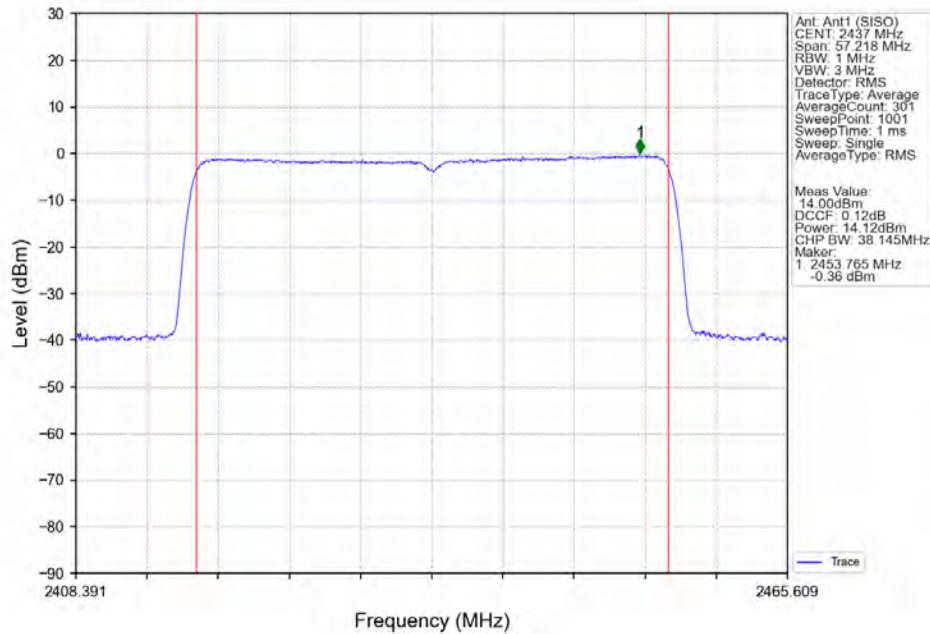
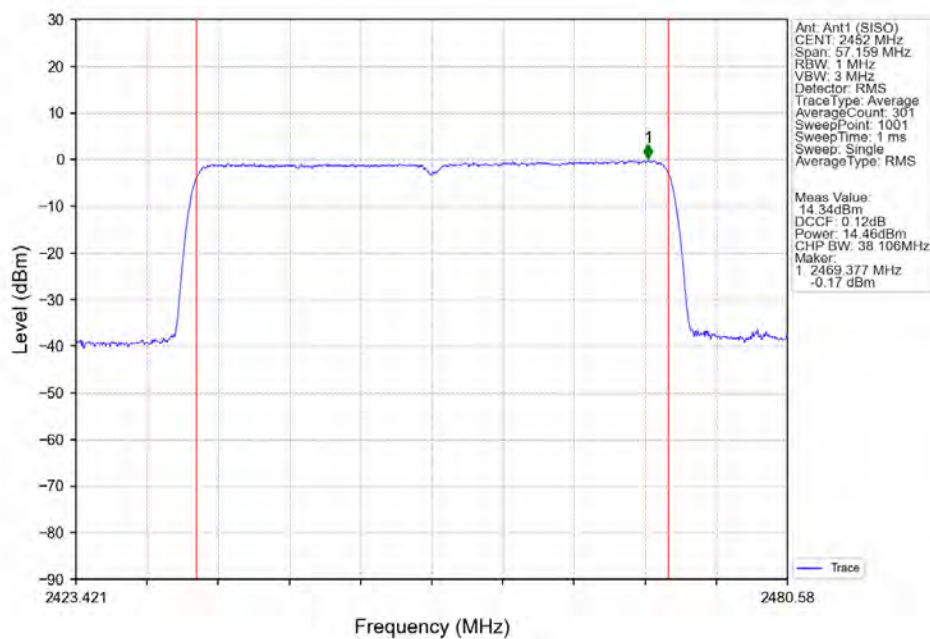


802.11ax(HE40) MCH_2437MHz_RU484_Left_Ant1(SISO)_NTNV



802.11ax(HE40) HCH_2452MHz_RU484_Left_Ant1(SISO)_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

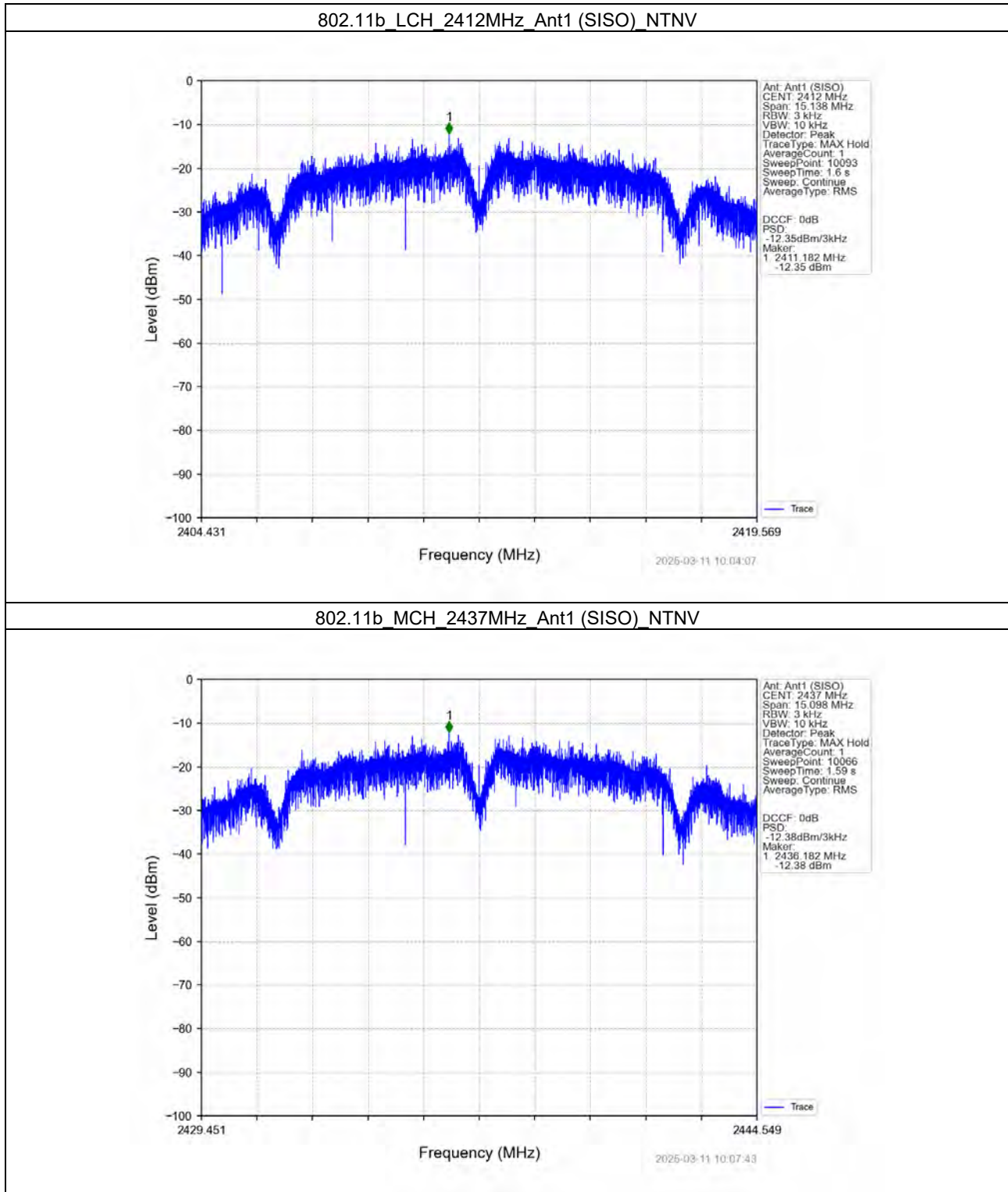
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	-12.35	<=8	Pass
		2437	/	/	-12.38	<=8	Pass
		2462	/	/	-11.89	<=8	Pass
802.11g	SISO	2412	/	/	-12.74	<=8	Pass
		2437	/	/	-12.89	<=8	Pass
		2462	/	/	-11.60	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-13.04	<=8	Pass
		2437	/	/	-12.72	<=8	Pass
		2462	/	/	-12.22	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-13.94	<=8	Pass
		2437	/	/	-13.72	<=8	Pass
		2452	/	/	-14.52	<=8	Pass
802.11ax (HE20)	SISO	2412	RU242	Left	-12.55	<=8	Pass
		2437	RU242	Left	-12.63	<=8	Pass
		2462	RU242	Left	-11.54	<=8	Pass
802.11ax (HE40)	SISO	2422	RU484	Left	-15.05	<=8	Pass
		2437	RU484	Left	-14.29	<=8	Pass
		2452	RU484	Left	-14.27	<=8	Pass

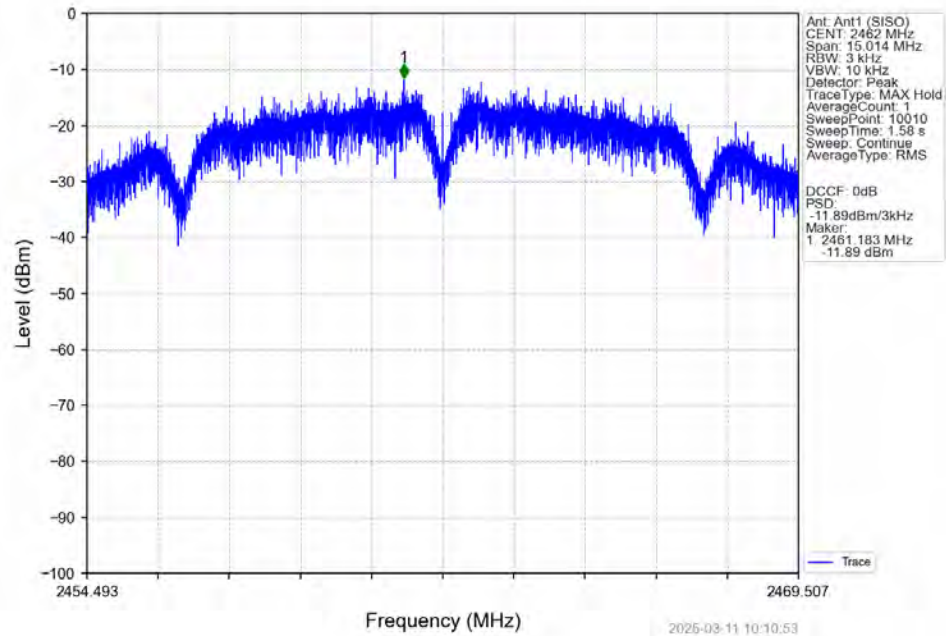
Note1: Antenna Gain: Ant1: 3.30dBi;

4.2 Test Graph

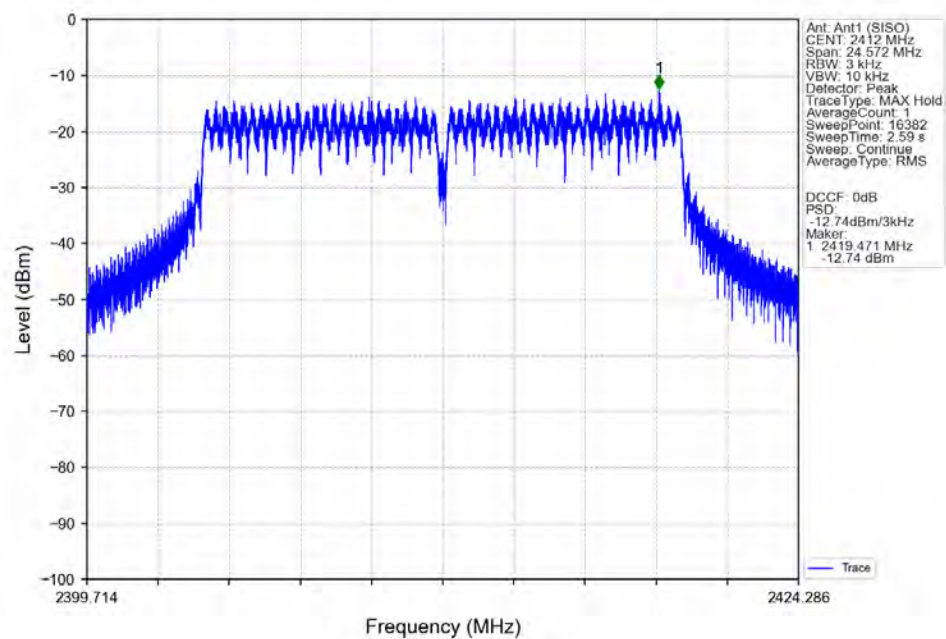
4.2.1 PSD



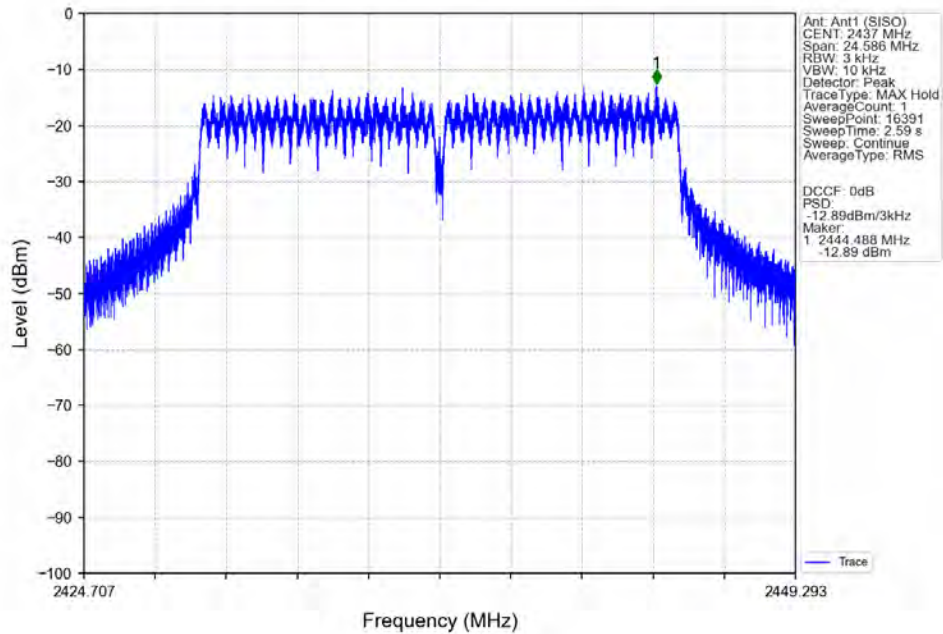
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



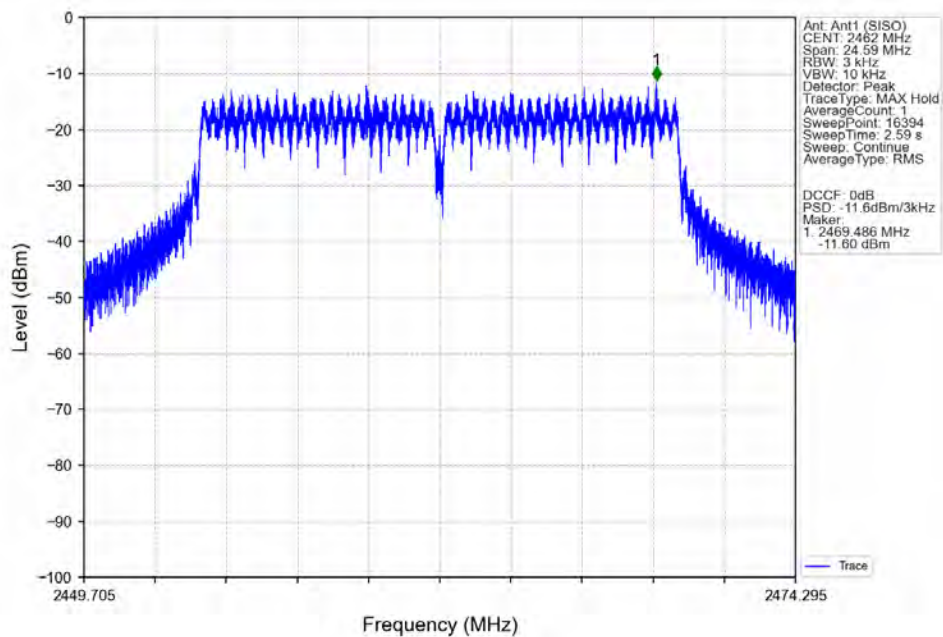
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



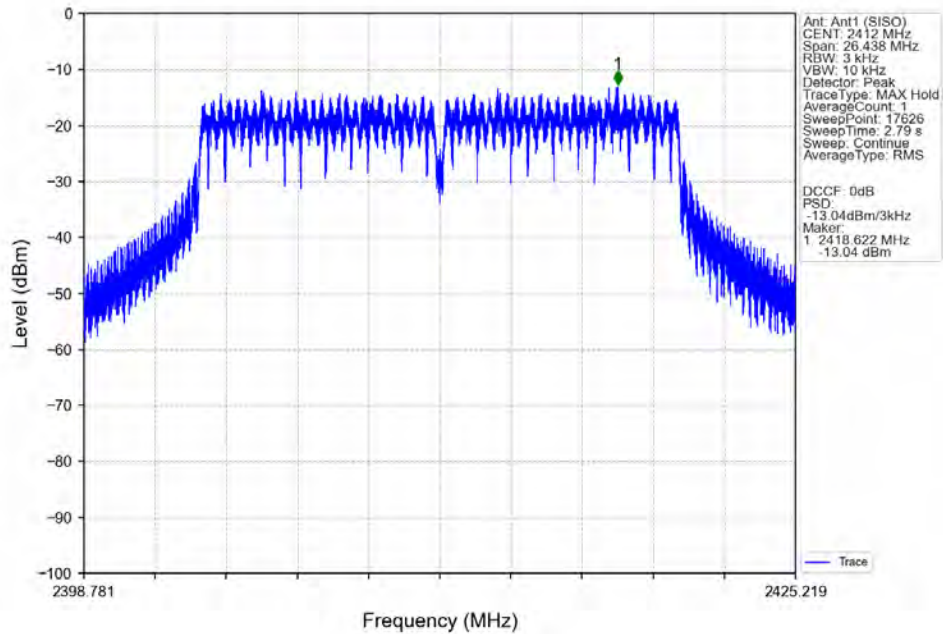
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



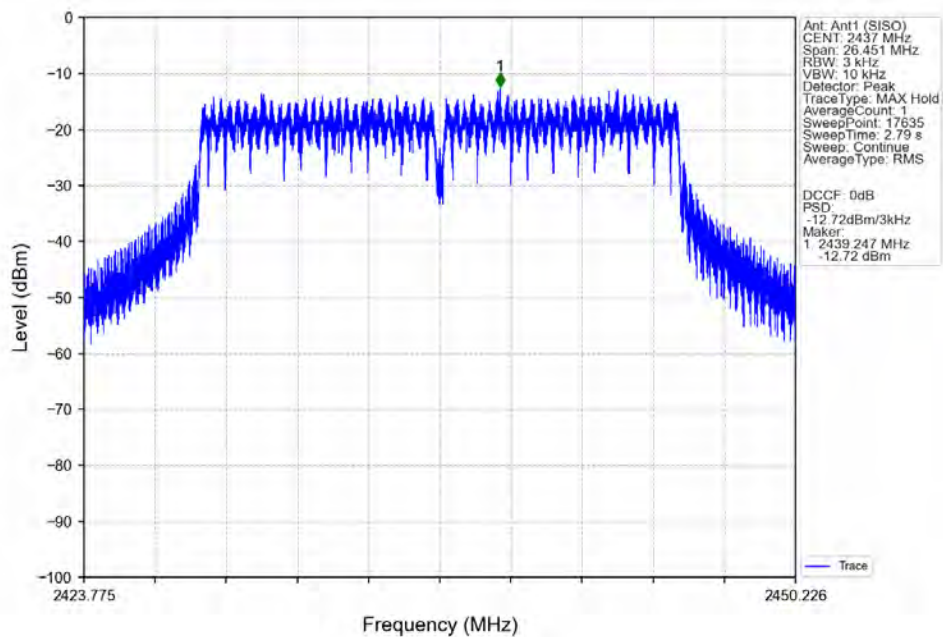
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



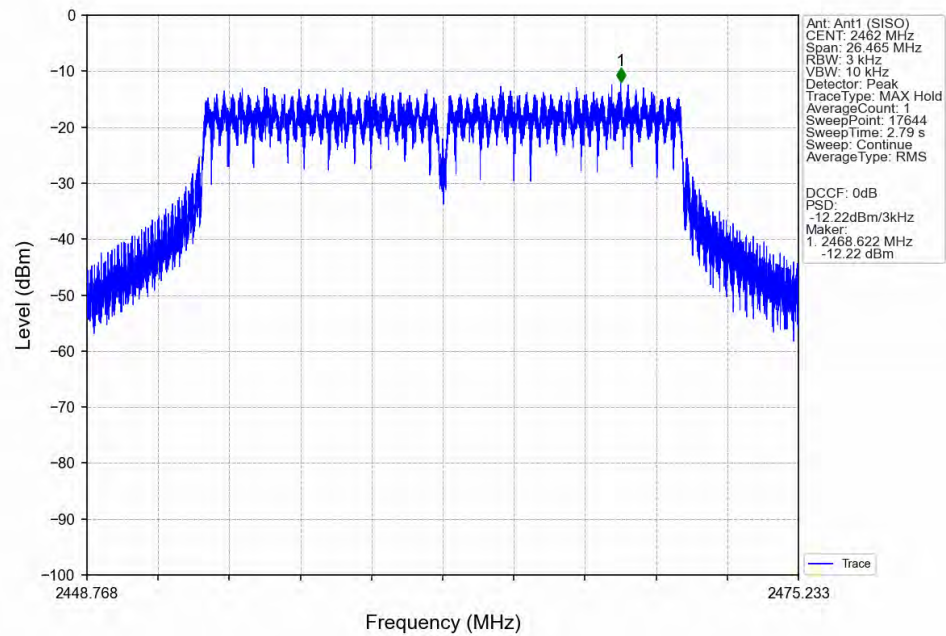
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



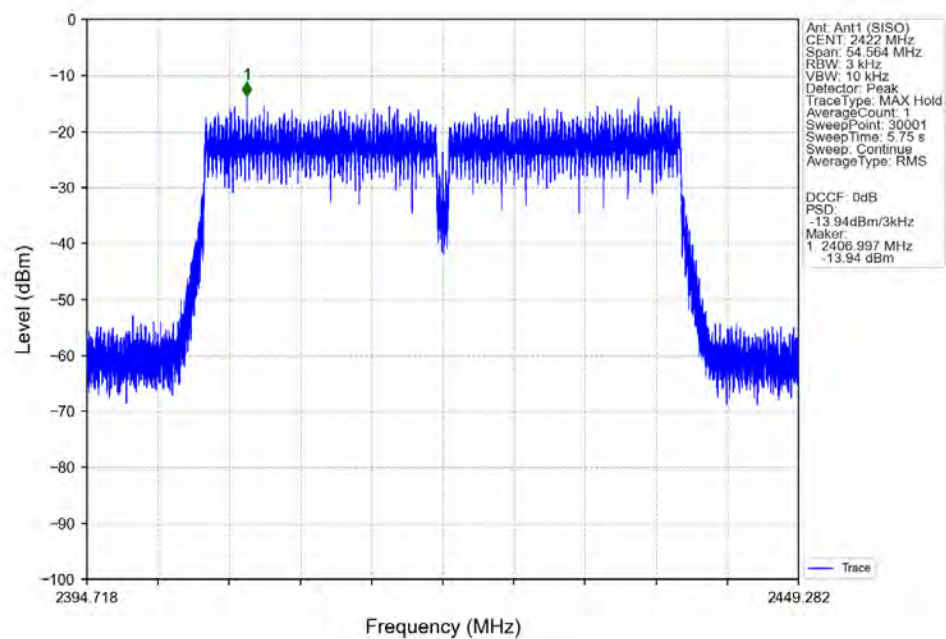
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



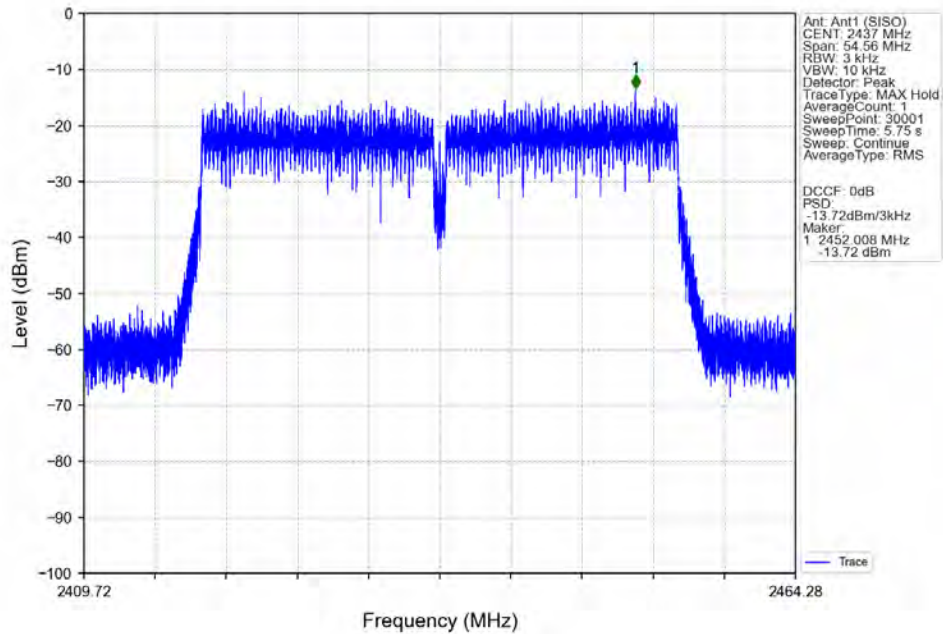
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN



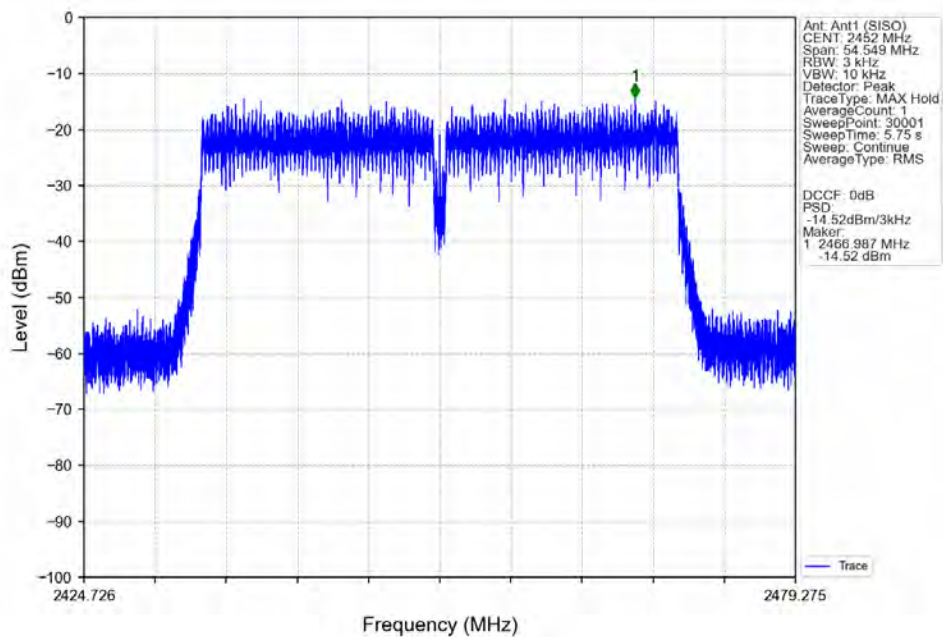
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



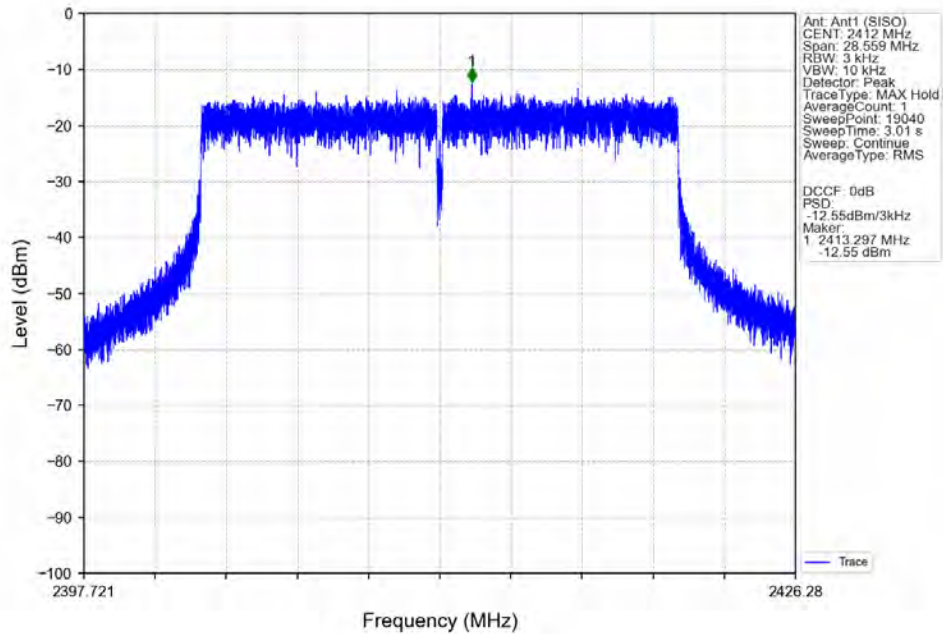
802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



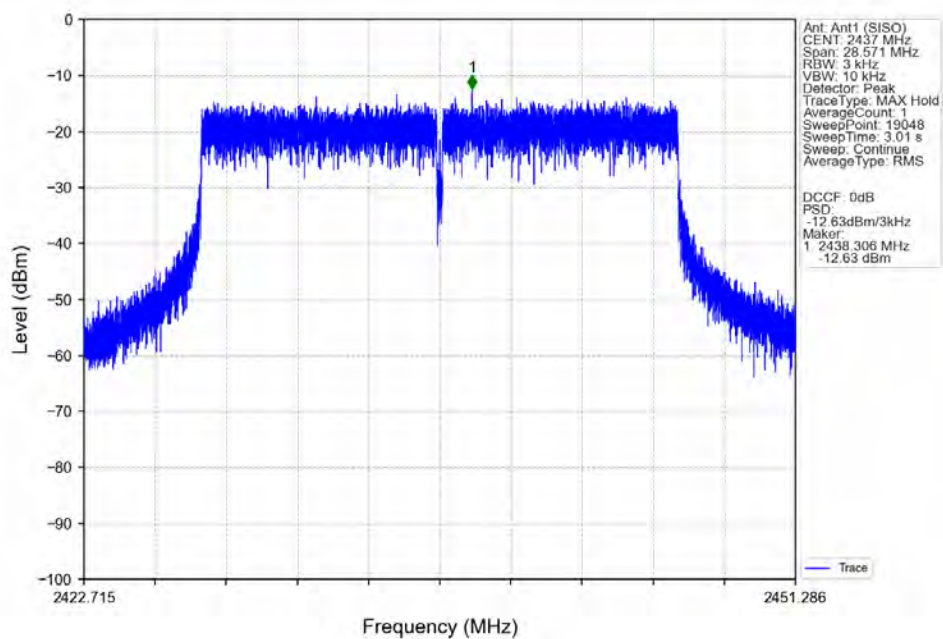
802.11n(HT40) HCH_2452MHz_Ant1 (SISO) NTN



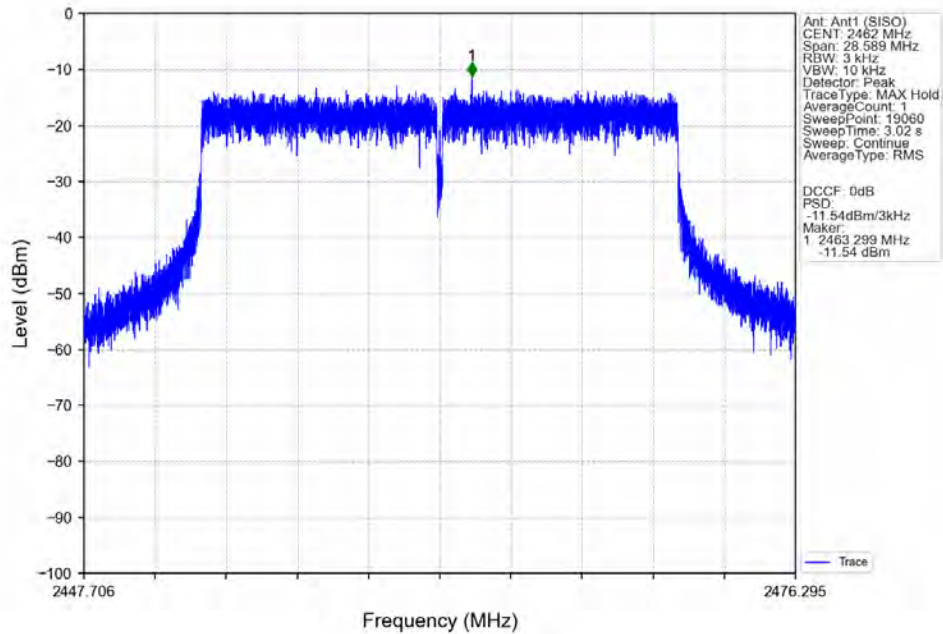
802.11ax(HE20) LCH_2412MHz_RU242_Left_Ant1 (SISO) NTNV



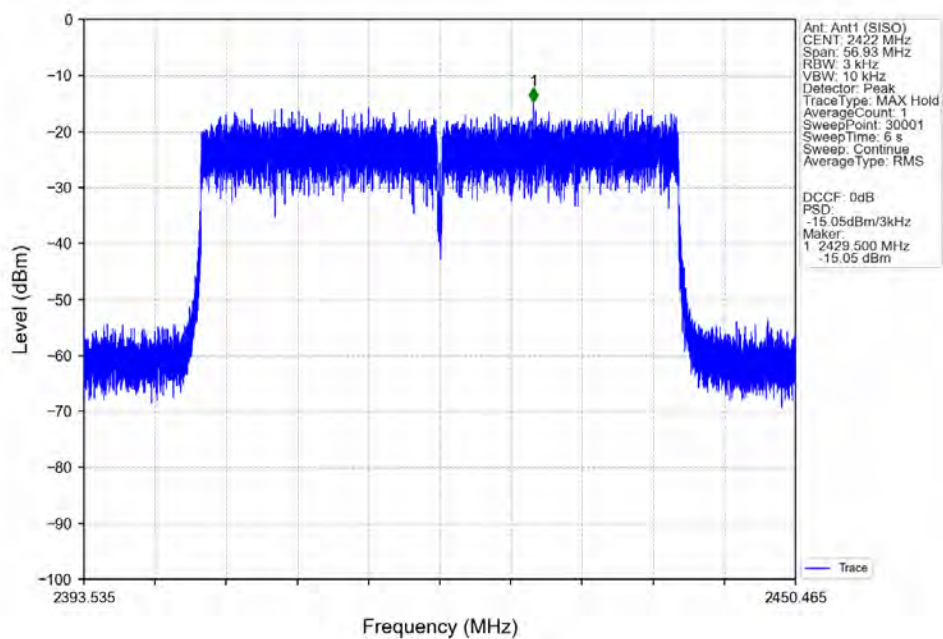
802.11ax(HE20) MCH_2437MHz_RU242_Left_Ant1 (SISO) NTNV



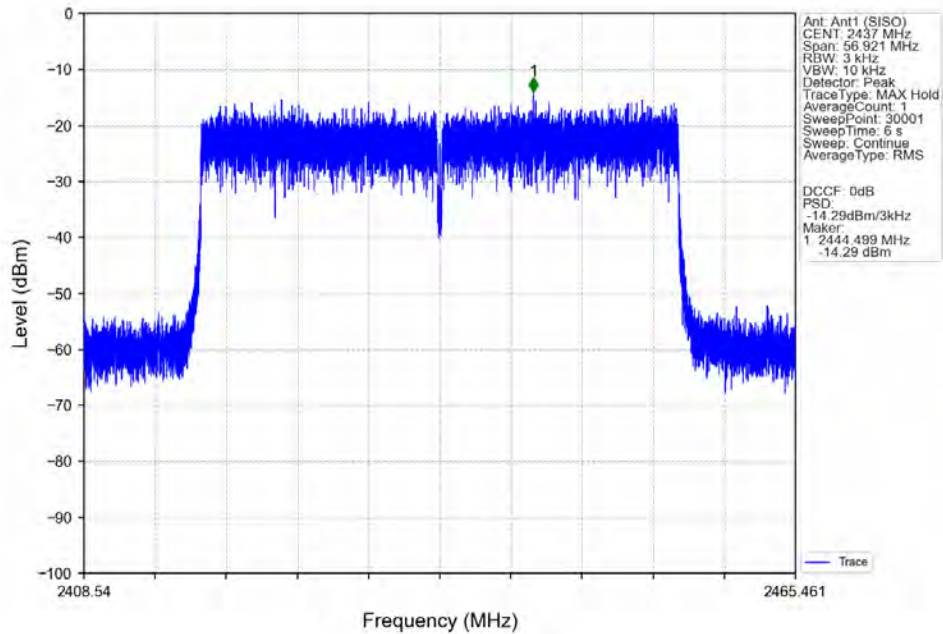
802.11ax(HE20) HCH 2462MHz RU242 Left Ant1 (SISO) NTN



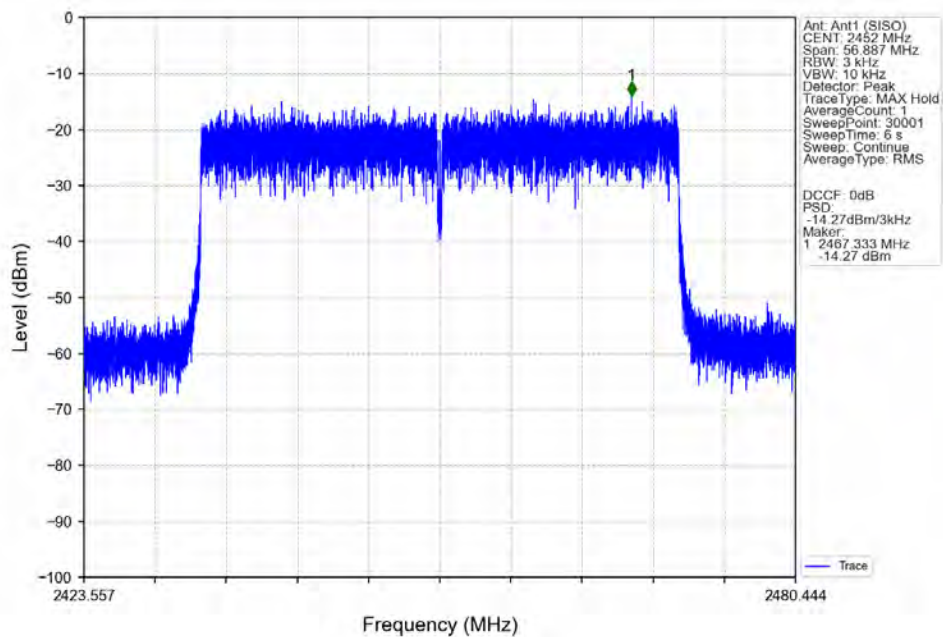
802.11ax(HE40) LCH 2422MHz RU484 Left Ant1 (SISO) NTN



802.11ax(HE40) MCH_2437MHz_RU484_Left_Ant1(SISO)_NTNV



802.11ax(HE40) HCH_2452MHz_RU484_Left_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	1.20
		2437	/	/	1	1.66
		2462	/	/	1	1.95
802.11g	SISO	2412	/	/	1	3.23
		2437	/	/	1	3.22
		2462	/	/	1	3.55
802.11n (HT20)	SISO	2412	/	/	1	3.10
		2437	/	/	1	3.01
		2462	/	/	1	3.57
802.11n (HT40)	SISO	2422	/	/	1	-0.82
		2437	/	/	1	-0.28
		2452	/	/	1	-0.18
802.11ax (HE20)	SISO	2412	RU242	Left	1	2.54
		2437	RU242	Left	1	3.04
		2462	RU242	Left	1	3.26
802.11ax (HE40)	SISO	2422	RU484	Left	1	-1.15
		2437	RU484	Left	1	-0.57
		2452	RU484	Left	1	-0.58

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

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	1.95	-28.05	Pass
		2437	/	/	1	1.95	-28.05	Pass
		2462	/	/	1	1.95	-28.05	Pass
802.11g	SISO	2412	/	/	1	2.62	-27.38	Pass
		2437	/	/	1	2.62	-27.38	Pass
		2462	/	/	1	2.62	-27.38	Pass
802.11n (HT20)	SISO	2412	/	/	1	2.66	-27.34	Pass
		2437	/	/	1	2.66	-27.34	Pass
		2462	/	/	1	2.66	-27.34	Pass
802.11n (HT40)	SISO	2422	/	/	1	-1.11	-31.11	Pass
		2437	/	/	1	-1.11	-31.11	Pass
		2452	/	/	1	-1.11	-31.11	Pass
802.11ax (HE20)	SISO	2412	RU242	Left	1	2.33	-27.67	Pass
		2437	RU242	Left	1	2.33	-27.67	Pass
		2462	RU242	Left	1	2.33	-27.67	Pass



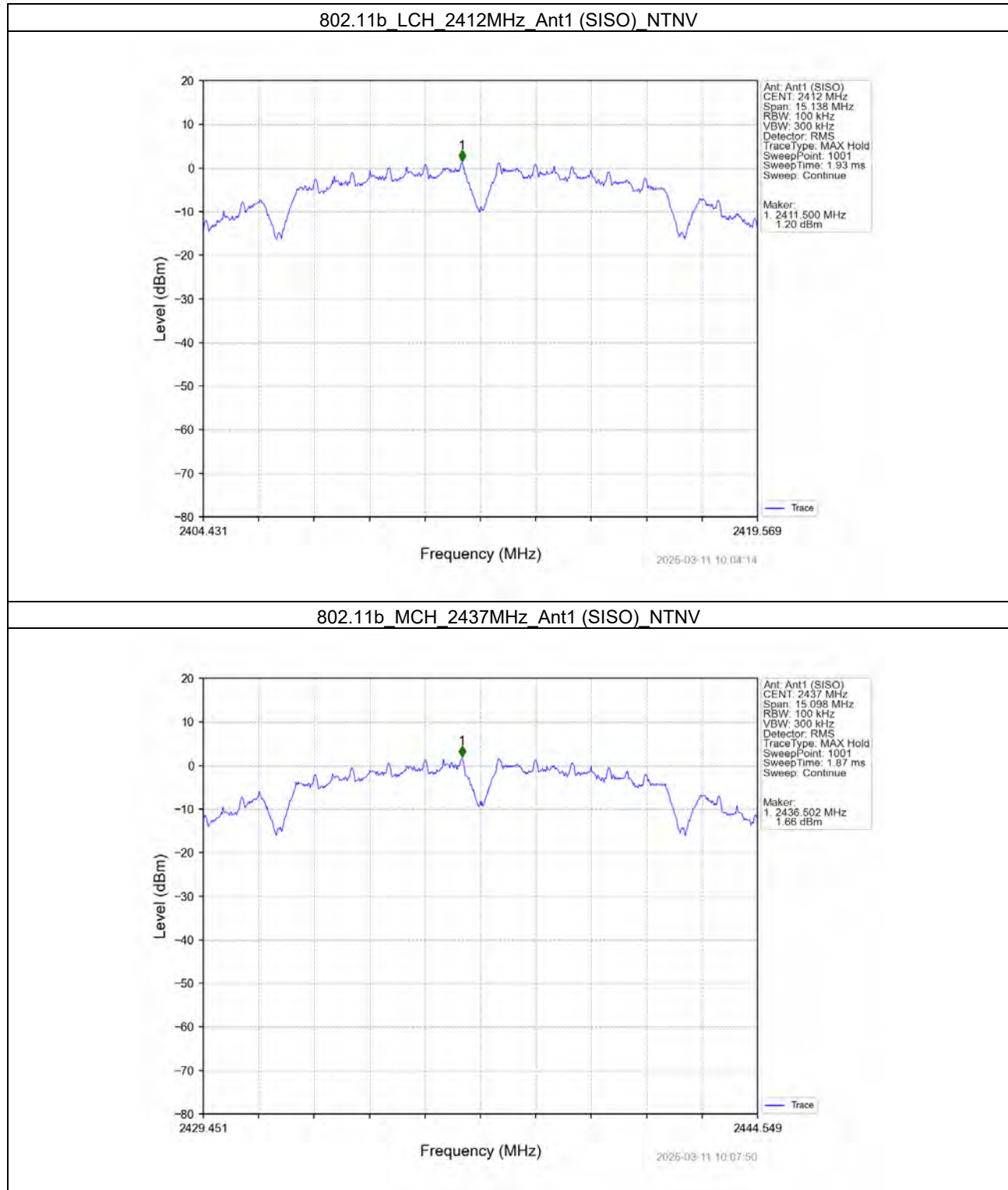
Report No.: KSCR250100008901

Page: 200 of 299

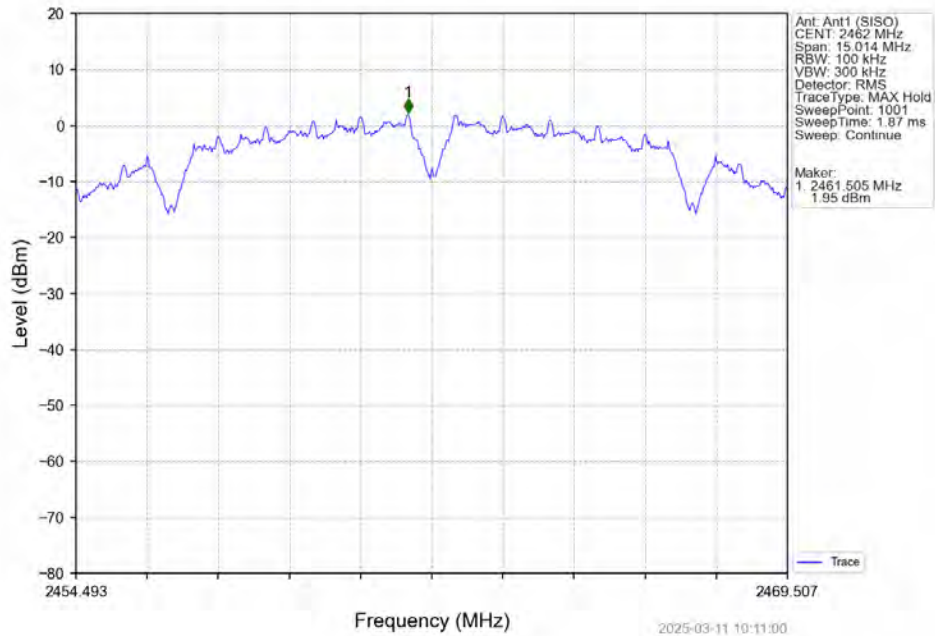
802.11ax (HE40)	SISO	2422	RU484	Left	1	-1.46	-31.46	Pass
		2437	RU484	Left	1	-1.46	-31.46	Pass
		2452	RU484	Left	1	-1.46	-31.46	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.								

