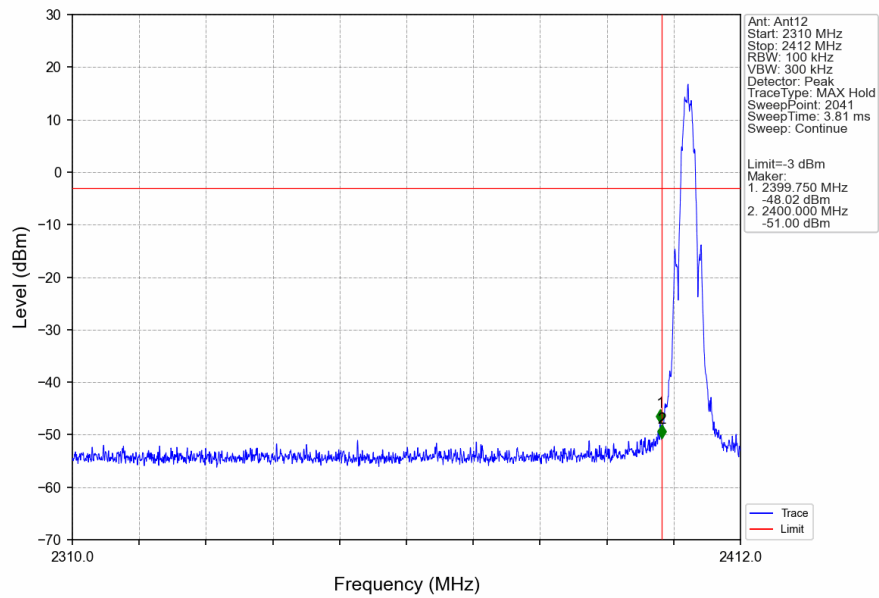
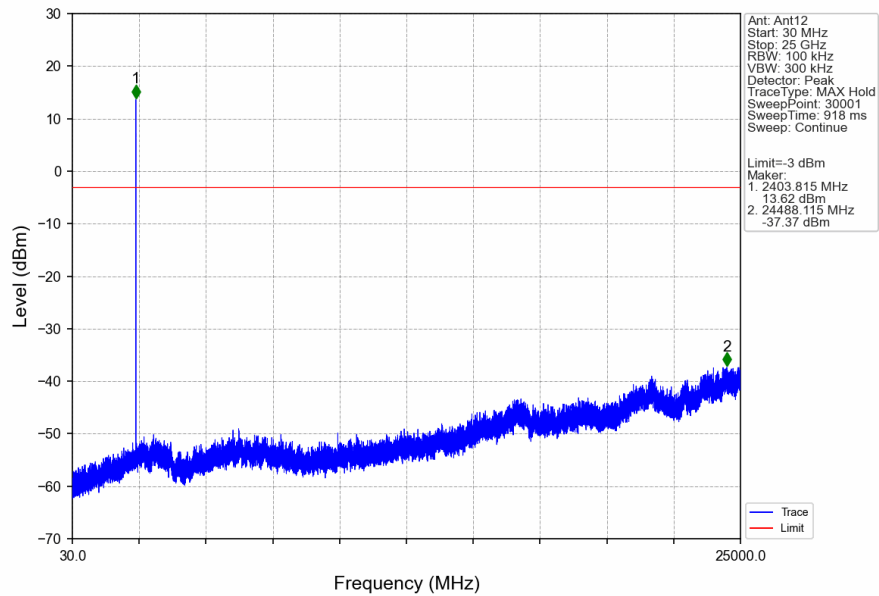


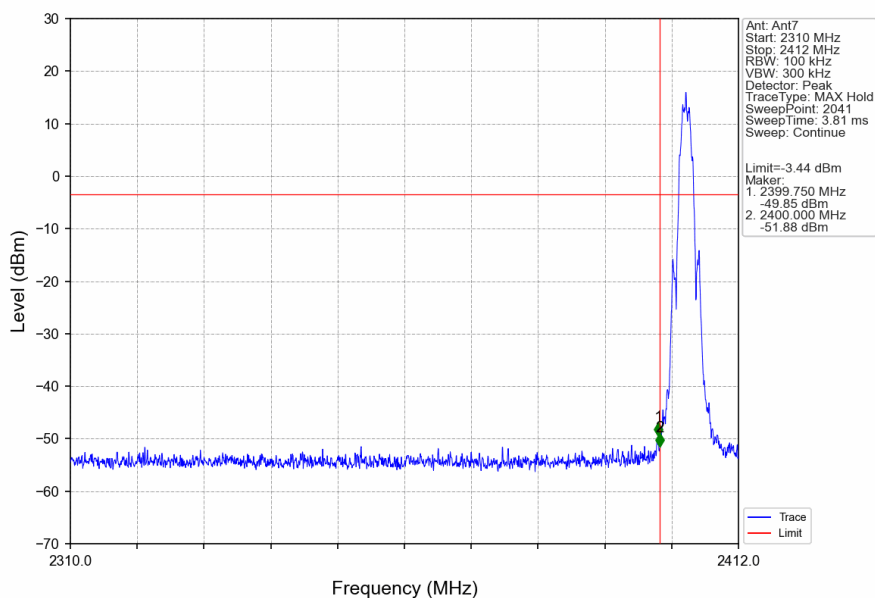
2M_LCH_2404MHz_Ant12_NTNV



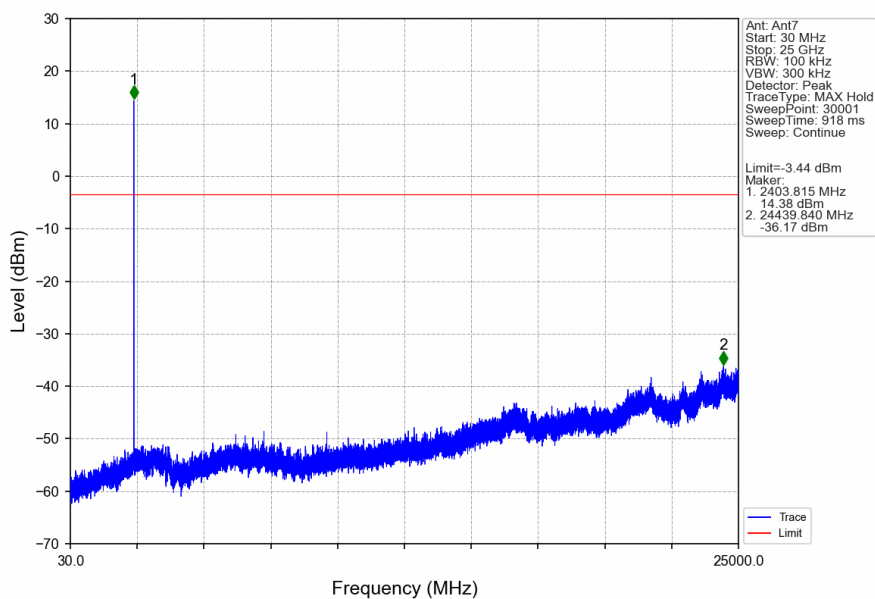
2M_LCH_2404MHz_Ant12_NTNV



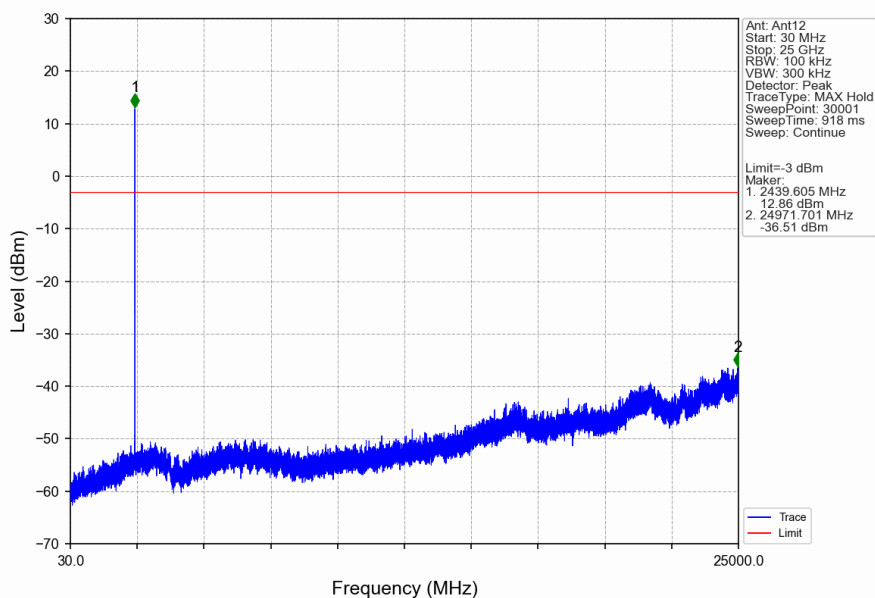
2M LCH 2404MHz Ant7 NTN



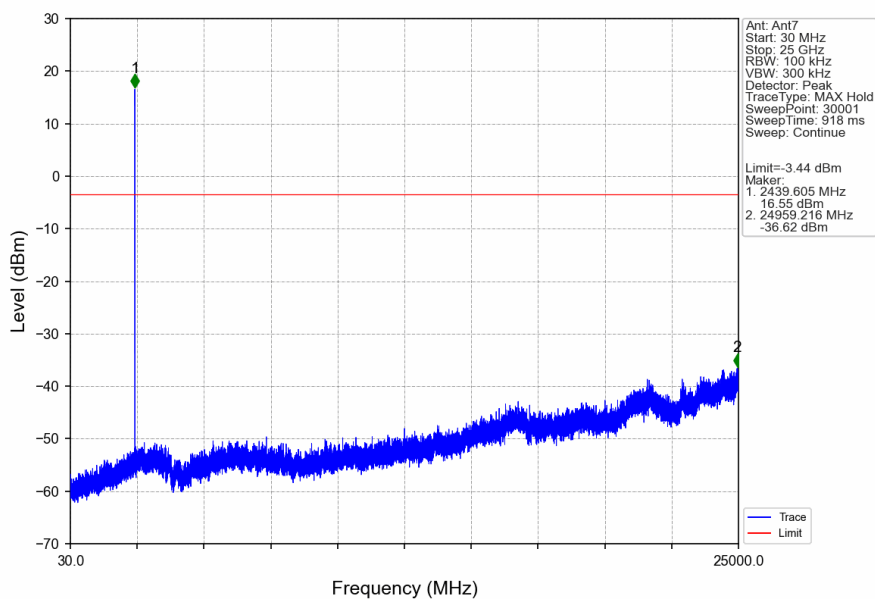
2M LCH 2404MHz Ant7 NTN



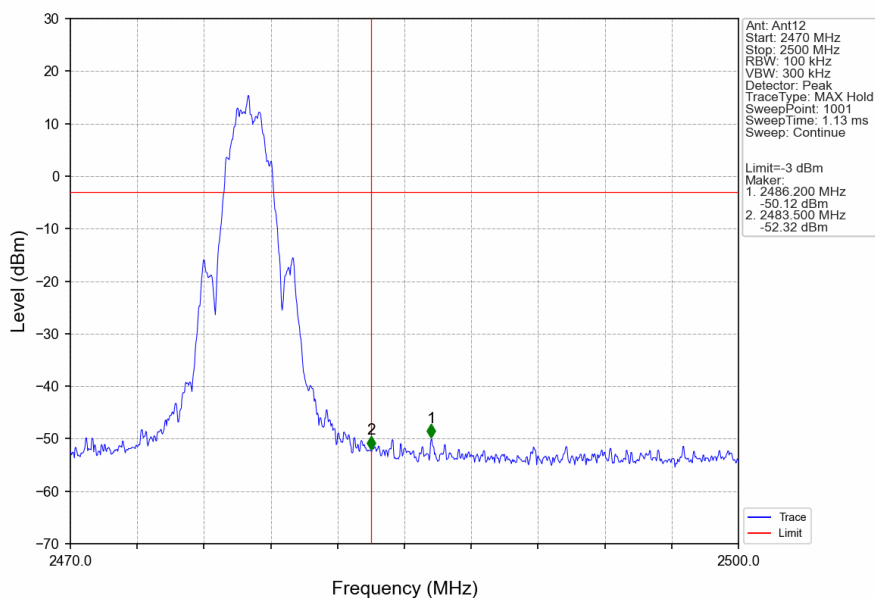
2M MCH 2440MHz Ant12 NTN



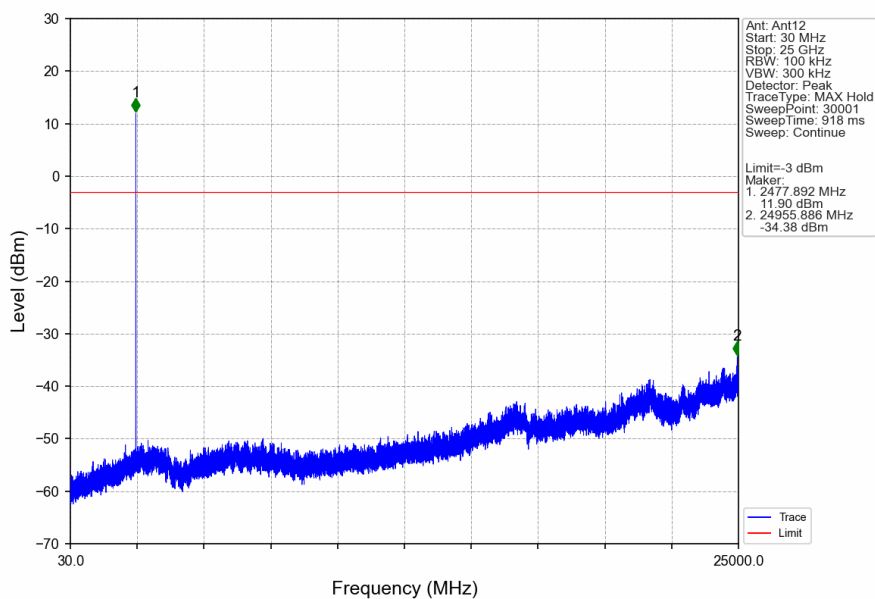
2M MCH 2440MHz Ant7 NTN



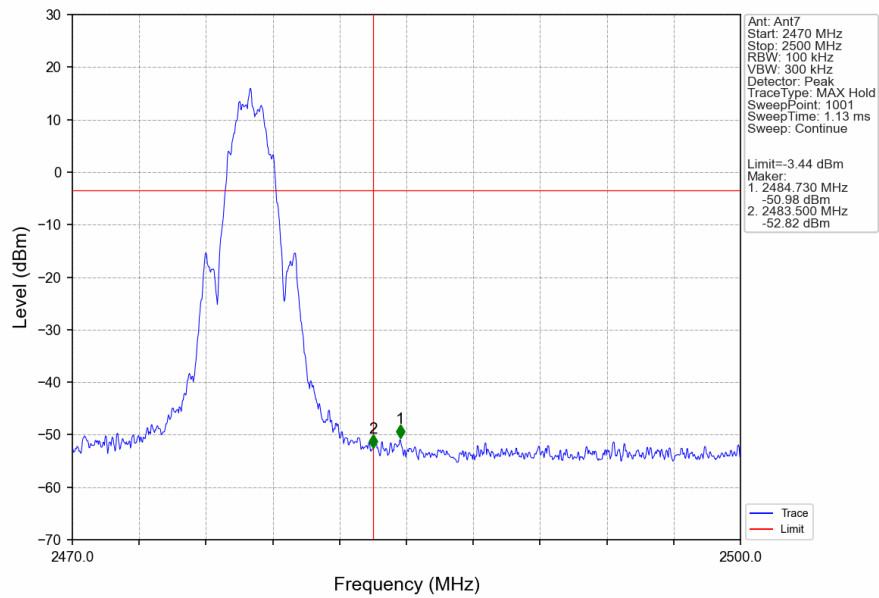
2M_HCH_2478MHz_Ant12_NTNV



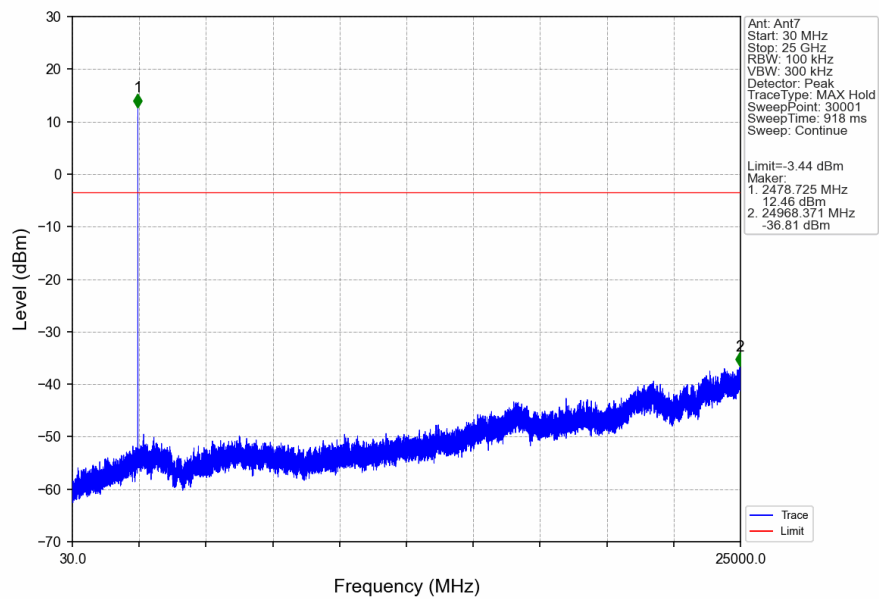
2M_HCH_2478MHz_Ant12_NTNV



2M HCH 2478MHz Ant7 NTN



2M HCH 2478MHz Ant7 NTN



BLE_4M&mHDT:

