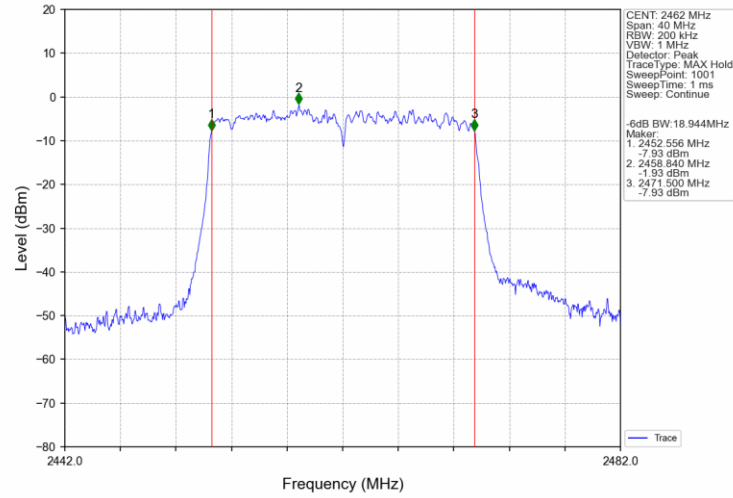
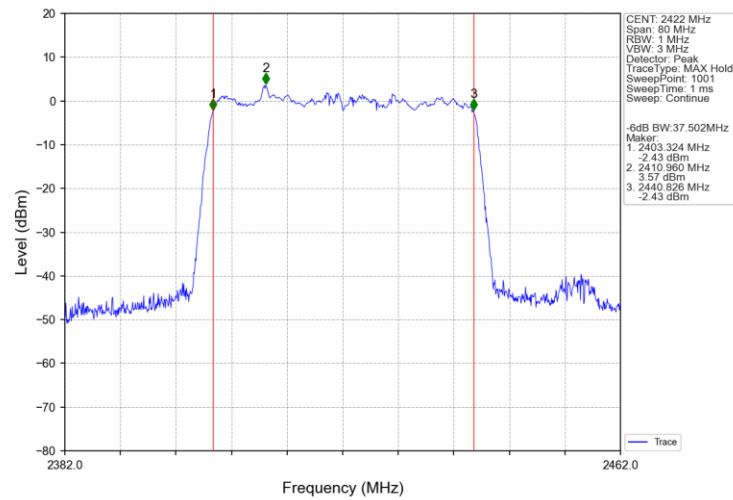


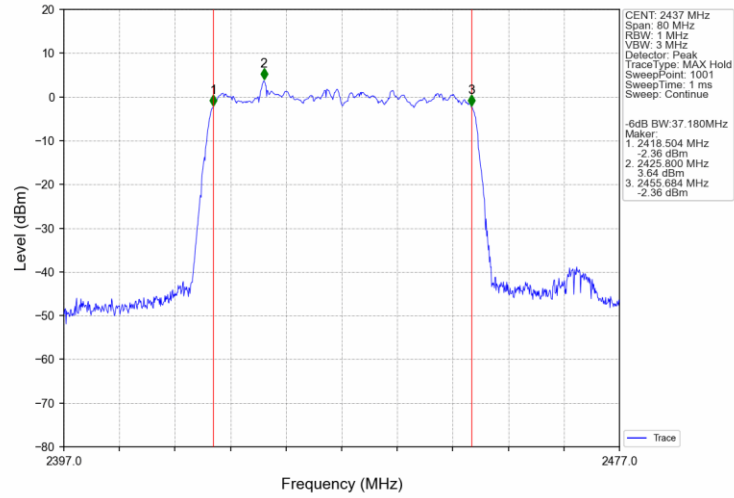
802.11ax(HEW20)_HCH_2462MHz_SU / _Ant1 (MIMO)_NTNV



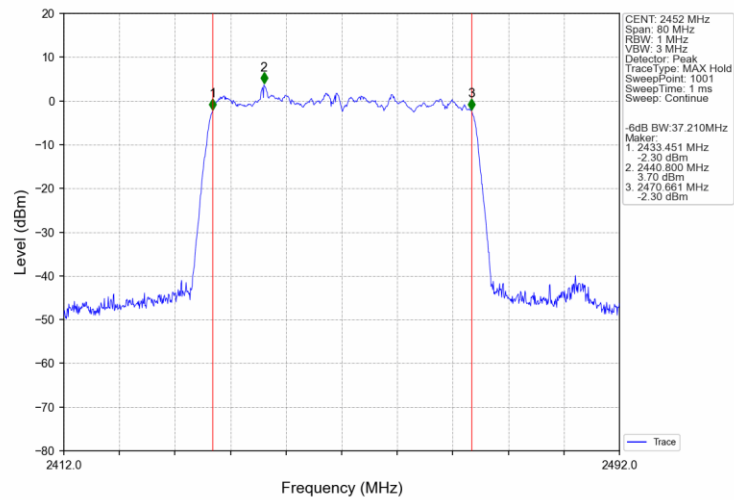
802.11ax(HEW40)_LCH_2422MHz_SU / _Ant1 (MIMO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_SU / _Ant1 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU / _Ant1 (MIMO)_NTNV



Note1: Antenna Gain: Ant1: 1.95dBi; Ant2: 1.93dBi;
Note2: Directional Gain: 4.95dBi

4. Maximum Power Spectral Density

4.1 Test Result

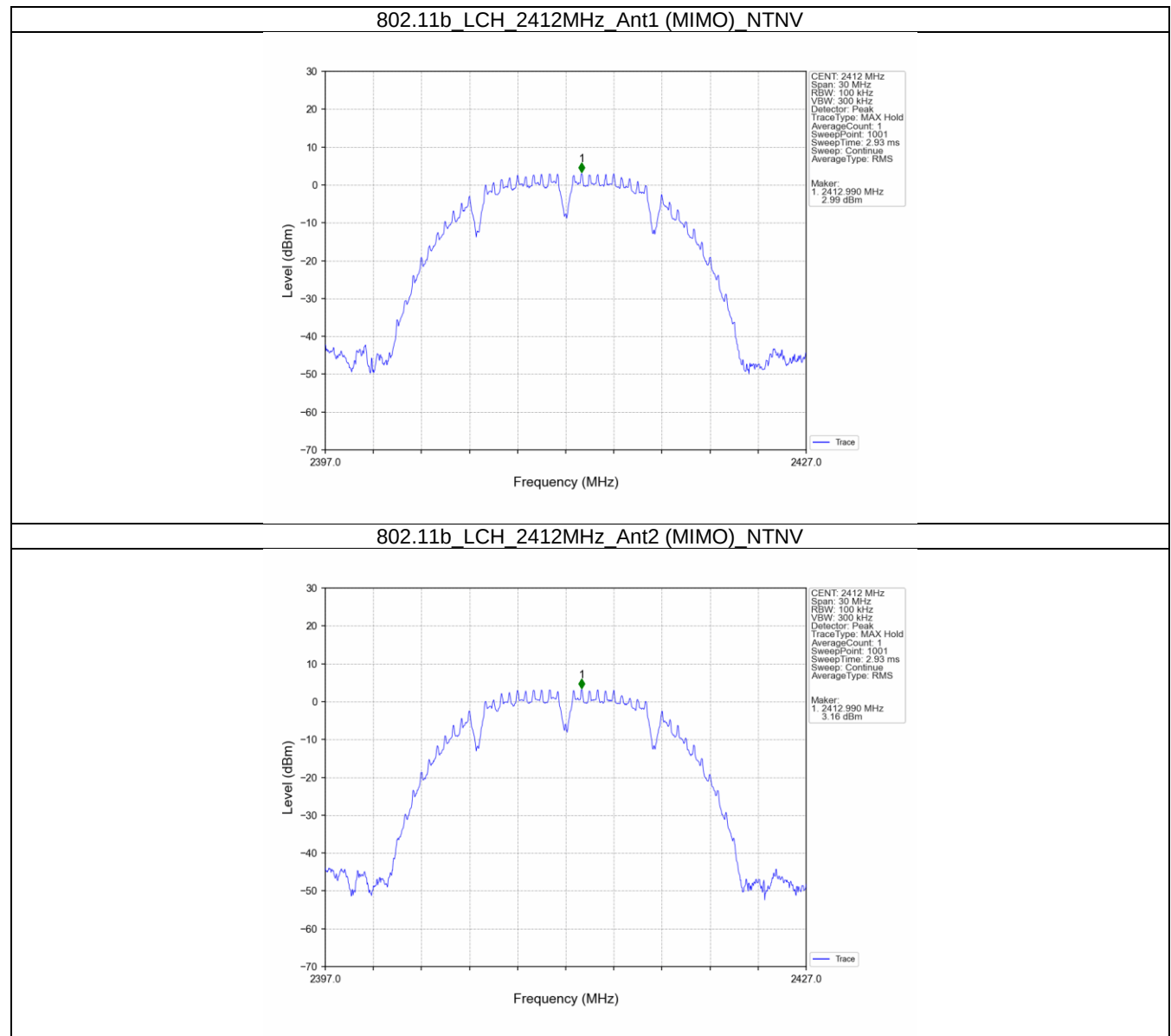
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit(dBm/3kHz)	
802.11b	MIMO	2412	/	/	2.99	3.16	6.09	<=8	Pass
		2437	/	/	3.10	3.30	6.14	<=8	Pass
		2462	/	/	2.98	3.15	6.07	<=8	Pass
802.11g	MIMO	2412	/	/	-3.74	-3.18	-0.46	<=8	Pass
		2437	/	/	-3.75	-3.54	-0.79	<=8	Pass
		2462	/	/	-4.02	-3.81	-0.97	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-3.77	-3.06	-0.39	<=8	Pass
		2437	/	/	-3.70	-3.58	-0.64	<=8	Pass
		2462	/	/	-3.91	-3.45	-0.66	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-6.59	-6.35	-3.48	<=8	Pass
		2437	/	/	-6.46	-6.49	-3.47	<=8	Pass
		2452	/	/	-6.84	-6.65	-3.82	<=8	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	-4.05	-3.50	-0.81	<=8	Pass
		2437	SU	/	-3.93	-3.63	-0.78	<=8	Pass
		2462	SU	/	-3.96	-3.73	-0.83	<=8	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	-6.68	-6.83	-3.75	<=8	Pass
		2437	SU	/	-6.90	-6.62	-3.75	<=8	Pass
		2452	SU	/	-6.87	-6.79	-3.82	<=8	Pass
Note1: Antenna Gain: Ant1: 1.95dBi; Ant2: 1.93dBi; Note2: Directional Gain: 4.95dBi									

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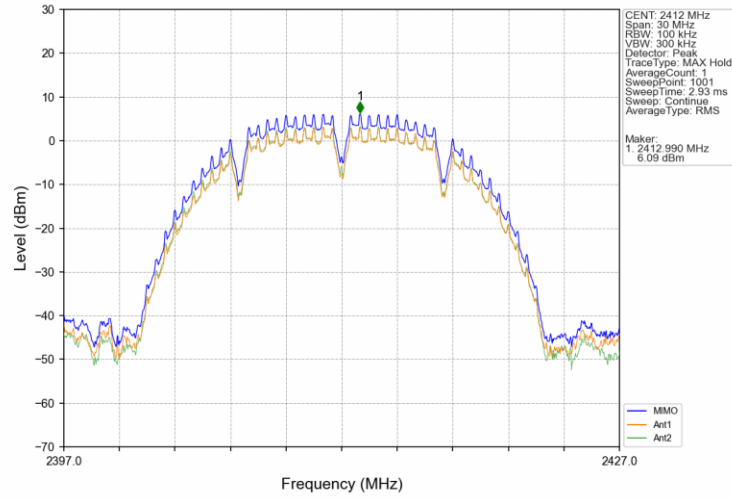
4.2 Test Graph

