

Product Name : Smart Glasses

Mode: WAI4

FCC ID : 2BVNZ -WAI4

1. Duty Cycle

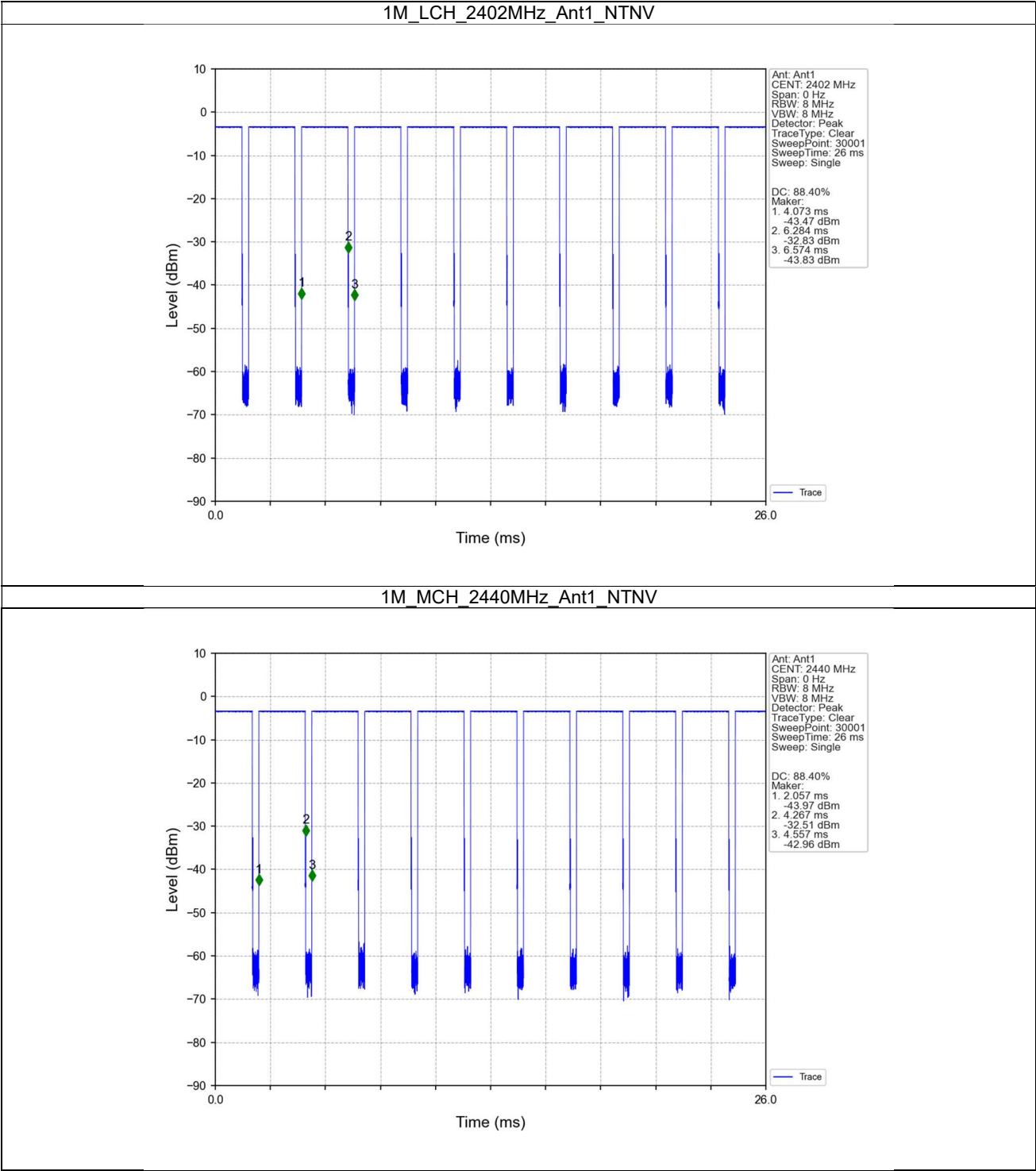
1.1 Test Result

1.1.1 Ant1

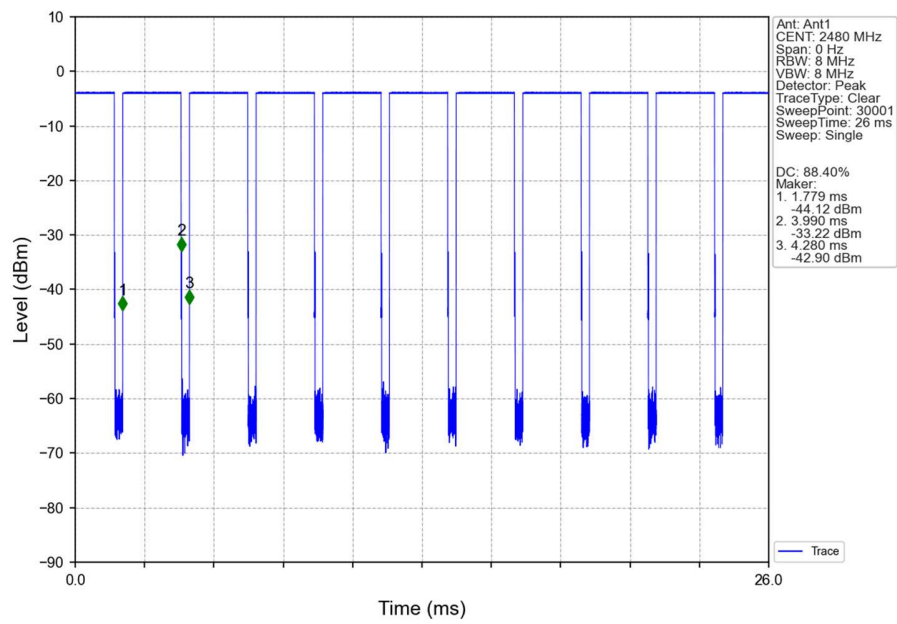
Ant1							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	2.211	2.501	88.40	0.54	0.03
		2440	2.210	2.500	88.40	0.54	0.03
		2480	2.211	2.501	88.40	0.54	0.03

