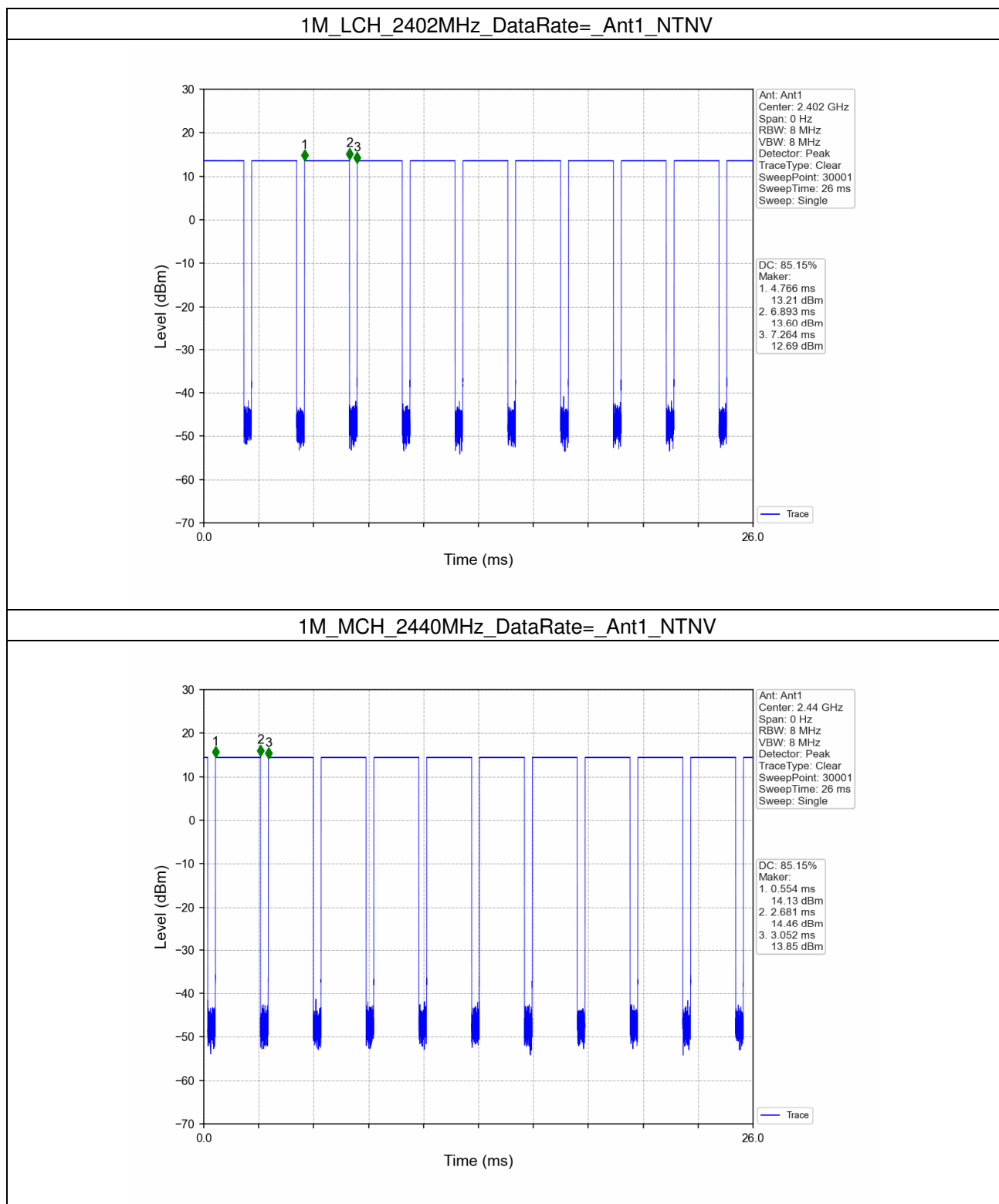
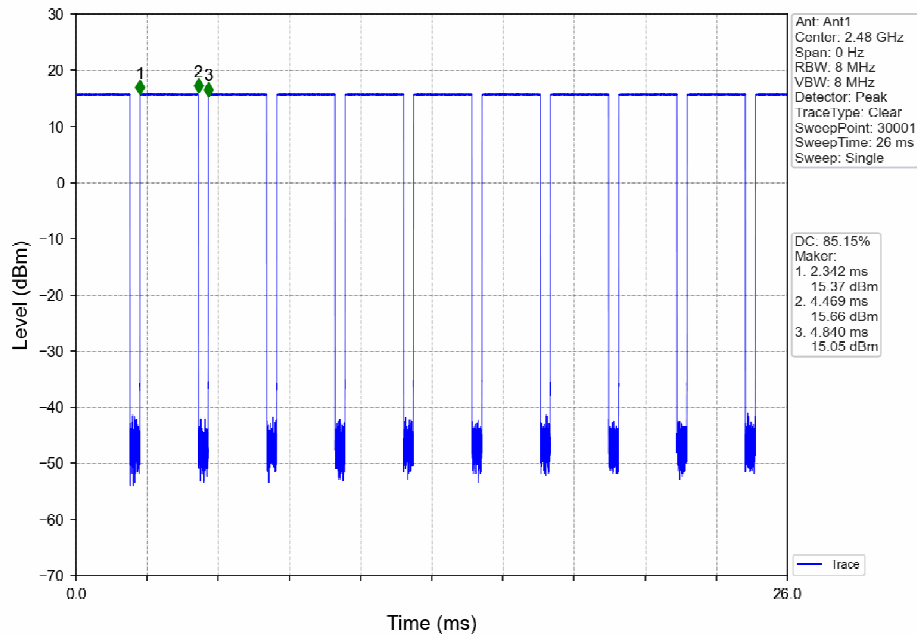


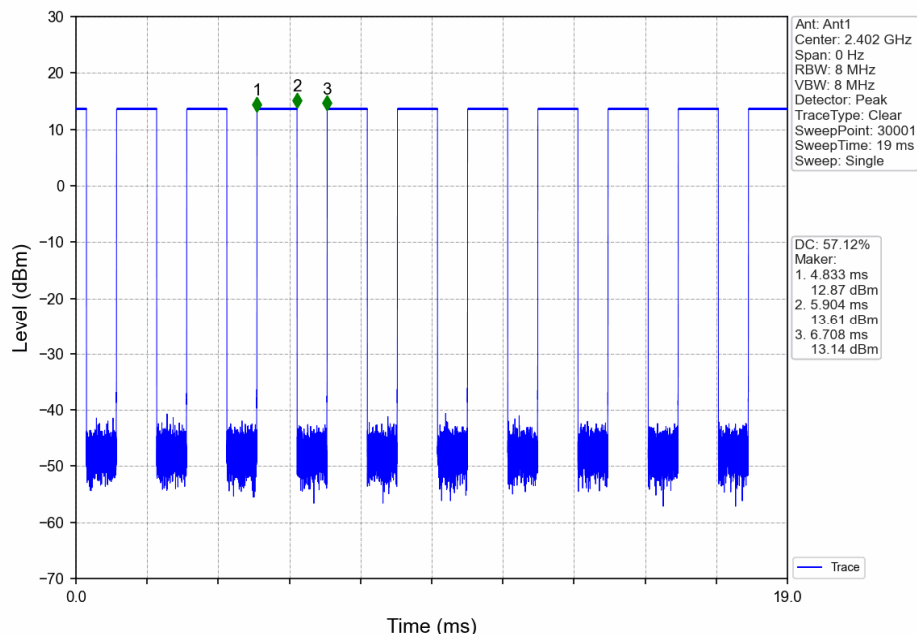
1.1.2 Test Graph



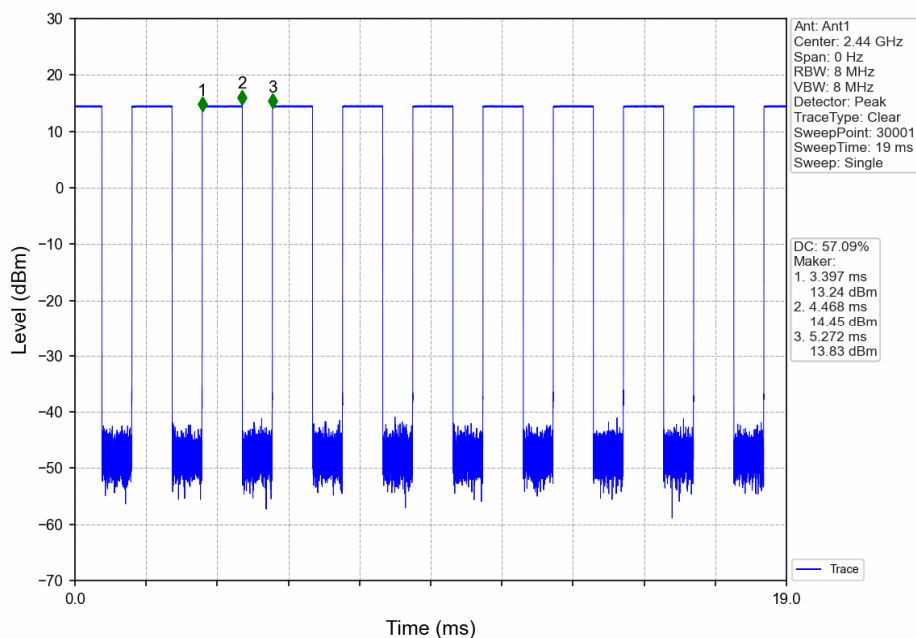
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



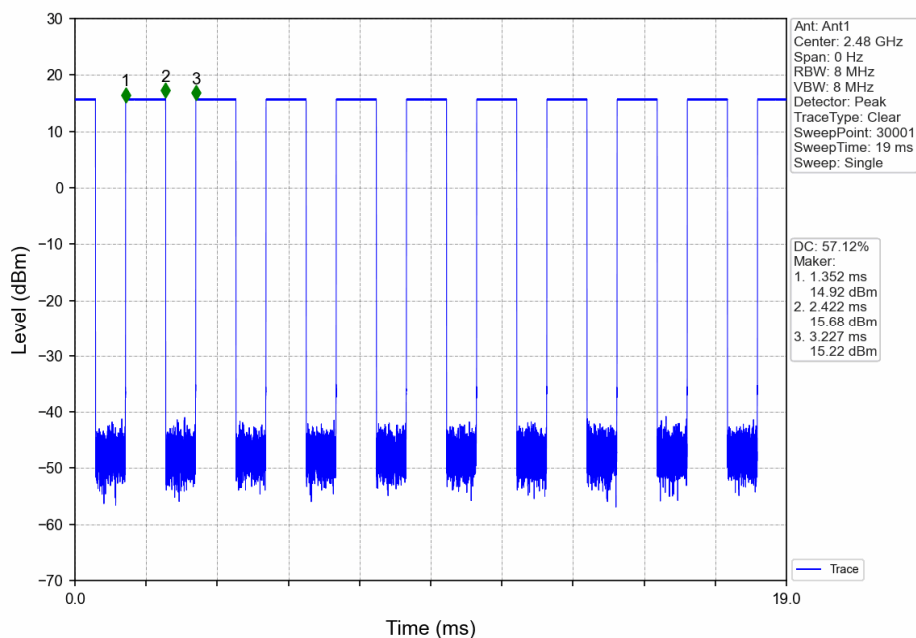
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



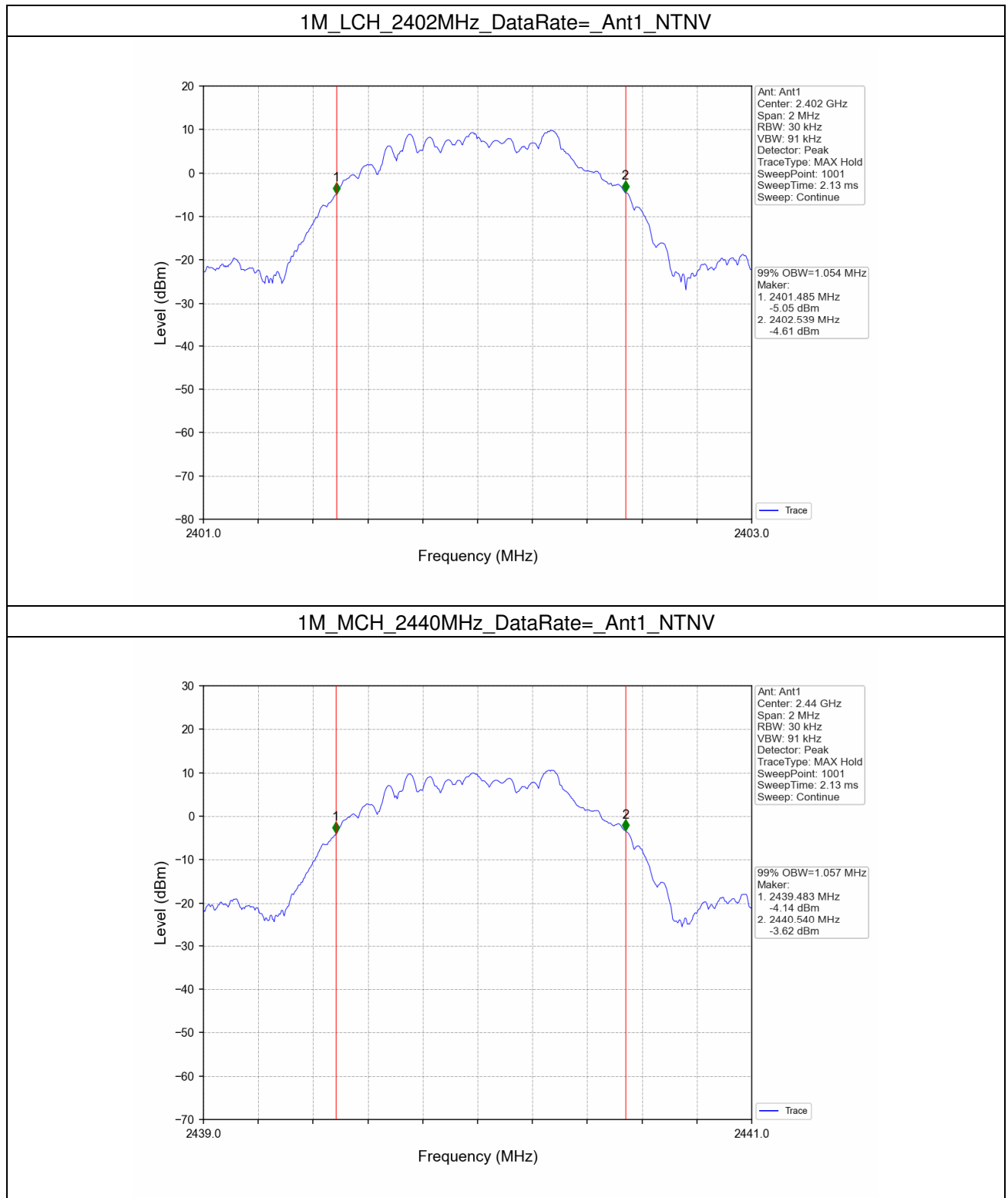
2. Bandwidth

2.1 OBW

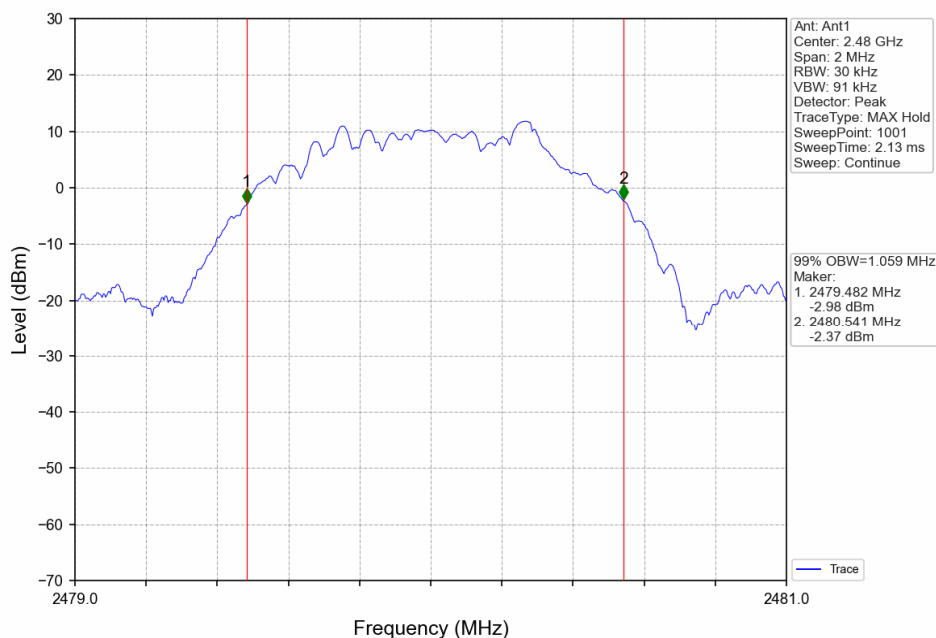
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.054	Pass
		2440	1	1.057	Pass
		2480	1	1.059	Pass
2M	SISO	2402	1	2.058	Pass
		2440	1	2.060	Pass
		2480	1	2.066	Pass

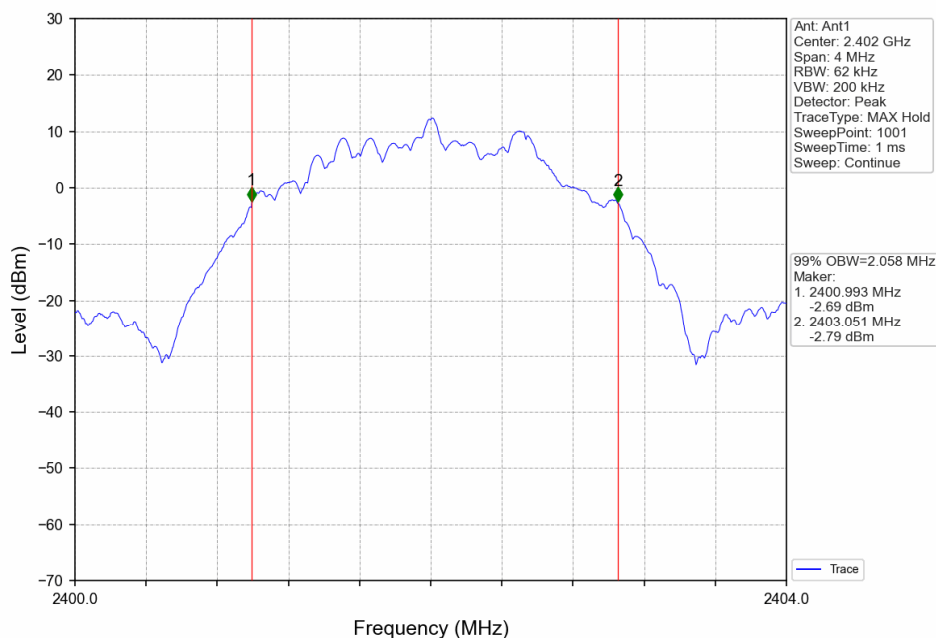
2.1.2 Test Graph



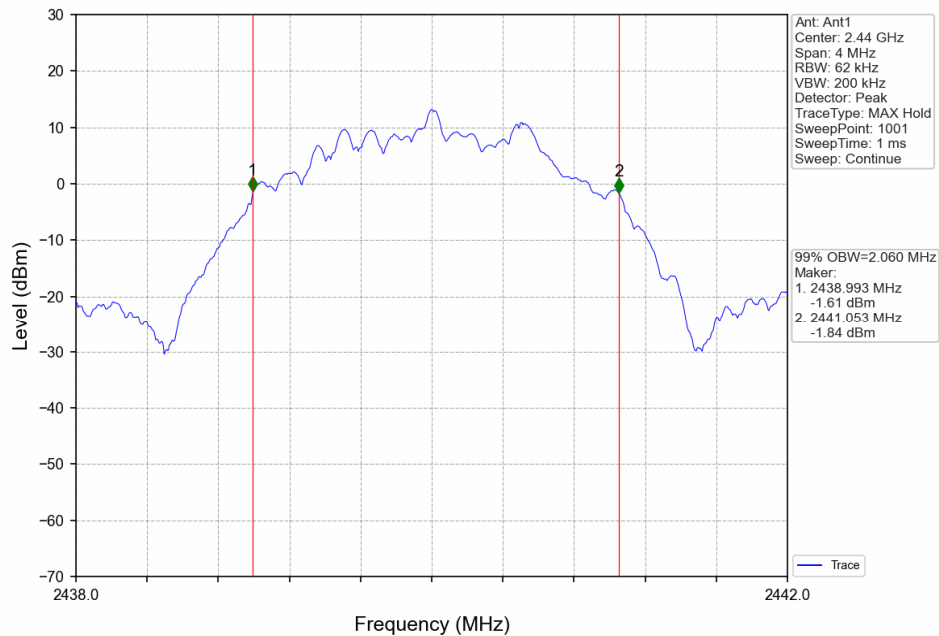
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