5.2 Test Graph

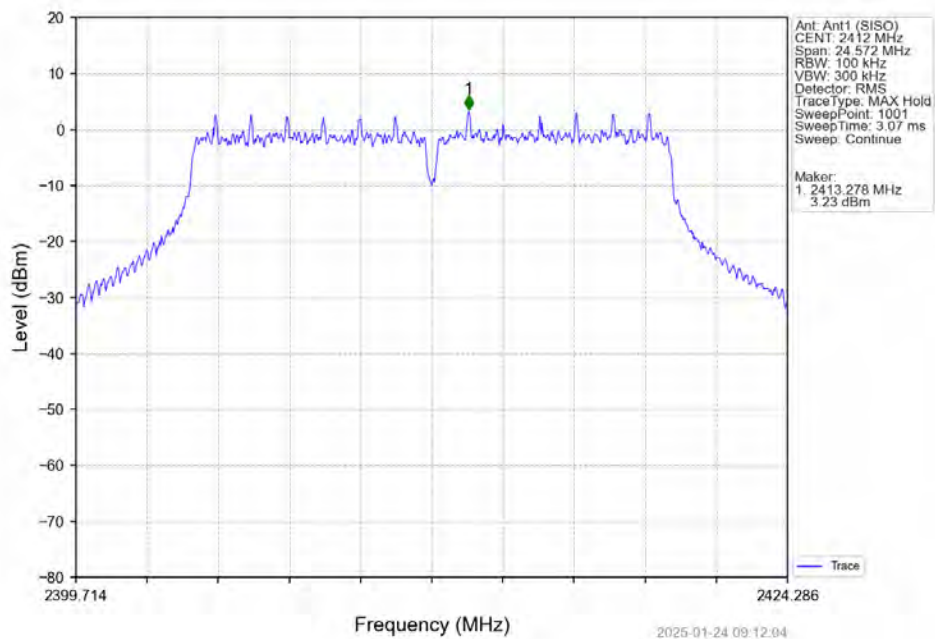
5.2.1 Ref



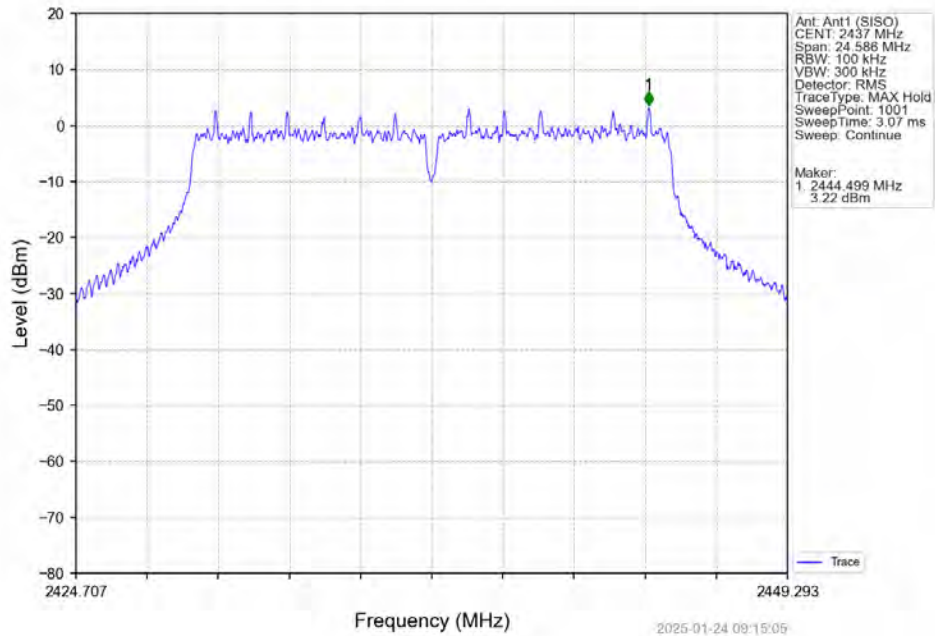
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



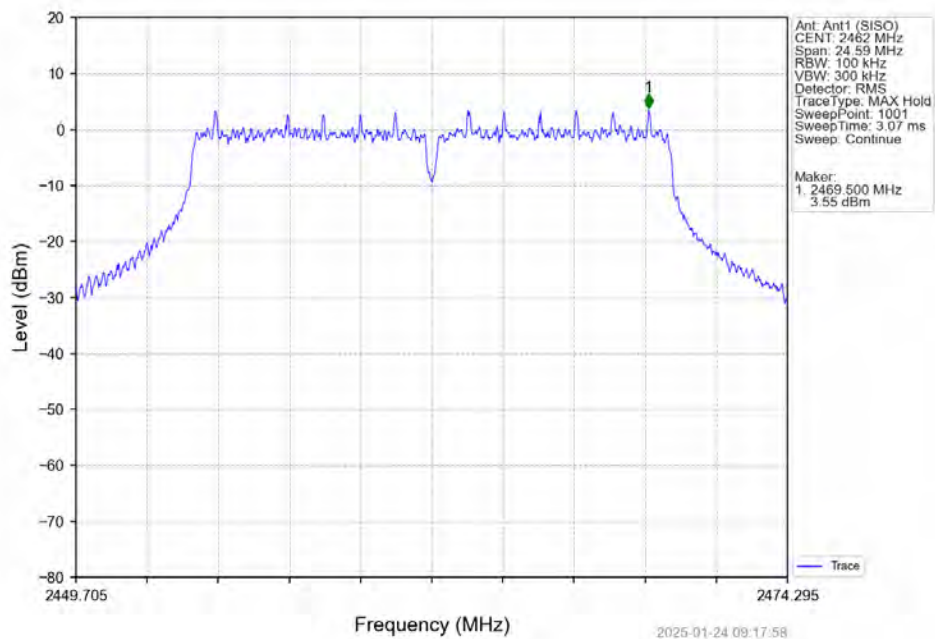
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



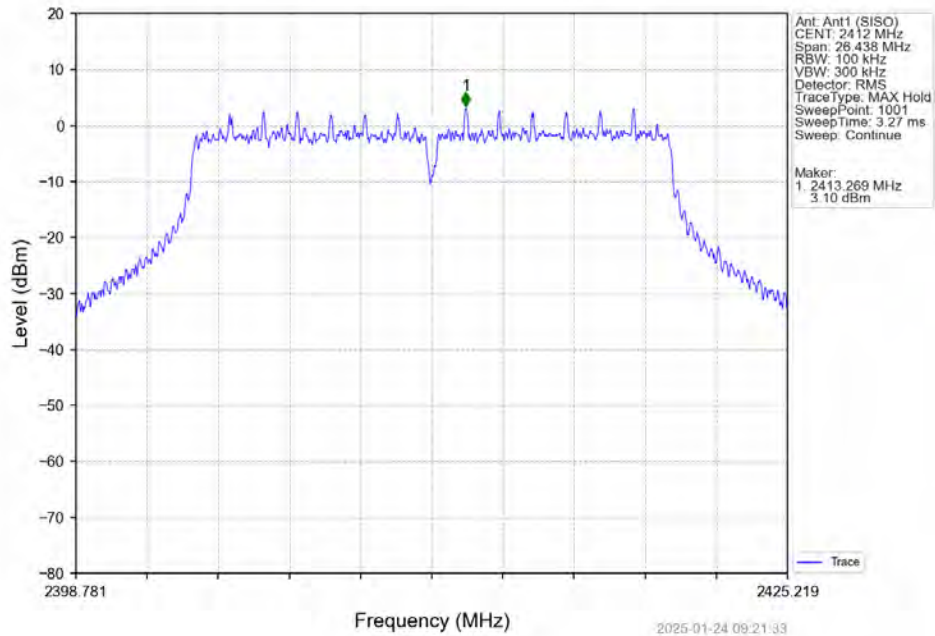
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



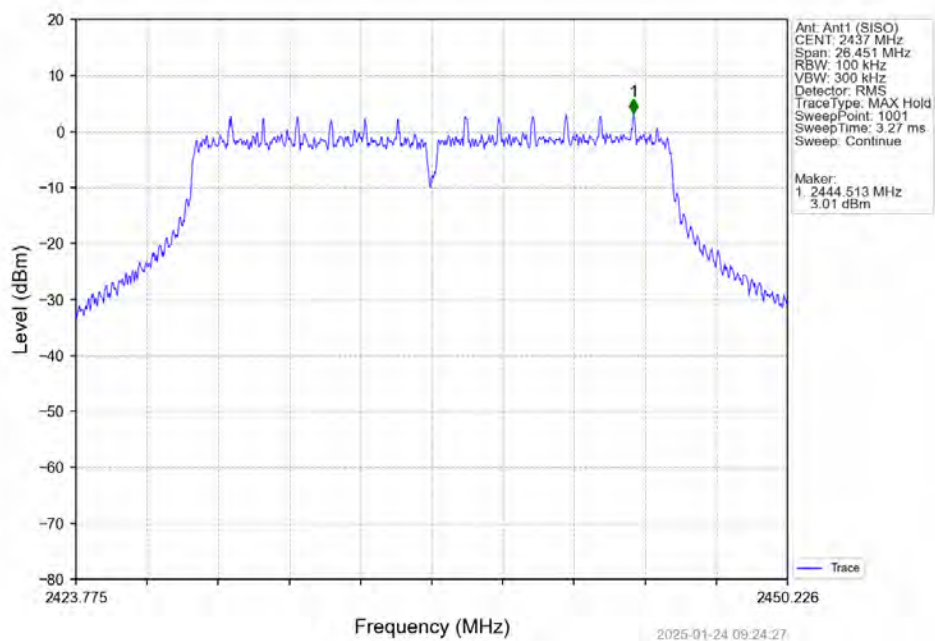
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



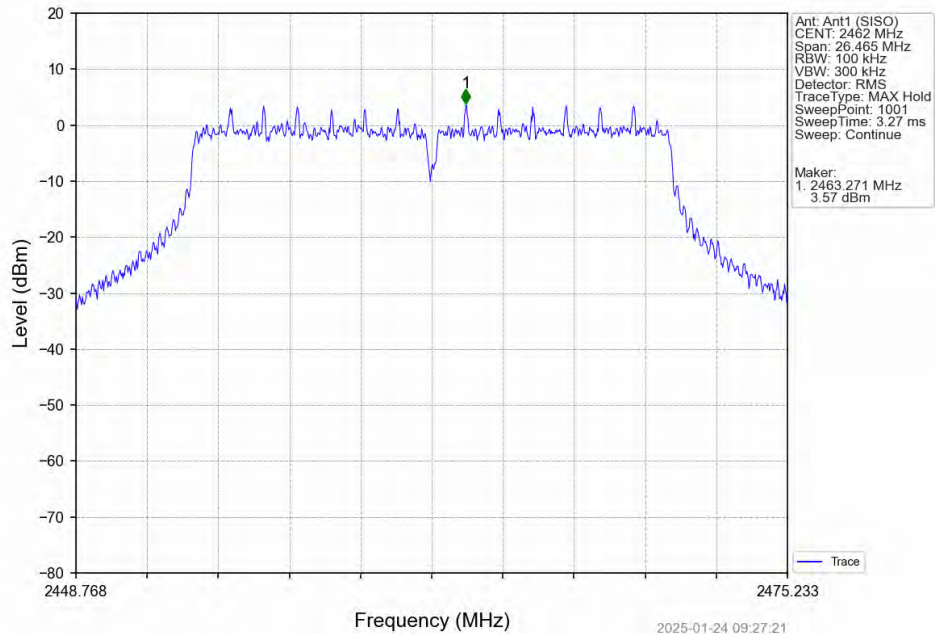
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



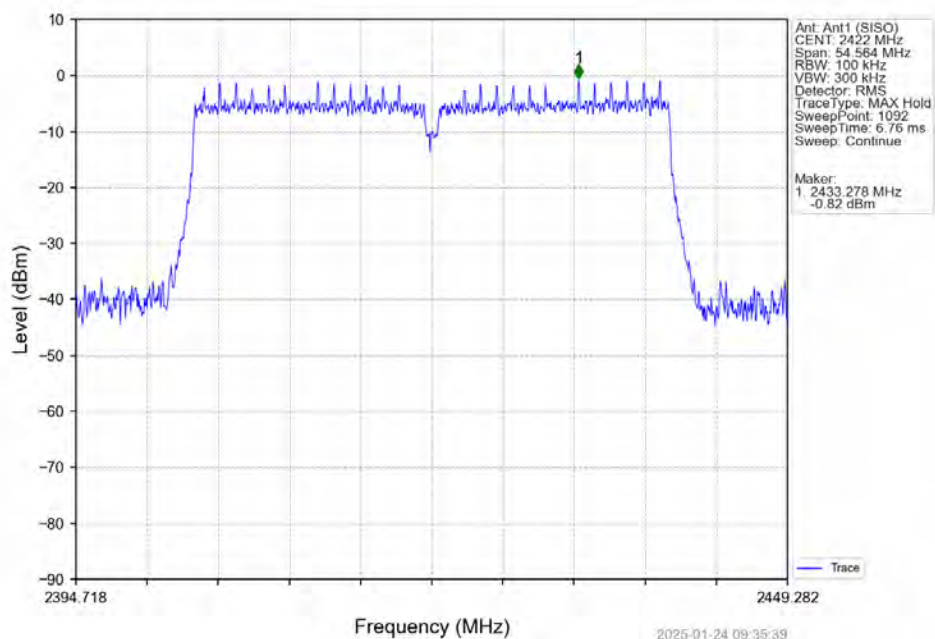
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



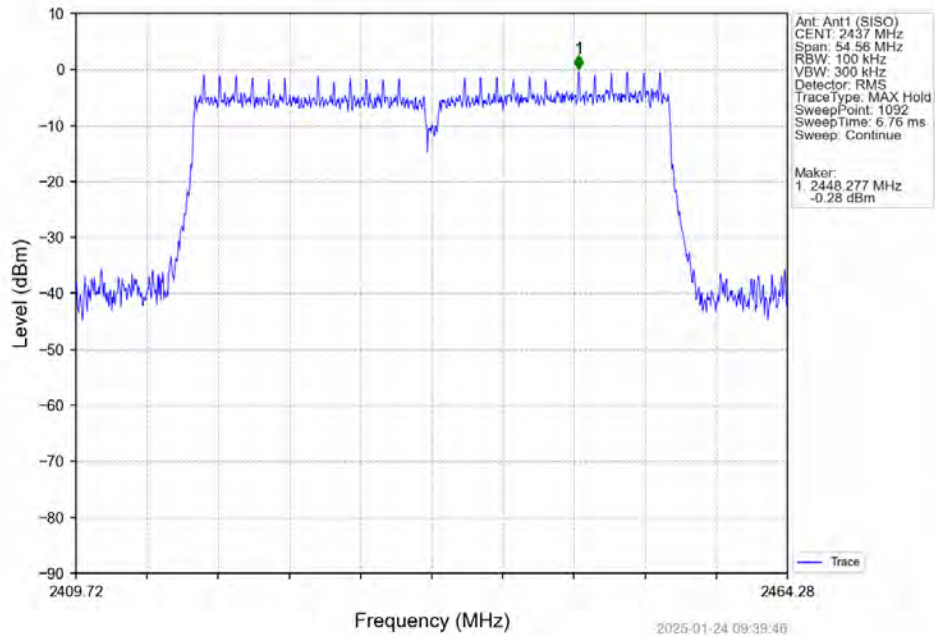
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN



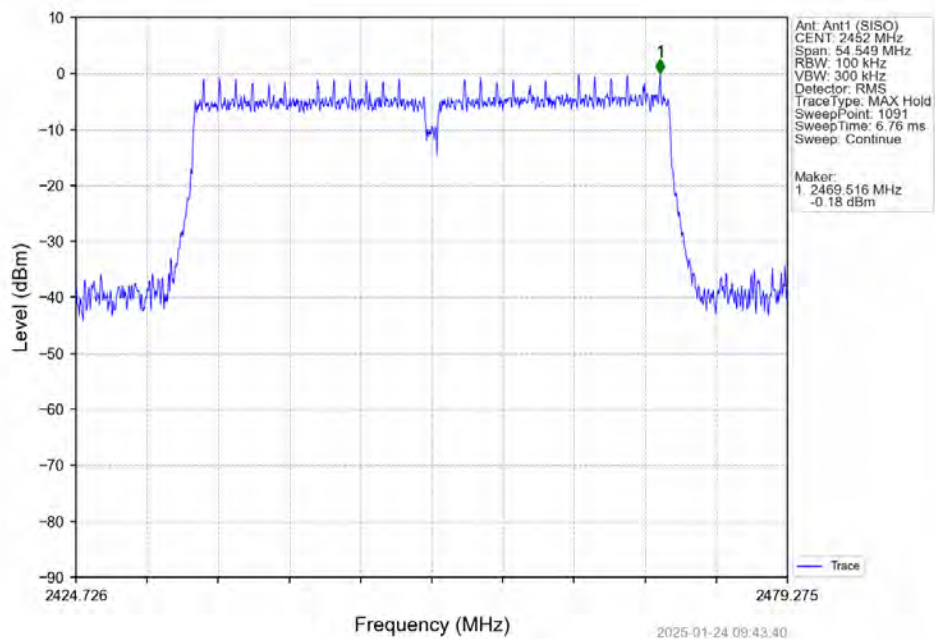
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



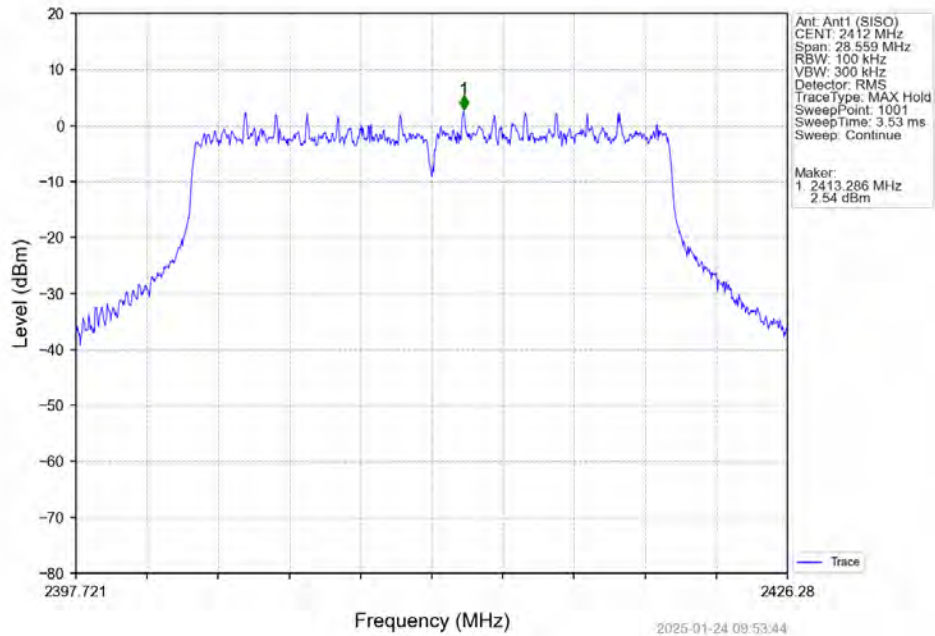
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



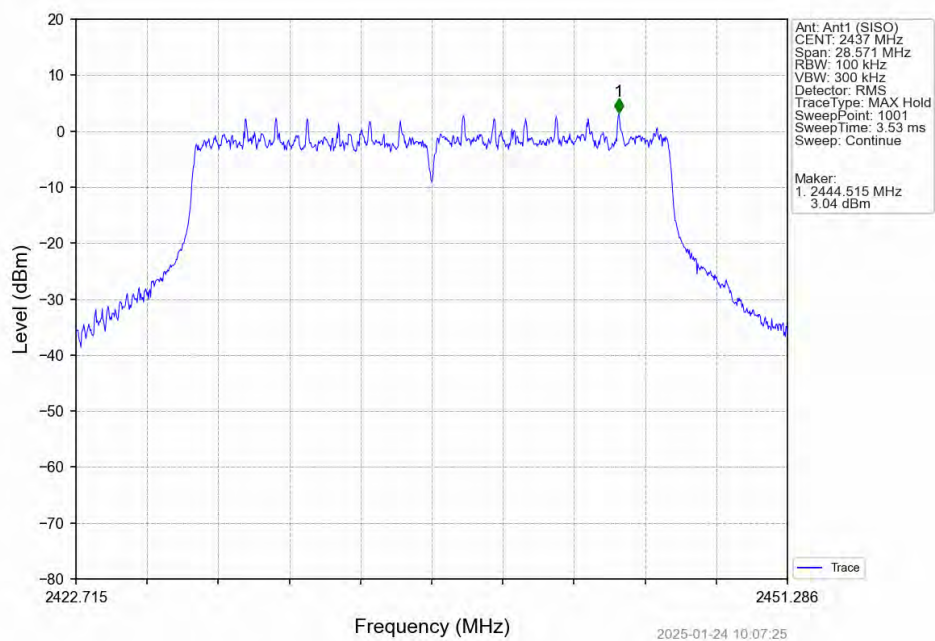
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



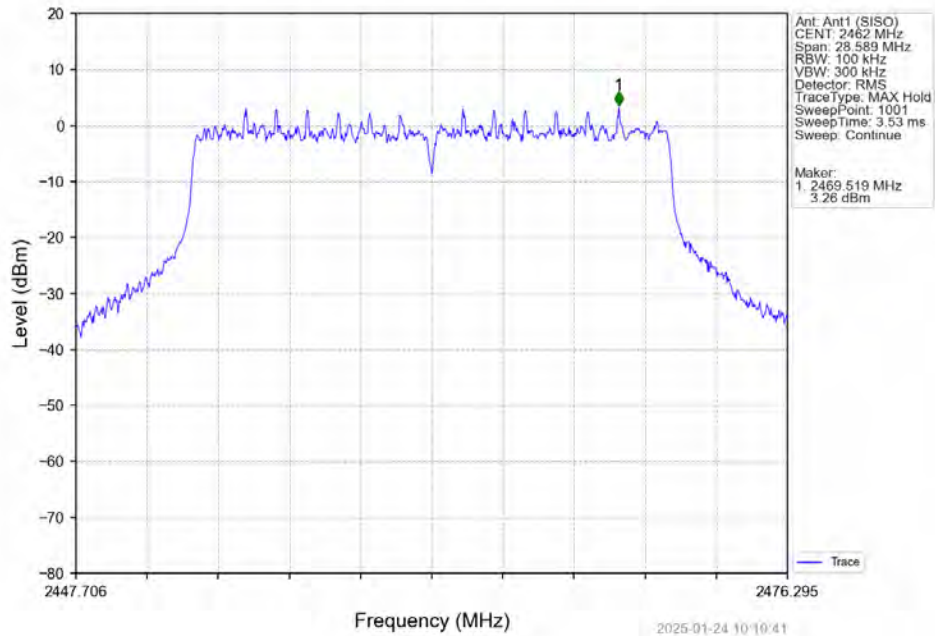
802.11ax(HE20) LCH 2412MHz RU242 Left Ant1 (SISO) NTNV



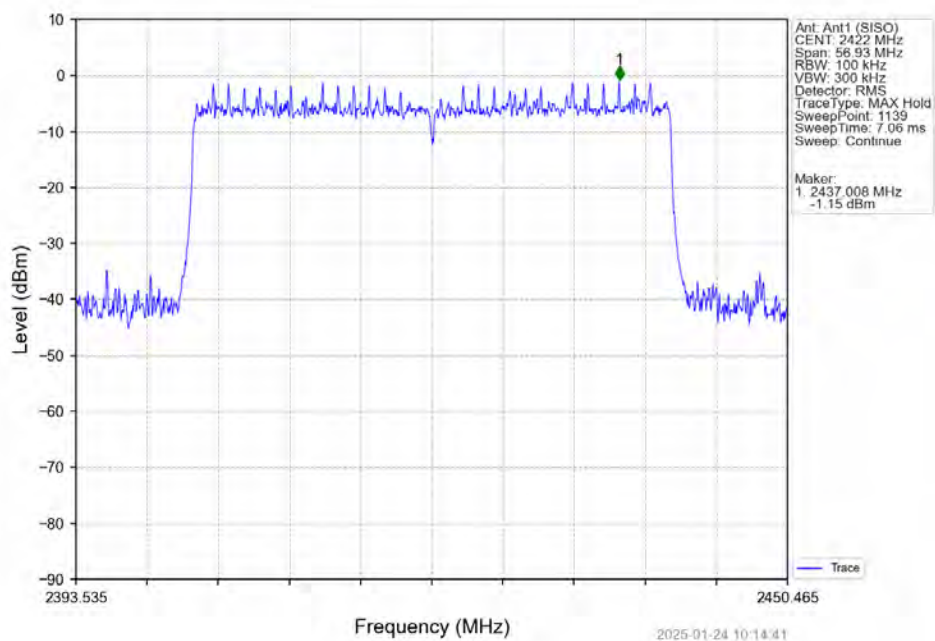
802.11ax(HE20) MCH 2437MHz RU242 Left Ant1 (SISO) NTNV



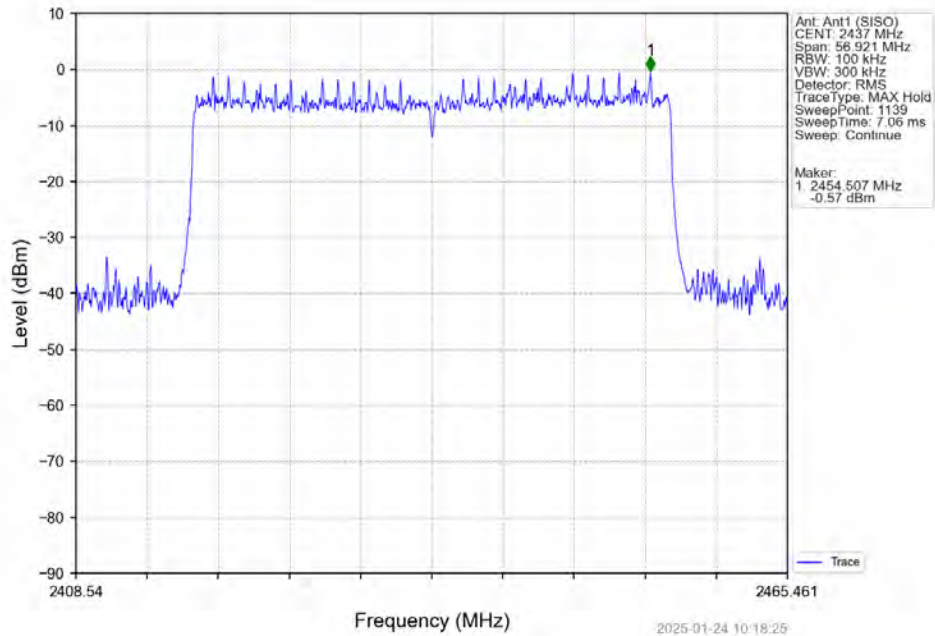
802.11ax(HE20) HCH 2462MHz RU242 Left Ant1 (SISO) NTN



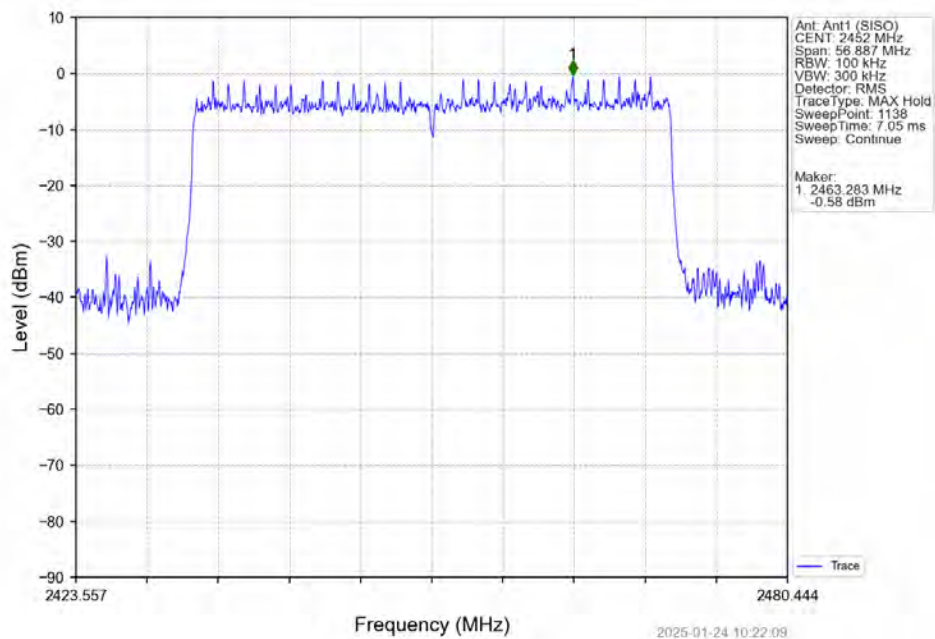
802.11ax(HE40) LCH 2422MHz RU484 Left Ant1 (SISO) NTN



802.11ax(HE40) MCH_2437MHz_RU484_Left_Ant1 (SISO) NTN

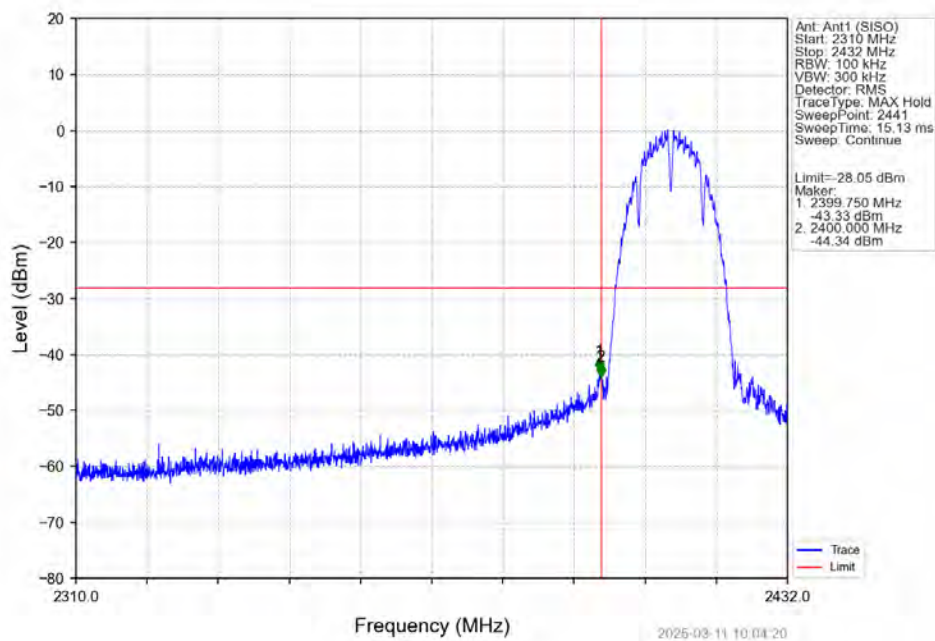


802.11ax(HE40) HCH_2452MHz_RU484_Left_Ant1 (SISO) NTN

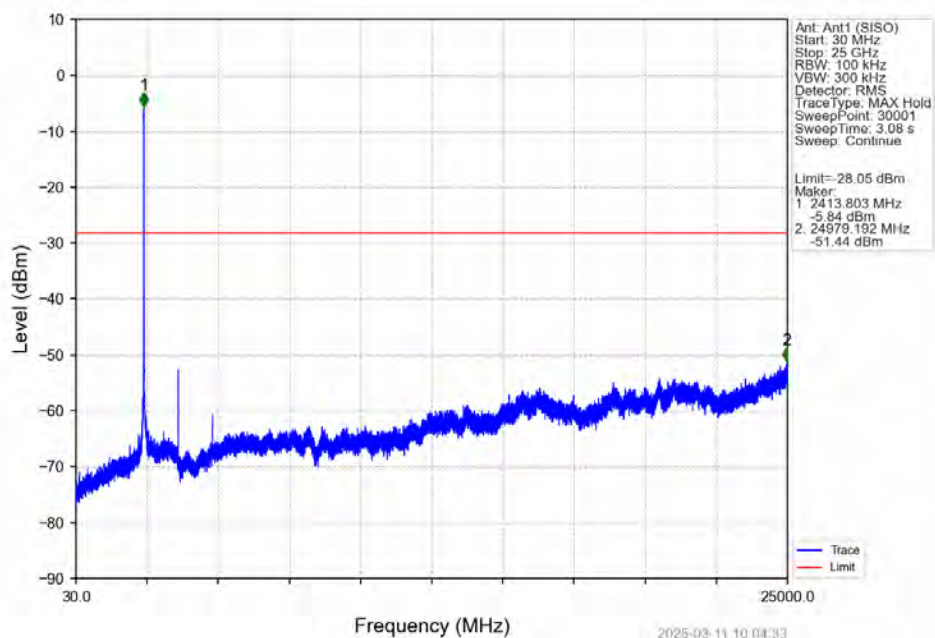


5.2.2 CSE

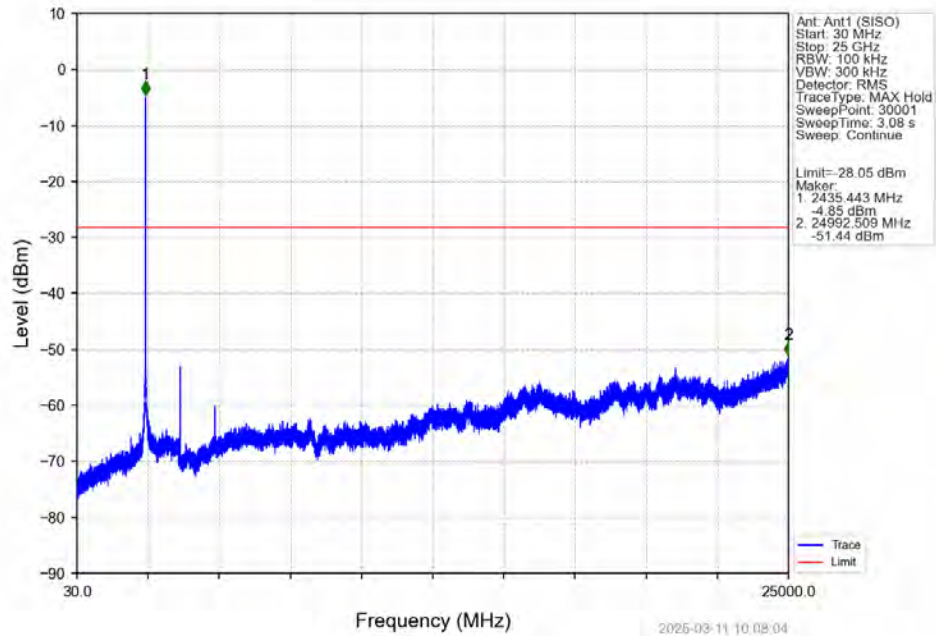
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



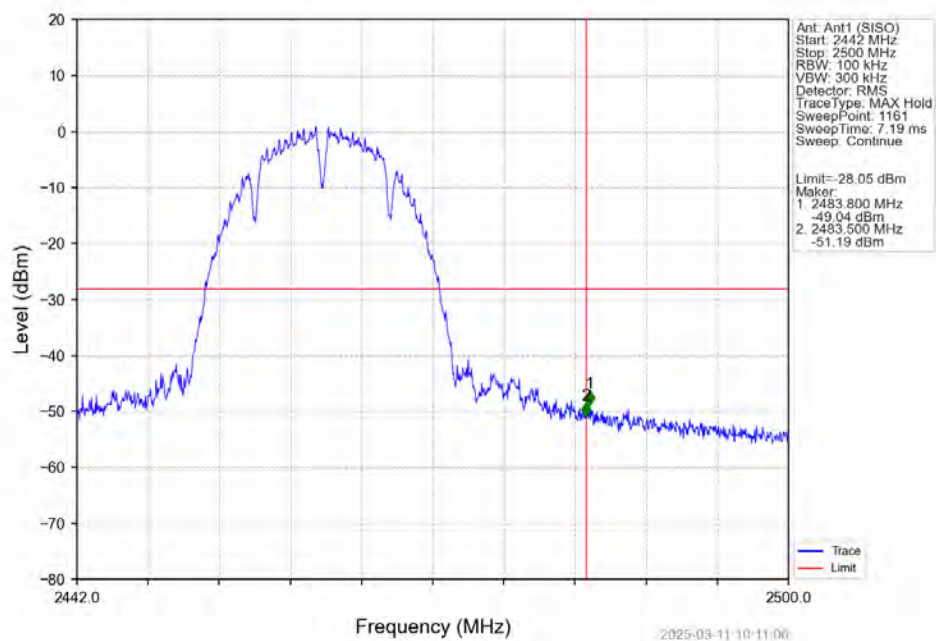
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



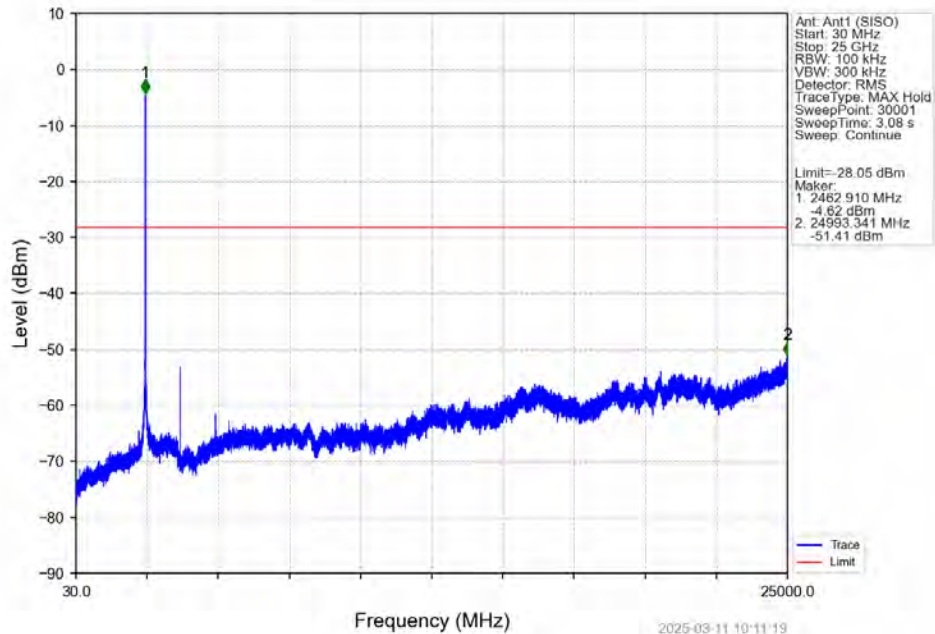
802.11b MCH 2437MHz_Ant1 (SISO)_NTNV



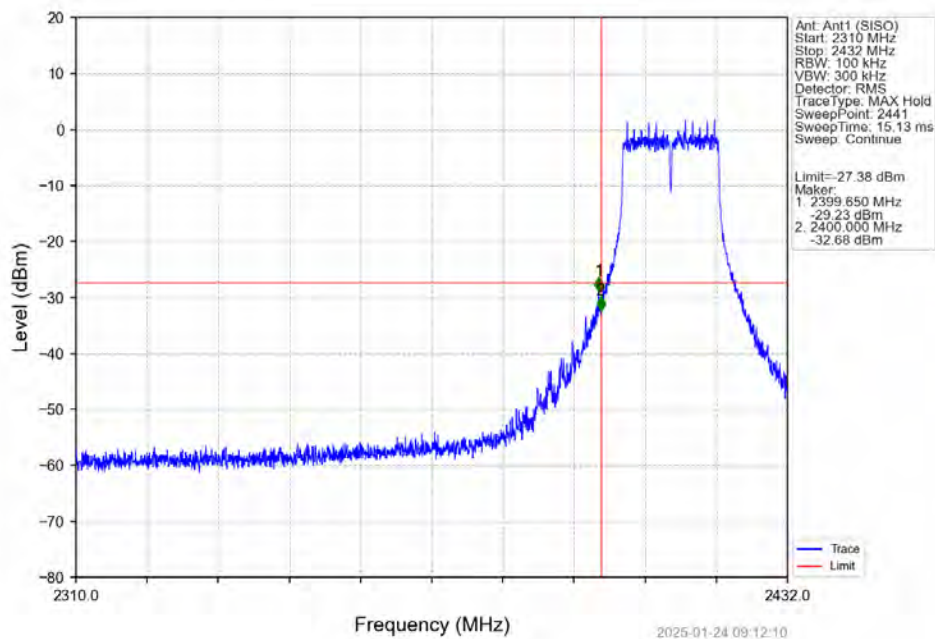
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



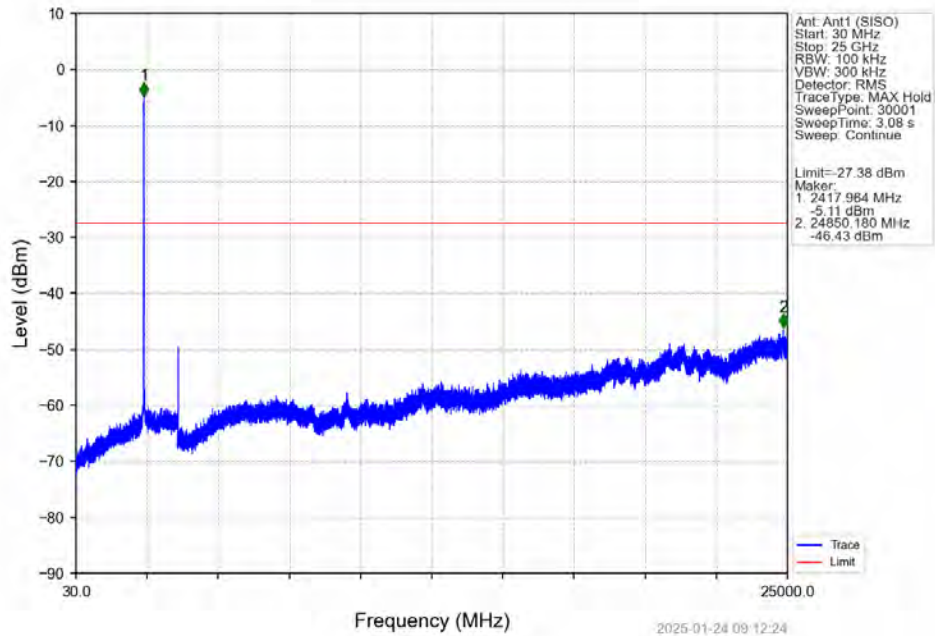
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



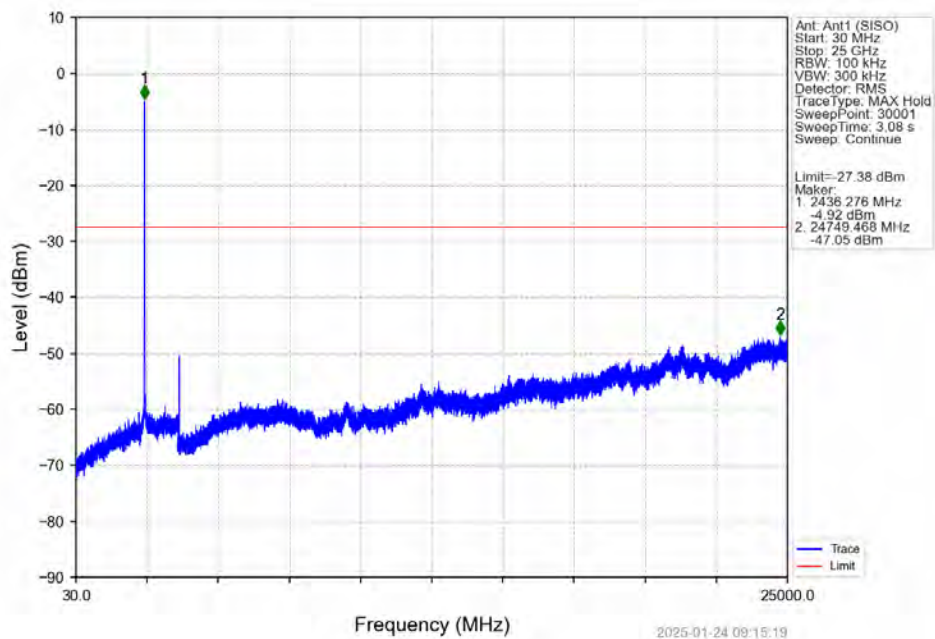
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



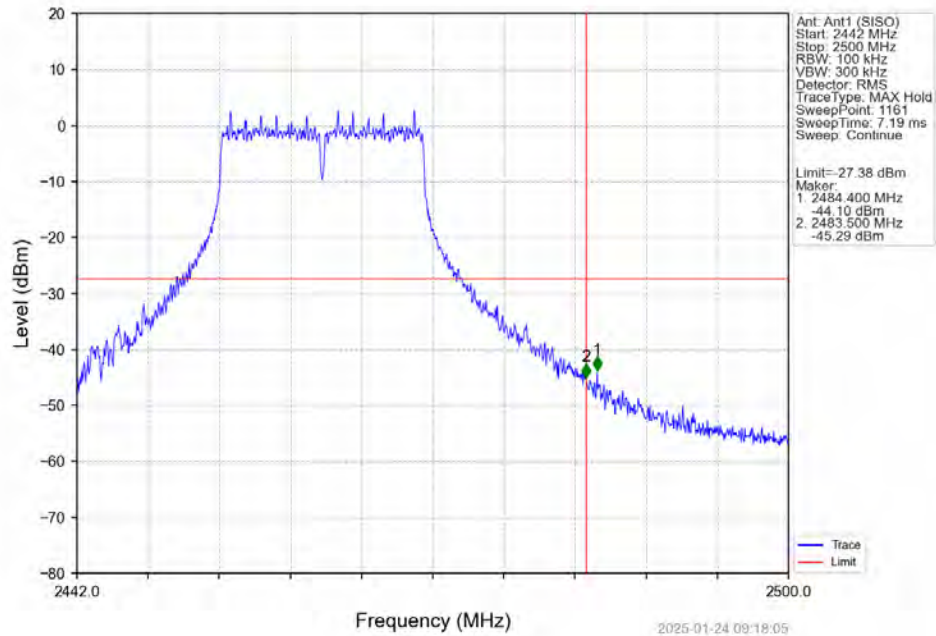
802.11g LCH 2412MHz_Ant1 (SISO) NTN



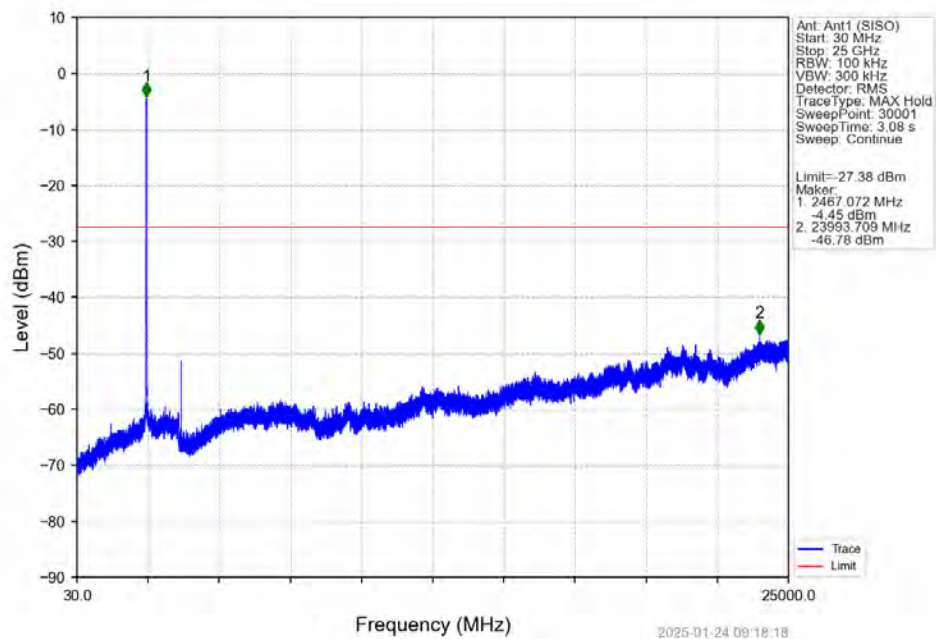
802.11g MCH 2437MHz_Ant1 (SISO) NTN



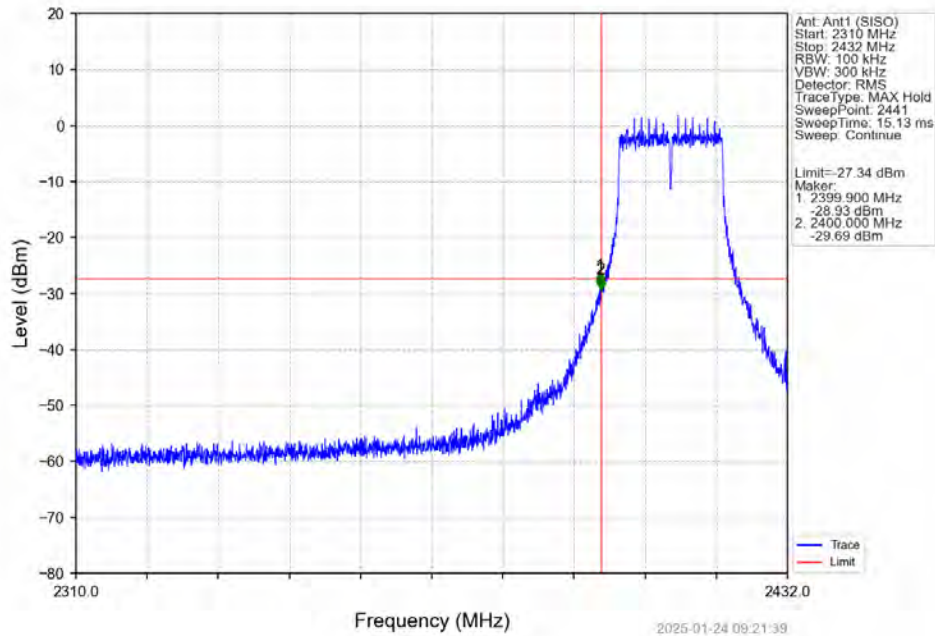
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



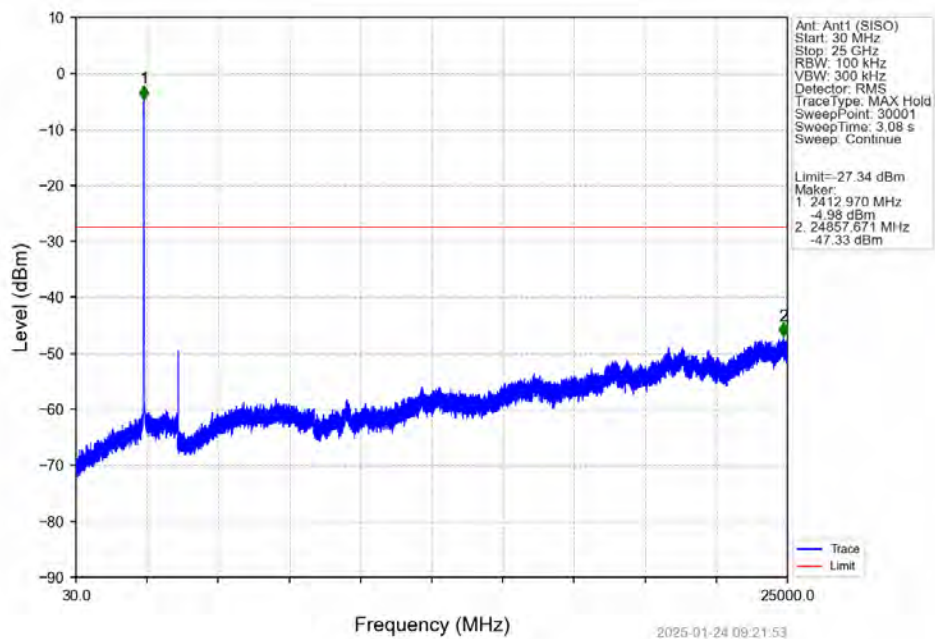
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