4.2.1 PSD

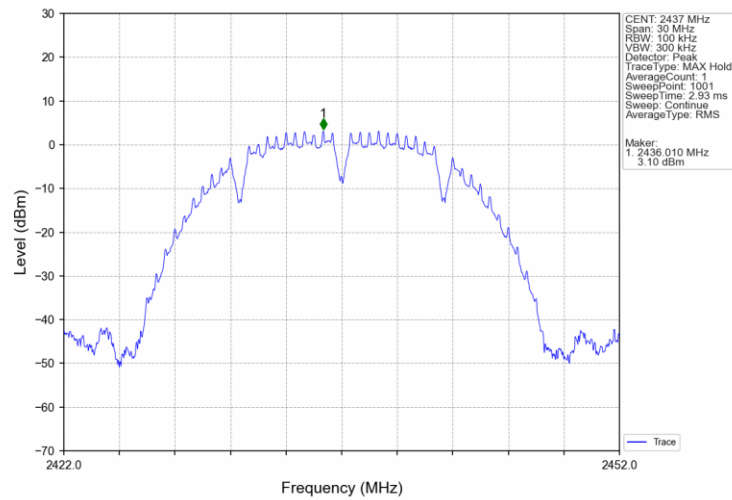




802.11b_LCH_2412MHz_MIMO_NTNV



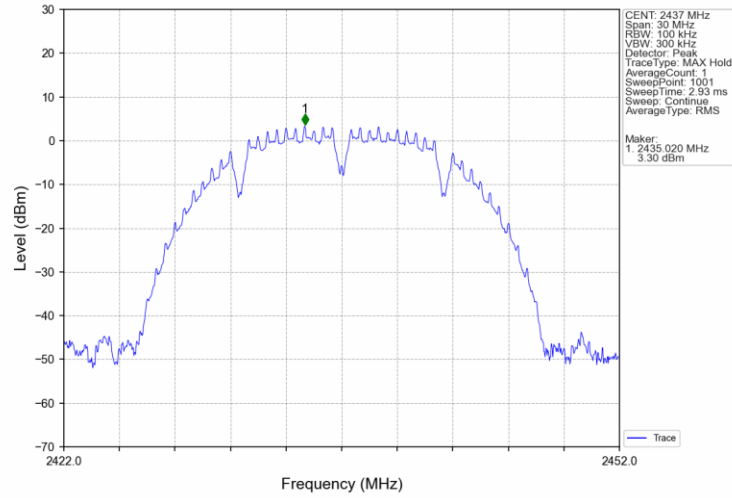
802.11b_MCH_2437MHz_Ant1 (MIMO)_NTNV



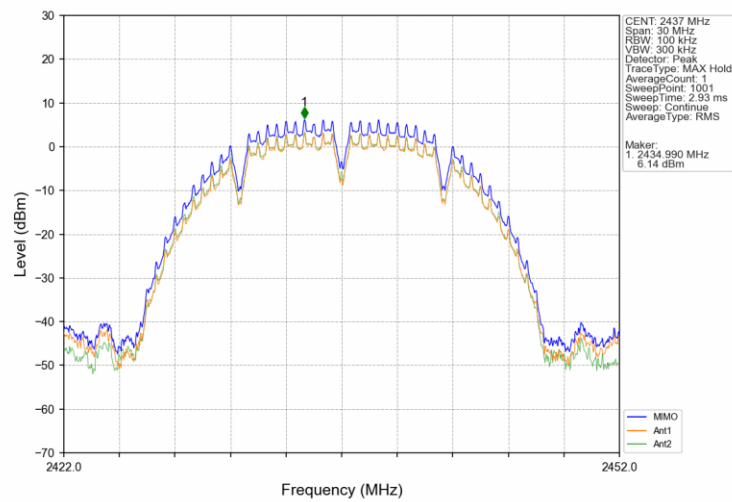


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802.11b_MCH_2437MHz_Ant2 (MIMO)_NTNV



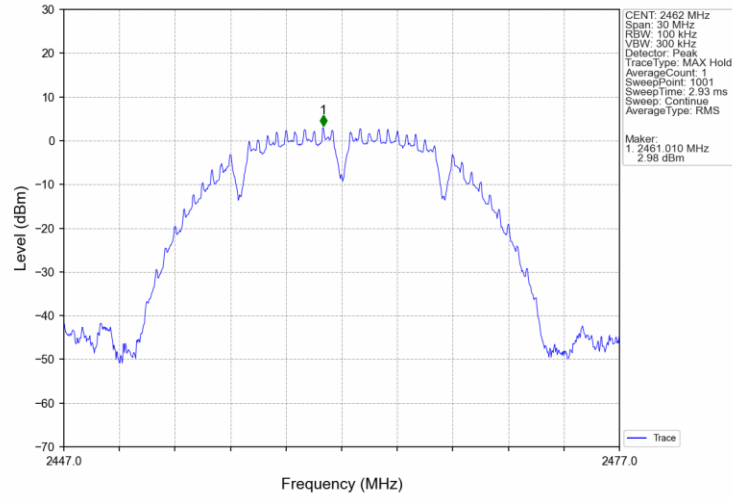
802.11b_MCH_2437MHz_MIMO_NTNV



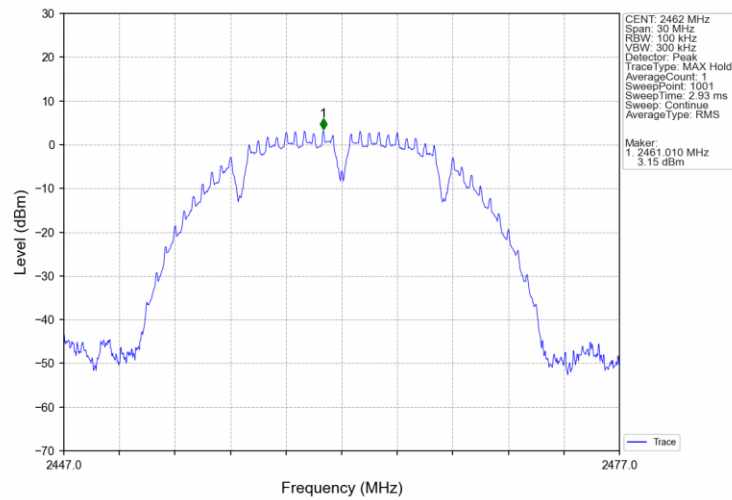


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802.11b_HCH_2462MHz_Ant1 (MIMO)_NTNV

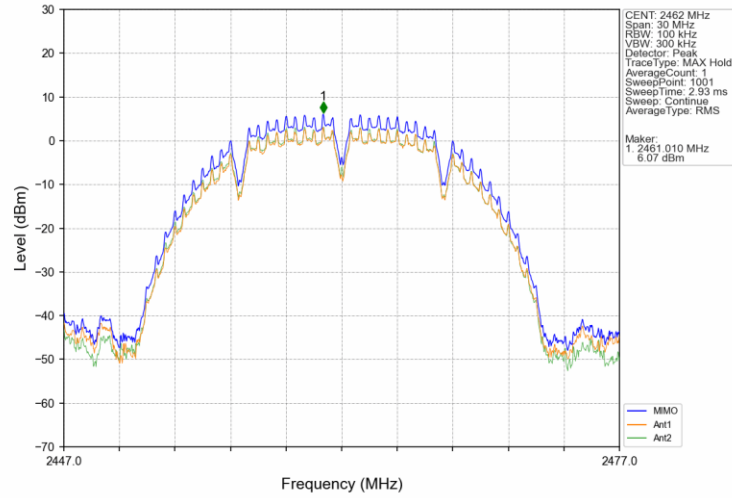


802.11b_HCH_2462MHz_Ant2 (MIMO)_NTNV

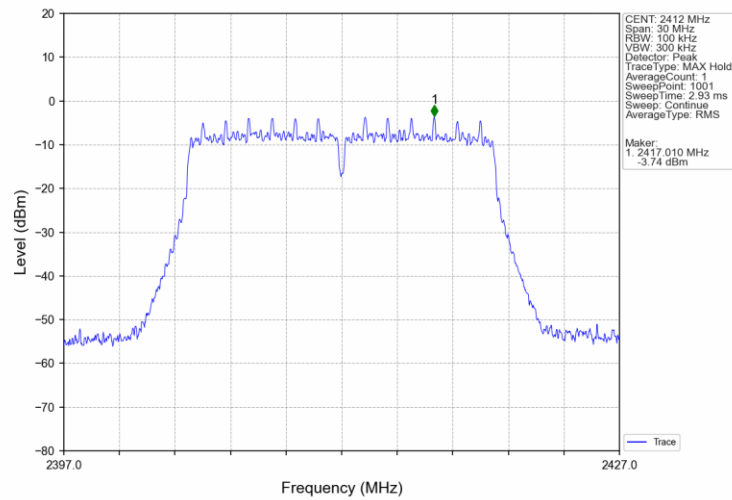


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802.11b_HCH_2462MHz_MIMO_NTNV

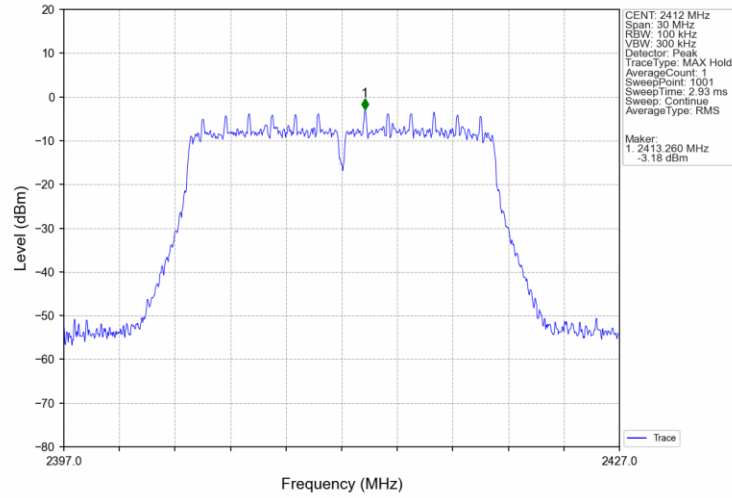


802.11g_LCH_2412MHz_Ant1 (MIMO)_NTNV

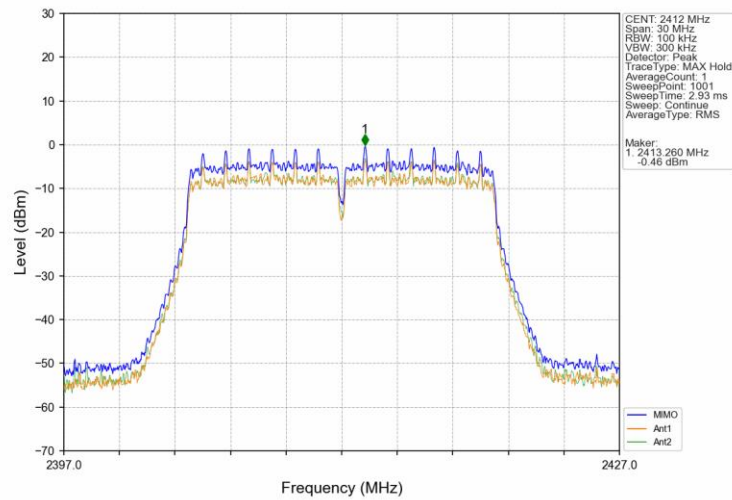


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802.11g_LCH_2412MHz_Ant2 (MIMO)_NTNV