1.2 Test Graph

1.2.1 Ant1



1M_HCH_2480MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

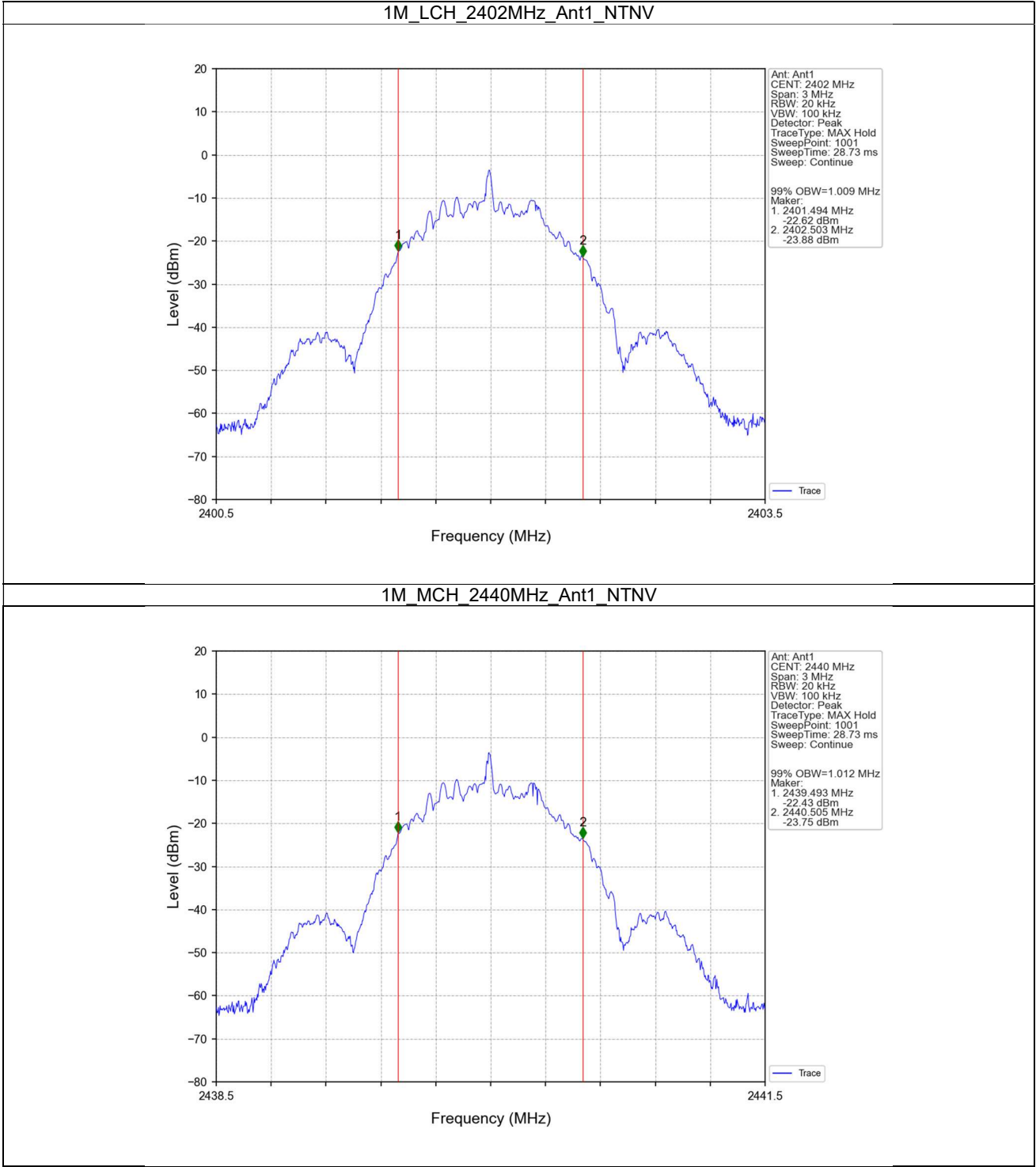
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	1.009	/	Pass
		2440	1	1.012	/	Pass
		2480	1	1.010	/	Pass

2.1.2 6dB BW

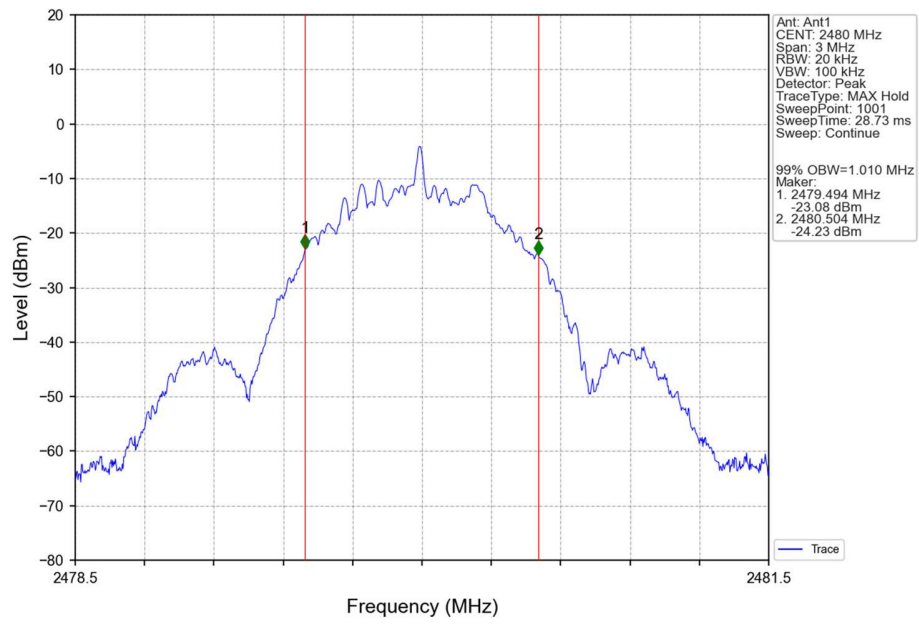
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.657	>=0.5	Pass
		2440	1	0.665	>=0.5	Pass
		2480	1	0.664	>=0.5	Pass

