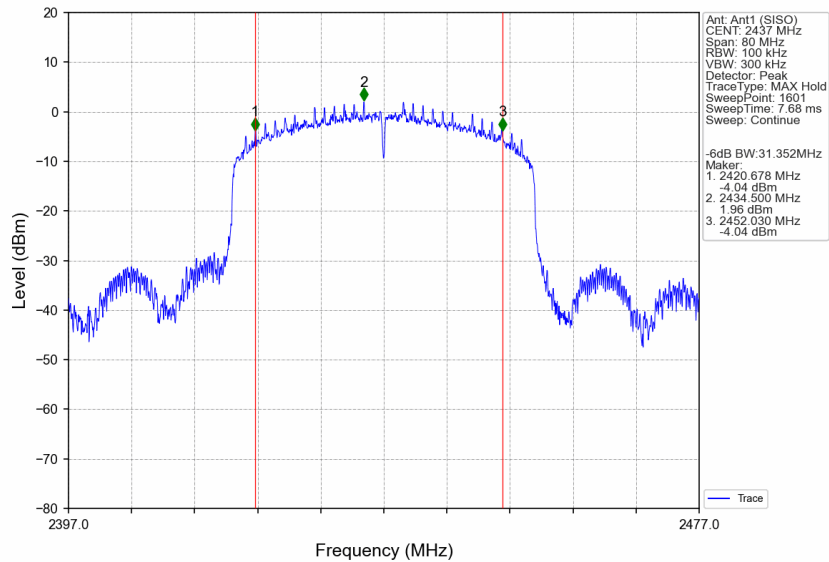
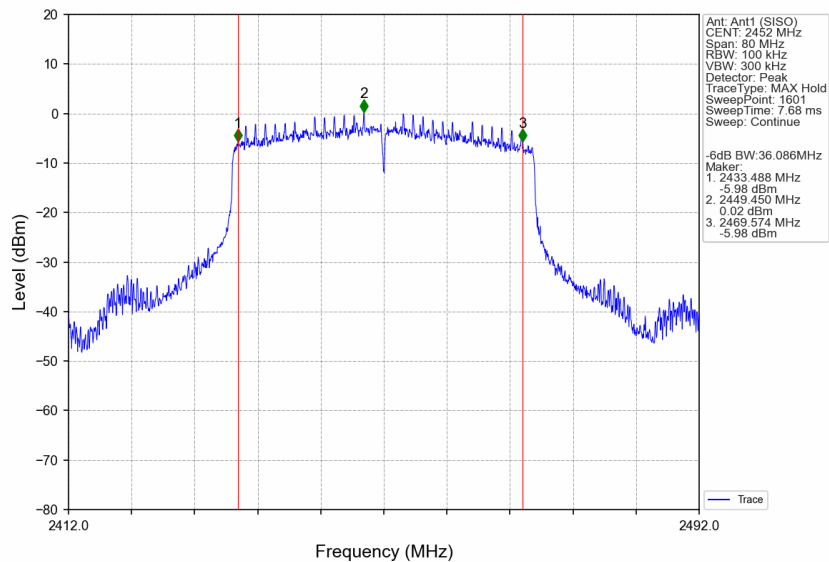


802.11ax(HEW40) MCH 2437MHz RU484 Left Ant1 (SISO) NTNv



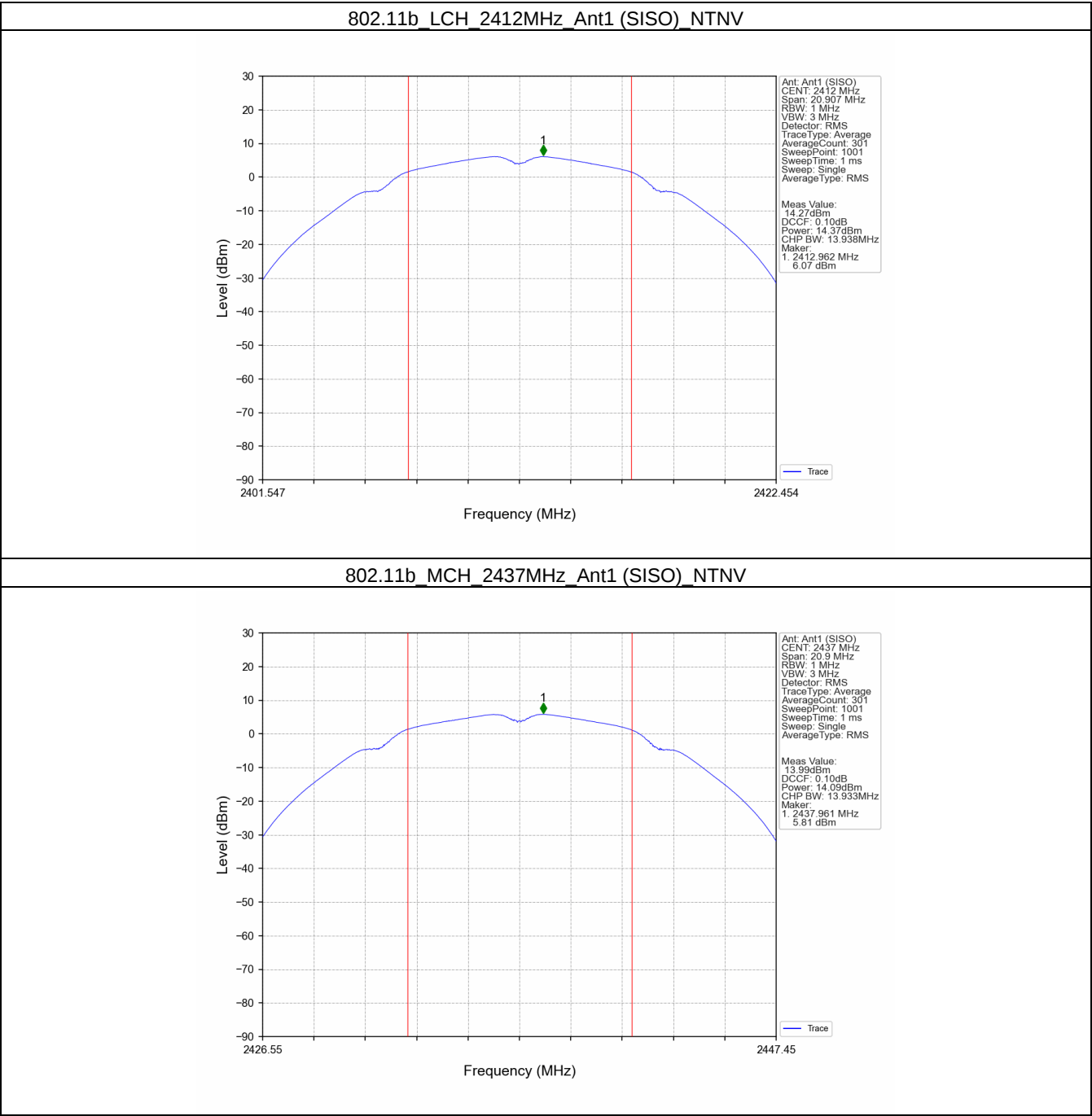
802.11ax(HEW40) HCH 2452MHz RU484 Left Ant1 (SISO) NTNv



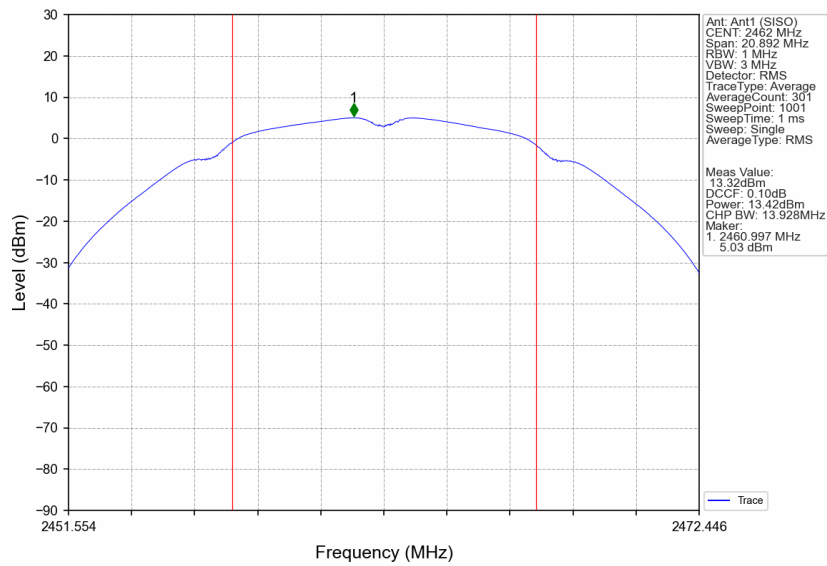
Note1: Antenna Gain: Ant1: 3.94dBi;

3.2 Test Graph

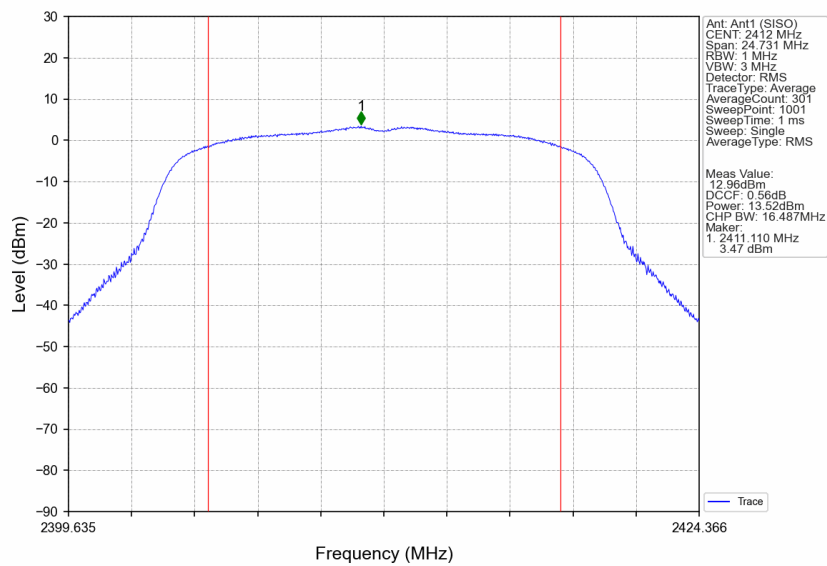
3.2.1 Power



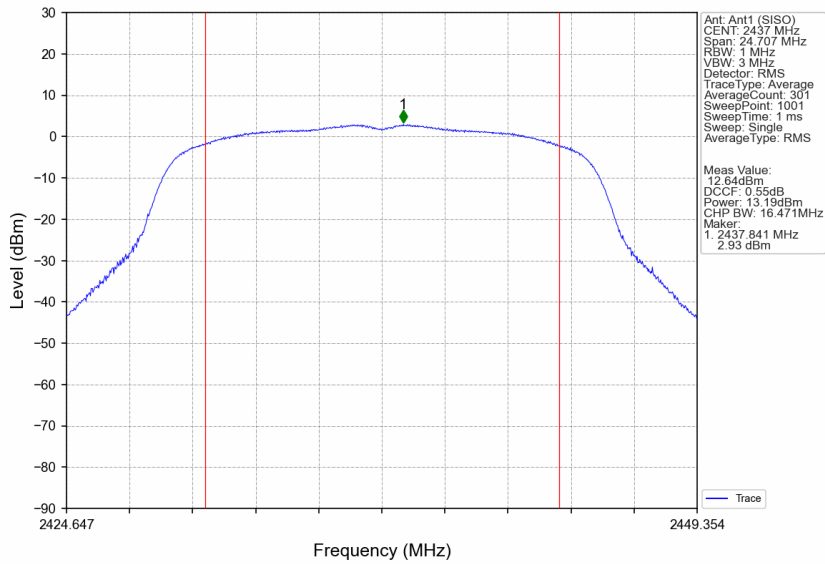
802.11b HCH 2462MHz Ant1 (SISO) NTN



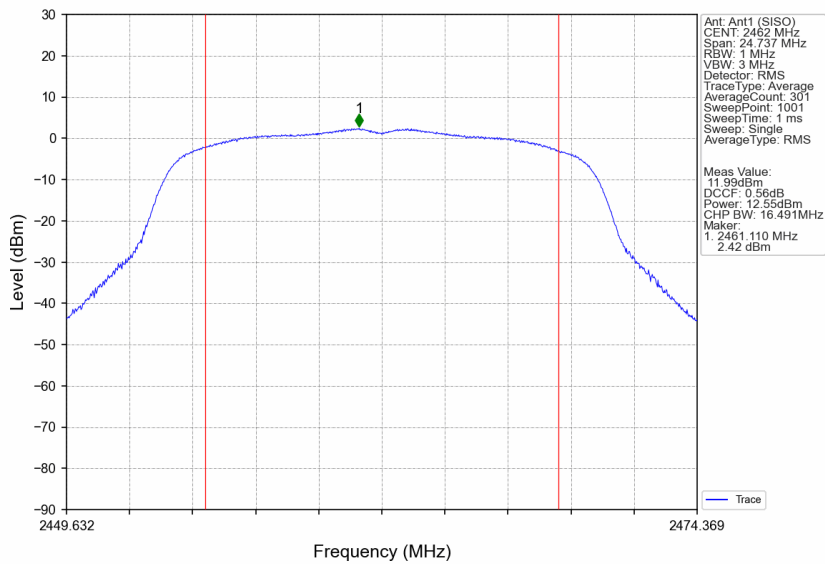
802.11g LCH 2412MHz Ant1 (SISO) NTN



802.11g MCH 2437MHz Ant1 (SISO) NTN



802.11g HCH 2462MHz Ant1 (SISO) NTN



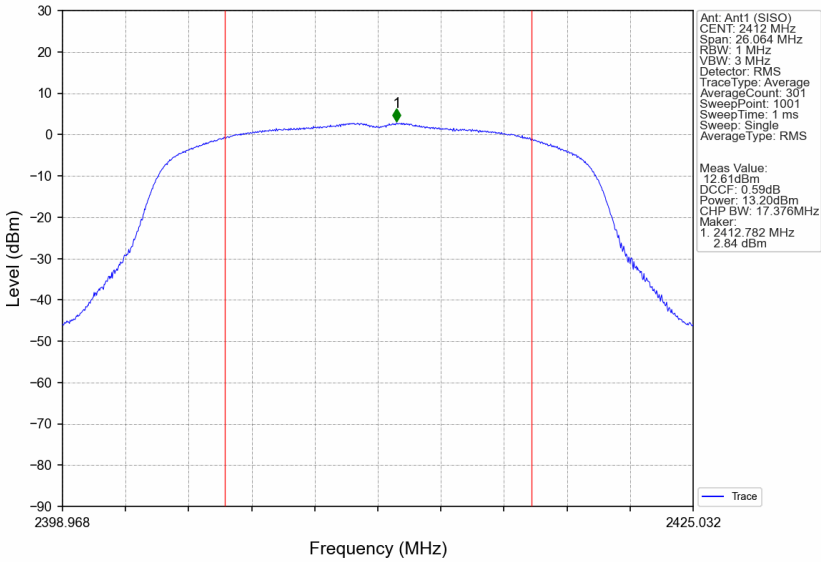
Compliance Certification Services (Kunshan) Inc.

