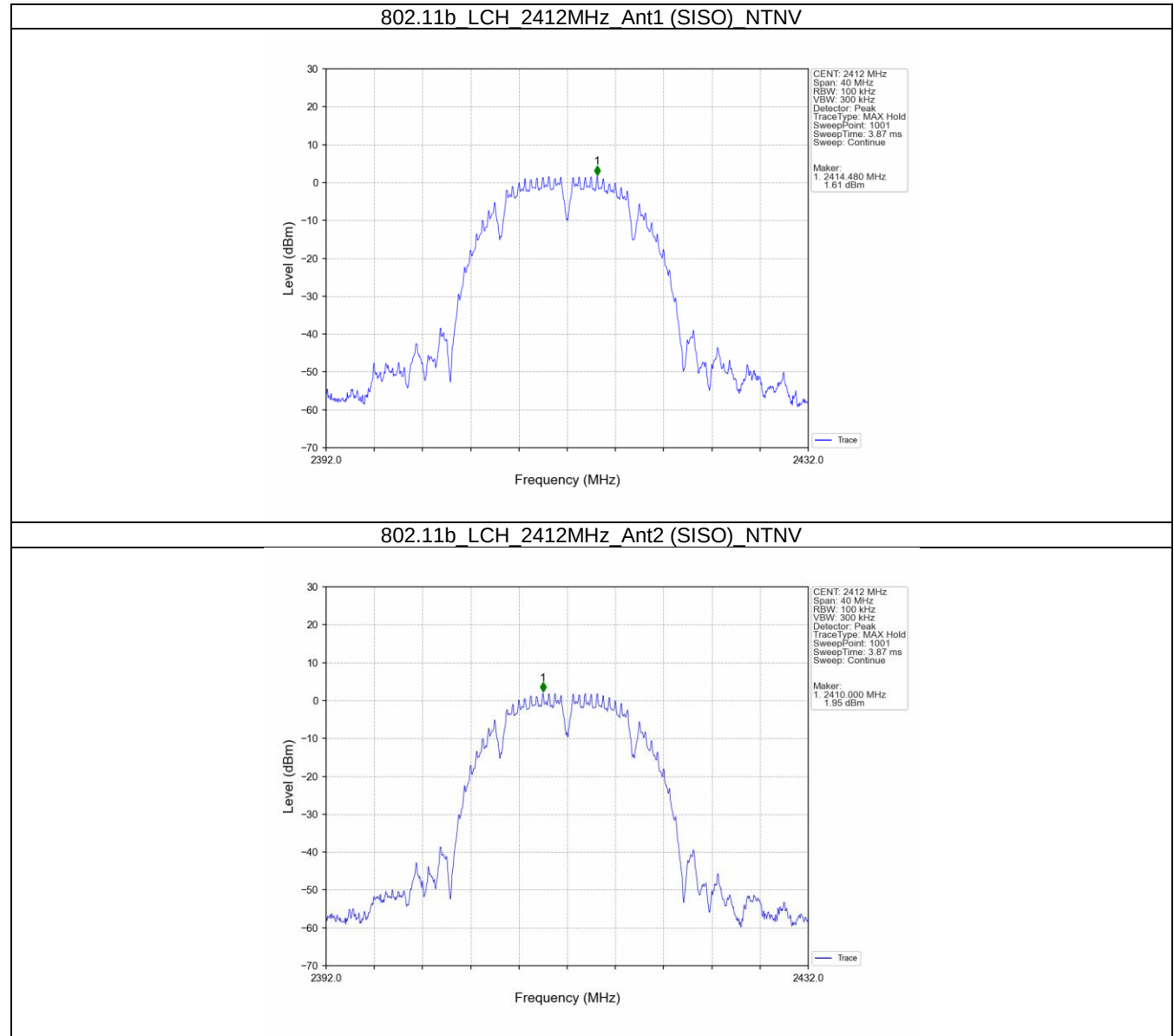
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	1.61	-18.39	Pass
					2	1.95	-18.05	Pass
		2437	/	/	1	1.26	-18.74	Pass
					2	1.37	-18.63	Pass
		2462	/	/	1	1.03	-18.97	Pass
					2			

