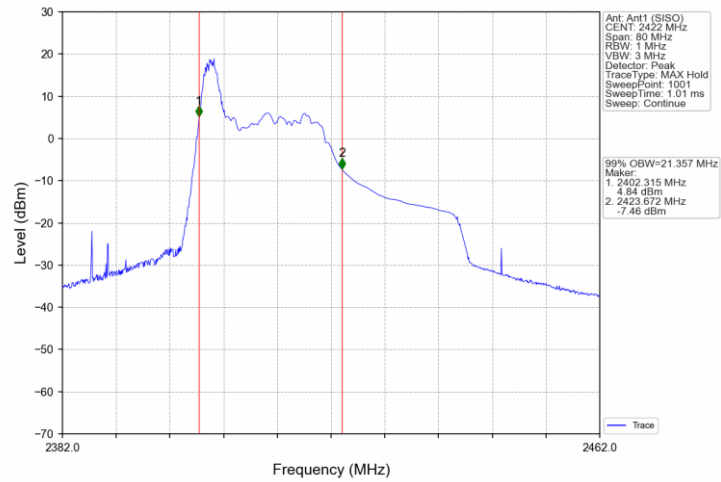
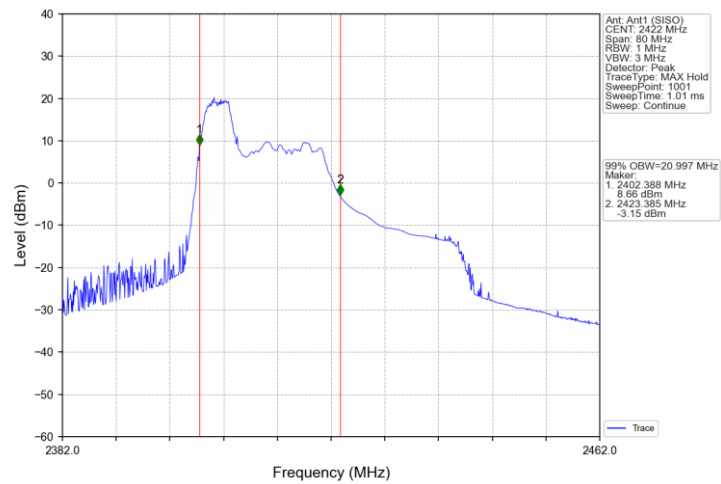


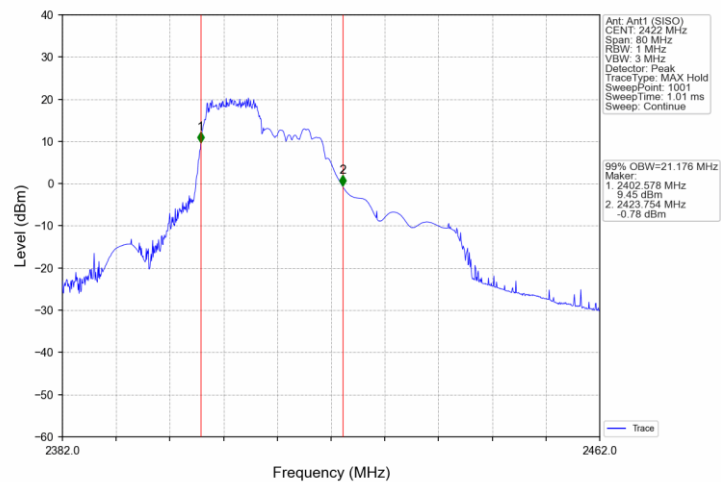
802.11ax(HEW40) LCH 2422MHz RU26 0 Ant1 (SISO) NTNv



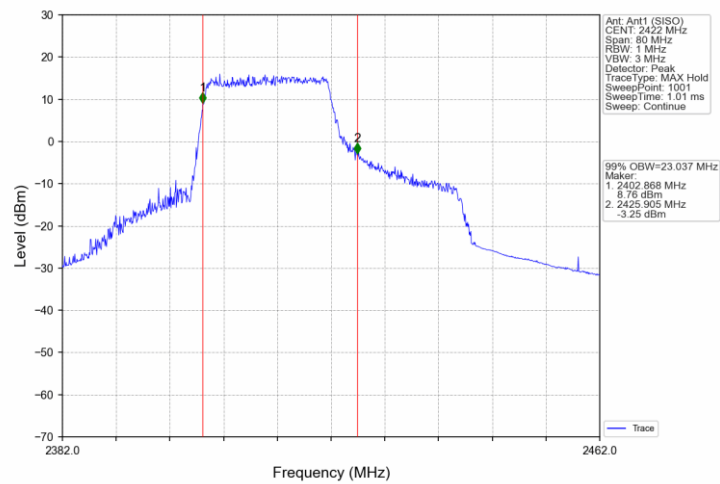
802.11ax(HEW40) LCH 2422MHz RU52 37 Ant1 (SISO) NTNv



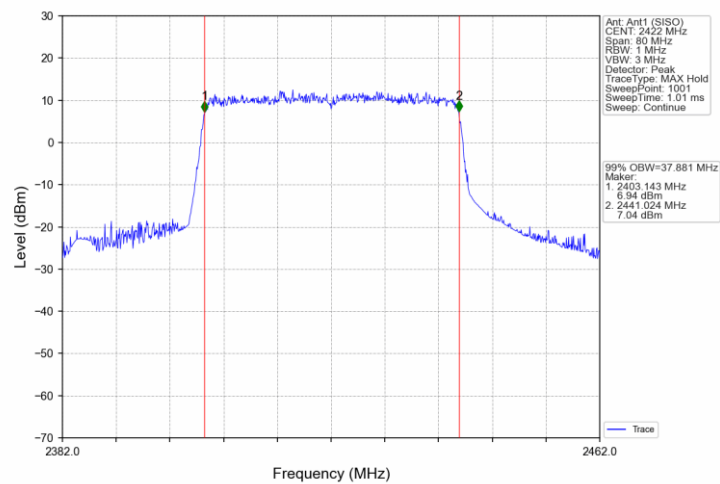
802.11ax(HEW40) LCH 2422MHz RU106 53 Ant1 (SISO) NTNv



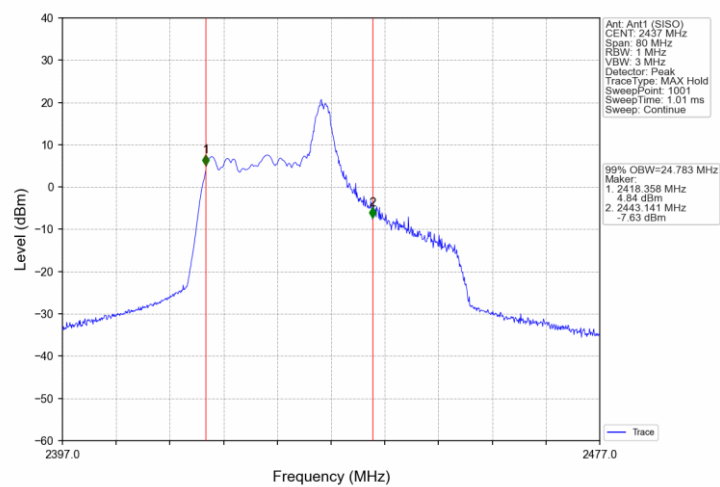
802.11ax(HEW40)_LCH_2422MHz_RU242_61_Ant1 (SISO)_NTNV



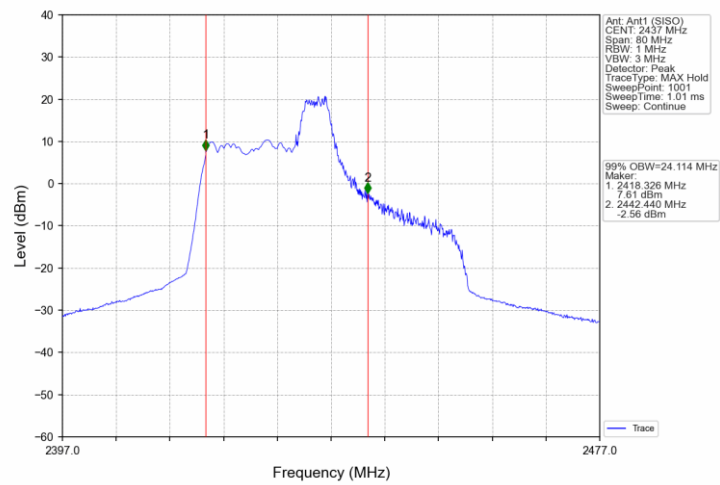
802.11ax(HEW40)_LCH_2422MHz_RU484_65_Ant1 (SISO)_NTNV



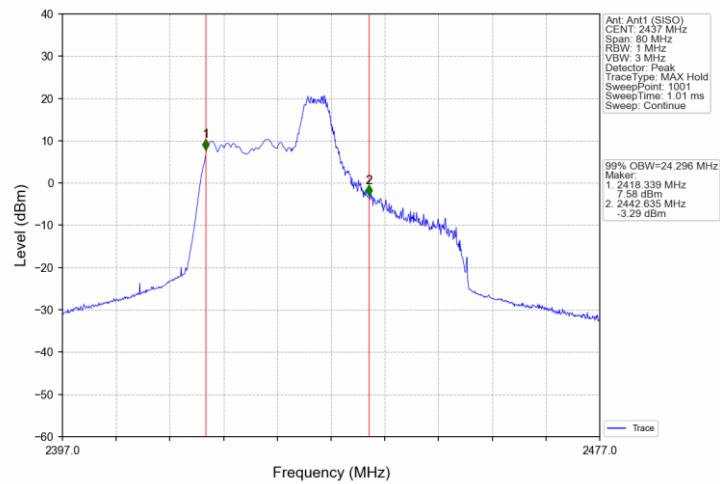
802.11ax(HEW40)_MCH_2437MHz_RU26_8_Ant1 (SISO)_NTNV



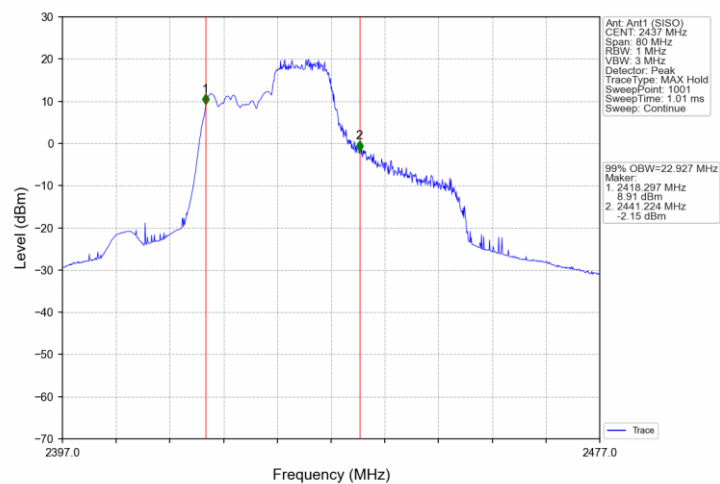
802.11ax(HEW40) MCH_2437MHz RU52_40 Ant1 (SISO) NTNv



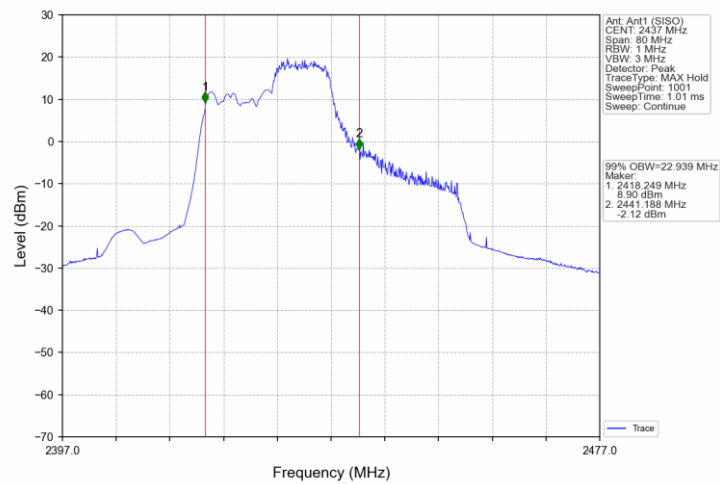
802.11ax(HEW40) MCH_2437MHz RU52_44 Ant1 (SISO) NTNv