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

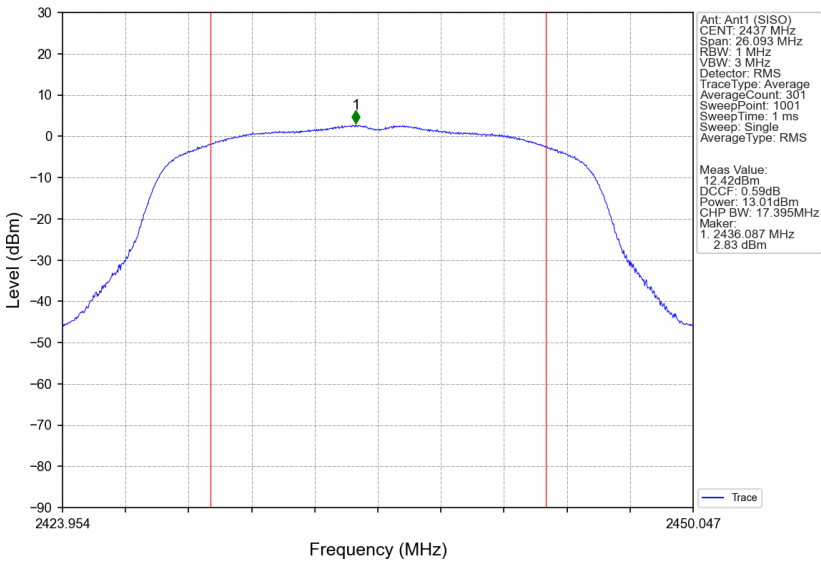
Report No.: KSCR240800151501

Page: 144 of 185

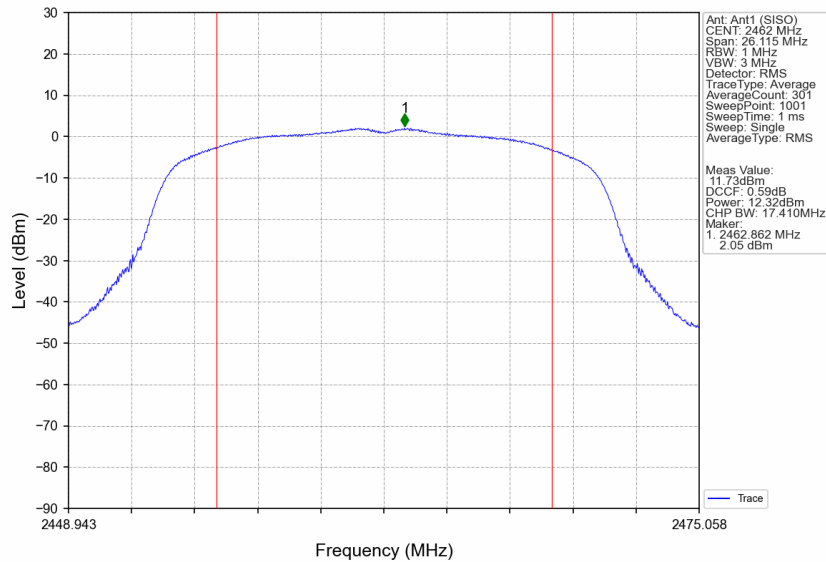
802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTN



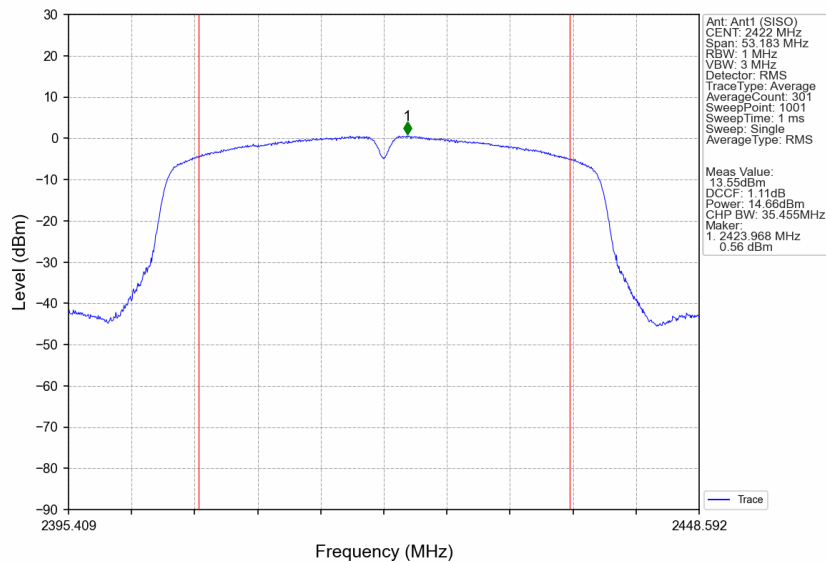
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTN



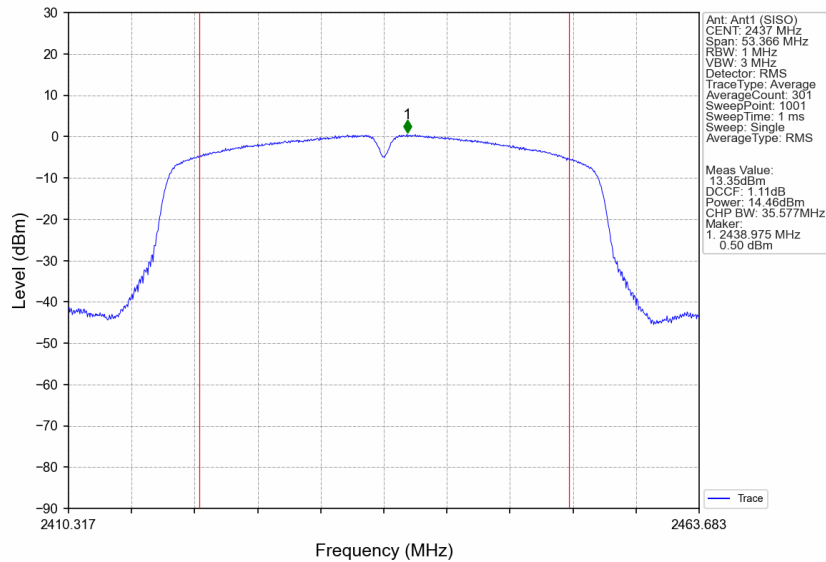
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTN



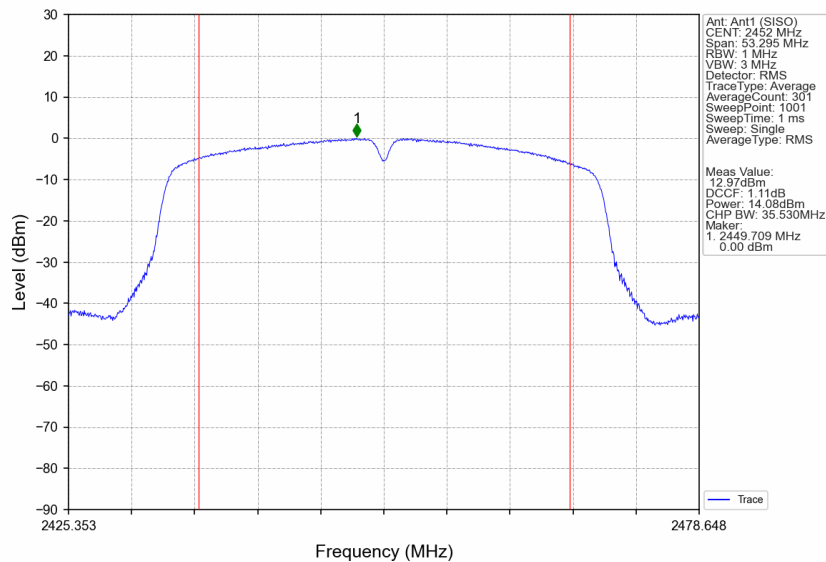
802.11n(HT40) LCH 2422MHz Ant1 (SISO) NTN



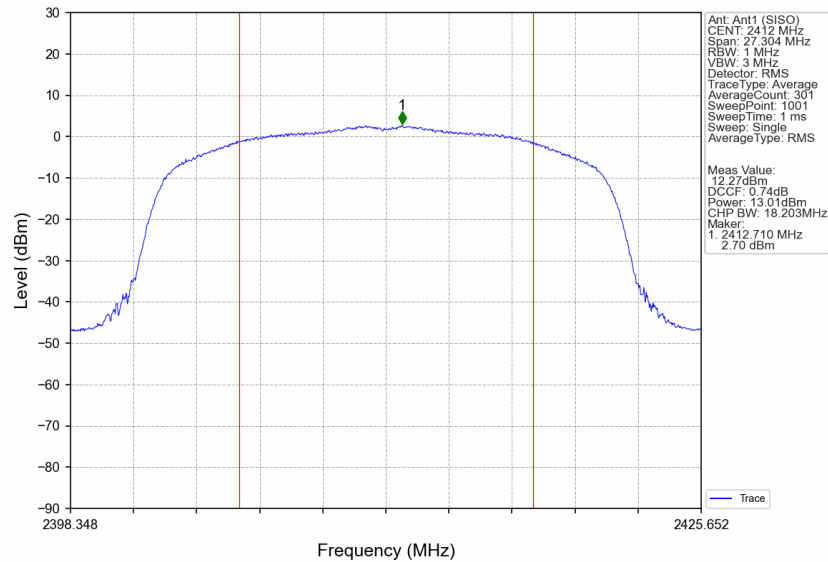
802.11n(HT40) MCH 2437MHz Ant1 (SISO) NTNV



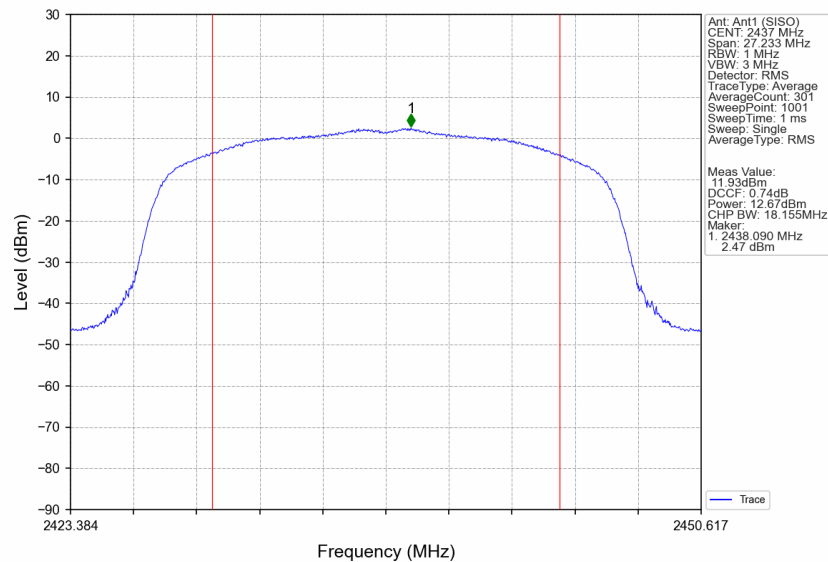
802.11n(HT40) HCH 2452MHz Ant1 (SISO) NTNV



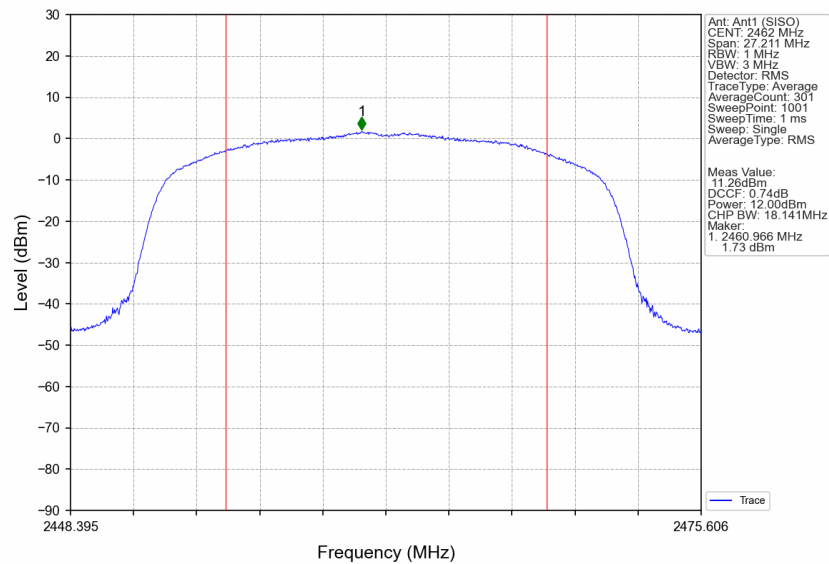
802.11ax(HEW20) LCH 2412MHz RU242 Left Ant1 (SISO) NTNV



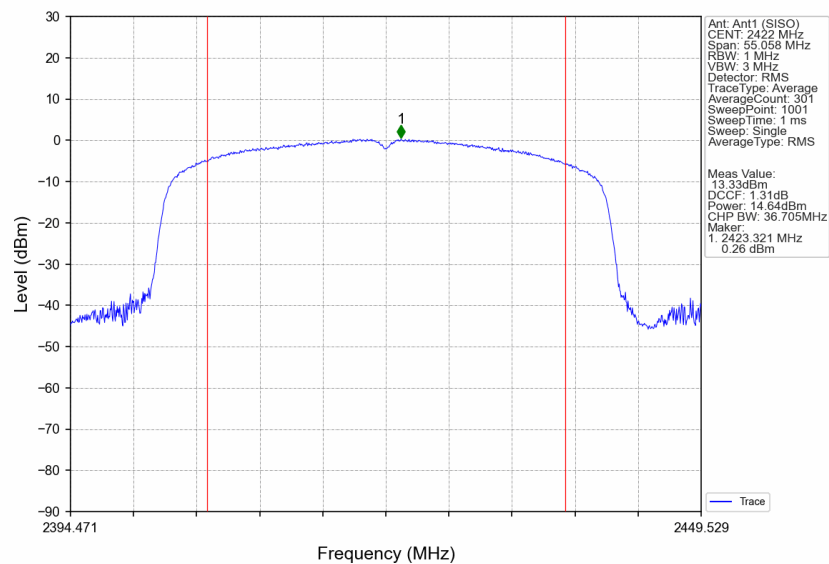
802.11ax(HEW20) MCH 2437MHz RU242 Left Ant1 (SISO) NTNV



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



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



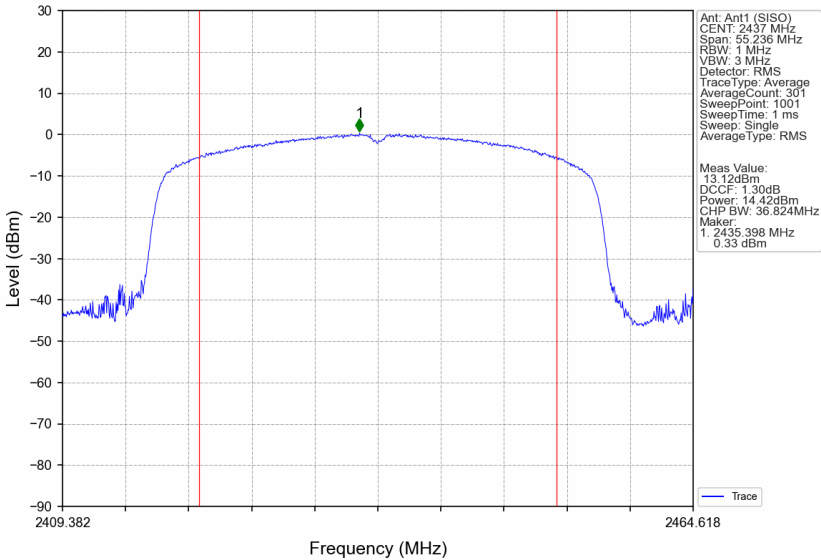
Compliance Certification Services (Kunshan) Inc.

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

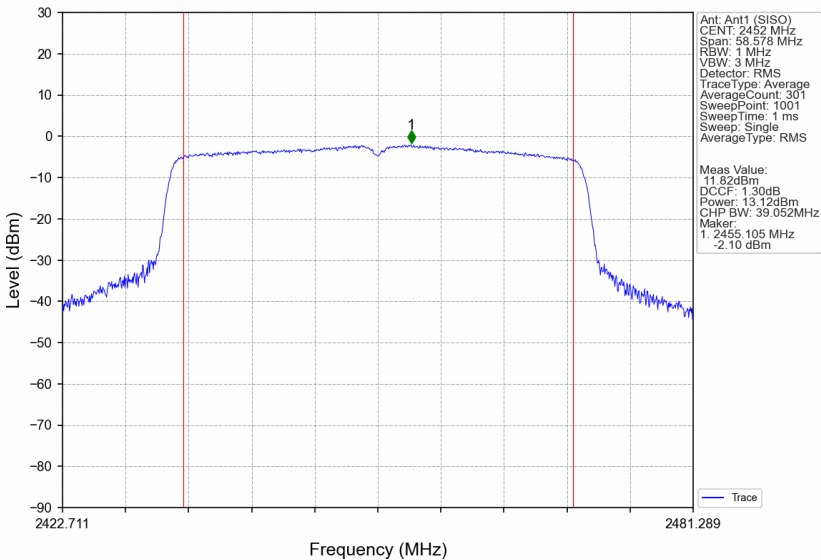
Report No.: KSCR240800151501

Page: 149 of 185

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



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



Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240800151501

Page: 150 of 185

4. Maximum Power Spectral Density

4.1 Test Result

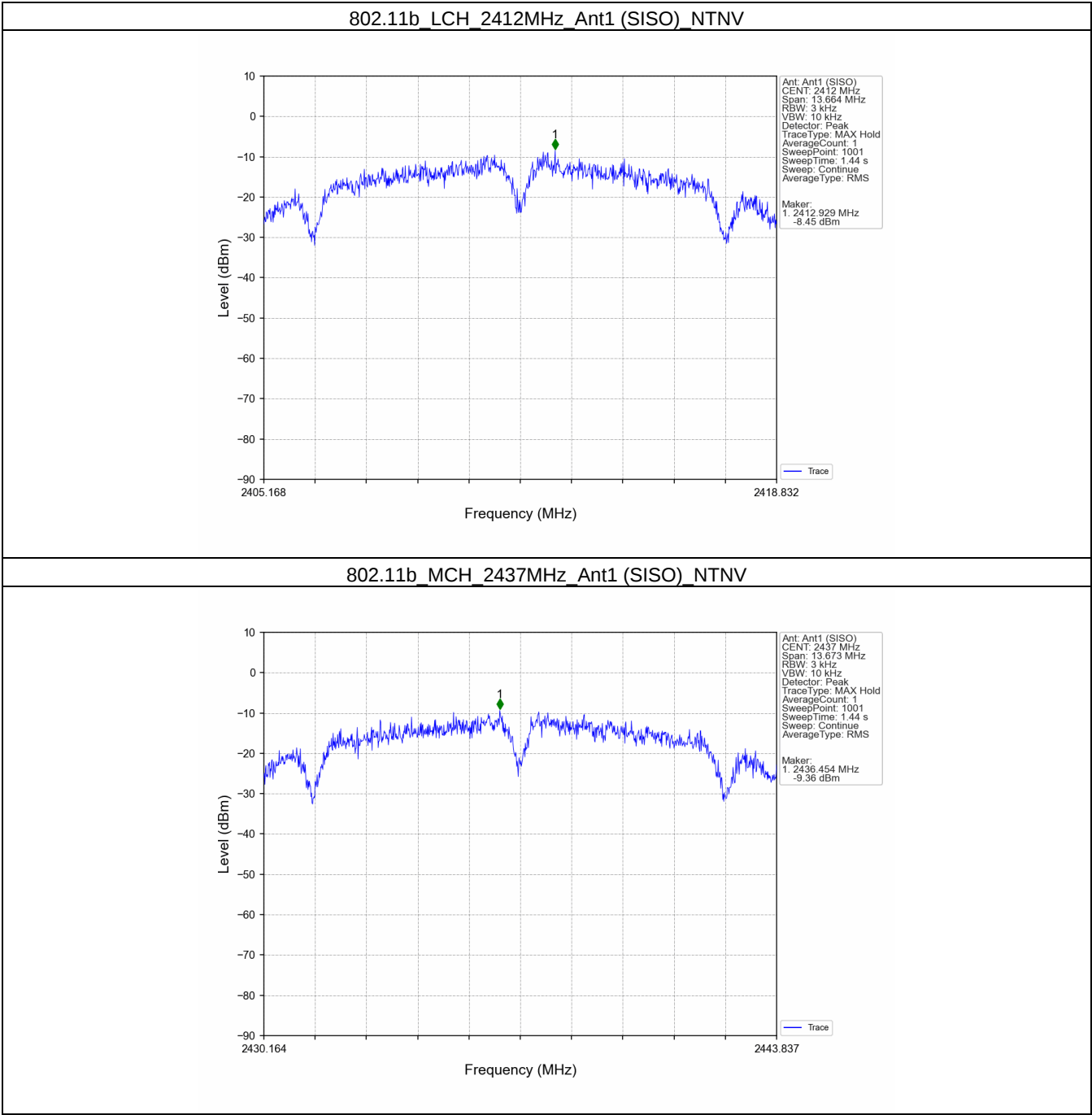
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	-8.45	<=8	Pass
		2437	/	/	-9.36	<=8	Pass
		2462	/	/	-8.89	<=8	Pass
802.11g	SISO	2412	/	/	-11.04	<=8	Pass
		2437	/	/	-10.96	<=8	Pass
		2462	/	/	-11.63	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-9.81	<=8	Pass
		2437	/	/	-11.39	<=8	Pass
		2462	/	/	-12.04	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-12.77	<=8	Pass
		2437	/	/	-12.62	<=8	Pass
		2452	/	/	-12.98	<=8	Pass
802.11ax (HEW20)	SISO	2412	RU242	Left	-10.67	<=8	Pass
		2437	RU242	Left	-12.15	<=8	Pass
		2462	RU242	Left	-12.72	<=8	Pass
802.11ax (HEW40)	SISO	2422	RU484	Left	-13.64	<=8	Pass
		2437	RU484	Left	-13.54	<=8	Pass
		2452	RU484	Left	-15.23	<=8	Pass

