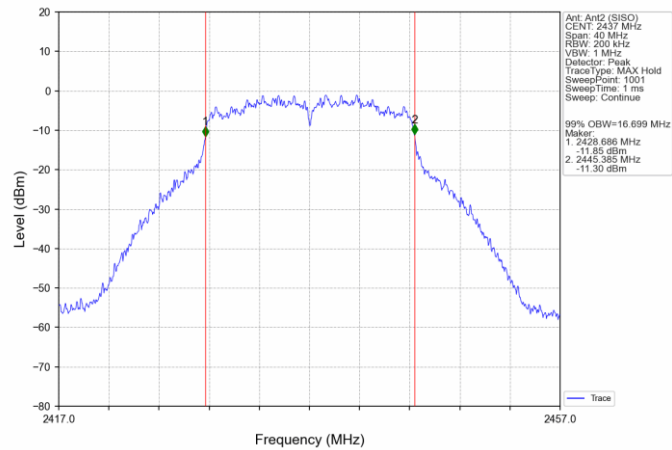
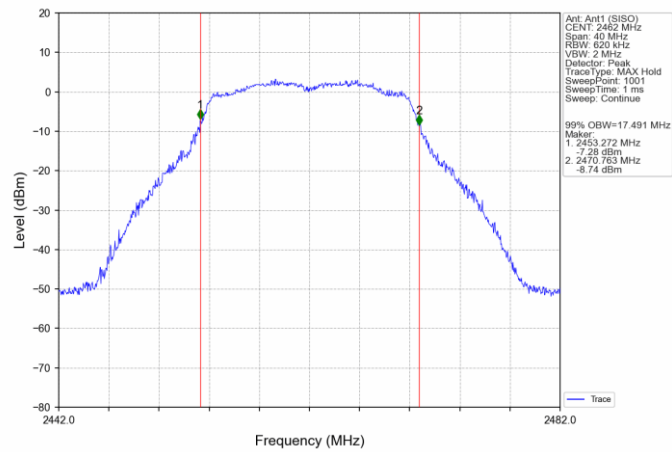




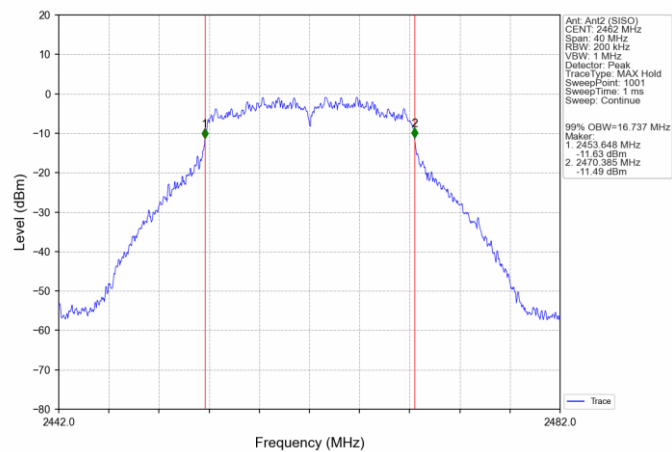
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

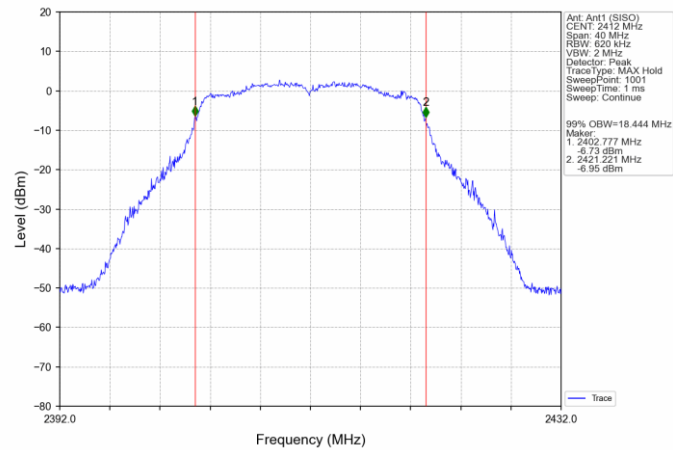


802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV

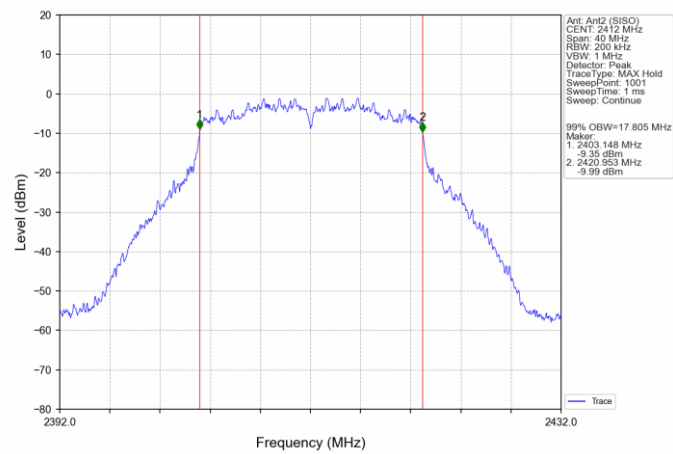




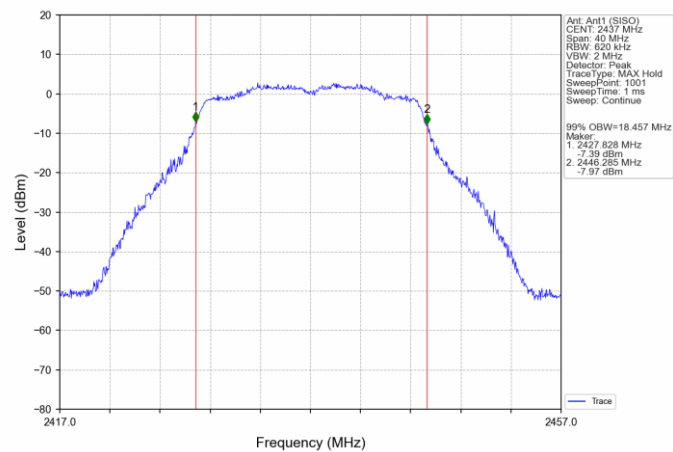
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV

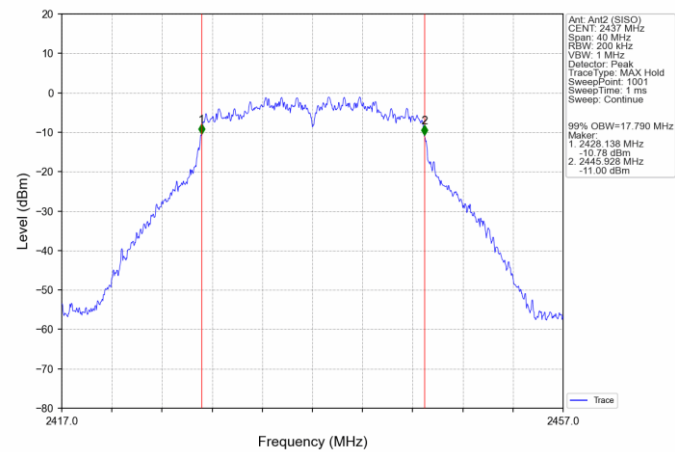


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

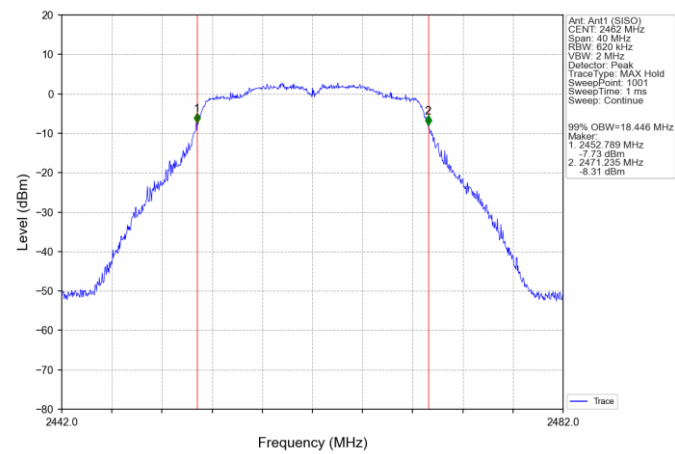




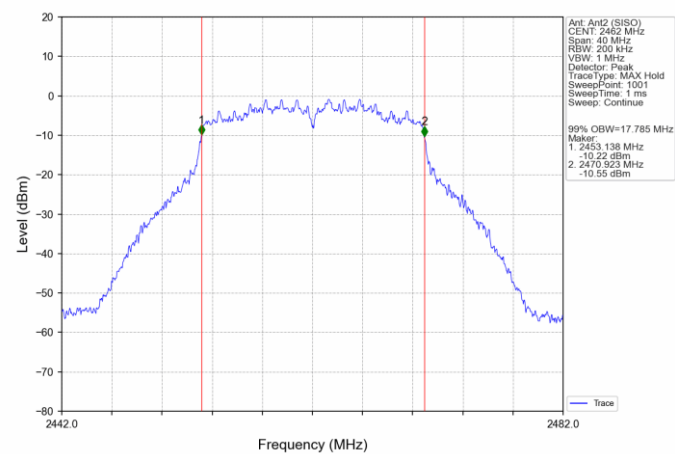
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