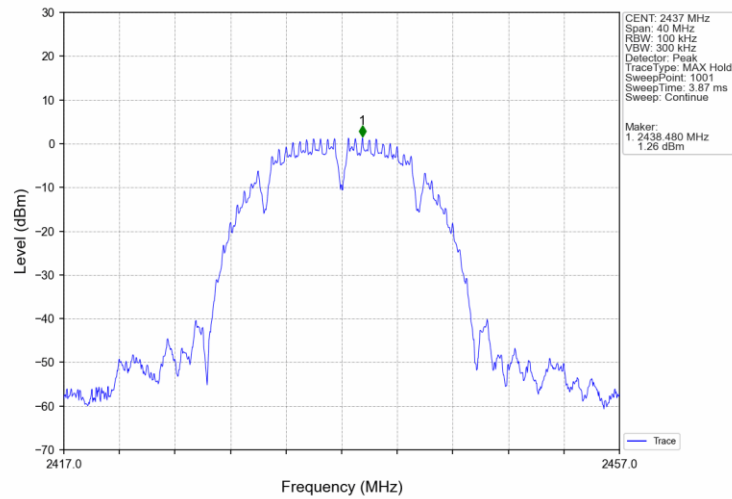
					2	1.12	-18.88	Pass
802.11g	SISO	2412	/	/	1	-4.62	-24.62	Pass
					2	-4.66	-24.66	Pass
					1	-5.30	-25.30	Pass
		2437	/	/	2	-4.46	-24.46	Pass
					1	-5.06	-25.06	Pass
					2	-5.26	-25.26	Pass
802.11n (HT20)	MIMO	2412	/	/	1	-4.91	-24.91	Pass
					2	-4.74	-24.74	Pass
					1	-5.28	-25.28	Pass
		2437	/	/	2	-4.69	-24.69	Pass
					1	-4.88	-24.88	Pass
					2	-5.27	-25.27	Pass
802.11n (HT40)	MIMO	2422	/	/	1	-7.84	-27.84	Pass
					2	-7.66	-27.66	Pass
					1	-7.82	-27.82	Pass
		2437	/	/	2	-7.92	-27.92	Pass
					1	-8.37	-28.37	Pass
					2	-7.67	-27.67	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	1	-4.79	-24.79	Pass
					2	-4.92	-24.92	Pass
					1	-6.93	-26.93	Pass
		2437	SU	/	2	-6.80	-26.80	Pass
					1	-6.90	-26.90	Pass
					2	-6.79	-26.79	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	1	-9.65	-29.65	Pass
					2	-9.44	-29.44	Pass
					1	-9.96	-29.96	Pass
		2437	SU	/	2	-10.00	-30.00	Pass
					1	-10.15	-30.15	Pass
					2	-10.19	-30.19	Pass

