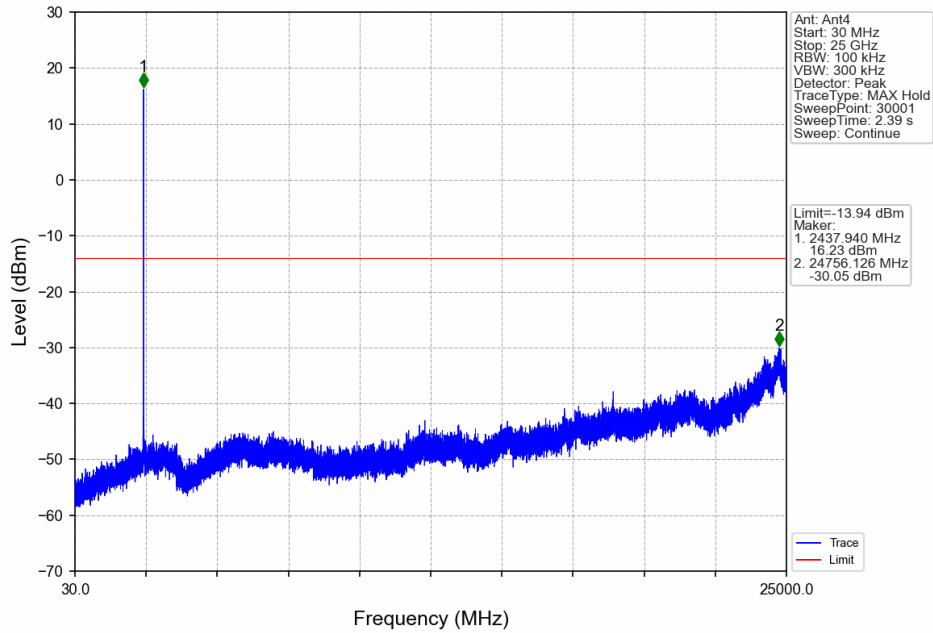
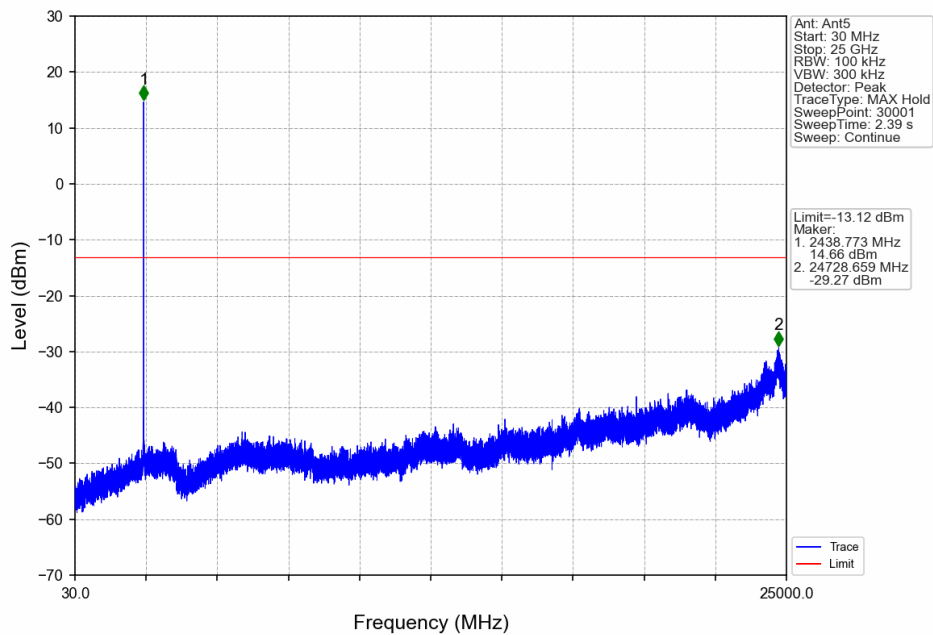


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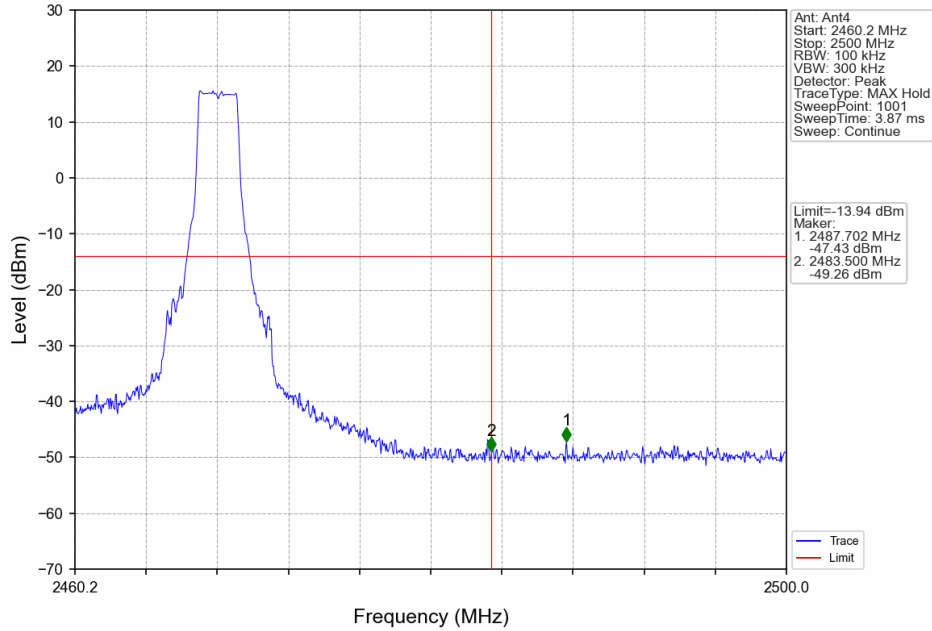