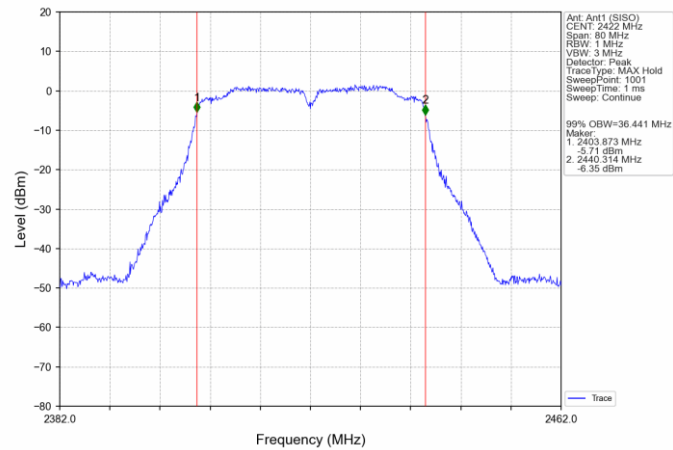


802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV

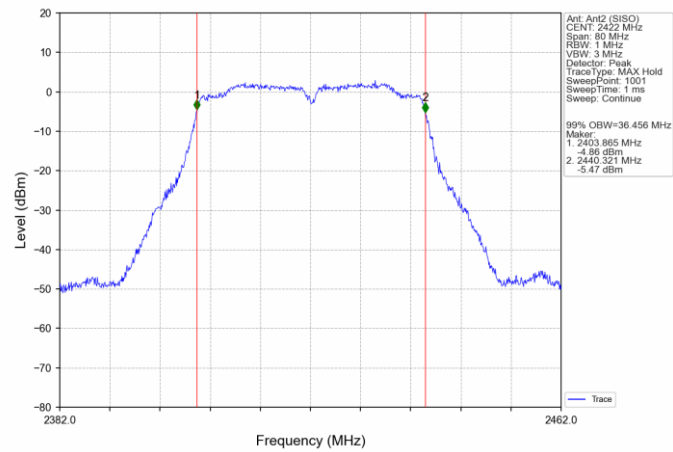




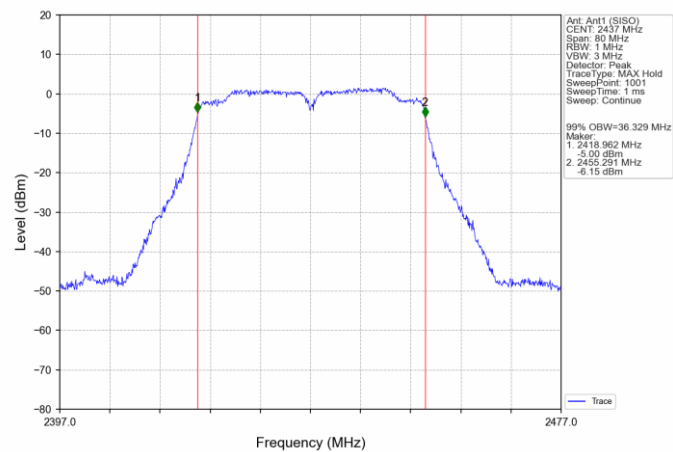
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV

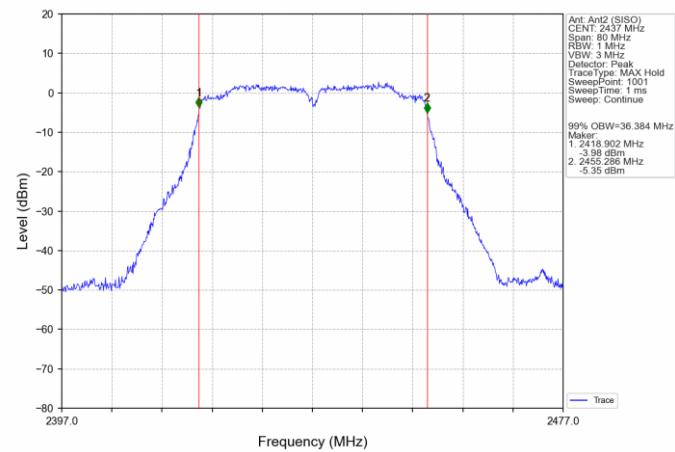


802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

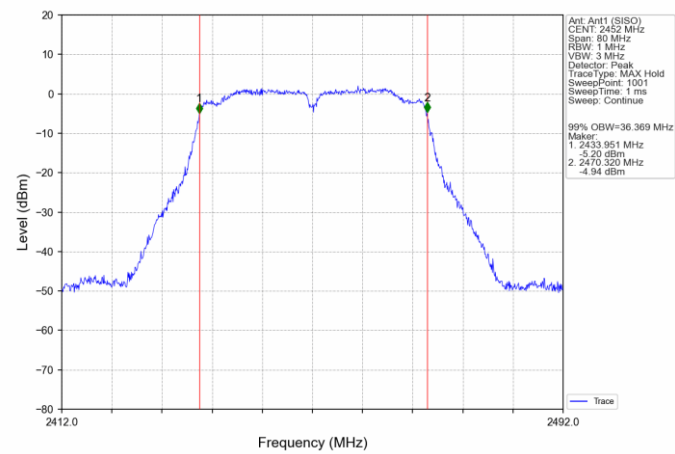




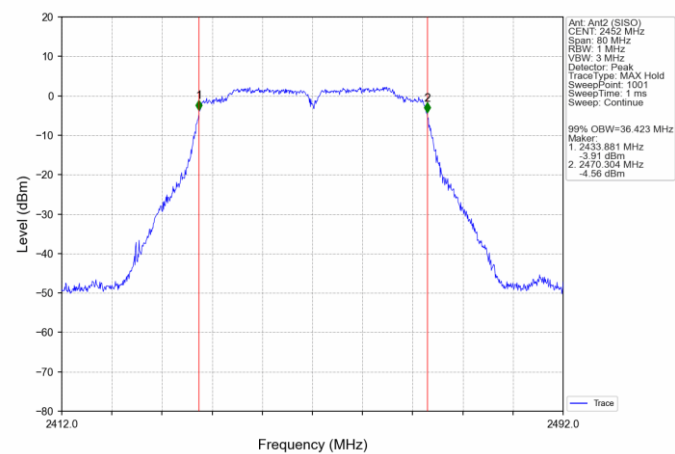
802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

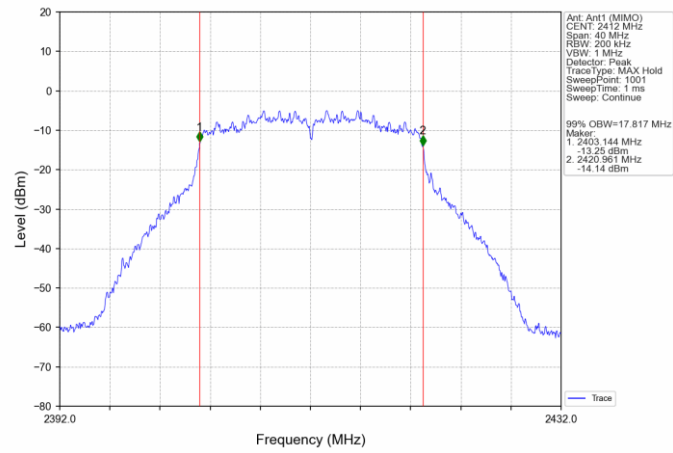


802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV

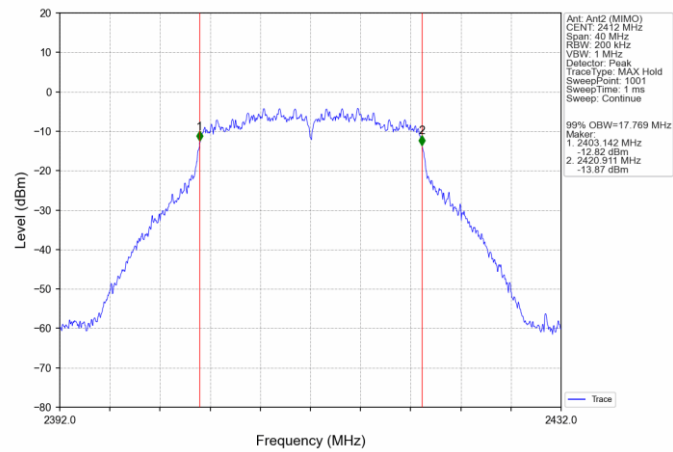




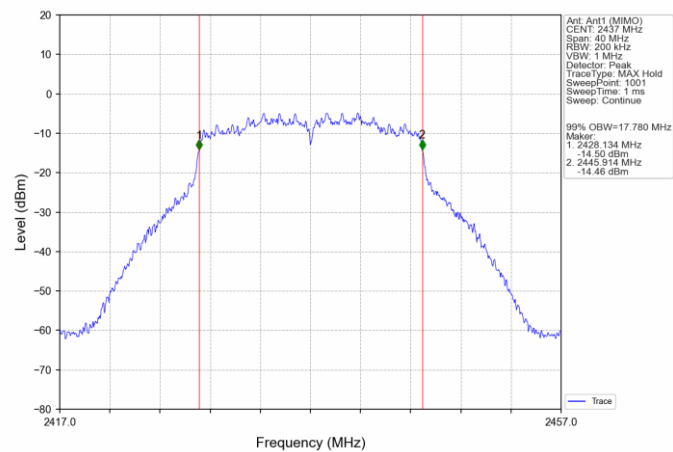
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV

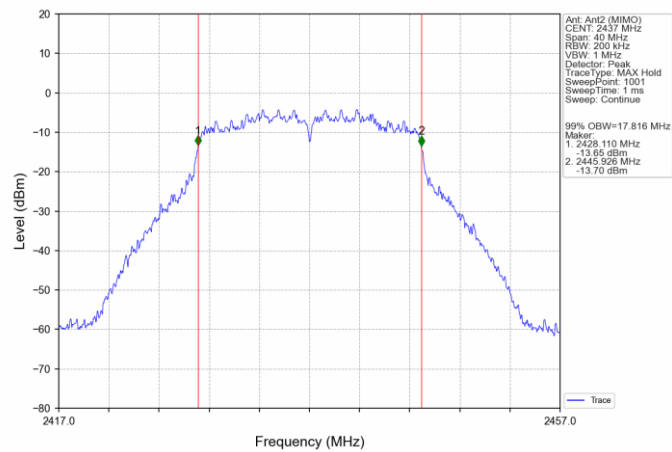


802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV

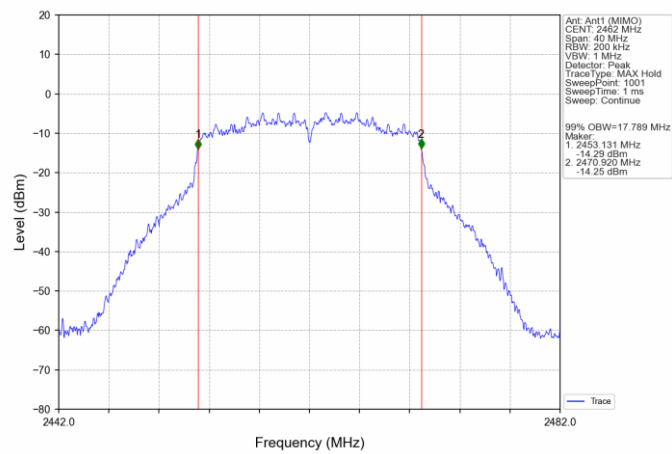




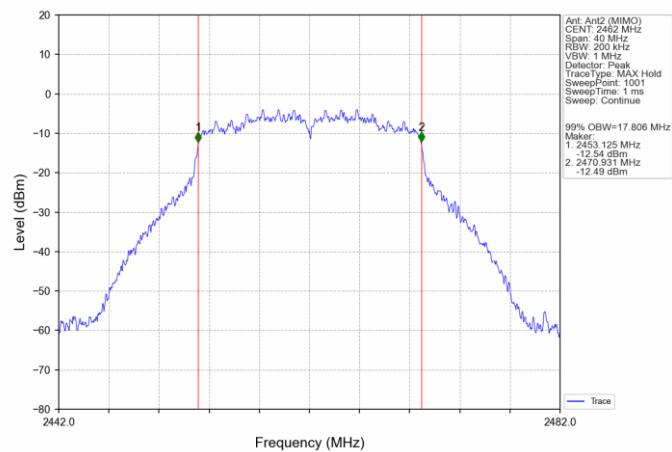
802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV