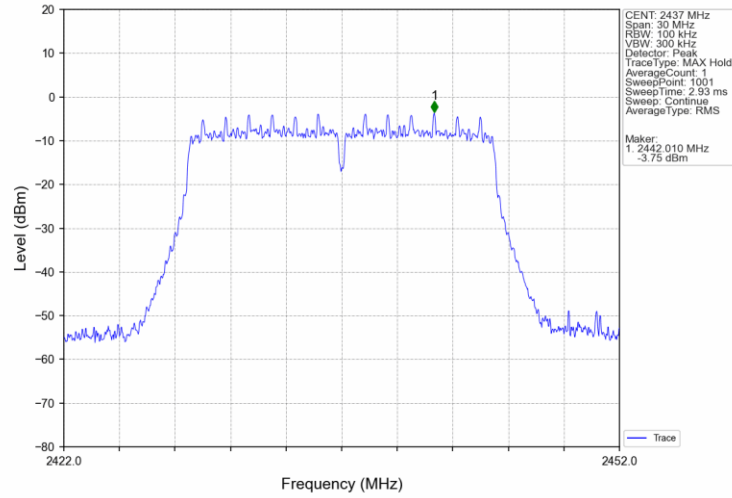
802.11g_LCH_2412MHz_MIMO_NTNV



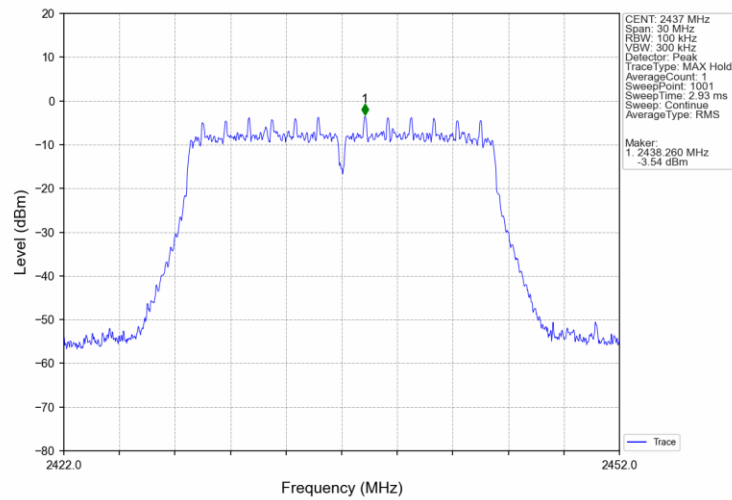


260417017FW3M1

802.11g_MCH_2437MHz_Ant1 (MIMO)_NTNV

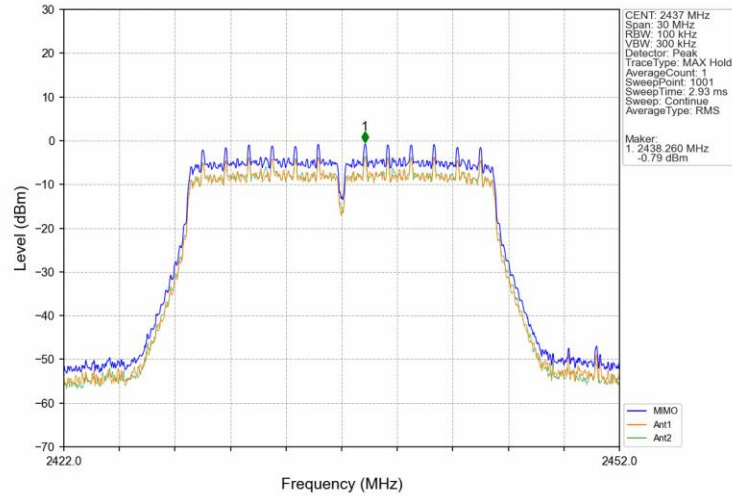


802.11g_MCH_2437MHz_Ant2 (MIMO)_NTNV

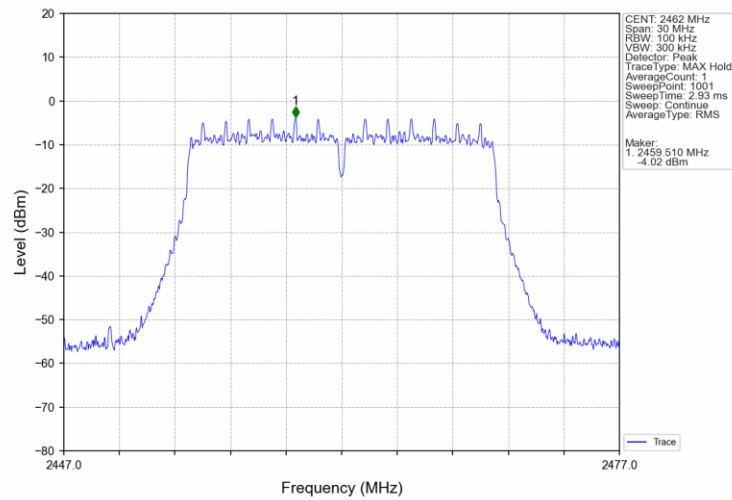


260417017FW3M1

802.11g_MCH_2437MHz_MIMO_NTNV

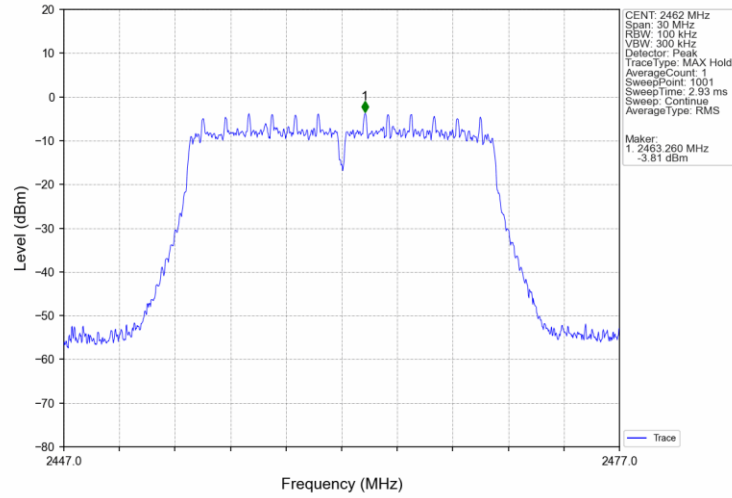


802.11g_HCH_2462MHz_Ant1 (MIMO)_NTNV

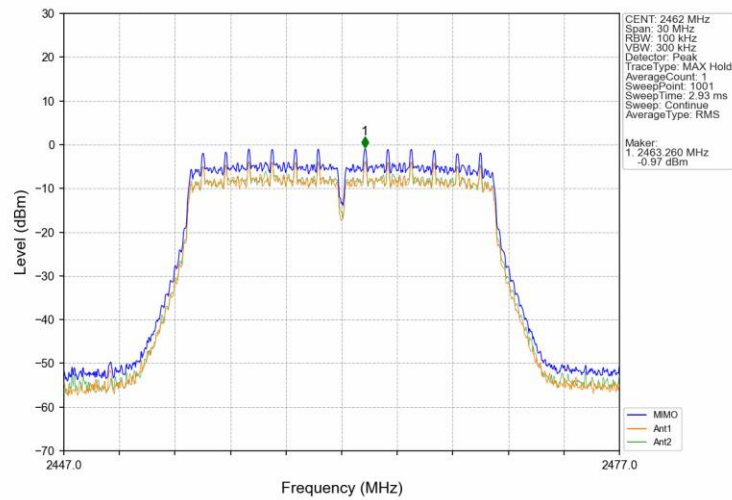


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802.11g_HCH_2462MHz_Ant2 (MIMO)_NTNV



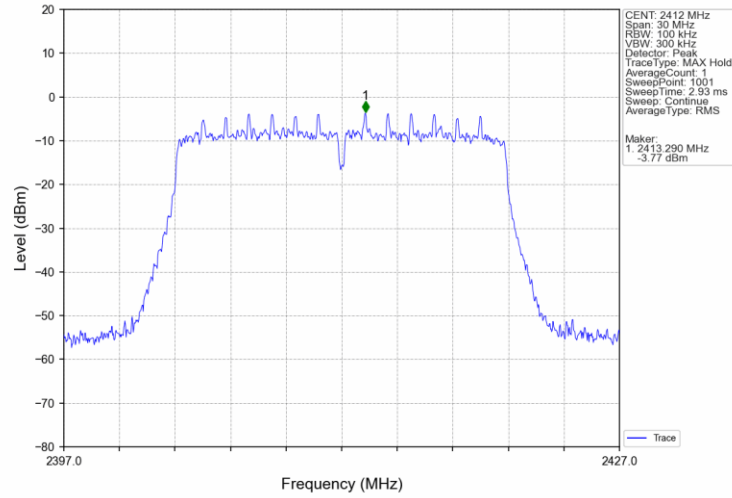
802.11g_HCH_2462MHz_MIMO_NTNV



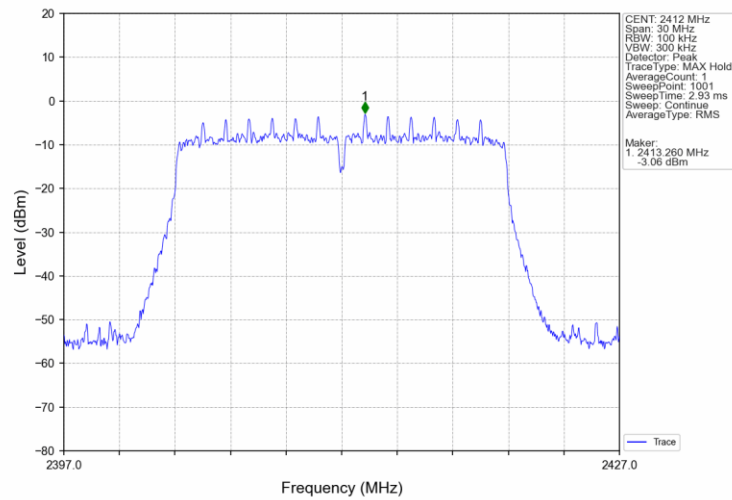


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802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV

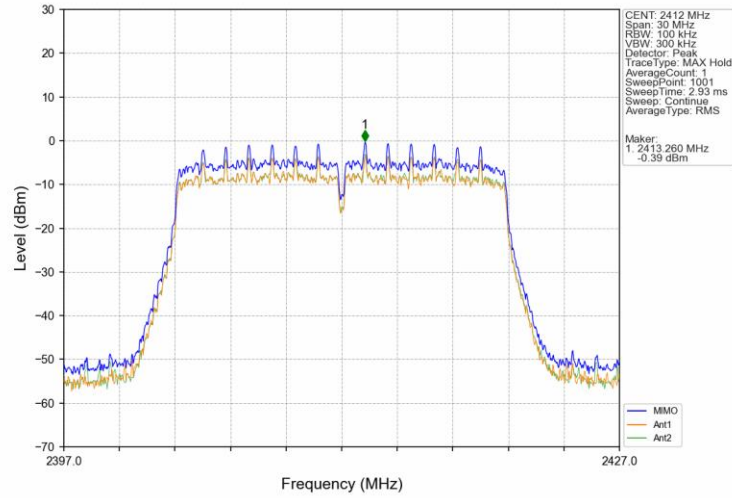


802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV

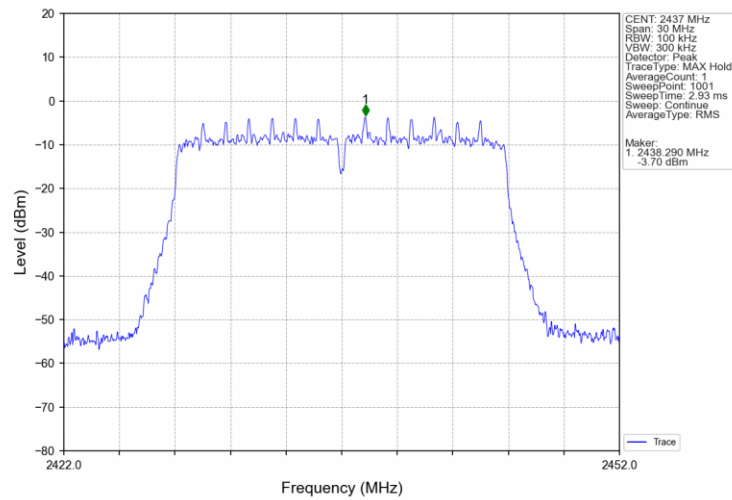


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802.11n(HT20)_LCH_2412MHz_MIMO_NTNV

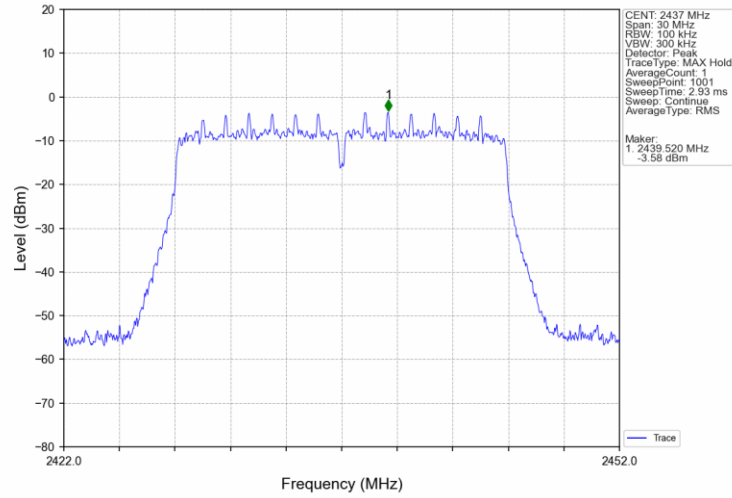


802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV

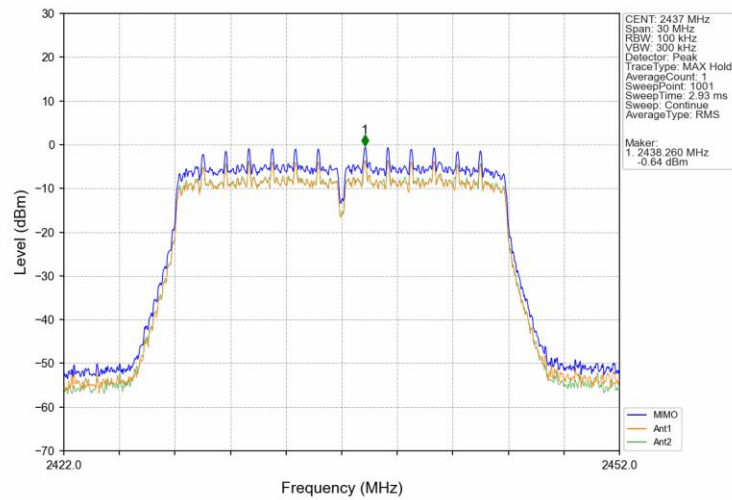


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802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