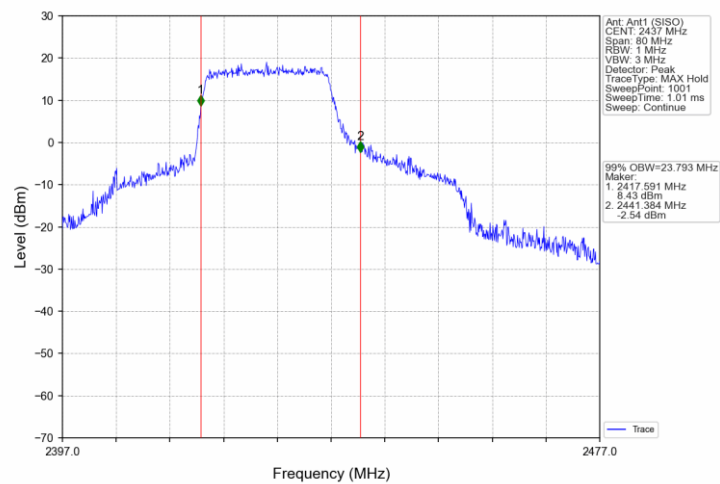
802.11ax(HEW40) MCH_2437MHz RU106_54 Ant1 (SISO) NTNv



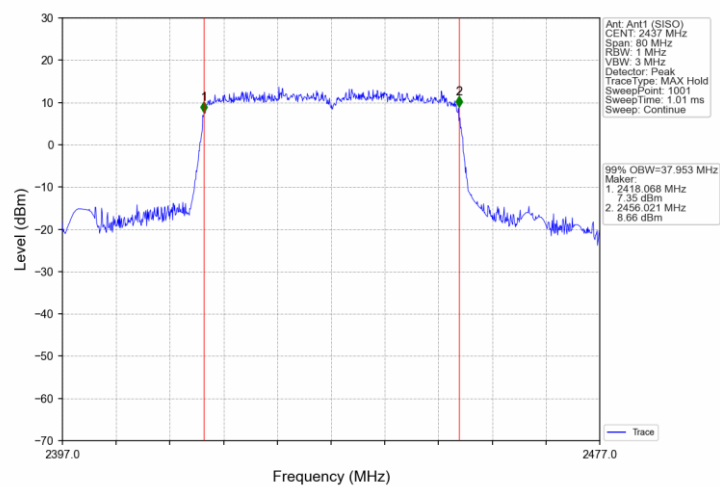
802.11ax(HEW40) MCH_2437MHz RU106_56 Ant1 (SISO) NTNV



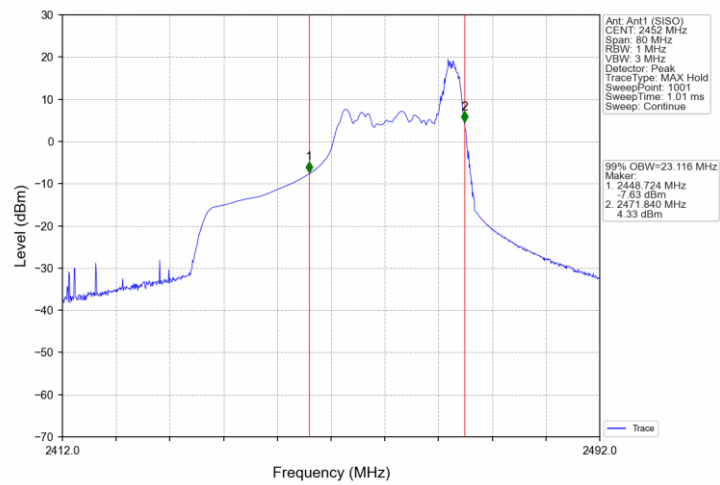
802.11ax(HEW40) MCH_2437MHz RU242_61 Ant1 (SISO) NTNV



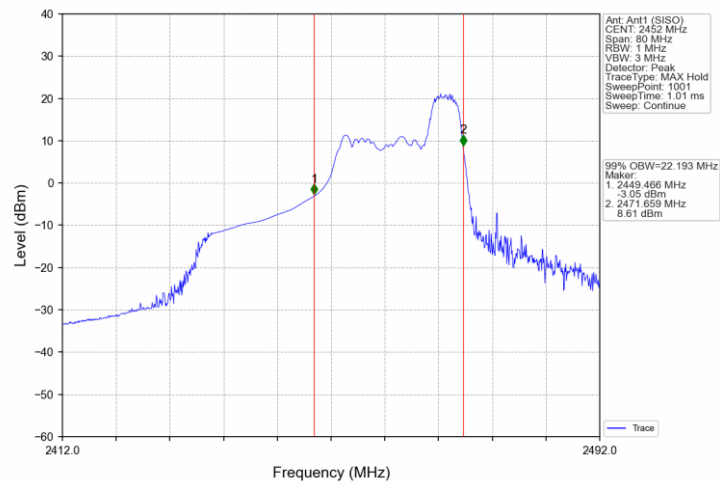
802.11ax(HEW40) MCH_2437MHz RU484_65 Ant1 (SISO) NTNV



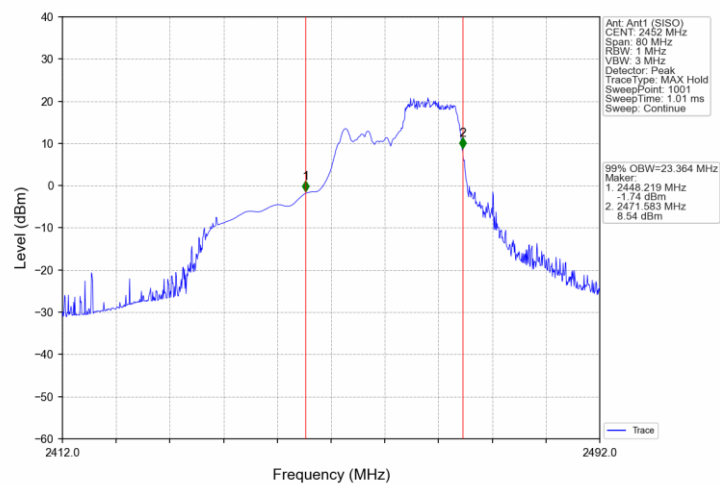
802.11ax(HEW40) HCH 2452MHz RU26 17 Ant1 (SISO) NTNv



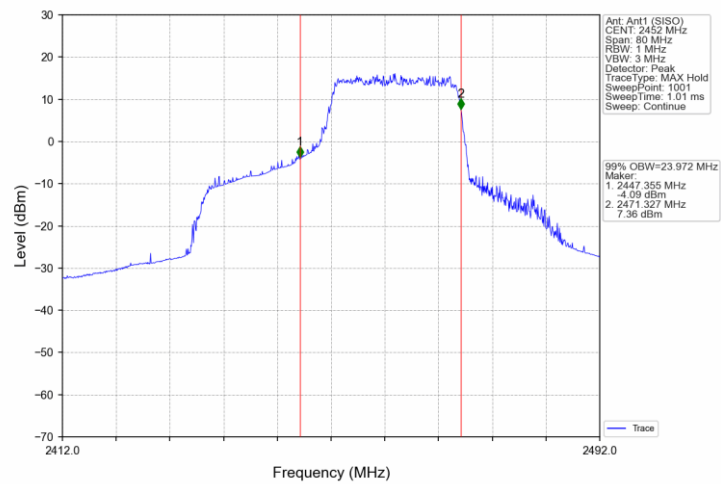
802.11ax(HEW40) HCH 2452MHz RU52 44 Ant1 (SISO) NTNv



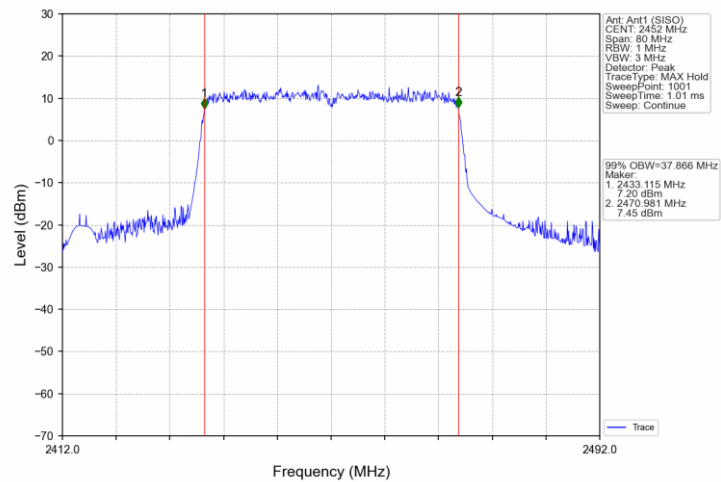
802.11ax(HEW40) HCH 2452MHz RU106 56 Ant1 (SISO) NTNv



802.11ax(HEW40) HCH 2452MHz RU242 62 Ant1 (SISO) NTNv



802.11ax(HEW40) HCH 2452MHz RU484 65 Ant1 (SISO) NTNv



9.4 Power Spectral Density

Test Method

This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance:

1. The RF output of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Set to the maximum power setting, the instrument center frequency is set to the nominal EUT channel center frequency enable the EUT transmit continuously.
3. Use the following spectrum analyzer settings:
4. Set analyzer center frequency to DTS channel center frequency. RBW=3kHz, VBW $\geq$ 3RBW, Span=1.5 times DTS bandwidth, Detector=Peak, Sweep=auto, Trace= max hold.
5. Allow trace to fully stabilize, use the peak marker function to determine the maximum amplitude level within the RBW.
6. Repeat above procedures until other frequencies measured were completed.

Limit

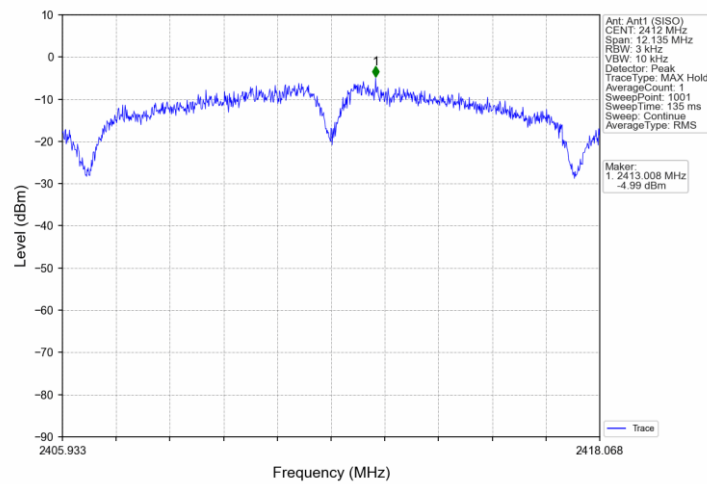
Limit [dBm/3KHz]

≤ 8

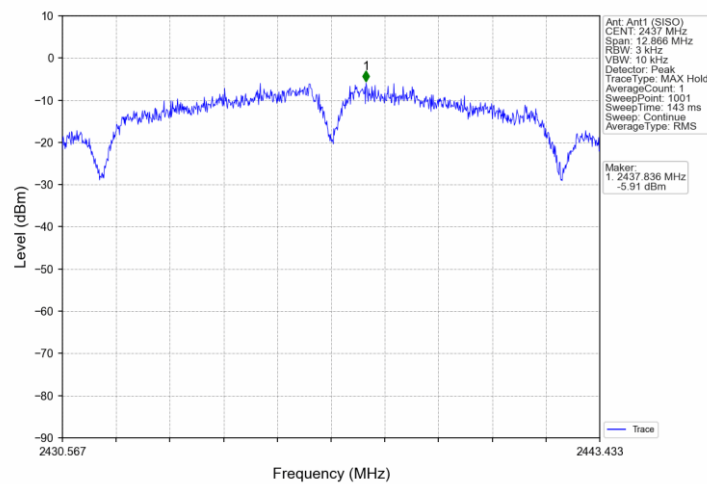
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-4.99	<=8	Pass
		2437	-5.91	<=8	Pass
		2462	-5.81	<=8	Pass
802.11g	SISO	2412	-7.06	<=8	Pass
		2437	-6.32	<=8	Pass
		2462	-7.66	<=8	Pass
802.11n (HT20)	SISO	2412	-7.26	<=8	Pass
		2437	-6.01	<=8	Pass
		2462	-8.46	<=8	Pass
802.11n (HT40)	SISO	2422	-11.94	<=8	Pass
		2437	-9.64	<=8	Pass
		2452	-13.38	<=8	Pass