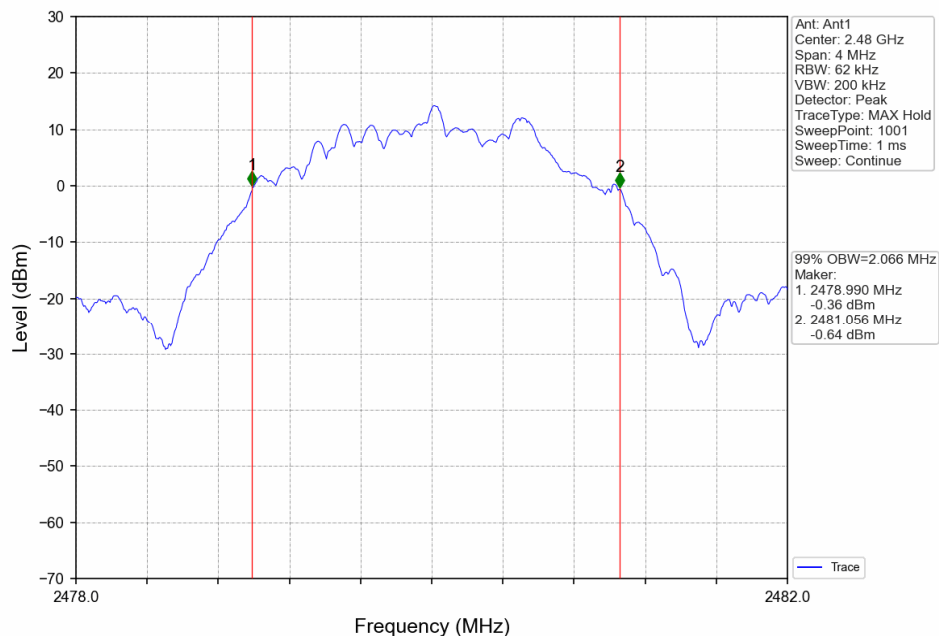
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV

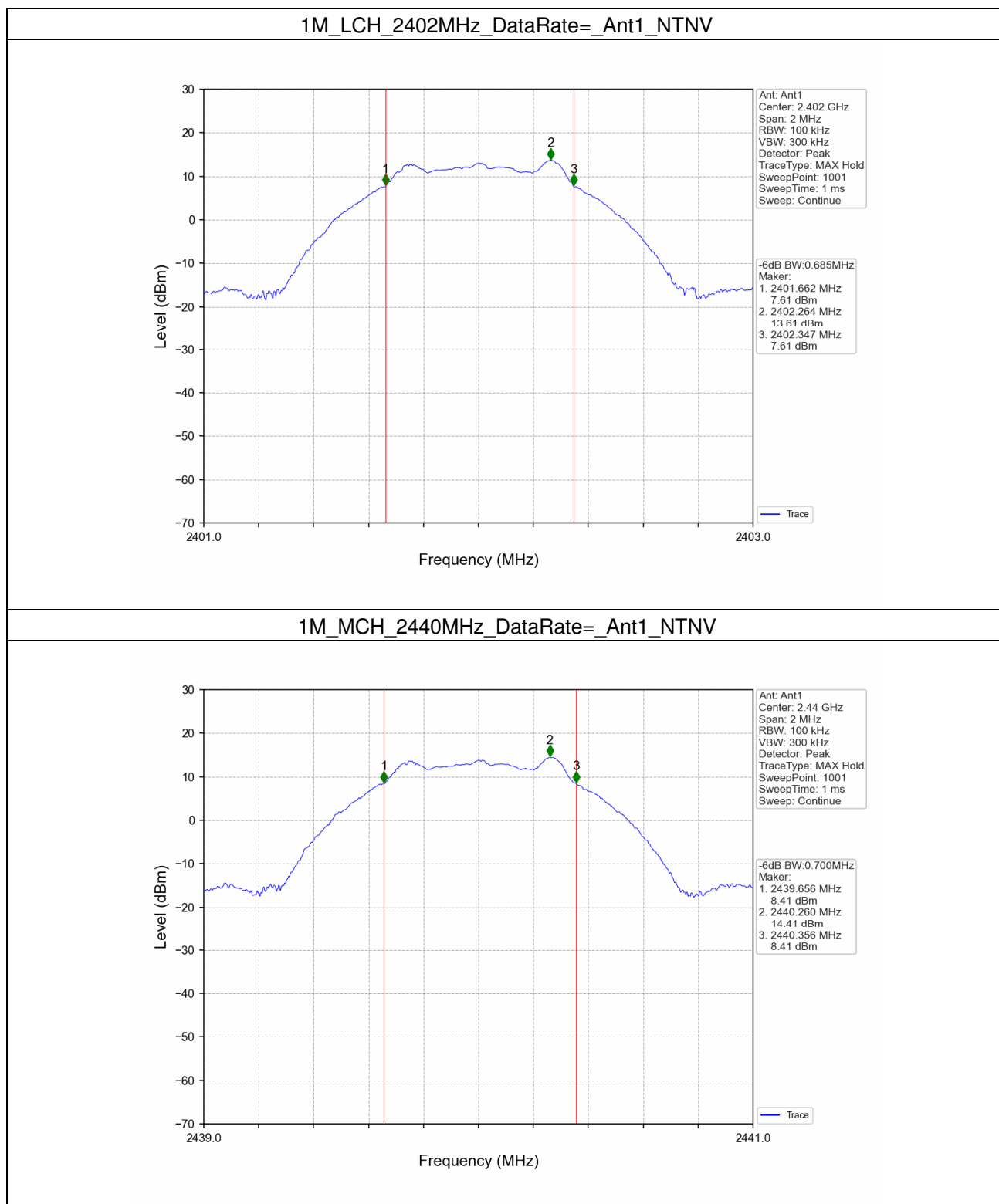


2.2 6dB BW

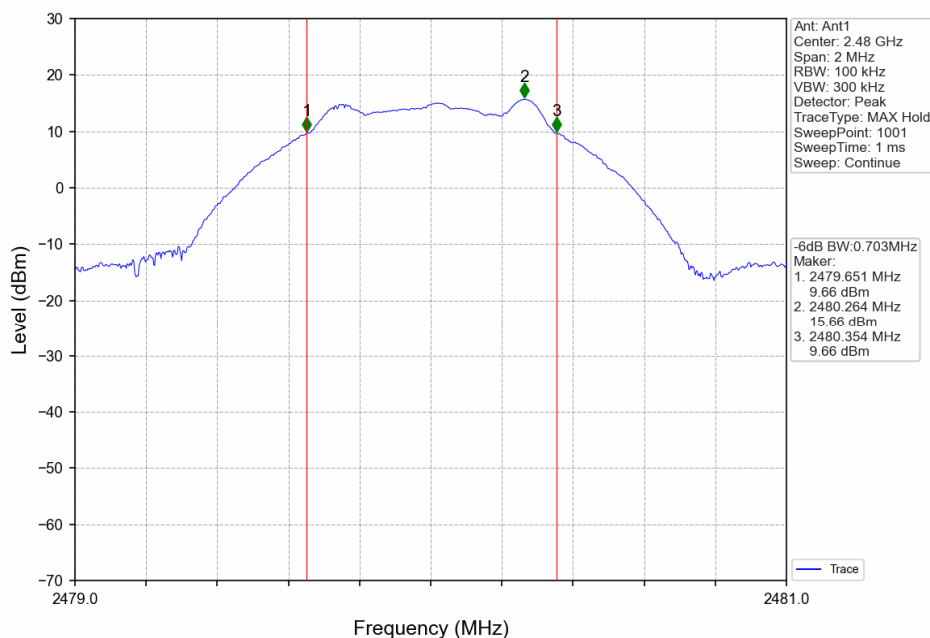
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.685	≥ 0.5	Pass
		2440	1	0.700	≥ 0.5	Pass
		2480	1	0.703	≥ 0.5	Pass
2M	SISO	2402	1	1.173	≥ 0.5	Pass
		2440	1	1.178	≥ 0.5	Pass
		2480	1	1.174	≥ 0.5	Pass

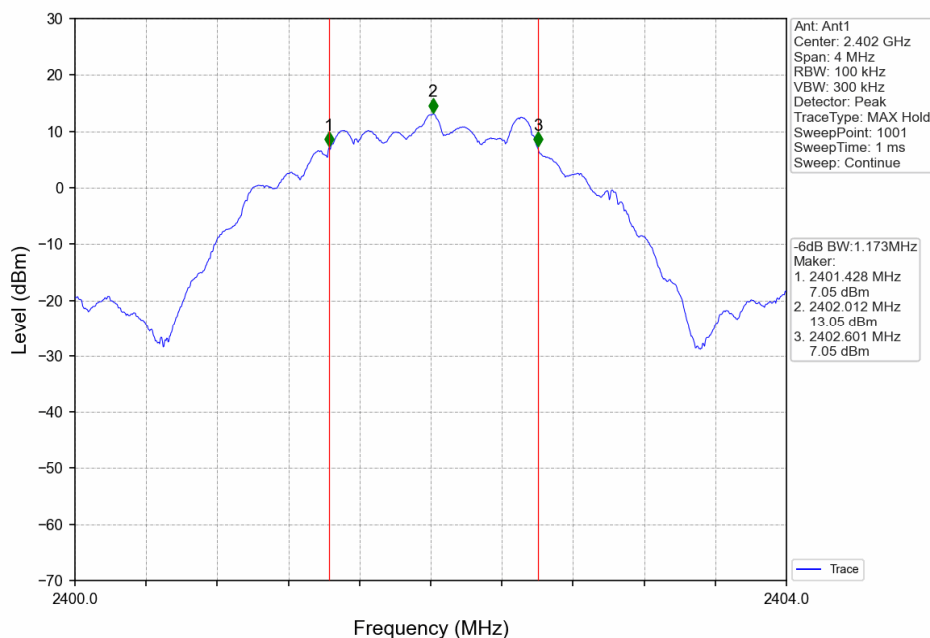
2.2.2 Test Graph



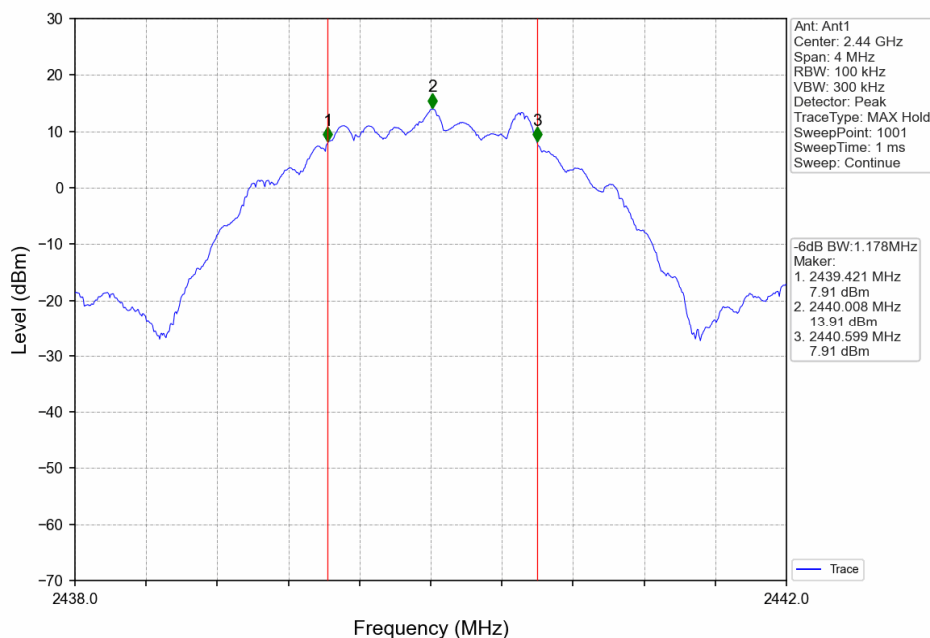
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



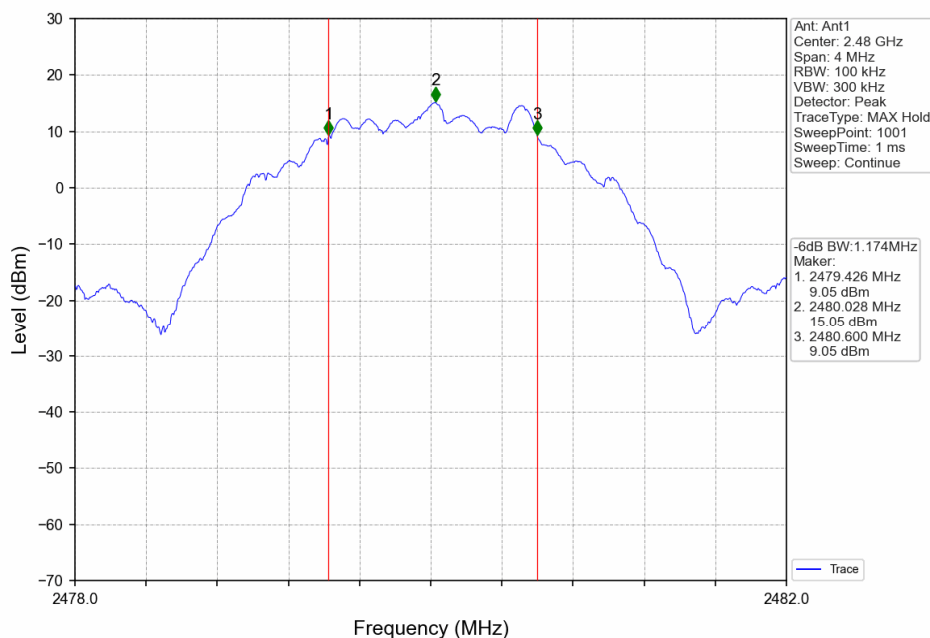
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
1M	SISO	2402	14.25	<=30	Pass
		2440	14.43	<=30	Pass
		2480	15.65	<=30	Pass
2M	SISO	2402	14.11	<=30	Pass
		2440	14.43	<=30	Pass
		2480	15.67	<=30	Pass

3.2 EIRP

3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)		Verdict
			Ant1	Limit	
1M	SISO	2402	11.25	<=36.02	Pass
		2440	11.43	<=36.02	Pass
		2480	12.65	<=36.02	Pass
2M	SISO	2402	11.11	<=36.02	Pass
		2440	11.43	<=36.02	Pass
		2480	12.67	<=36.02	Pass

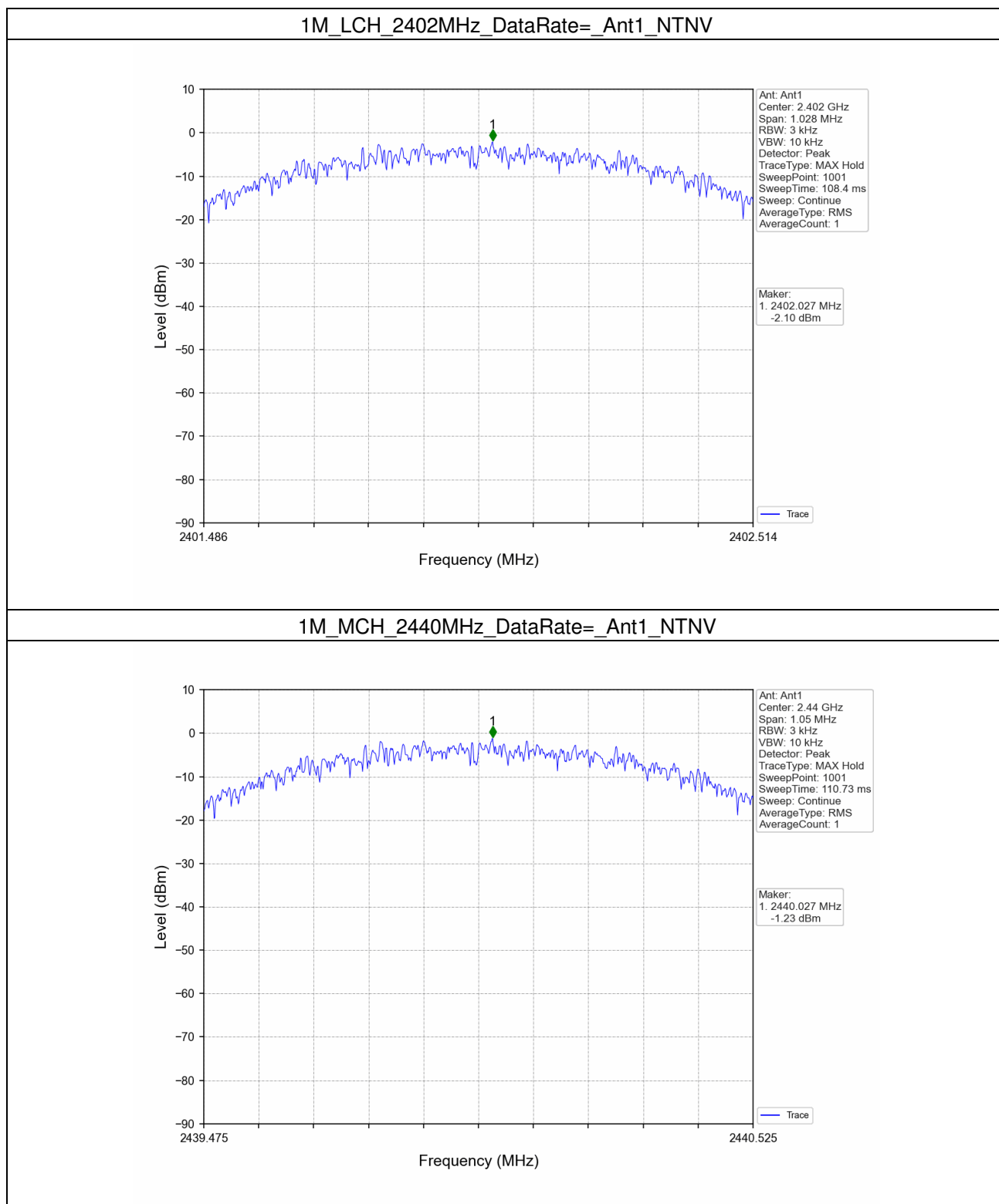
4. Maximum Power Spectral Density

4.1 PSD

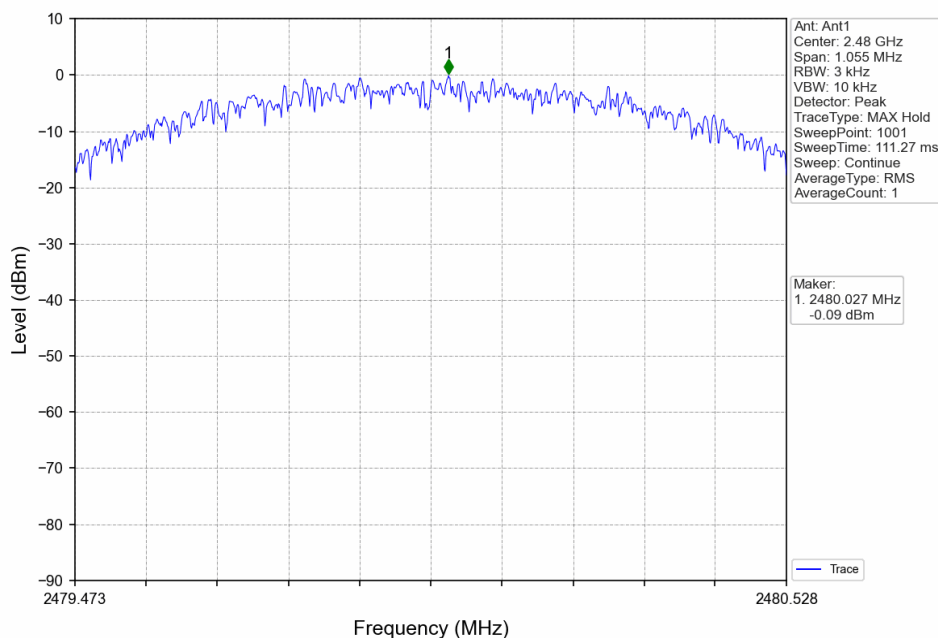
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
1M	SISO	2402	-2.10	<=8	Pass
		2440	-1.23	<=8	Pass
		2480	-0.09	<=8	Pass
2M	SISO	2402	-4.73	<=8	Pass
		2440	-4.96	<=8	Pass
		2480	-3.70	<=8	Pass