5.2 Test Graph

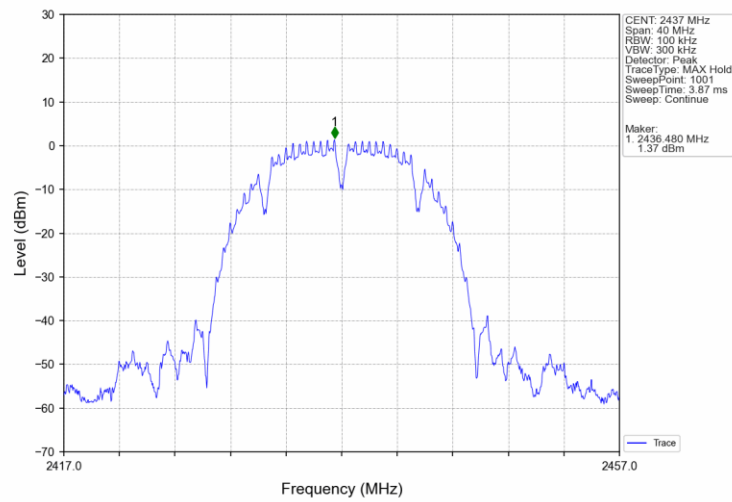
5.2.1 Ref



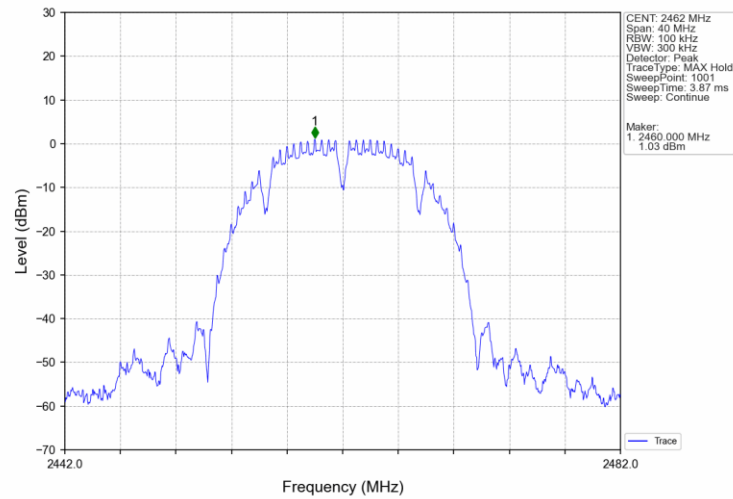
802.11b MCH 2437MHz Ant1 (SISO) NTNv



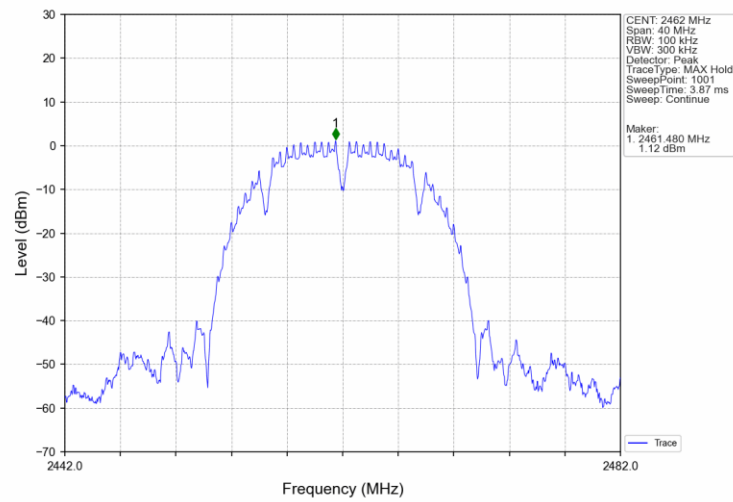
802.11b MCH 2437MHz Ant2 (SISO) NTNv



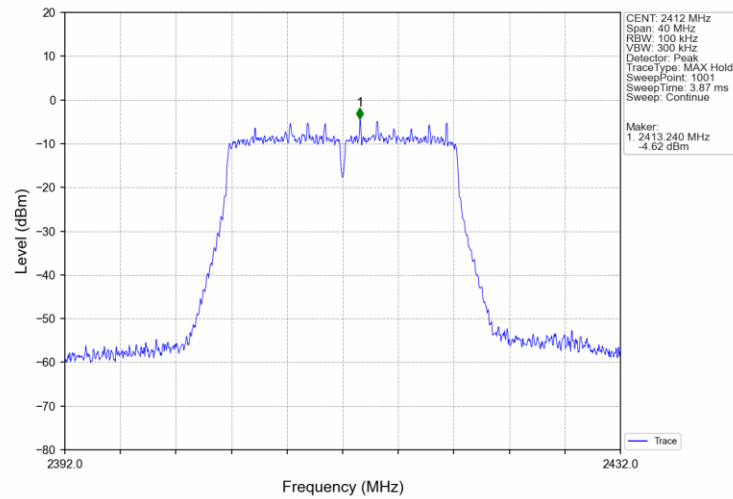
802.11b HCH 2462MHz Ant1 (SISO) NTN



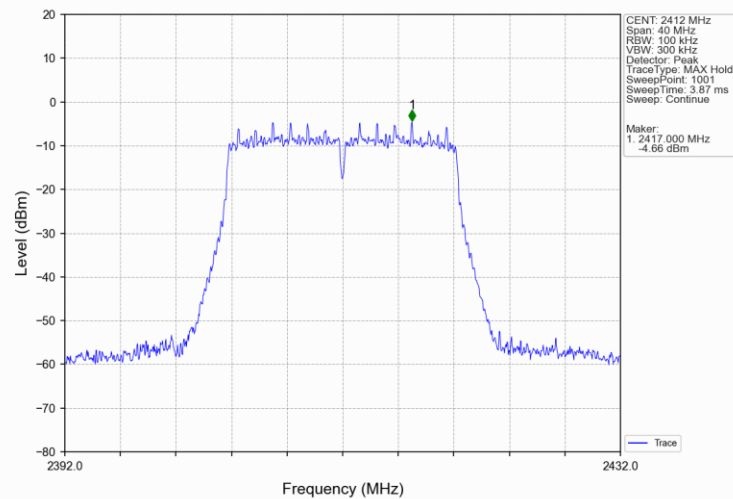