2.2 Test Graph

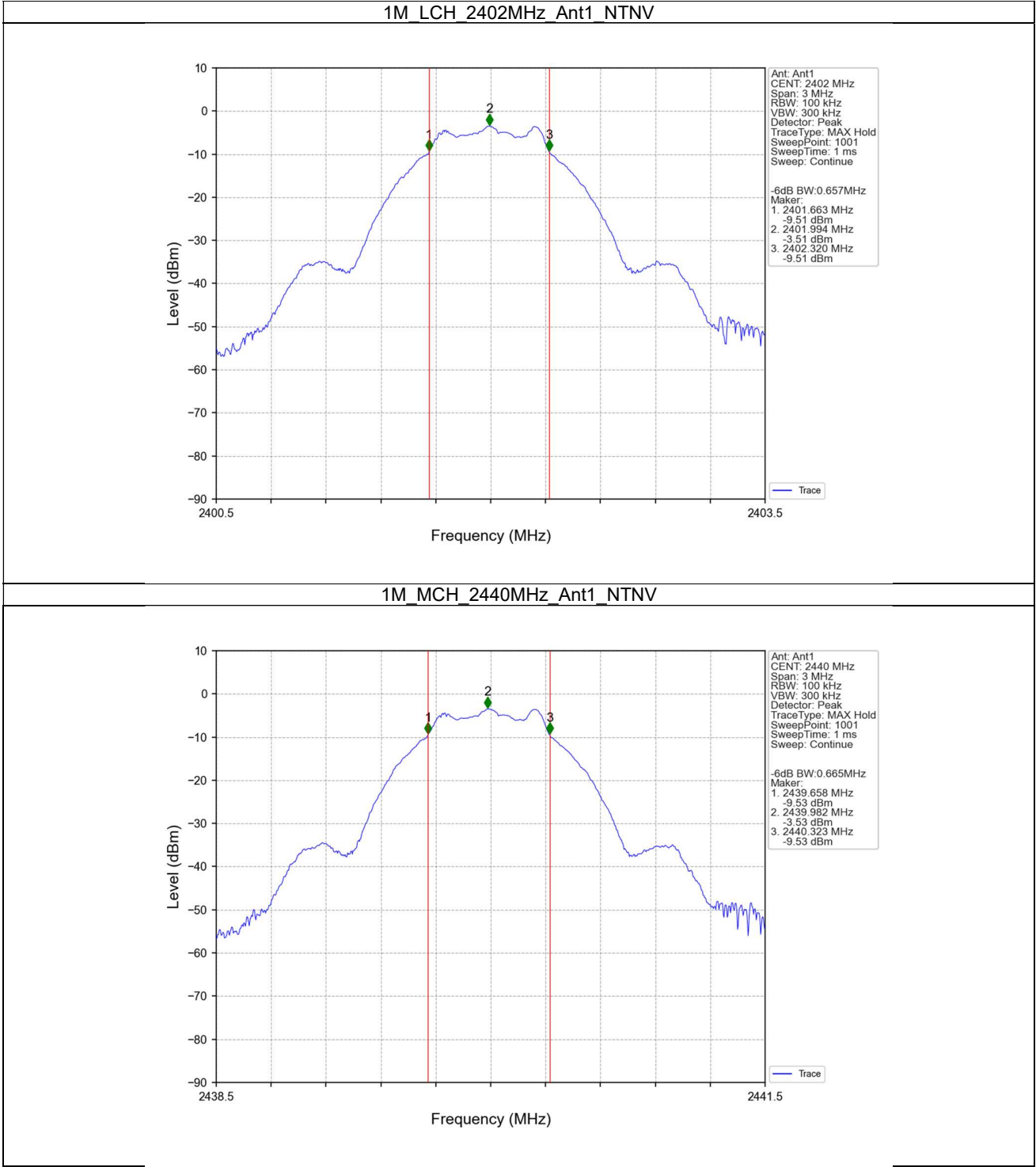
2.2.1 OBW



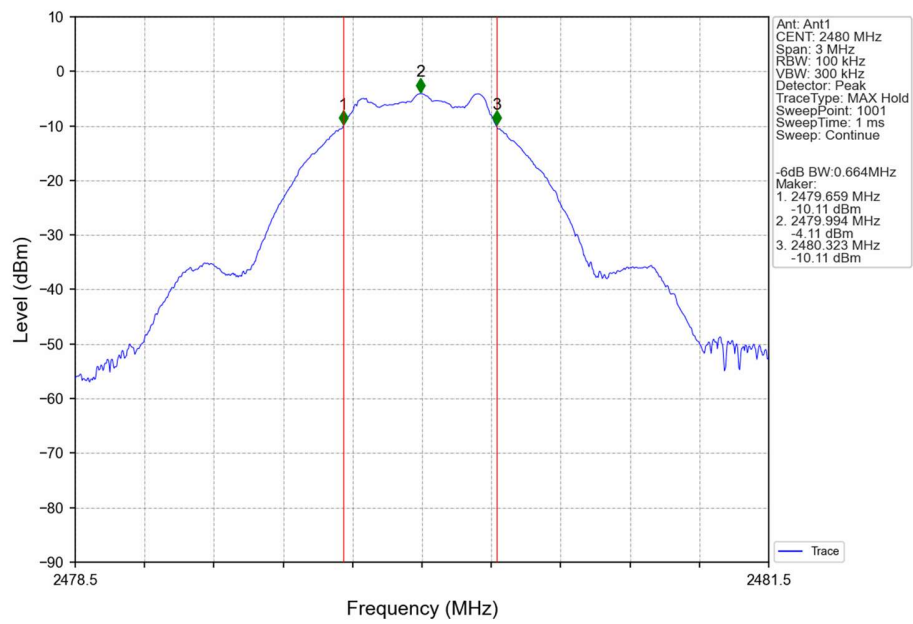
1M HCH 2480MHz Ant1 NTN



2.2.2 6dB BW



1M HCH 2480MHz Ant1 NTN



3. Maximum Conducted Output Power

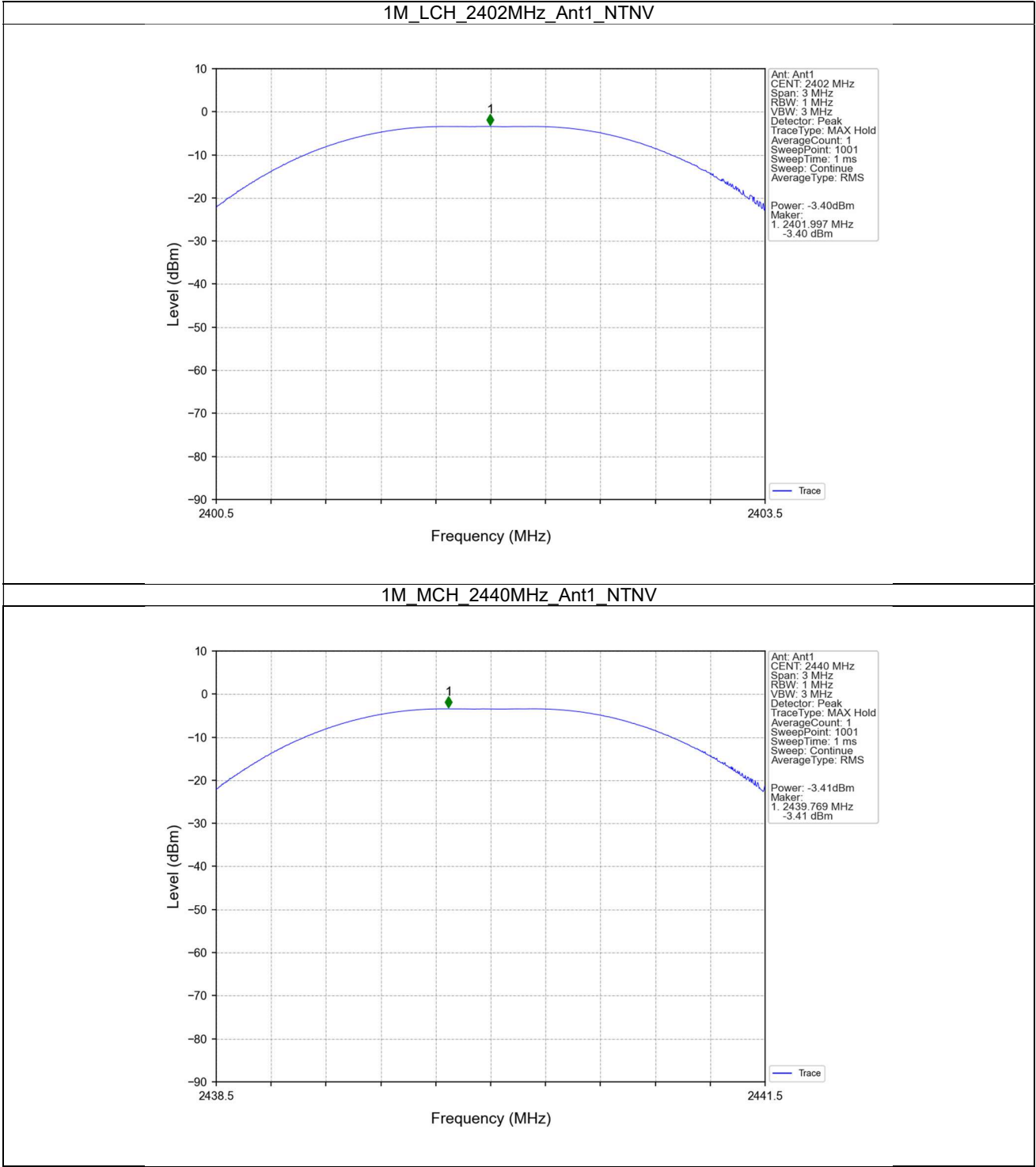
