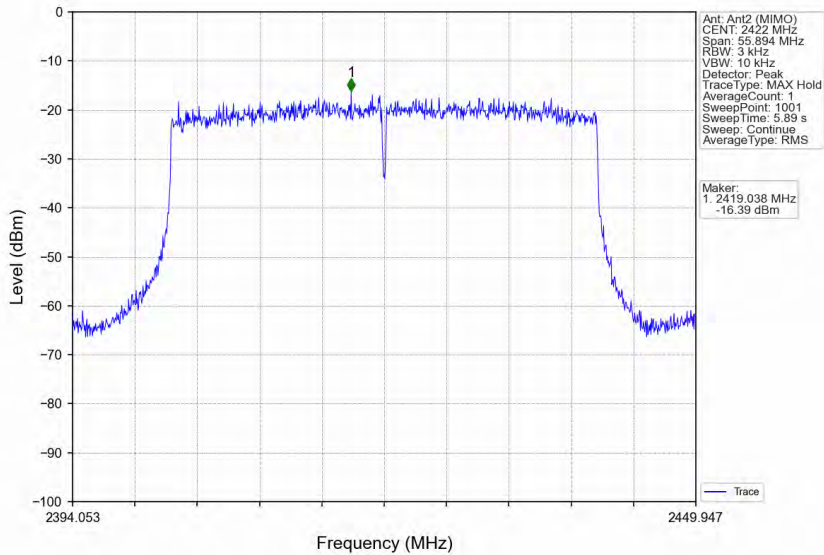
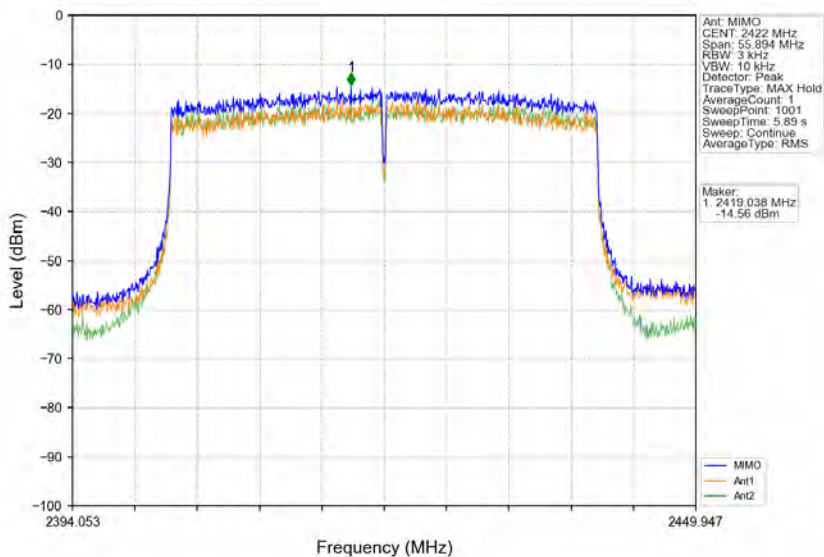


802.11ax(HEW40) LCH 2422MHz RU484 Left Ant2 (MIMO) NTN



802.11ax(HEW40) LCH 2422MHz RU484 Left MIMO NTN



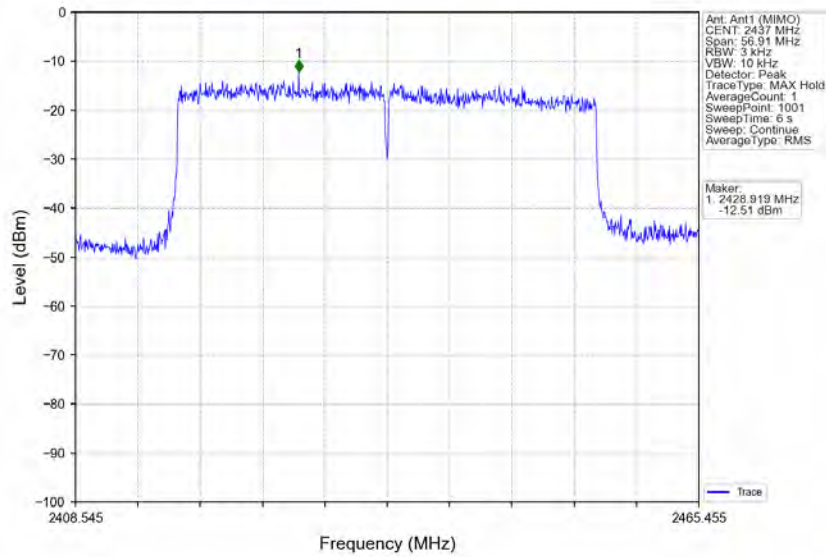
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

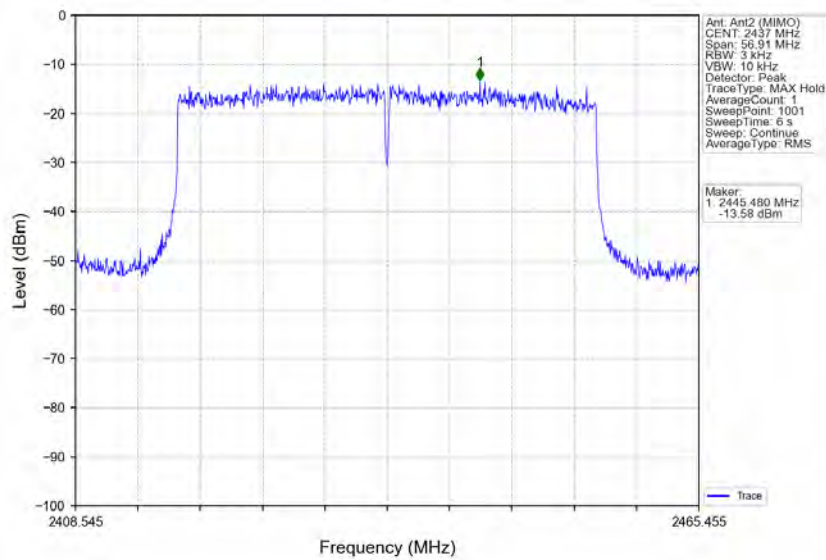
Report No.: KSCR240600099303

Page: 182 of 234

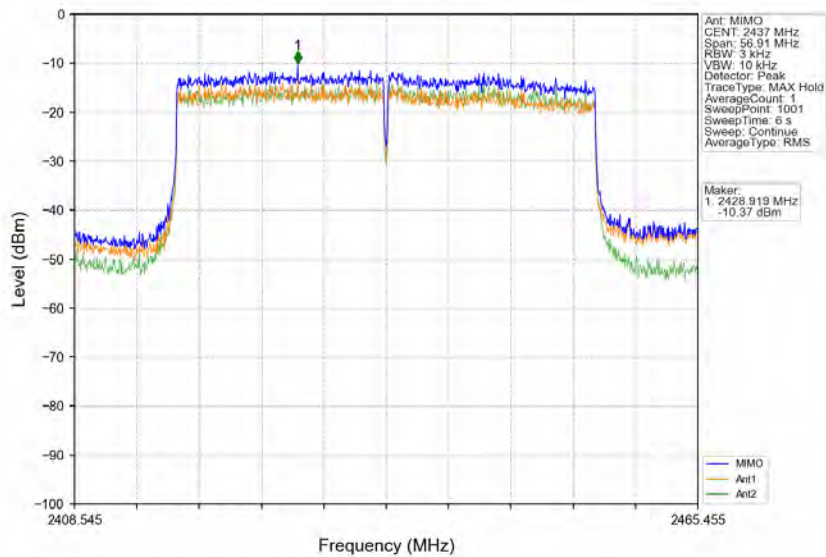
802.11ax(HEW40) MCH 2437MHz RU484 Left Ant1 (MIMO) NTN



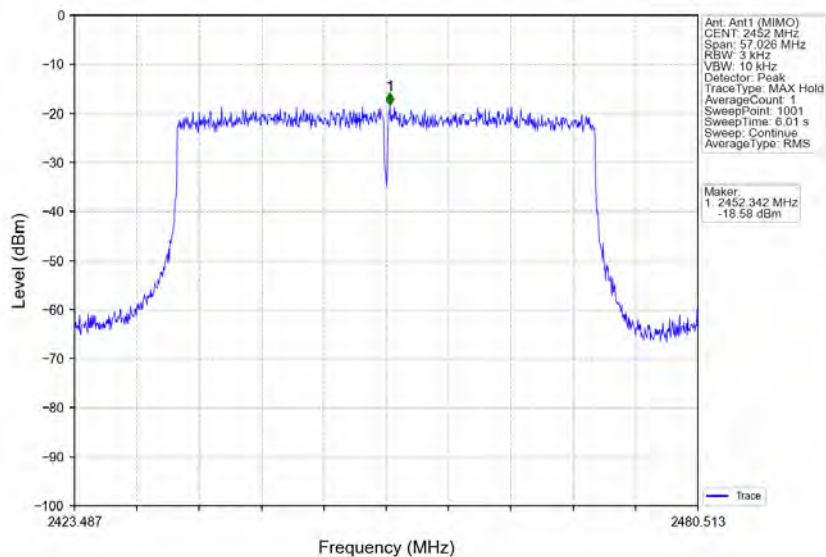
802.11ax(HEW40) MCH 2437MHz RU484 Left Ant2 (MIMO) NTN



802.11ax(HEW40) MCH 2437MHz RU484 Left MIMO NTN



802.11ax(HEW40) HCH 2452MHz RU484 Left Ant1 (MIMO) NTN



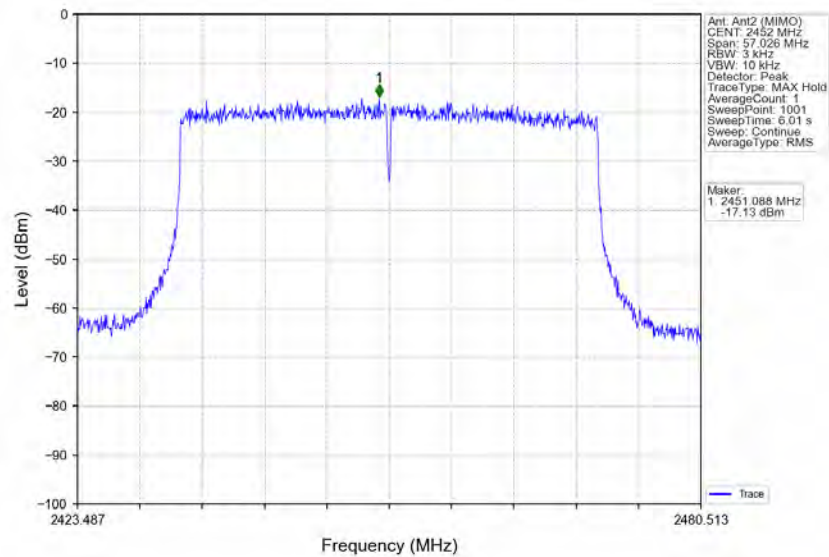
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

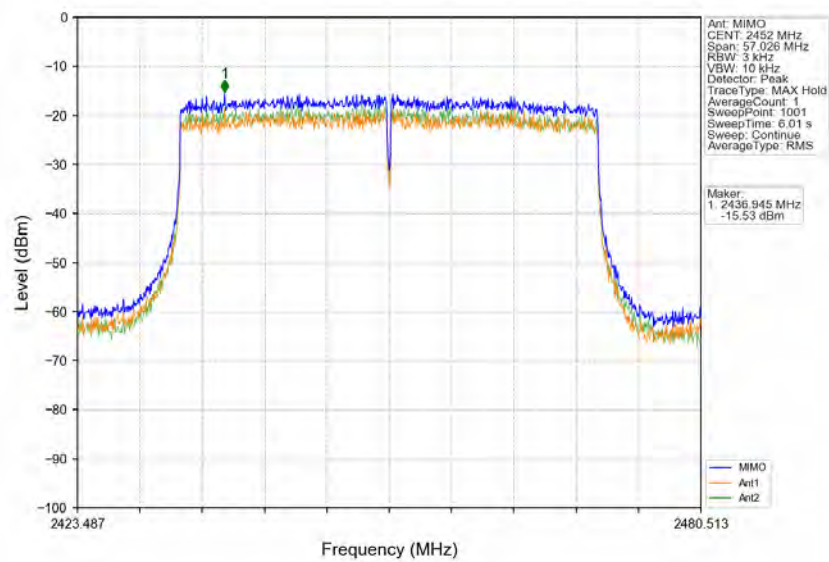
Report No.: KSCR240600099303

Page: 184 of 234

802.11ax(HEW40) HCH 2452MHz RU484 Left Ant2 (MIMO) NTN



802.11ax(HEW40) HCH 2452MHz RU484 Left MIMO NTN



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	8.49
					2	9.43
		2437	/	/	1	9.00
					2	9.84
		2462	/	/	1	7.20
					2	6.82
802.11g	SISO	2412	/	/	1	6.34
					2	6.41
		2437	/	/	1	-1.61
					2	-1.72
		2462	/	/	1	-4.75
					2	-4.69
802.11n (HT20)	MIMO	2412	/	/	1	-2.83
					2	-2.68
		2437	/	/	1	6.14
					2	5.76
		2462	/	/	1	2.82
					2	3.18
802.11n (HT40)	MIMO	2422	/	/	1	-0.60
					2	-1.36
		2437	/	/	1	-5.91
					2	-6.34
		2452	/	/	1	-2.05
					2	-1.77
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	3.89
					2	3.63
		2437	RU242	Left	1	6.29
					2	6.22
		2462	RU242	Left	1	-8.20
					2	-7.98
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	-10.42
					2	-10.99
		2437	RU484	Left	1	2.83
					2	2.56
		2452	RU484	Left	1	-2.00
					2	-1.07

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



Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR240600099303

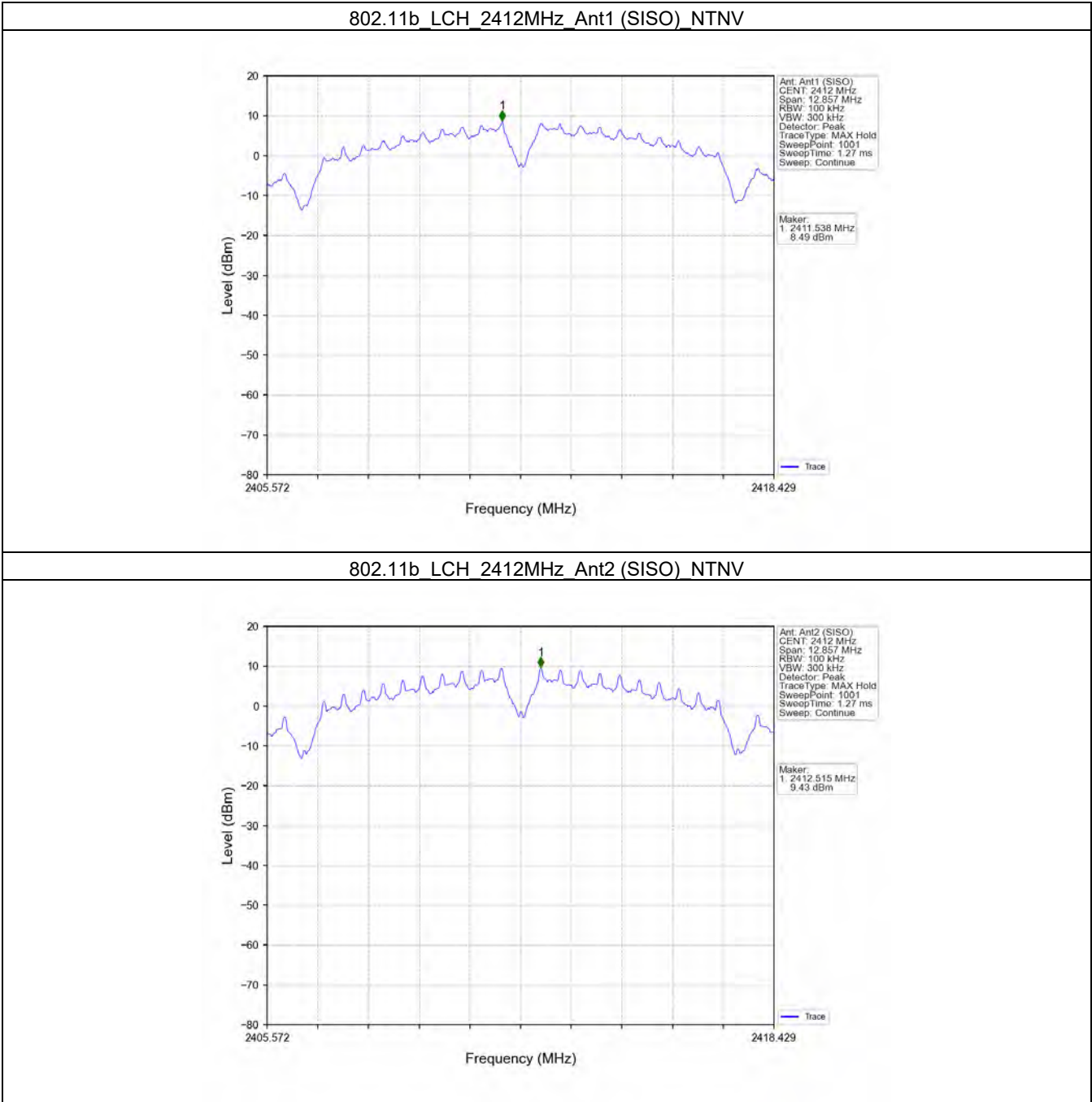
Page: 186 of 234

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	9.00	-21.00	Pass
					2	9.84	-20.16	Pass
		2437	/	/	1	9.00	-21.00	Pass
					2	9.84	-20.16	Pass
		2462	/	/	1	9.00	-21.00	Pass
					2	9.84	-20.16	Pass
802.11g	SISO	2412	/	/	1	6.34	-23.66	Pass
					2	6.41	-23.59	Pass
		2437	/	/	1	6.34	-23.66	Pass
					2	6.41	-23.59	Pass
		2462	/	/	1	6.34	-23.66	Pass
					2	6.41	-23.59	Pass
802.11n (HT20)	MIMO	2412	/	/	1	6.14	-23.86	Pass
					2	5.76	-24.24	Pass
		2437	/	/	1	6.14	-23.86	Pass
					2	5.76	-24.24	Pass
		2462	/	/	1	6.14	-23.86	Pass
					2	5.76	-24.24	Pass
802.11n (HT40)	MIMO	2422	/	/	1	-0.60	-30.60	Pass
					2	-1.36	-31.36	Pass
		2437	/	/	1	-0.60	-30.60	Pass
					2	-1.36	-31.36	Pass
		2452	/	/	1	-0.60	-30.60	Pass
					2	-1.36	-31.36	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	6.29	-23.71	Pass
					2	6.22	-23.78	Pass
		2437	RU242	Left	1	6.29	-23.71	Pass
					2	6.22	-23.78	Pass
		2462	RU242	Left	1	6.29	-23.71	Pass
					2	6.22	-23.78	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	2.83	-27.17	Pass
					2	2.56	-27.44	Pass
		2437	RU484	Left	1	2.83	-27.17	Pass
					2	2.56	-27.44	Pass
		2452	RU484	Left	1	2.83	-27.17	Pass
					2	2.56	-27.44	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



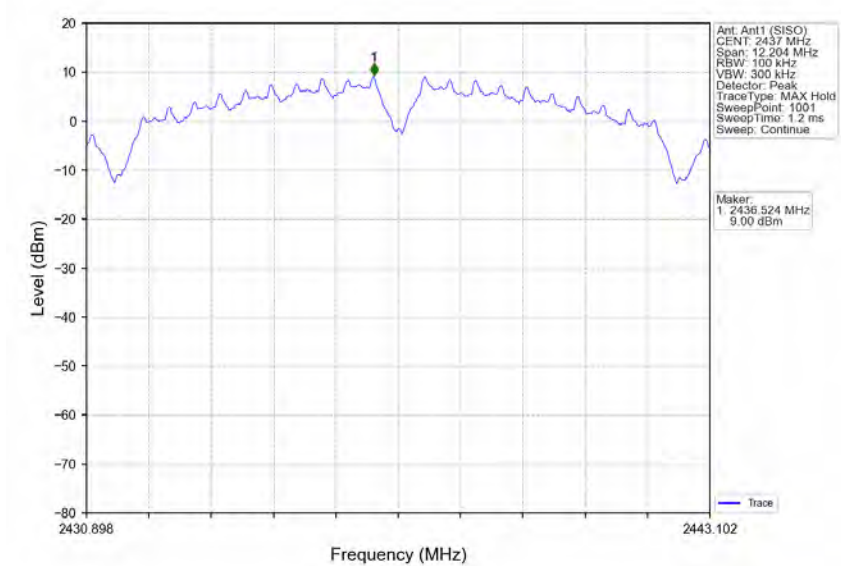
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