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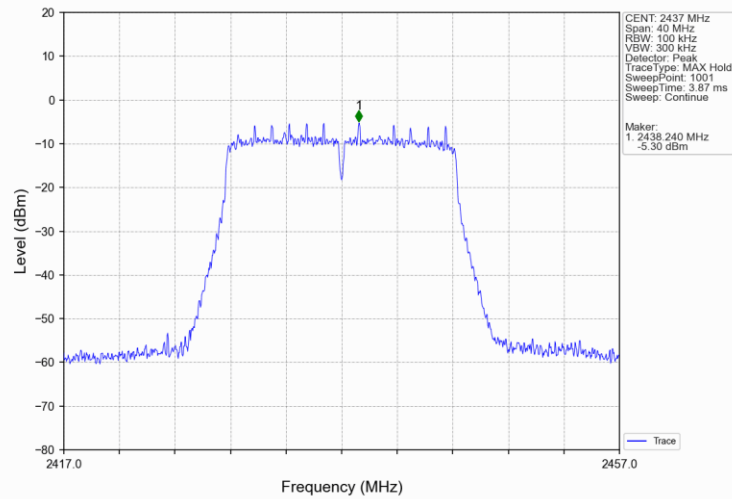
802.11g LCH 2412MHz_Ant1 (SISO) NTNv



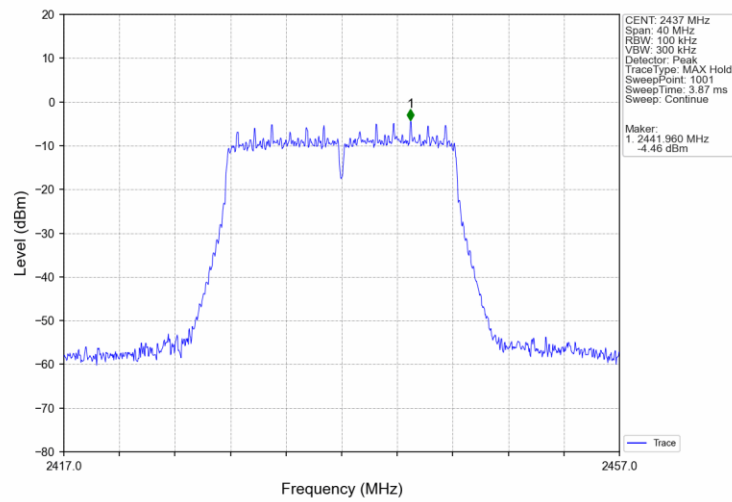
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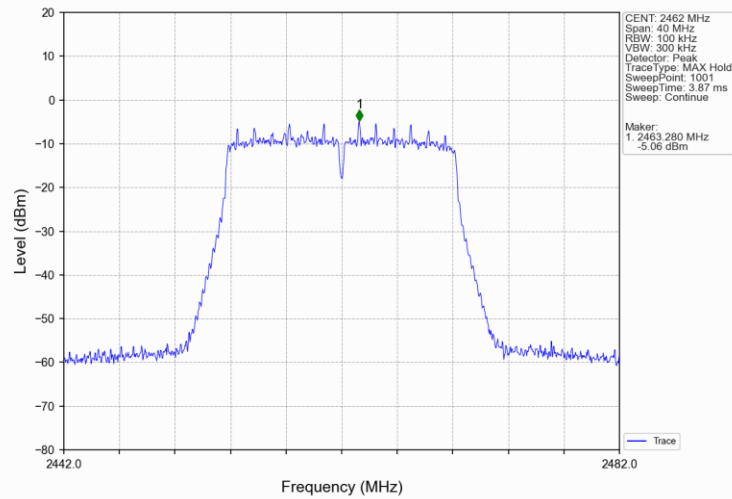
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