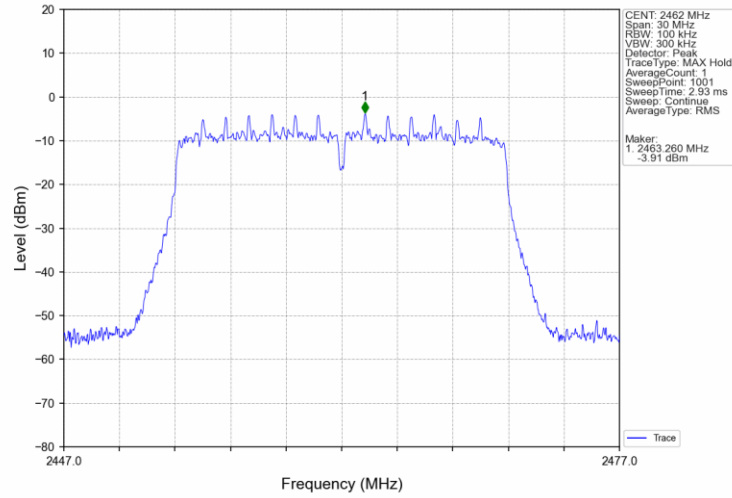
802.11n(HT20)_MCH_2437MHz_MIMO_NTNV



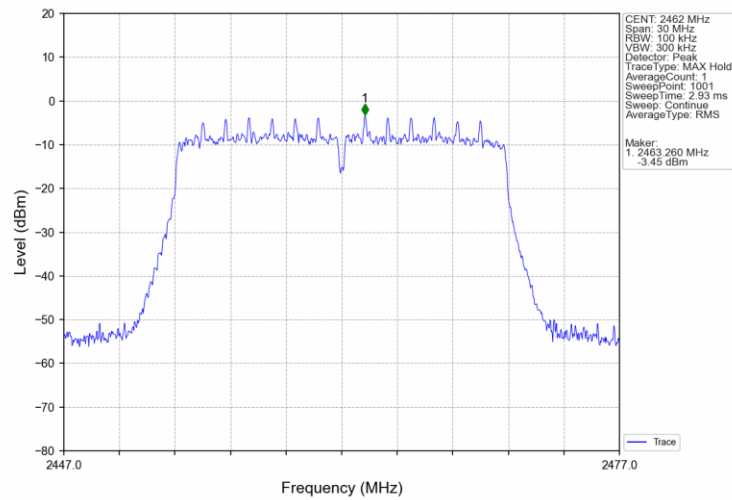


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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV

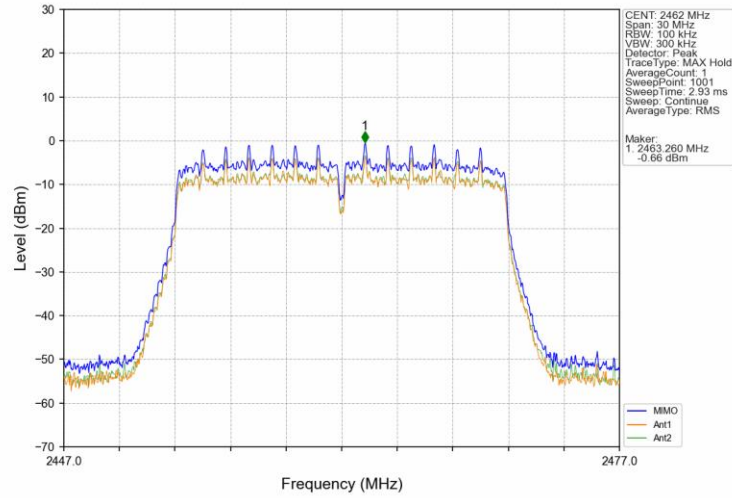


802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV

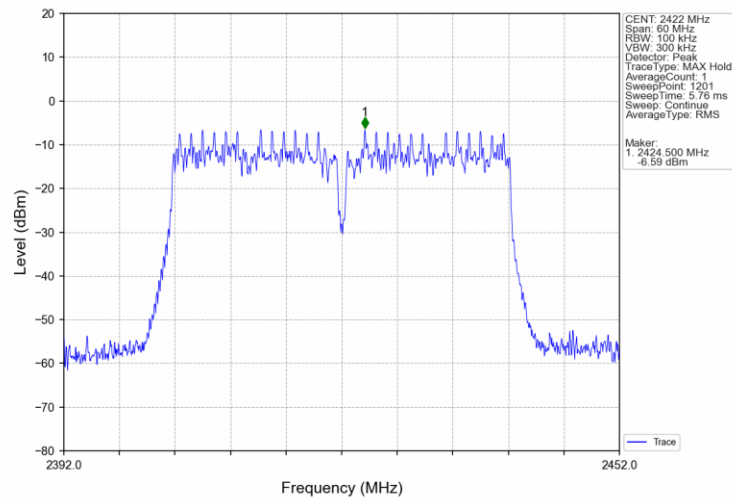


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802.11n(HT20)_HCH_2462MHz_MIMO_NTNV

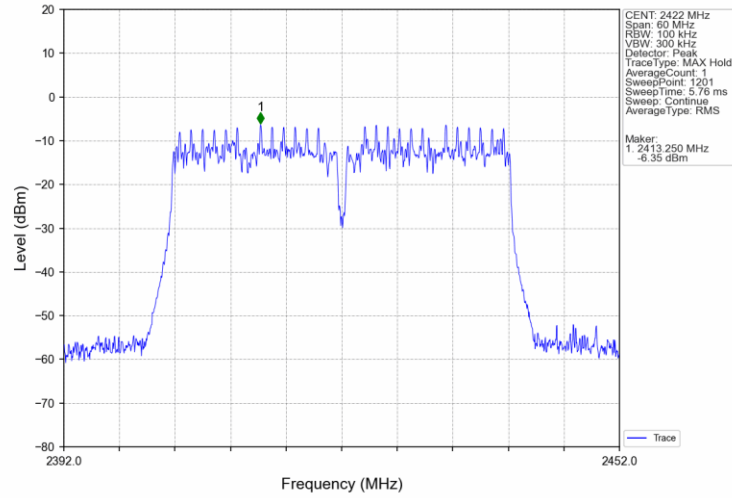


802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV

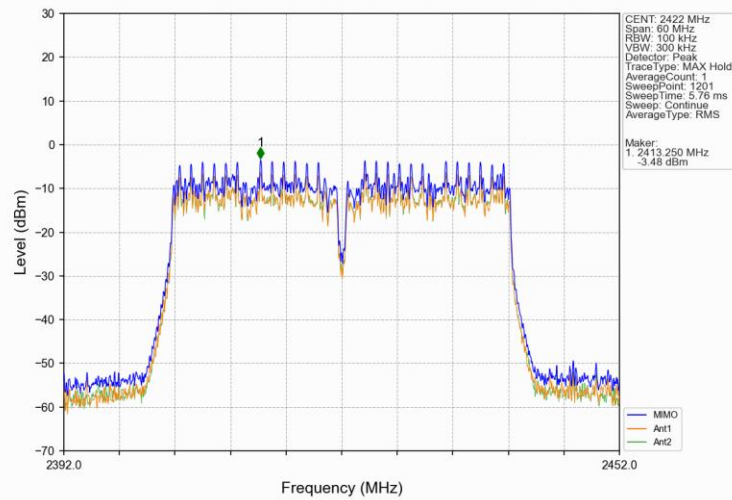


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802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV



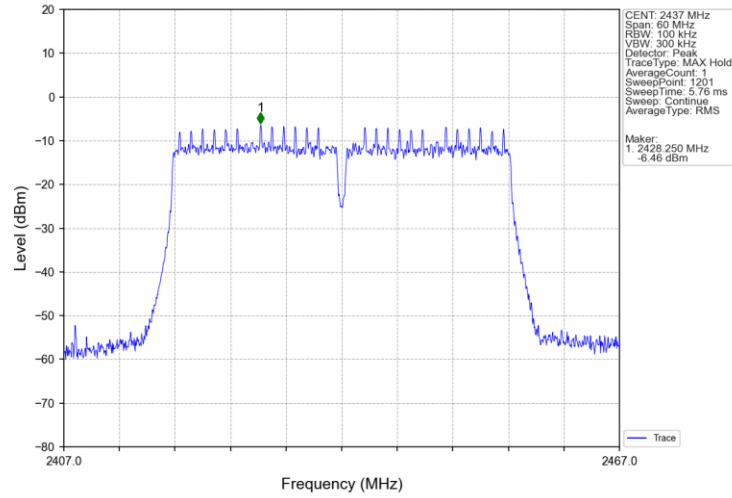
802.11n(HT40)_LCH_2422MHz_MIMO_NTNV



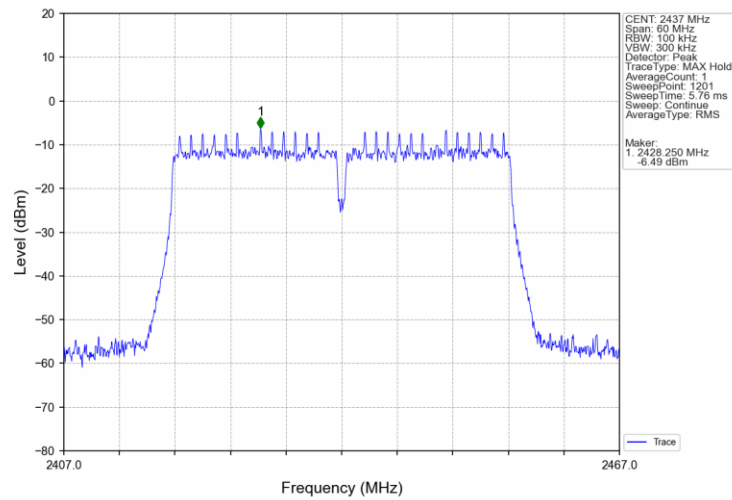


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802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV

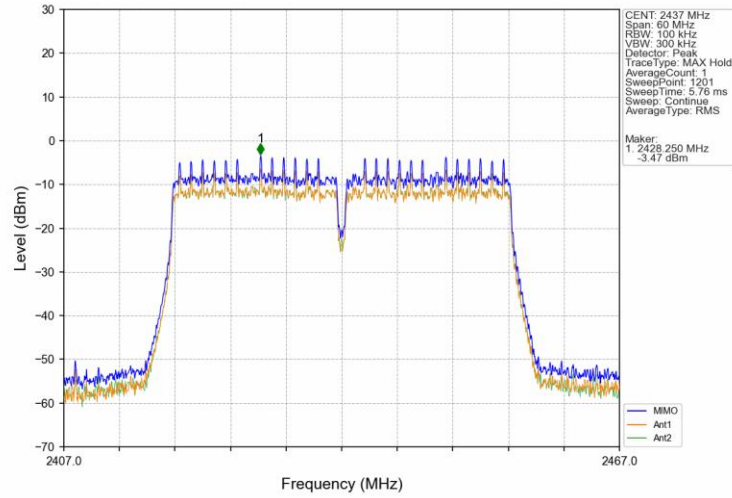


802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV

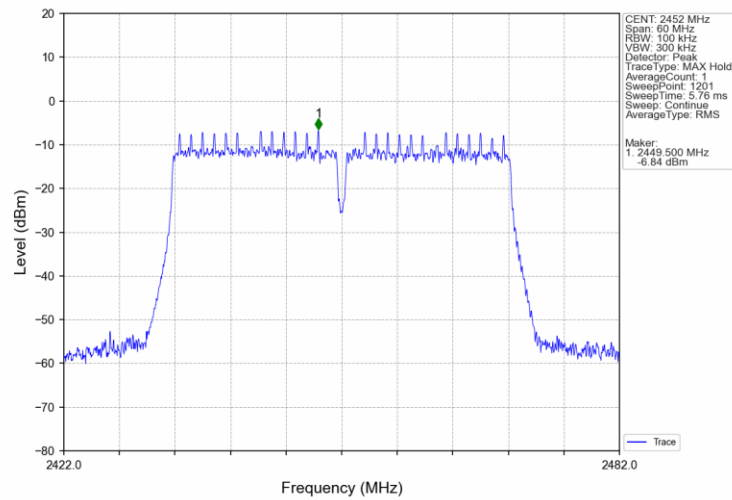


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802.11n(HT40)_MCH_2437MHz_MIMO_NTNV

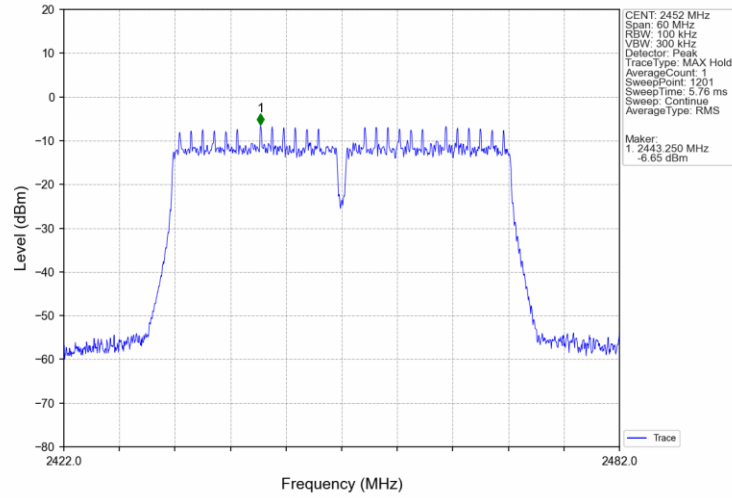


802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV

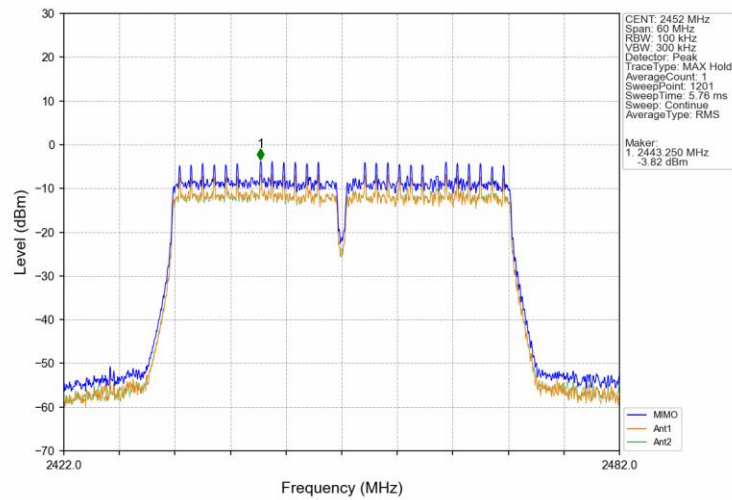


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802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