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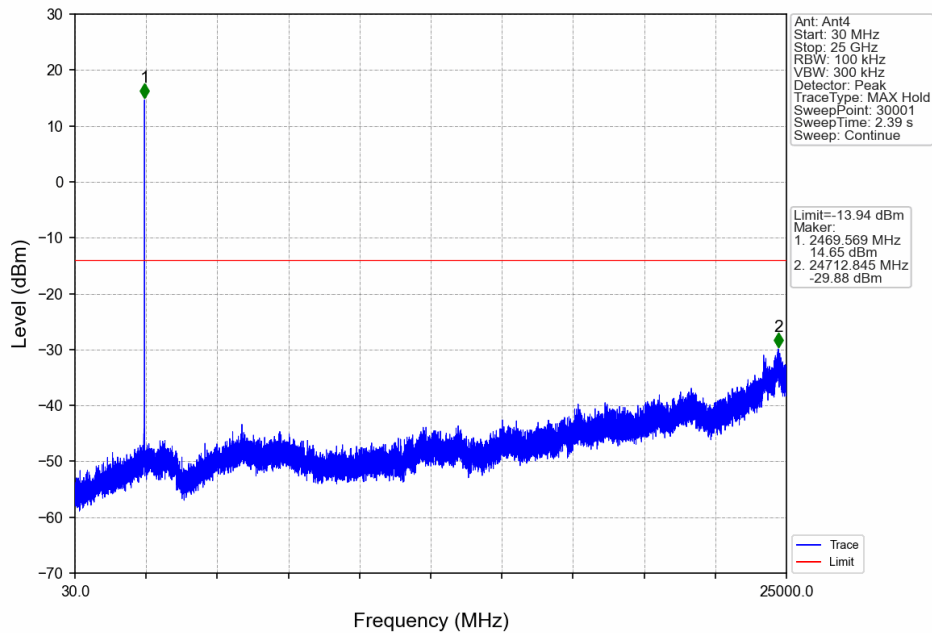
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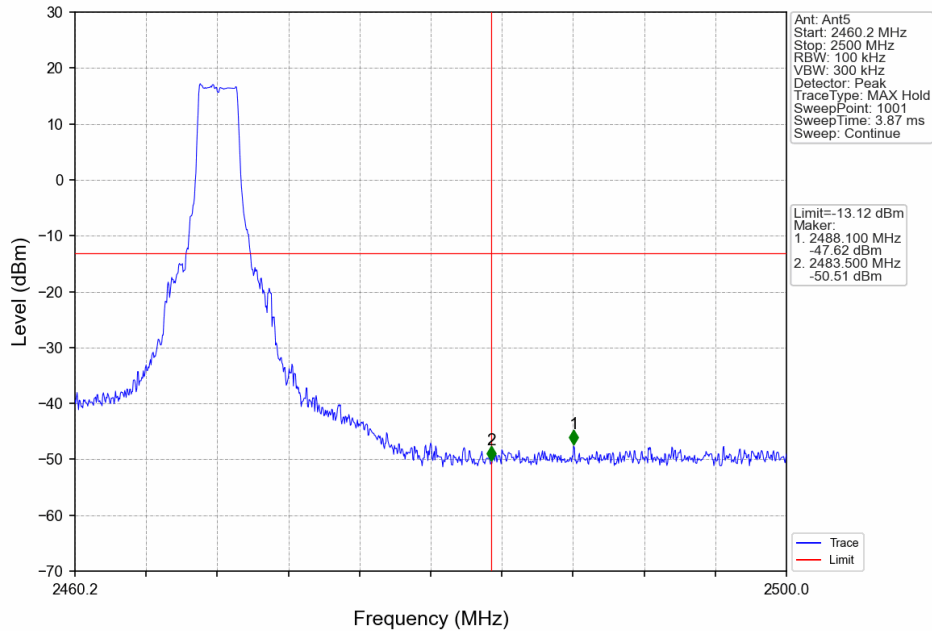
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