

1. Duty Cycle

1.1 Test Result

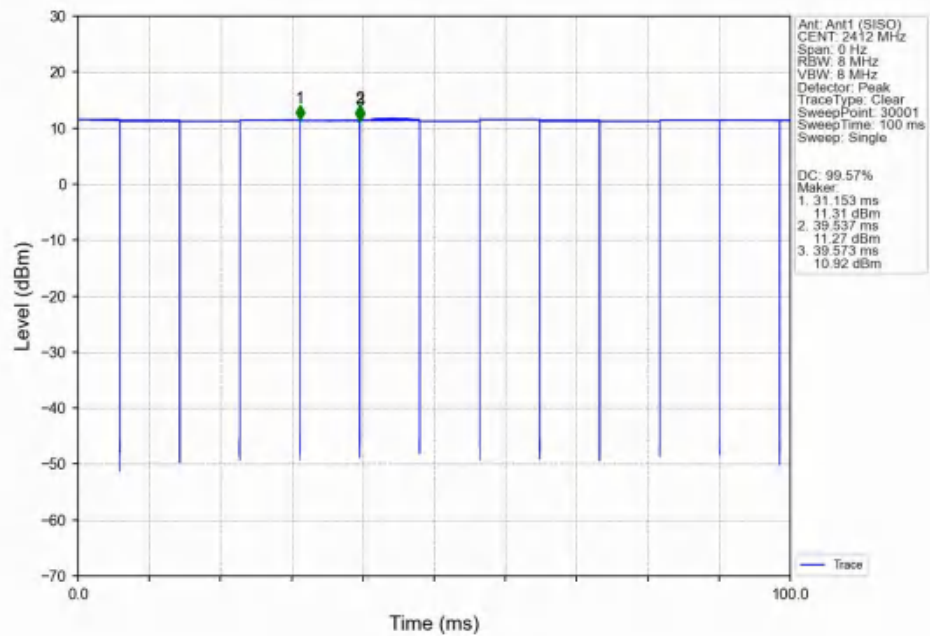
1.1.1 Ant1

Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	/	/	8.384	8.420	99.57	0.02	0.04
		2437	/	/	8.384	8.420	99.57	0.02	0.04
		2462	/	/	8.383	8.420	99.56	0.02	0.04
802.11g	SISO	2412	/	/	1.394	1.437	97.01	0.13	0.03
		2437	/	/	1.394	1.436	97.08	0.13	0.00
		2462	/	/	1.394	1.436	97.08	0.13	0.03
802.11n (HT20)	SISO	2412	/	/	1.302	1.344	96.88	0.14	0.03
		2437	/	/	1.302	1.345	96.80	0.14	0.03
		2462	/	/	1.302	1.344	96.88	0.14	0.03
802.11n (HT40)	SISO	2422	/	/	0.649	0.692	93.79	0.28	0.03
		2437	/	/	0.650	0.692	93.93	0.27	0.03
		2452	/	/	0.650	0.692	93.93	0.27	0.00
802.11ax (HE20)	SISO	2412	SU	/	1.312	1.356	96.76	0.14	0.00
		2437	SU	/	1.312	1.356	96.76	0.14	0.00
		2462	SU	/	1.313	1.356	96.83	0.14	0.00
802.11ax (HE40)	SISO	2422	SU	/	0.653	0.696	93.82	0.28	0.07
		2437	SU	/	0.652	0.696	93.68	0.28	0.07
		2452	SU	/	0.652	0.696	93.68	0.28	0.07
802.11ac (VHT20)	SISO	2412	/	/	1.314	1.357	96.83	0.14	0.03
		2437	/	/	1.314	1.357	96.83	0.14	0.03
		2462	/	/	1.314	1.356	96.90	0.14	0.03
802.11ac (VHT40)	SISO	2422	/	/	0.653	0.696	93.82	0.28	0.03
		2437	/	/	0.654	0.696	93.97	0.27	0.07
		2452	/	/	0.654	0.696	93.97	0.27	0.03

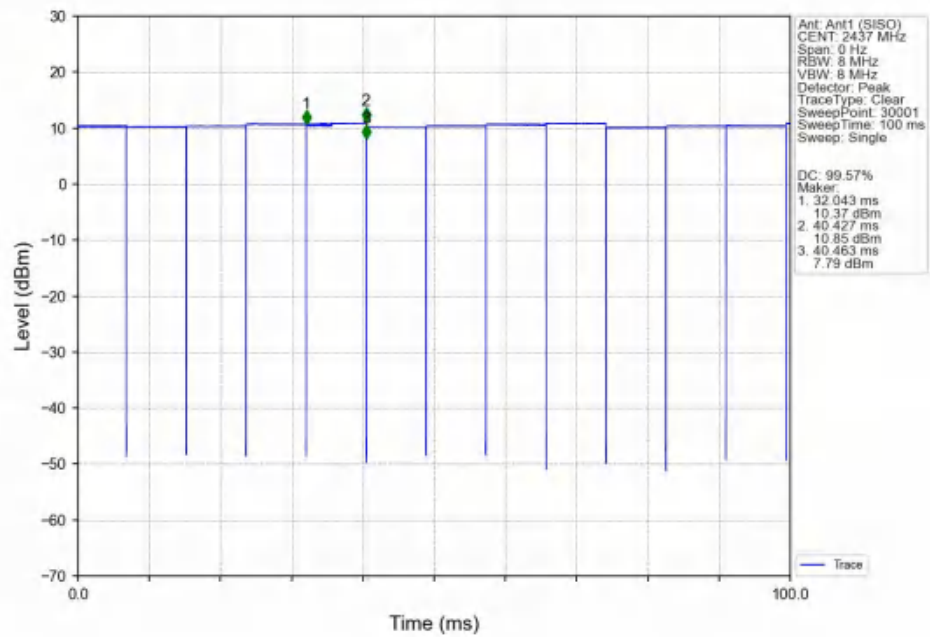
1.2 Test Graph

1.2.1 Ant1

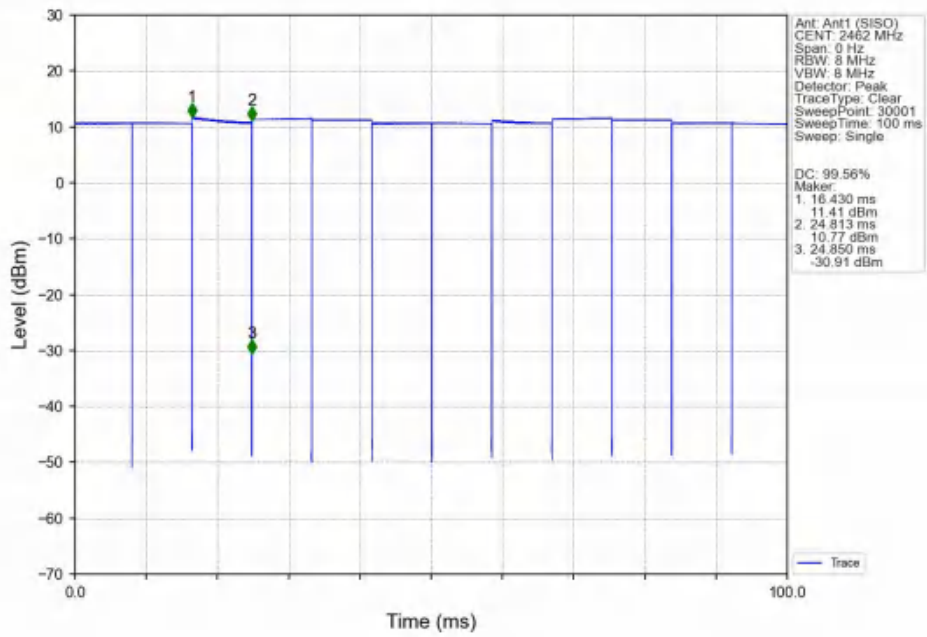
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



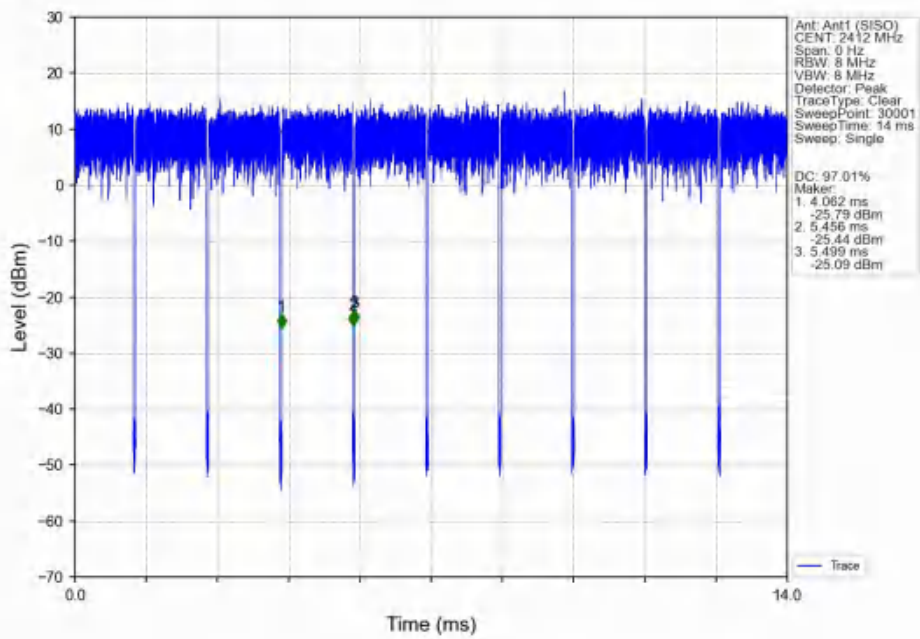
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



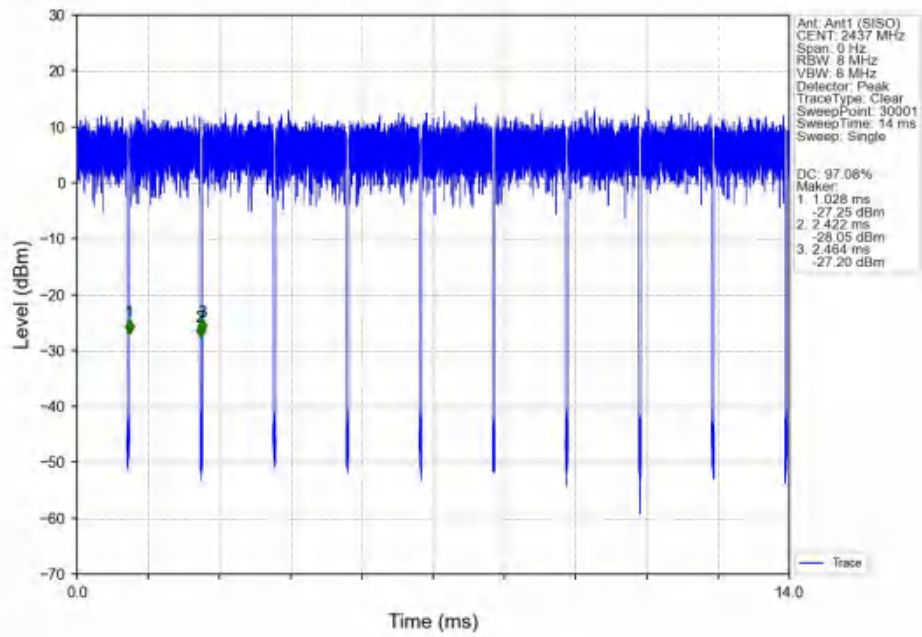
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



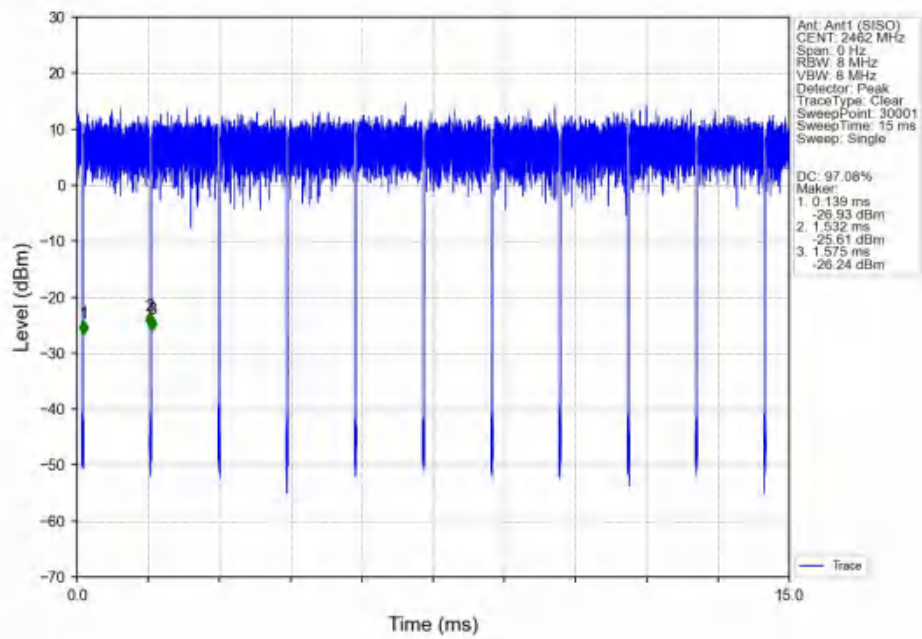
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



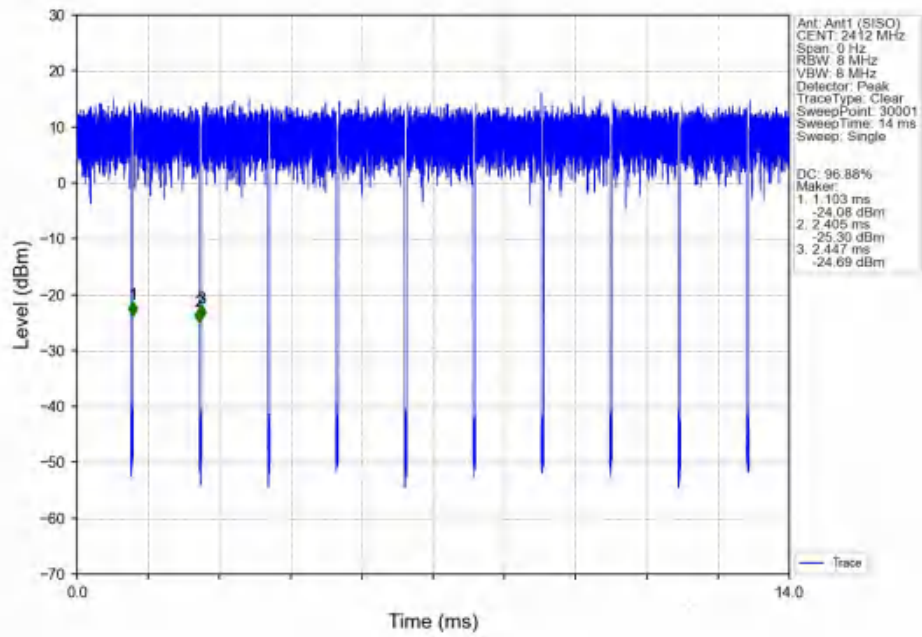
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



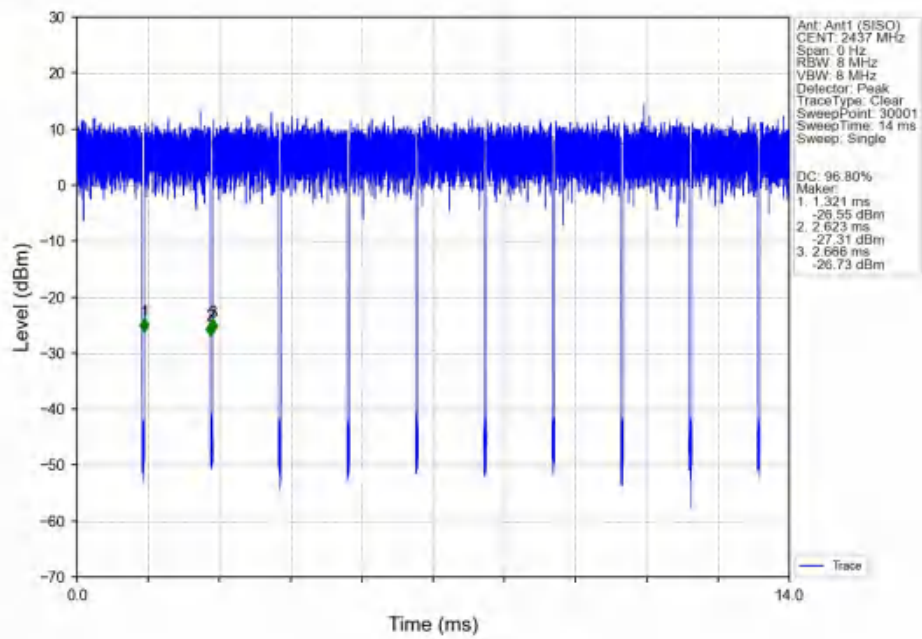
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



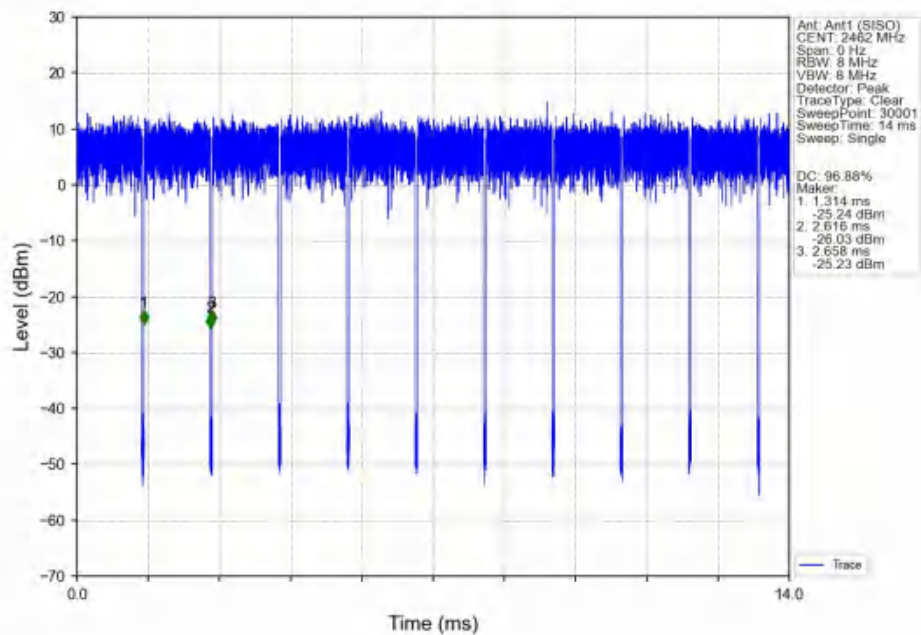
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



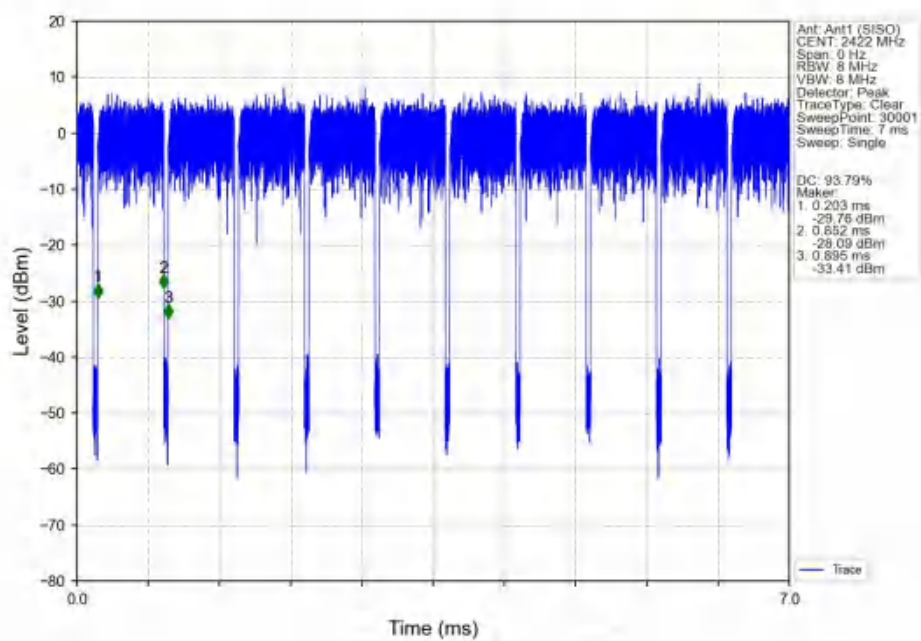
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



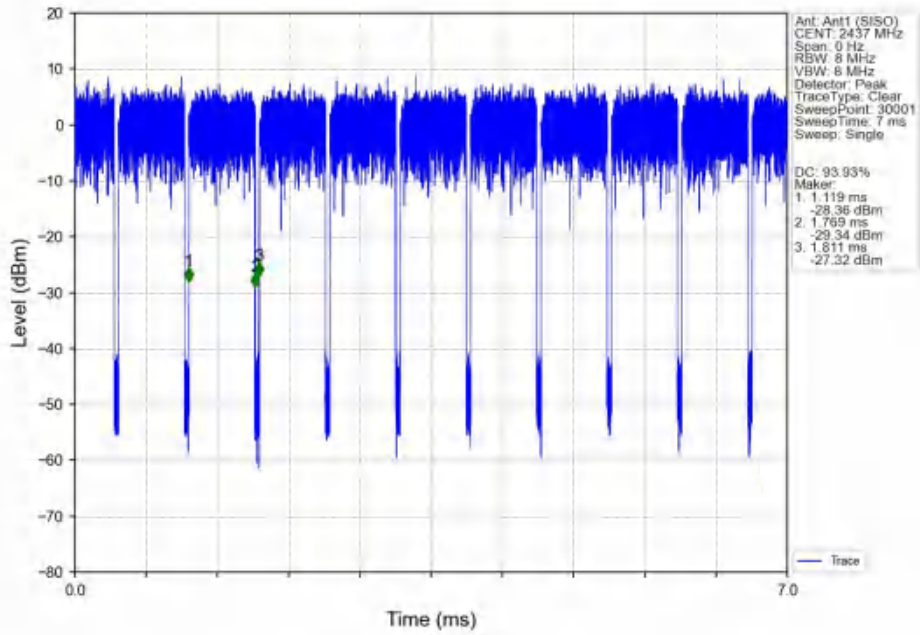
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



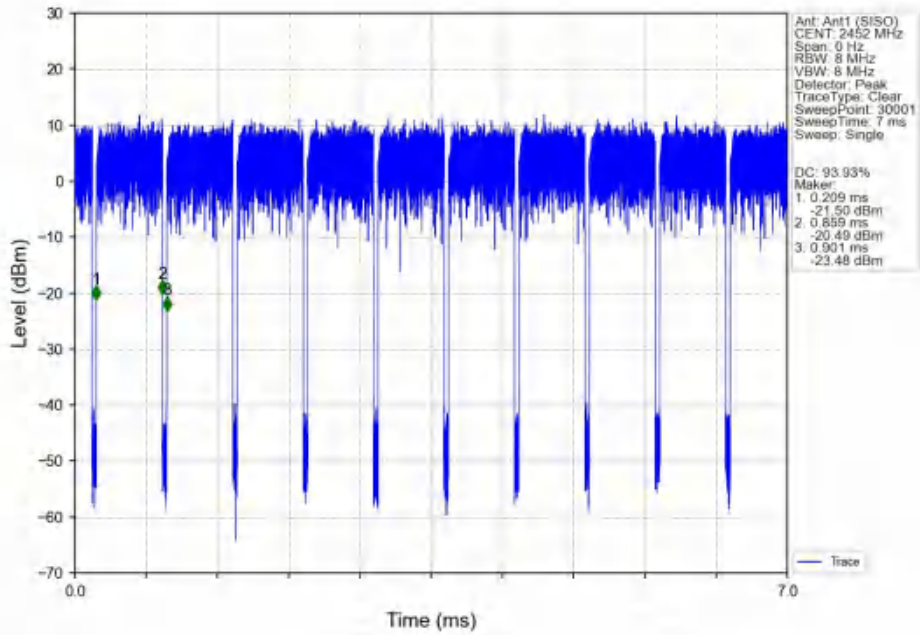
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



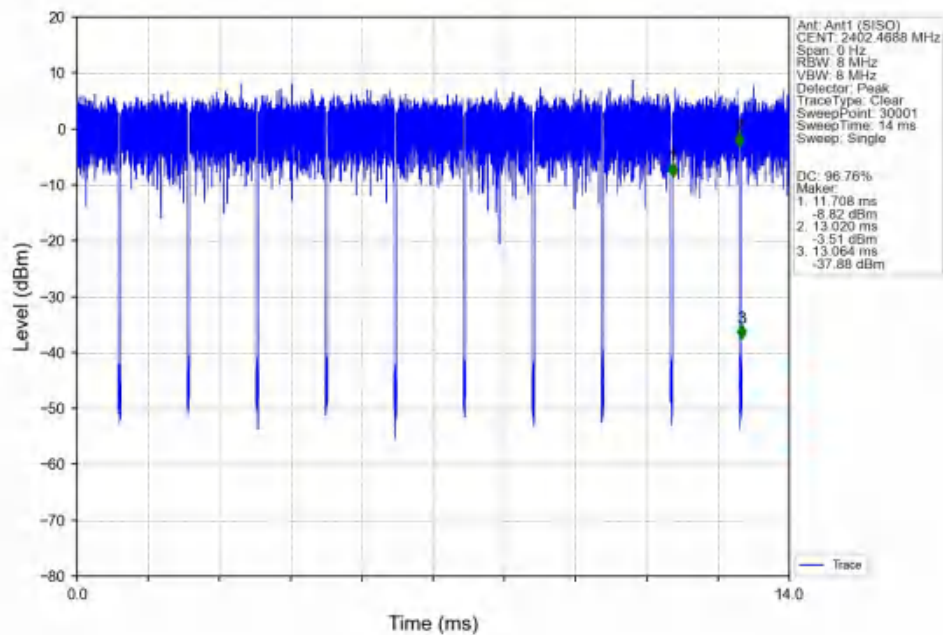
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



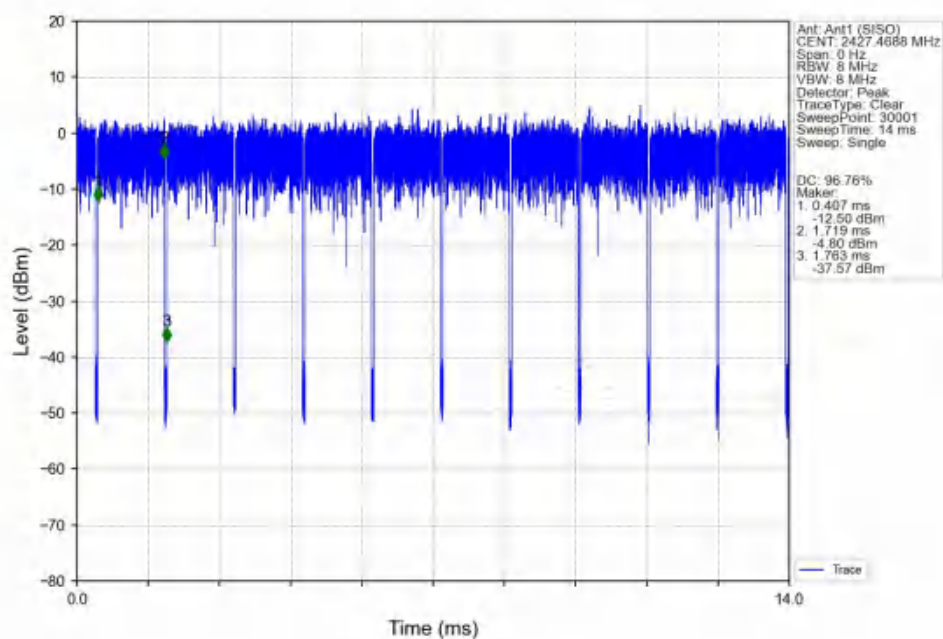
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



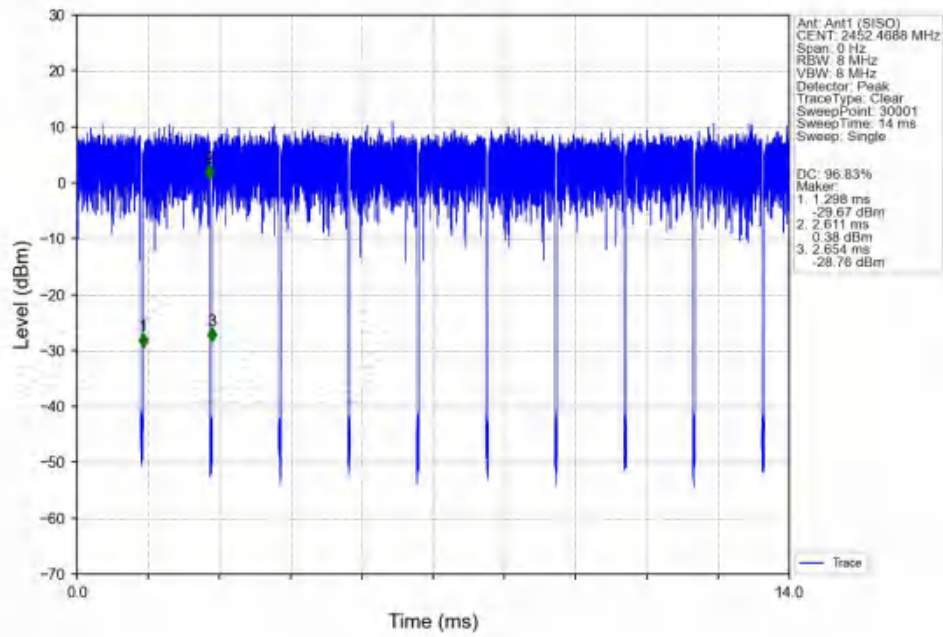
802.11ax(HE20)_LCH_2412MHz_SU_/_Ant1(SISO)_NTNV



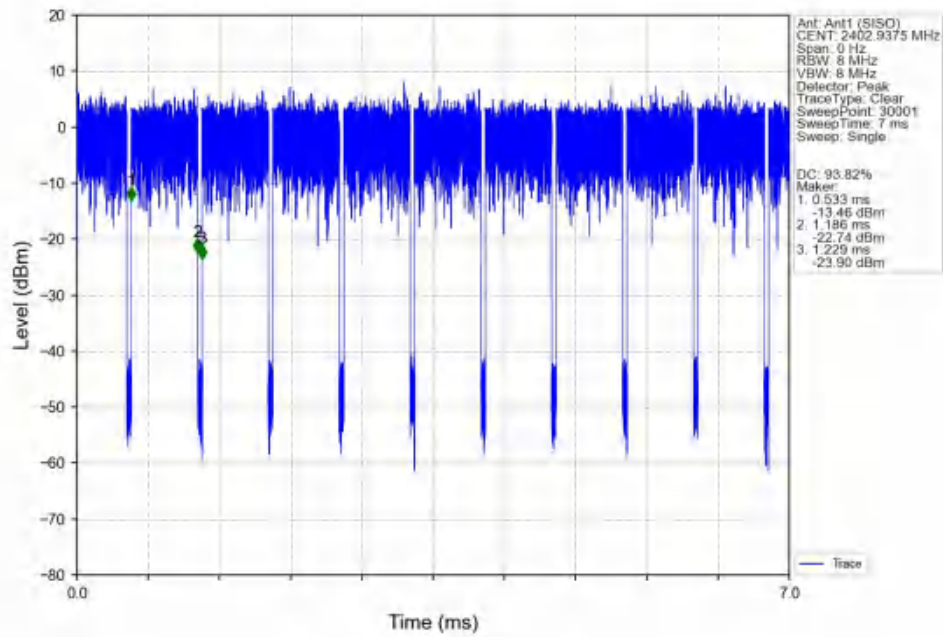
802.11ax(HE20)_MCH_2437MHz_SU_/_Ant1(SISO)_NTNV



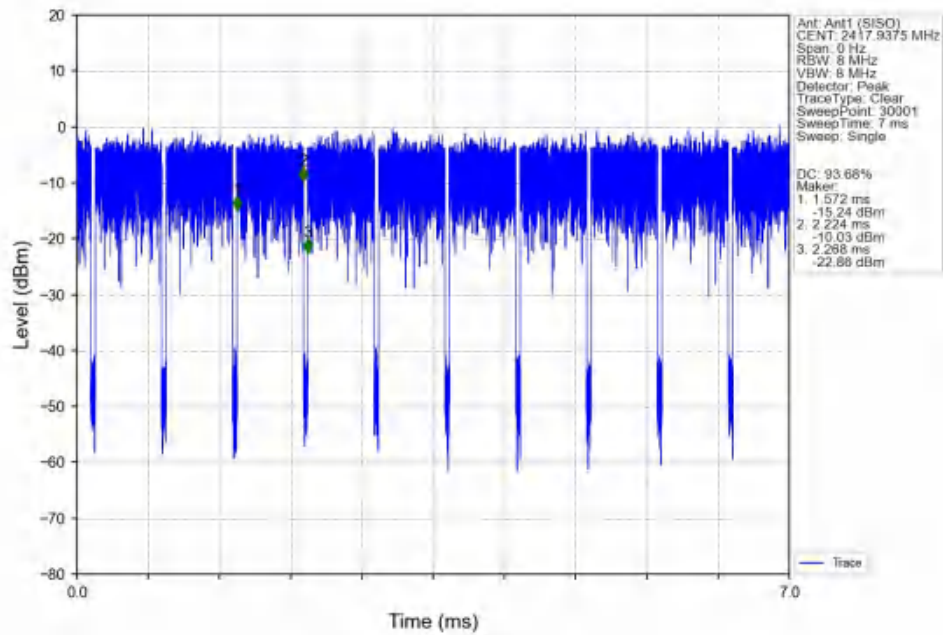
802.11ax(HE20)_HCH_2462MHz_SU_/_Ant1(SISO)_NTNV



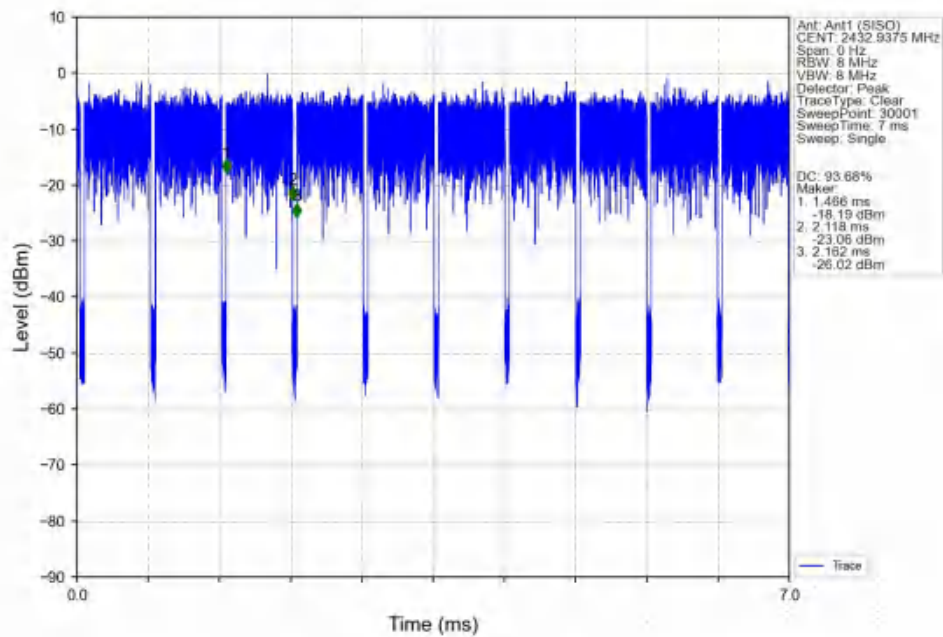
802.11ax(HE40)_LCH_2422MHz_SU_/_Ant1(SISO)_NTNV



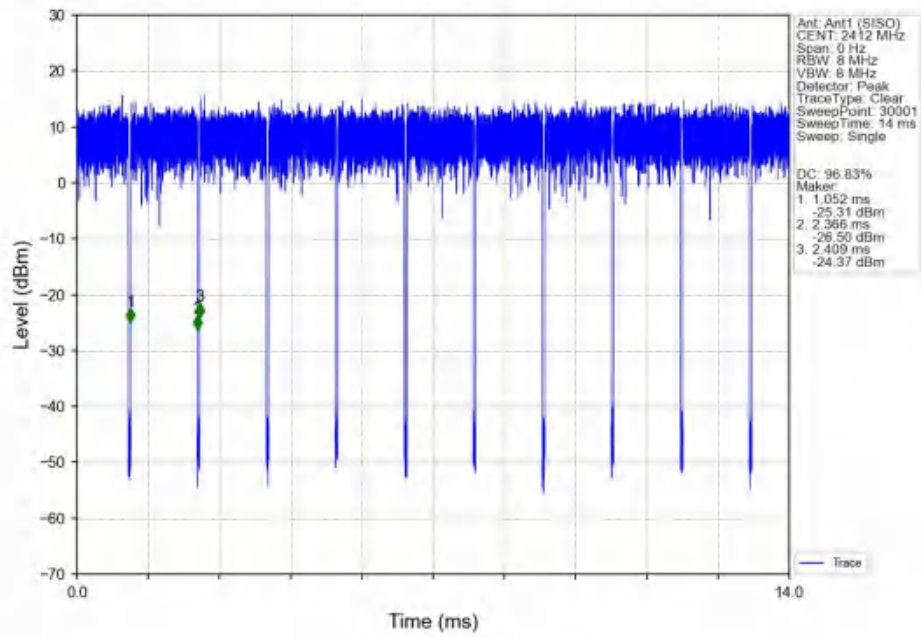
802.11ax(HE40)_MCH_2437MHz_SU_/_Ant1(SISO)_NTNV



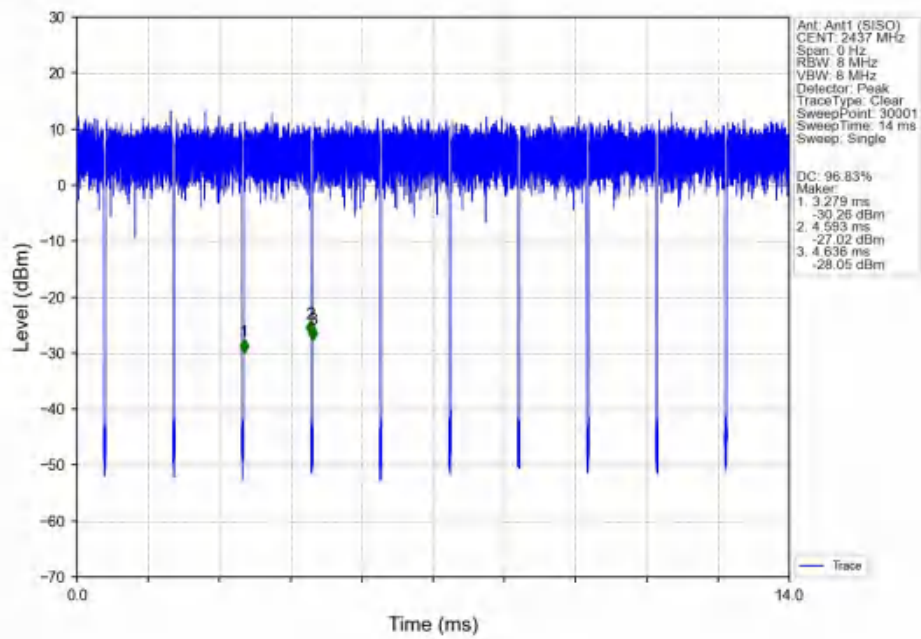
802.11ax(HE40)_HCH_2452MHz_SU_/_Ant1(SISO)_NTNV



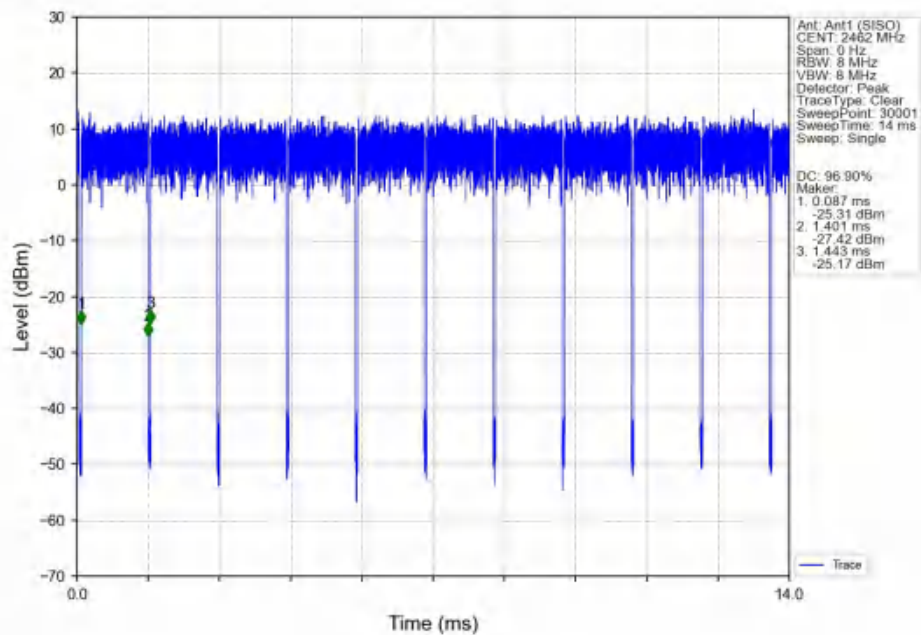
802.11ac(VHT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



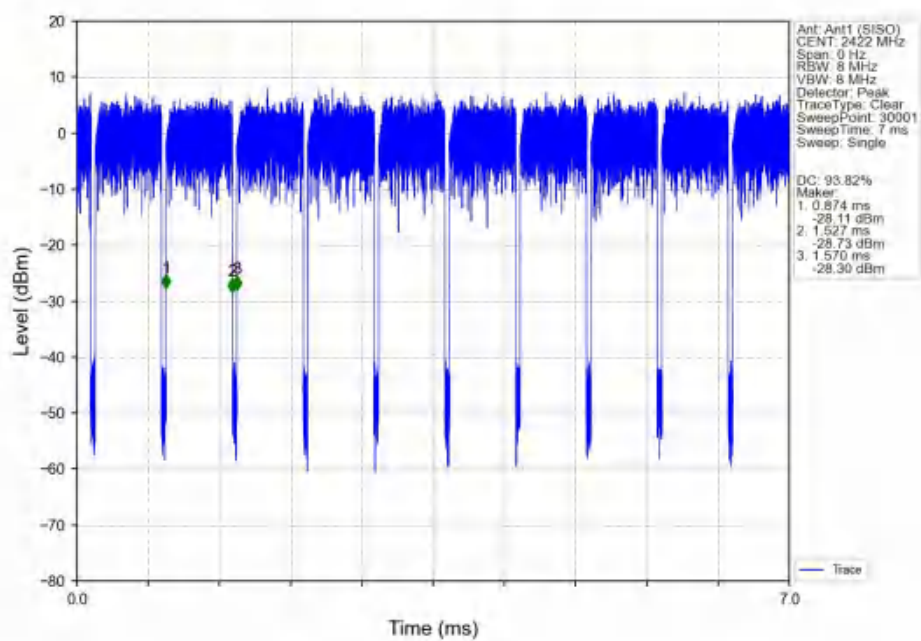
802.11ac(VHT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



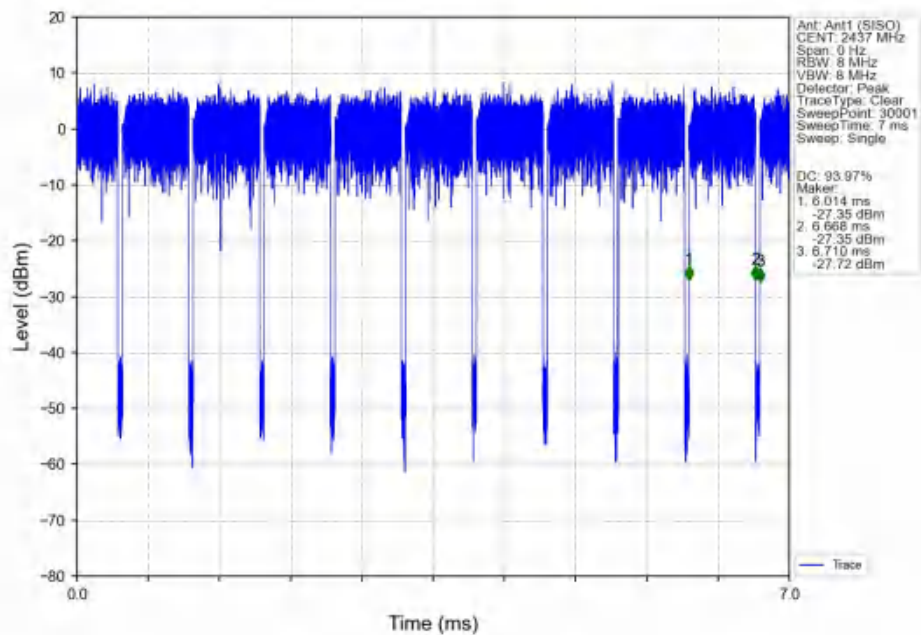
802.11ac(VHT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