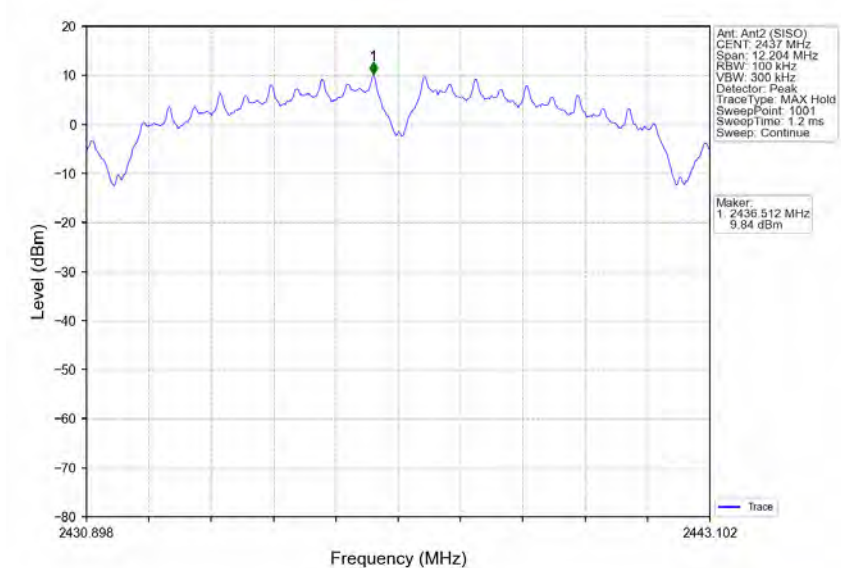
Report No.: KSCR240600099303

Page: 188 of 234

802.11b MCH 2437MHz Ant1 (SISO) NTN



802.11b MCH 2437MHz Ant2 (SISO) NTN



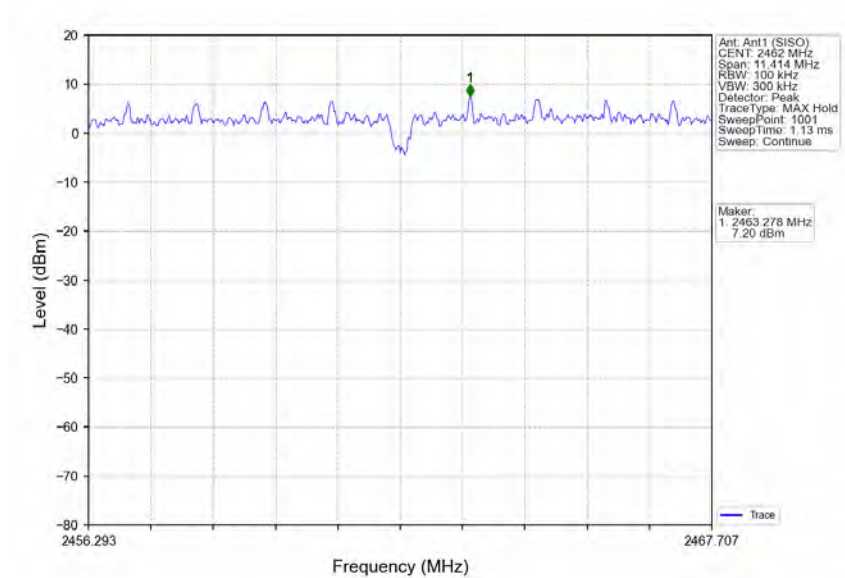
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

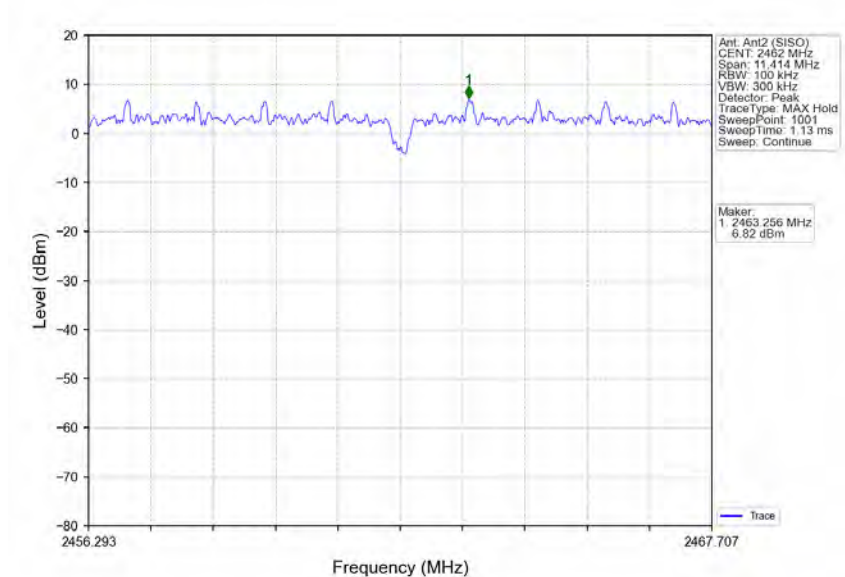
Report No.: KSCR240600099303

Page: 189 of 234

802.11b HCH 2462MHz Ant1 (SISO) NTN



802.11b HCH 2462MHz Ant2 (SISO) NTN



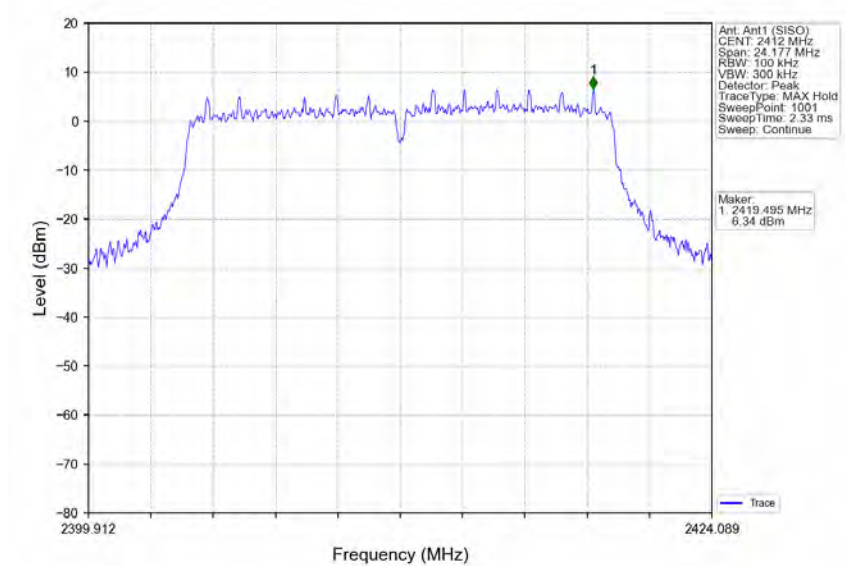
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

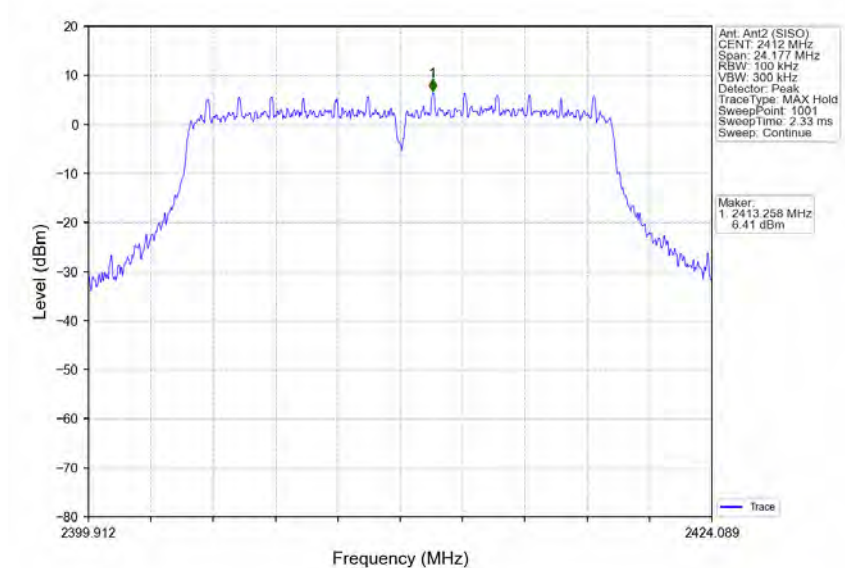
Report No.: KSCR240600099303

Page: 190 of 234

802.11g_LCH_2412MHz_Ant1 (SISO) NTN



802.11g_LCH_2412MHz_Ant2 (SISO) NTN



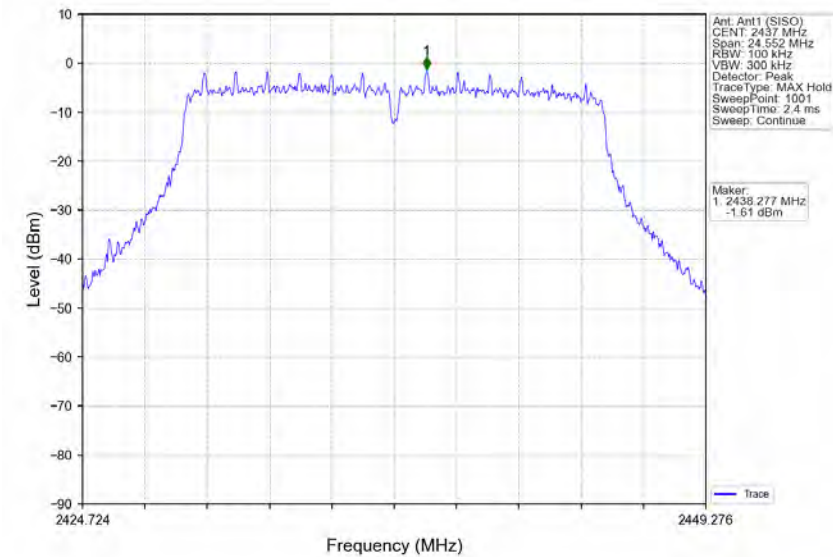
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

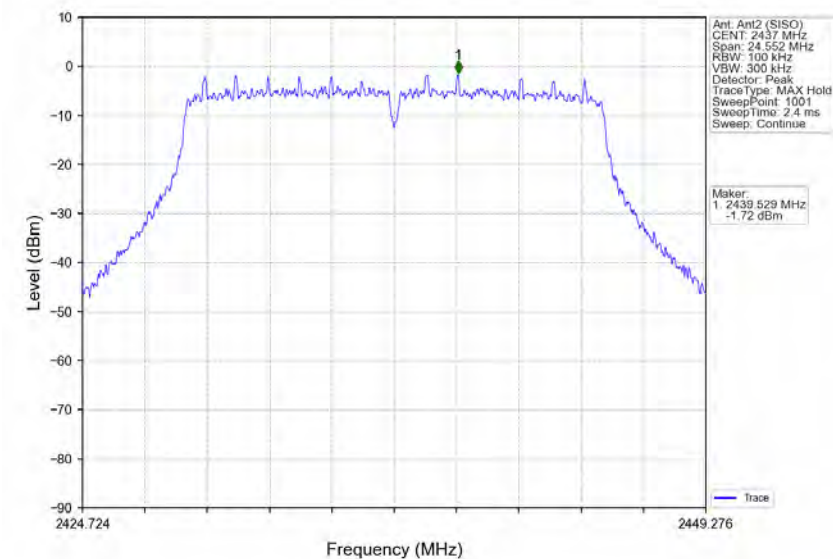
Report No.: KSCR240600099303

Page: 191 of 234

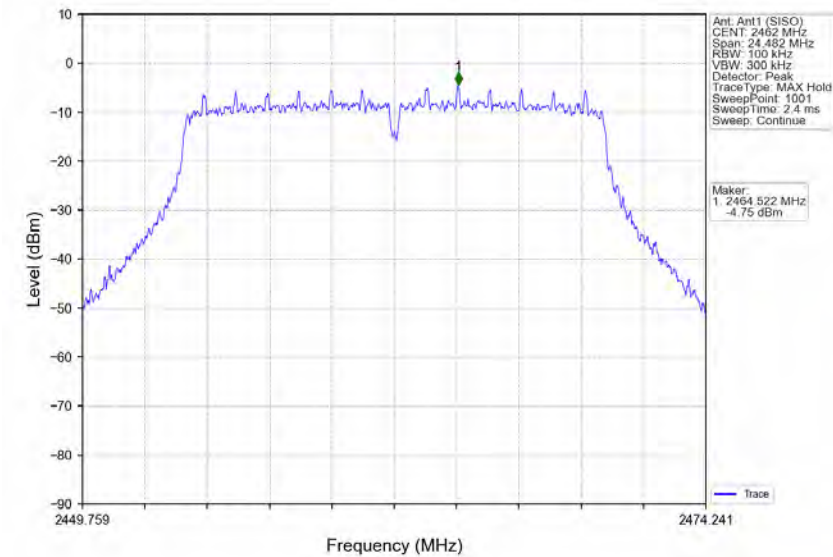
802.11g_MCH_2437MHz_Ant1 (SISO) NTN



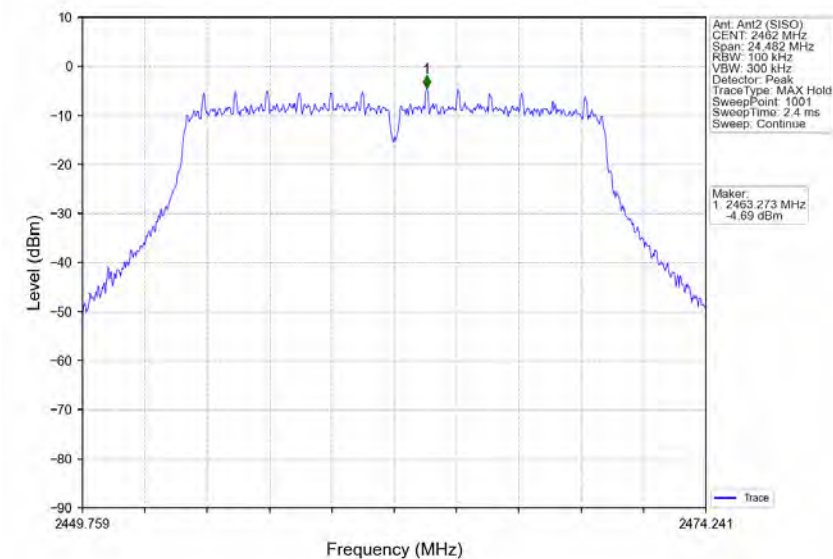
802.11g_MCH_2437MHz_Ant2 (SISO) NTN



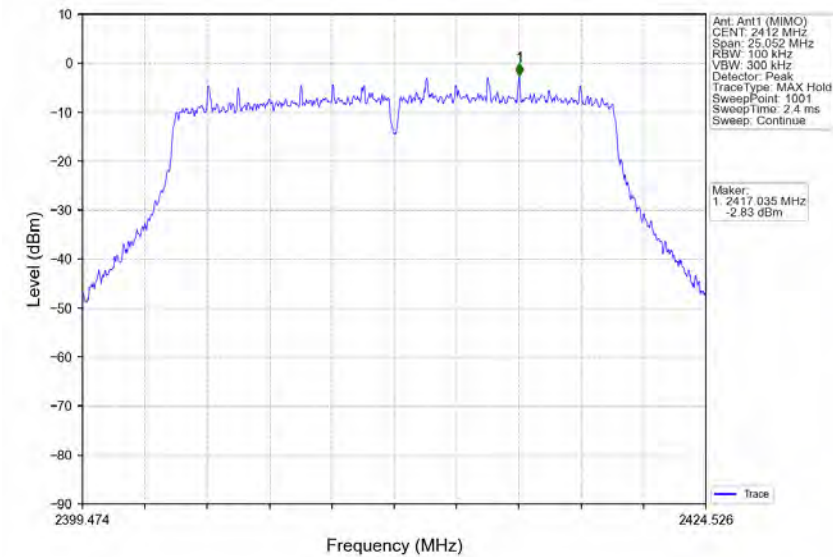
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



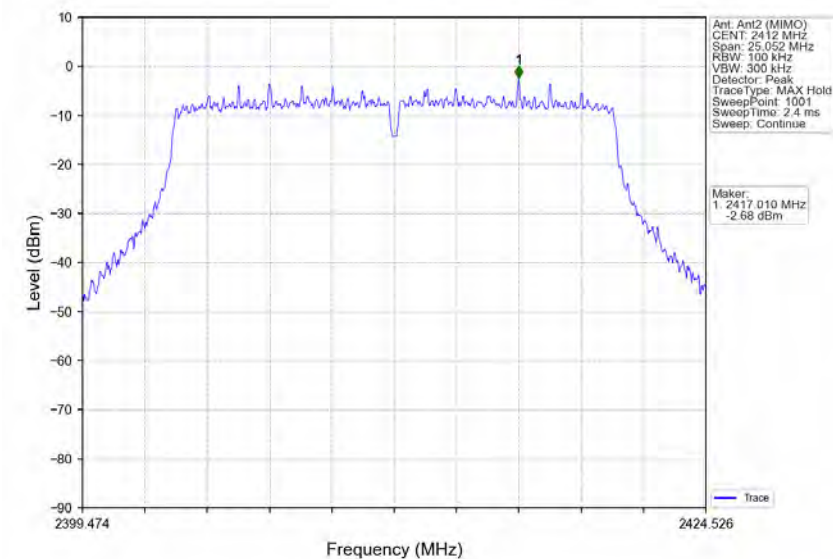
802.11g_HCH_2462MHz_Ant2 (SISO) NTN



802.11n(HT20) LCH 2412MHz Ant1 (MIMO) NTNV



802.11n(HT20) LCH 2412MHz Ant2 (MIMO) NTNV



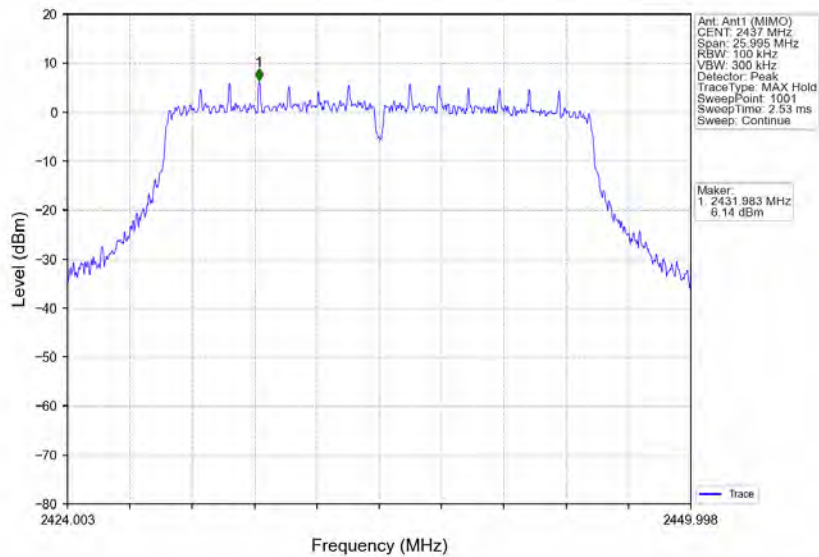
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

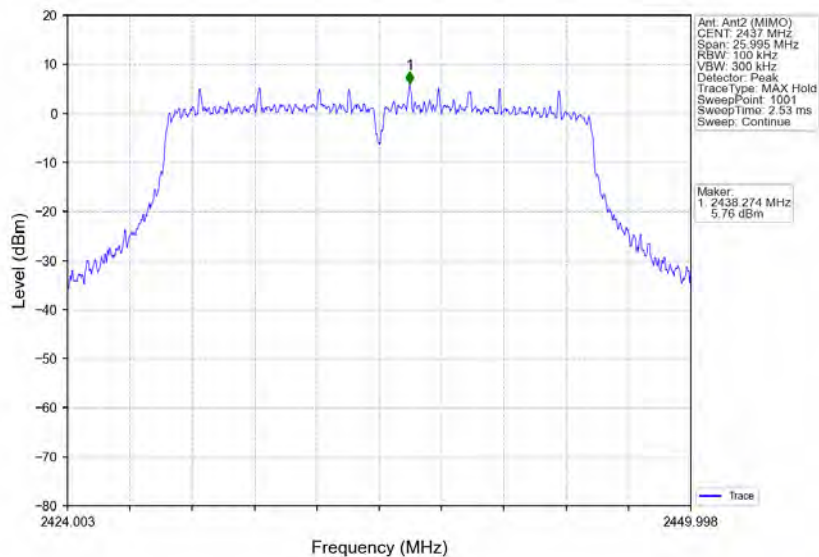
Report No.: KSCR240600099303

Page: 194 of 234

802.11n(HT20) MCH_2437MHz_Ant1 (MIMO) NTN



802.11n(HT20) MCH_2437MHz_Ant2 (MIMO) NTN



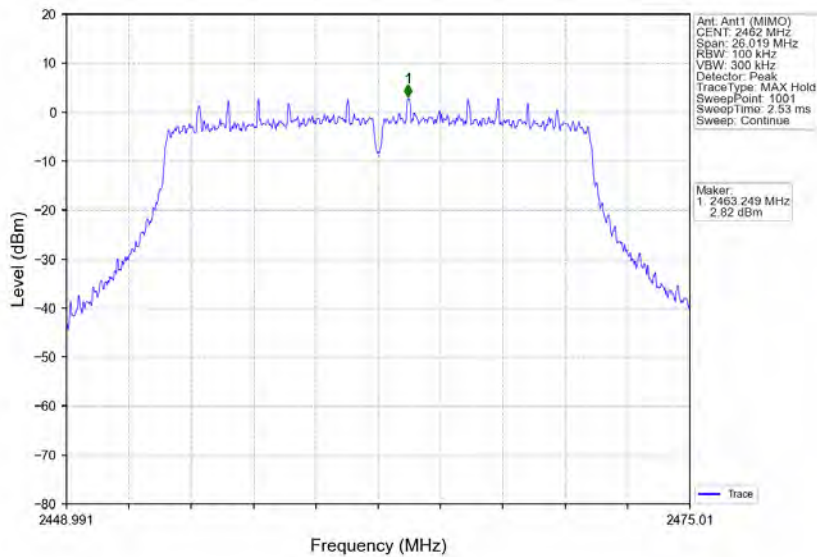
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