Note1: Antenna Gain: Ant1: 3.94dBi;

4.2 Test Graph

4.2.1 PSD



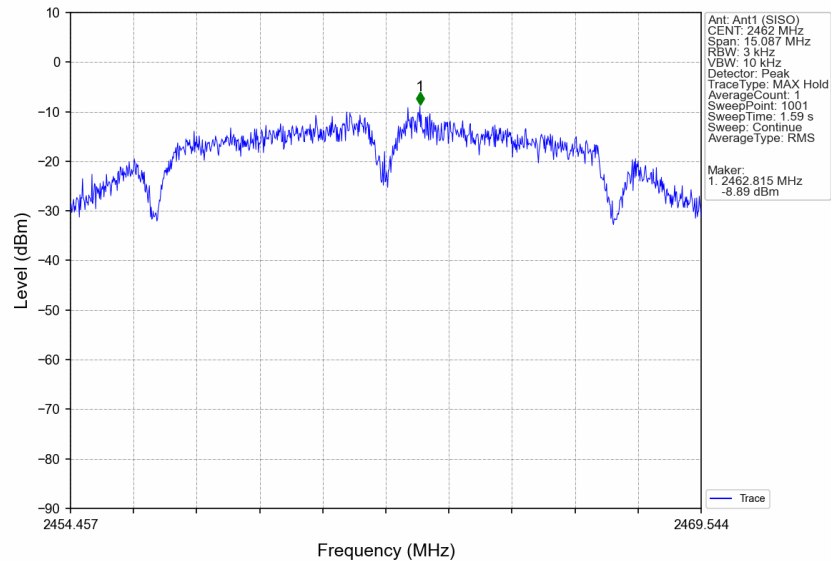
Compliance Certification Services (Kunshan) Inc.

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

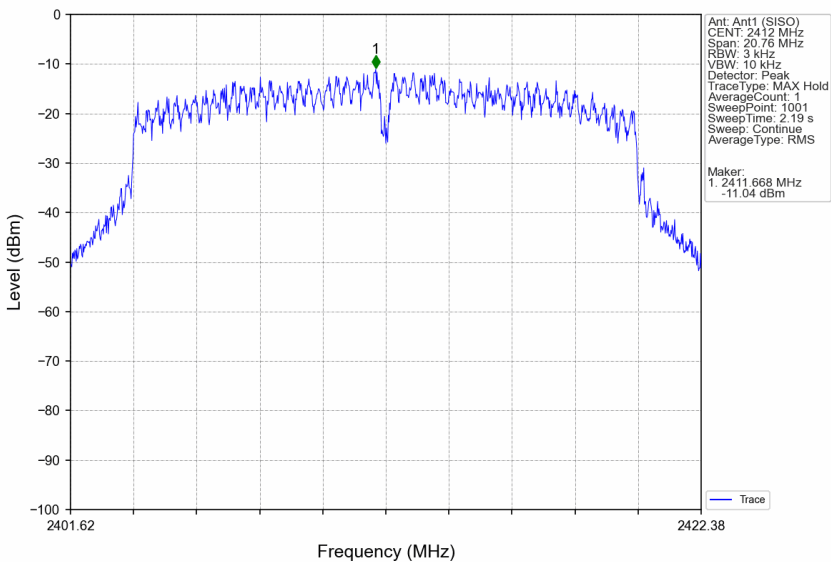
Report No.: KSCR240800151501

Page: 152 of 185

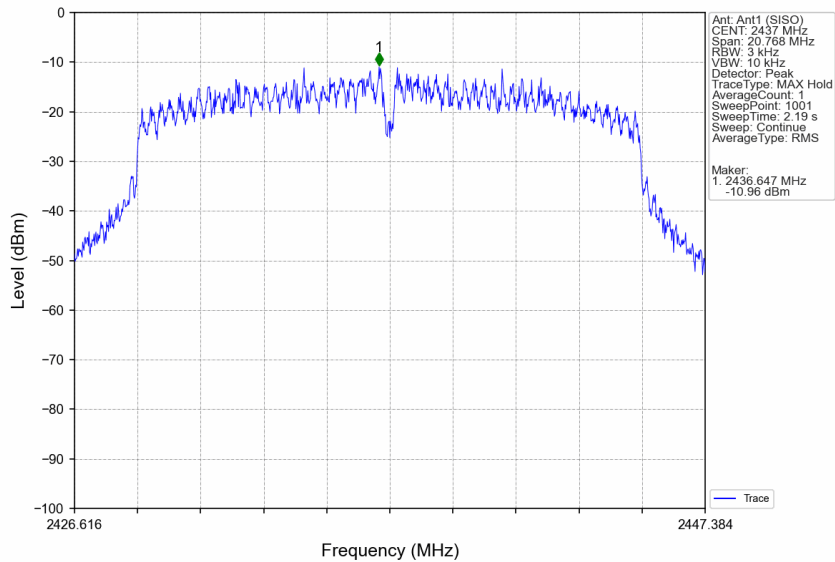
802.11b HCH 2462MHz Ant1 (SISO) NTN



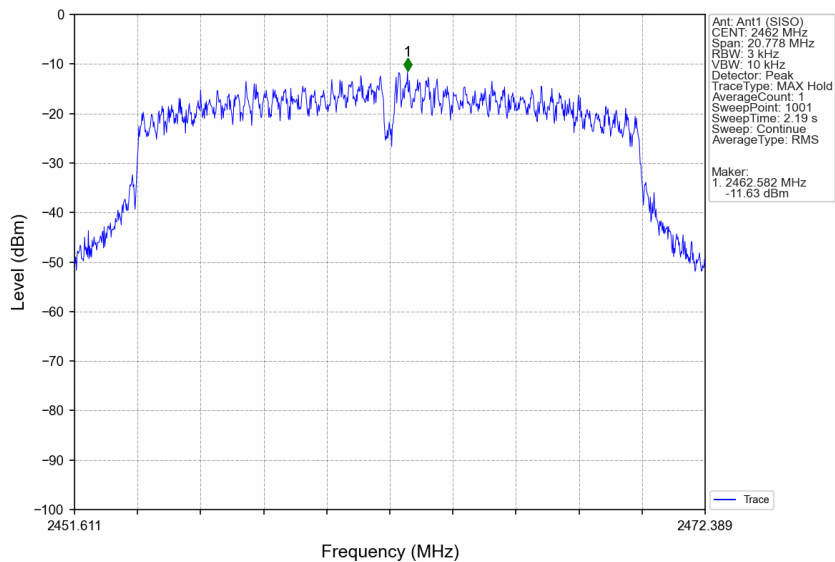
802.11g LCH 2412MHz Ant1 (SISO) NTN



802.11g MCH 2437MHz Ant1 (SISO) NTN



802.11g HCH 2462MHz Ant1 (SISO) NTN



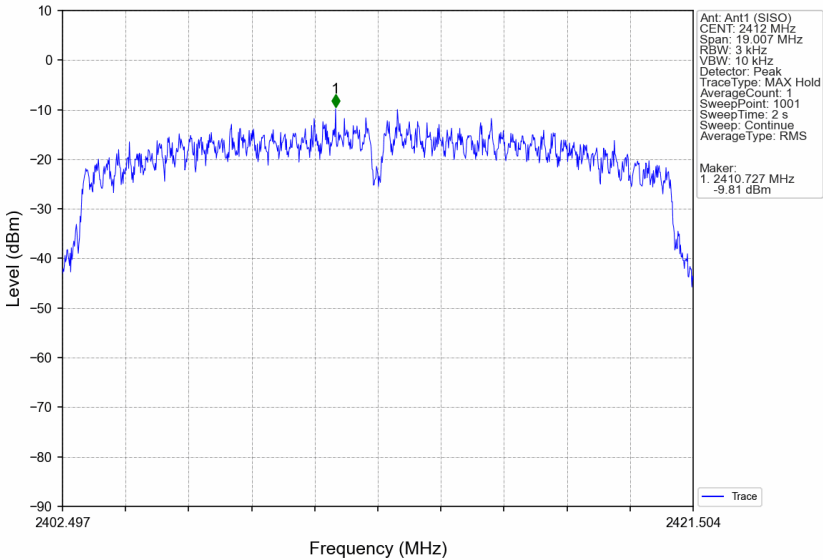
Compliance Certification Services (Kunshan) Inc.

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

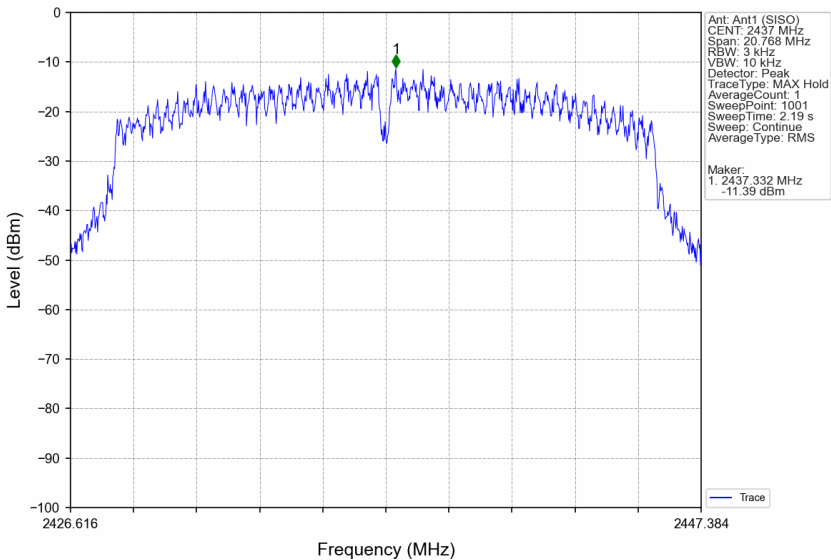
Report No.: KSCR240800151501

Page: 154 of 185

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



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



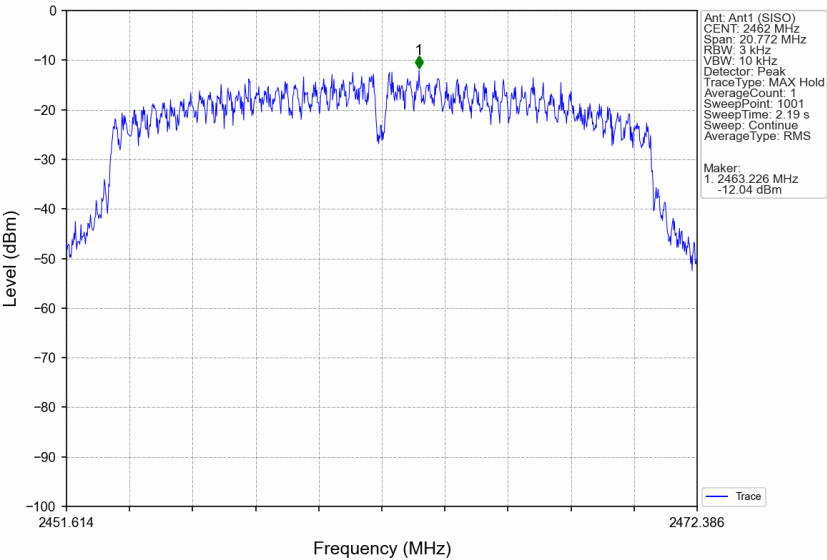
Compliance Certification Services (Kunshan) Inc.

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

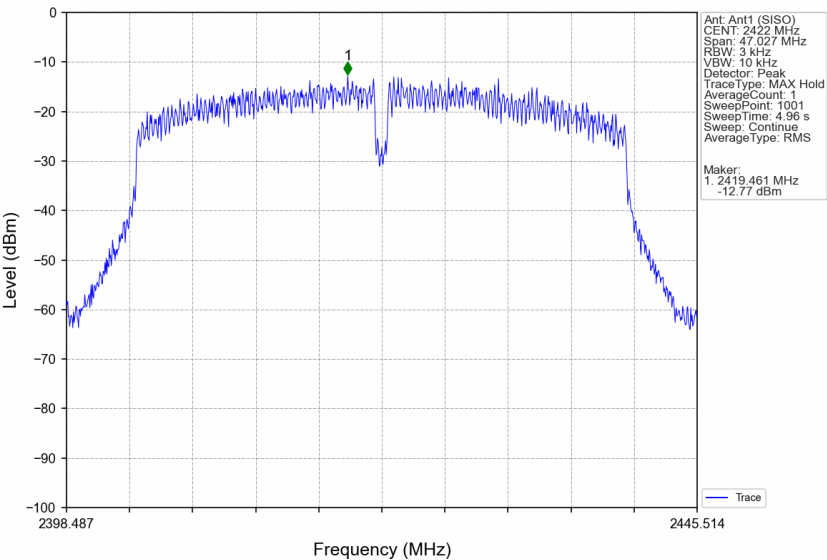
Report No.: KSCR240800151501

Page: 155 of 185

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



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



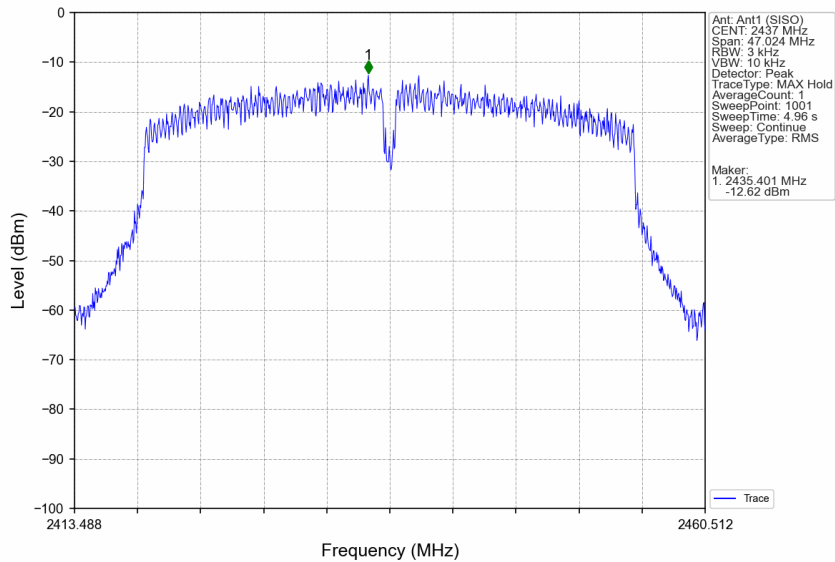
Compliance Certification Services (Kunshan) Inc.