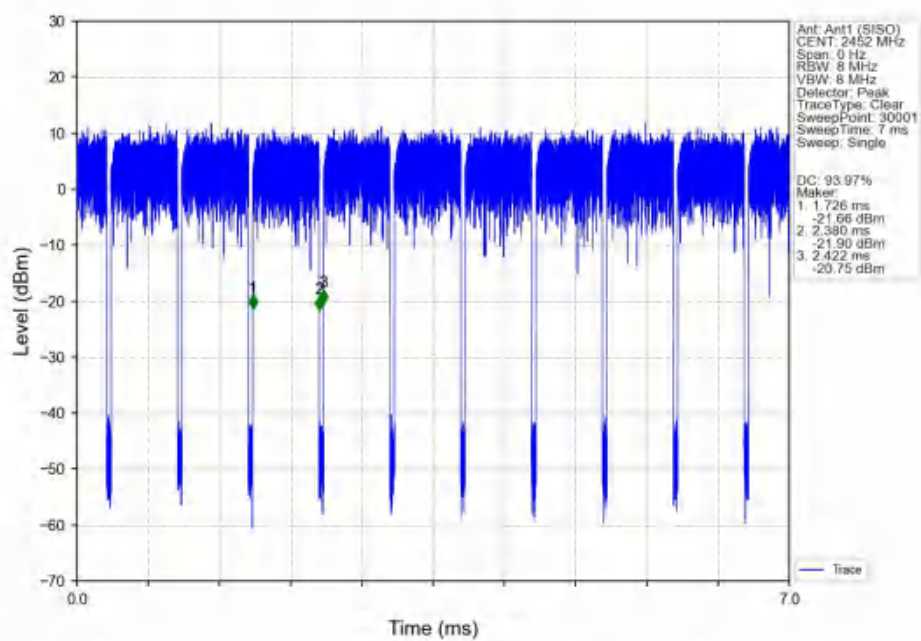
802.11ac(VHT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2. -6 dB Bandwidth and 99% Bandwidth Measurement

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	10.854	/	Pass
		2437	/	/	1	13.479	/	Pass
		2462	/	/	1	13.810	/	Pass
802.11g	SISO	2412	/	/	1	15.652	/	Pass
		2437	/	/	1	17.102	/	Pass
		2462	/	/	1	17.387	/	Pass
802.11n (HT20)	SISO	2412	/	/	1	16.704	/	Pass
		2437	/	/	1	17.887	/	Pass
		2462	/	/	1	18.266	/	Pass
802.11n (HT40)	SISO	2422	/	/	1	36.748	/	Pass
		2437	/	/	1	36.368	/	Pass
		2452	/	/	1	36.447	/	Pass
802.11ax (HE20)	SISO	2412	SU	/	1	16.710	/	Pass
		2437	SU	/	1	17.952	/	Pass
		2462	SU	/	1	18.219	/	Pass
802.11ax (HE40)	SISO	2422	SU	/	1	36.292	/	Pass
		2437	SU	/	1	36.393	/	Pass
		2452	SU	/	1	36.326	/	Pass
802.11ac (VHT20)	SISO	2412	/	/	1	16.642	/	Pass
		2437	/	/	1	17.880	/	Pass
		2462	/	/	1	18.275	/	Pass
802.11ac (VHT40)	SISO	2422	/	/	1	36.334	/	Pass
		2437	/	/	1	36.334	/	Pass
		2452	/	/	1	36.384	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	6.580	>=0.5	Pass
		2437	/	/	1	8.660	>=0.5	Pass
		2462	/	/	1	8.712	>=0.5	Pass
802.11g	SISO	2412	/	/	1	8.416	>=0.5	Pass
		2437	/	/	1	9.661	>=0.5	Pass
		2462	/	/	1	16.529	>=0.5	Pass
802.11n (HT20)	SISO	2412	/	/	1	8.810	>=0.5	Pass
		2437	/	/	1	10.313	>=0.5	Pass
		2462	/	/	1	17.945	>=0.5	Pass
802.11n (HT40)	SISO	2422	/	/	1	35.647	>=0.5	Pass
		2437	/	/	1	35.586	>=0.5	Pass
		2452	/	/	1	35.667	>=0.5	Pass
802.11ax (HE20)	SISO	2412	SU	/	1	8.862	>=0.5	Pass
		2437	SU	/	1	8.260	>=0.5	Pass
		2462	SU	/	1	17.954	>=0.5	Pass
802.11ax (HE40)	SISO	2422	SU	/	1	35.724	>=0.5	Pass
		2437	SU	/	1	35.518	>=0.5	Pass
		2452	SU	/	1	35.875	>=0.5	Pass
802.11ac	SISO	2412	/	/	1	9.063	>=0.5	Pass

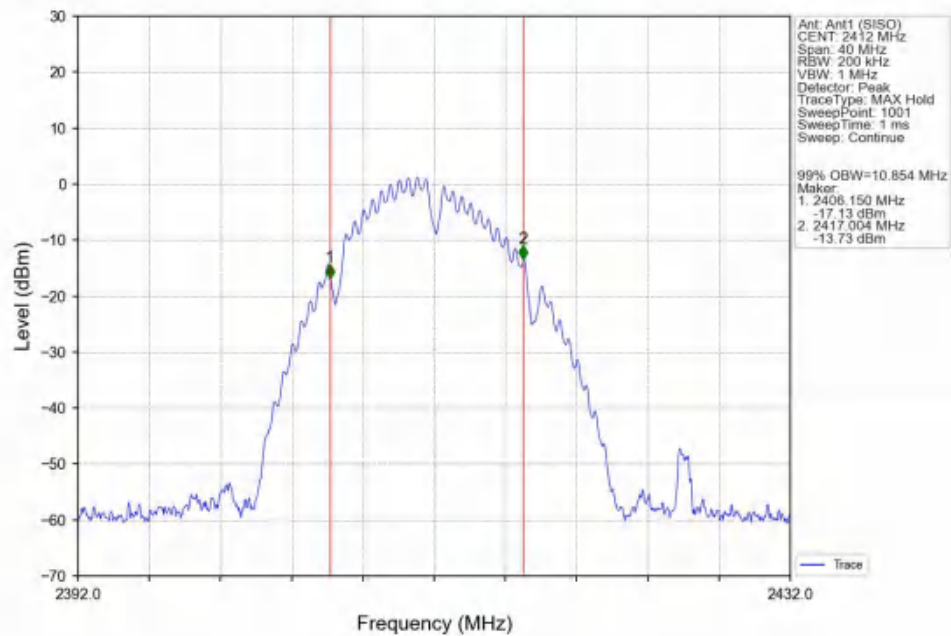
FCC ID: 2AH3J-HS86-MINI-14

(VHT20)		2437	/	/	1	10.305	≥ 0.5	Pass
		2462	/	/	1	17.902	≥ 0.5	Pass
802.11ac (VHT40)	SISO	2422	/	/	1	35.732	≥ 0.5	Pass
		2437	/	/	1	35.299	≥ 0.5	Pass
		2452	/	/	1	35.384	≥ 0.5	Pass

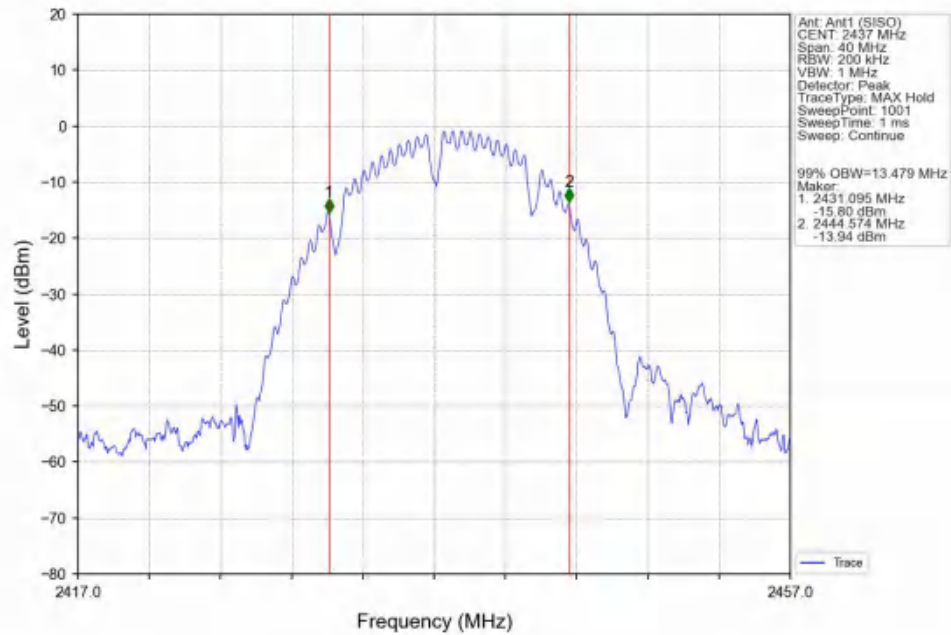
2.2 Test Graph

2.2.1 OBW

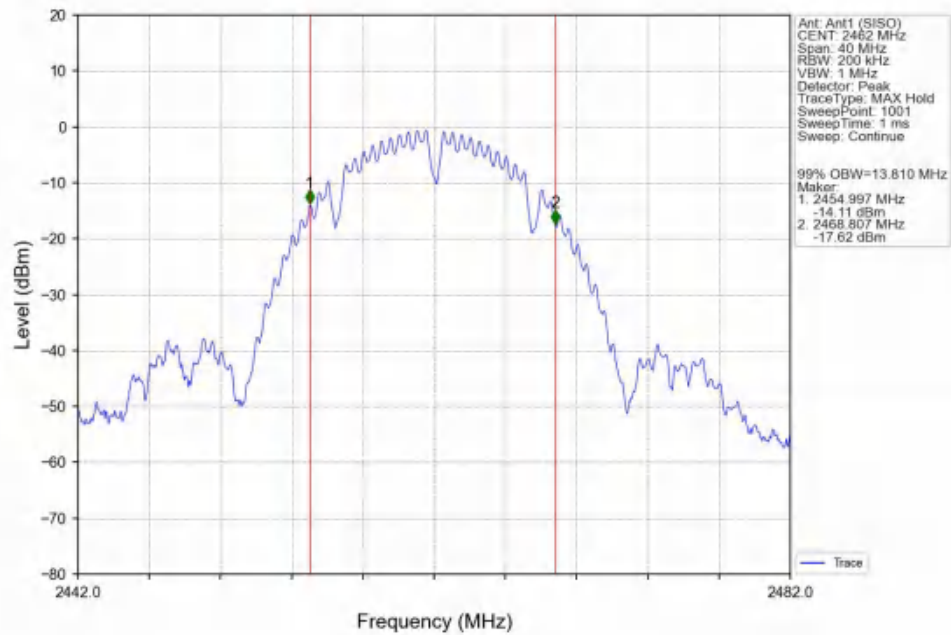
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



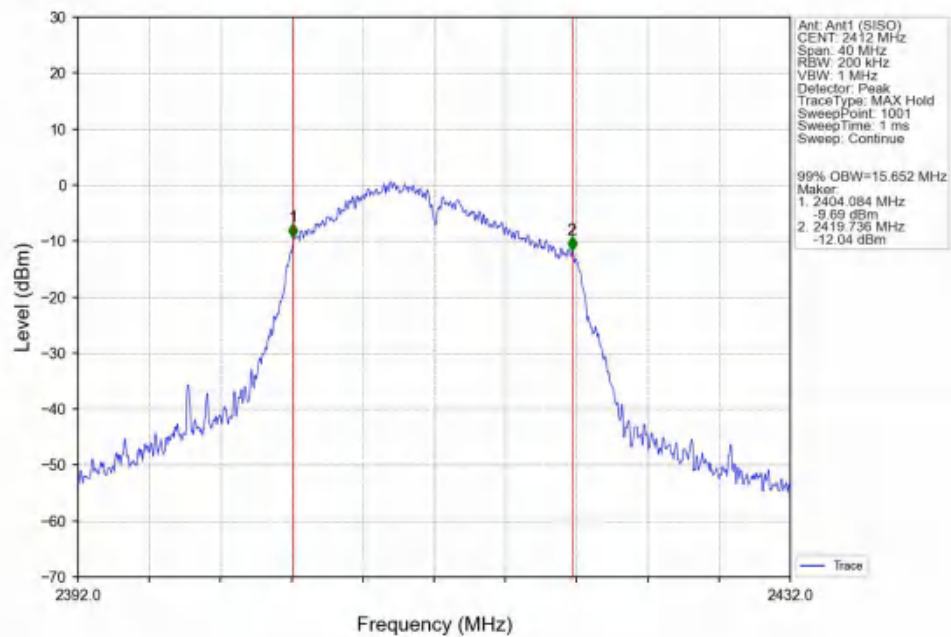
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



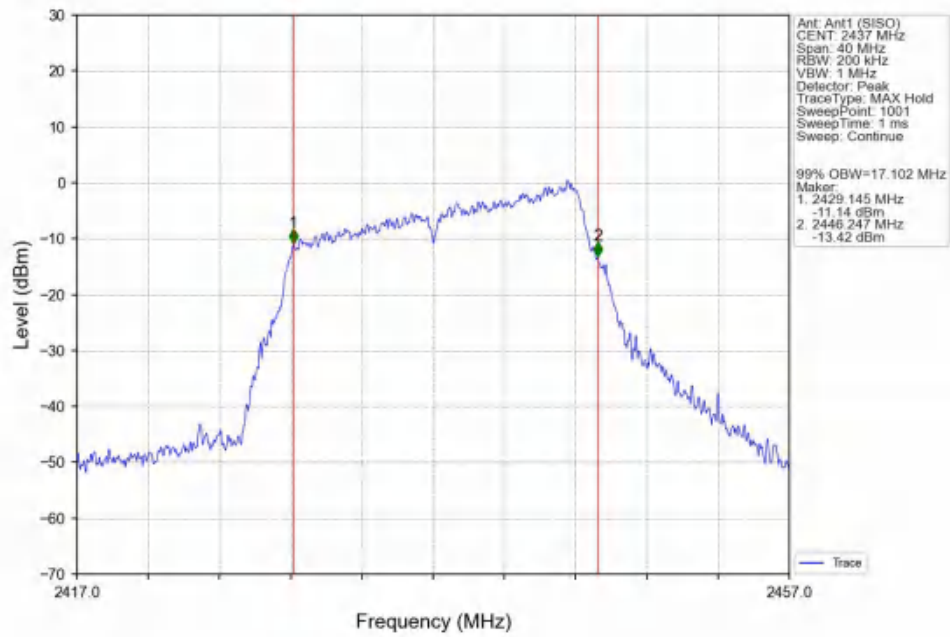
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



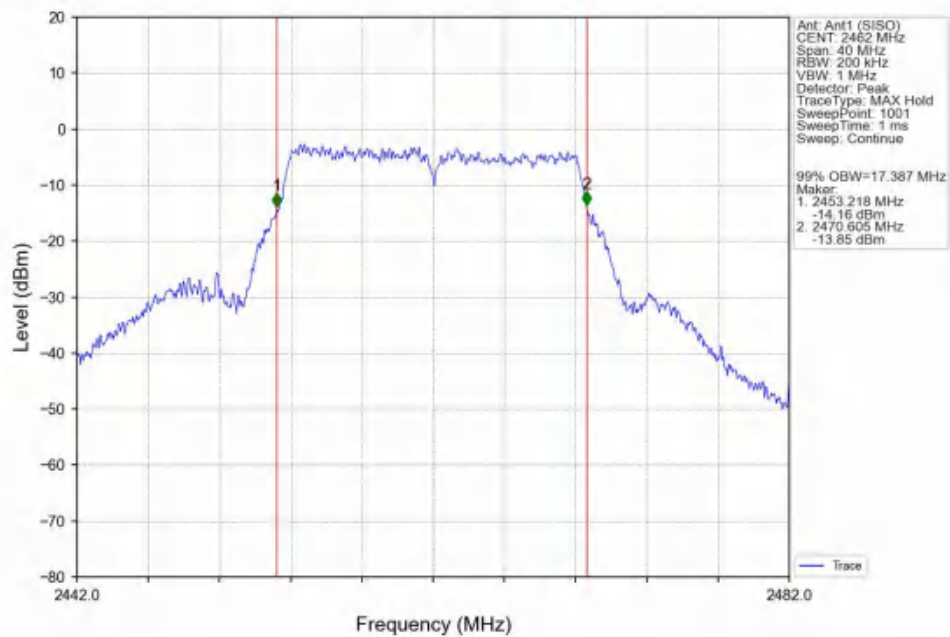
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



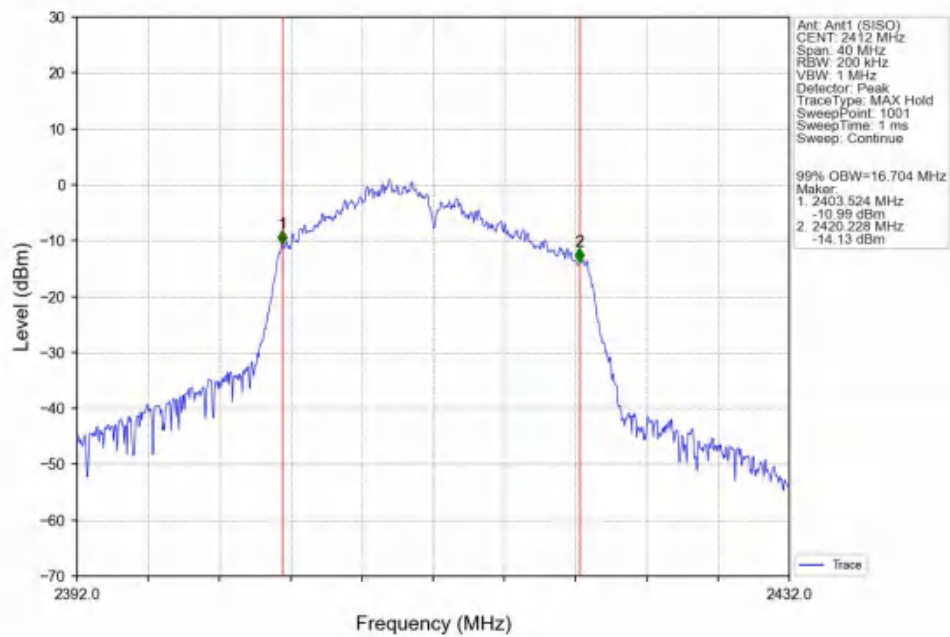
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



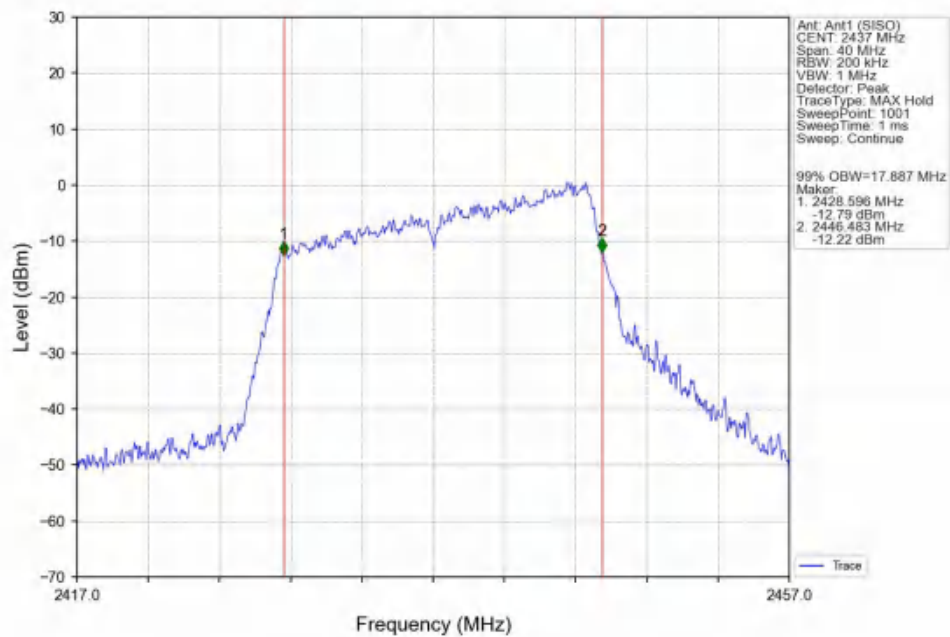
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



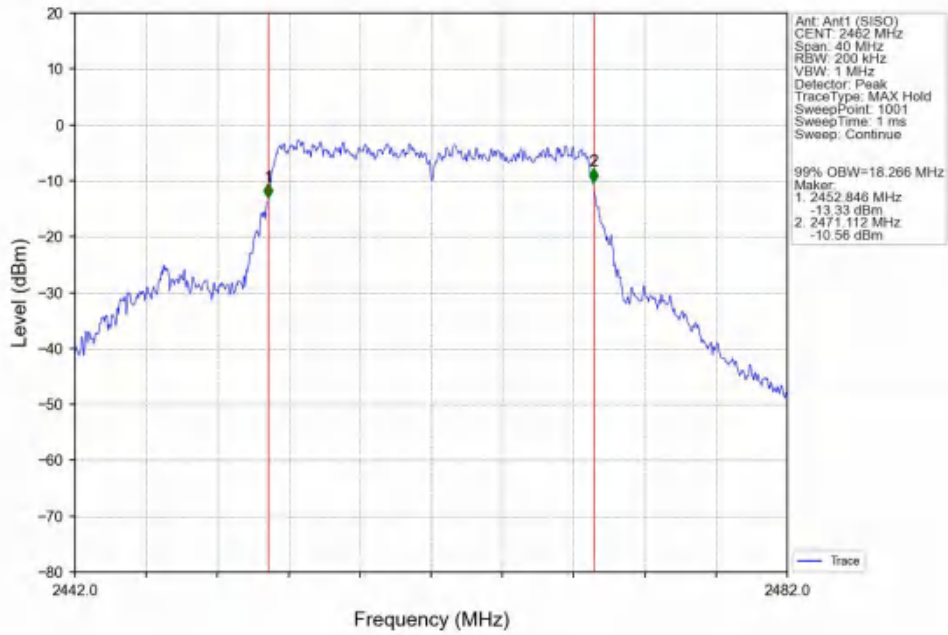
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



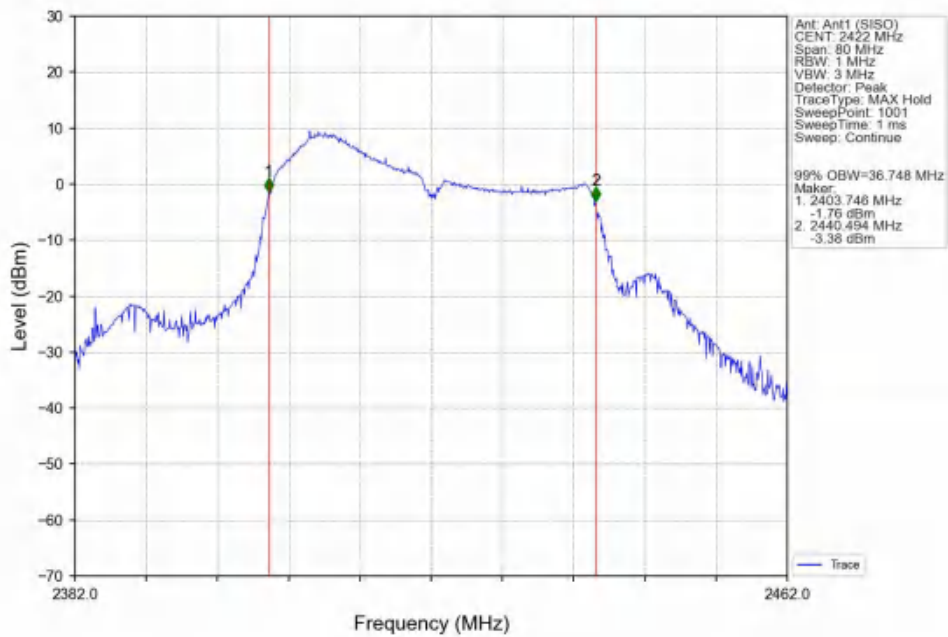
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



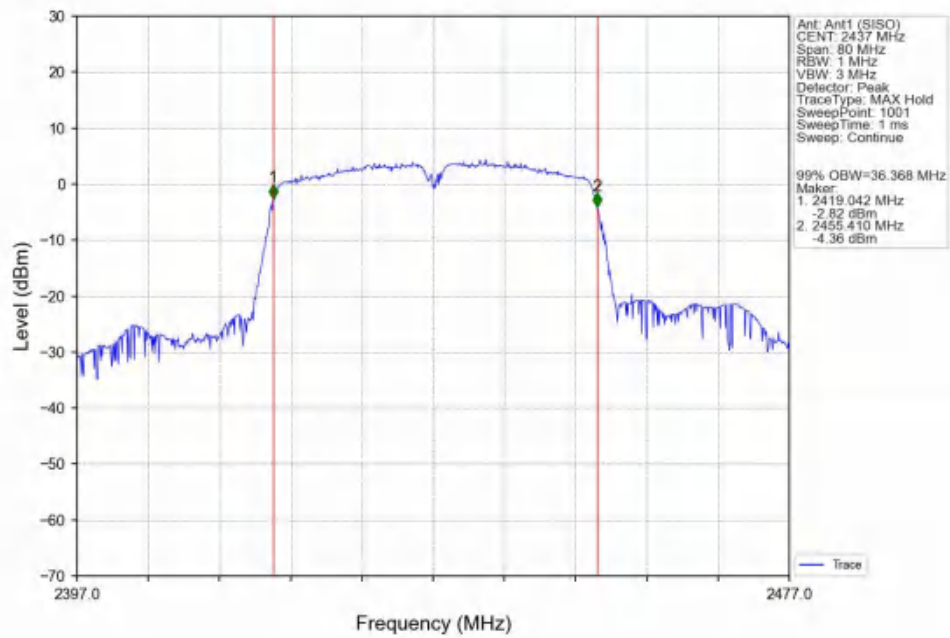
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



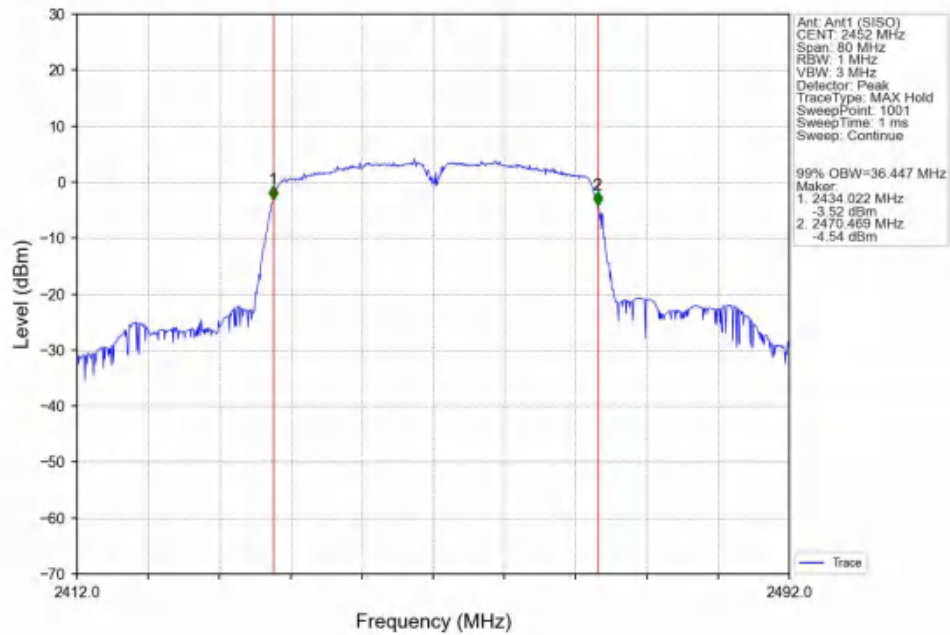
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



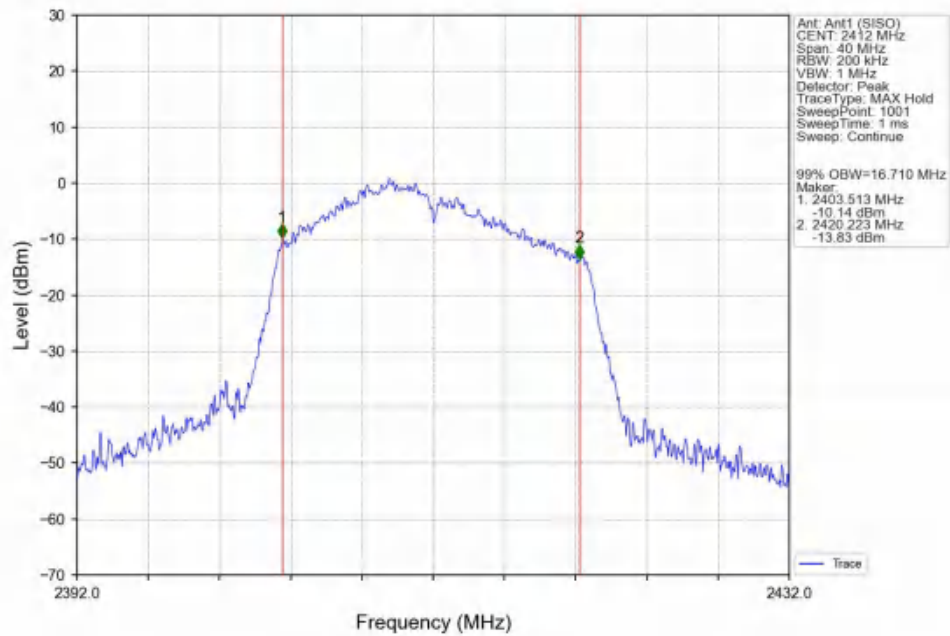
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



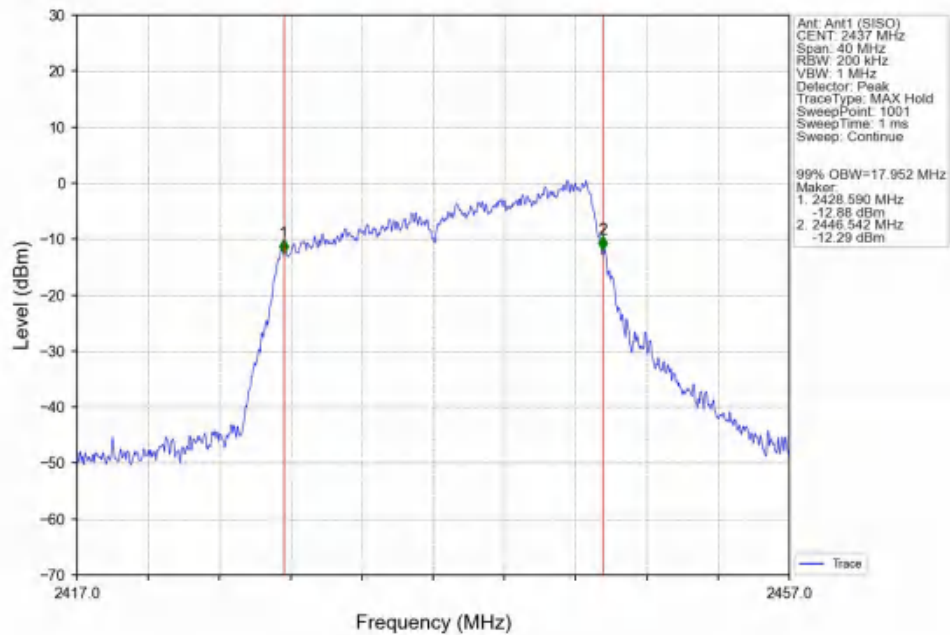
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



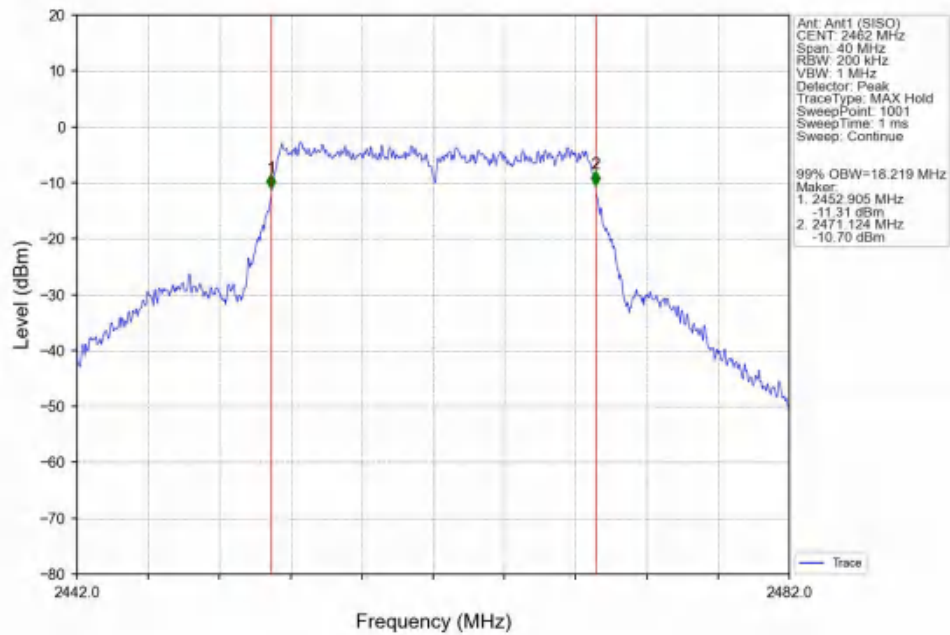
802.11ax(HE20)_LCH_2412MHz_SU / _Ant1 (SISO)_NTNV



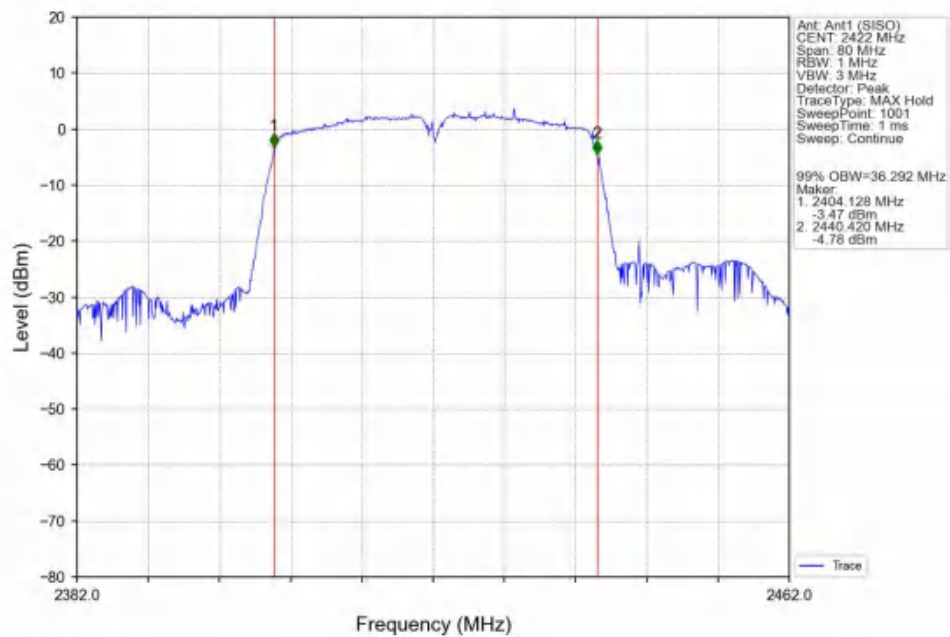
802.11ax(HE20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



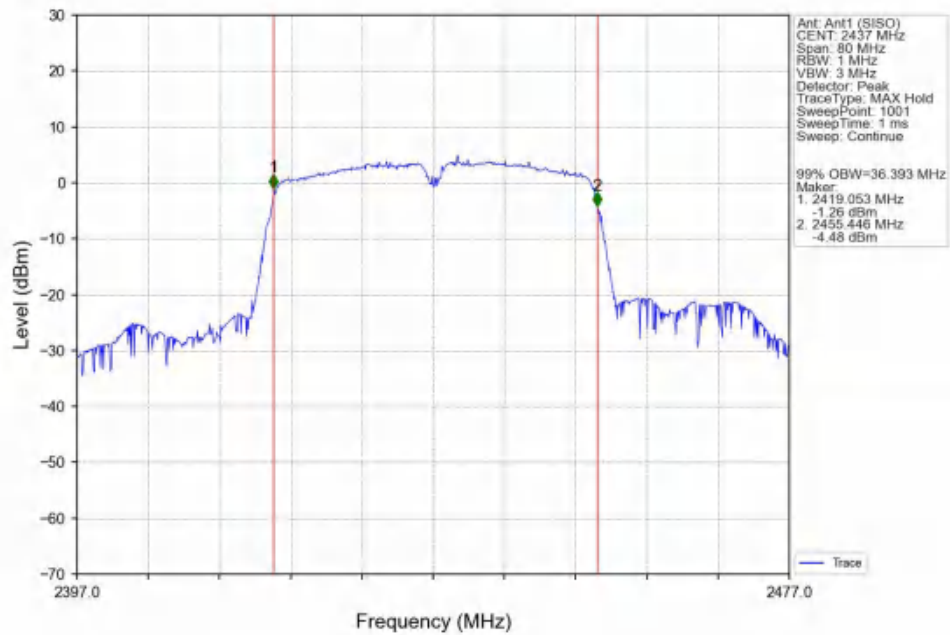
802.11ax(HE20)_HCH_2462MHz_SU_/_Ant1(SISO)_NTNV



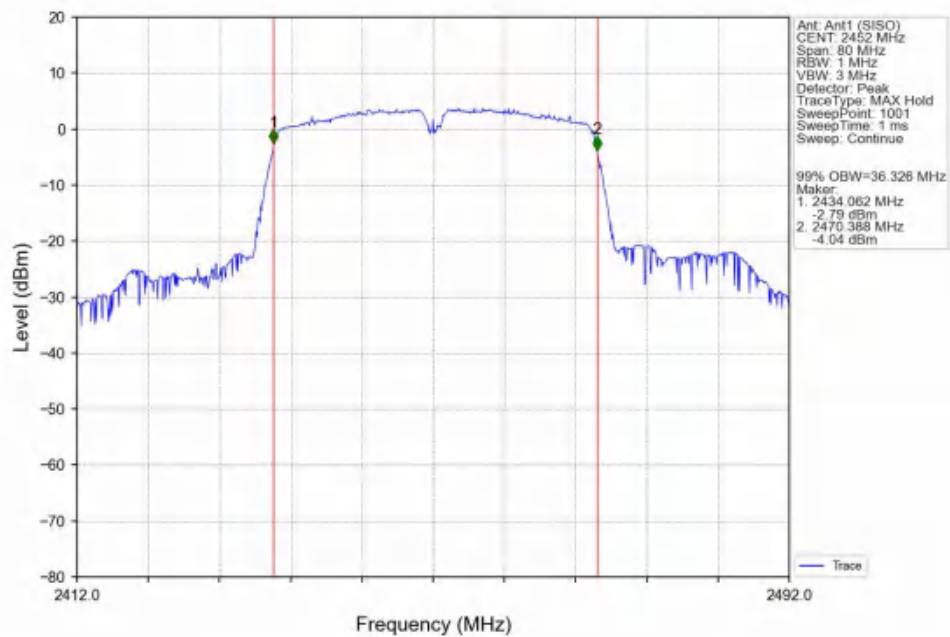
802.11ax(HE40)_LCH_2422MHz_SU_/_Ant1(SISO)_NTNV



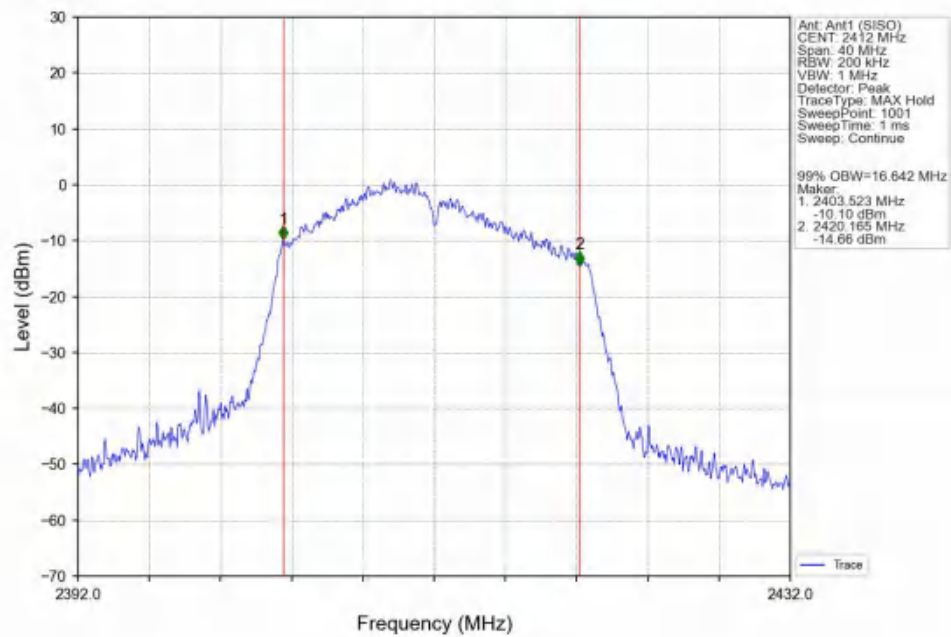
802.11ax(HE40)_MCH_2437MHz_SU_/_Ant1(SISO)_NTNV



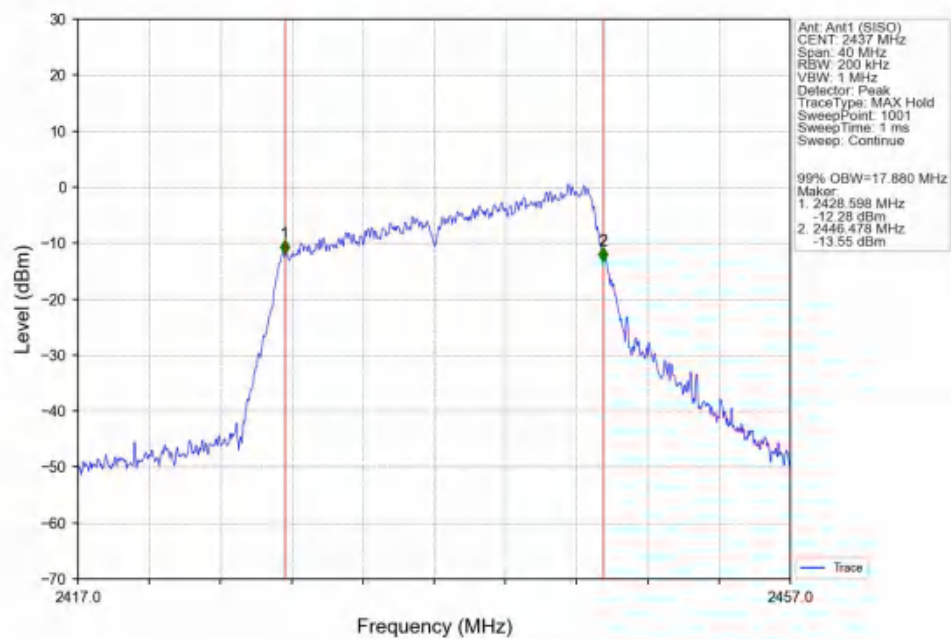
802.11ax(HE40)_HCH_2452MHz_SU_/_Ant1(SISO)_NTNV



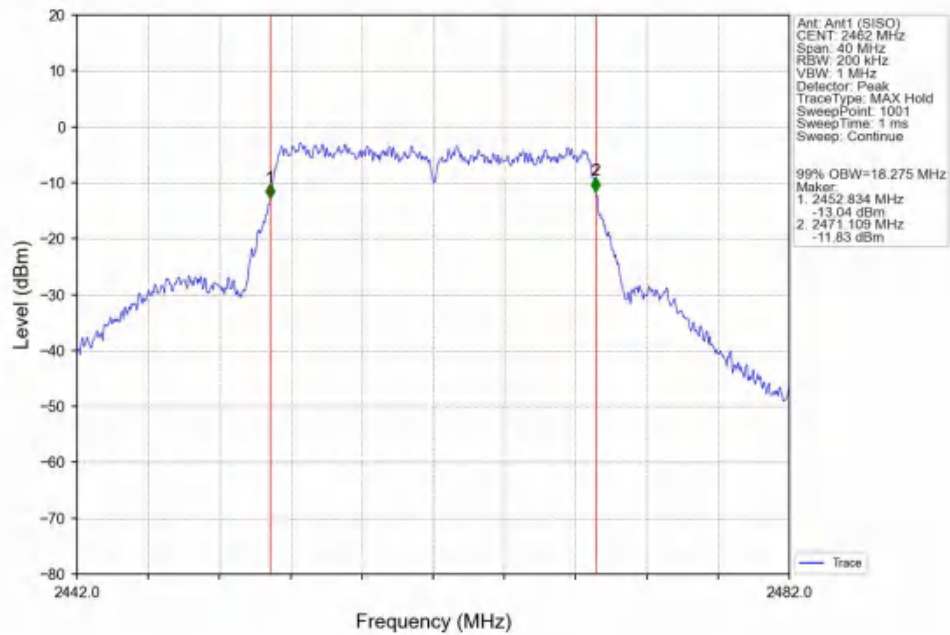
802.11ac(VHT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