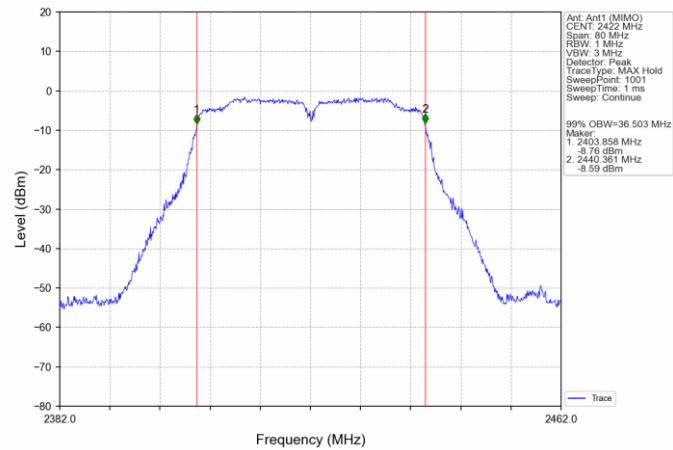


802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV

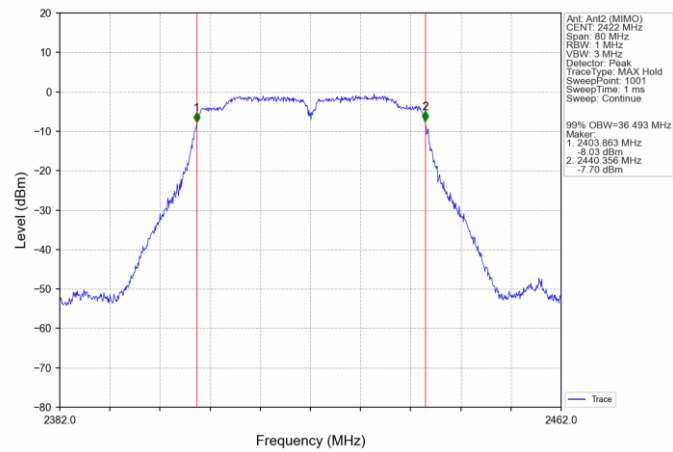




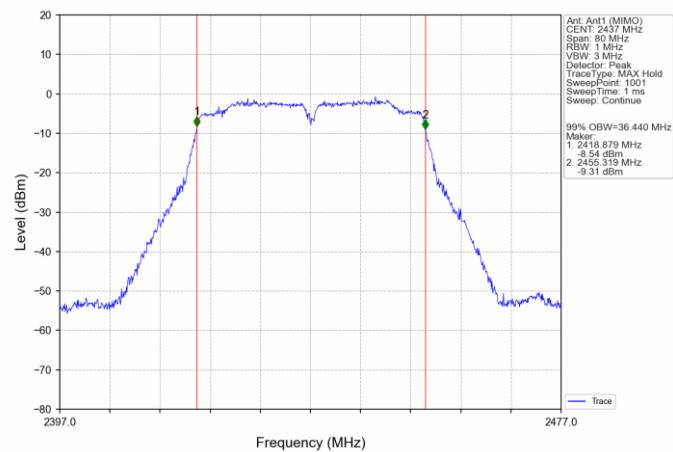
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV

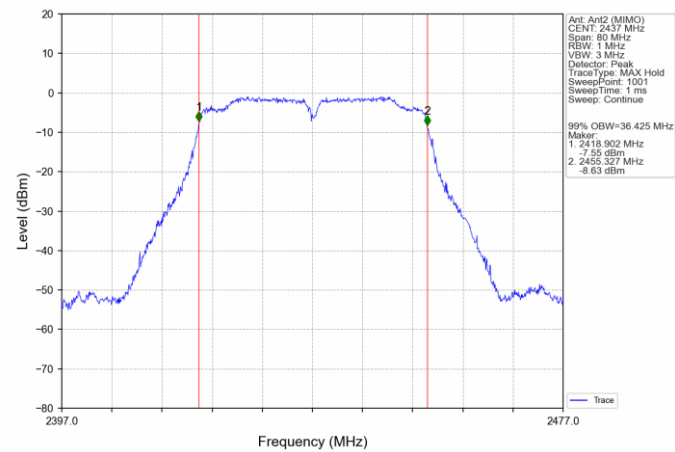


802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV

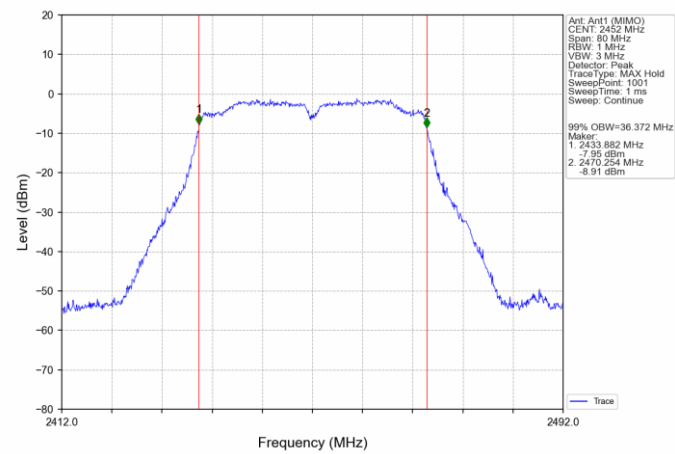




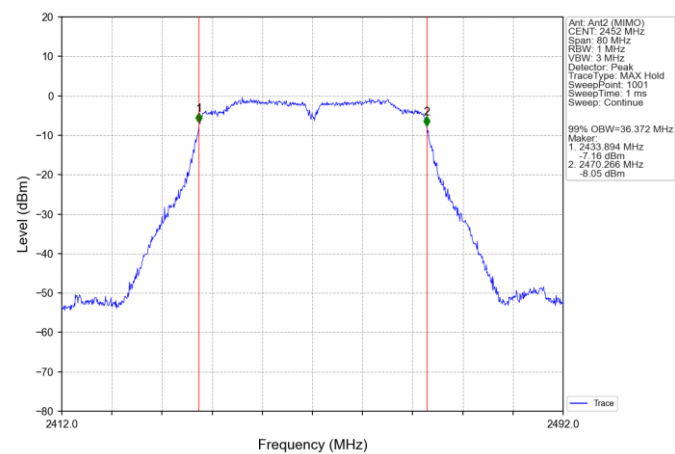
802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



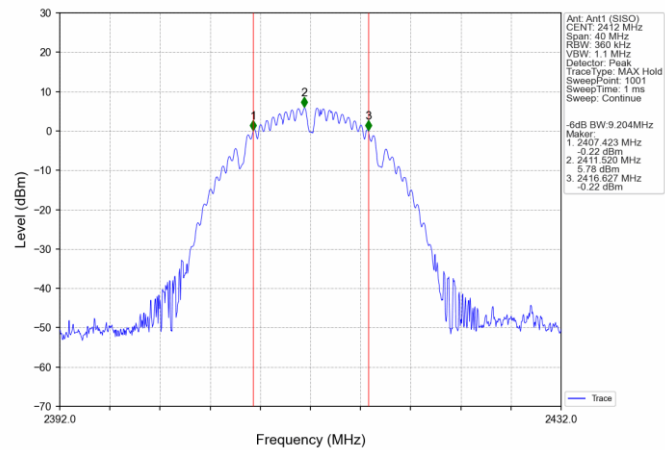
802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV



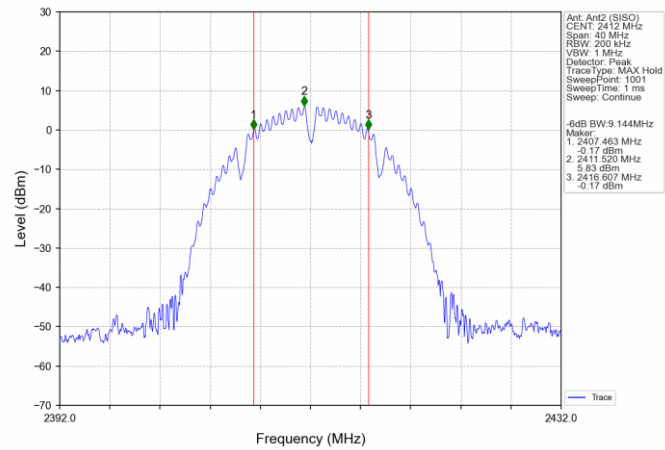


2.2.2 6dB BW

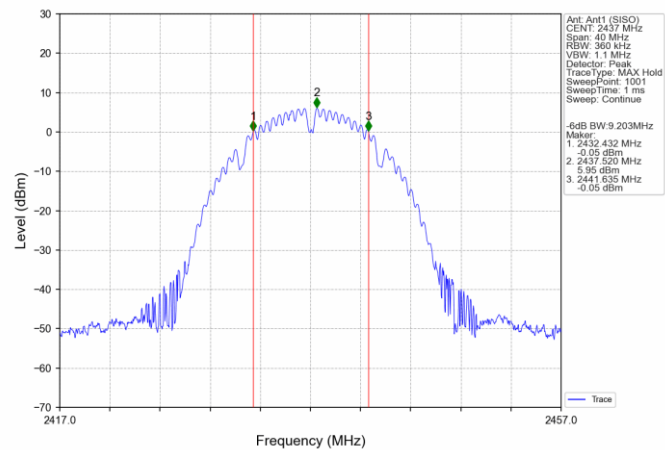
802.11b LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b LCH_2412MHz_Ant2 (SISO)_NTNV