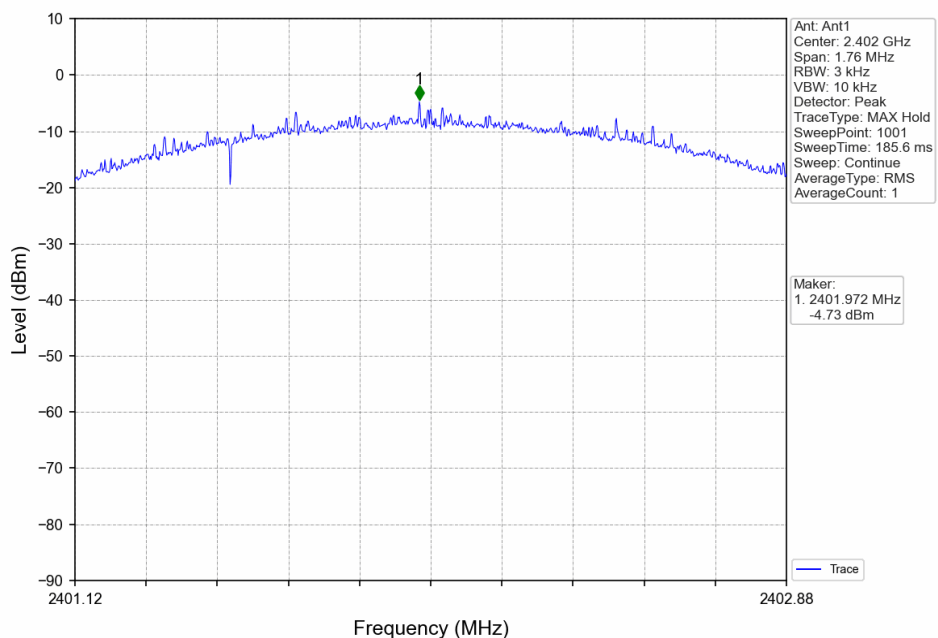
4.1.2 Test Graph



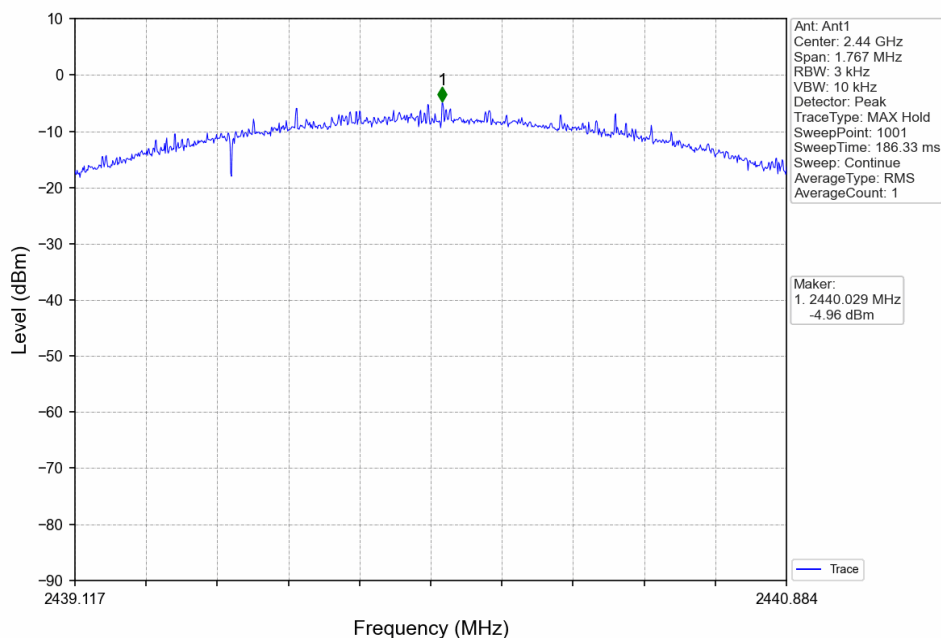
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



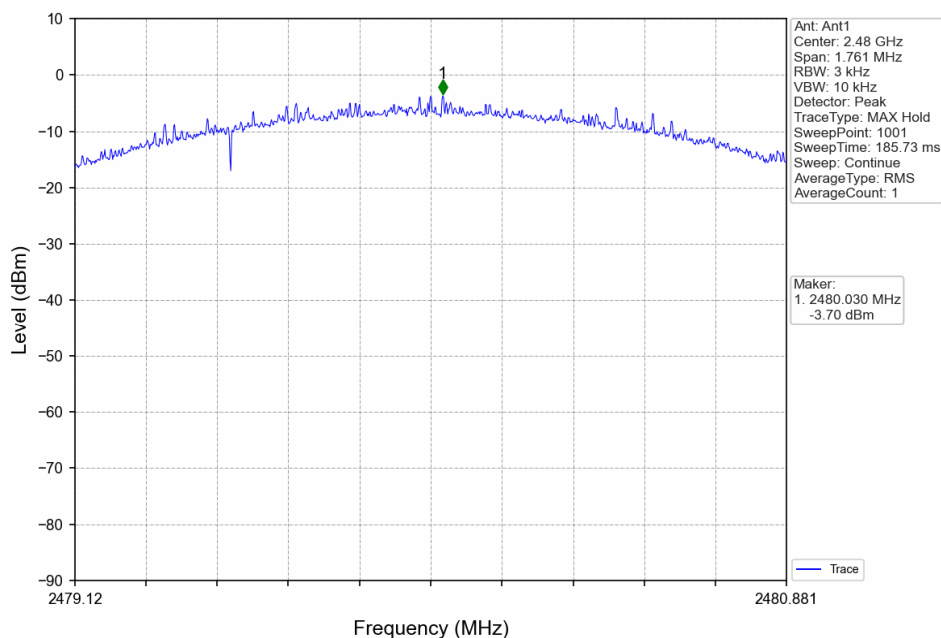
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



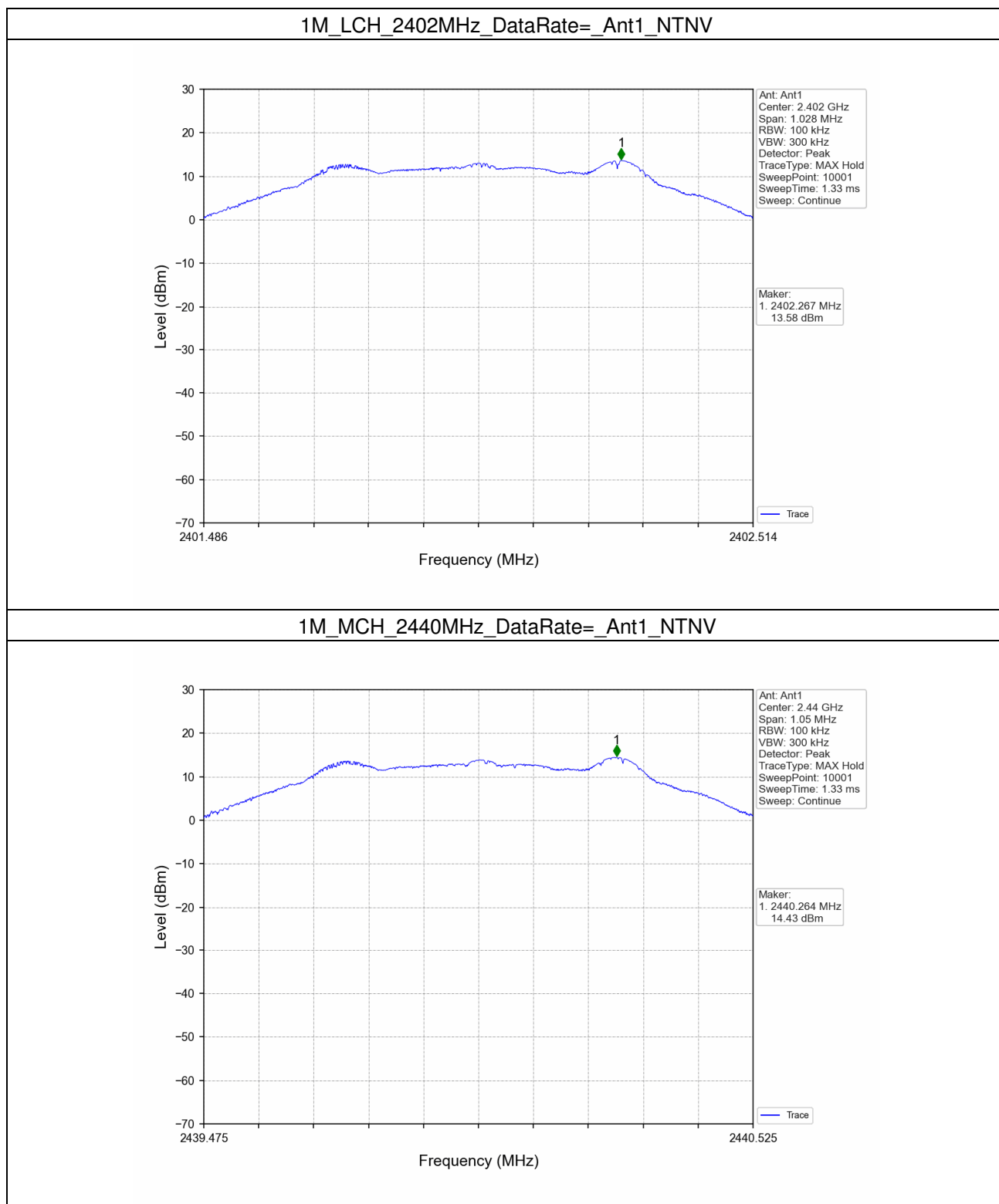
5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

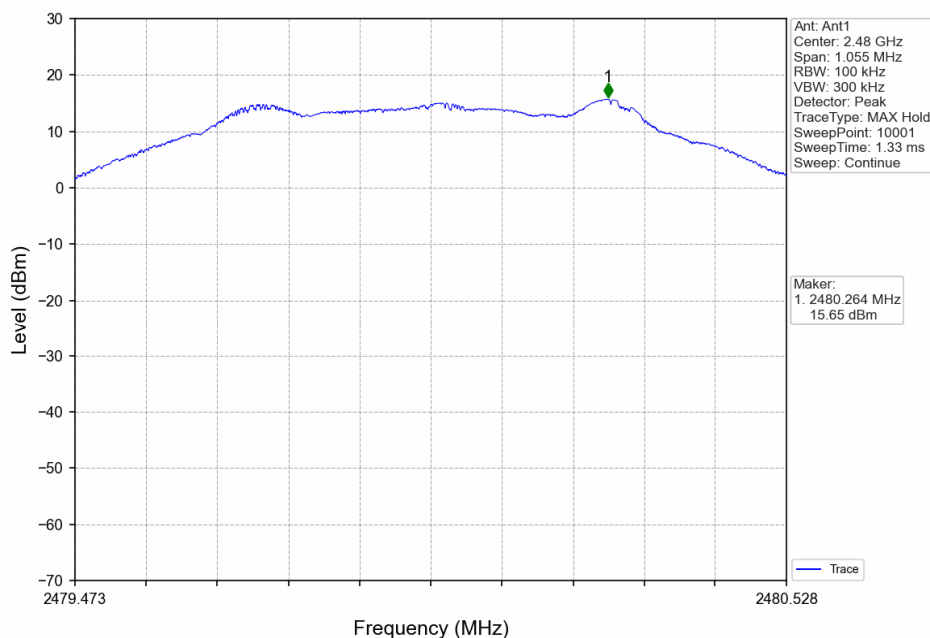
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
1M	SISO	2402	1	13.58
		2440	1	14.43
		2480	1	15.65
2M	SISO	2402	1	13.05
		2440	1	13.90
		2480	1	15.12

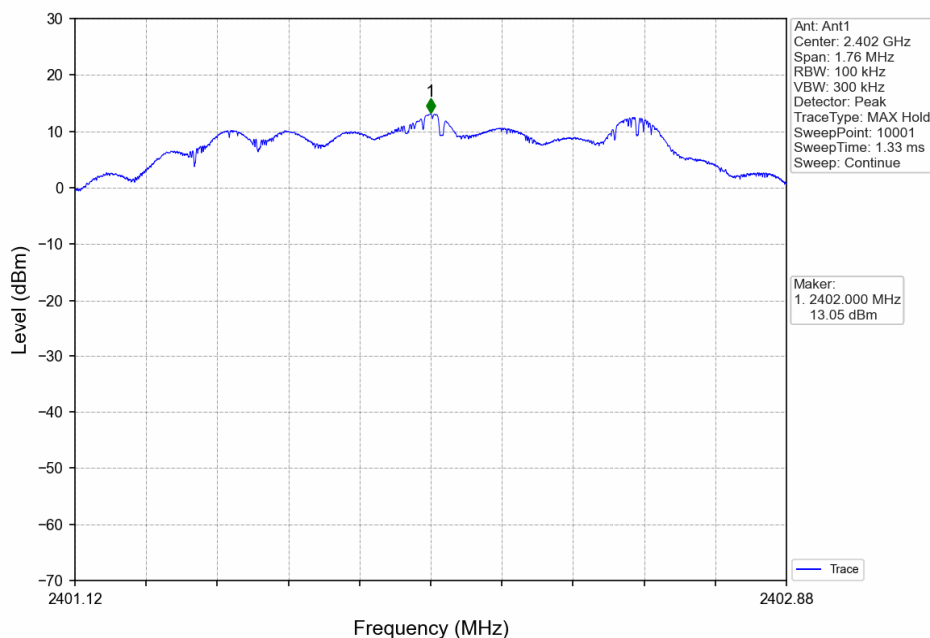
5.1.2 Test Graph



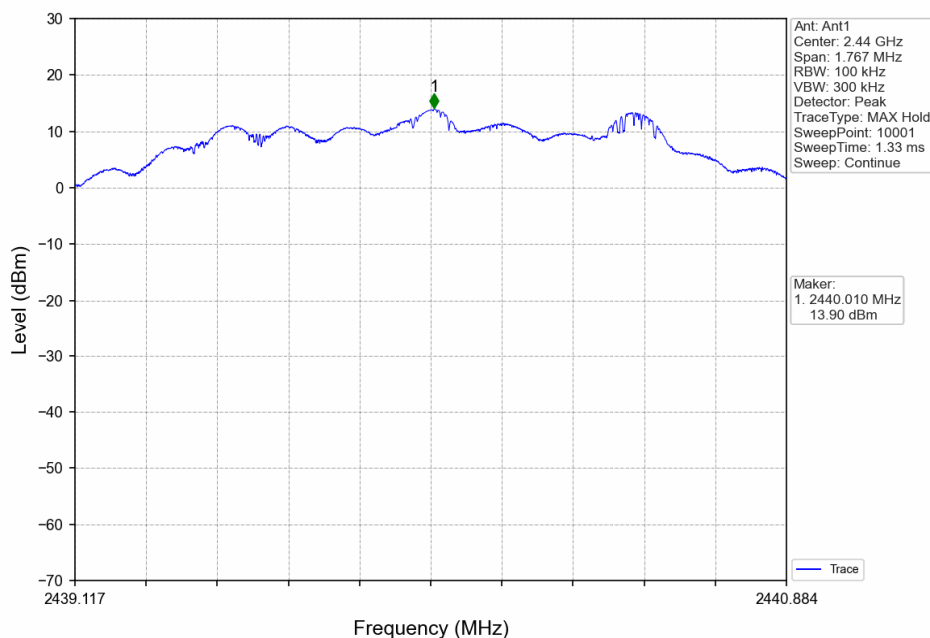
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



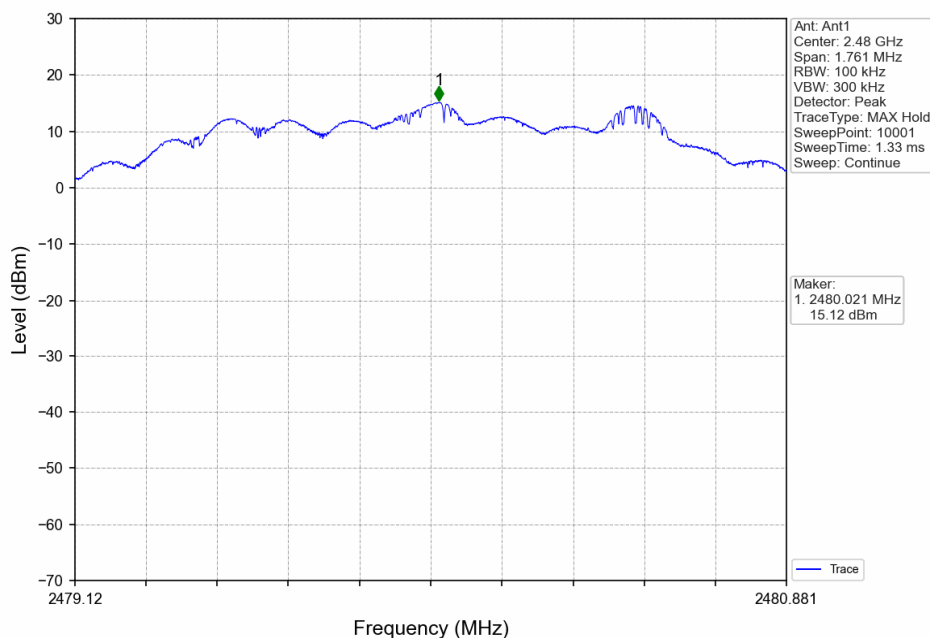
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV