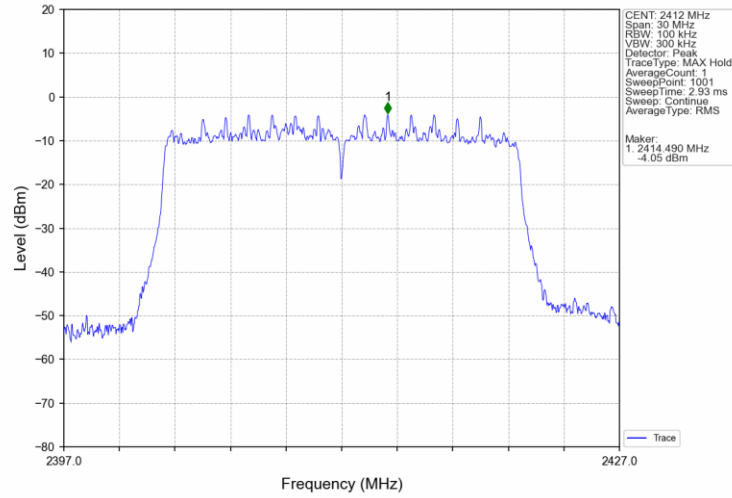
802.11n(HT40)_HCH_2452MHz_MIMO_NTNV



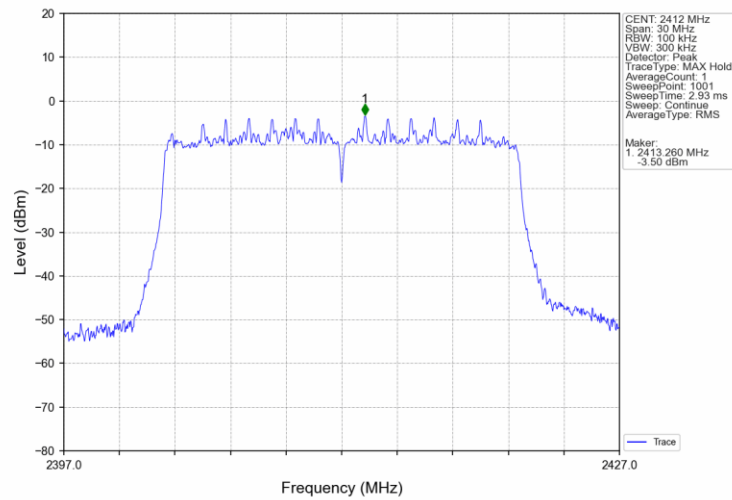


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802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (MIMO)_NTNV

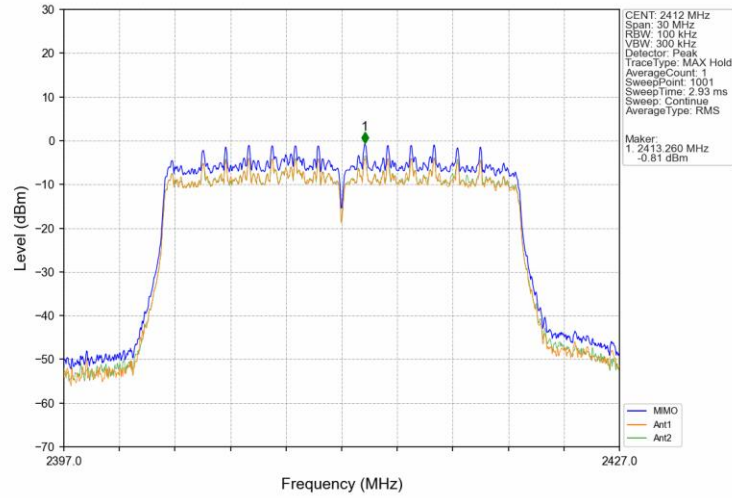


802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant2 (MIMO)_NTNV

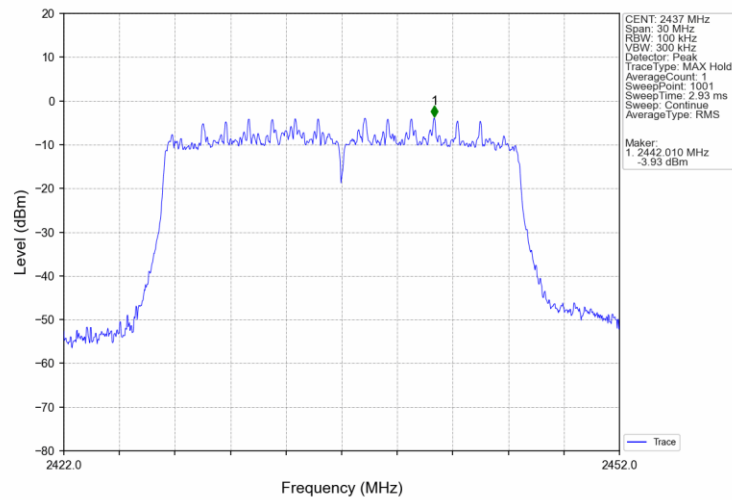


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802.11ax(HEW20)_LCH_2412MHz_SU / MIMO_NTNV

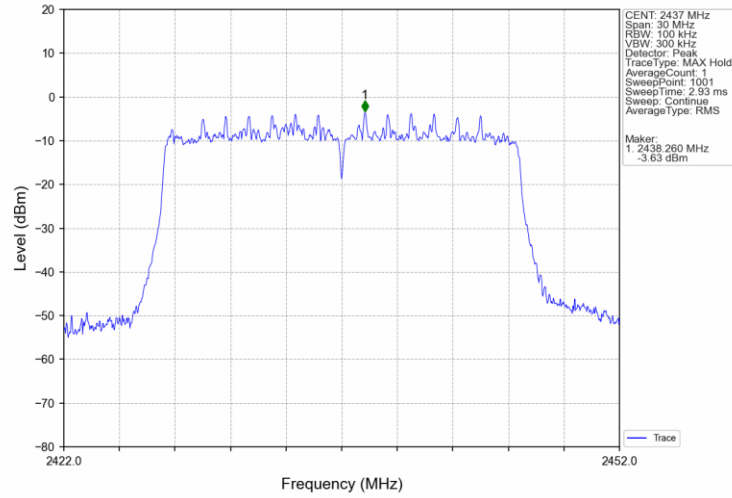


802.11ax(HEW20)_MCH_2437MHz_SU / Ant1 (MIMO)_NTNV

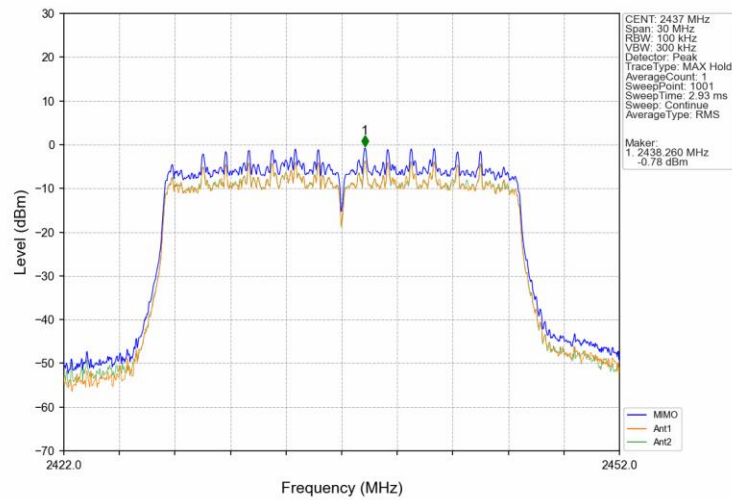


260417017FW3M1

802.11ax(HEW20)_MCH_2437MHz_SU / _Ant2 (MIMO)_NTNV



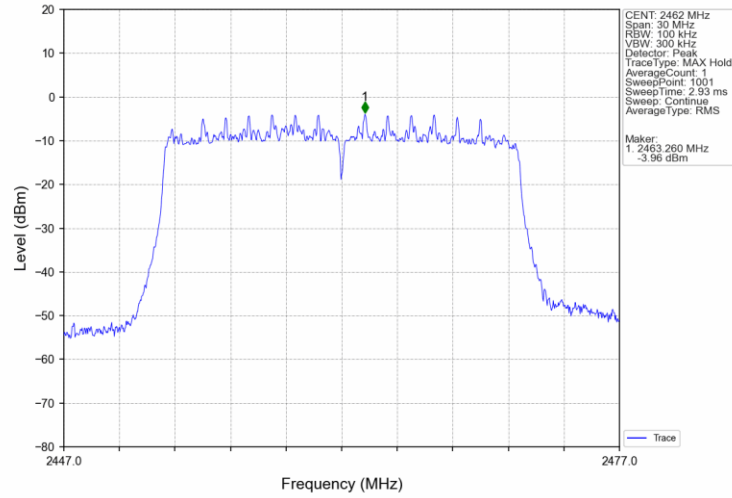
802.11ax(HEW20)_MCH_2437MHz_SU / _MIMO_NTNV



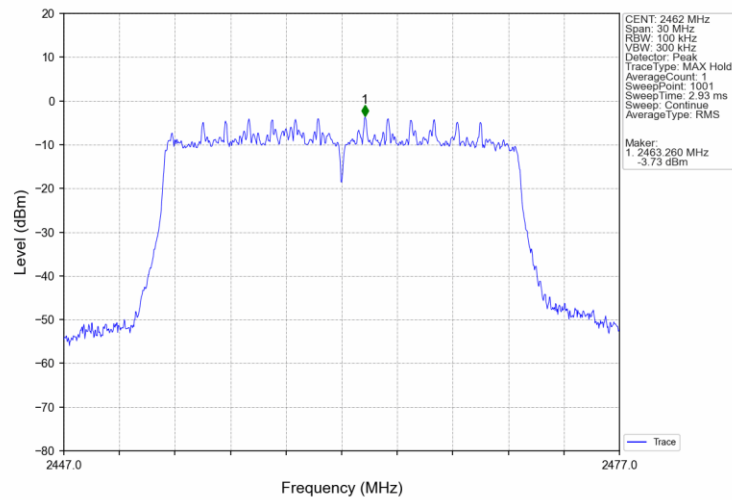


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802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (MIMO)_NTNV

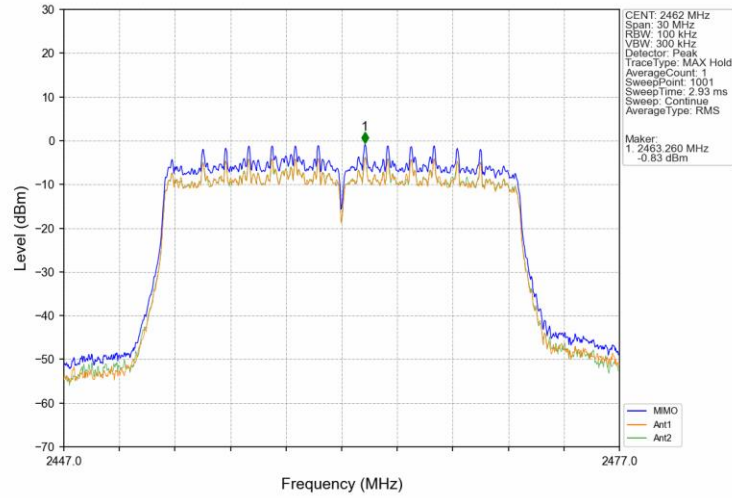


802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant2 (MIMO)_NTNV

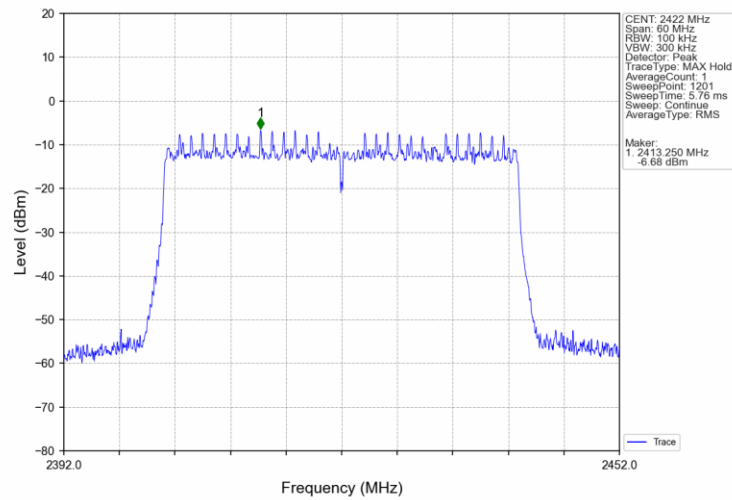


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802.11ax(HEW20)_HCH_2462MHz_SU_/_MIMO_NTNV