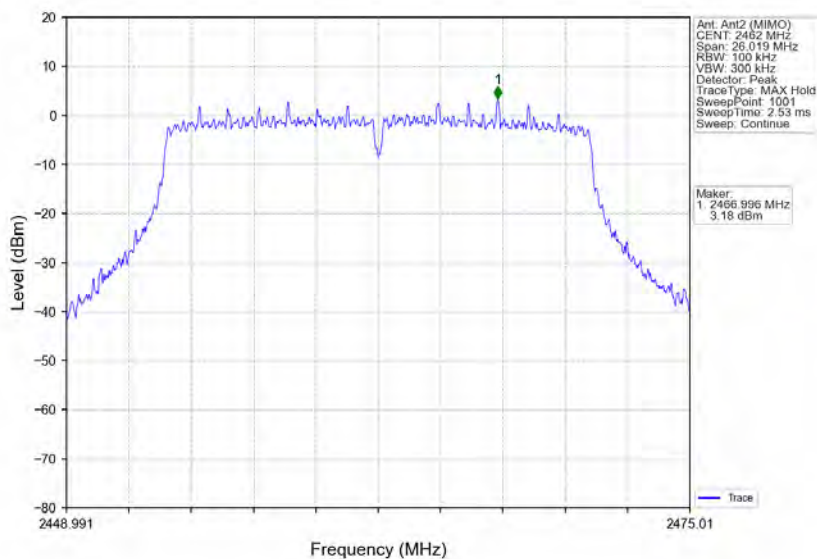
Report No.: KSCR240600099303

Page: 195 of 234

802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



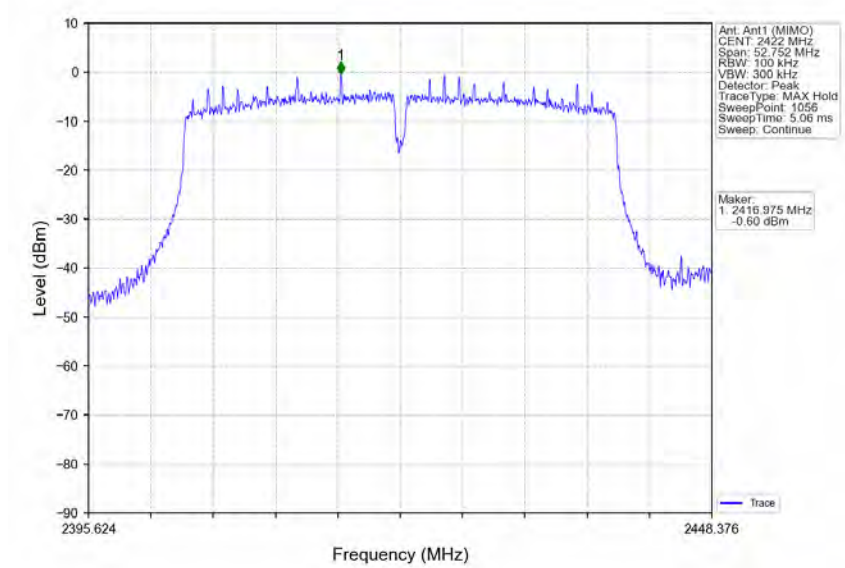
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

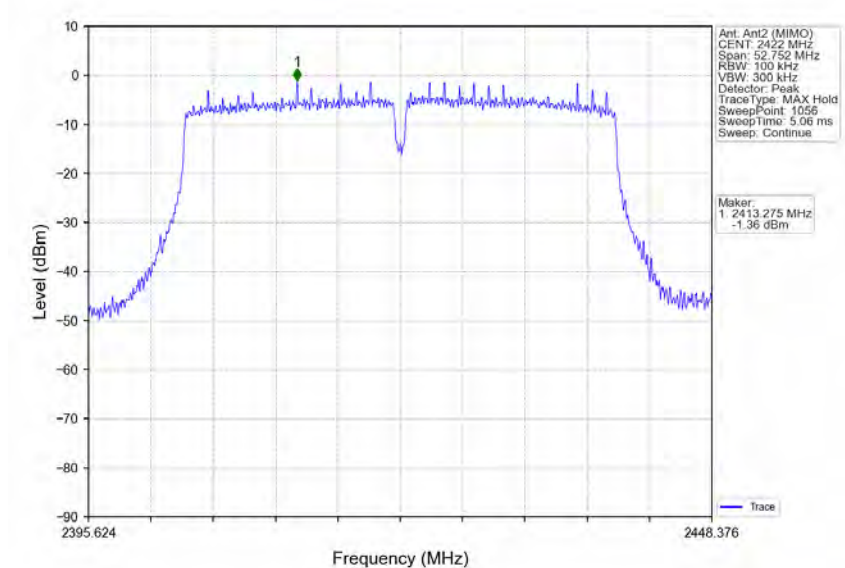
Report No.: KSCR240600099303

Page: 196 of 234

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



802.11n(HT40) LCH 2422MHz Ant2 (MIMO) NTN



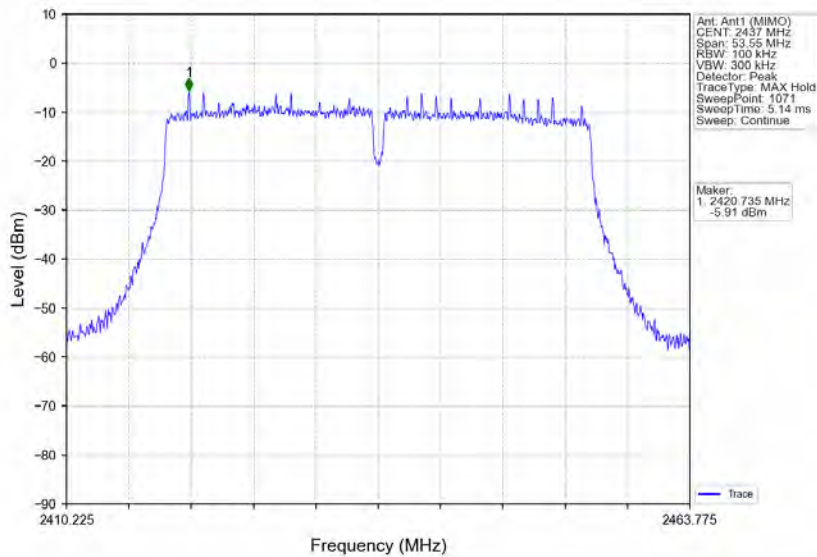
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

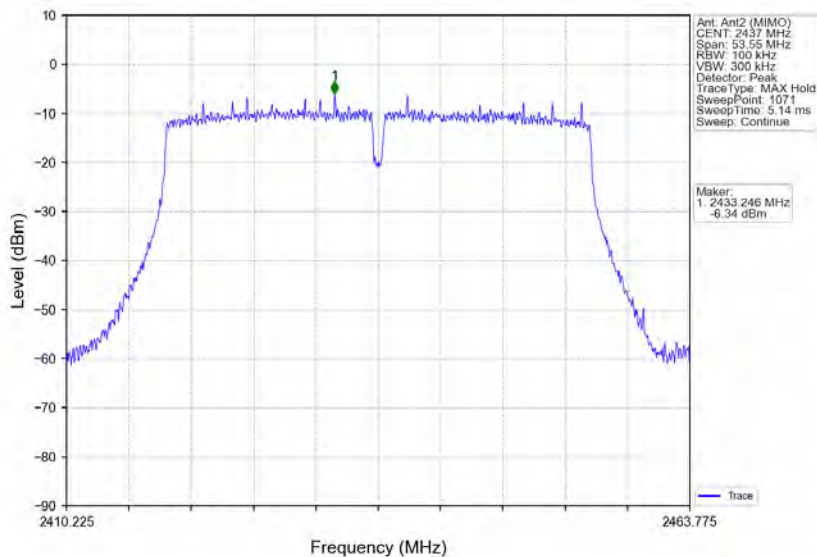
Report No.: KSCR240600099303

Page: 197 of 234

802.11n(HT40) MCH_2437MHz_Ant1 (MIMO) NTN



802.11n(HT40) MCH_2437MHz_Ant2 (MIMO) NTN



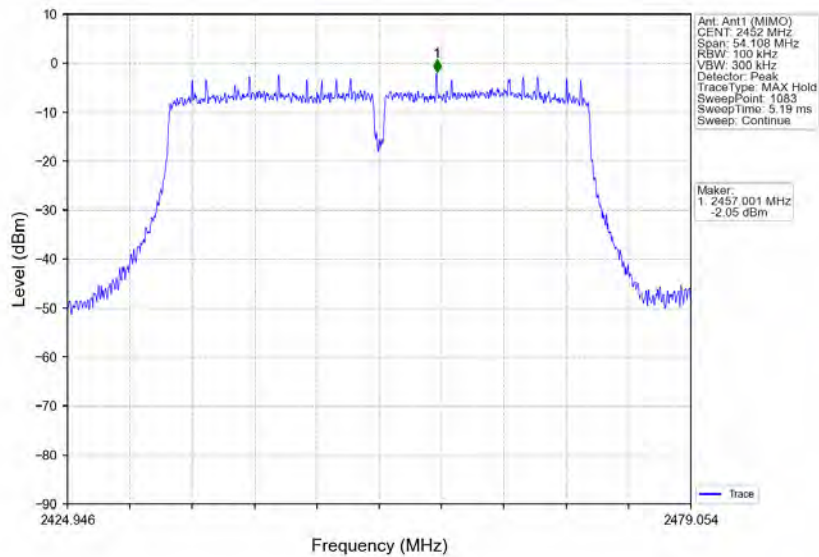
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

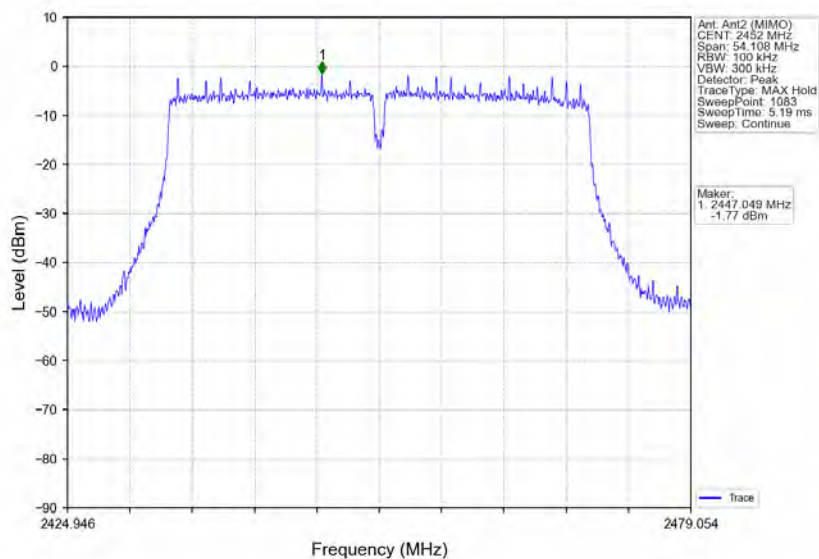
Report No.: KSCR240600099303

Page: 198 of 234

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



802.11n(HT40) HCH 2452MHz Ant2 (MIMO) NTN



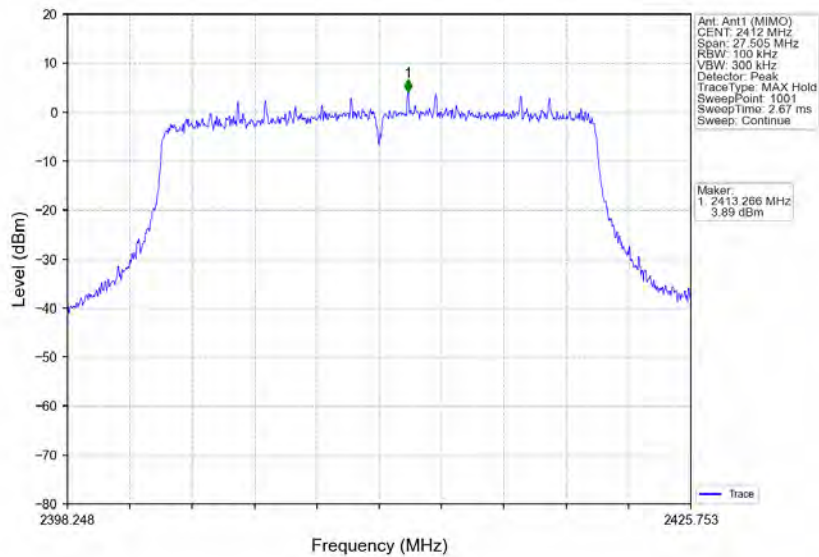
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

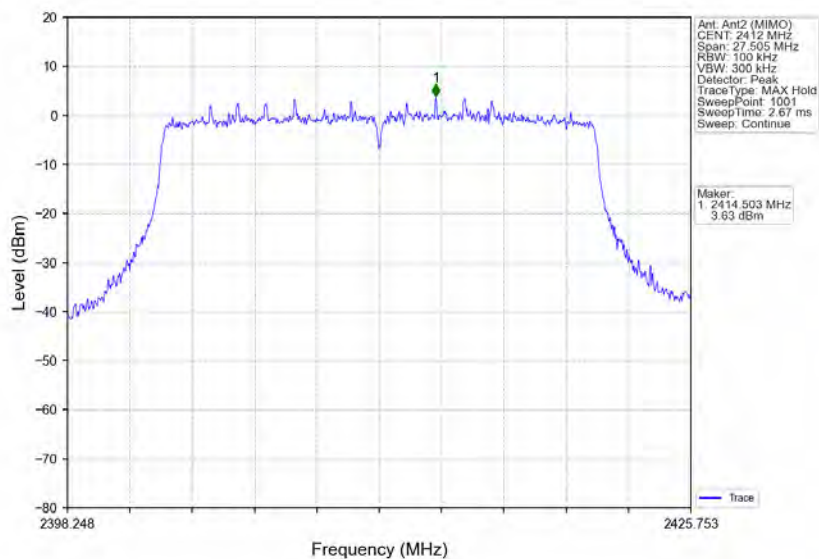
Report No.: KSCR240600099303

Page: 199 of 234

802.11ax(HEW20) LCH 2412MHz RU242 Left Ant1 (MIMO) NTNv



802.11ax(HEW20) LCH 2412MHz RU242 Left Ant2 (MIMO) NTNv



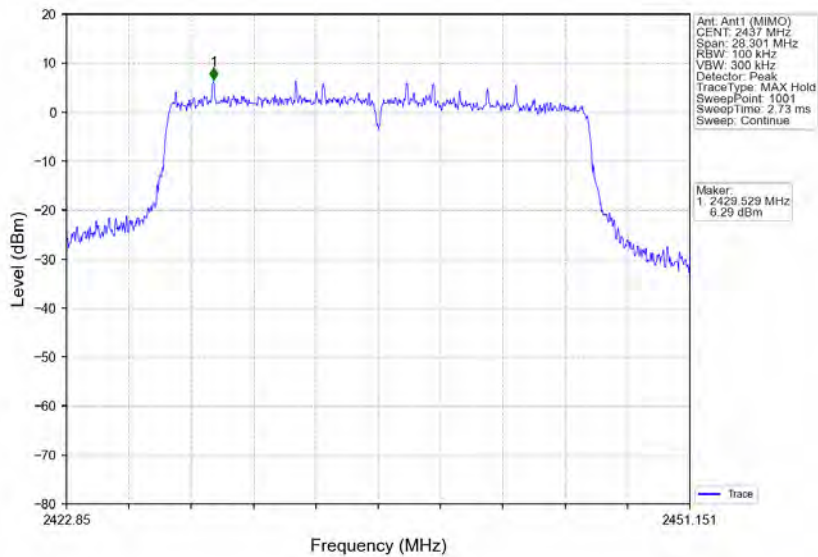
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

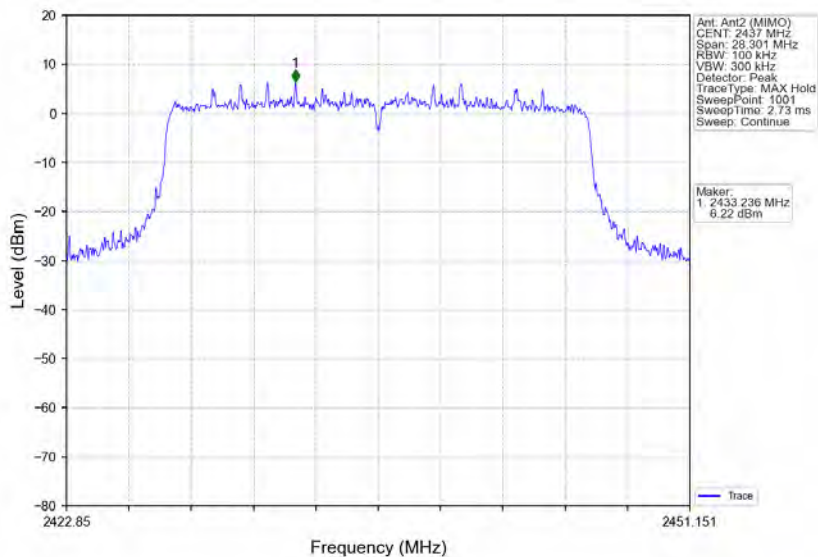
Report No.: KSCR240600099303

Page: 200 of 234

802.11ax(HEW20) MCH 2437MHz RU242 Left Ant1 (MIMO) NTN



802.11ax(HEW20) MCH 2437MHz RU242 Left Ant2 (MIMO) NTN



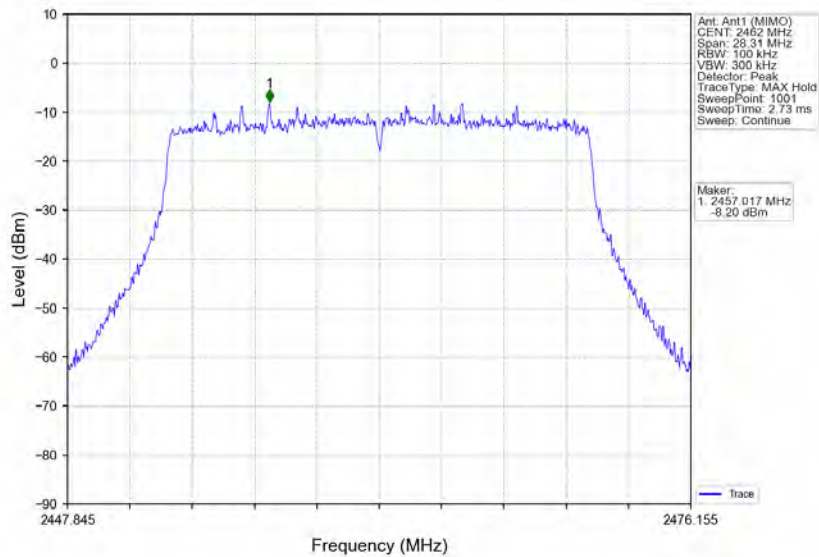
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