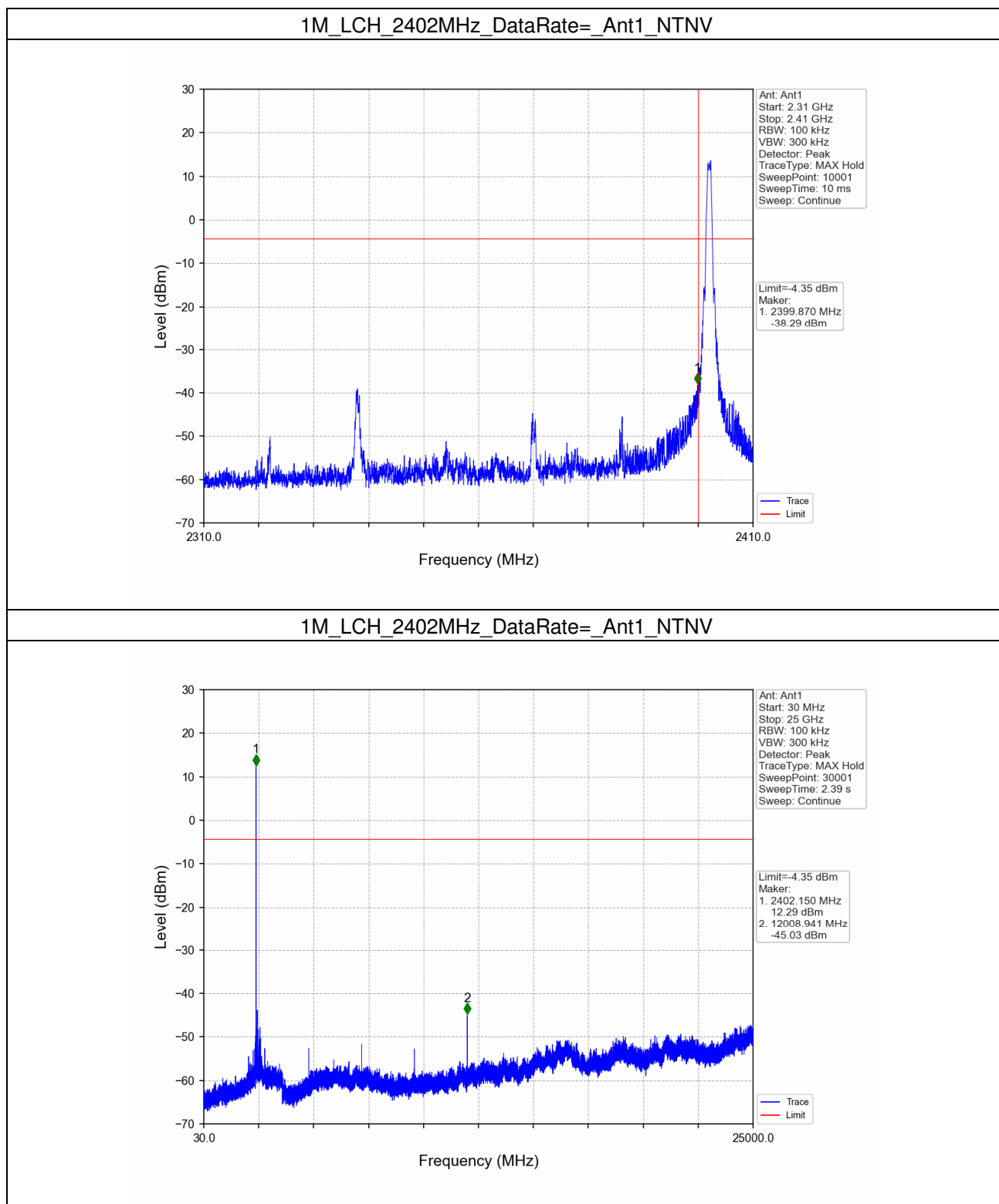


5.2 CSE

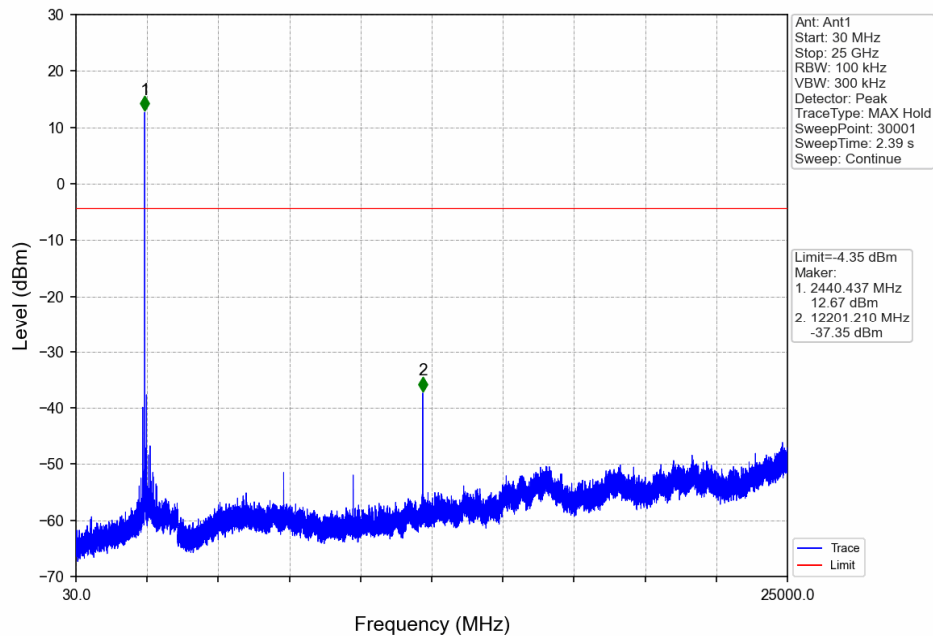
5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	15.65	-4.35	Pass
		2440	1	15.65	-4.35	Pass
		2480	1	15.65	-4.35	Pass
2M	SISO	2402	1	15.12	-4.88	Pass
		2440	1	15.12	-4.88	Pass
		2480	1	15.12	-4.88	Pass

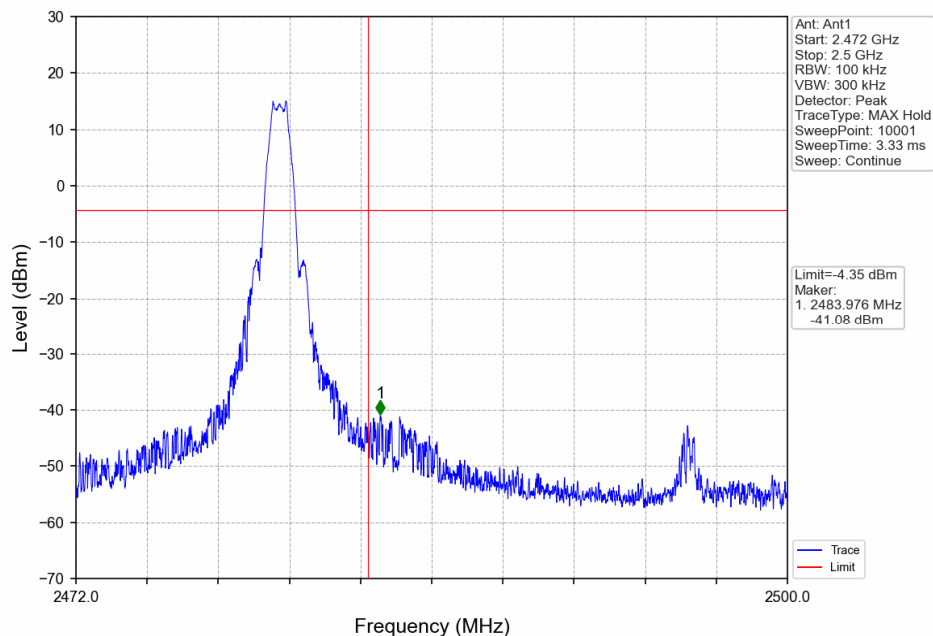
5.2.2 Test Graph



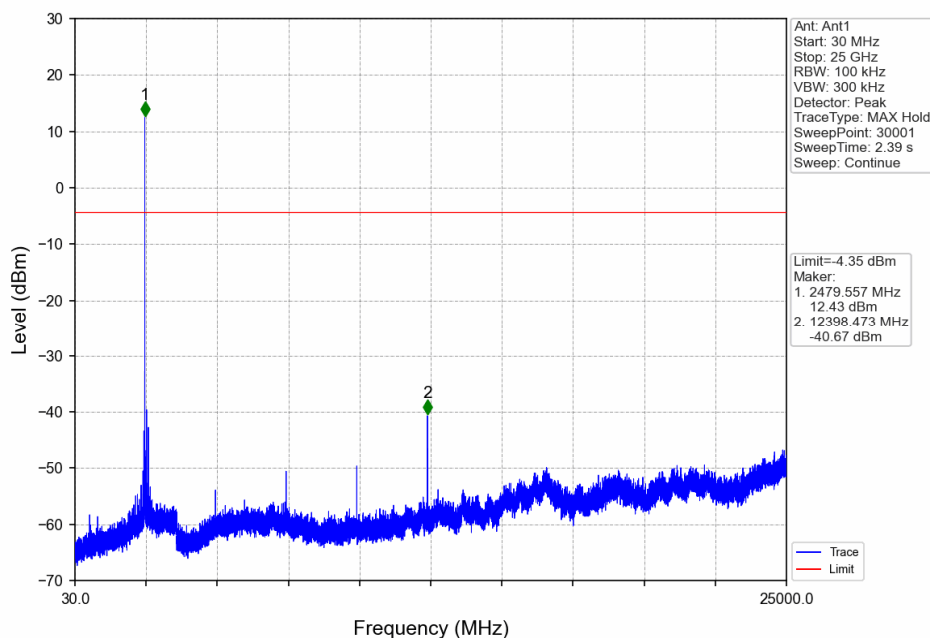
1M_MCH_2440MHz_DataRate=_Ant1_NTNV



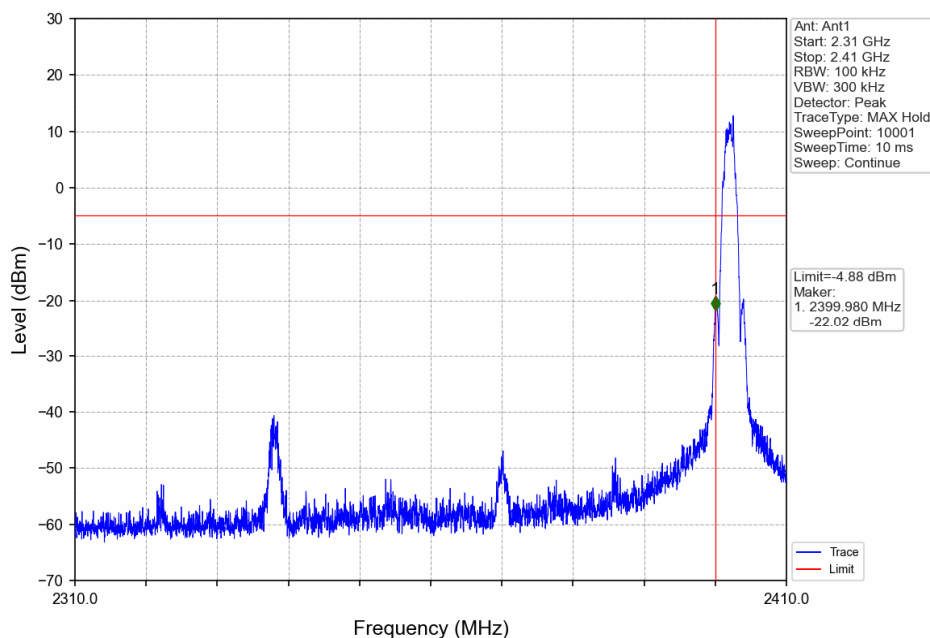
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



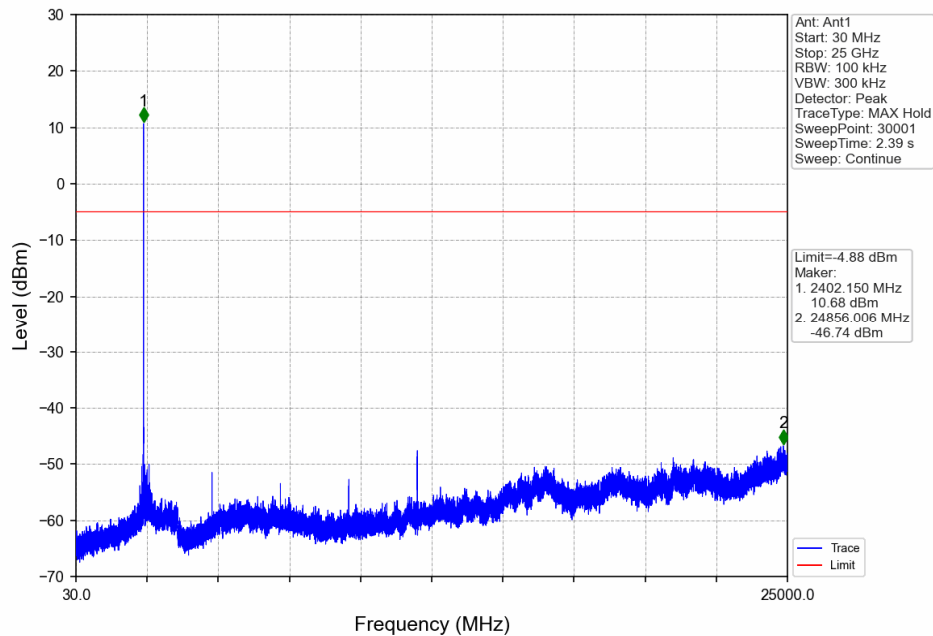
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



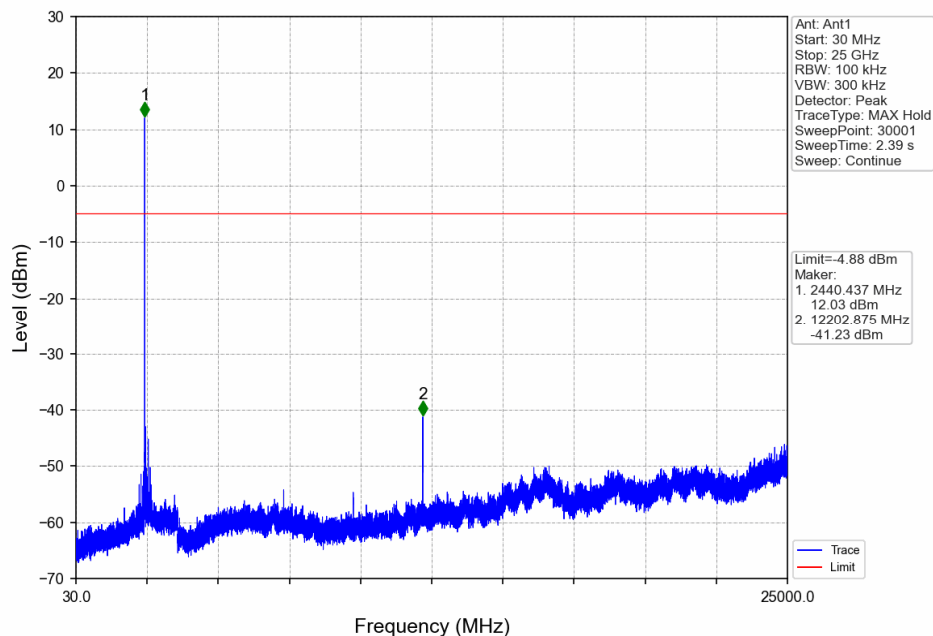
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



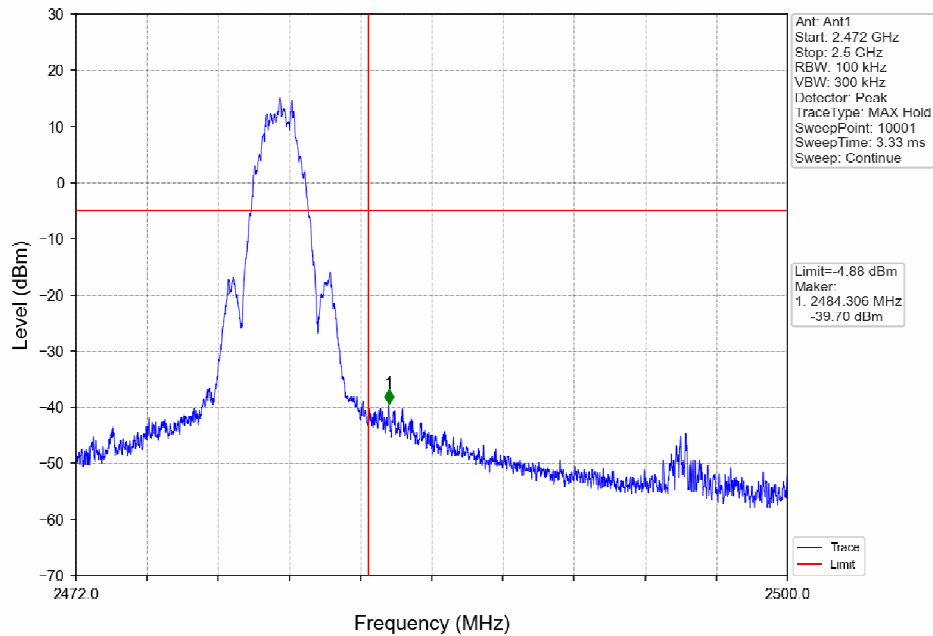
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



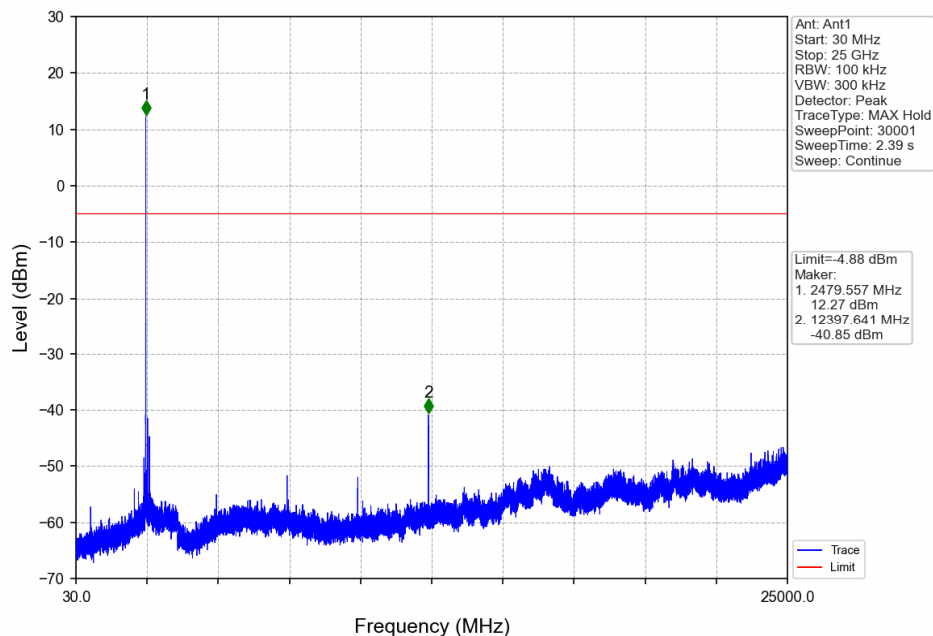
2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