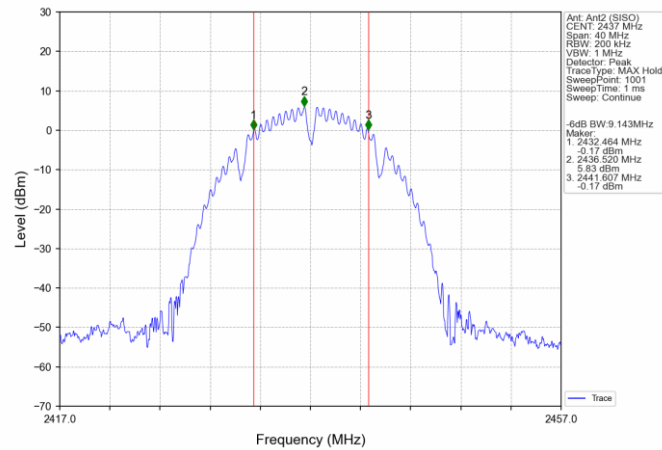


802.11b MCH_2437MHz_Ant1 (SISO)_NTNV

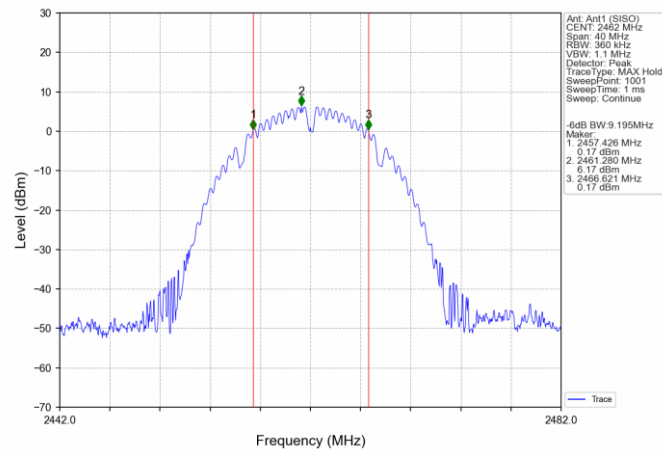




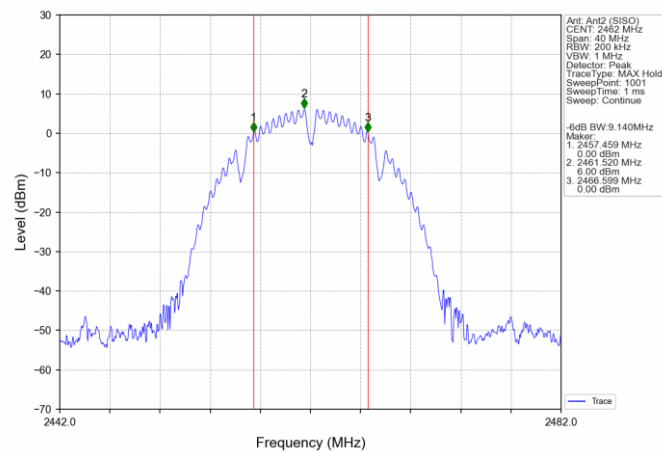
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

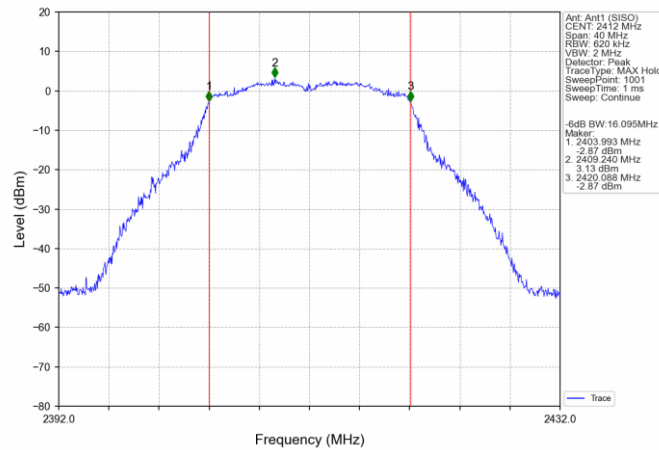


802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV

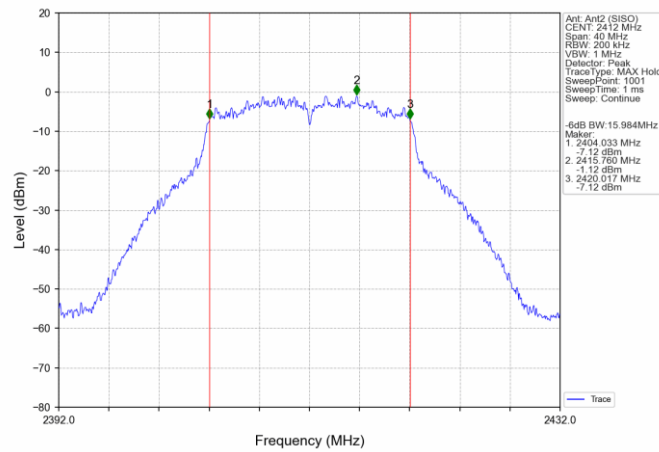




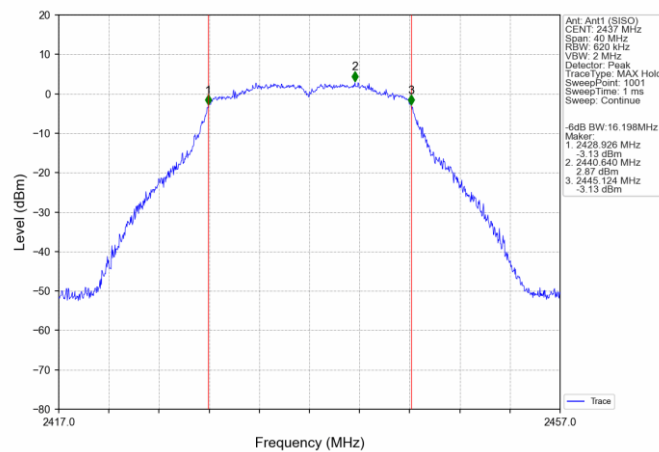
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV

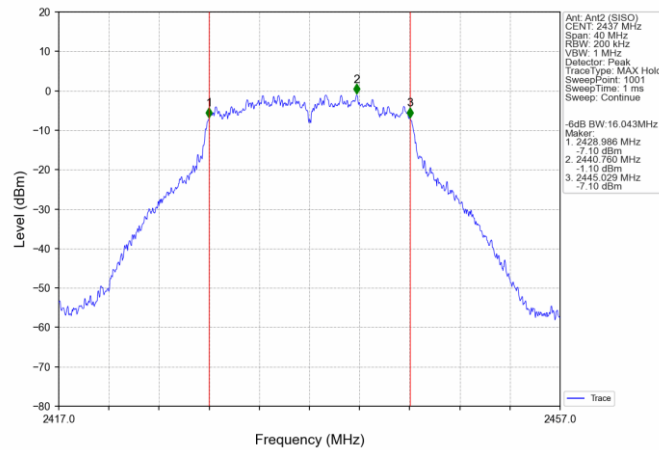


802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

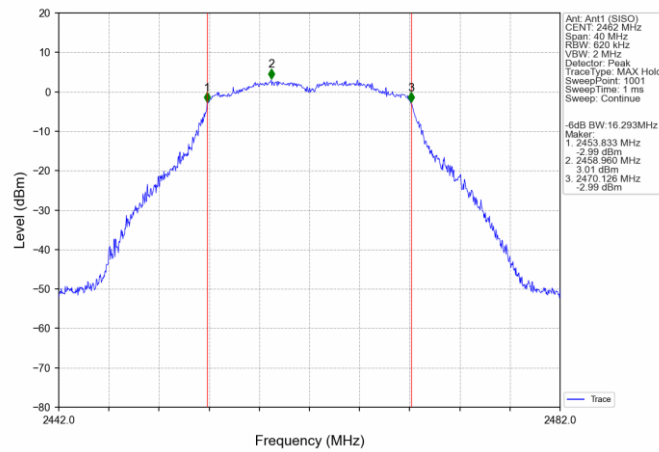




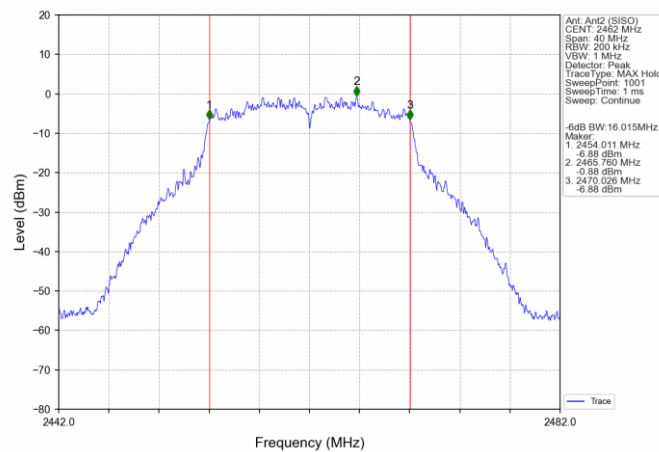
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