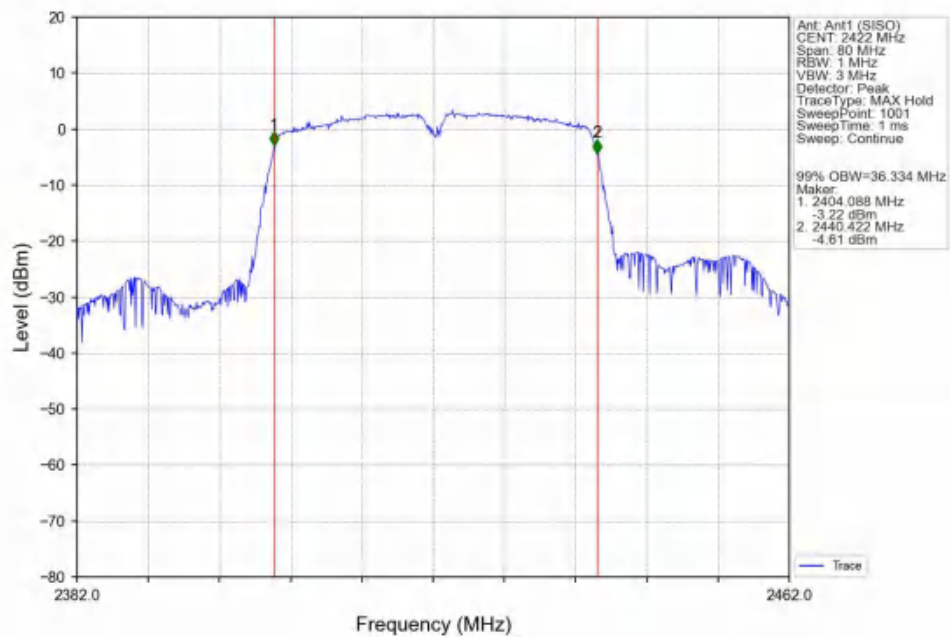
802.11ac(VHT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



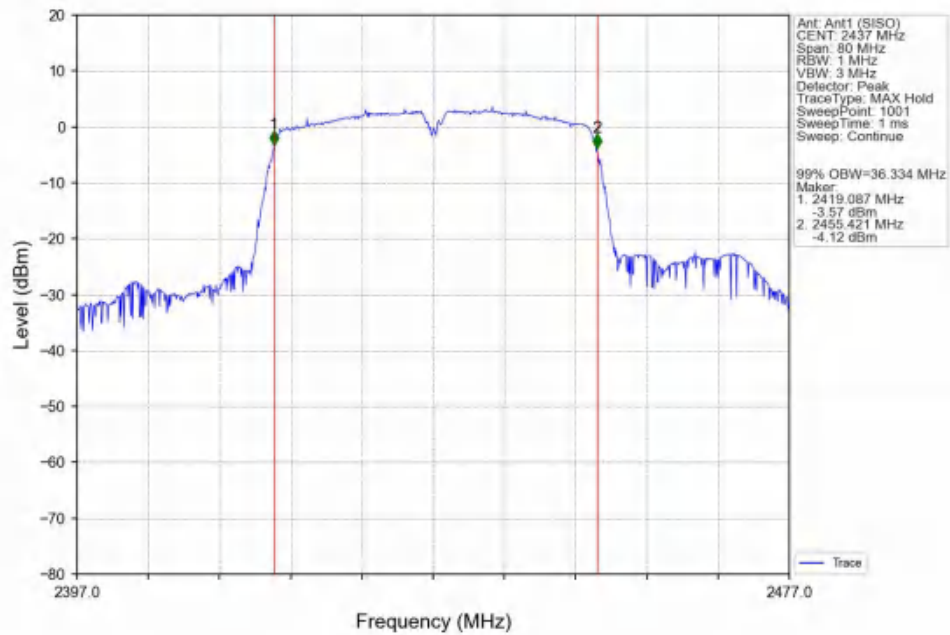
802.11ac(VHT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



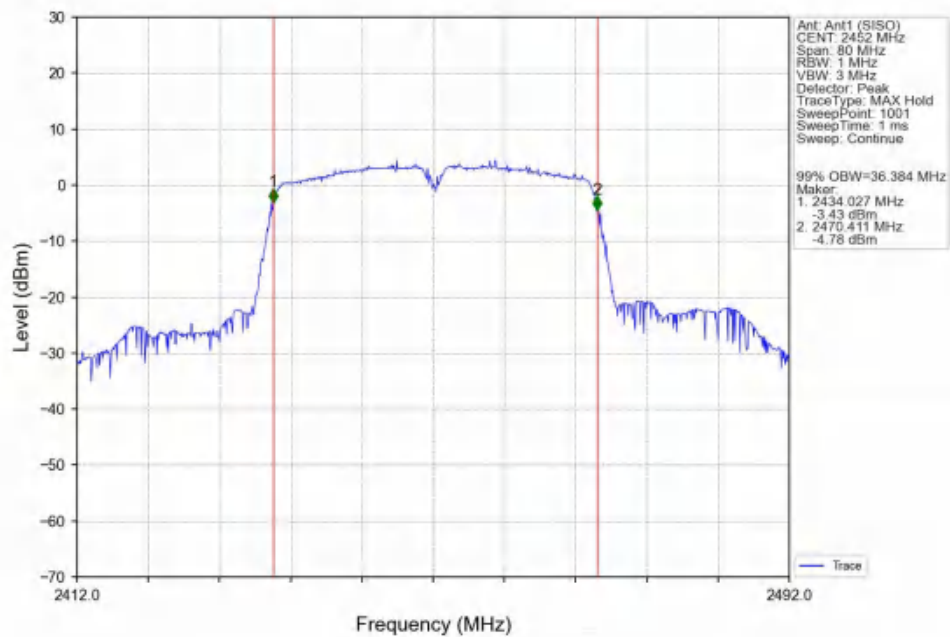
802.11ac(VHT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

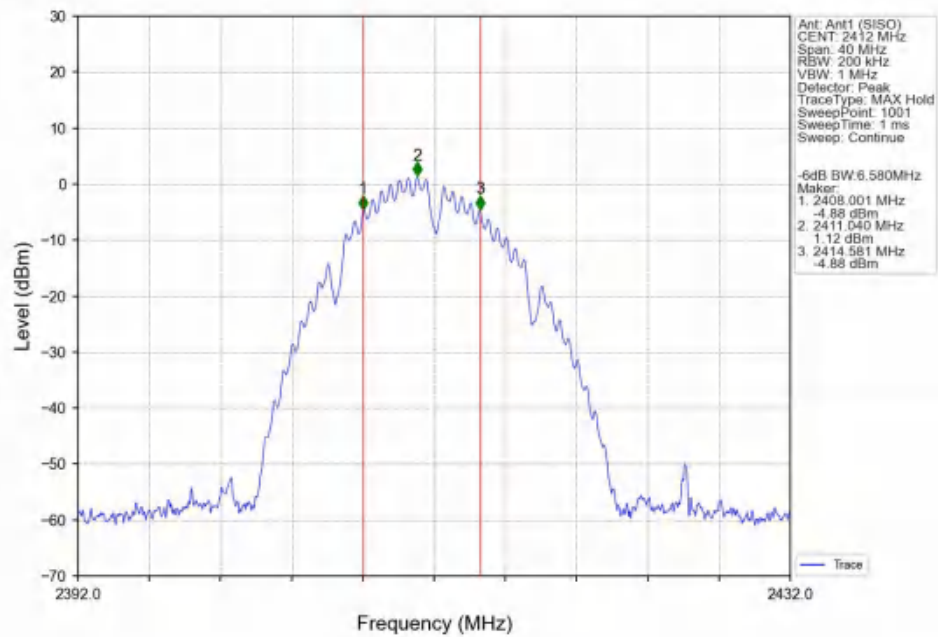


802.11ac(VHT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

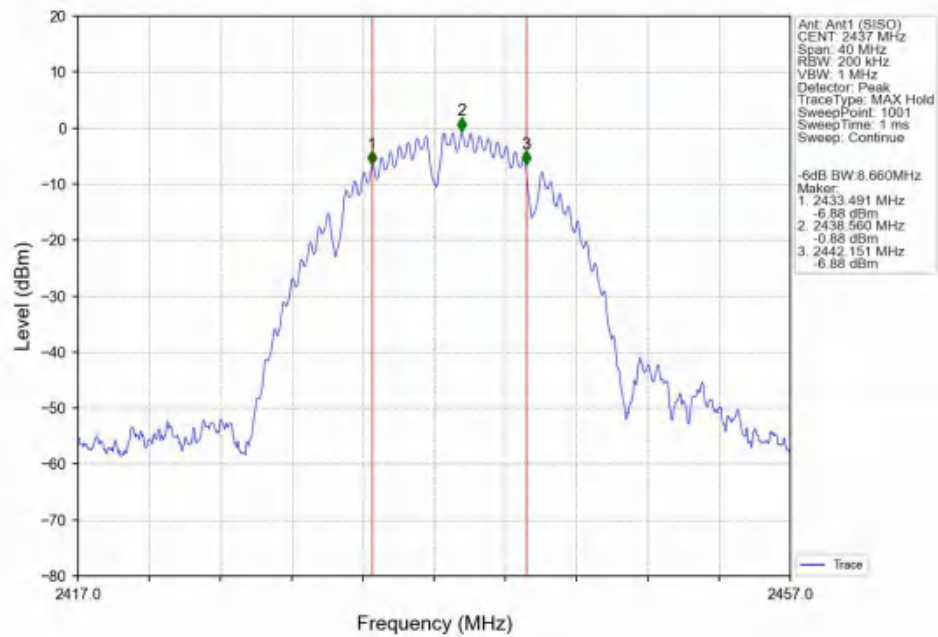


2.2.2 6dB BW

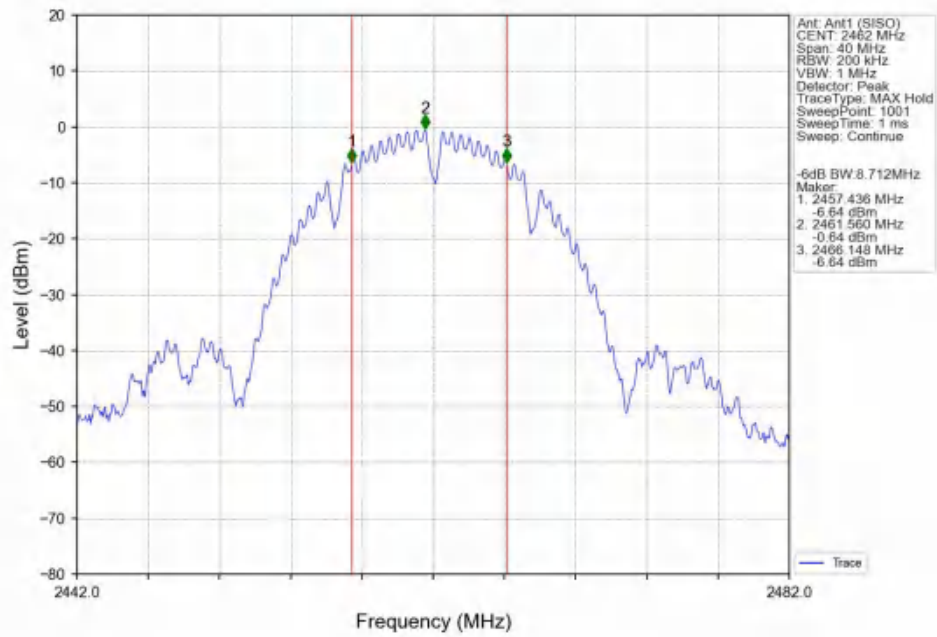
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



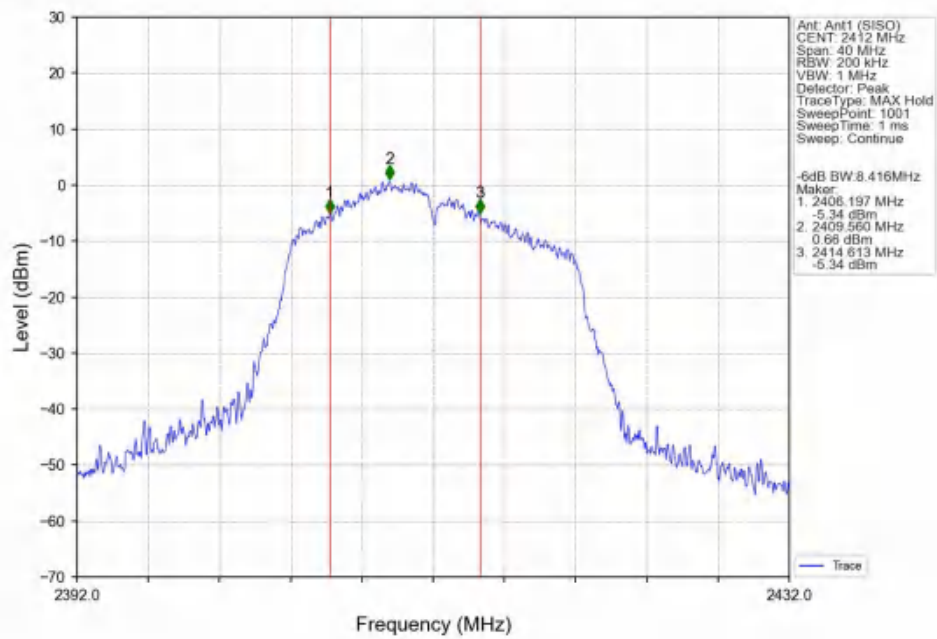
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



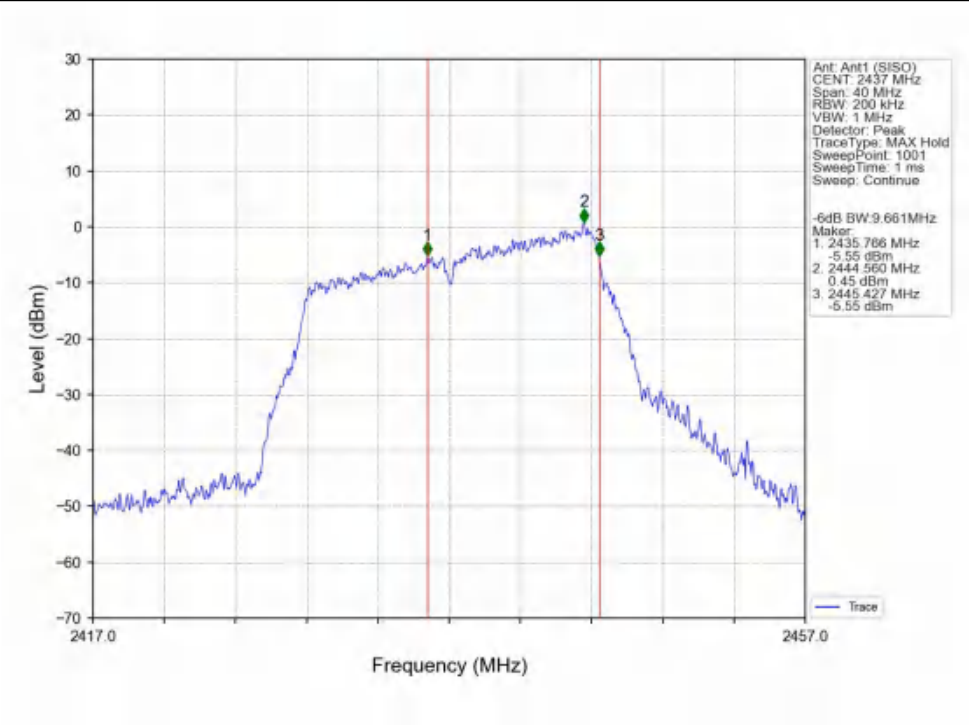
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



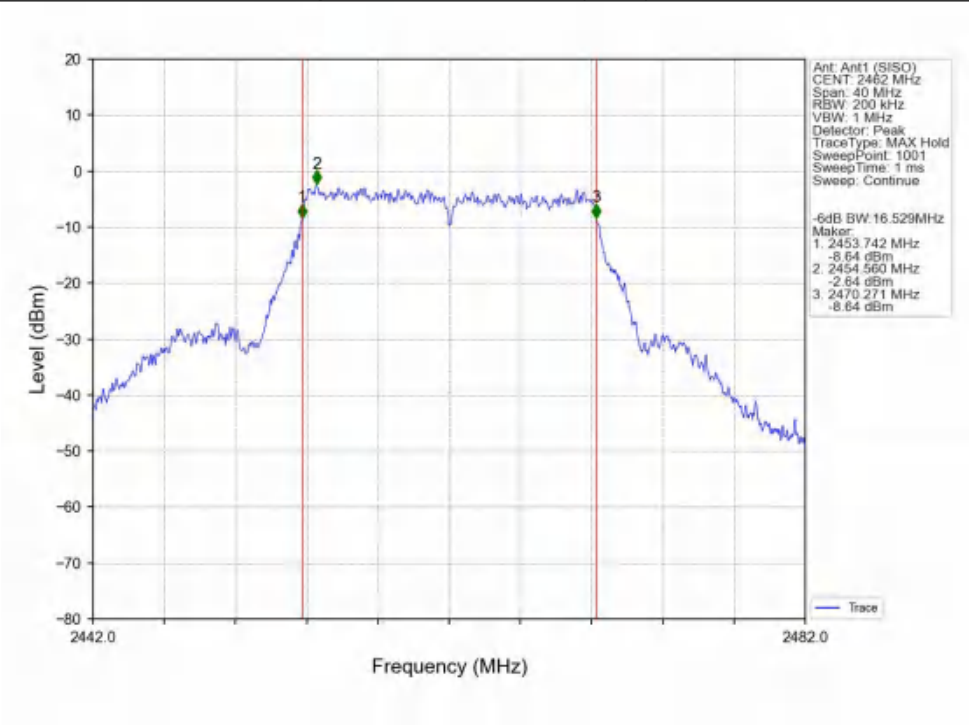
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



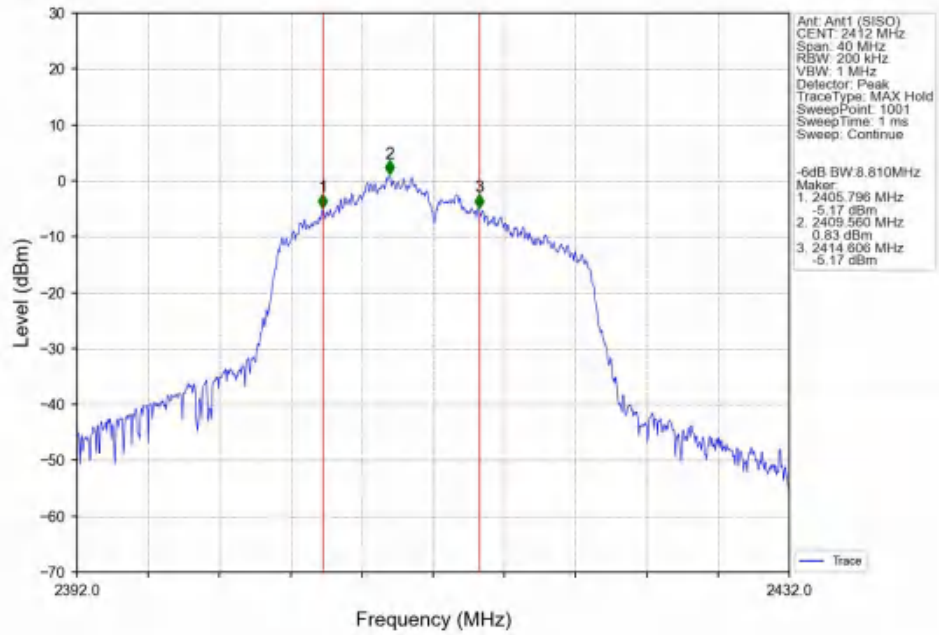
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



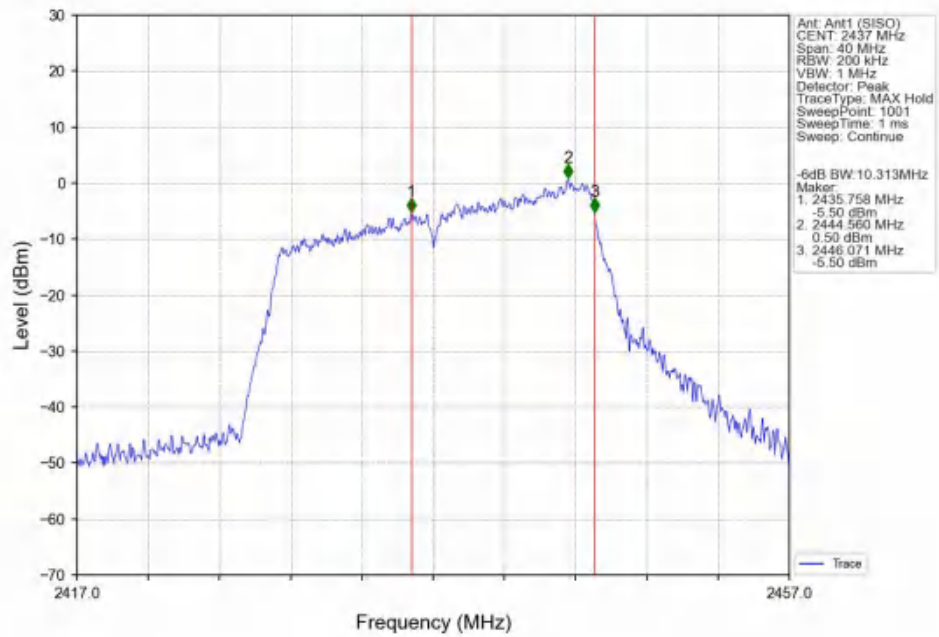
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



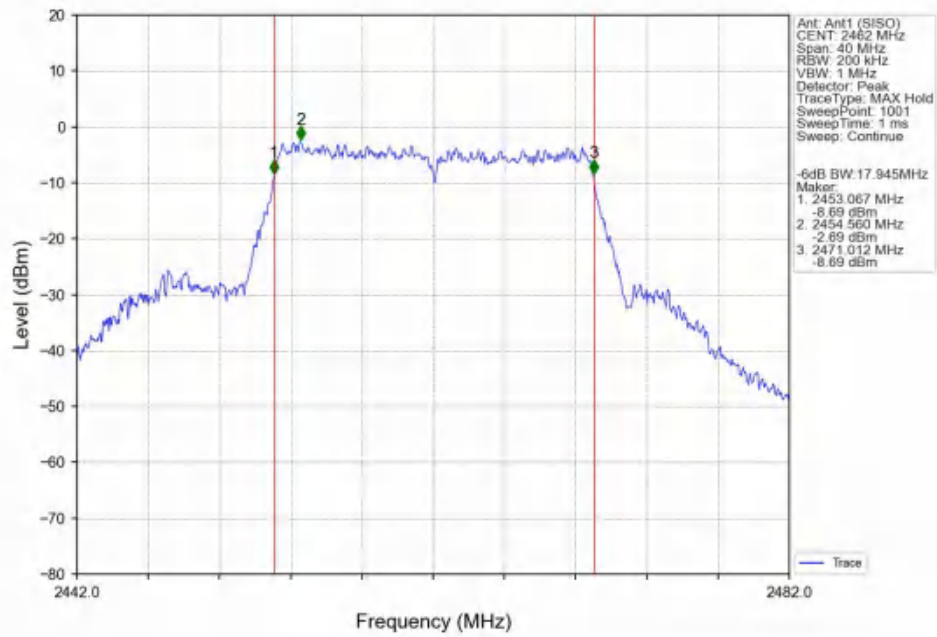
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



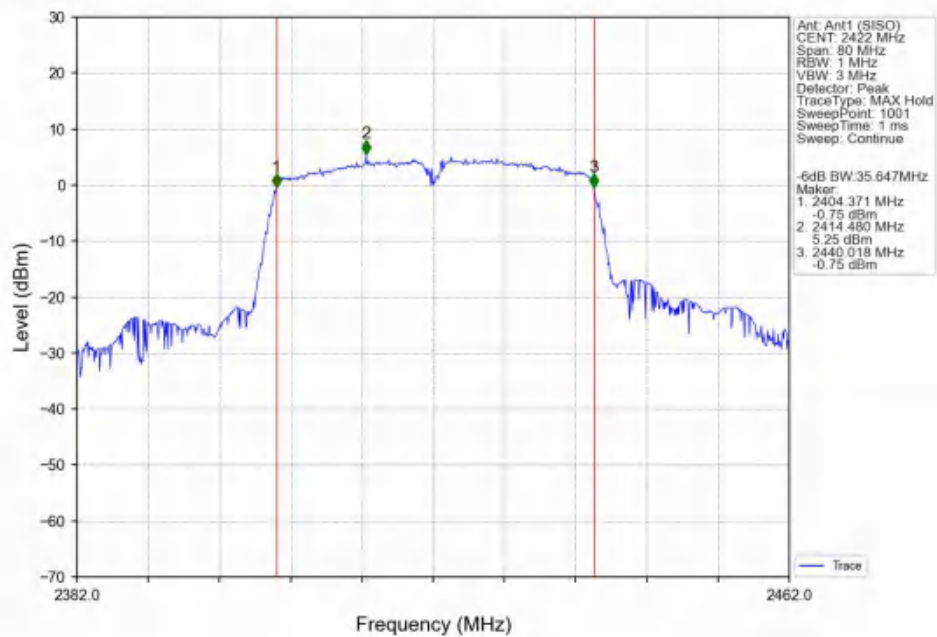
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



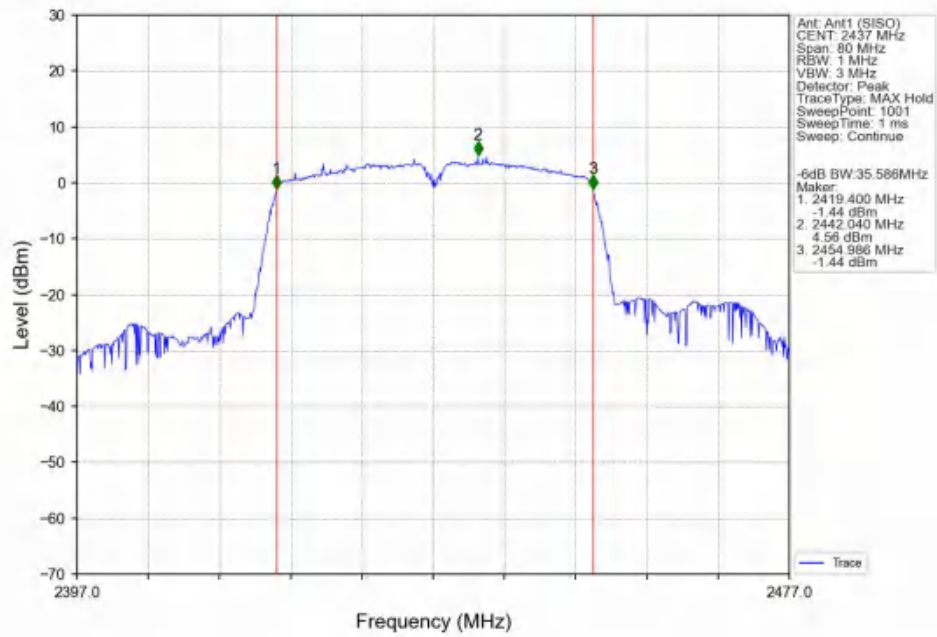
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



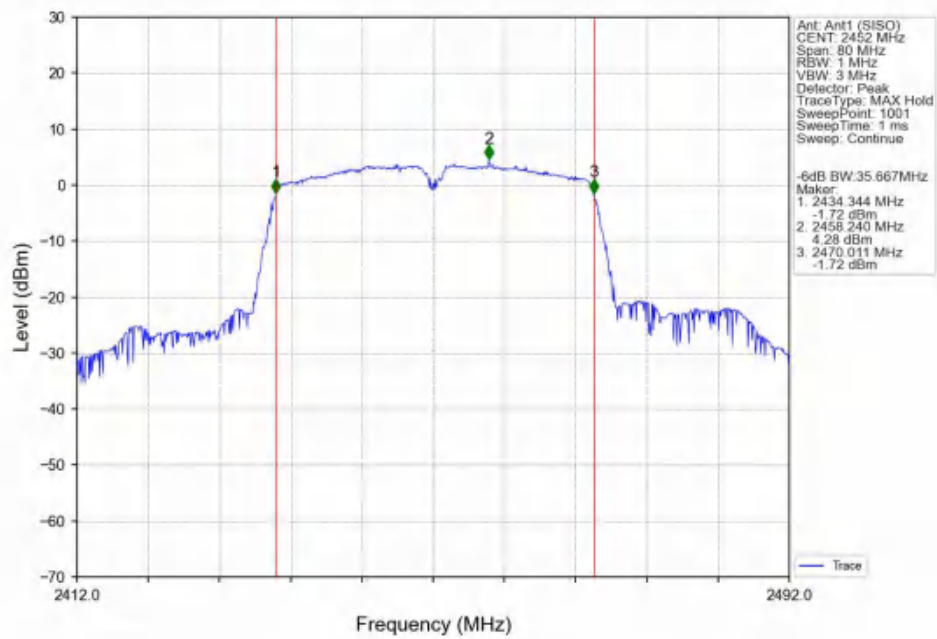
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



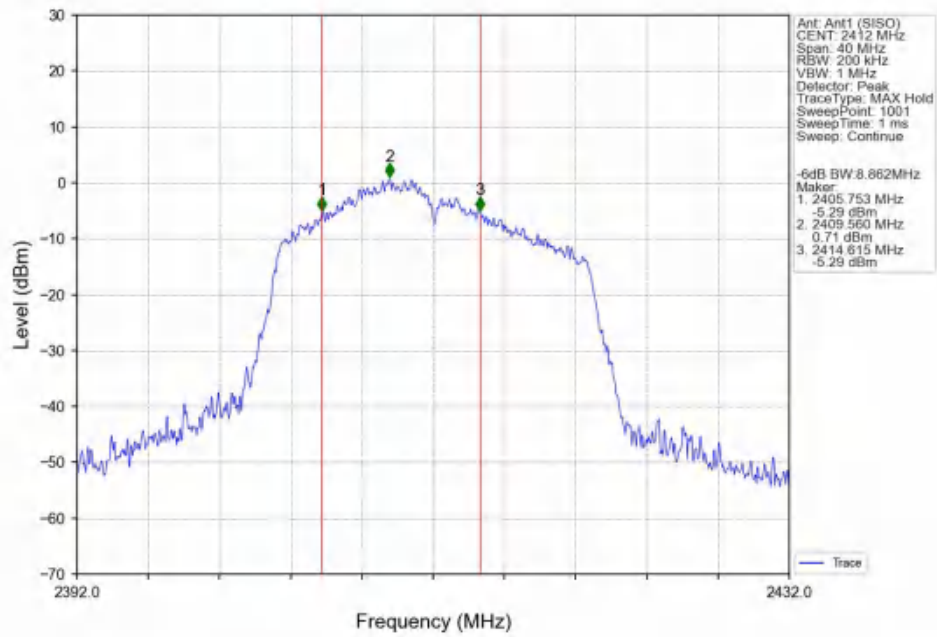
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



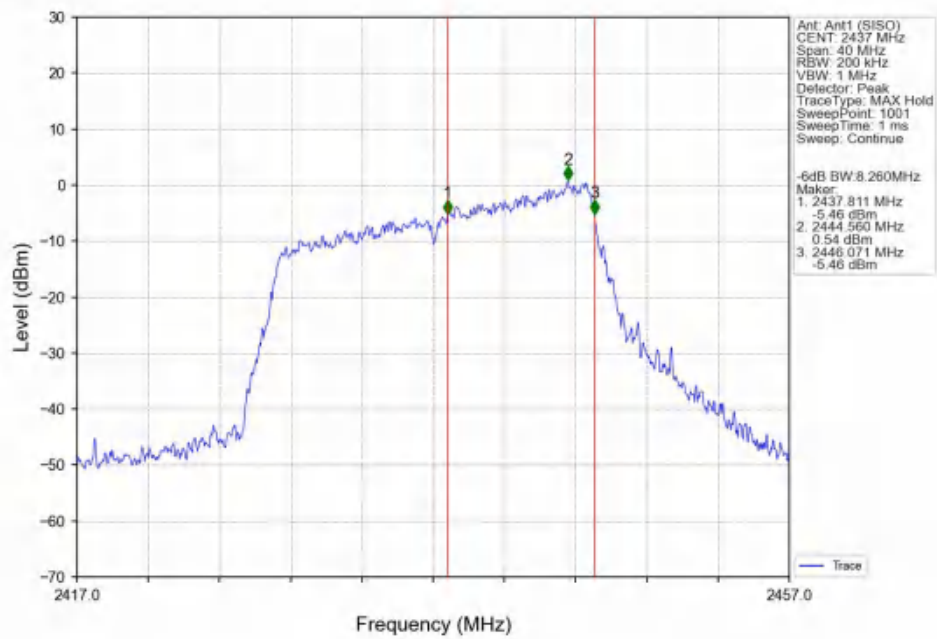
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



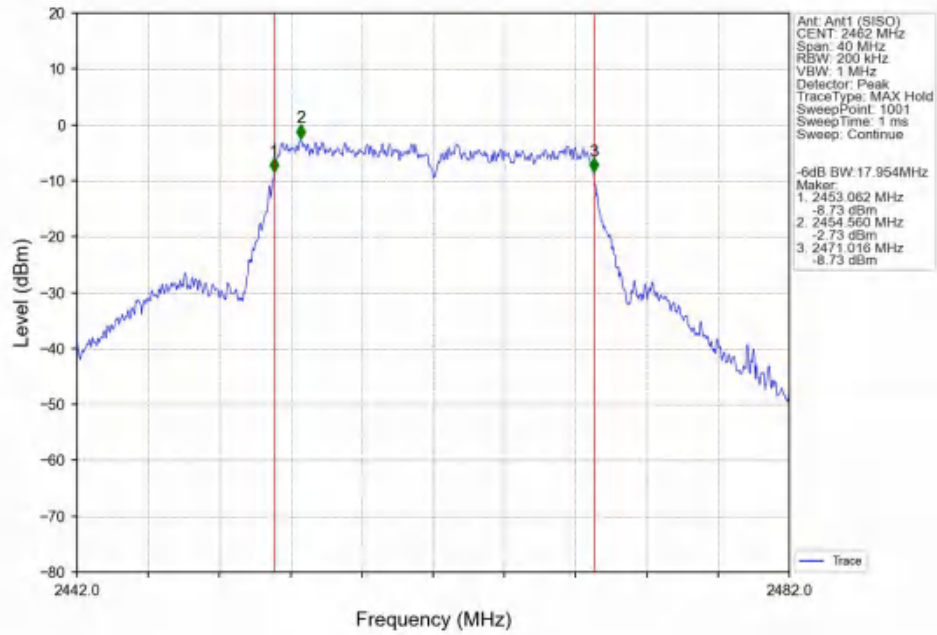
802.11ax(HE20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



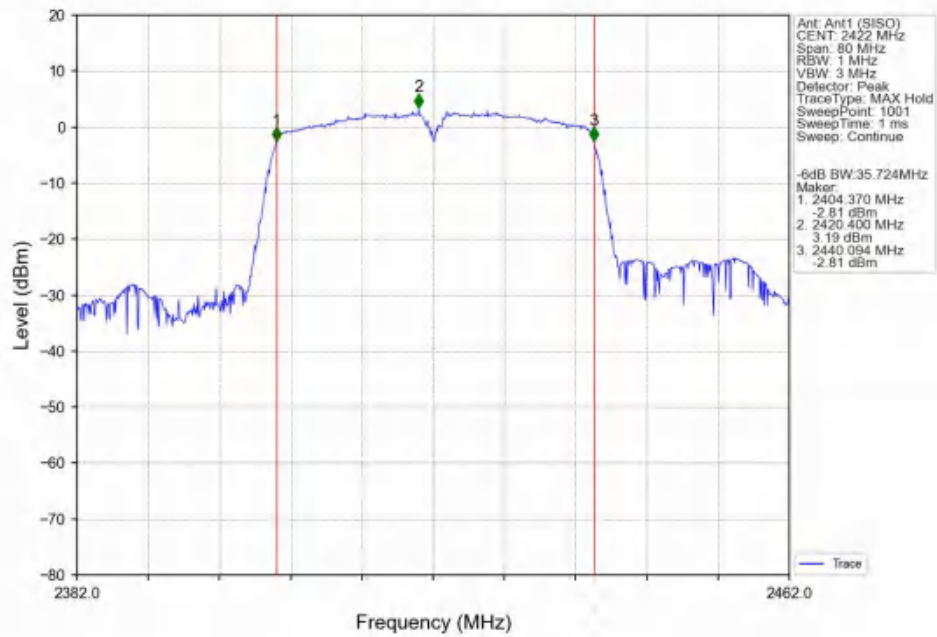
802.11ax(HE20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



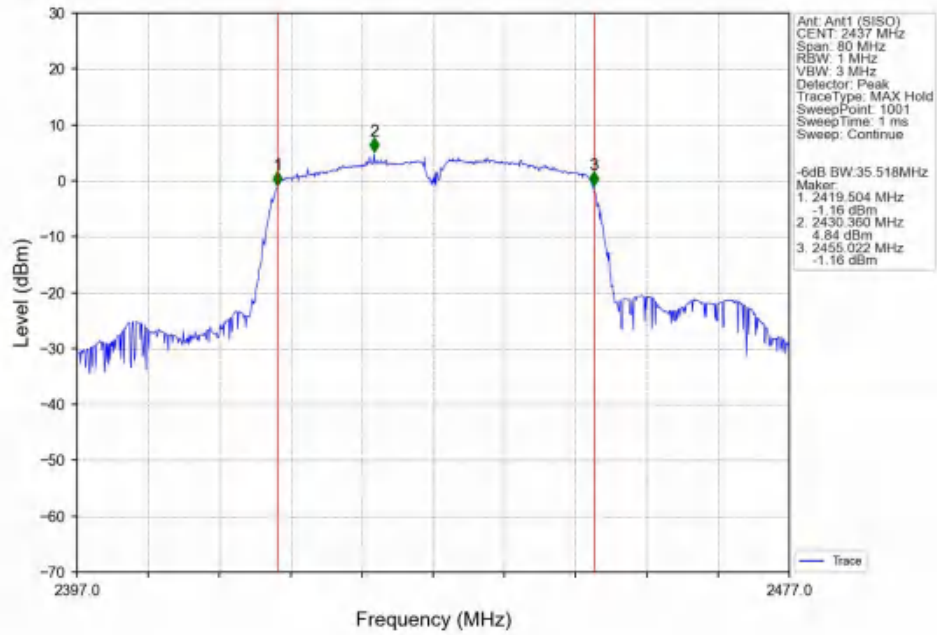
802.11ax(HE20)_HCH_2462MHz_SU_/_Ant1(SISO)_NTNV



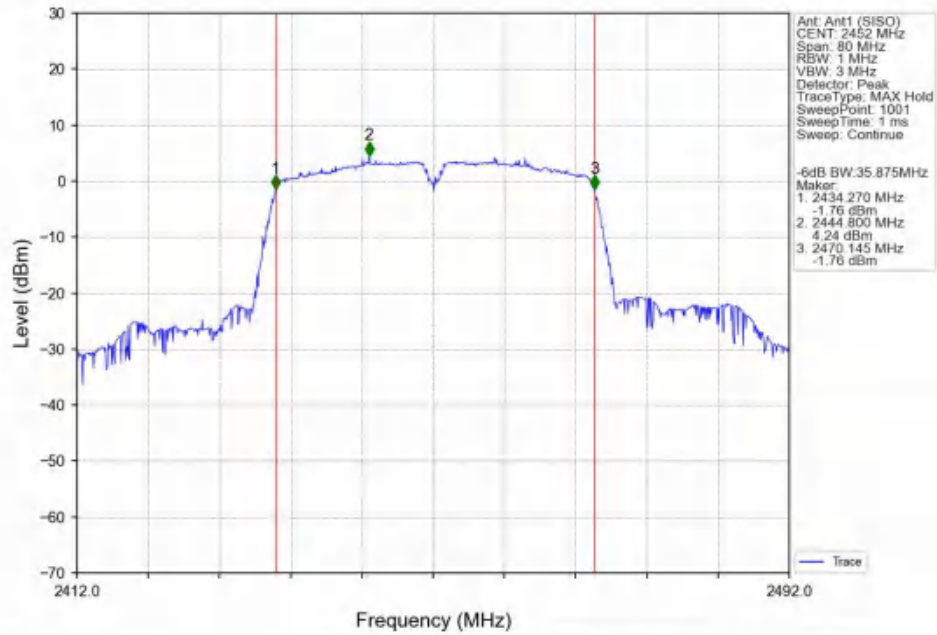
802.11ax(HE40)_LCH_2422MHz_SU_/_Ant1(SISO)_NTNV



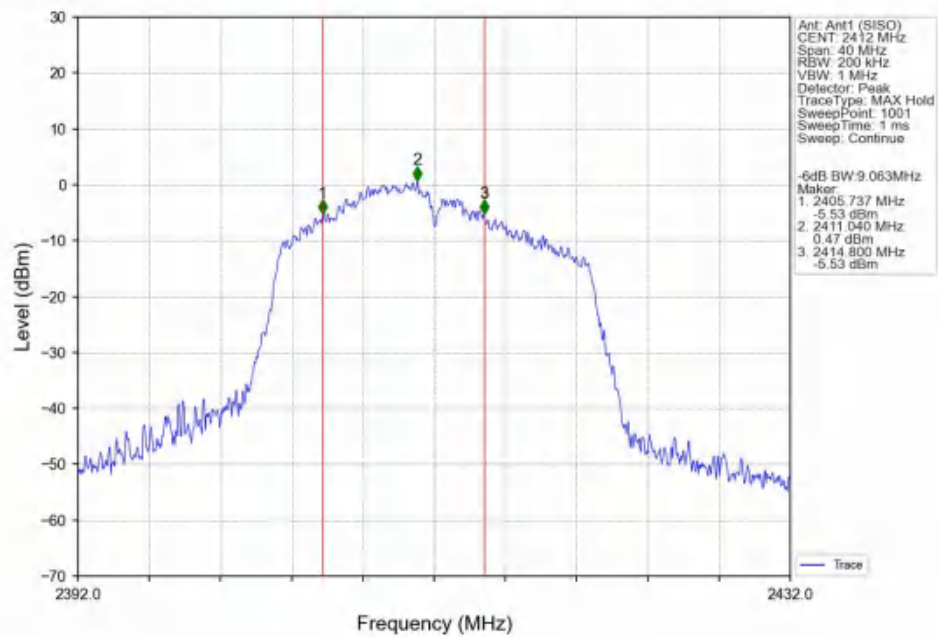
802.11ax(HE40)_MCH_2437MHz_SU_/_Ant1(SISO)_NTNV



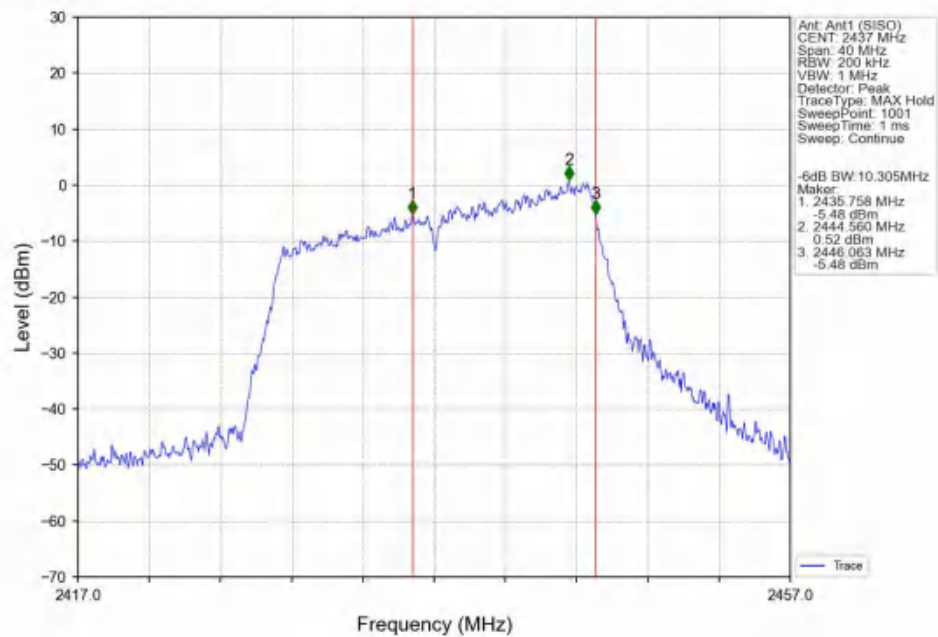
802.11ax(HE40)_HCH_2452MHz_SU_/_Ant1(SISO)_NTNV



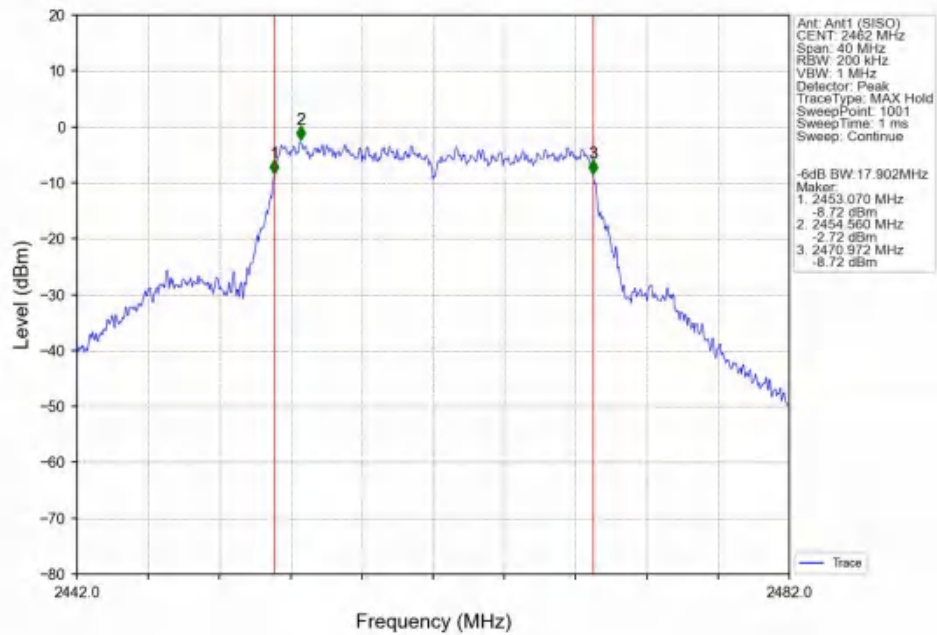
802.11ac(VHT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