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)		Verdict
					ANT1	Limit	
802.11ax (HEW20)	SISO	2412	RU26	0	-1.94	<=8	Pass
			RU52	37	-3.08	<=8	Pass
			RU106	53	-3.53	<=8	Pass
			RU242	61	-4.59	<=8	Pass
		2437	RU26	4	-2.95	<=8	Pass
			RU52	38	-3.26	<=8	Pass
			RU106	53	-4.04	<=8	Pass
			RU242	61	-3.21	<=8	Pass
		2462	RU26	8	-3.28	<=8	Pass
			RU52	40	-2.74	<=8	Pass
			RU106	54	-4.13	<=8	Pass
			RU242	61	-5.28	<=8	Pass
802.11ax (HEW40)	SISO	2422	RU26	0	-5.83	<=8	Pass
			RU52	37	-4.74	<=8	Pass
			RU106	53	-3.51	<=8	Pass
			RU242	61	-6.54	<=8	Pass
			RU484	65	-10.55	<=8	Pass
		2437	RU26	8	-3.53	<=8	Pass
			RU52	40	-4.03	<=8	Pass
			RU106	54	-4.12	<=8	Pass
			RU242	61	-3.80	<=8	Pass
			RU484	65	-6.56	<=8	Pass
		2452	RU26	17	-5.07	<=8	Pass
			RU52	44	-3.43	<=8	Pass
			RU106	56	-3.01	<=8	Pass
			RU242	62	-5.81	<=8	Pass
			RU484	65	-9.68	<=8	Pass

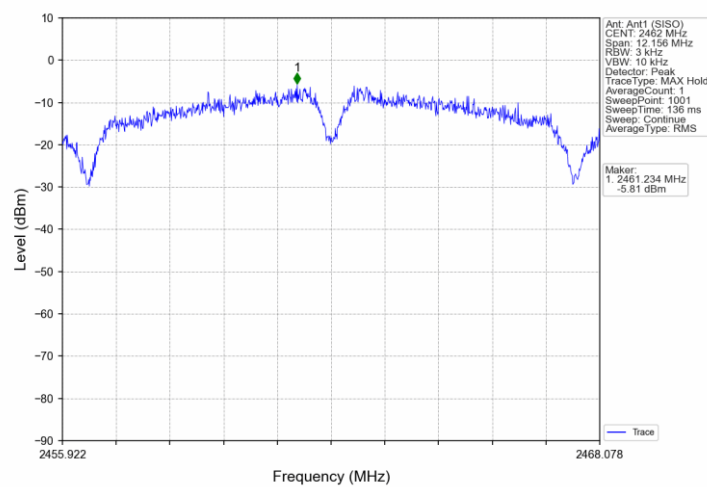
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



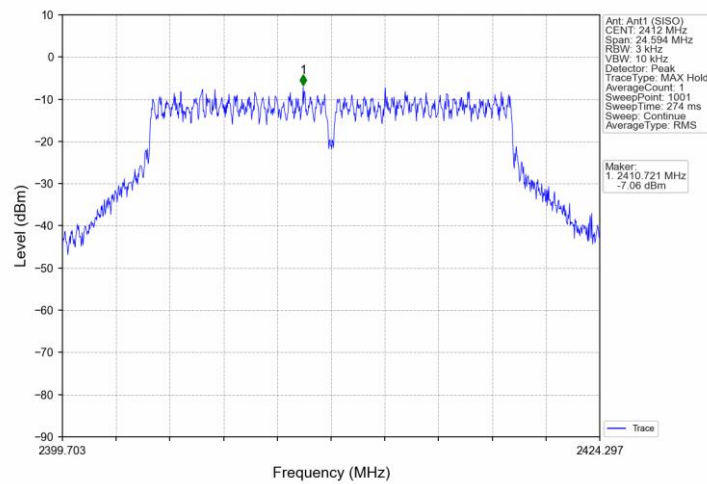
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



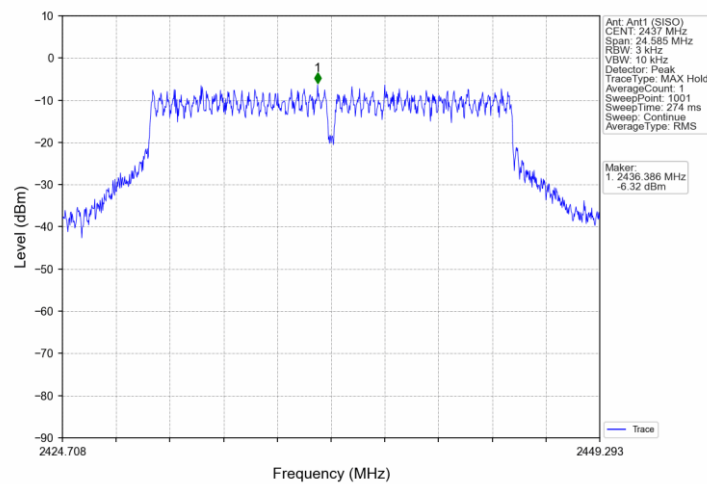
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



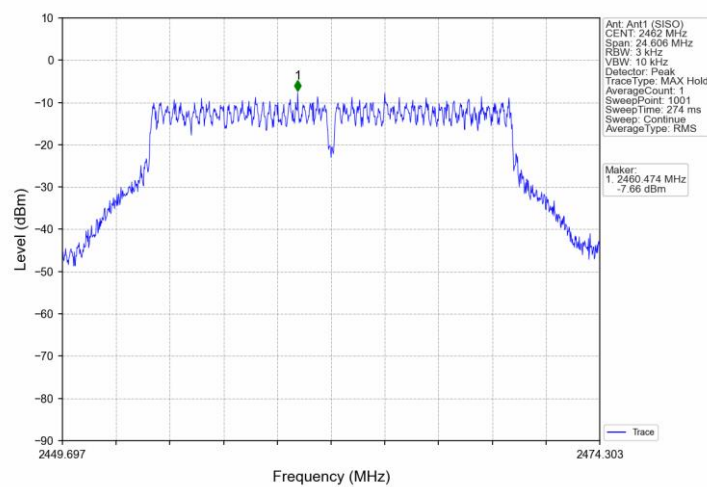
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



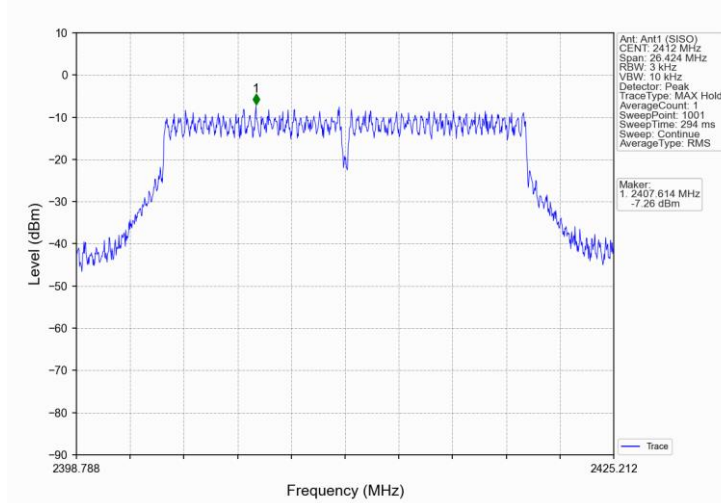
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



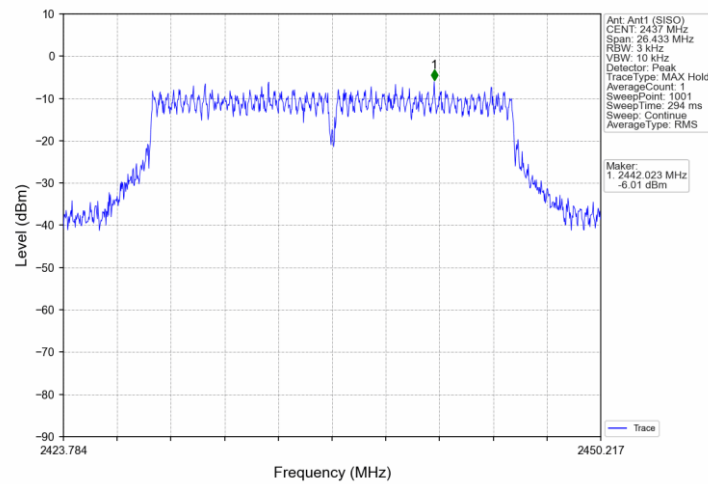
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



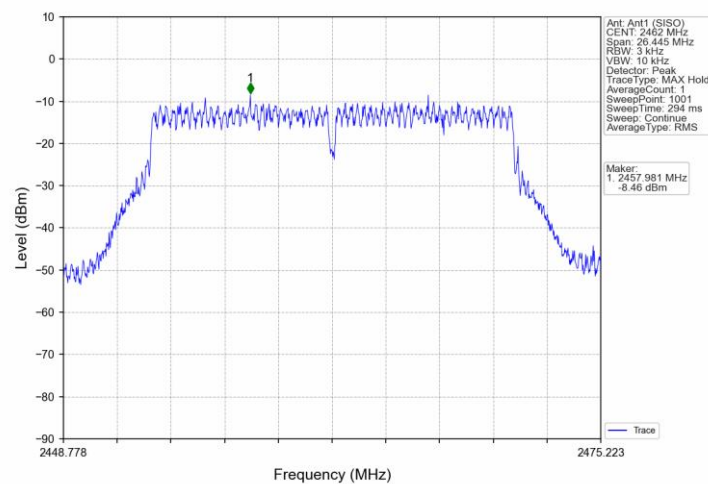
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTV



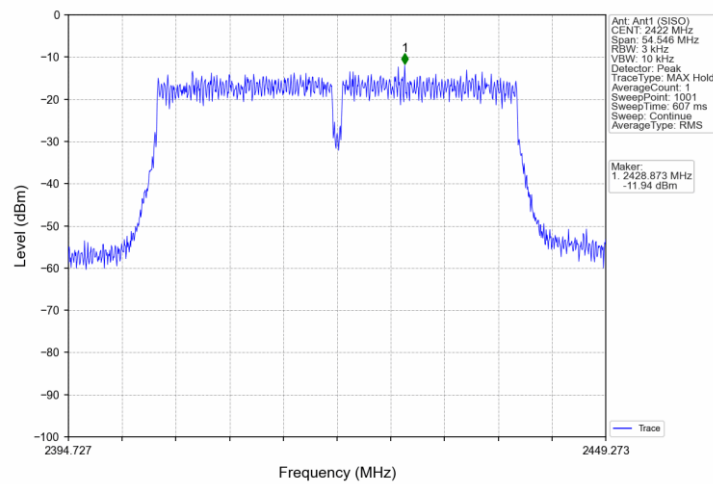
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTV



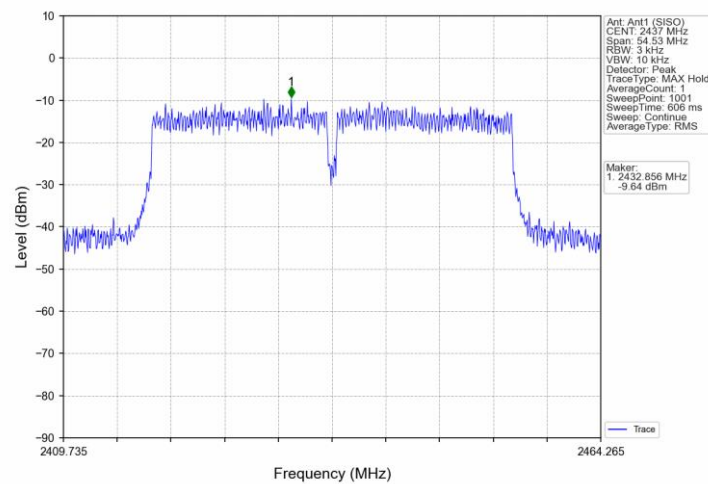
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTV



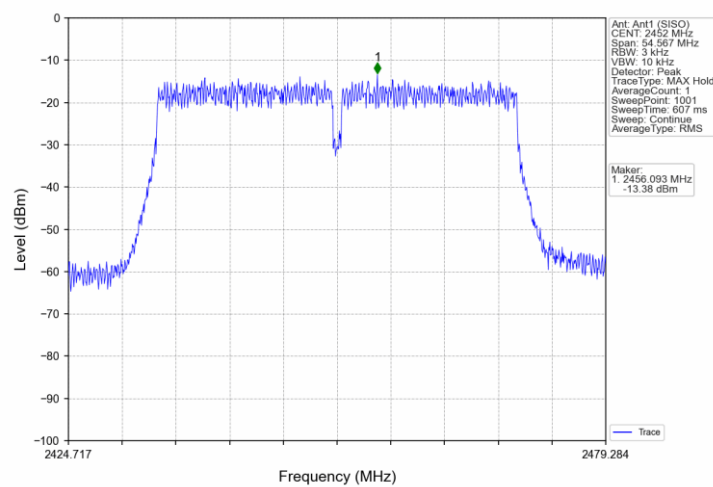
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