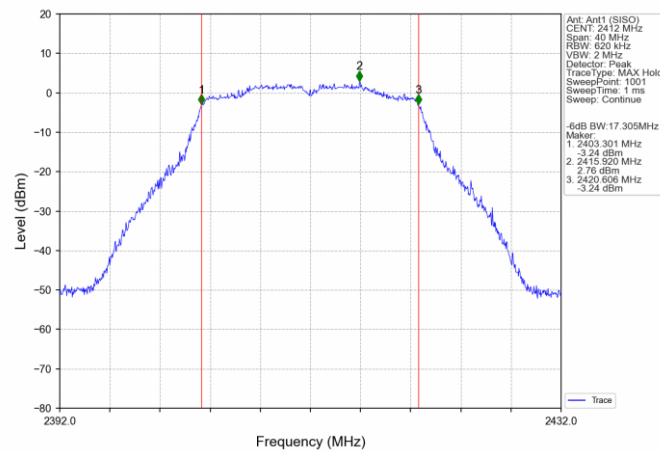


802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV

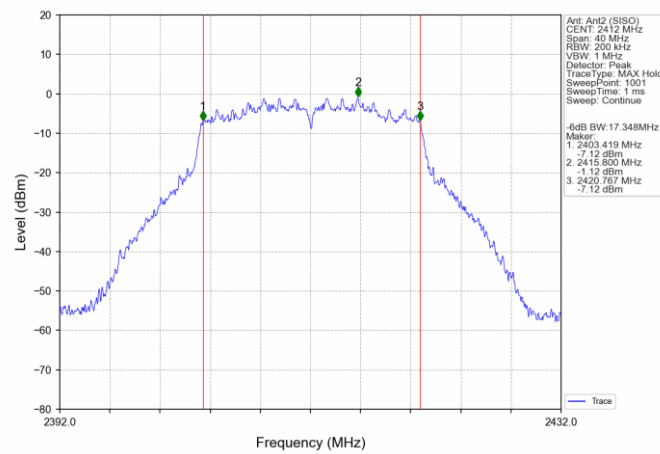




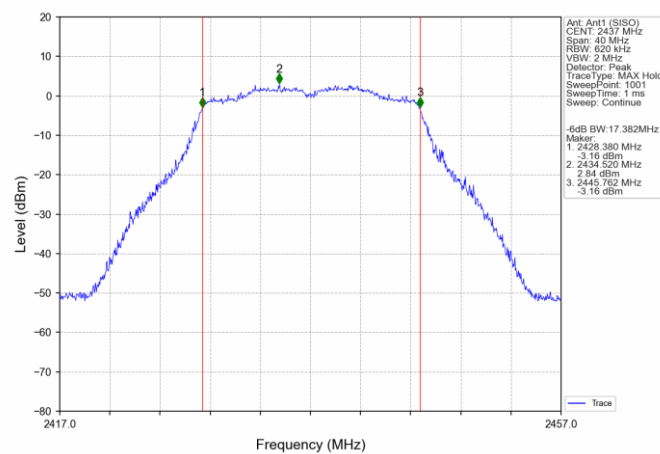
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV

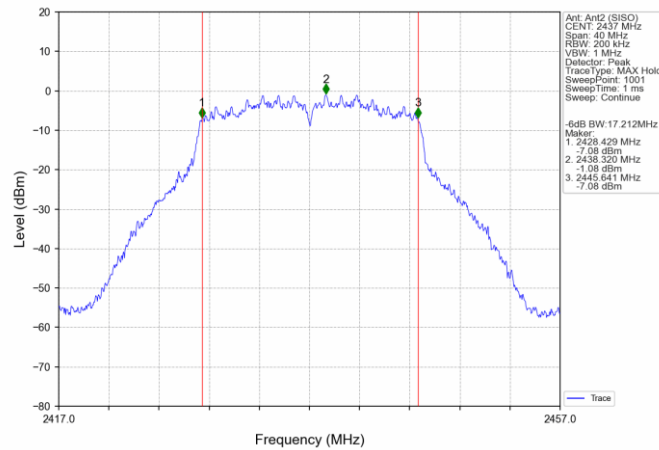


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

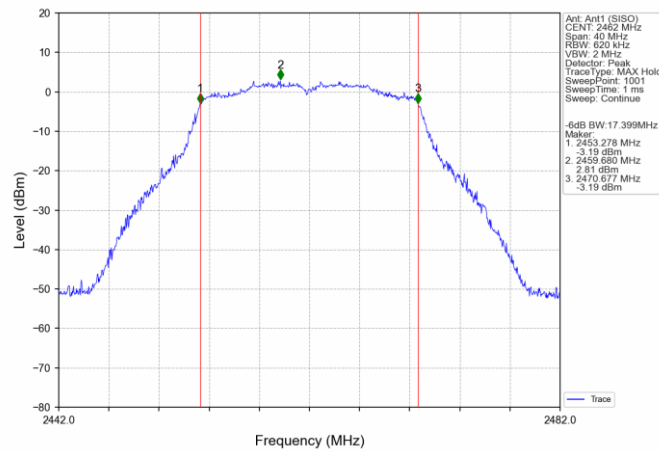




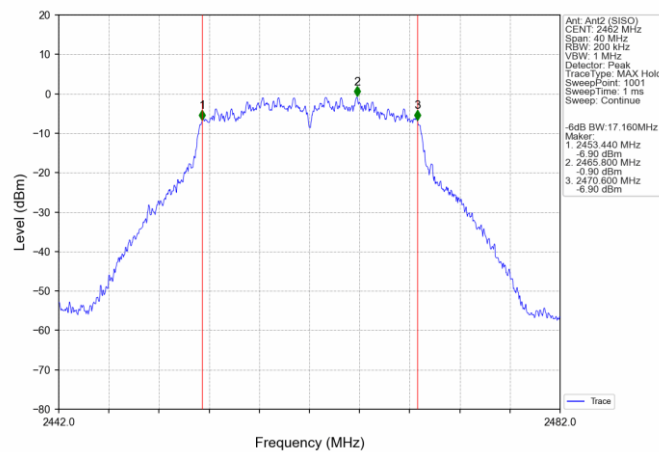
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

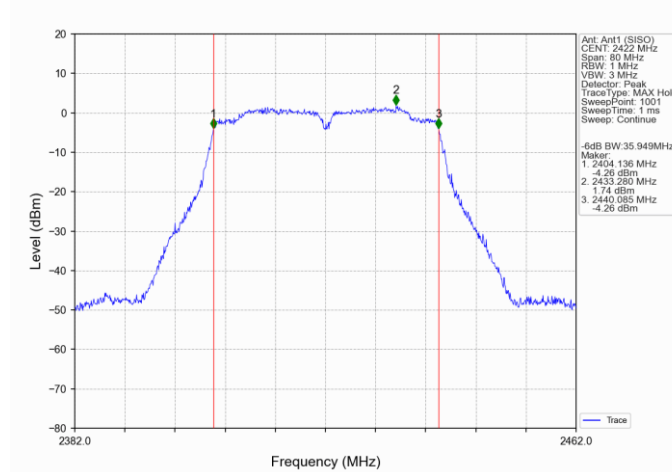


802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV

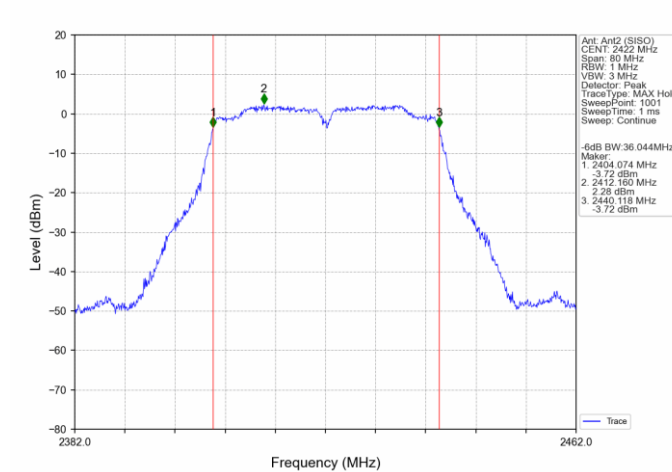




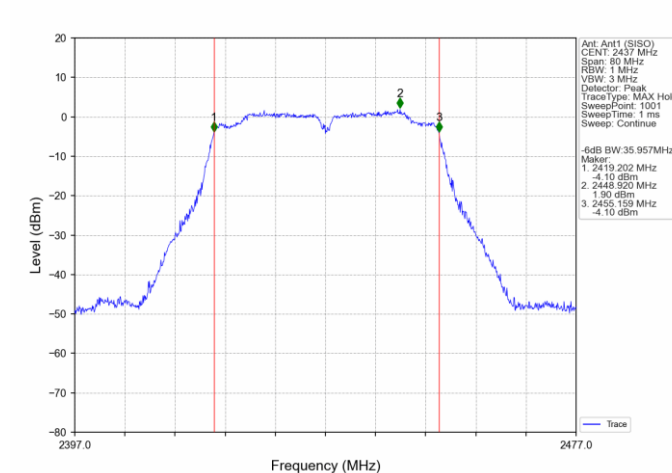
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV

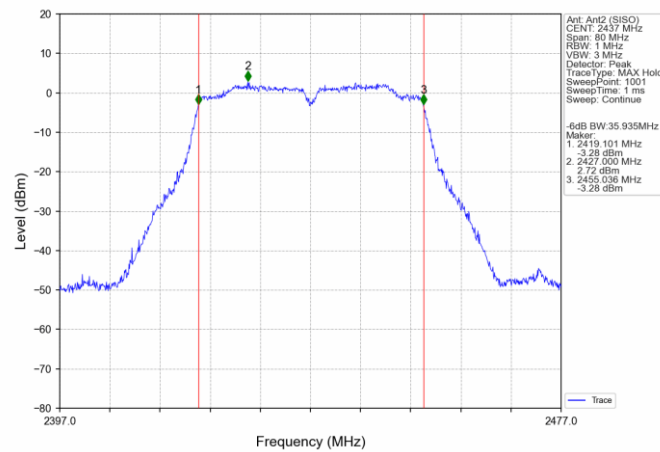


802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

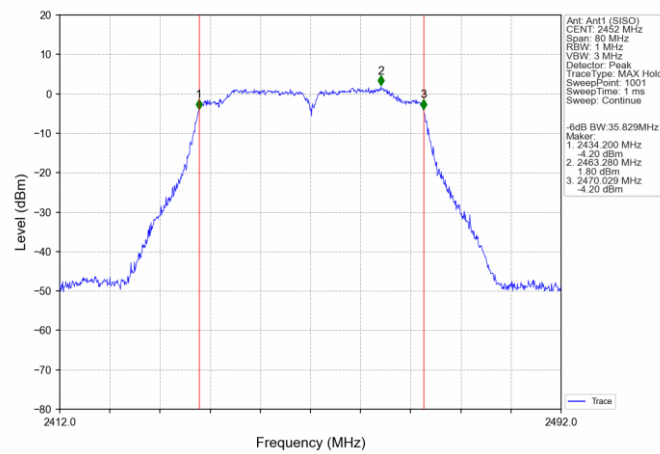




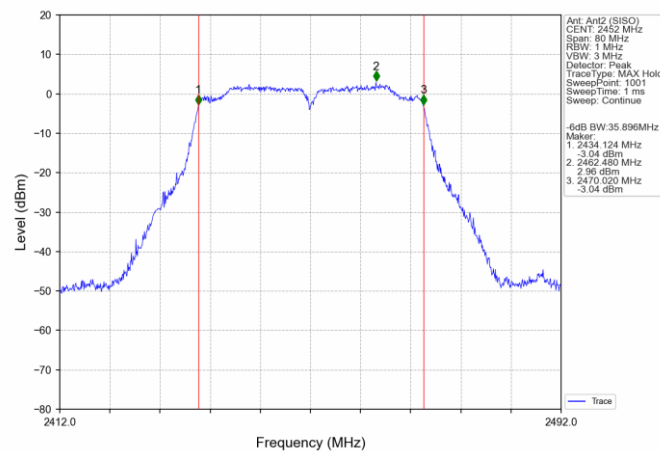
802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