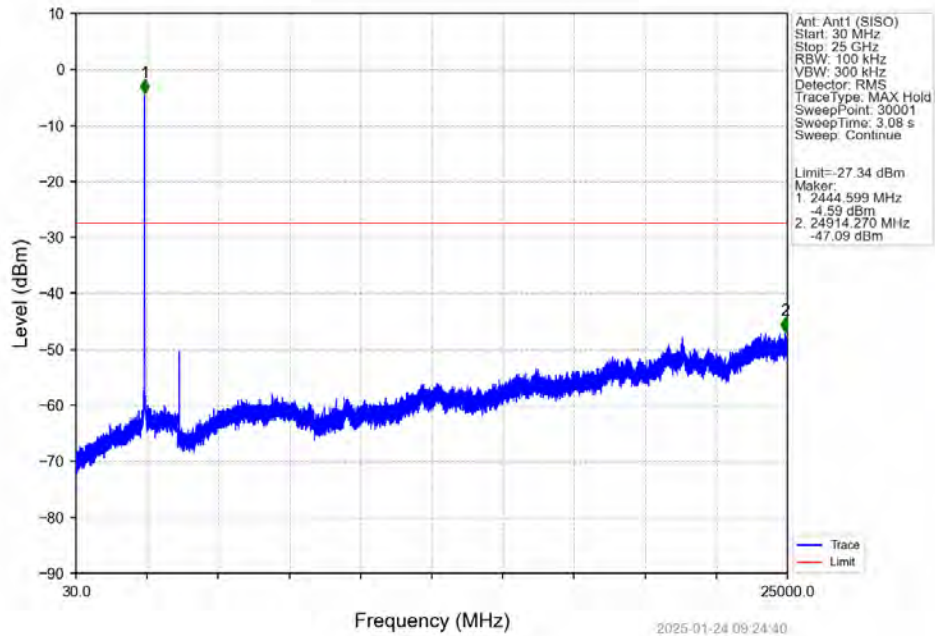
802.11n(HT20) LCH_2412MHz_Ant1 (SISO) NTN



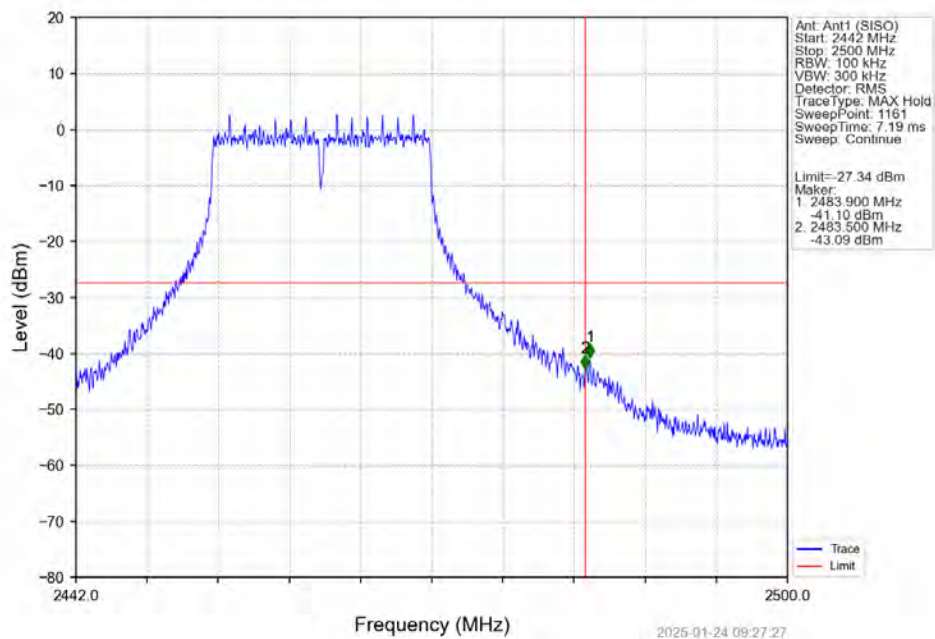
802.11n(HT20) LCH_2412MHz_Ant1 (SISO) NTN



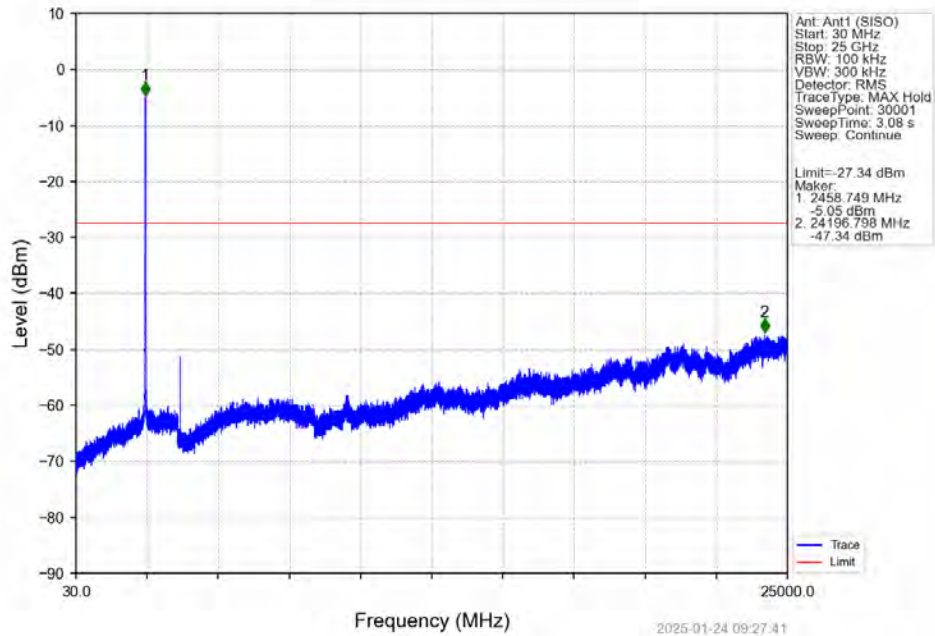
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



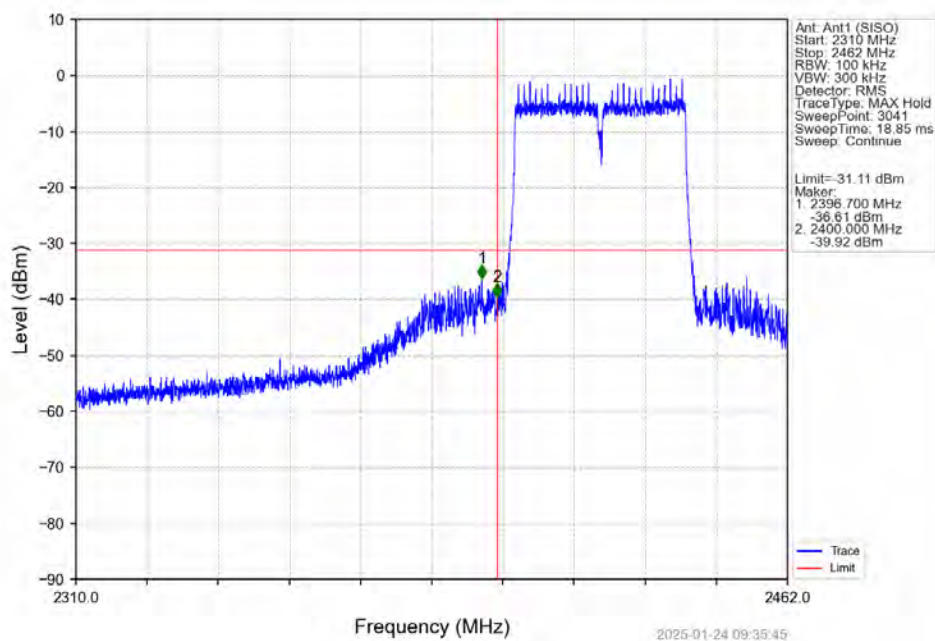
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



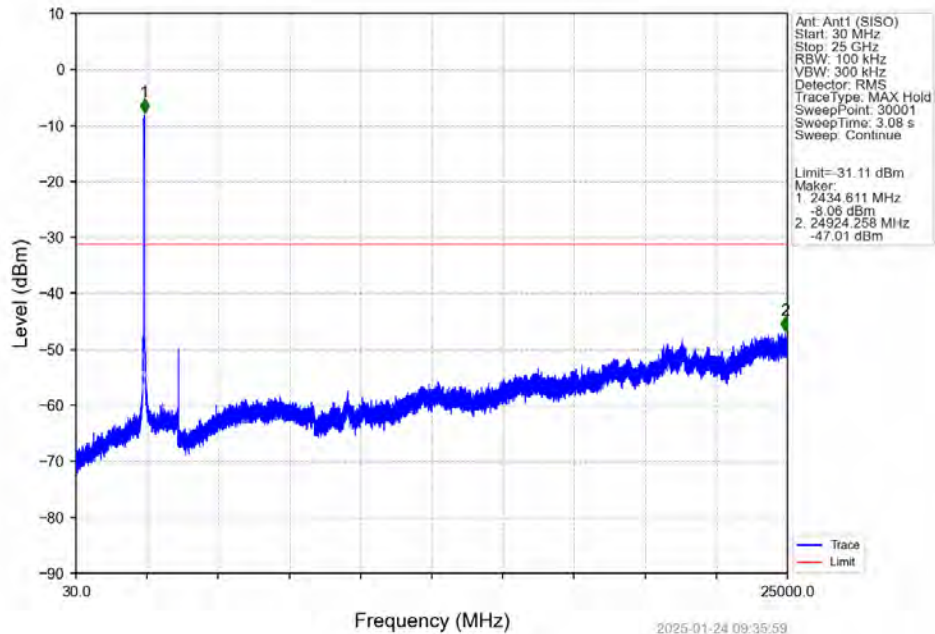
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



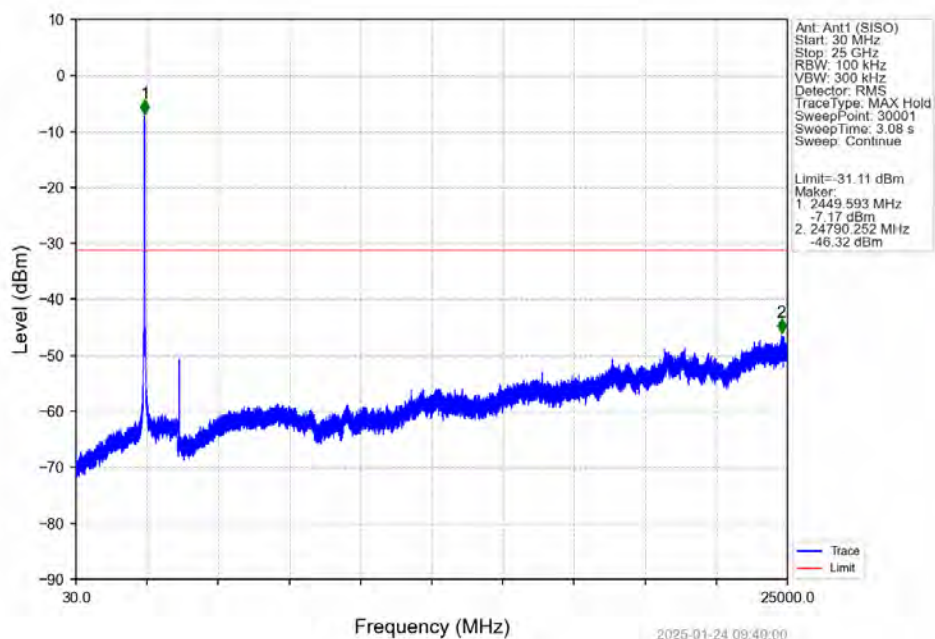
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTNV



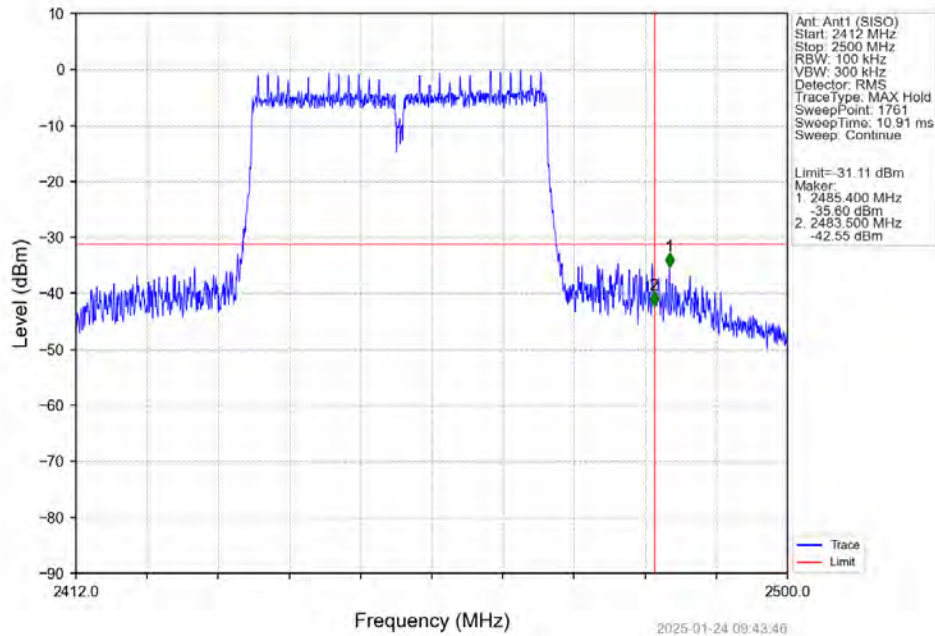
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



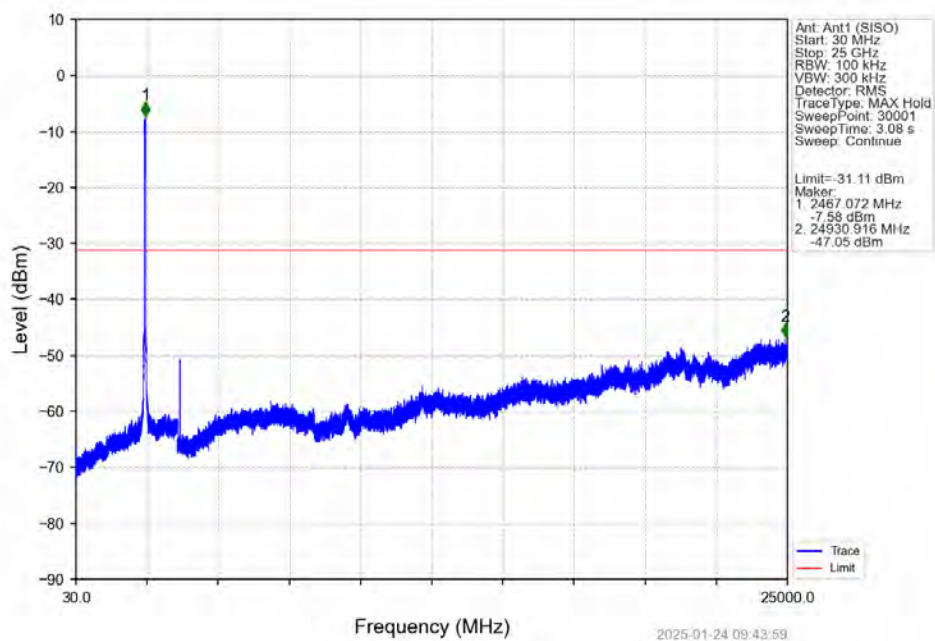
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



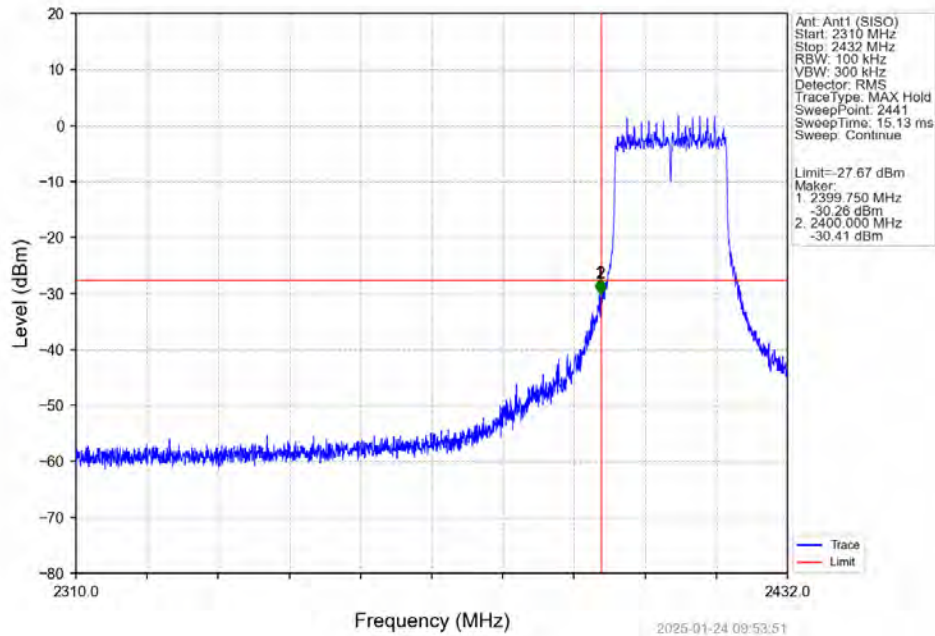
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



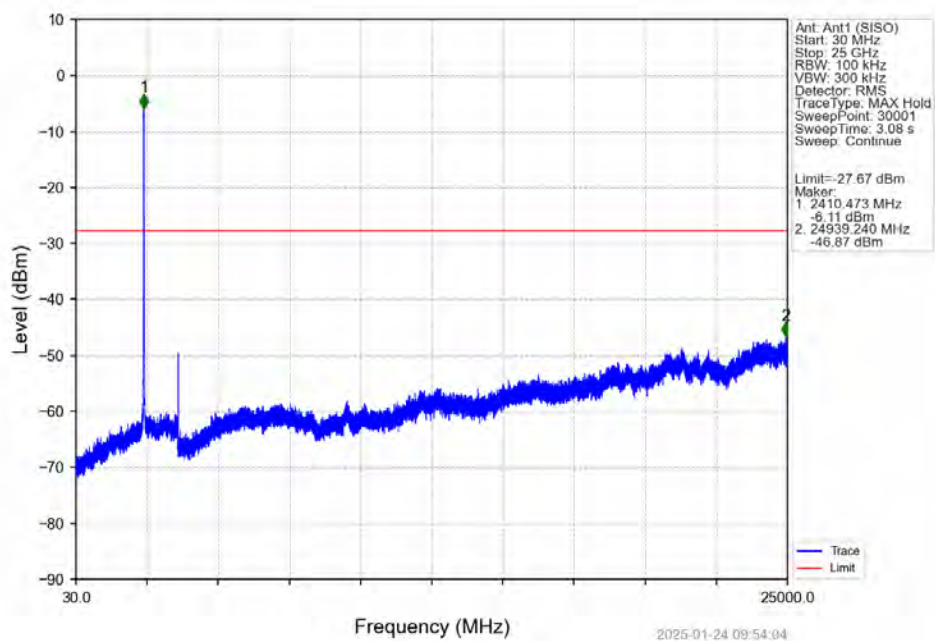
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



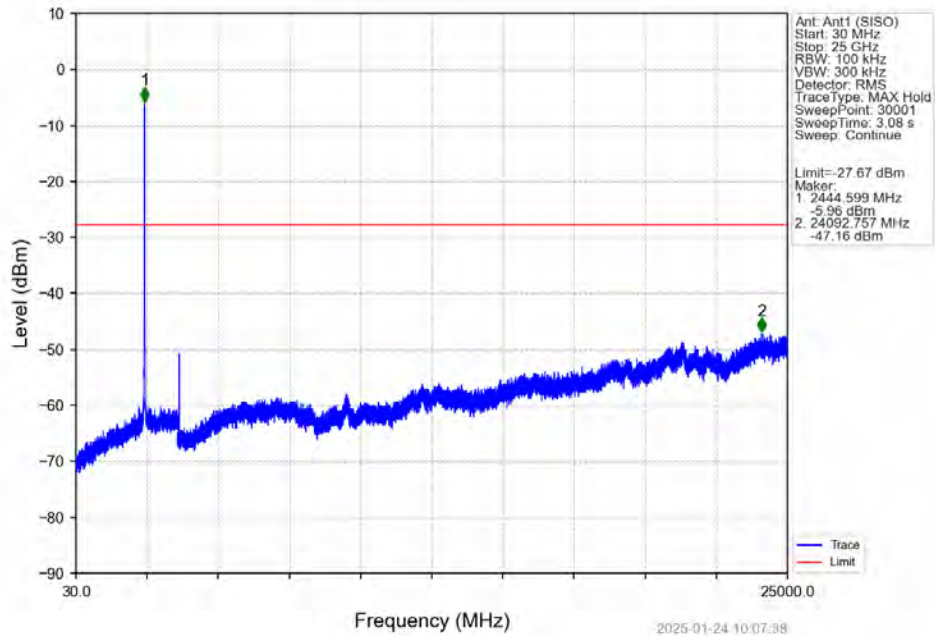
802.11ax(HE20) LCH 2412MHz RU242 Left Ant1 (SISO) NTN



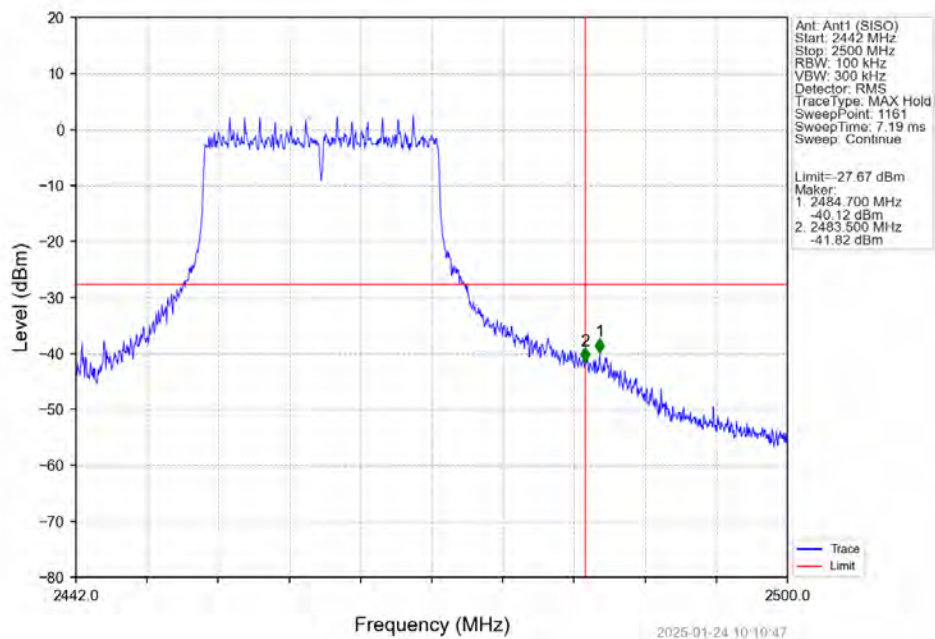
802.11ax(HE20) LCH 2412MHz RU242 Left Ant1 (SISO) NTN



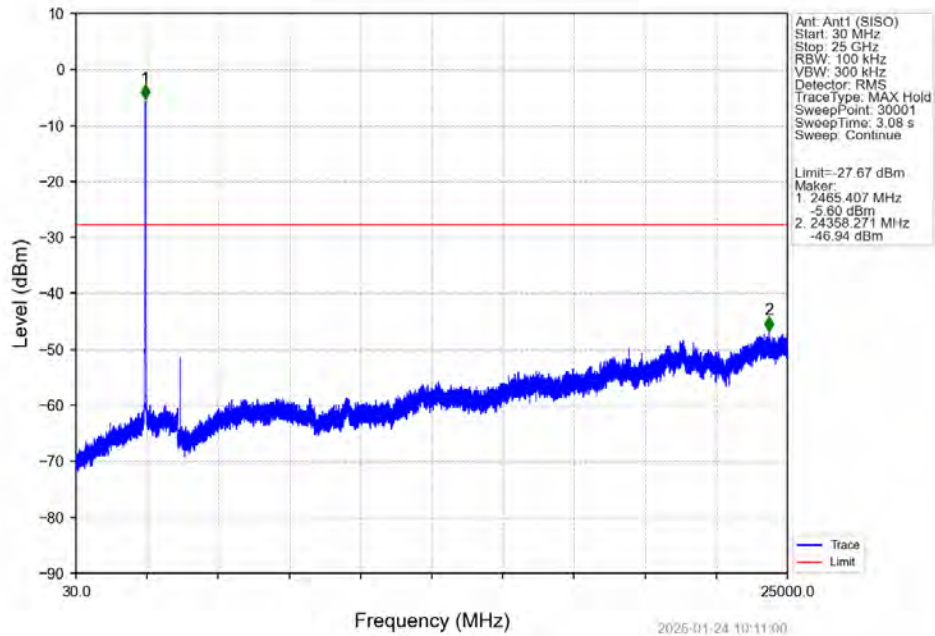
802.11ax(HE20) MCH_2437MHz_RU242_Left_Ant1 (SISO) NTN



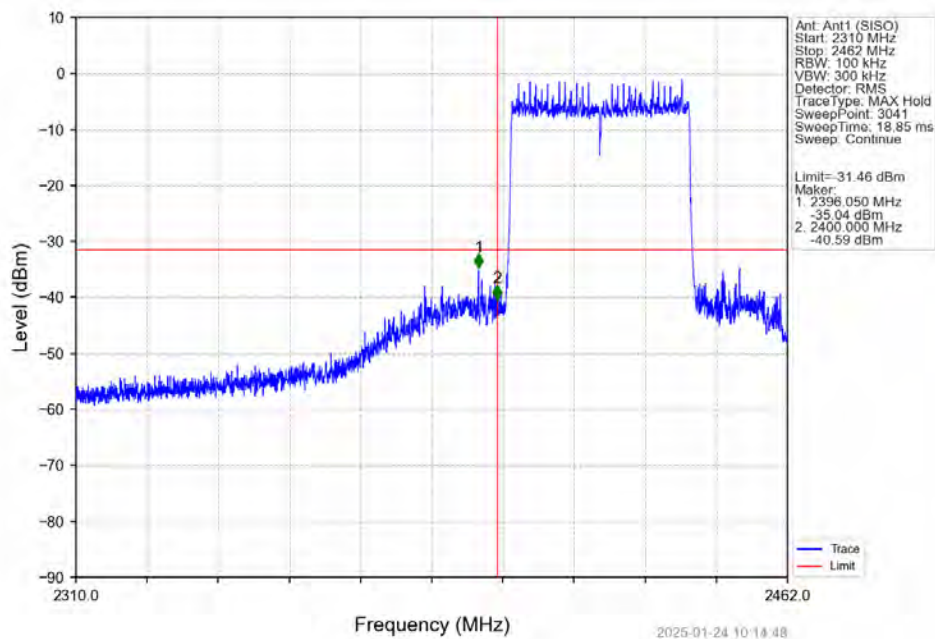
802.11ax(HE20) HCH_2462MHz_RU242_Left_Ant1 (SISO) NTN



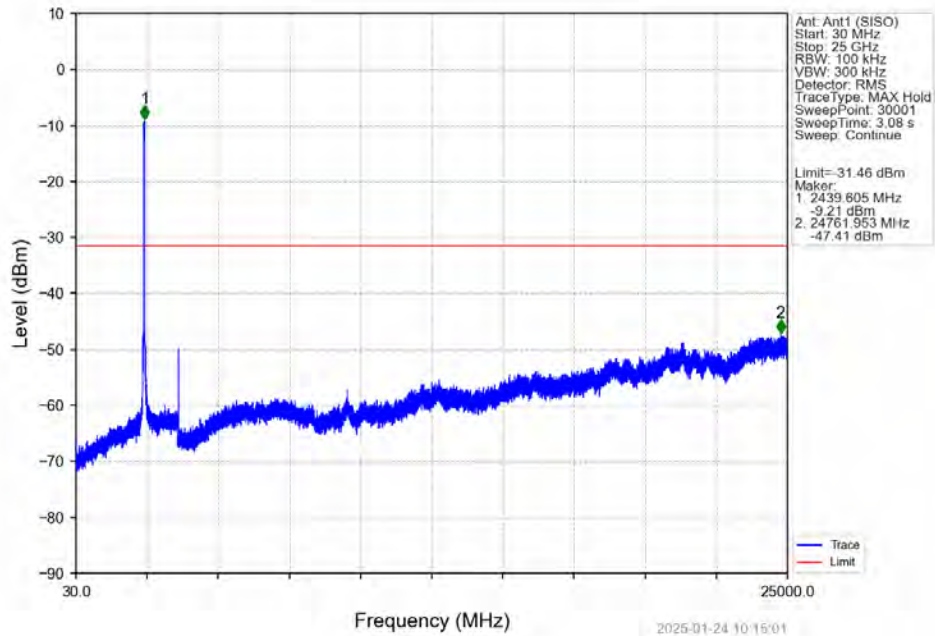
802.11ax(HE20) HCH 2462MHz RU242 Left Ant1 (SISO) NTN



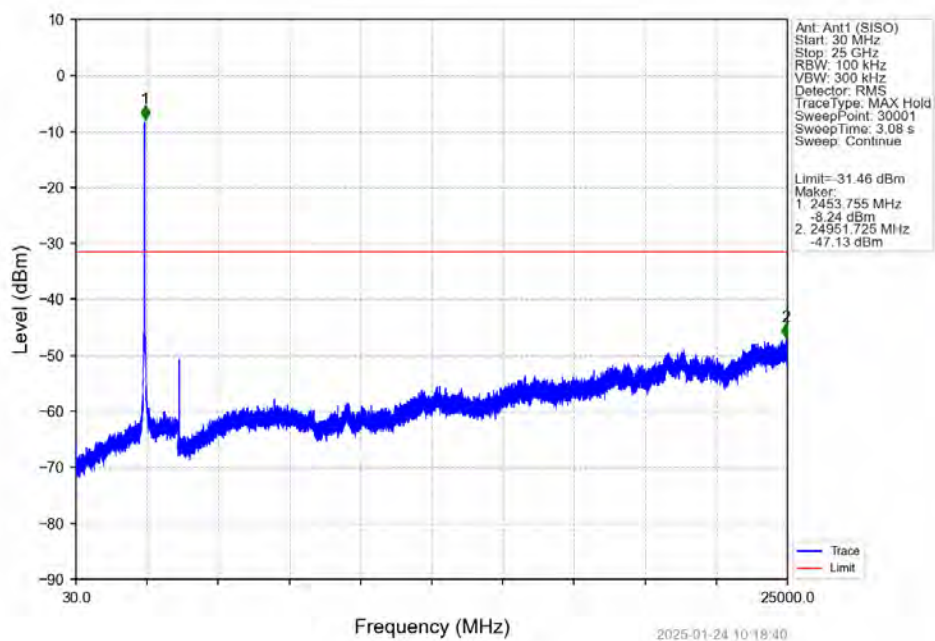
802.11ax(HE40) LCH 2422MHz RU484 Left Ant1 (SISO) NTN



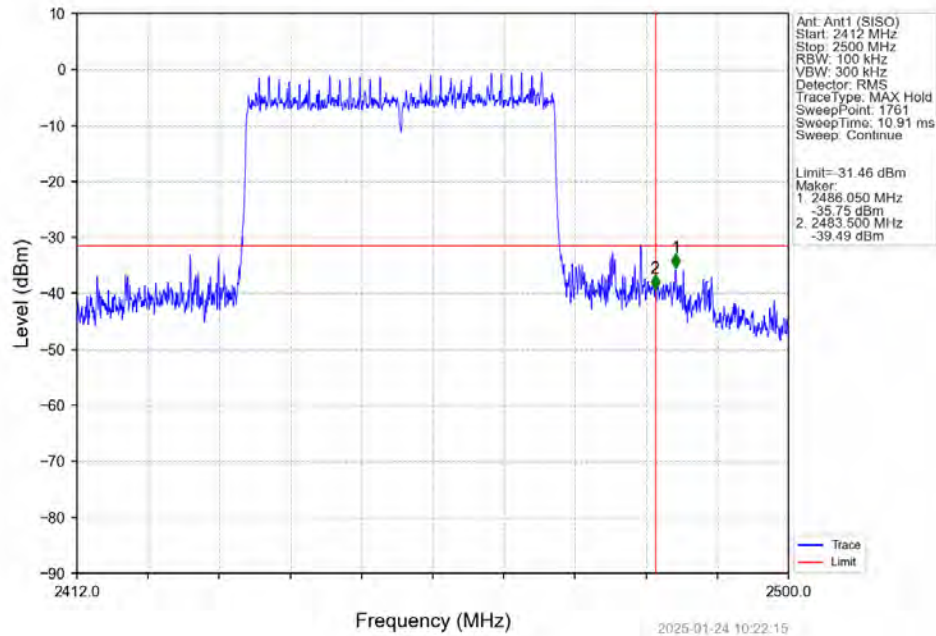
802.11ax(HE40) LCH 2422MHz RU484 Left Ant1 (SISO) NTNV



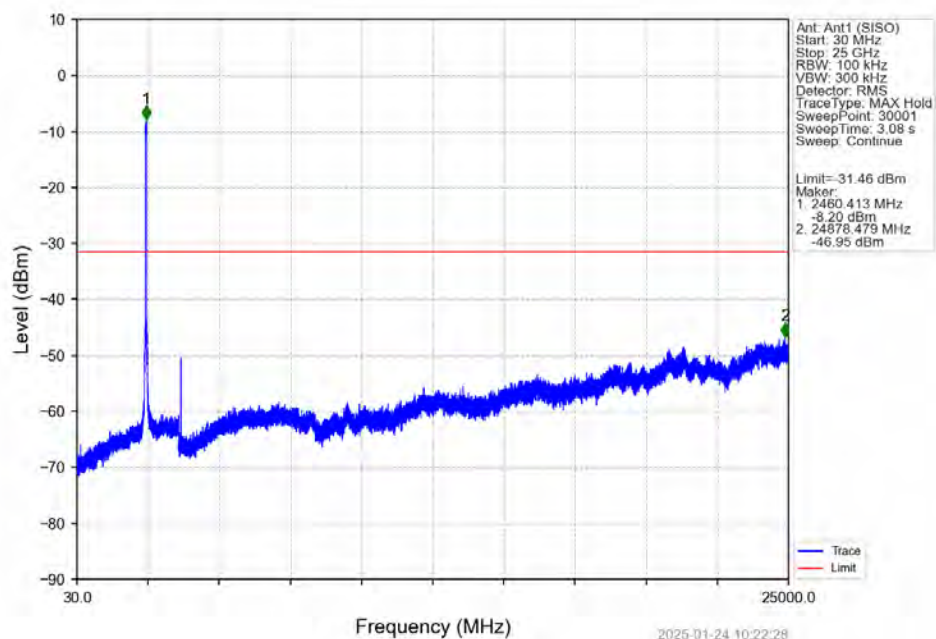
802.11ax(HE40) MCH 2437MHz RU484 Left Ant1 (SISO) NTNV



802.11ax(HE40) HCH 2452MHz RU484 Left Ant1 (SISO) NTN



802.11ax(HE40) HCH 2452MHz RU484 Left Ant1 (SISO) NTN



WLAN 1

1. Duty Cycle

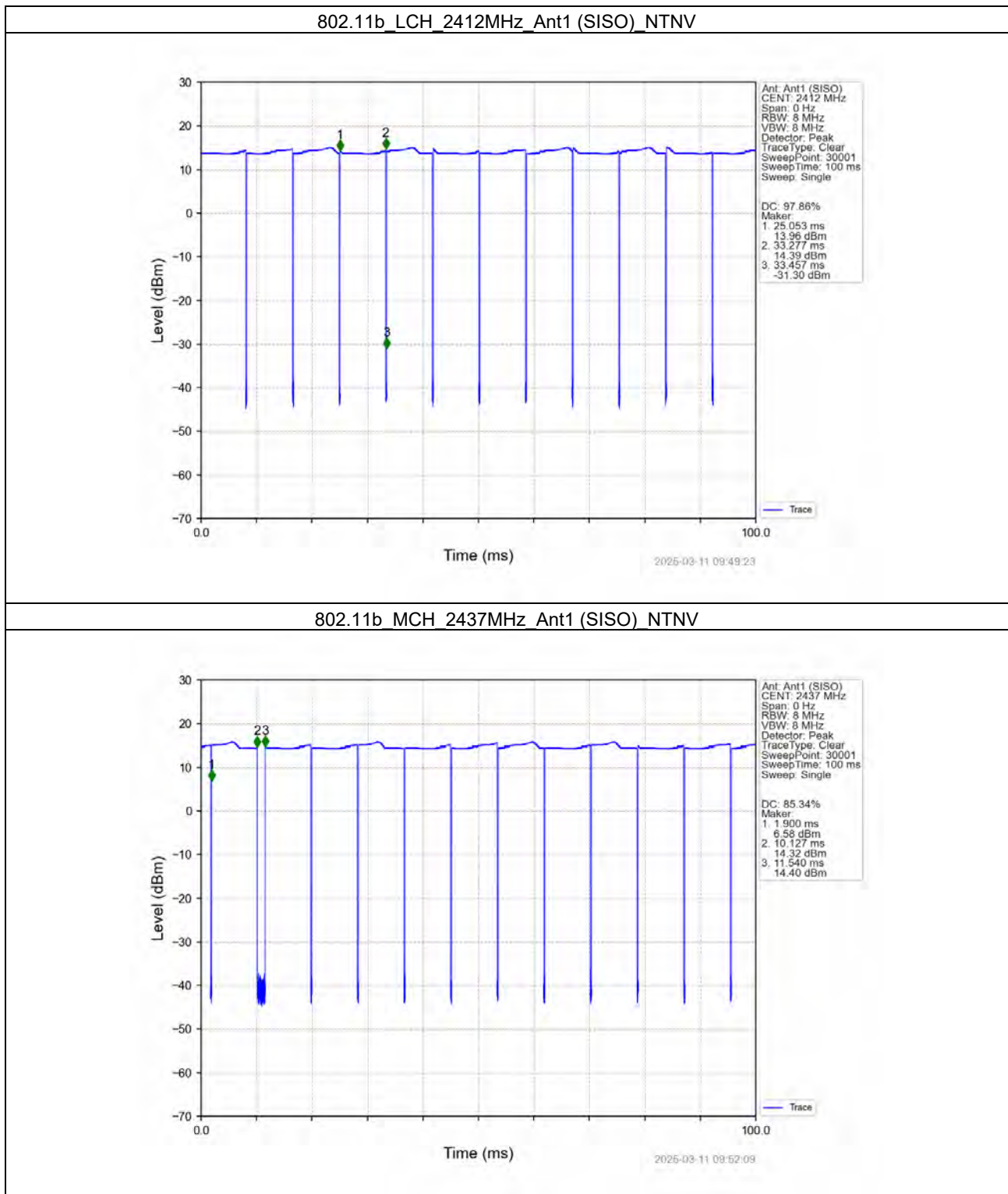
1.1 Test Result

1.1.1 Ant1

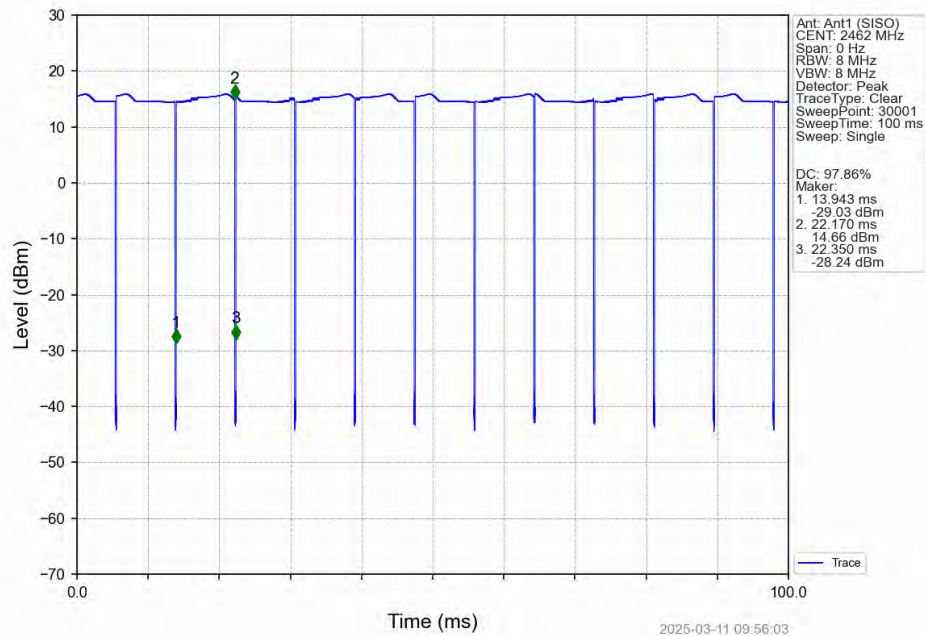
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	/	/	8.224	8.404	97.86	0.09	0.04
		2437	/	/	8.227	9.640	85.34	0.69	12.56
		2462	/	/	8.227	8.407	97.86	0.09	0.04
802.11g	SISO	2412	/	/	4.032	4.326	93.20	0.31	0.07
		2437	/	/	4.033	4.327	93.21	0.31	0.03
		2462	/	/	4.032	4.327	93.18	0.31	0.04
802.11n (HT20)	SISO	2412	/	/	3.736	4.029	92.73	0.33	0.04
		2437	/	/	3.737	4.031	92.71	0.33	0.06
		2462	/	/	3.736	4.029	92.73	0.33	0.04
802.11n (HT40)	SISO	2422	/	/	1.821	2.114	86.14	0.65	0.03
		2437	/	/	1.820	2.113	86.13	0.65	0.03
		2452	/	/	1.820	2.114	86.09	0.65	0.03
802.11ax (HE20)	SISO	2412	RU242	Left	2.858	3.152	90.67	0.43	0.03
		2437	RU242	Left	2.857	3.151	90.67	0.43	0.04
		2462	RU242	Left	2.859	3.152	90.70	0.42	0.03
802.11ax (HE40)	SISO	2422	RU484	Left	1.457	1.750	83.26	0.80	0.03
		2437	RU484	Left	1.458	1.751	83.27	0.80	0.03
		2452	RU484	Left	1.458	1.751	83.27	0.80	0.03

1.2 Test Graph

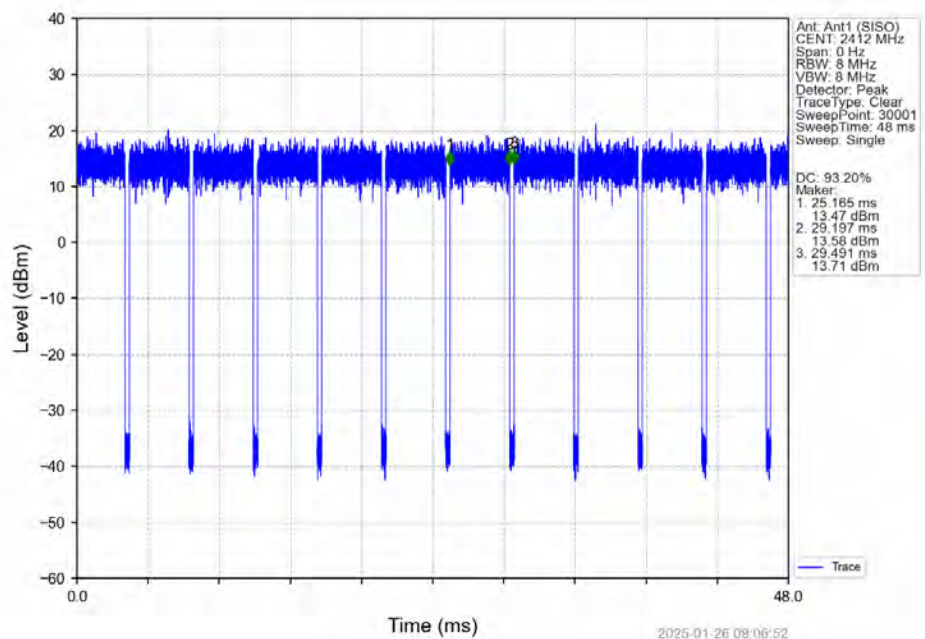
1.2.1 Ant1



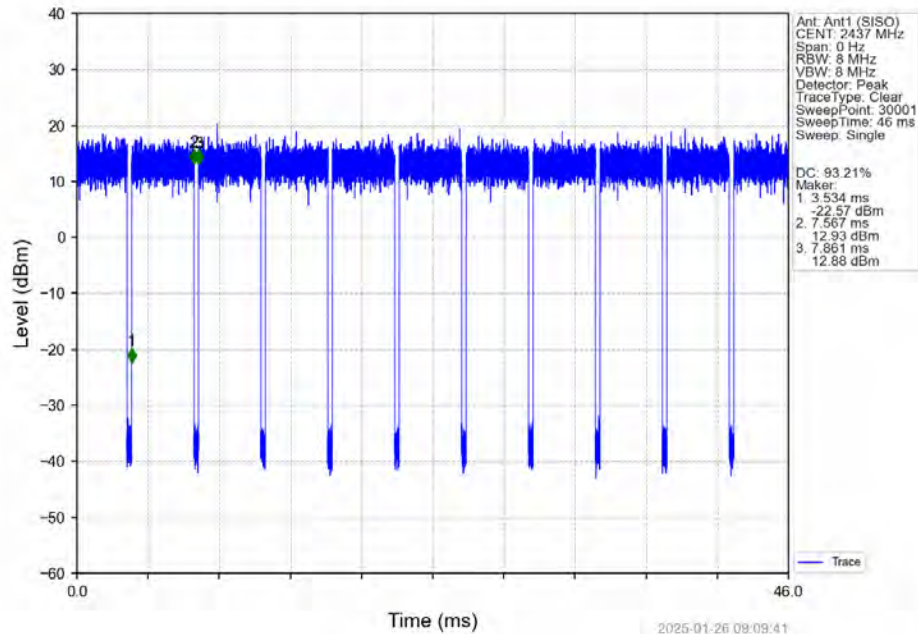
802.11b HCH 2462MHz Ant1 (SISO) NTN



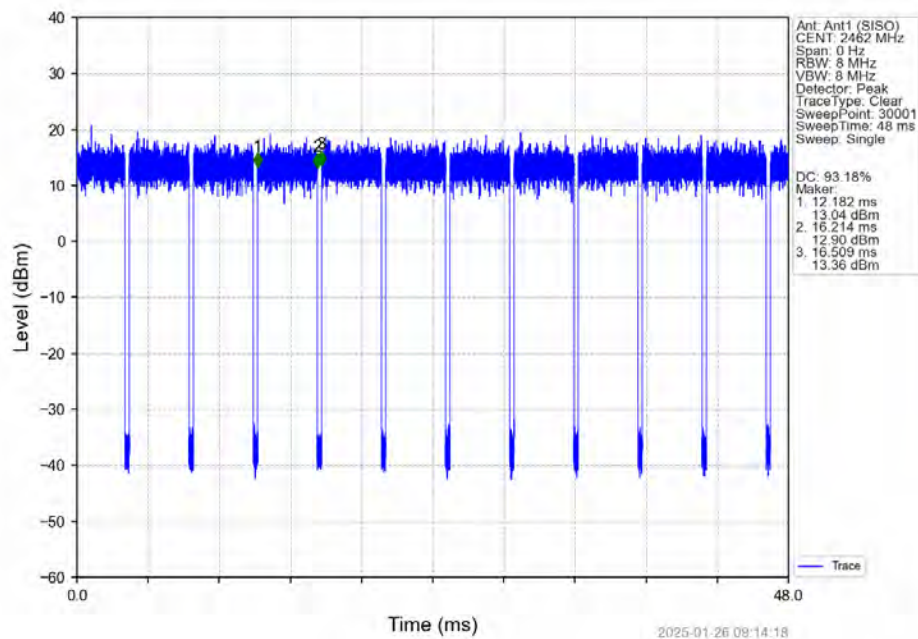
802.11g LCH 2412MHz Ant1 (SISO) NTN



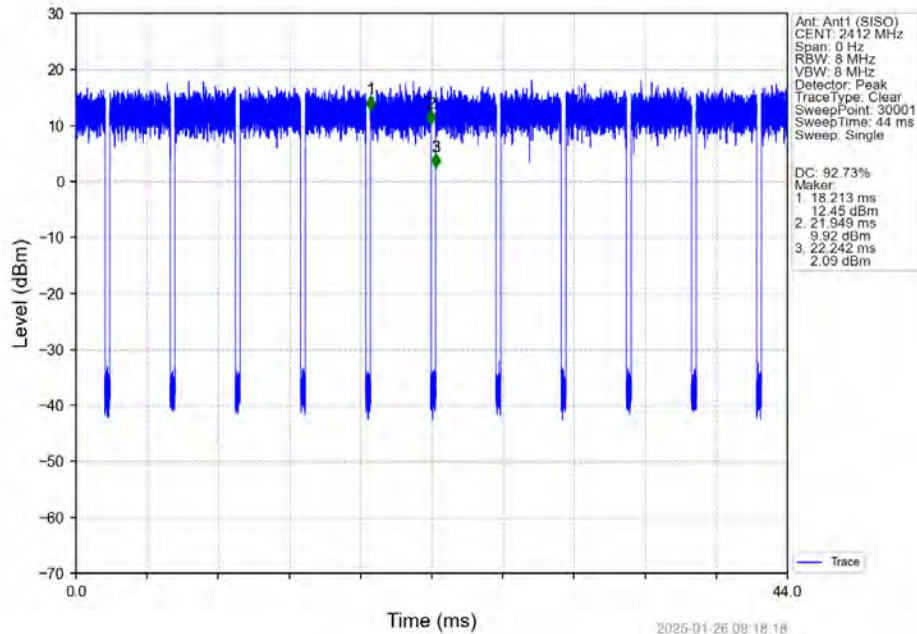
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