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

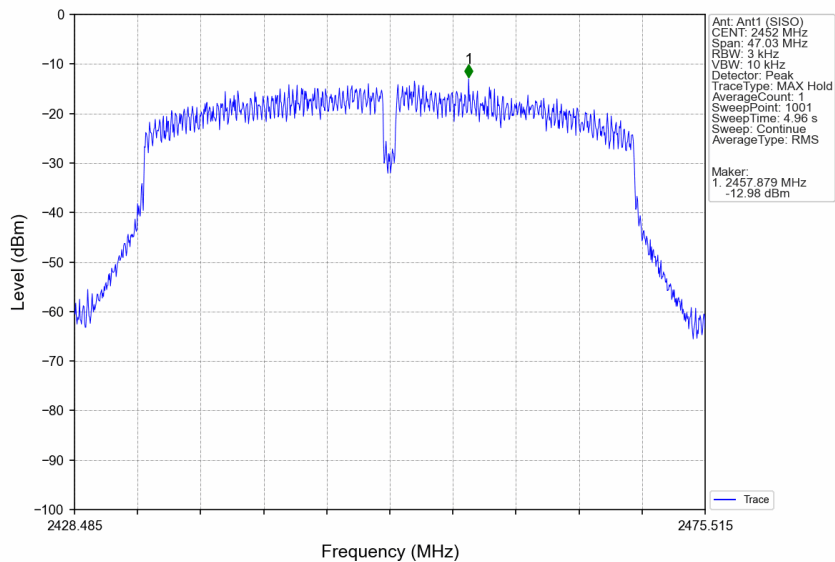
Report No.: KSCR240800151501

Page: 156 of 185

802.11n(HT40) MCH 2437MHz Ant1 (SISO) NTNV



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

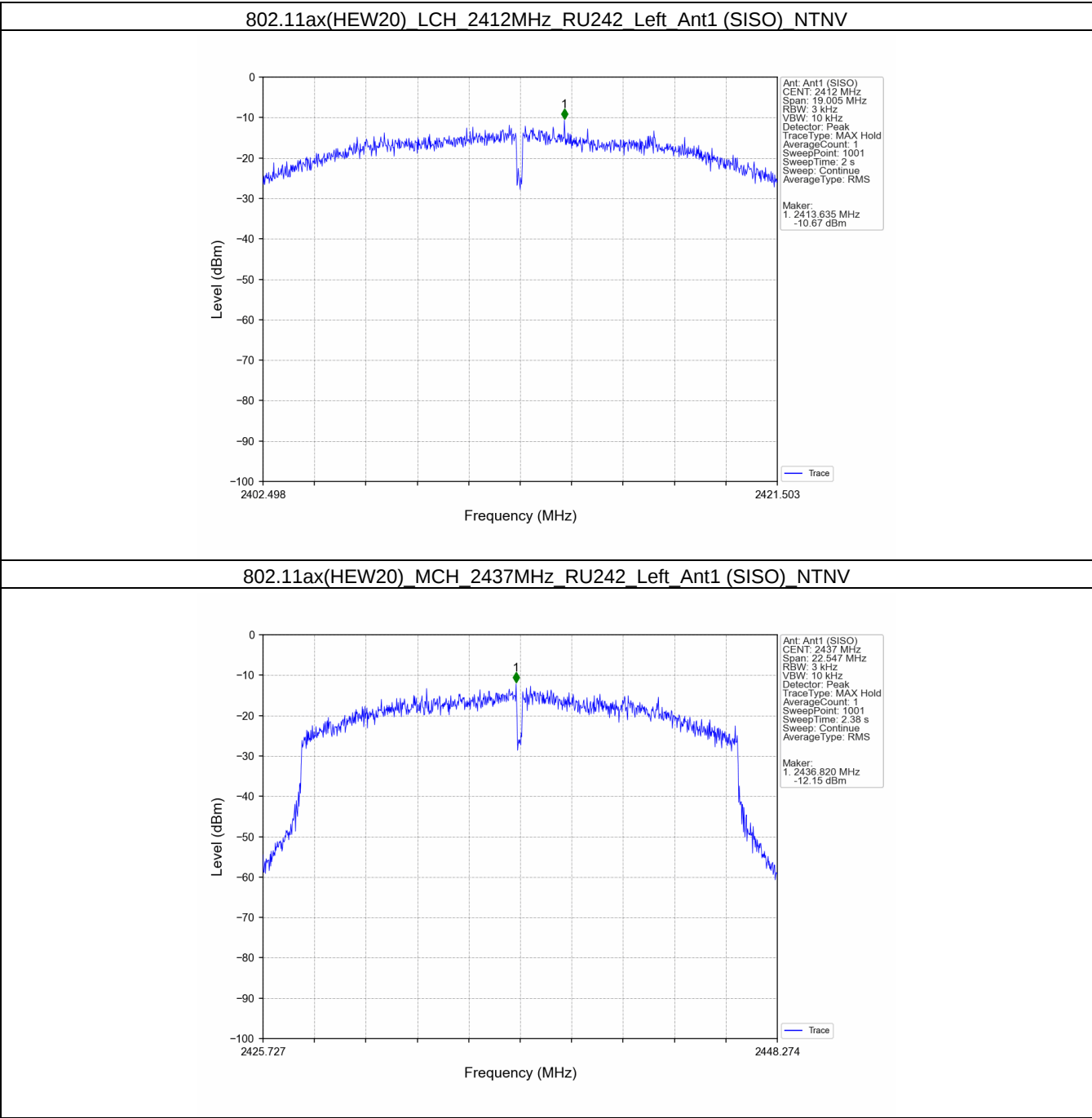


Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240800151501

Page: 157 of 185



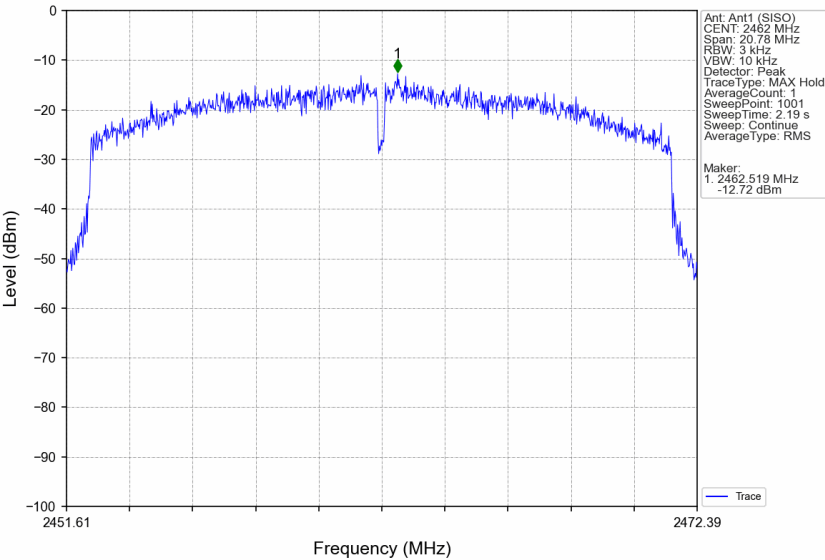
Compliance Certification Services (Kunshan) Inc.

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

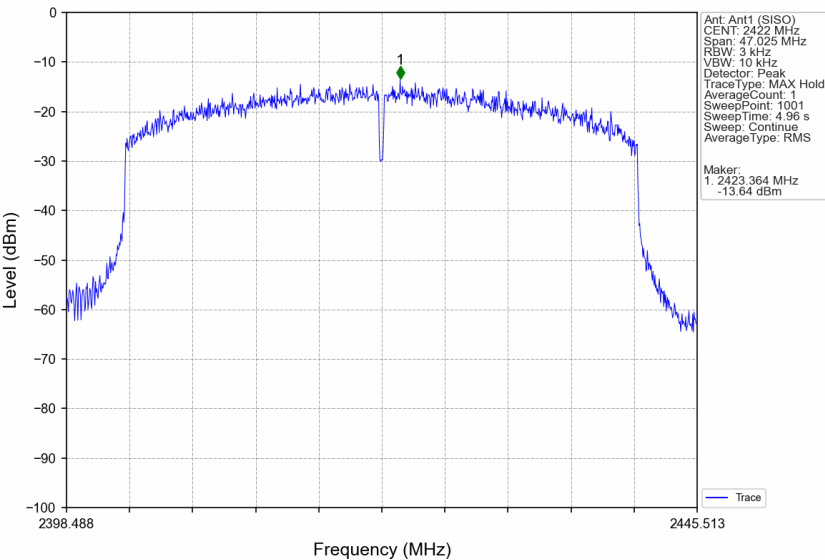
Report No.: KSCR240800151501

Page: 158 of 185

802.11ax(HEW20) HCH 2462MHz RU242 Left Ant1 (SISO) NTNv



802.11ax(HEW40) LCH 2422MHz RU484 Left Ant1 (SISO) NTNv



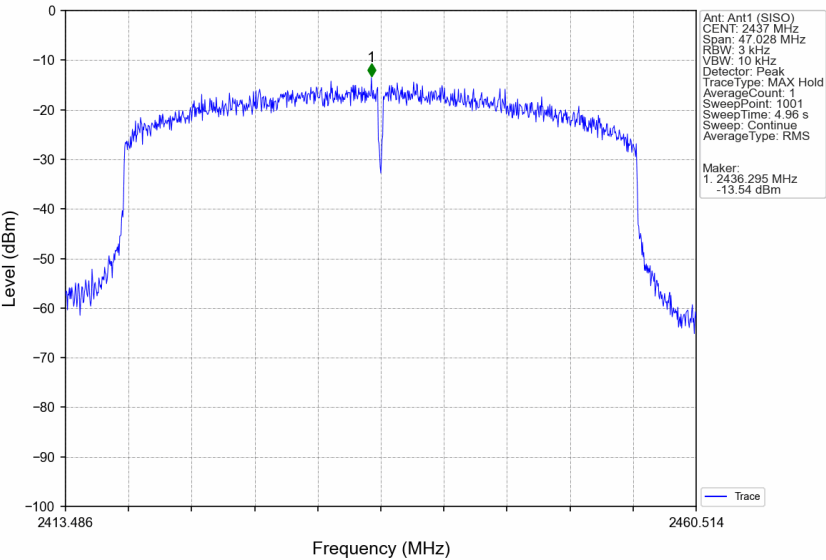
Compliance Certification Services (Kunshan) Inc.

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

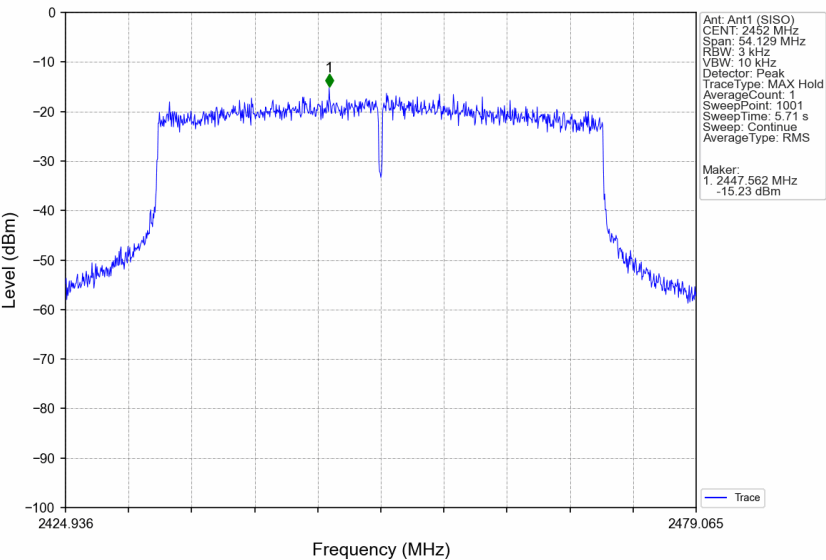
Report No.: KSCR240800151501

Page: 159 of 185

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



802.11ax(HEW40) HCH 2452MHz RU484 Left Ant1 (SISO) 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	6.23
		2437	/	/	1	5.71
		2462	/	/	1	5.34
802.11g	SISO	2412	/	/	1	3.85
		2437	/	/	1	3.77
		2462	/	/	1	3.07
802.11n (HT20)	SISO	2412	/	/	1	3.42
		2437	/	/	1	3.64
		2462	/	/	1	3.01
802.11n (HT40)	SISO	2422	/	/	1	2.17
		2437	/	/	1	1.96
		2452	/	/	1	1.62
802.11ax (HEW20)	SISO	2412	RU242	Left	1	4.01
		2437	RU242	Left	1	3.62
		2462	RU242	Left	1	3.02
802.11ax (HEW40)	SISO	2422	RU484	Left	1	2.14
		2437	RU484	Left	1	1.92
		2452	RU484	Left	1	-0.23

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.

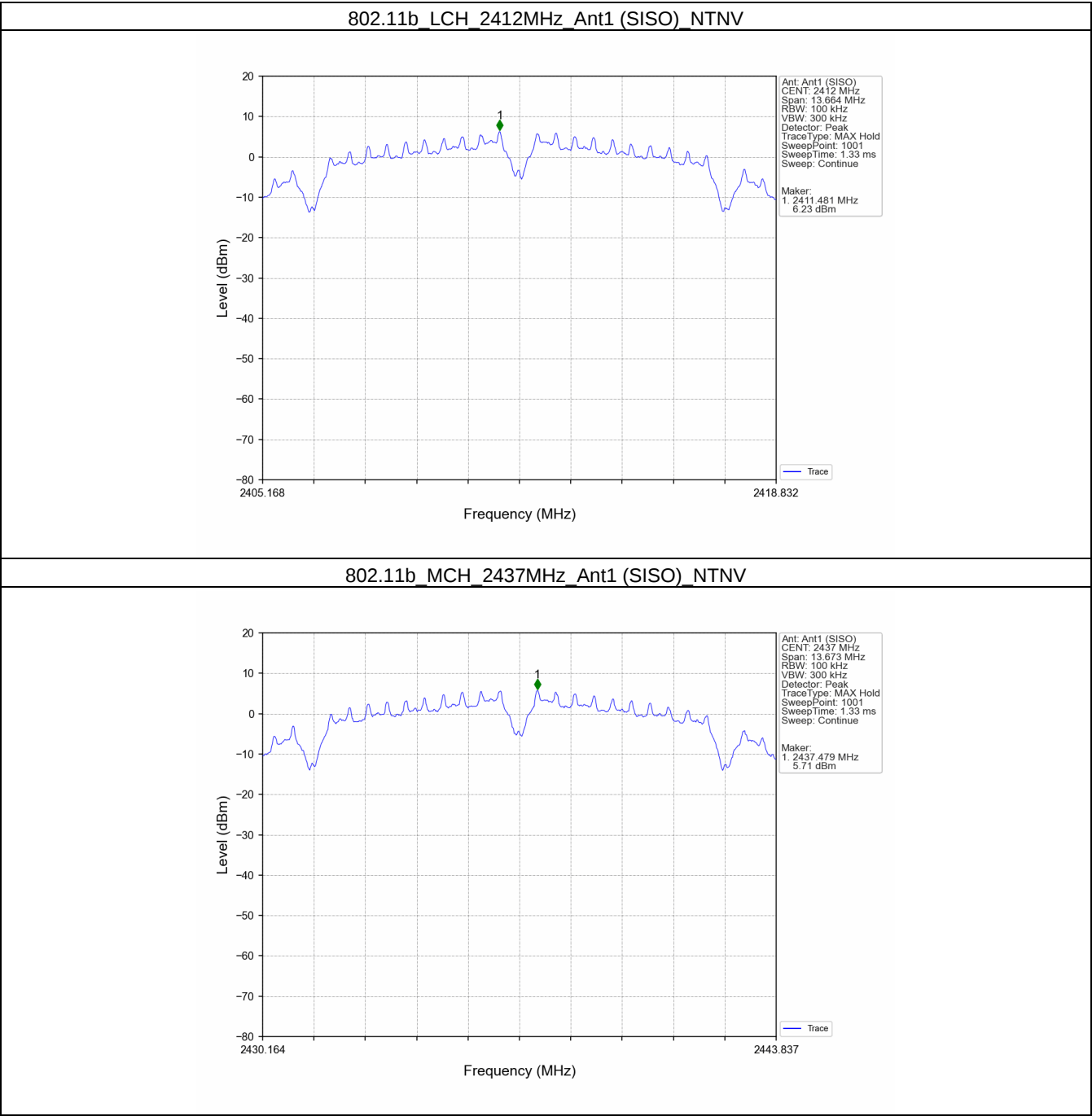
5.1.2 CSE

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	6.23	-23.77	Pass
		2437	/	/	1	6.23	-23.77	Pass
		2462	/	/	1	6.23	-23.77	Pass
802.11g	SISO	2412	/	/	1	3.85	-26.15	Pass
		2437	/	/	1	3.85	-26.15	Pass
		2462	/	/	1	3.85	-26.15	Pass
802.11n (HT20)	SISO	2412	/	/	1	3.64	-26.36	Pass
		2437	/	/	1	3.64	-26.36	Pass
		2462	/	/	1	3.64	-26.36	Pass
802.11n (HT40)	SISO	2422	/	/	1	2.17	-27.83	Pass
		2437	/	/	1	2.17	-27.83	Pass
		2452	/	/	1	2.17	-27.83	Pass
802.11ax (HEW20)	SISO	2412	RU242	Left	1	4.01	-25.99	Pass
		2437	RU242	Left	1	4.01	-25.99	Pass
		2462	RU242	Left	1	4.01	-25.99	Pass
802.11ax	SISO	2422	RU484	Left	1	2.14	-27.86	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



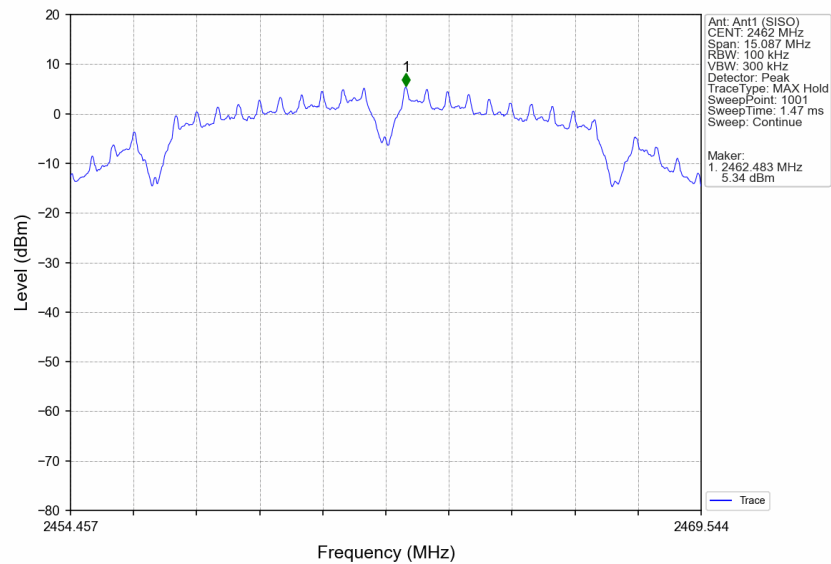
Compliance Certification Services (Kunshan) Inc.