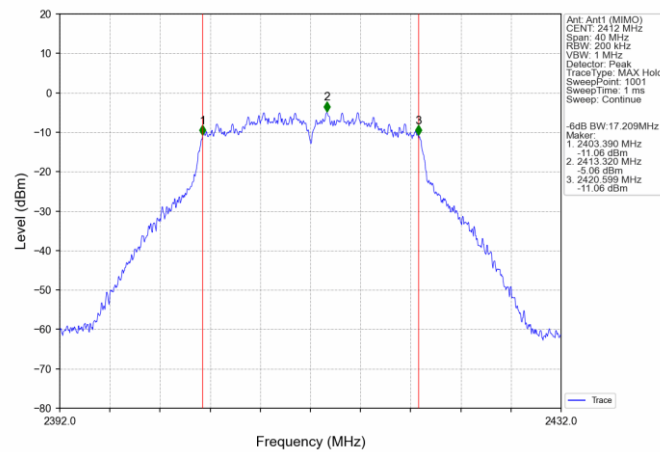


802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV

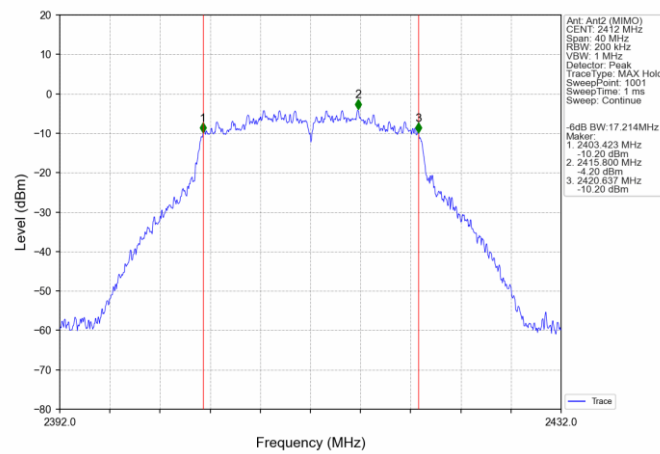




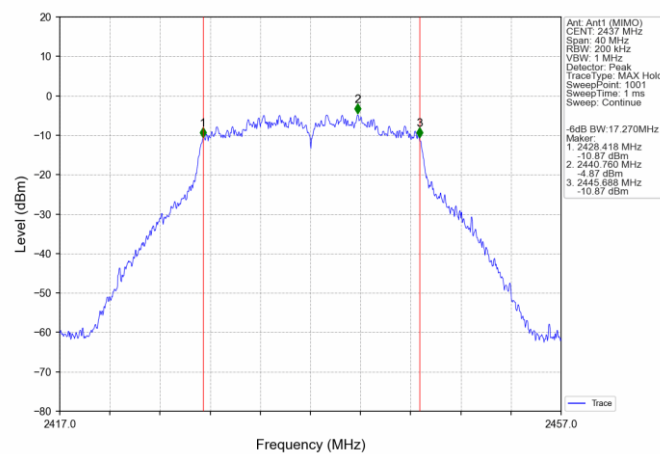
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV

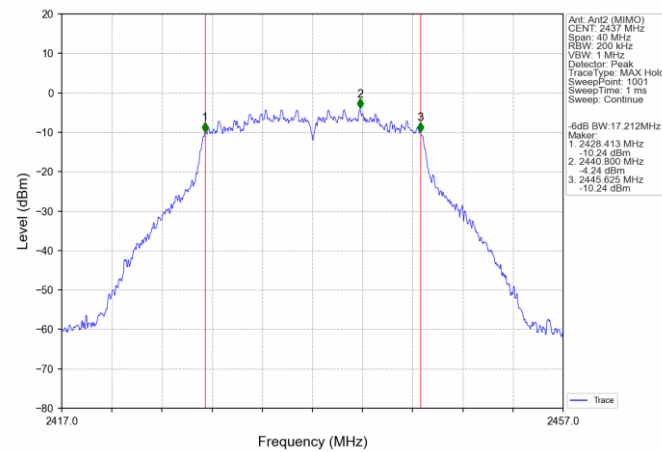


802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV

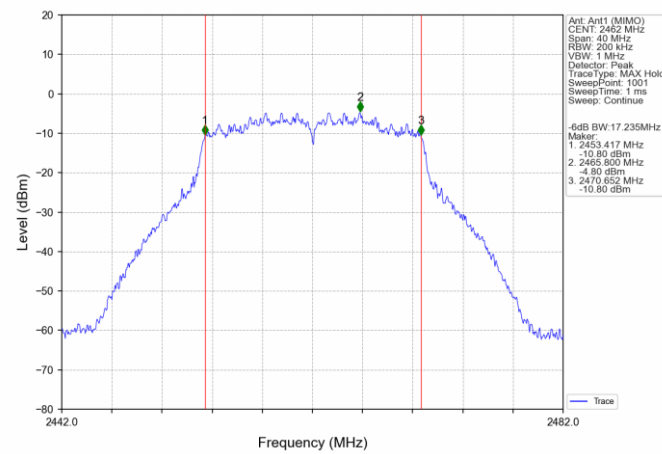




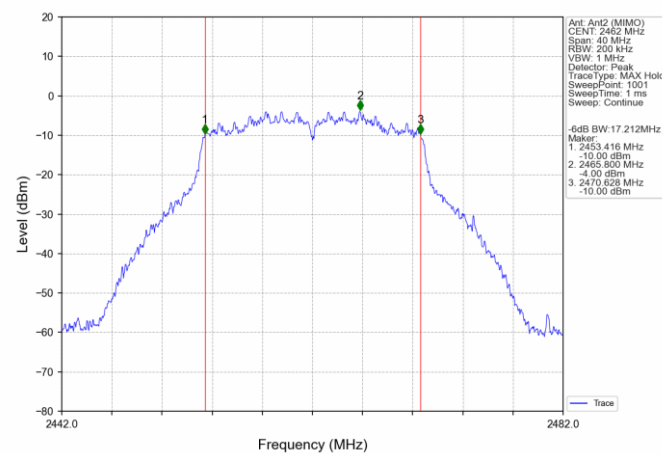
802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV

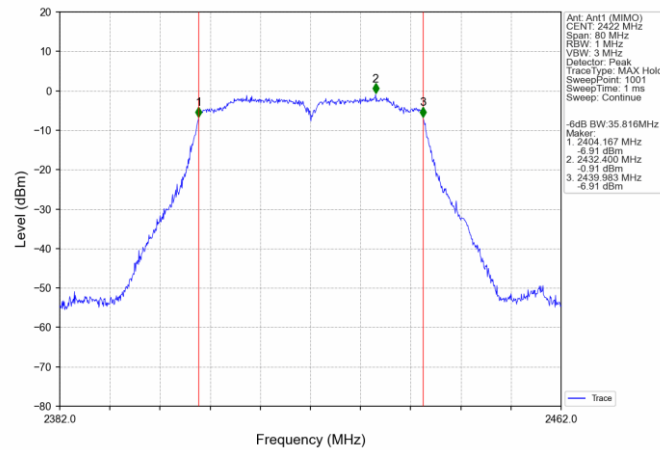


802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV

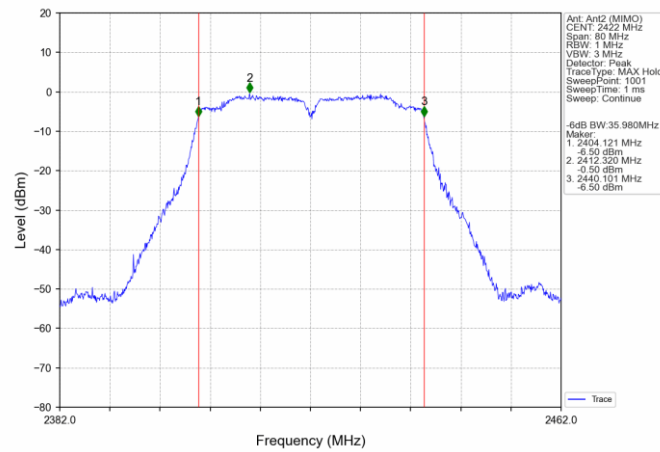




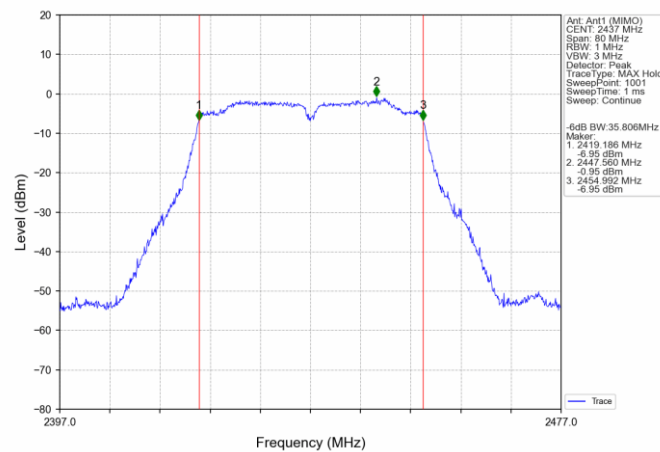
802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV

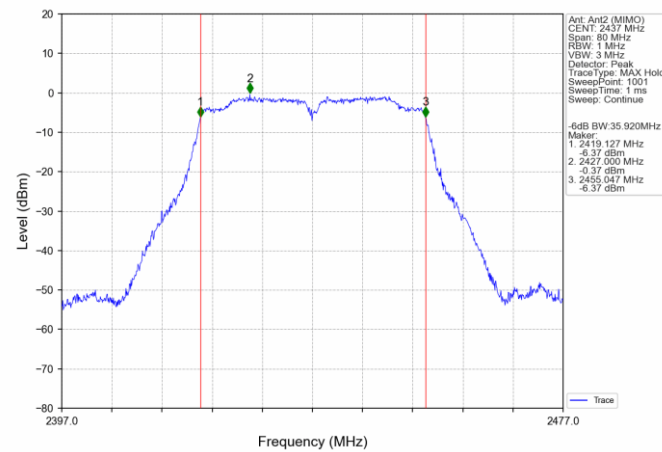


802.11n(HT40)_MCH_2437MHz_Ant1 (MIMO)_NTNV

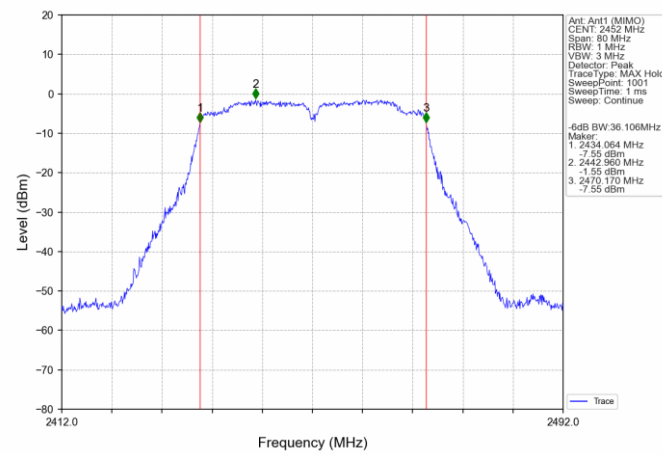




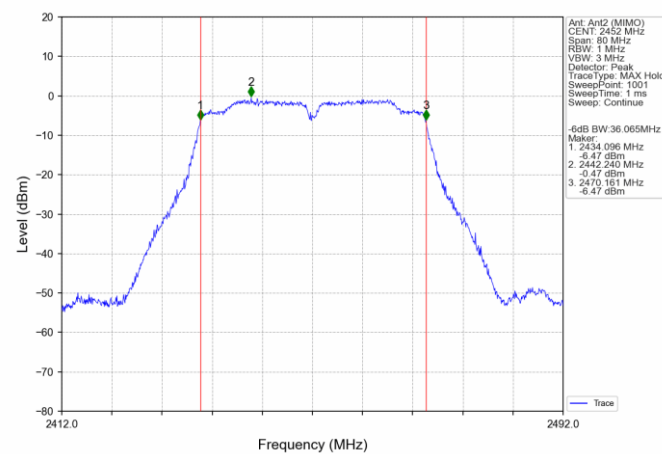
802.11n(HT40)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (MIMO)_NTNV





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	/	/	16.46	16.55	/	<=30	Pass
		2437	/	/	16.59	16.53	/	<=30	Pass
		2462	/	/	16.78	16.75	/	<=30	Pass
802.11g	SISO	2412	/	/	15.53	15.54	/	<=30	Pass
		2437	/	/	15.71	15.56	/	<=30	Pass
		2462	/	/	15.80	15.77	/	<=30	Pass
802.11n (HT20)	SISO	2412	/	/	15.44	15.40	/	<=30	Pass
		2437	/	/	15.61	15.44	/	<=30	Pass
		2462	/	/	15.67	15.66	/	<=30	Pass
802.11n (HT40)	SISO	2422	/	/	14.96	15.87	/	<=30	Pass
		2437	/	/	15.05	15.82	/	<=30	Pass
		2452	/	/	15.04	15.90	/	<=30	Pass
802.11n (HT20)	MIMO	2412	/	/	11.61	12.42	15.04	<=30	Pass
		2437	/	/	11.77	12.40	15.11	<=30	Pass
		2462	/	/	11.86	12.69	15.31	<=30	Pass
802.11n (HT40)	MIMO	2422	/	/	12.01	12.89	15.48	<=30	Pass
		2437	/	/	12.07	12.78	15.45	<=30	Pass
		2452	/	/	12.17	12.85	15.53	<=30	Pass
Note1: Antenna Gain: Ant1: 3.35dBi; Ant2: 1.54dBi; Note2: Directional Gain: 5.50dBi									



4. MAXIMUM POWER SPECTRAL DENSITY

4.1 Test Result

4.1.1 PSD

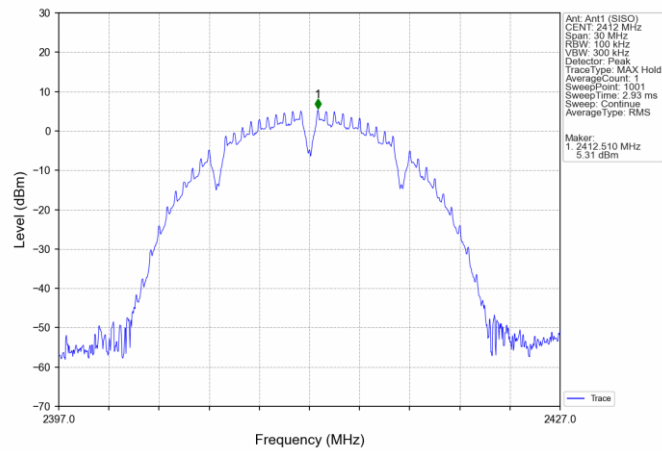
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	/	/	5.31	5.18	/	<=8	Pass
		2437	/	/	5.58	5.52	/	<=8	Pass
		2462	/	/	5.72	5.73	/	<=8	Pass
802.11g	SISO	2412	/	/	-1.91	-1.88	/	<=8	Pass
		2437	/	/	-1.69	-1.87	/	<=8	Pass
		2462	/	/	-1.65	-1.64	/	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-1.91	-1.90	/	<=8	Pass
		2437	/	/	-1.69	-1.91	/	<=8	Pass
		2462	/	/	-1.66	-1.67	/	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-6.12	-5.26	/	<=8	Pass
		2437	/	/	-5.96	-5.30	/	<=8	Pass
		2452	/	/	-6.22	-5.25	/	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-5.82	-5.13	-2.45	<=8	Pass
		2437	/	/	-5.64	-5.17	-2.39	<=8	Pass
		2462	/	/	-5.57	-4.93	-2.23	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-9.15	-8.53	-5.82	<=8	Pass
		2437	/	/	-9.07	-8.58	-5.81	<=8	Pass
		2452	/	/	-9.02	-8.55	-5.77	<=8	Pass
Note1: Antenna Gain: Ant1: 3.35dBi; Ant2: 1.54dBi; Note2: Directional Gain: 5.50dBi									