1. Duty Cycle

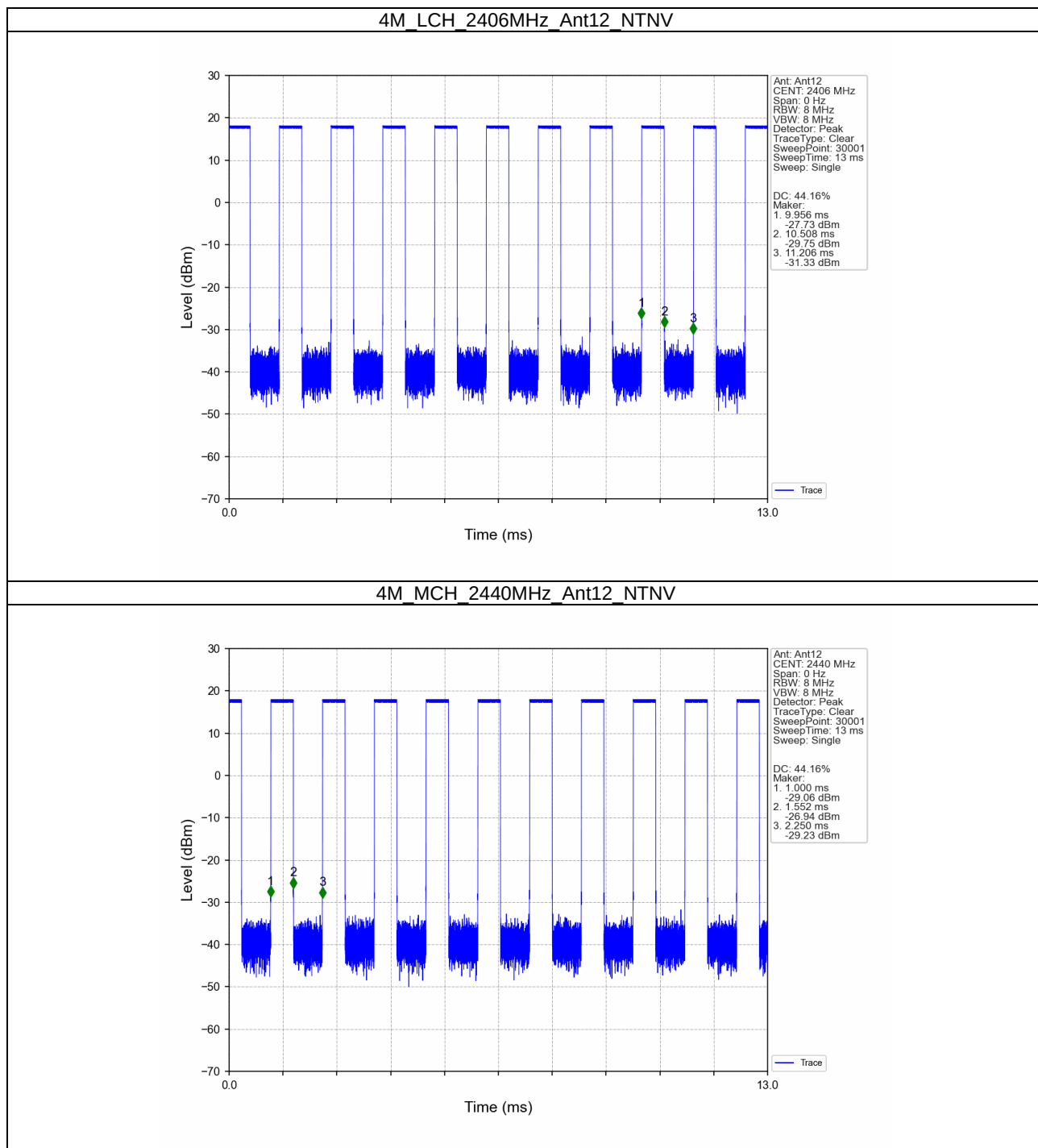
1.1 Test Result

1.1.1 Ant12

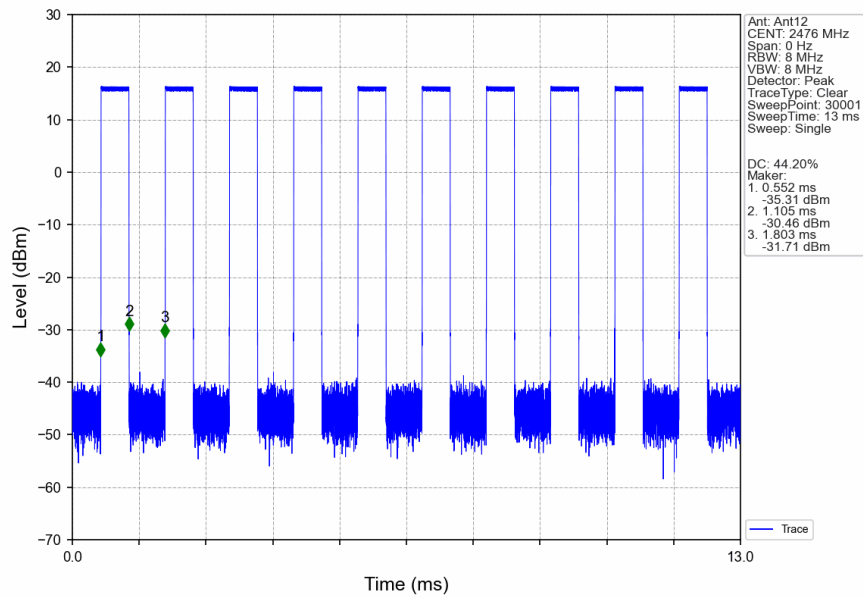
Ant12							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
4M	MIMO	2406	0.552	1.250	44.16	3.55	0.05
		2440	0.552	1.250	44.16	3.55	0.03
		2476	0.553	1.251	44.20	3.55	0.02
mHDT4M	MIMO	2406	16.657	17.507	95.14	0.22	0.03
		2440	16.646	17.500	95.12	0.22	0.00
		2476	16.650	17.500	95.14	0.22	0.00
mHDT8M	MIMO	2406	8.447	8.750	96.54	0.15	0.11
		2440	8.446	8.750	96.53	0.15	0.07
		2476	8.447	8.750	96.54	0.15	0.04
mHDT12M	MIMO	2406	5.712	6.251	91.38	0.39	0.03
		2440	5.712	6.251	91.38	0.39	0.04
		2476	5.712	6.251	91.38	0.39	0.04

1.2 Test Graph

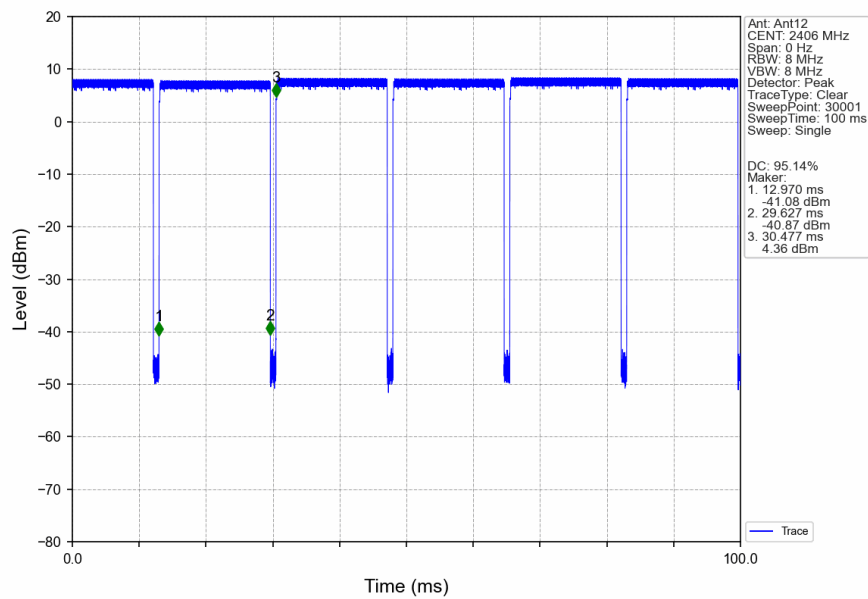
1.2.1 Ant12



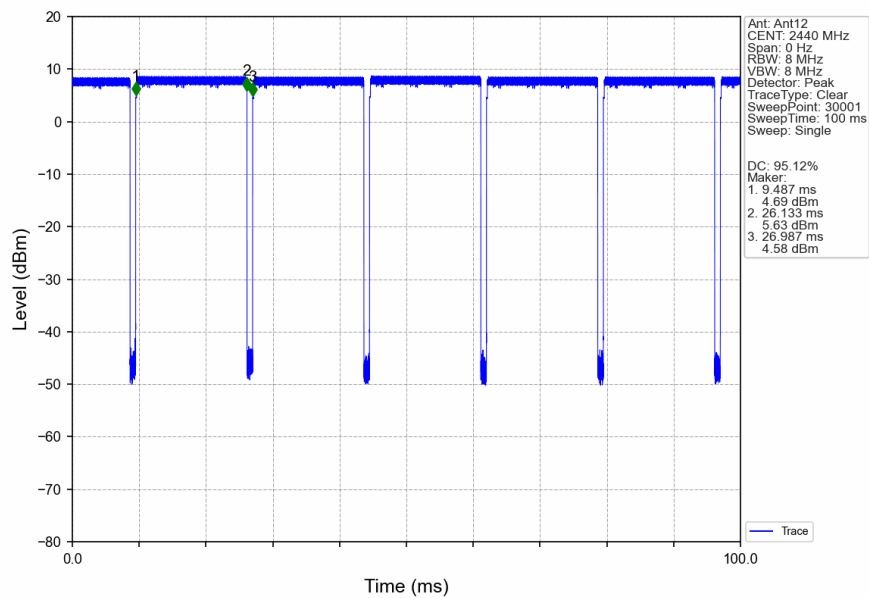
4M_HCH_2476MHz_Ant12_NTNV



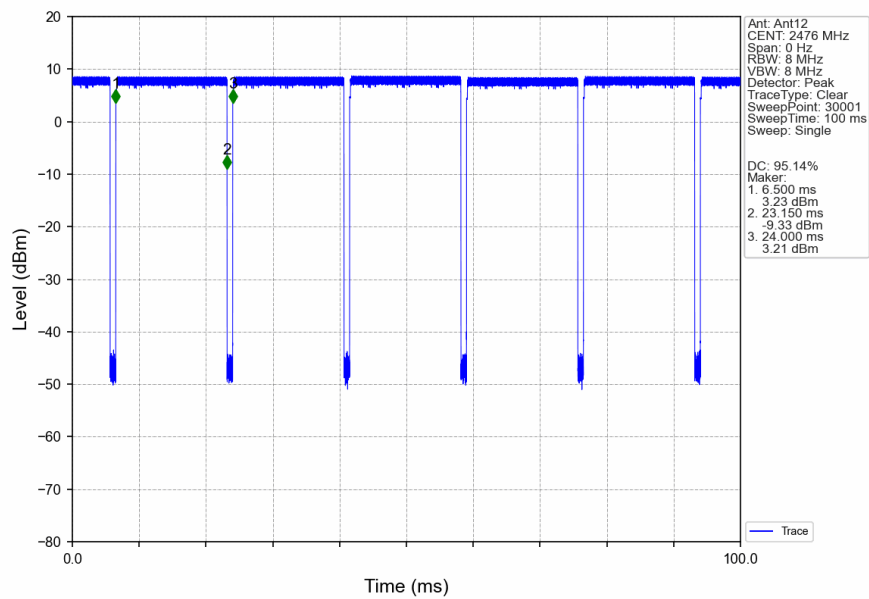
mHDT4M_LCH_2406MHz_Ant12_NTNV



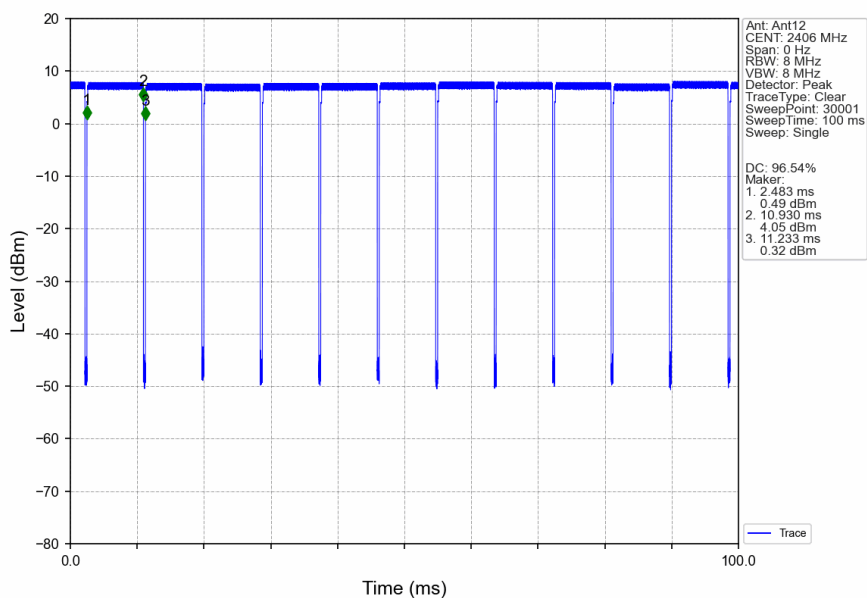
mHDT4M MCH 2440MHz Ant12 NTN



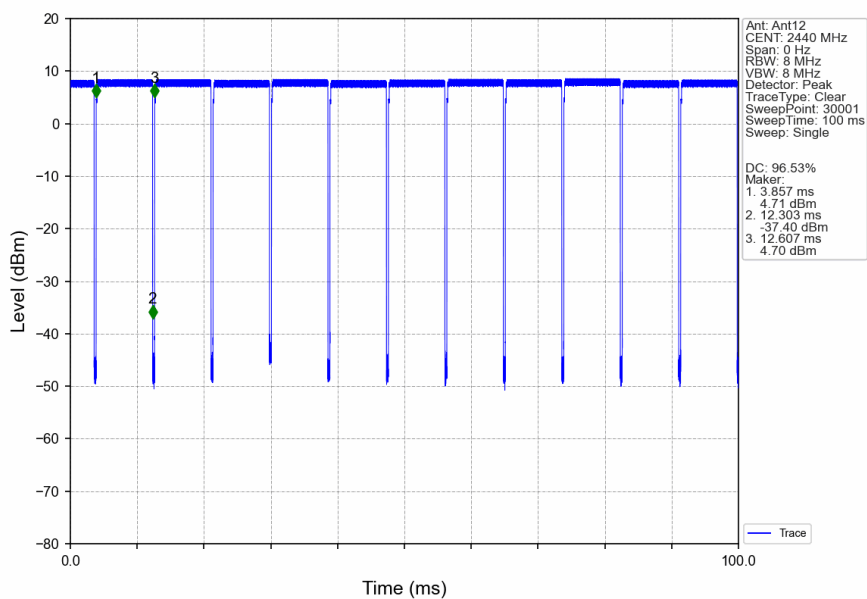
mHDT4M HCH 2476MHz Ant12 NTN



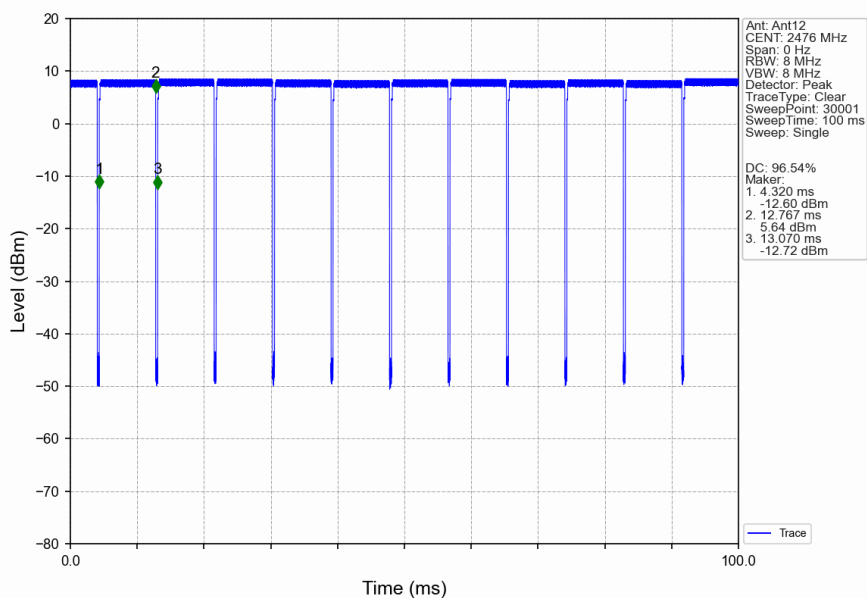
mHDT8M LCH 2406MHz Ant12 NTN



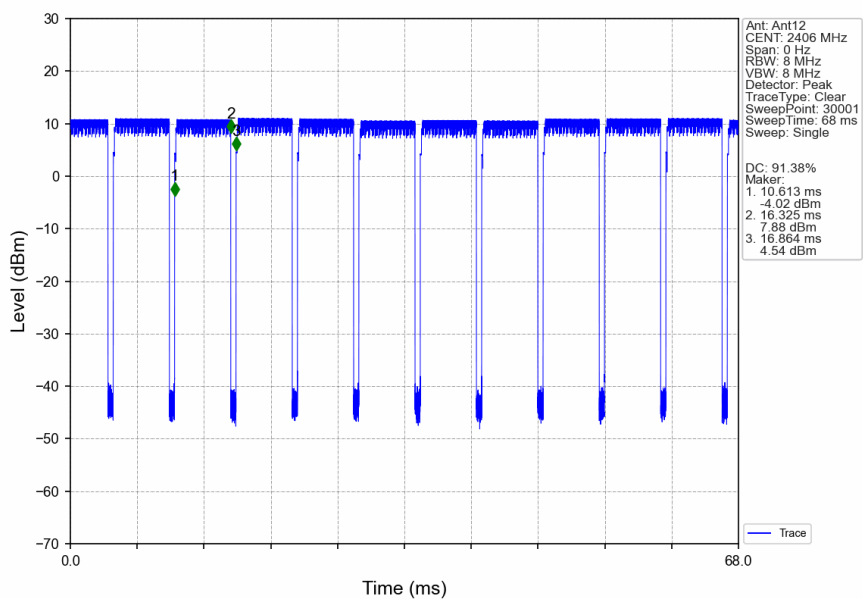
mHDT8M MCH 2440MHz Ant12 NTN



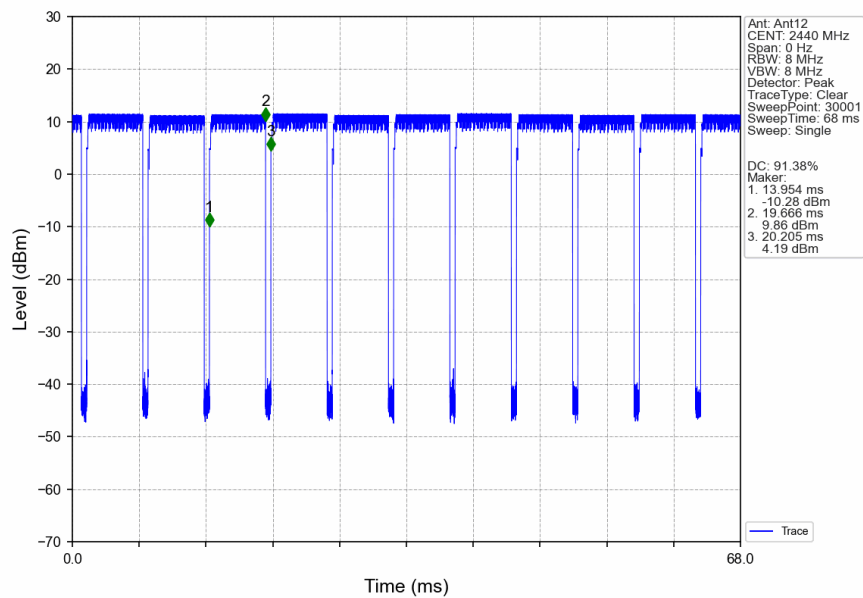
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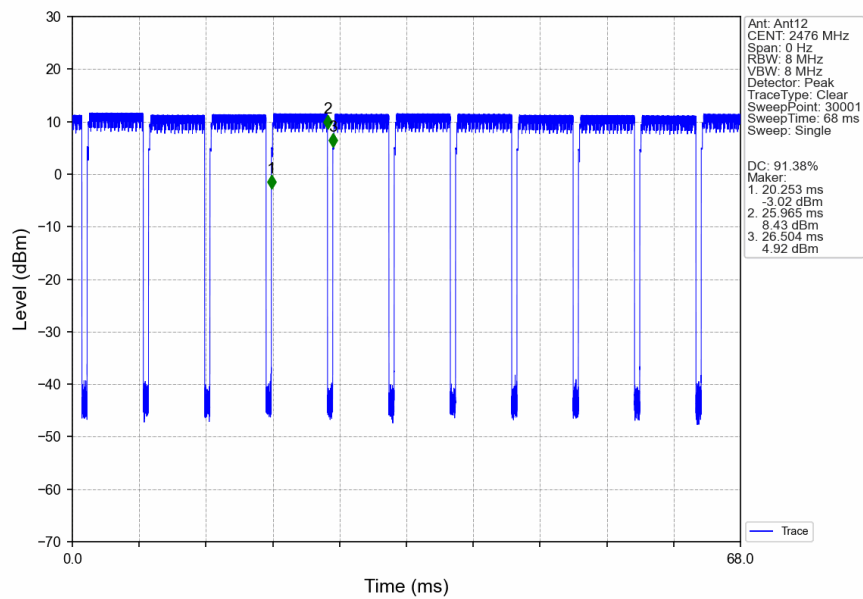
mHDT12M LCH 2406MHz Ant12 NTNV