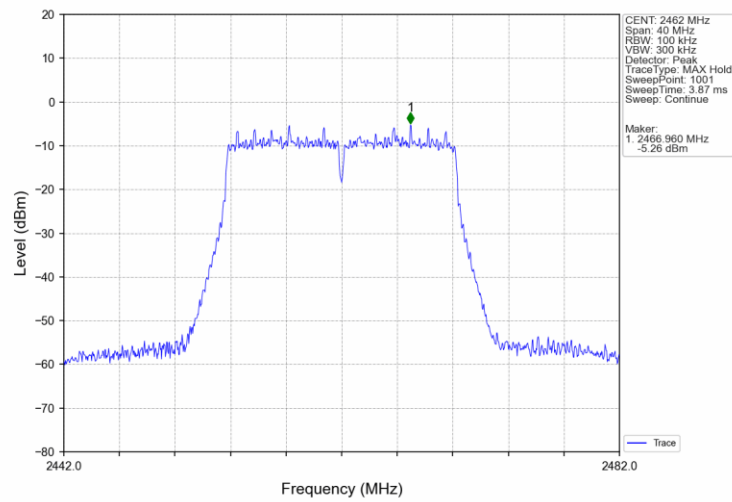
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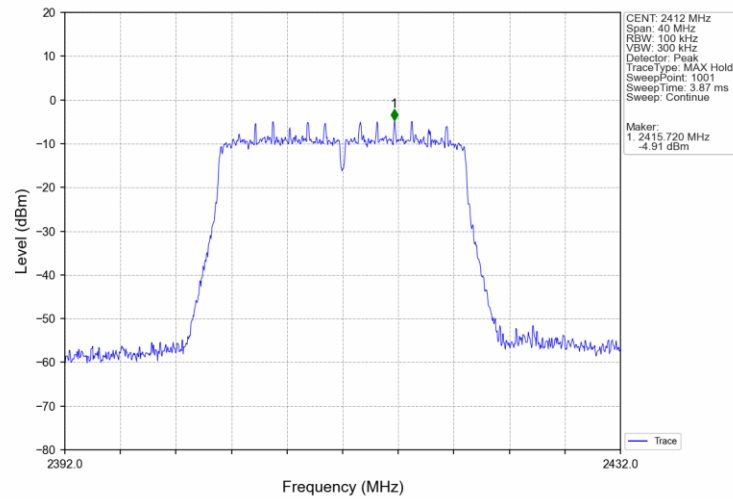
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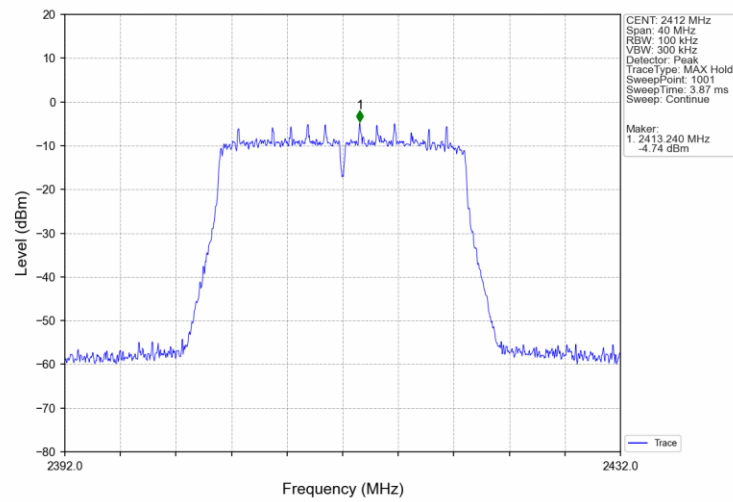
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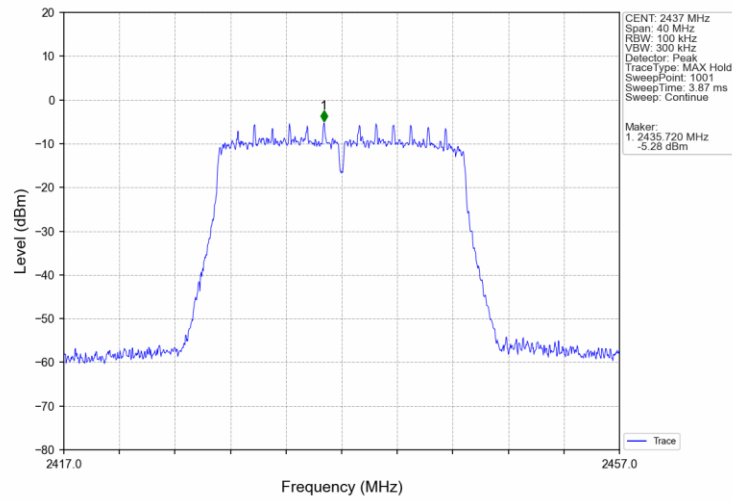
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