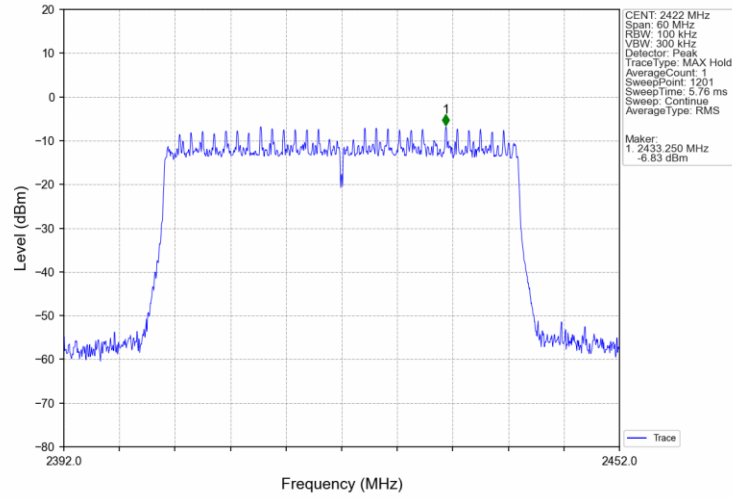


802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (MIMO)_NTNV

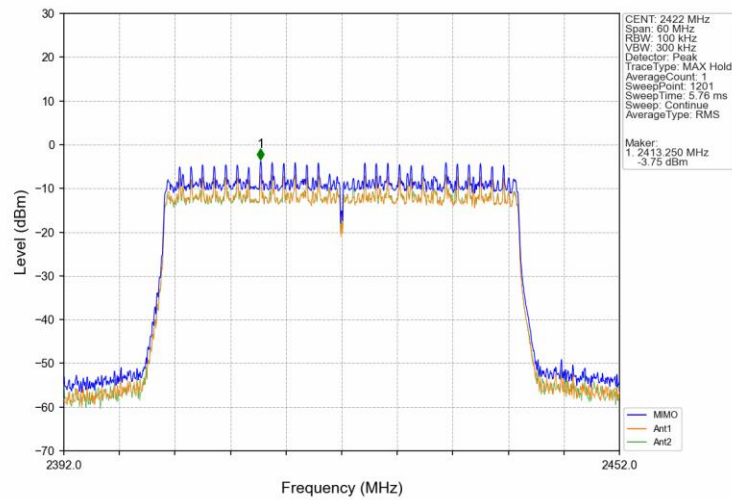


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802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant2 (MIMO)_NTNV

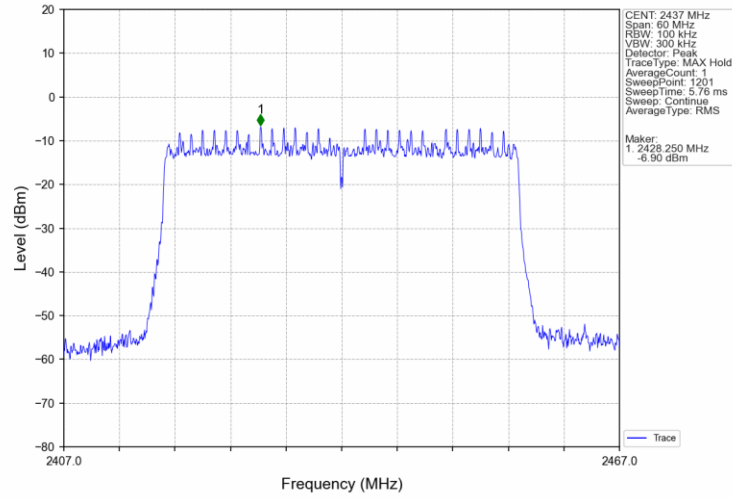


802.11ax(HEW40)_LCH_2422MHz_SU_/_MIMO_NTNV

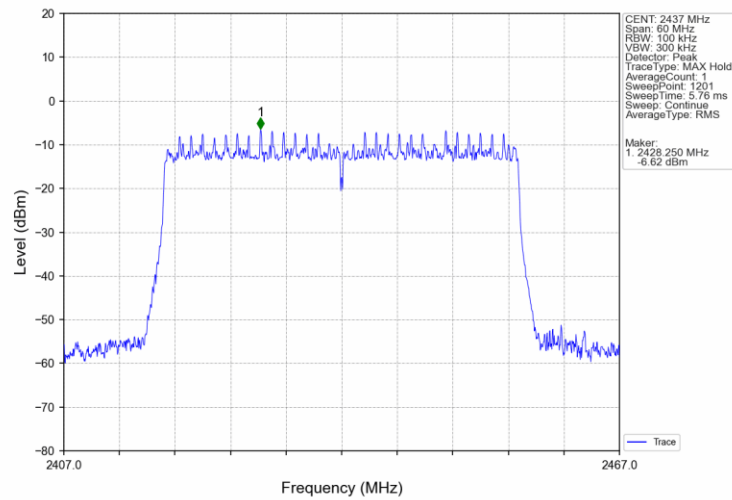


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802.11ax(HEW40)_MCH_2437MHz_SU / _Ant1 (MIMO)_NTNV

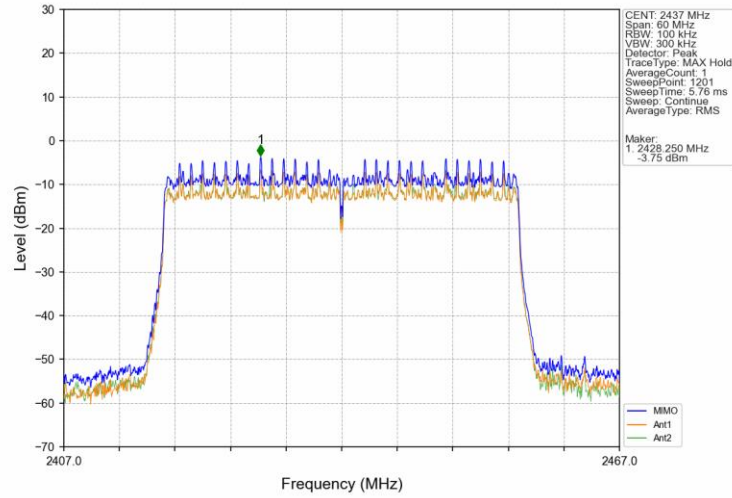


802.11ax(HEW40)_MCH_2437MHz_SU / _Ant2 (MIMO)_NTNV

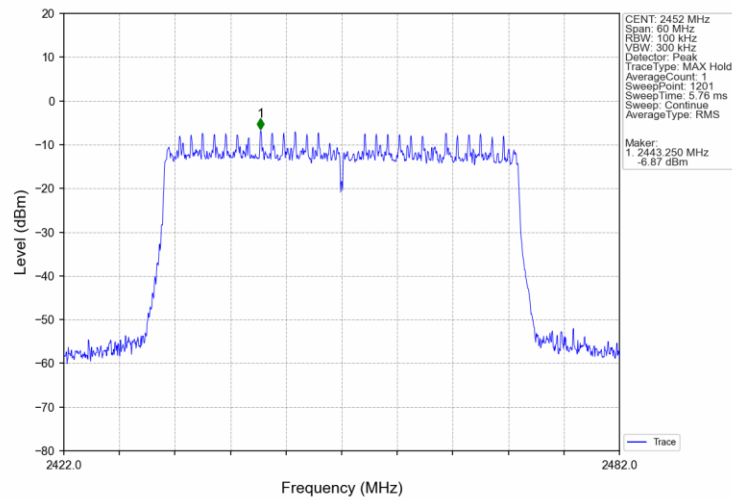


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802.11ax(HEW40)_MCH_2437MHz_SU_/_MIMO_NTNV

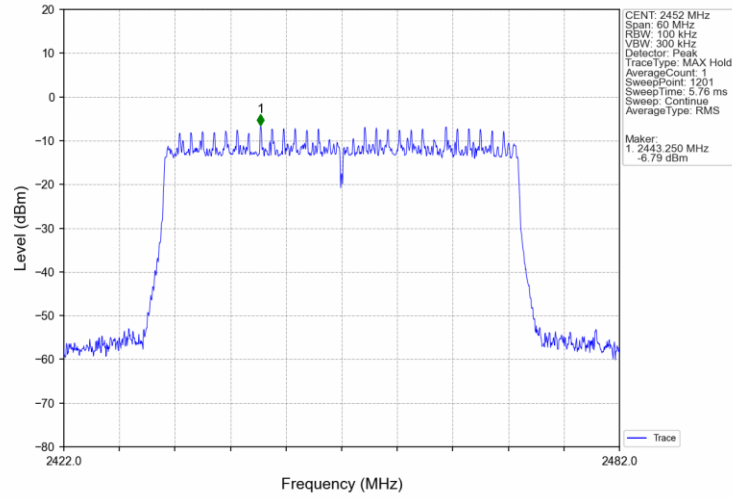


802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant1 (MIMO)_NTNV

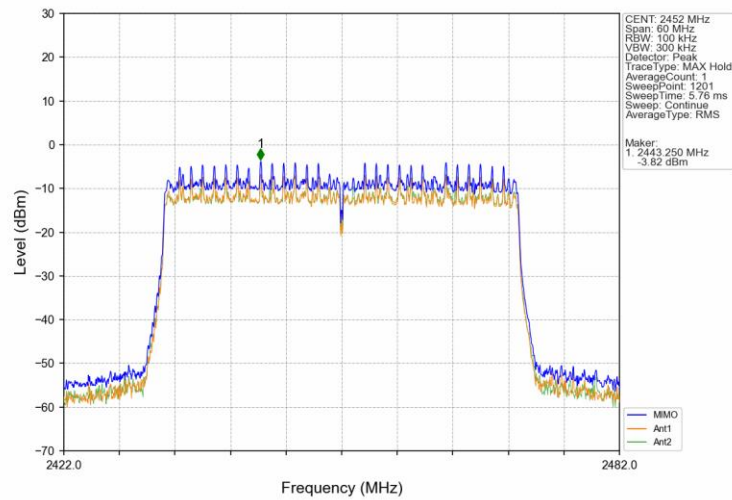


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802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant2 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_/_MIMO_NTNV



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	MIMO	2412	/	/	1	3.24
					2	3.32
		2437	/	/	1	3.17
					2	3.19
		2462	/	/	1	2.83
					2	3.16
802.11g	MIMO	2412	/	/	1	-3.83
					2	-3.53
		2437	/	/	1	-3.66
					2	-3.37
		2462	/	/	1	-3.99
					2	-3.82
802.11n (HT20)	MIMO	2412	/	/	1	-3.52
					2	-3.28
		2437	/	/	1	-3.79
					2	-3.76
		2462	/	/	1	-4.03
					2	-3.59
802.11n (HT40)	MIMO	2422	/	/	1	-6.56
					2	-6.38
		2437	/	/	1	-6.62
					2	-6.67
		2452	/	/	1	-6.65
					2	-6.71
802.11ax (HEW20)	MIMO	2412	SU	/	1	-3.79
					2	-3.66
		2437	SU	/	1	-3.67
					2	-3.63
		2462	SU	/	1	-3.93
					2	-3.85
802.11ax (HEW40)	MIMO	2422	SU	/	1	-6.89
					2	-6.85
		2437	SU	/	1	-6.72
					2	-6.77
		2452	SU	/	1	-6.73
					2	-6.79

5.1.2 CSE

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	MIMO	2412	/	/	1	3.24	-16.76	Pass
					2	3.32	-16.68	Pass
		2437	/	/	1	3.17	-16.83	Pass
					2	3.19	-16.81	Pass
		2462	/	/	1	2.83	-17.17	Pass
					2			

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					2	3.16	-16.84	Pass
802.11g	MIMO	2412	/	/	1	-3.83	-23.83	Pass
					2	-3.53	-23.53	Pass
		2437	/	/	1	-3.66	-23.66	Pass
					2	-3.37	-23.37	Pass
		2462	/	/	1	-3.99	-23.99	Pass
					2	-3.82	-23.82	Pass
802.11n (HT20)	MIMO	2412	/	/	1	-3.52	-23.52	Pass
					2	-3.28	-23.28	Pass
		2437	/	/	1	-3.79	-23.79	Pass
					2	-3.76	-23.76	Pass
		2462	/	/	1	-4.03	-24.03	Pass
					2	-3.59	-23.59	Pass
802.11n (HT40)	MIMO	2422	/	/	1	-6.56	-26.56	Pass
					2	-6.38	-26.38	Pass
		2437	/	/	1	-6.62	-26.62	Pass
					2	-6.67	-26.67	Pass
		2452	/	/	1	-6.65	-26.65	Pass
					2	-6.71	-26.71	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	1	-3.79	-23.79	Pass
					2	-3.66	-23.66	Pass
		2437	SU	/	1	-3.67	-23.67	Pass
					2	-3.63	-23.63	Pass
		2462	SU	/	1	-3.93	-23.93	Pass
					2	-3.85	-23.85	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	1	-6.89	-26.89	Pass
					2	-6.85	-26.85	Pass
		2437	SU	/	1	-6.72	-26.72	Pass
					2	-6.77	-26.77	Pass
		2452	SU	/	1	-6.73	-26.73	Pass
					2	-6.79	-26.79	Pass