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

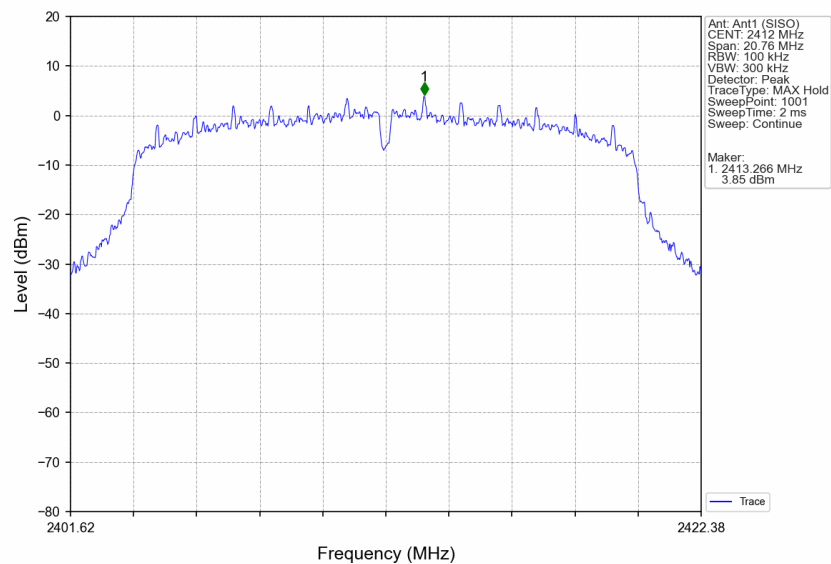
Report No.: KSCR240800151501

Page: 163 of 185

802.11b HCH 2462MHz Ant1 (SISO) NTN



802.11g LCH 2412MHz Ant1 (SISO) NTN



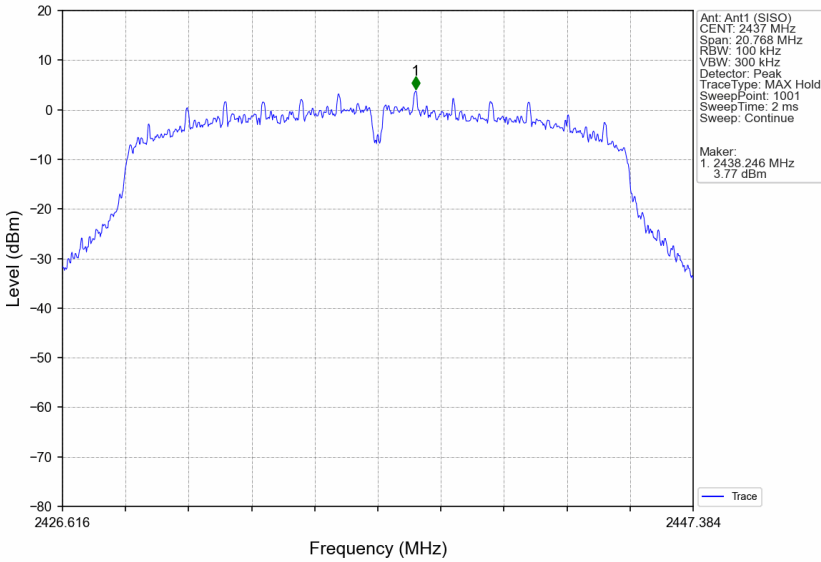
Compliance Certification Services (Kunshan) Inc.

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

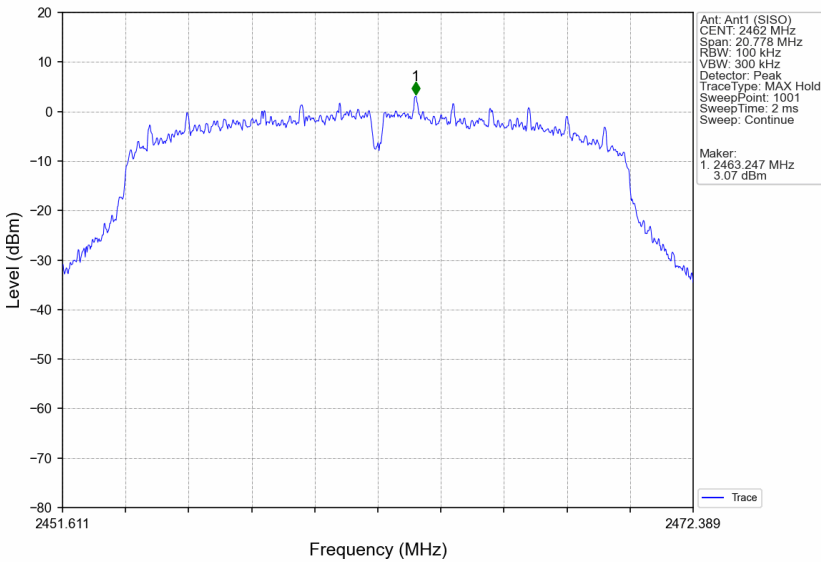
Report No.: KSCR240800151501

Page: 164 of 185

802.11g MCH 2437MHz Ant1 (SISO) NTN



802.11g HCH 2462MHz Ant1 (SISO) NTN



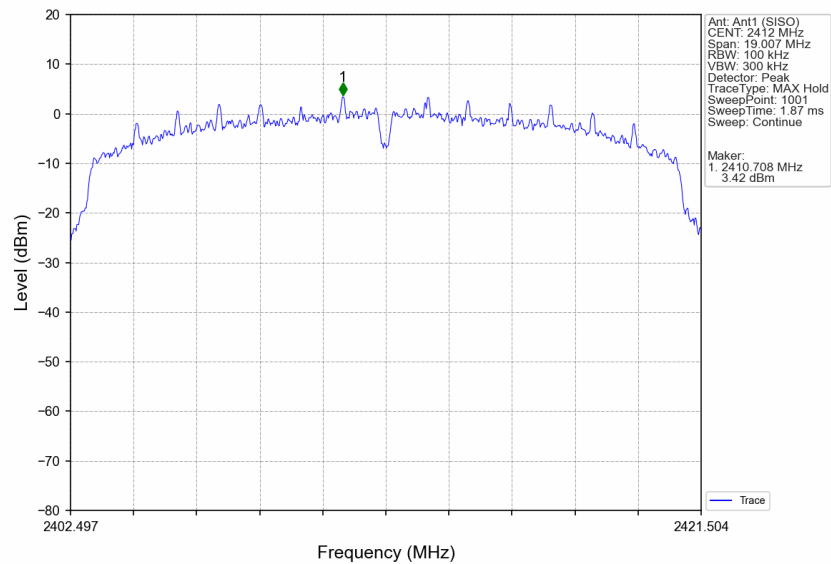
Compliance Certification Services (Kunshan) Inc.

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

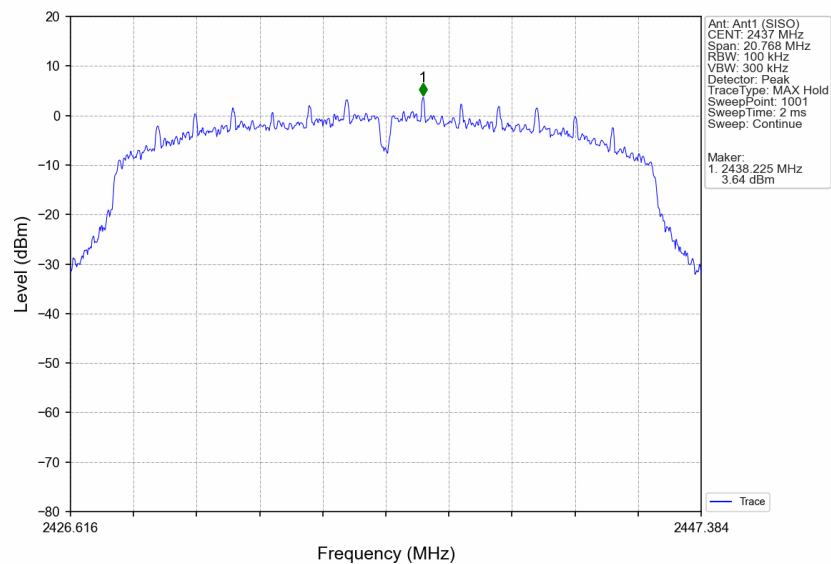
Report No.: KSCR240800151501

Page: 165 of 185

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



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



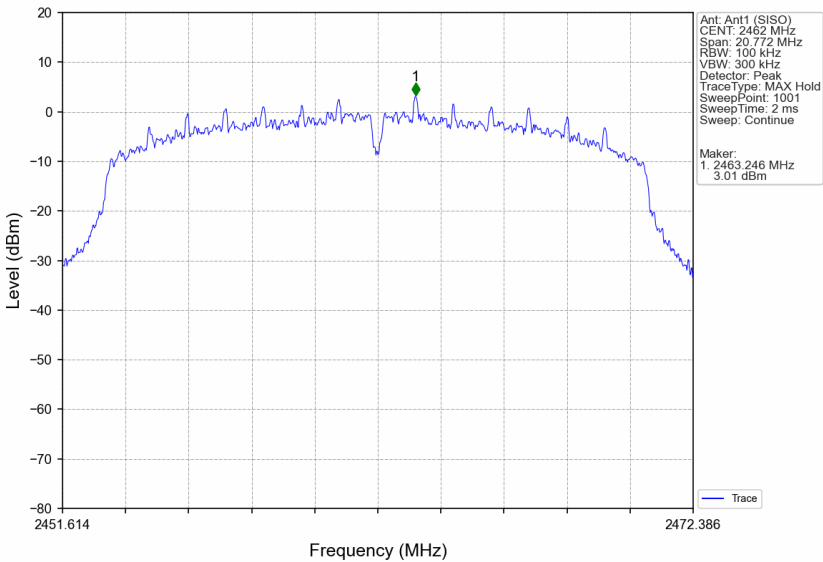
Compliance Certification Services (Kunshan) Inc.

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

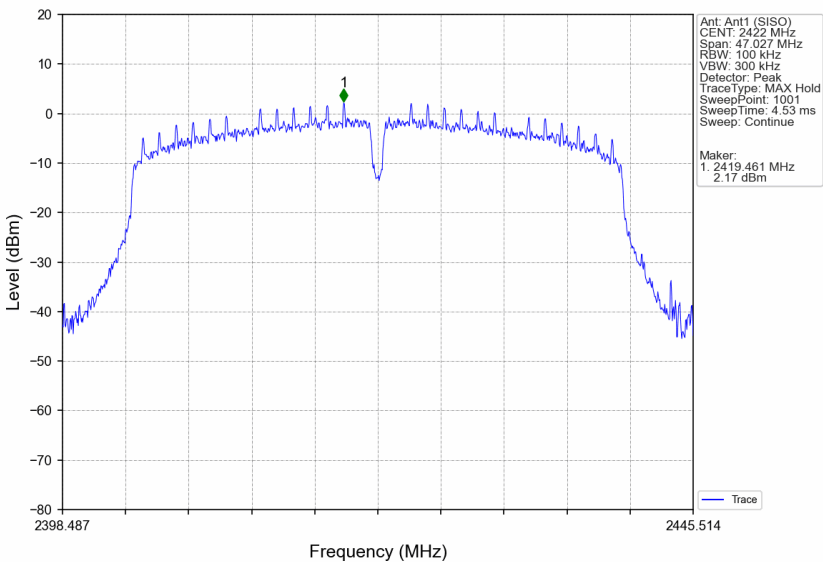
Report No.: KSCR240800151501

Page: 166 of 185

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



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



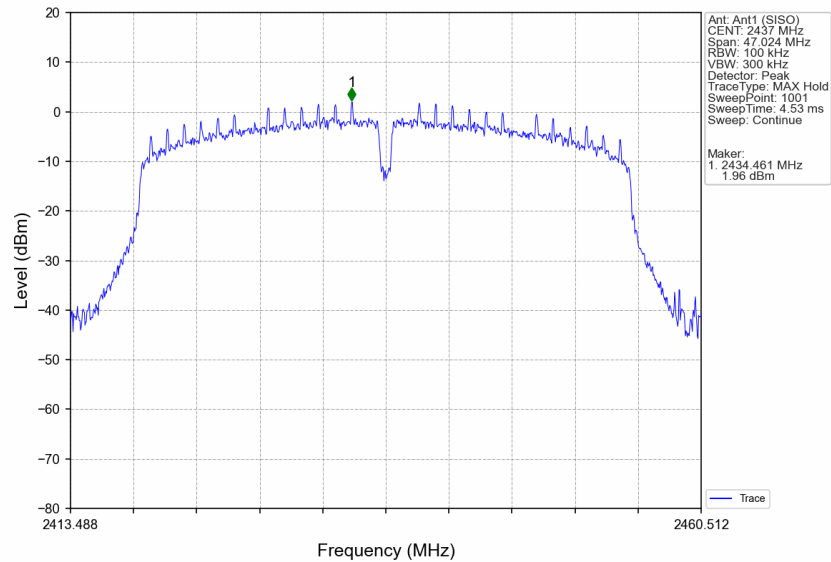
Compliance Certification Services (Kunshan) Inc.

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

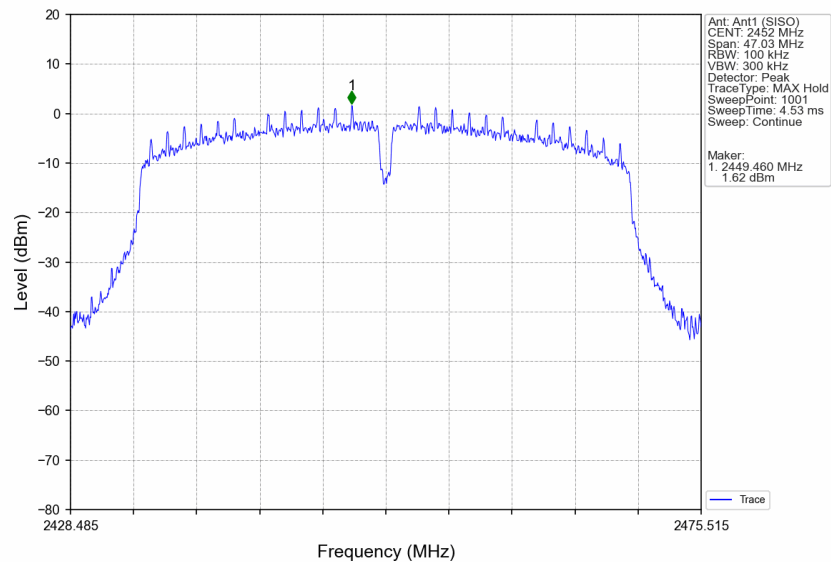
Report No.: KSCR240800151501

Page: 167 of 185

802.11n(HT40) MCH 2437MHz Ant1 (SISO) NTN



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



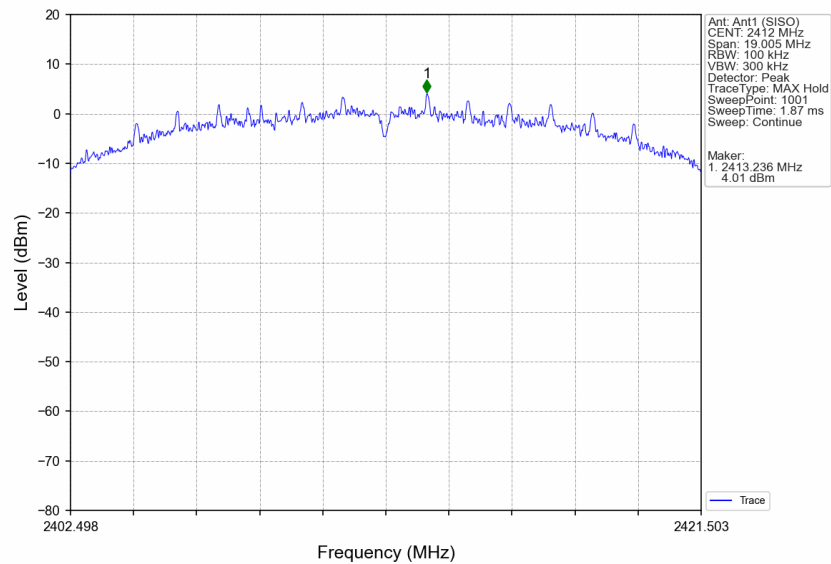
Compliance Certification Services (Kunshan) Inc.

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

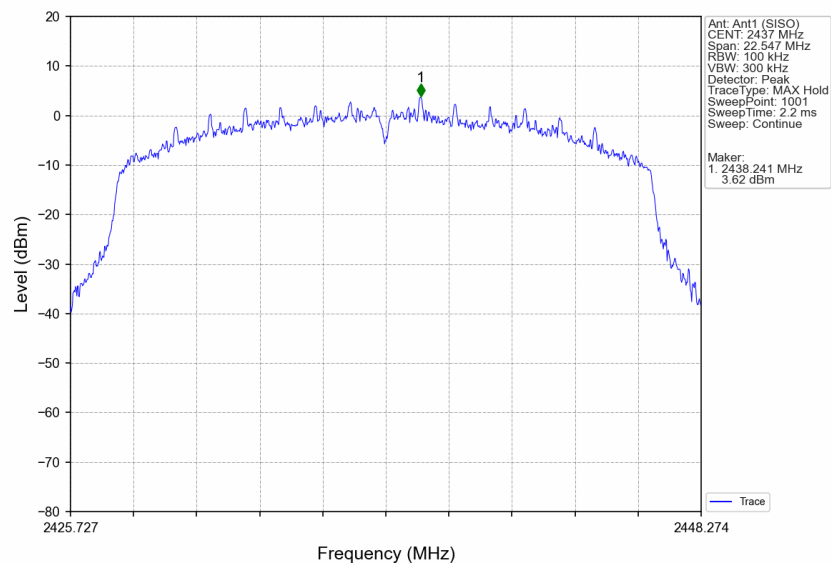
Report No.: KSCR240800151501

Page: 168 of 185

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



802.11ax(HEW20) MCH 2437MHz RU242 Left Ant1 (SISO) NTNv



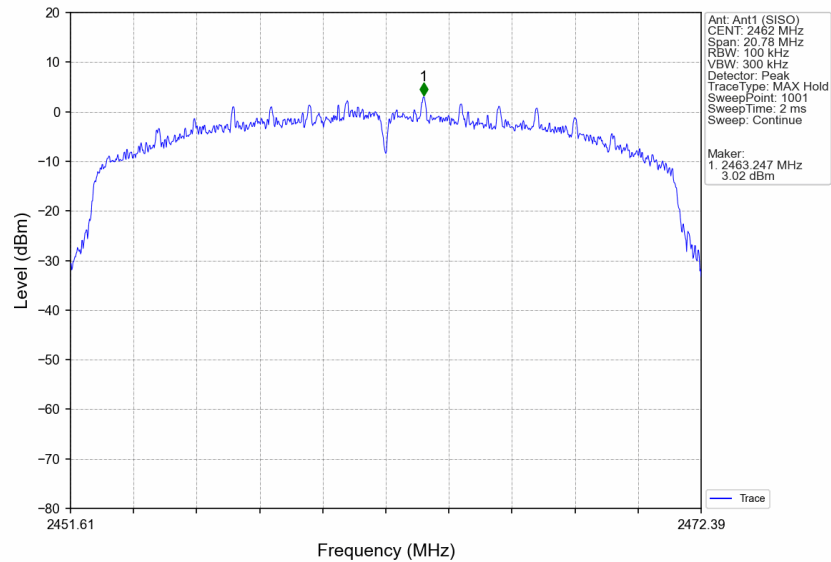
Compliance Certification Services (Kunshan) Inc.