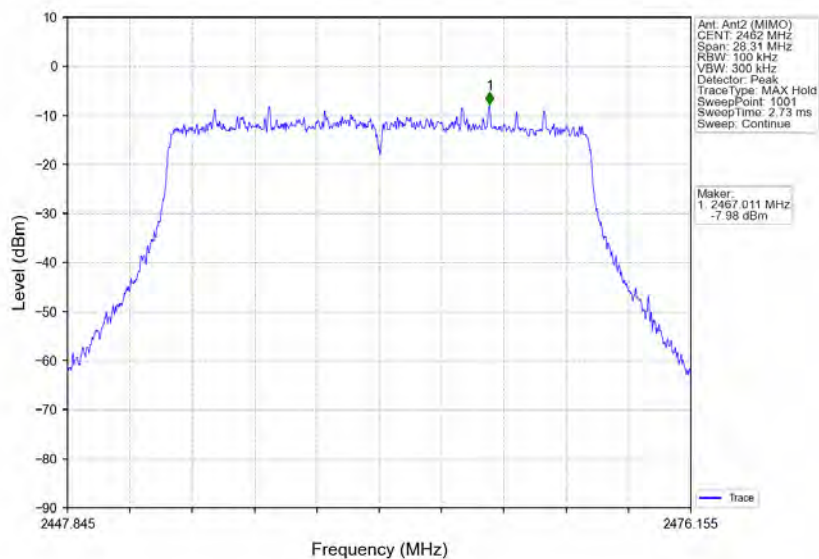
Report No.: KSCR240600099303

Page: 201 of 234

802.11ax(HEW20) HCH 2462MHz RU242 Left Ant1 (MIMO) NTN



802.11ax(HEW20) HCH 2462MHz RU242 Left Ant2 (MIMO) NTN



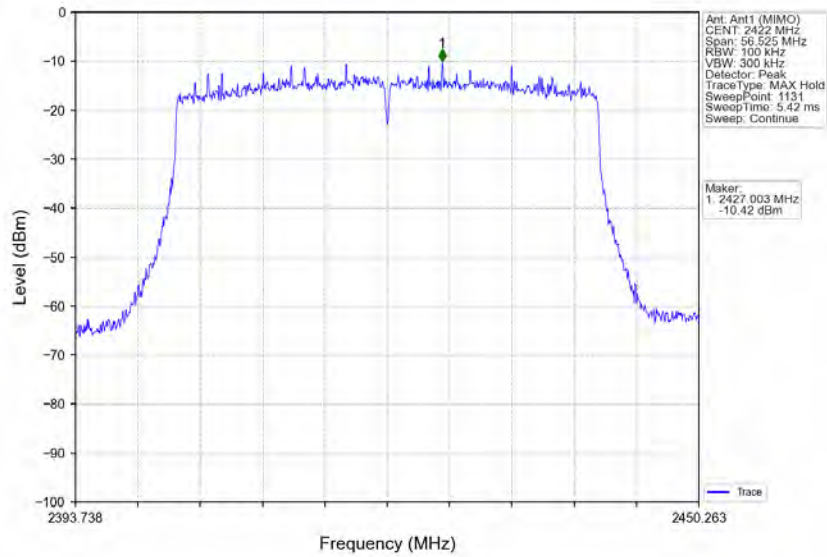
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

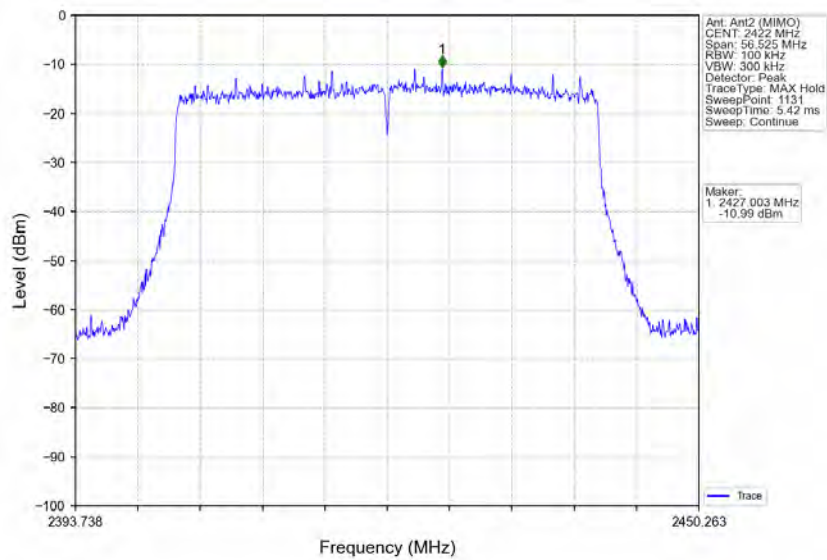
Report No.: KSCR240600099303

Page: 202 of 234

802.11ax(HEW40) LCH 2422MHz RU484 Left Ant1 (MIMO) NTVN



802.11ax(HEW40) LCH 2422MHz RU484 Left Ant2 (MIMO) NTVN



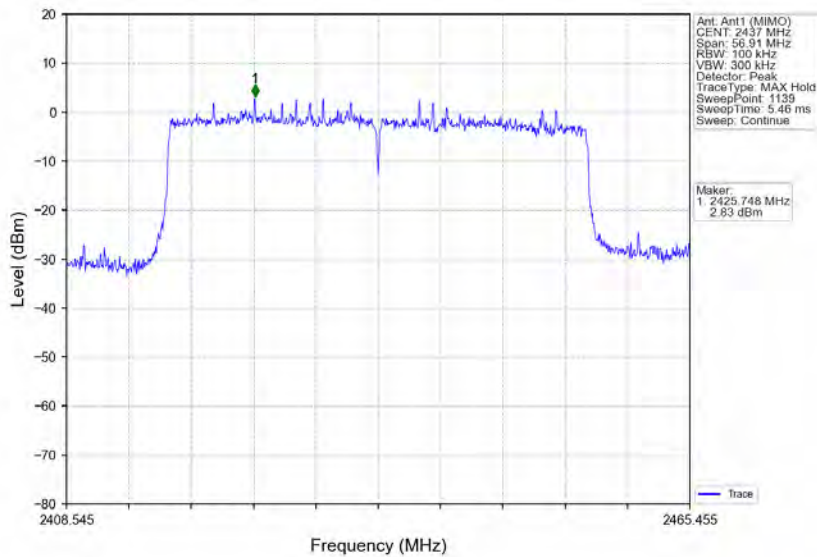
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

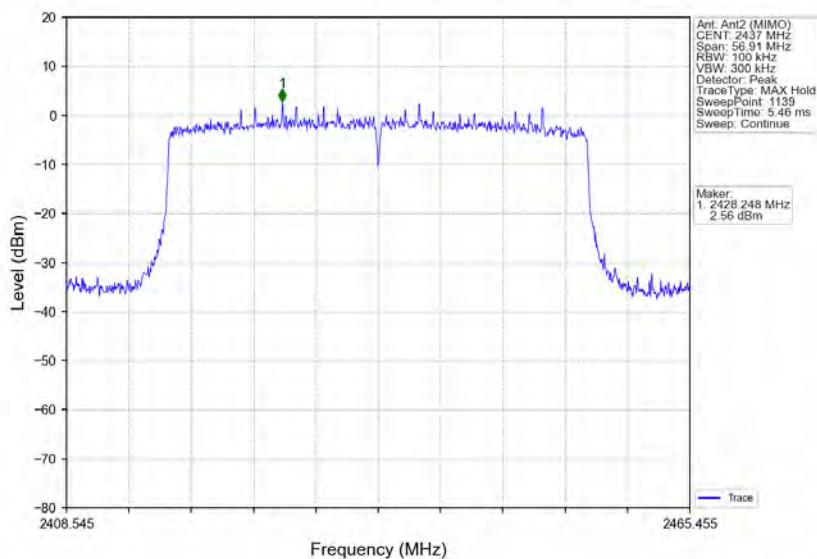
Report No.: KSCR240600099303

Page: 203 of 234

802.11ax(HEW40) MCH 2437MHz RU484 Left Ant1 (MIMO) NTN



802.11ax(HEW40) MCH 2437MHz RU484 Left Ant2 (MIMO) NTN



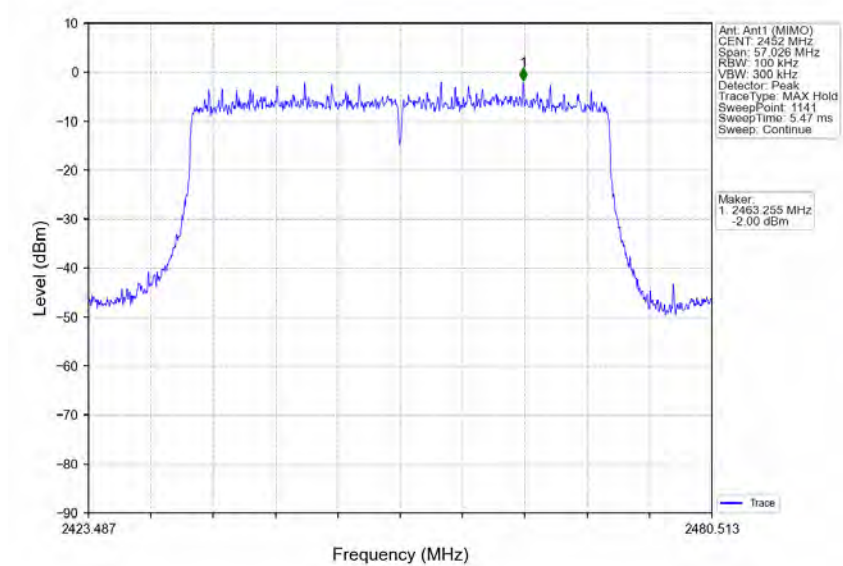
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

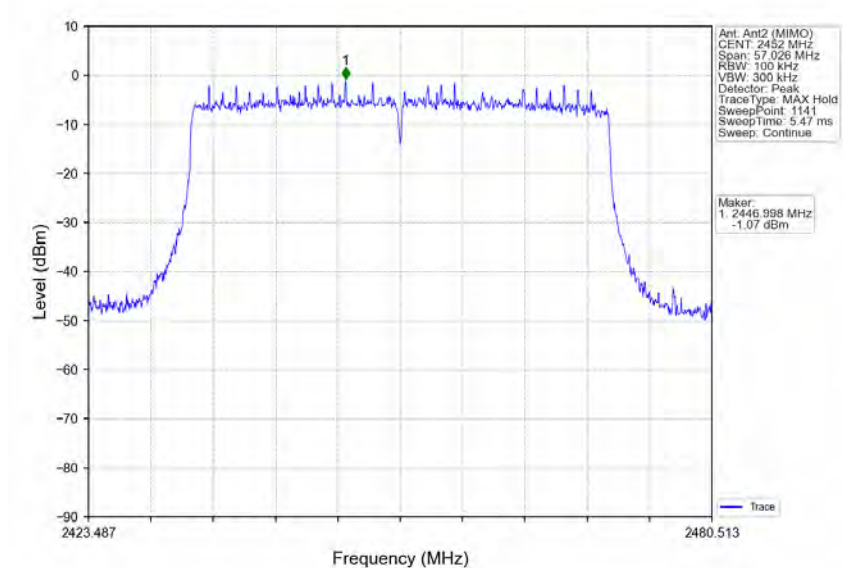
Report No.: KSCR240600099303

Page: 204 of 234

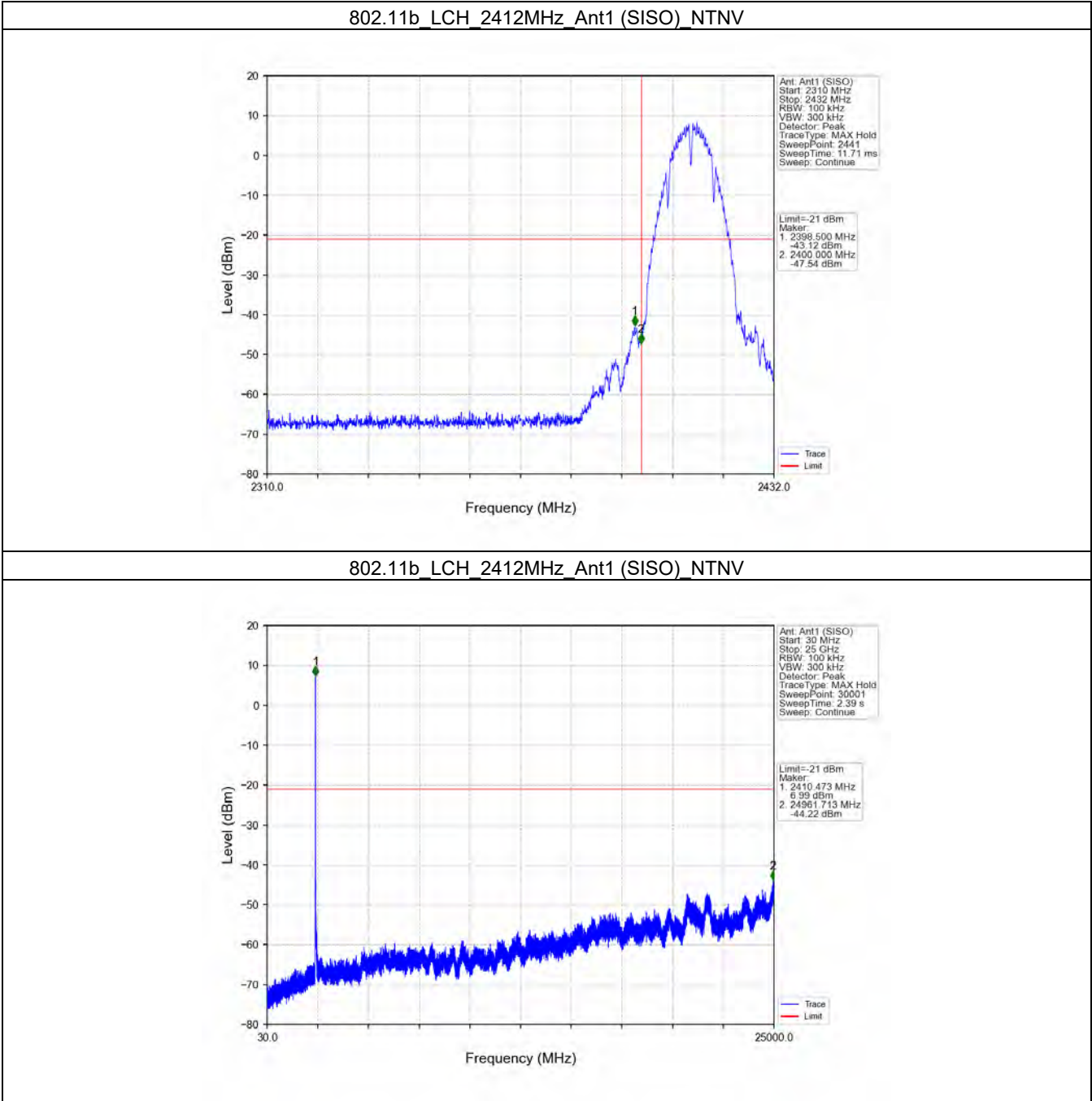
802.11ax(HEW40) HCH 2452MHz RU484 Left Ant1 (MIMO) NTNv



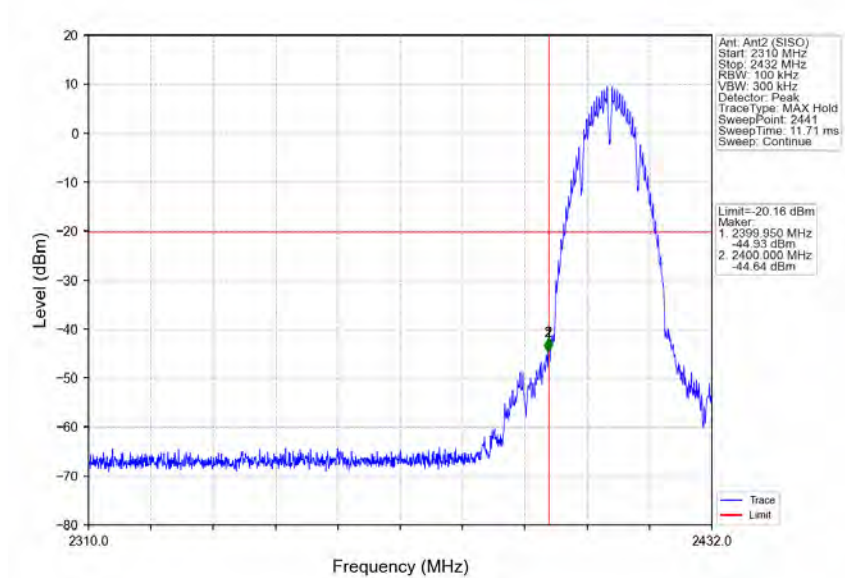
802.11ax(HEW40) HCH 2452MHz RU484 Left Ant2 (MIMO) NTNv



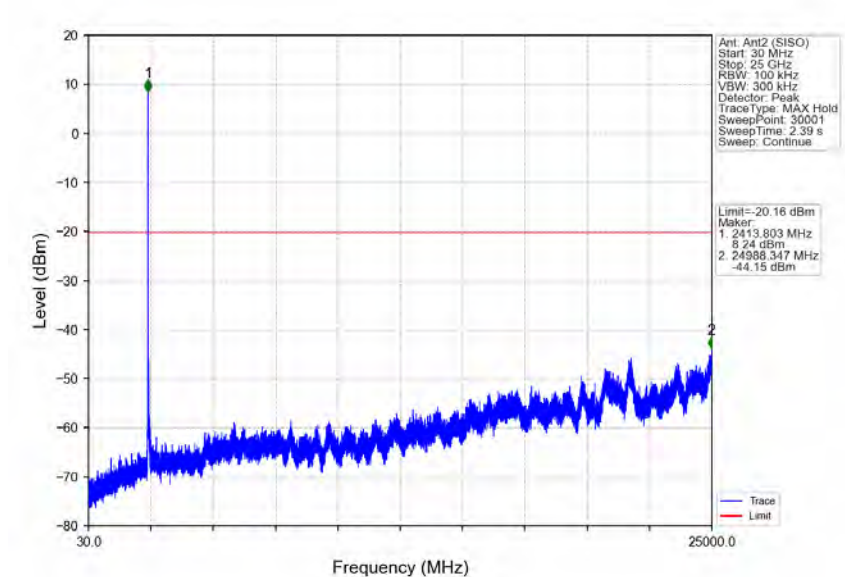
5.2.2 CSE



802.11b LCH 2412MHz Ant2 (SISO) NTNV



802.11b LCH 2412MHz Ant2 (SISO) NTNV



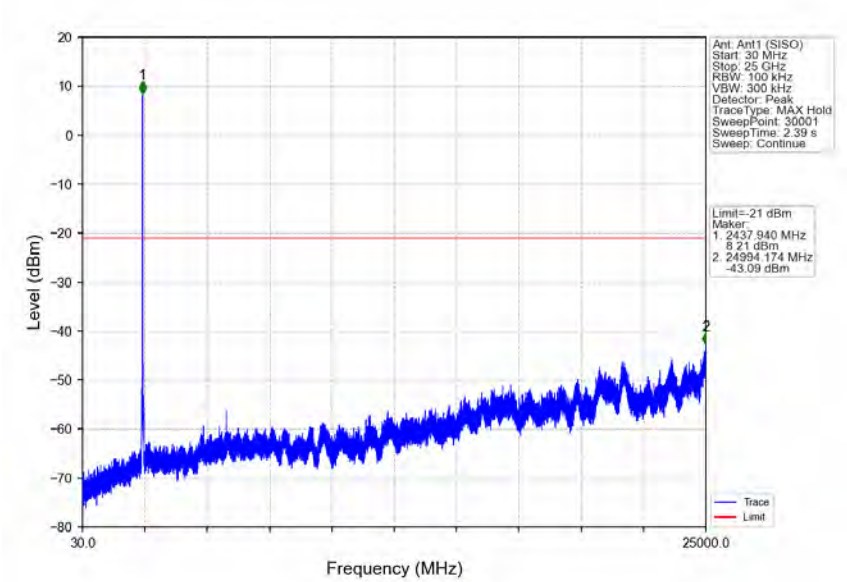
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