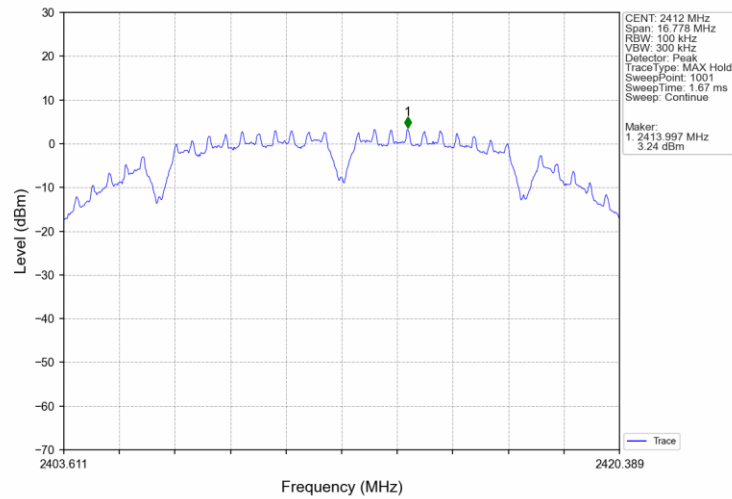


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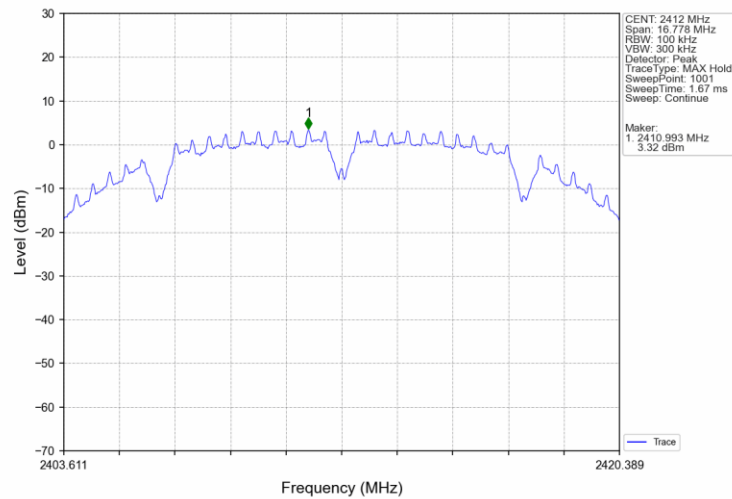
5.2 Test Graph

5.2.1 Ref

802.11b_LCH_2412MHz_Ant1 (MIMO)_NTNV



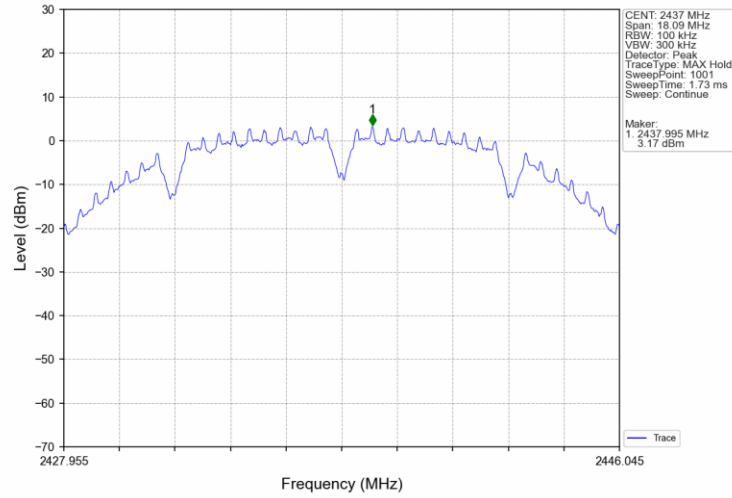
802.11b_LCH_2412MHz_Ant2 (MIMO)_NTNV



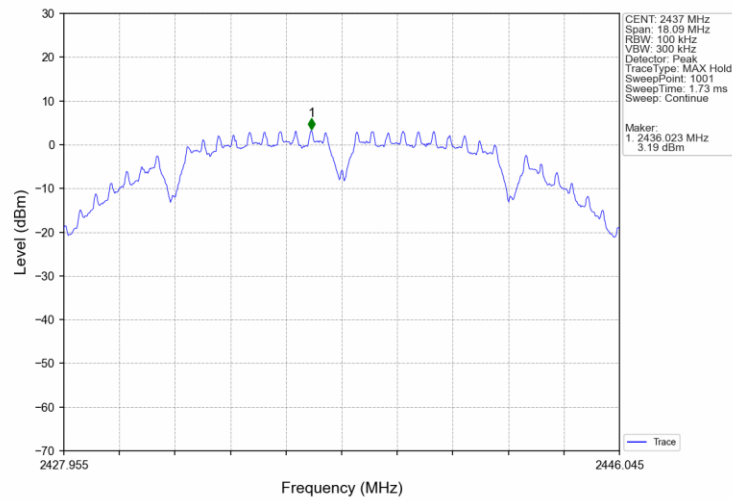


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802.11b_MCH_2437MHz_Ant1 (MIMO)_NTNV



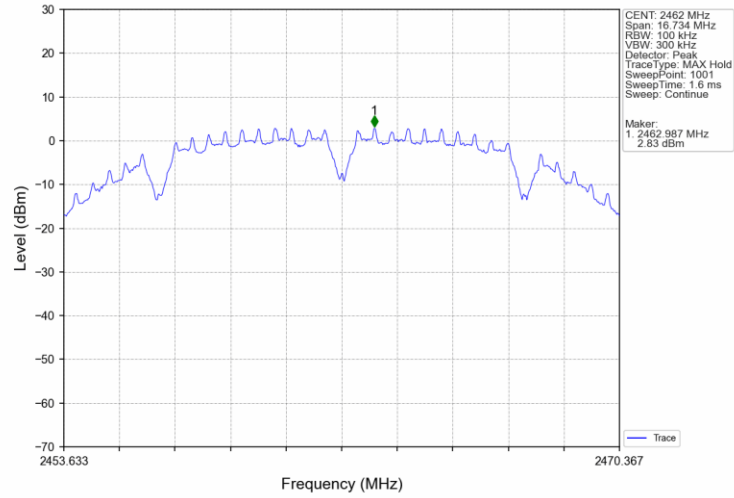
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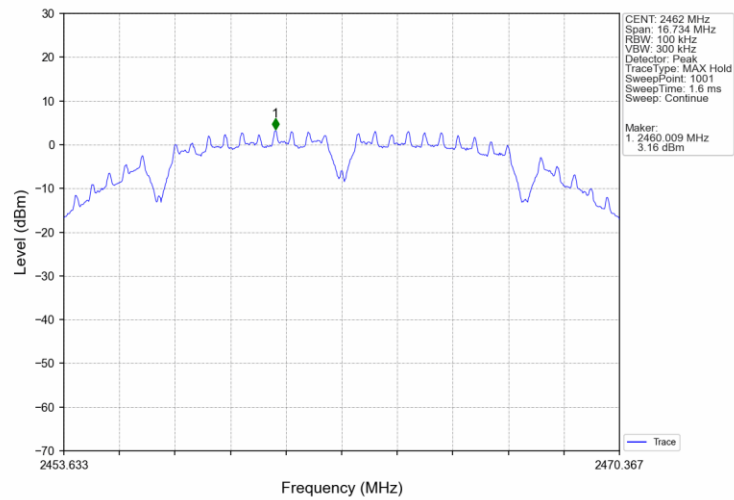


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802.11b_HCH_2462MHz_Ant1 (MIMO)_NTNV



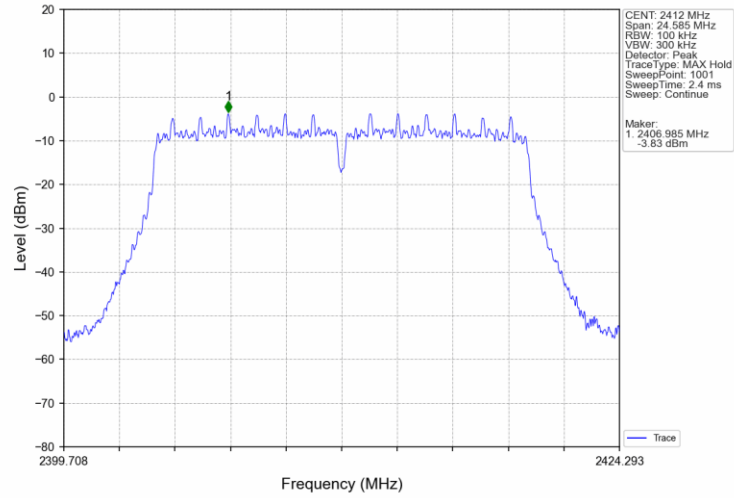
802.11b_HCH_2462MHz_Ant2 (MIMO)_NTNV



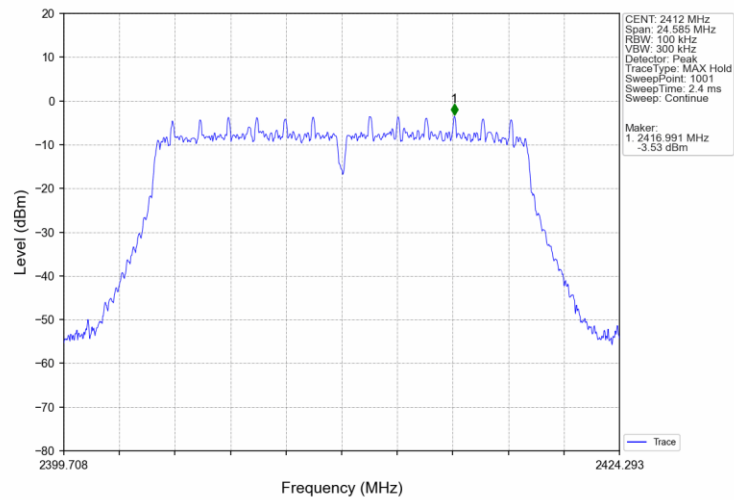


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802.11g_LCH_2412MHz_Ant1 (MIMO)_NTNV



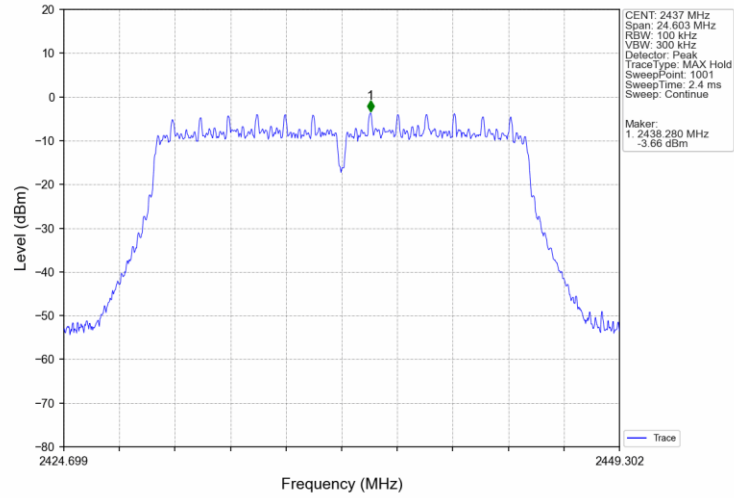
802.11g_LCH_2412MHz_Ant2 (MIMO)_NTNV



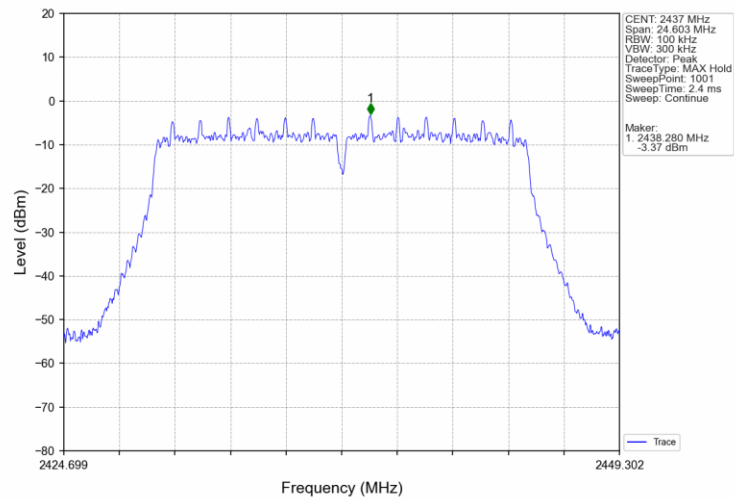


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802.11g_MCH_2437MHz_Ant1 (MIMO)_NTNV