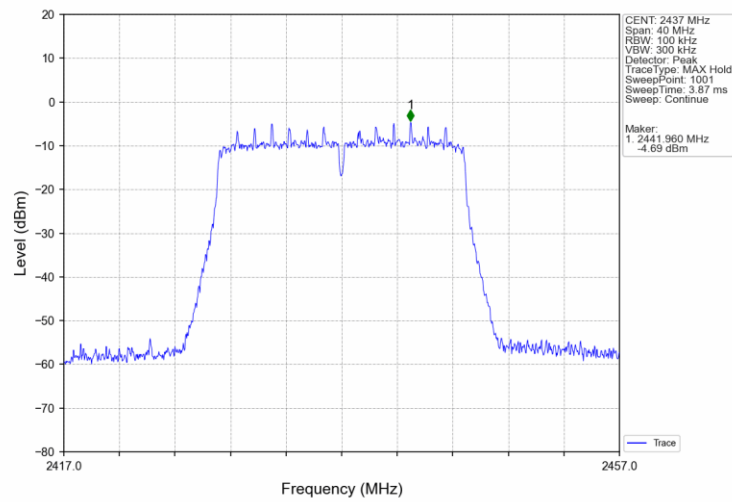
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



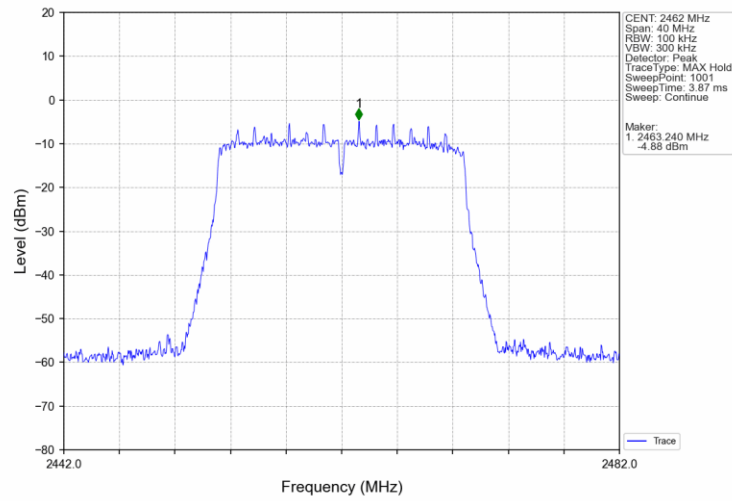
802.11n(HT20) MCH 2437MHz Ant1 (MIMO) NTNV