3.1 Test Result

3.1.1 Power

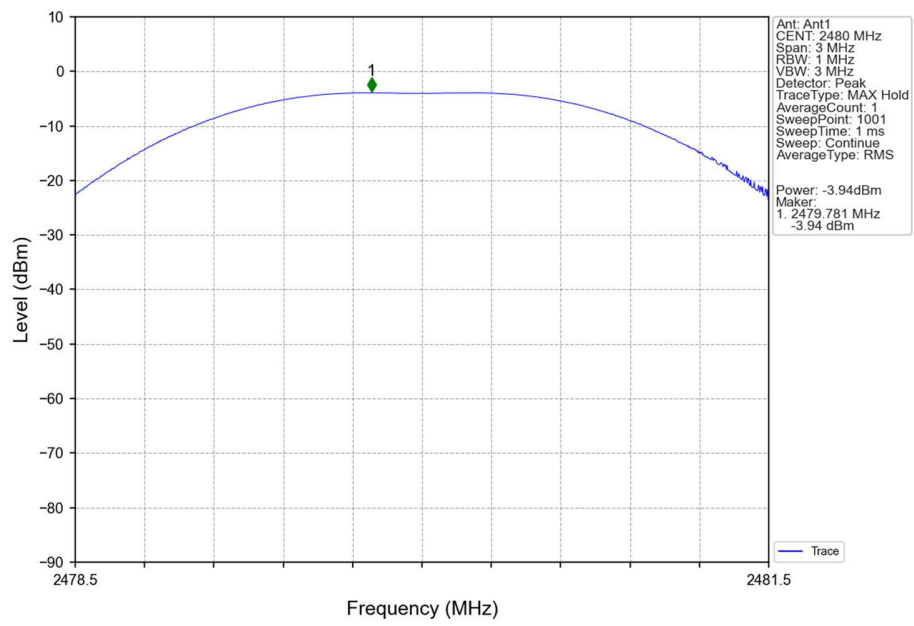
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-3.40	<=30	Pass
		2440	-3.41	<=30	Pass
		2480	-3.94	<=30	Pass
Note1: Antenna Gain: Ant1: 2.6.dBi;					