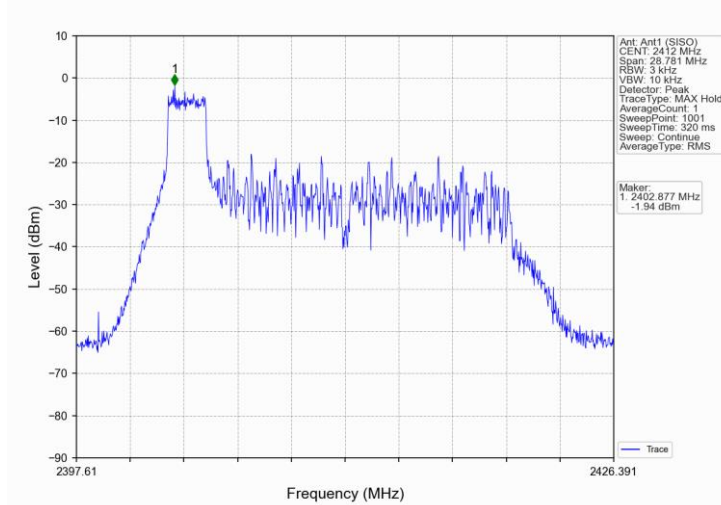
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



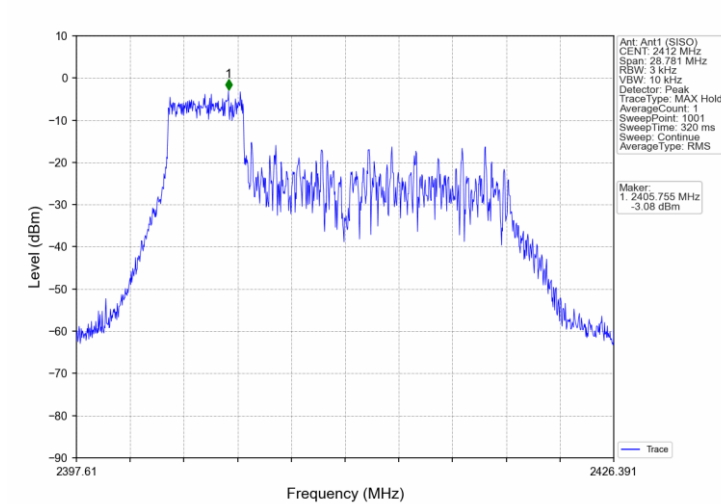
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



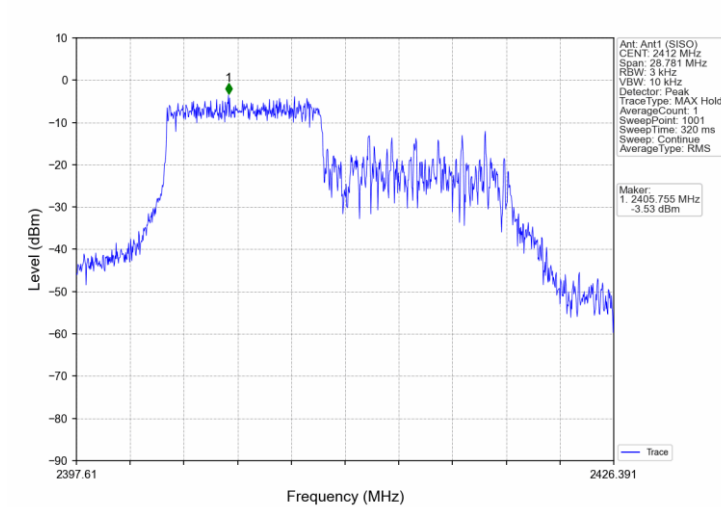
802.11ax(HEW20)_LCH_2412MHz_RU26_0_Ant1 (SISO)_NTNV



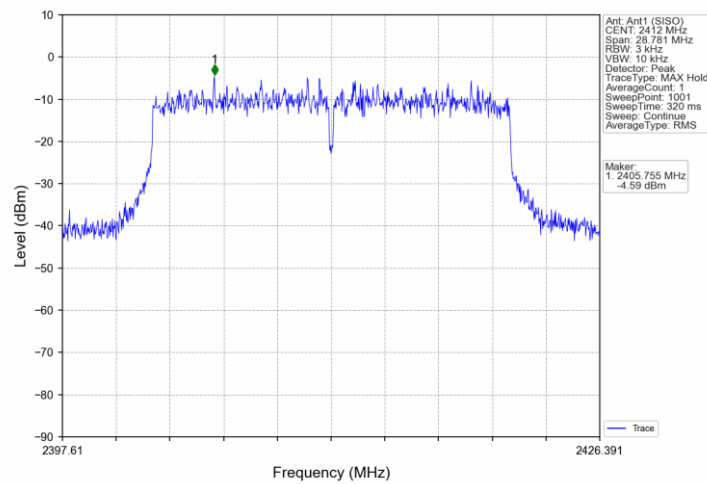
802.11ax(HEW20)_LCH_2412MHz_RU52_37_Ant1 (SISO)_NTNV



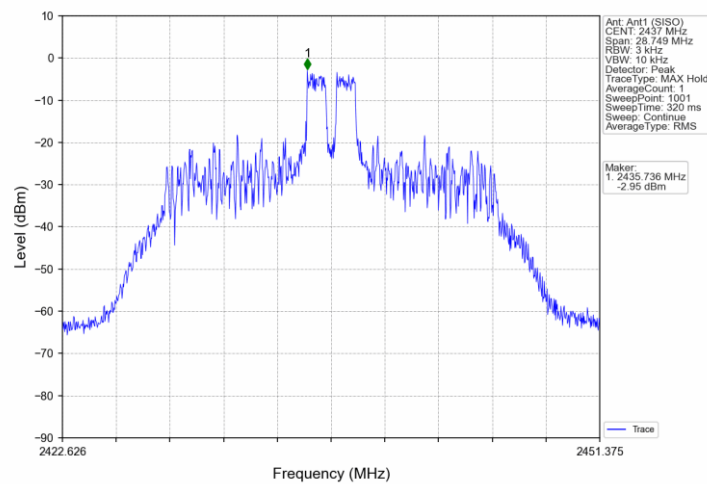
802.11ax(HEW20)_LCH_2412MHz_RU106_53_Ant1 (SISO)_NTNV



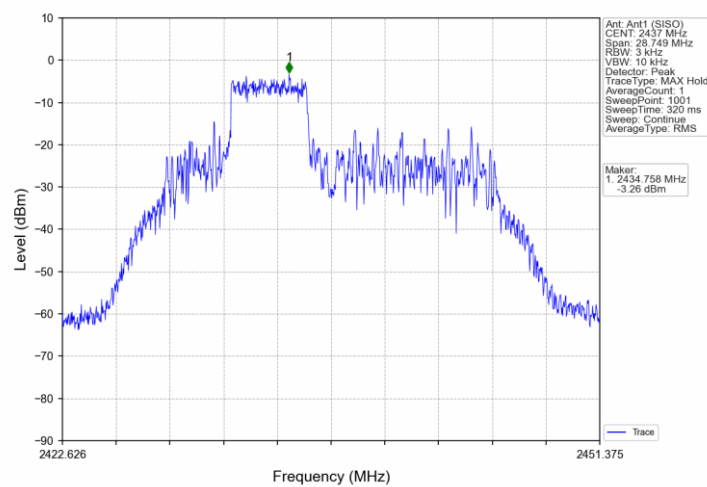
802.11ax(HEW20)_LCH_2412MHz_RU242_61_Ant1 (SISO)_NTNV



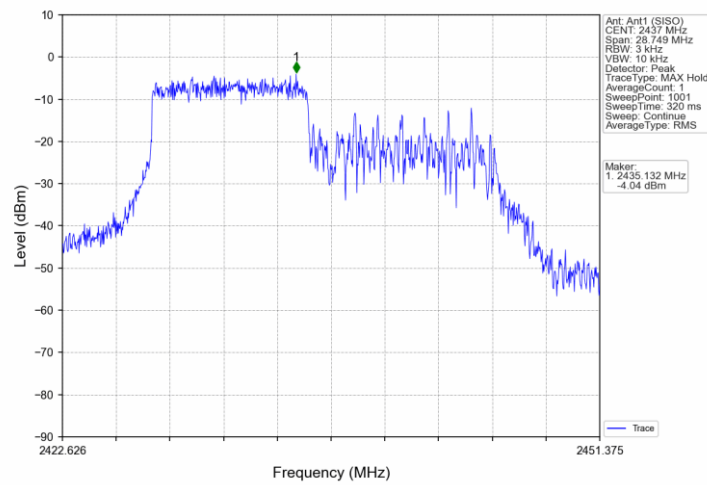
802.11ax(HEW20)_MCH_2437MHz_RU26_4_Ant1 (SISO)_NTNV



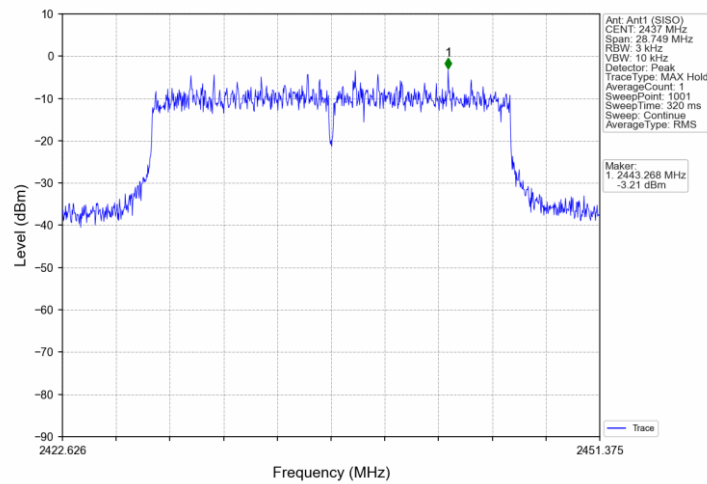
802.11ax(HEW20)_MCH_2437MHz_RU52_38_Ant1 (SISO)_NTNV



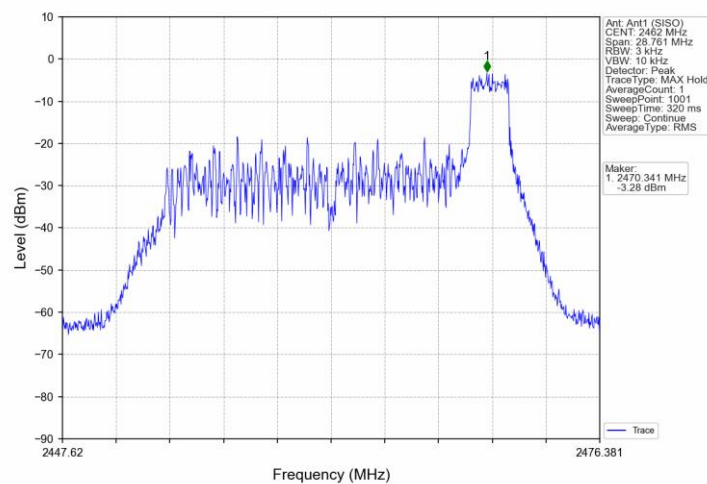
802.11ax(HEW20) MCH 2437MHz RU106 53 Ant1 (SISO) NTNV



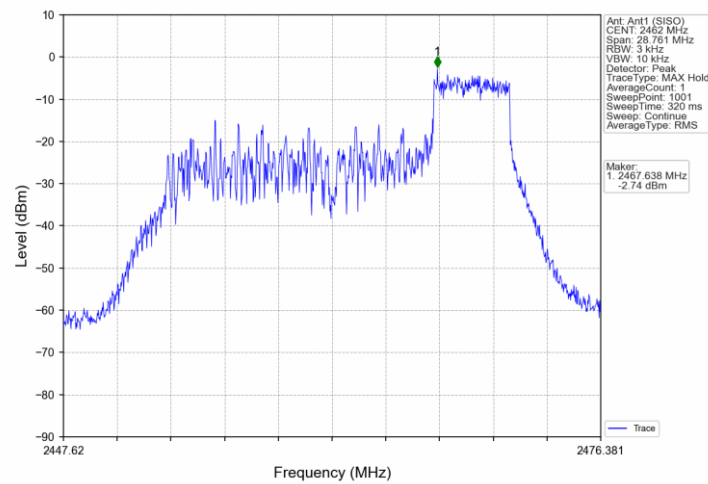
802.11ax(HEW20) MCH 2437MHz RU242 61 Ant1 (SISO) NTNV