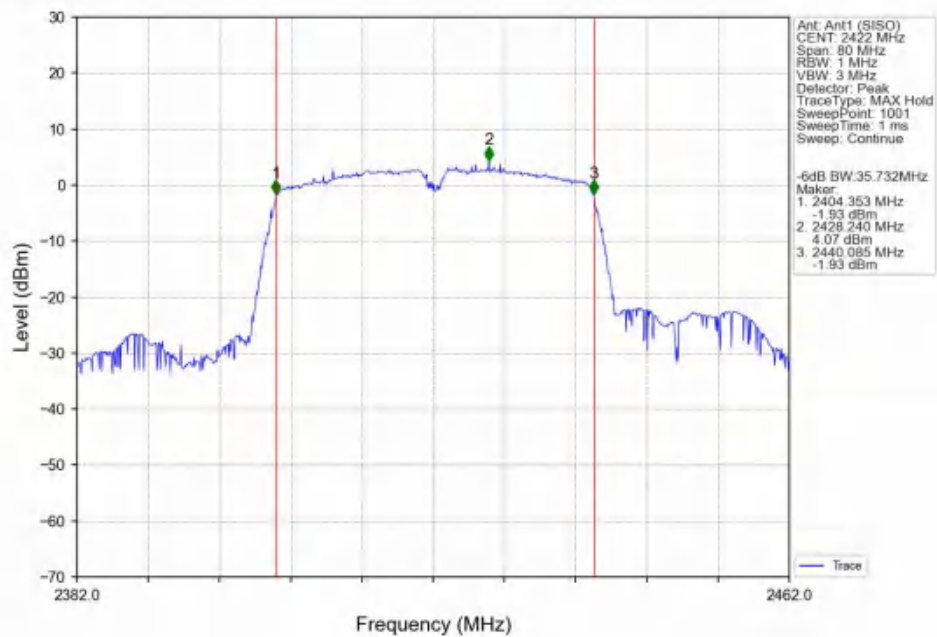
802.11ac(VHT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



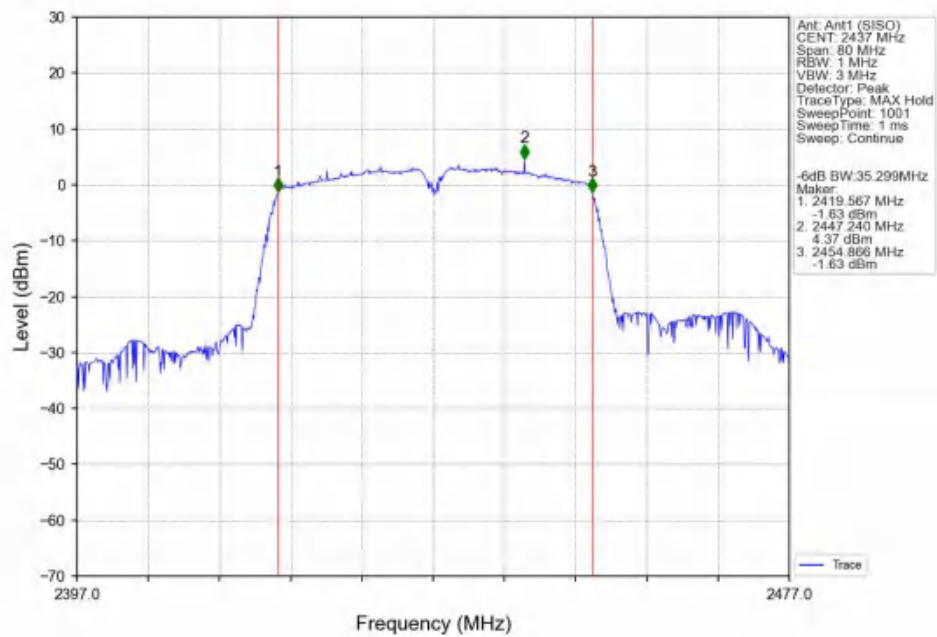
802.11ac(VHT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



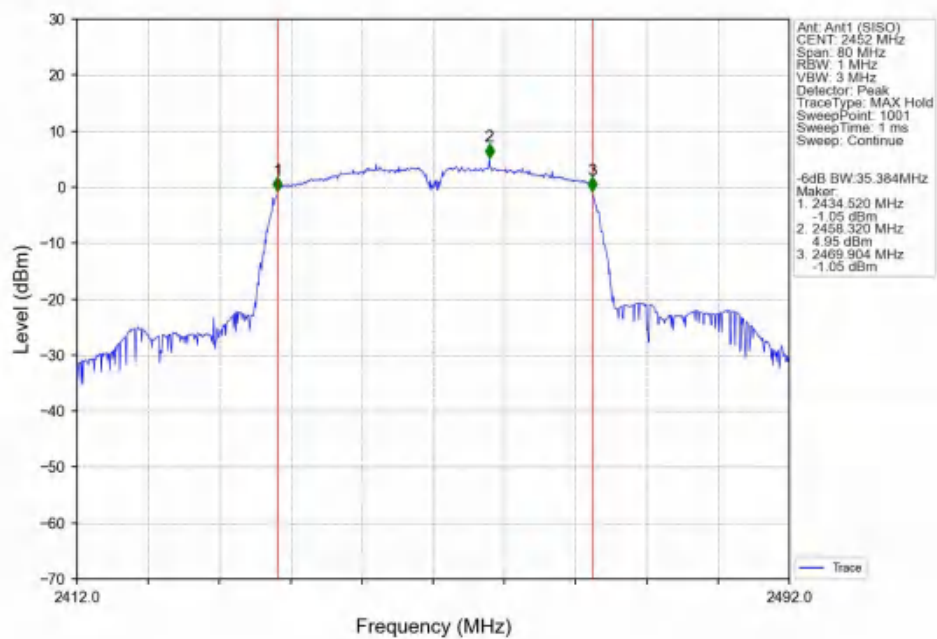
802.11ac(VHT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



3. Maximum Output Power

3.1 Test Result

3.1.1 Power

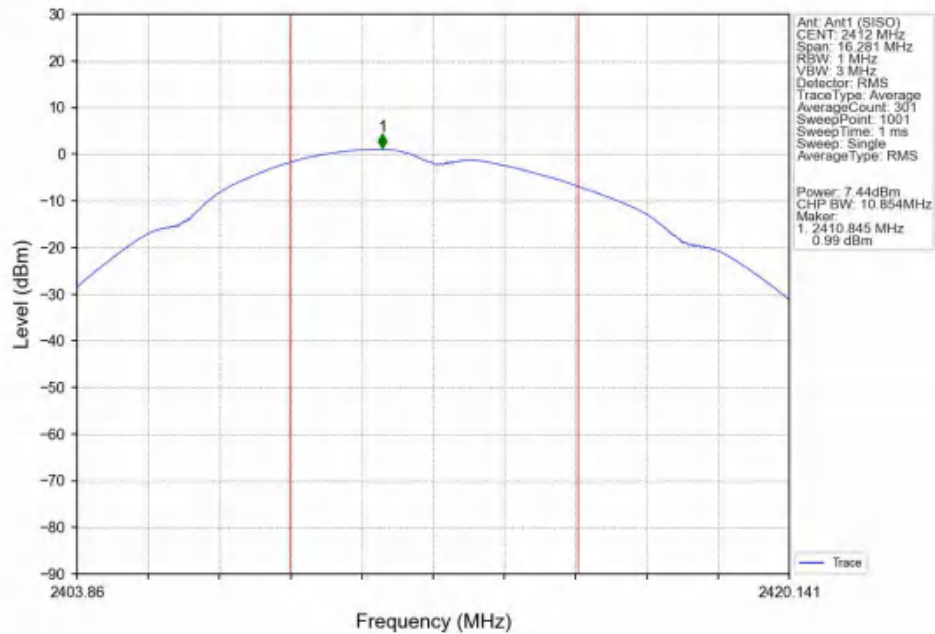
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	7.44	<=30	Pass
		2437	/	/	7.00	<=30	Pass
		2462	/	/	7.36	<=30	Pass
802.11g	SISO	2412	/	/	7.32	<=30	Pass
		2437	/	/	6.77	<=30	Pass
		2462	/	/	6.98	<=30	Pass
802.11n (HT20)	SISO	2412	/	/	7.14	<=30	Pass
		2437	/	/	6.96	<=30	Pass
		2462	/	/	7.01	<=30	Pass
802.11n (HT40)	SISO	2422	/	/	7.33	<=30	Pass
		2437	/	/	7.45	<=30	Pass
		2452	/	/	7.15	<=30	Pass
802.11ax (HE20)	SISO	2412	SU	/	7.21	<=30	Pass
		2437	SU	/	6.96	<=30	Pass
		2462	SU	/	7.00	<=30	Pass
802.11ax (HE40)	SISO	2422	SU	/	7.34	<=30	Pass
		2437	SU	/	7.44	<=30	Pass
		2452	SU	/	7.11	<=30	Pass
802.11ac (VHT20)	SISO	2412	/	/	7.24	<=30	Pass
		2437	/	/	6.99	<=30	Pass
		2462	/	/	6.74	<=30	Pass
802.11ac (VHT40)	SISO	2422	/	/	7.30	<=30	Pass
		2437	/	/	7.44	<=30	Pass
		2452	/	/	7.05	<=30	Pass

Note1: Antenna Gain: Ant1: 1.47dBi;

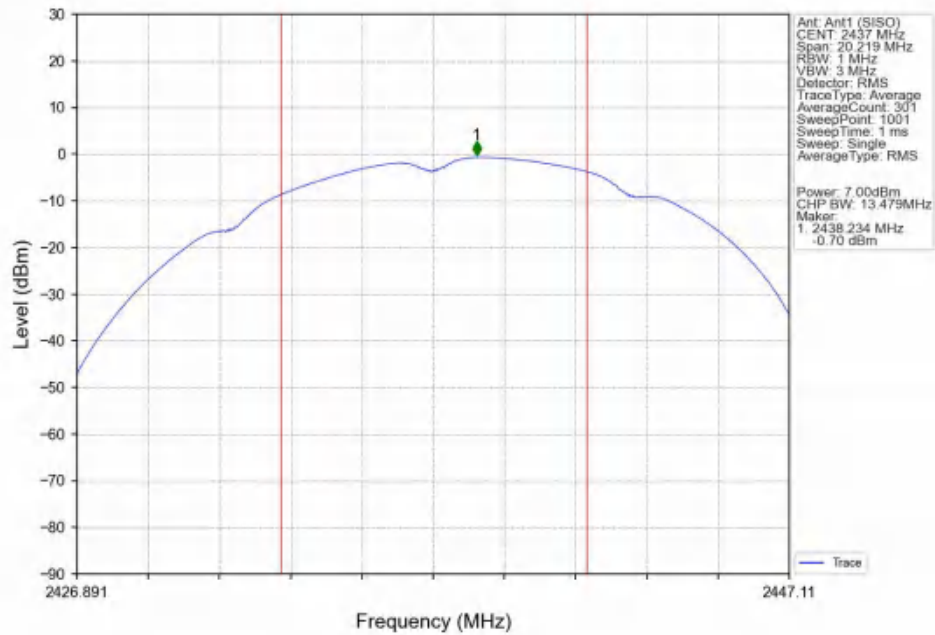
3.2 Test Graph

3.2.1 Power

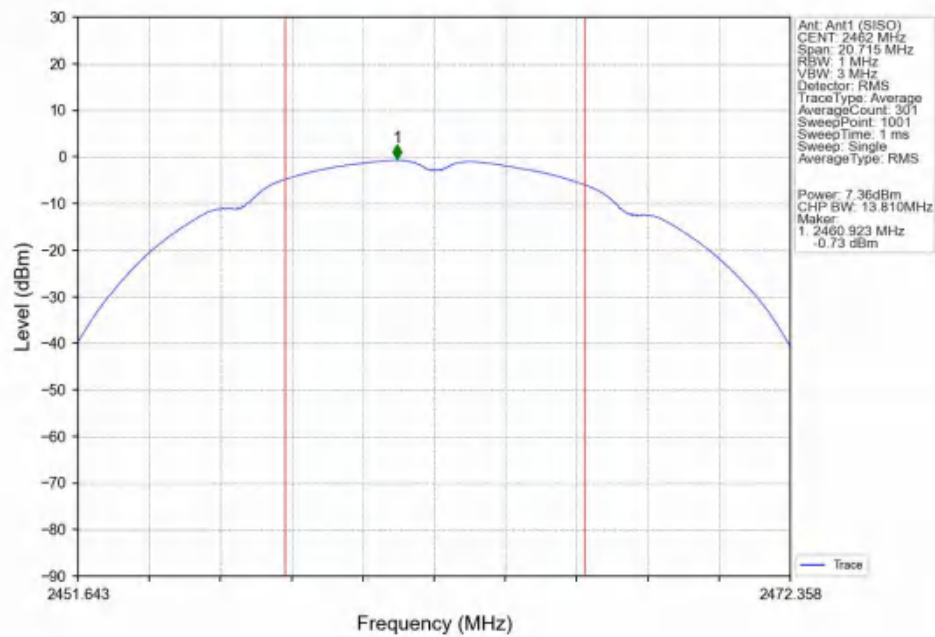
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



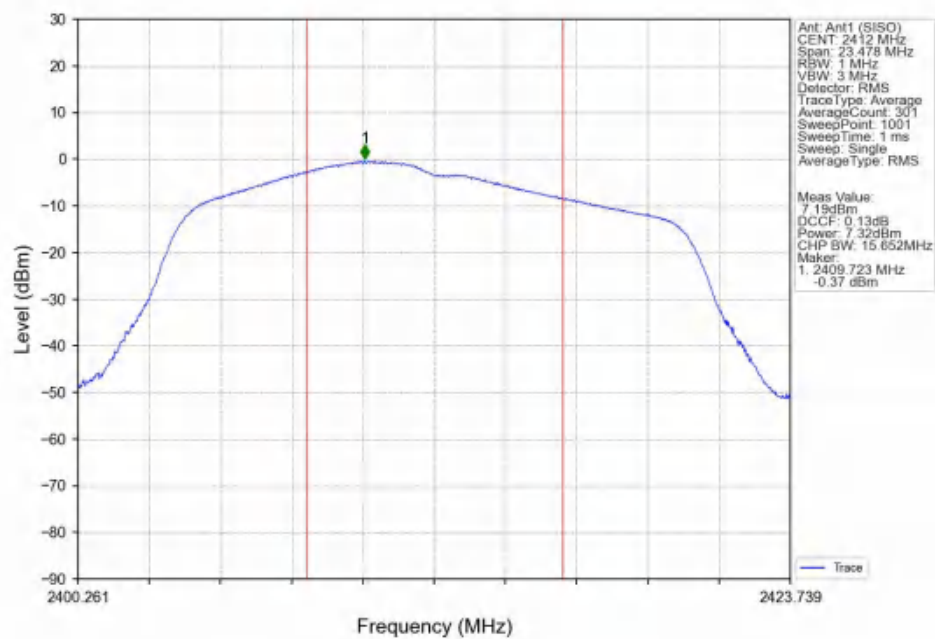
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



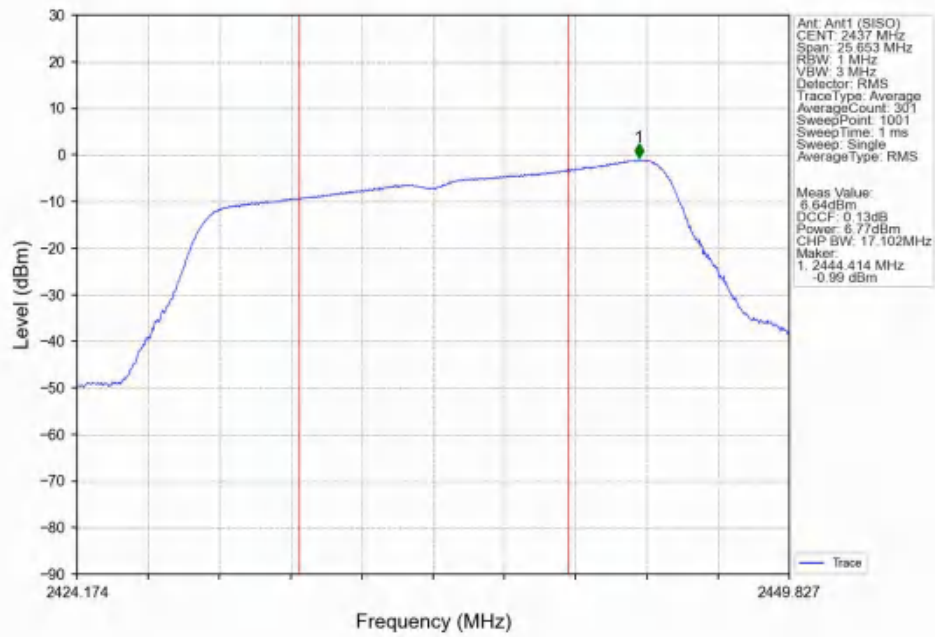
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



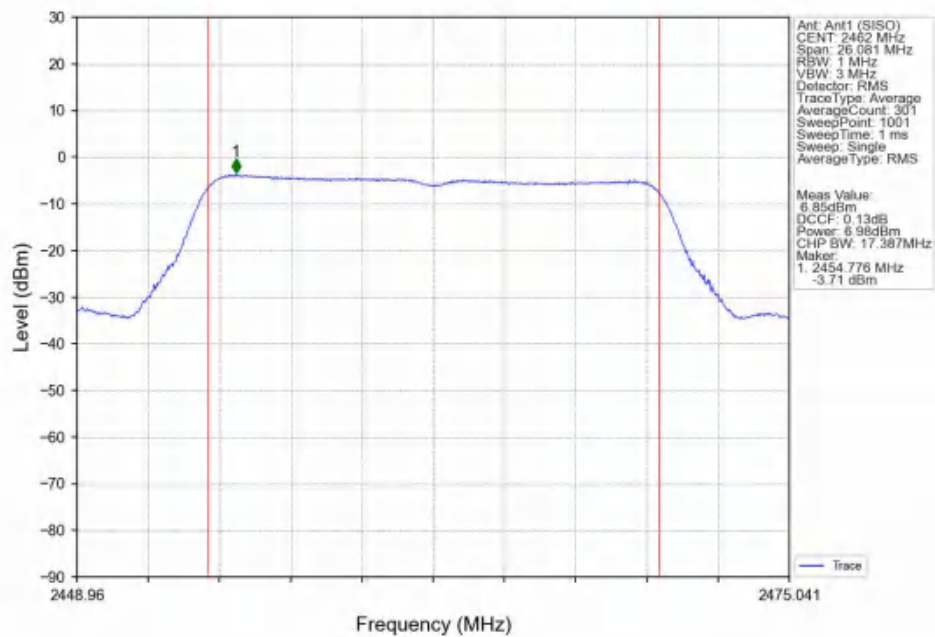
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



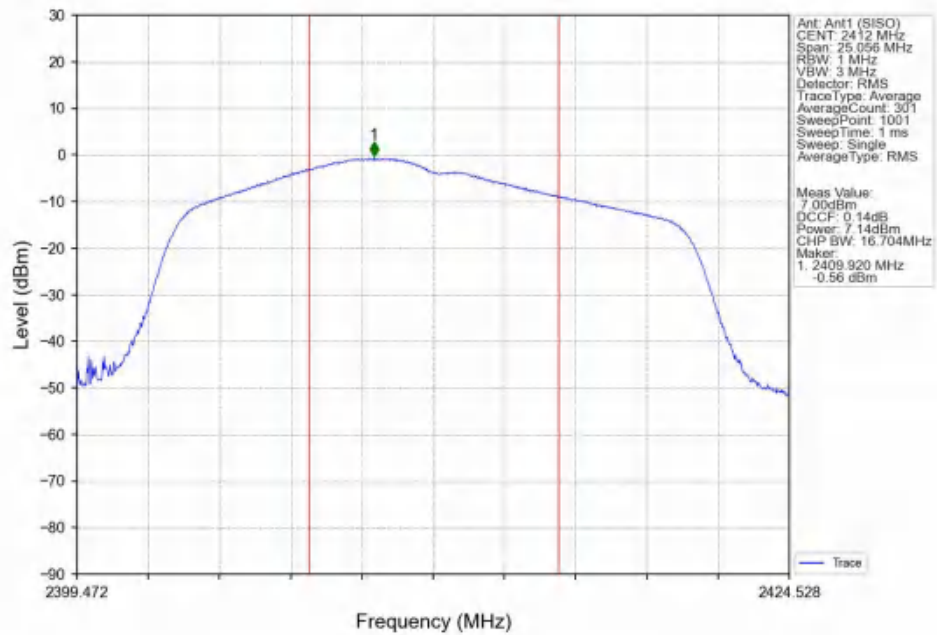
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



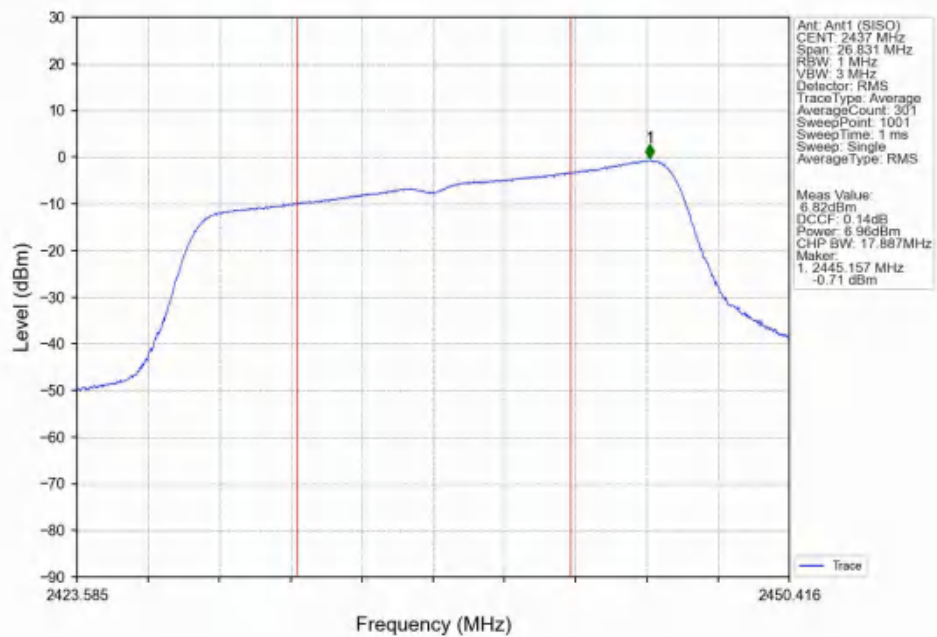
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



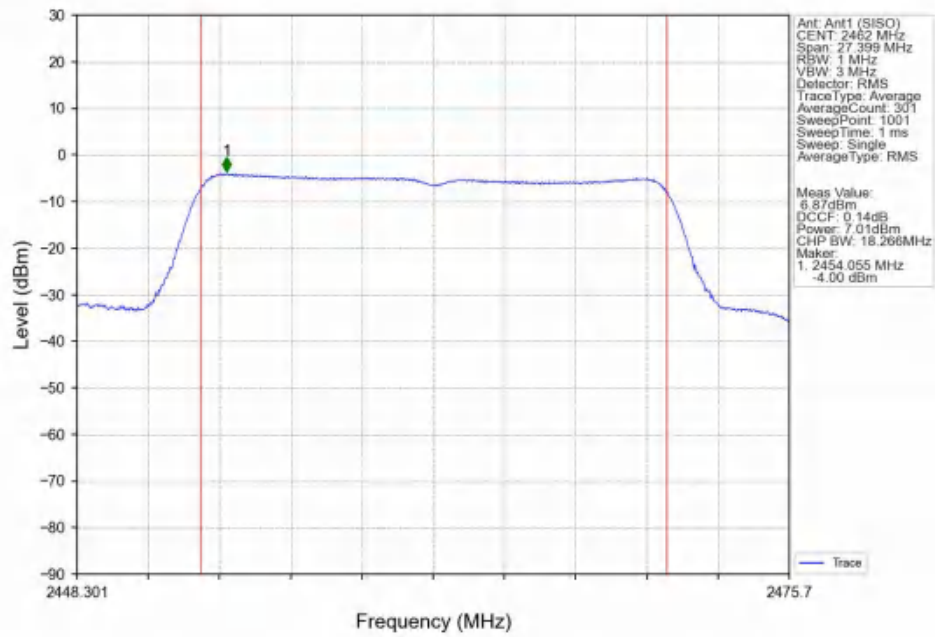
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



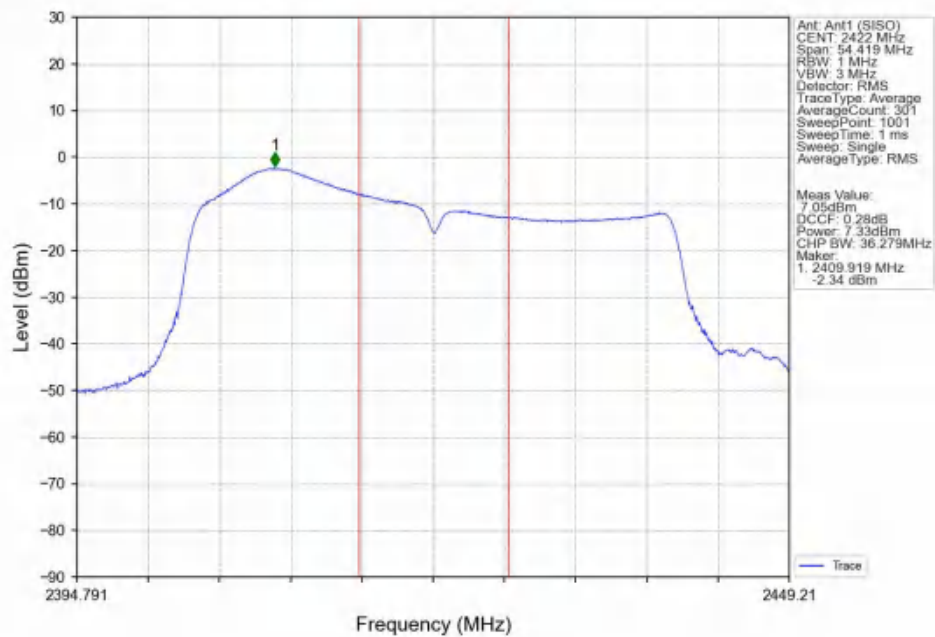
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



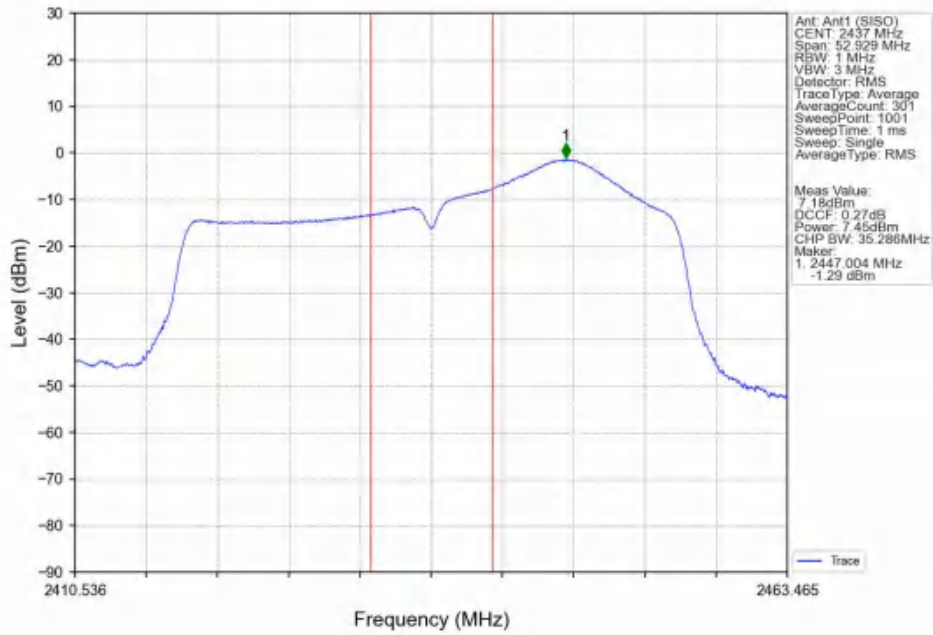
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



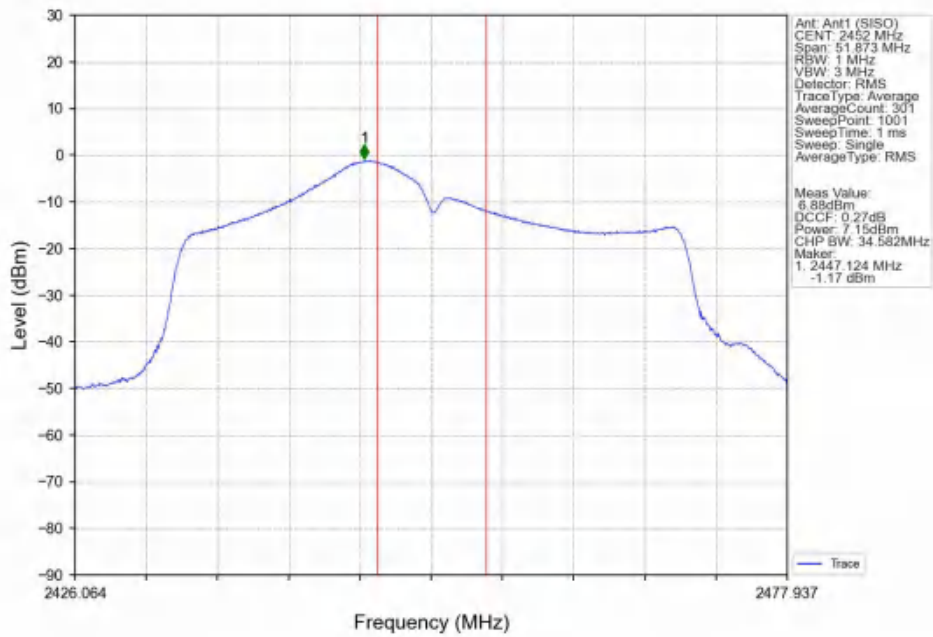
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



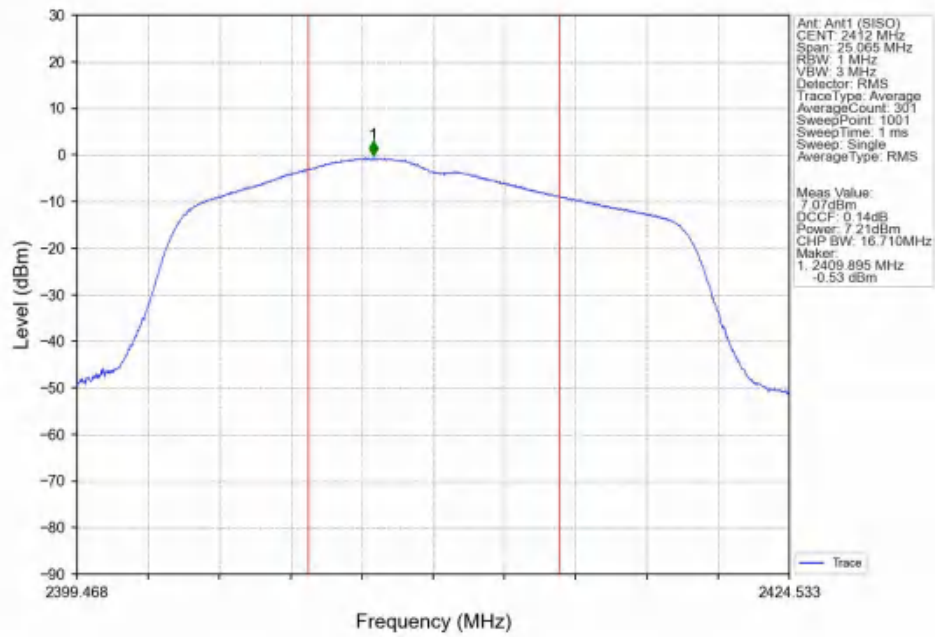
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



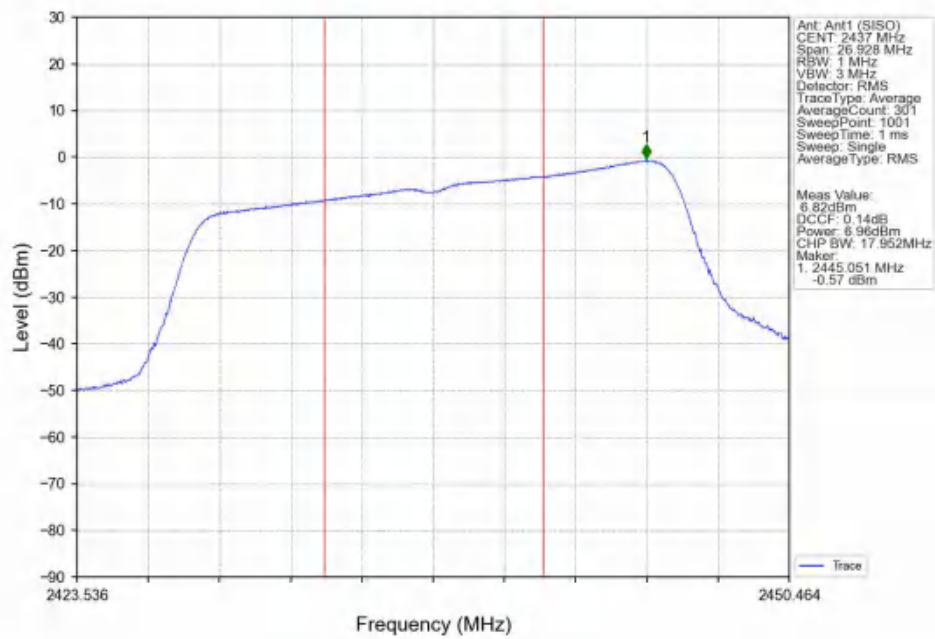
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



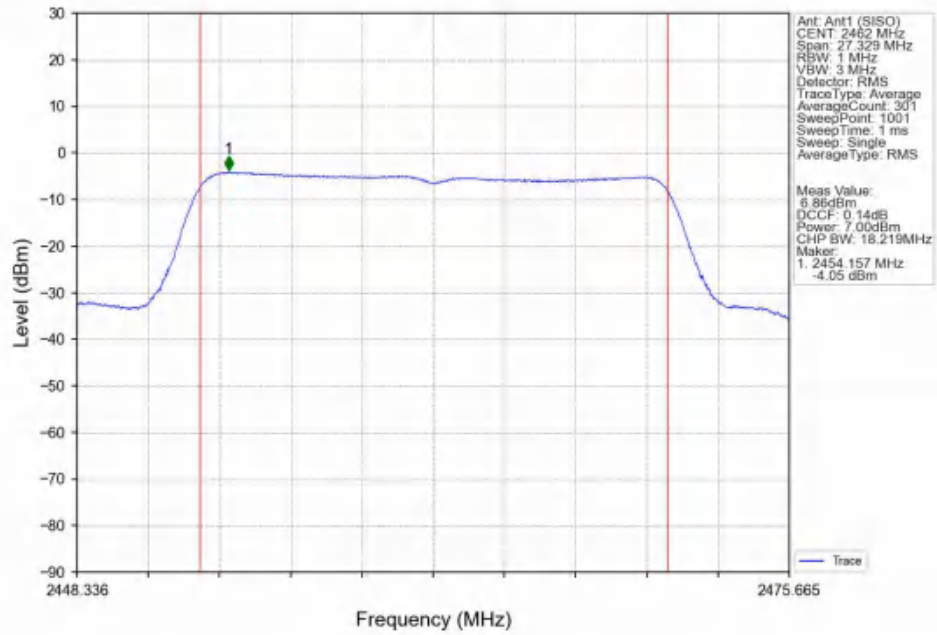
802.11ax(HE20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



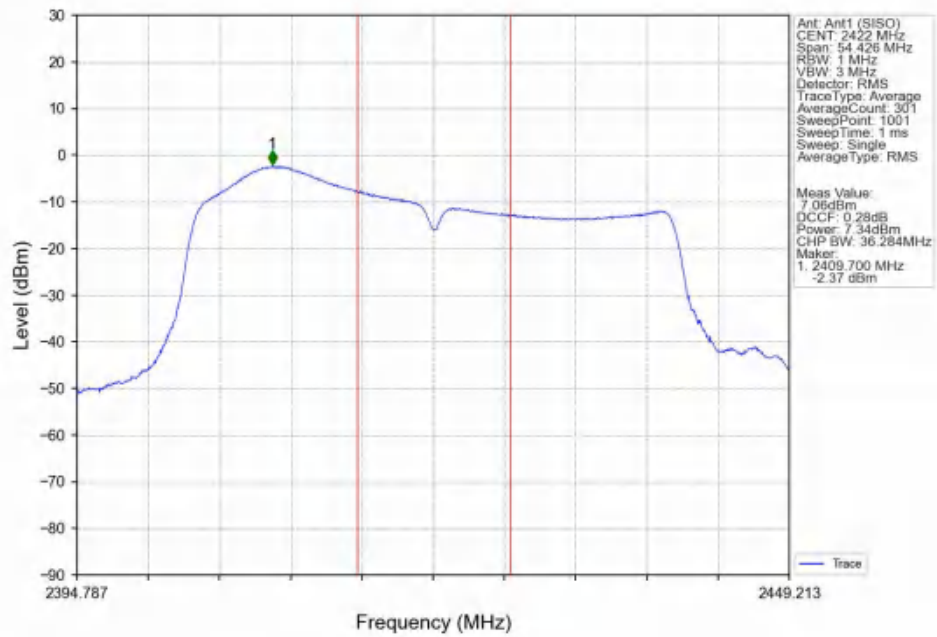
802.11ax(HE20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



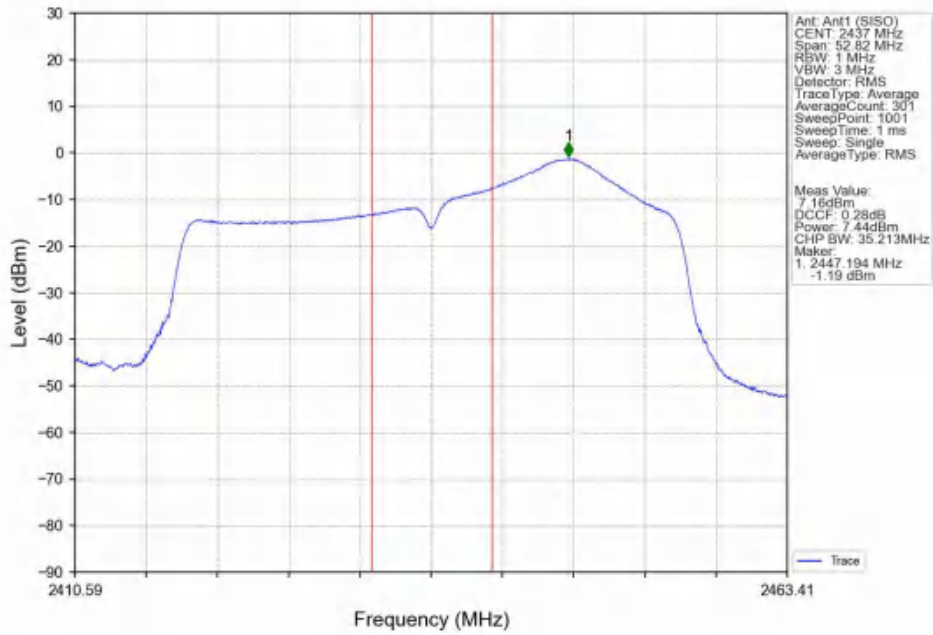
802.11ax(HE20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV



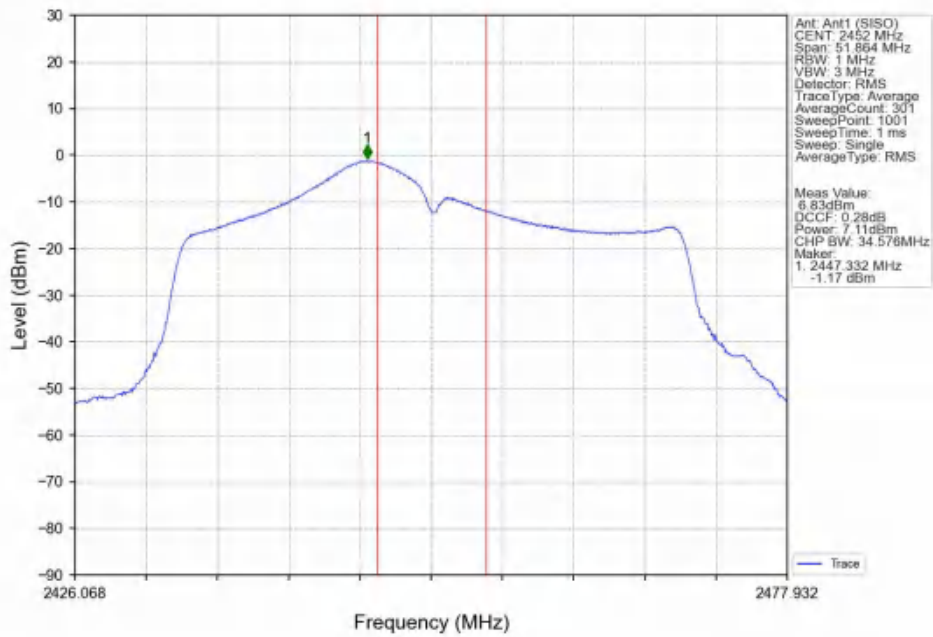
802.11ax(HE40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV



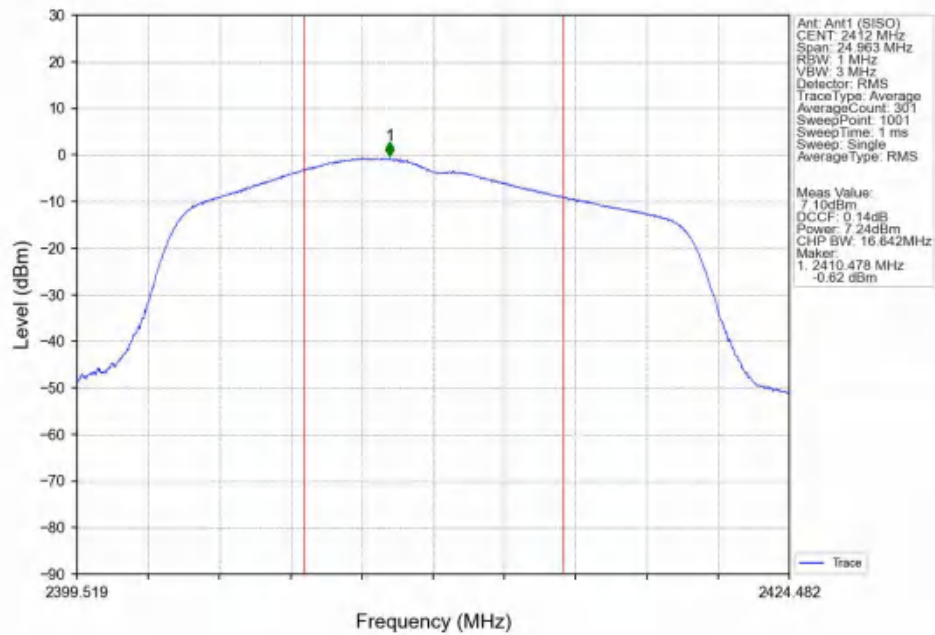
802.11ax(HE40)_MCH_2437MHz_SU_/_Ant1(SISO)_NTNV



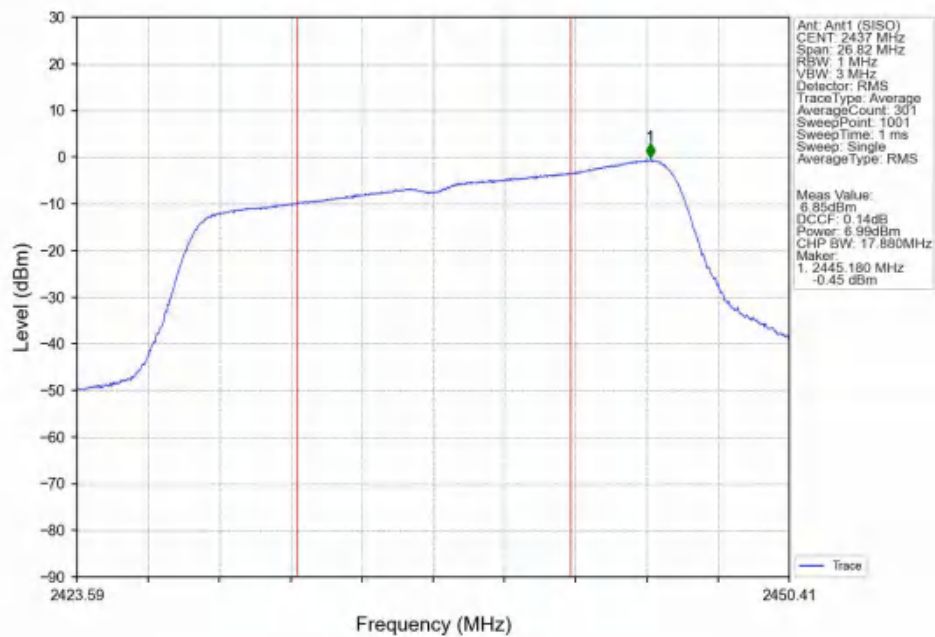
802.11ax(HE40)_HCH_2452MHz_SU_/_Ant1(SISO)_NTNV