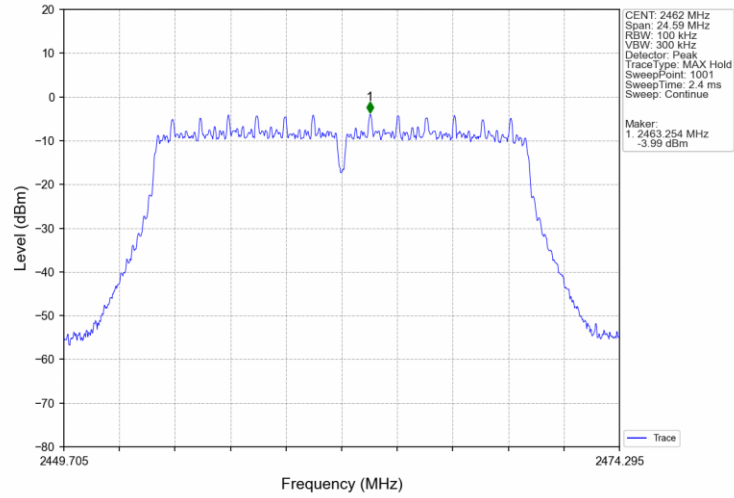
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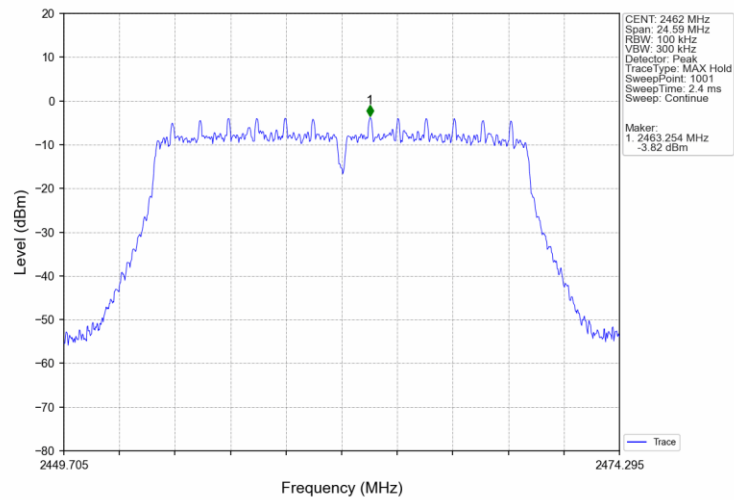


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802.11g_HCH_2462MHz_Ant1 (MIMO)_NTNV

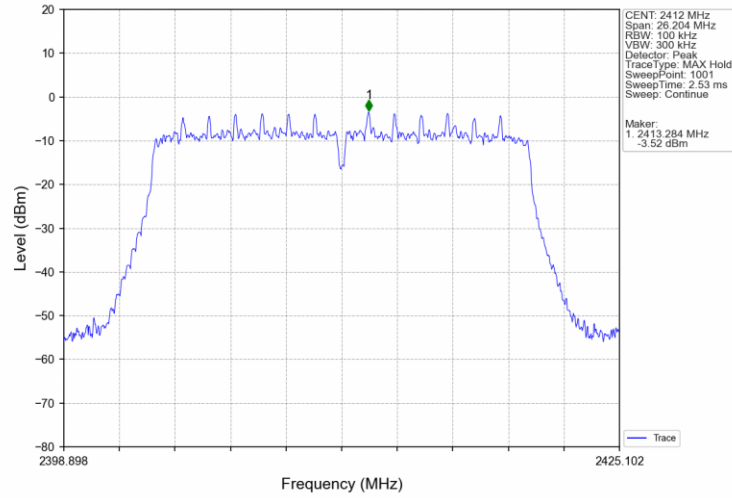


802.11g_HCH_2462MHz_Ant2 (MIMO)_NTNV

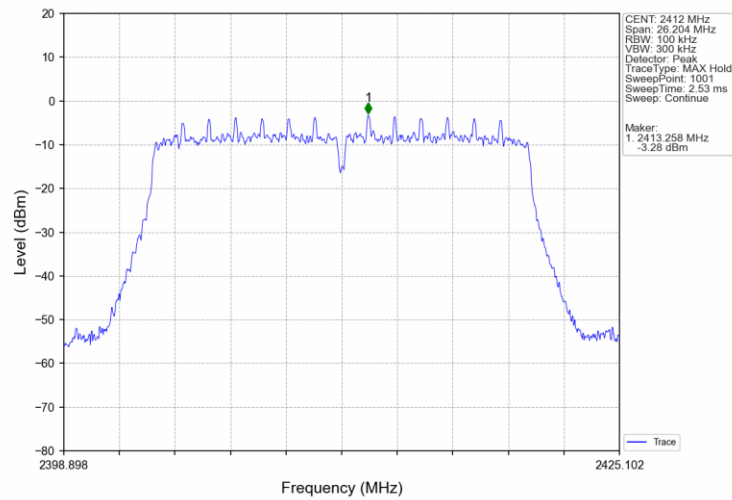




802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



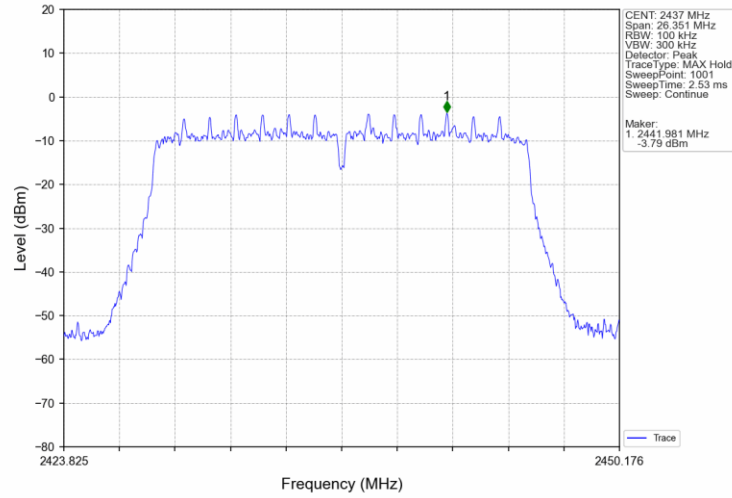
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



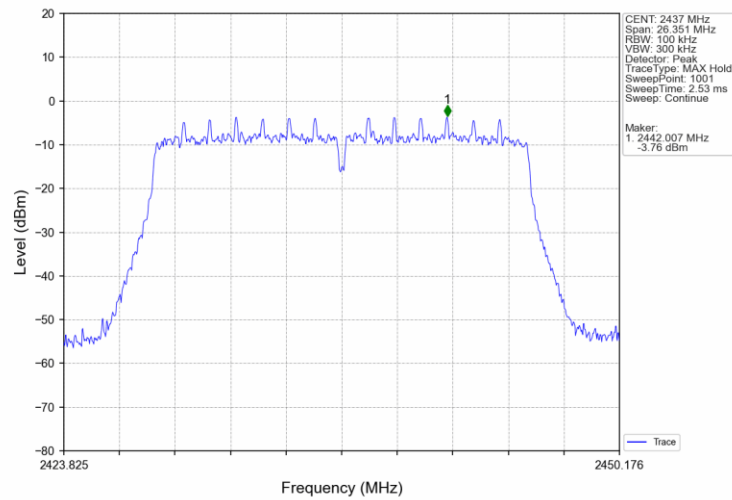


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802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV

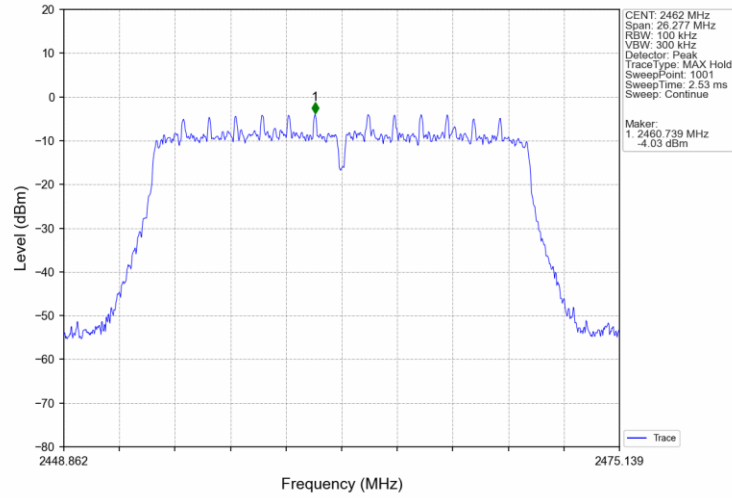


802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV

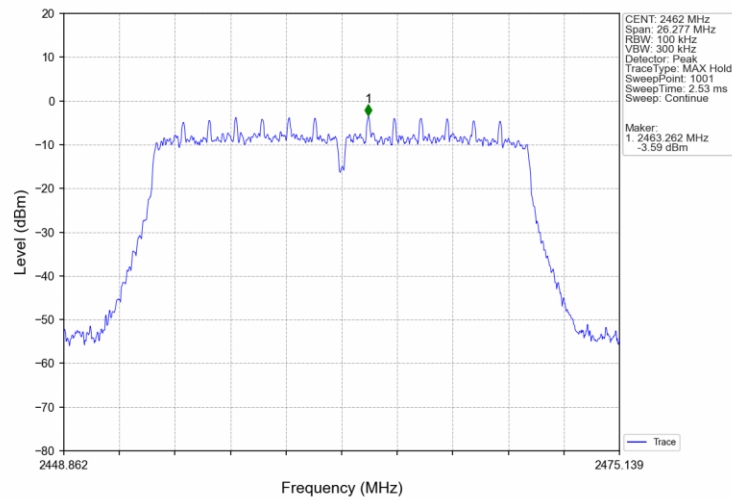




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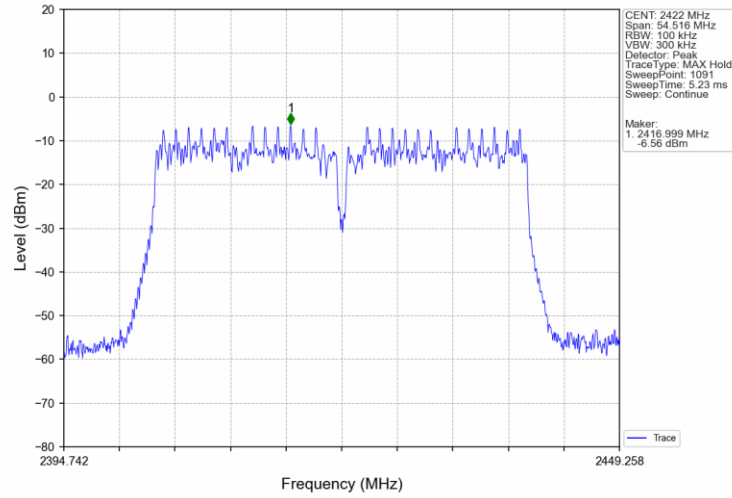


802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV

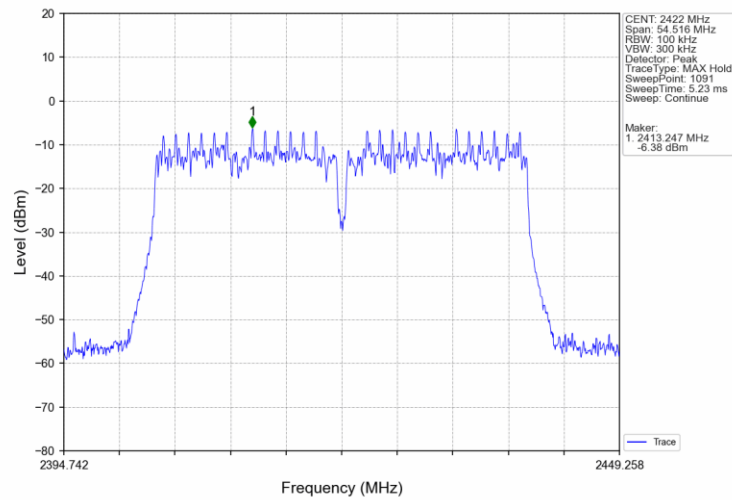




802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV

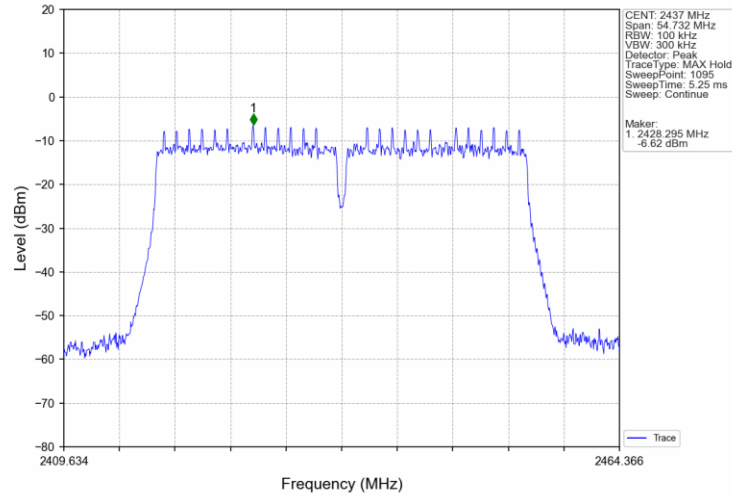


802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV





802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV