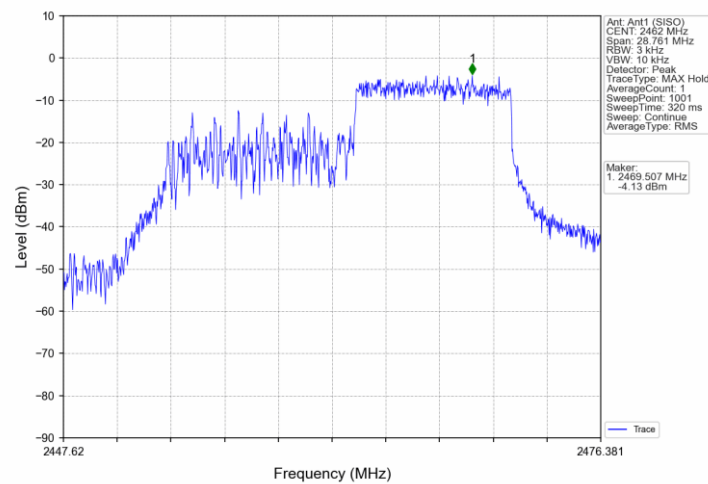
802.11ax(HEW20) HCH 2462MHz RU26 8 Ant1 (SISO) NTNV



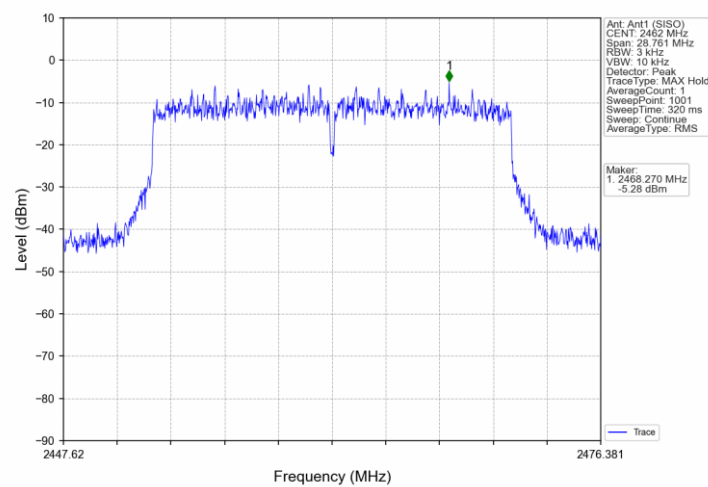
802.11ax(HEW20)_HCH_2462MHz_RU52_40_Ant1 (SISO)_NTNV



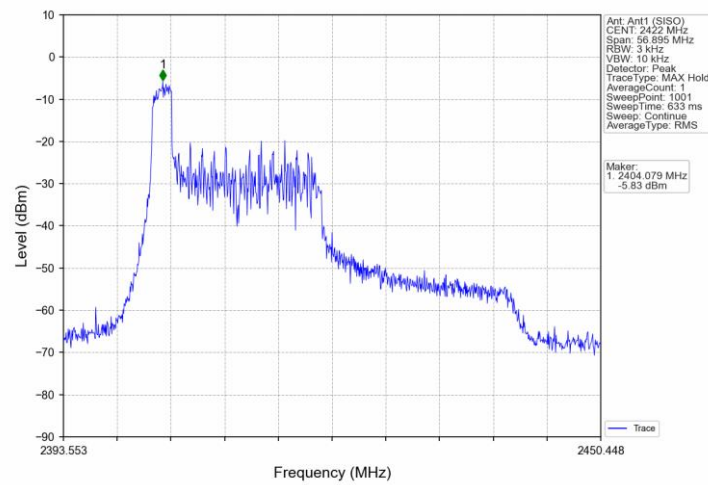
802.11ax(HEW20)_HCH_2462MHz_RU106_54_Ant1 (SISO)_NTNV



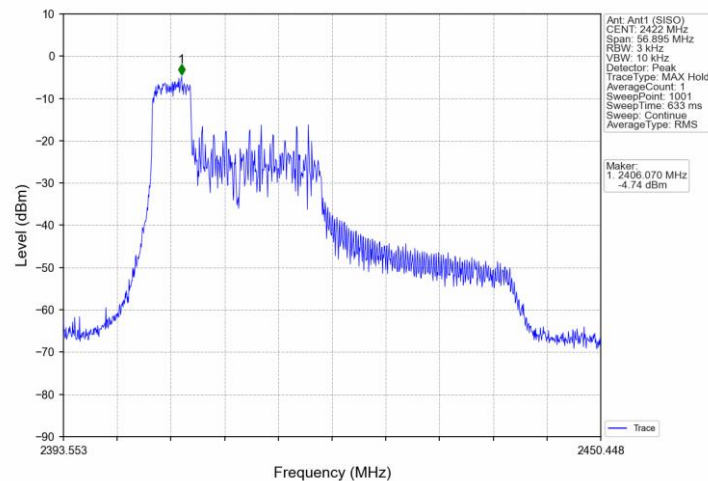
802.11ax(HEW20)_HCH_2462MHz_RU242_61_Ant1 (SISO)_NTNV



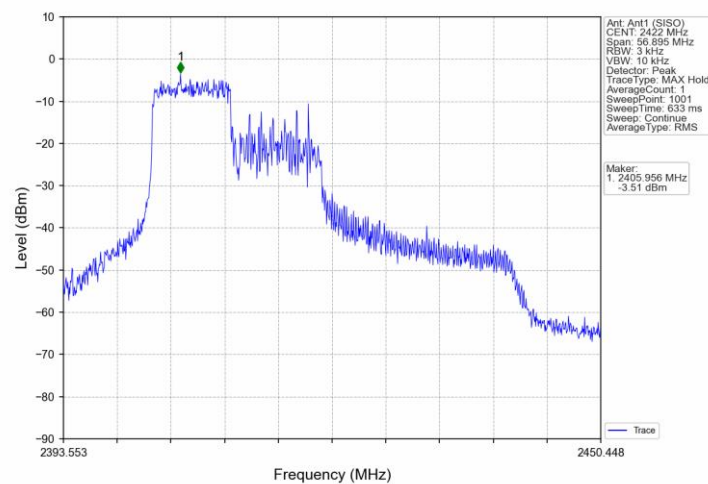
802.11ax(HEW40) LCH 2422MHz RU26 0 Ant1 (SISO) NTN



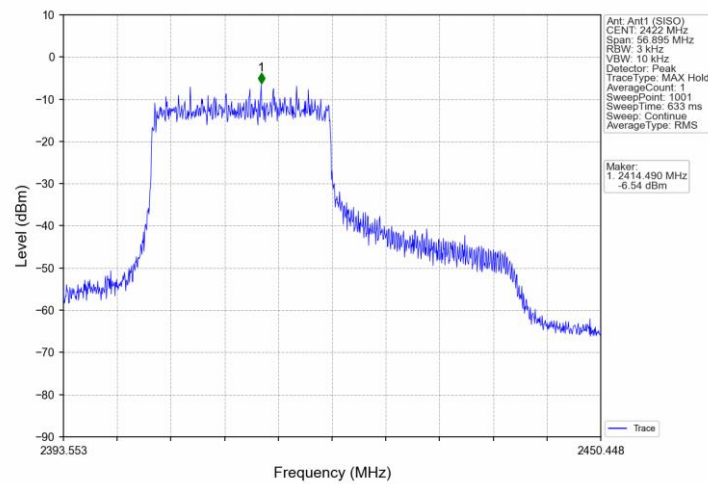
802.11ax(HEW40) LCH 2422MHz RU52 37 Ant1 (SISO) NTN



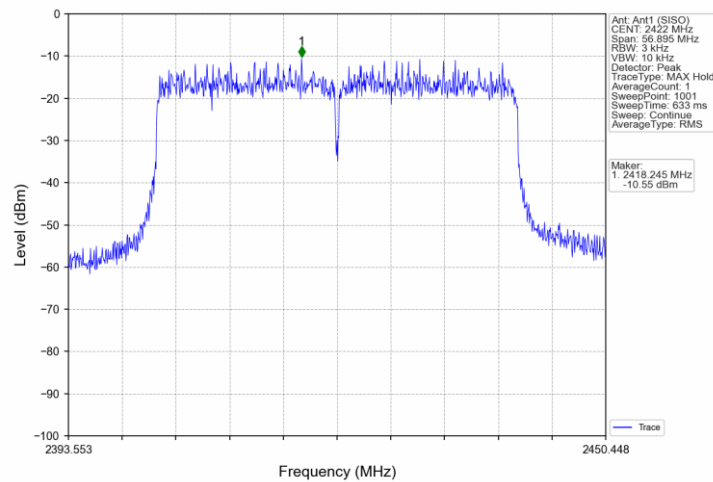
802.11ax(HEW40) LCH 2422MHz RU106 53 Ant1 (SISO) NTN



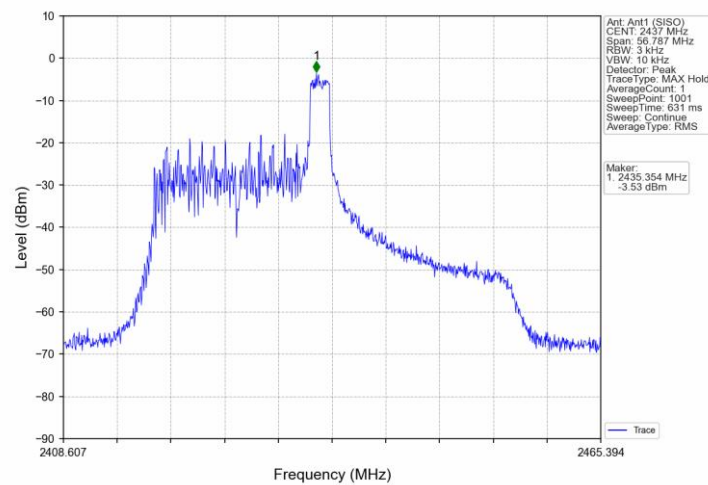
802.11ax(HEW40)_LCH_2422MHz_RU242_61_Ant1 (SISO)_NTNV



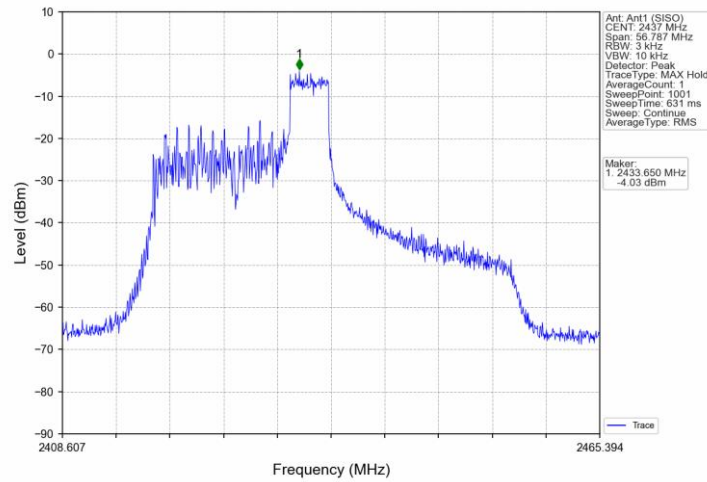
802.11ax(HEW40)_LCH_2422MHz_RU484_65_Ant1 (SISO)_NTNV



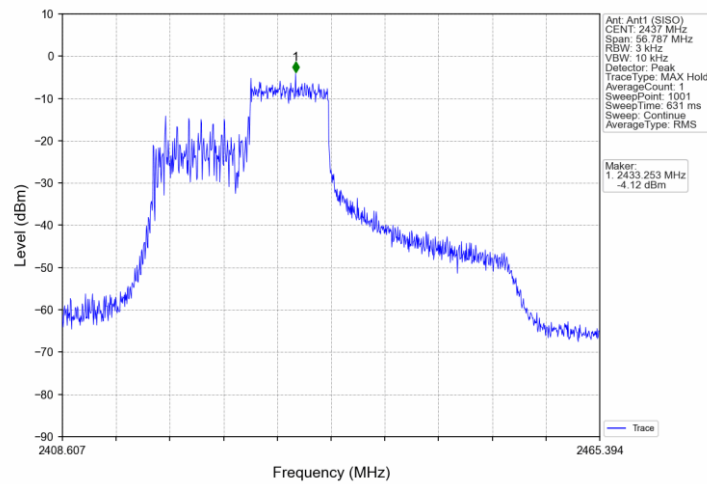
802.11ax(HEW40)_MCH_2437MHz_RU26_8_Ant1 (SISO)_NTNV