3.2 Test Graph

3.2.1 Power



1M HCH 2480MHz Ant1 NTN



4. Maximum Power Spectral Density

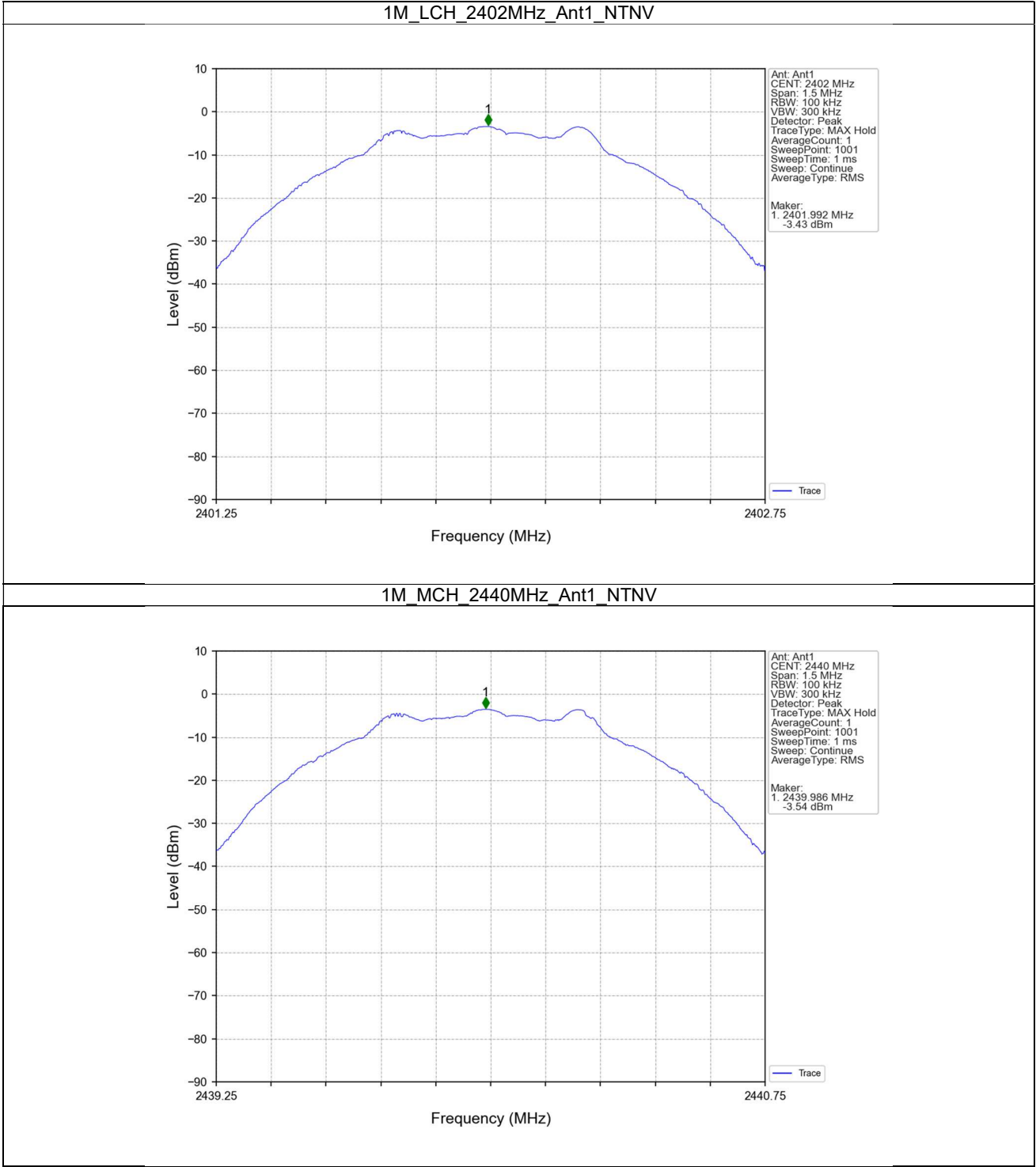
4.1 Test Result

4.1.1 PSD

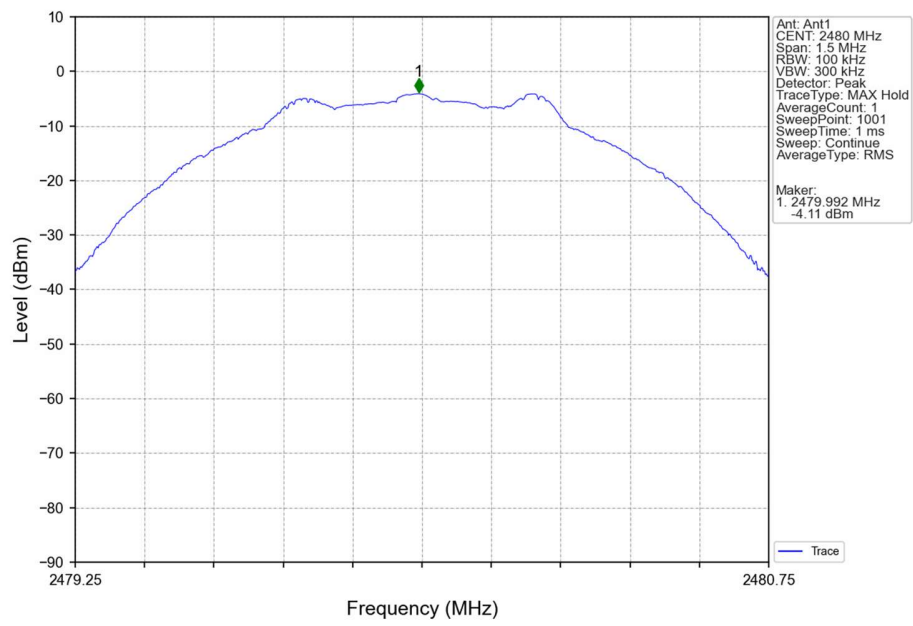
Mode	TX Type	Frequency (MHz)	Maximum PSD		Verdict
			ANT1 (dBm/100KHz)	Limit (dBm/3KHz)	
1M	SISO	2402	-3.43	<=8	Pass