mHDT12M MCH 2440MHz Ant12 NTN



mHDT12M HCH 2476MHz Ant12 NTN



2. Bandwidth

2.1 Test Result

2.1.1 OBW

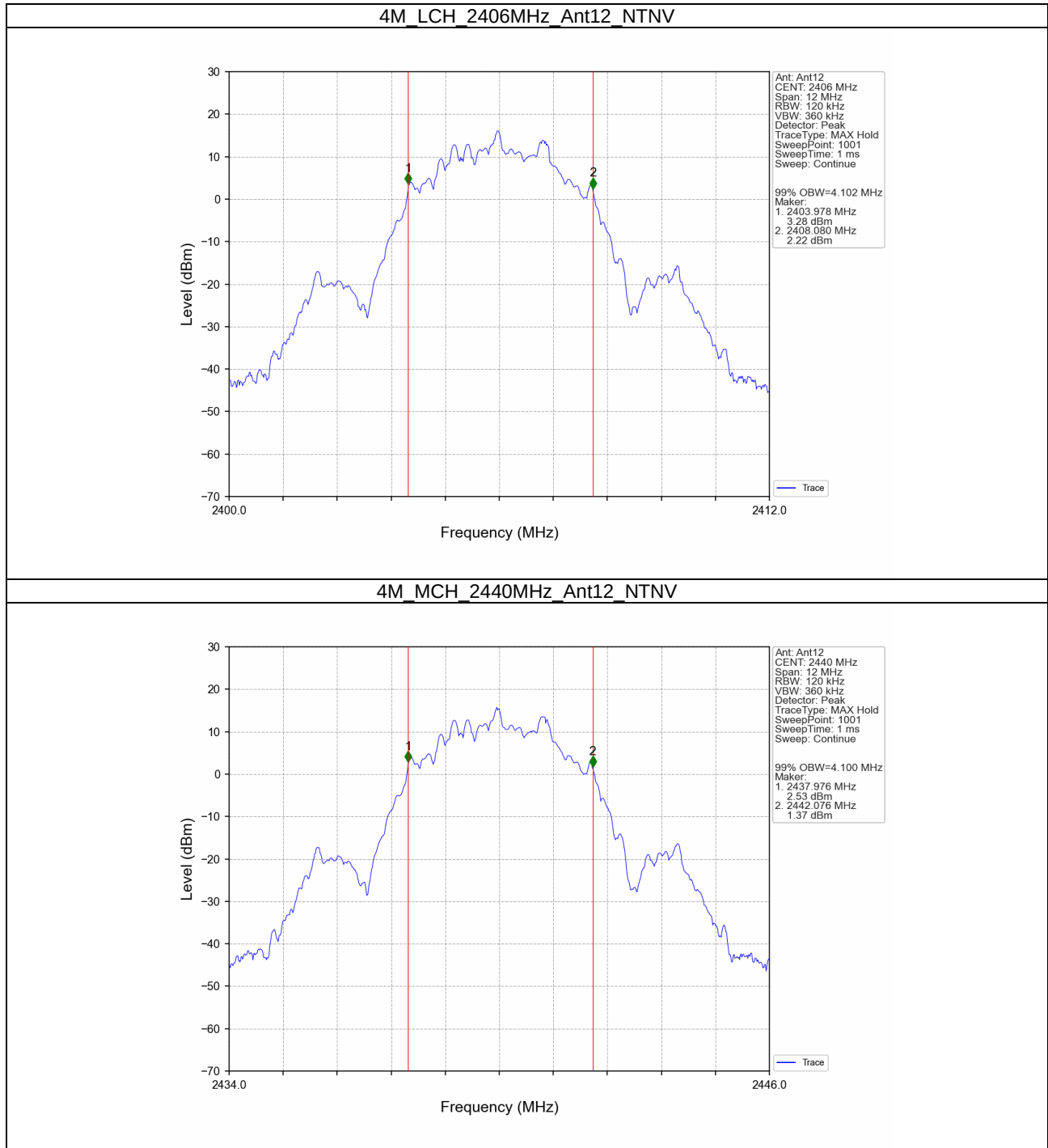
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
4M	MIMO	2406	12	4.102	/	Pass
		2440	12	4.100	/	Pass
		2476	12	4.102	/	Pass
mHDT4M	MIMO	2406	12	2.395	/	Pass
		2440	12	2.380	/	Pass
		2476	12	2.397	/	Pass
mHDT8M	MIMO	2406	12	4.728	/	Pass
		2440	12	4.731	/	Pass
		2476	12	4.704	/	Pass
mHDT12M	MIMO	2406	12	4.831	/	Pass
		2440	12	4.820	/	Pass
		2476	12	4.813	/	Pass

2.1.2 6dB BW

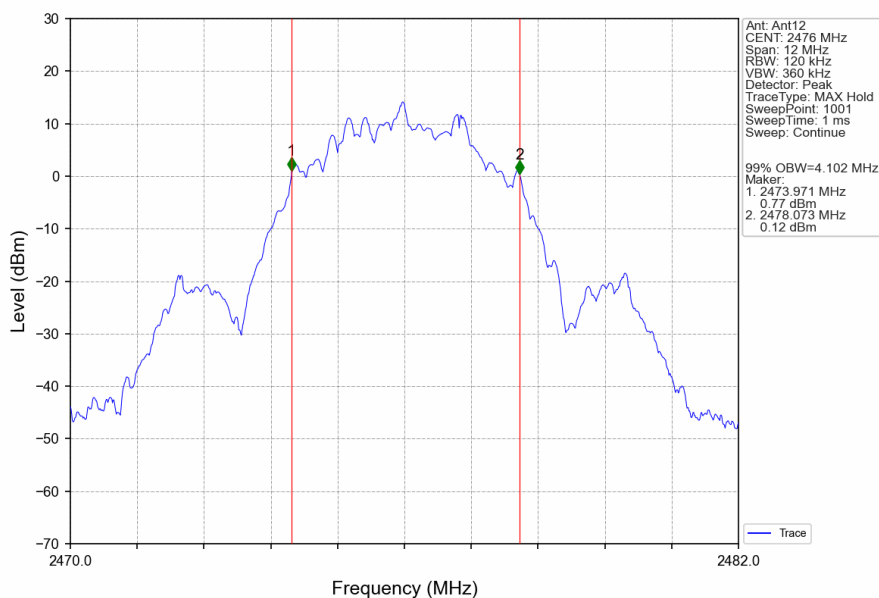
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
4M	MIMO	2406	12	2.197	≥ 0.5	Pass
		2440	12	2.206	≥ 0.5	Pass
		2476	12	2.203	≥ 0.5	Pass
mHDT4M	MIMO	2406	12	1.510	≥ 0.5	Pass
		2440	12	2.116	≥ 0.5	Pass
		2476	12	1.597	≥ 0.5	Pass
mHDT8M	MIMO	2406	12	0.908	≥ 0.5	Pass
		2440	12	0.909	≥ 0.5	Pass
		2476	12	0.912	≥ 0.5	Pass
mHDT12M	MIMO	2406	12	3.268	≥ 0.5	Pass
		2440	12	3.252	≥ 0.5	Pass
		2476	12	2.578	≥ 0.5	Pass