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

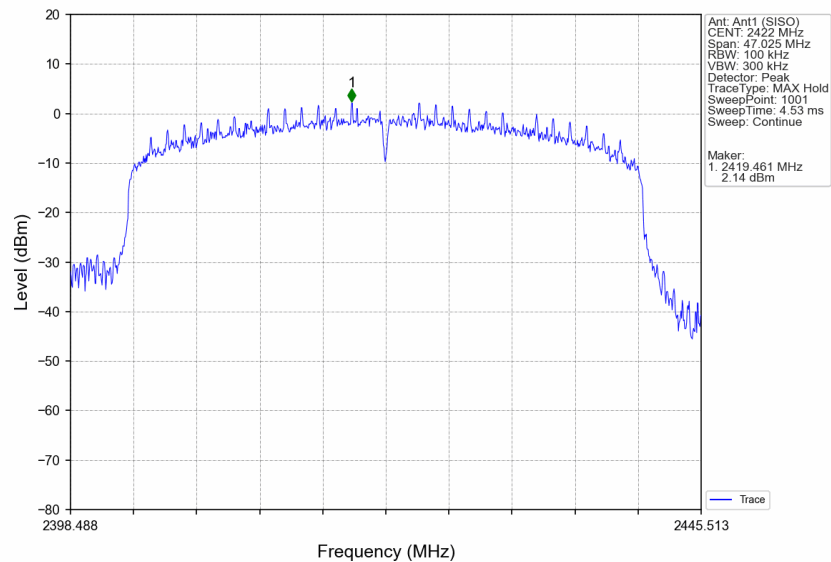
Report No.: KSCR240800151501

Page: 169 of 185

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



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



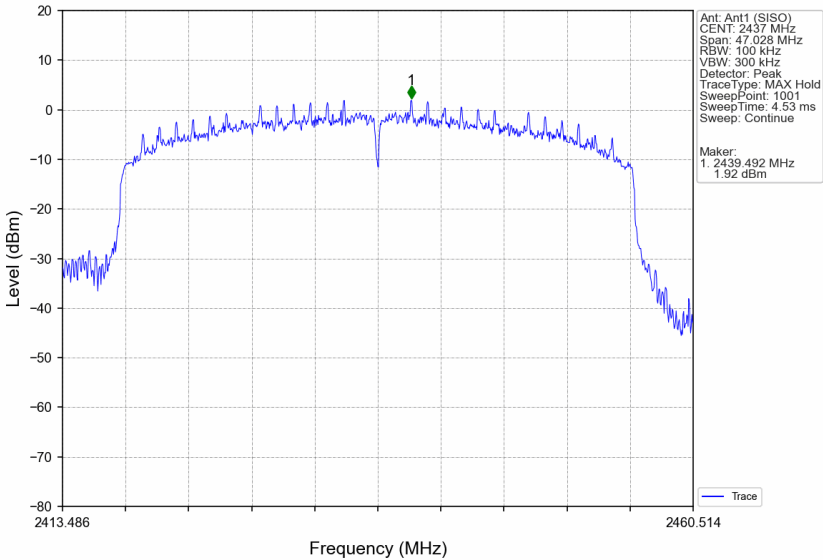
Compliance Certification Services (Kunshan) Inc.

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

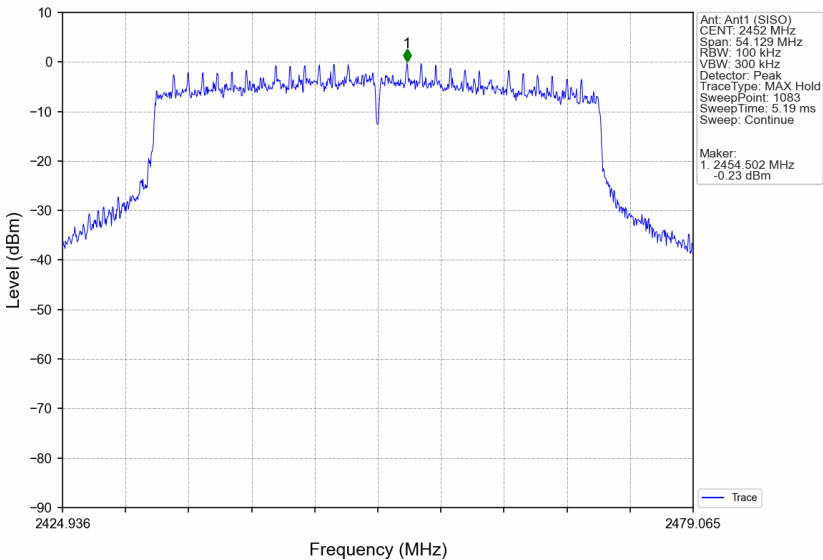
Report No.: KSCR240800151501

Page: 170 of 185

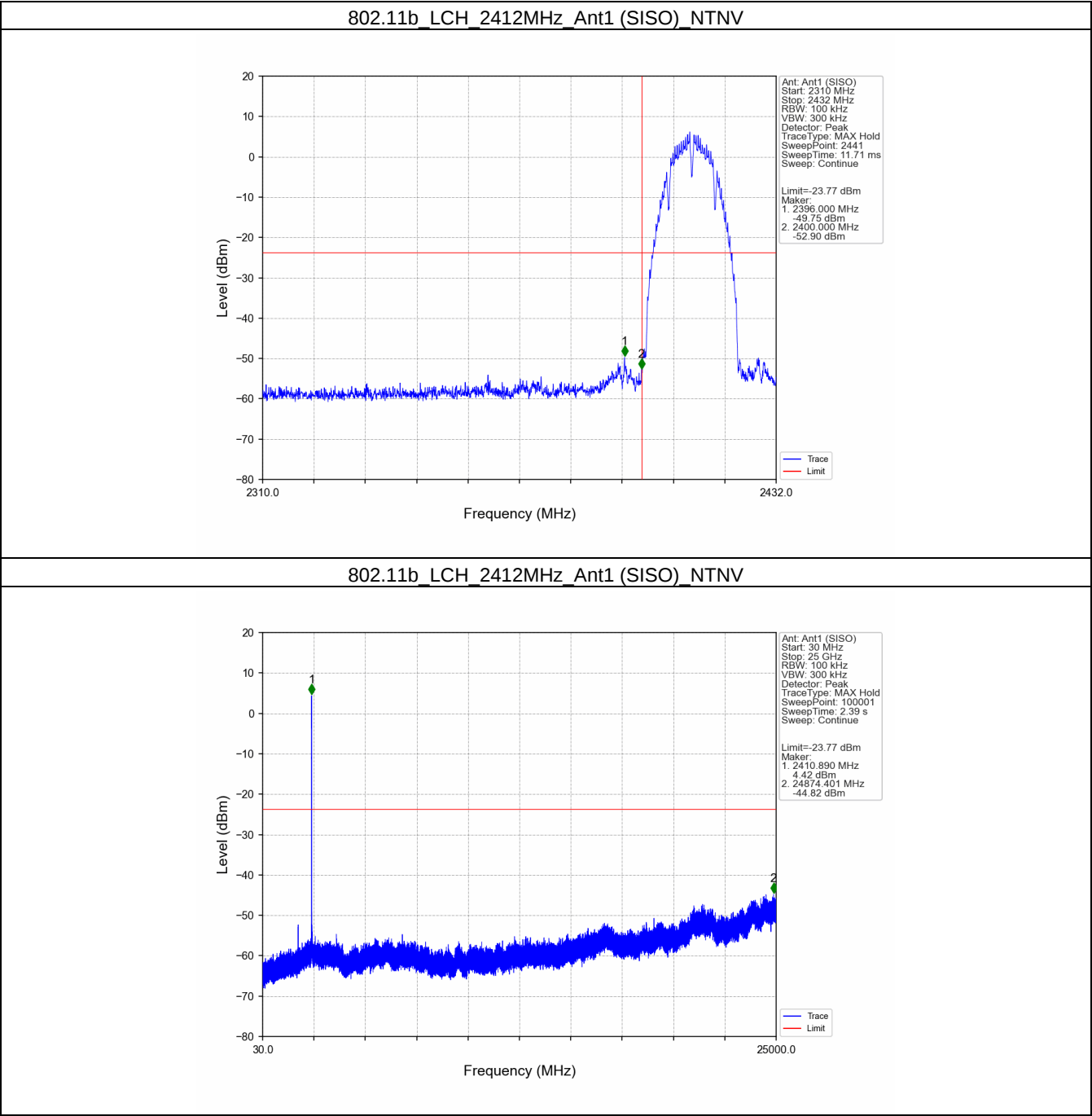
802.11ax(HEW40) MCH 2437MHz RU484 Left Ant1 (SISO) NTN



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



5.2.2 CSE



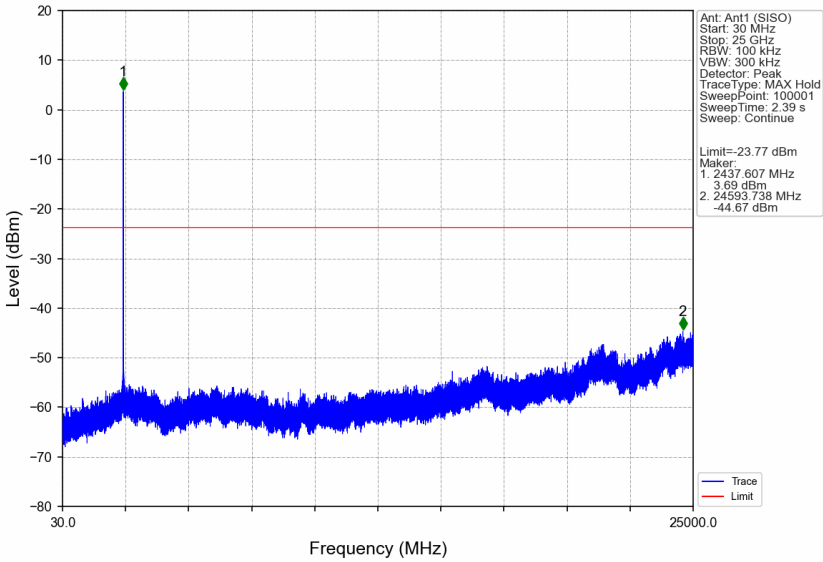
Compliance Certification Services (Kunshan) Inc.

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

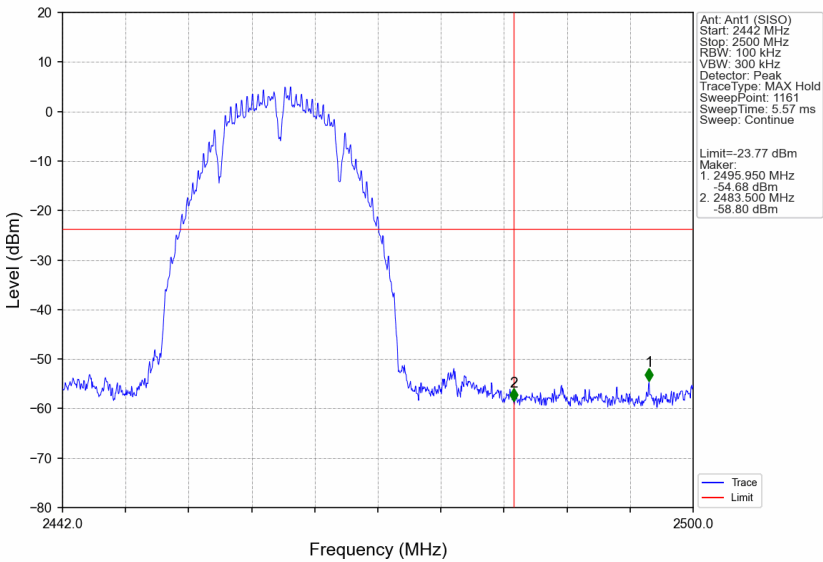
Report No.: KSCR240800151501

Page: 172 of 185

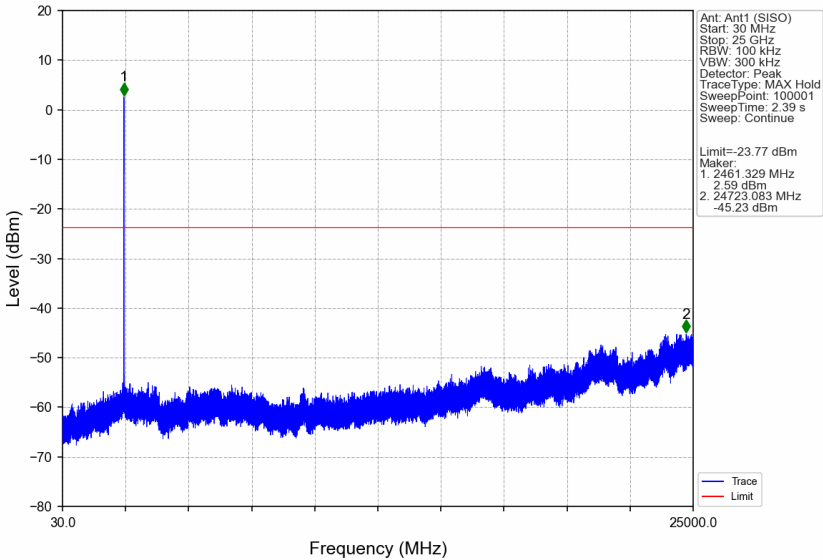
802.11b MCH 2437MHz Ant1 (SISO) NTN



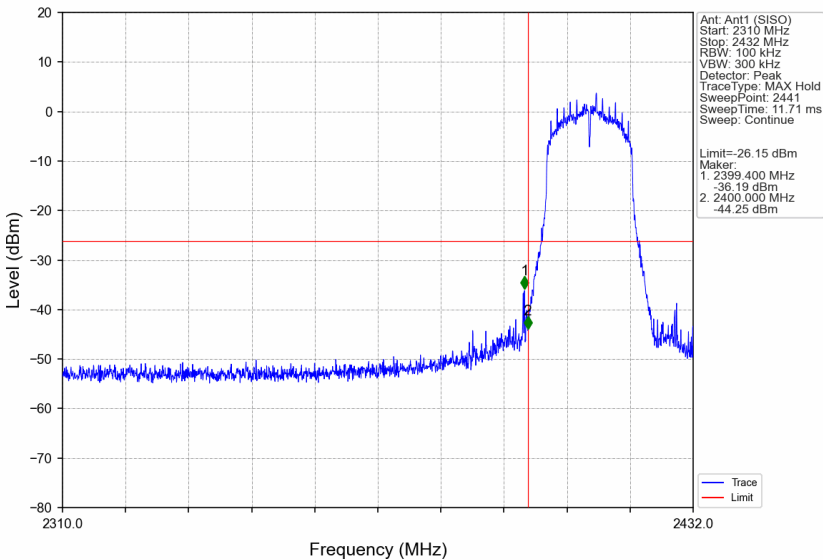
802.11b HCH 2462MHz Ant1 (SISO) NTN



802.11b HCH 2462MHz Ant1 (SISO) NTN



802.11g LCH 2412MHz Ant1 (SISO) NTN



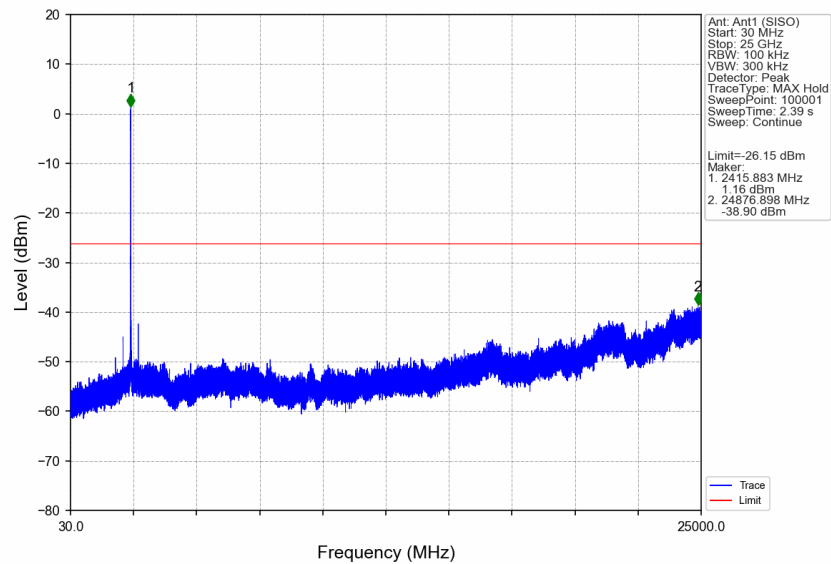
Compliance Certification Services (Kunshan) Inc.