		2440	-3.54	<=8	Pass
		2480	-4.11	<=8	Pass
Note1: Antenna Gain: Ant1: 2.6dBi;					

4.2 Test Graph

4.2.1 PSD



1M HCH 2480MHz Ant1 NTN



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

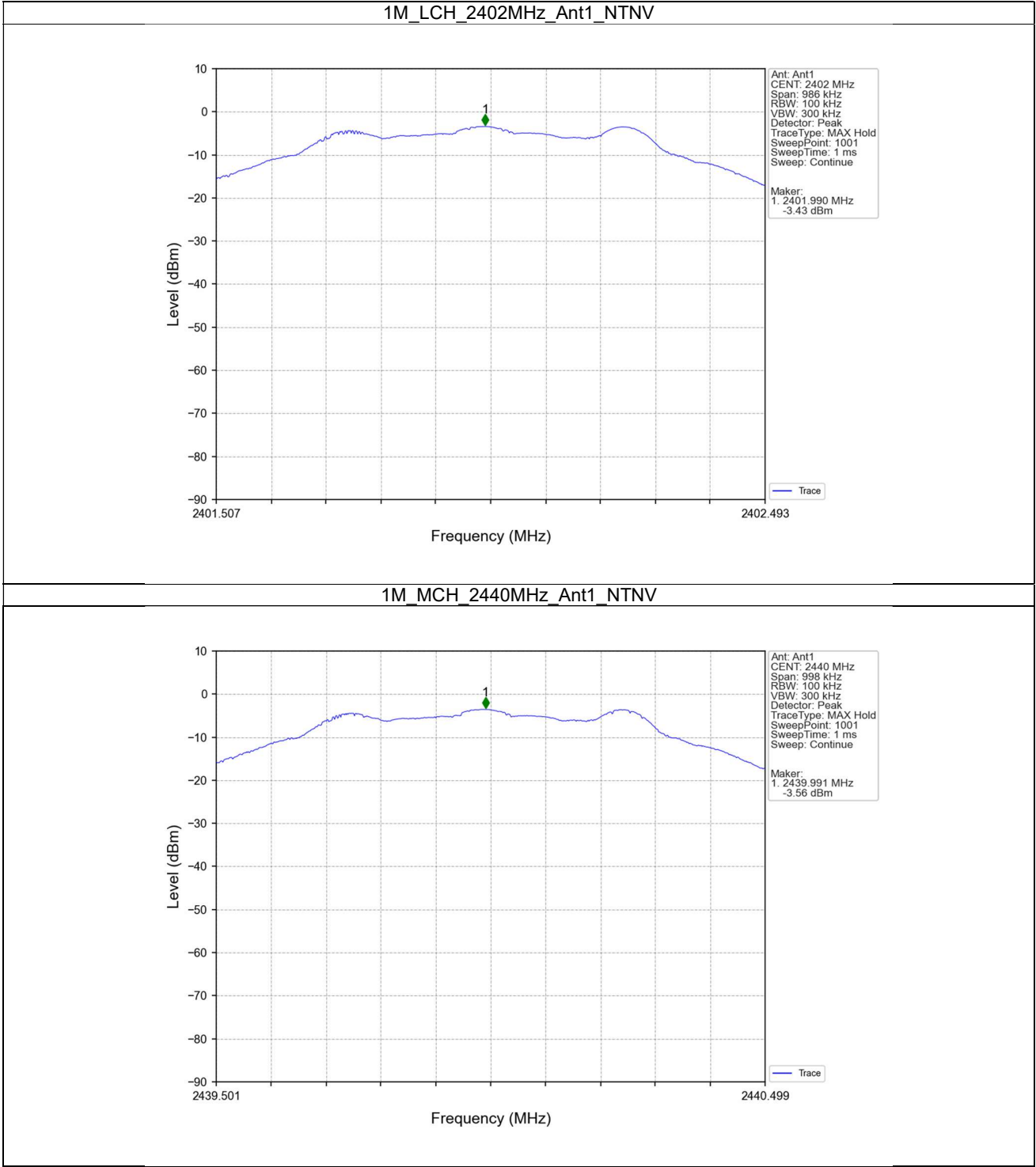
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-3.43
		2440	1	-3.56
		2480	1	-4.12