2.2 Test Graph

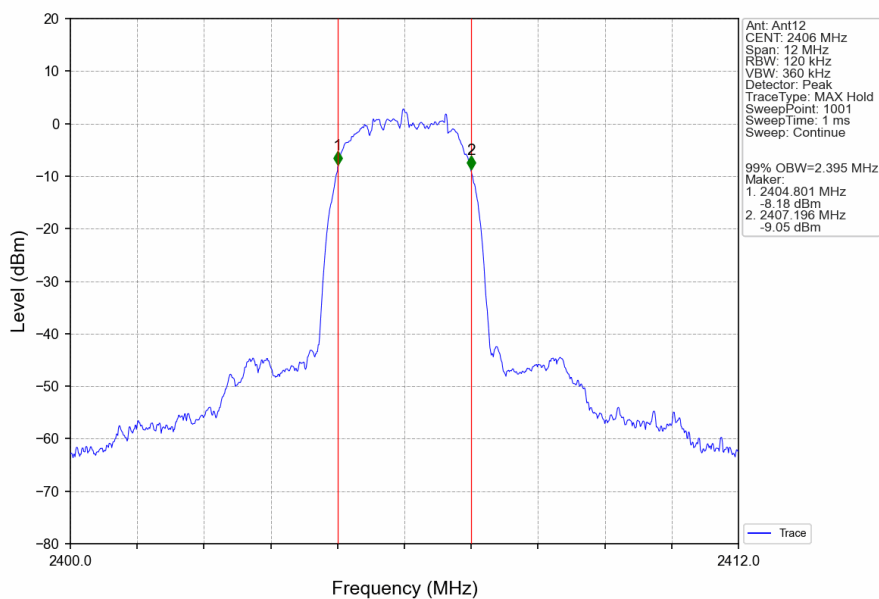
2.2.1 OBW



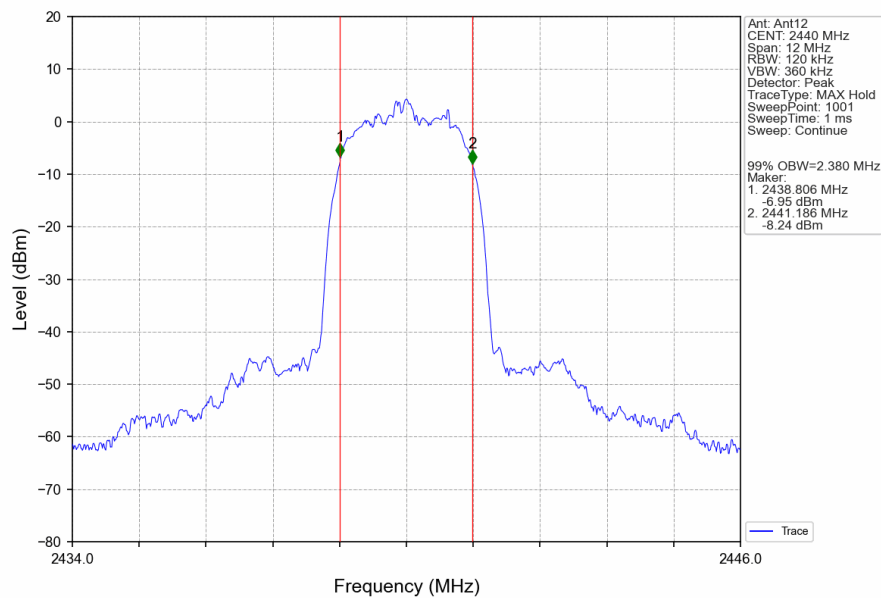
4M_HCH_2476MHz_Ant12_NTNV



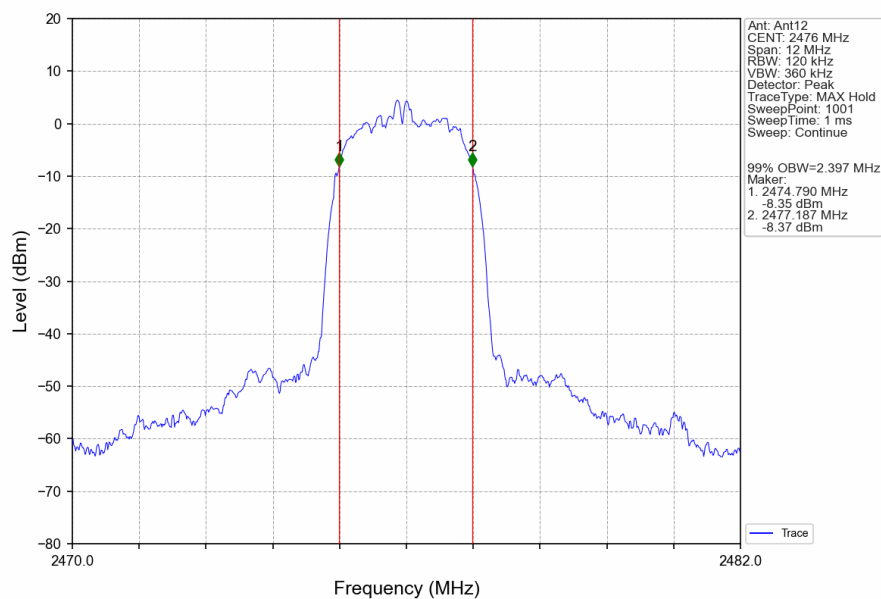
mHDT4M_LCH_2406MHz_Ant12_NTNV



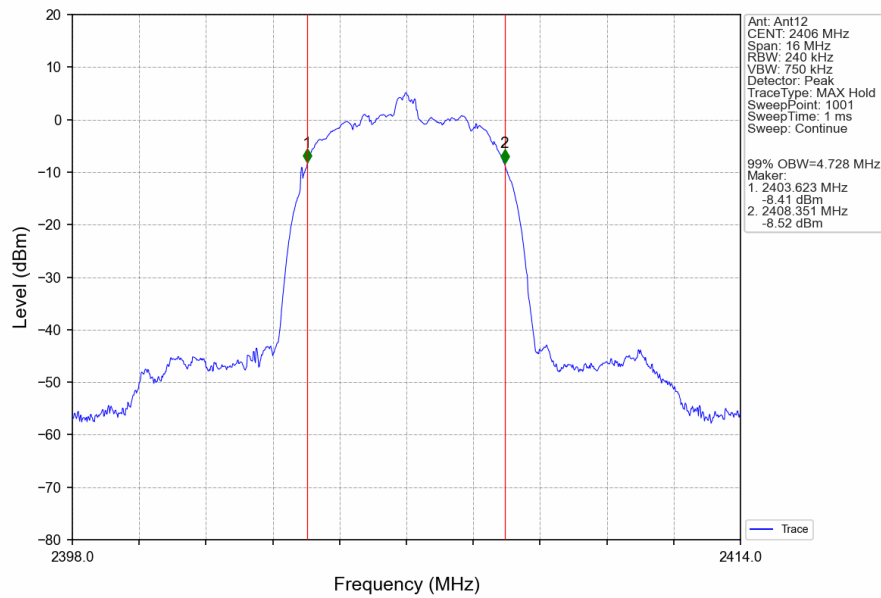
mHDT4M MCH 2440MHz Ant12 NTN



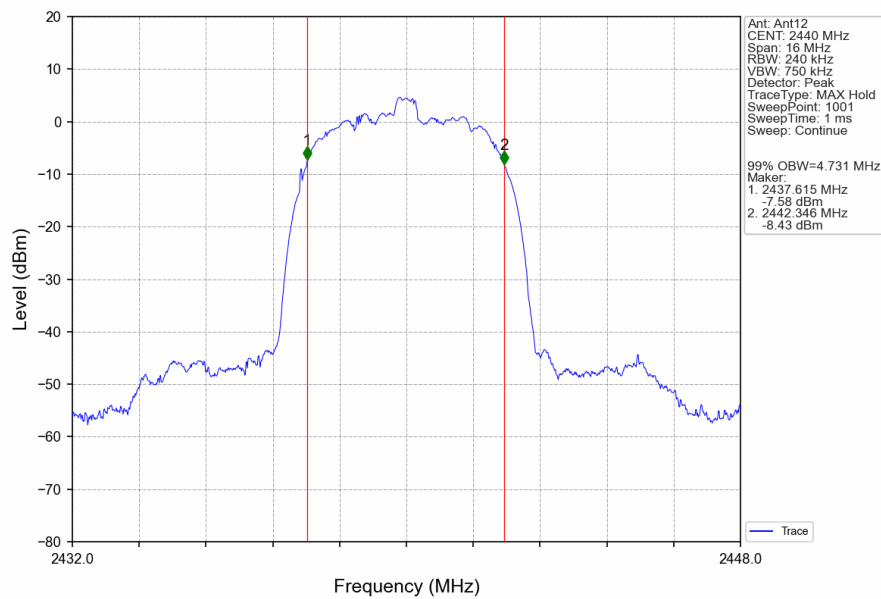
mHDT4M HCH 2476MHz Ant12 NTN



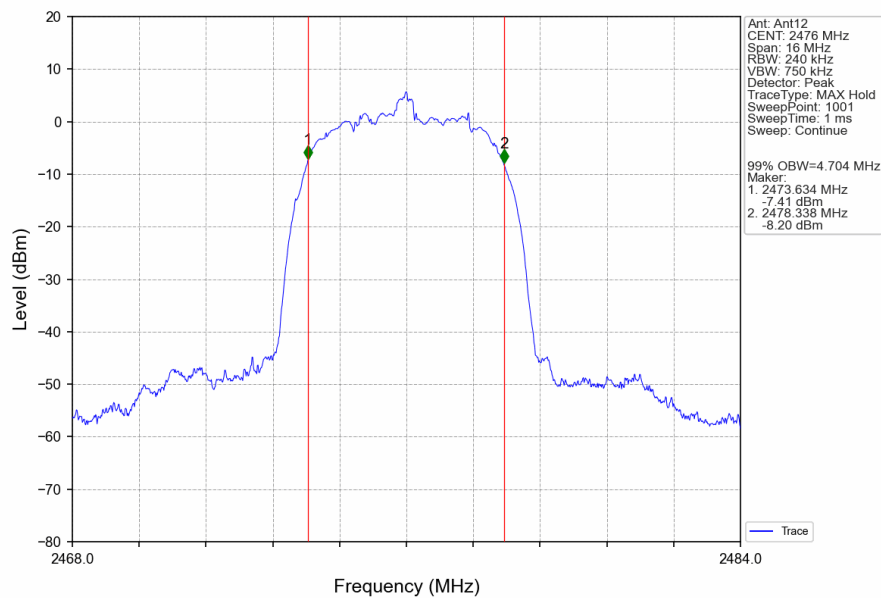
mHDT8M LCH 2406MHz Ant12 NTN



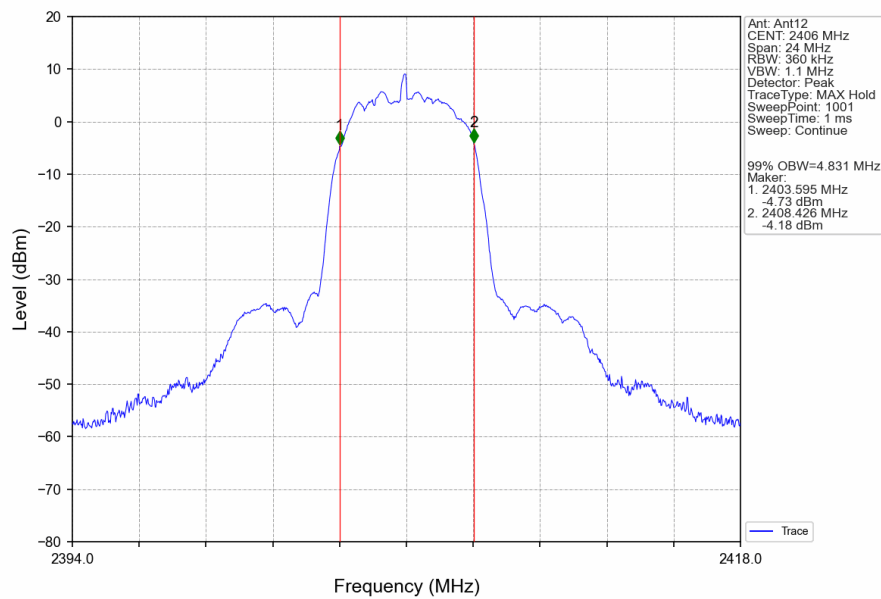
mHDT8M MCH 2440MHz Ant12 NTN



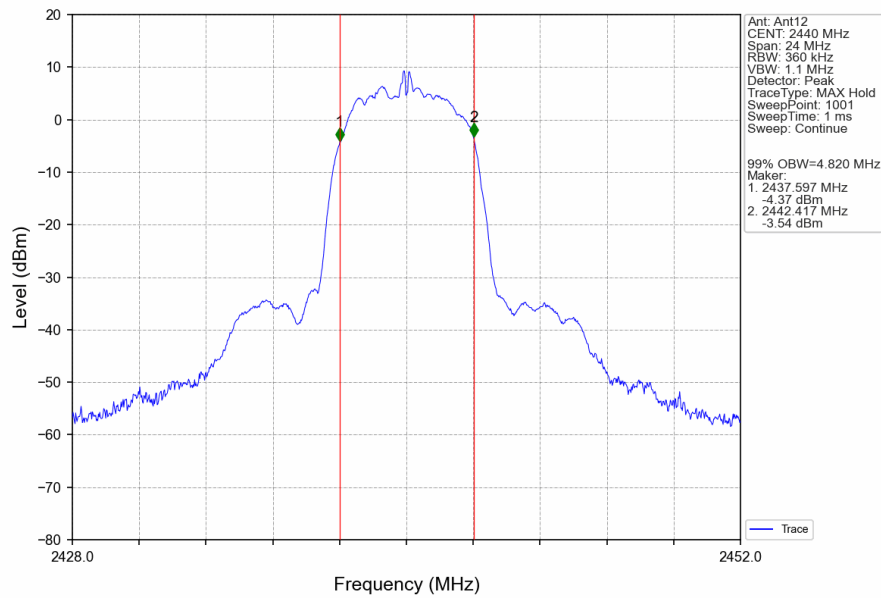
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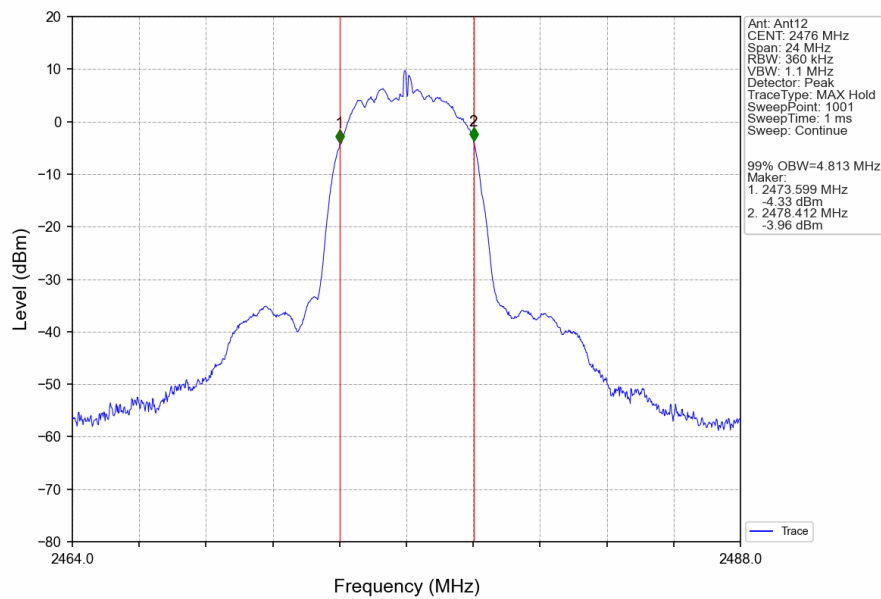
mHDT12M LCH 2406MHz Ant12 NTN