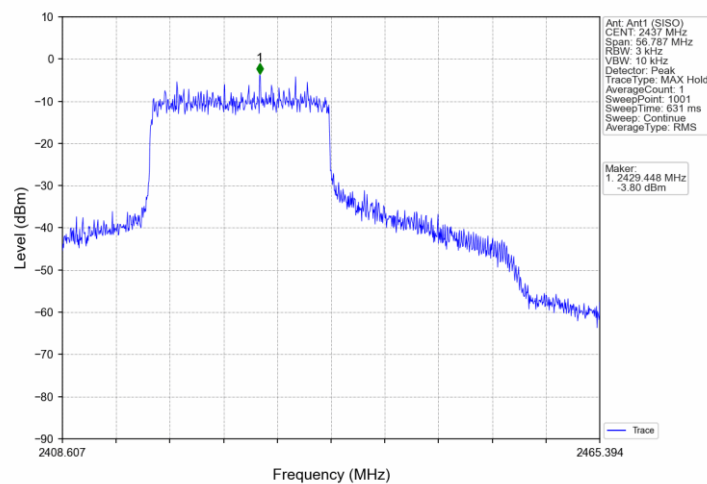
802.11ax(HEW40) MCH 2437MHz RU52 40 Ant1 (SISO) NTNV



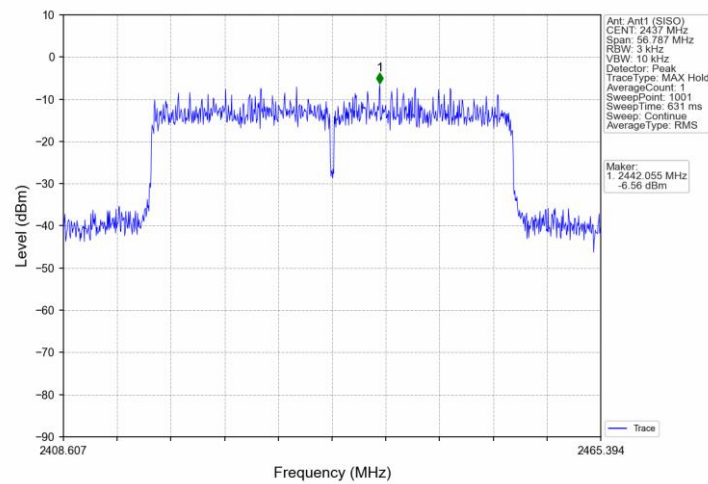
802.11ax(HEW40) MCH 2437MHz RU106 54 Ant1 (SISO) NTNV



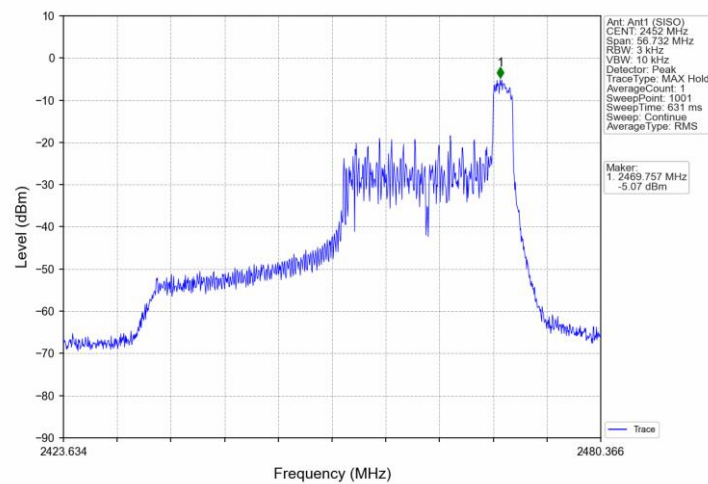
802.11ax(HEW40) MCH 2437MHz RU242 61 Ant1 (SISO) NTNV



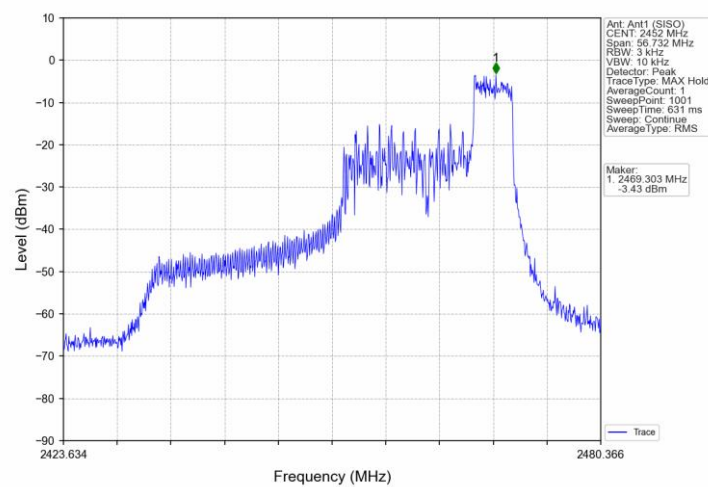
802.11ax(HEW40) MCH 2437MHz RU484 65 Ant1 (SISO) NTN



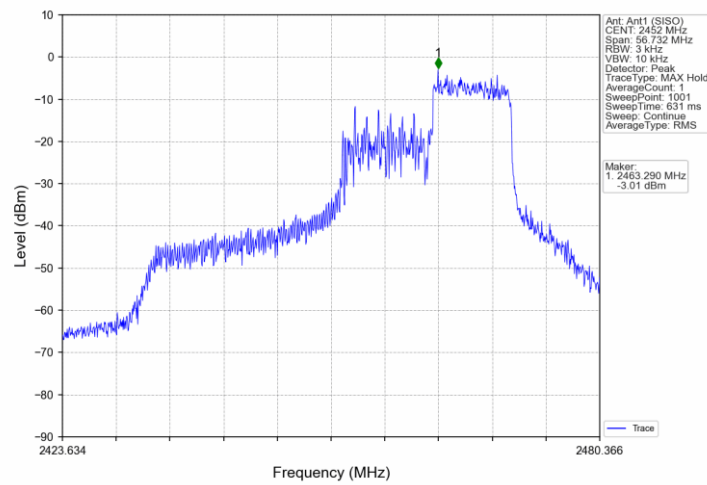
802.11ax(HEW40) HCH 2452MHz RU26 17 Ant1 (SISO) NTN



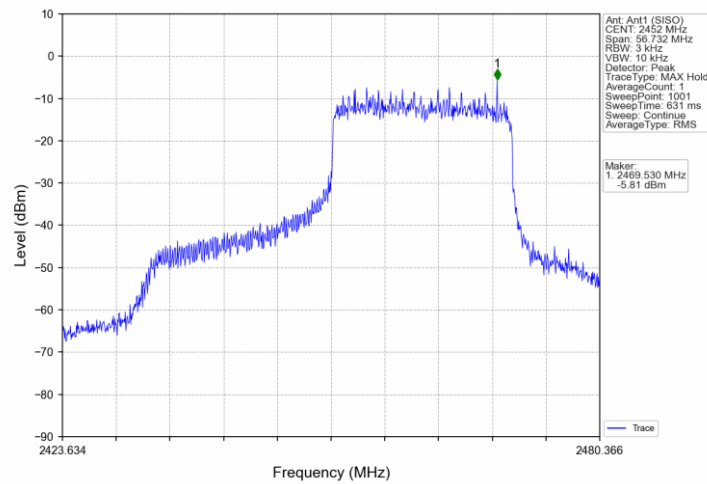
802.11ax(HEW40) HCH 2452MHz RU52 44 Ant1 (SISO) NTN



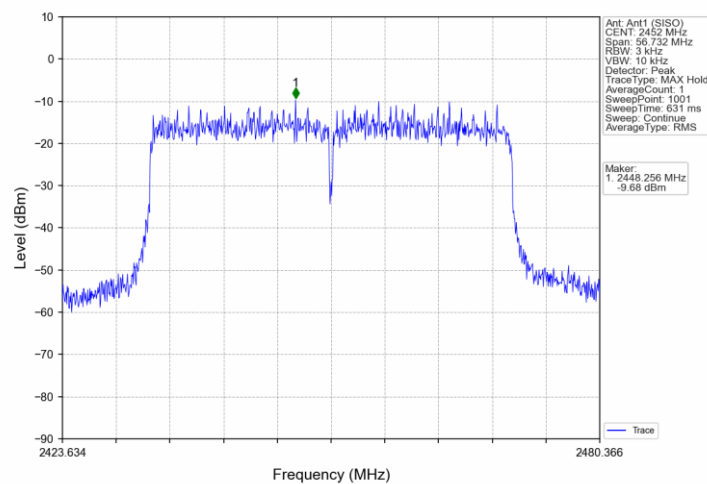
802.11ax(HEW40) HCH 2452MHz RU106 56 Ant1 (SISO) NTNV



802.11ax(HEW40) HCH 2452MHz RU242 62 Ant1 (SISO) NTNV



802.11ax(HEW40) HCH 2452MHz RU484 65 Ant1 (SISO) NTNV



9.5 Spurious RF Conducted Emissions

1. The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.
2. Set to the maximum power setting, the instrument center frequency is set to the nominal EUT channel center frequency enable the EUT transmit continuously.
3. Use the following spectrum analyzer settings:
Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.
RBW = 100 kHz, VBW $\geq$ 3RBW, Sweep = auto, Detector function = peak, Trace = max hold
4. Allow the trace to stabilize. Set the marker on the peak of any spurious emission recorded.
5. The level displayed must comply with the limit specified in this Section. Submit these plots.
6. Repeat above procedures until all frequencies measured were complete.

Limit

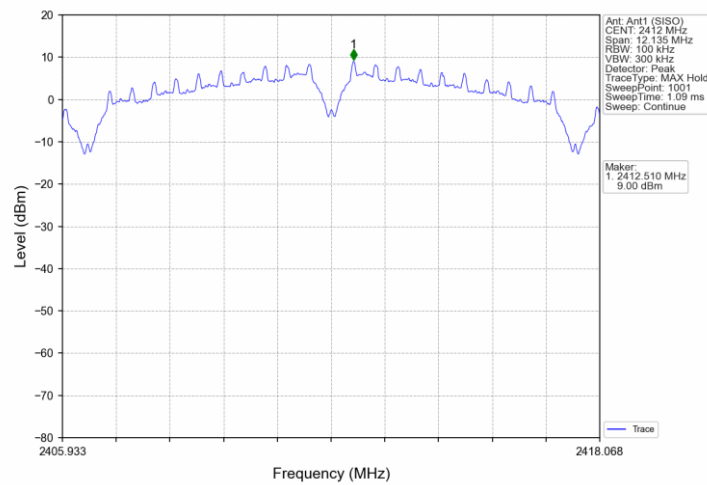
Frequency Range MHz	Limit (dBc)
30-25000	-20

Spurious RF conducted emissions

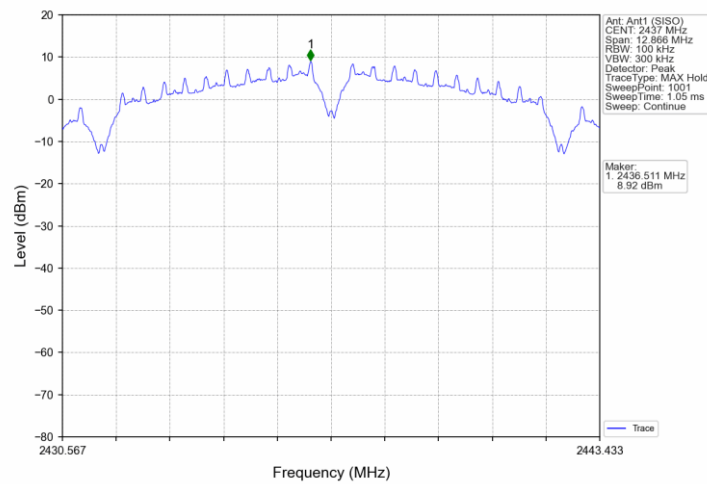
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	9.00
		2437	1	8.92
		2462	1	7.94
802.11g	SISO	2412	1	7.15
		2437	1	8.24
		2462	1	6.33
802.11n (HT20)	SISO	2412	1	7.17
		2437	1	8.24
		2462	1	5.42
802.11n (HT40)	SISO	2422	1	1.95
		2437	1	4.82
		2452	1	1.12