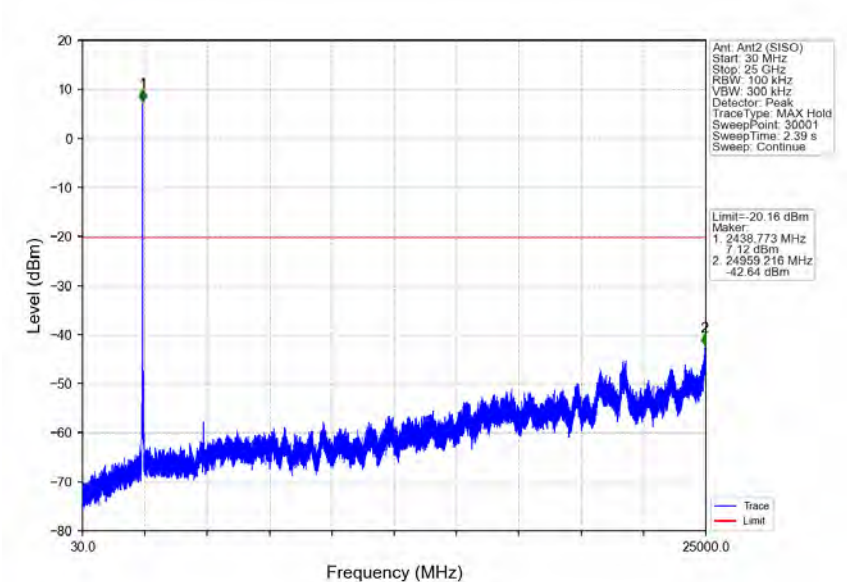
Report No.: KSCR240600099303

Page: 207 of 234

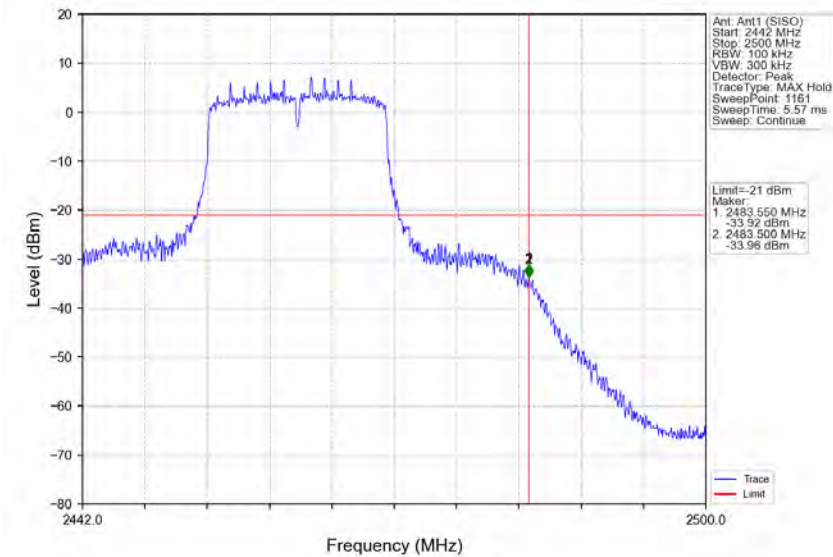
802.11b_MCH_2437MHz_Ant1 (SISO) NTN



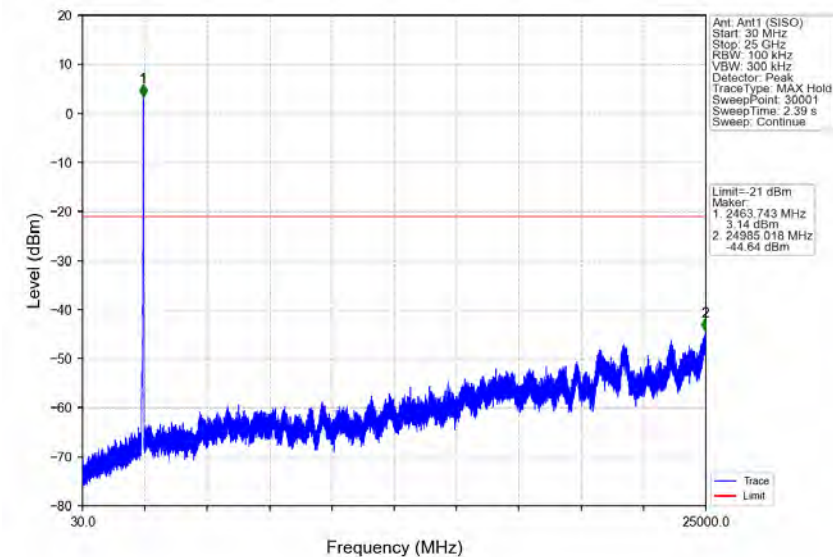
802.11b_MCH_2437MHz_Ant2 (SISO) NTN



802.11b HCH 2462MHz Ant1 (SISO) NTNV



802.11b HCH 2462MHz Ant1 (SISO) NTNV



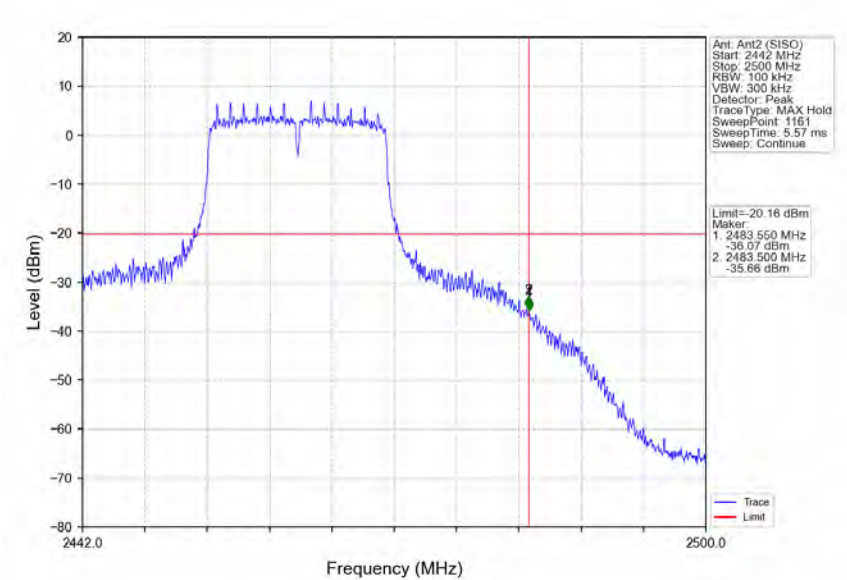
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

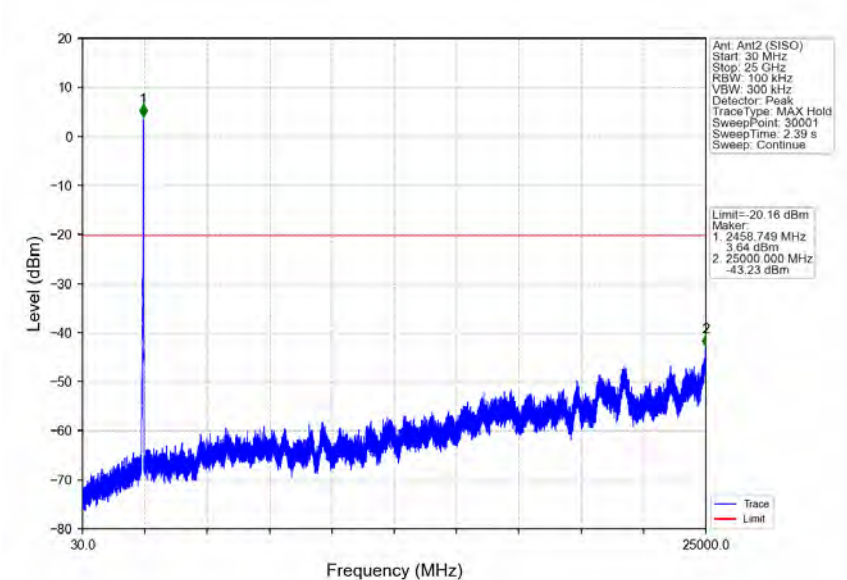
Report No.: KSCR240600099303

Page: 209 of 234

802.11b HCH 2462MHz Ant2 (SISO) NTNV



802.11b HCH 2462MHz Ant2 (SISO) NTNV



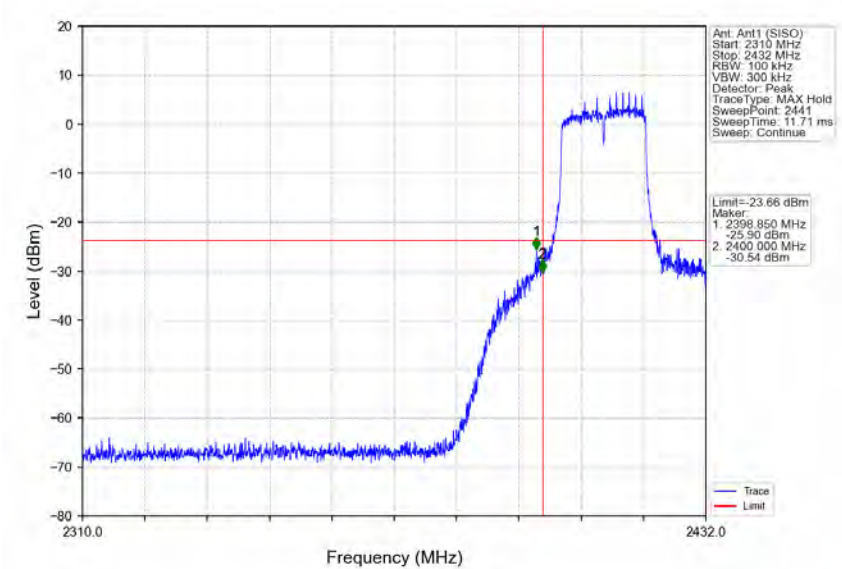
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

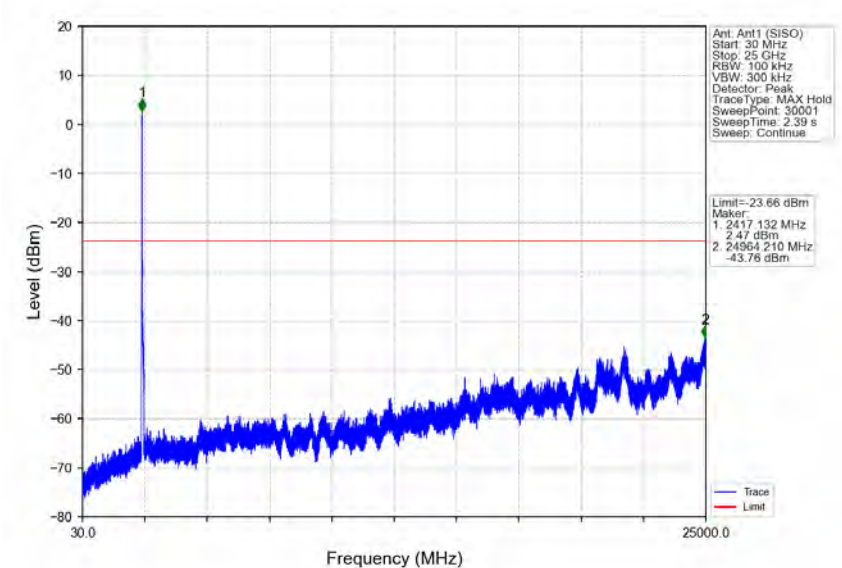
Report No.: KSCR240600099303

Page: 210 of 234

802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



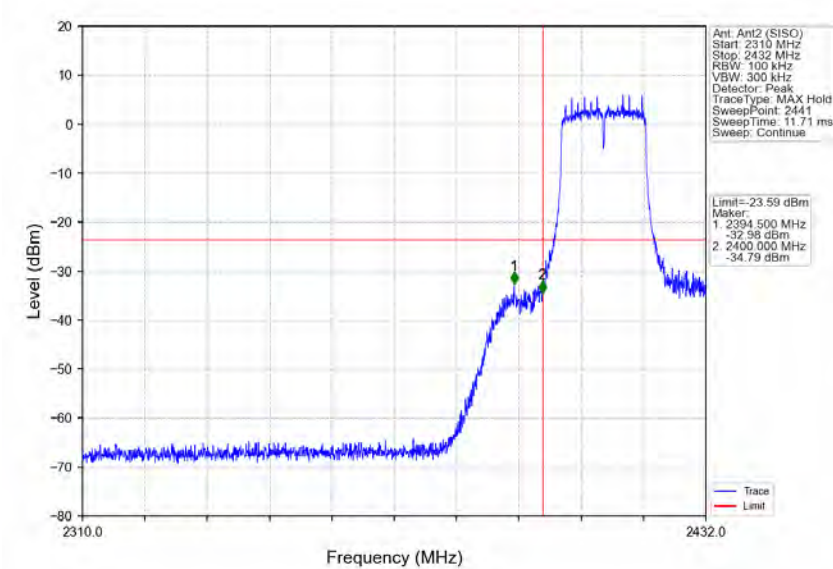
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

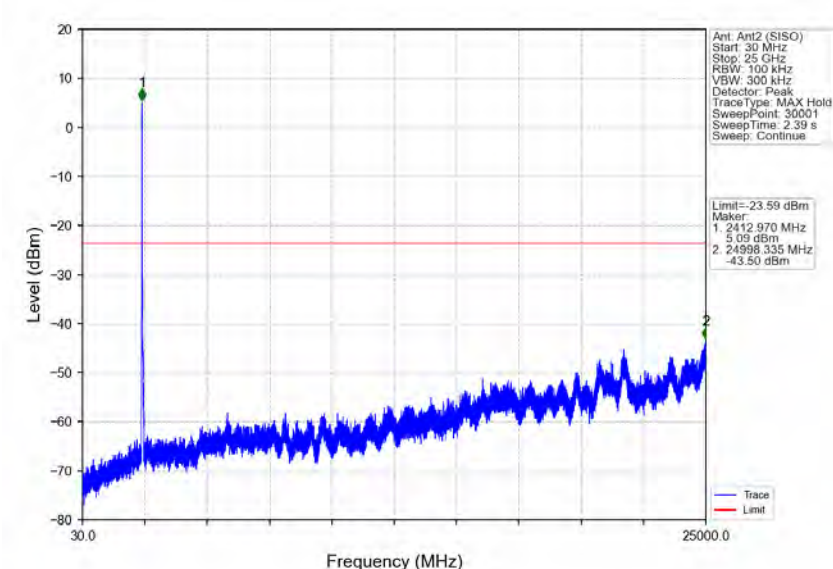
Report No.: KSCR240600099303

Page: 211 of 234

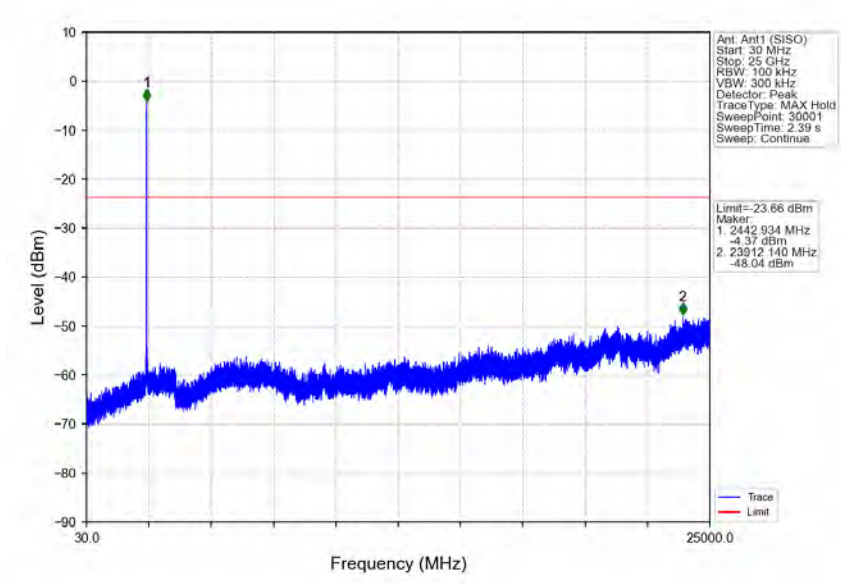
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



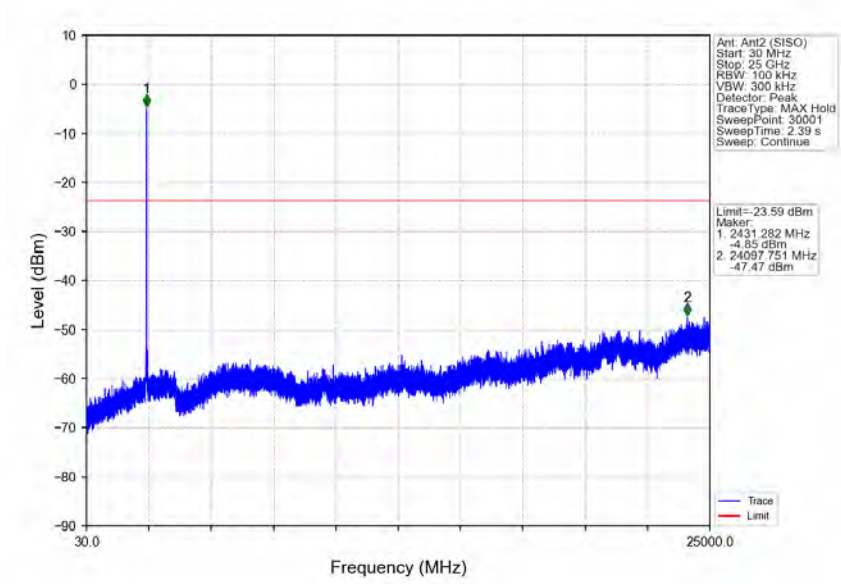
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



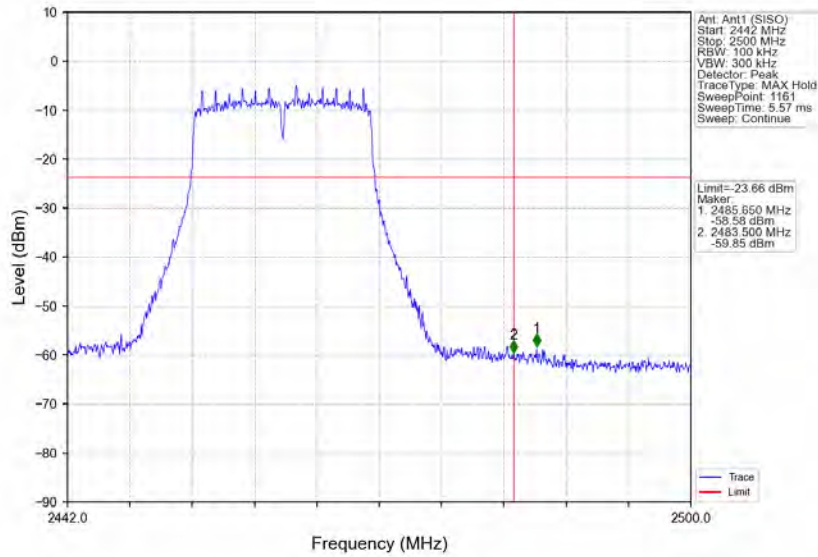
802.11g_MCH_2437MHz_Ant1 (SISO) NTN



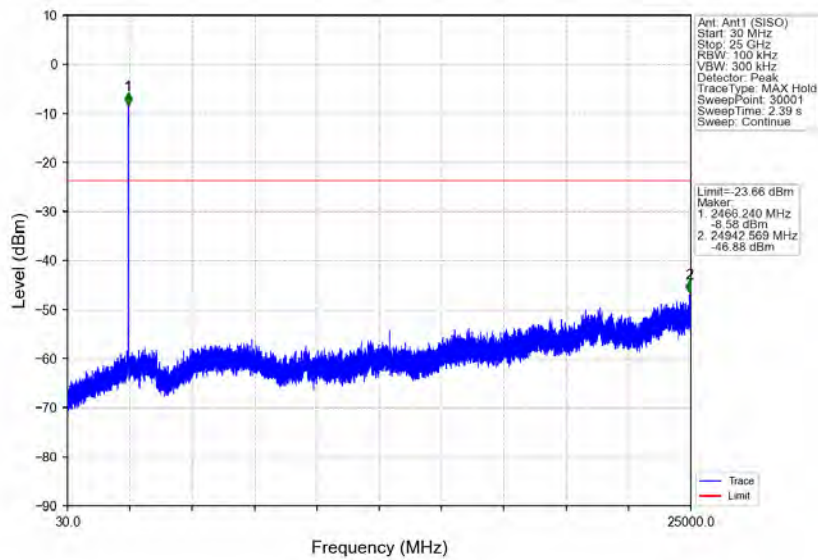
802.11g_MCH_2437MHz_Ant2 (SISO) NTN



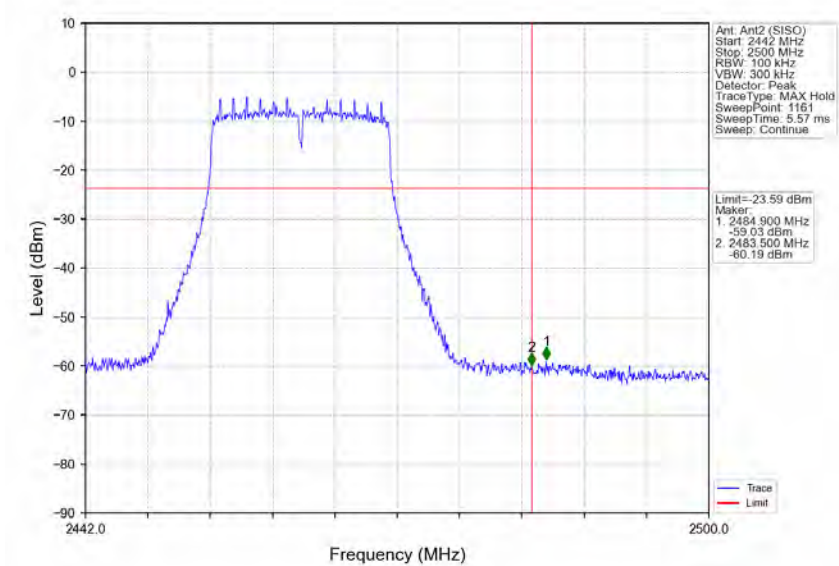
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



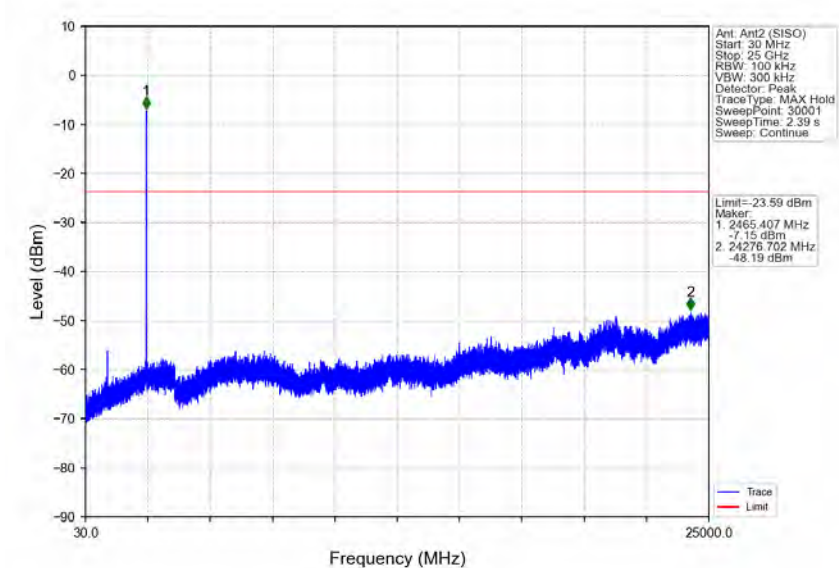
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