Dipole Antenna

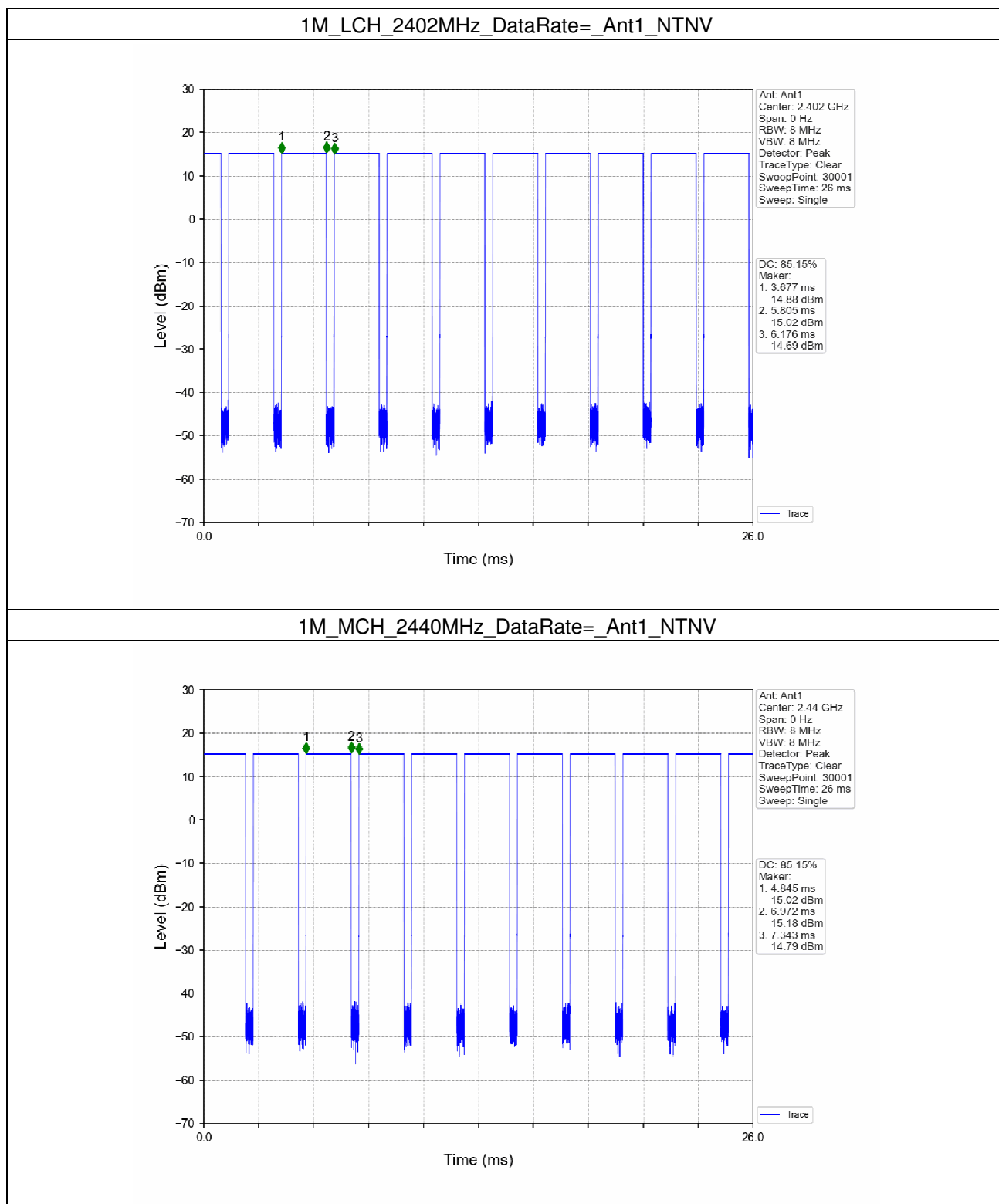
1. Duty Cycle

1.1 Ant1

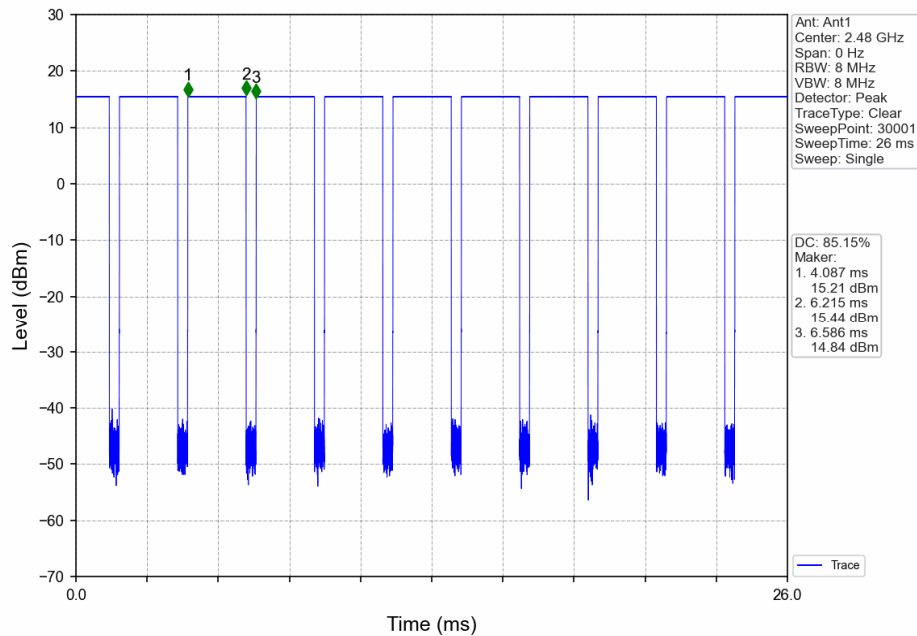
1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	2.128	2.499	85.15	0.70	0.03
		2440	2.127	2.498	85.15	0.70	0.03
		2480	2.128	2.499	85.15	0.70	0.03
2M	SISO	2402	1.071	1.875	57.12	2.43	0.03
		2440	1.071	1.875	57.12	2.43	0.03
		2480	1.071	1.875	57.12	2.43	0.03

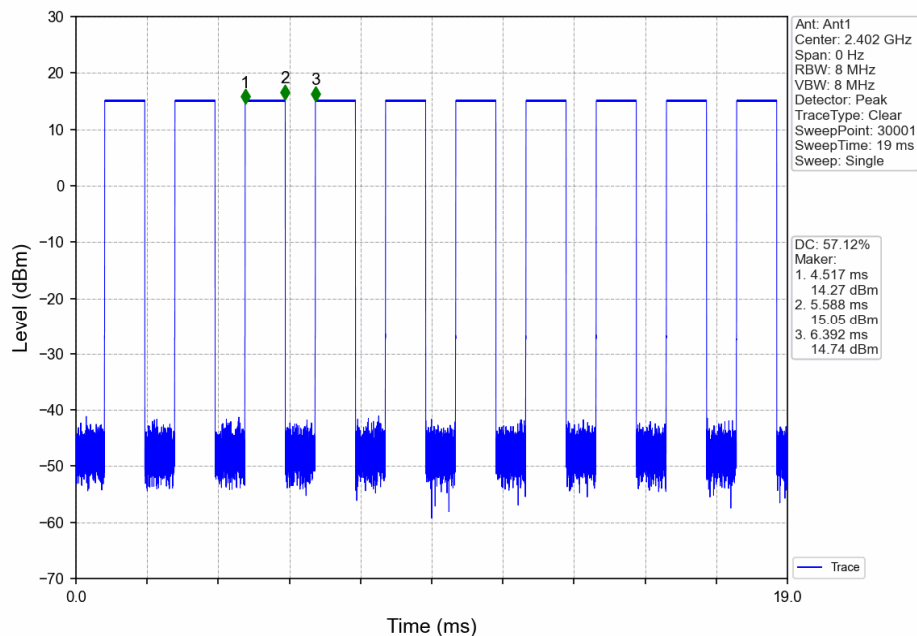
1.1.2 Test Graph



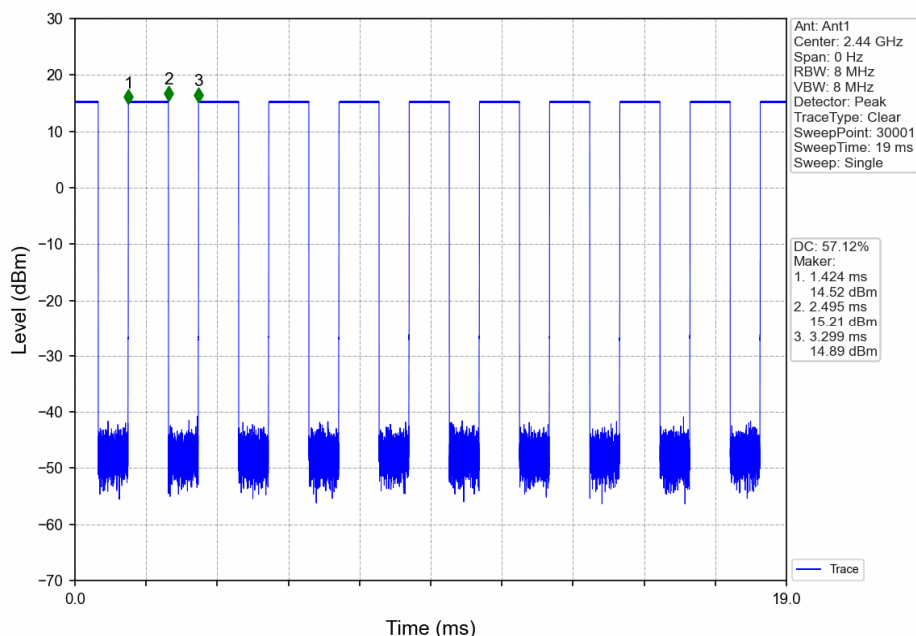
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



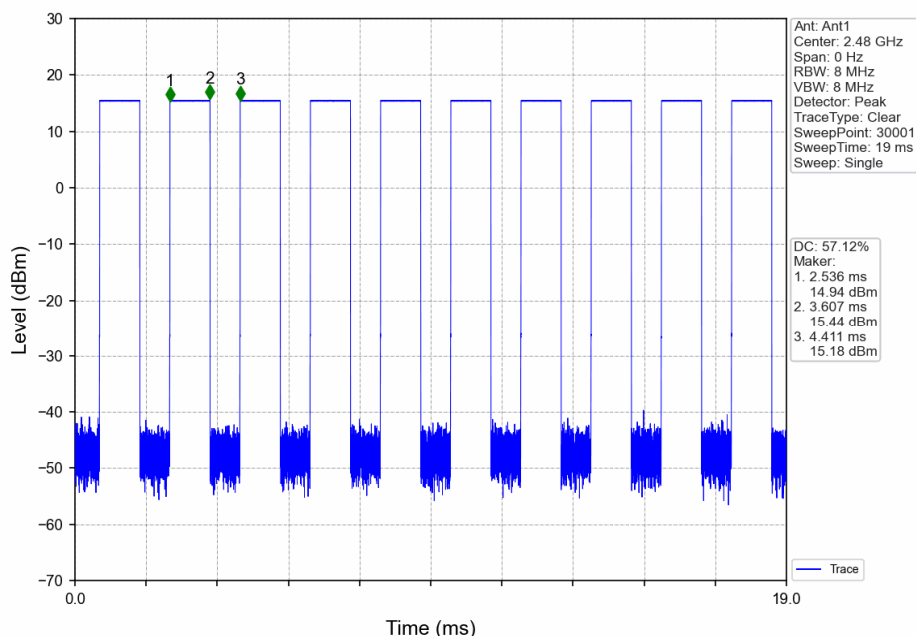
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



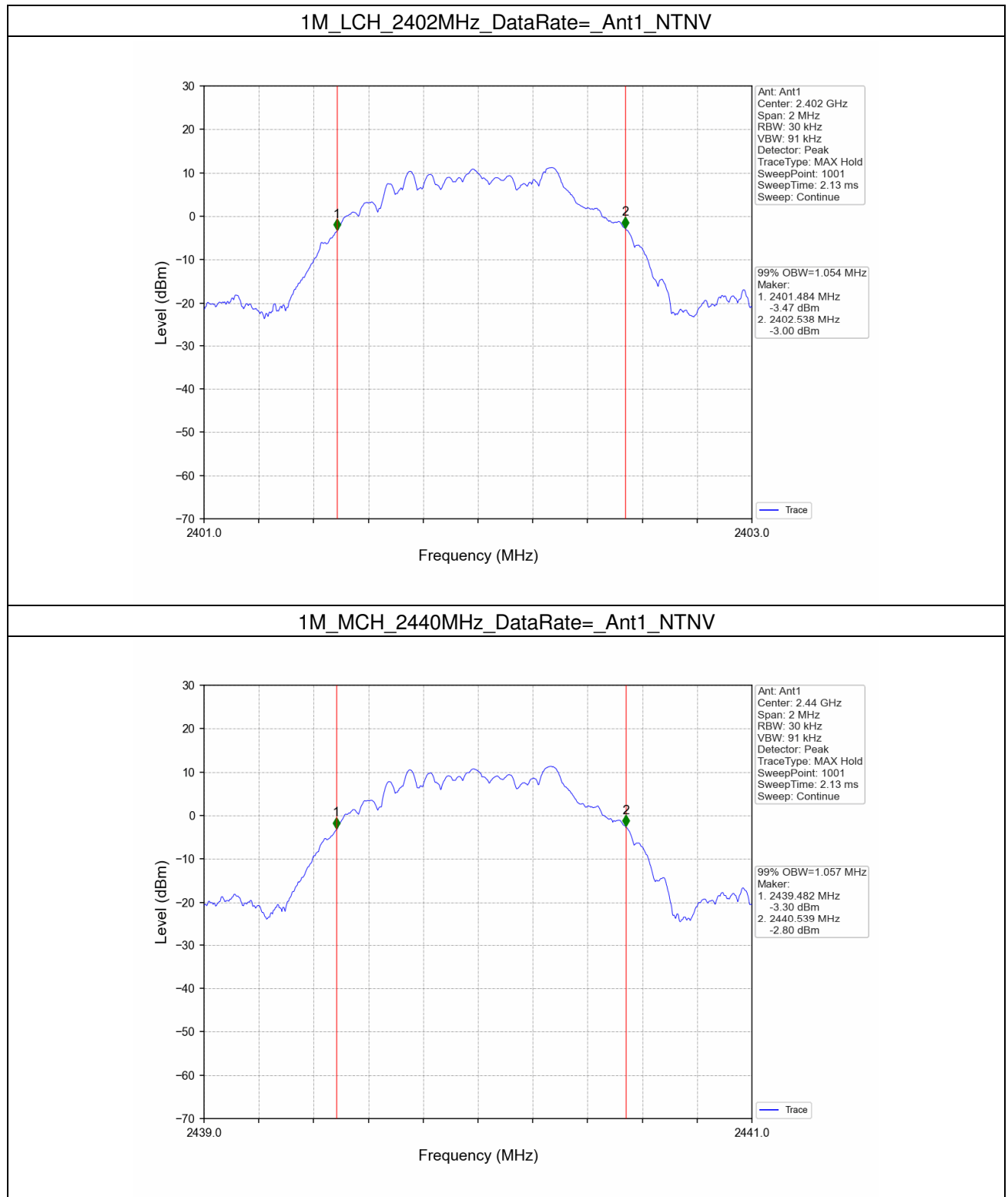
2. Bandwidth

2.1 OBW

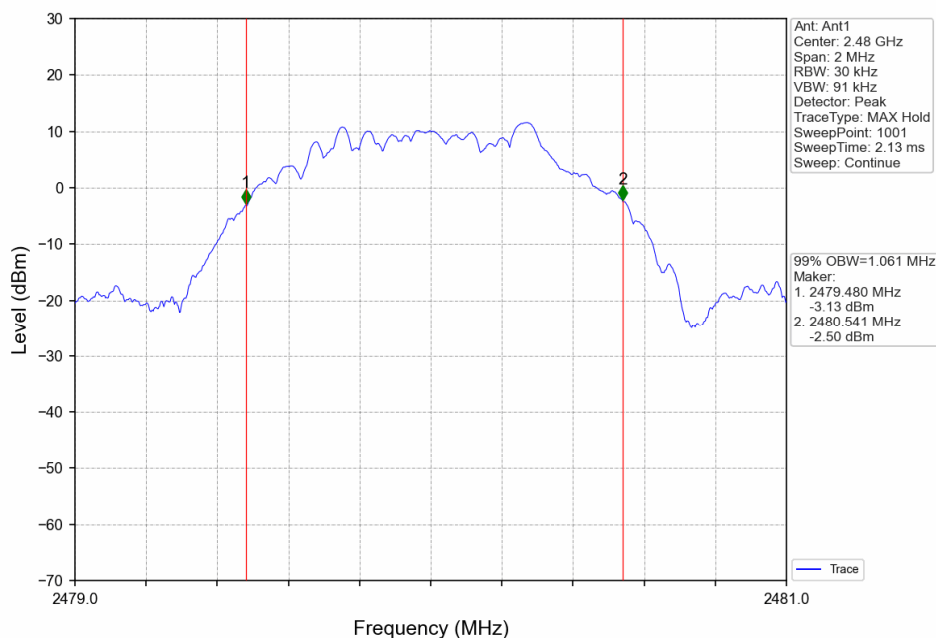
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.054	Pass
		2440	1	1.057	Pass
		2480	1	1.061	Pass
2M	SISO	2402	1	2.056	Pass
		2440	1	2.061	Pass
		2480	1	2.069	Pass

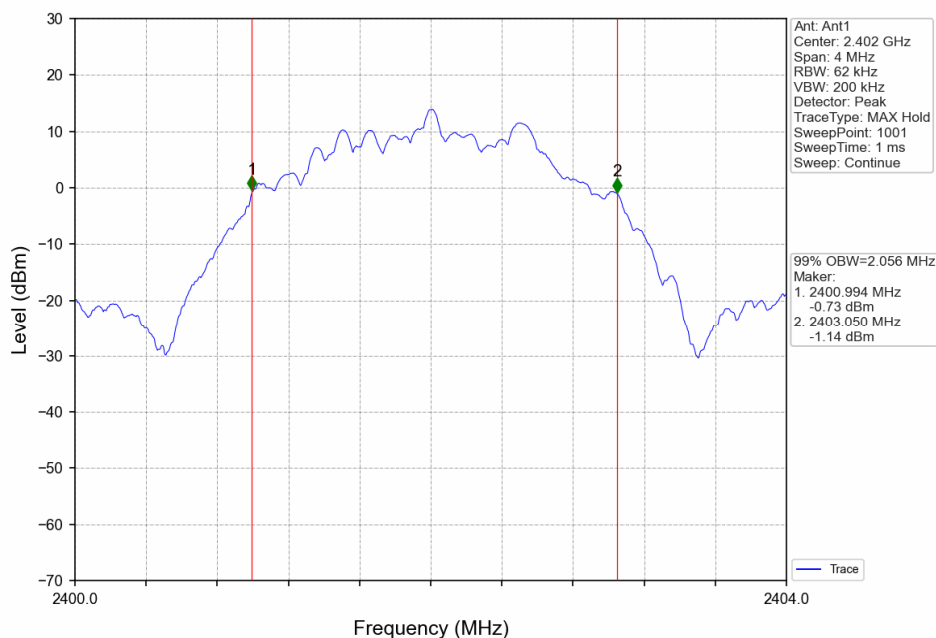
2.1.2 Test Graph



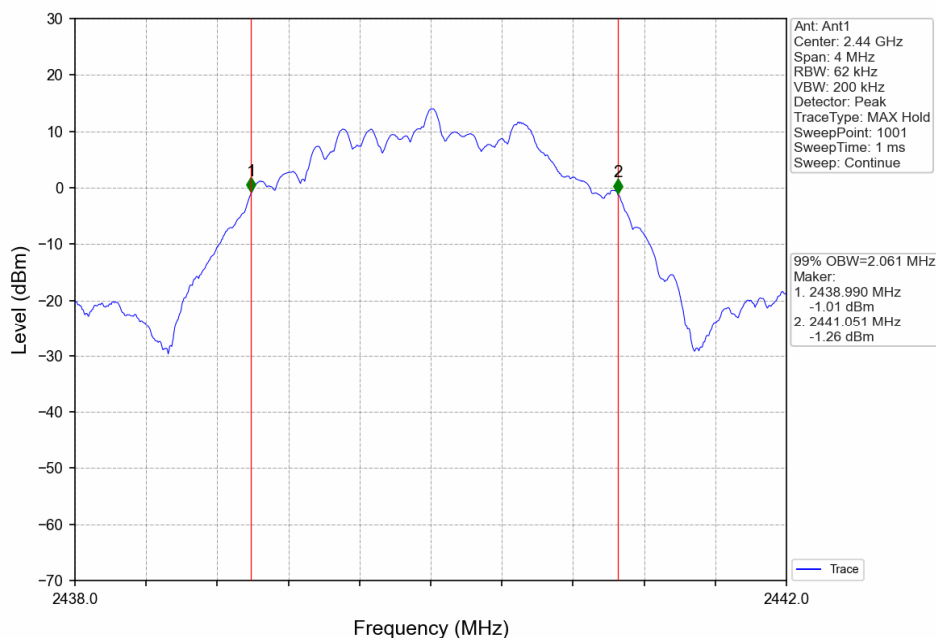
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