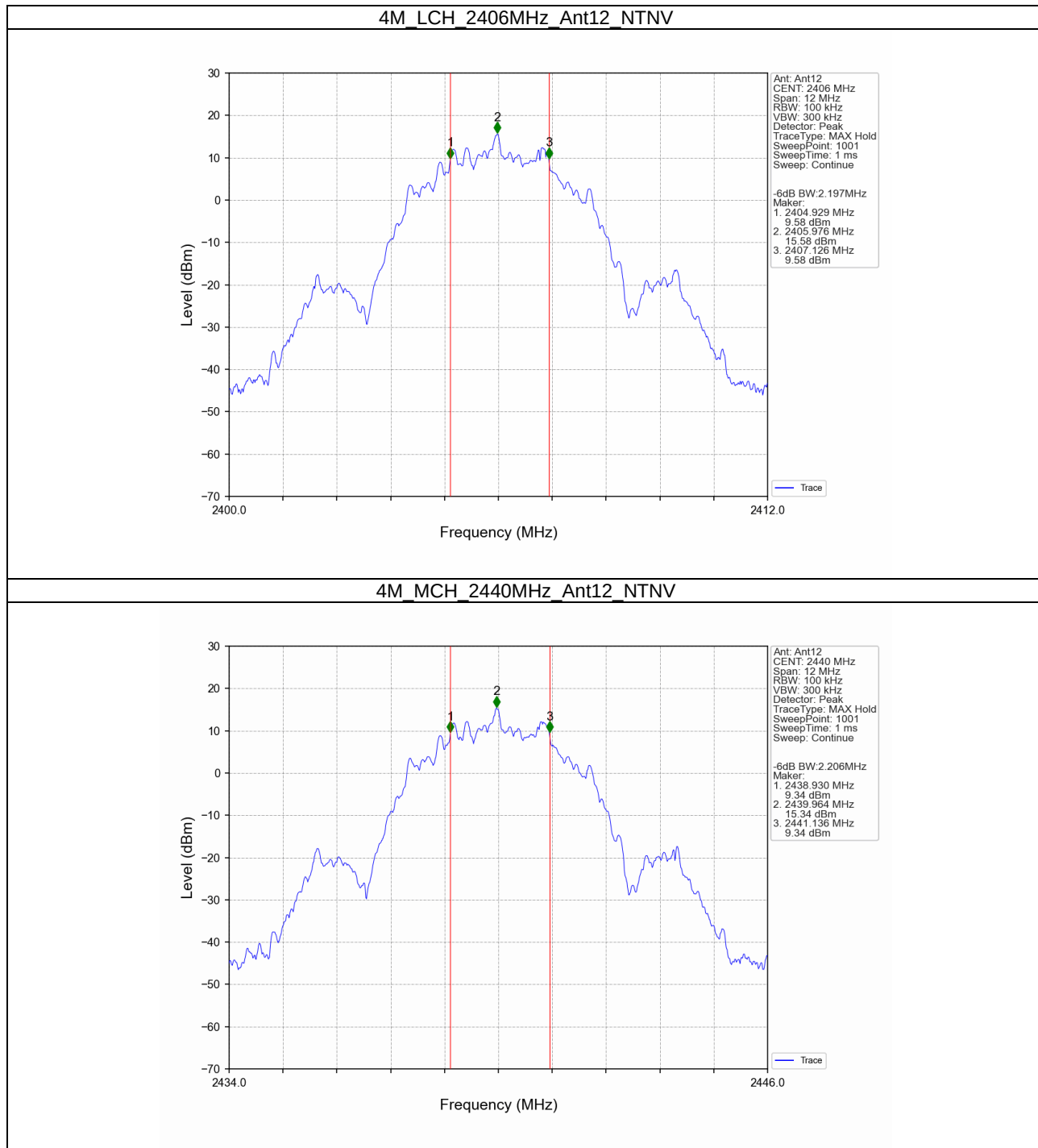
mHDT12M MCH 2440MHz Ant12 NTN



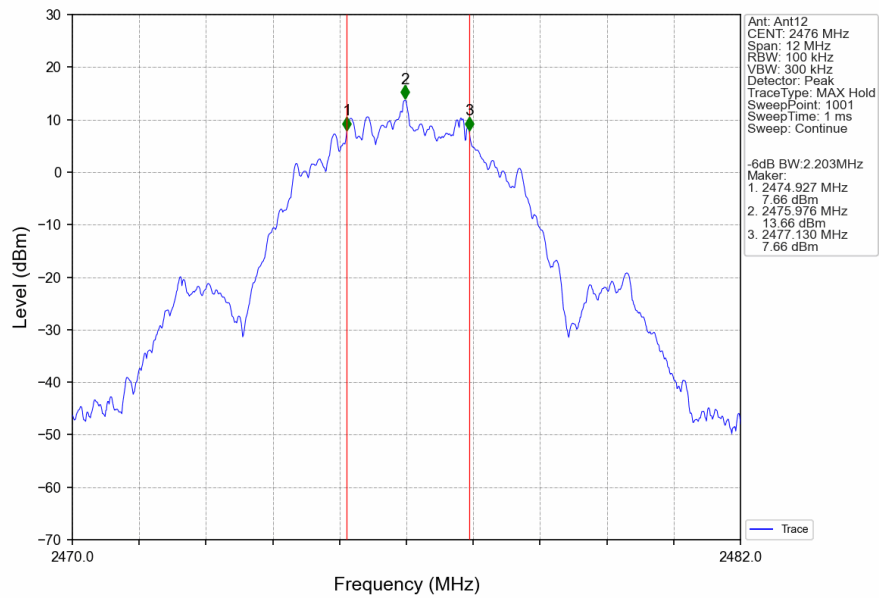
mHDT12M HCH 2476MHz Ant12 NTN



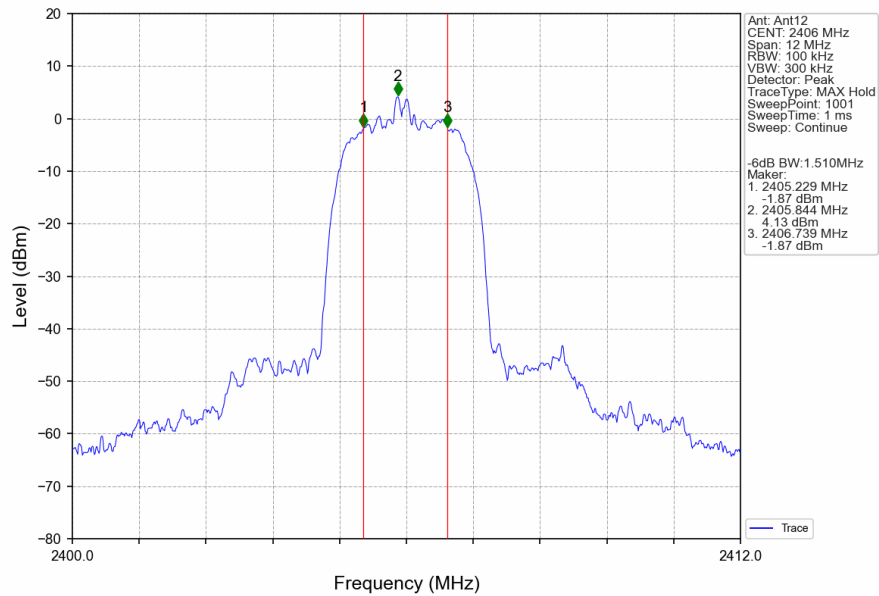
2.2.2 6dB BW



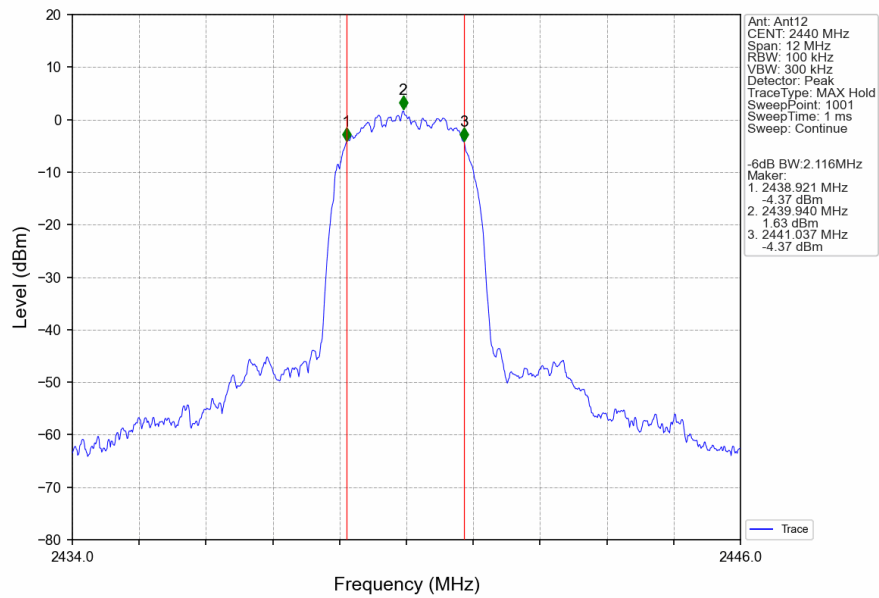
4M_HCH_2476MHz_Ant12_NTNV



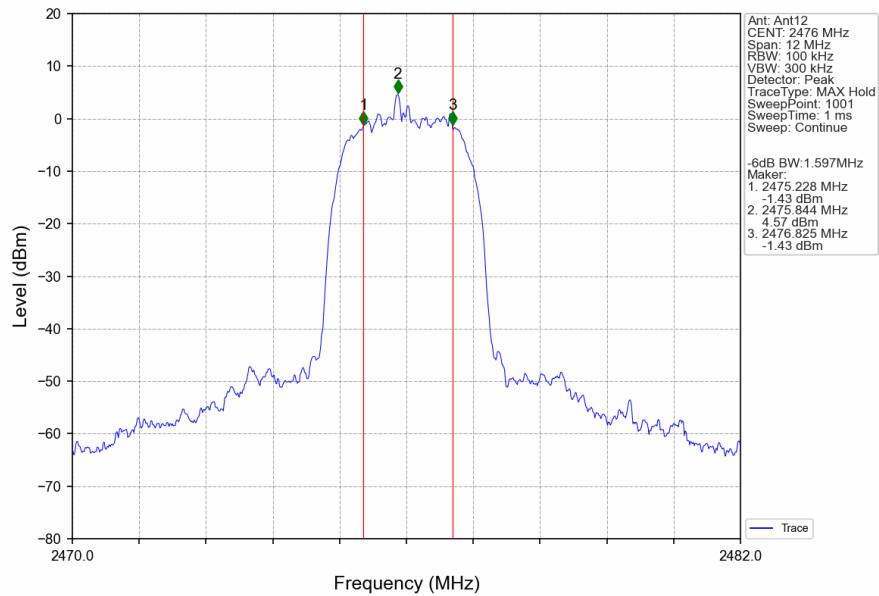
mHDT4M_LCH_2406MHz_Ant12_NTNV



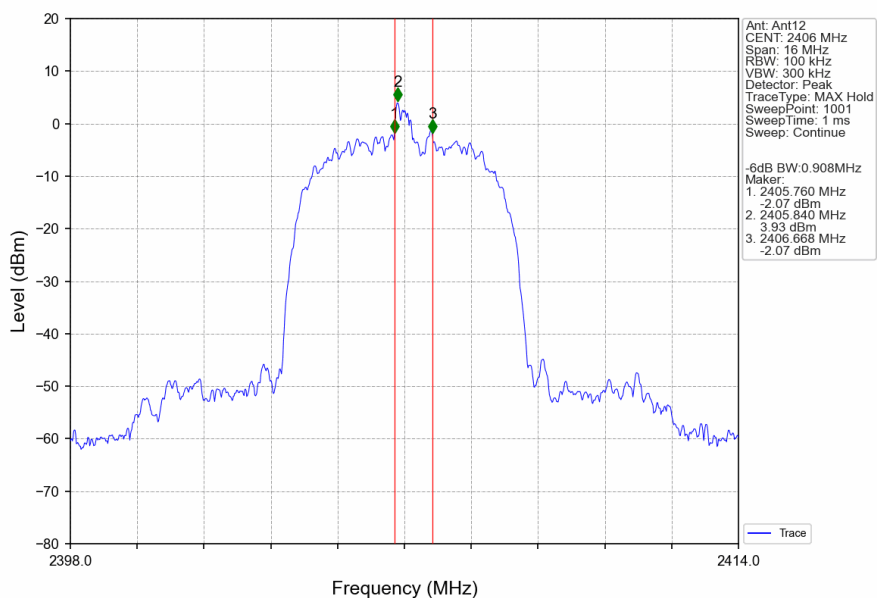
mHDT4M MCH 2440MHz Ant12 NTN



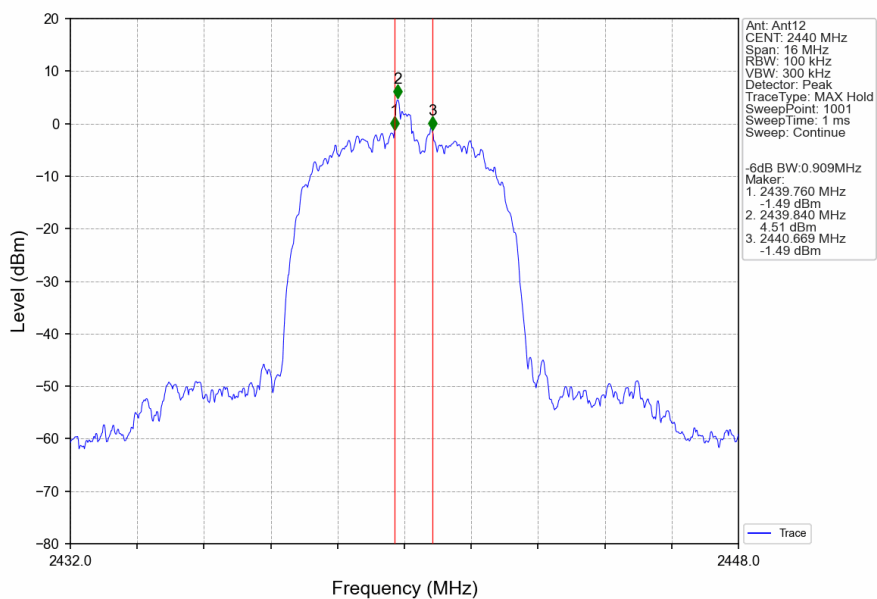
mHDT4M HCH 2476MHz Ant12 NTN



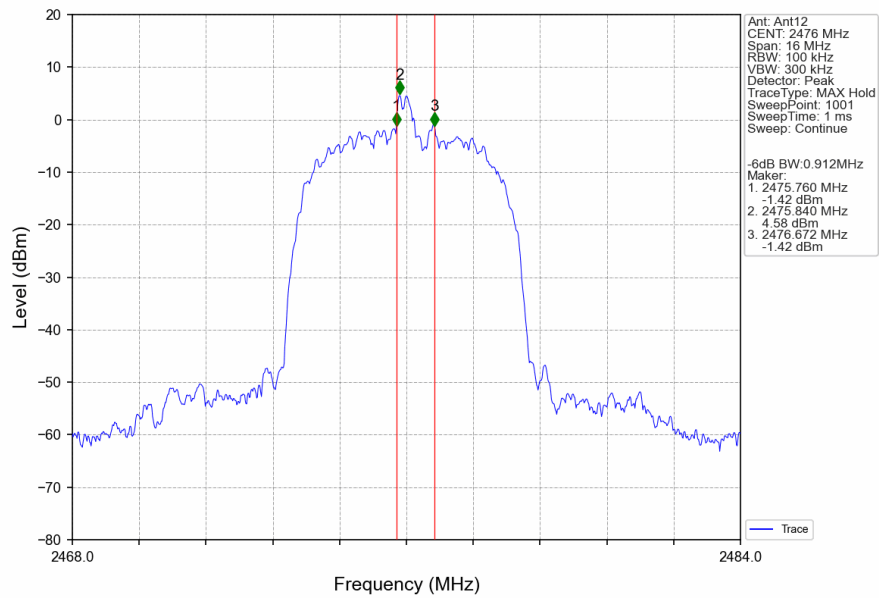
mHDT8M LCH 2406MHz Ant12 NTNV



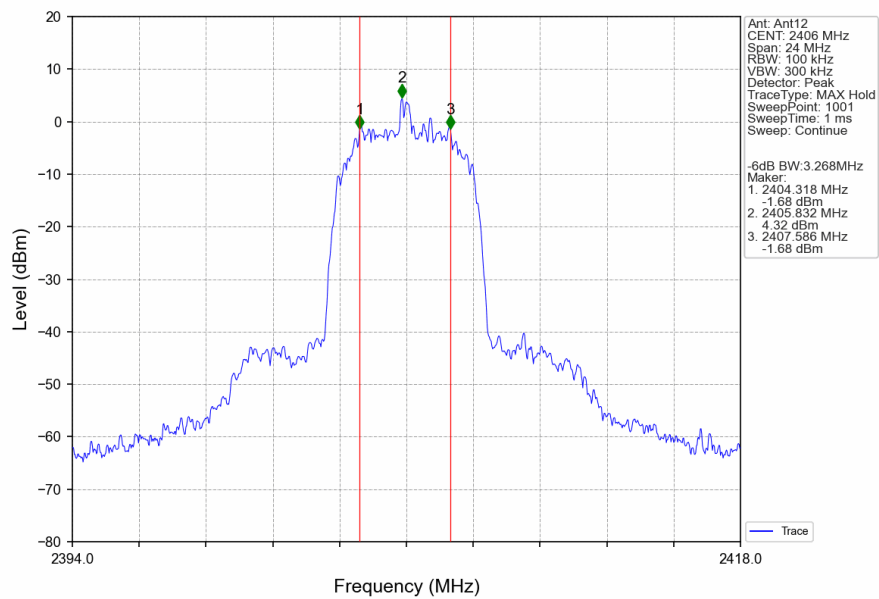
mHDT8M MCH 2440MHz Ant12 NTNV



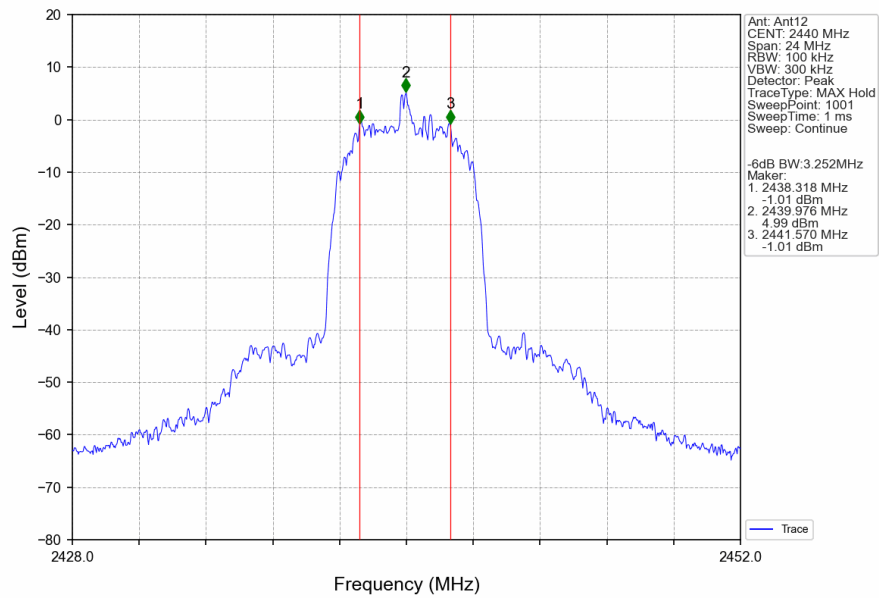
mHDT8M HCH 2476MHz Ant12 NTNV



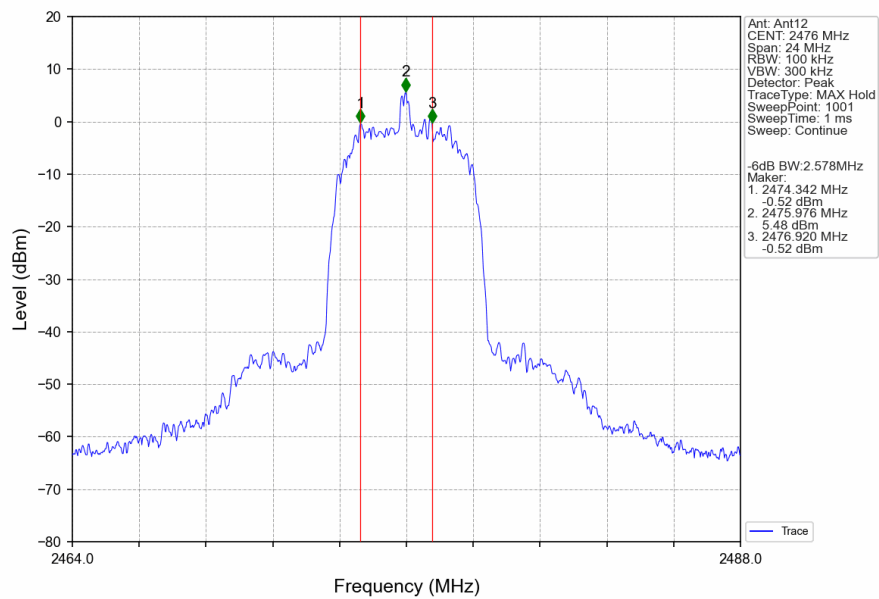
mHDT12M LCH 2406MHz Ant12 NTNV



mHDT12M MCH 2440MHz Ant12 NTN



mHDT12M HCH 2476MHz Ant12 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
			ANT12	ANT7	MIMO	Limit	
4M	MIMO	2406	16.11	16.33	19.23	<=30	Pass
		2440	16.22	16.38	19.31	<=30	Pass
		2476	15.67	16.37	19.04	<=30	Pass
mHDT4M	MIMO	2406	7.78	8.23	11.02	<=30	Pass
		2440	8.6	9.08	11.86	<=30	Pass
		2476	8.36	7.74	11.07	<=30	Pass
mHDT8M	MIMO	2406	6.36	5.91	9.15	<=30	Pass
		2440	6.76	6.06	9.43	<=30	Pass
		2476	6.78	6.39	9.60	<=30	Pass
mHDT12M	MIMO	2406	7.58	8.56	11.11	<=30	Pass
		2440	8.01	8.75	11.41	<=30	Pass
		2476	7.75	8.82	11.33	<=30	Pass

Note1: Antenna Gain: Ant12: -2.50dBi; Ant7: -2.00dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

4. Maximum Power Spectral Density

4.1 Test Result

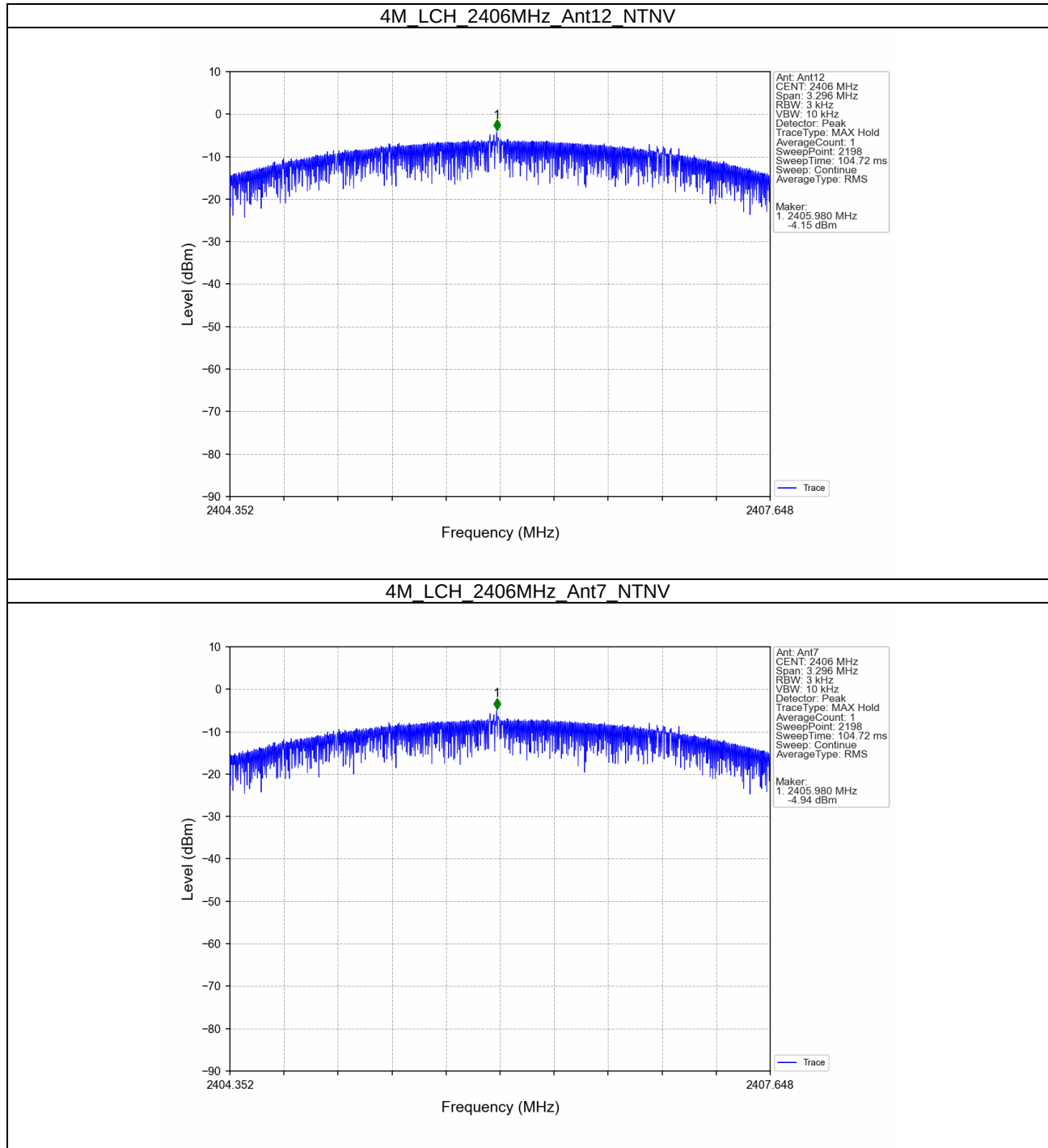
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)				Verdict
			ANT12	ANT7	MIMO	Limit	
4M	MIMO	2406	-4.15	-4.94	-1.52	<=8	Pass
		2440	-4.25	-4.73	-1.47	<=8	Pass
		2476	-6.14	-4.84	-2.43	<=8	Pass
mHDT4M	MIMO	2406	-11.48	-11.84	-8.65	<=8	Pass
		2440	-13.88	-10.46	-10.23	<=8	Pass
		2476	-14.02	-12.53	-11.08	<=8	Pass
mHDT8M	MIMO	2406	-11.74	-11.11	-8.41	<=8	Pass
		2440	-10.93	-13.02	-10.75	<=8	Pass
		2476	-11.17	-12.04	-8.57	<=8	Pass
mHDT12M	MIMO	2406	-11.37	-10.70	-8.01	<=8	Pass
		2440	-11.84	-10.67	-8.57	<=8	Pass
		2476	-12.39	-11.38	-9.73	<=8	Pass

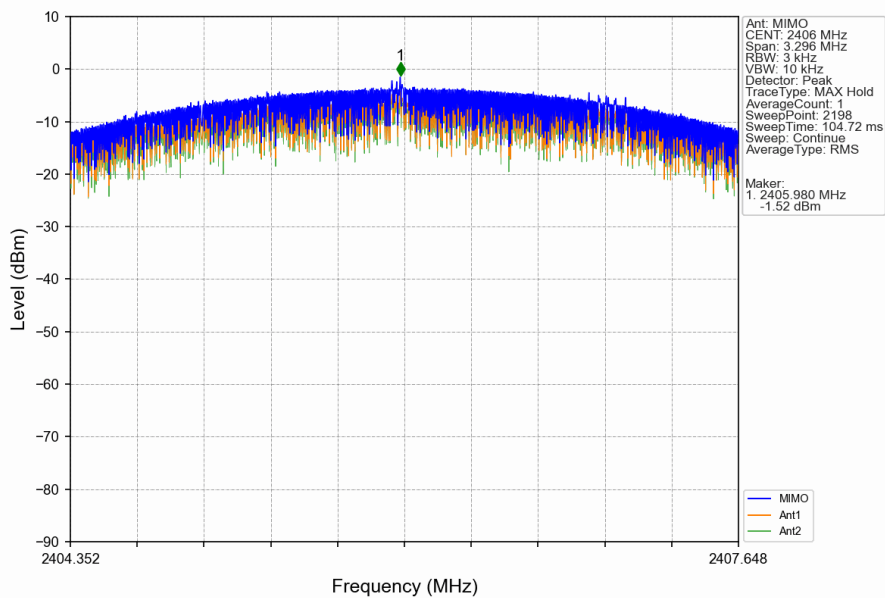
Note1: Antenna Gain: Ant12: -2.50dBi; Ant7: -2.00dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