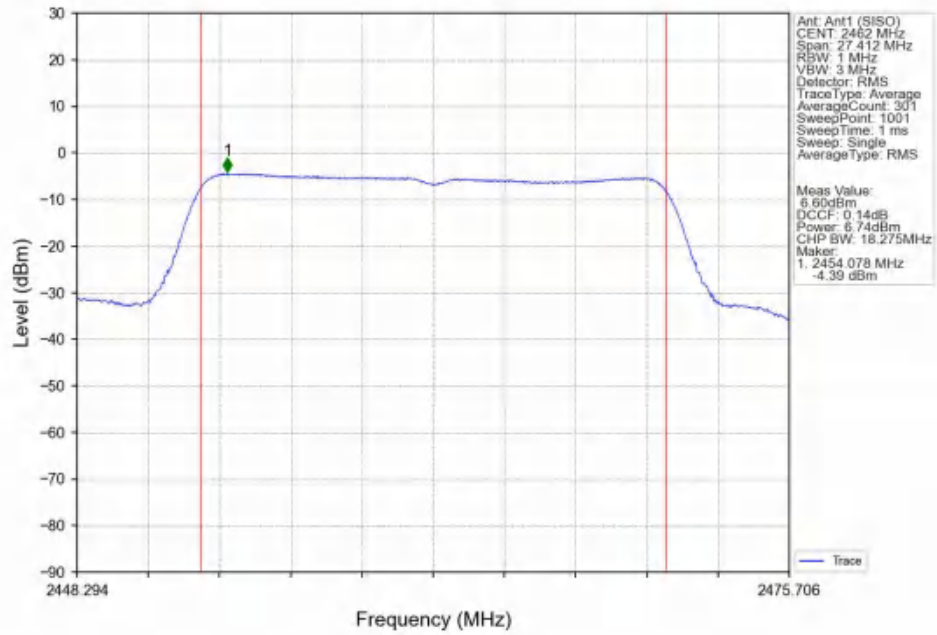
802.11ac(VHT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



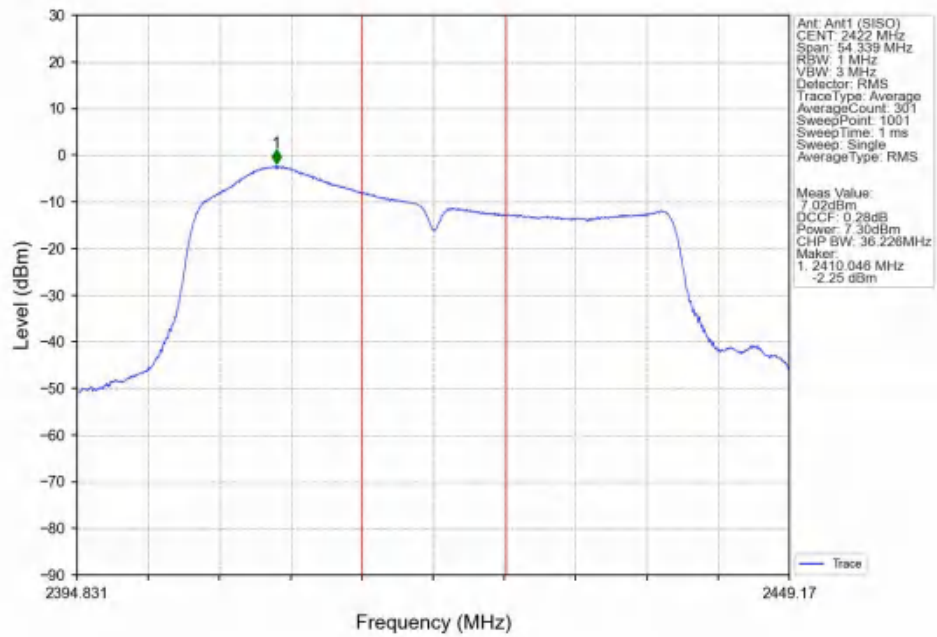
802.11ac(VHT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



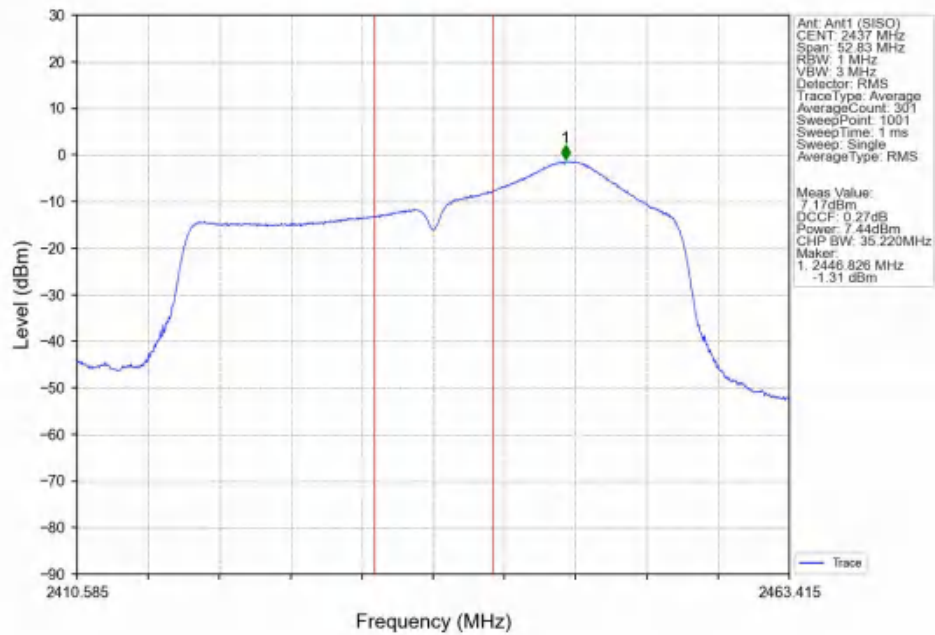
802.11ac(VHT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



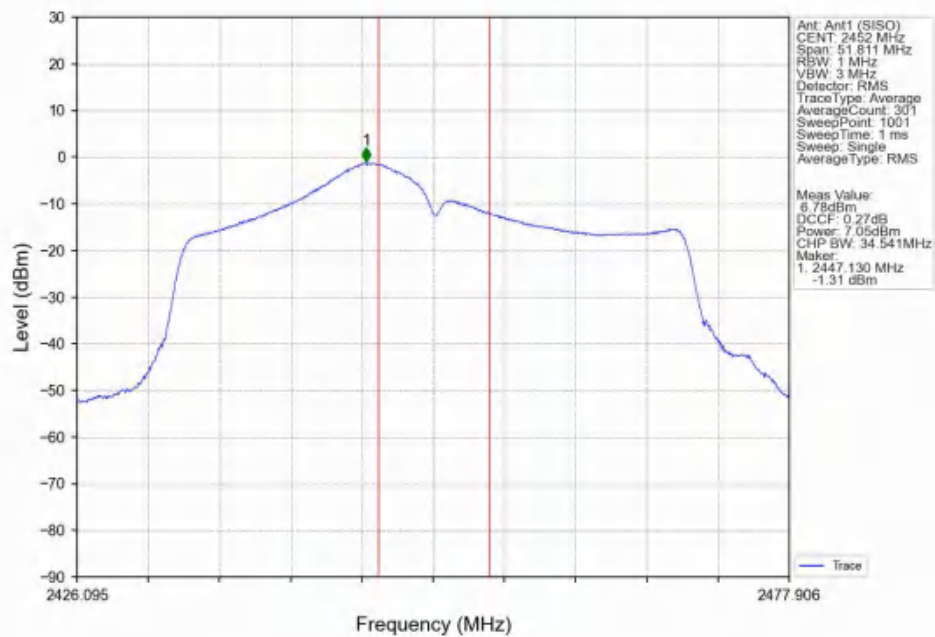
802.11ac(VHT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



4. Power Spectral Density

4.1 Test Result

4.1.1 PSD

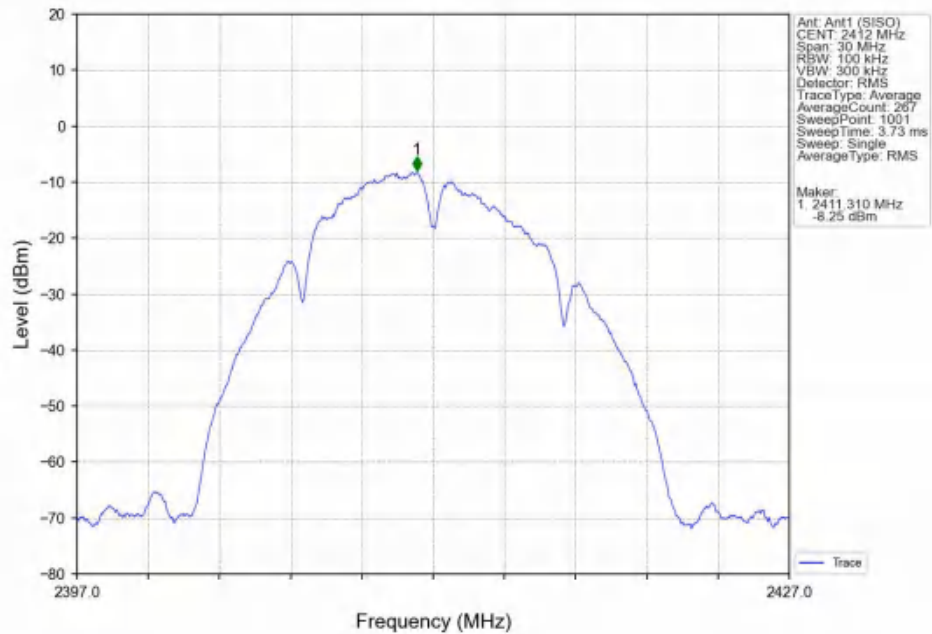
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD		Verdict
					ANT1 (dBm/100KHz)	Limit(dBm/3KHz)	
802.11b	SISO	2412	/	/	-8.25	<=8	Pass
		2437	/	/	-9.78	<=8	Pass
		2462	/	/	-9.76	<=8	Pass
802.11g	SISO	2412	/	/	-9.29	<=8	Pass
		2437	/	/	-9.43	<=8	Pass
		2462	/	/	-12.71	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-9.71	<=8	Pass
		2437	/	/	-8.99	<=8	Pass
		2462	/	/	-12.73	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-11.01	<=8	Pass
		2437	/	/	-10.22	<=8	Pass
		2452	/	/	-9.58	<=8	Pass
802.11ax (HE20)	SISO	2412	SU	/	-9.57	<=8	Pass
		2437	SU	/	-8.93	<=8	Pass
		2462	SU	/	-12.75	<=8	Pass
802.11ax (HE40)	SISO	2422	SU	/	-11.07	<=8	Pass
		2437	SU	/	-9.98	<=8	Pass
		2452	SU	/	-10.06	<=8	Pass
802.11ac (VHT20)	SISO	2412	/	/	-9.59	<=8	Pass
		2437	/	/	-9.09	<=8	Pass
		2462	/	/	-13.00	<=8	Pass
802.11ac (VHT40)	SISO	2422	/	/	-10.97	<=8	Pass
		2437	/	/	-10.08	<=8	Pass
		2452	/	/	-9.91	<=8	Pass

Note1: Antenna Gain: Ant1: 1.47dBi;

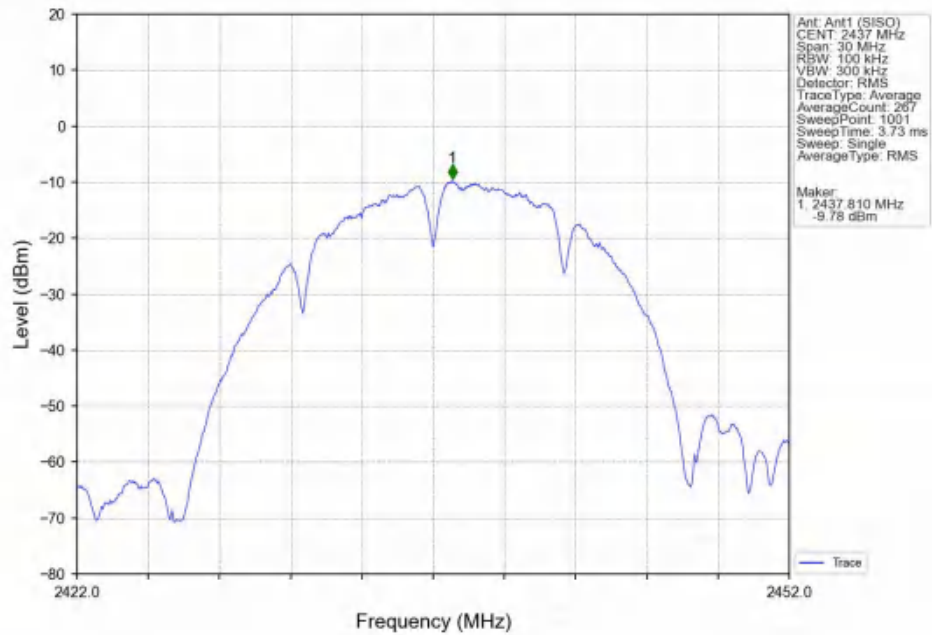
4.2 Test Graph

4.2.1 PSD

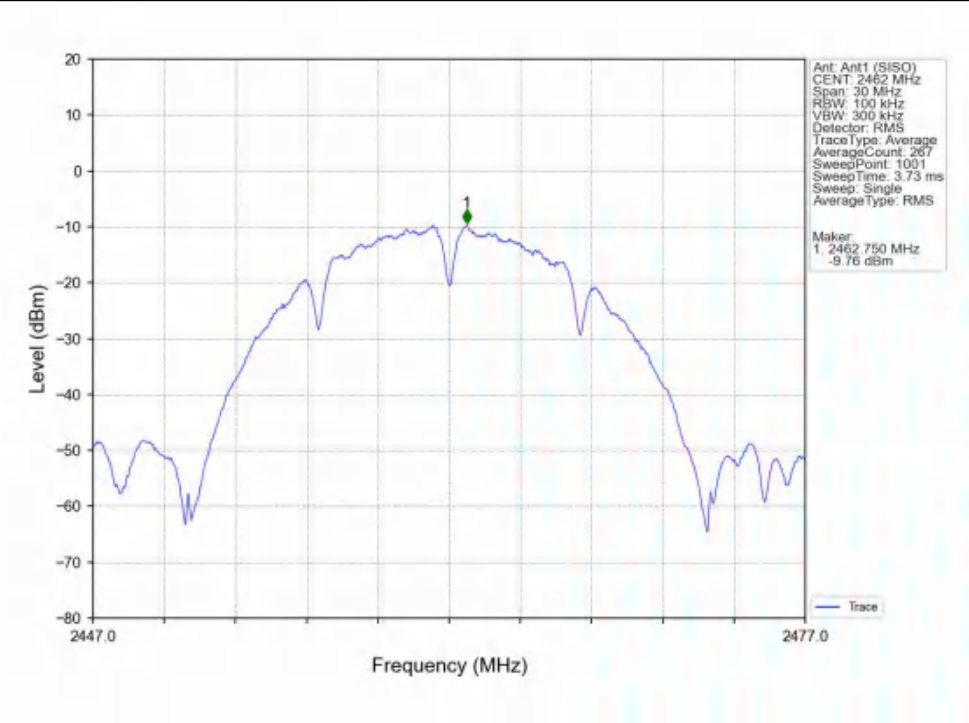
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



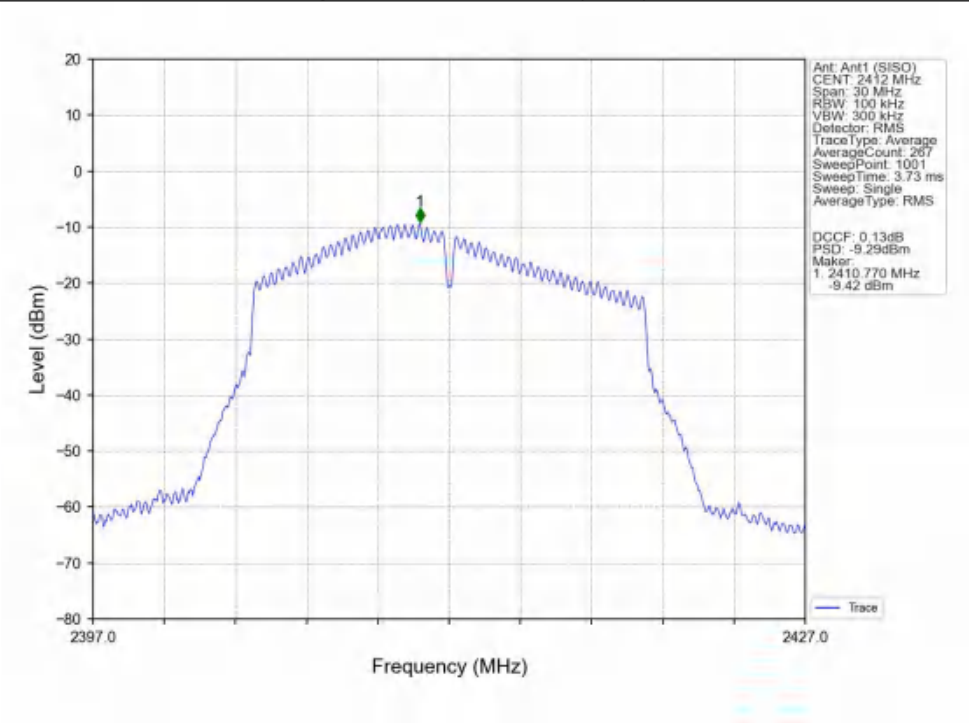
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



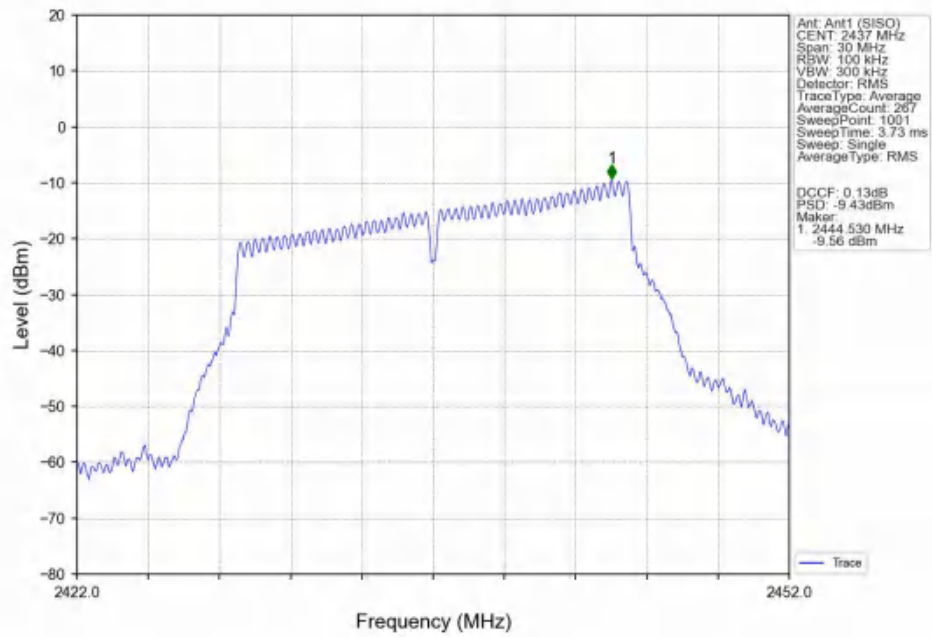
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



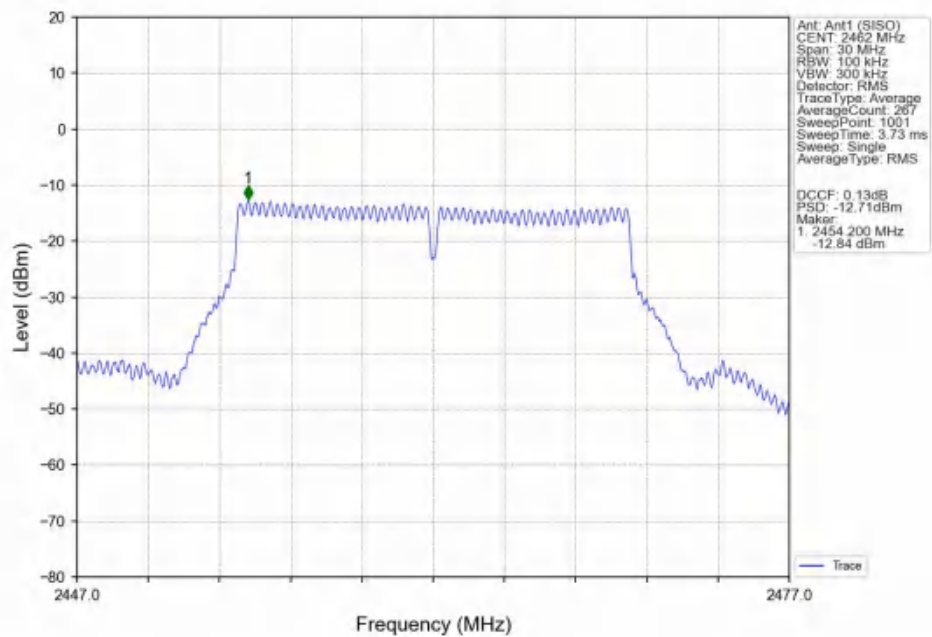
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



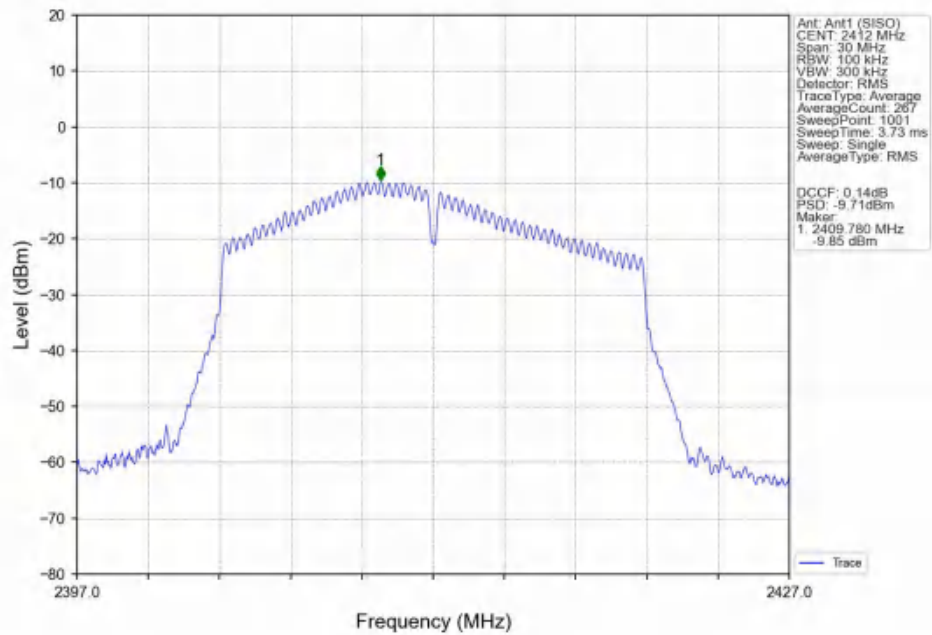
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



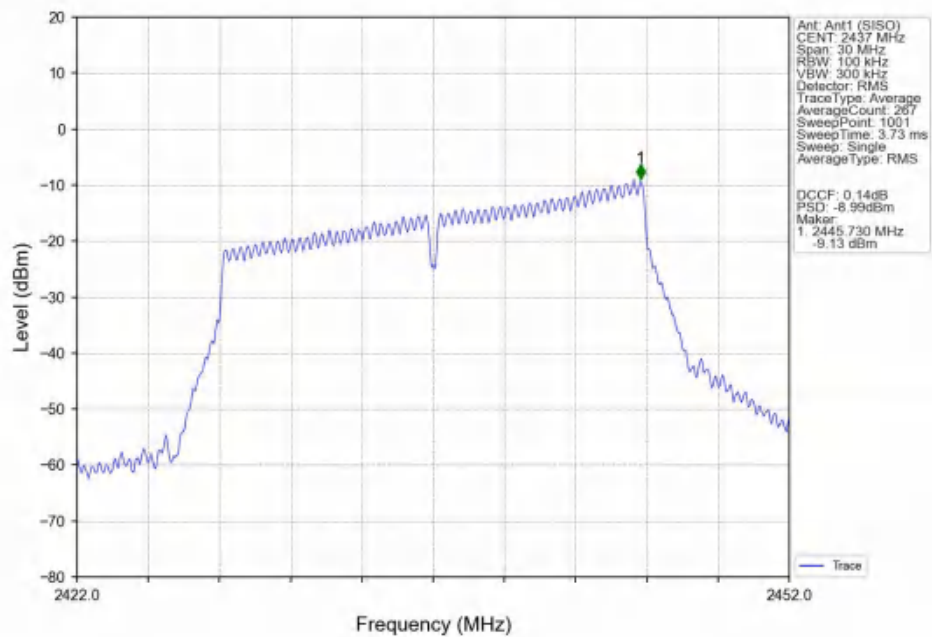
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



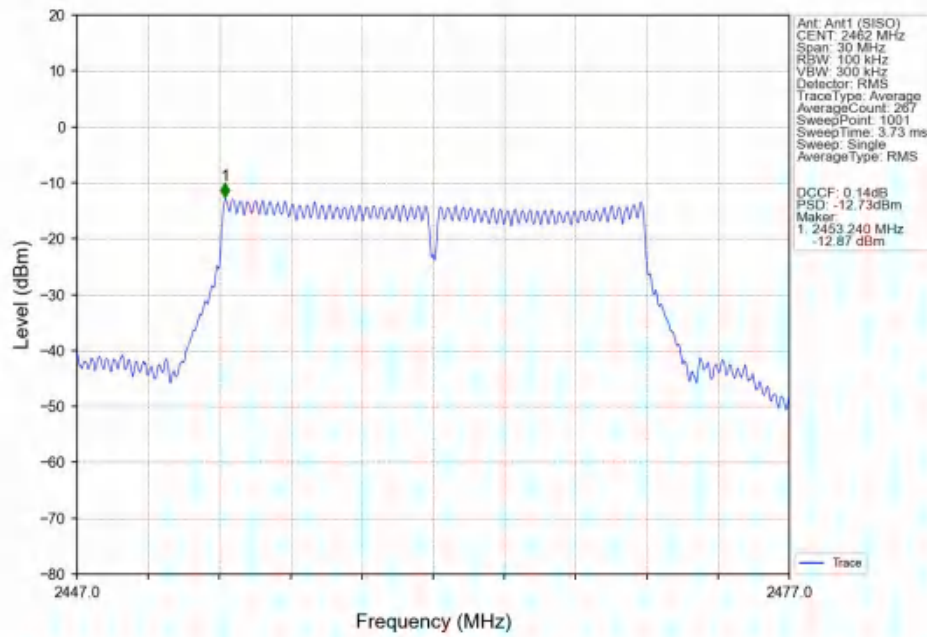
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



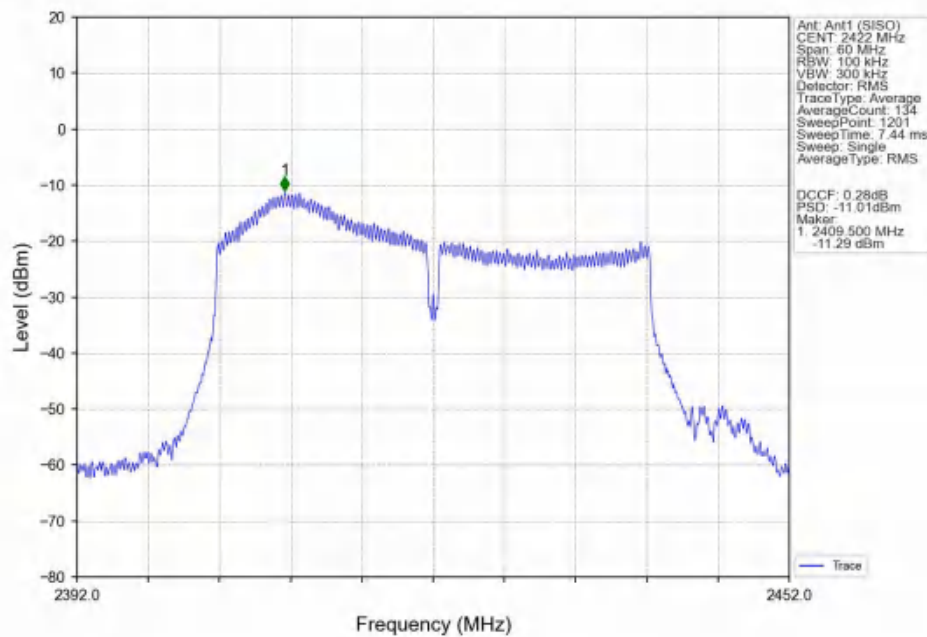
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



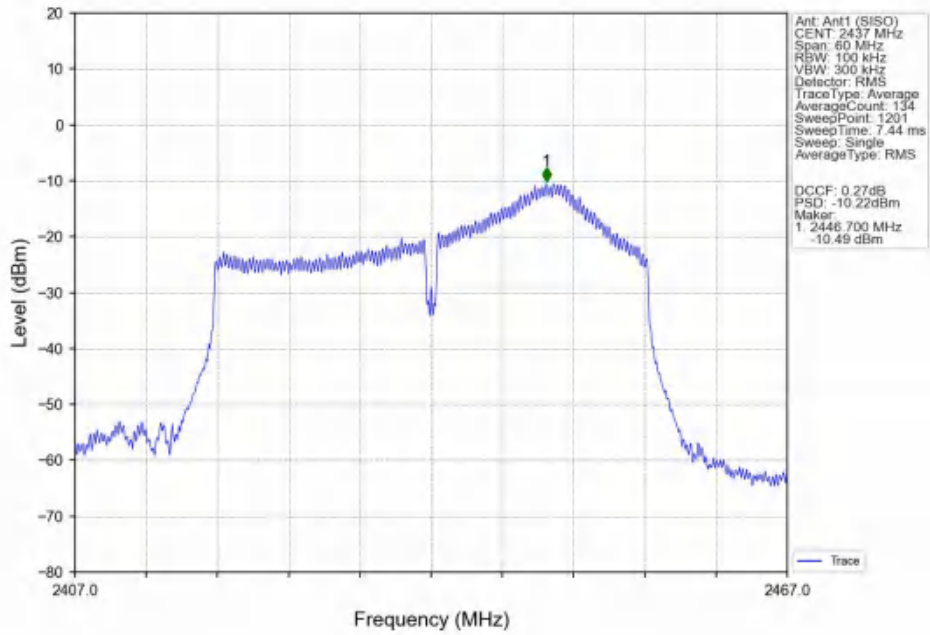
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



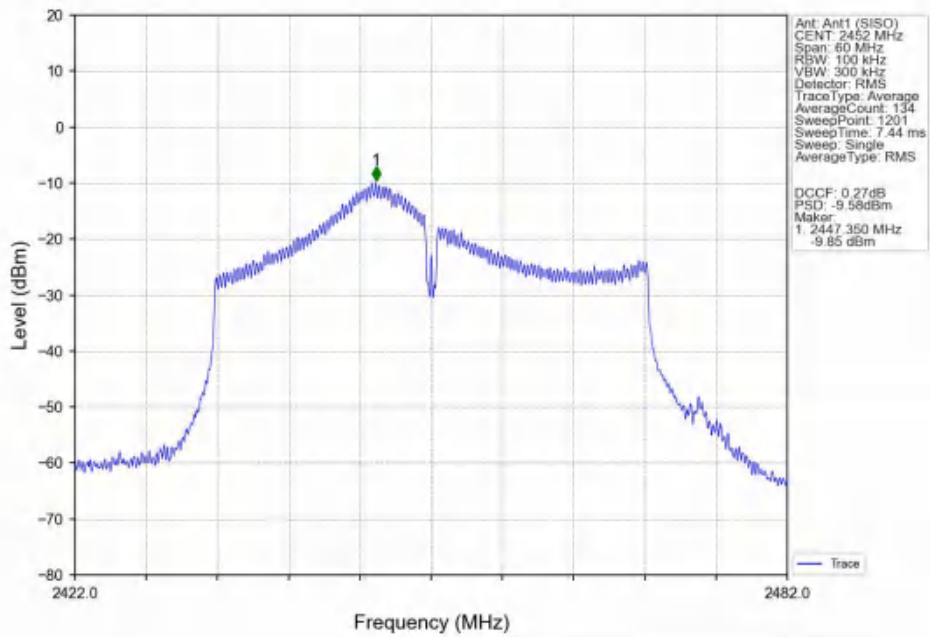
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



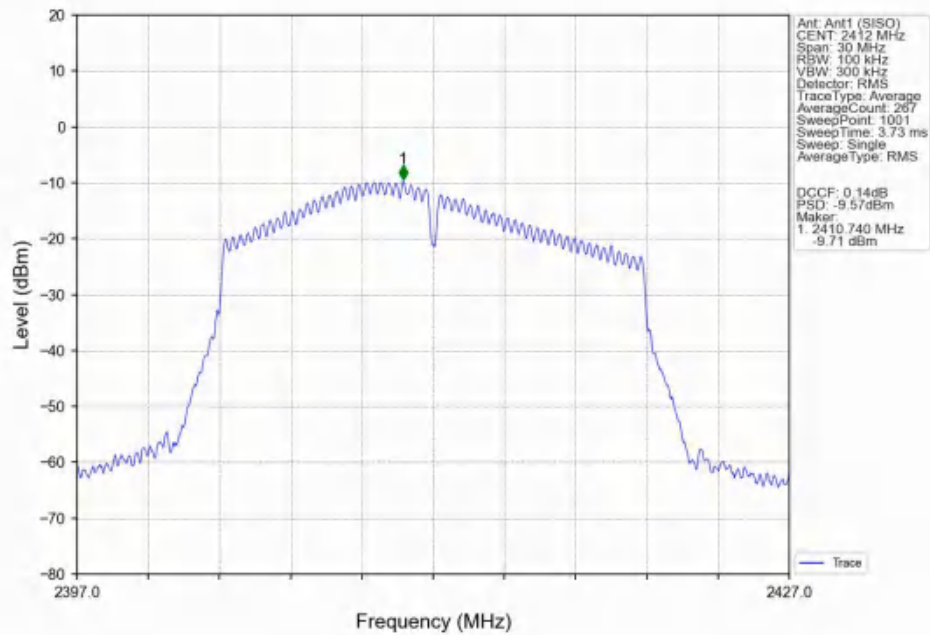
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



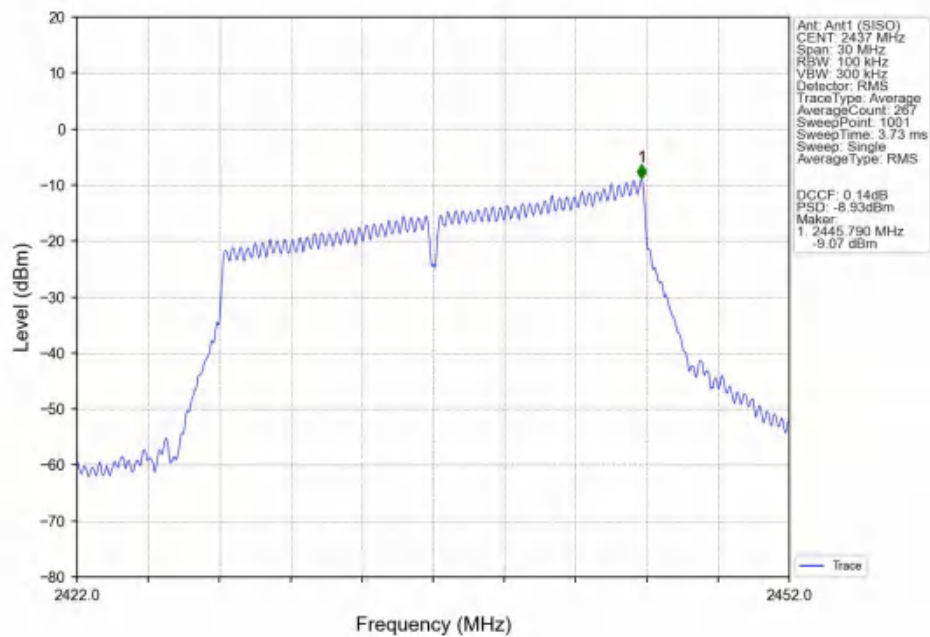
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



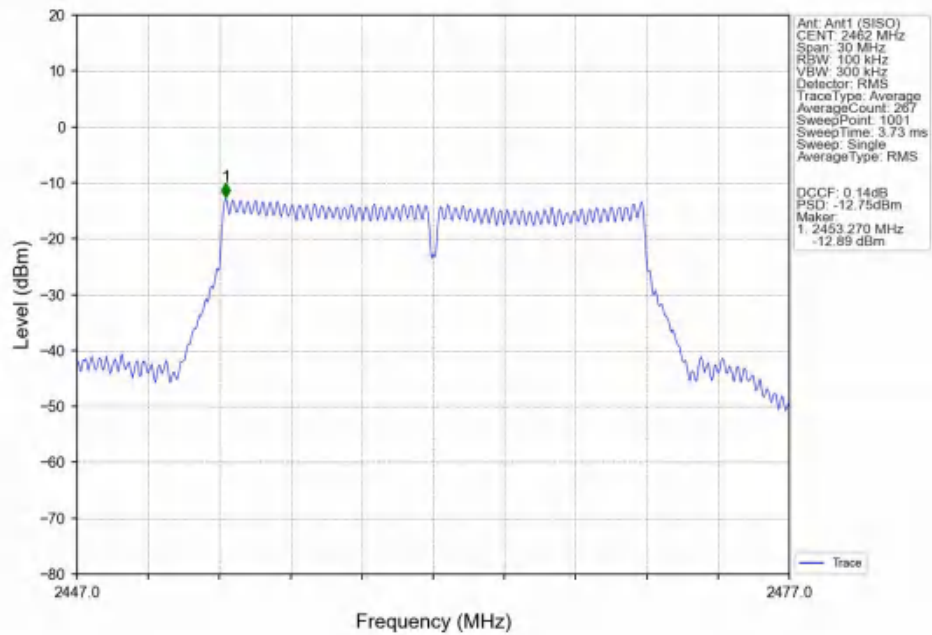
802.11ax(HE20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



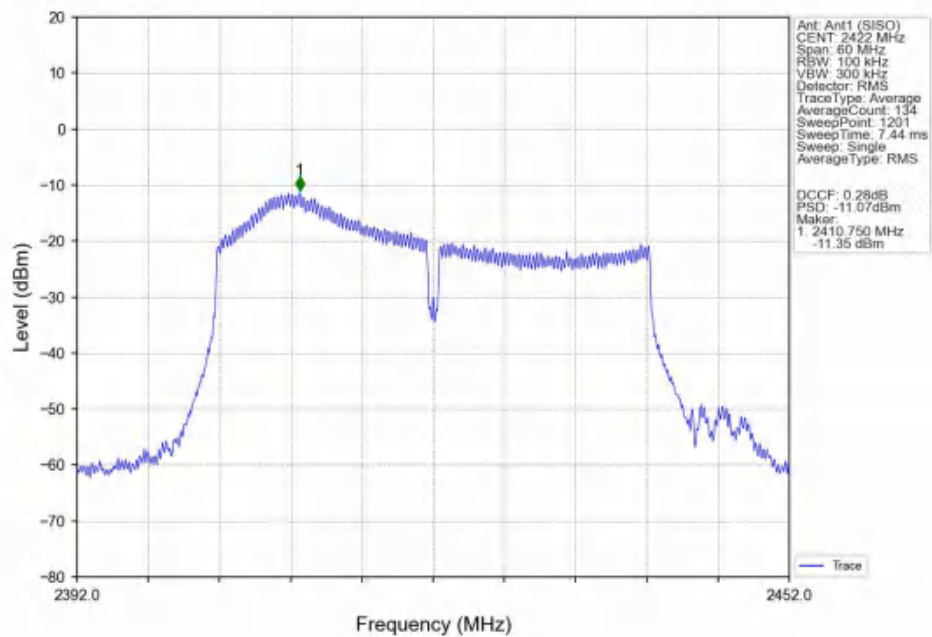
802.11ax(HE20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



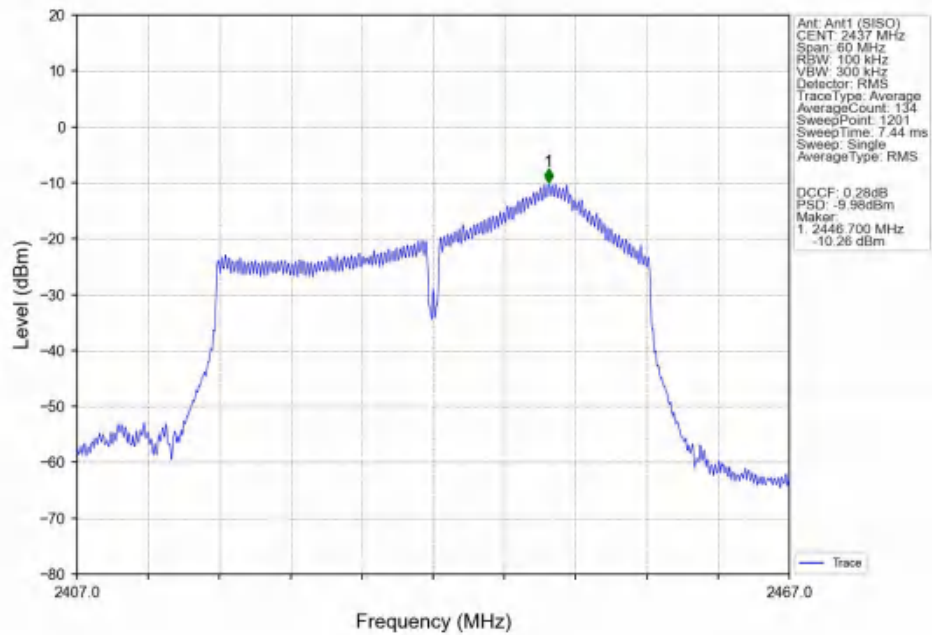
802.11ax(HE20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV



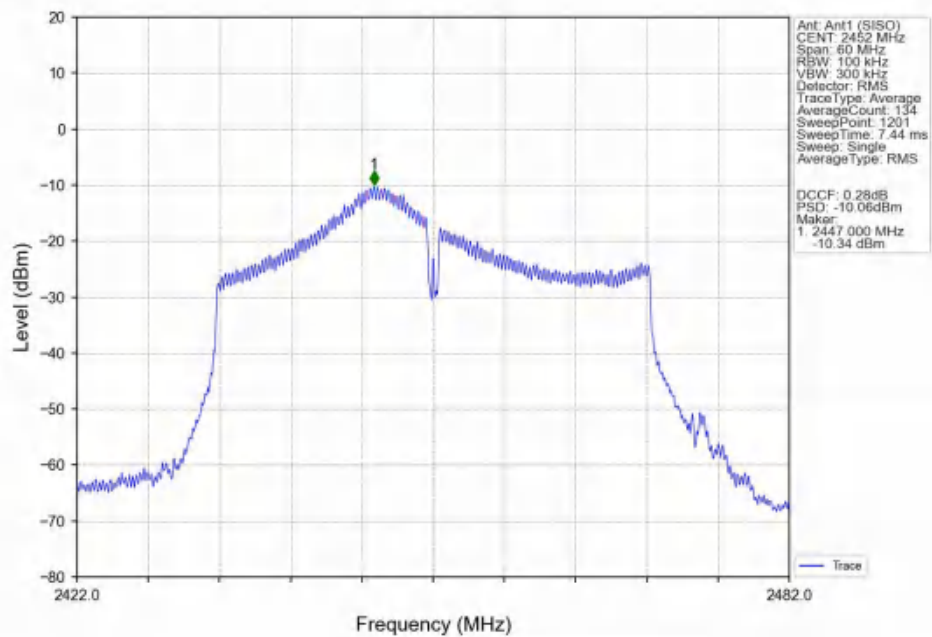
802.11ax(HE40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV



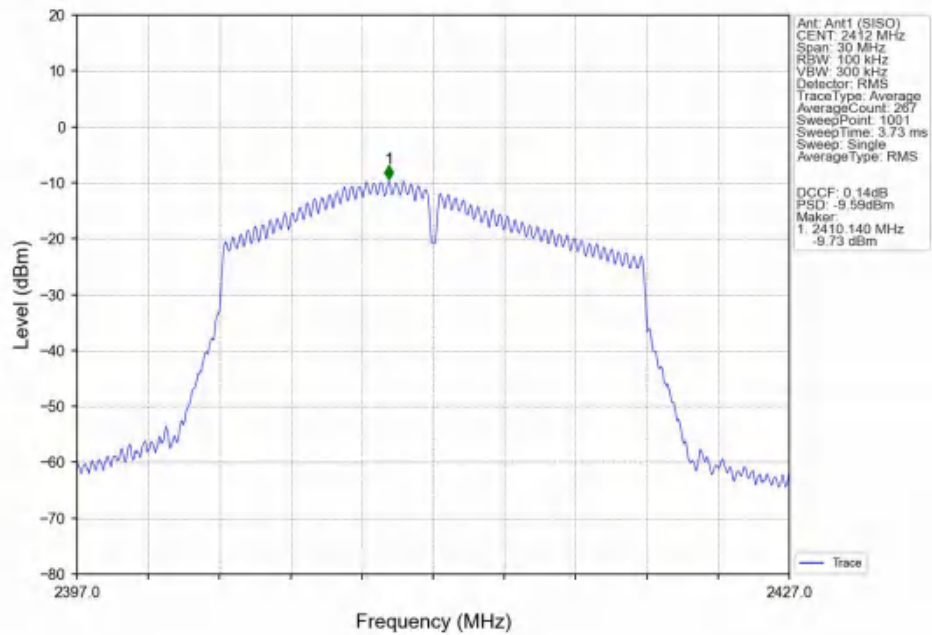
802.11ax(HE40)_MCH_2437MHz_SU / _Ant1 (SISO)_NTNV