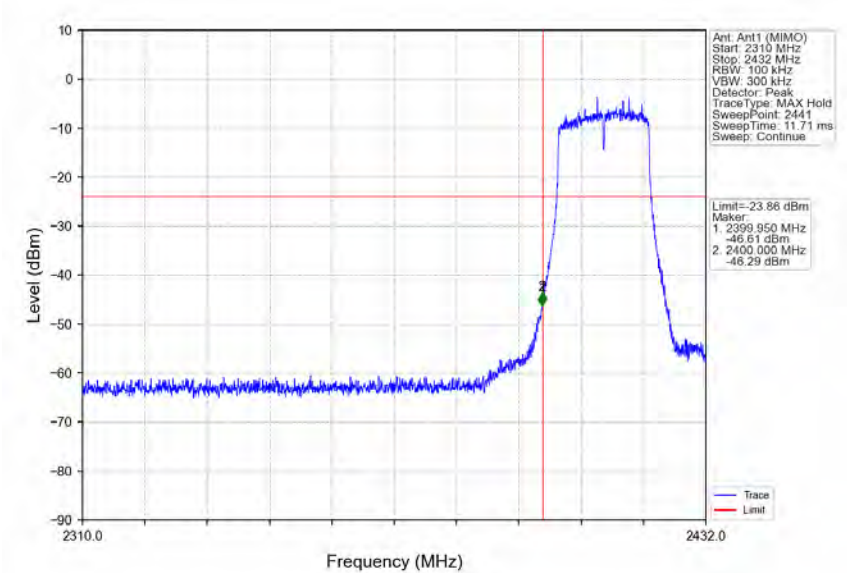
802.11g_HCH_2462MHz_Ant2 (SISO) NTN



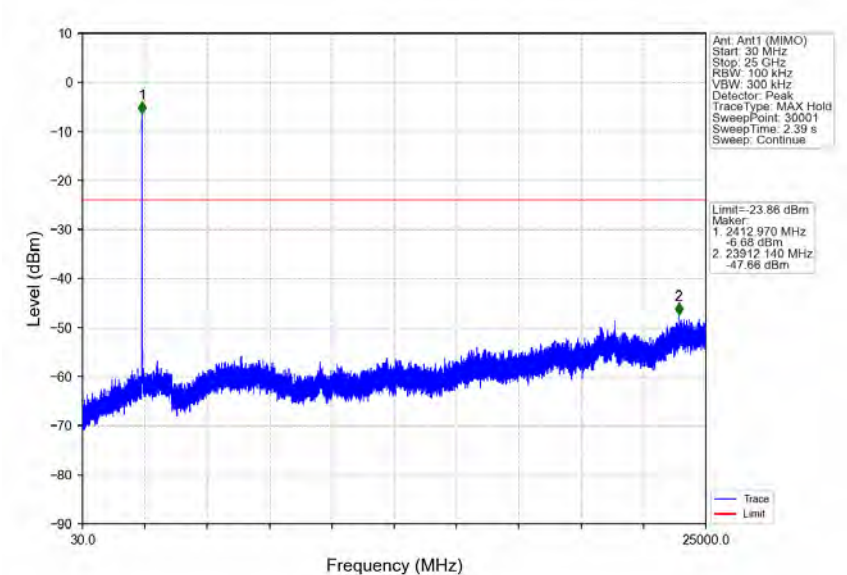
802.11g_HCH_2462MHz_Ant2 (SISO) NTN



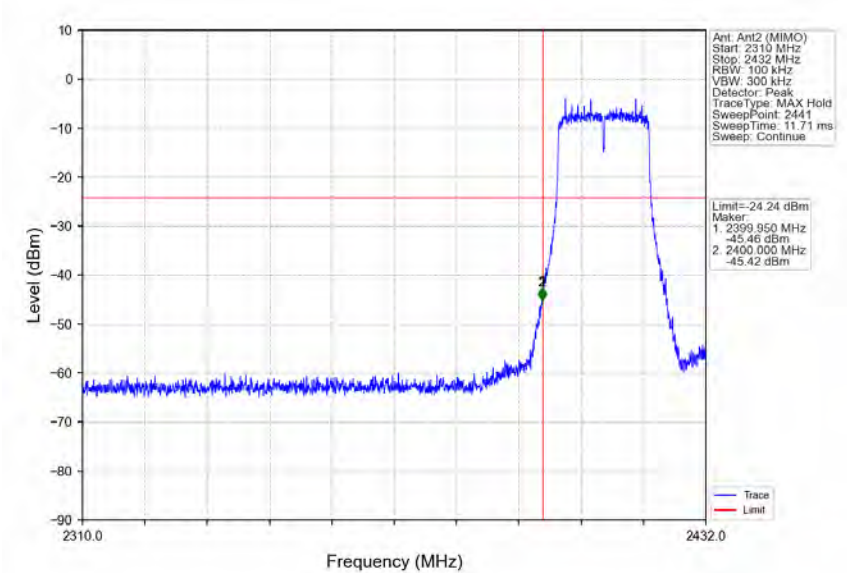
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



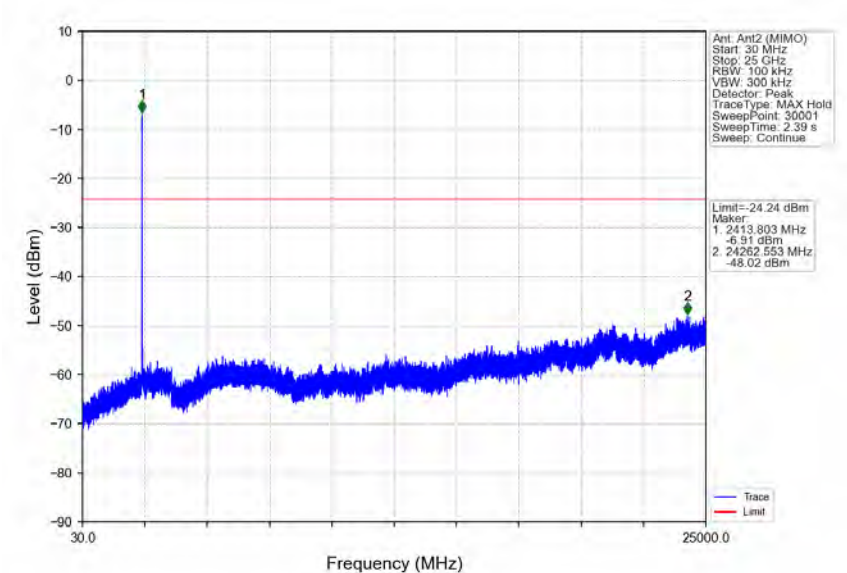
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



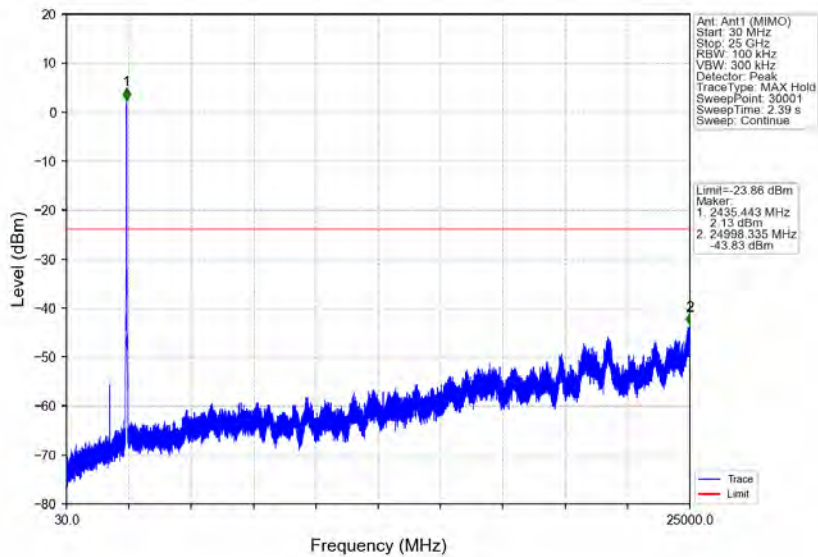
802.11n(HT20) LCH 2412MHz Ant2 (MIMO) NTVN



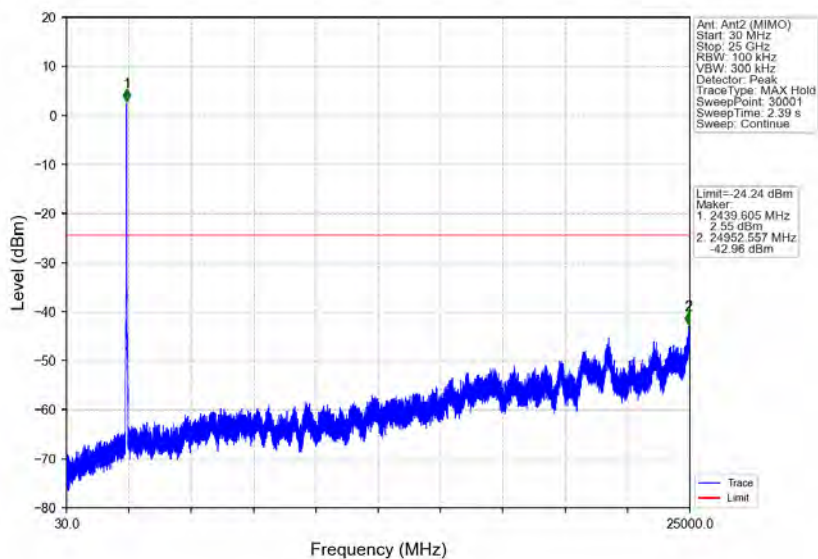
802.11n(HT20) LCH 2412MHz Ant2 (MIMO) NTVN



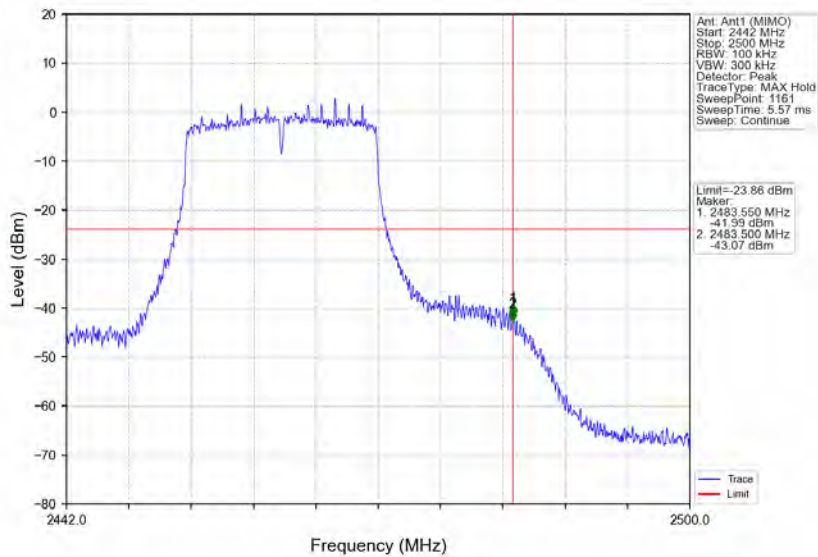
802.11n(HT20) MCH_2437MHz_Ant1 (MIMO) NTN



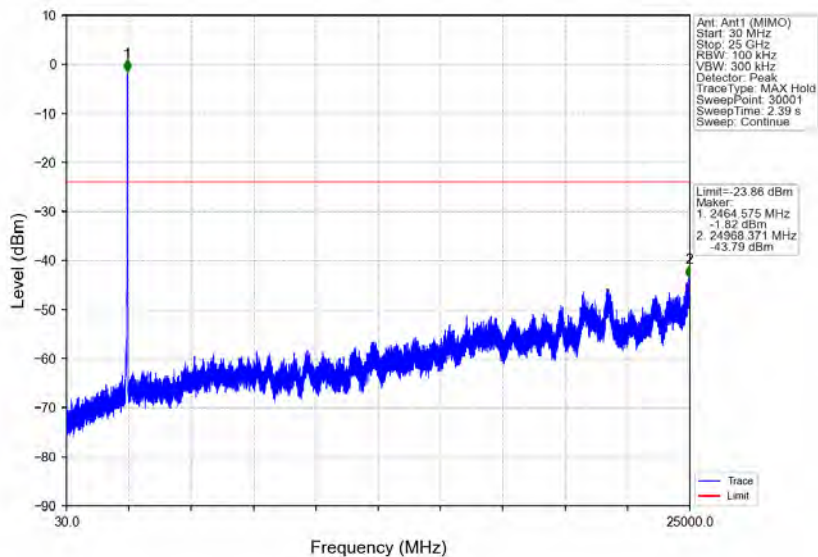
802.11n(HT20) MCH_2437MHz_Ant2 (MIMO) NTN



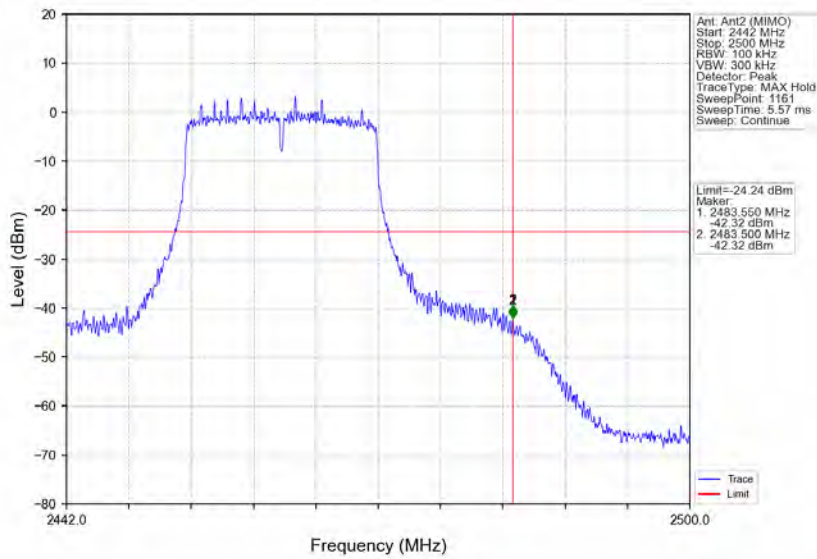
802.11n(HT20) HCH 2462MHz Ant1 (MIMO) NTNV



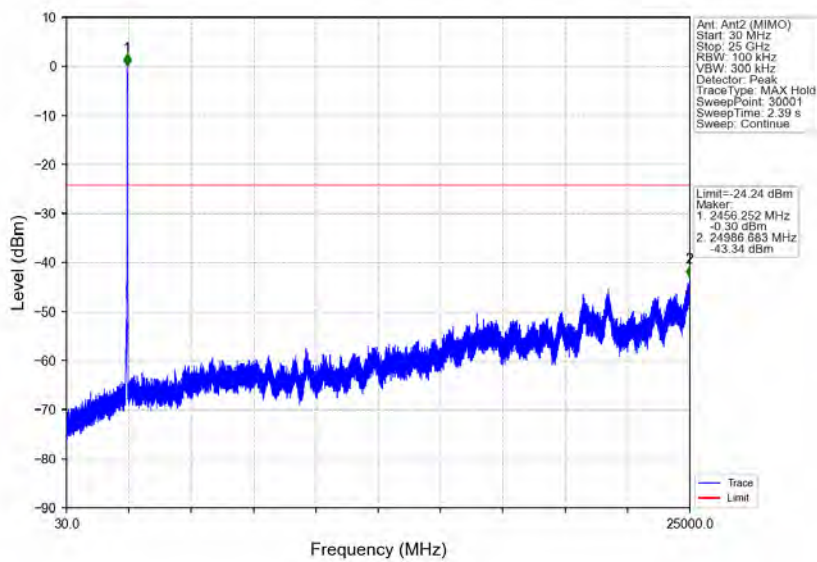
802.11n(HT20) HCH 2462MHz Ant1 (MIMO) NTNV



802.11n(HT20) HCH 2462MHz Ant2 (MIMO) NTN



802.11n(HT20) HCH 2462MHz Ant2 (MIMO) NTN



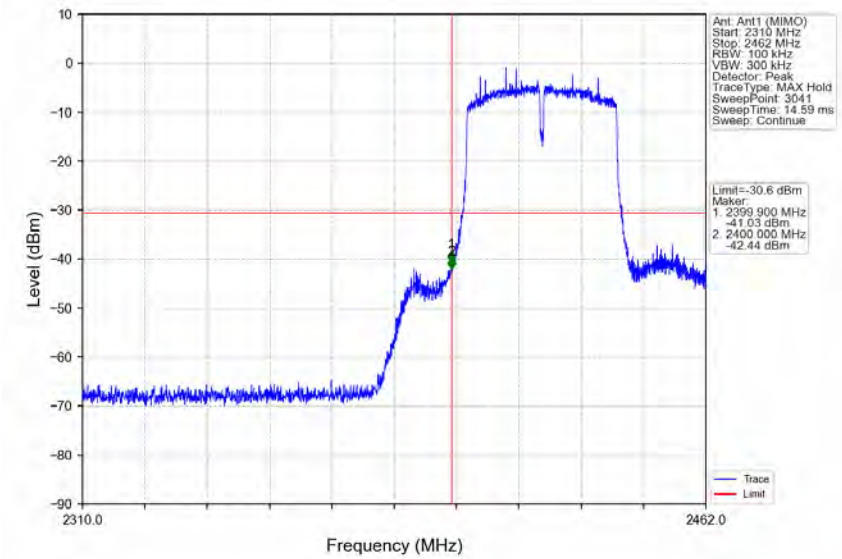
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

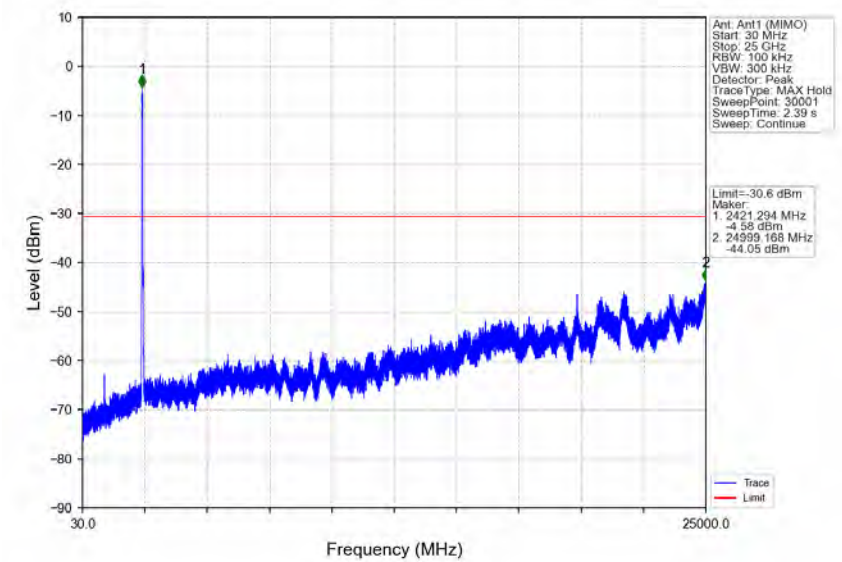
Report No.: KSCR240600099303

Page: 220 of 234

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



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



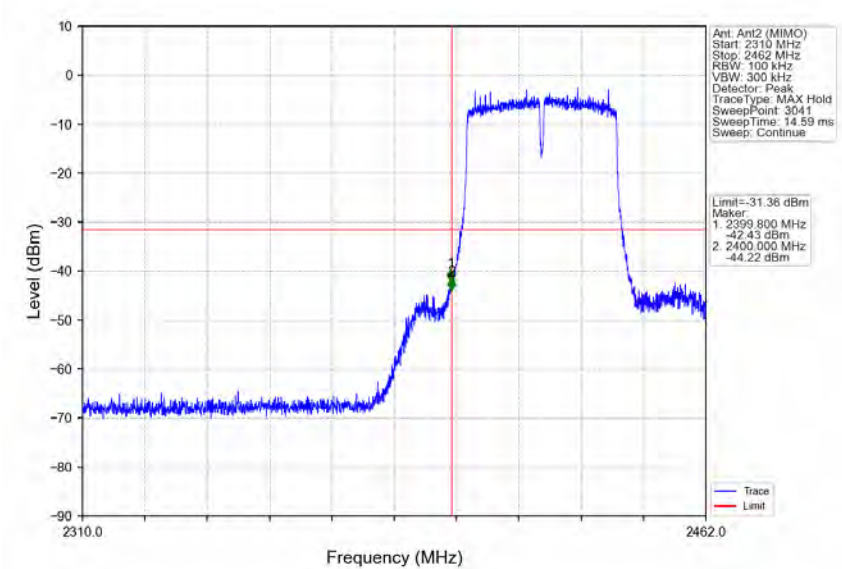
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