4.2 Test Graph

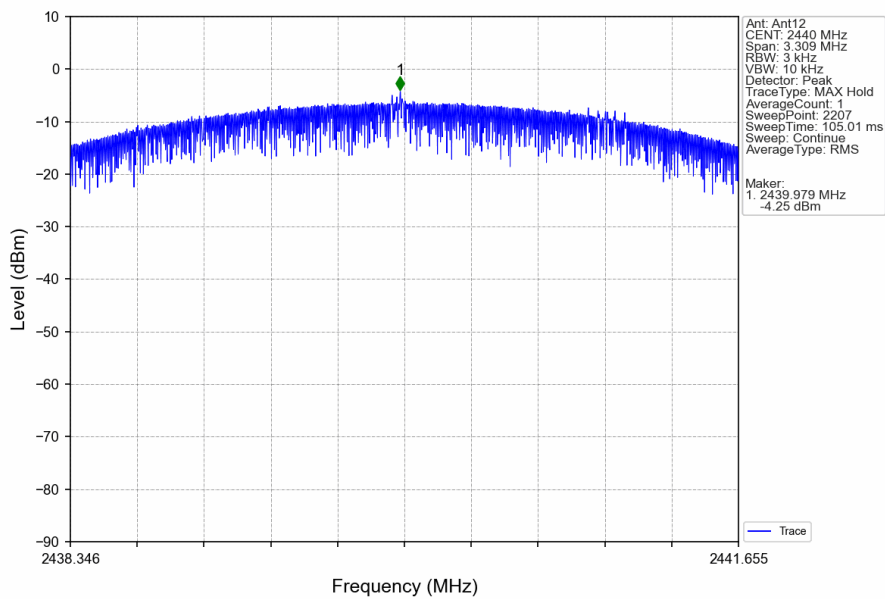
4.2.1 PSD



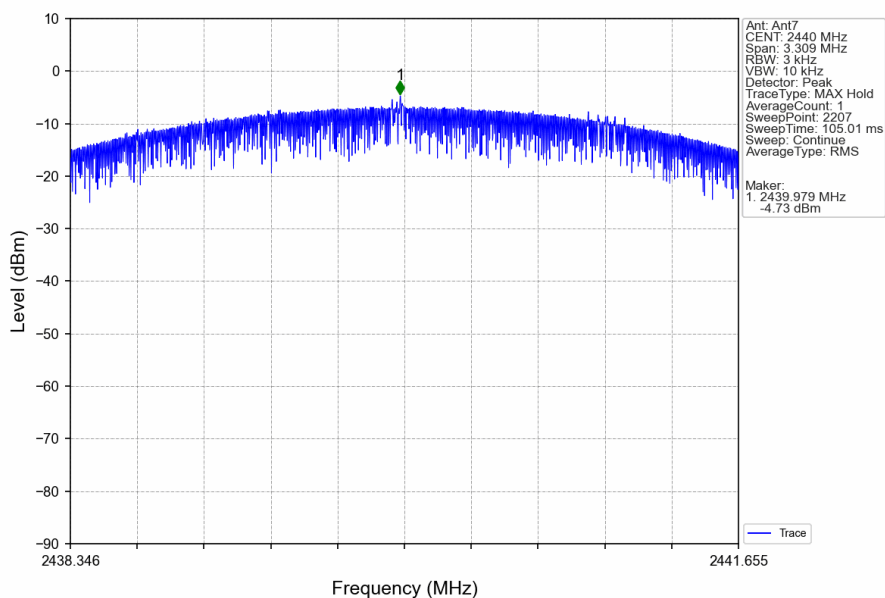
4M_LCH_2406MHz_MIMO_NTNV



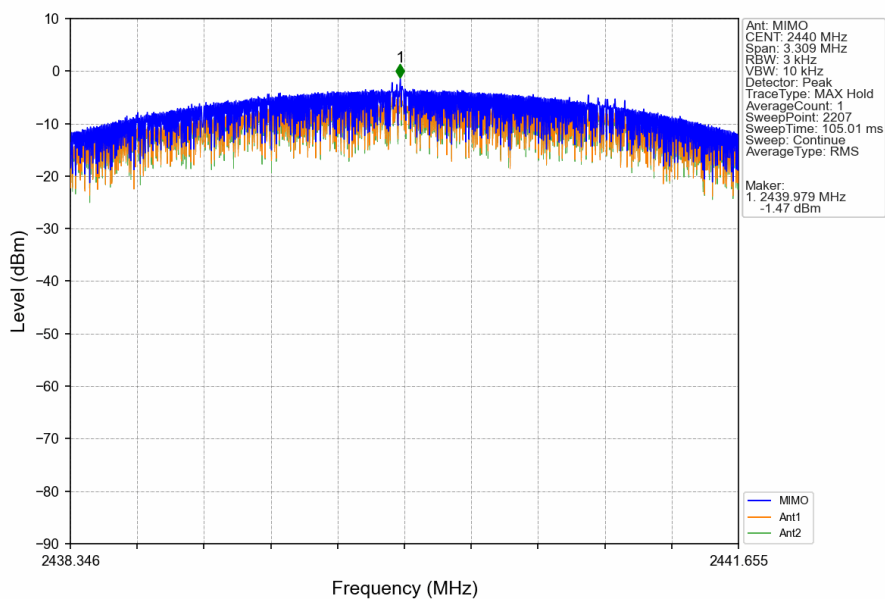
4M_MCH_2440MHz_Ant12_NTNV



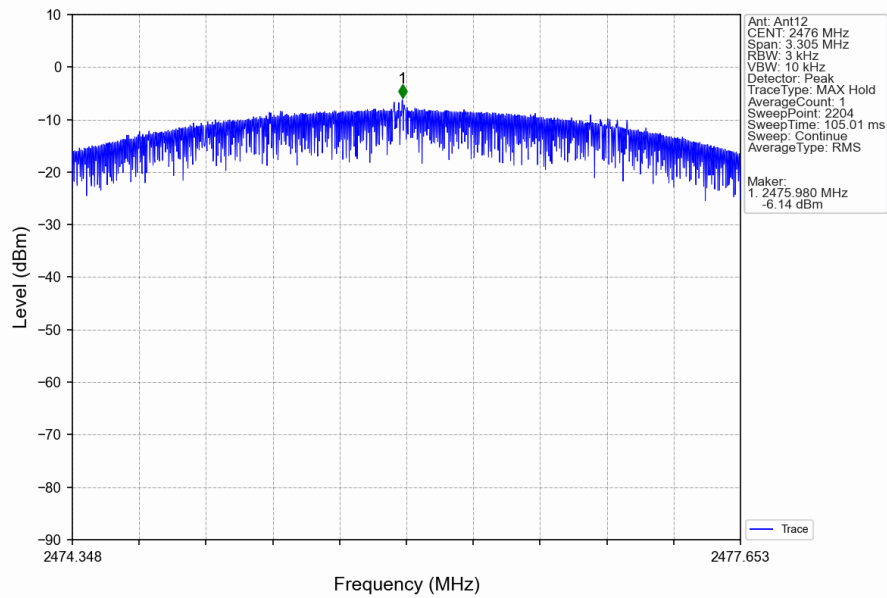
4M MCH 2440MHz Ant7 NTN



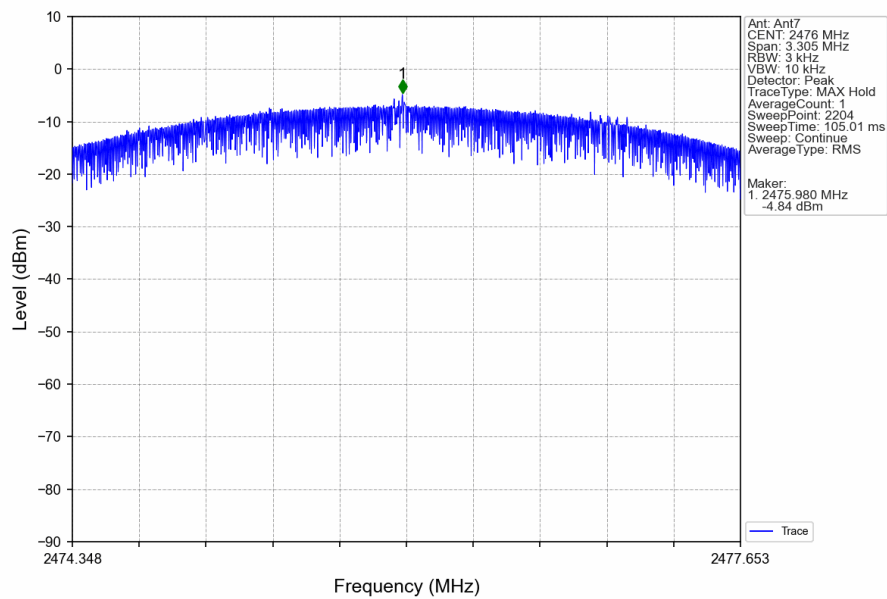
4M MCH 2440MHz MIMO NTN



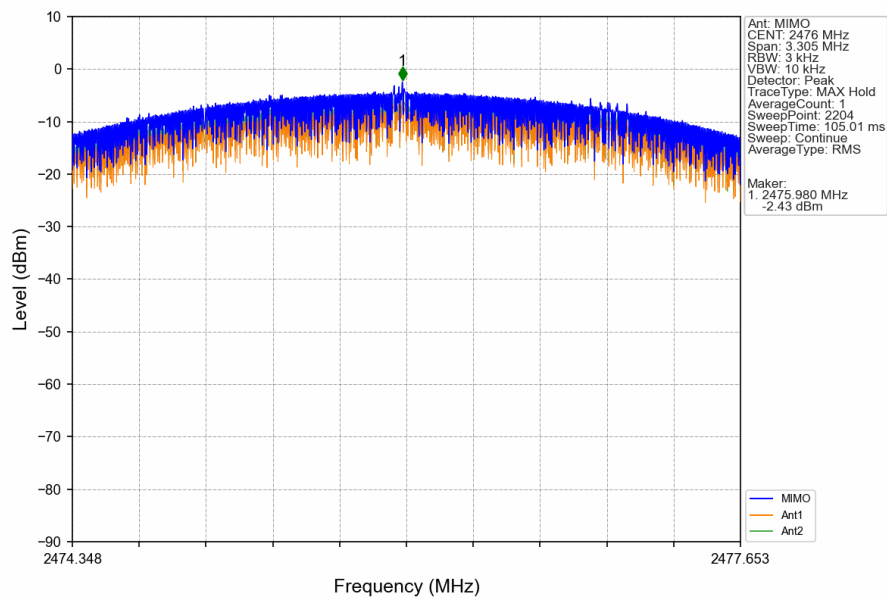
4M HCH 2476MHz Ant12 NTNV



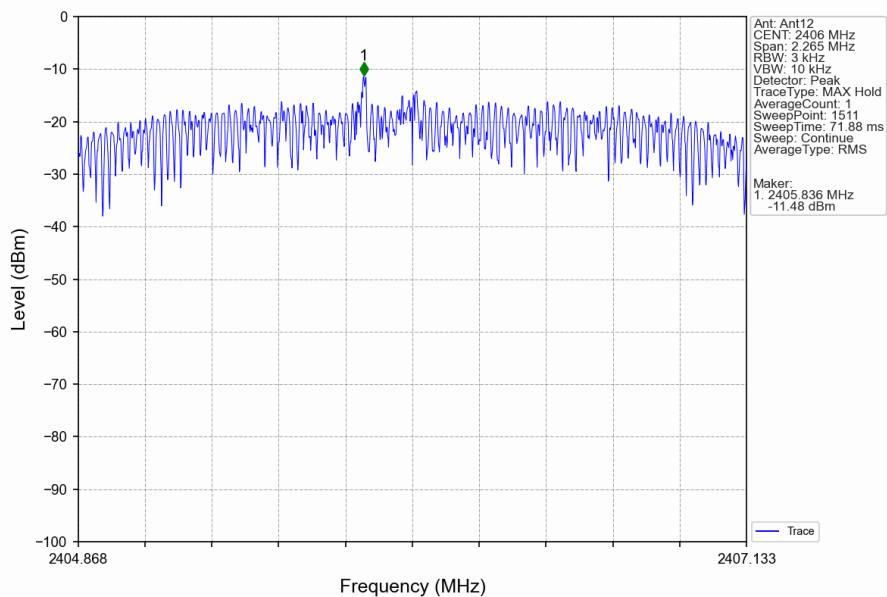
4M HCH 2476MHz Ant7 NTNV



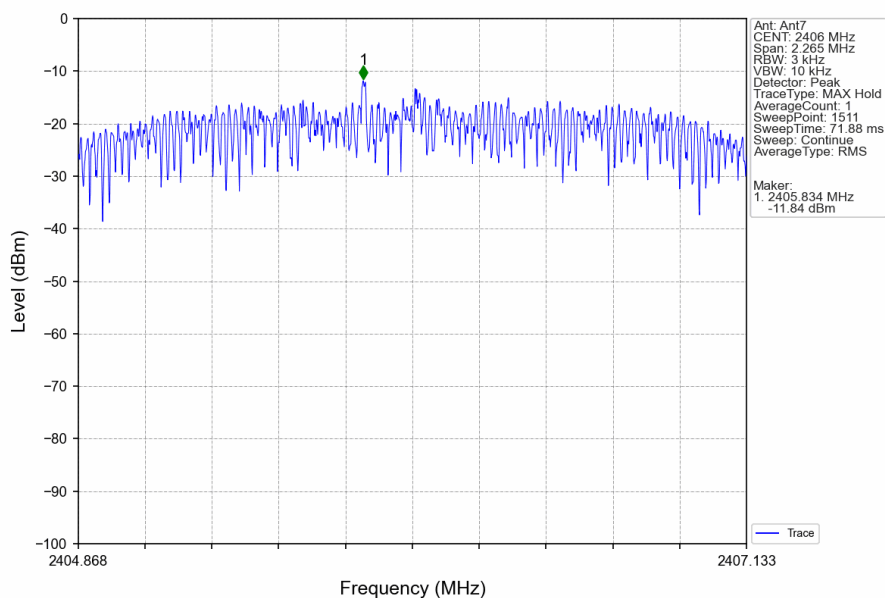
4M_HCH_2476MHz_MIMO_NTNV



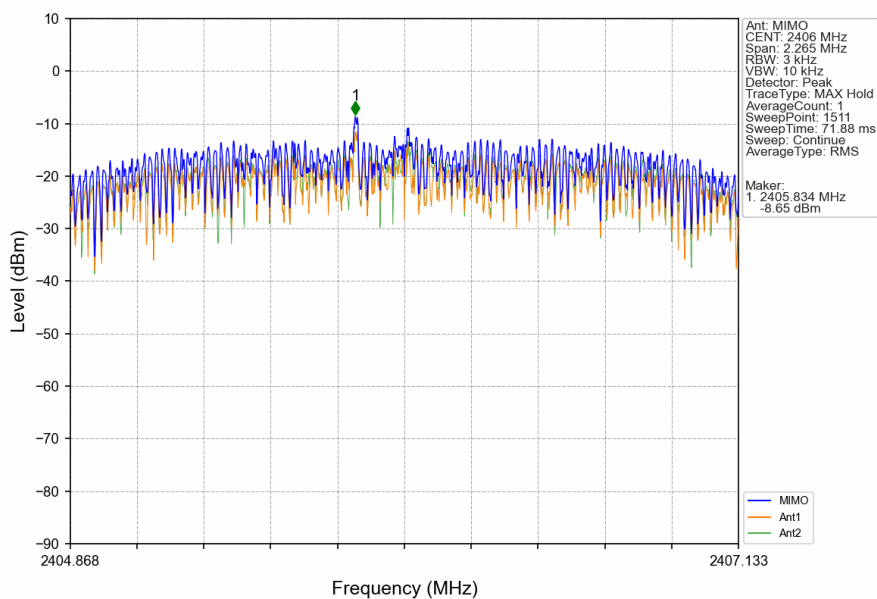
mHDT4M_LCH_2406MHz_Ant12_NTNV



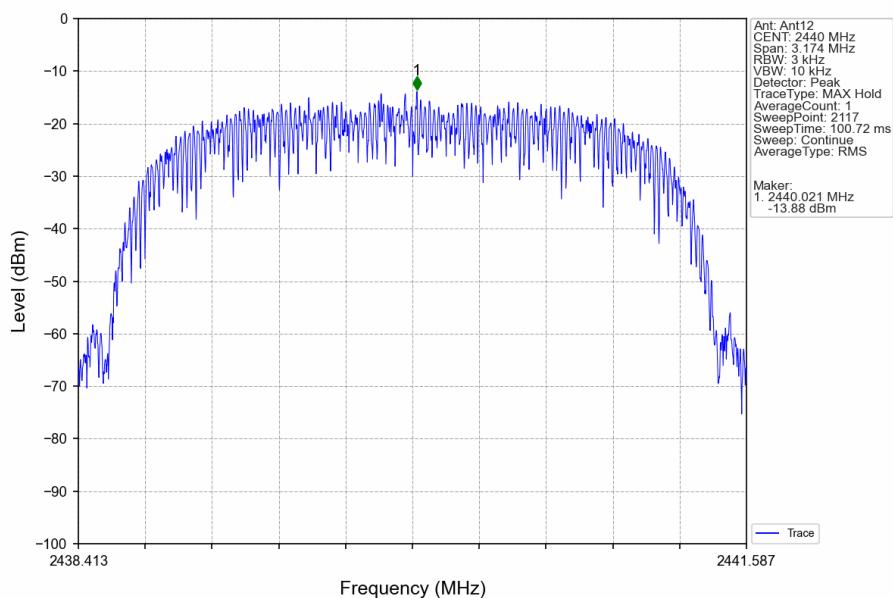
mHDT4M LCH 2406MHz Ant7 NTN



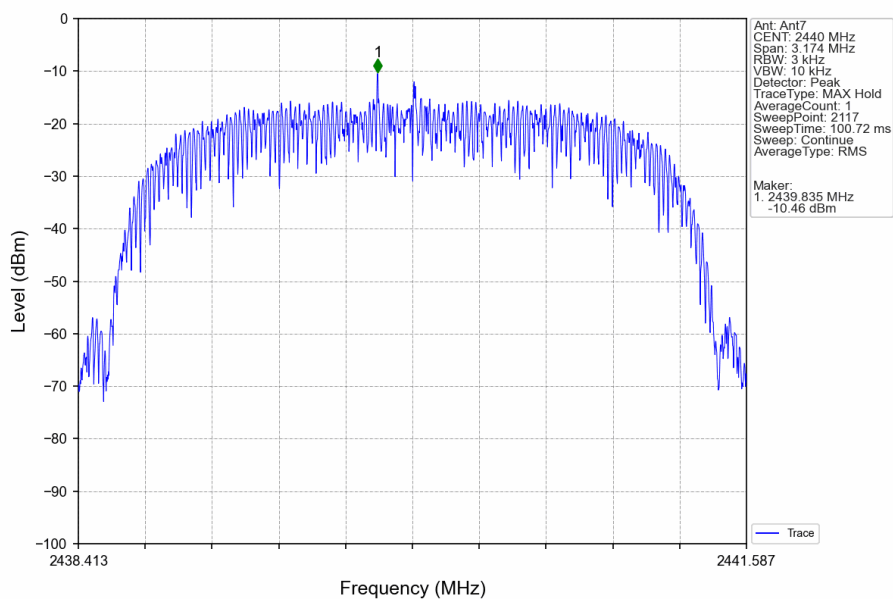
mHDT4M LCH 2406MHz MIMO NTN



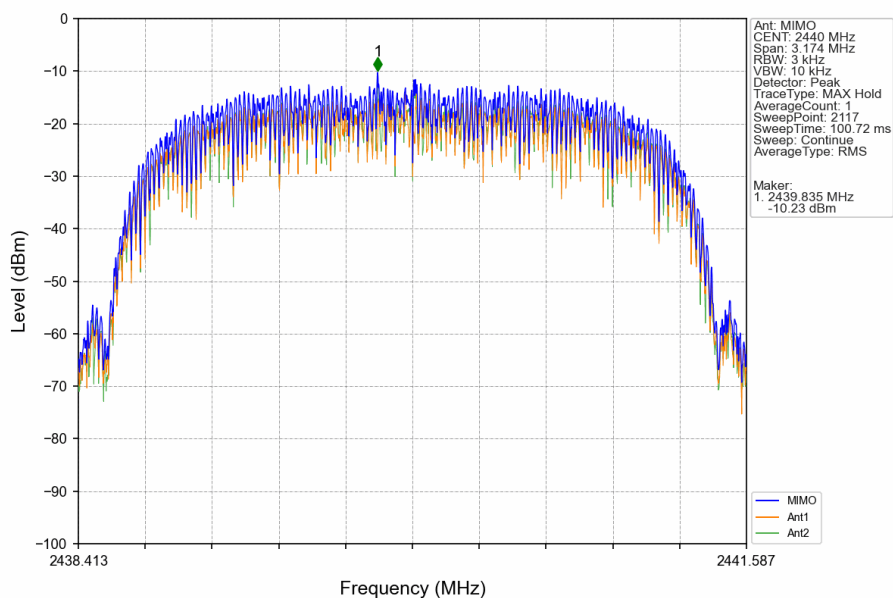
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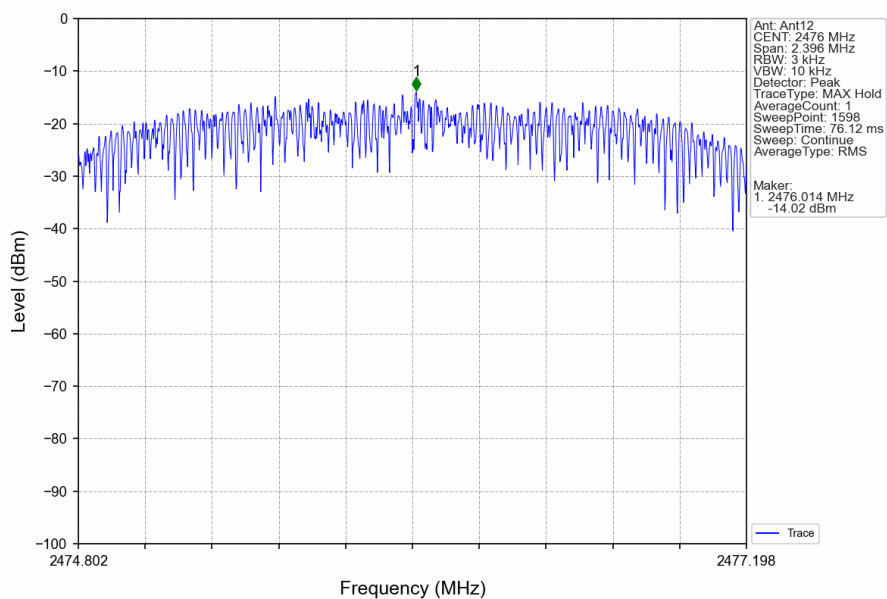
mHDT4M MCH 2440MHz Ant7 NTN