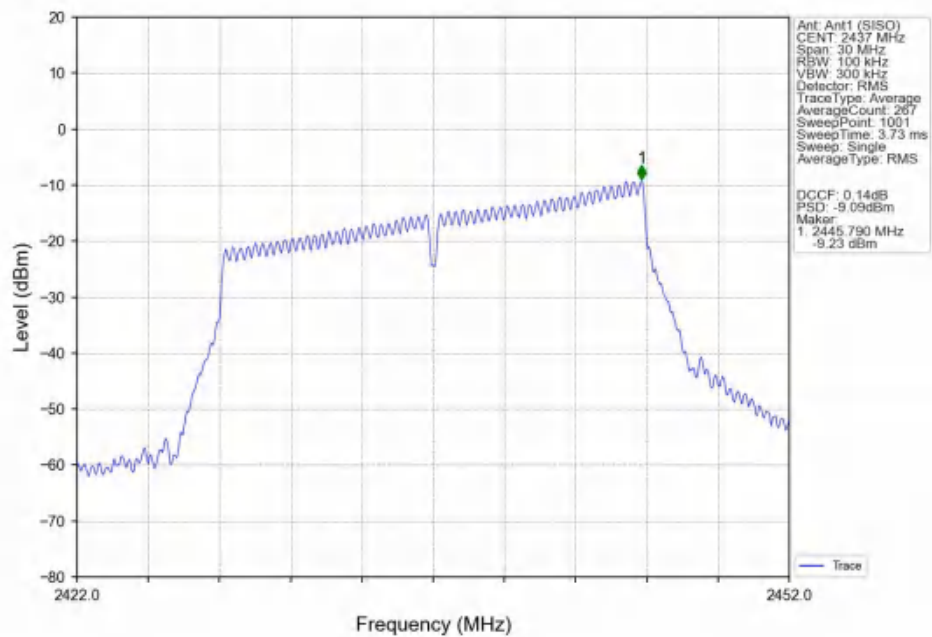
802.11ax(HE40)_HCH_2452MHz_SU / _Ant1 (SISO)_NTNV



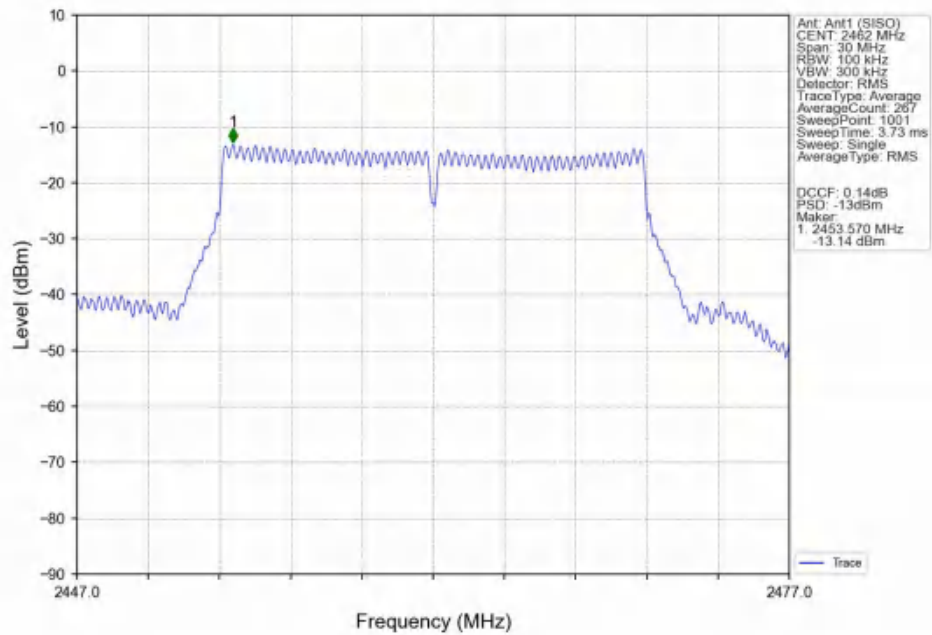
802.11ac(VHT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



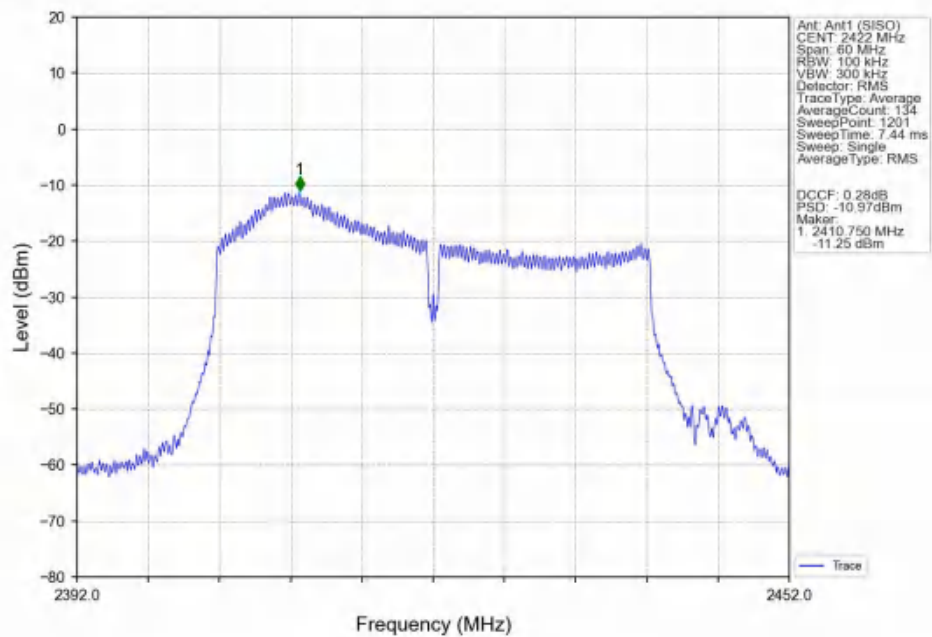
802.11ac(VHT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



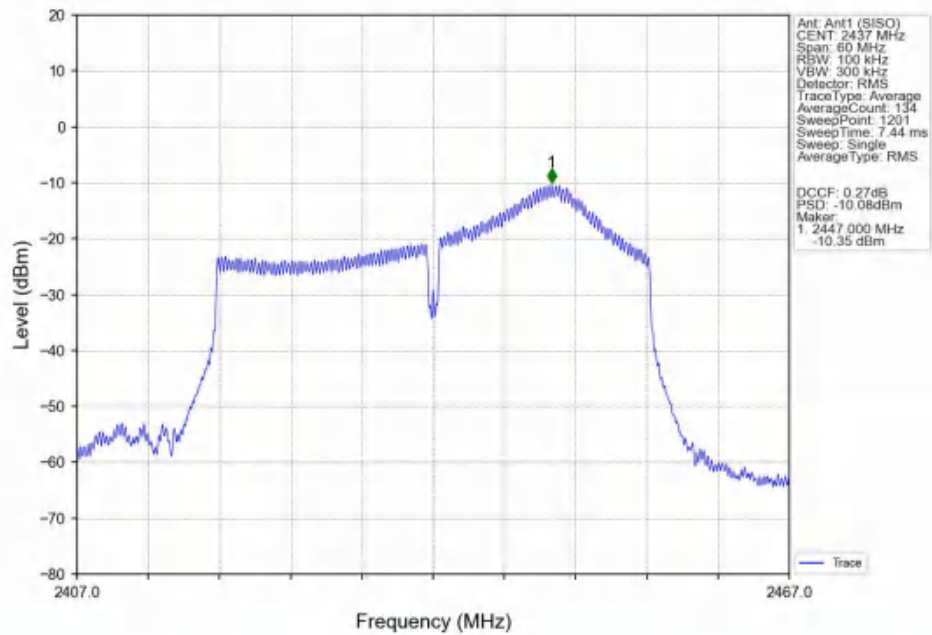
802.11ac(VHT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



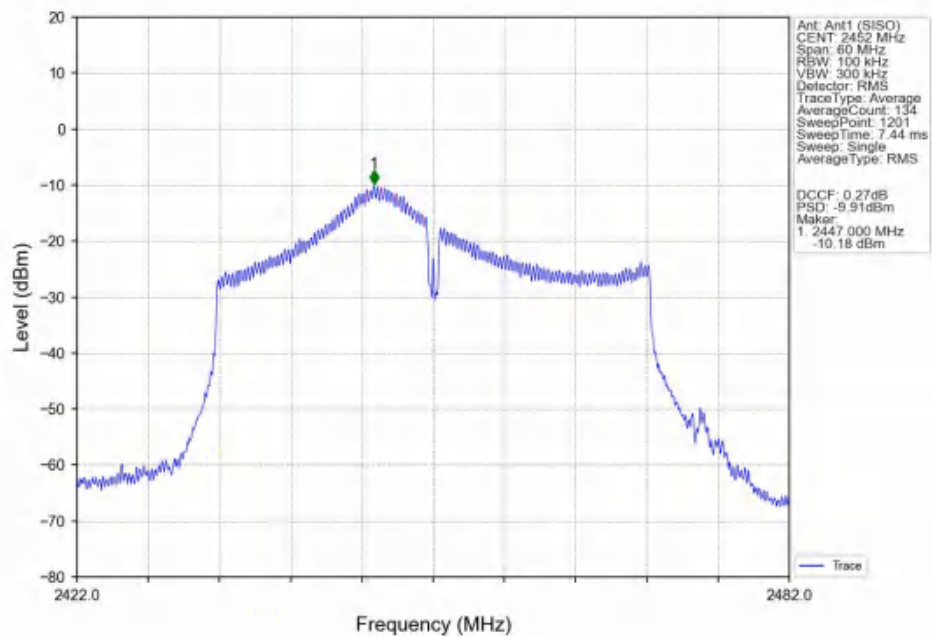
802.11ac(VHT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_HCH_2452MHz_Ant1 (SISO)_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	SISO	2412	/	/	1	-1.69
		2437	/	/	1	-0.32
		2462	/	/	1	2.96
802.11g	SISO	2412	/	/	1	-1.49
		2437	/	/	1	-1.03
		2462	/	/	1	-1.16
802.11n (HT20)	SISO	2412	/	/	1	-1.48
		2437	/	/	1	-1.25
		2462	/	/	1	-1.31
802.11n (HT40)	SISO	2422	/	/	1	-4.83
		2437	/	/	1	-4.52
		2452	/	/	1	-4.51
802.11ax (HE20)	SISO	2412	SU	/	1	-1.45
		2437	SU	/	1	-1.63
		2462	SU	/	1	-1.13
802.11ax (HE40)	SISO	2422	SU	/	1	-4.85
		2437	SU	/	1	-4.59
		2452	SU	/	1	-4.71
802.11ac (VHT20)	SISO	2412	/	/	1	-1.42
		2437	/	/	1	-1.67
		2462	/	/	1	-1.17
802.11ac (VHT40)	SISO	2422	/	/	1	-5.22
		2437	/	/	1	-4.36
		2452	/	/	1	-4.68

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	-1.69	-31.69	Pass
		2437	/	/	1	-0.32	-30.32	Pass
		2462	/	/	1	2.96	-27.04	Pass
802.11g	SISO	2412	/	/	1	-1.49	-31.49	Pass
		2437	/	/	1	-1.03	-31.03	Pass
		2462	/	/	1	-1.16	-31.16	Pass
802.11n (HT20)	SISO	2412	/	/	1	-1.48	-31.48	Pass
		2437	/	/	1	-1.25	-31.25	Pass
		2462	/	/	1	-1.31	-31.31	Pass
802.11n (HT40)	SISO	2422	/	/	1	-4.83	-34.83	Pass
		2437	/	/	1	-4.52	-34.52	Pass
		2452	/	/	1	-4.51	-34.51	Pass
802.11ax (HE20)	SISO	2412	SU	/	1	-1.45	-31.45	Pass
		2437	SU	/	1	-1.63	-31.63	Pass
		2462	SU	/	1	-1.13	-31.13	Pass
802.11ax (HE40)	SISO	2422	SU	/	1	-4.85	-34.85	Pass
		2437	SU	/	1	-4.59	-34.59	Pass
		2452	SU	/	1	-4.71	-34.71	Pass
802.11ac	SISO	2412	/	/	1	-1.42	-31.42	Pass

(VHT20)		2437	/	/	1	-1.67	-31.67	Pass
		2462	/	/	1	-1.17	-31.17	Pass
802.11ac (VHT40)	SISO	2422	/	/	1	-5.22	-35.22	Pass
		2437	/	/	1	-4.36	-34.36	Pass
		2452	/	/	1	-4.68	-34.68	Pass

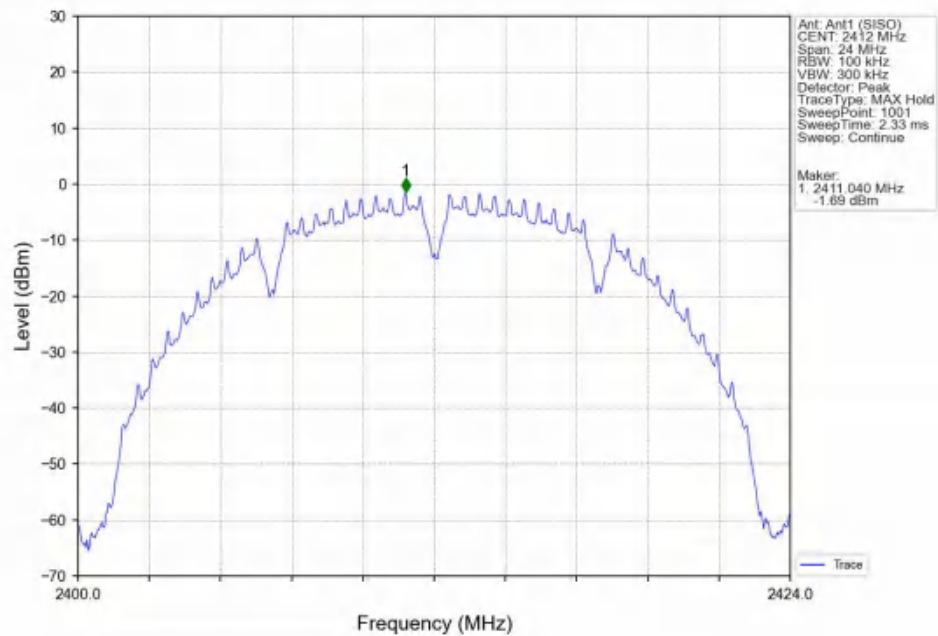
5.1.3.Band Edge Measurement

Mode	Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
802.11b	2412	-47.08	-31.69	Pass
	2462	-56.74	-27.04	Pass
802.11g	2412	-41.41	-31.49	Pass
	2462	-49.23	-31.16	Pass
802.11n (HT20)	2412	-39.25	-31.48	Pass
	2462	-47.50	-31.31	Pass
802.11n (HT40)	2422	-41.46	-34.83	Pass
	2452	-37.75	-34.51	Pass
802.11ax (HE20)	2412	-41.36	-31.45	Pass
	2462	-45.48	-31.13	Pass
802.11ax (HE40)	2422	-40.78	-34.85	Pass
	2452	-37.89	-34.71	Pass
802.11ac (VHT20)	2412	-41.19	-31.42	Pass
	2462	-46.85	-31.17	Pass
802.11ac (VHT40)	2422	-42.53	-35.22	Pass
	2452	-38.04	-34.68	Pass

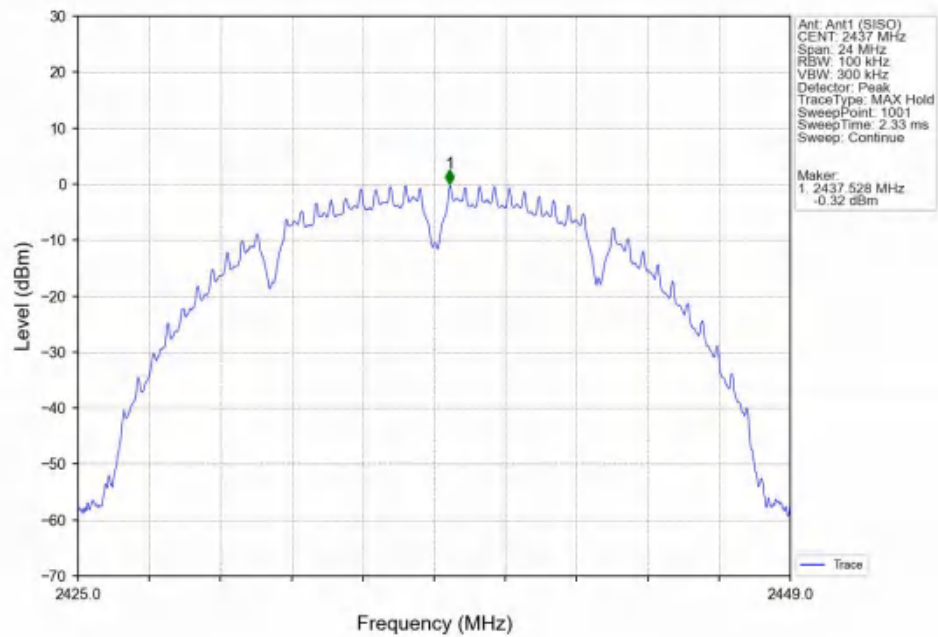
5.2 Test Graph

5.2.1 Ref

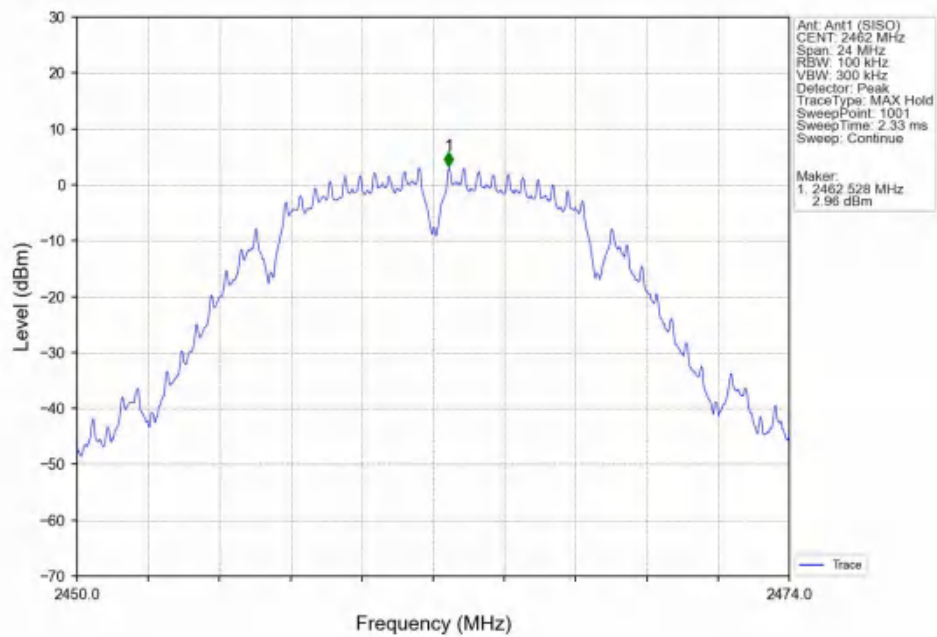
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



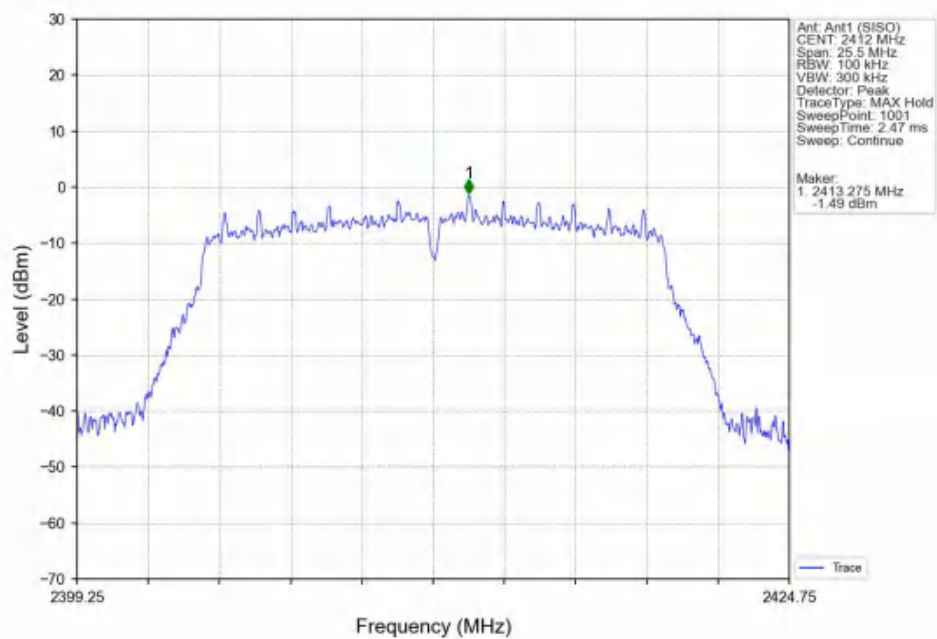
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



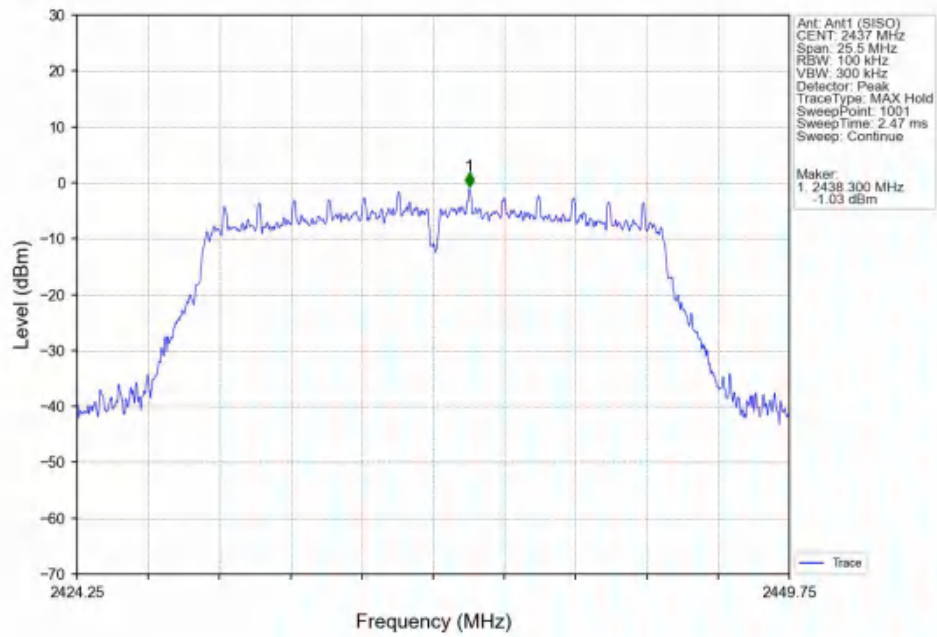
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



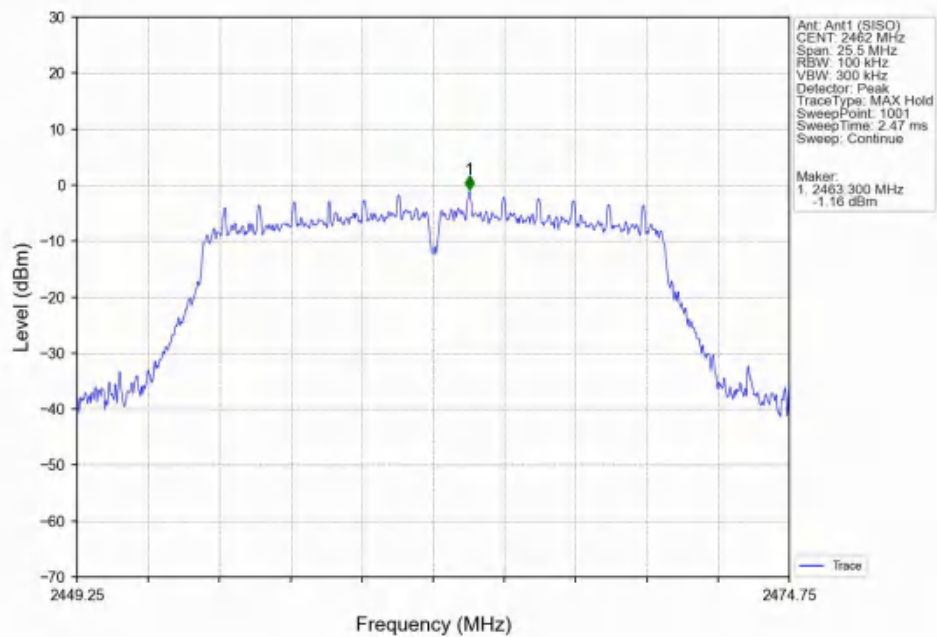
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



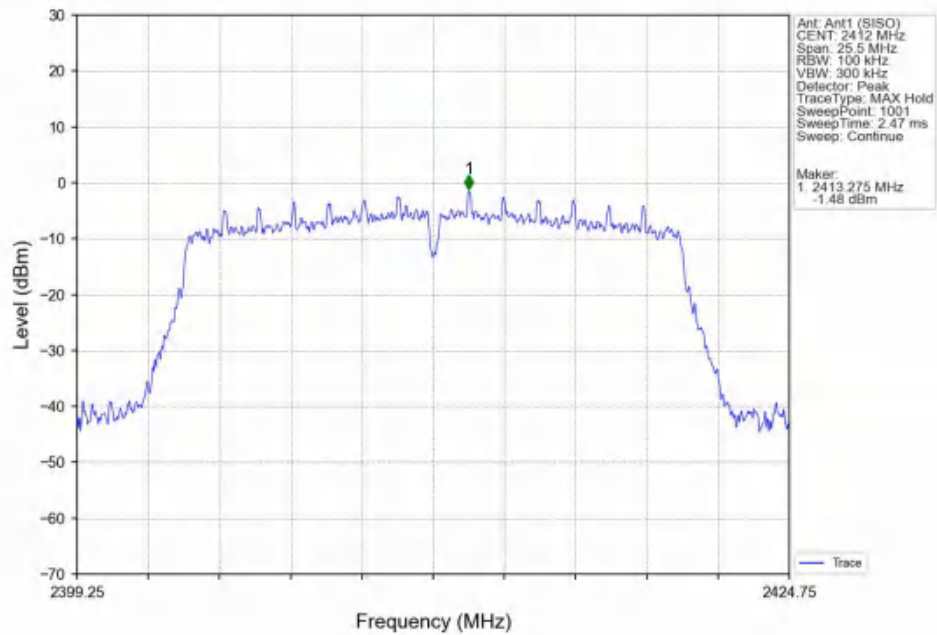
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



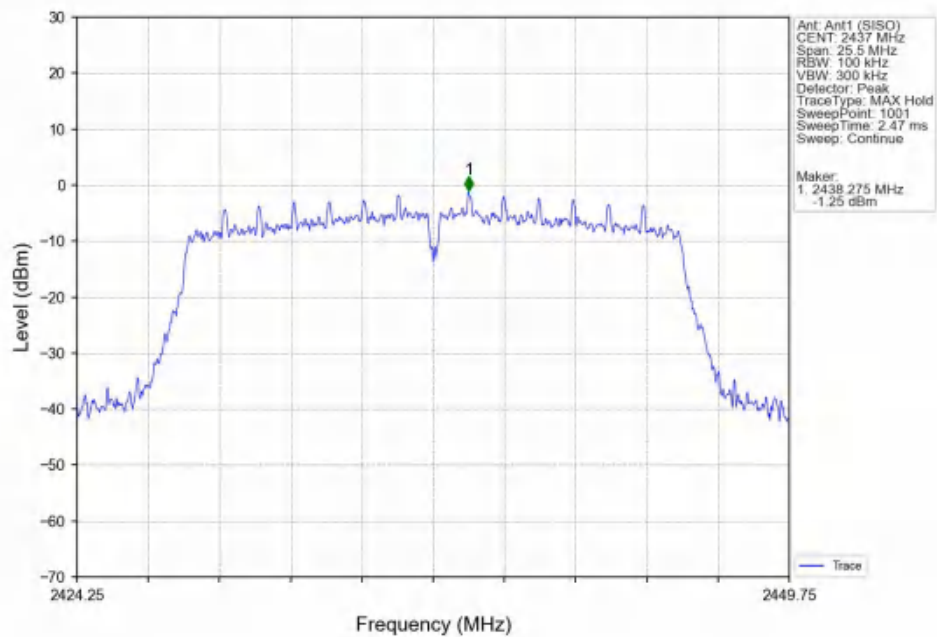
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



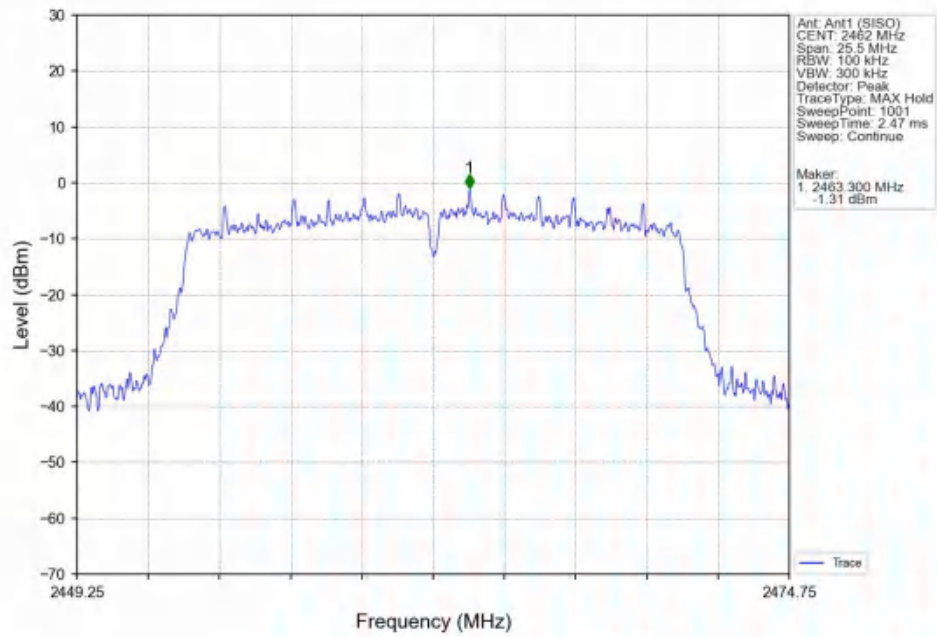
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



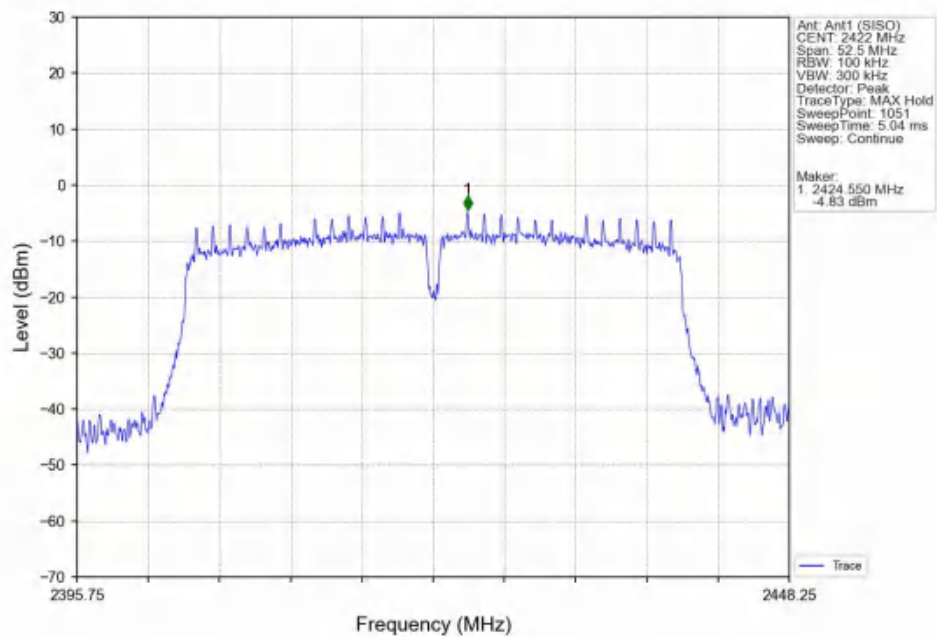
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



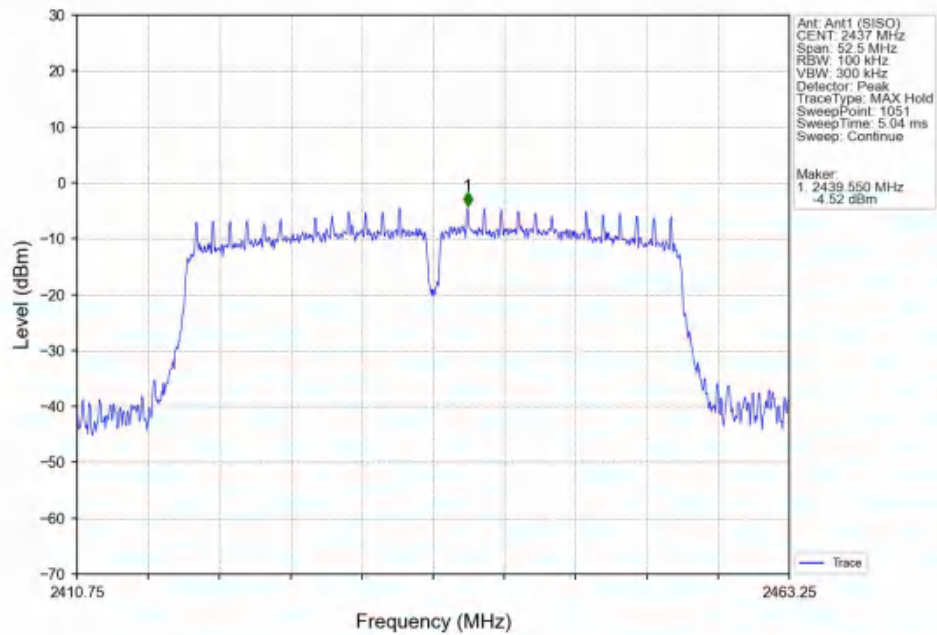
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



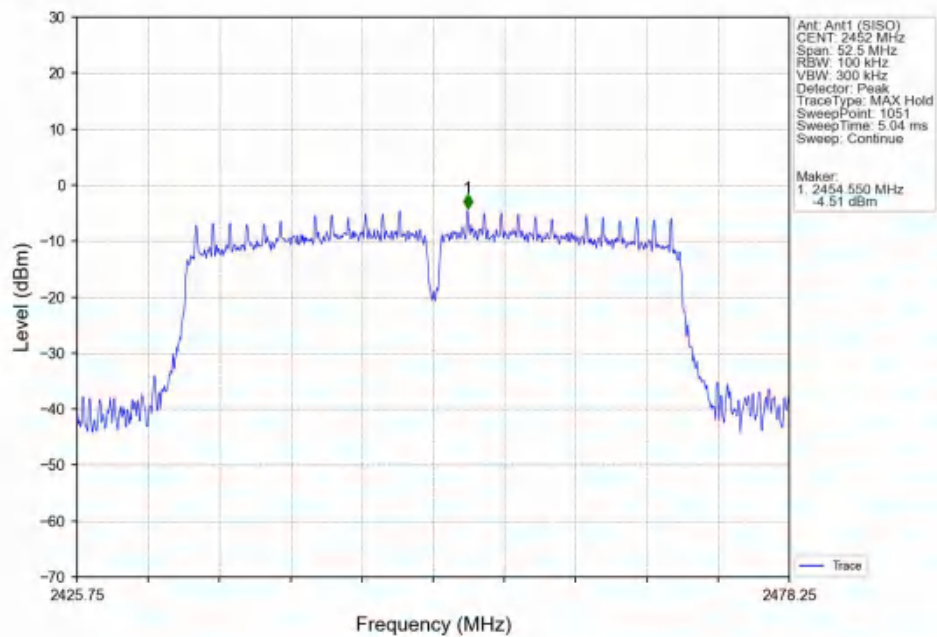
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



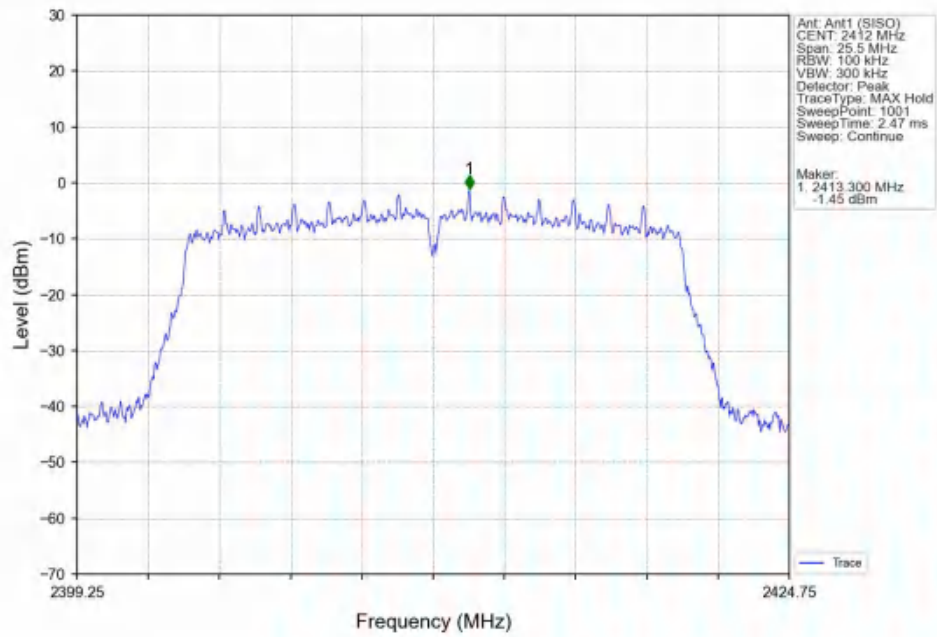
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



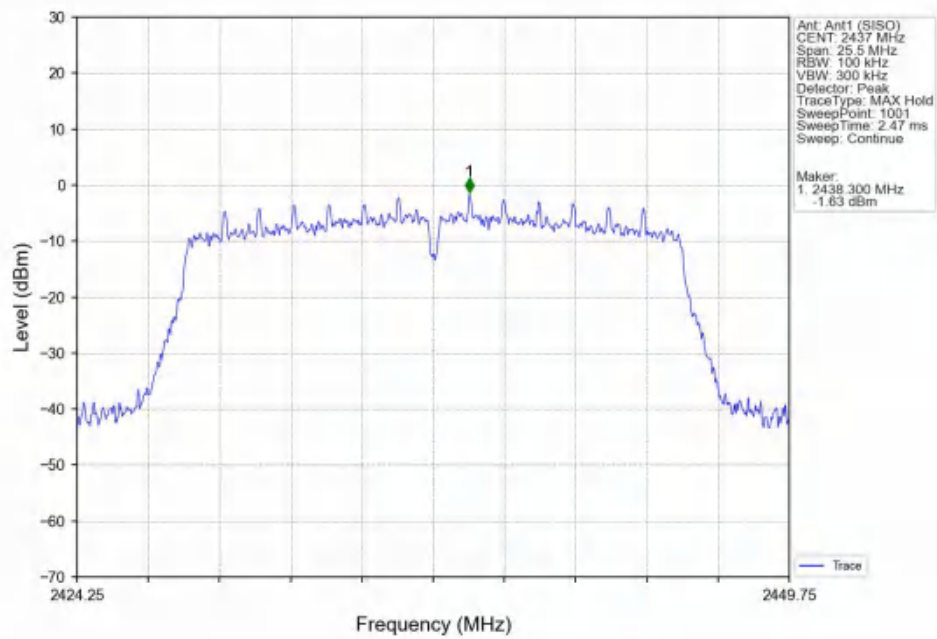
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



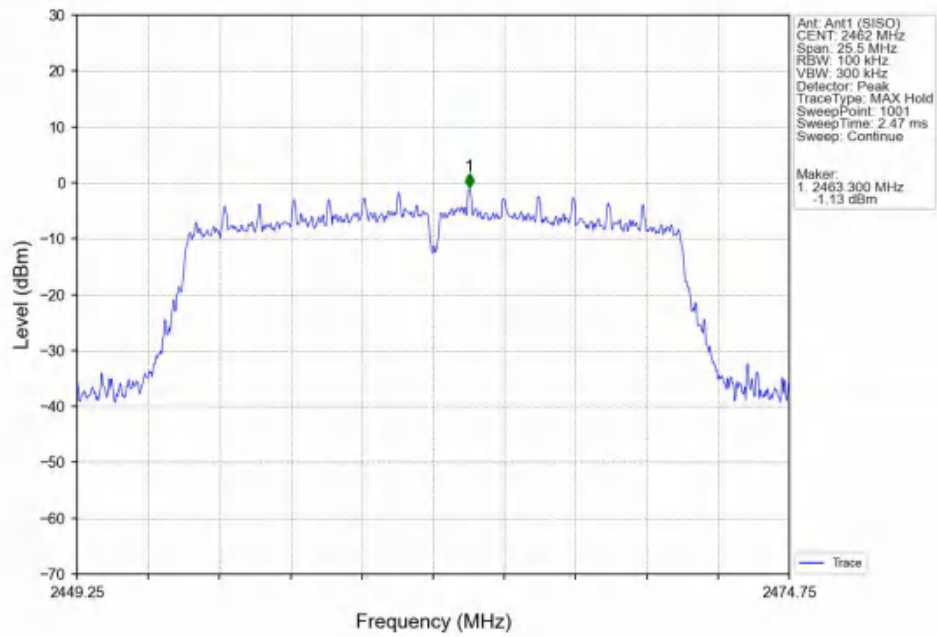
802.11ax(HE20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



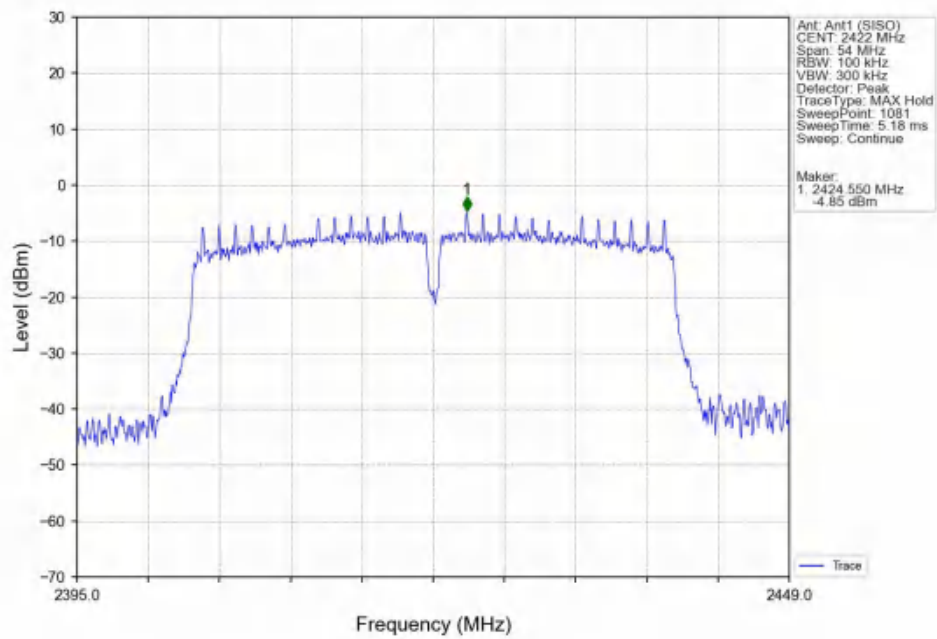
802.11ax(HE20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