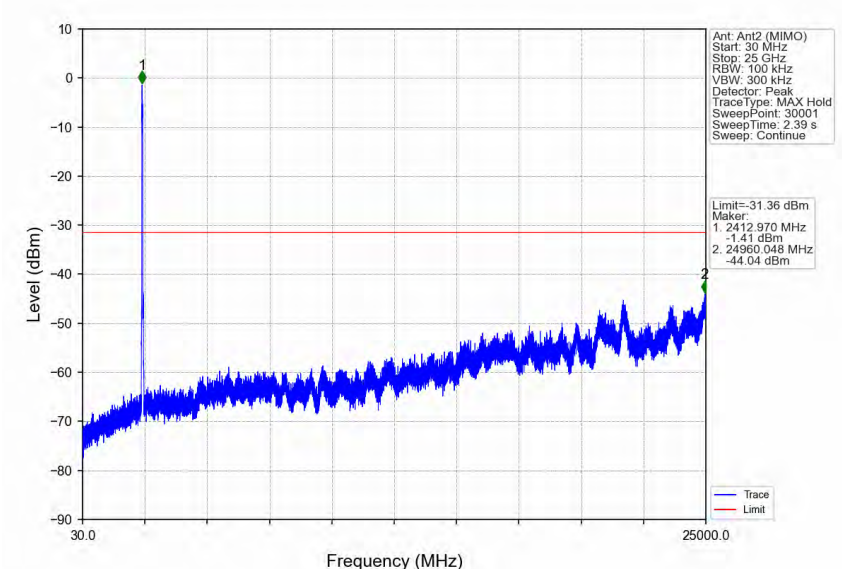
Report No.: KSCR240600099303

Page: 221 of 234

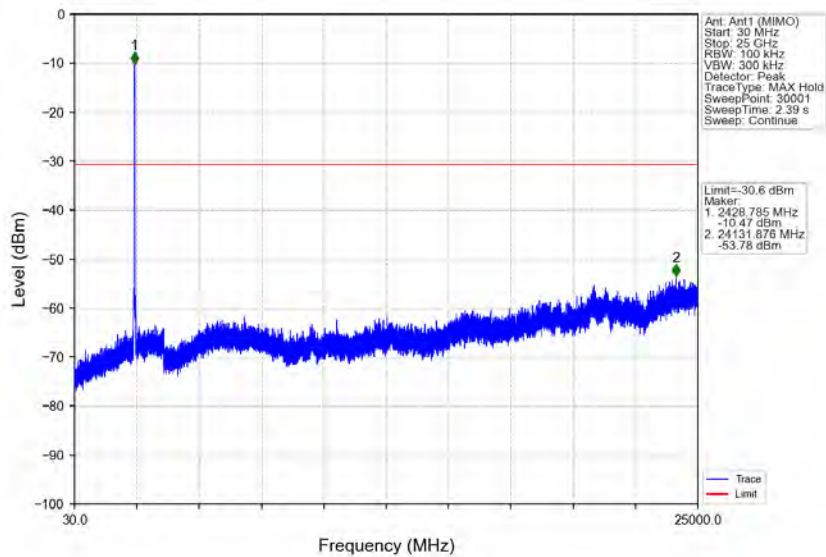
802.11n(HT40) LCH 2422MHz Ant2 (MIMO) NTN



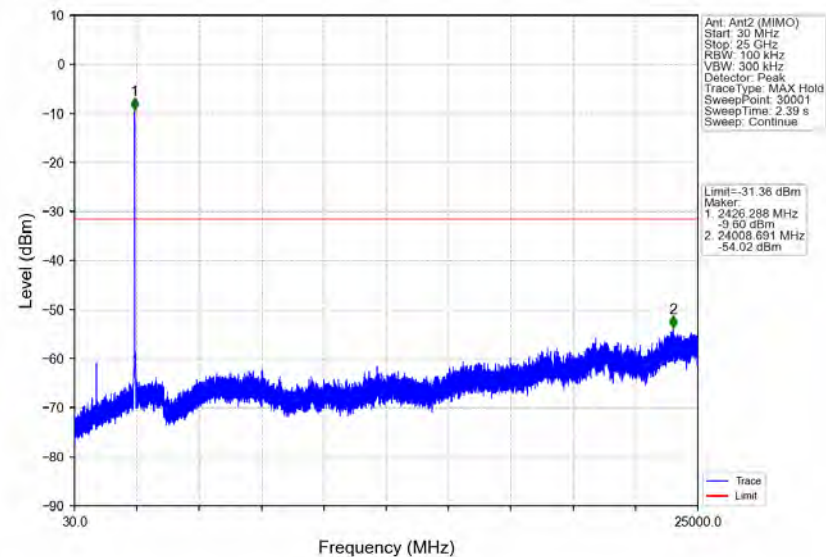
802.11n(HT40) LCH 2422MHz Ant2 (MIMO) NTN



802.11n(HT40) MCH_2437MHz_Ant1 (MIMO) NTN



802.11n(HT40) MCH_2437MHz_Ant2 (MIMO) NTN



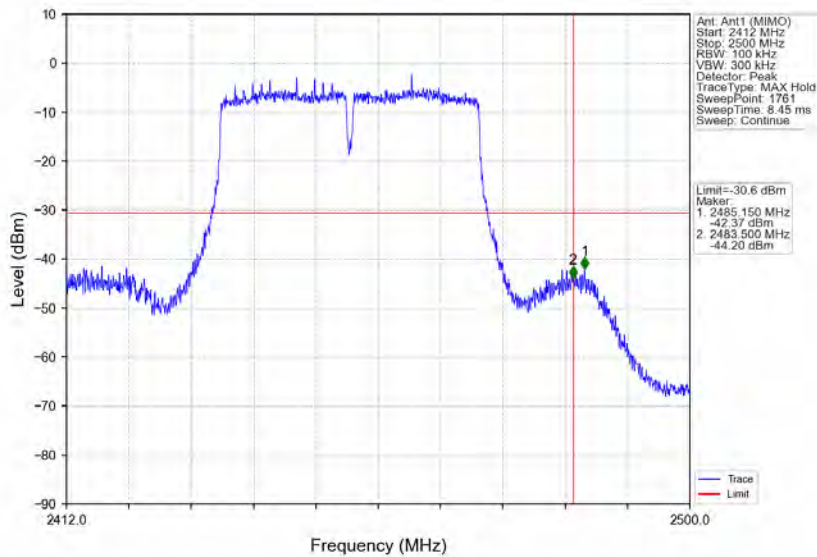
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

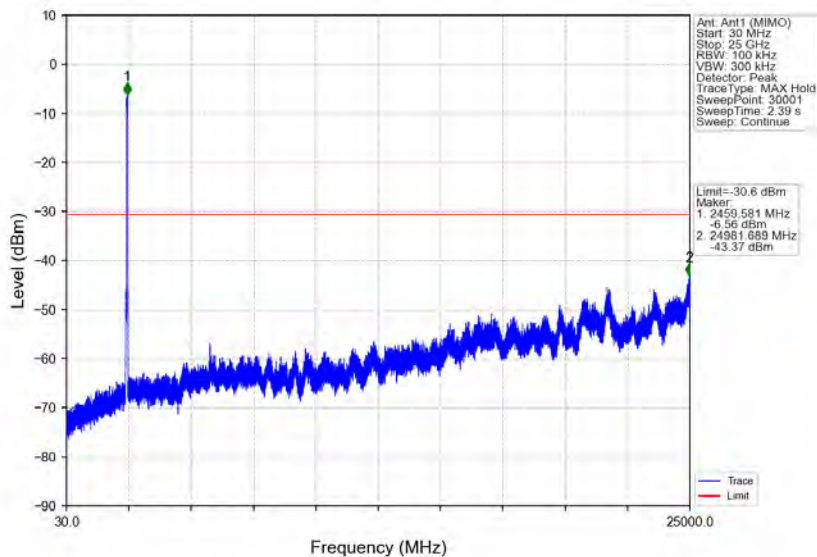
Report No.: KSCR240600099303

Page: 223 of 234

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



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



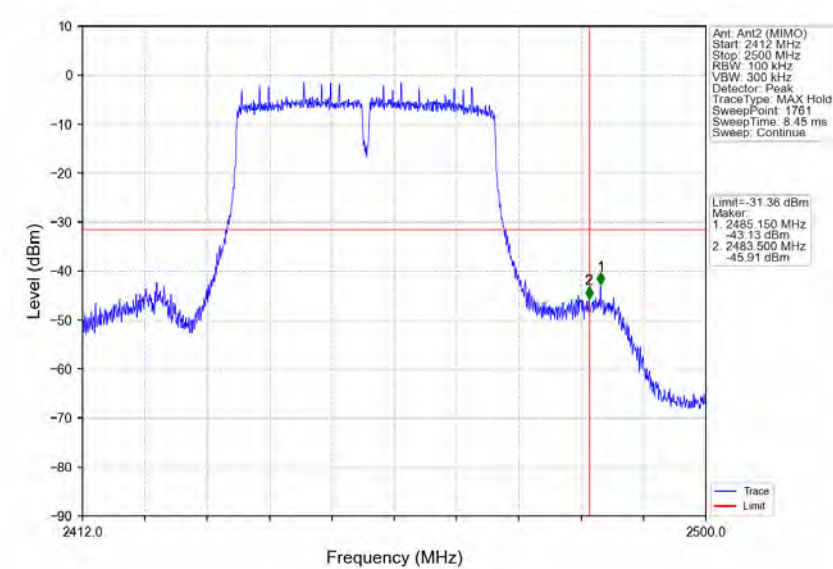
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

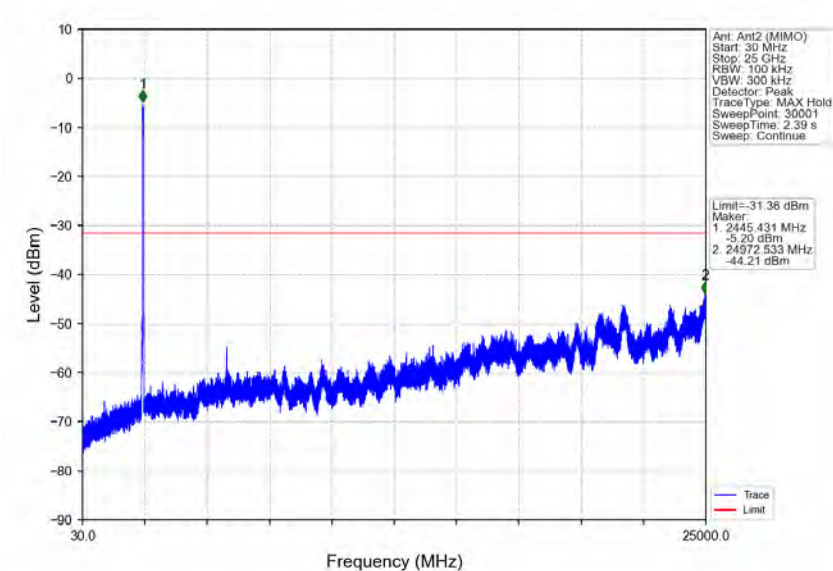
Report No.: KSCR240600099303

Page: 224 of 234

802.11n(HT40) HCH 2452MHz Ant2 (MIMO) NTN



802.11n(HT40) HCH 2452MHz Ant2 (MIMO) NTN



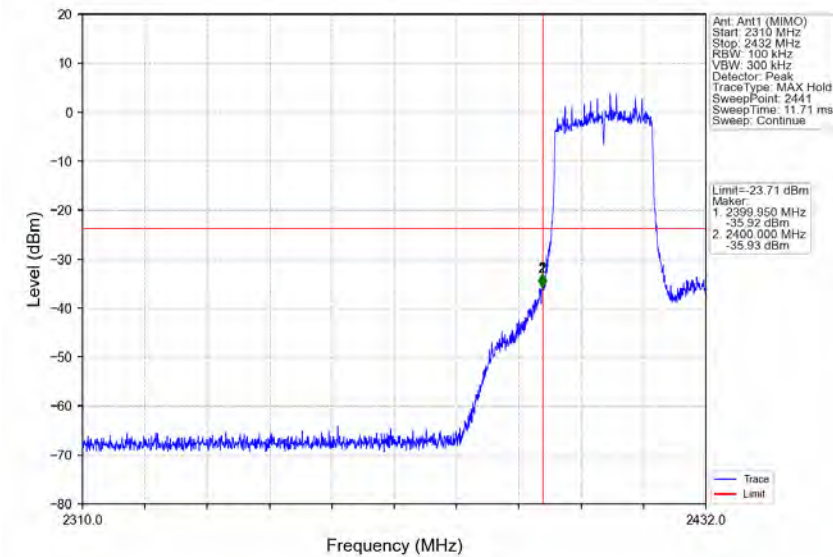
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

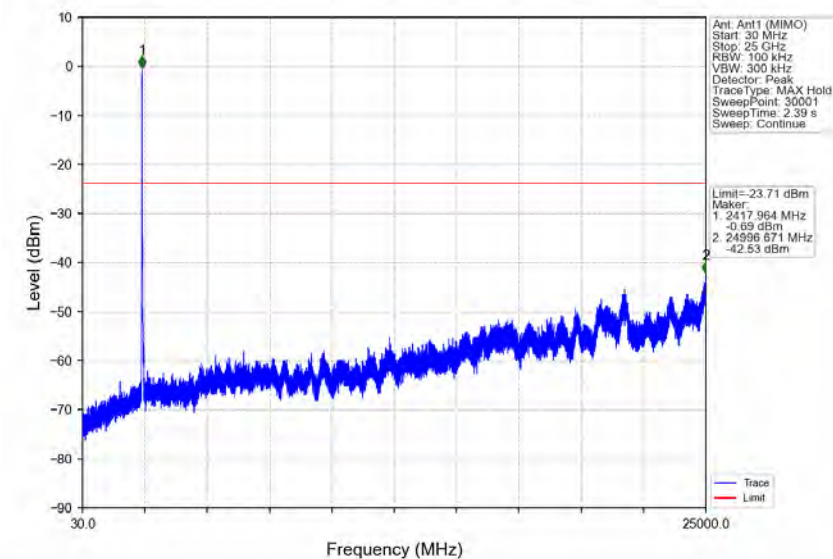
Report No.: KSCR240600099303

Page: 225 of 234

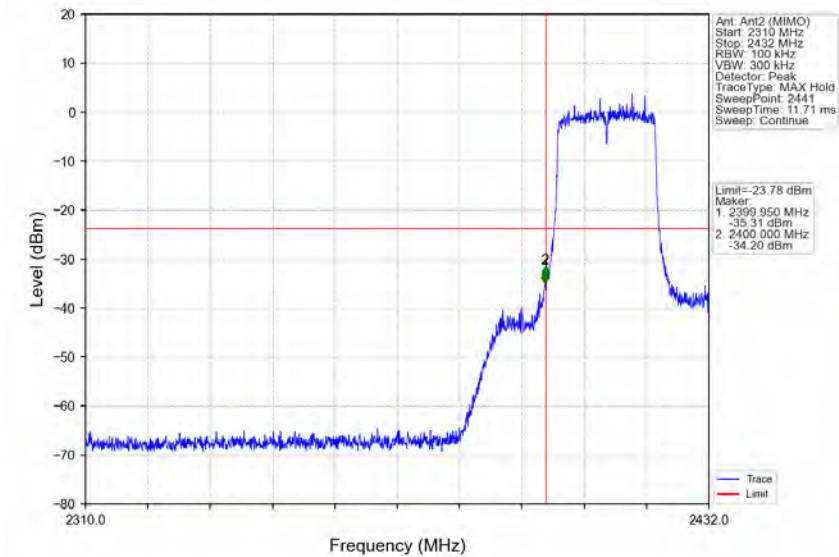
802.11ax(HEW20) LCH 2412MHz RU242 Left Ant1 (MIMO) NTNv



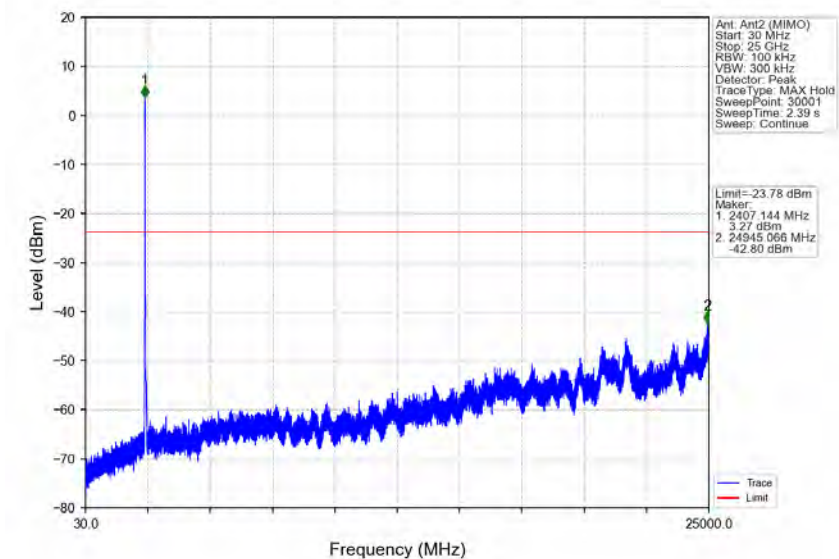
802.11ax(HEW20) LCH 2412MHz RU242 Left Ant1 (MIMO) NTNv



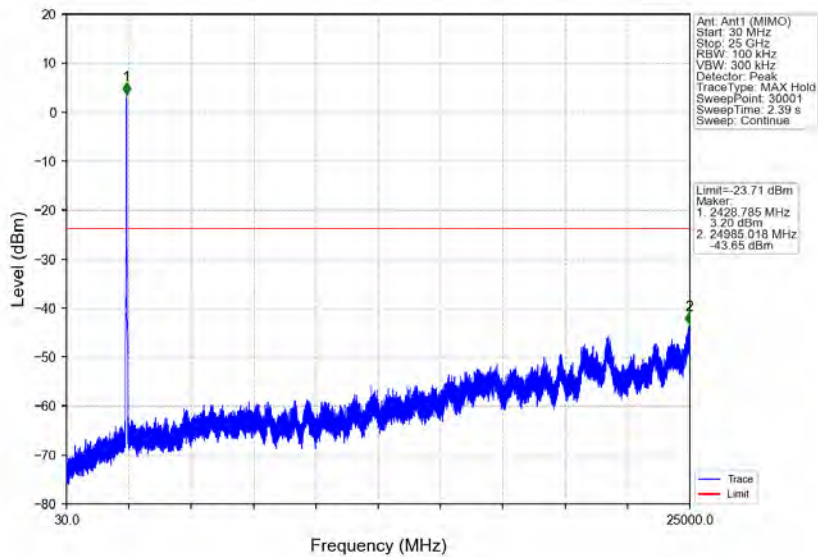
802.11ax(HEW20) LCH 2412MHz RU242 Left Ant2 (MIMO) NTNv



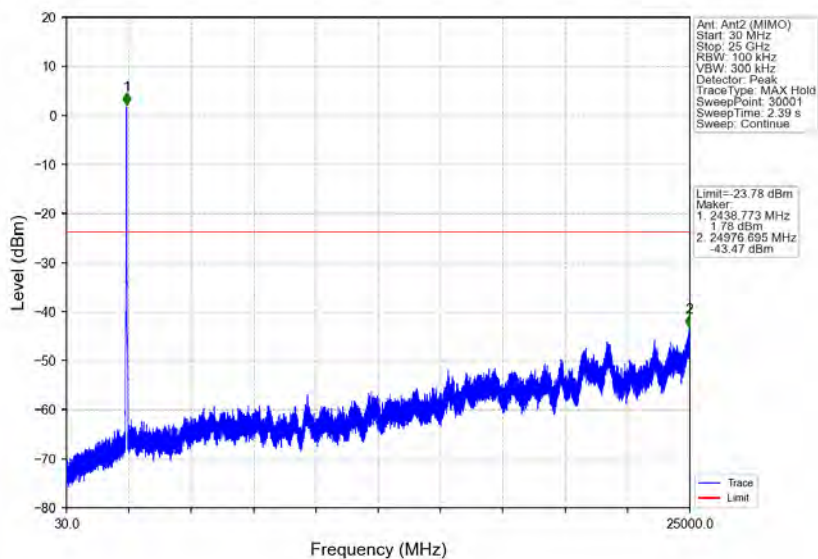
802.11ax(HEW20) LCH 2412MHz RU242 Left Ant2 (MIMO) NTNv