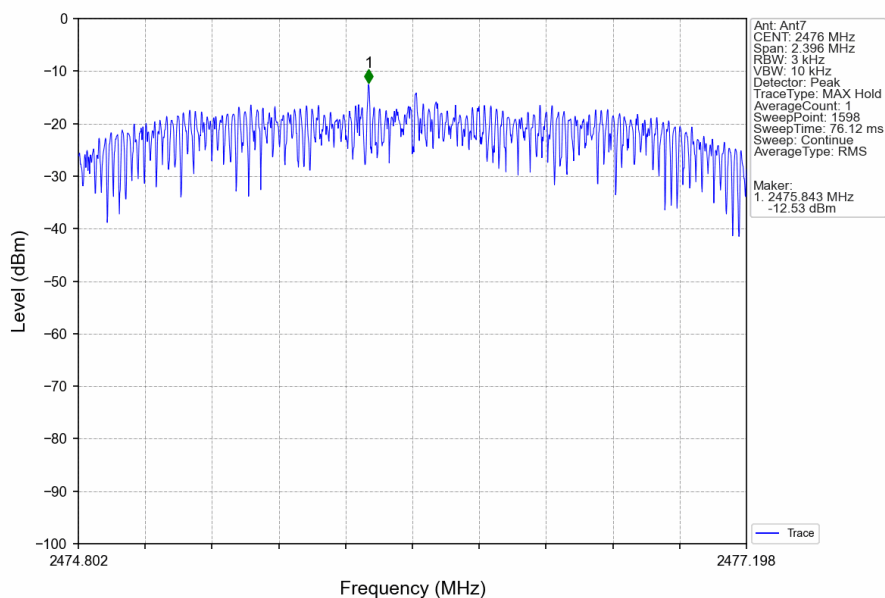
mHDT4M MCH 2440MHz MIMO NTN



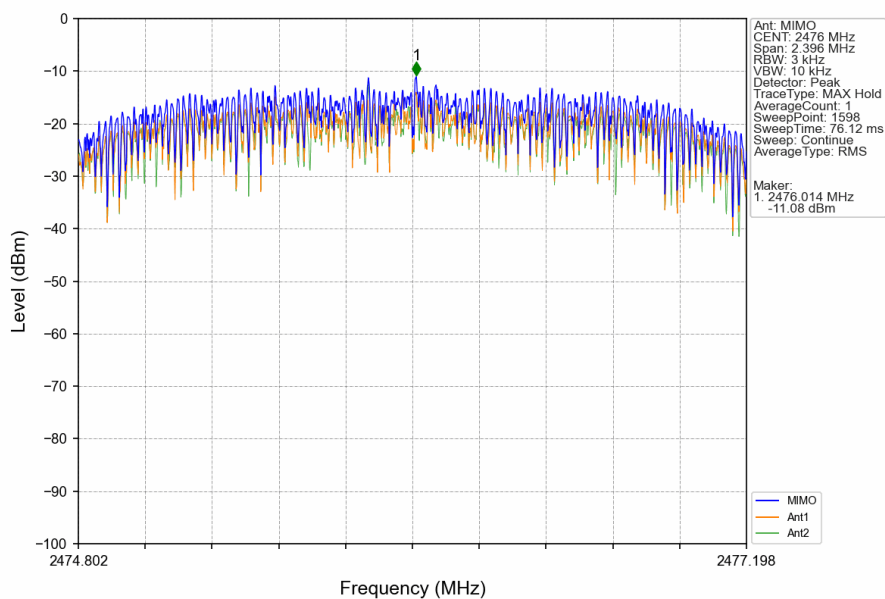
mHDT4M HCH 2476MHz Ant12 NTN



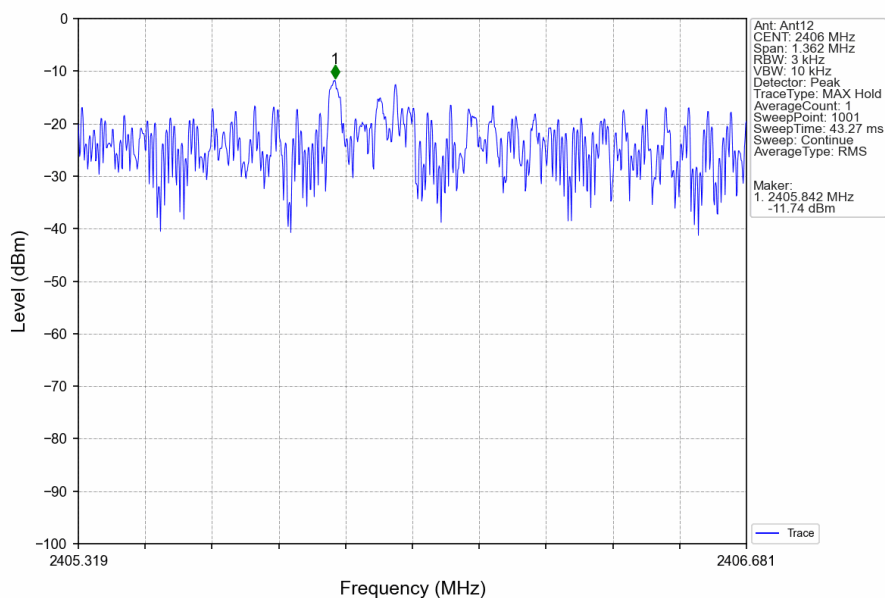
mHDT4M_HCH_2476MHz_Ant7_NTNV



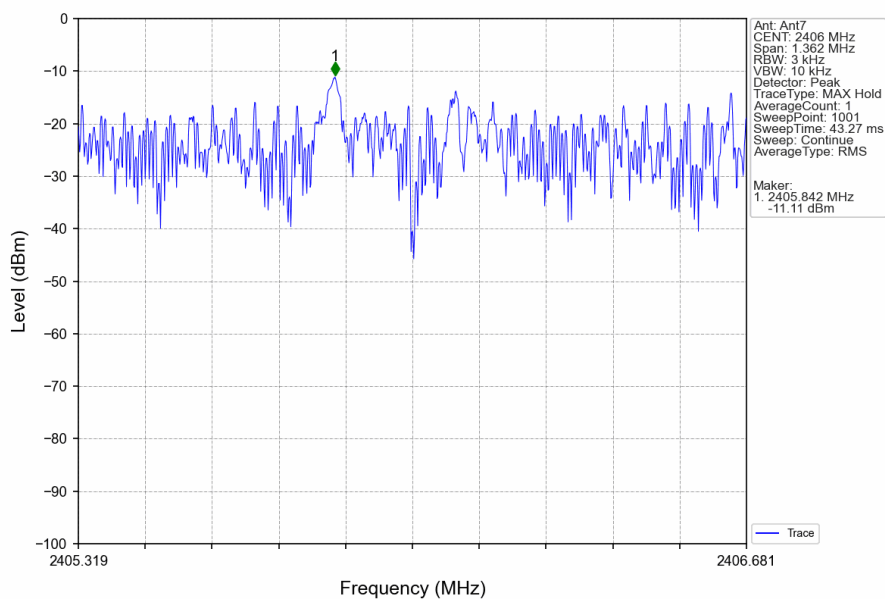
mHDT4M_HCH_2476MHz_MIMO_NTNV



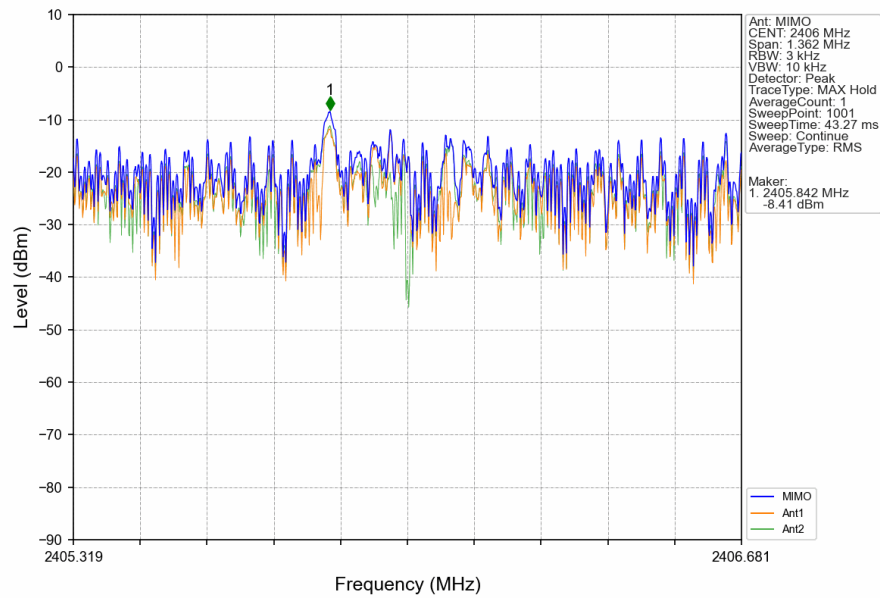
mHDT8M LCH 2406MHz Ant12 NTN



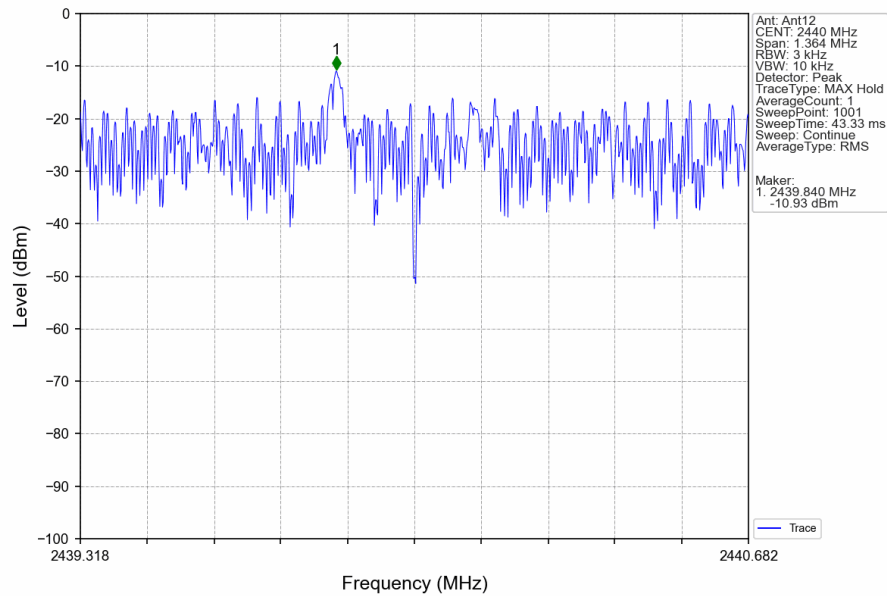
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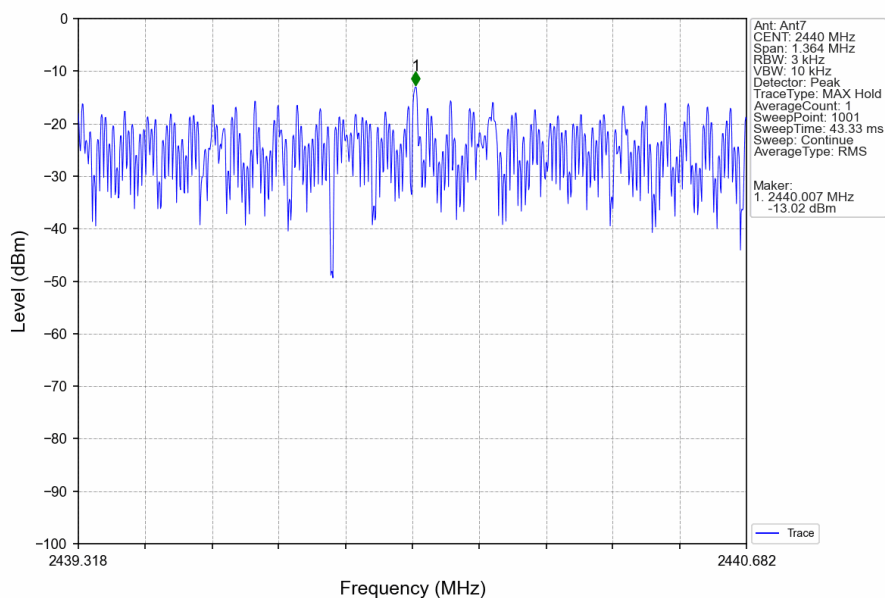
mHDT8M LCH 2406MHz MIMO NTN