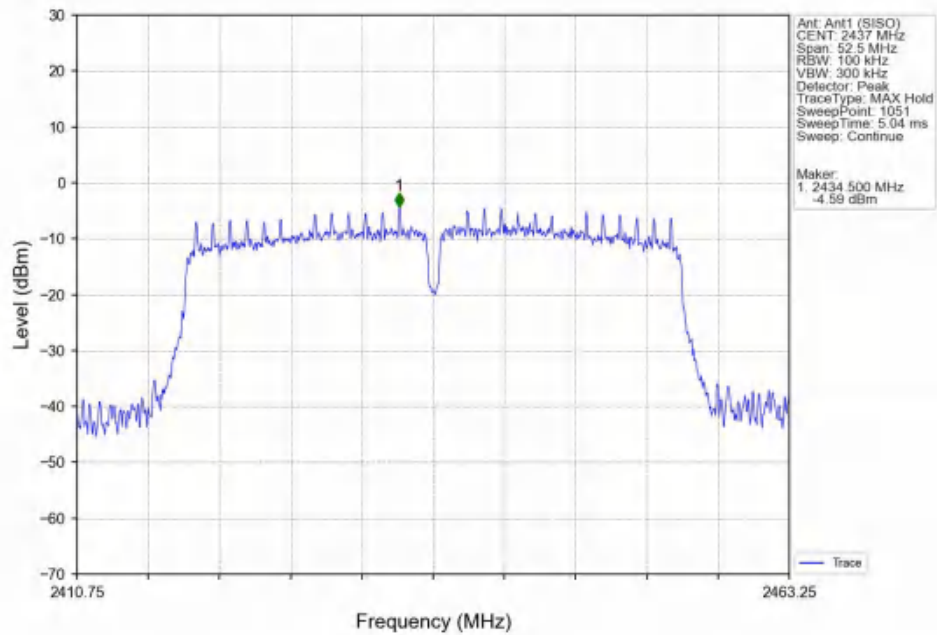
802.11ax(HE20)_HCH_2462MHz_SU_/_Ant1(SISO)_NTNV



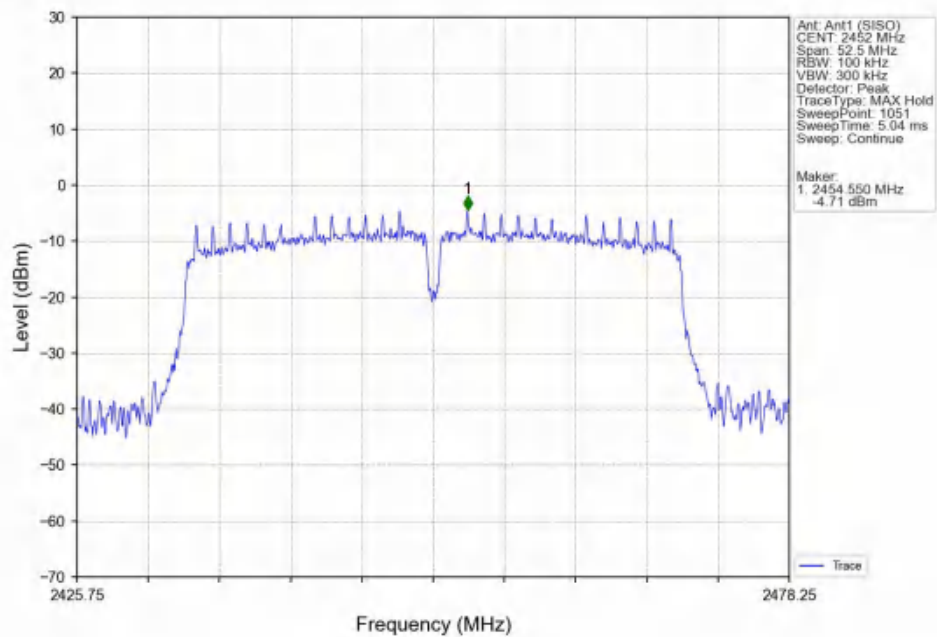
802.11ax(HE40)_LCH_2422MHz_SU_/_Ant1(SISO)_NTNV



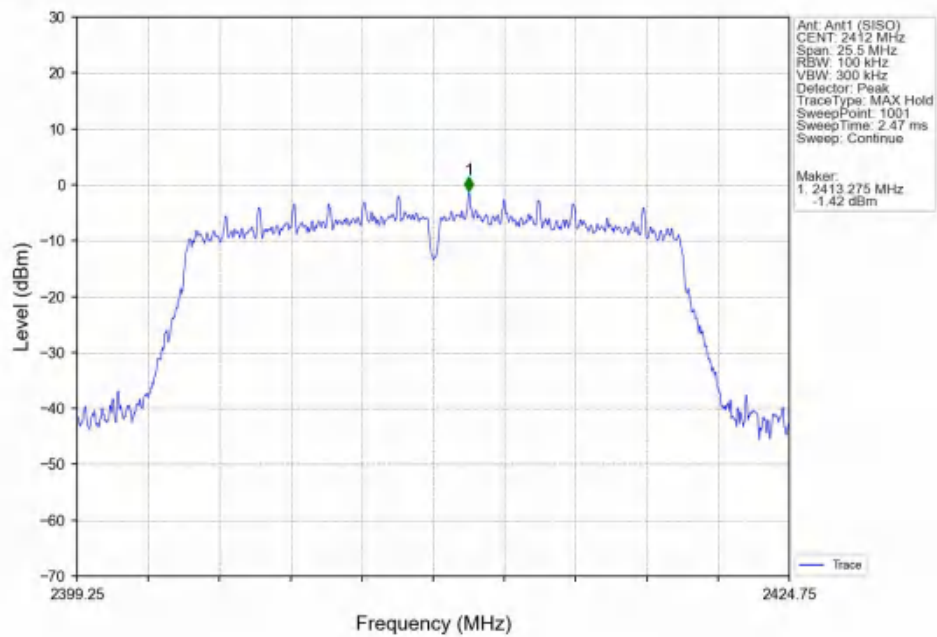
802.11ax(HE40)_MCH_2437MHz_SU_/_Ant1(SISO)_NTNV



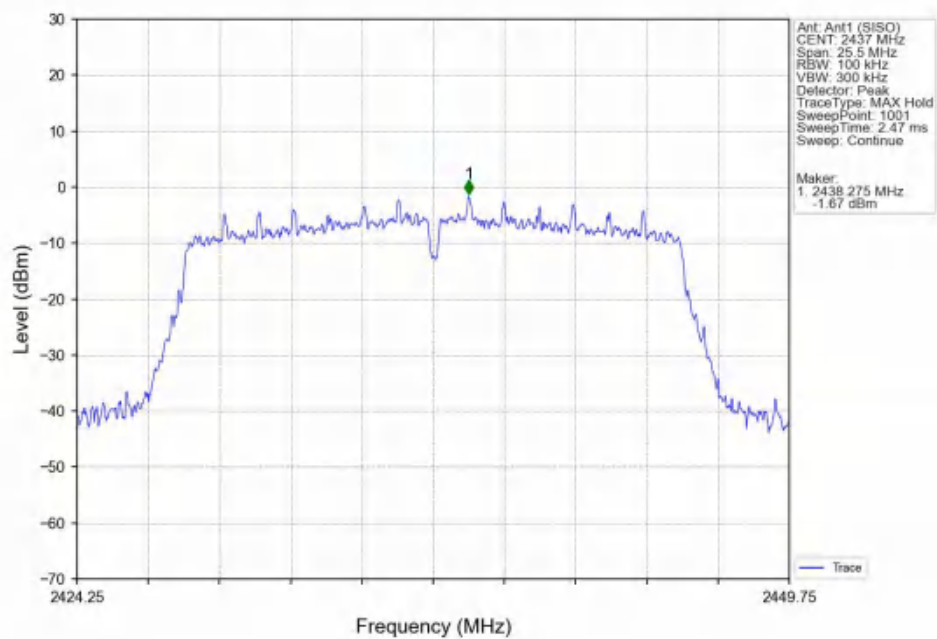
802.11ax(HE40)_HCH_2452MHz_SU_/_Ant1(SISO)_NTNV



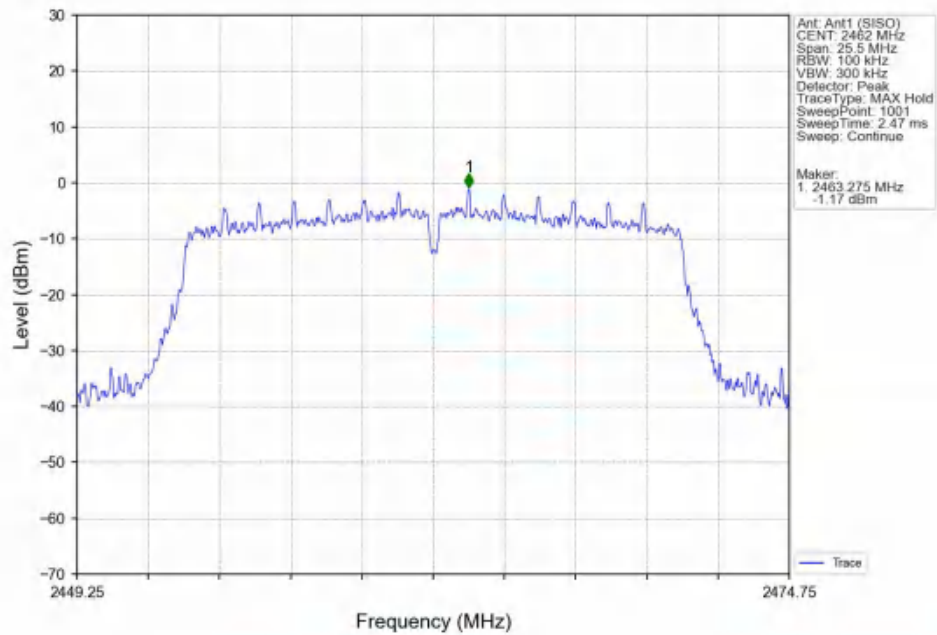
802.11ac(VHT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



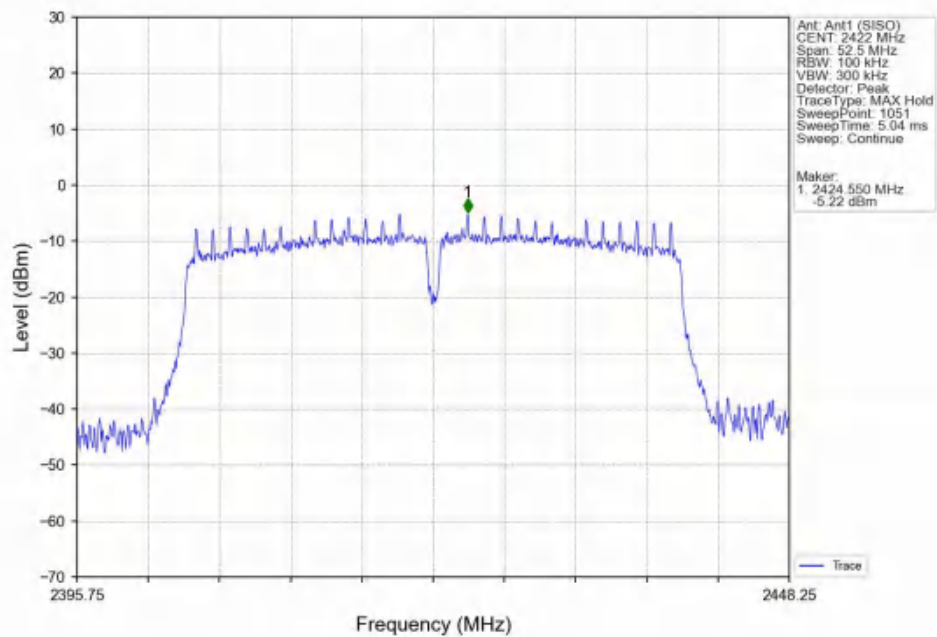
802.11ac(VHT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



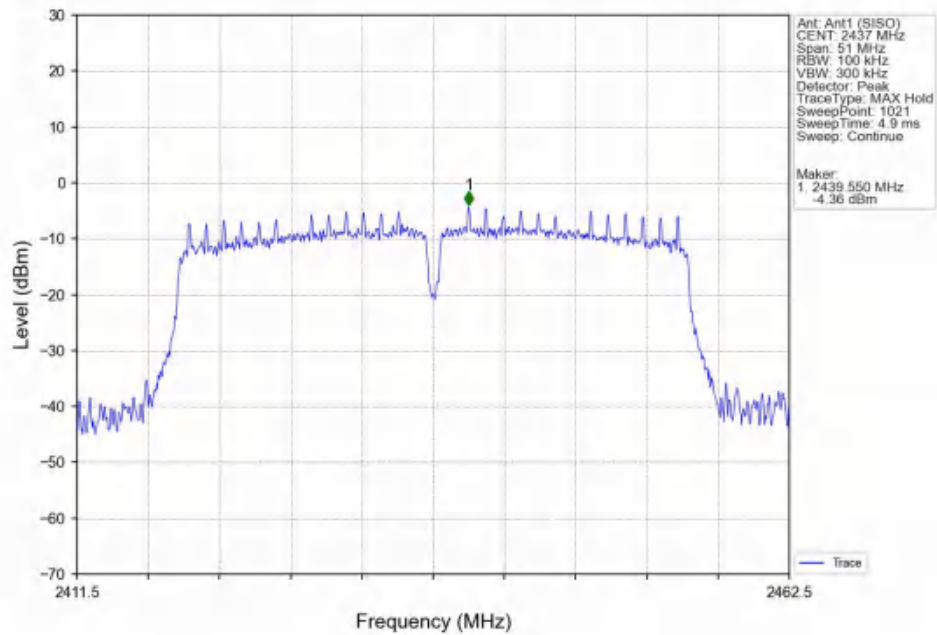
802.11ac(VHT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



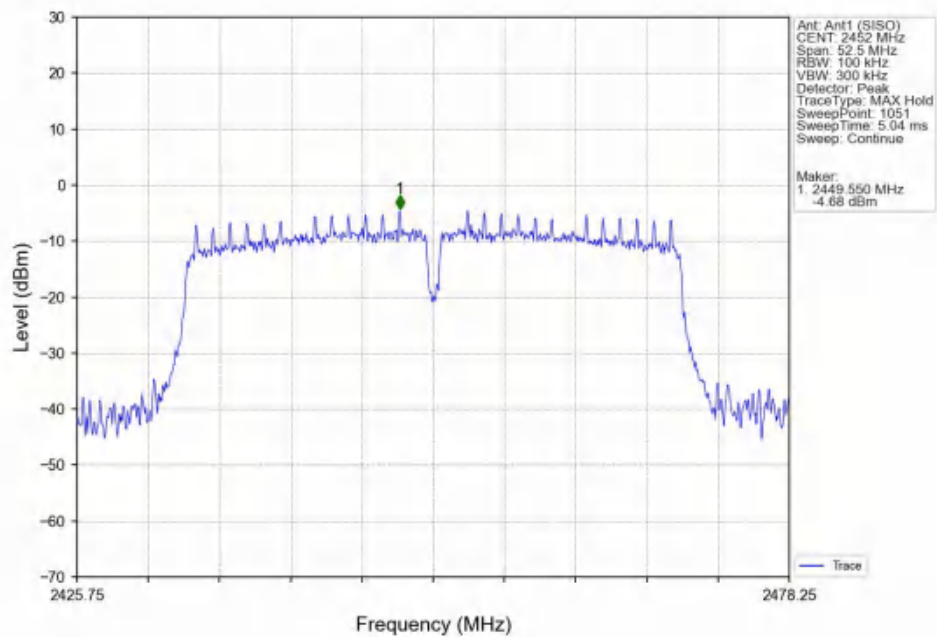
802.11ac(VHT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

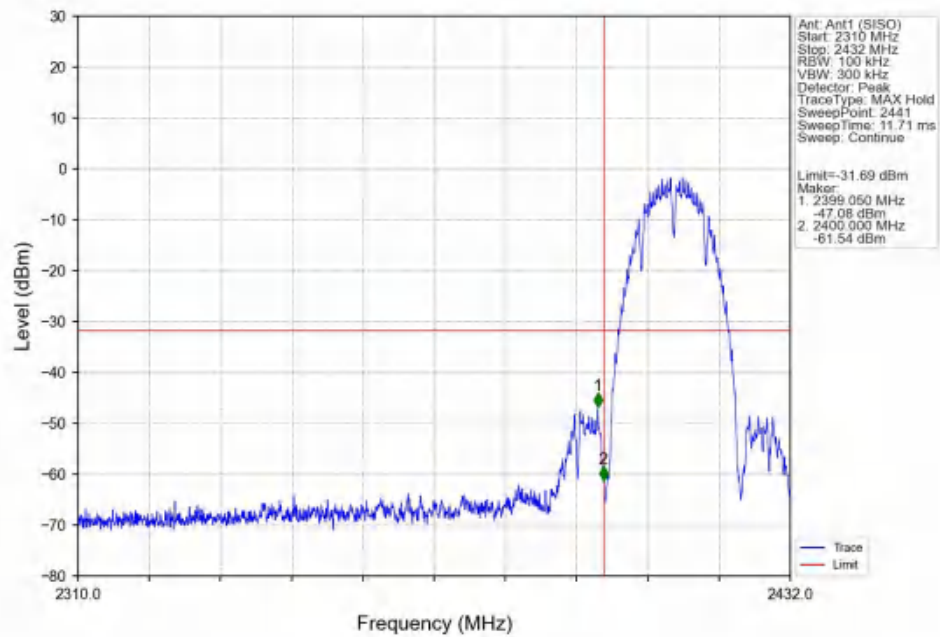


802.11ac(VHT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

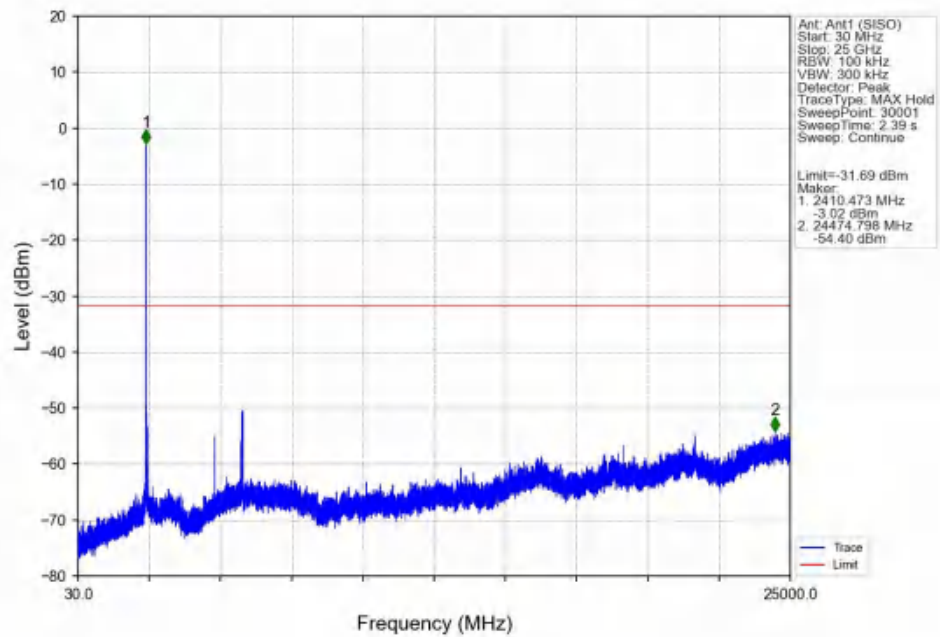


1.2.2 CSE

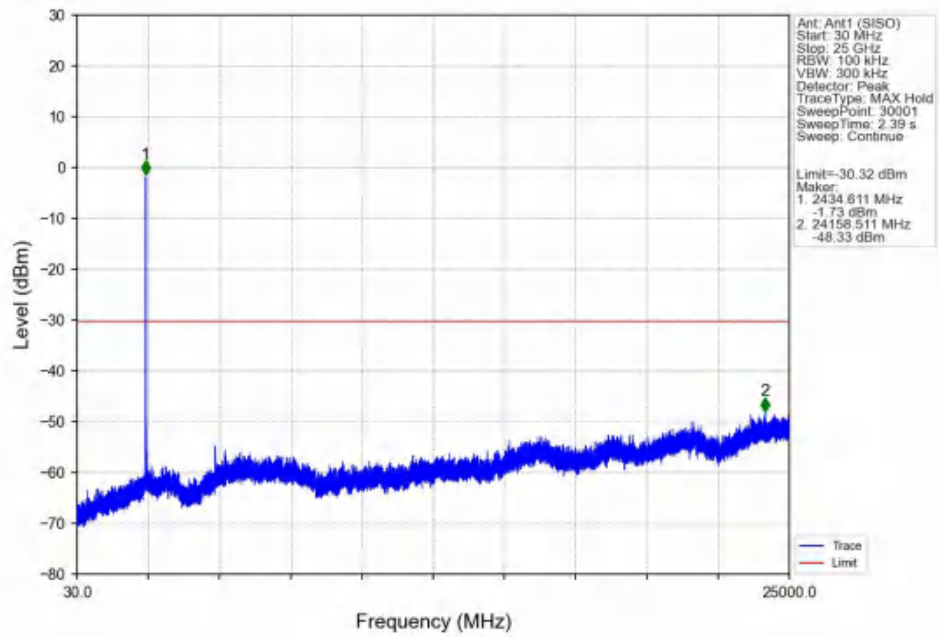
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



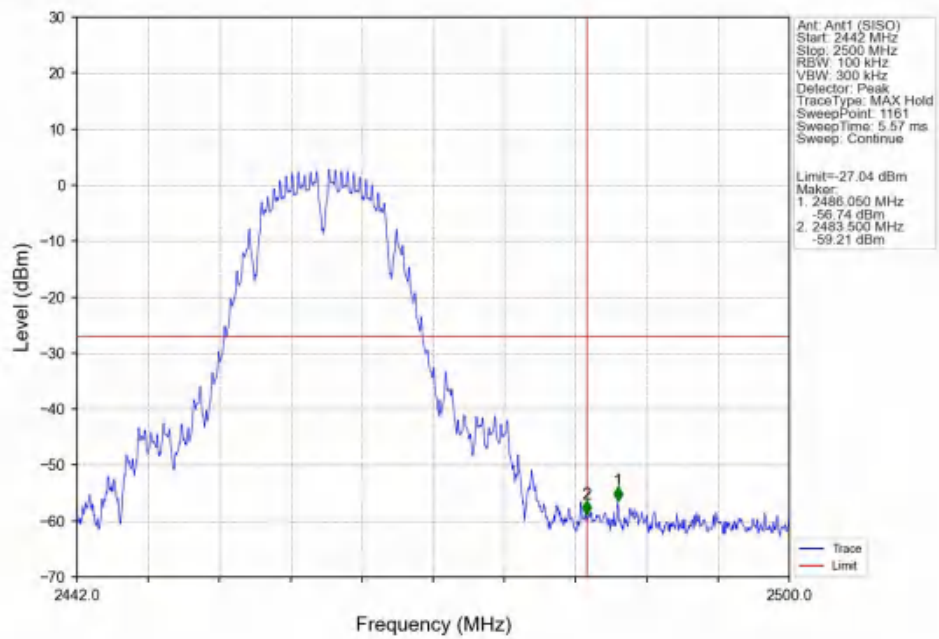
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



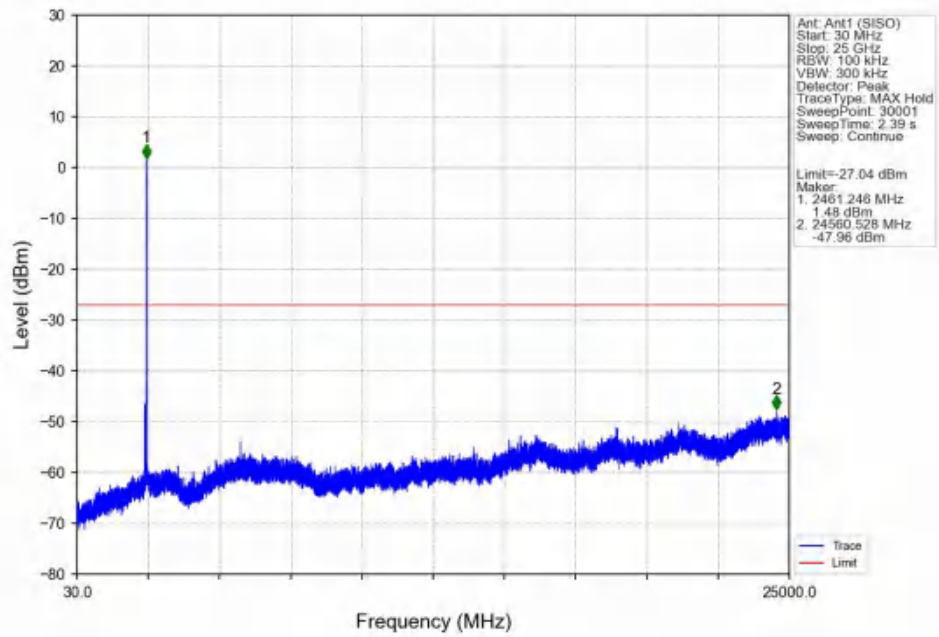
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



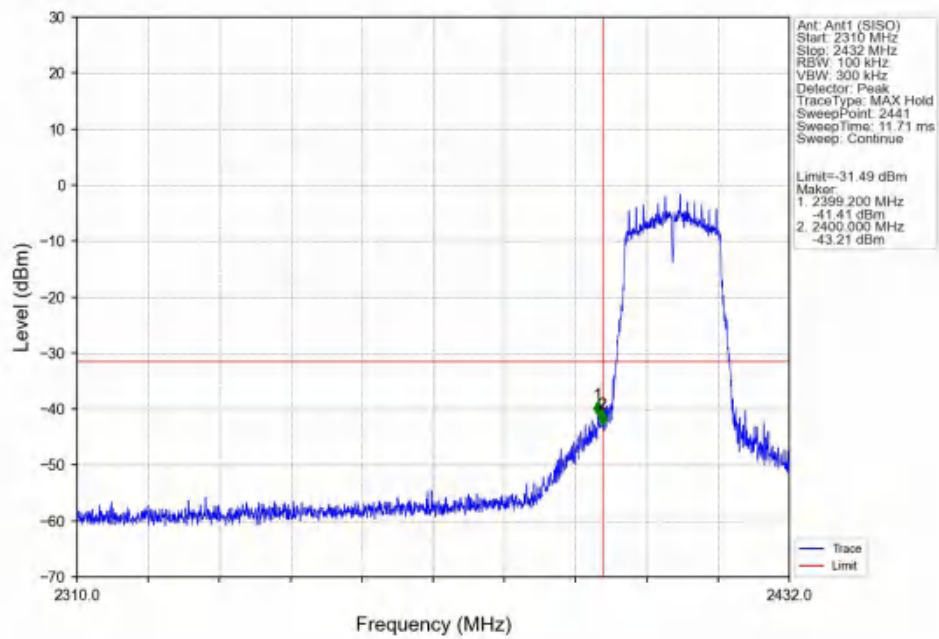
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



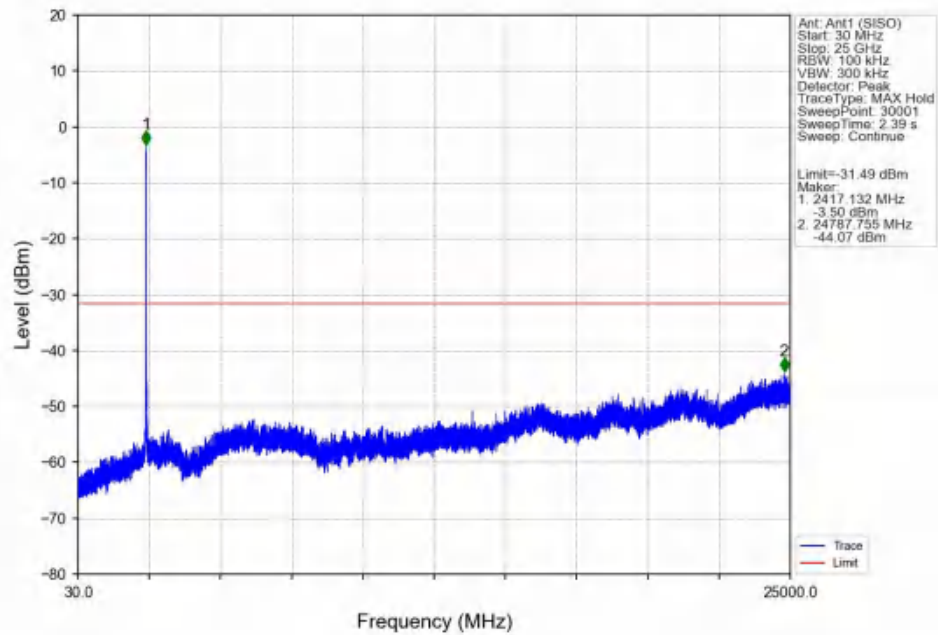
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



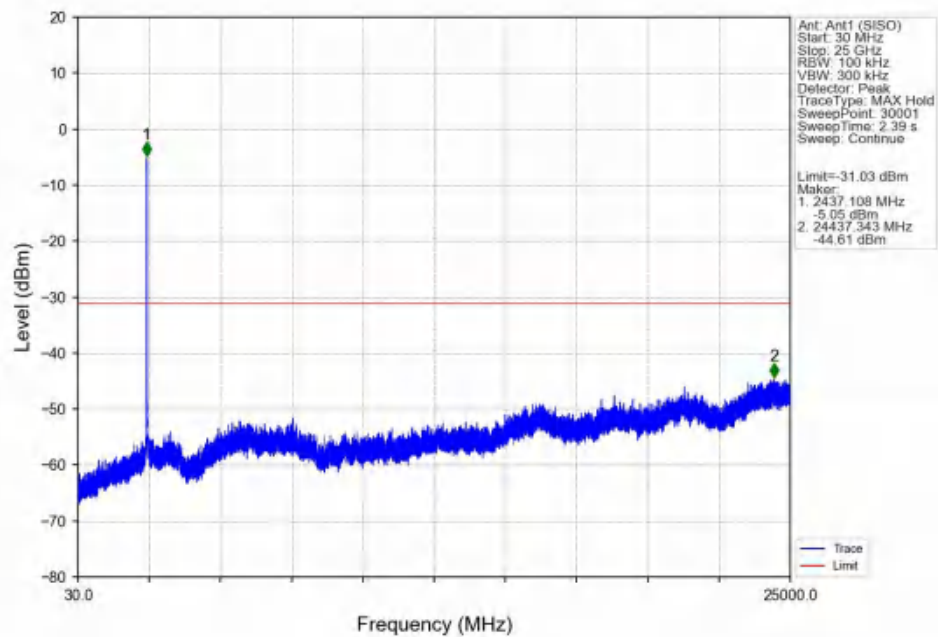
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



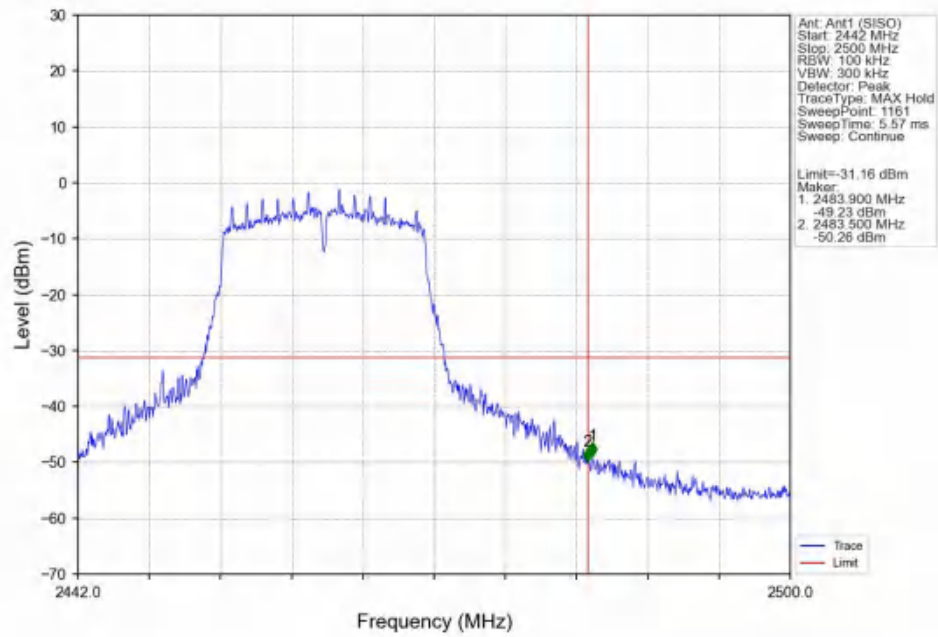
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



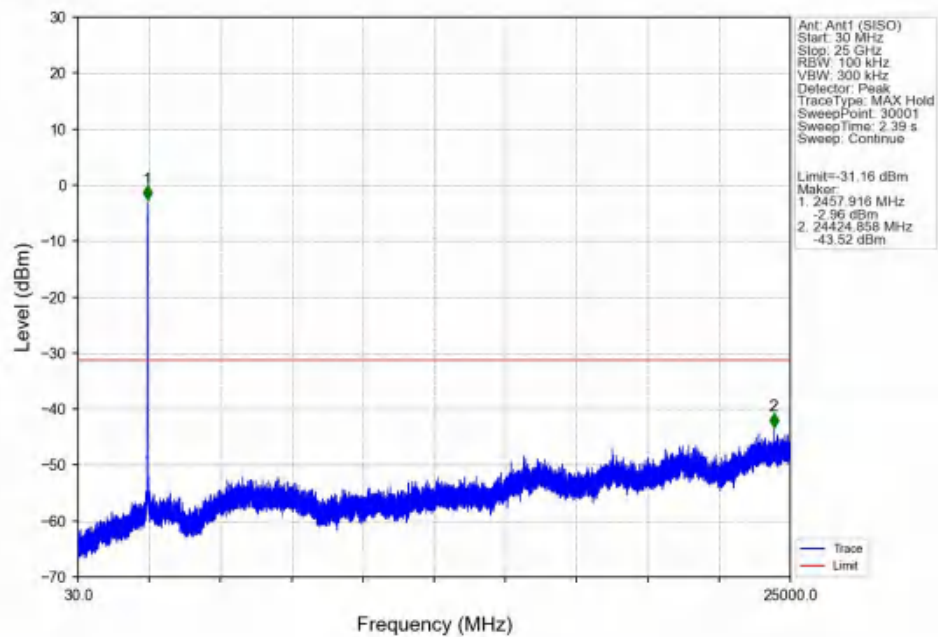
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



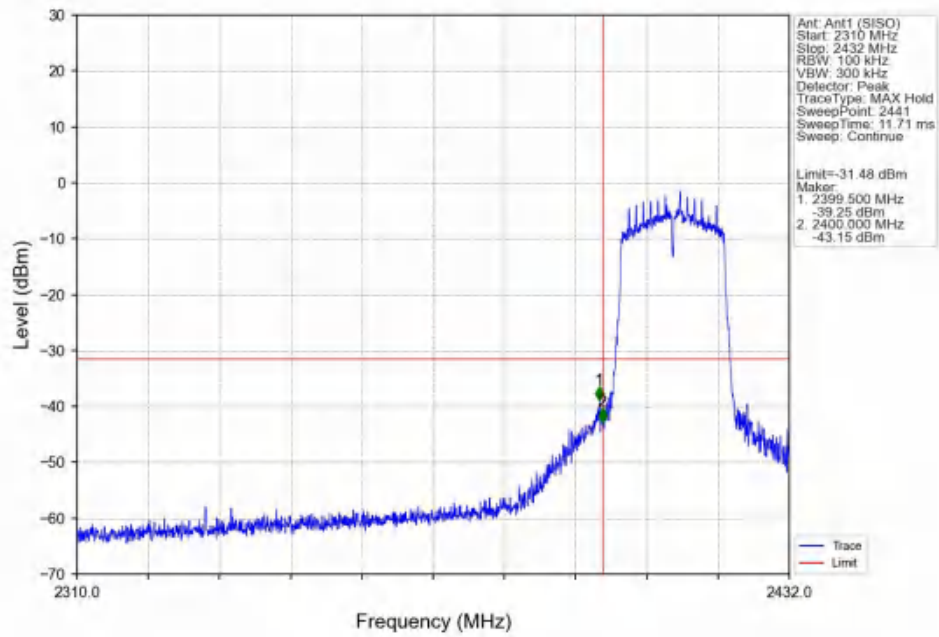
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



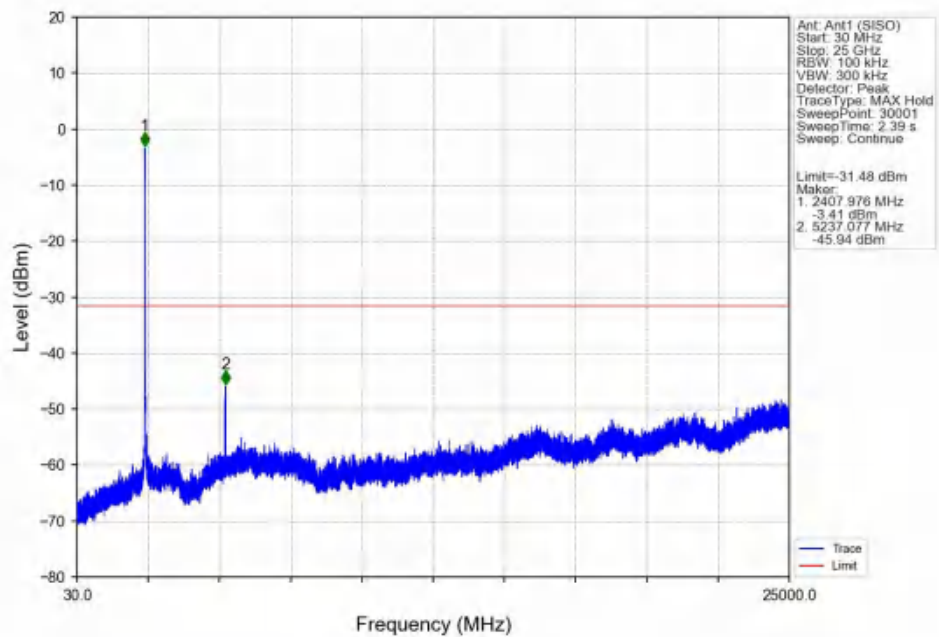
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



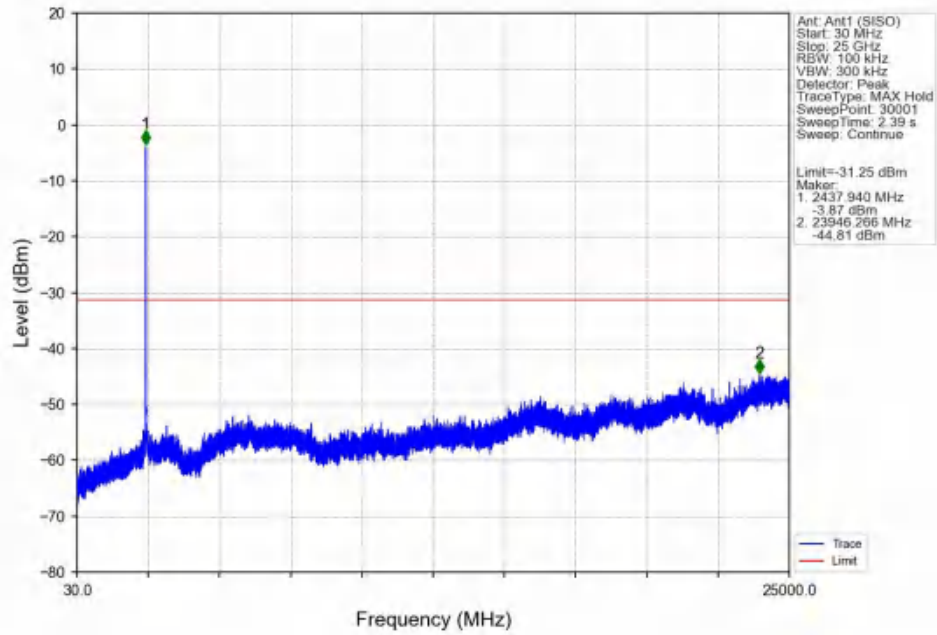
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



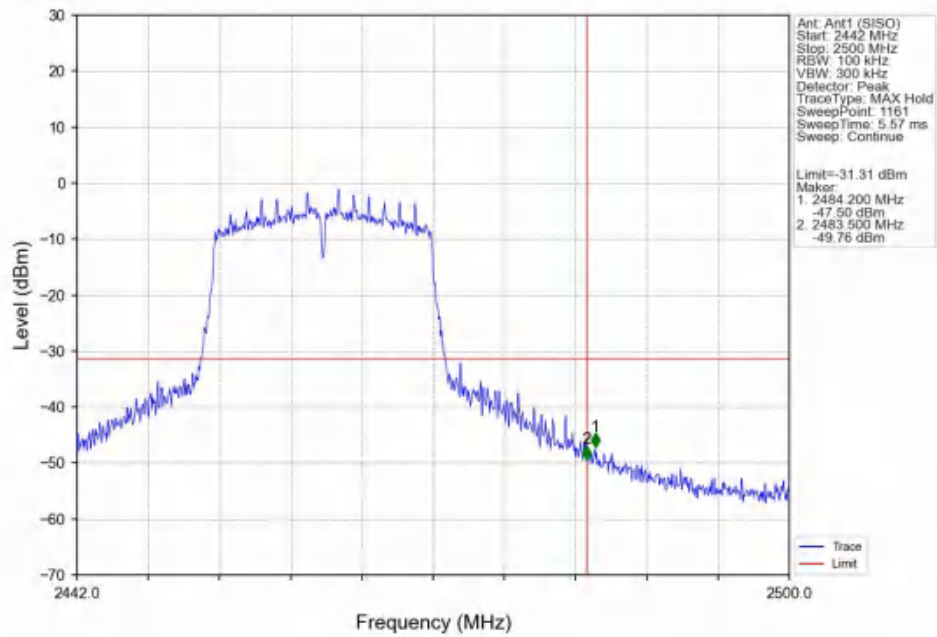
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



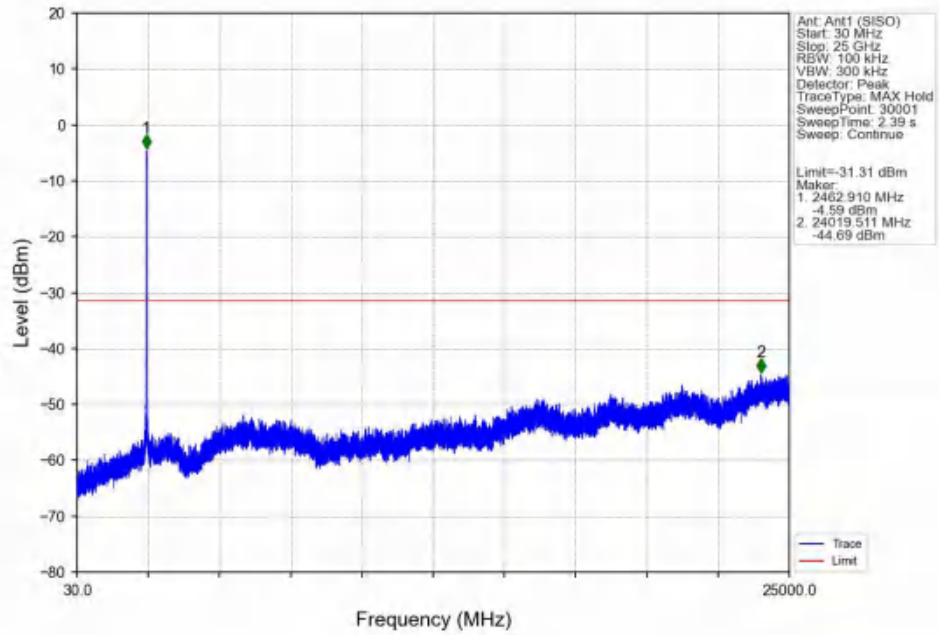
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



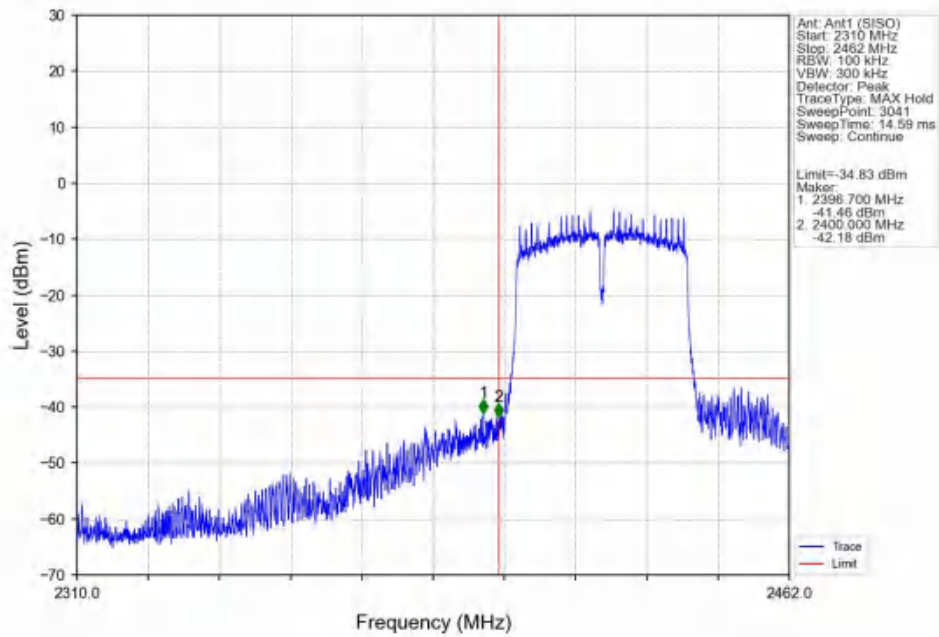
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