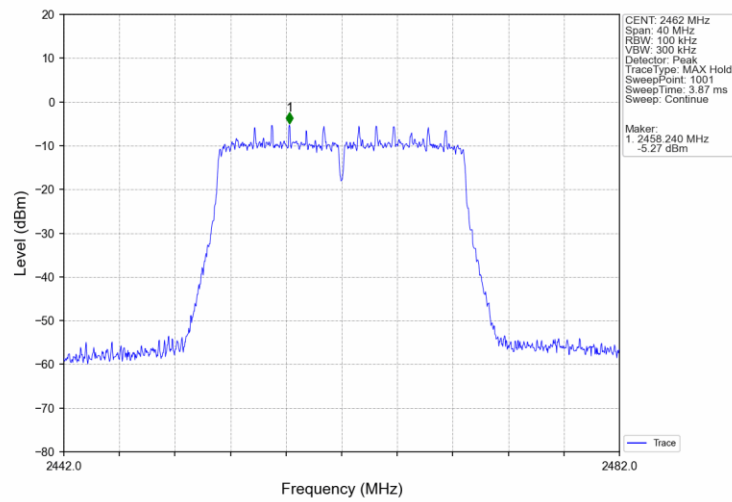
802.11n(HT20) MCH 2437MHz Ant2 (MIMO) NTNV



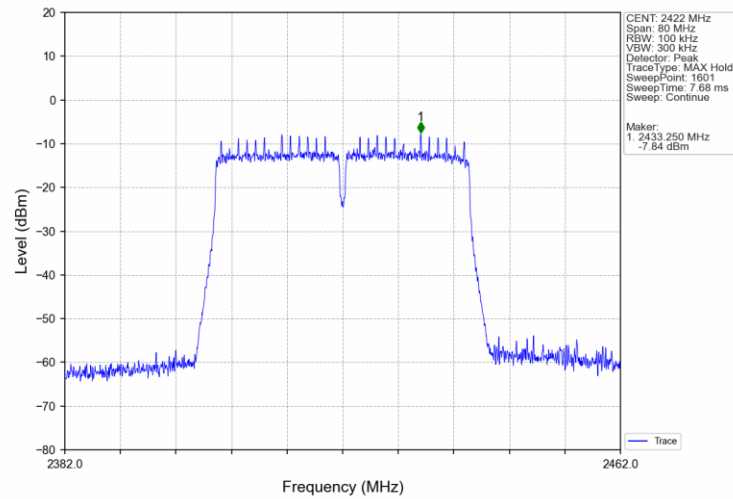
802.11n(HT20) HCH 2462MHz_Ant1 (MIMO) NTNV



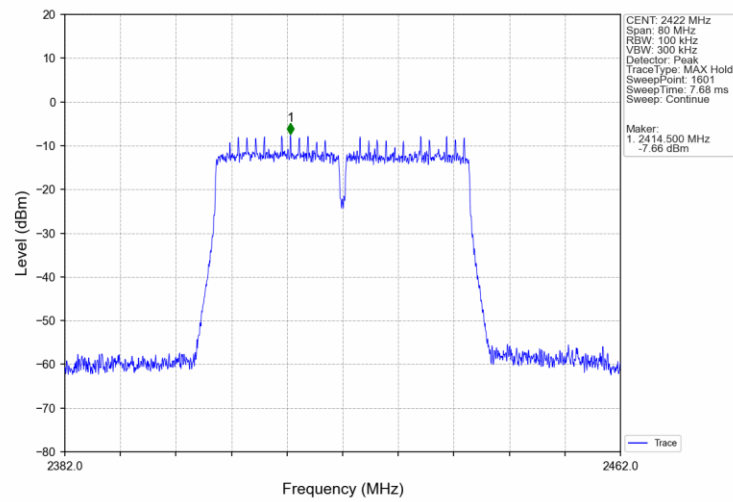
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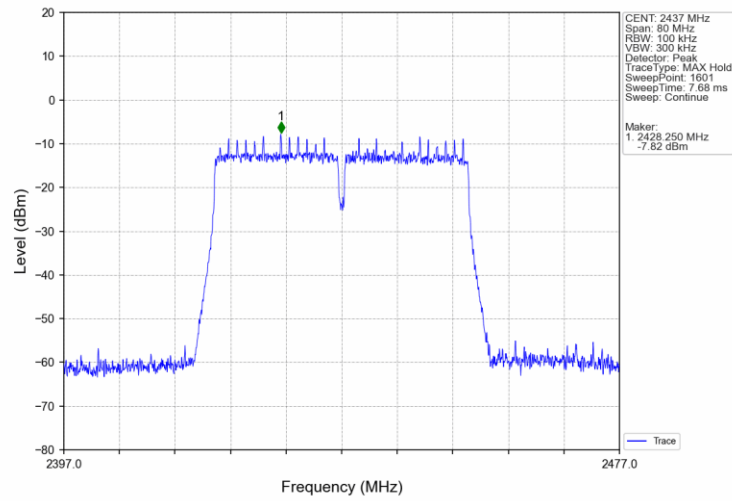
802.11n(HT40) LCH 2422MHz Ant1 (MIMO) NTNV