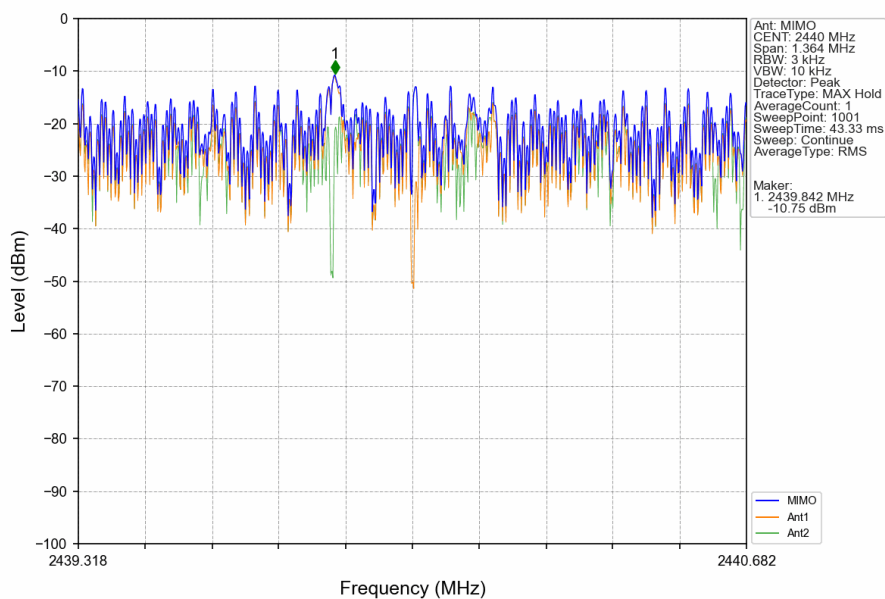
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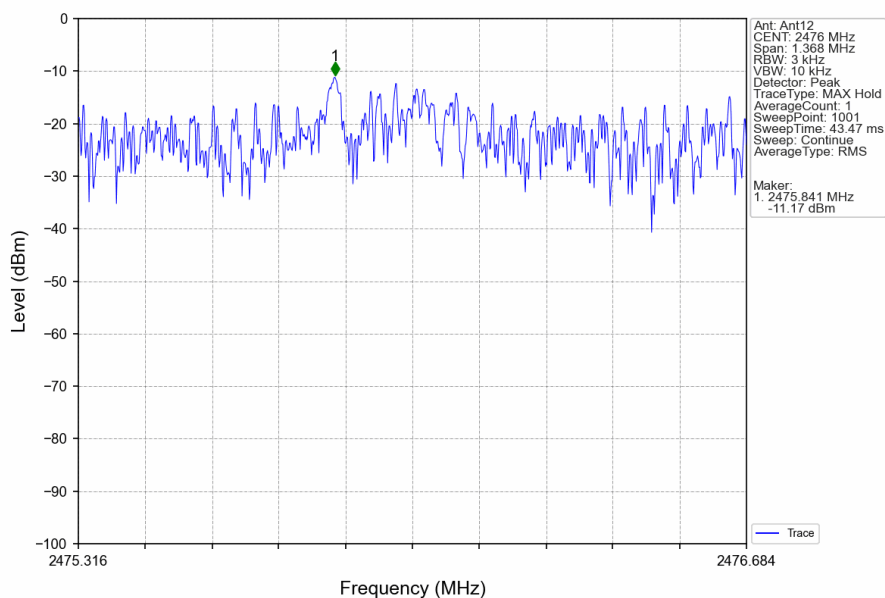
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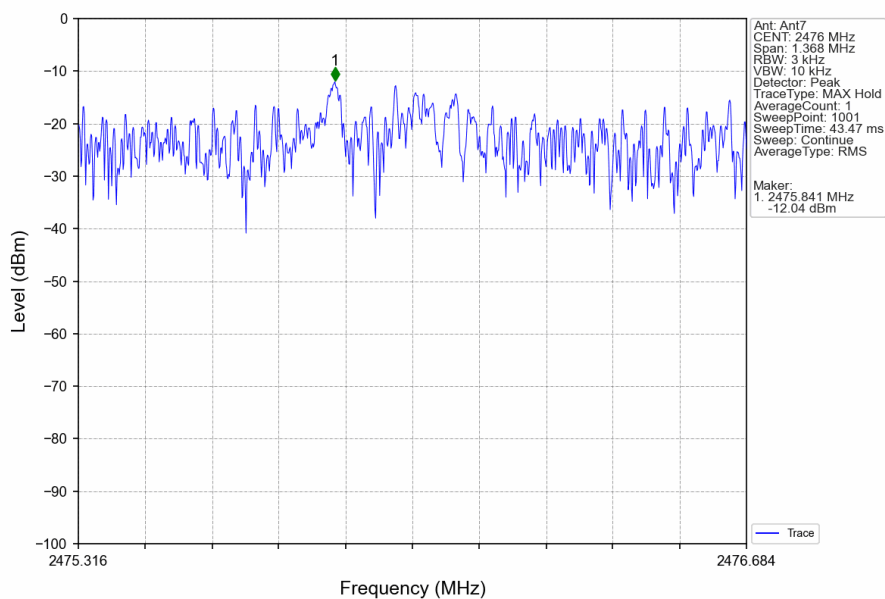
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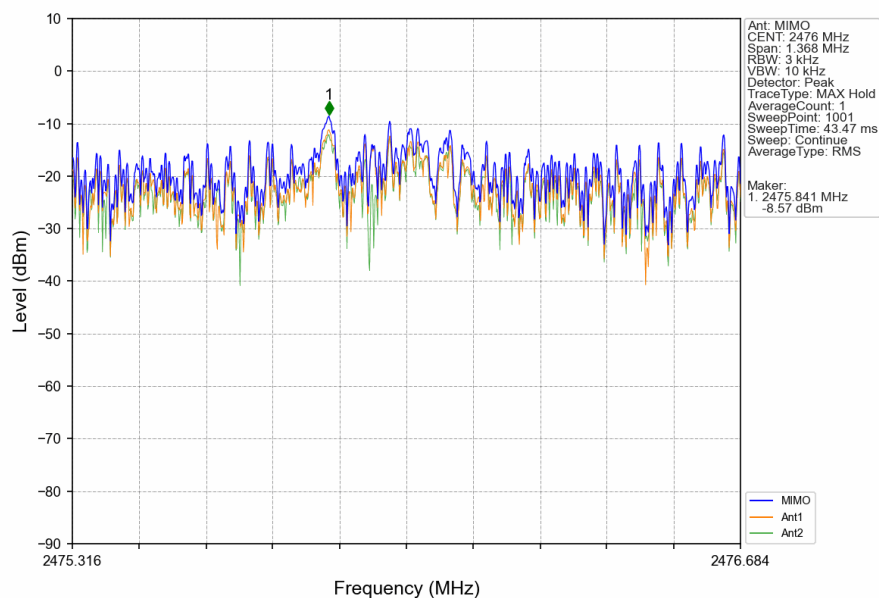
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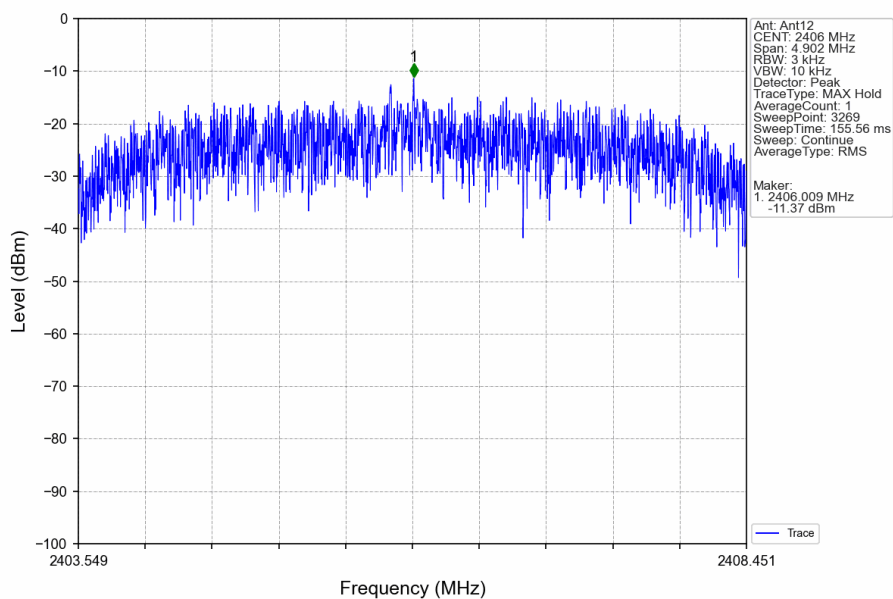
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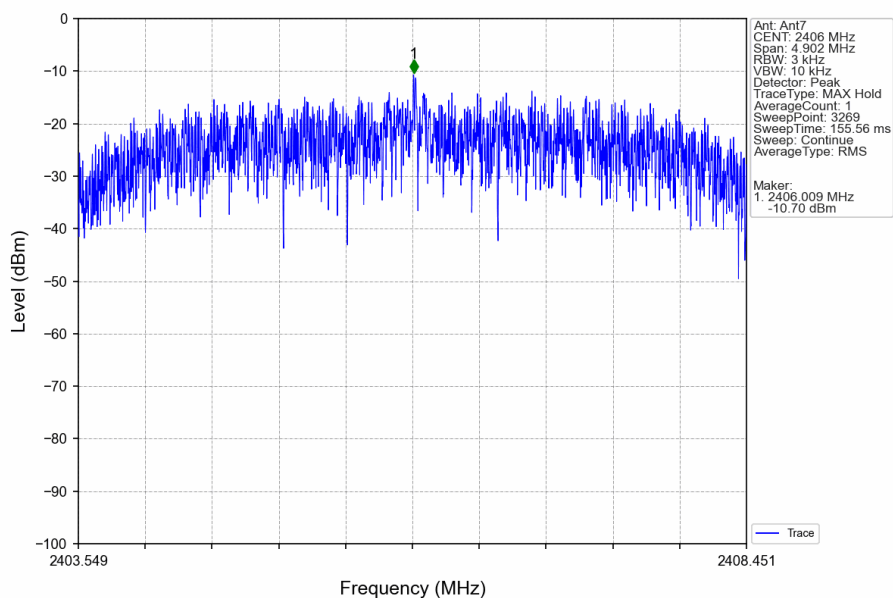
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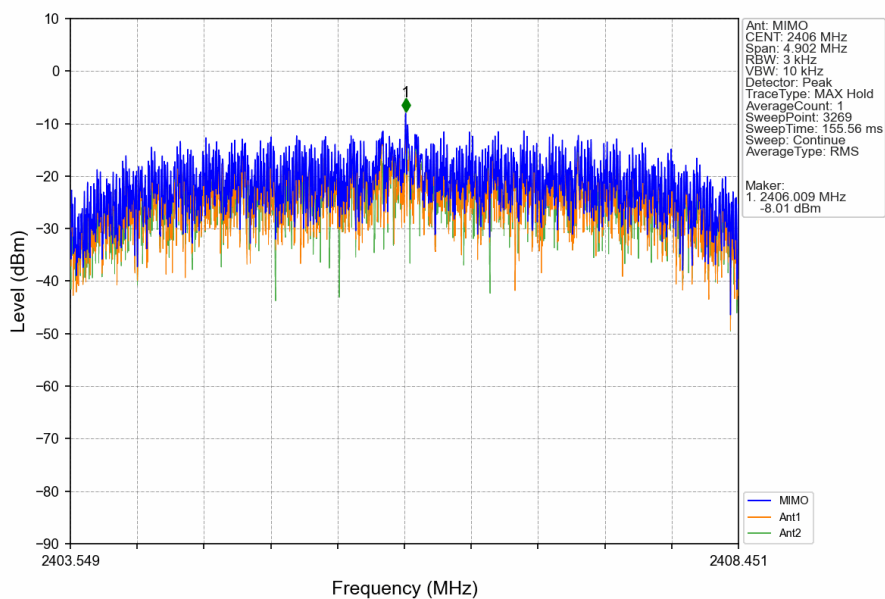
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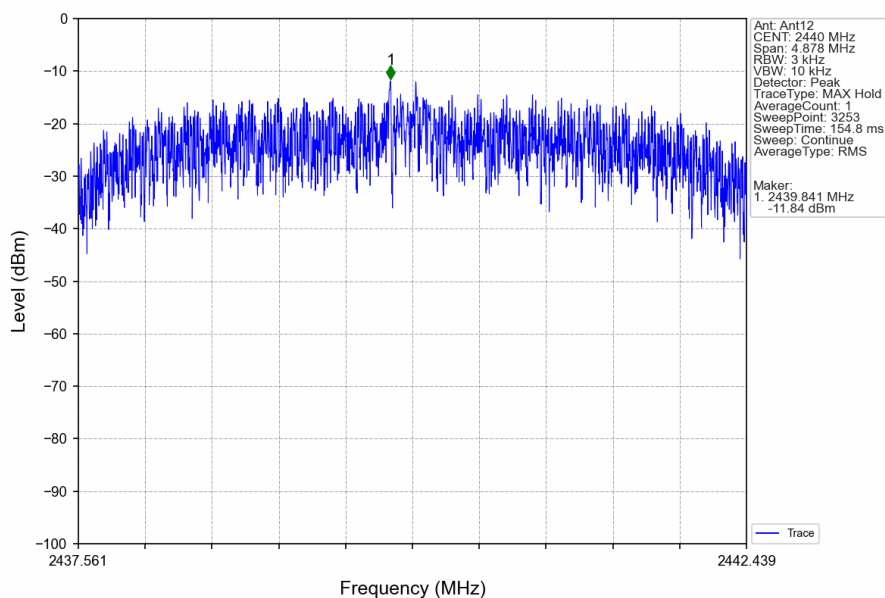
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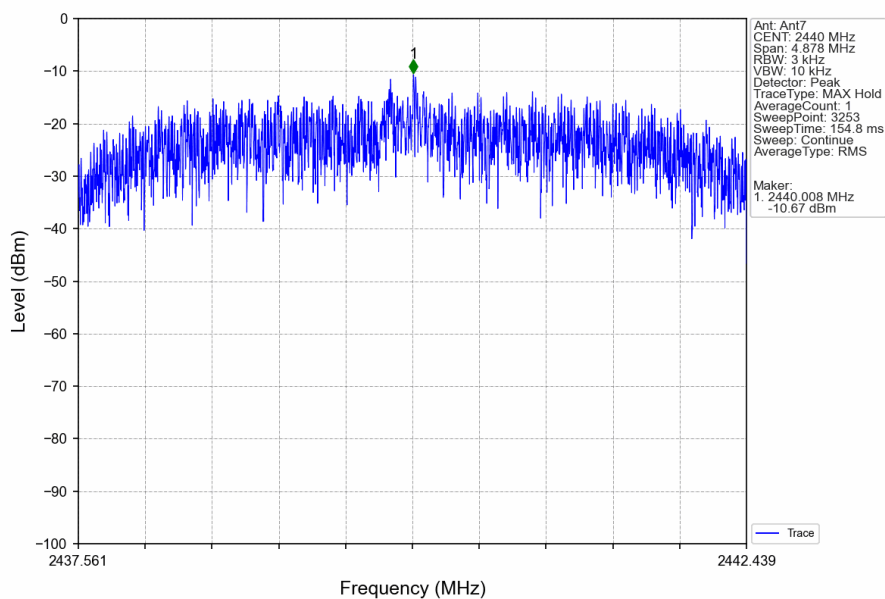
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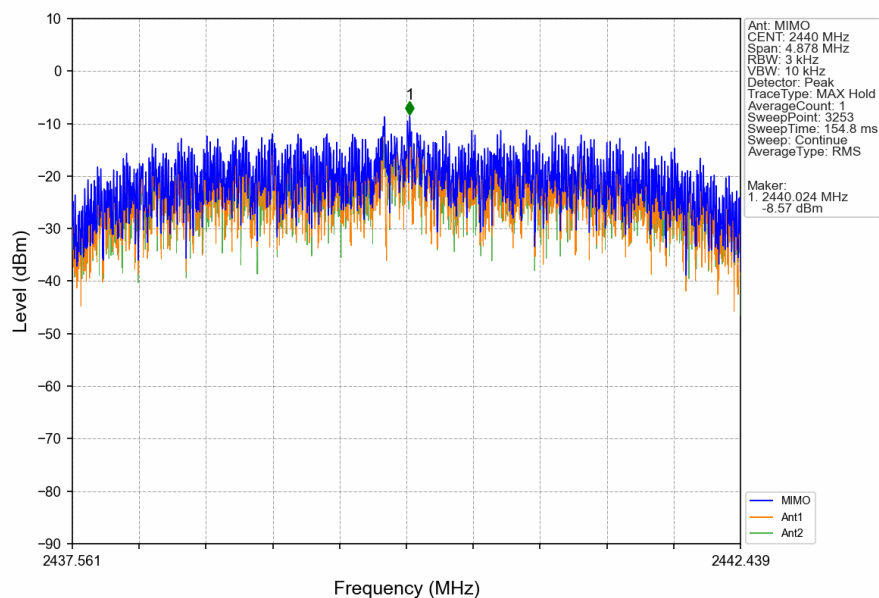
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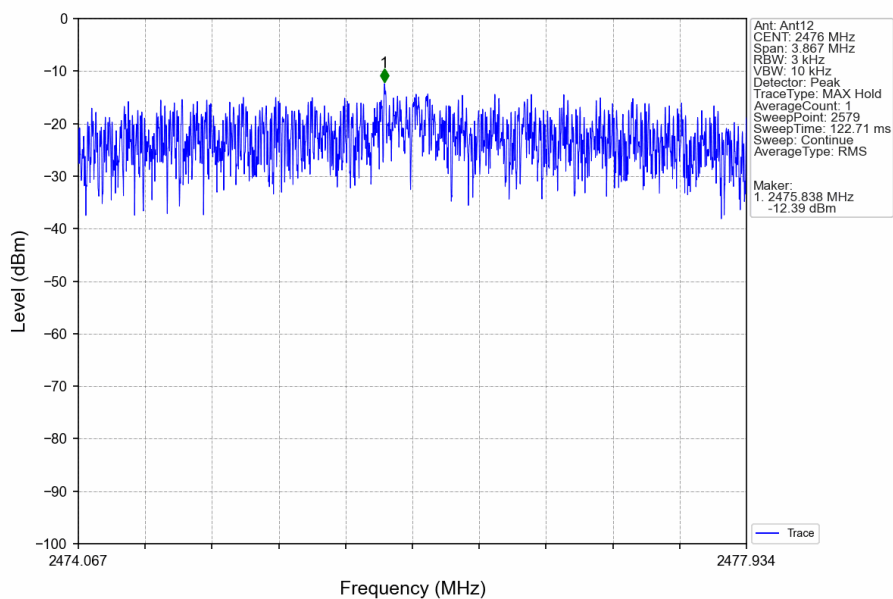
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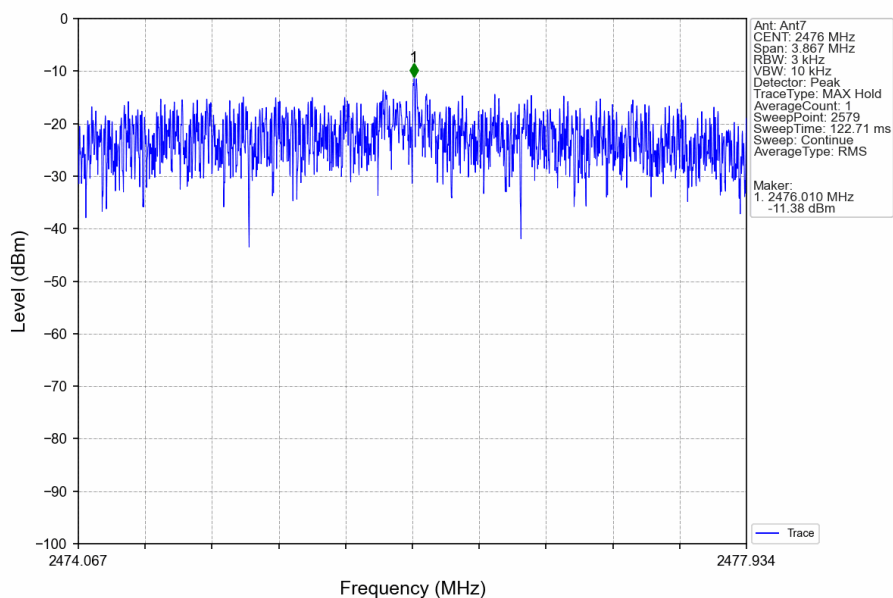
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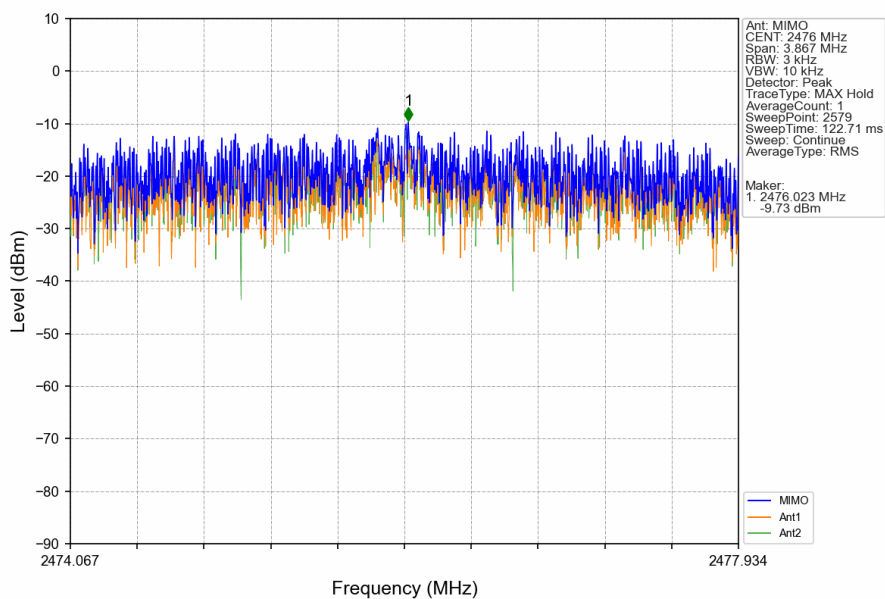
mHDT12M HCH 2476MHz Ant12 NTN



mHDT12M_HCH_2476MHz_Ant7_NTNV



mHDT12M_HCH_2476MHz_MIMO_NTNV



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)
4M	MIMO	2406	12	15.65
			7	14.58
		2440	12	15.39
			7	14.98
		2476	12	13.70
			7	14.82
mHDT4M	MIMO	2406	12	3.98
			7	4.40
		2440	12	4.26
			7	4.89
		2476	12	4.29
			7	3.81
mHDT8M	MIMO	2406	12	4.13
			7	4.24
		2440	12	4.58
			7	4.63
		2476	12	4.43
			7	4.01
mHDT12M	MIMO	2406	12	5.01
			7	5.08
		2440	12	5.31
			7	5.23
		2476	12	4.99
			7	4.60
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)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
4M	MIMO	2406	12	15.65	-4.35	Pass
			7	14.98	-5.02	Pass
		2440	12	15.65	-4.35	Pass
			7	14.98	-5.02	Pass
		2476	12	15.65	-4.35	Pass
			7	14.98	-5.02	Pass
mHDT4M	MIMO	2406	12	4.29	-15.71	Pass
			7	4.89	-15.11	Pass
		2440	12	4.29	-15.71	Pass
			7	4.89	-15.11	Pass
		2476	12	4.29	-15.71	Pass
			7	4.29	-15.71	Pass