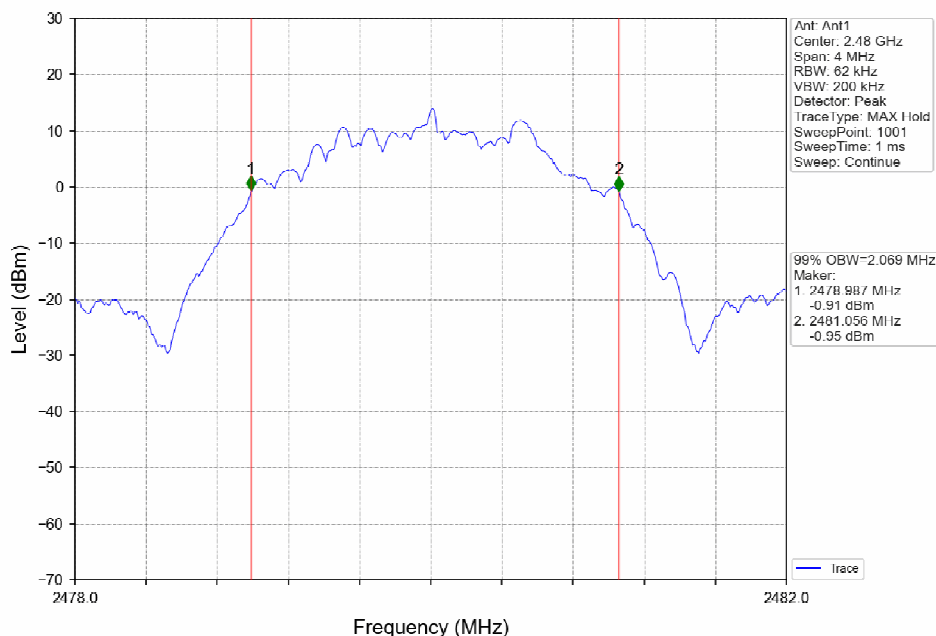
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV

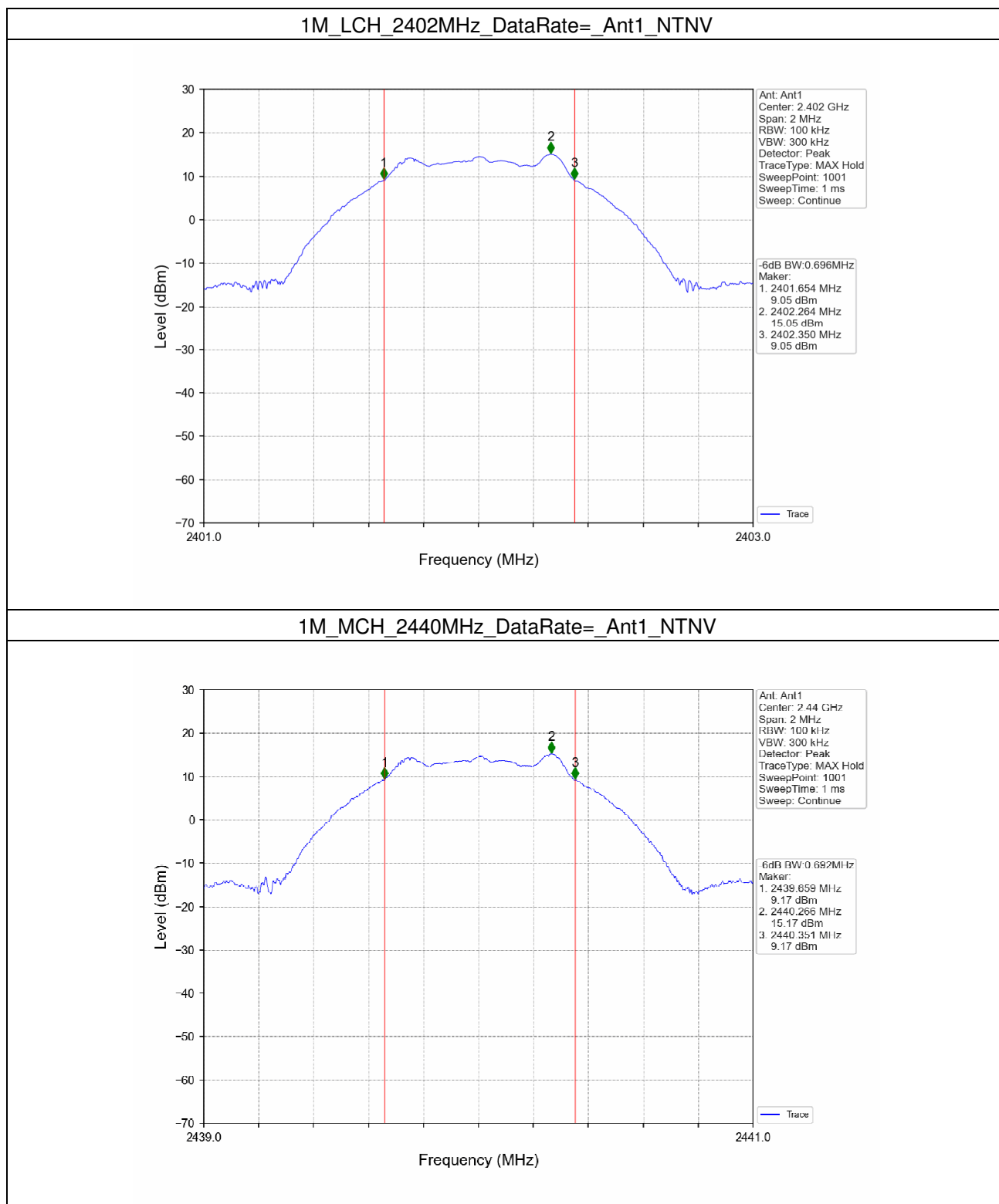


2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.696	≥ 0.5	Pass
		2440	1	0.692	≥ 0.5	Pass
		2480	1	0.700	≥ 0.5	Pass
2M	SISO	2402	1	1.170	≥ 0.5	Pass
		2440	1	1.168	≥ 0.5	Pass
		2480	1	1.175	≥ 0.5	Pass

2.2.2 Test Graph



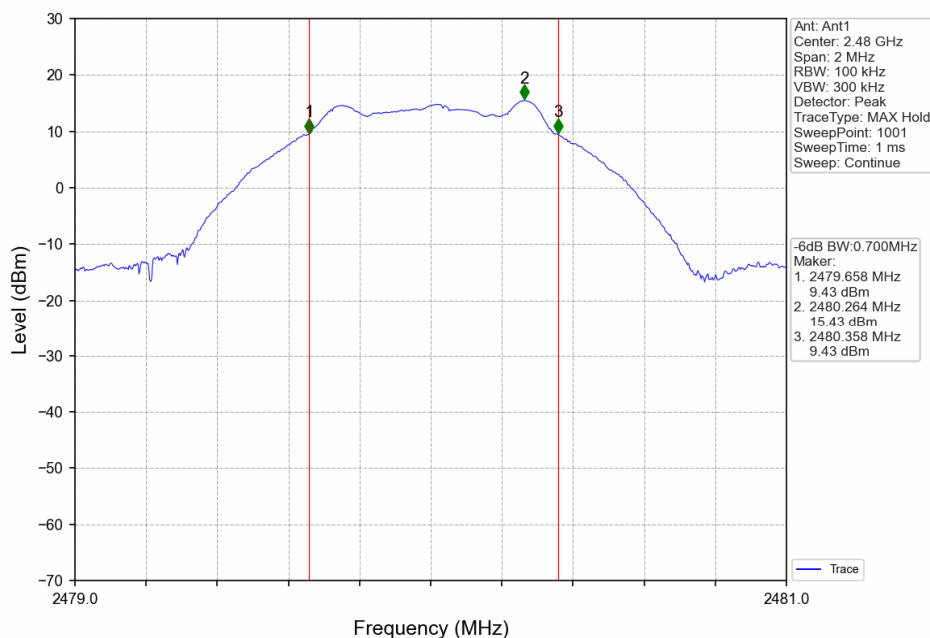
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Atmosferik ve Toprak Kirlilik Kontrol ve Tanı A.Ş. için test/inspeksiyon rapor ve sertifikası, lütfen bizimle telefonla (86-755) 8307 1443, e-posta ile C.N.Doechner@sgs.com veya faks ile 86-755 8307 1444 ile iletişime geçiniz.

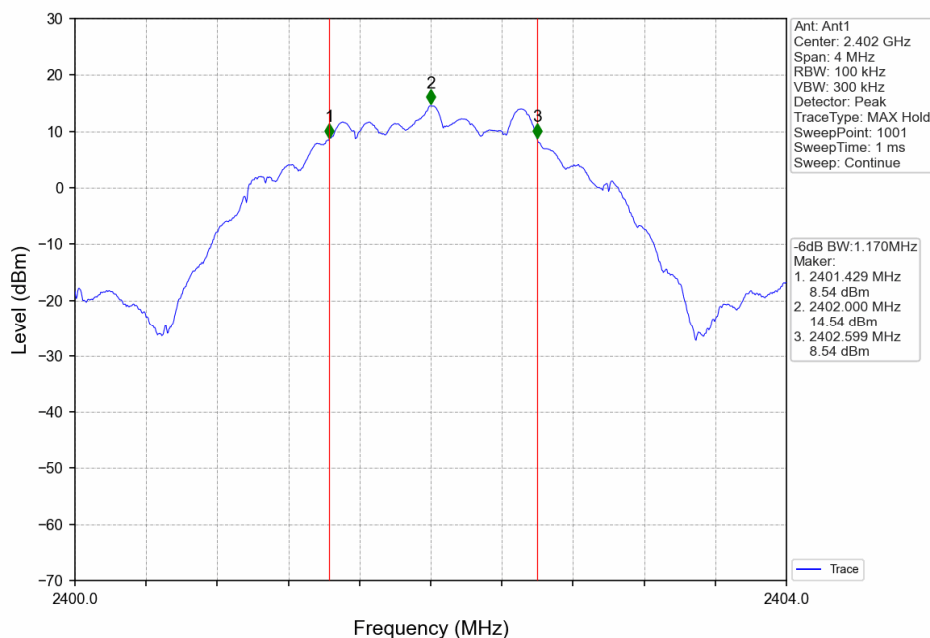
SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center EEC Laboratory.

中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

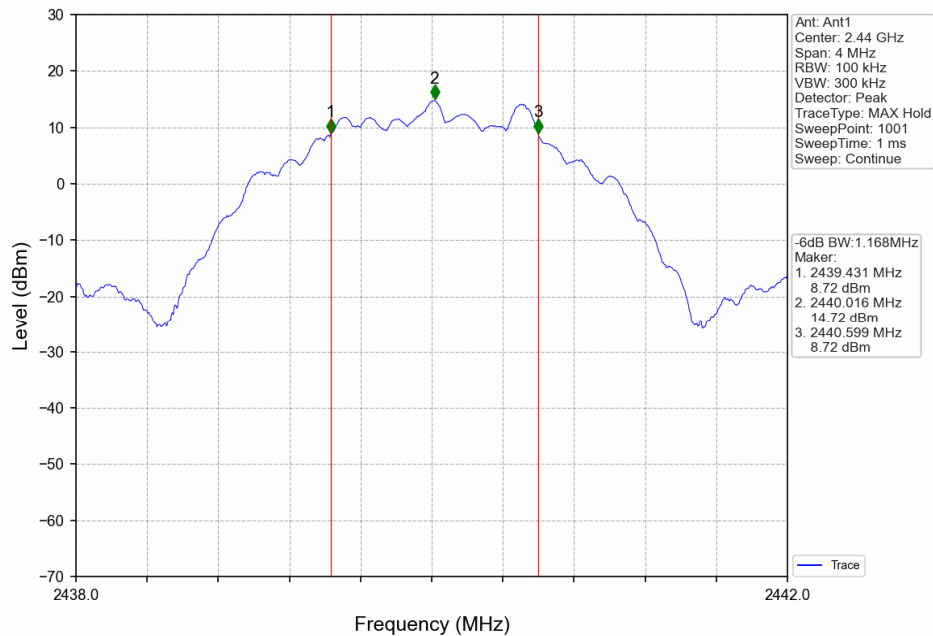
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



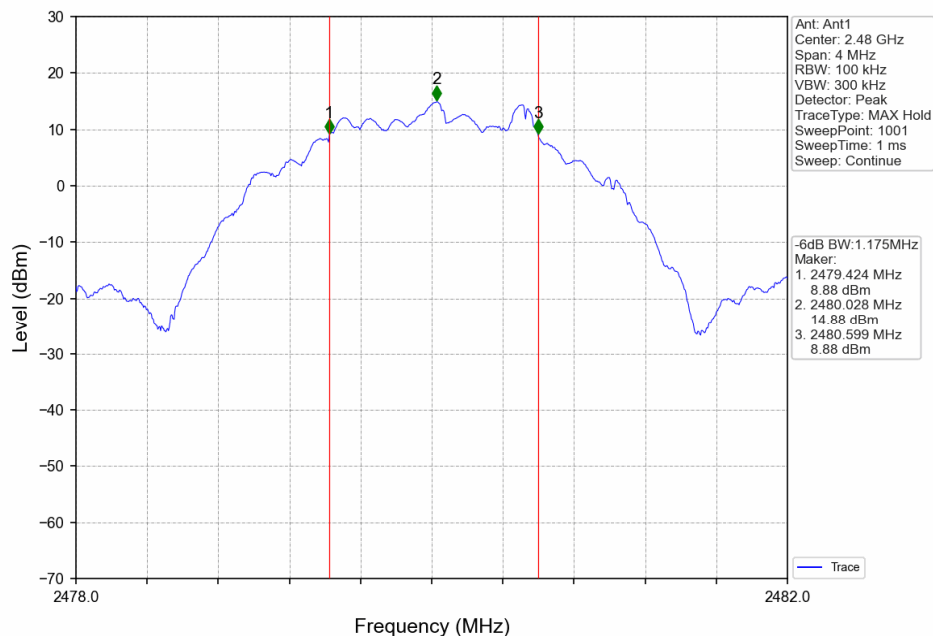
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
1M	SISO	2402	15.03	<=30	Pass
		2440	15.17	<=30	Pass
		2480	15.42	<=30	Pass
2M	SISO	2402	15.06	<=30	Pass
		2440	15.18	<=30	Pass
		2480	15.42	<=30	Pass

3.2 EIRP

3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)		Verdict
			Ant1	Limit	
1M	SISO	2402	5.03	<=36.02	Pass
		2440	5.17	<=36.02	Pass
		2480	5.42	<=36.02	Pass
2M	SISO	2402	5.06	<=36.02	Pass
		2440	5.18	<=36.02	Pass
		2480	5.42	<=36.02	Pass

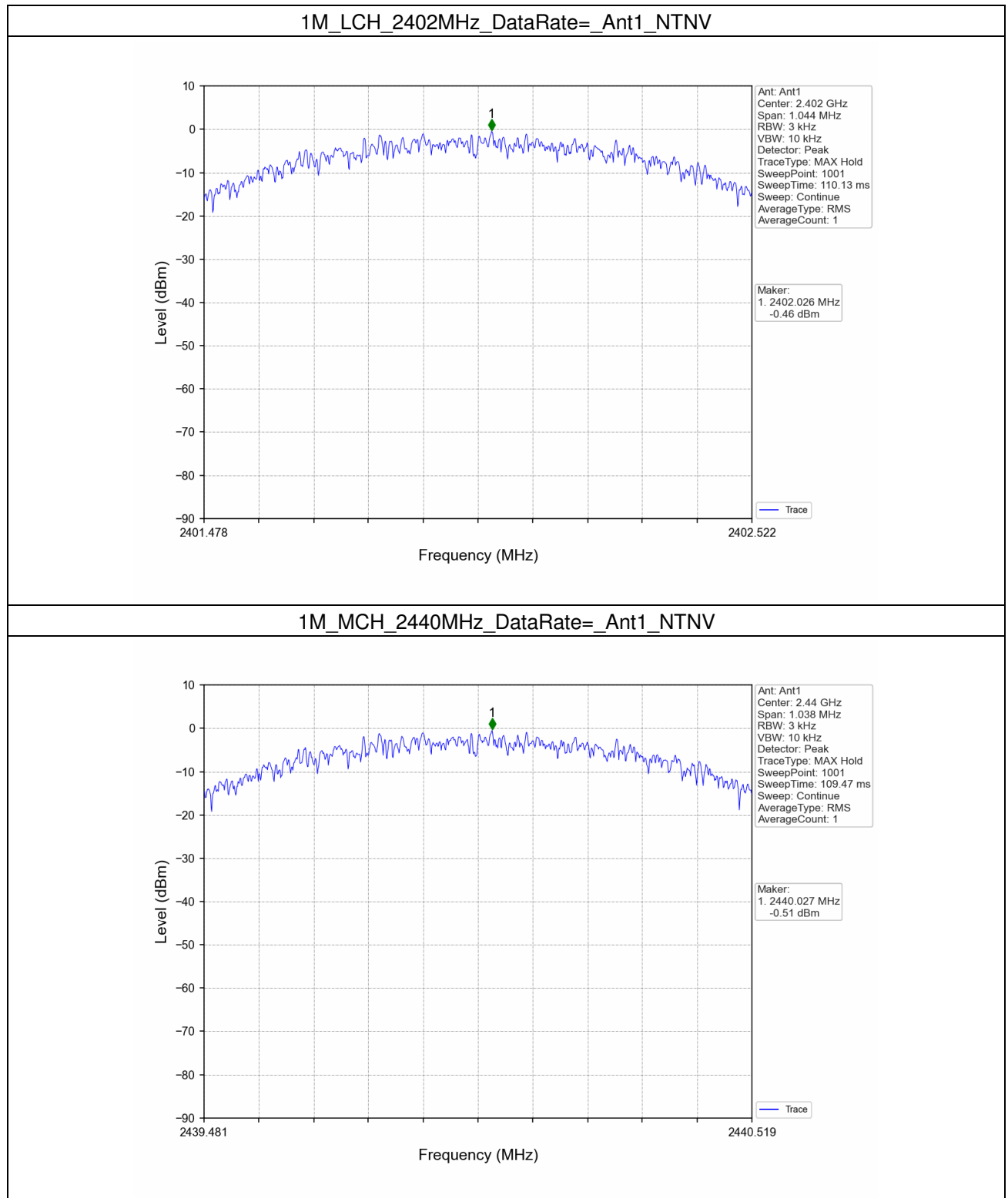
4. Maximum Power Spectral Density

4.1 PSD

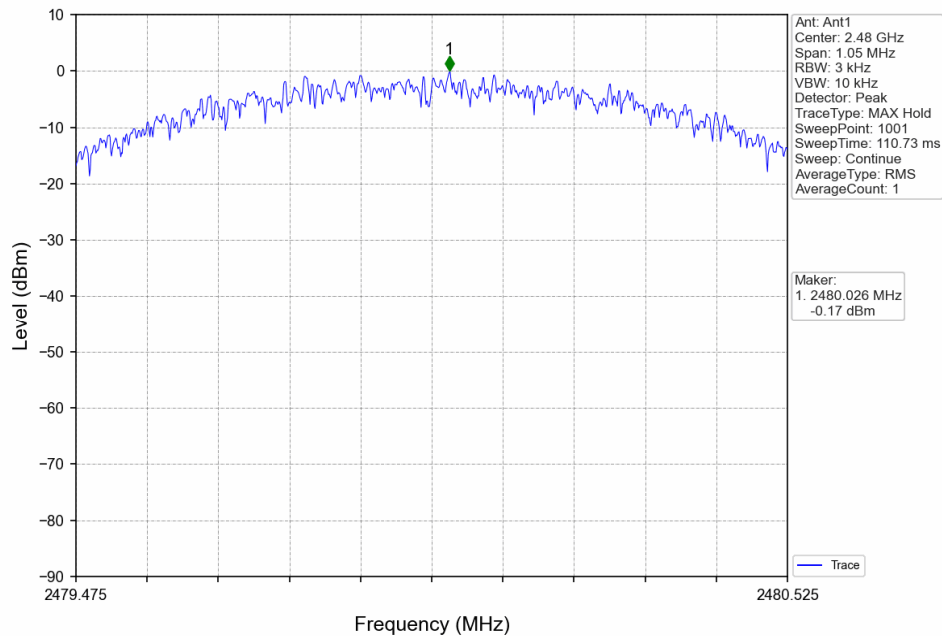
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
1M	SISO	2402	-0.46	<=8	Pass
		2440	-0.51	<=8	Pass
		2480	-0.17	<=8	Pass
2M	SISO	2402	-3.81	<=8	Pass
		2440	-3.50	<=8	Pass
		2480	-3.66	<=8	Pass