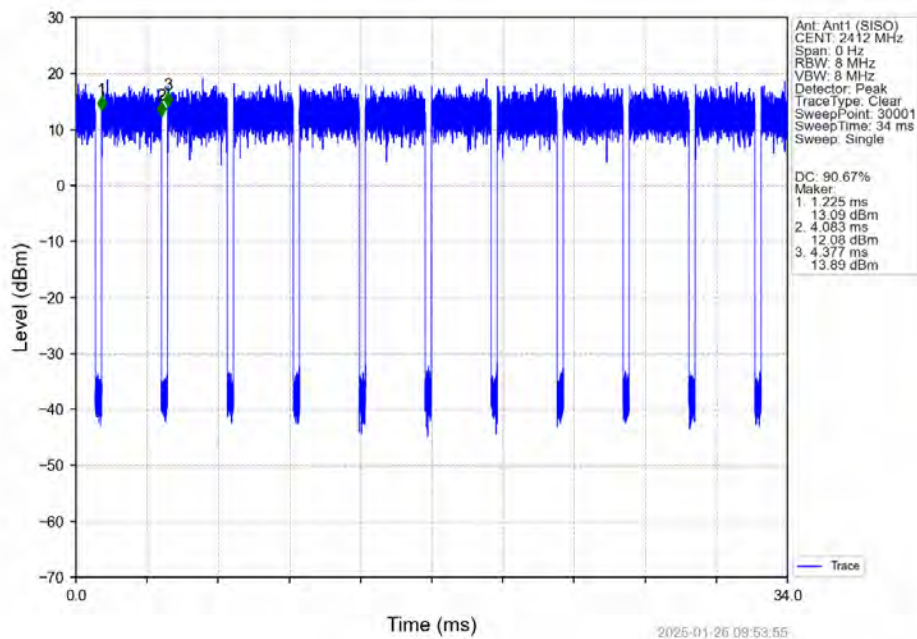
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



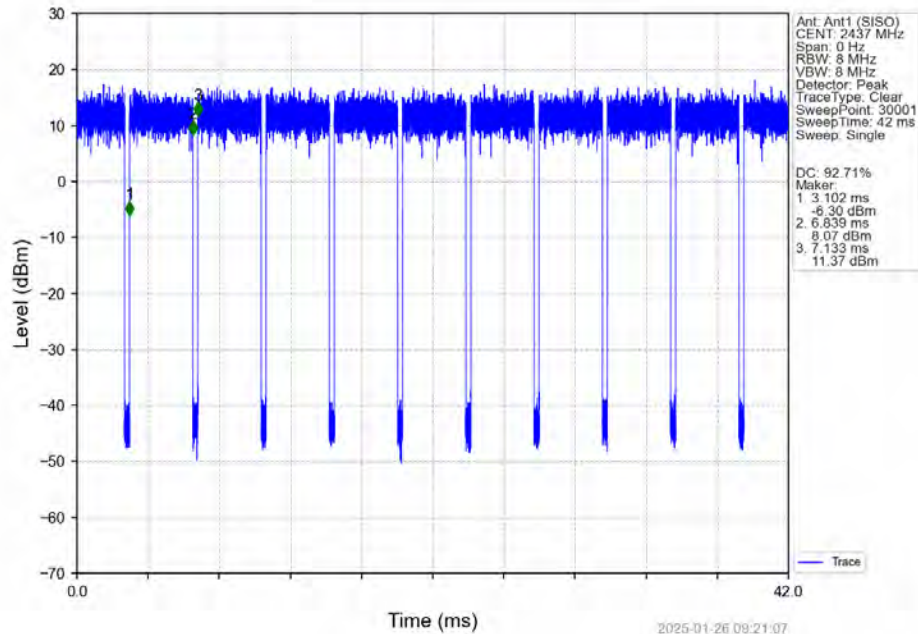
802.11n(HT20) LCH_2412MHz_Ant1 (SISO) NTN



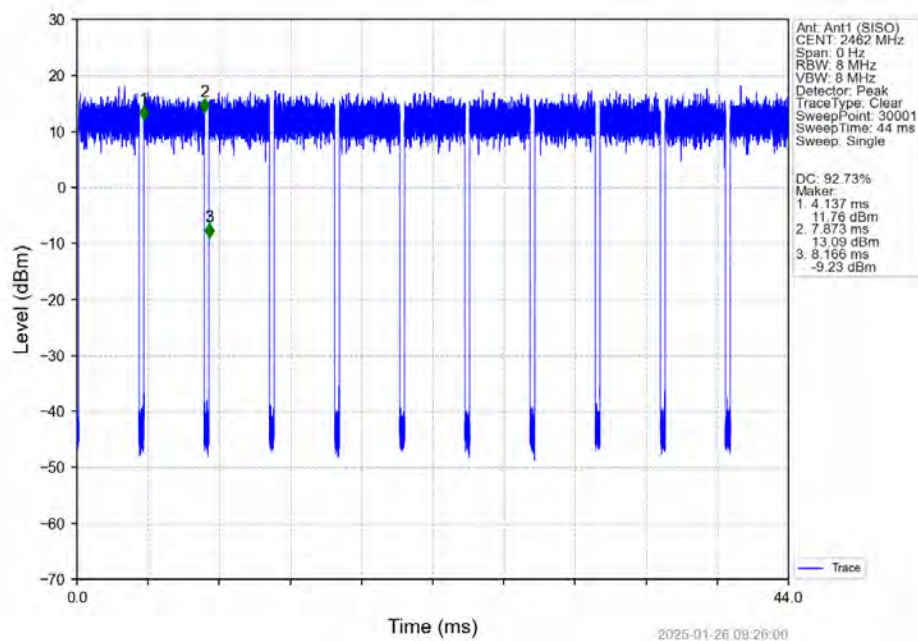
802.11ax(HE20) LCH_2412MHz_RU242 Left_Ant1 (SISO) NTN



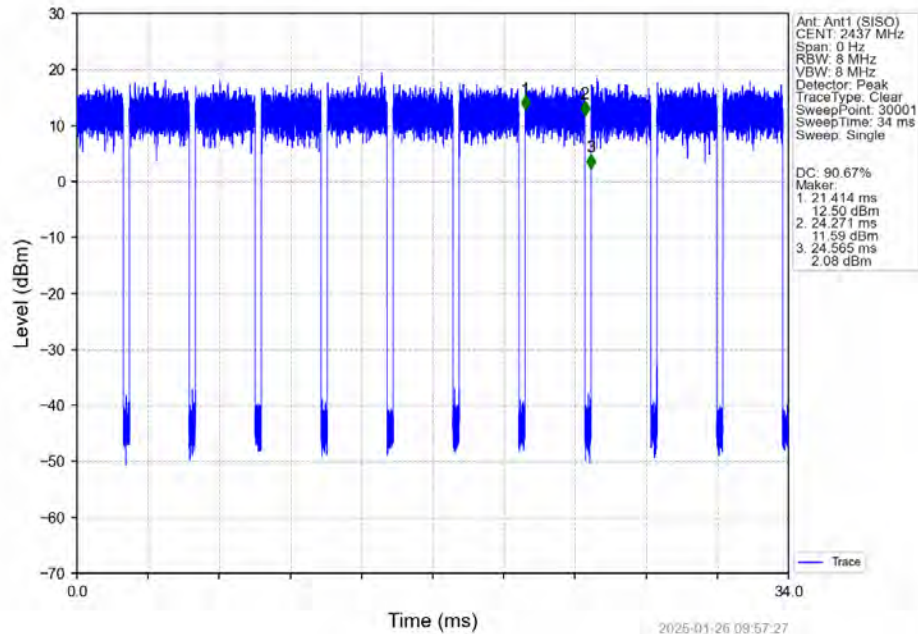
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



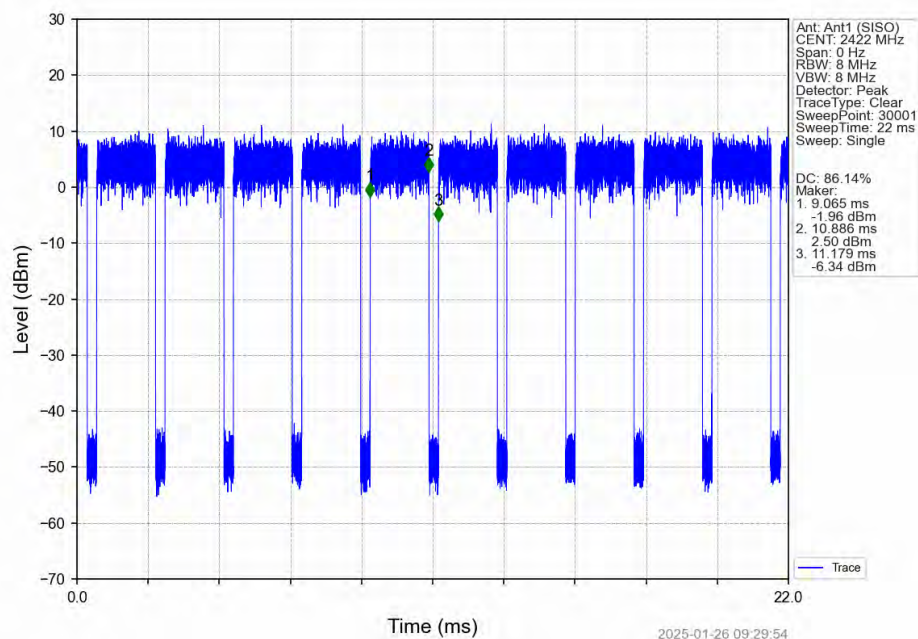
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



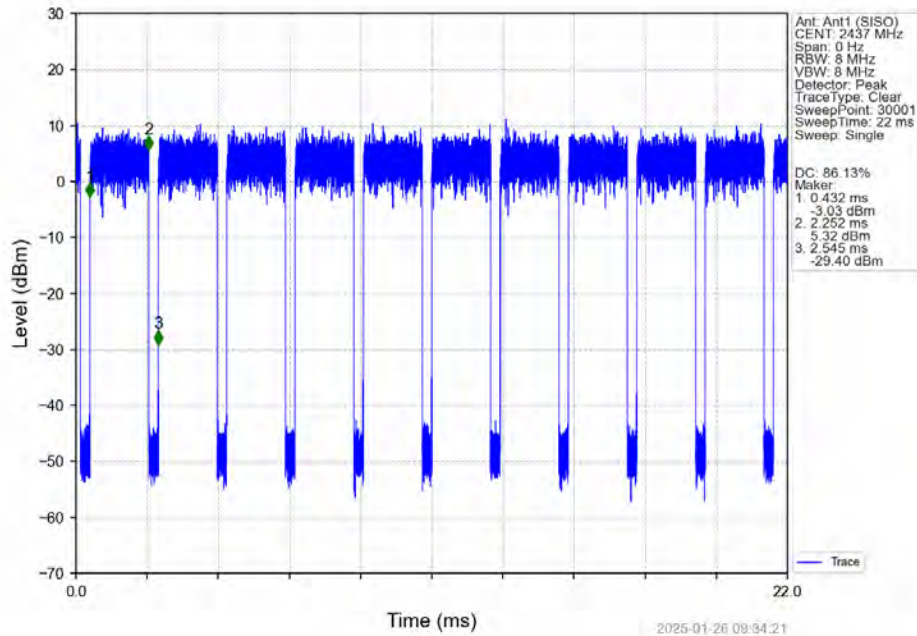
802.11ax(HE20) MCH_2437MHz_RU242_Left_Ant1 (SISO) NTN



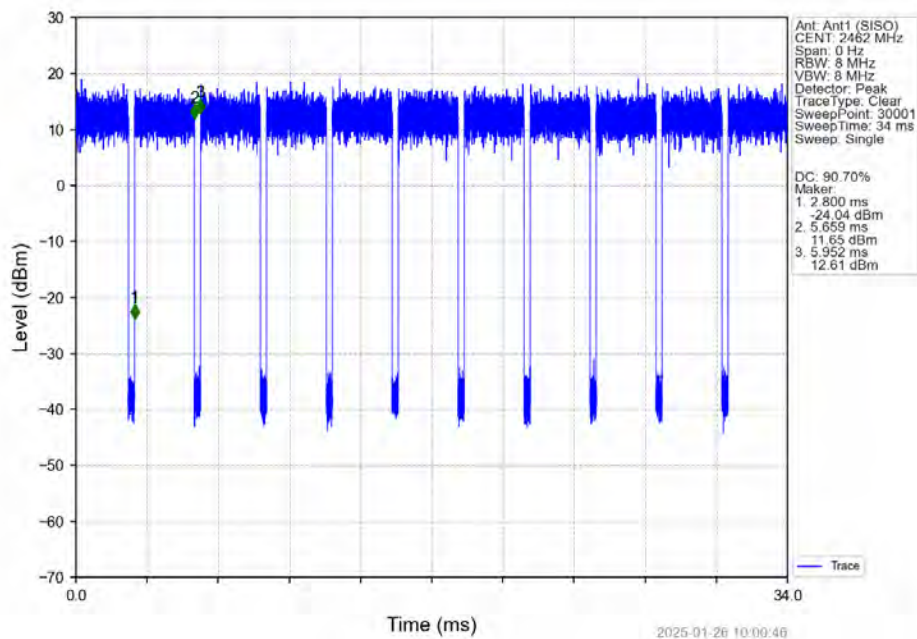
802.11n(HT40) LCH_2422MHz_Ant1 (SISO) NTN



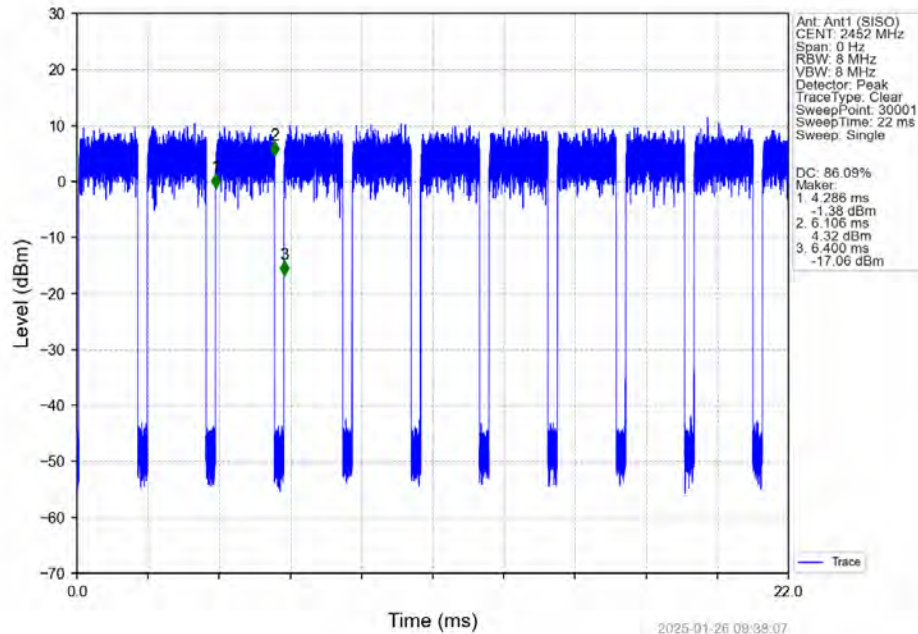
802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



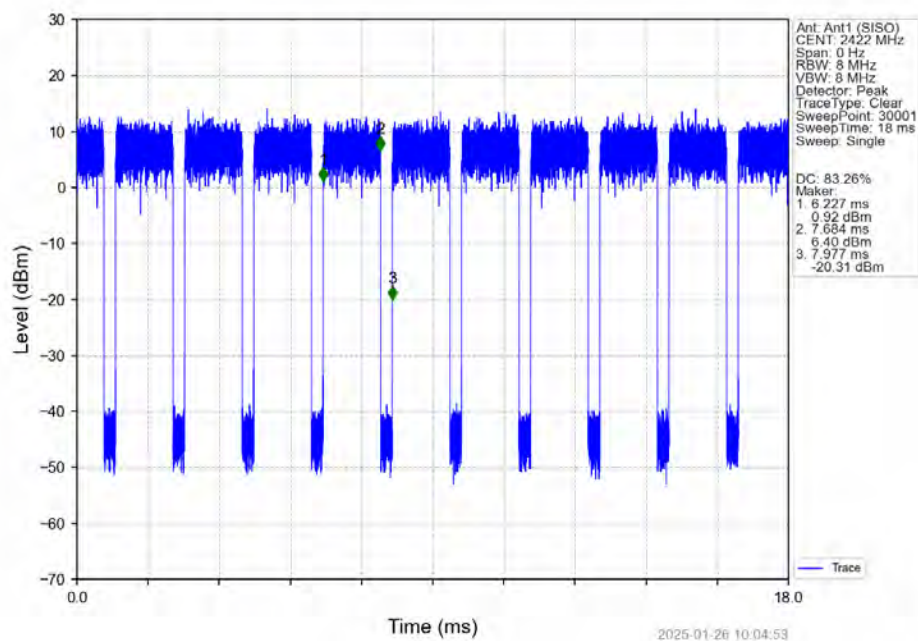
802.11ax(HE20) HCH_2462MHz_RU242_Left Ant1 (SISO) NTN



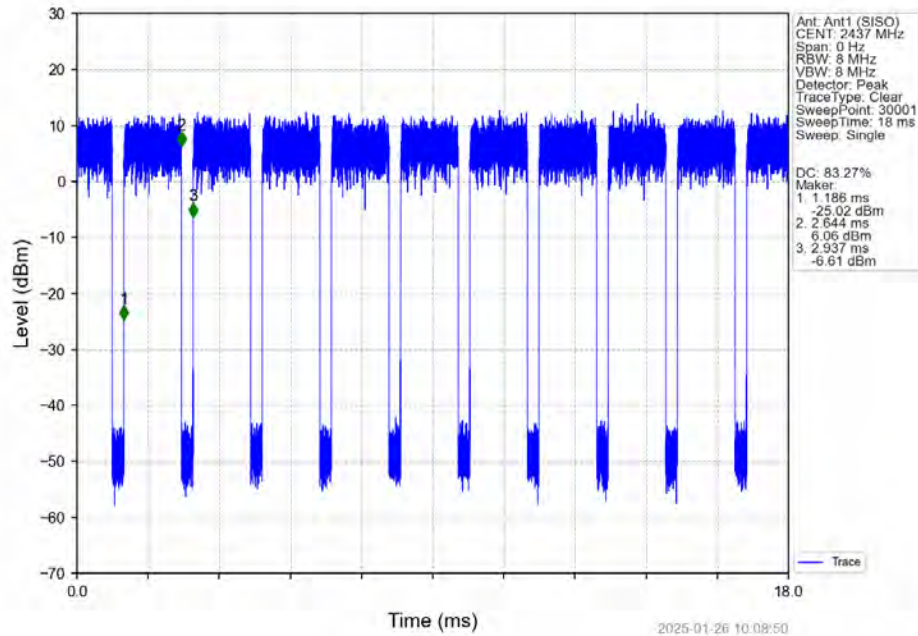
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



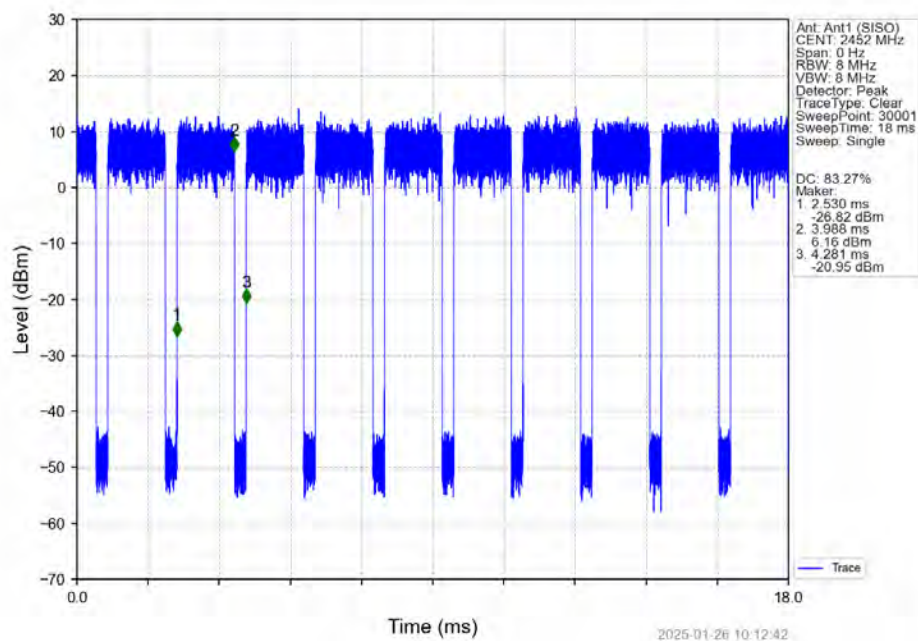
802.11ax(HE40)_LCH_2422MHz_RU484_Left_Ant1 (SISO)_NTNV



802.11ax(HE40) MCH_2437MHz_RU484_Left_Ant1(SISO)_NTNV



802.11ax(HE40) HCH_2452MHz_RU484_Left_Ant1(SISO)_NTNV



2. Bandwidth

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	15.276	/	Pass
		2437	/	/	1	15.192	/	Pass
		2462	/	/	1	15.213	/	Pass
802.11g	SISO	2412	/	/	1	18.561	/	Pass
		2437	/	/	1	18.769	/	Pass
		2462	/	/	1	18.822	/	Pass
802.11n (HT20)	SISO	2412	/	/	1	19.601	/	Pass
		2437	/	/	1	20.019	/	Pass
		2462	/	/	1	19.798	/	Pass
802.11n (HT40)	SISO	2422	/	/	1	38.849	/	Pass
		2437	/	/	1	38.781	/	Pass
		2452	/	/	1	38.666	/	Pass
802.11ax (HE20)	SISO	2412	RU242	Left	1	19.842	/	Pass
		2437	RU242	Left	1	19.952	/	Pass
		2462	RU242	Left	1	19.687	/	Pass
802.11ax (HE40)	SISO	2422	RU484	Left	1	38.781	/	Pass
		2437	RU484	Left	1	39.071	/	Pass
		2452	RU484	Left	1	38.913	/	Pass

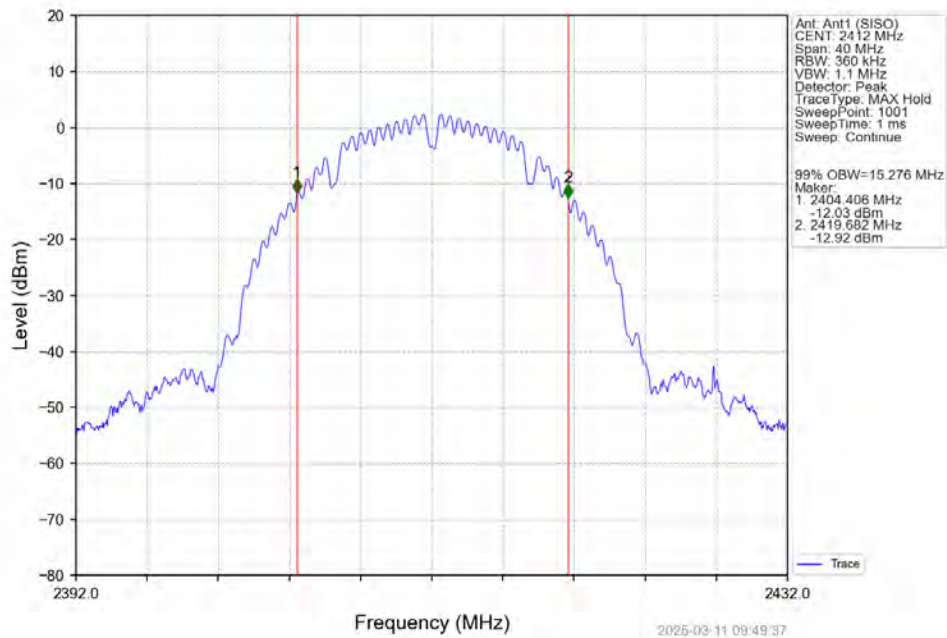
2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	10.115	≥ 0.5	Pass
		2437	/	/	1	10.089	≥ 0.5	Pass
		2462	/	/	1	10.098	≥ 0.5	Pass
802.11g	SISO	2412	/	/	1	15.642	≥ 0.5	Pass
		2437	/	/	1	15.655	≥ 0.5	Pass
		2462	/	/	1	15.154	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	/	/	1	15.466	≥ 0.5	Pass
		2437	/	/	1	15.162	≥ 0.5	Pass
		2462	/	/	1	15.099	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	/	/	1	35.162	≥ 0.5	Pass
		2437	/	/	1	35.510	≥ 0.5	Pass
		2452	/	/	1	35.166	≥ 0.5	Pass
802.11ax (HE20)	SISO	2412	RU242	Left	1	18.265	≥ 0.5	Pass
		2437	RU242	Left	1	17.062	≥ 0.5	Pass
		2462	RU242	Left	1	16.129	≥ 0.5	Pass
802.11ax (HE40)	SISO	2422	RU484	Left	1	36.581	≥ 0.5	Pass
		2437	RU484	Left	1	37.189	≥ 0.5	Pass
		2452	RU484	Left	1	35.175	≥ 0.5	Pass

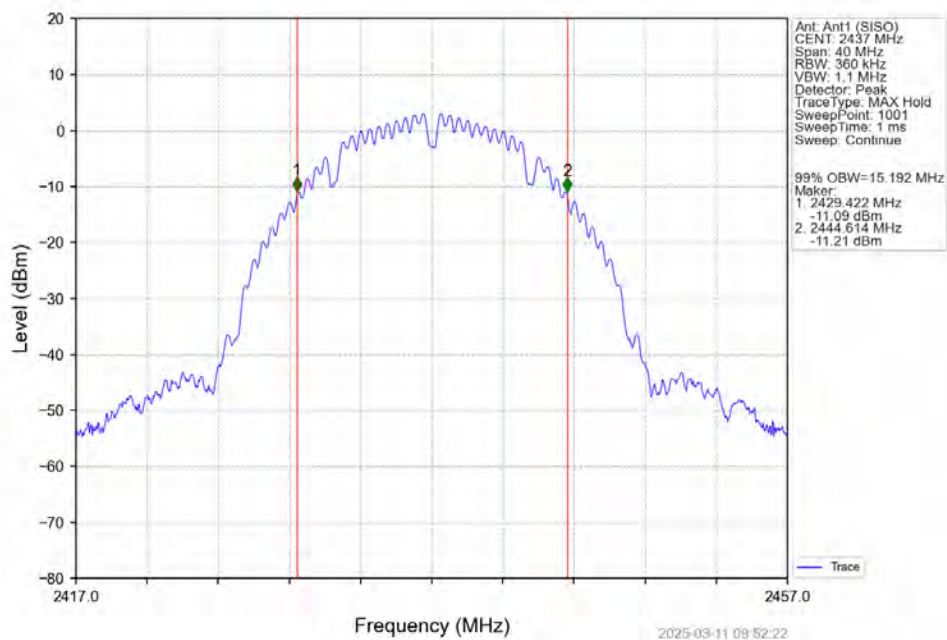
2.2 Test Graph

2.2.1 OBW

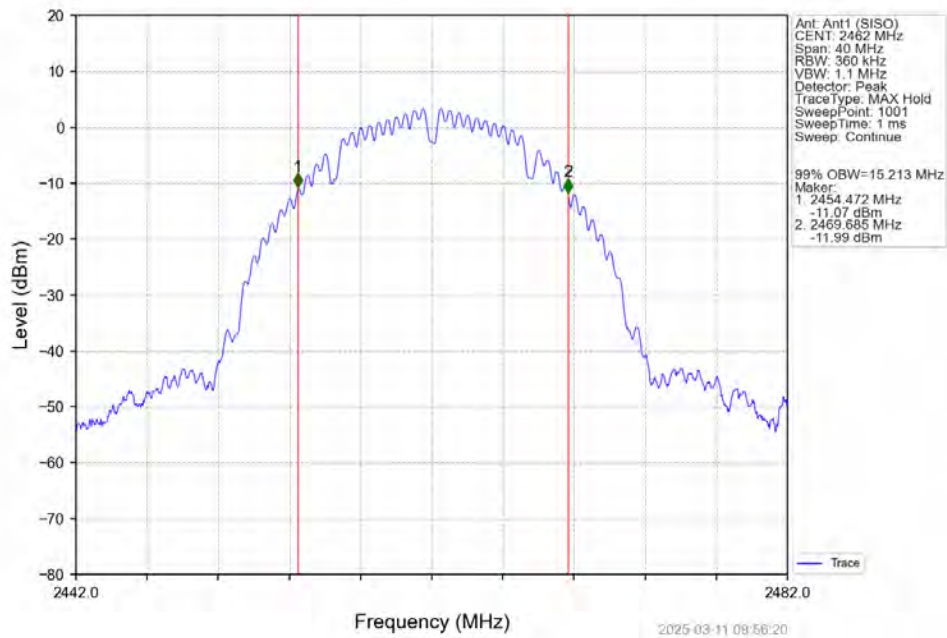
802.11b LCH 2412MHz_Ant1 (SISO) _NTNV



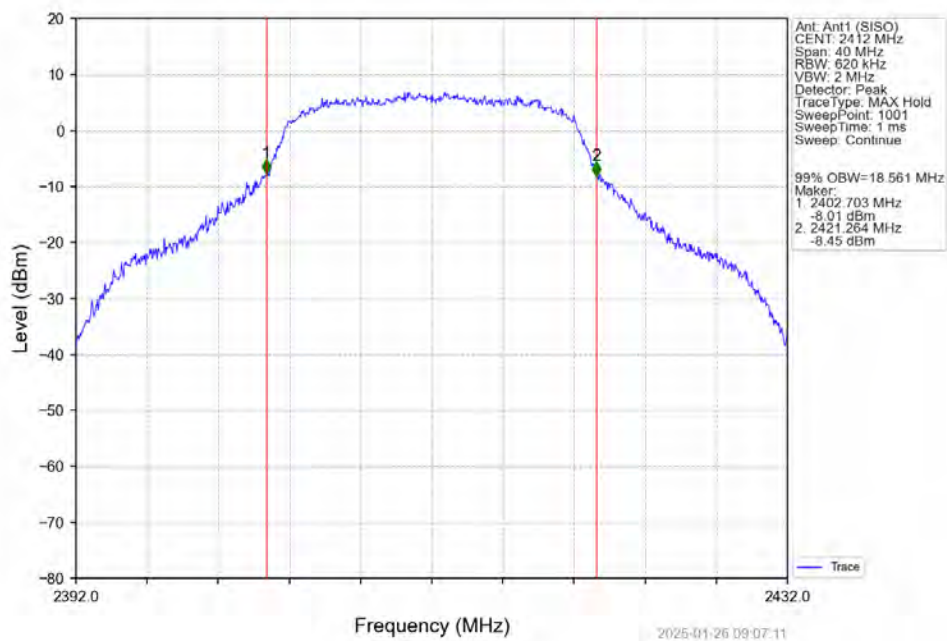
802.11b MCH 2437MHz_Ant1 (SISO) _NTNV



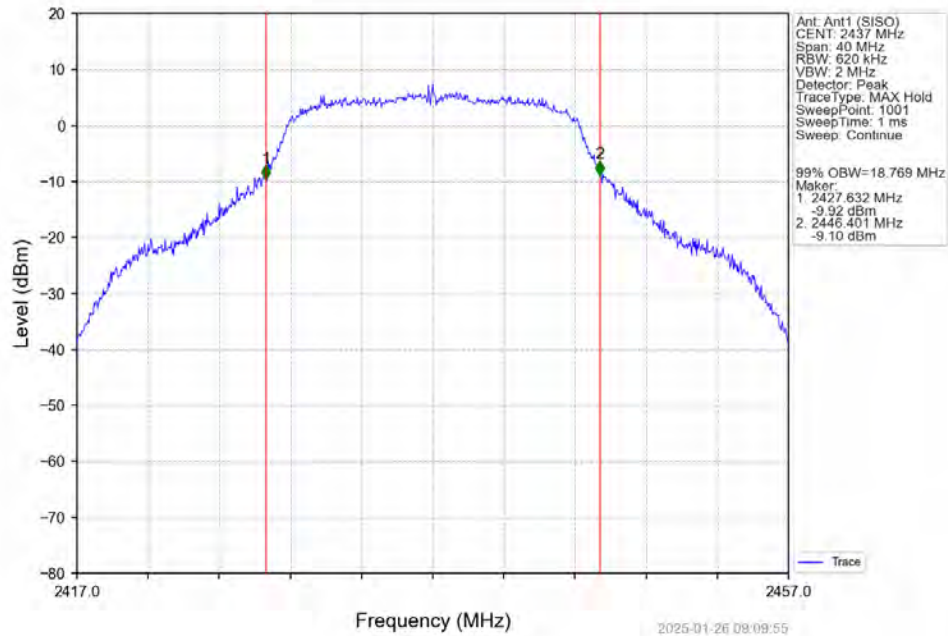
802.11b HCH 2462MHz Ant1 (SISO) NTN



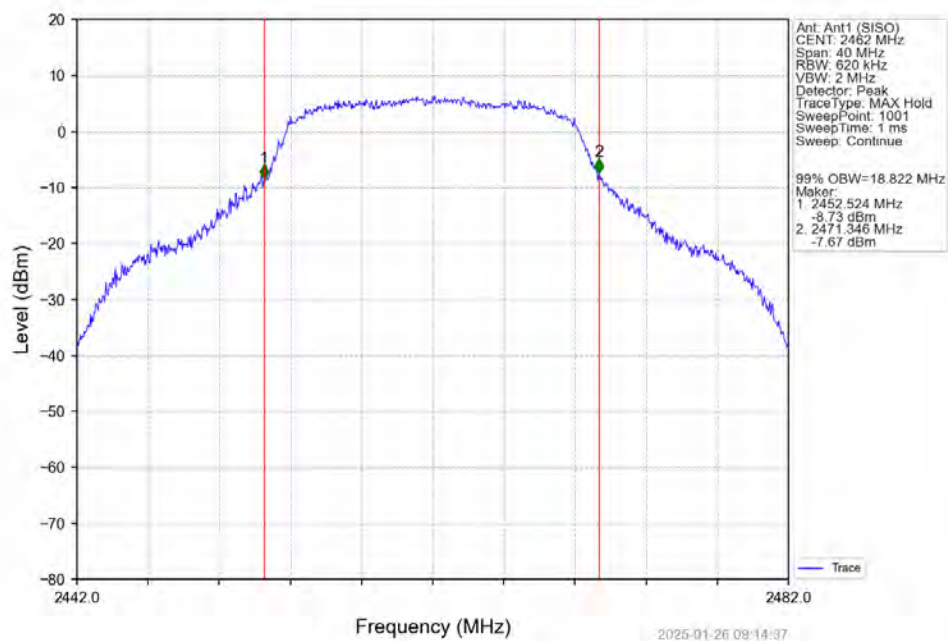
802.11g LCH 2412MHz Ant1 (SISO) NTN



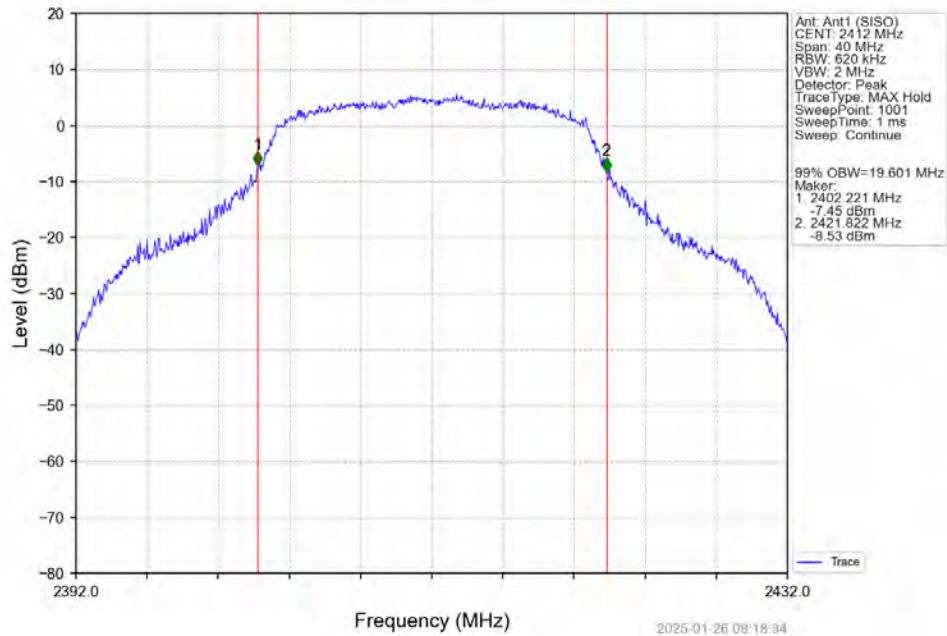
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



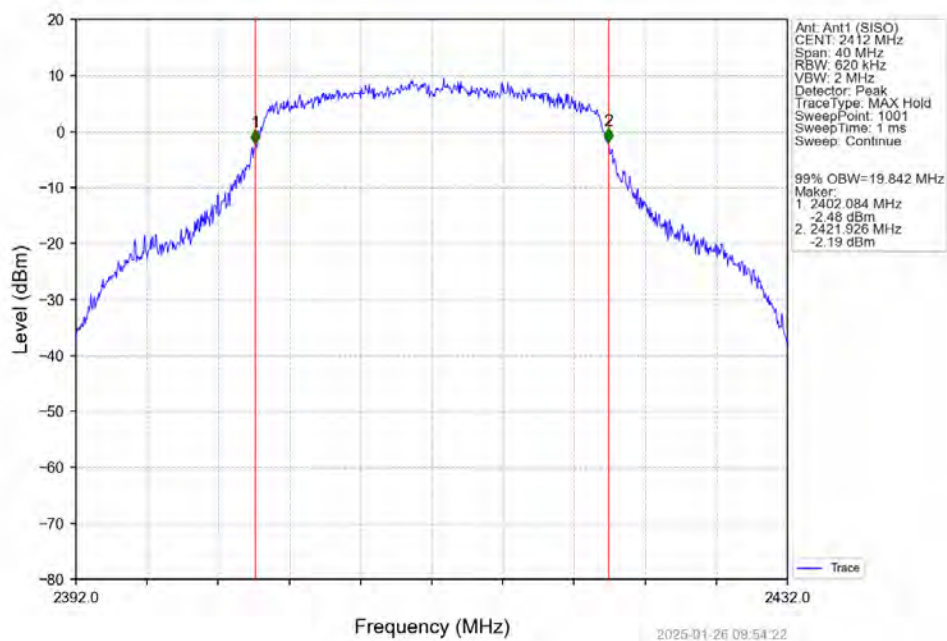
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



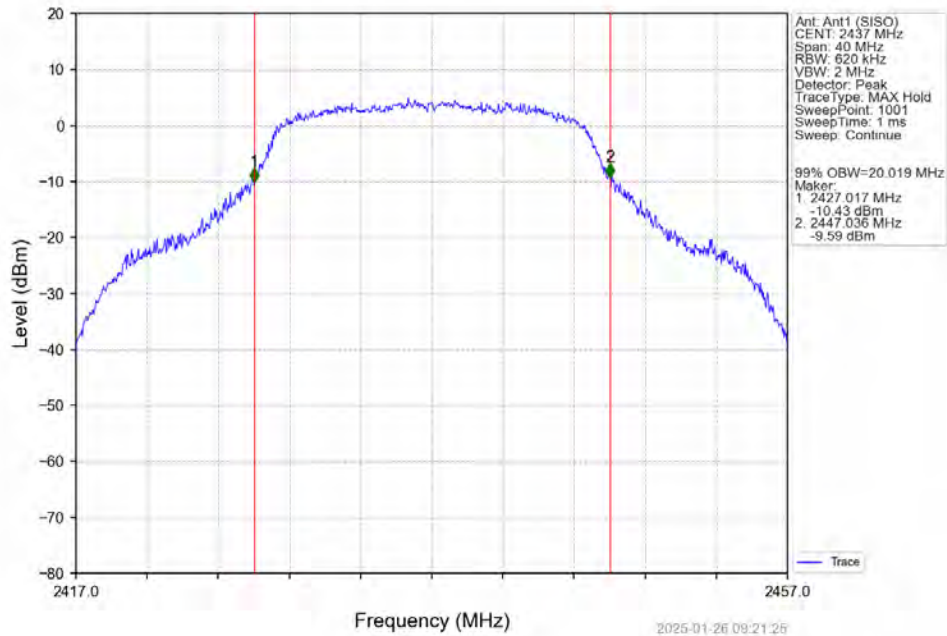
802.11n(HT20) LCH_2412MHz_Ant1 (SISO) NTN



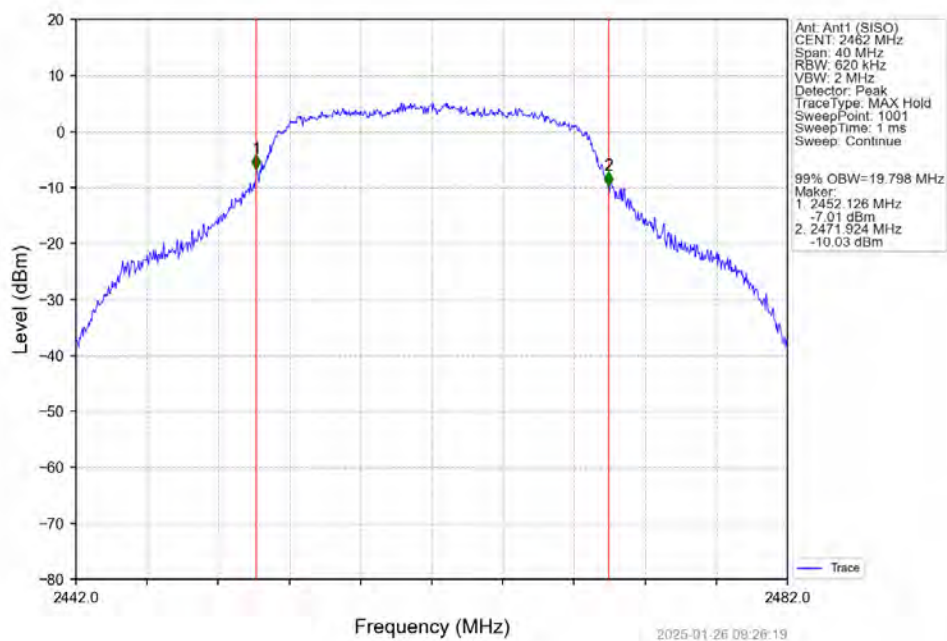
802.11ax(HE20) LCH_2412MHz_RU242 Left_Ant1 (SISO) NTN



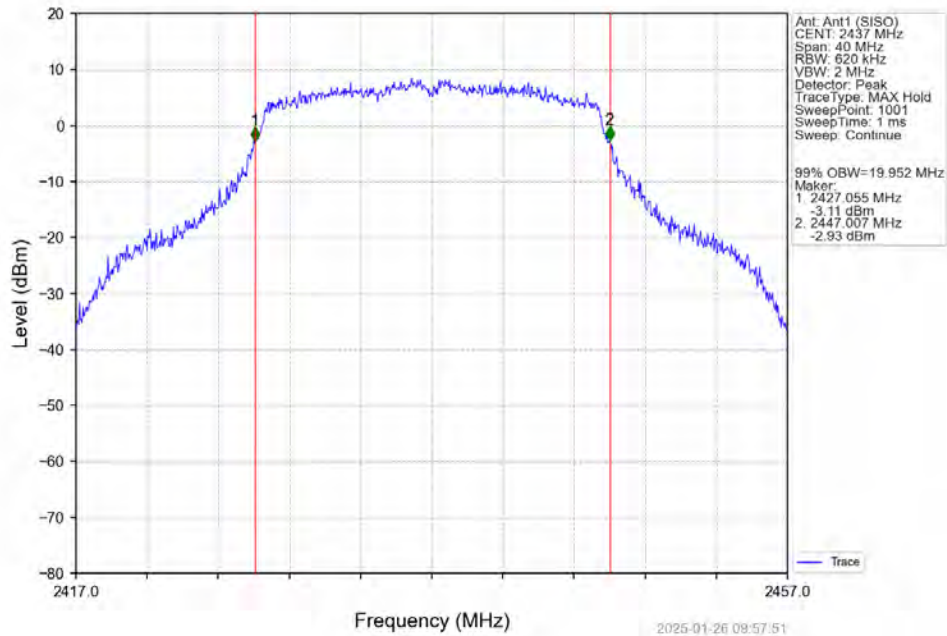
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



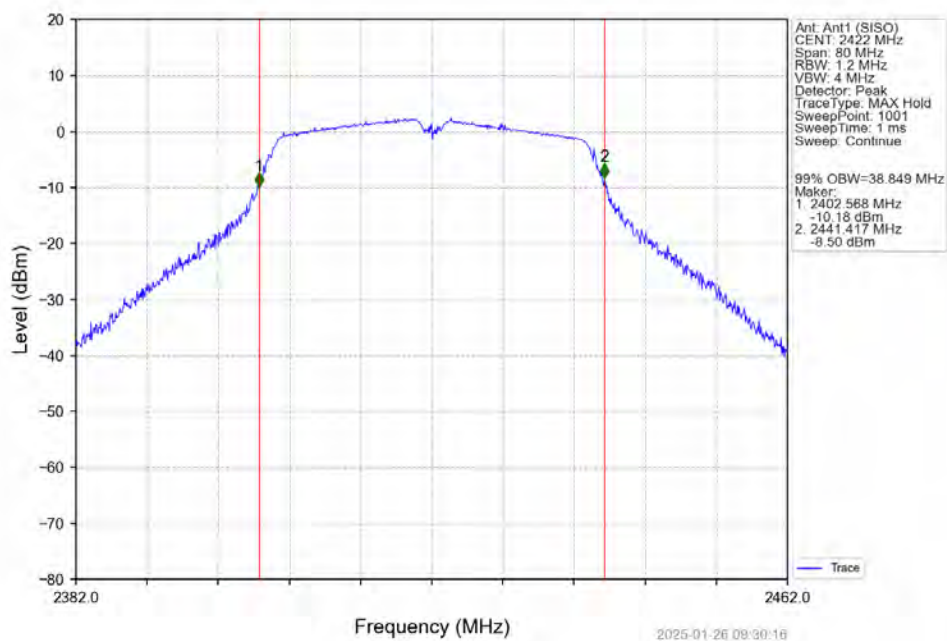
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



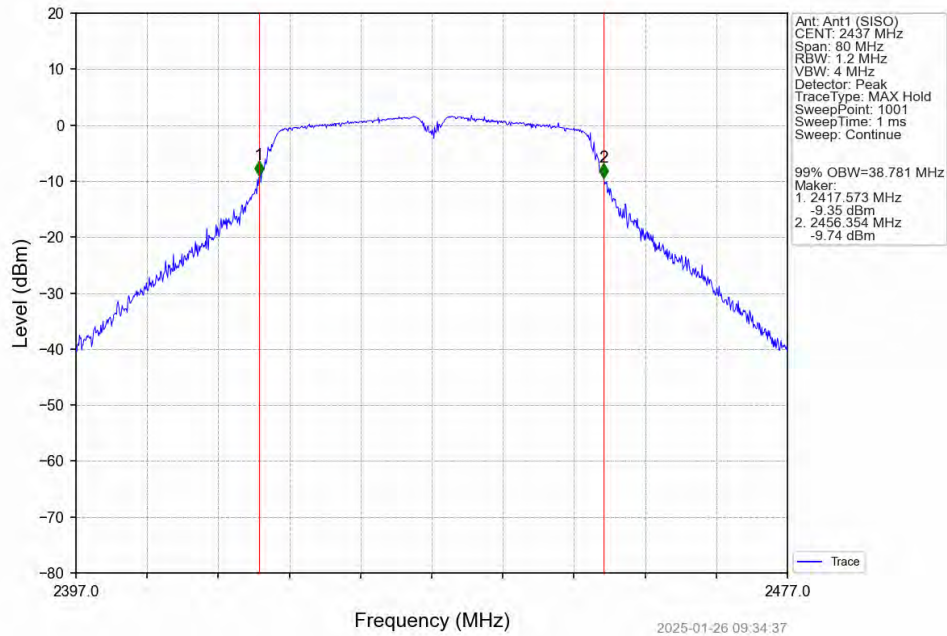
802.11ax(HE20) MCH 2437MHz RU242 Left Ant1 (SISO) NTN



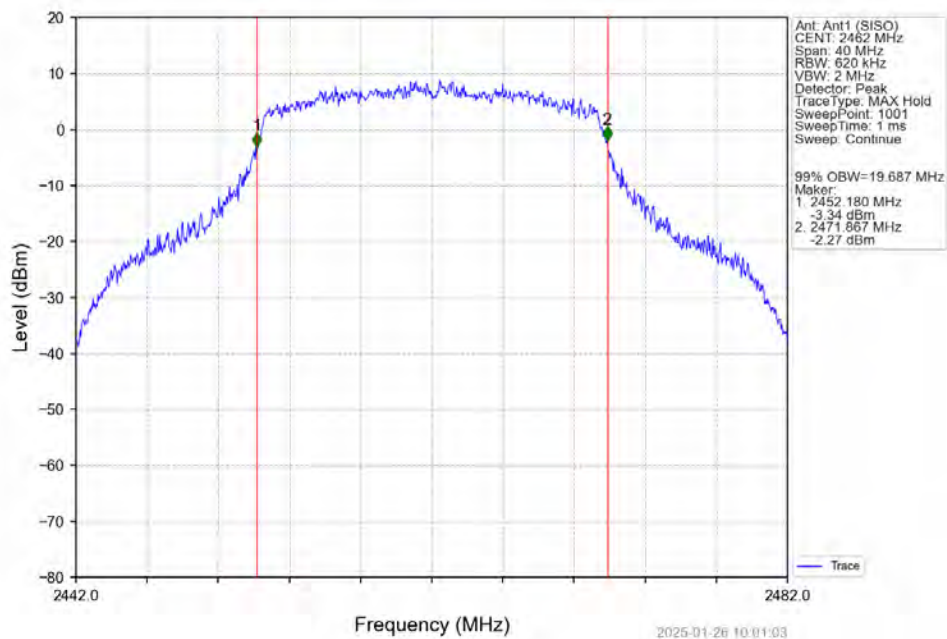
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