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11ax (HEW20)	SISO	2412	RU26	0	1	10.85
			RU52	37	1	11.55
			RU106	53	1	10.18
			RU242	61	1	9.96
		2437	RU26	4	1	11.28
			RU52	38	1	10.74
			RU106	53	1	10.67
			RU242	61	1	10.44
		2462	RU26	8	1	10.30
			RU52	40	1	10.85
			RU106	54	1	10.20
			RU242	61	1	9.12
802.11ax (HEW40)	SISO	2422	RU26	0	1	9.27
			RU52	37	1	10.02
			RU106	53	1	10.82
			RU242	61	1	7.25
			RU484	65	1	3.34
		2437	RU26	8	1	10.57
			RU52	40	1	11.01
			RU106	54	1	9.82
			RU242	61	1	10.06
			RU484	65	1	7.15
		2452	RU26	17	1	10.22
			RU52	44	1	11.02
			RU106	56	1	11.36
			RU242	62	1	8.00
			RU484	65	1	3.93

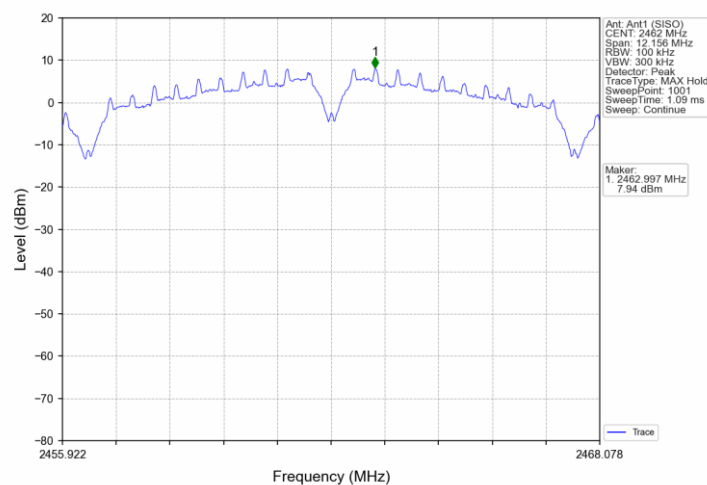
802.11b_LCH_2412MHz_Ant1 (SISO) NTN



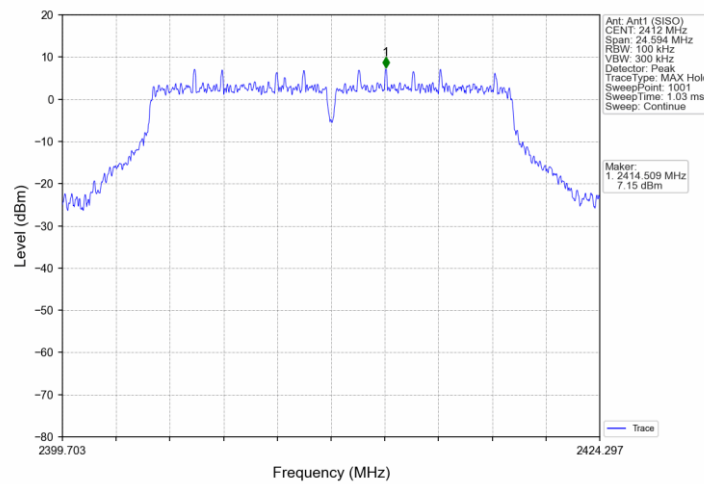
802.11b_MCH_2437MHz_Ant1 (SISO) NTN



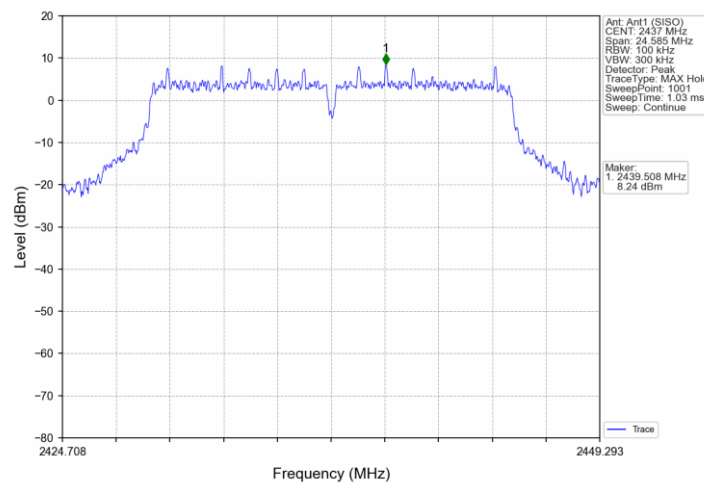
802.11b_HCH_2462MHz_Ant1 (SISO) NTN



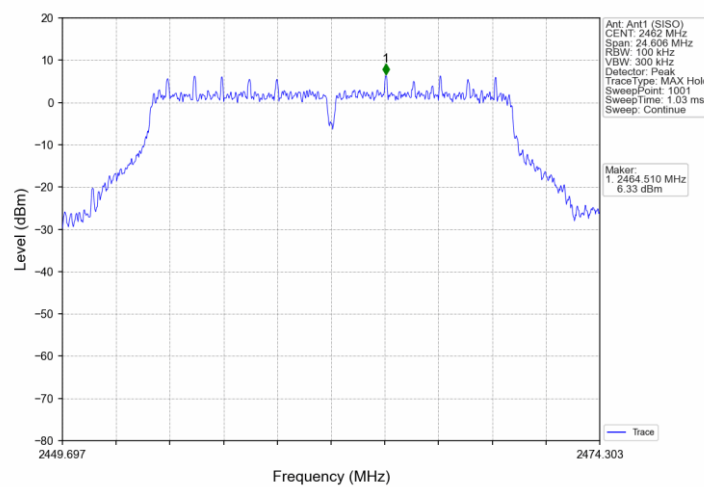
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



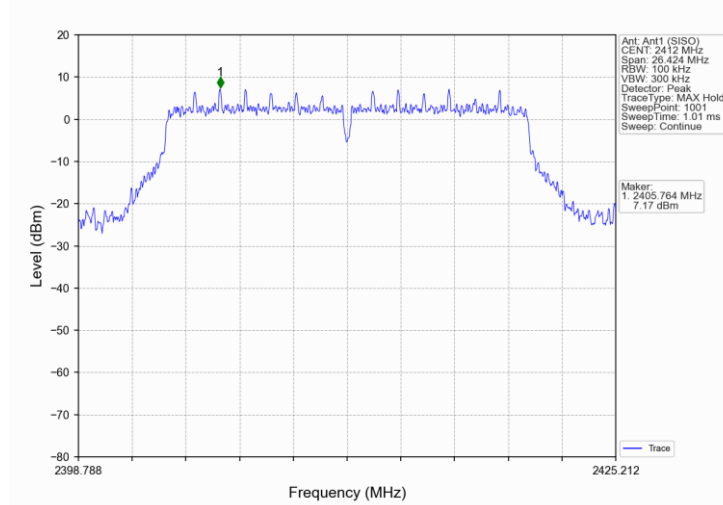
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



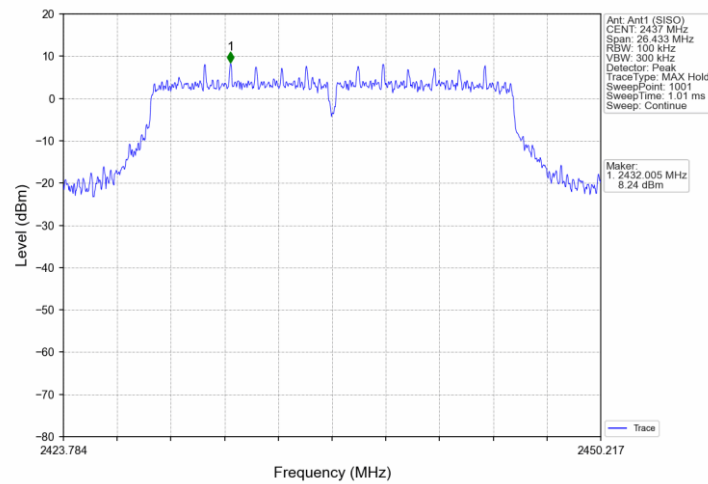
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



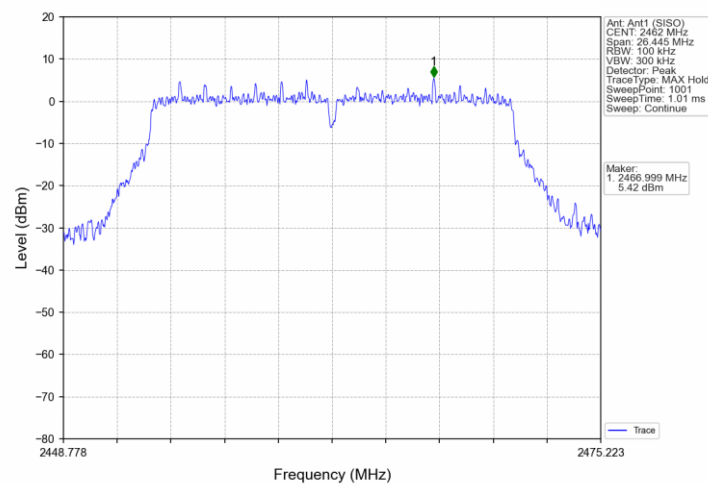
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTV



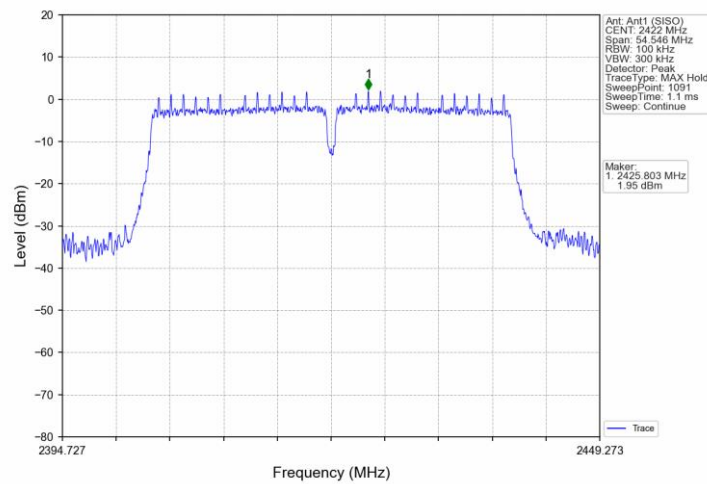
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTV



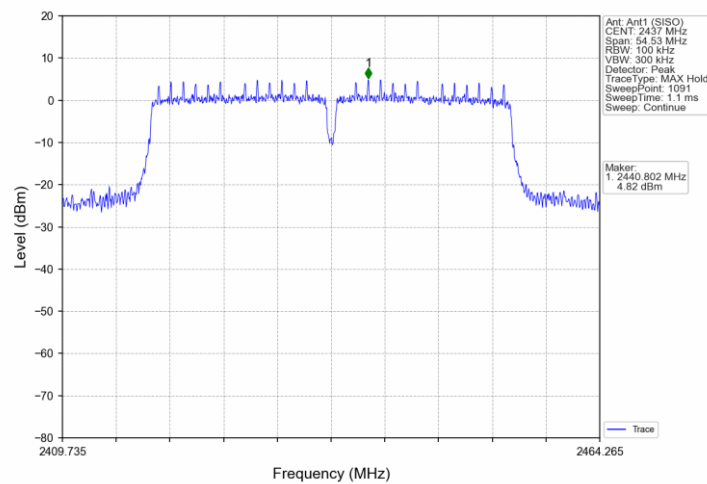
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTV



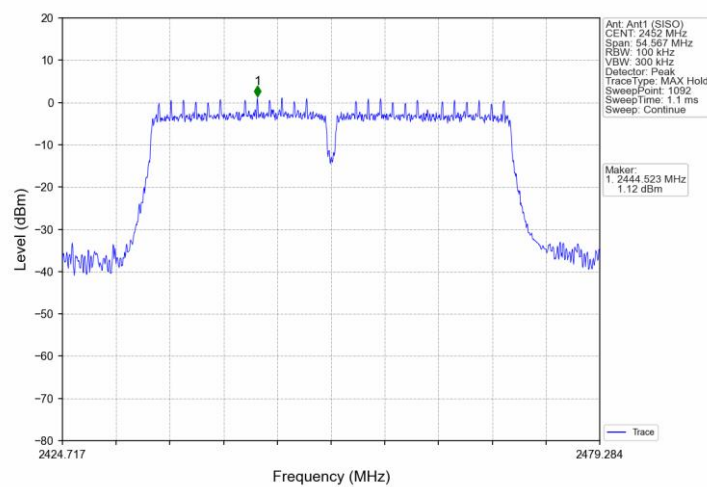
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