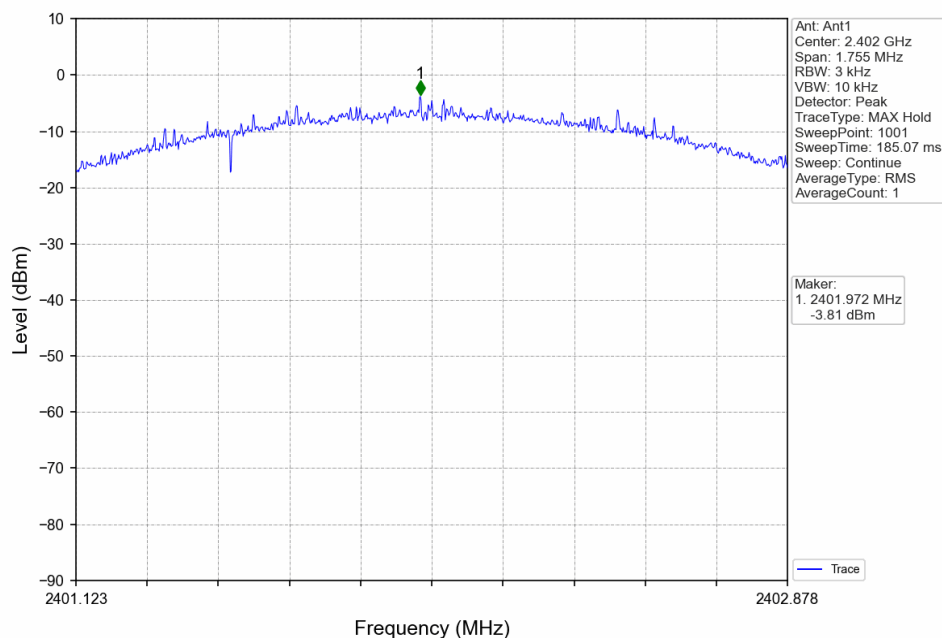
4.1.2 Test Graph



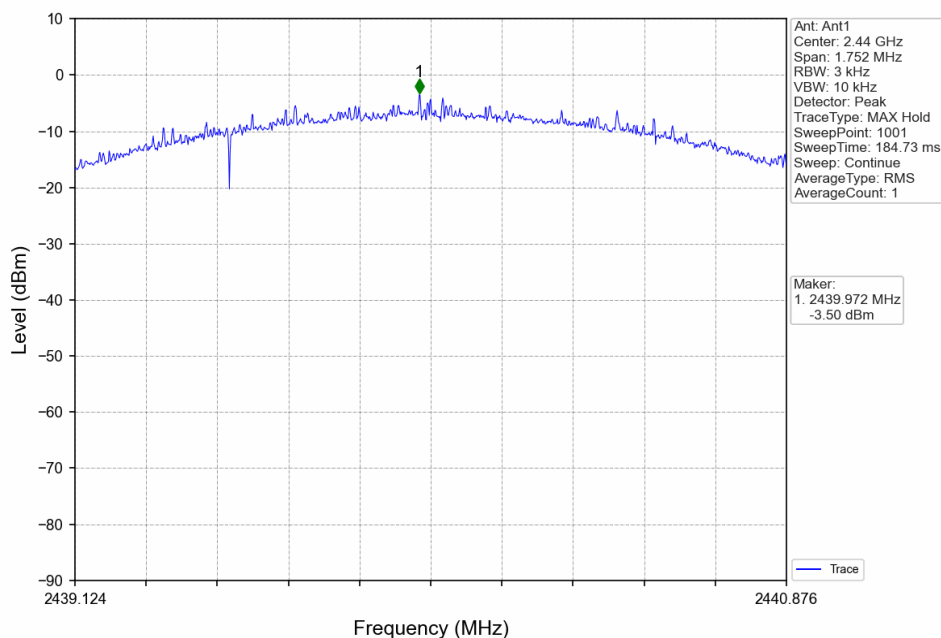
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



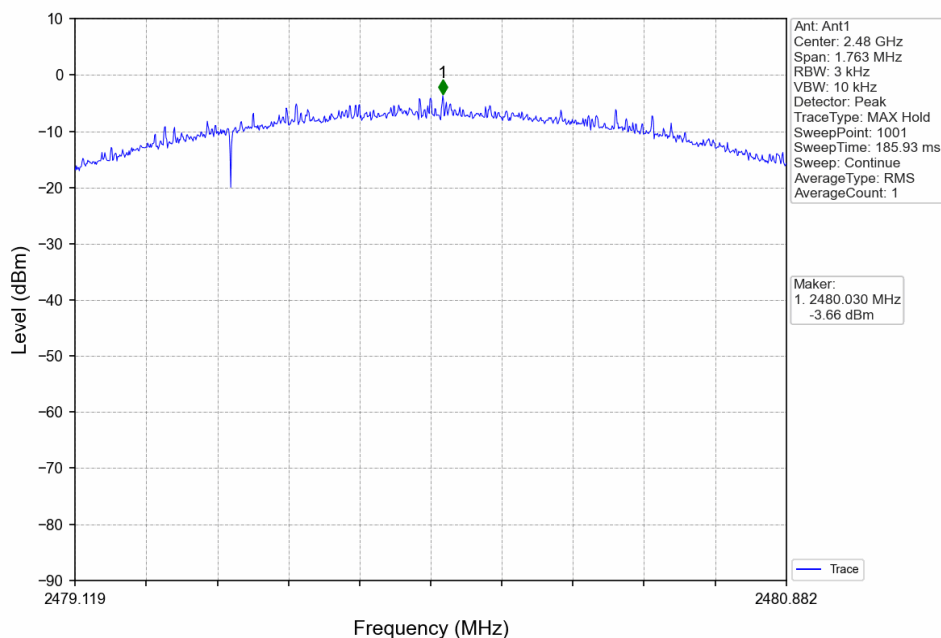
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



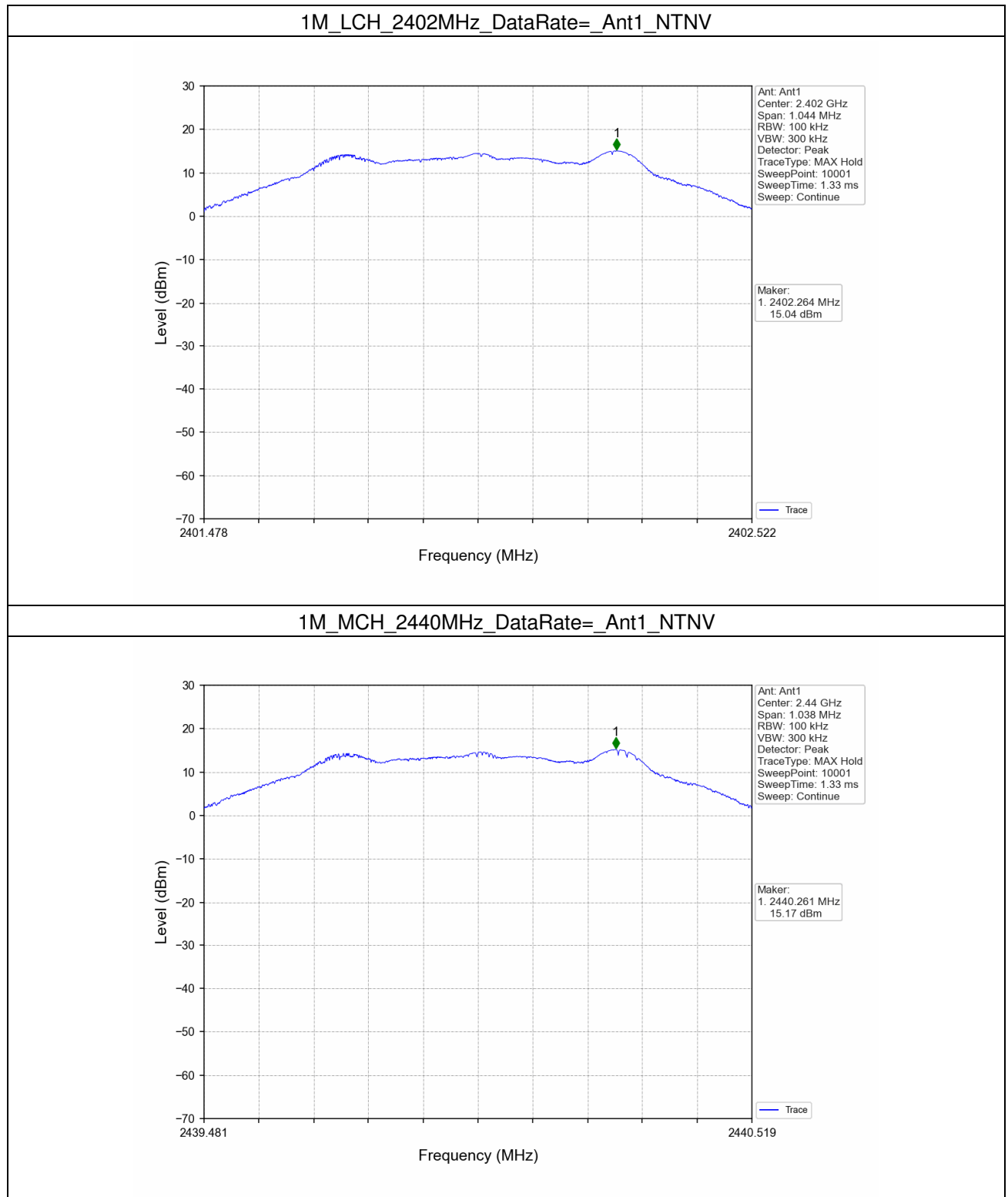
5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

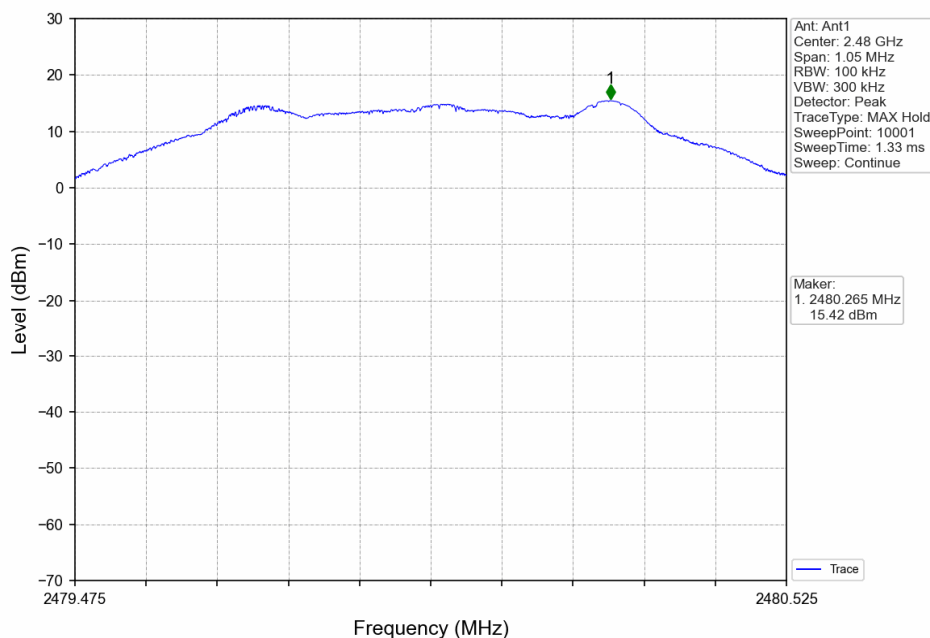
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
1M	SISO	2402	1	15.04
		2440	1	15.17
		2480	1	15.42
2M	SISO	2402	1	14.59
		2440	1	14.70
		2480	1	14.88