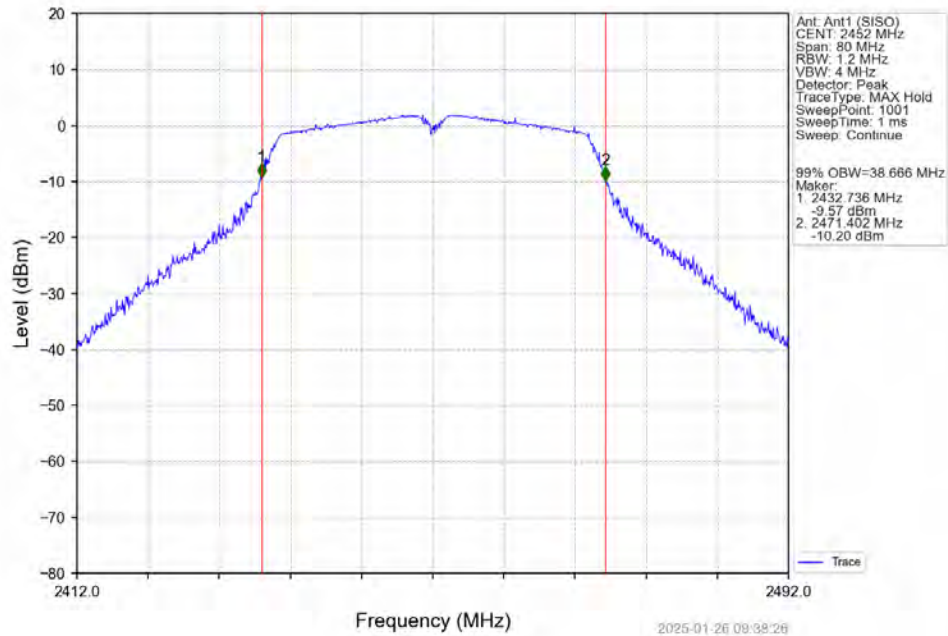
802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



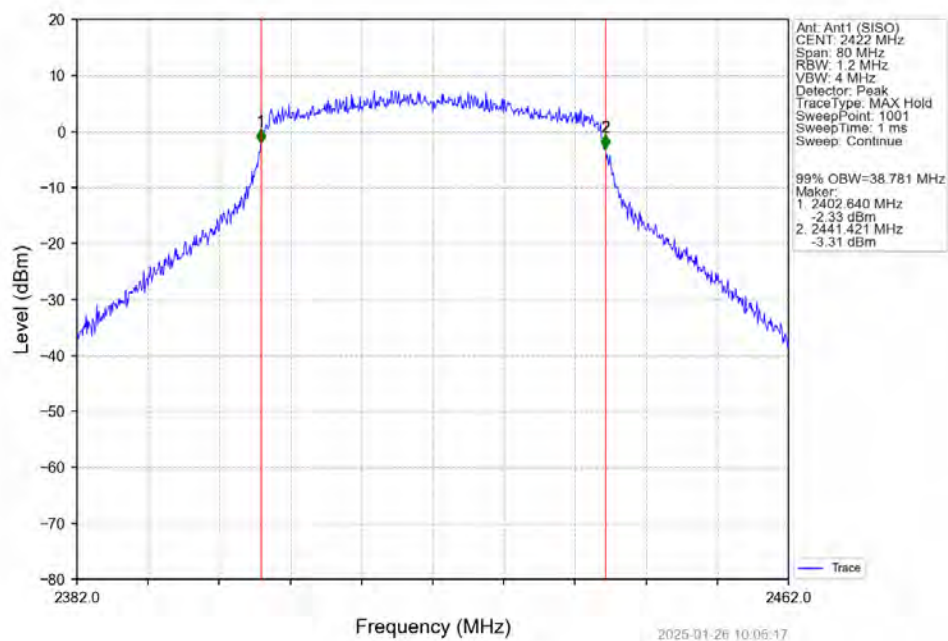
802.11ax(HE20) HCH_2462MHz_RU242_Left Ant1 (SISO) NTN



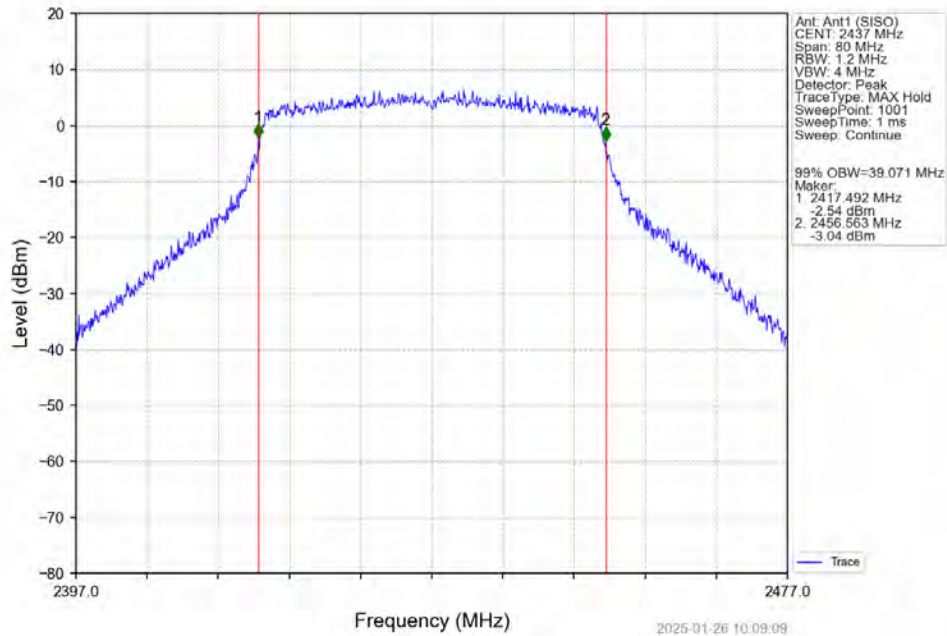
802.11n(HT40) HCH 2452MHz Ant1 (SISO) NTNV



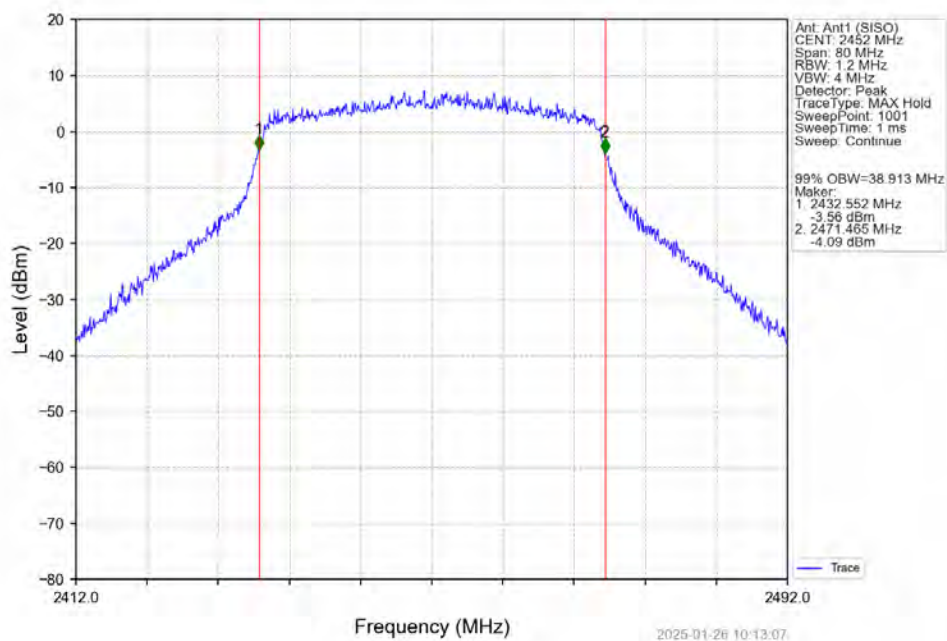
802.11ax(HE40) LCH 2422MHz RU484 Left Ant1 (SISO) NTNV



802.11ax(HE40) MCH_2437MHz_RU484_Left_Ant1(SISO)_NTNV

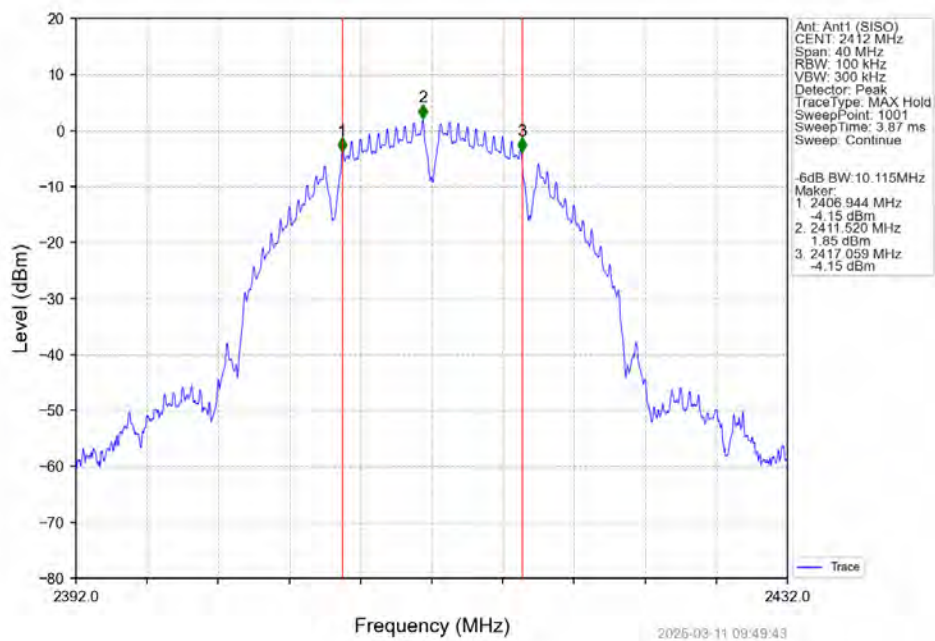


802.11ax(HE40) HCH_2452MHz_RU484_Left_Ant1(SISO)_NTNV

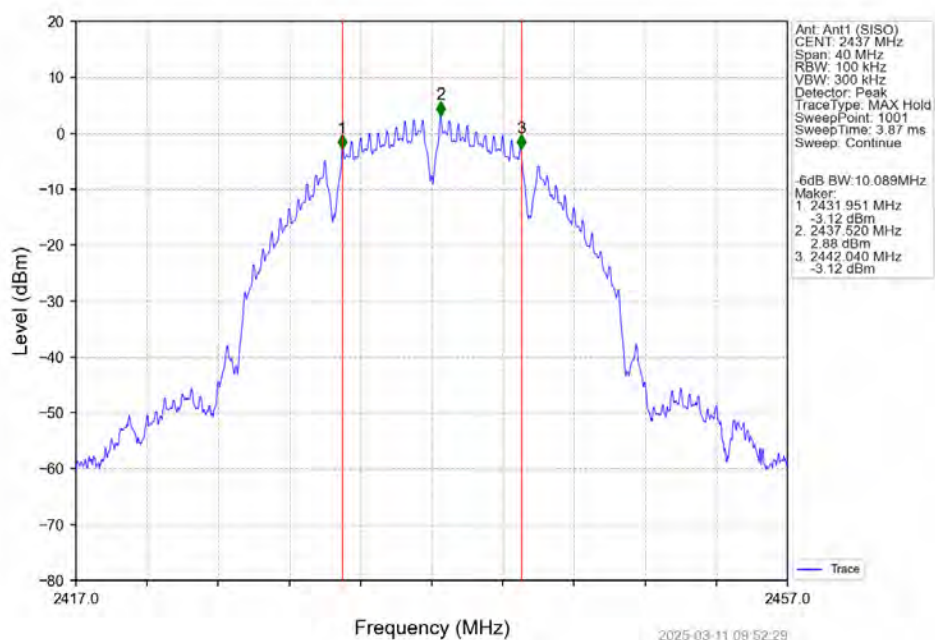


2.2.2 6dB BW

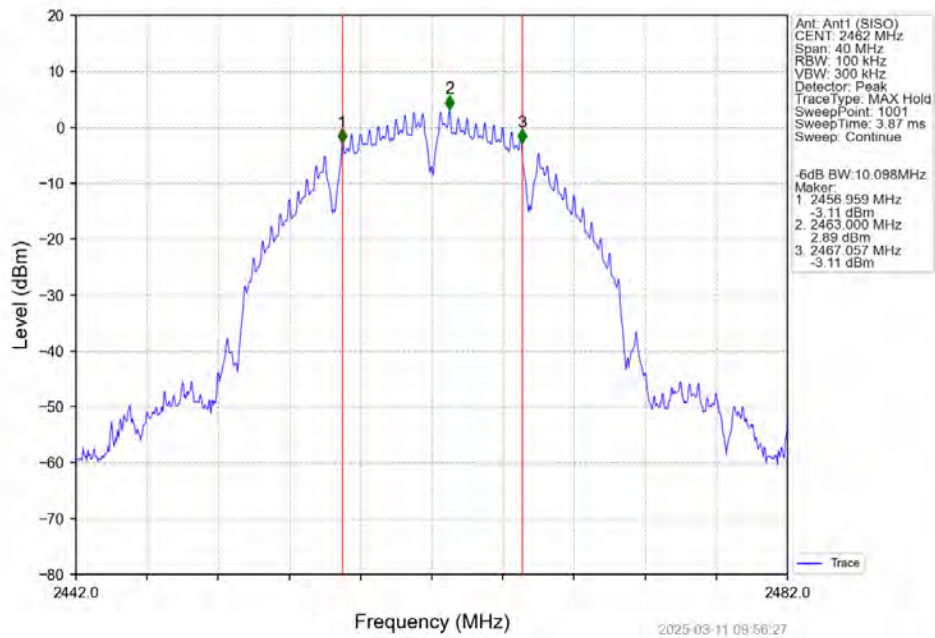
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



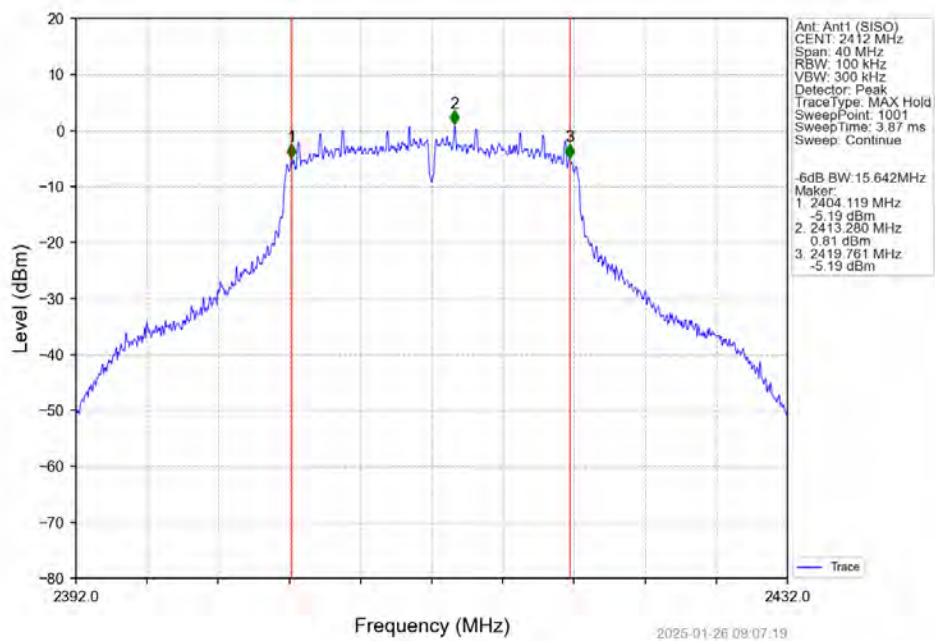
802.11b MCH 2437MHz_Ant1 (SISO)_NTNV



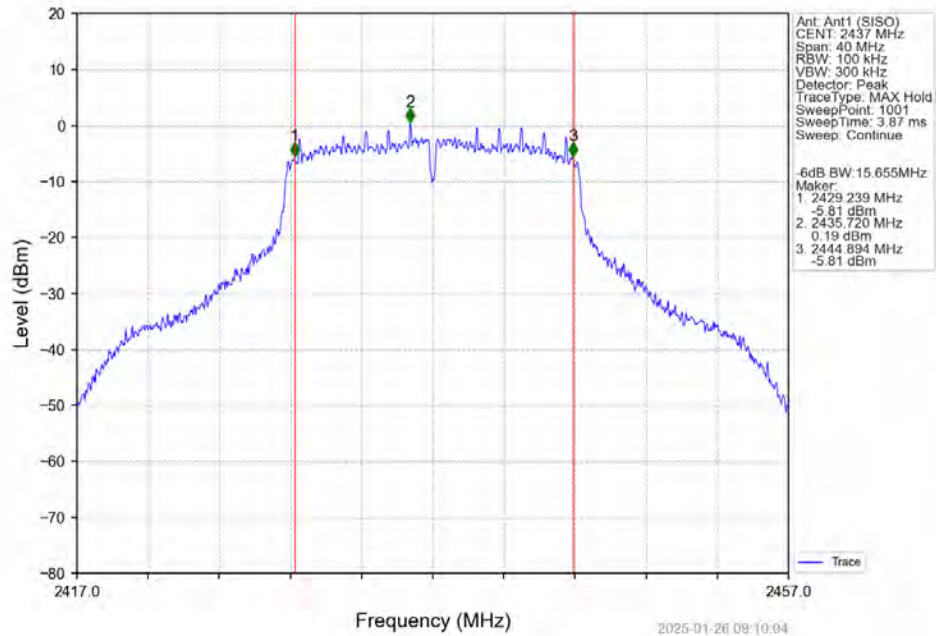
802.11b HCH 2462MHz Ant1 (SISO) NTN



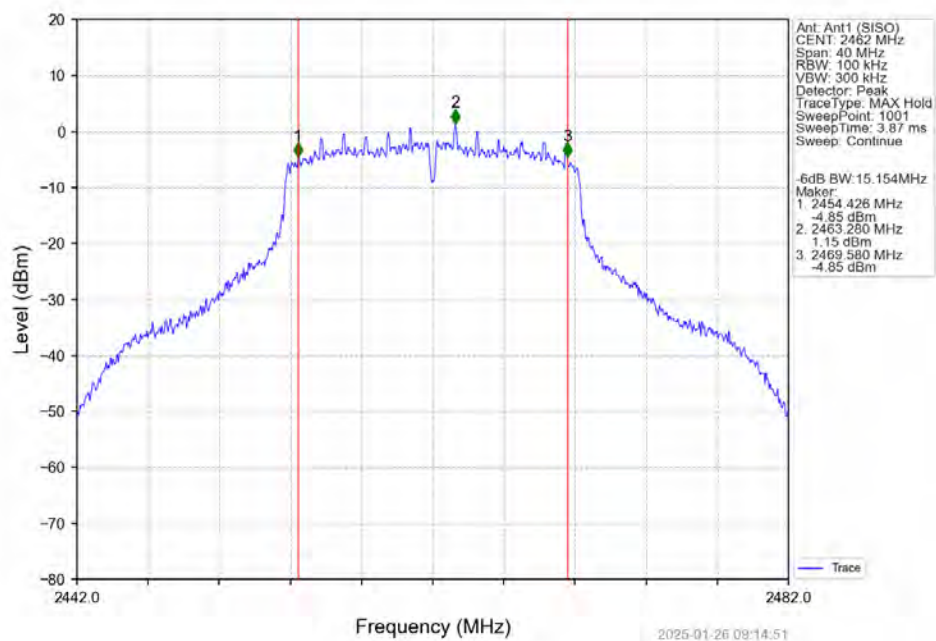
802.11g LCH 2412MHz Ant1 (SISO) NTN



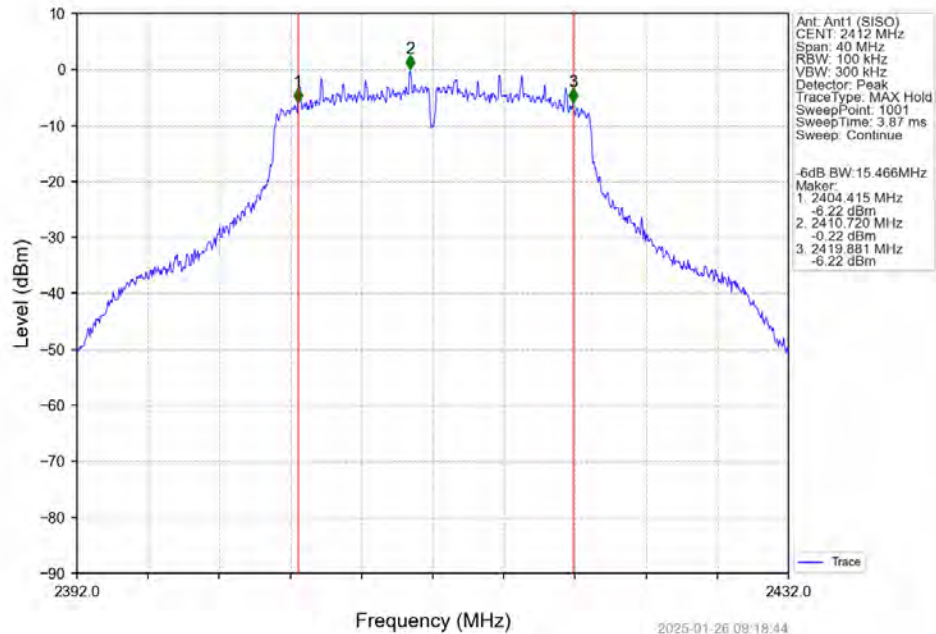
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



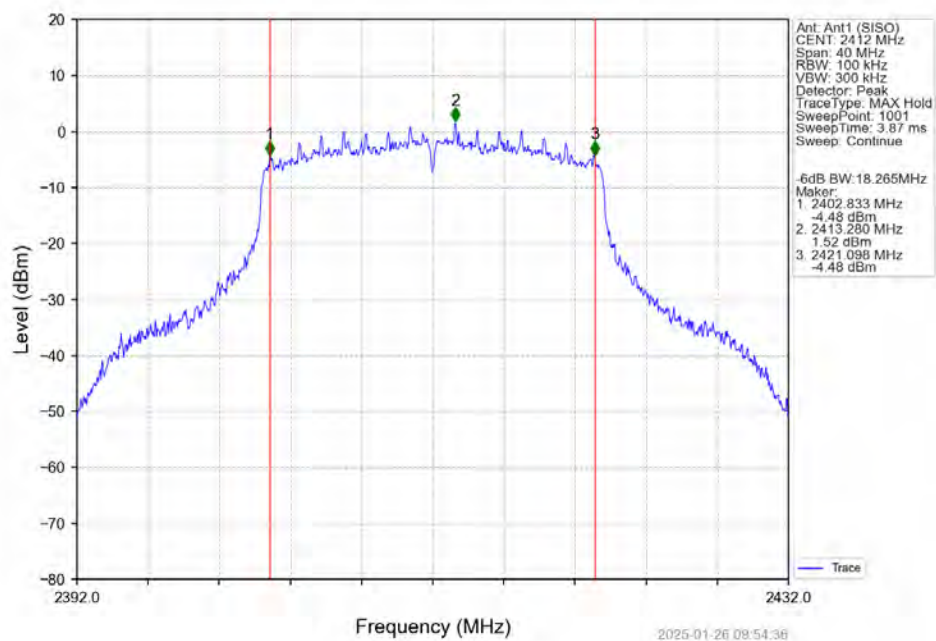
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



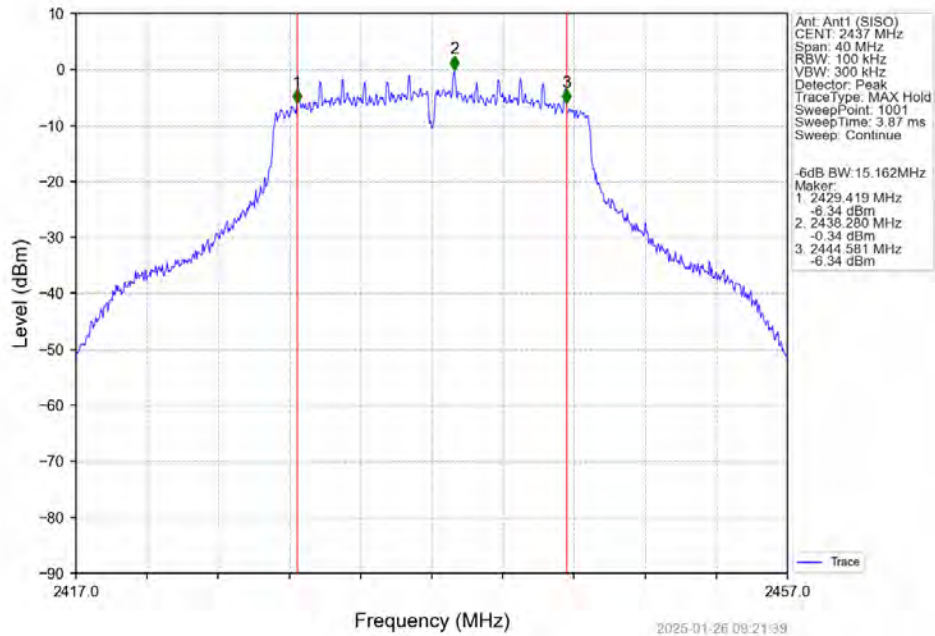
802.11n(HT20) LCH_2412MHz_Ant1 (SISO) NTN



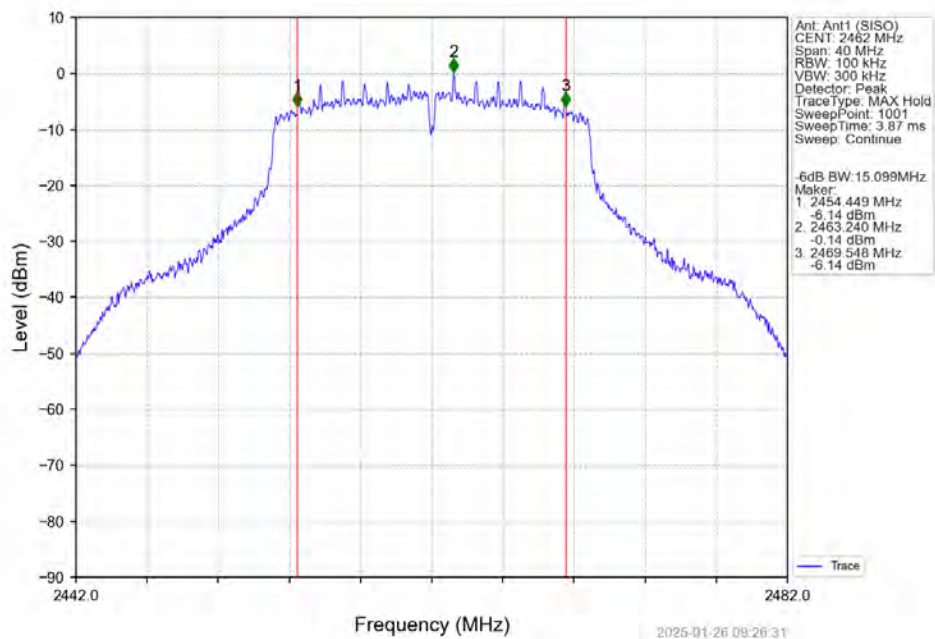
802.11ax(HE20) LCH_2412MHz_RU242_Left_Ant1 (SISO) NTN



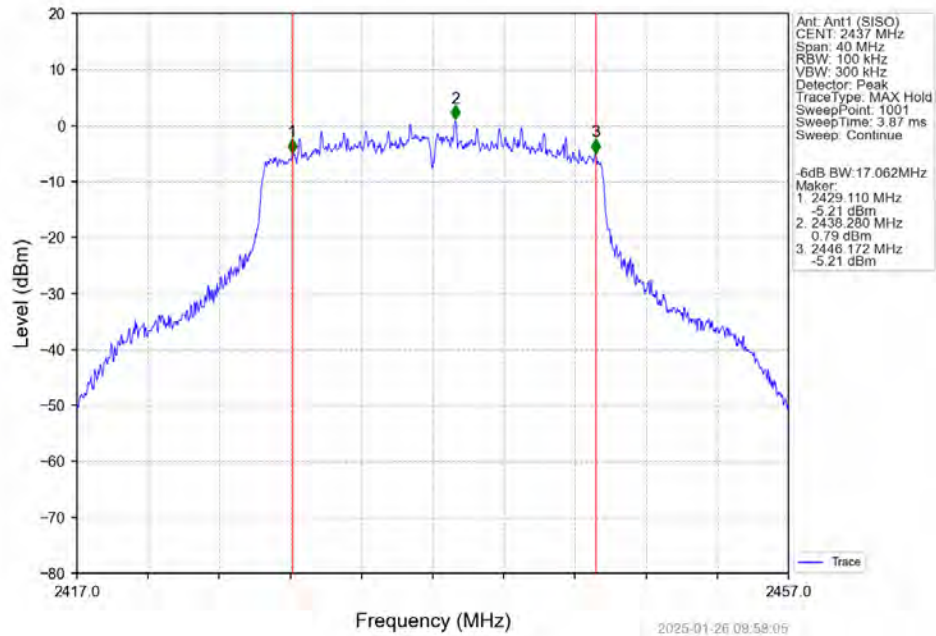
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



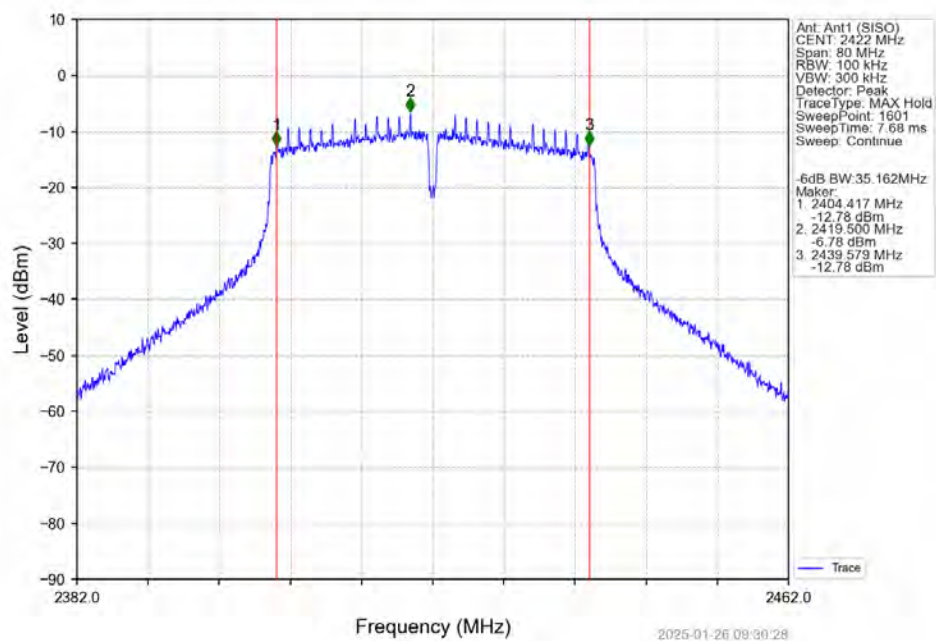
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



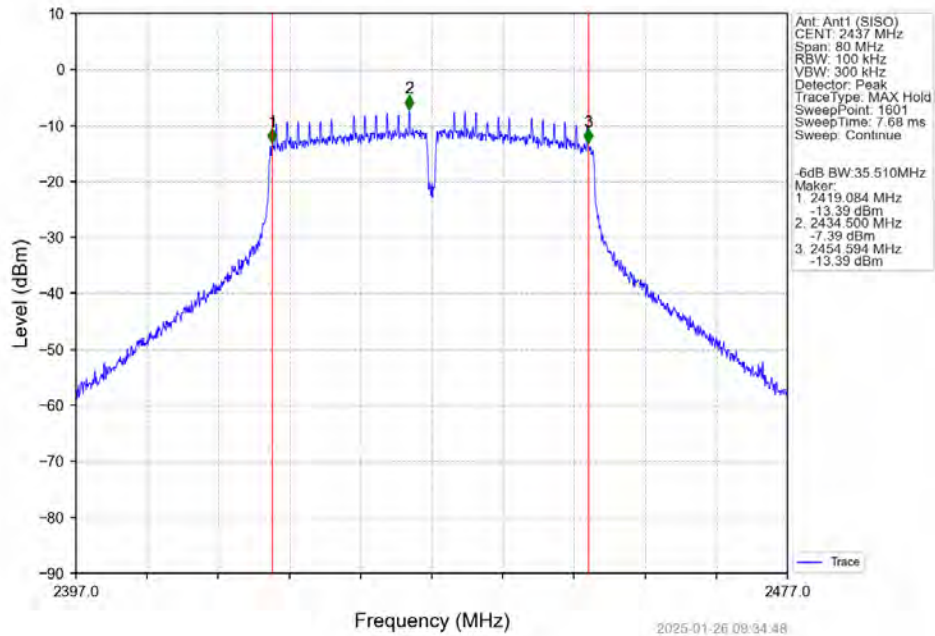
802.11ax(HE20) MCH_2437MHz_RU242_Left_Ant1 (SISO) NTN



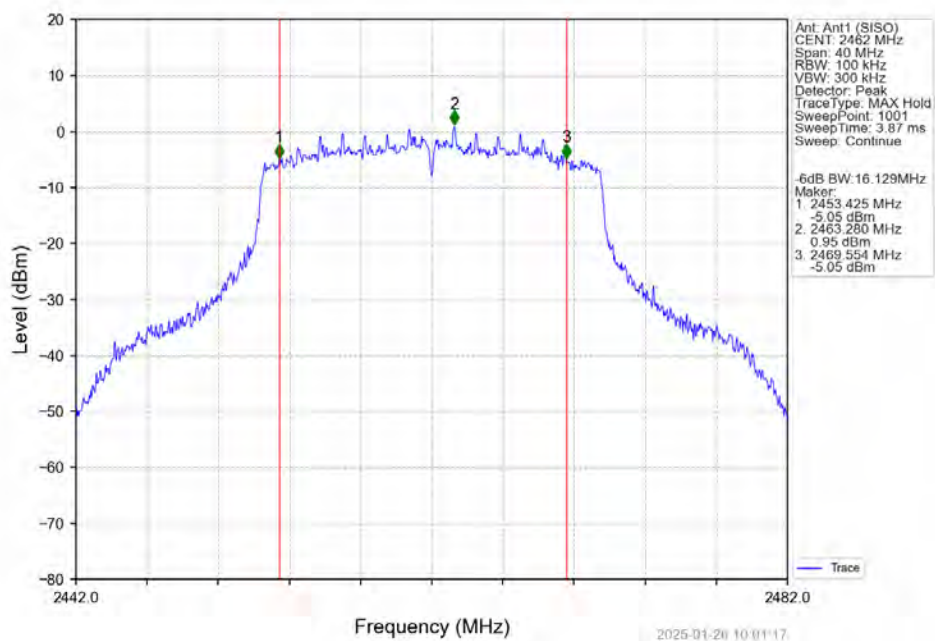
802.11n(HT40) LCH_2422MHz_Ant1 (SISO) NTN



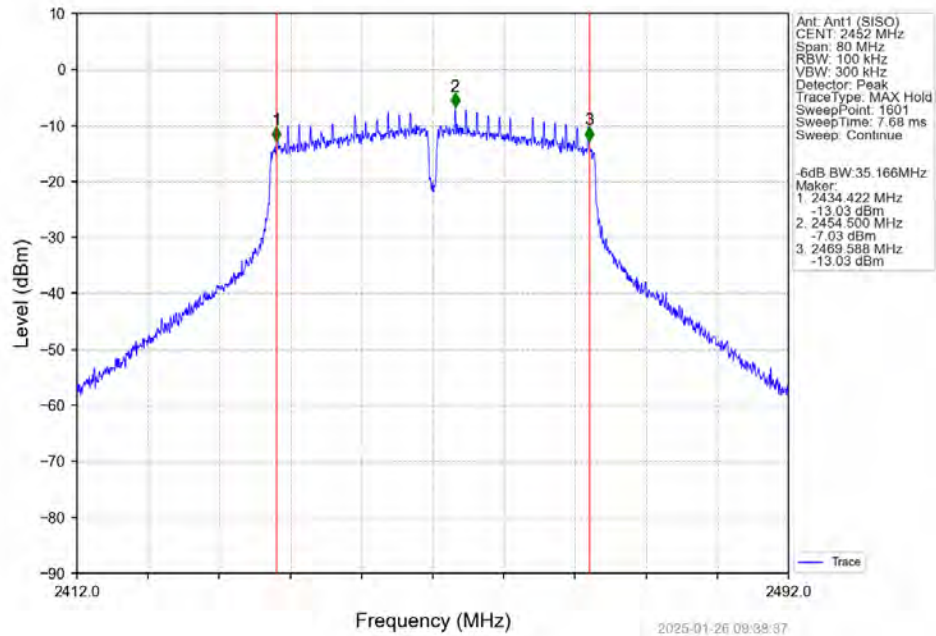
802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



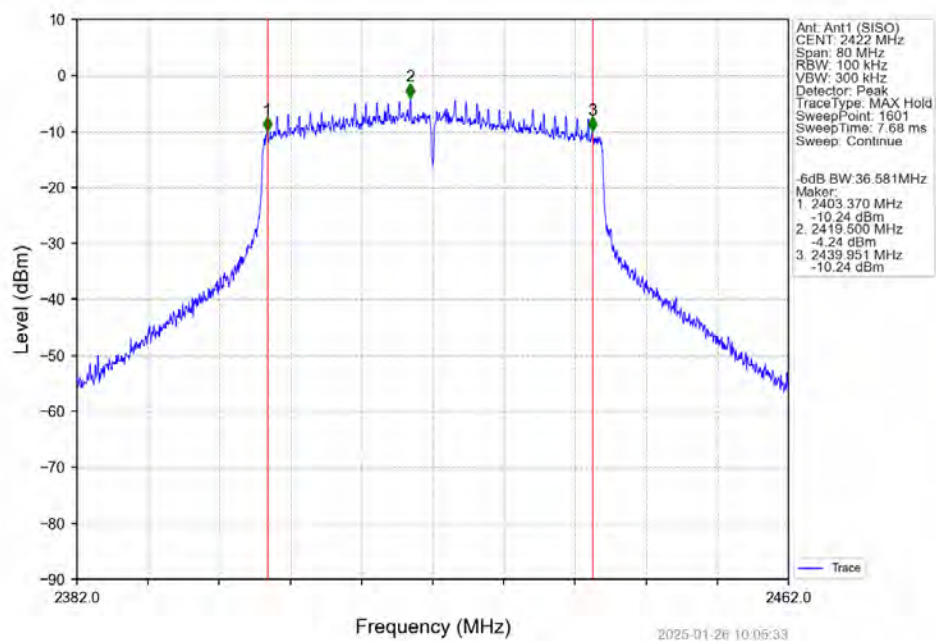
802.11ax(HE20) HCH_2462MHz_RU242_Left Ant1 (SISO) NTN



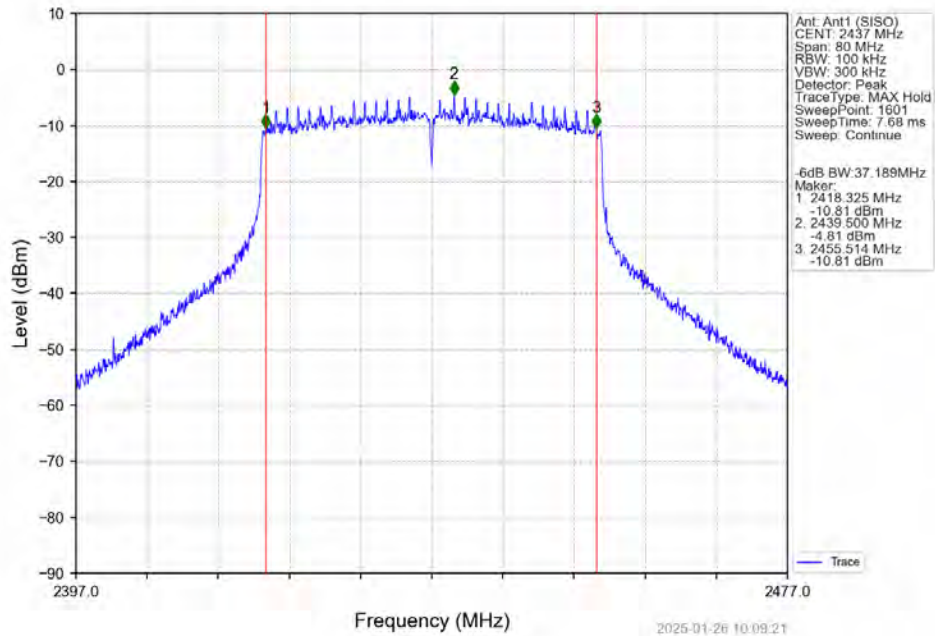
802.11n(HT40) HCH 2452MHz Ant1 (SISO) NTN



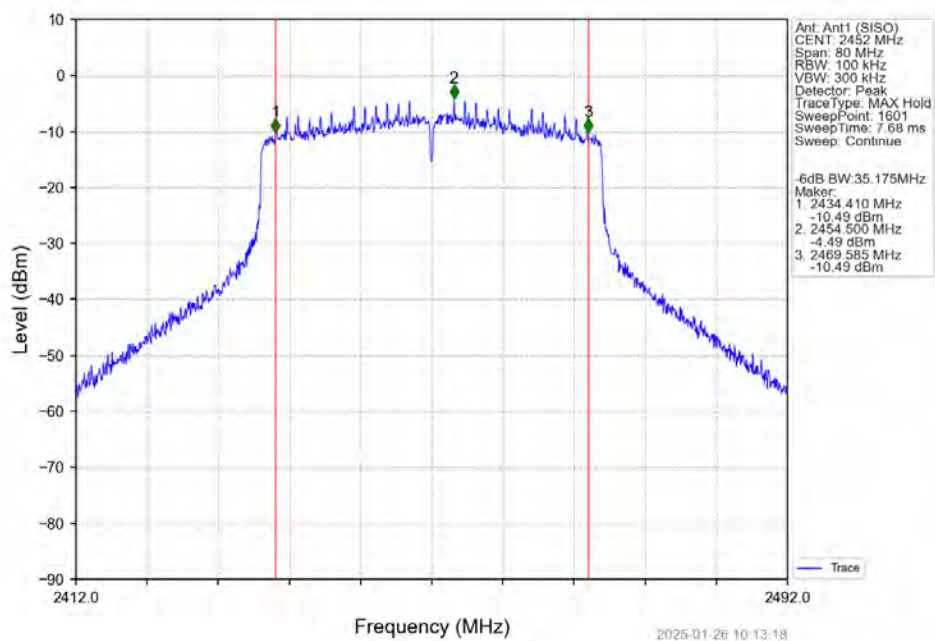
802.11ax(HE40) LCH 2422MHz RU484 Left Ant1 (SISO) NTN



802.11ax(HE40) MCH_2437MHz_RU484_Left_Ant1(SISO)_NTNV



802.11ax(HE40) HCH_2452MHz_RU484_Left_Ant1(SISO)_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

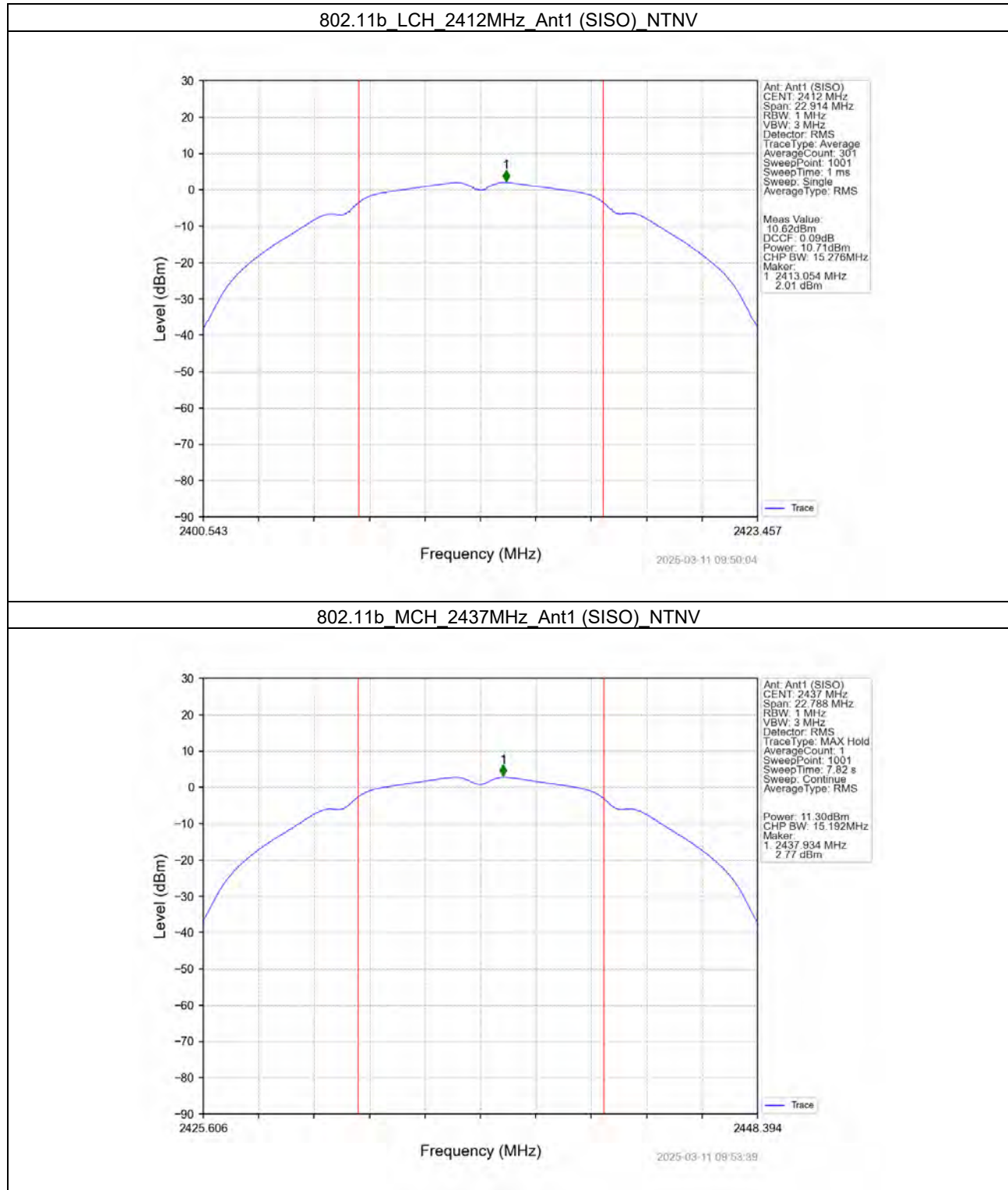
3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	10.71	<=30	Pass
		2437	/	/	11.30	<=30	Pass
		2462	/	/	11.53	<=30	Pass
802.11g	SISO	2412	/	/	11.48	<=30	Pass
		2437	/	/	10.87	<=30	Pass
		2462	/	/	10.81	<=30	Pass
802.11n (HT20)	SISO	2412	/	/	10.26	<=30	Pass
		2437	/	/	9.62	<=30	Pass
		2462	/	/	9.88	<=30	Pass
802.11n (HT40)	SISO	2422	/	/	6.17	<=30	Pass
		2437	/	/	6.13	<=30	Pass
		2452	/	/	6.14	<=30	Pass
802.11ax (HE20)	SISO	2412	RU242	Left	10.94	<=30	Pass
		2437	RU242	Left	10.65	<=30	Pass
		2462	RU242	Left	10.76	<=30	Pass
802.11ax (HE40)	SISO	2422	RU484	Left	8.68	<=30	Pass
		2437	RU484	Left	8.65	<=30	Pass
		2452	RU484	Left	8.67	<=30	Pass

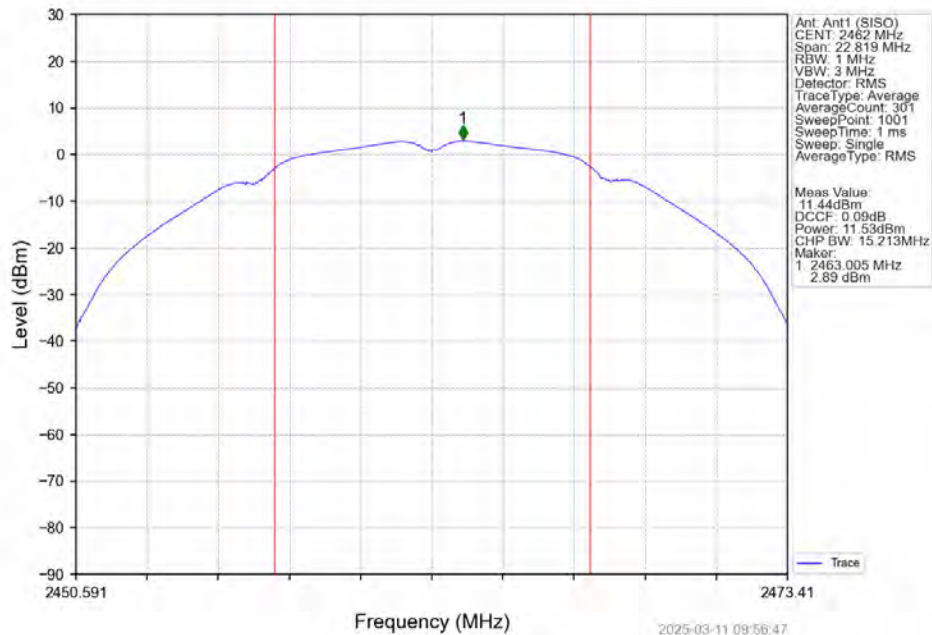
Note1: Antenna Gain: Ant1: 2.50dBi;