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

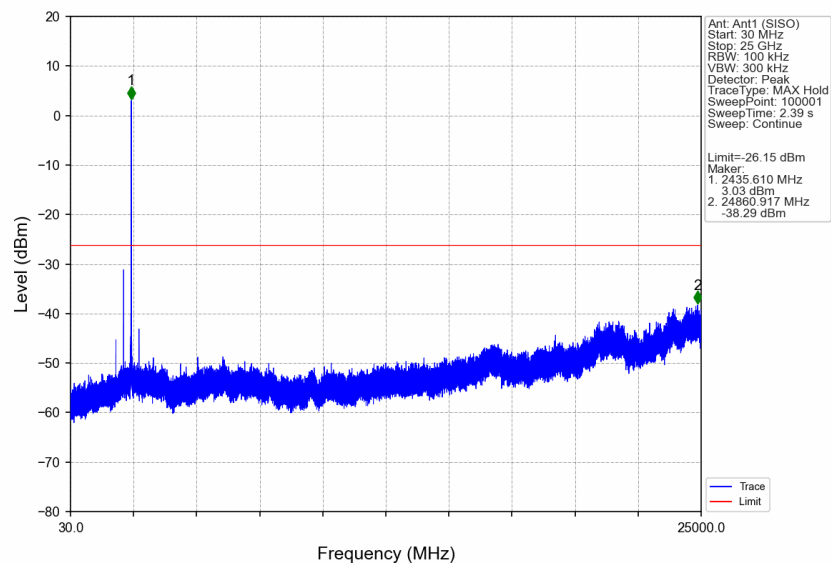
Report No.: KSCR240800151501

Page: 174 of 185

802.11g LCH 2412MHz Ant1 (SISO) NTN



802.11g MCH 2437MHz Ant1 (SISO) NTN



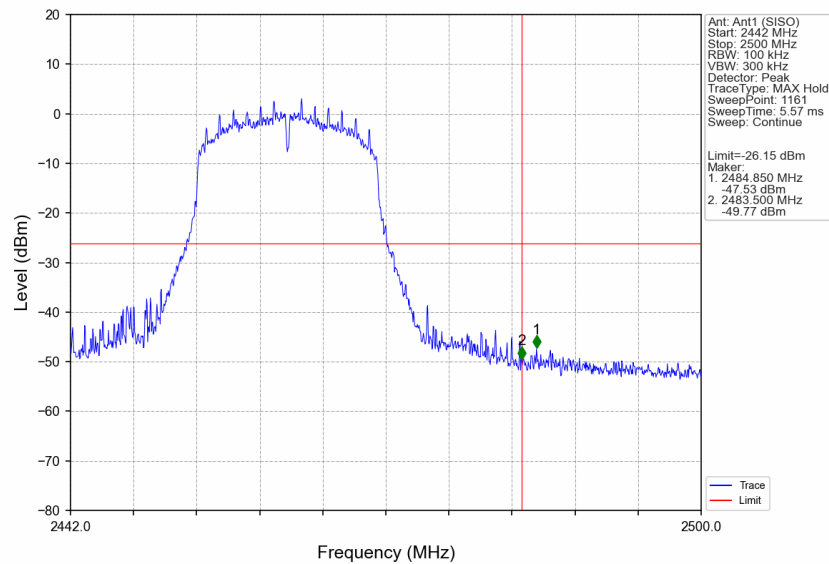
Compliance Certification Services (Kunshan) Inc.

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

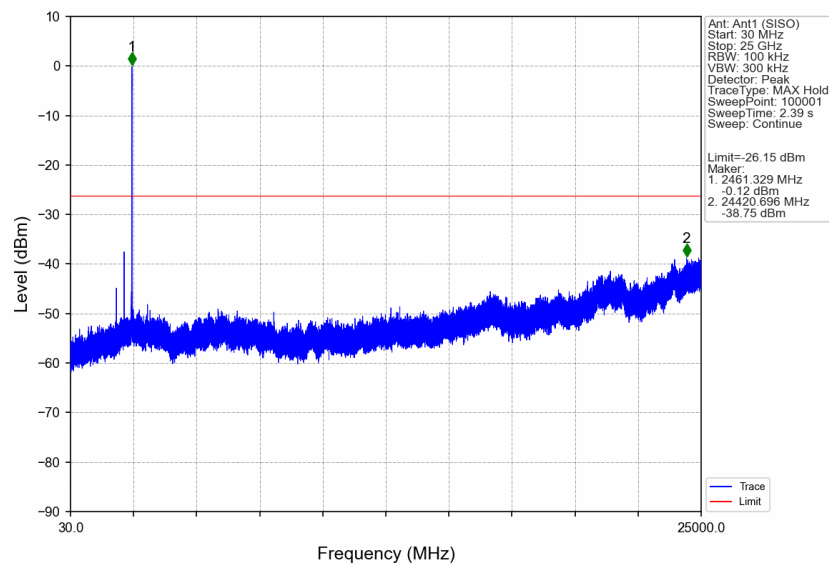
Report No.: KSCR240800151501

Page: 175 of 185

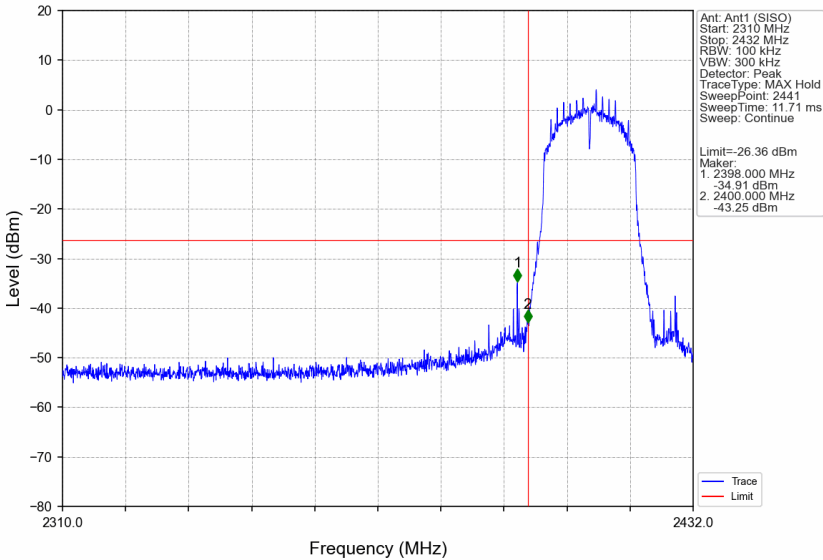
802.11g HCH 2462MHz Ant1 (SISO) NTN



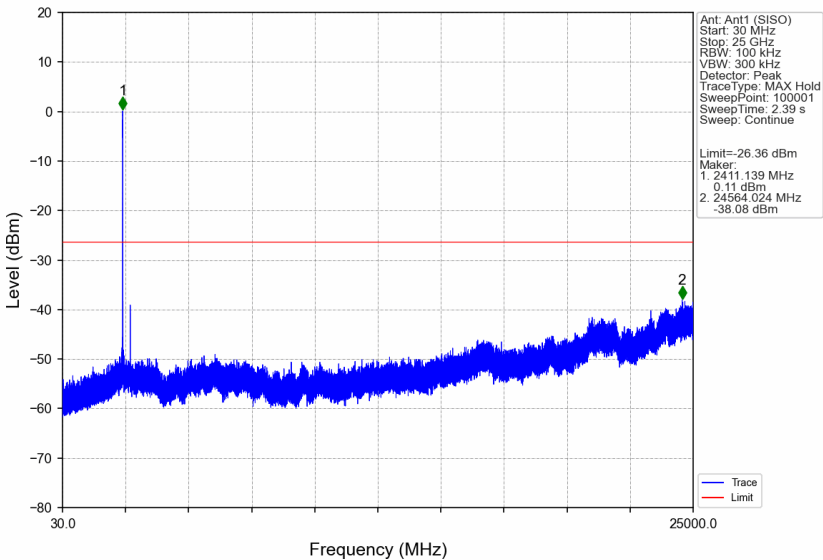
802.11g HCH 2462MHz Ant1 (SISO) NTN



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



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



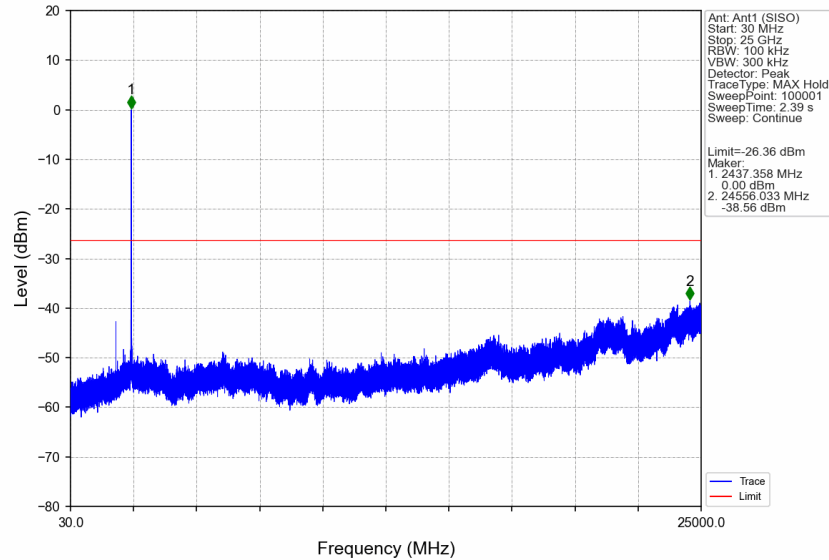
Compliance Certification Services (Kunshan) Inc.

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

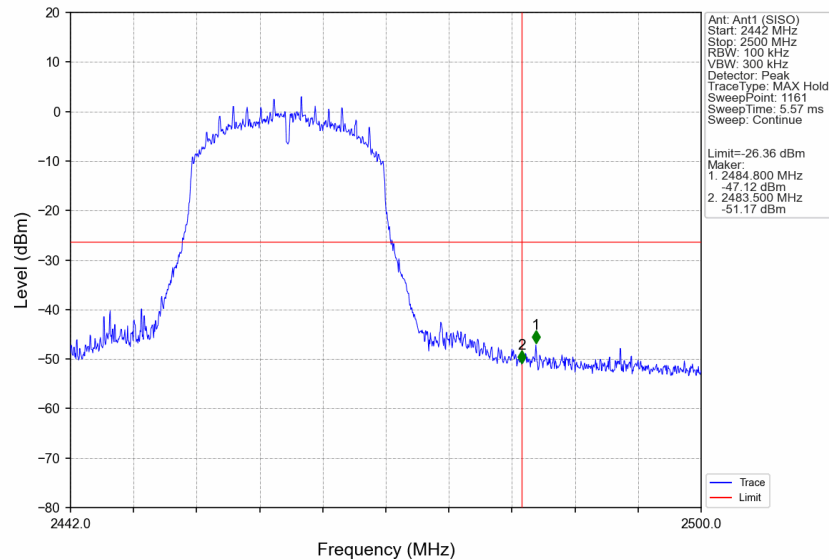
Report No.: KSCR240800151501

Page: 177 of 185

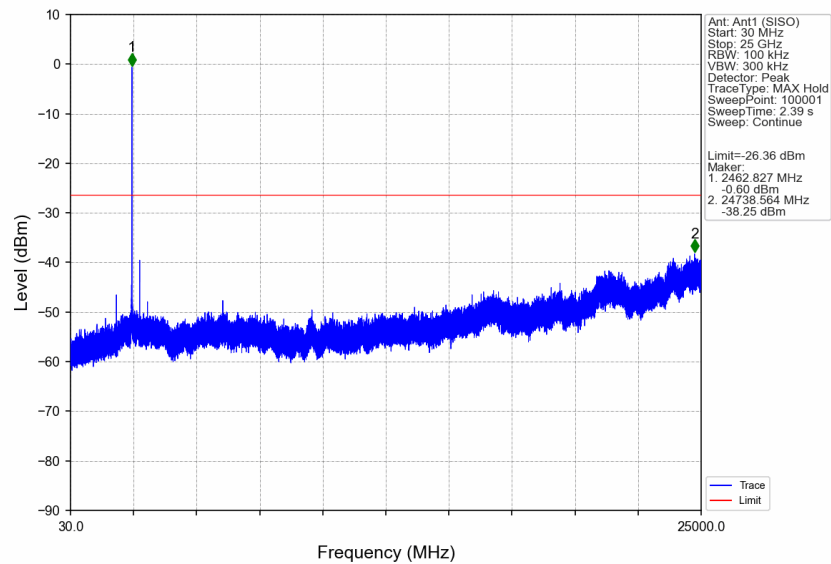
802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



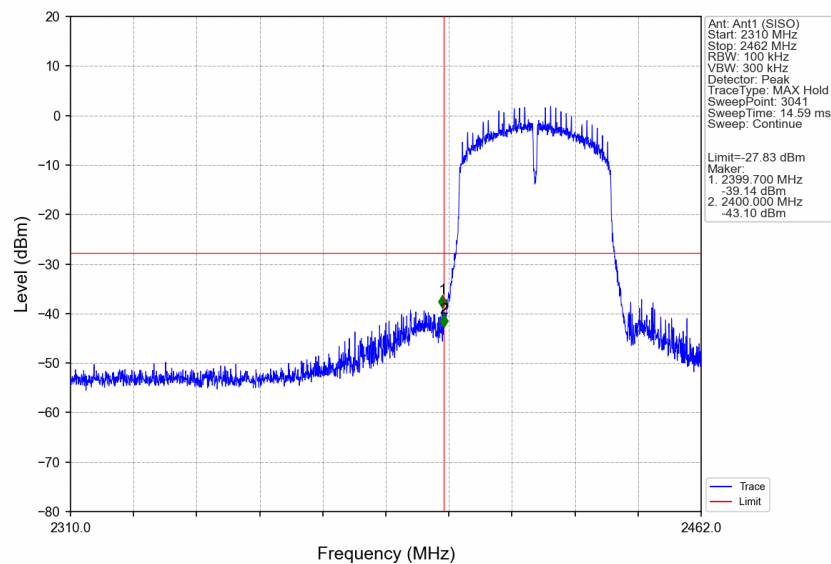
802.11n(HT20) HCH 2462MHz Ant1 (SISO) NTNV



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



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



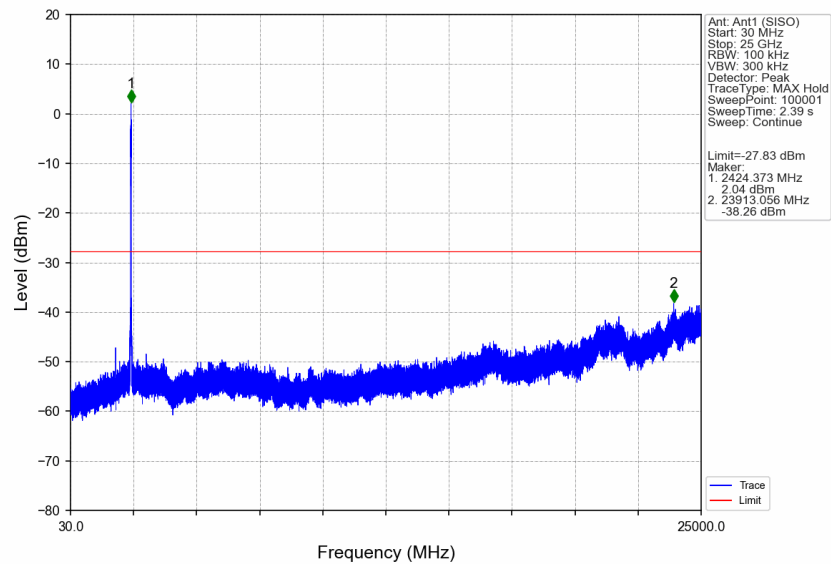
Compliance Certification Services (Kunshan) Inc.

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

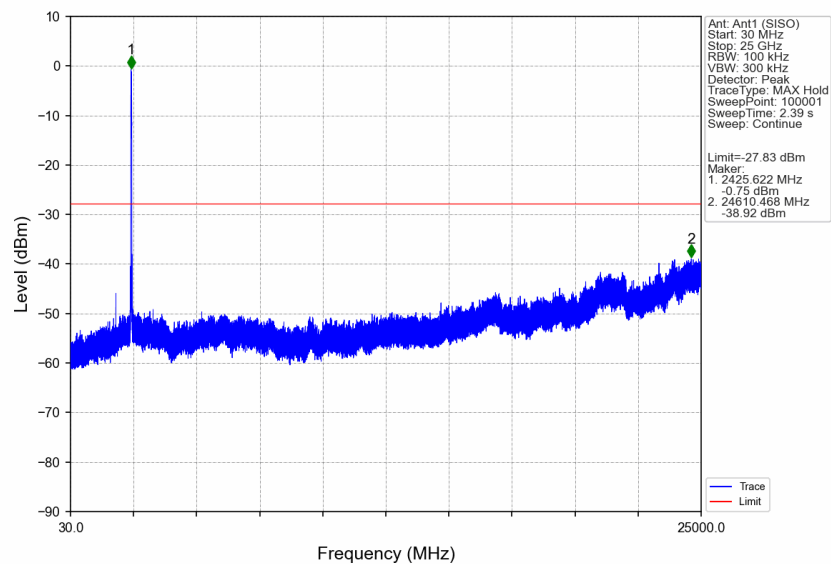
Report No.: KSCR240800151501

Page: 179 of 185

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



802.11n(HT40) MCH 2437MHz Ant1 (SISO) NTN



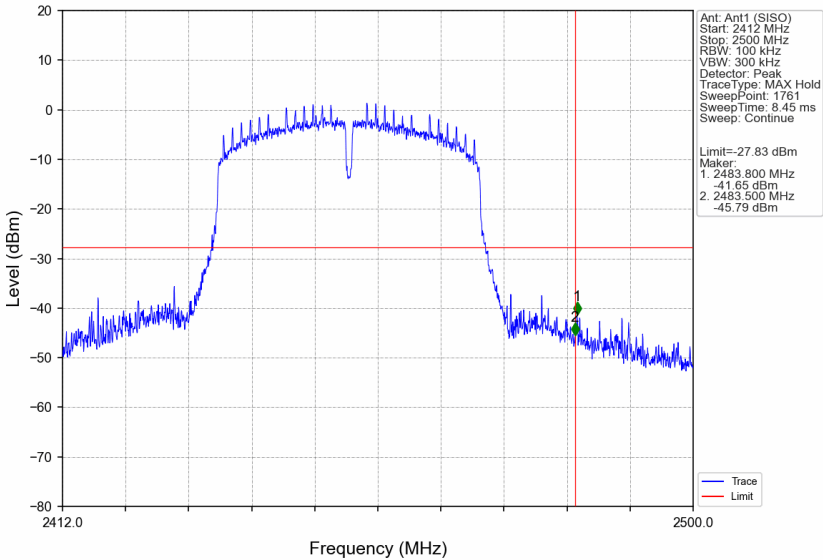
Compliance Certification Services (Kunshan) Inc.