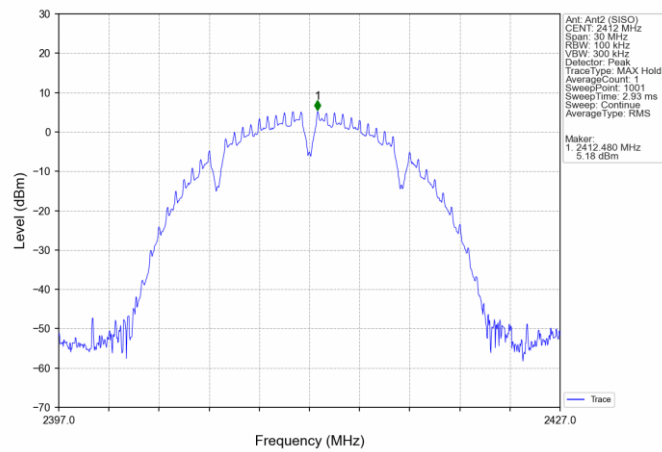
4.2 Test Graph

4.2.1 PSD

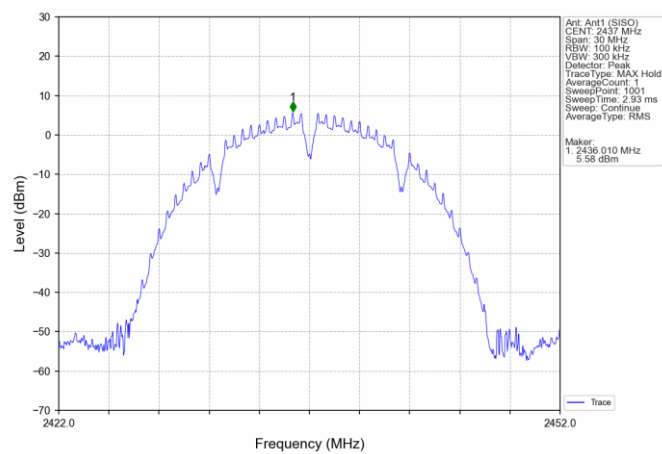
802.11b LCH 2412MHz Ant1 (SISO) NTNV



802.11b LCH 2412MHz Ant2 (SISO) NTNV

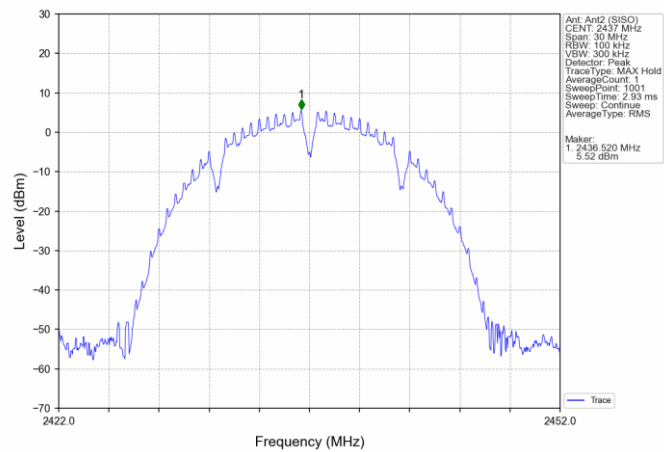


802.11b MCH 2437MHz Ant1 (SISO) NTNV

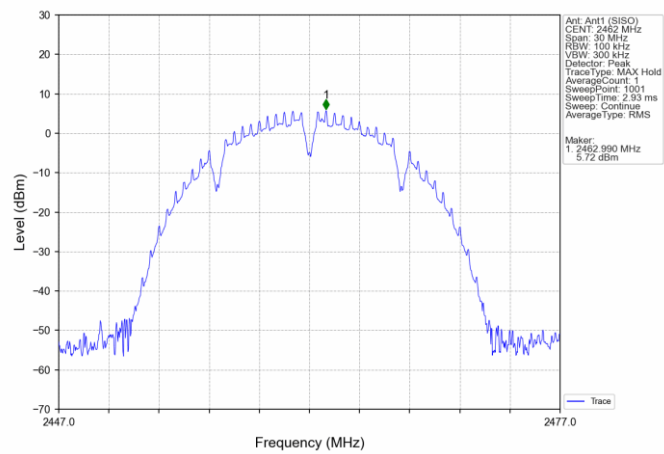




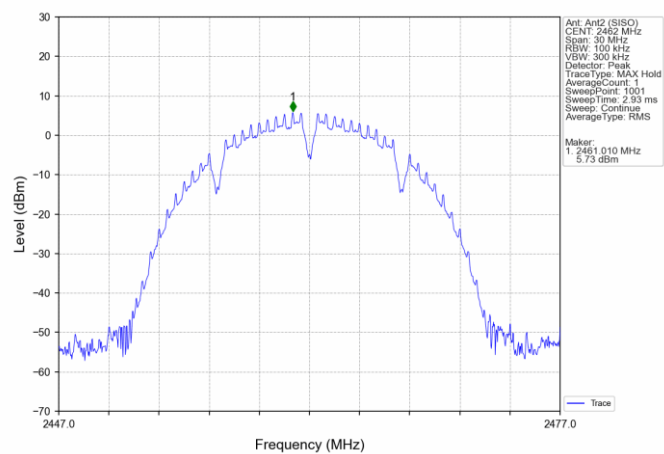
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

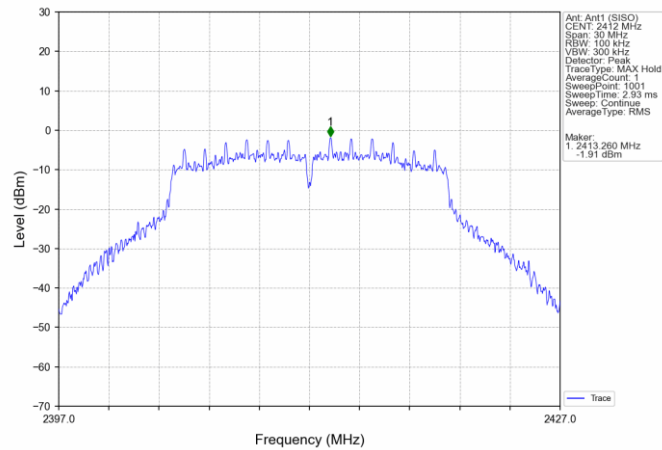


802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV

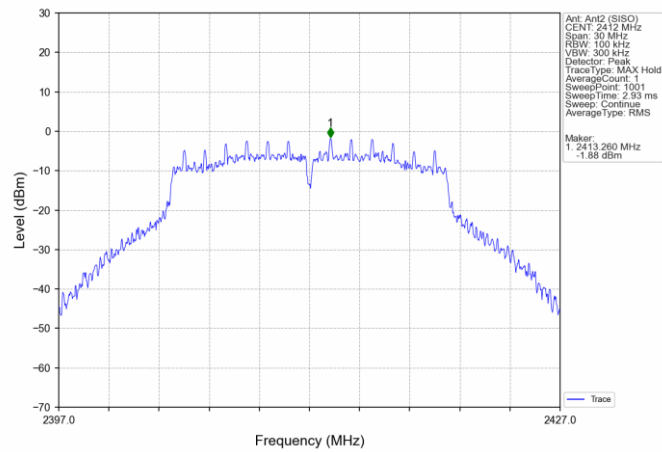




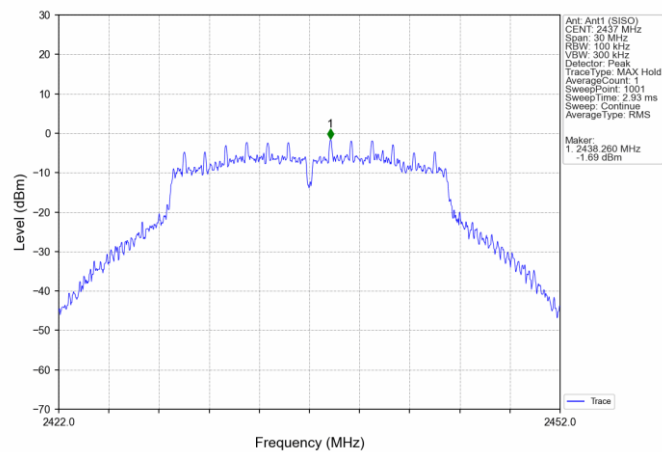
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV

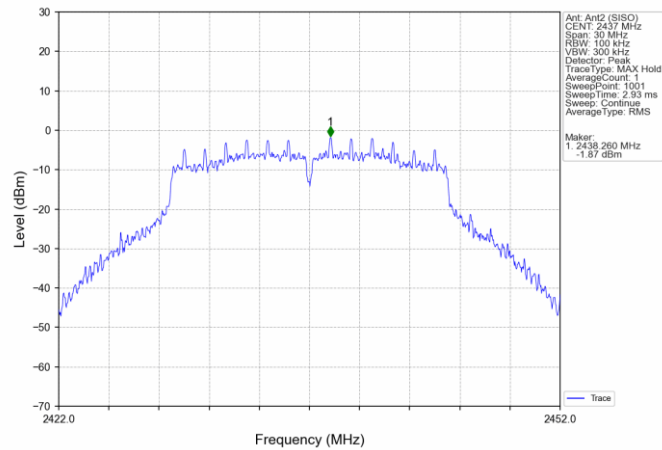


802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

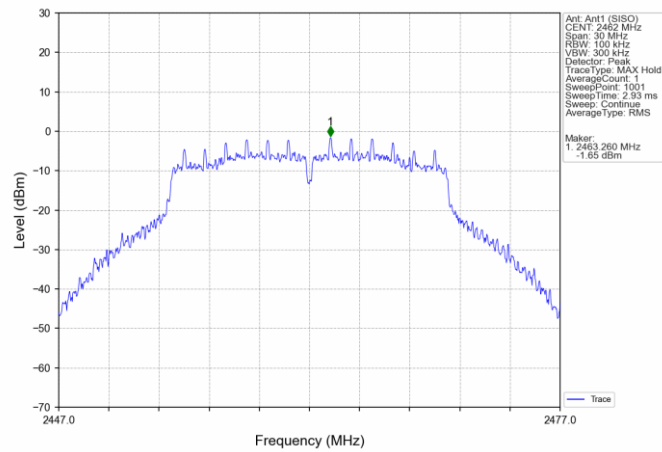




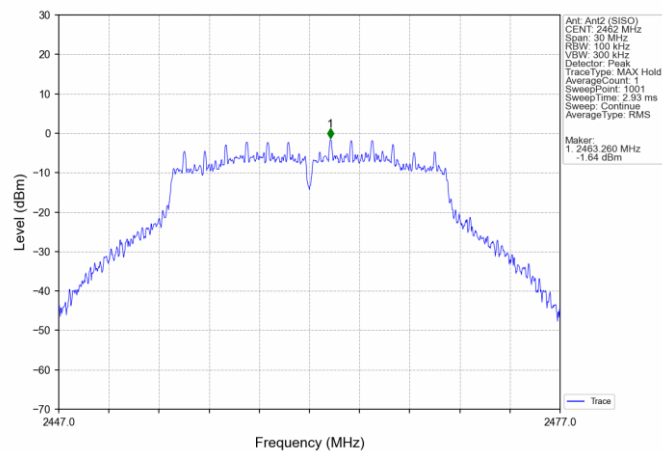
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

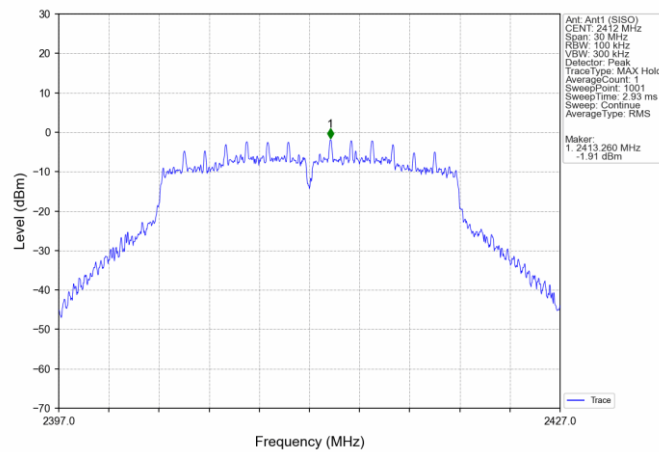


802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV

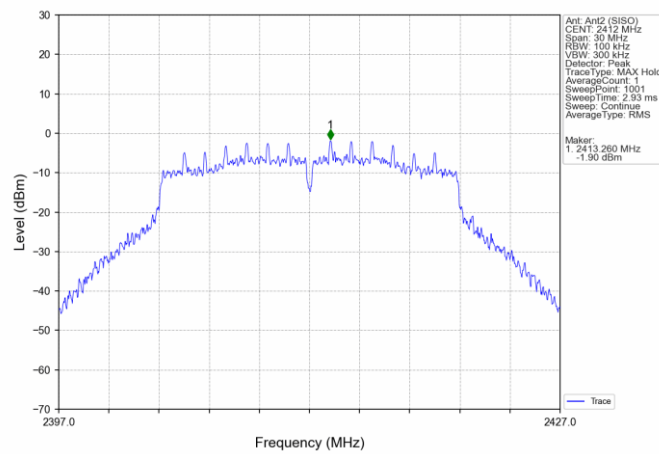




802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