3.2 Test Graph

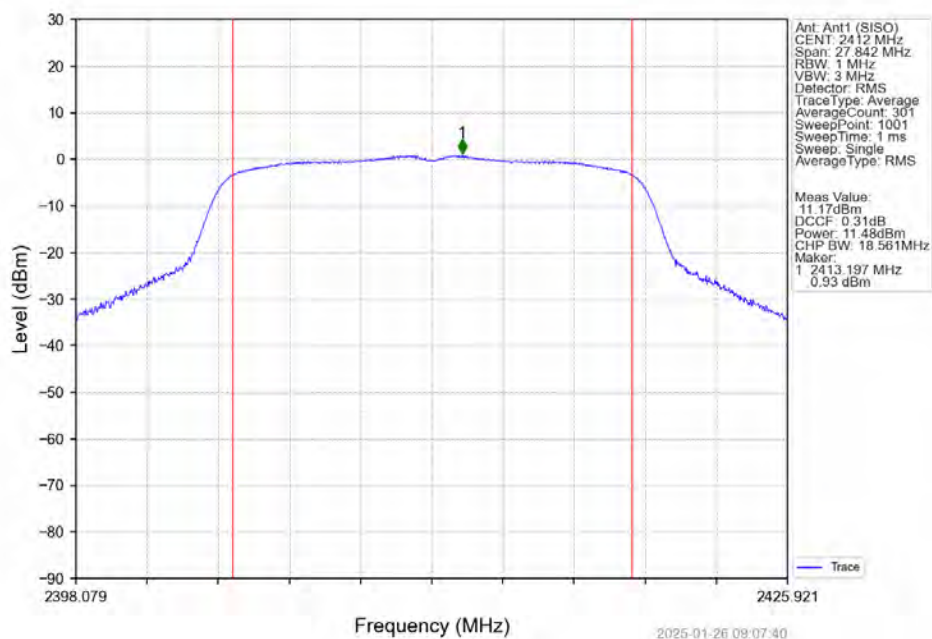
3.2.1 Power



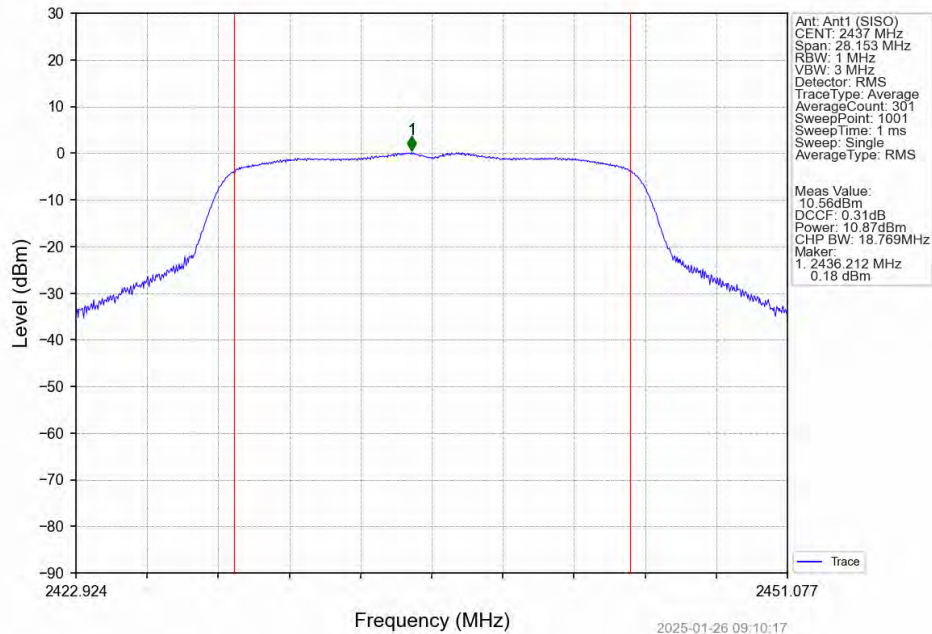
802.11b HCH 2462MHz Ant1 (SISO) NTN



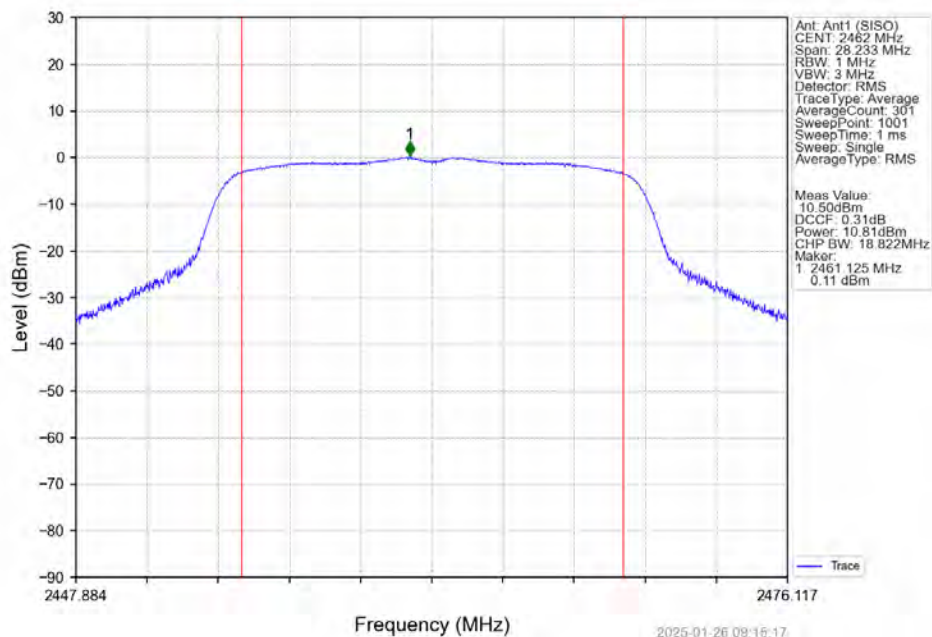
802.11g LCH 2412MHz Ant1 (SISO) NTN



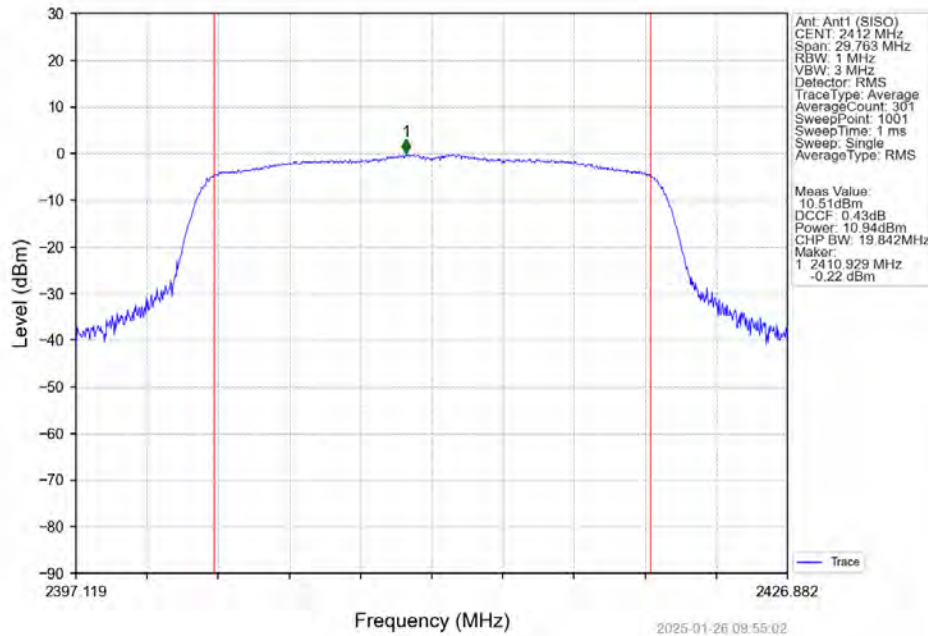
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



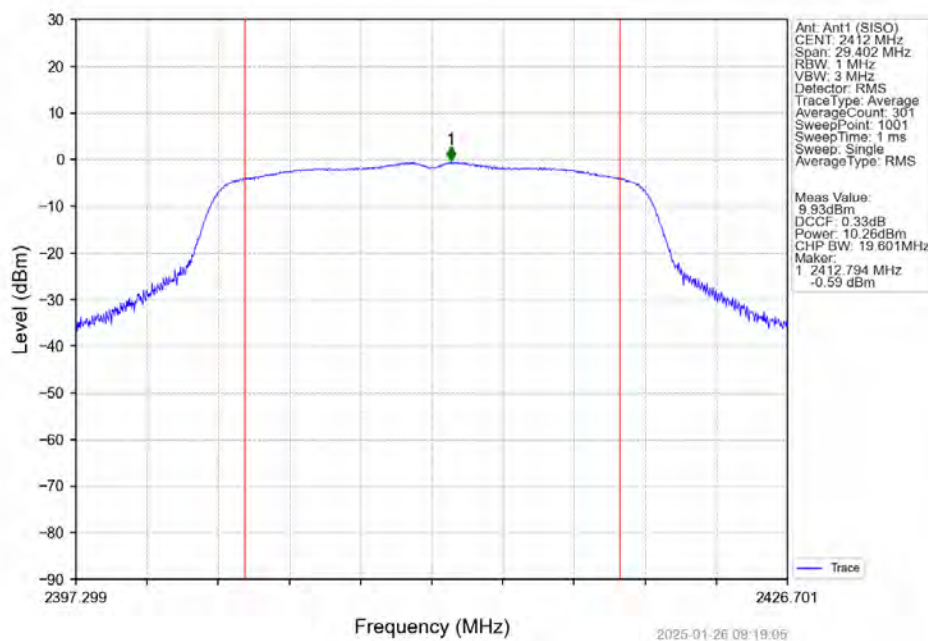
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



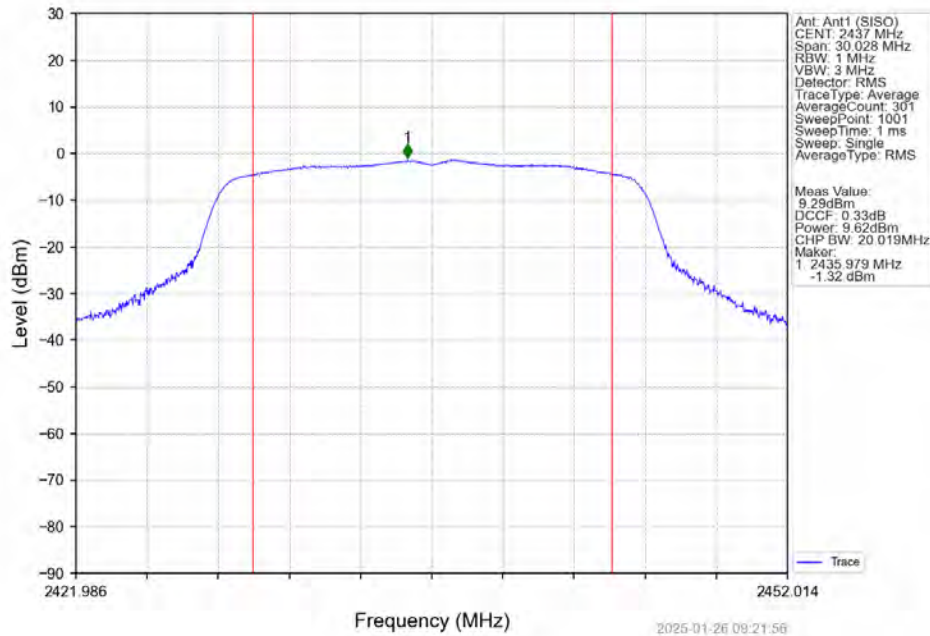
802.11ax(HE20) LCH 2412MHz RU242 Left Ant1 (SISO) NTN



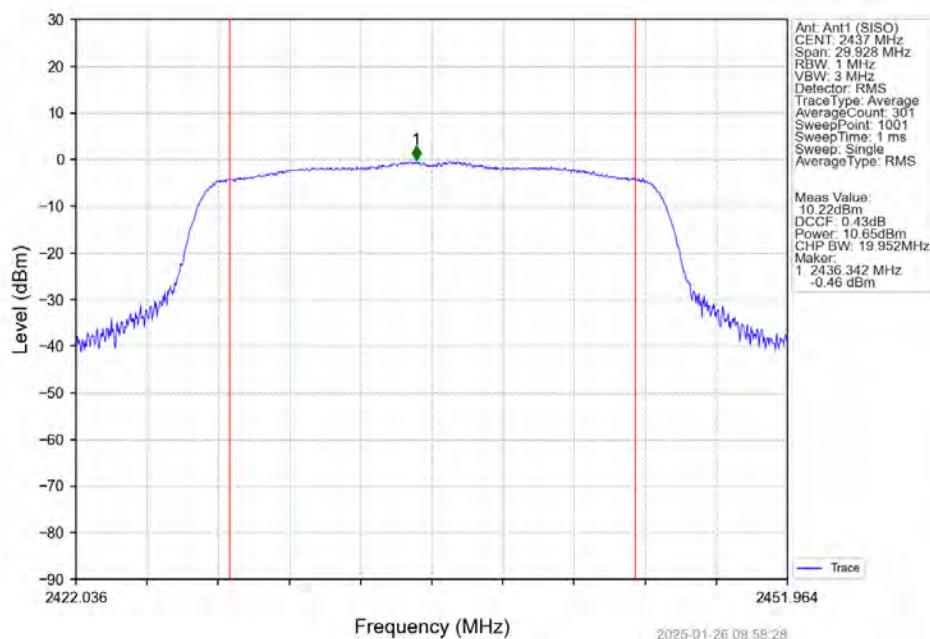
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTN



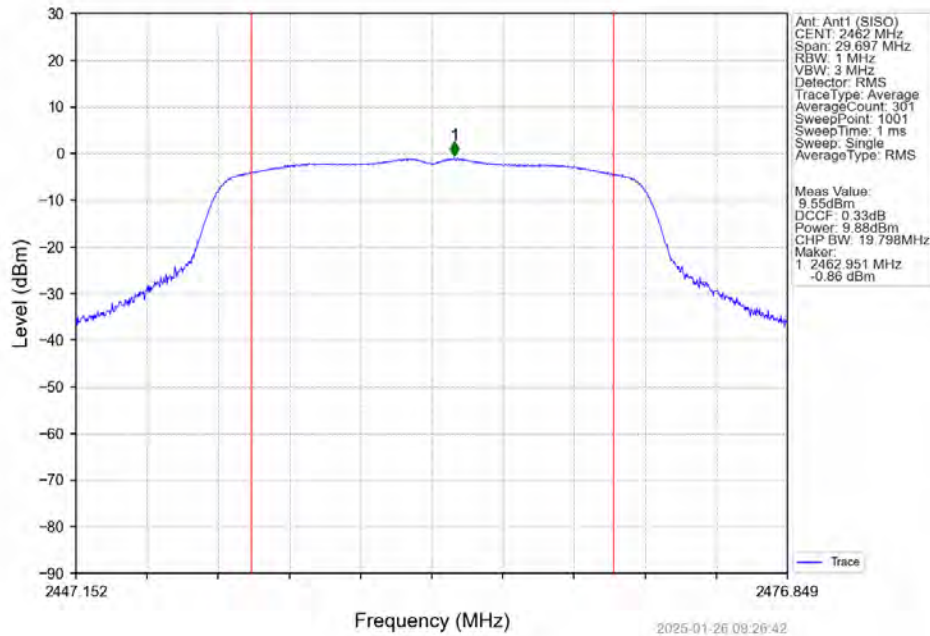
802.11n(HT20) MCH_2437MHz_Ant1 (SISO) NTN



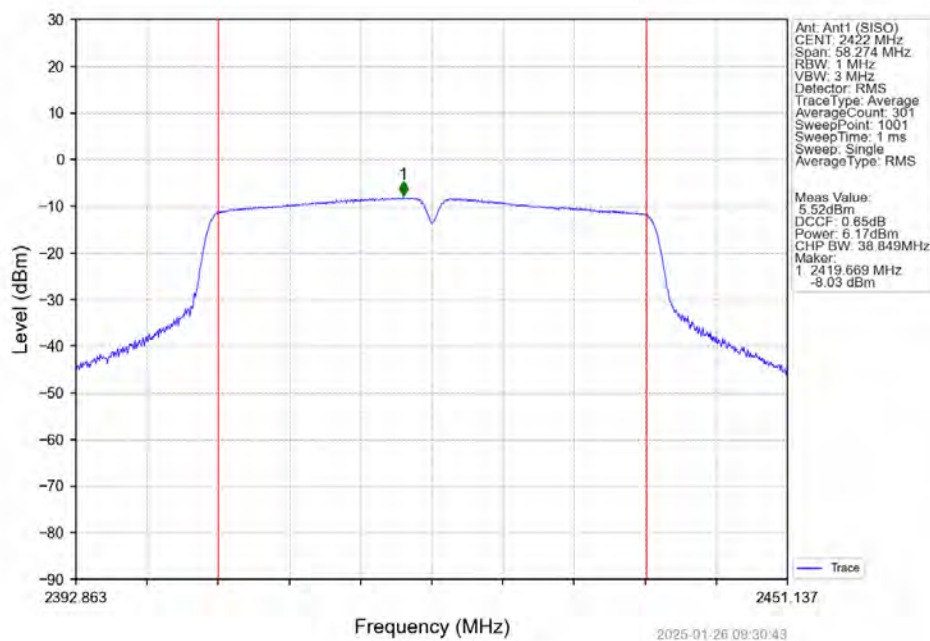
802.11ax(HE20) MCH_2437MHz_RU242_Left Ant1 (SISO) NTN



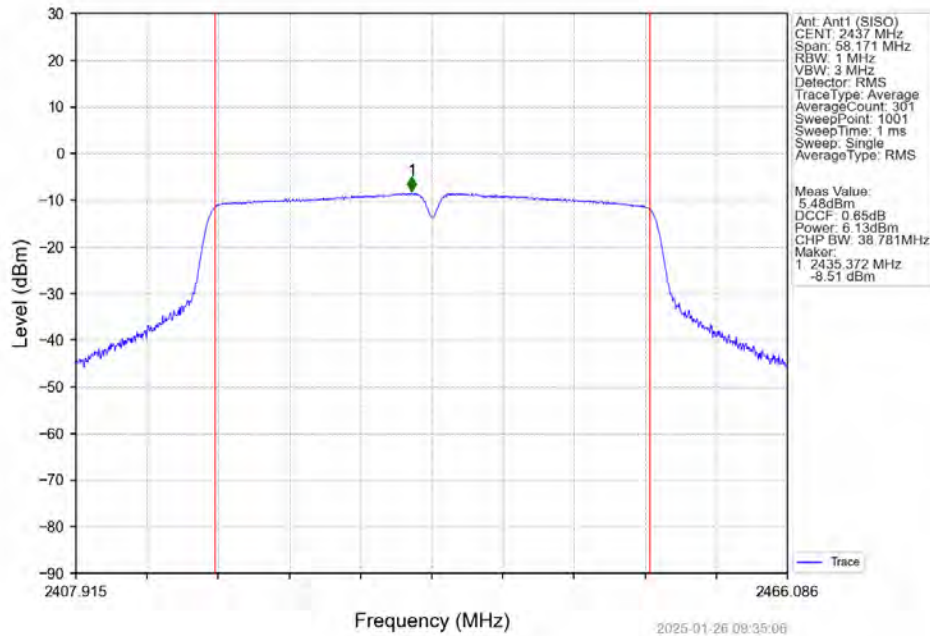
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN



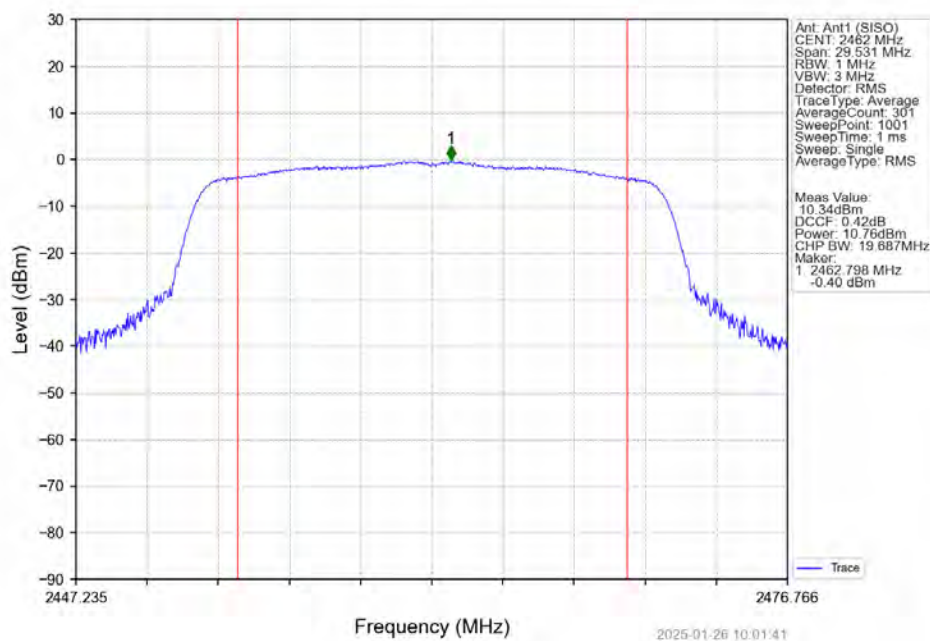
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



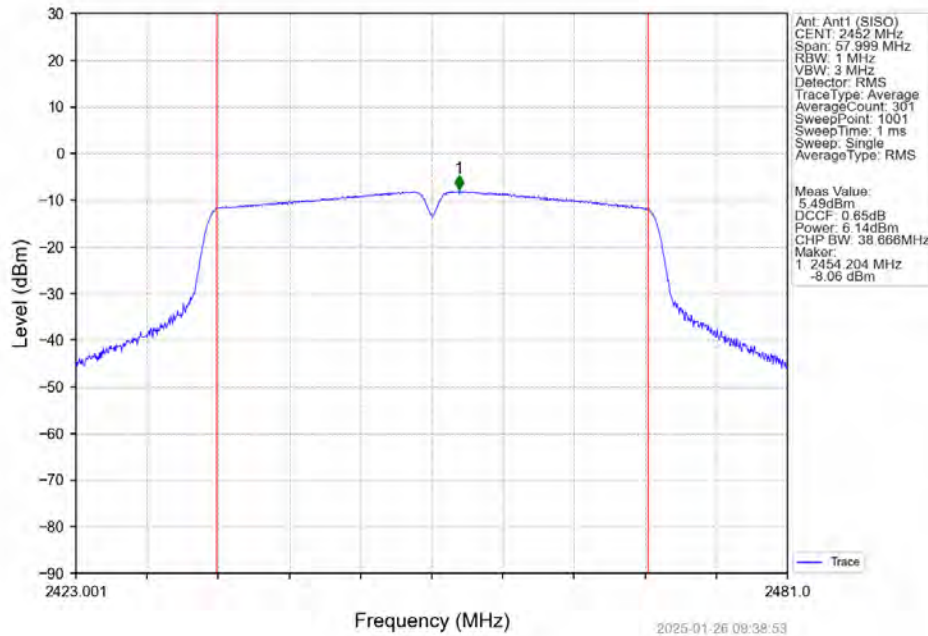
802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



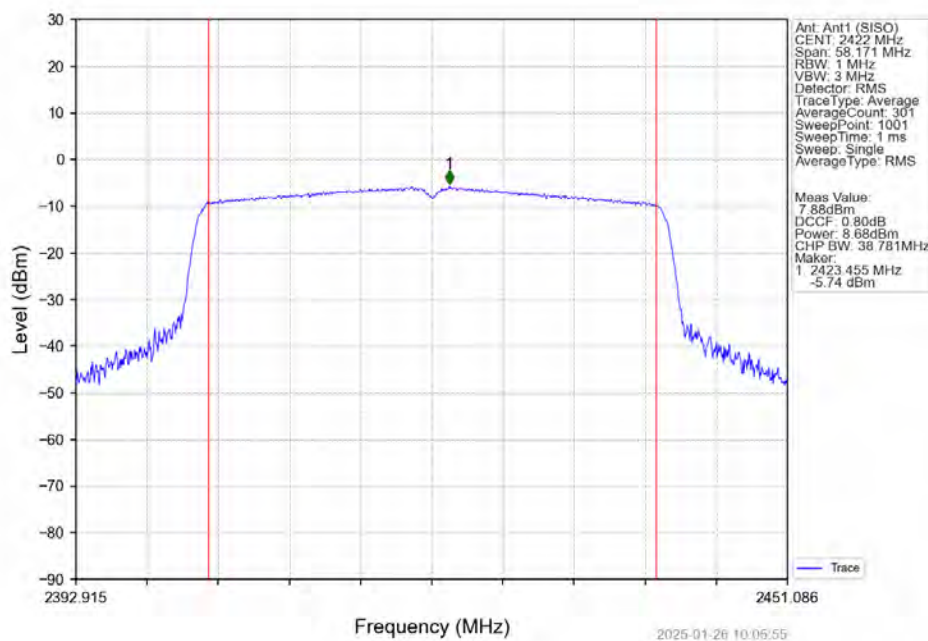
802.11ax(HE20) HCH_2462MHz_RU242_Left Ant1 (SISO) NTN



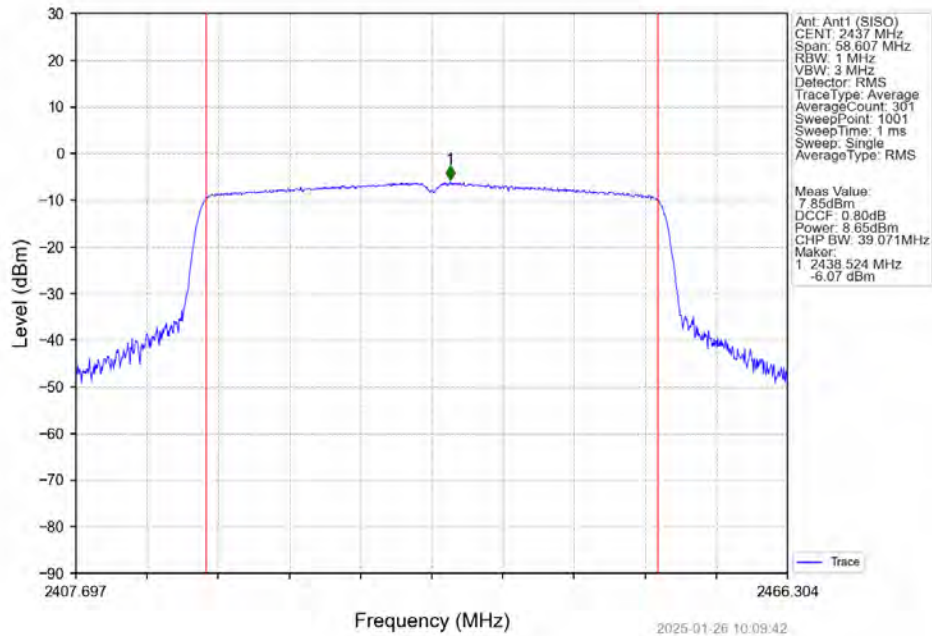
802.11n(HT40) HCH 2452MHz Ant1 (SISO) NTN



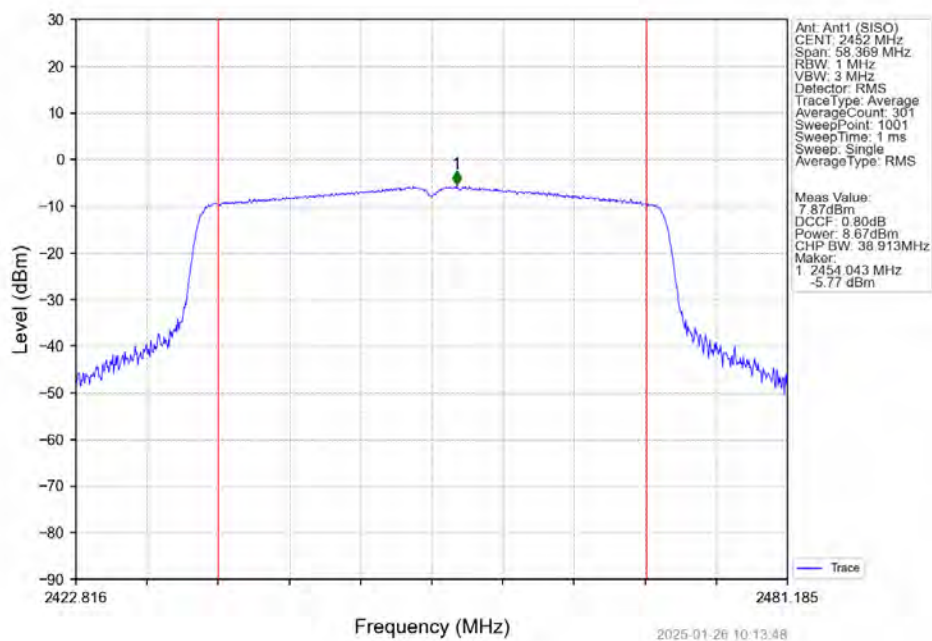
802.11ax(HE40) LCH 2422MHz RU484 Left Ant1 (SISO) NTN



802.11ax(HE40) MCH_2437MHz_RU484_Left_Ant1 (SISO) NTN



802.11ax(HE40) HCH_2452MHz_RU484_Left_Ant1 (SISO) NTN



4. Maximum Power Spectral Density

4.1 Test Result

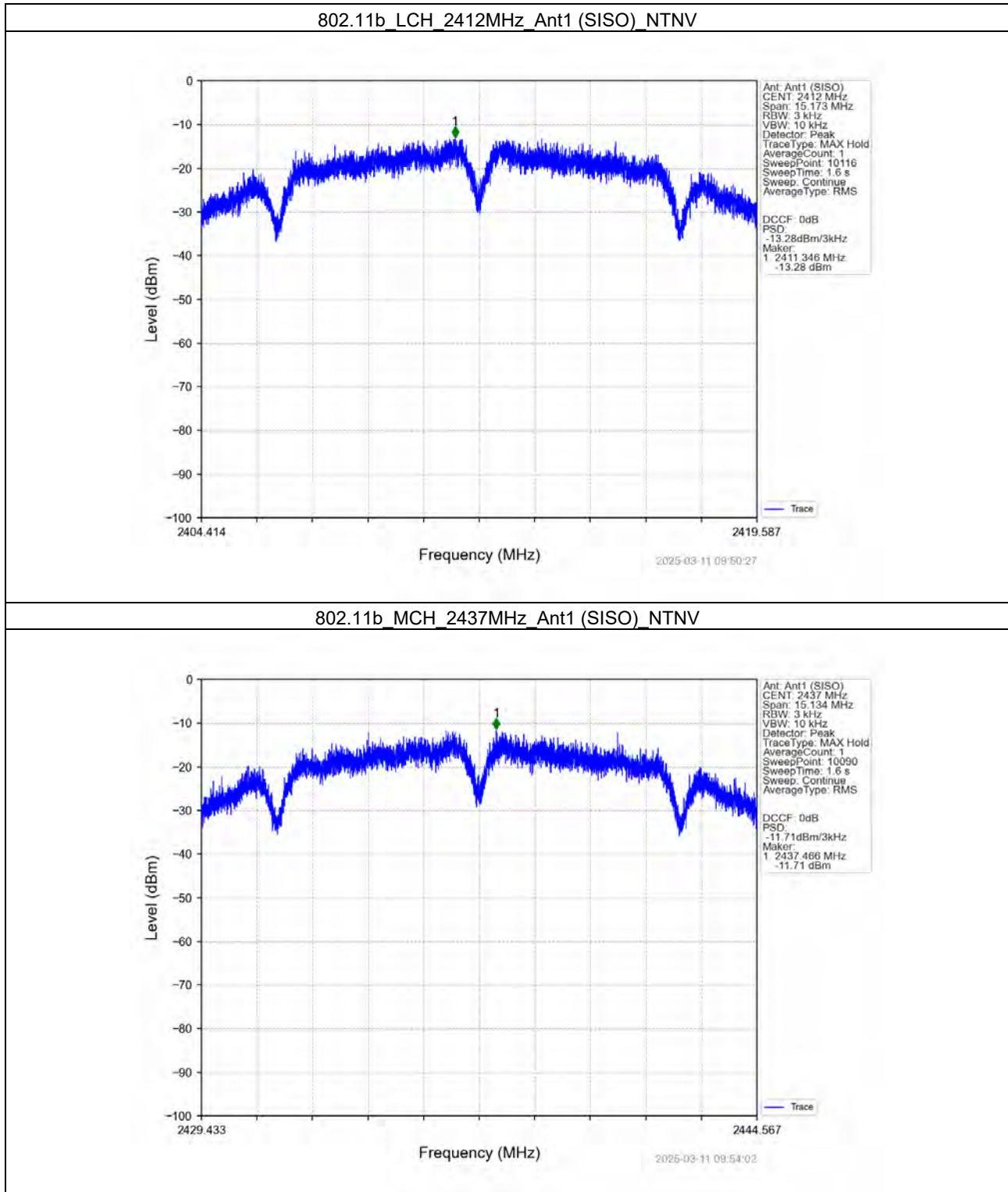
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	-13.28	<=8	Pass
		2437	/	/	-11.71	<=8	Pass
		2462	/	/	-11.16	<=8	Pass
802.11g	SISO	2412	/	/	-12.12	<=8	Pass
		2437	/	/	-13.17	<=8	Pass
		2462	/	/	-12.67	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-13.49	<=8	Pass
		2437	/	/	-14.70	<=8	Pass
		2462	/	/	-13.64	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-19.98	<=8	Pass
		2437	/	/	-21.03	<=8	Pass
		2452	/	/	-21.59	<=8	Pass
802.11ax (HE20)	SISO	2437	RU242	Left	-13.98	<=8	Pass
		2412	RU242	Left	-13.04	<=8	Pass
		2462	RU242	Left	-14.05	<=8	Pass
802.11ax (HE40)	SISO	2422	RU484	Left	-19.32	<=8	Pass
		2437	RU484	Left	-20.27	<=8	Pass
		2452	RU484	Left	-19.57	<=8	Pass

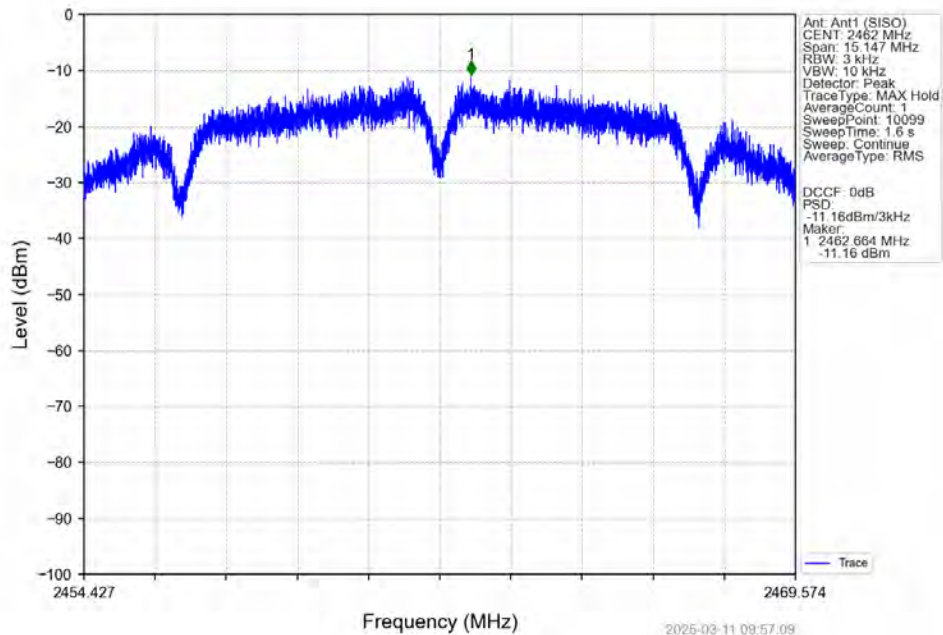
Note1: Antenna Gain: Ant1: 2.50dBi;

4.2 Test Graph

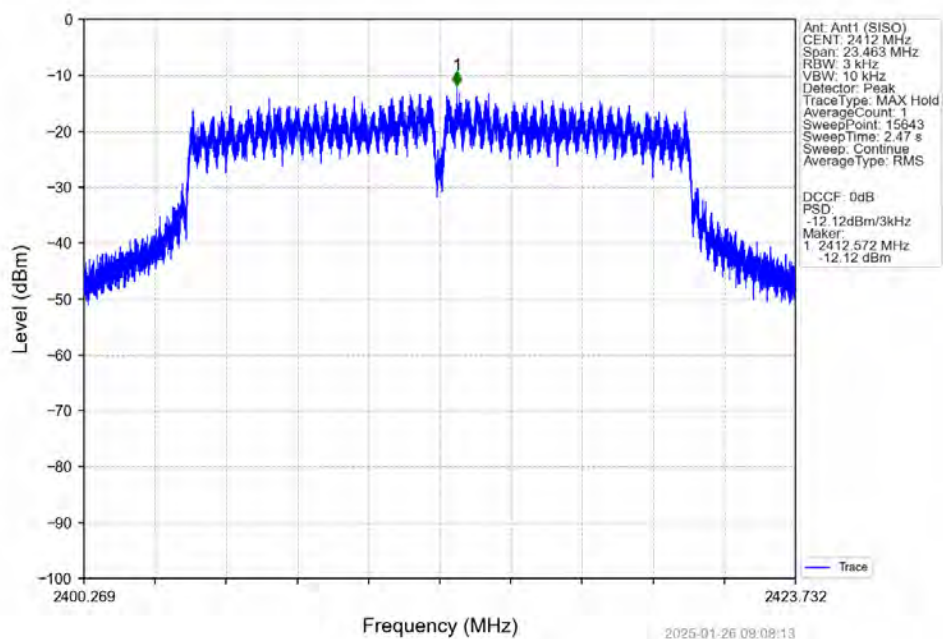
4.2.1 PSD



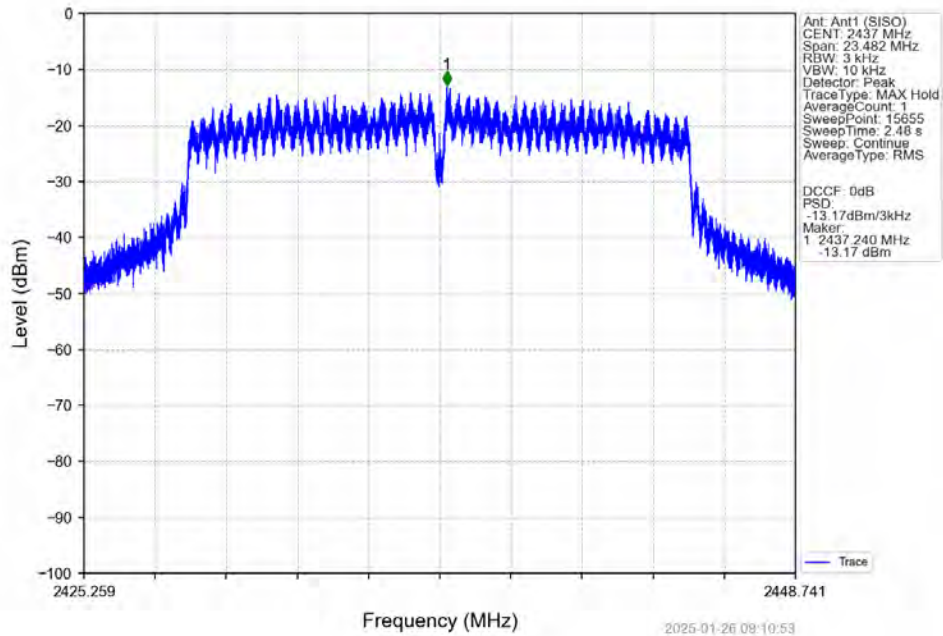
802.11b HCH 2462MHz Ant1 (SISO) NTN



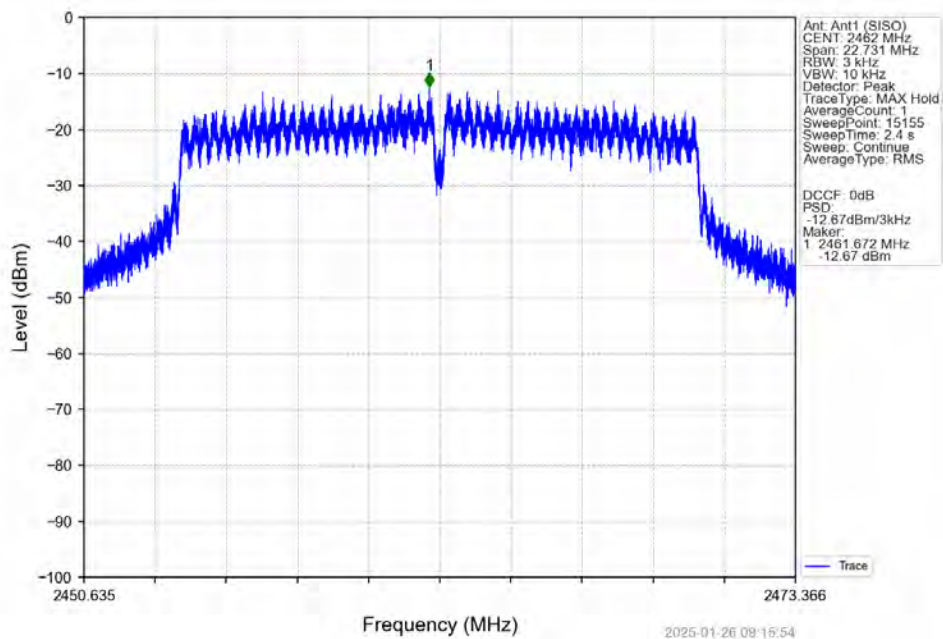
802.11g LCH 2412MHz Ant1 (SISO) NTN



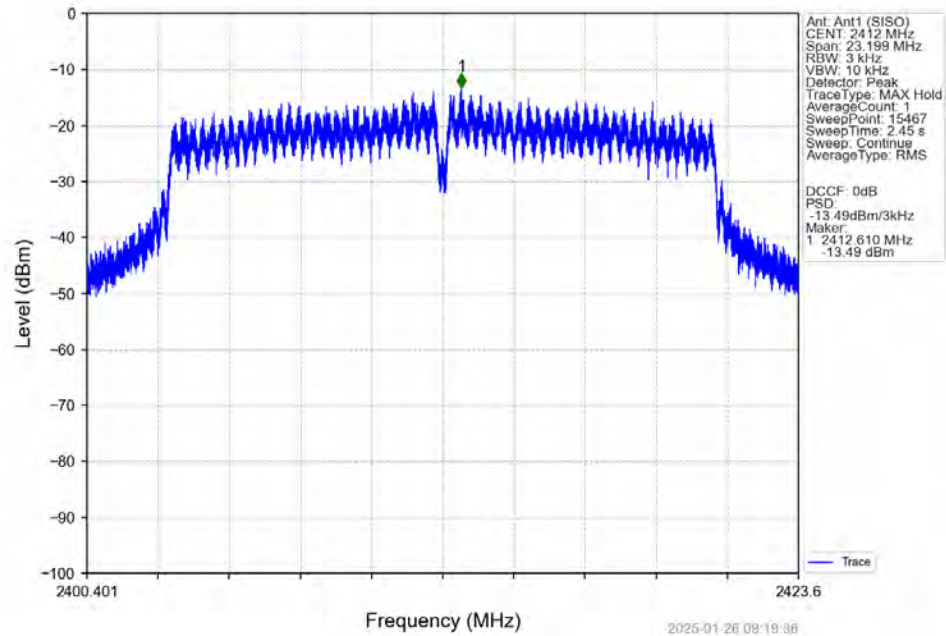
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



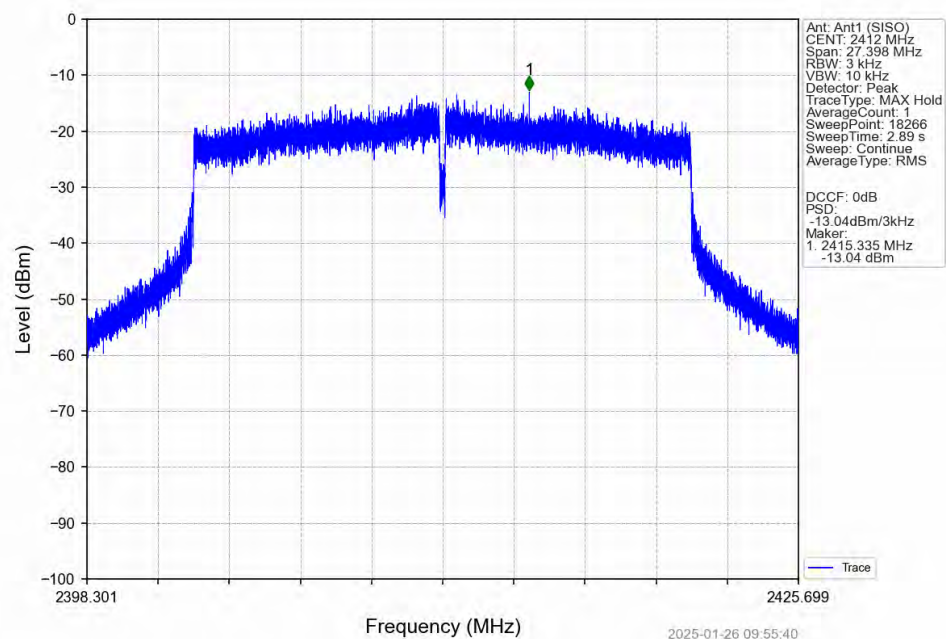
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



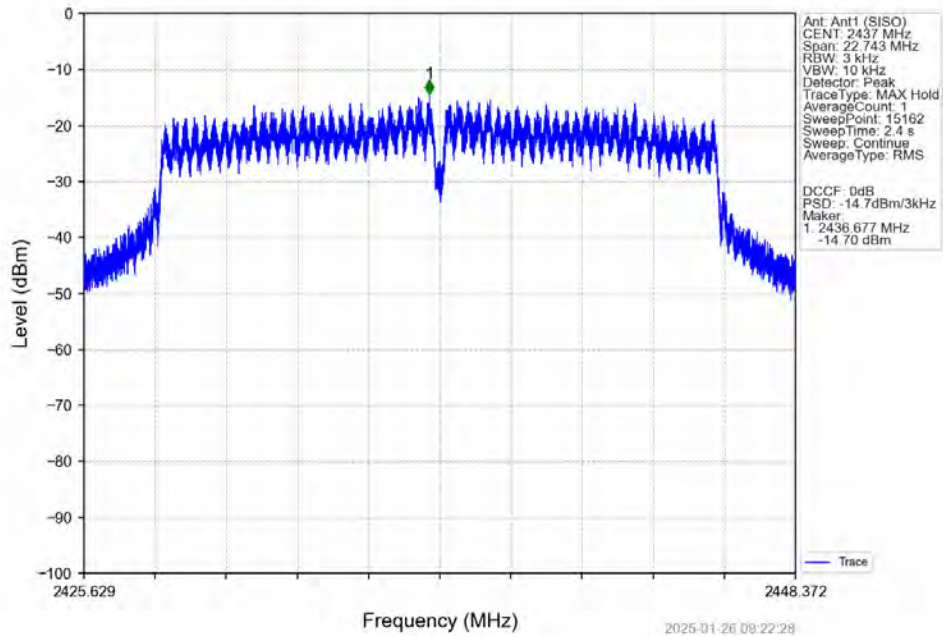
802.11n(HT20) LCH_2412MHz_Ant1 (SISO)_NTNV



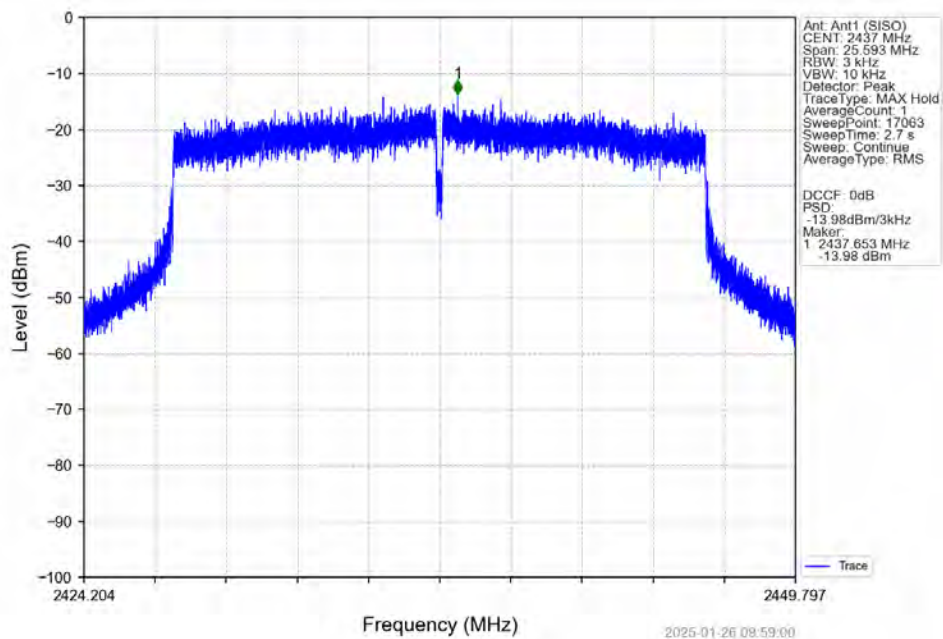
802.11ax(HE20) LCH_2412MHz_RU242_Left_Ant1 (SISO)_NTNV