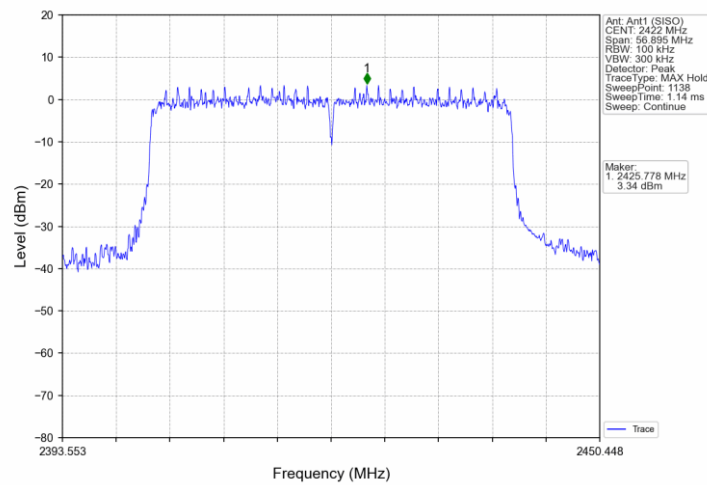
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



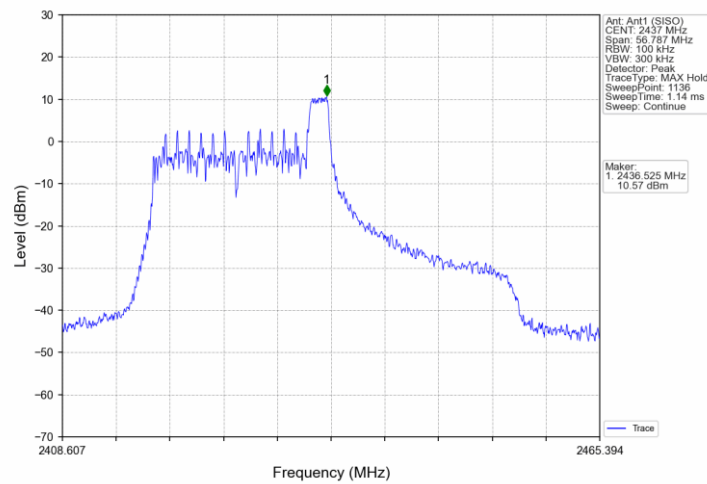
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



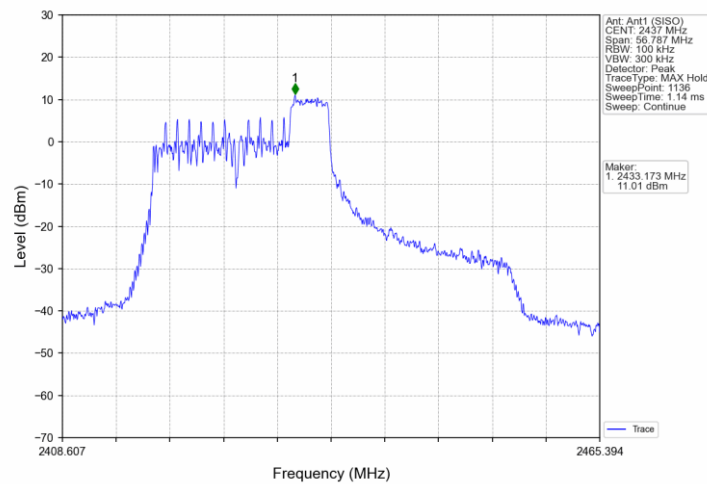
802.11ax(HEW40) LCH 2422MHz RU484 65 Ant1 (SISO) NTN



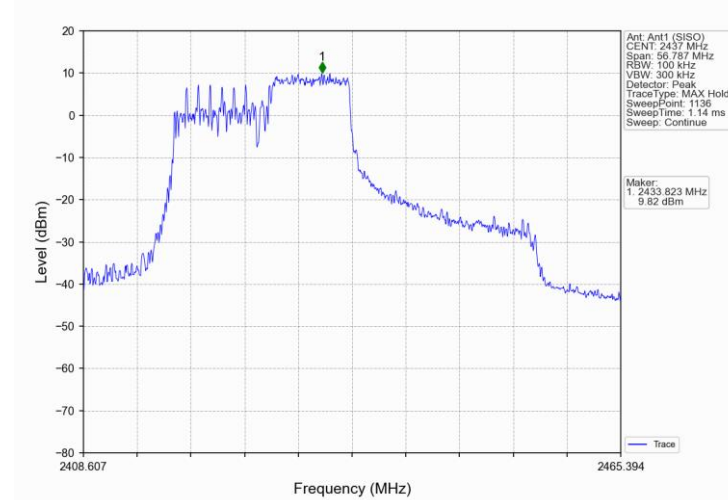
802.11ax(HEW40) MCH 2437MHz RU26 8 Ant1 (SISO) NTN



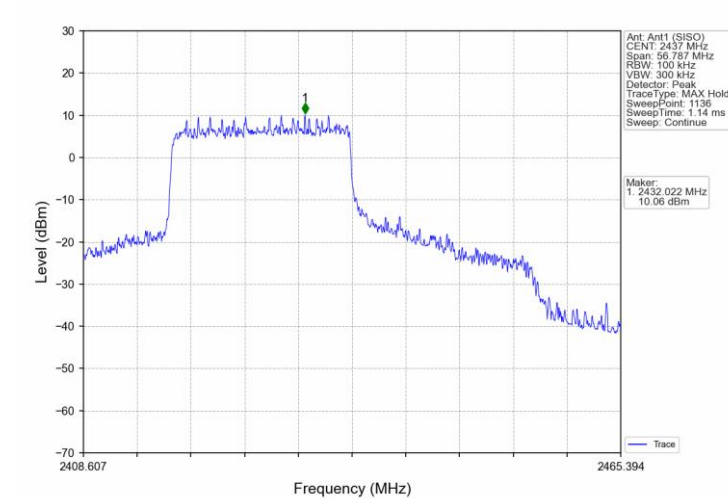
802.11ax(HEW40) MCH 2437MHz RU52 40 Ant1 (SISO) NTN



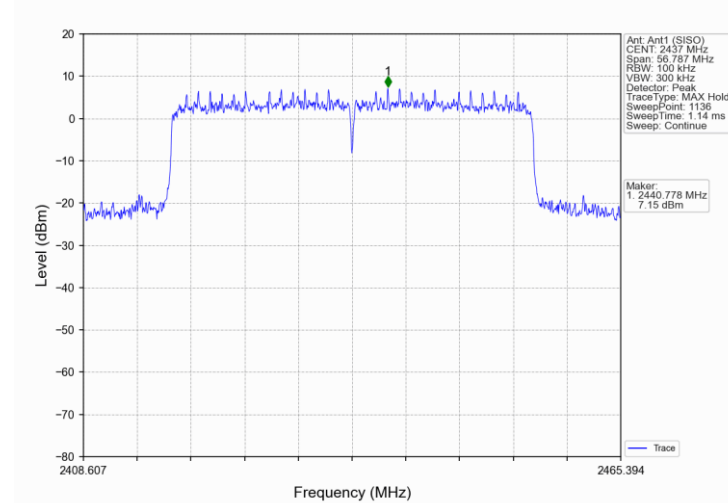
802.11ax(HEW40) MCH_2437MHz RU106_54_Ant1 (SISO) NTNV



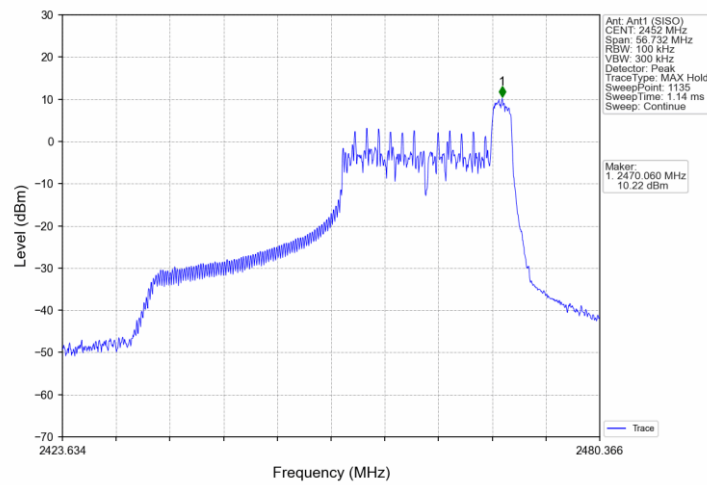
802.11ax(HEW40) MCH_2437MHz RU242_61_Ant1 (SISO) NTNV



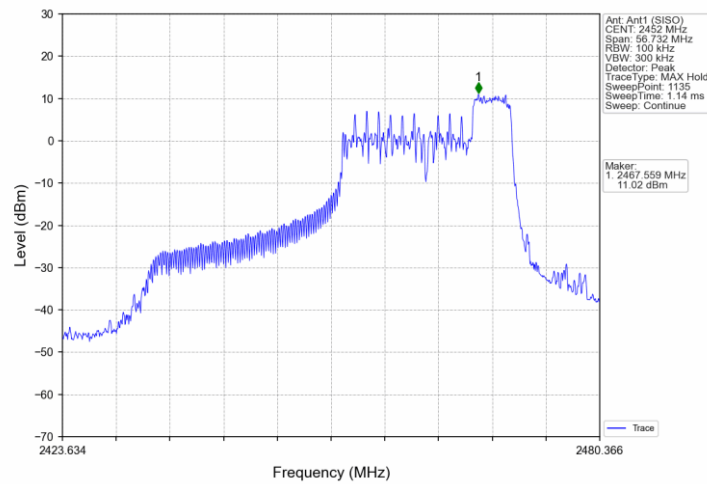
802.11ax(HEW40) MCH_2437MHz RU484_65_Ant1 (SISO) NTNV



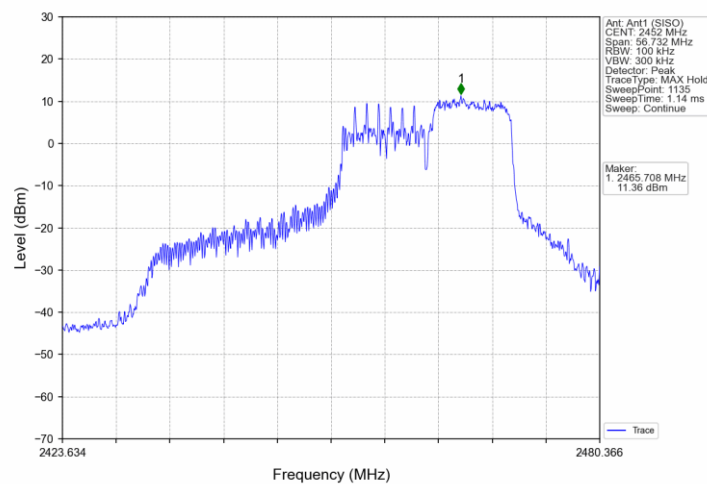
802.11ax(HEW40) HCH 2452MHz RU26 17 Ant1 (SISO) NTN



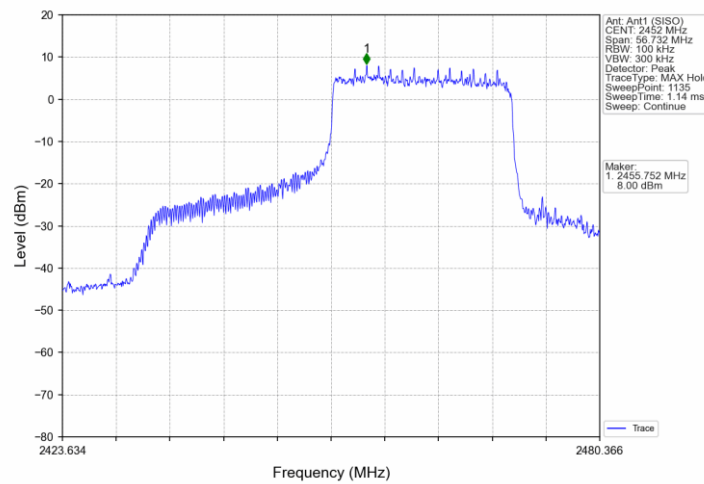
802.11ax(HEW40) HCH 2452MHz RU52 44 Ant1 (SISO) NTN



802.11ax(HEW40) HCH 2452MHz RU106 56 Ant1 (SISO) NTN



802.11ax(HEW40) HCH 2452MHz RU242 62 Ant1 (SISO) NTNV



802.11ax(HEW40) HCH 2452MHz RU484 65 Ant1 (SISO) NTNV