802.11ax(HEW20) MCH 2437MHz RU242 Left Ant1 (MIMO) NTN



802.11ax(HEW20) MCH 2437MHz RU242 Left Ant2 (MIMO) NTN



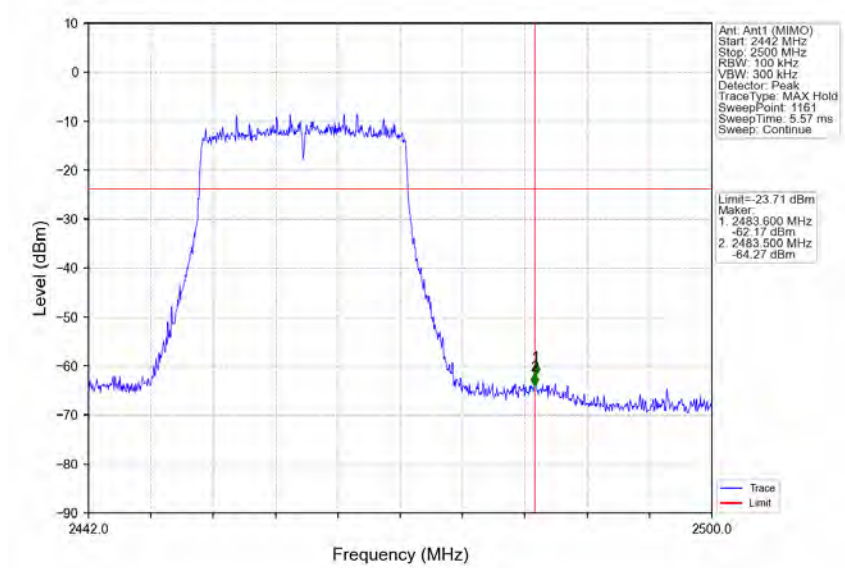
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

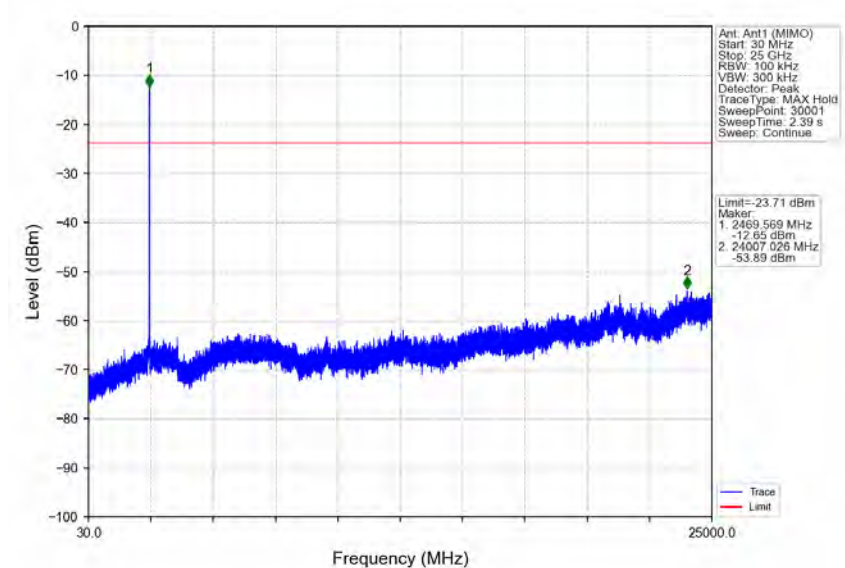
Report No.: KSCR240600099303

Page: 228 of 234

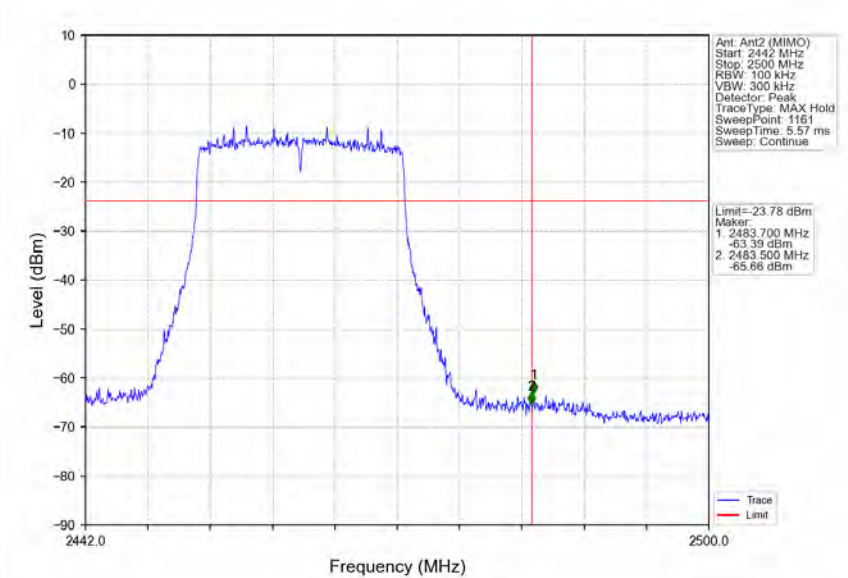
802.11ax(HEW20) HCH 2462MHz RU242 Left Ant1 (MIMO) NTNV



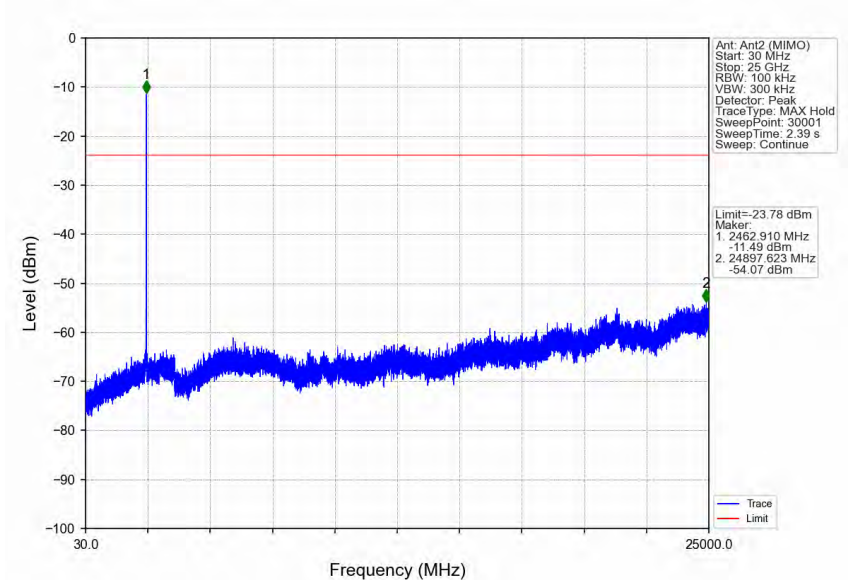
802.11ax(HEW20) HCH 2462MHz RU242 Left Ant1 (MIMO) NTNV



802.11ax(HEW20) HCH 2462MHz RU242 Left Ant2 (MIMO) NTNv



802.11ax(HEW20) HCH 2462MHz RU242 Left Ant2 (MIMO) NTNv



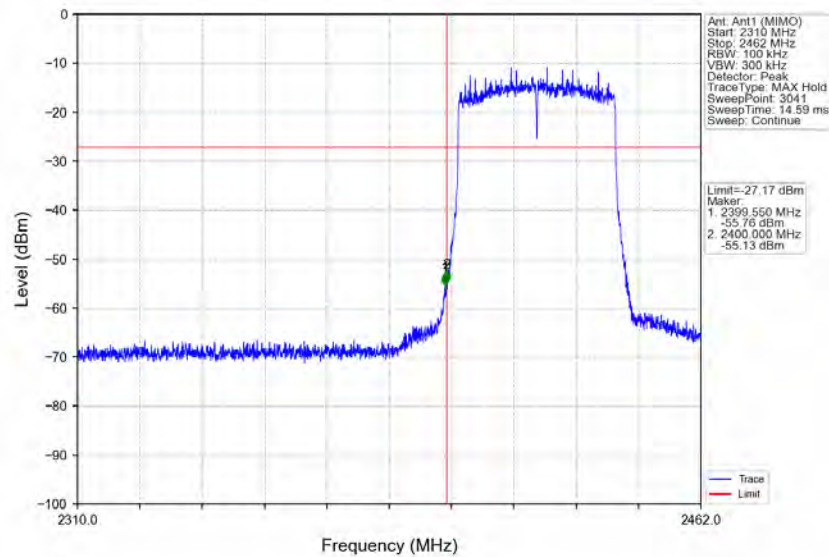
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

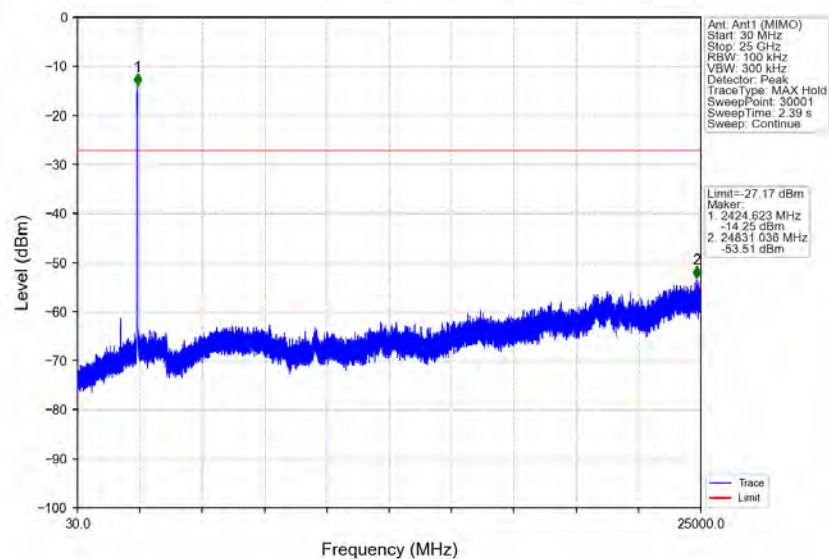
Report No.: KSCR240600099303

Page: 230 of 234

802.11ax(HEW40) LCH 2422MHz RU484 Left Ant1 (MIMO) NTNV



802.11ax(HEW40) LCH 2422MHz RU484 Left Ant1 (MIMO) NTNV



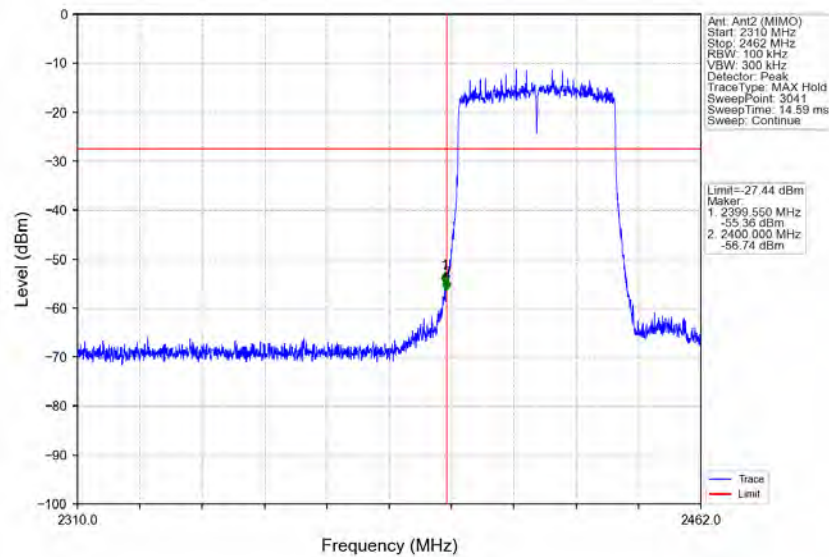
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

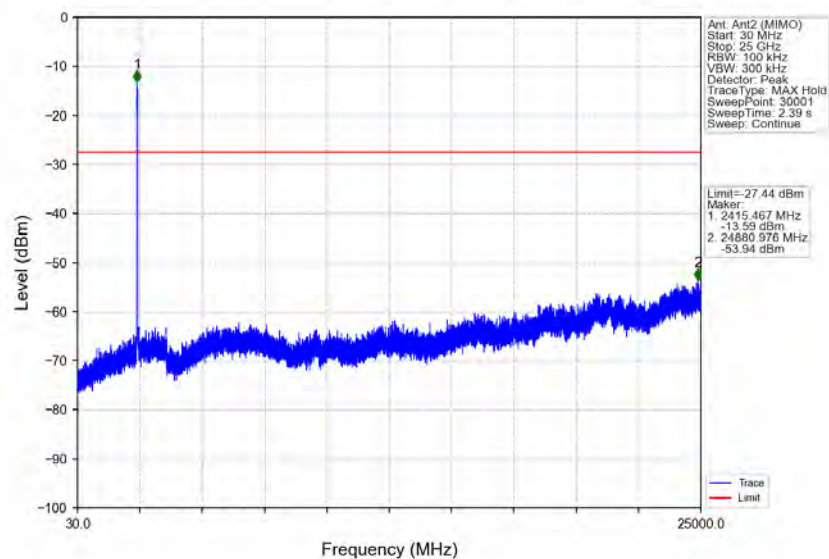
Report No.: KSCR240600099303

Page: 231 of 234

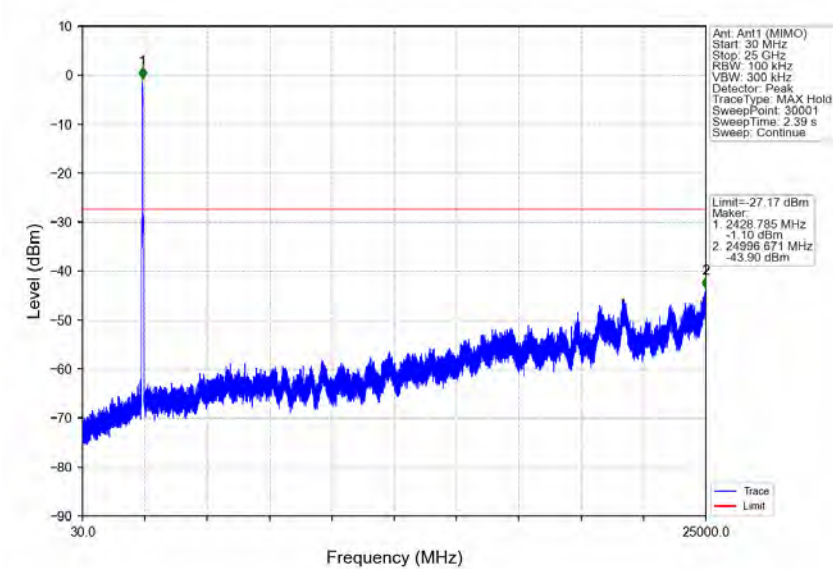
802.11ax(HEW40) LCH 2422MHz RU484 Left Ant2 (MIMO) NTNV



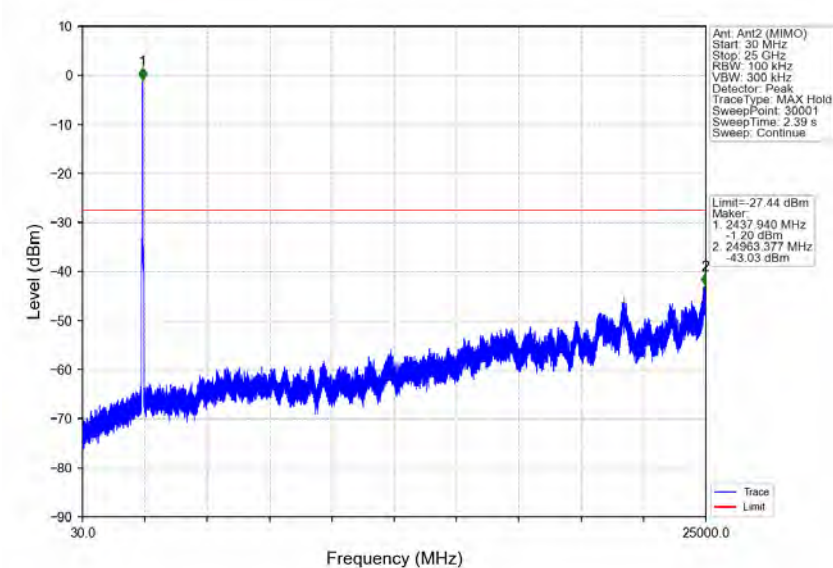
802.11ax(HEW40) LCH 2422MHz RU484 Left Ant2 (MIMO) NTNV



802.11ax(HEW40) MCH 2437MHz RU484 Left Ant1 (MIMO) NTN



802.11ax(HEW40) MCH 2437MHz RU484 Left Ant2 (MIMO) NTN



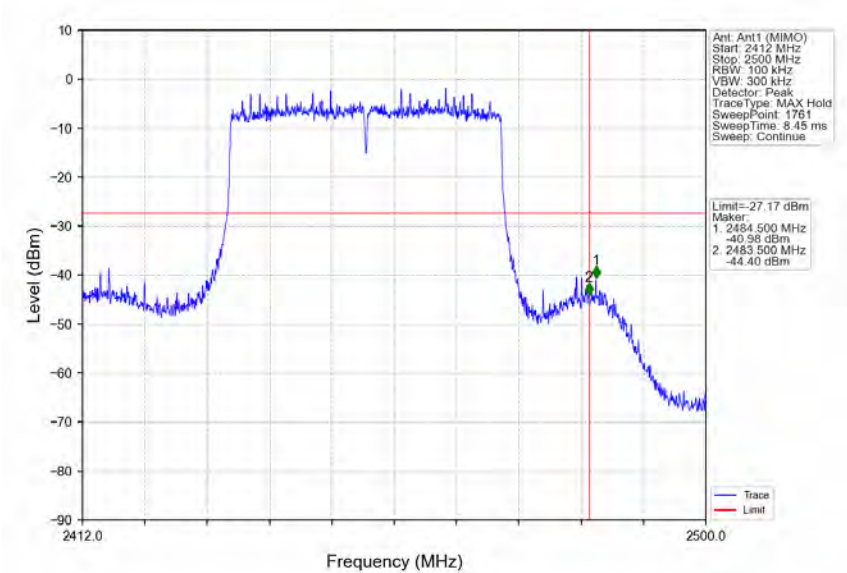
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

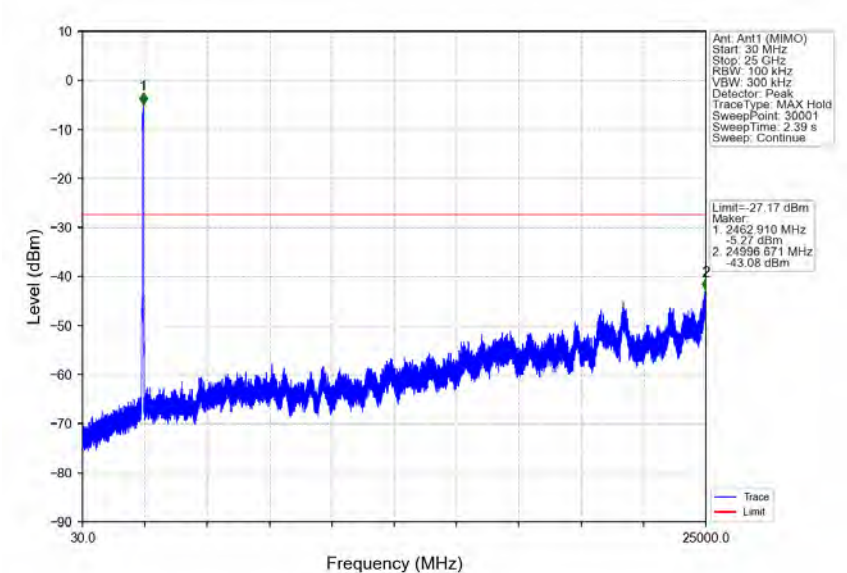
Report No.: KSCR240600099303

Page: 233 of 234

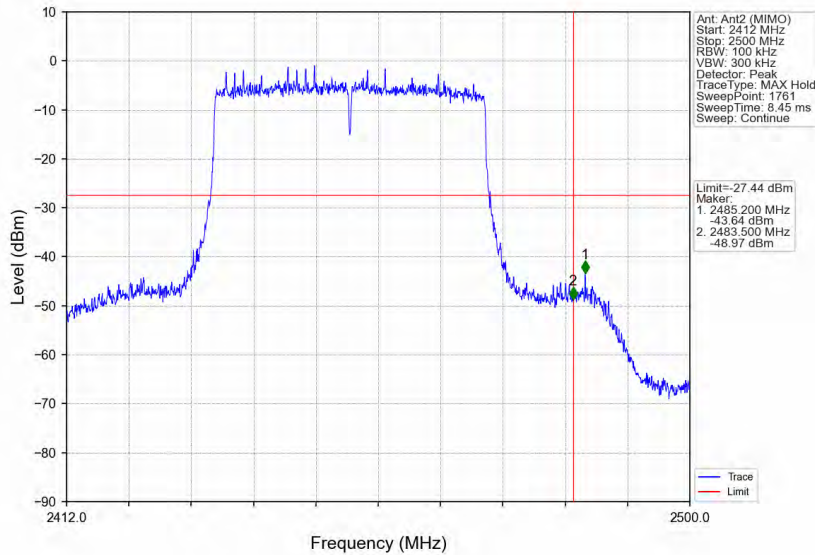
802.11ax(HEW40) HCH 2452MHz RU484 Left Ant1 (MIMO) NTNV



802.11ax(HEW40) HCH 2452MHz RU484 Left Ant1 (MIMO) NTNV



802.11ax(HEW40) HCH 2452MHz RU484 Left Ant2 (MIMO) NTNv



802.11ax(HEW40) HCH 2452MHz RU484 Left Ant2 (MIMO) NTNv