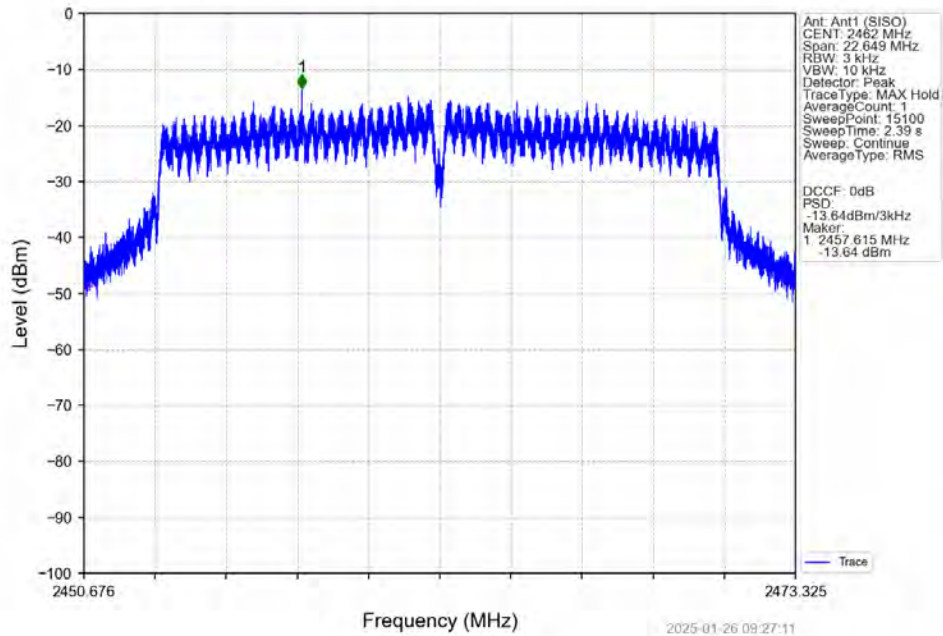
802.11n(HT20) MCH_2437MHz_Ant1 (SISO) NTN



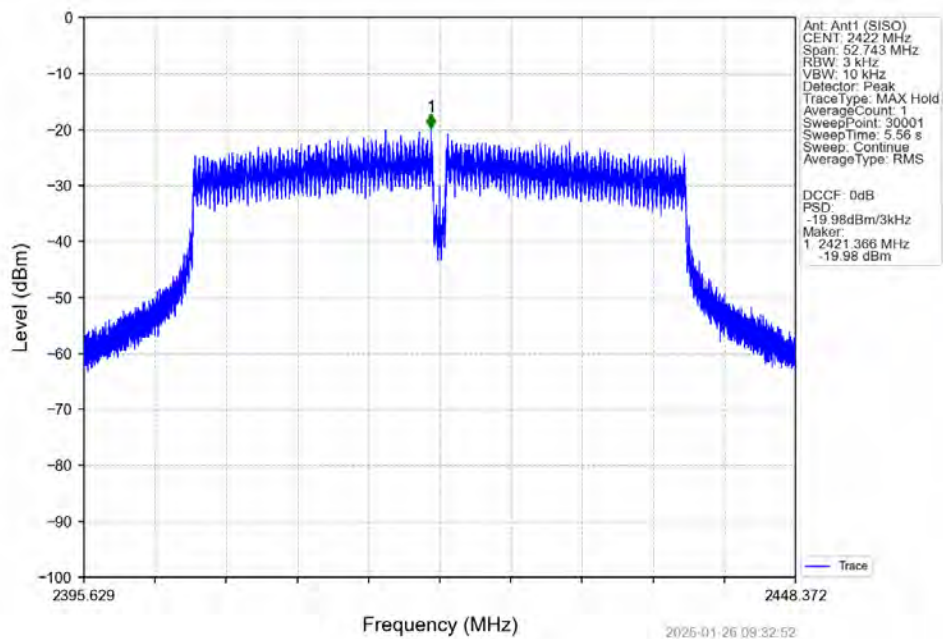
802.11ax(HE20) MCH_2437MHz_RU242_Left Ant1 (SISO) NTN



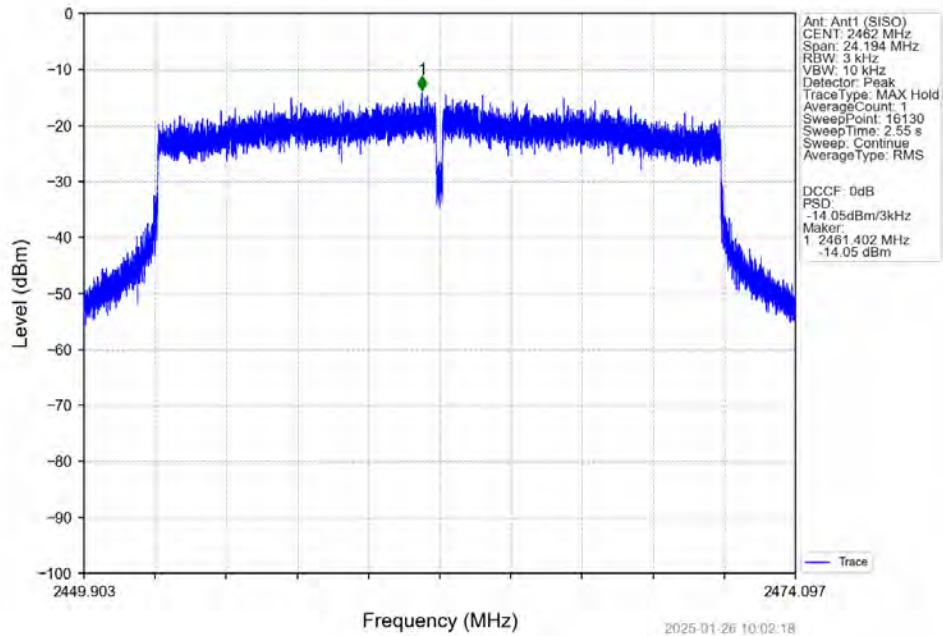
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



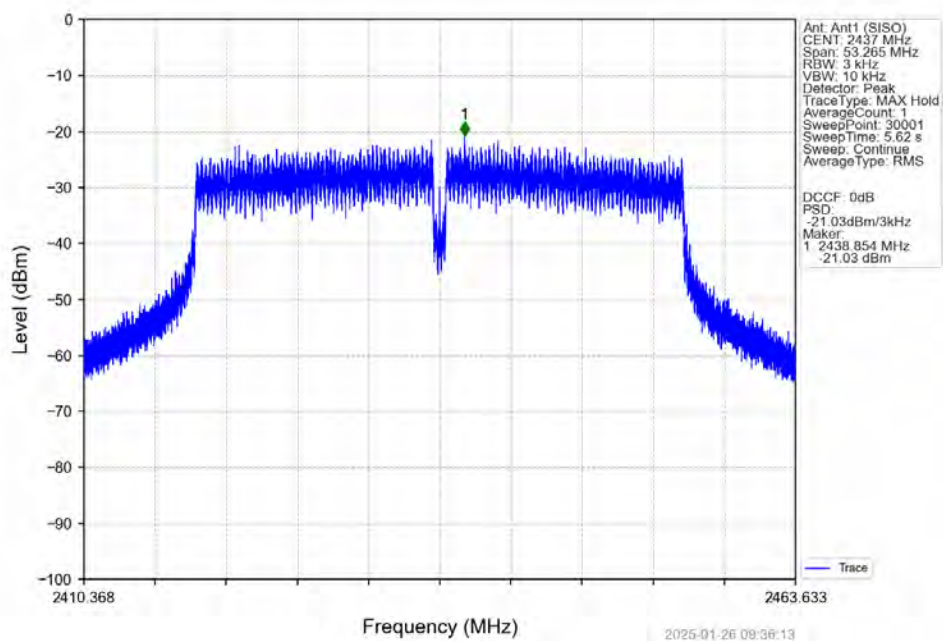
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



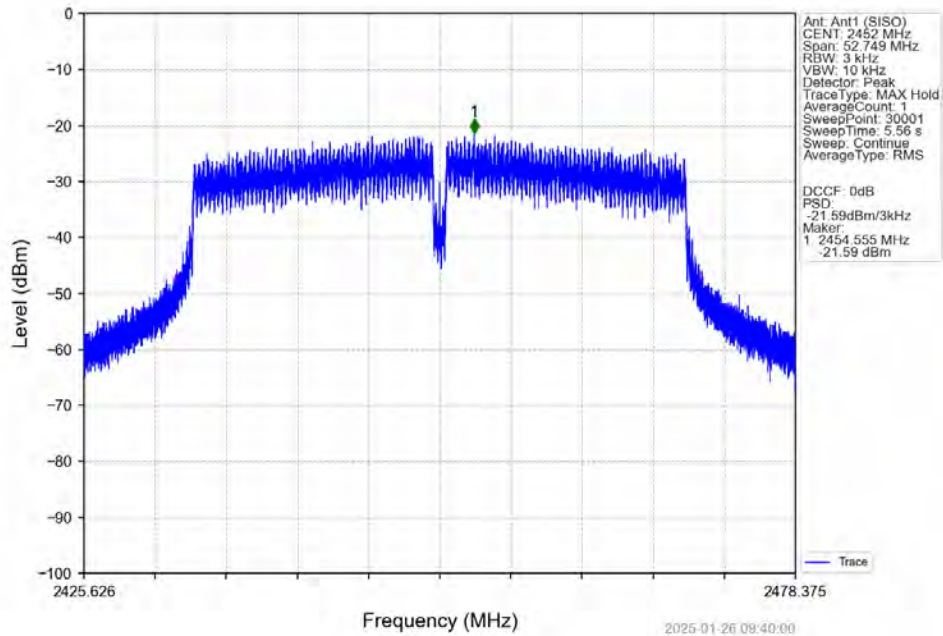
802.11ax(HE20)_HCH_2462MHz_RU242_Left_Ant1(SISO)_NTNV



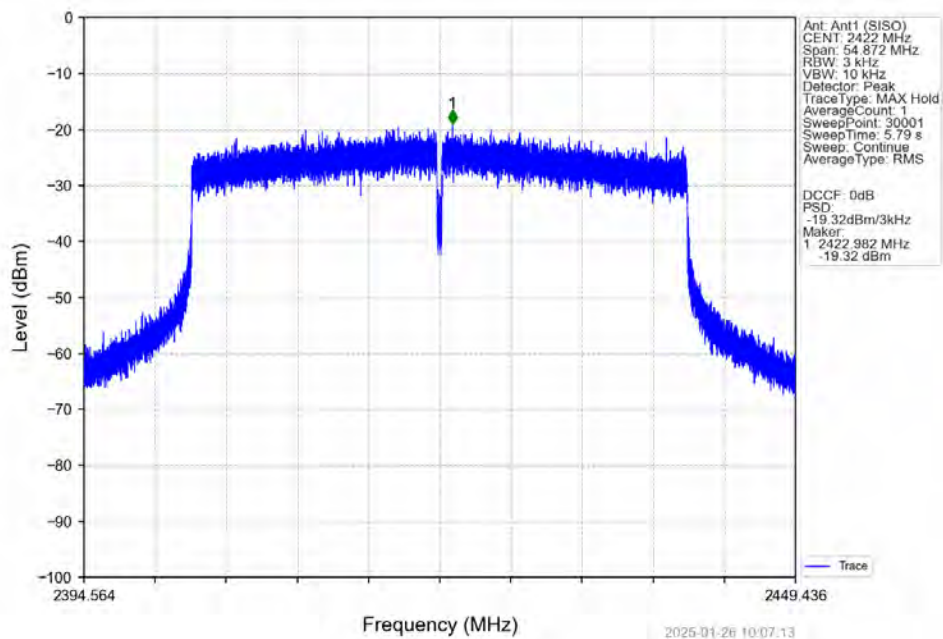
802.11n(HT40)_MCH_2437MHz_Ant1(SISO)_NTNV



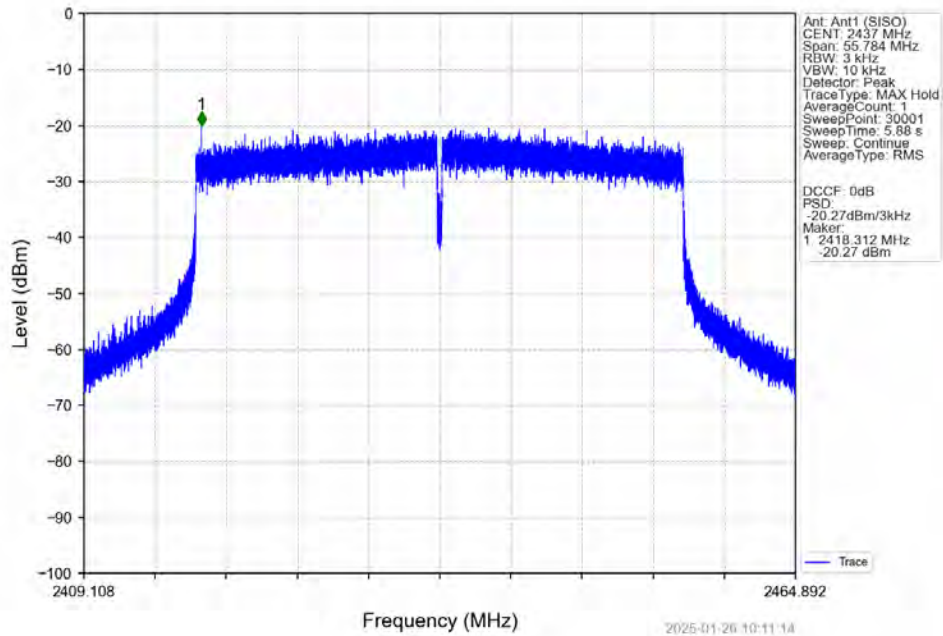
802.11n(HT40) HCH 2452MHz Ant1 (SISO) NTN



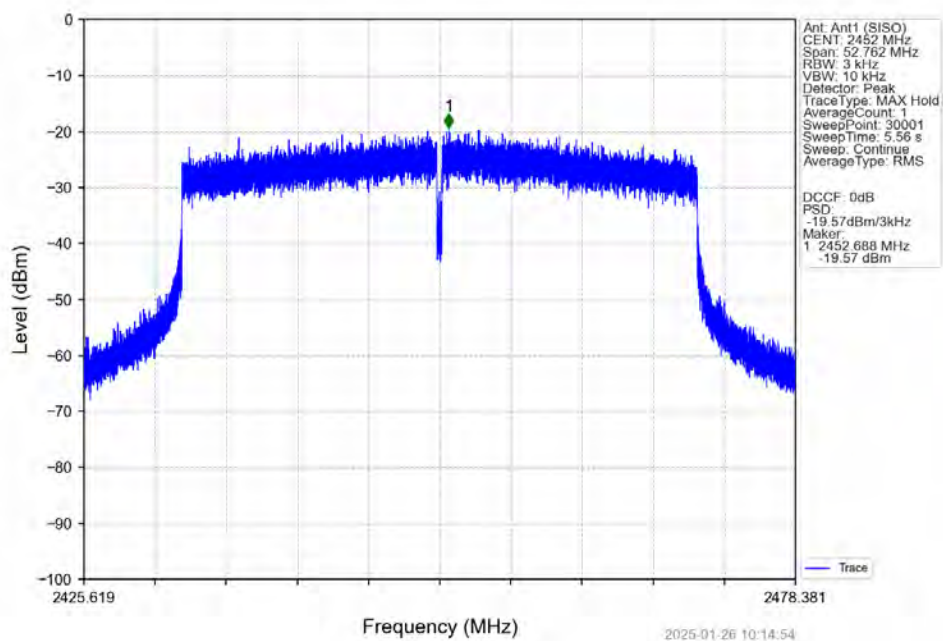
802.11ax(HE40) LCH 2422MHz RU484 Left Ant1 (SISO) NTN



802.11ax(HE40) MCH_2437MHz_RU484_Left_Ant1(SISO)_NTNV



802.11ax(HE40) HCH_2452MHz_RU484_Left_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	1.64
		2437	/	/	1	2.23
		2462	/	/	1	2.70
802.11g	SISO	2412	/	/	1	0.78
		2437	/	/	1	-1.00
		2462	/	/	1	-0.63
802.11n (HT20)	SISO	2412	/	/	1	-0.37
		2437	/	/	1	-1.19
		2462	/	/	1	-1.60
802.11n (HT40)	SISO	2422	/	/	1	-9.07
		2437	/	/	1	-9.03
		2452	/	/	1	-8.54
802.11ax (HE20)	SISO	2412	RU242	Left	1	0.03
		2437	RU242	Left	1	-0.63
		2462	RU242	Left	1	-0.31
802.11ax (HE40)	SISO	2422	RU484	Left	1	-6.20
		2437	RU484	Left	1	-6.46
		2452	RU484	Left	1	-6.07

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.1.2 CSE

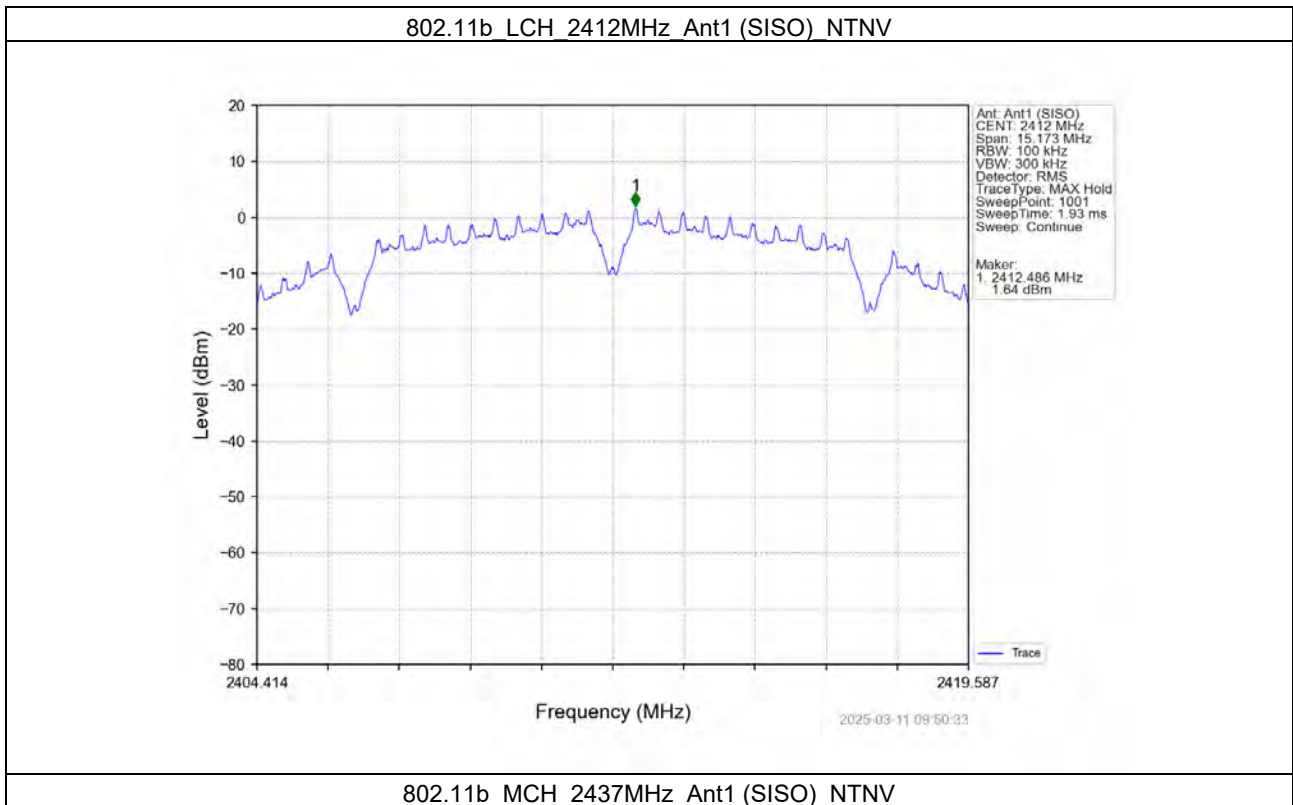
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	2.70	-27.30	Pass
		2437	/	/	1	2.70	-27.30	Pass
		2462	/	/	1	2.70	-27.30	Pass
802.11g	SISO	2412	/	/	1	0.78	-29.22	Pass
		2437	/	/	1	0.78	-29.22	Pass
		2462	/	/	1	0.78	-29.22	Pass
802.11n (HT20)	SISO	2412	/	/	1	-0.37	-30.37	Pass
		2437	/	/	1	-0.37	-30.37	Pass
		2462	/	/	1	-0.37	-30.37	Pass
802.11ax (HE20)	SISO	2412	RU242	Left	1	0.03	-29.97	Pass
		2437	RU242	Left	1	0.03	-29.97	Pass
		2462	RU242	Left	1	0.03	-29.97	Pass
802.11n (HT40)	SISO	2422	/	/	1	-8.54	-38.54	Pass
		2437	/	/	1	-8.54	-38.54	Pass
		2452	/	/	1	-8.54	-38.54	Pass
802.11ax	SISO	2422	RU484	Left	1	-6.07	-36.07	Pass

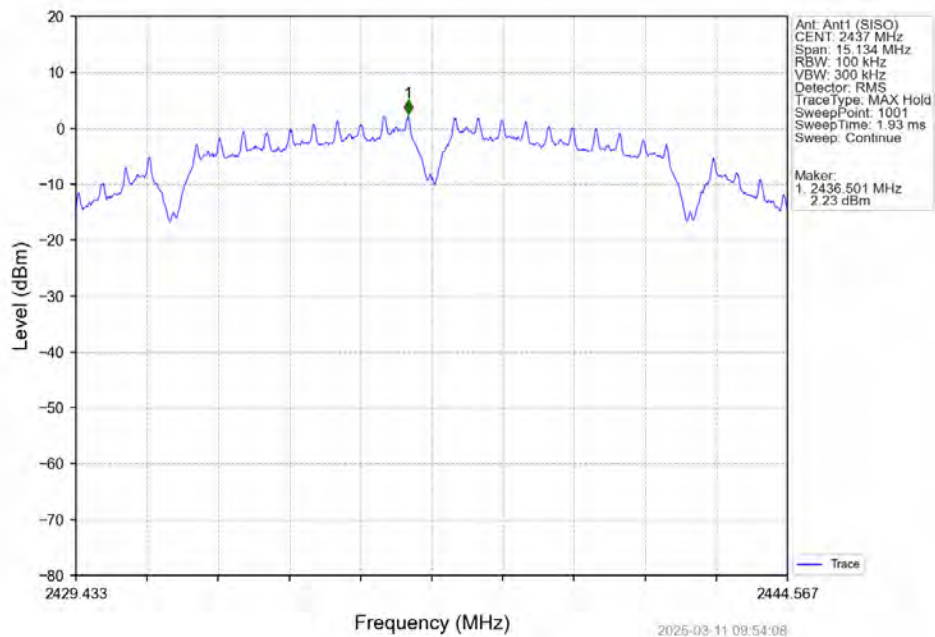
(HE40)	2437	RU484	Left	1	-6.07	-36.07	Pass
	2452	RU484	Left	1	-6.07	-36.07	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

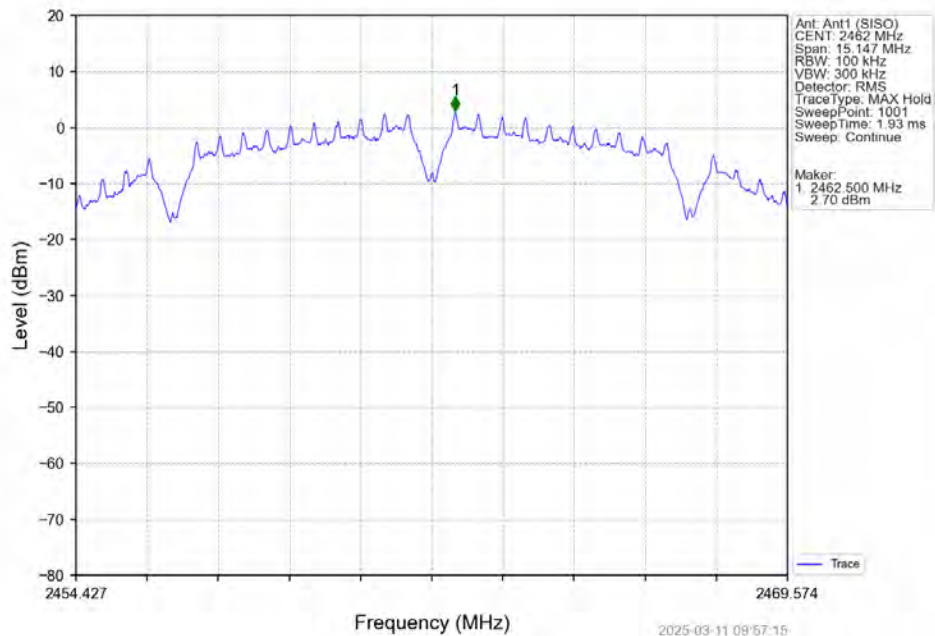
5.2 Test Graph

5.2.1 Ref

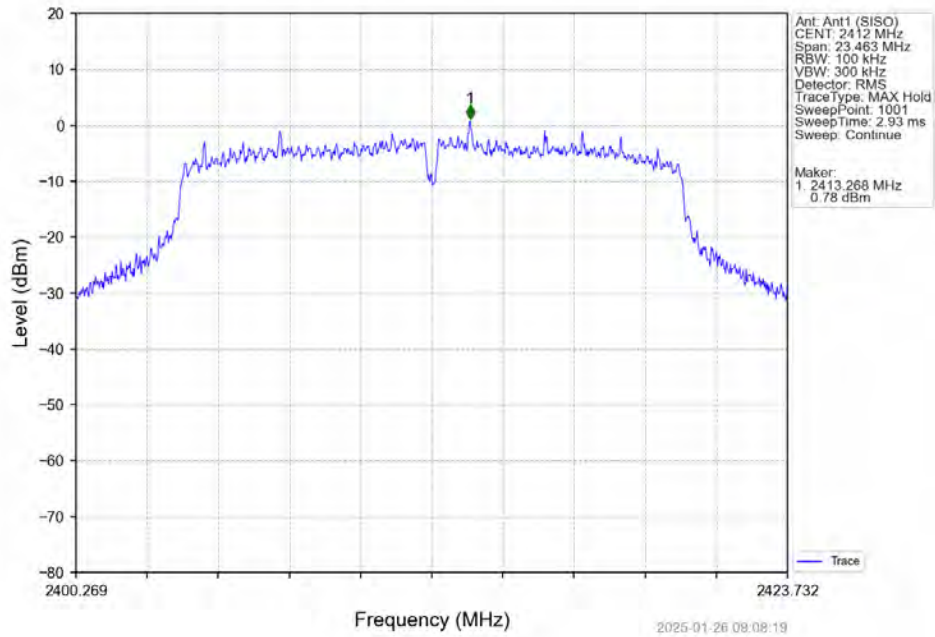




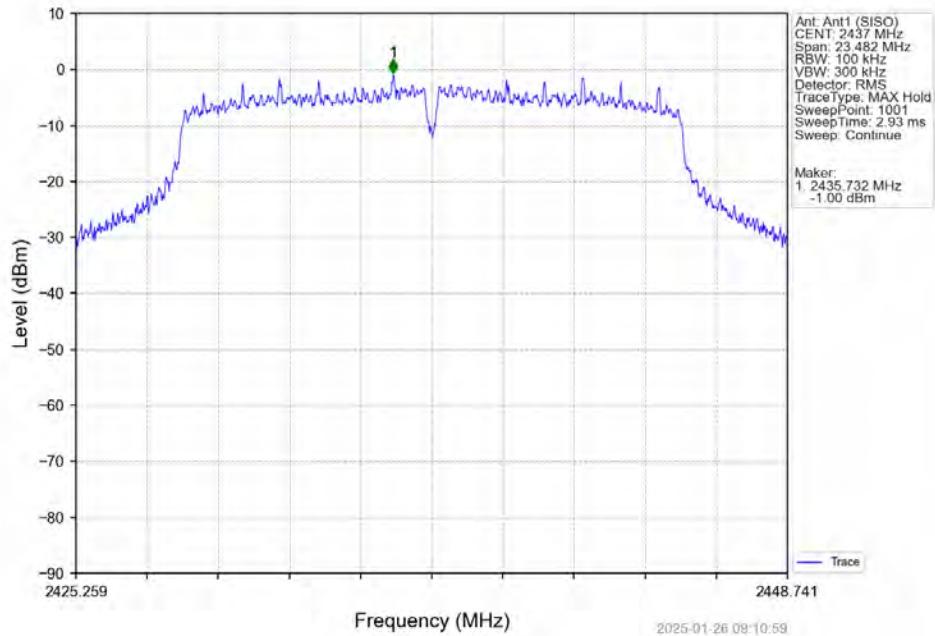
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



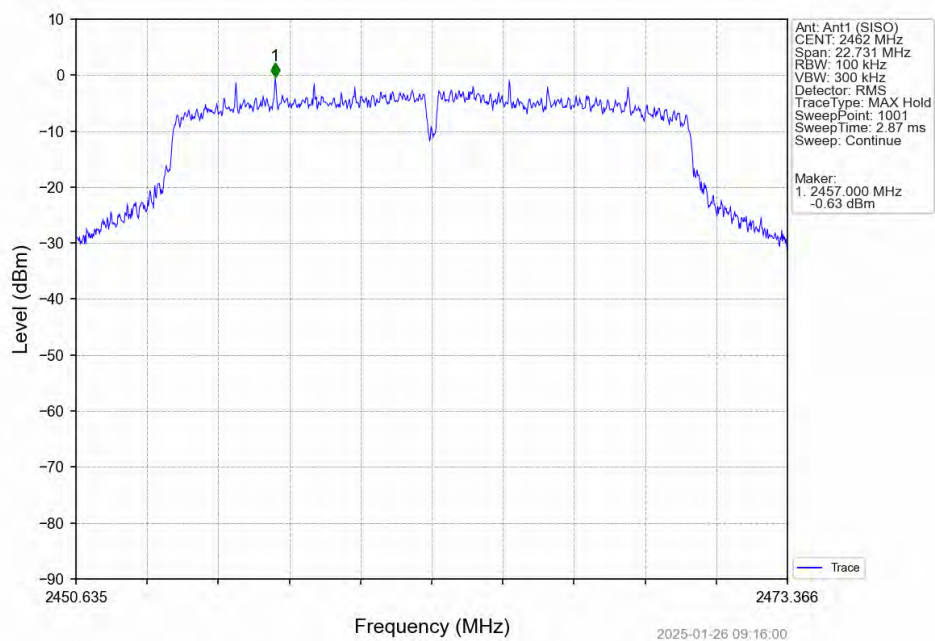
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



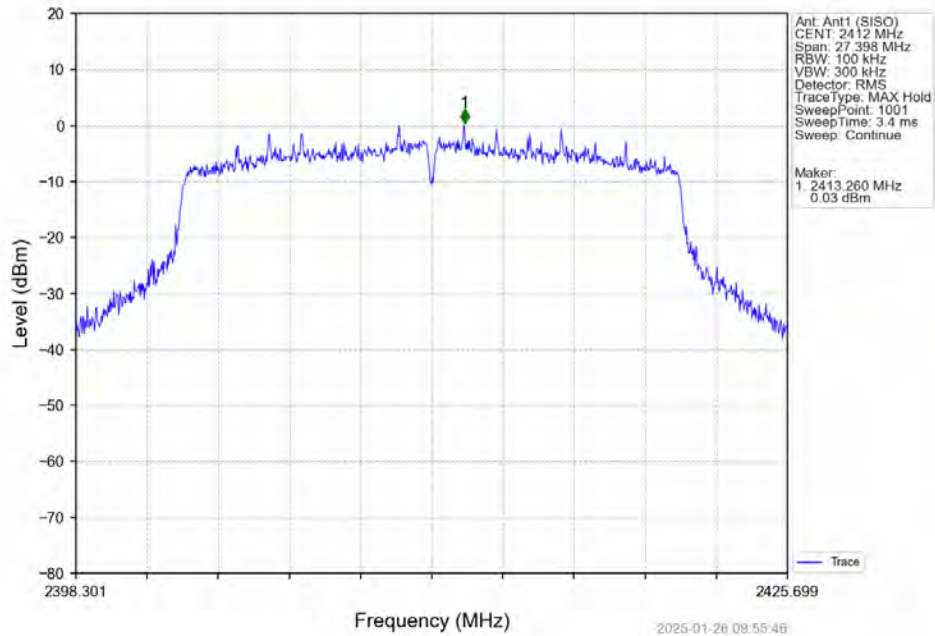
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



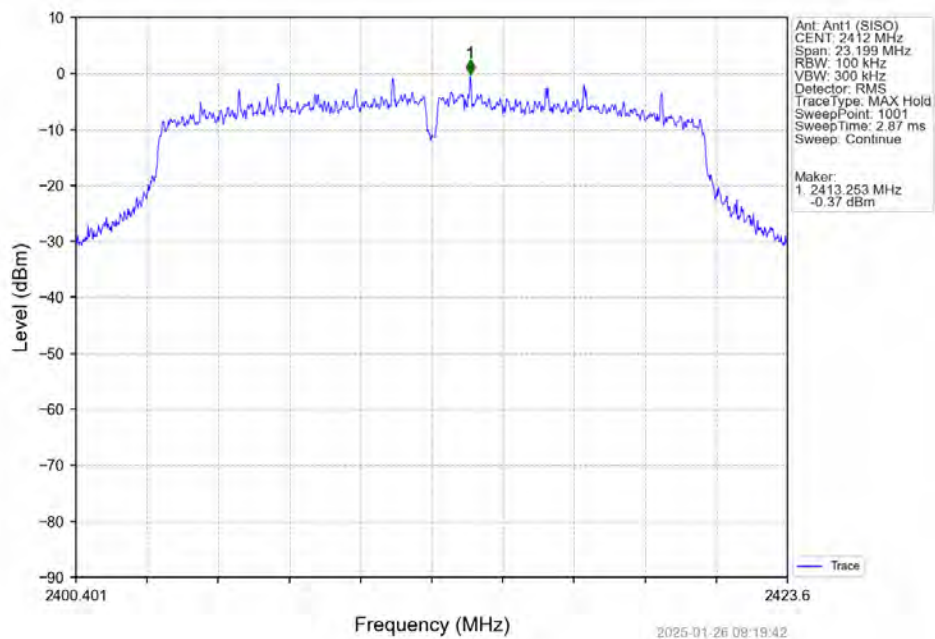
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



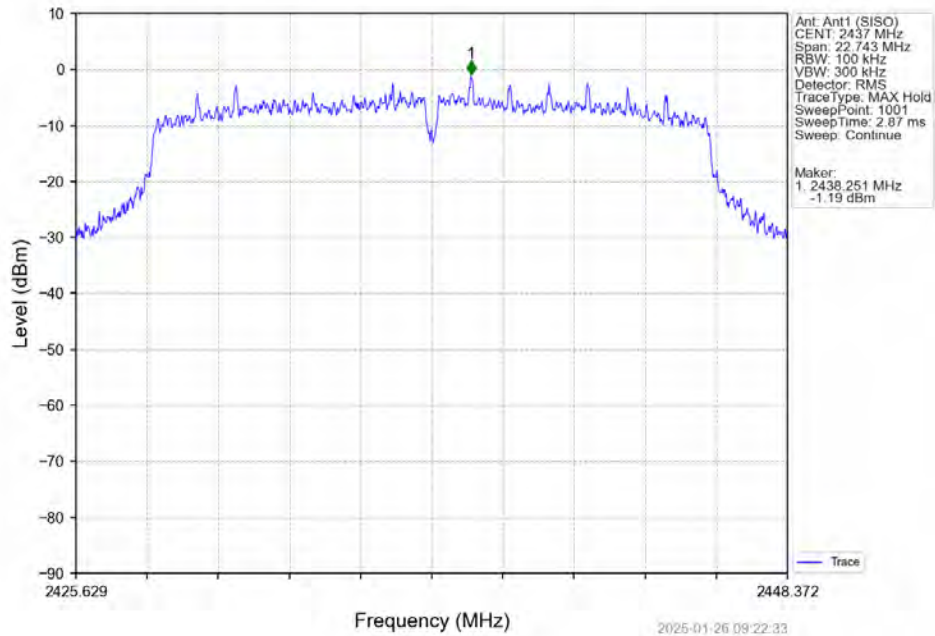
802.11ax(HE20) LCH 2412MHz RU242 Left Ant1 (SISO) NTN



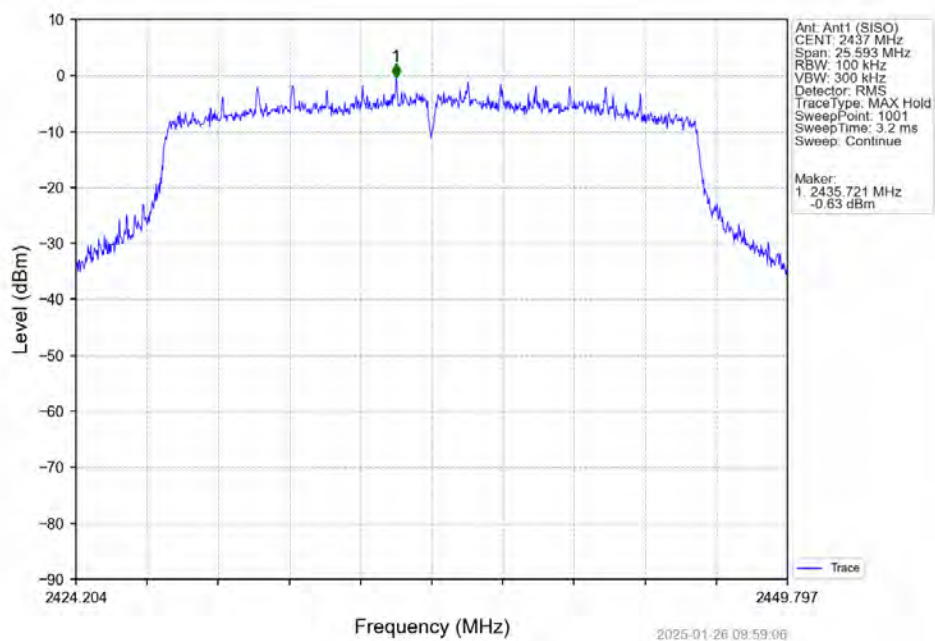
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTN



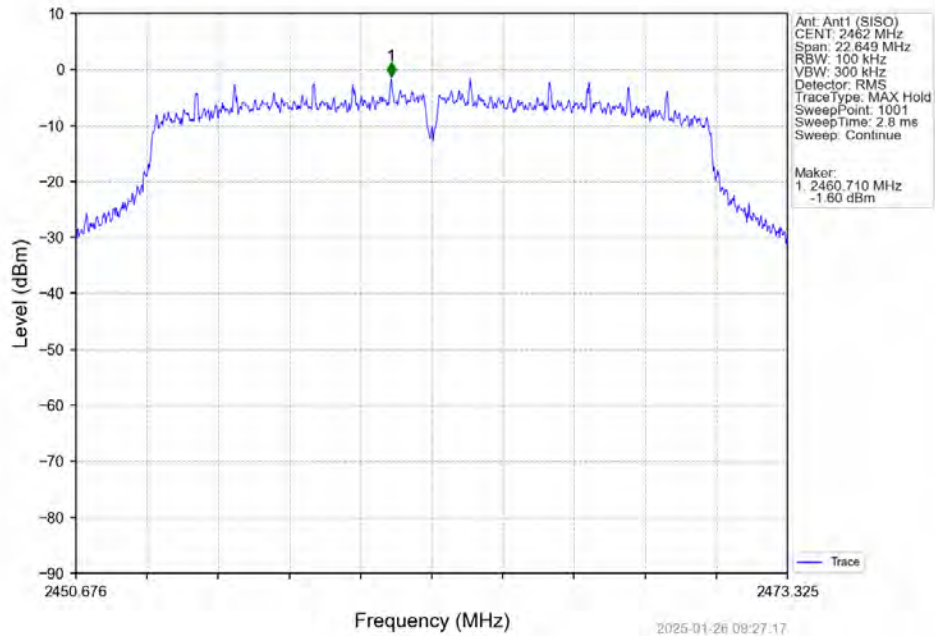
802.11n(HT20) MCH_2437MHz_Ant1 (SISO) NTN



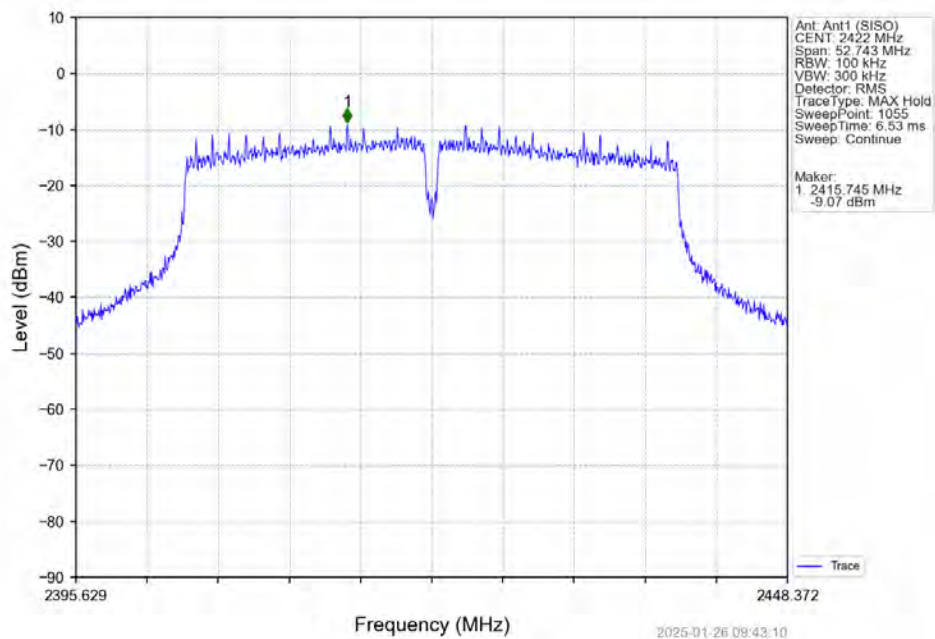
802.11ax(HE20) MCH_2437MHz_RU242_Left Ant1 (SISO) NTN



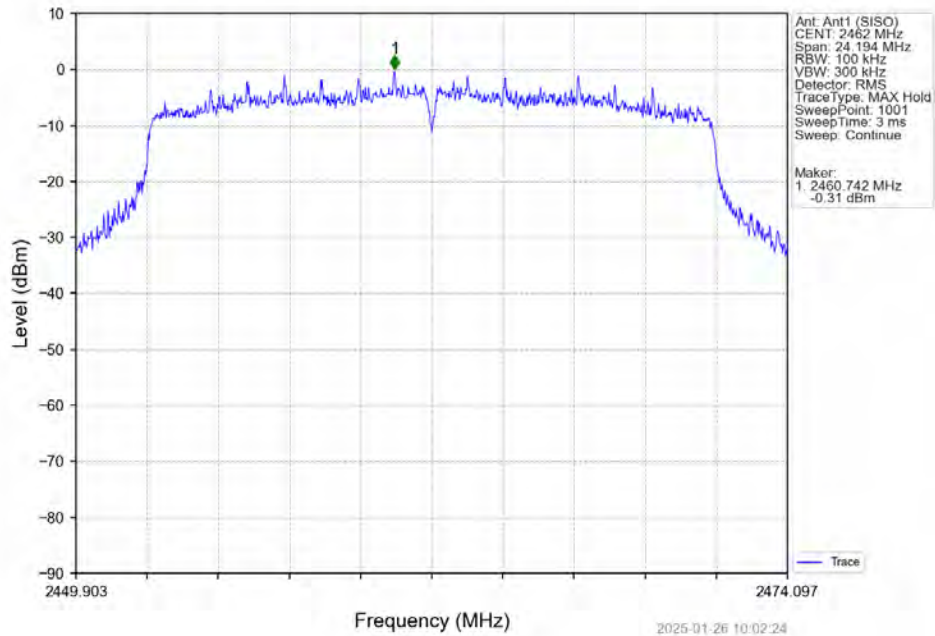
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN



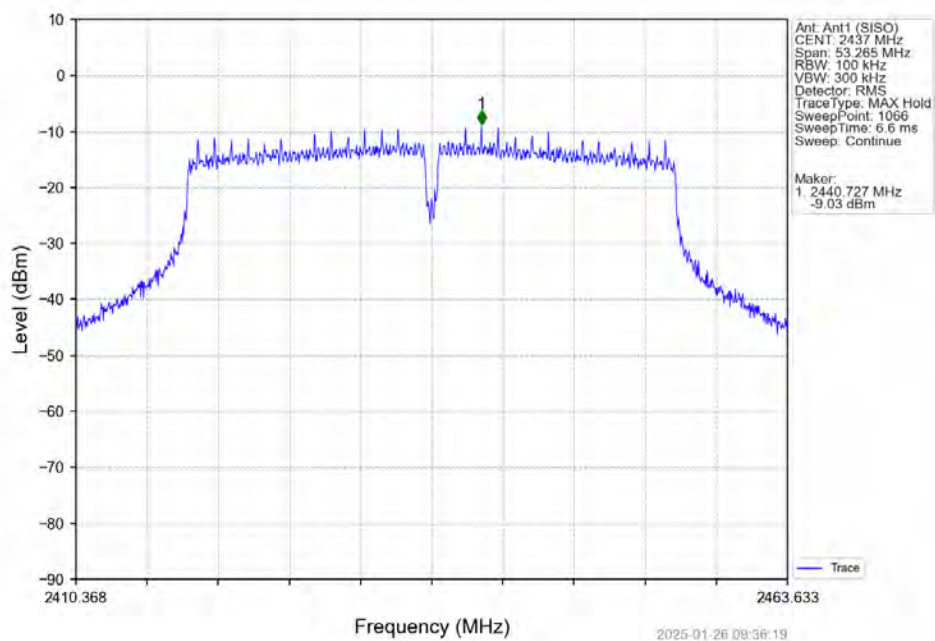
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



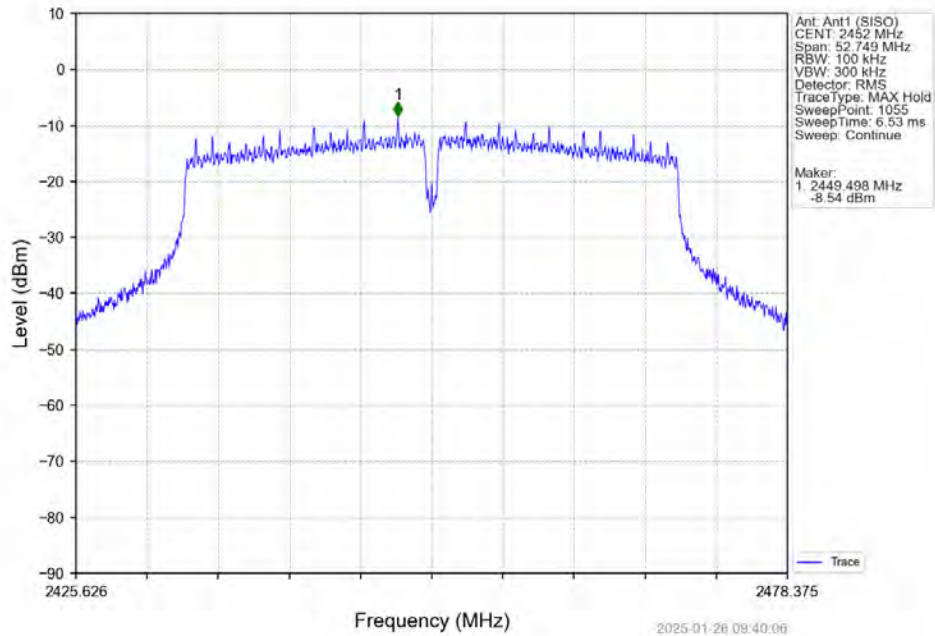
802.11ax(HE20)_HCH_2462MHz_RU242_Left_Ant1(SISO)_NTNV



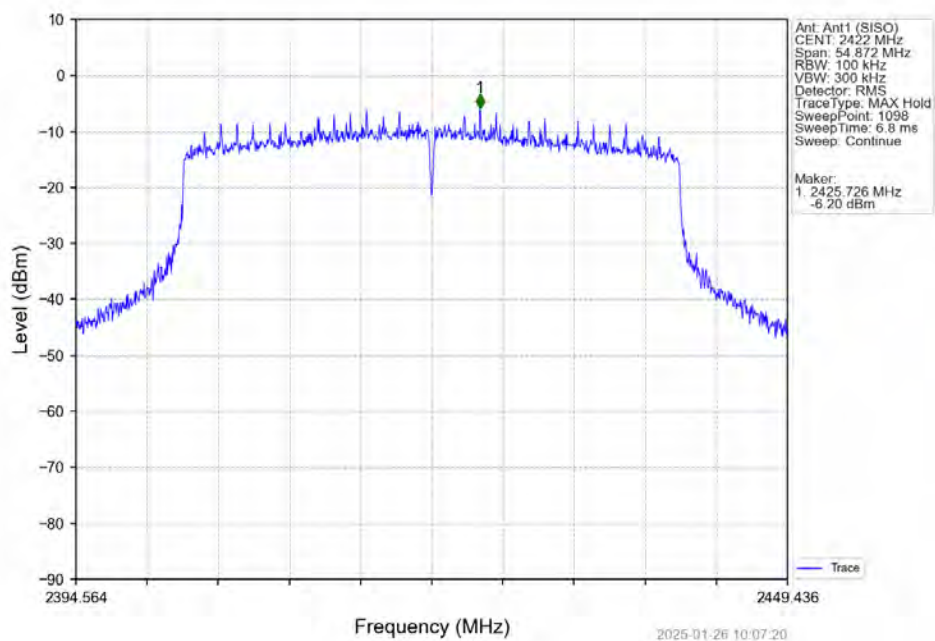
802.11n(HT40)_MCH_2437MHz_Ant1(SISO)_NTNV