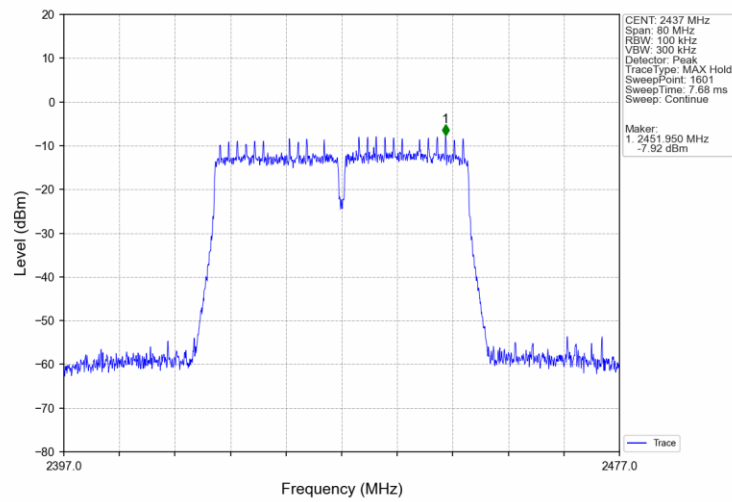
802.11n(HT40) LCH 2422MHz Ant2 (MIMO) NTNV



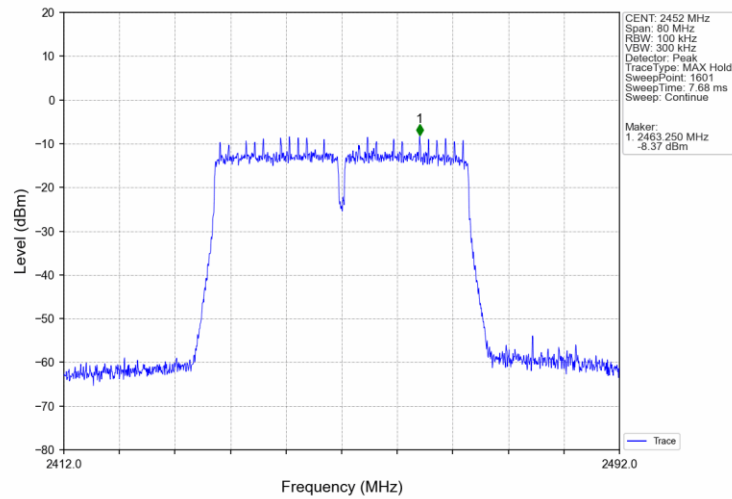
802.11n(HT40) MCH 2437MHz Ant1 (MIMO) NTNv



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



802.11n(HT40) HCH 2452MHz_Ant1 (MIMO) NTNV



802.11n(HT40) HCH 2452MHz_Ant2 (MIMO) NTNV