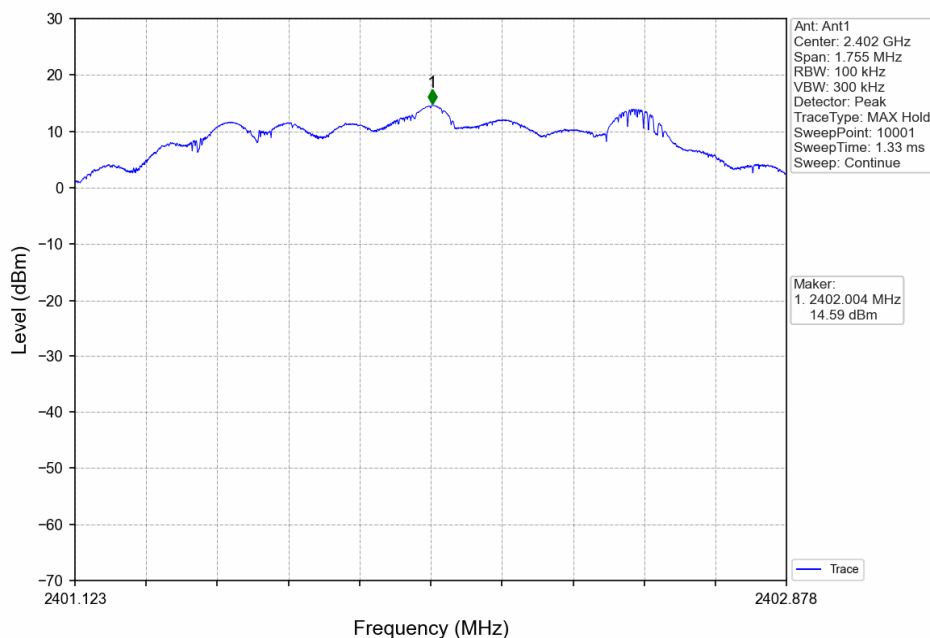
5.1.2 Test Graph



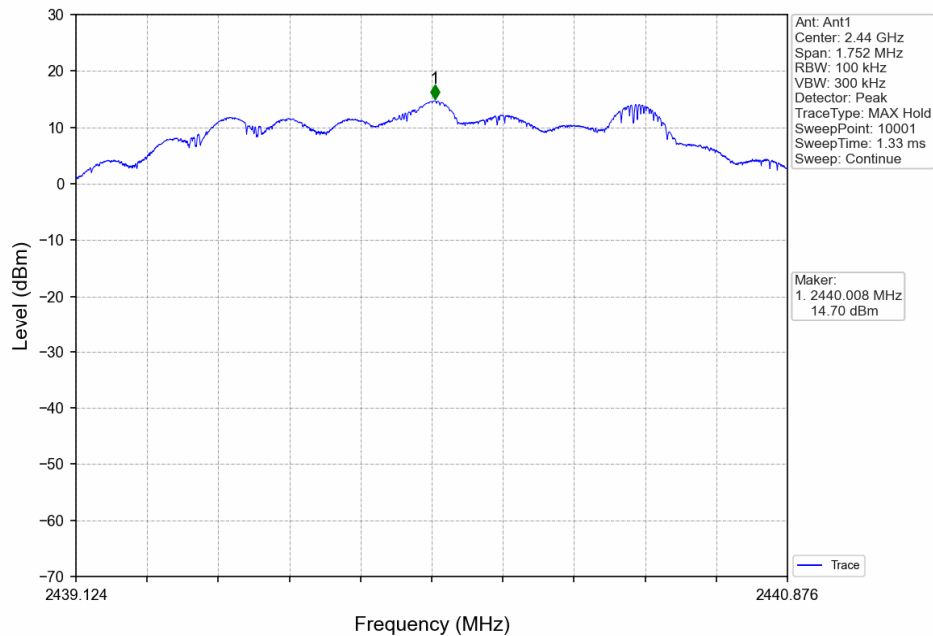
1M_HCH_2480MHz_DataRate=_Ant1_NTNV



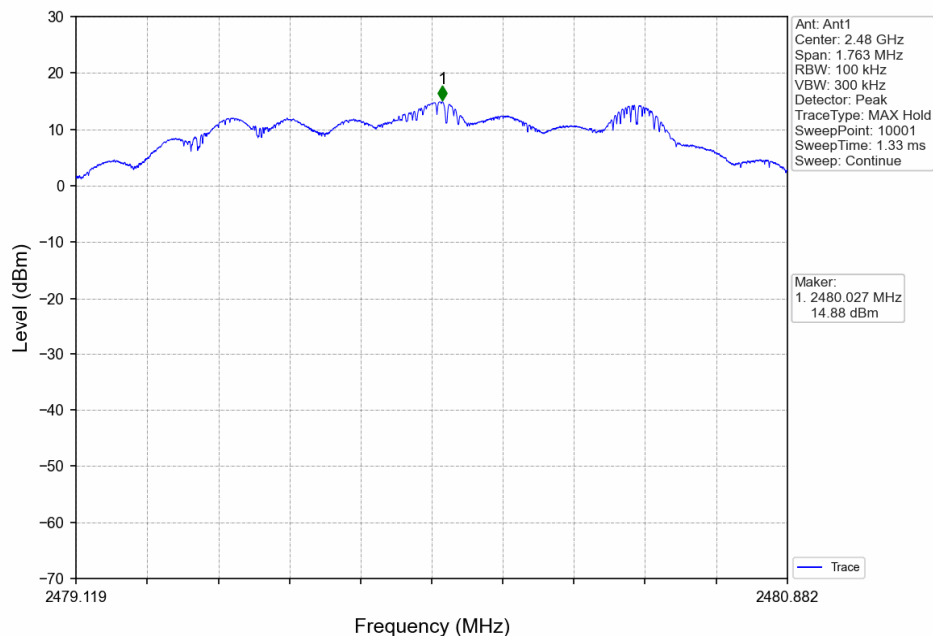
2M_LCH_2402MHz_DataRate=_Ant1_NTNV



2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV

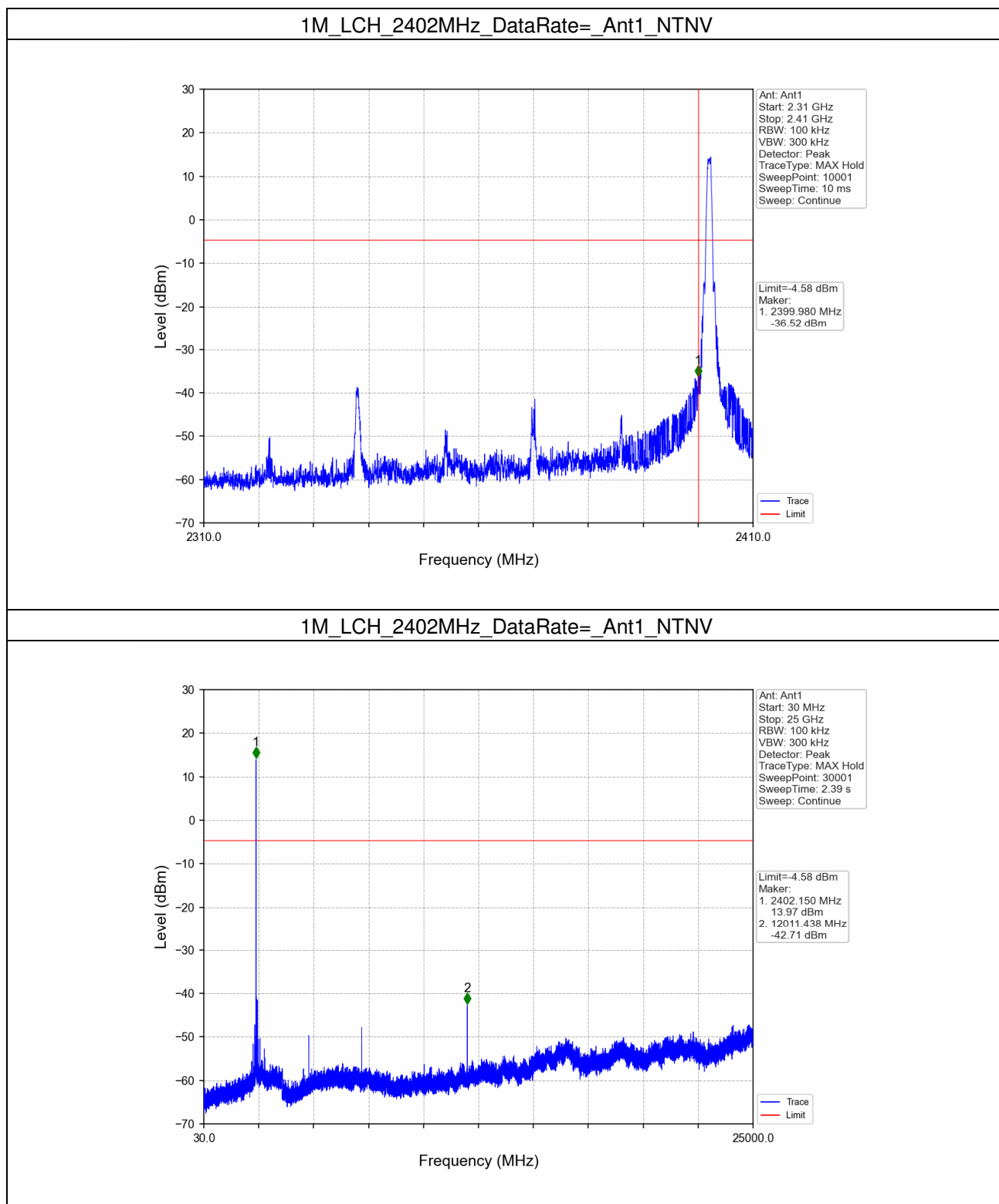


5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	15.42	-4.58	Pass
		2440	1	15.42	-4.58	Pass
		2480	1	15.42	-4.58	Pass
2M	SISO	2402	1	14.88	-5.12	Pass
		2440	1	14.88	-5.12	Pass
		2480	1	14.88	-5.12	Pass

5.2.2 Test Graph

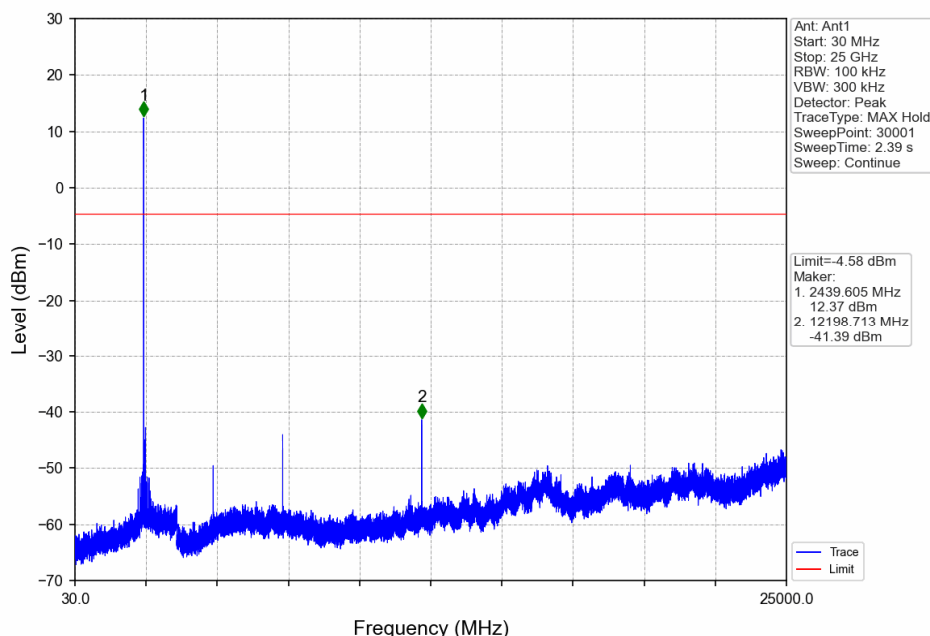


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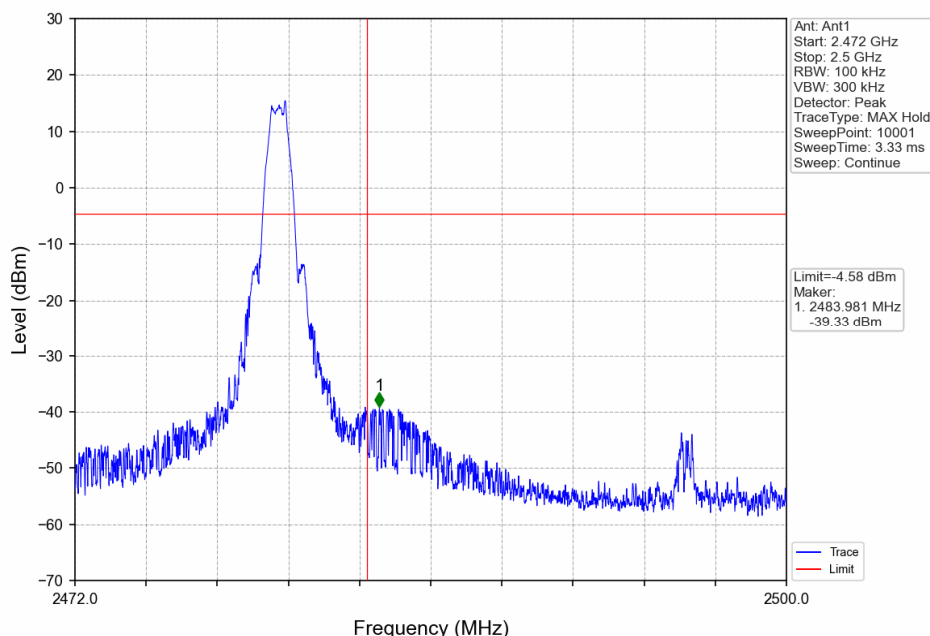
To check the validity of the test/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com.

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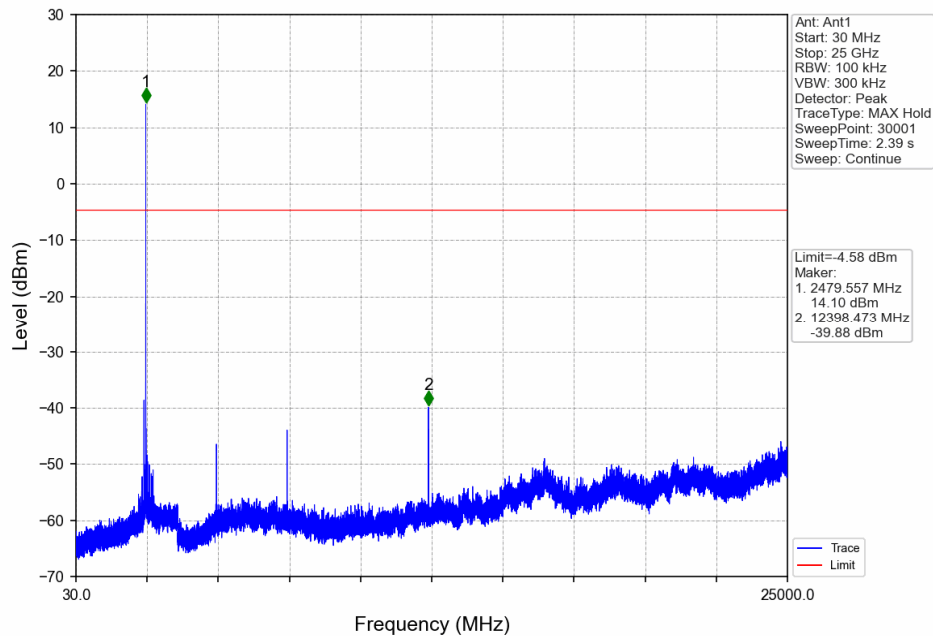
1M_MCH_2440MHz_DataRate=_Ant1_NTNV



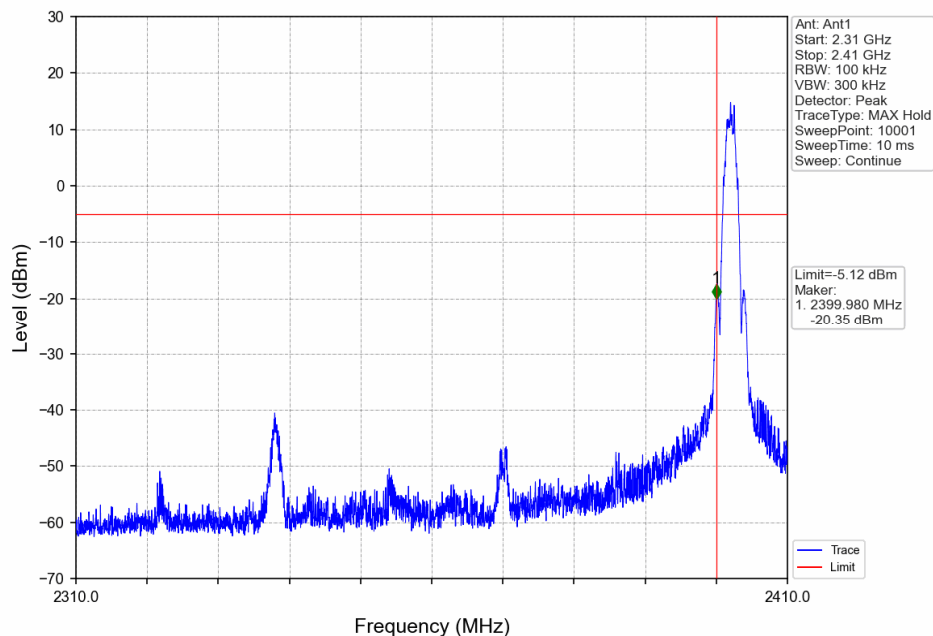
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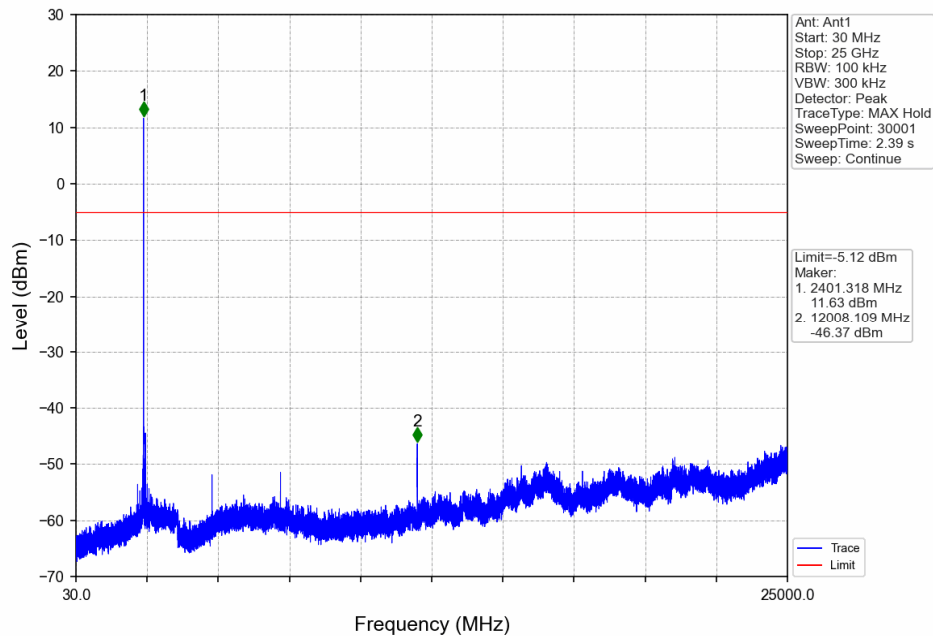
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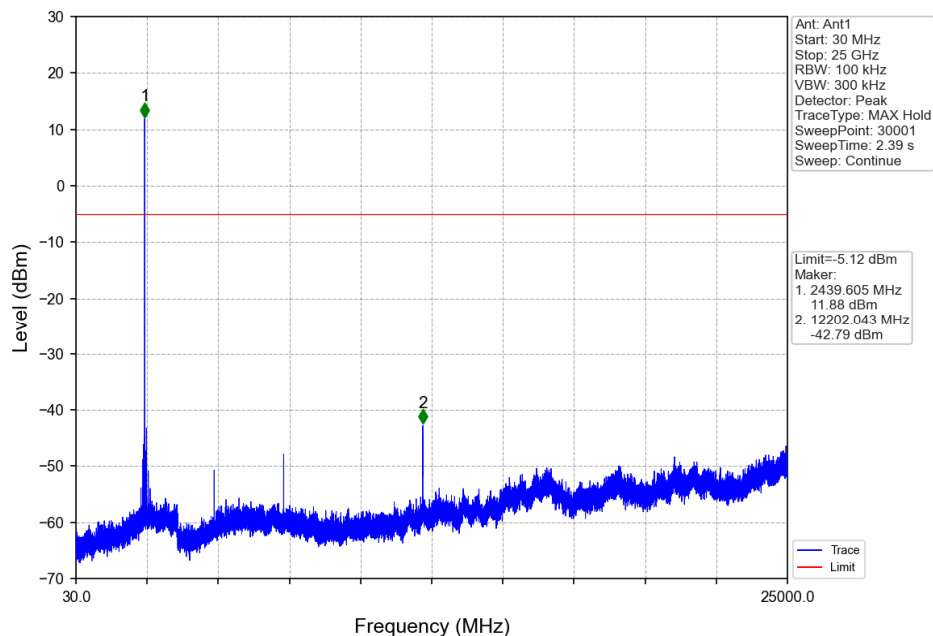
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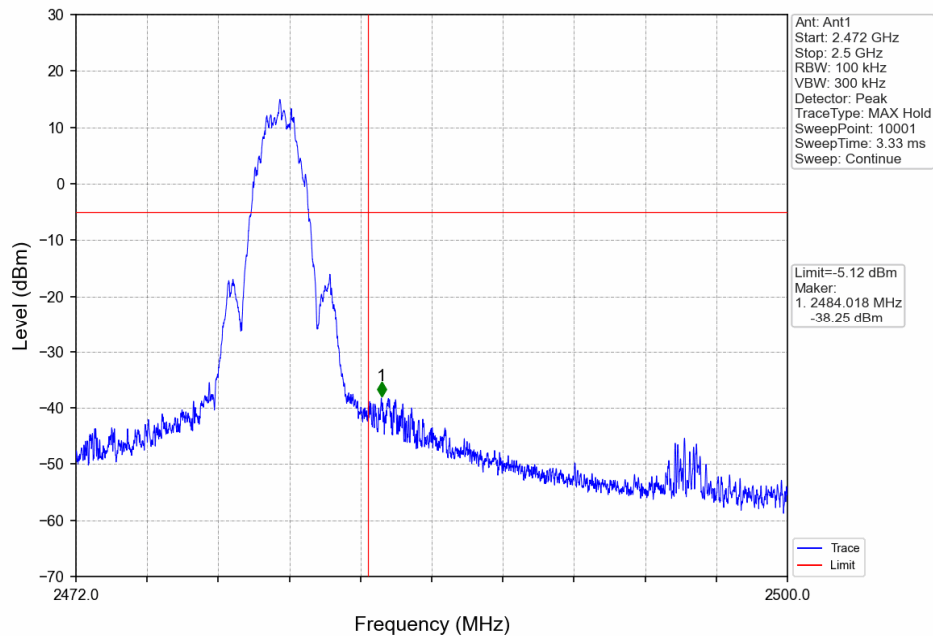
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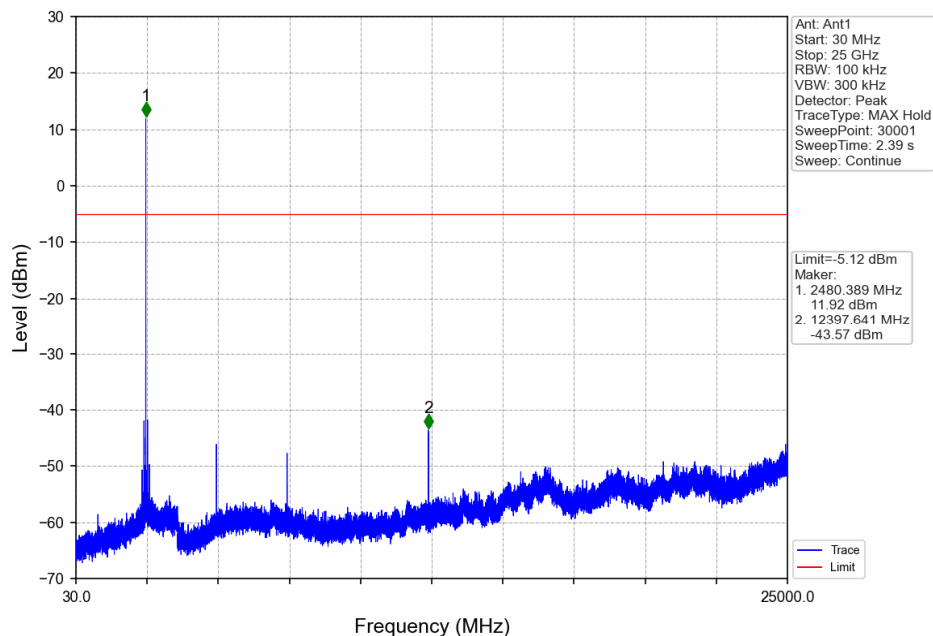
2M_MCH_2440MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



2M_HCH_2480MHz_DataRate=_Ant1_NTNV



- End of the Report -



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