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

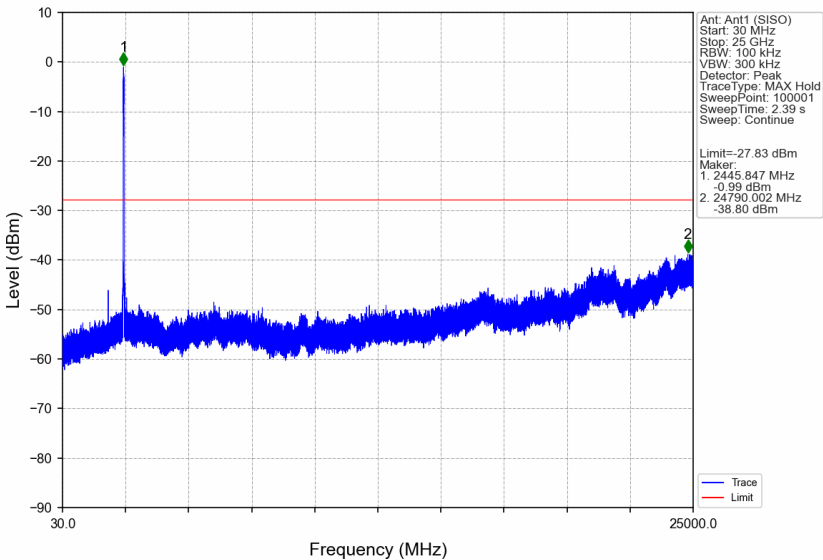
Report No.: KSCR240800151501

Page: 180 of 185

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



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



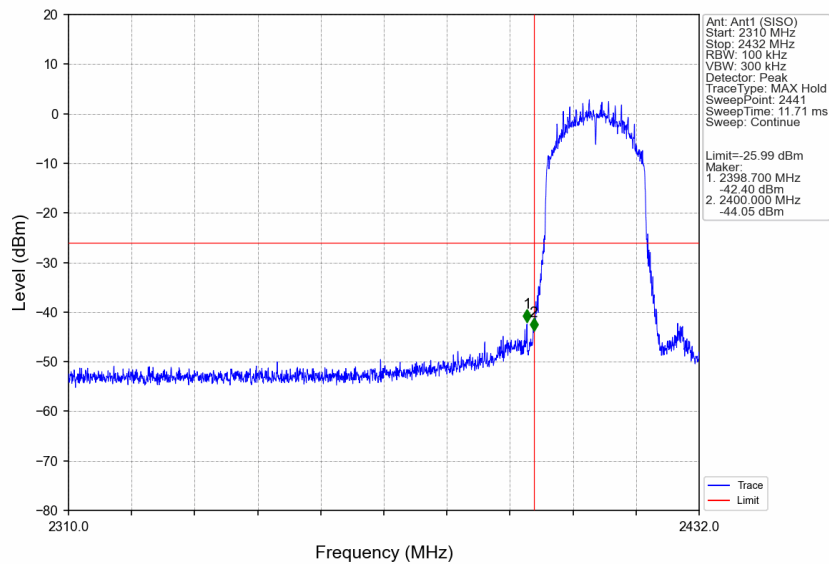
Compliance Certification Services (Kunshan) Inc.

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

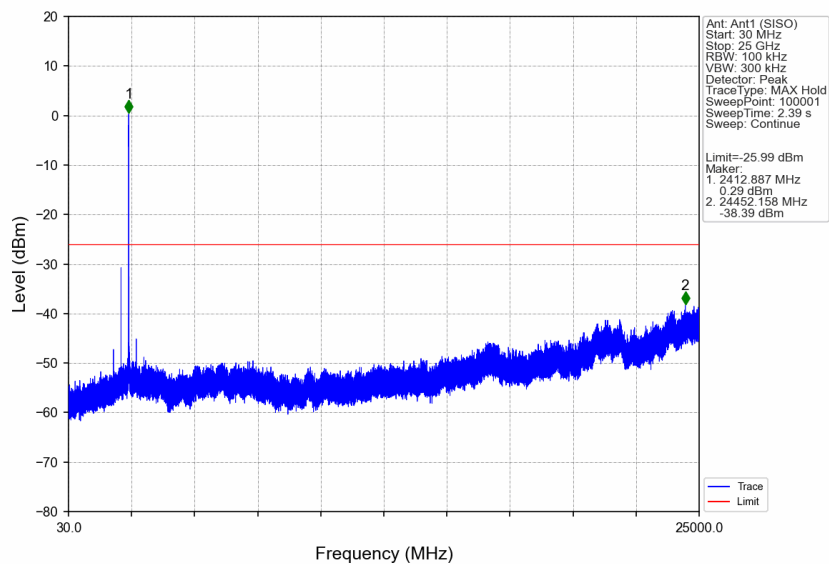
Report No.: KSCR240800151501

Page: 181 of 185

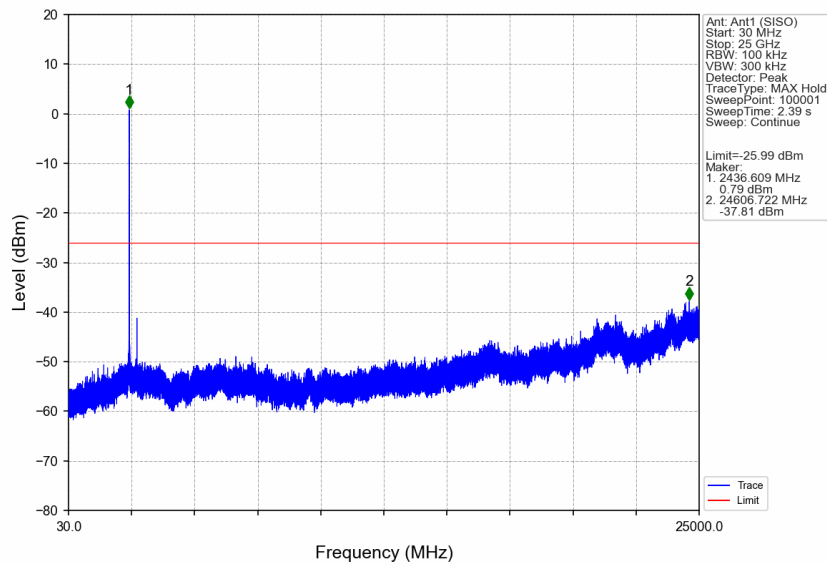
802.11ax(HEW20) LCH 2412MHz RU242 Left Ant1 (SISO) NTN



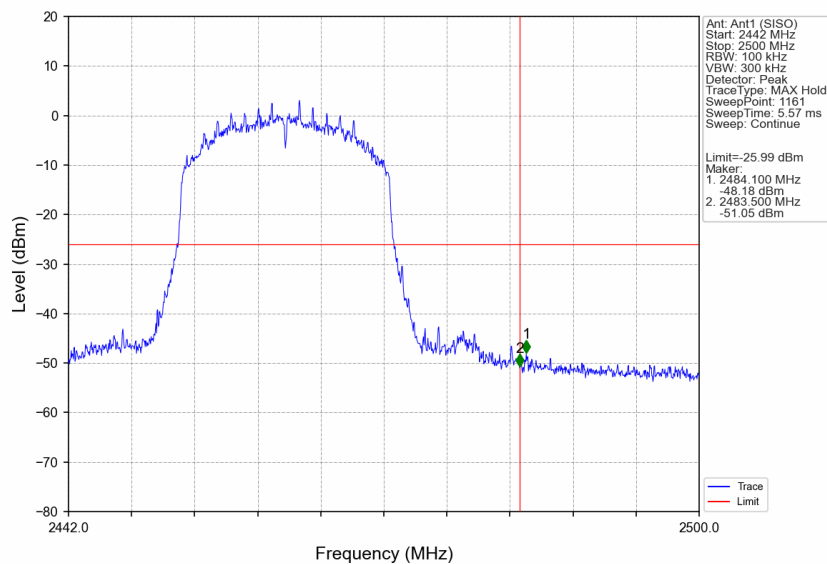
802.11ax(HEW20) LCH 2412MHz RU242 Left Ant1 (SISO) NTN



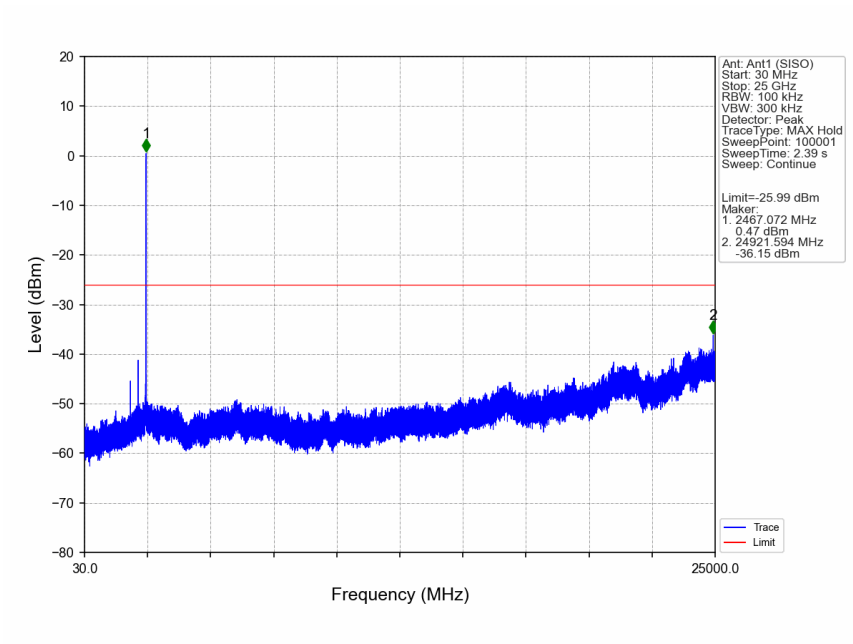
802.11ax(HEW20) MCH 2437MHz RU242 Left Ant1 (SISO) NTNv



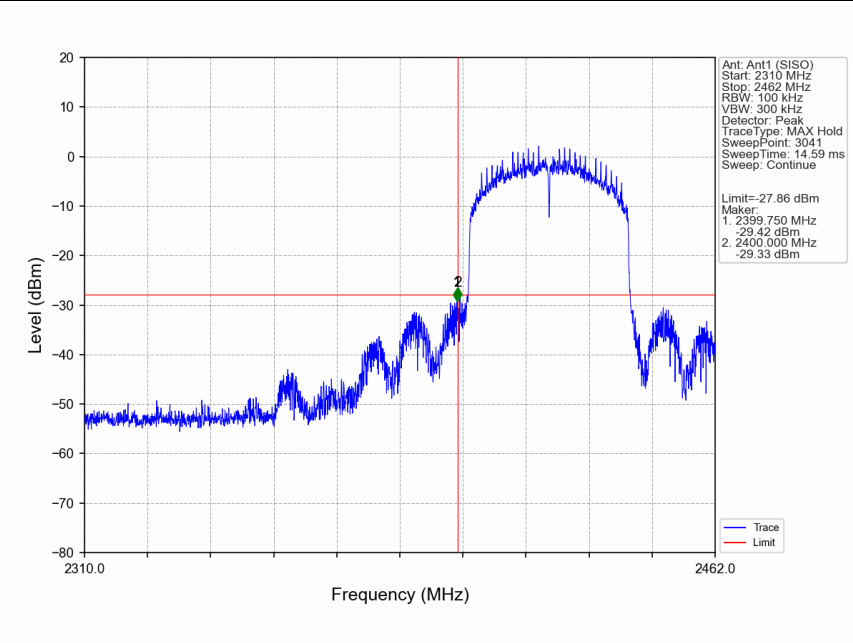
802.11ax(HEW20) HCH 2462MHz RU242 Left Ant1 (SISO) NTNv



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



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



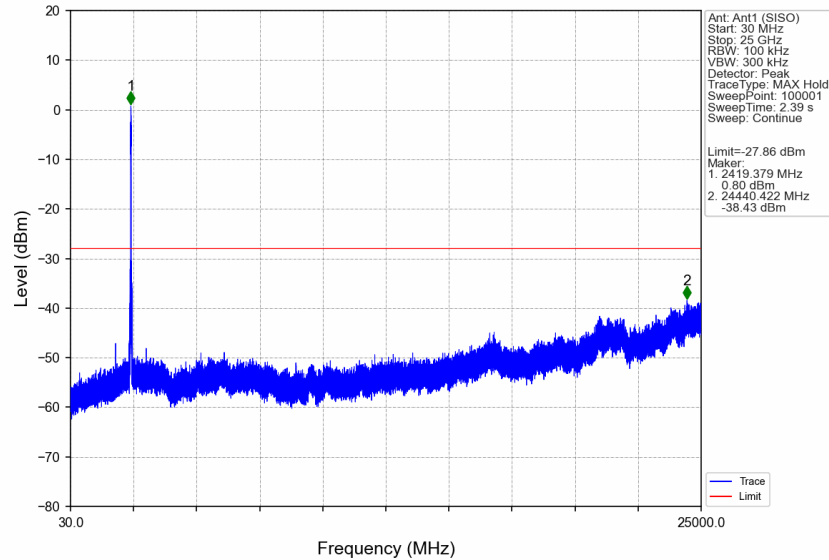
Compliance Certification Services (Kunshan) Inc.

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

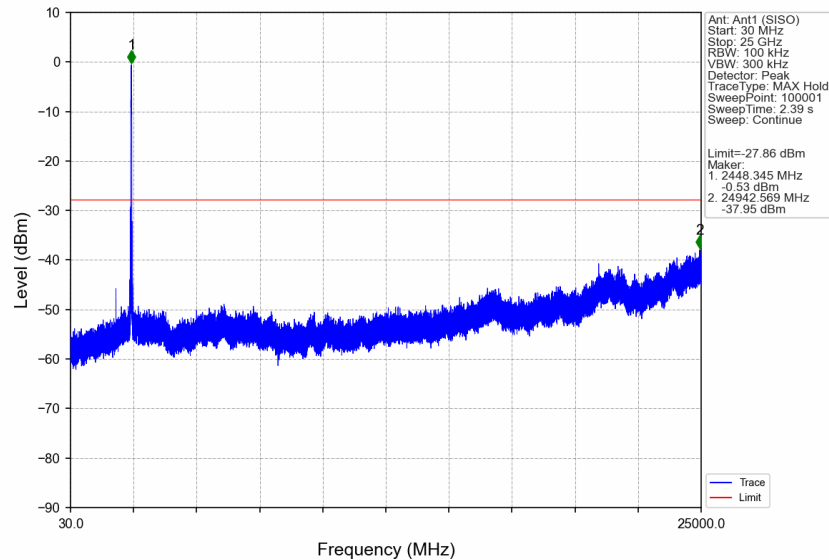
Report No.: KSCR240800151501

Page: 184 of 185

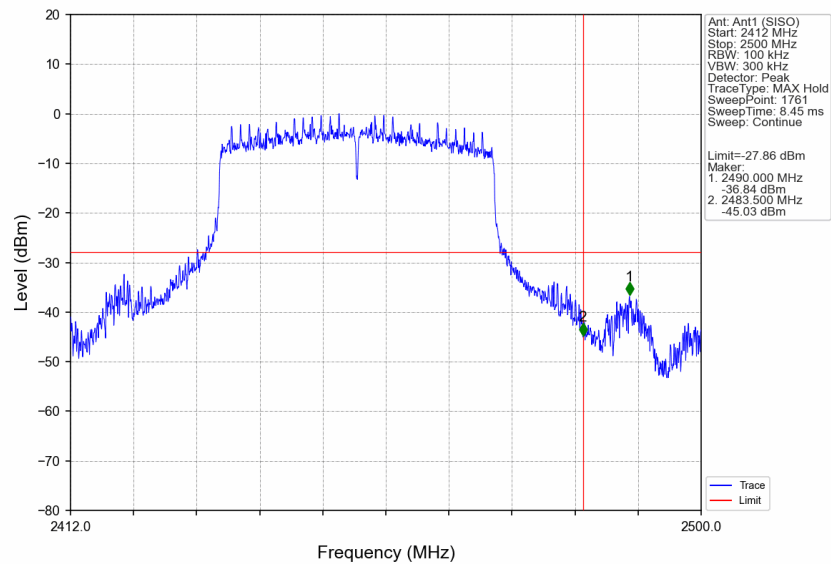
802.11ax(HEW40) LCH 2422MHz RU484 Left Ant1 (SISO) NTN



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



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



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