5.1.2 CSE

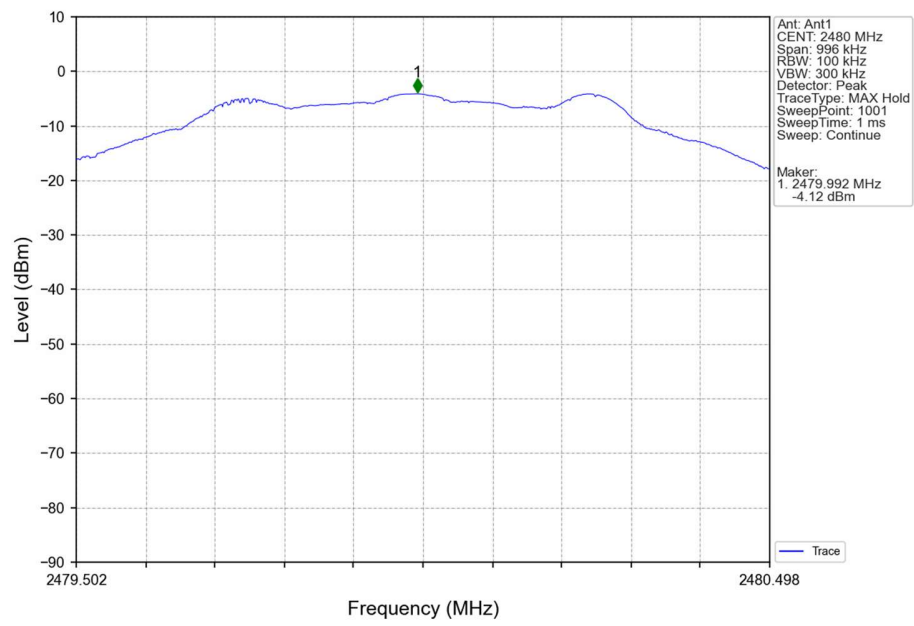
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-3.43	-23.43	Pass
		2440	1	-3.56	-23.56	Pass
		2480	1	-4.12	-24.12	Pass