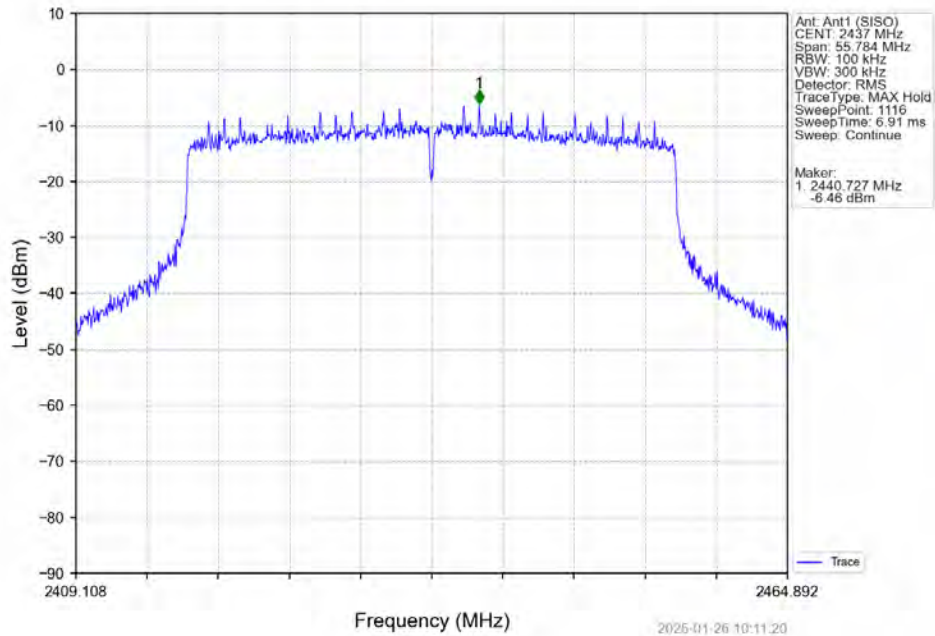
802.11n(HT40) HCH 2452MHz Ant1 (SISO) NTN



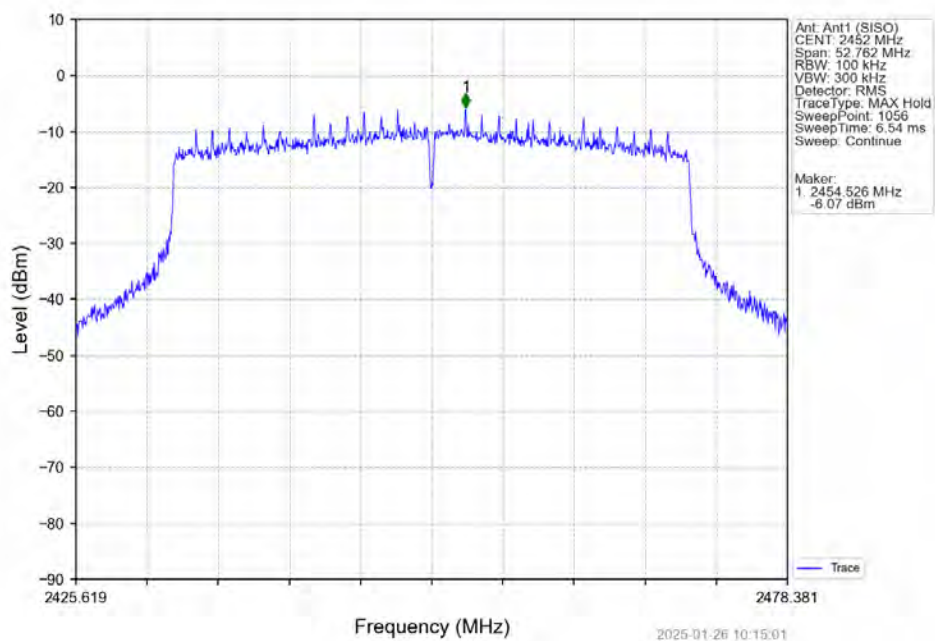
802.11ax(HE40) LCH 2422MHz RU484 Left Ant1 (SISO) NTN



802.11ax(HE40) MCH_2437MHz_RU484_Left_Ant1 (SISO) NTN

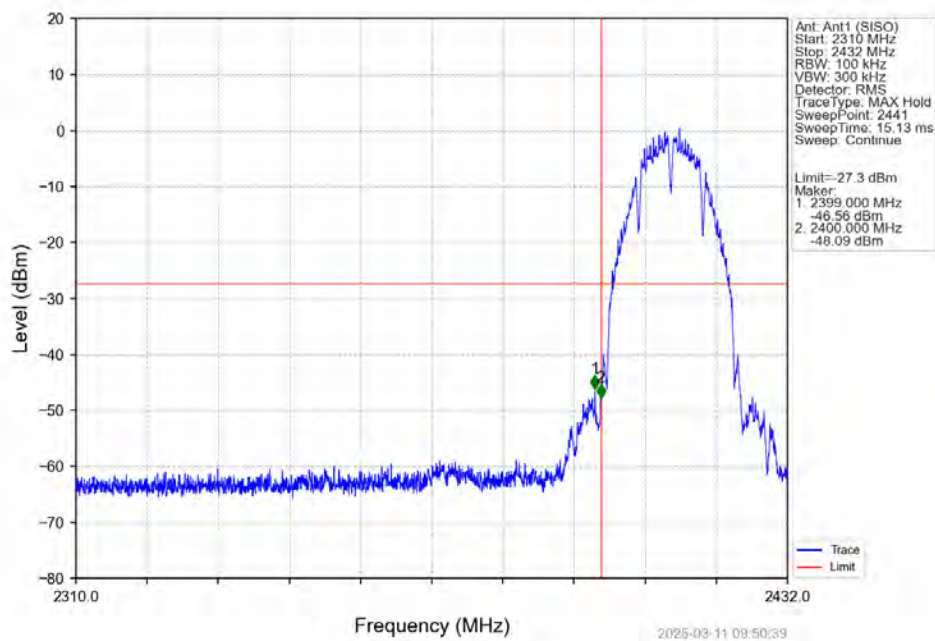


802.11ax(HE40) HCH_2452MHz_RU484_Left_Ant1 (SISO) NTN

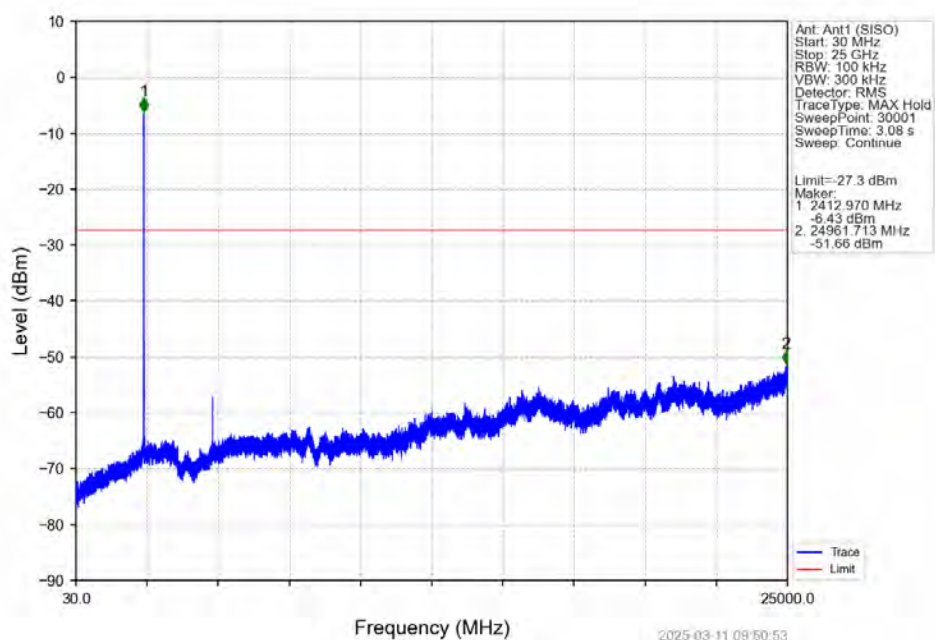


5.2.2 CSE

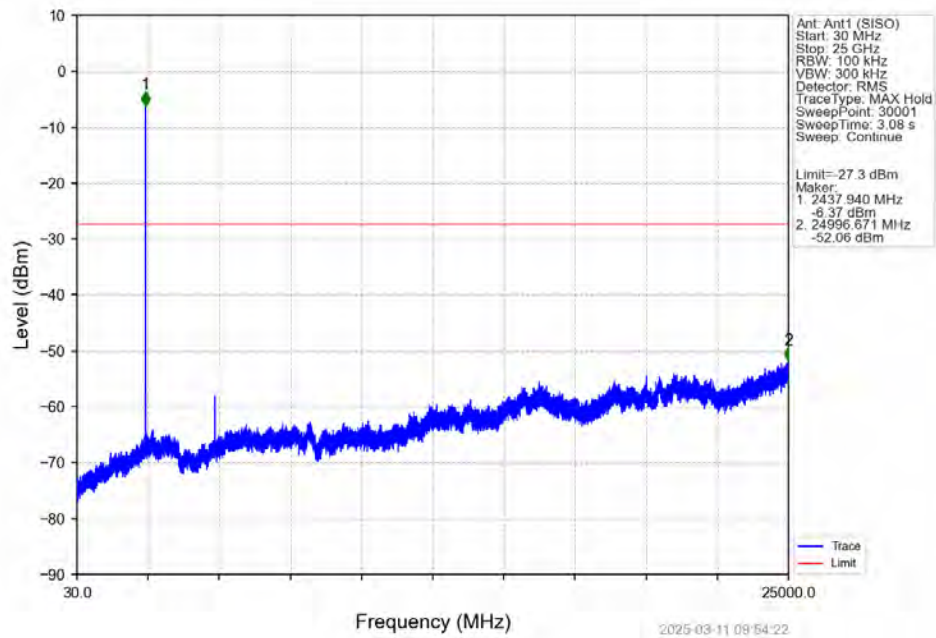
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



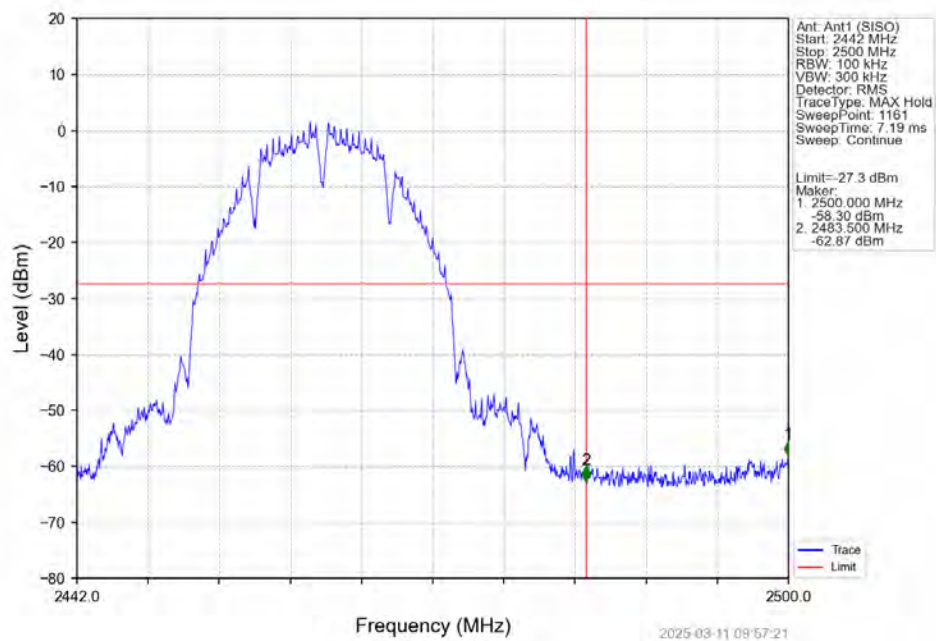
802.11b LCH 2412MHz_Ant1 (SISO)_NTNV



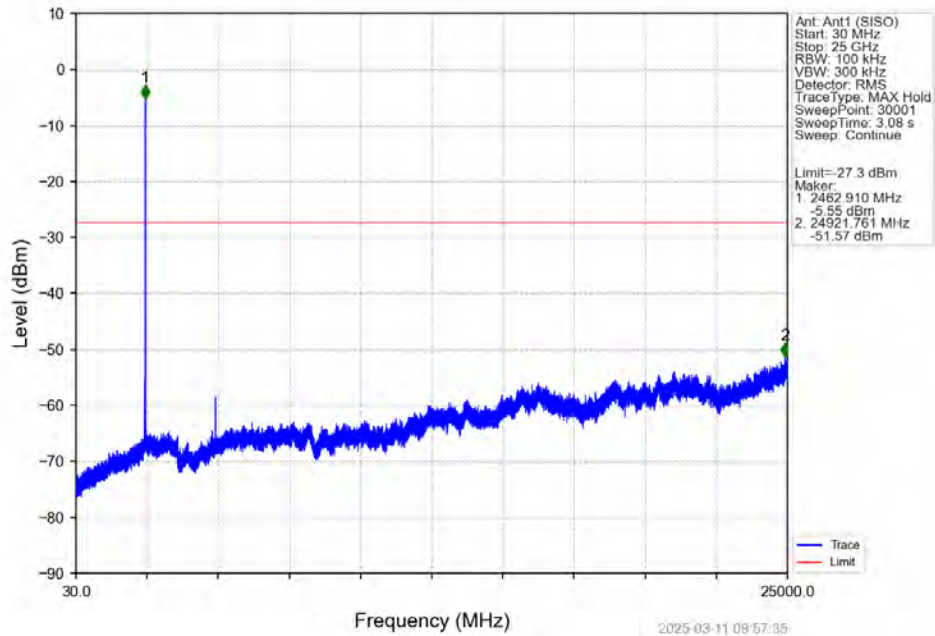
802.11b MCH 2437MHz Ant1 (SISO) NTN



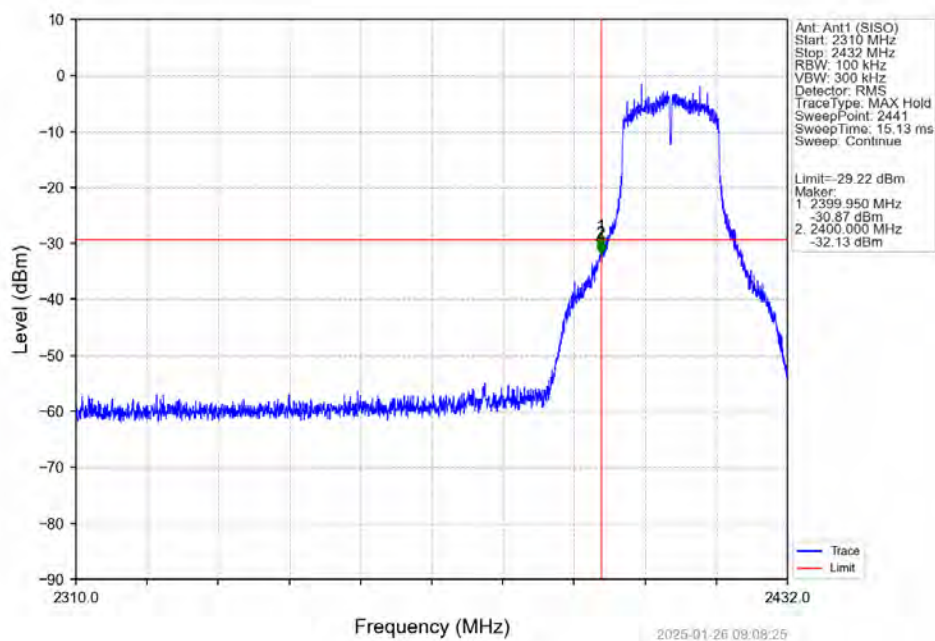
802.11b HCH 2462MHz Ant1 (SISO) NTN



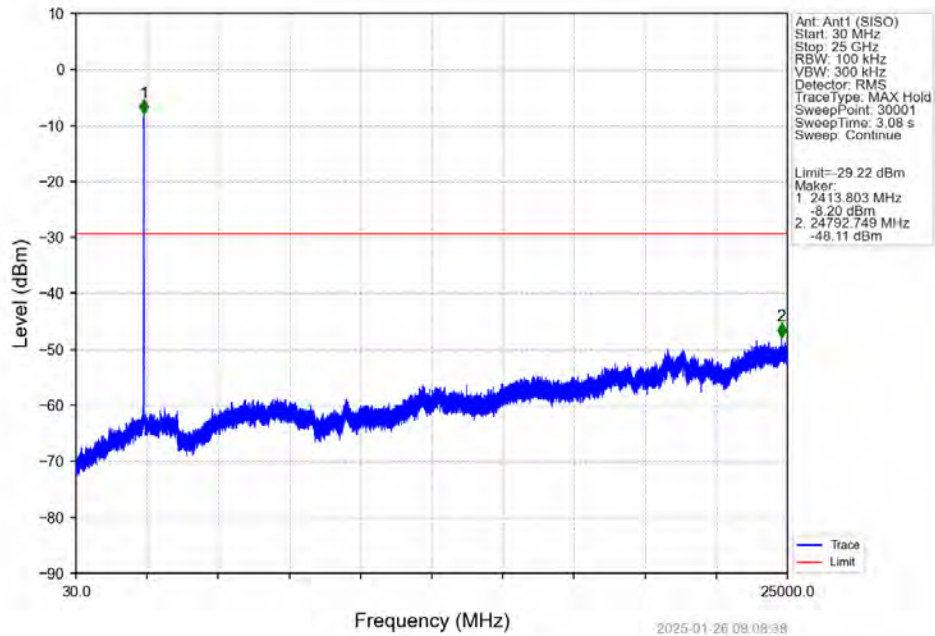
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



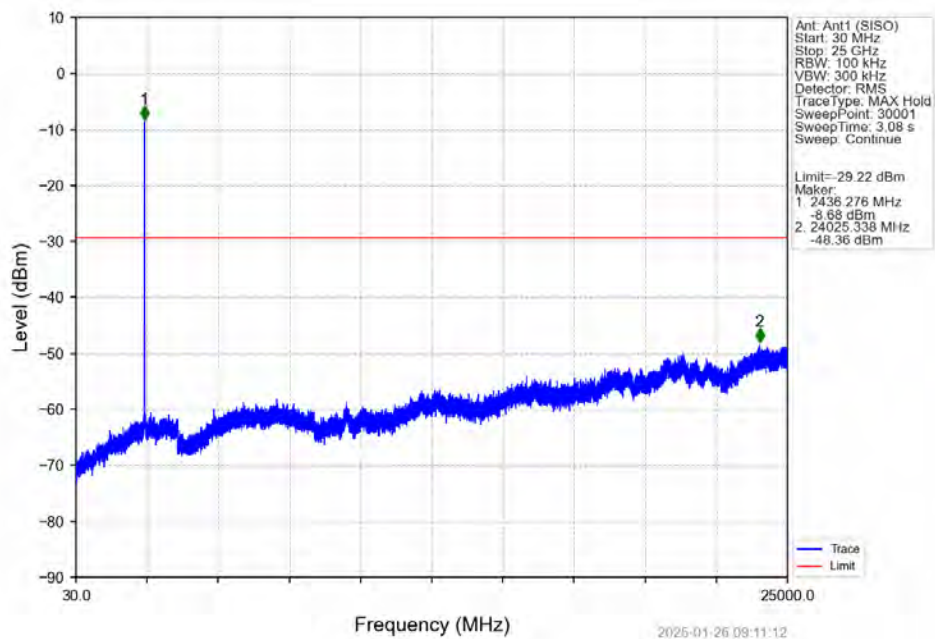
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



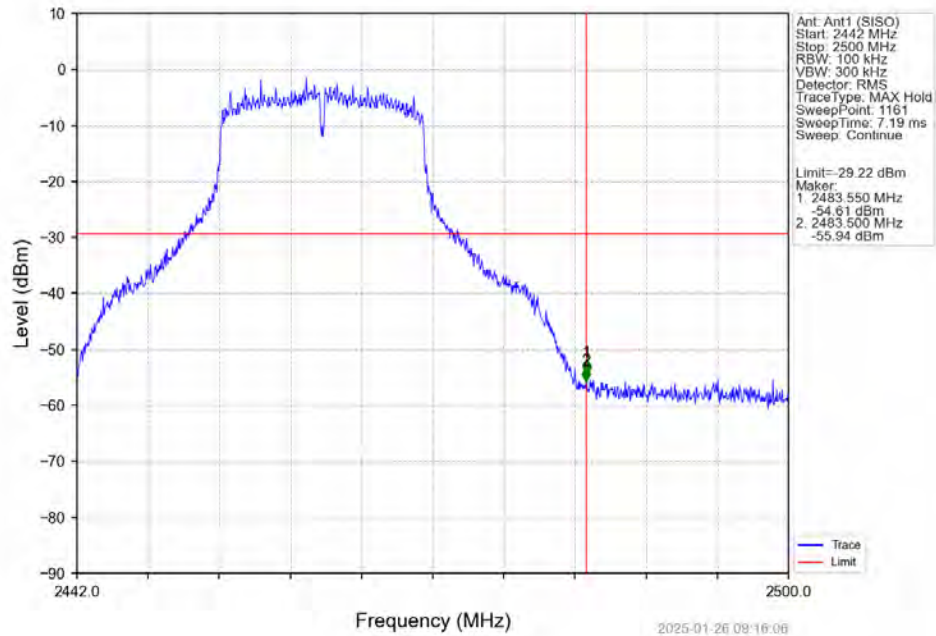
802.11g LCH 2412MHz_Ant1 (SISO) NTN



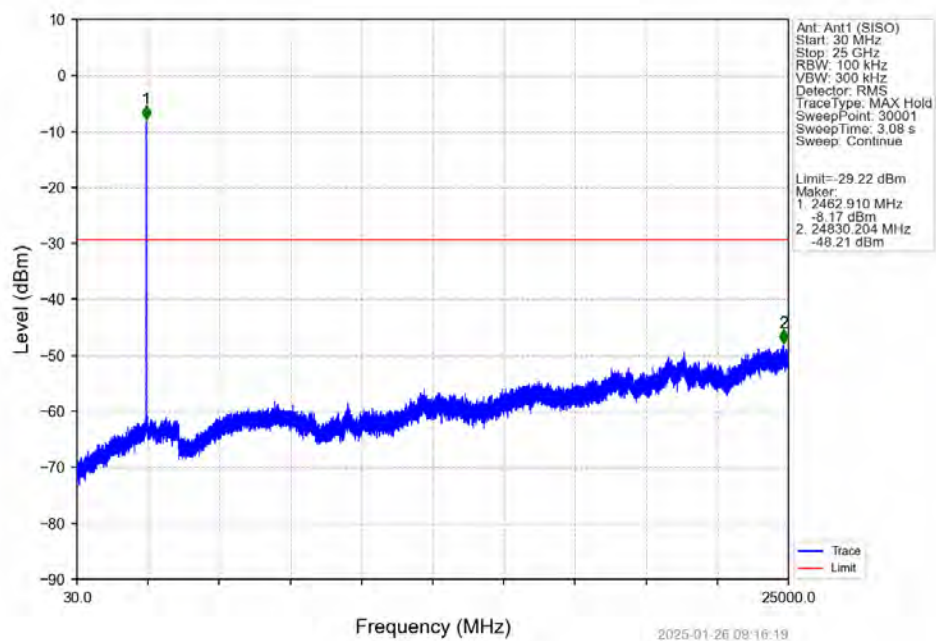
802.11g MCH 2437MHz_Ant1 (SISO) NTN



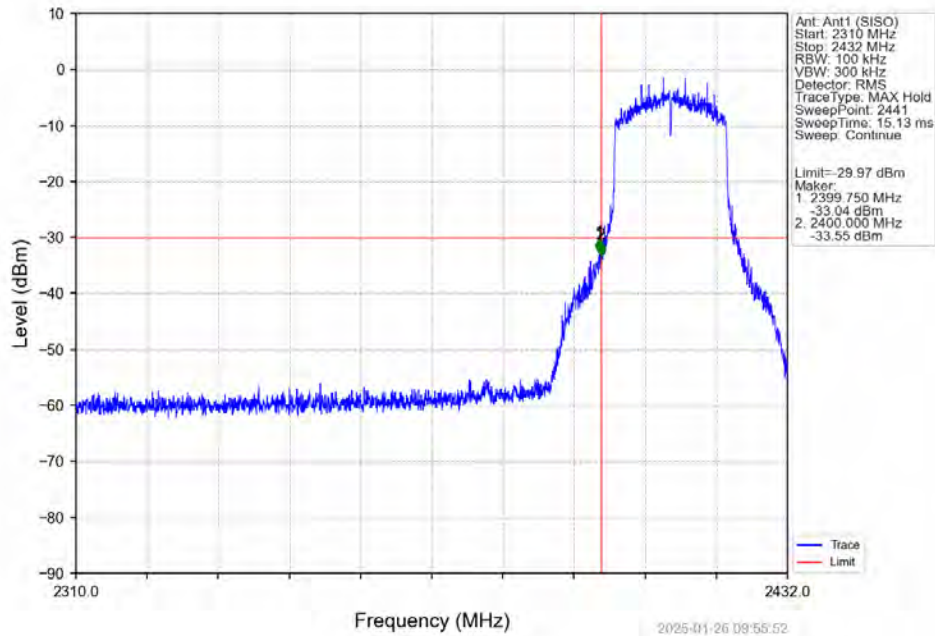
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



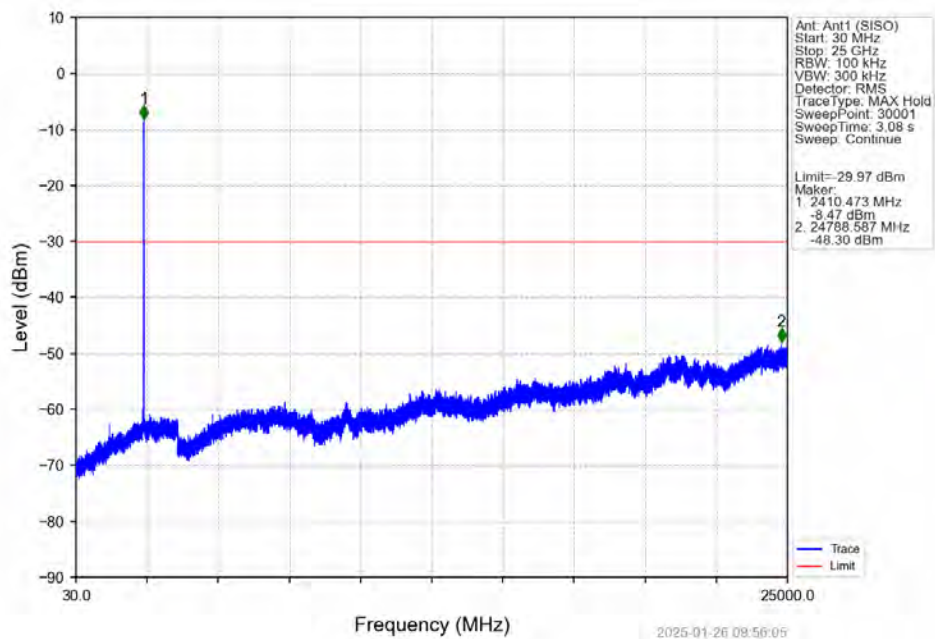
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



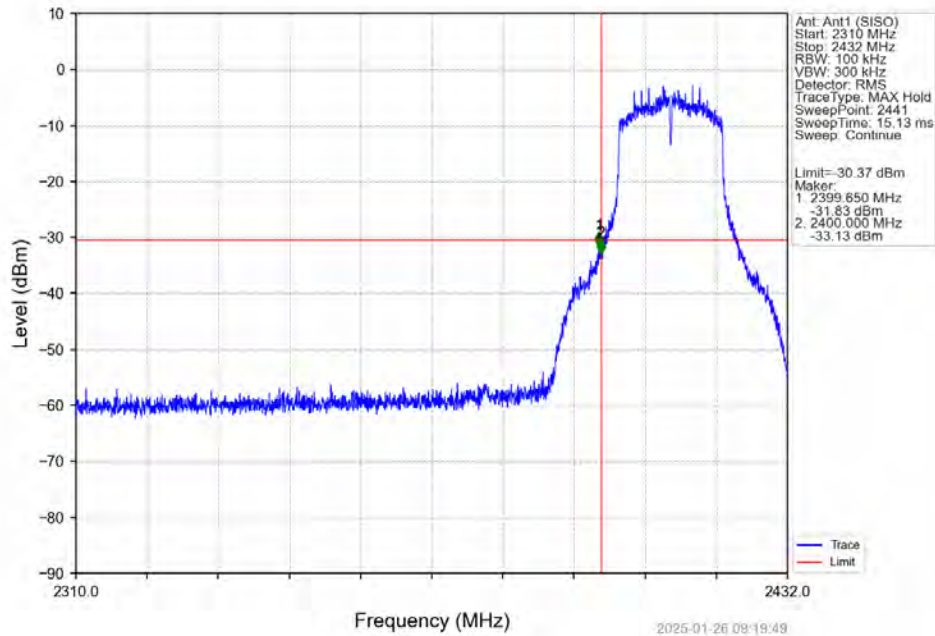
802.11ax(HE20) LCH 2412MHz RU242 Left Ant1 (SISO) NTN



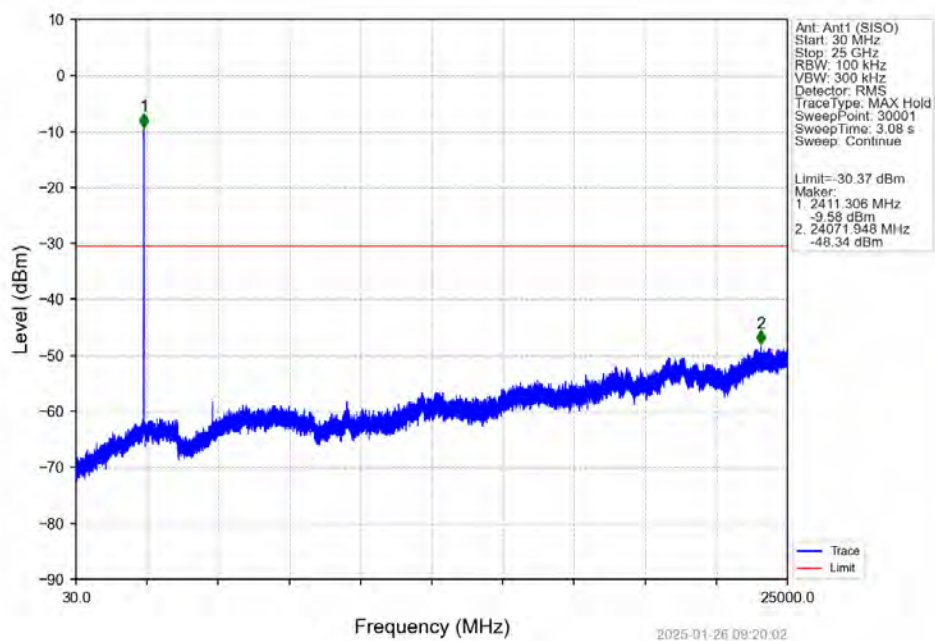
802.11ax(HE20) LCH 2412MHz RU242 Left Ant1 (SISO) NTN



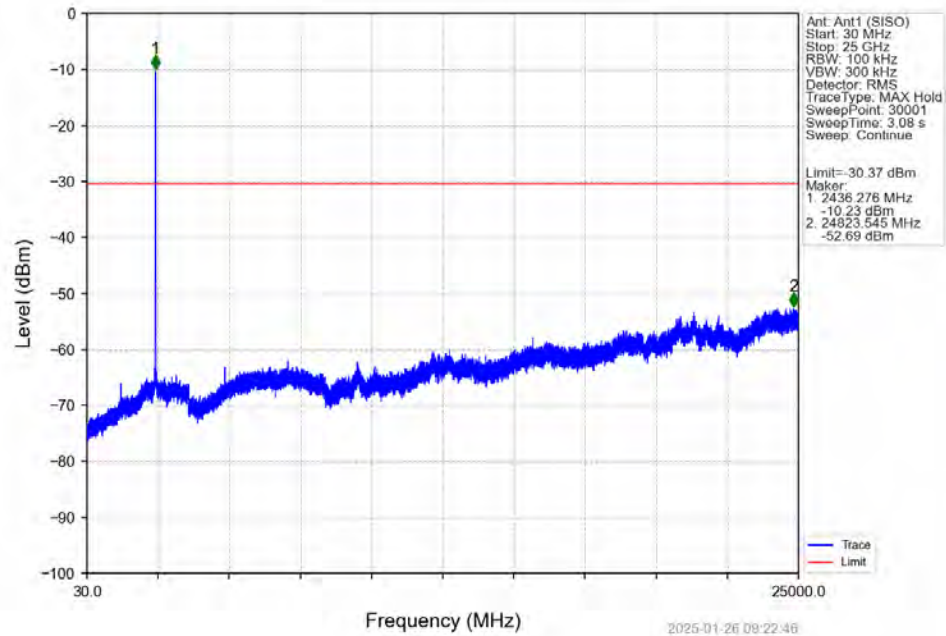
802.11n(HT20) LCH_2412MHz_Ant1 (SISO) NTN



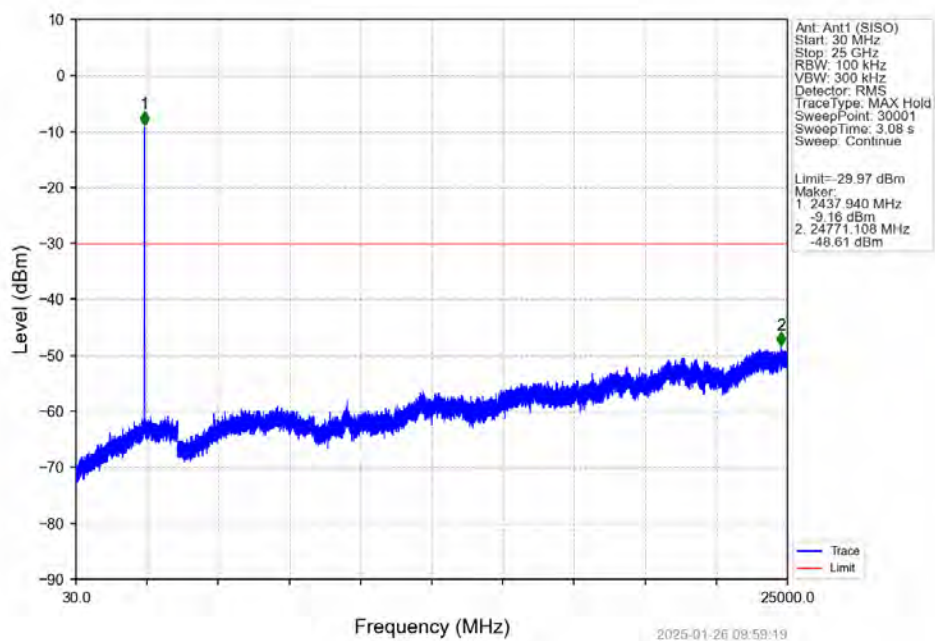
802.11n(HT20) LCH_2412MHz_Ant1 (SISO) NTN



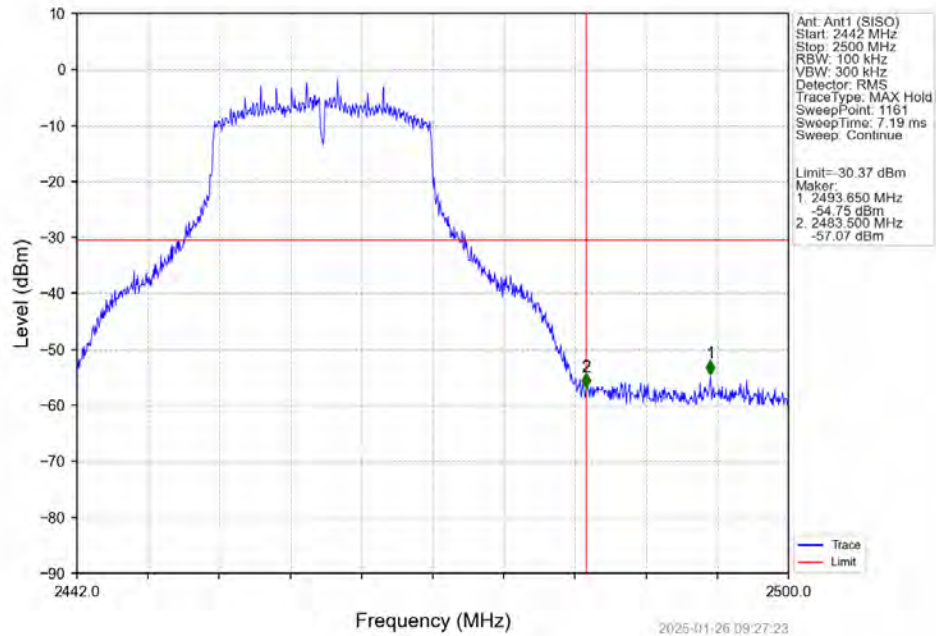
802.11n(HT20) MCH_2437MHz_Ant1 (SISO) NTN



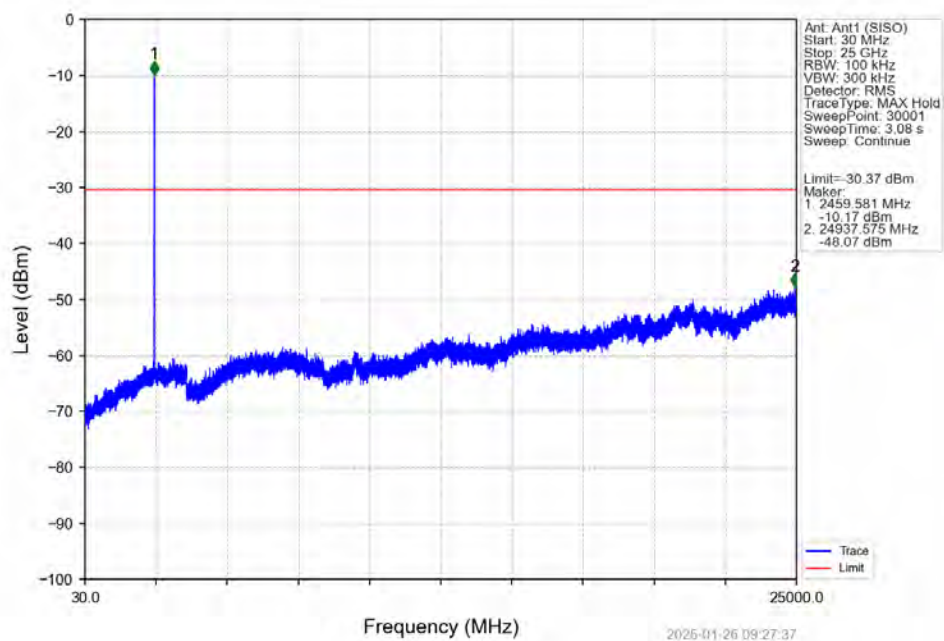
802.11ax(HE20) MCH_2437MHz_RU242_Left Ant1 (SISO) NTN



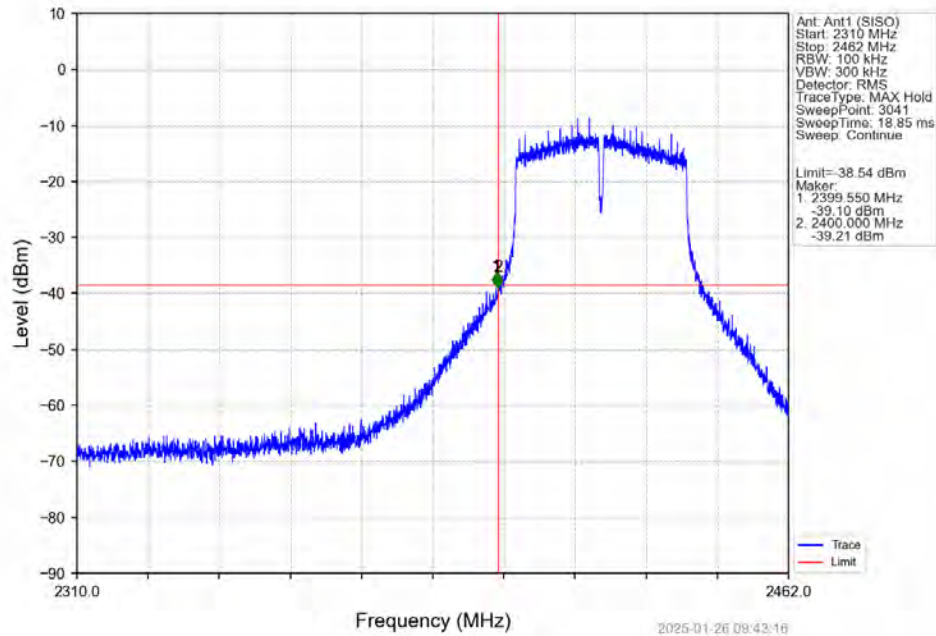
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



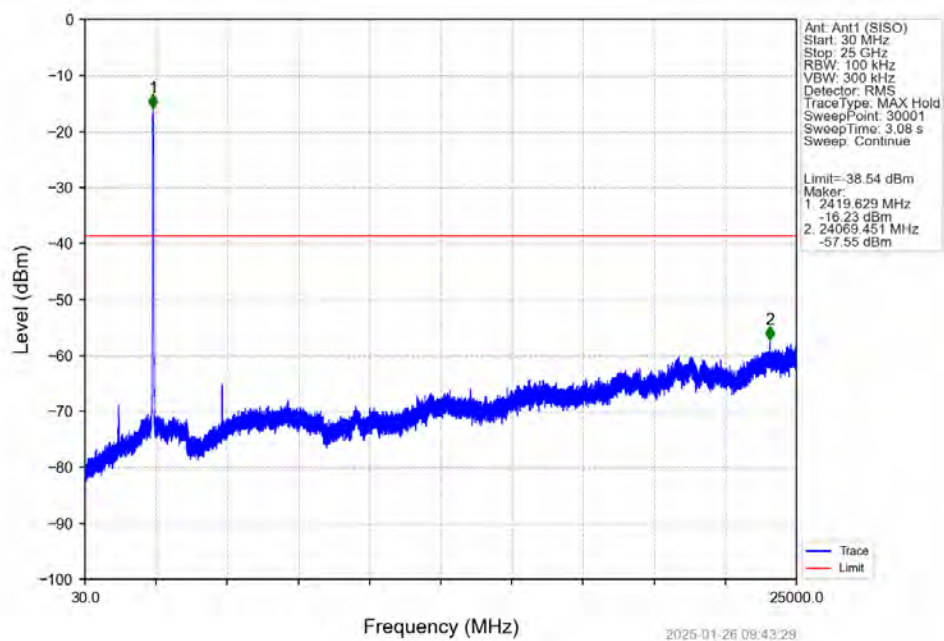
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



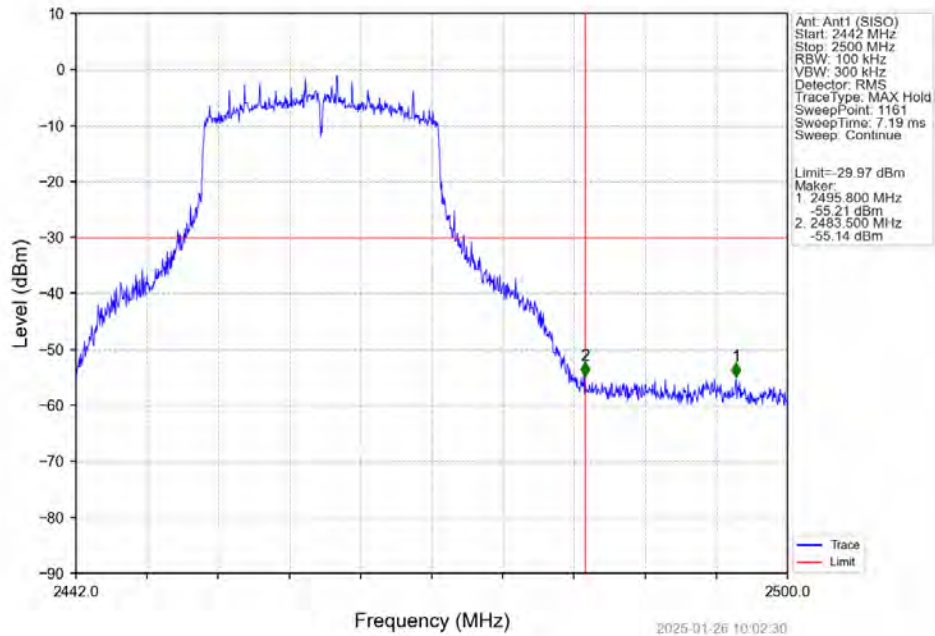
802.11n(HT40) LCH_2422MHz_Ant1 (SISO) NTN



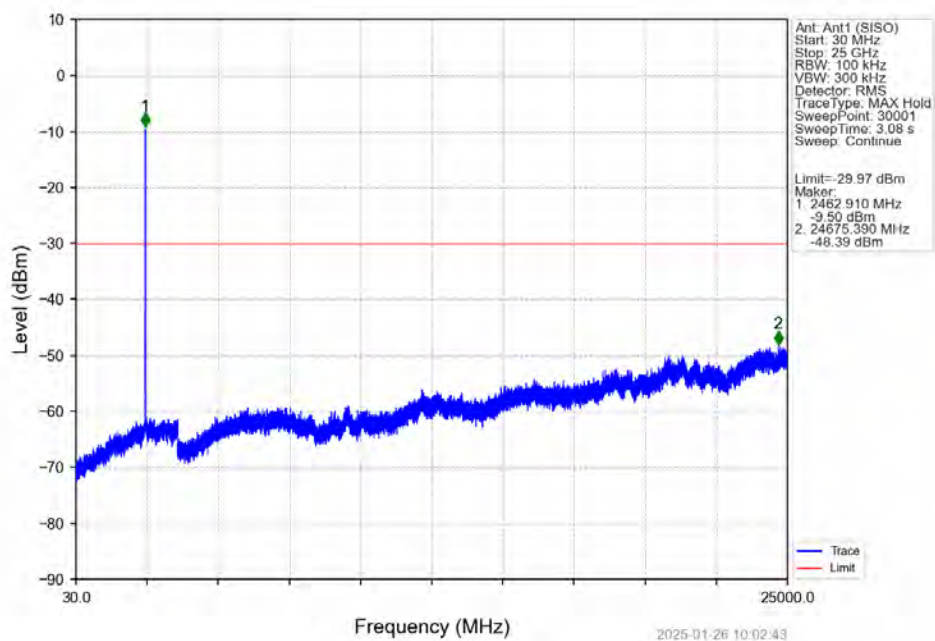
802.11n(HT40) LCH_2422MHz_Ant1 (SISO) NTN



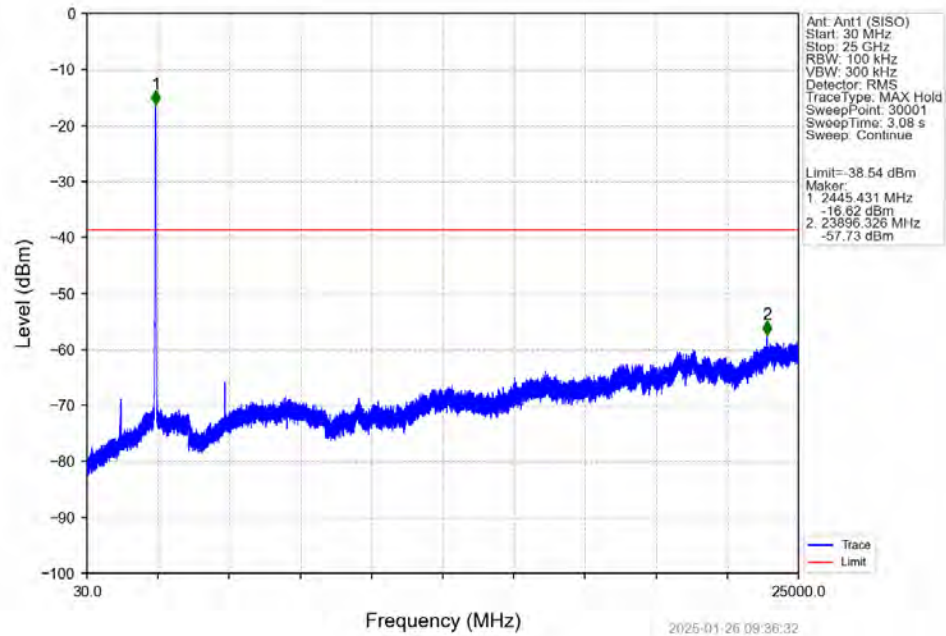
802.11ax(HE20) HCH 2462MHz RU242 Left Ant1 (SISO) NTN



802.11ax(HE20) HCH 2462MHz RU242 Left Ant1 (SISO) NTN



802.11n(HT40) MCH_2437MHz_Ant1 (SISO) NTN



802.11n(HT40) HCH_2452MHz_Ant1 (SISO) NTN