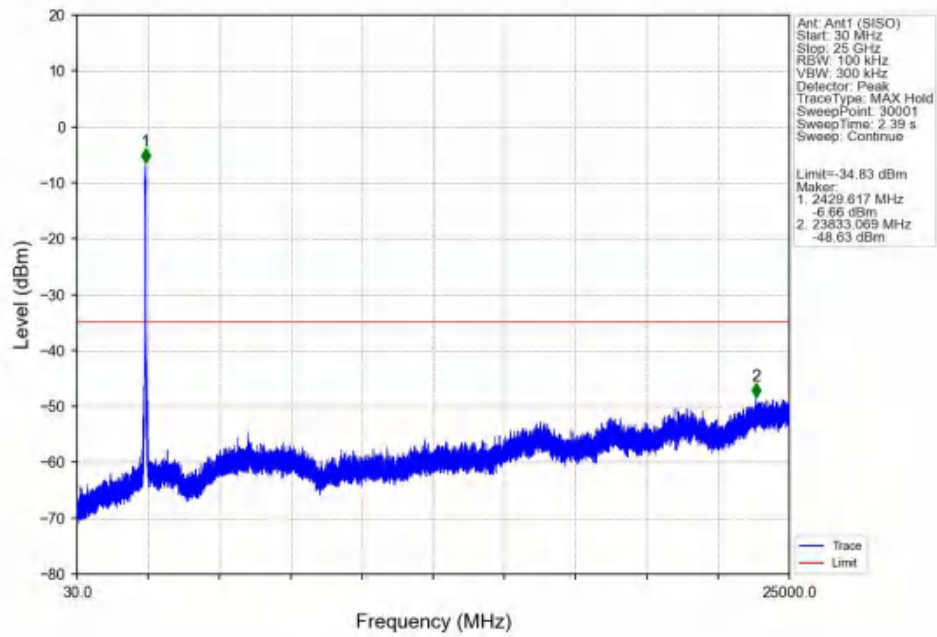
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



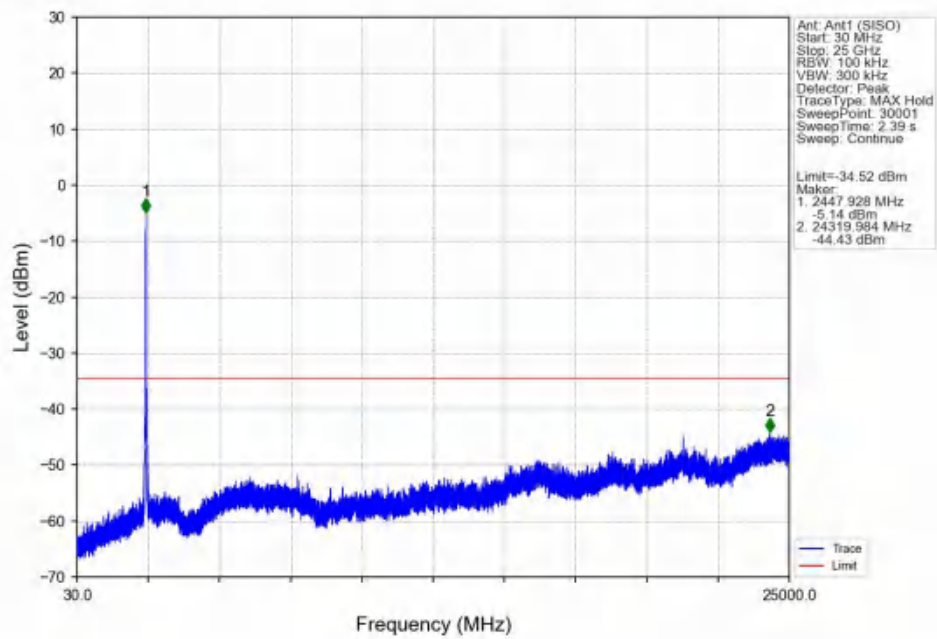
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



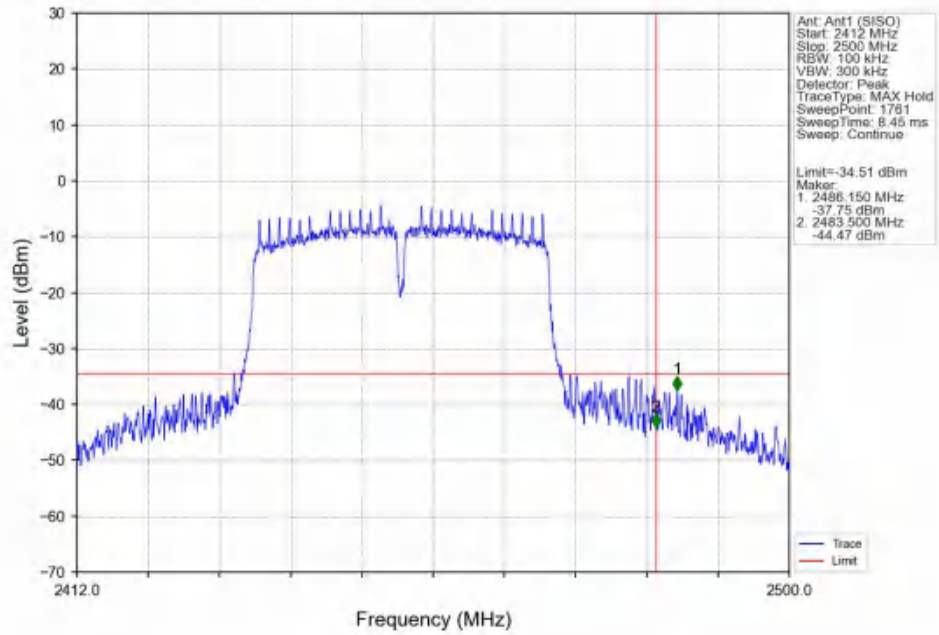
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



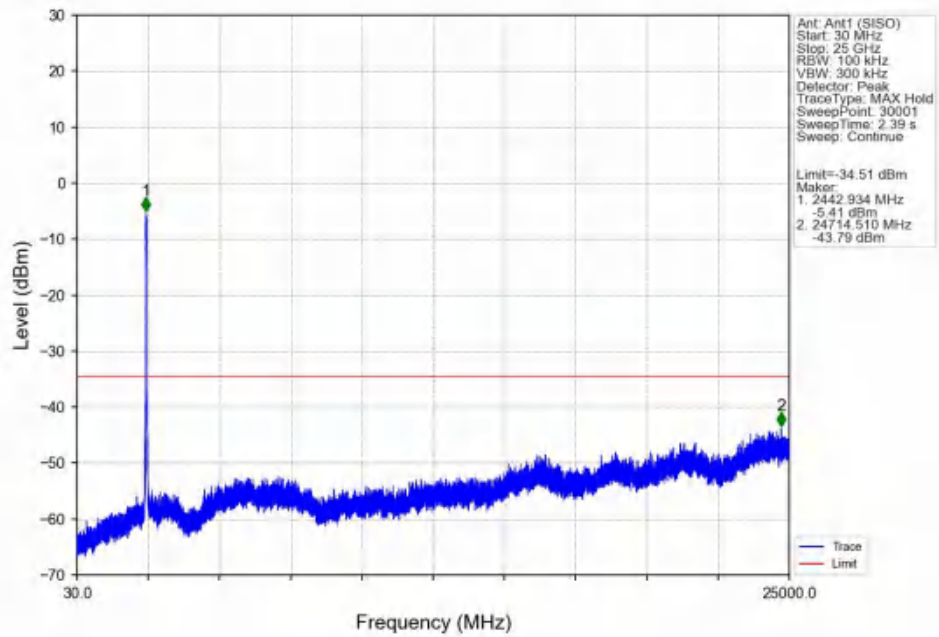
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



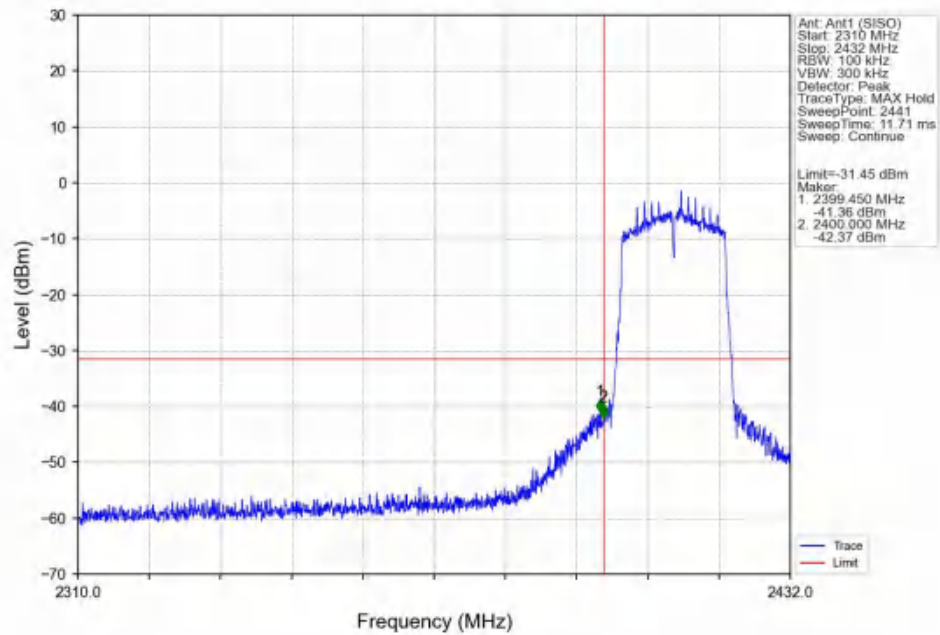
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



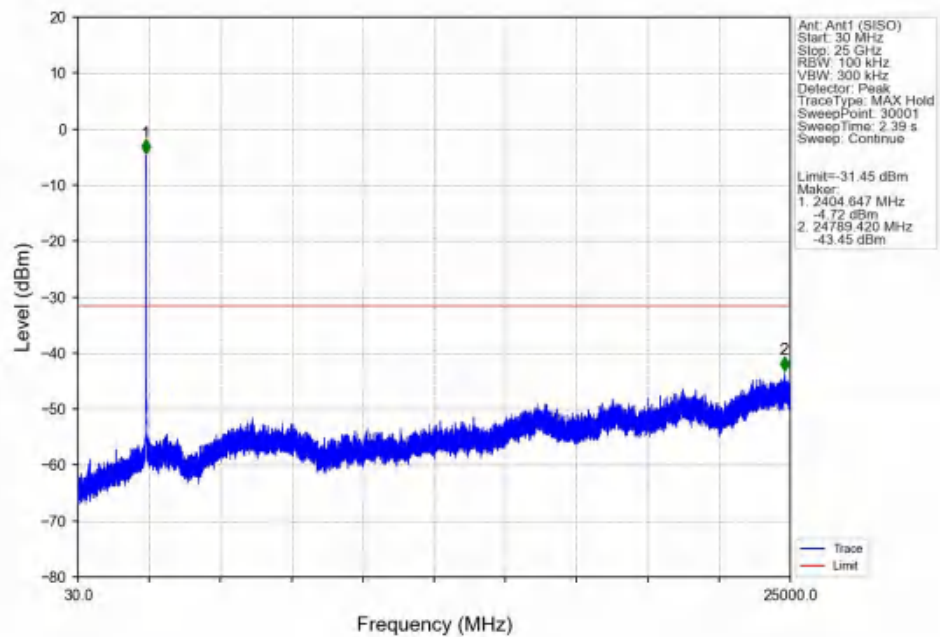
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



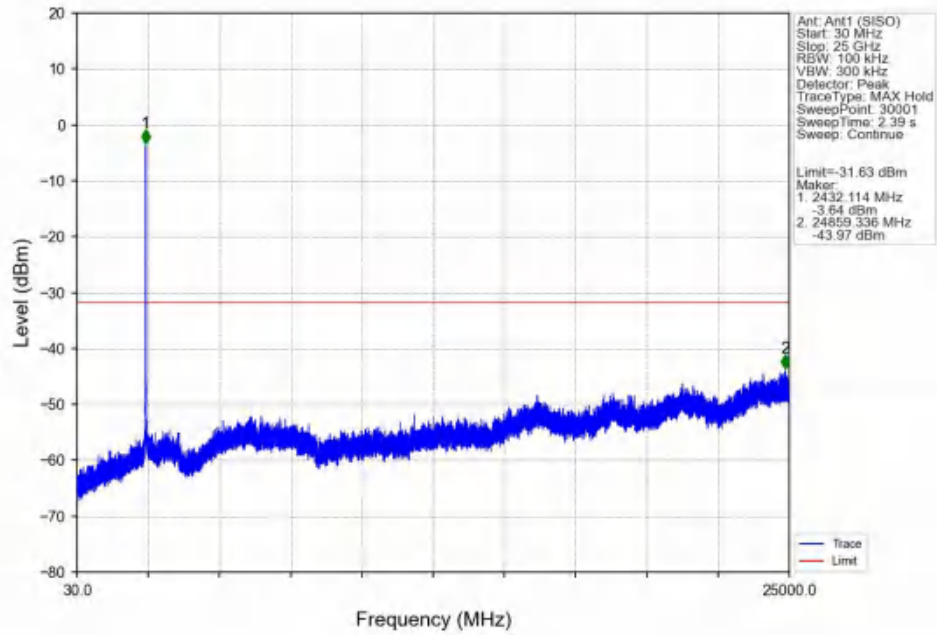
802.11ax(HE20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



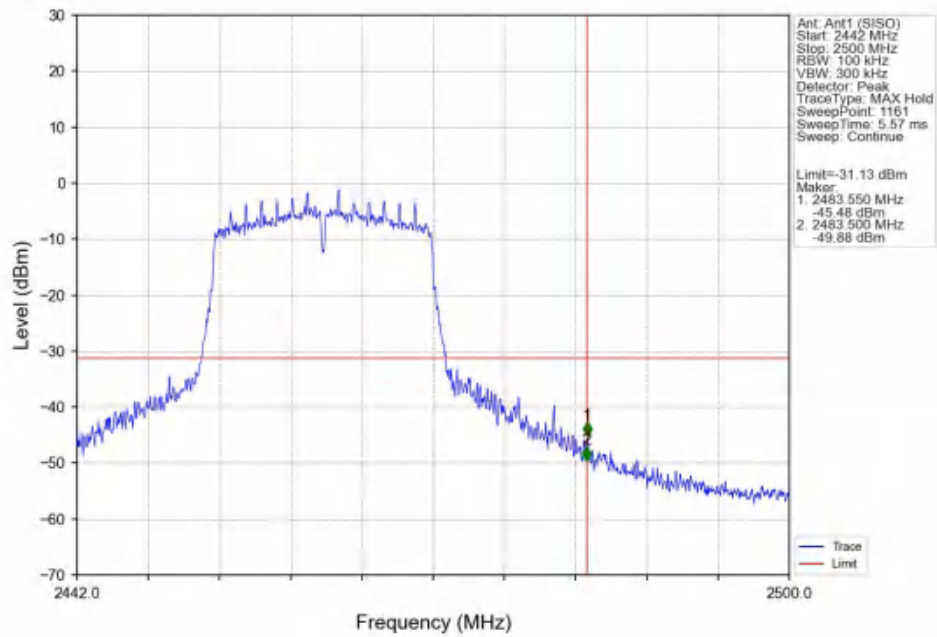
802.11ax(HE20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



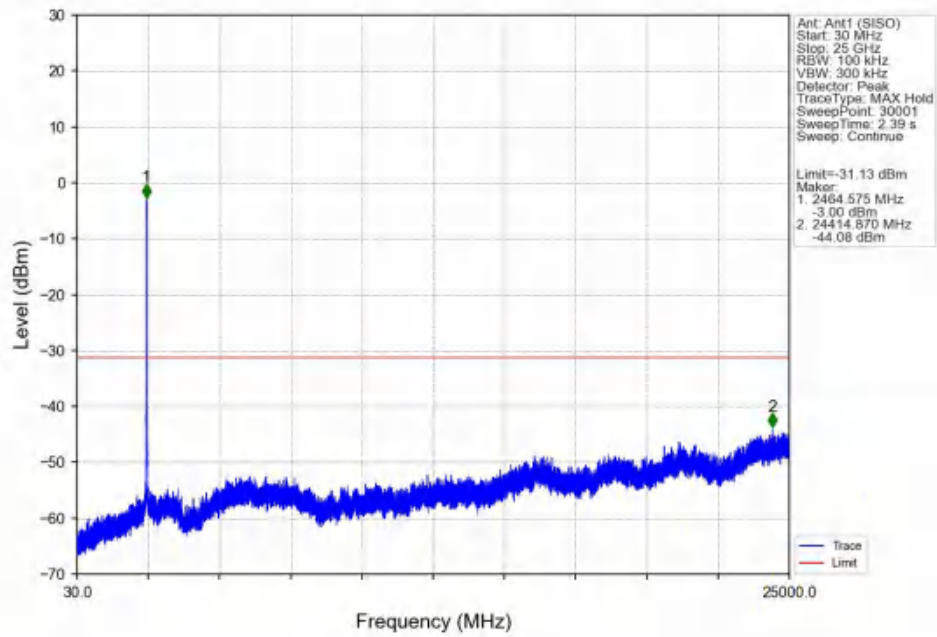
802.11ax(HE20)_MCH_2437MHz_SU_/_Ant1(SISO)_NTNV



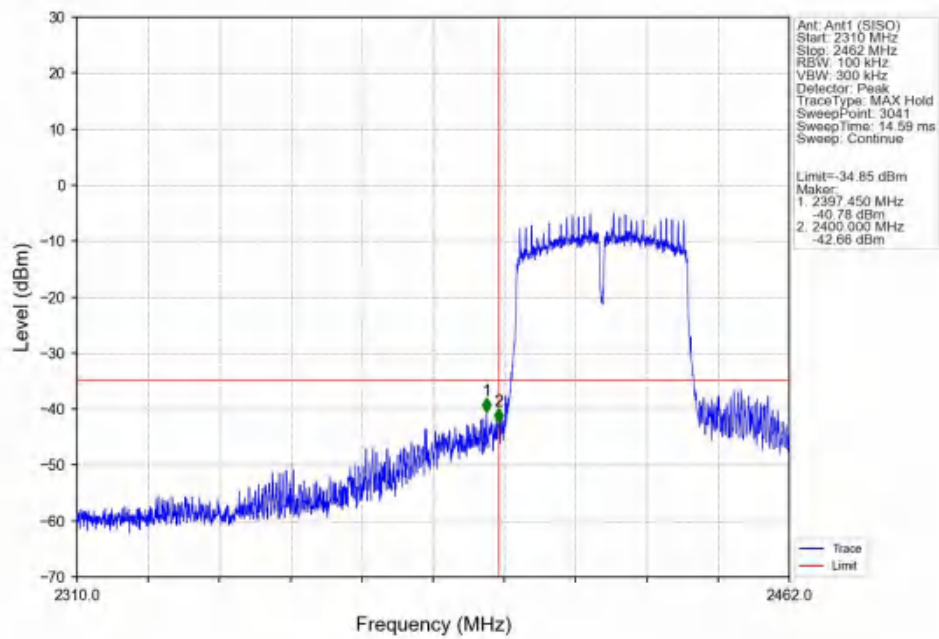
802.11ax(HE20)_HCH_2462MHz_SU_/_Ant1(SISO)_NTNV



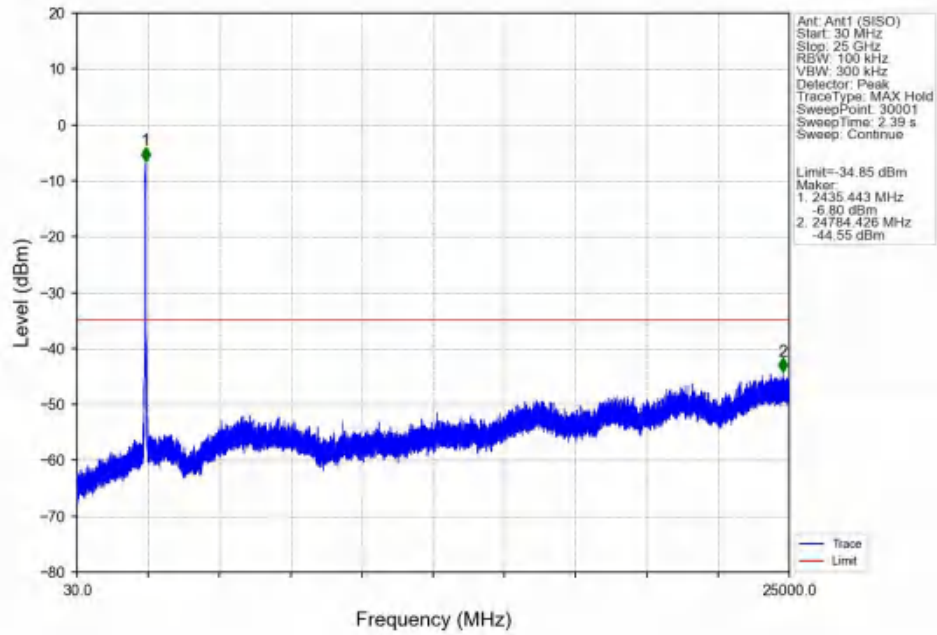
802.11ax(HE20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV



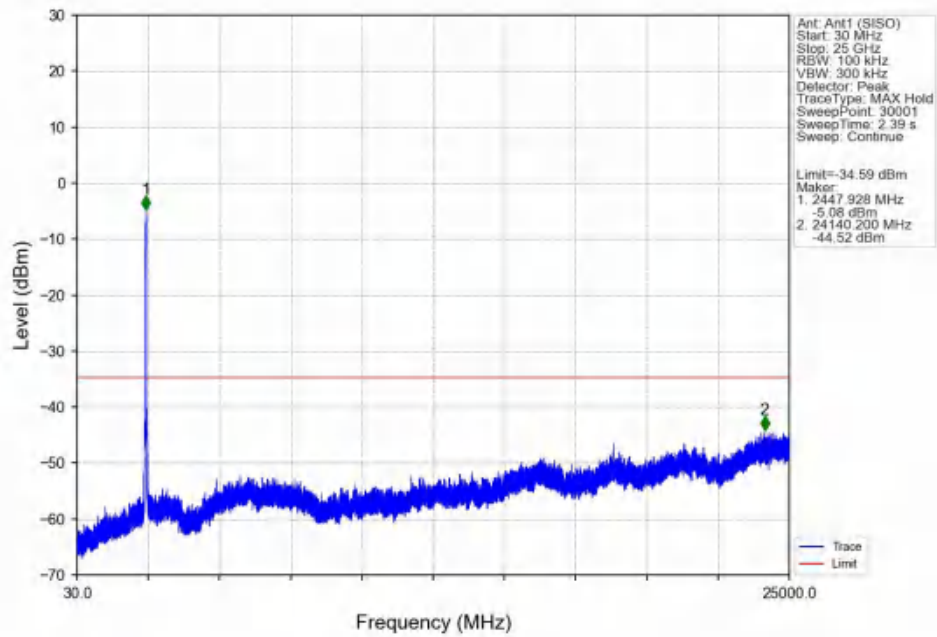
802.11ax(HE40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV



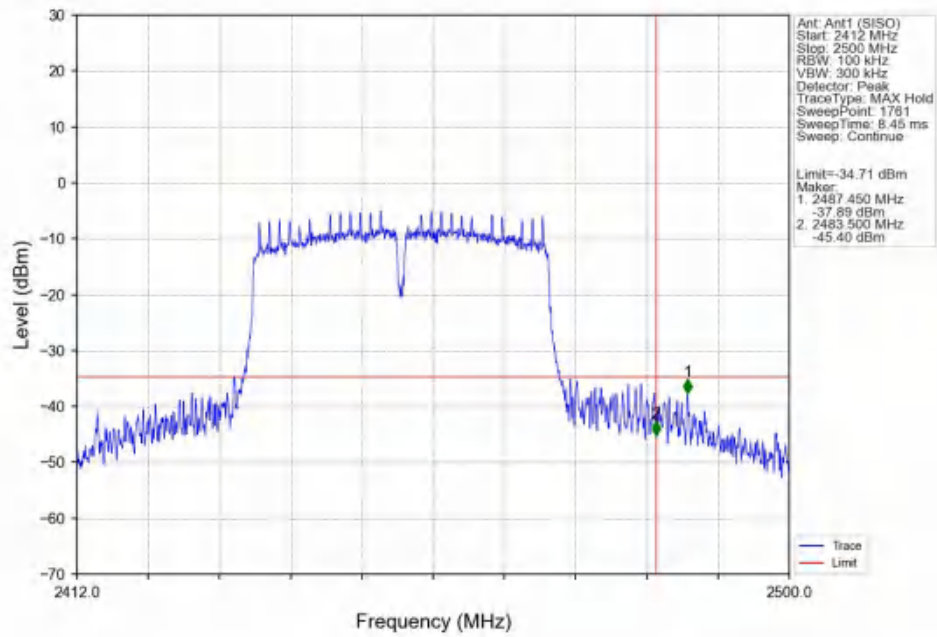
802.11ax(HE40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV



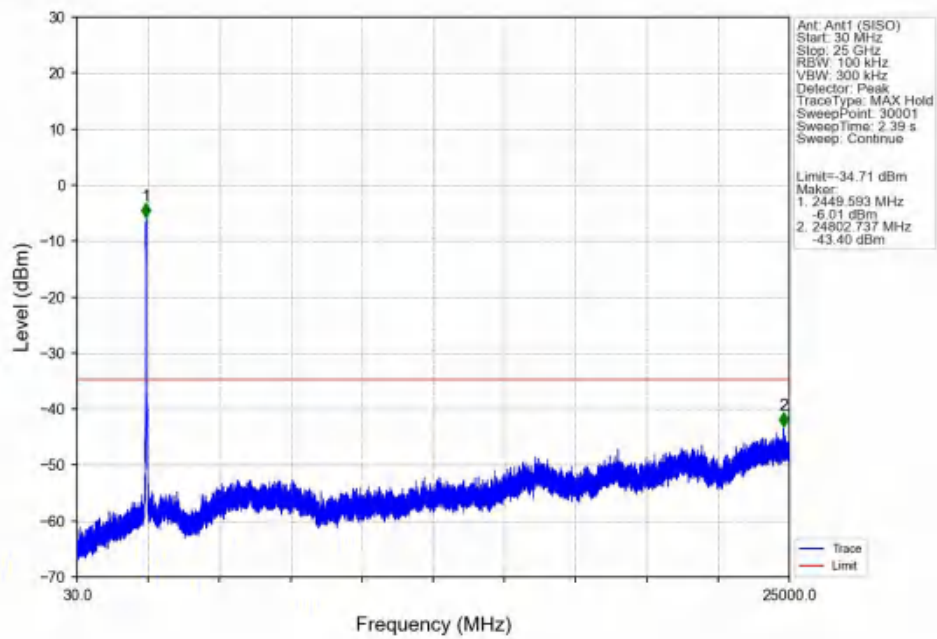
802.11ax(HE40)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



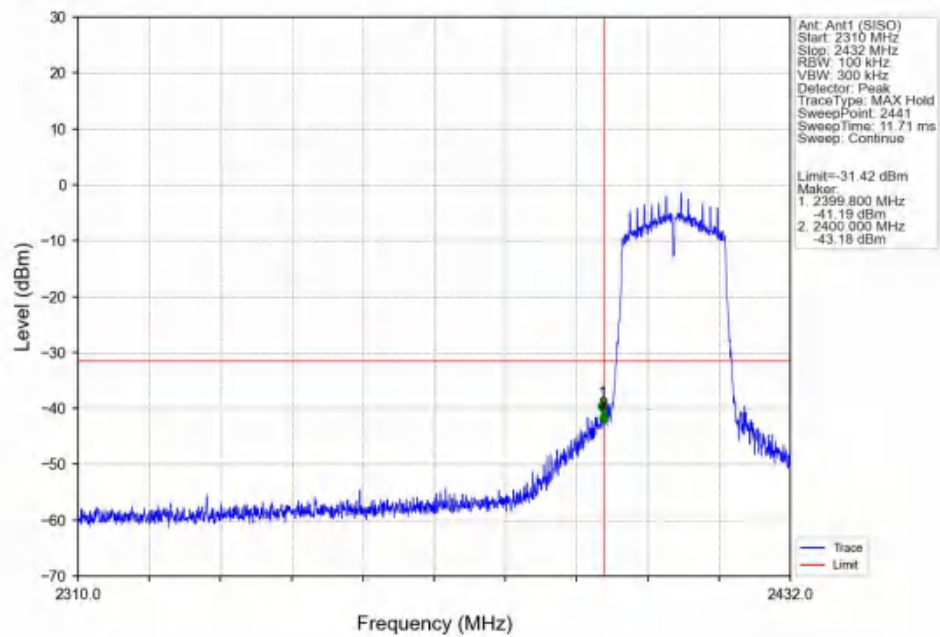
802.11ax(HE40)_HCH_2452MHz_SU_/_Ant1 (SISO)_NTNV



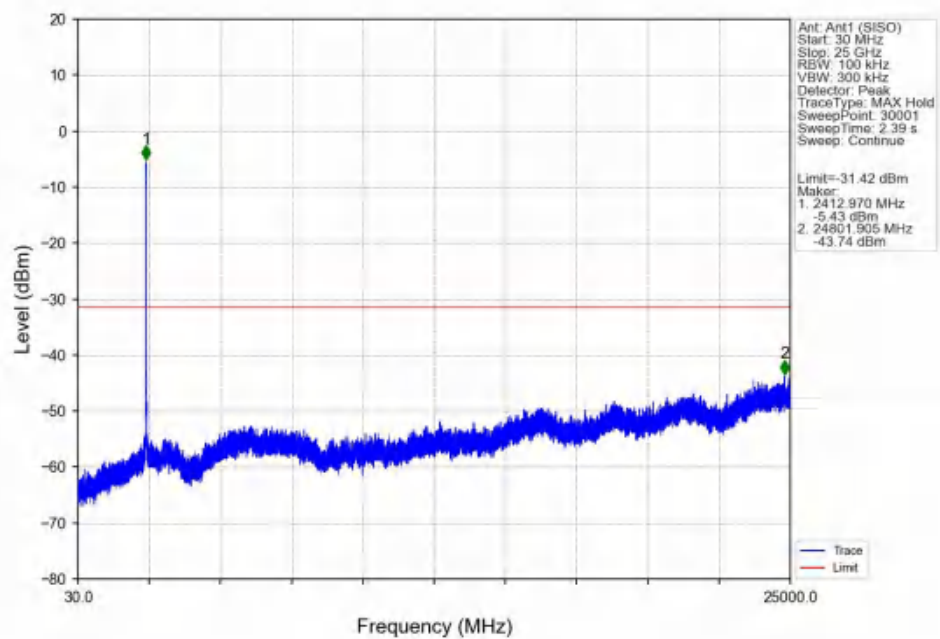
802.11ax(HE40)_HCH_2452MHz_SU_/_Ant1 (SISO)_NTNV



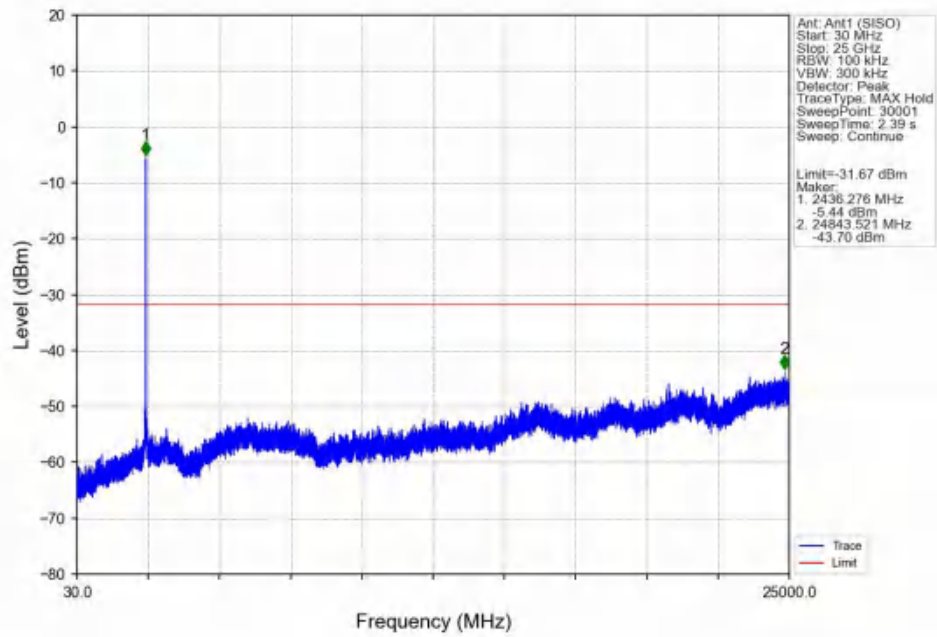
802.11ac(VHT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



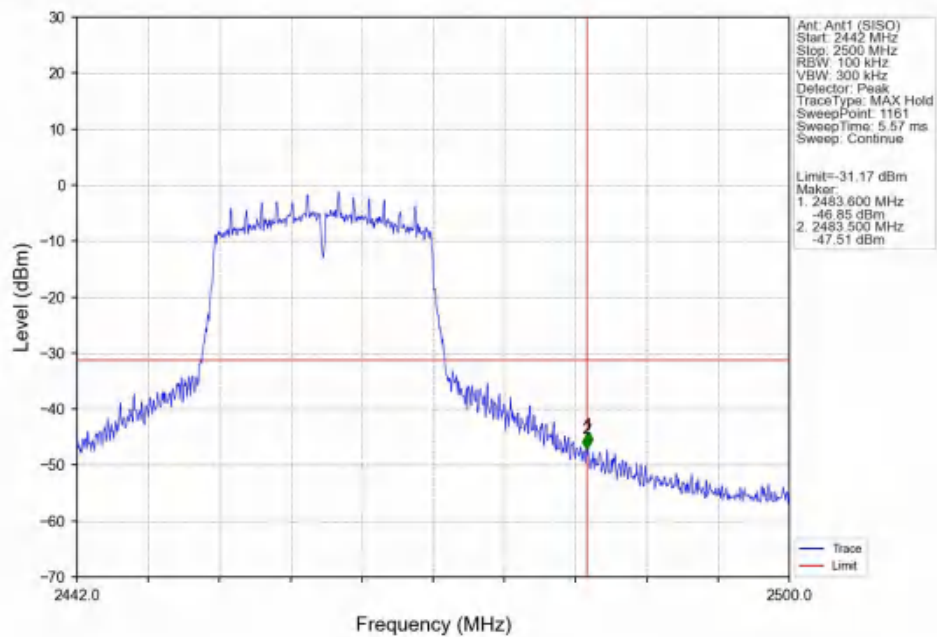
802.11ac(VHT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



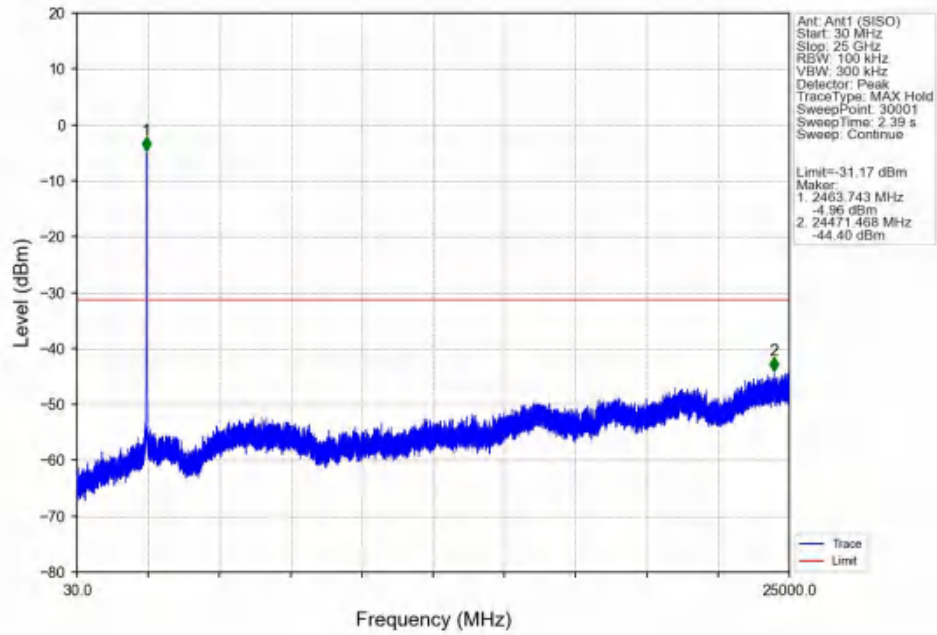
802.11ac(VHT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



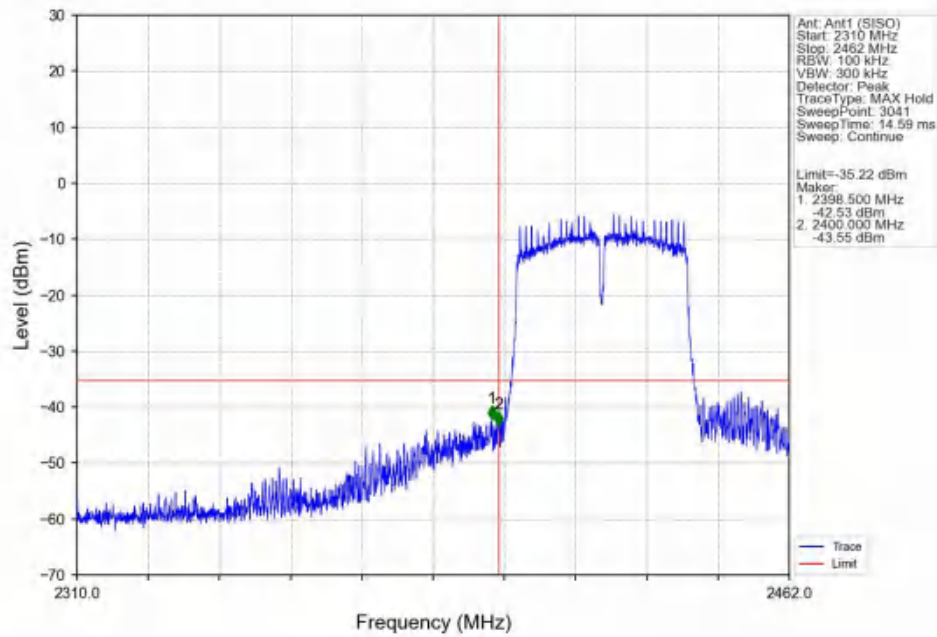
802.11ac(VHT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



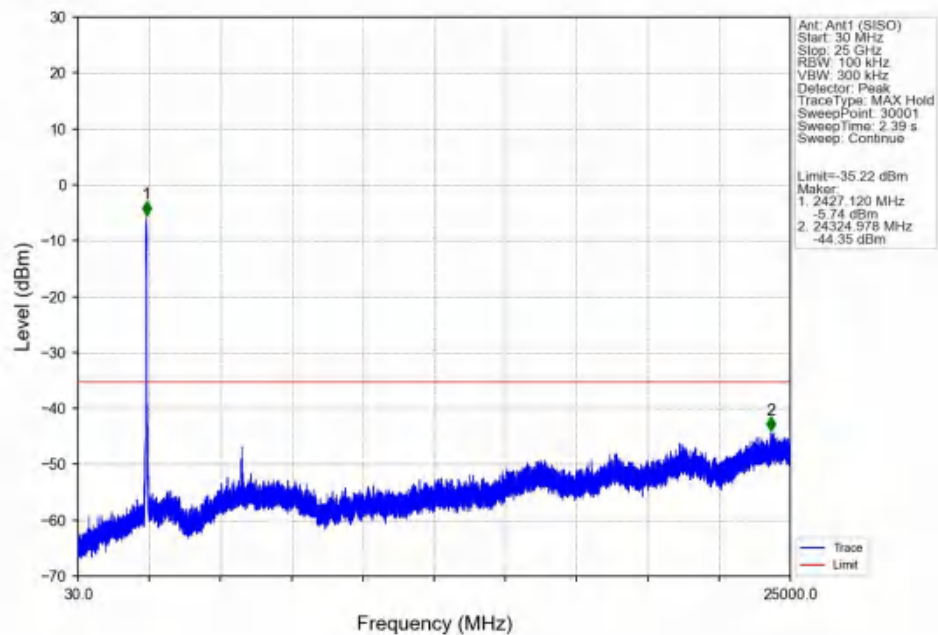
802.11ac(VHT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



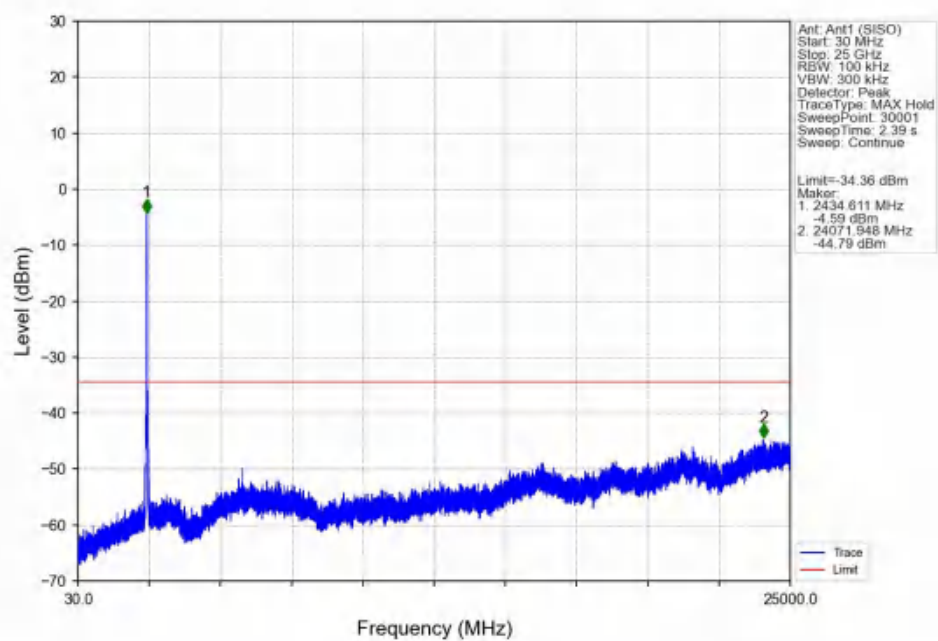
802.11ac(VHT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



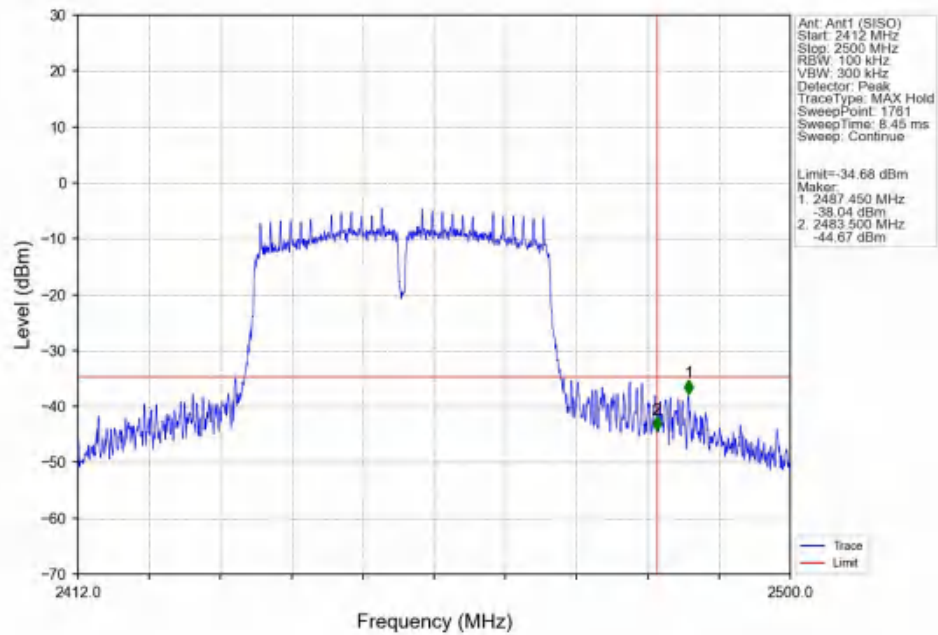
802.11ac(VHT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



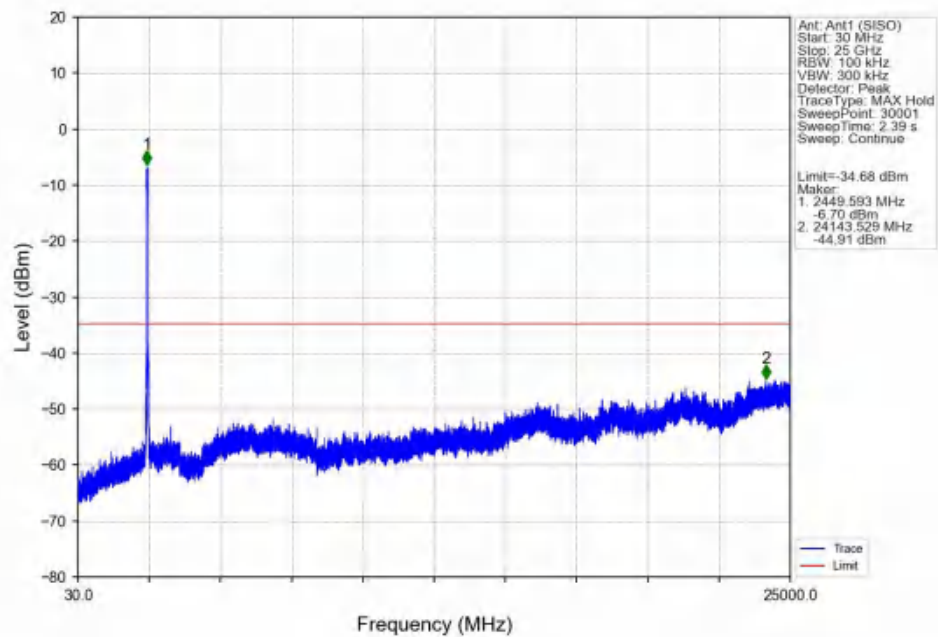
802.11ac(VHT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11ac(VHT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



THE END