5.2 Test Graph

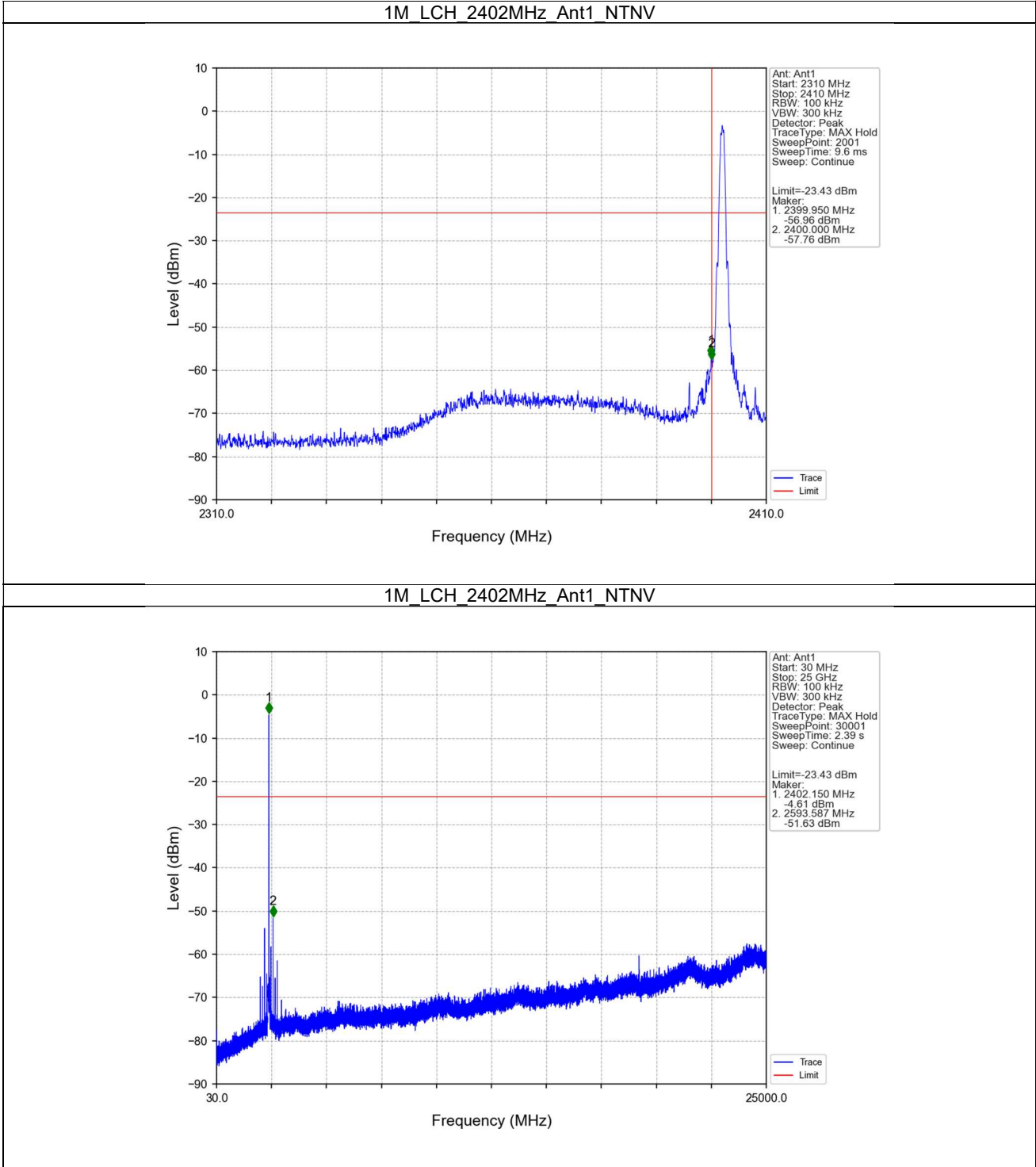
5.2.1 Ref



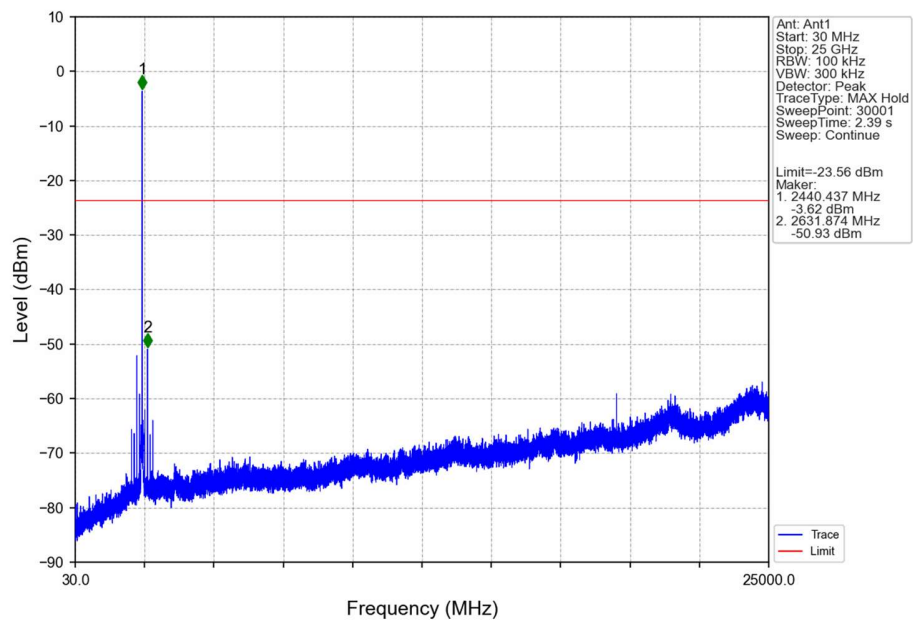
1M HCH 2480MHz Ant1 NTN



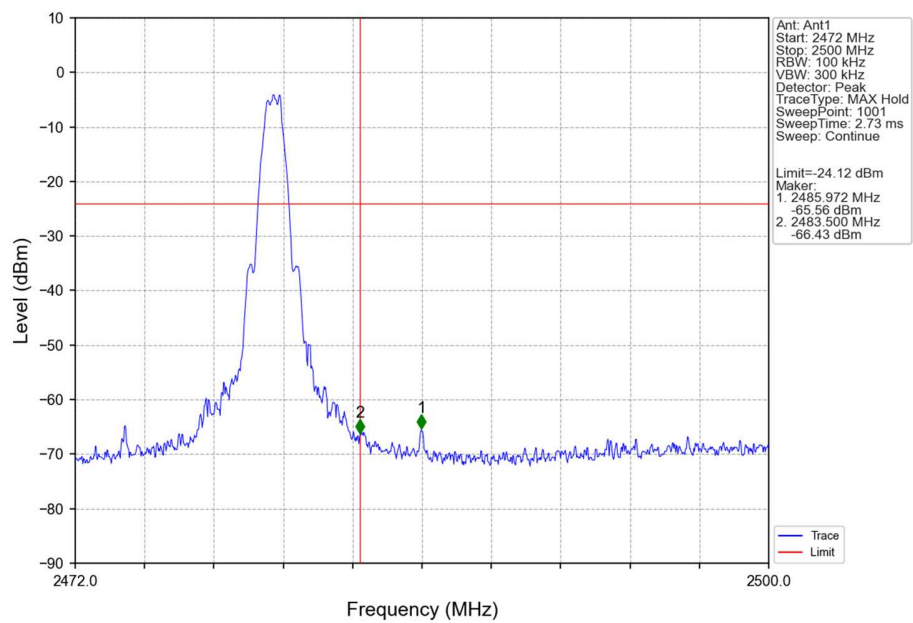
5.2.2 CSE



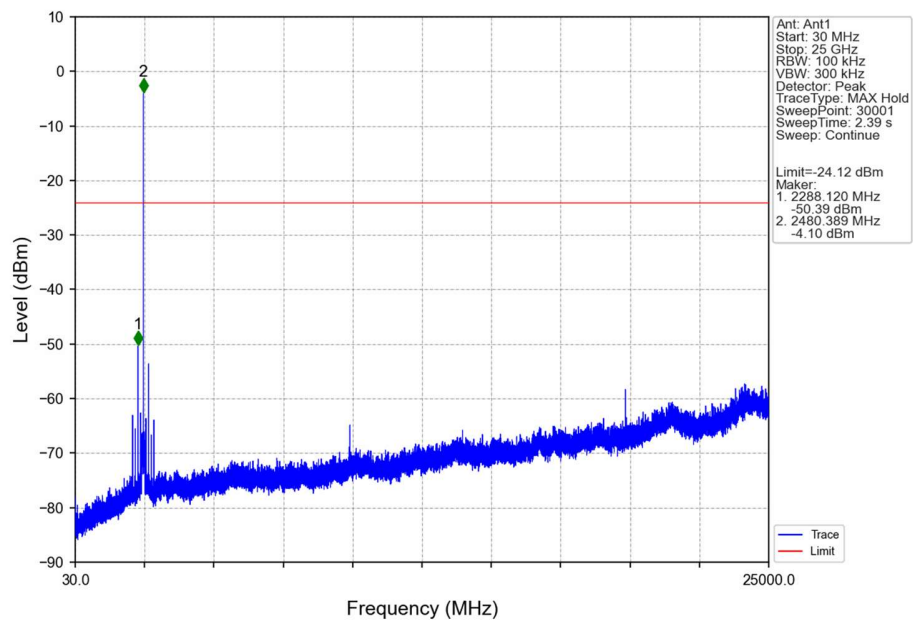
1M MCH 2440MHz Ant1 NTN



1M HCH 2480MHz Ant1 NTN



1M_HCH_2480MHz_Ant1_NTNV



6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0005	-3.40