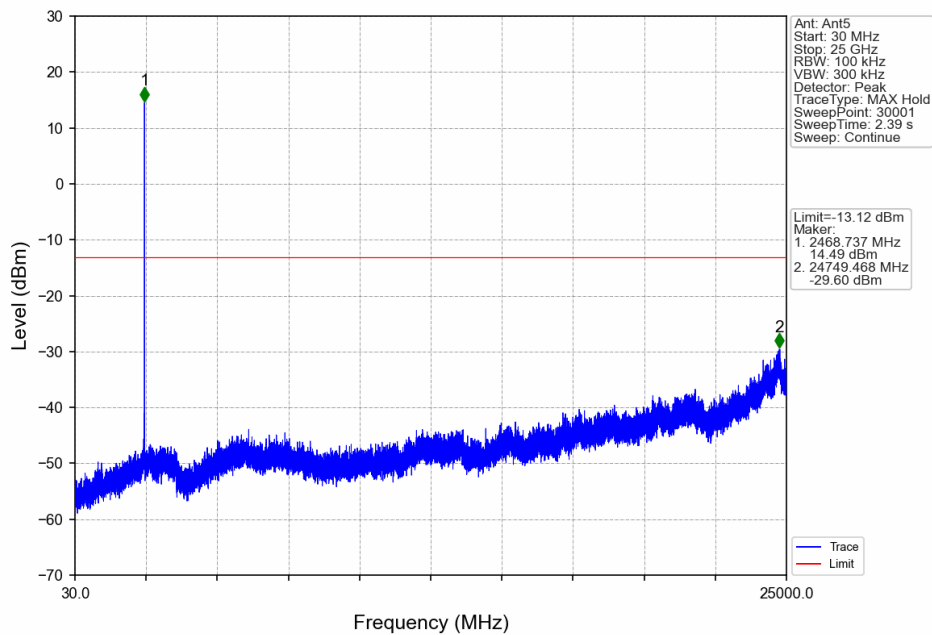
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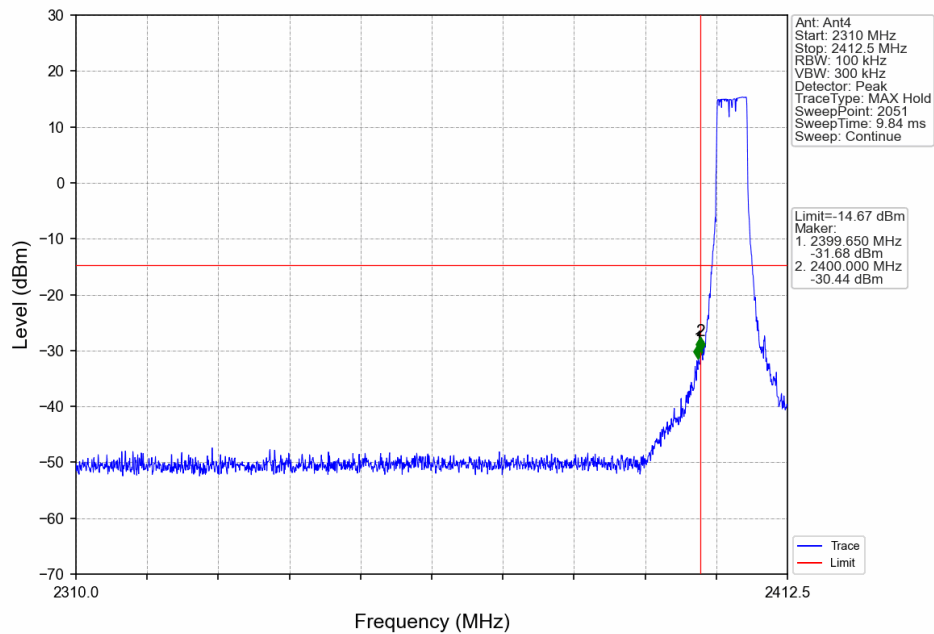
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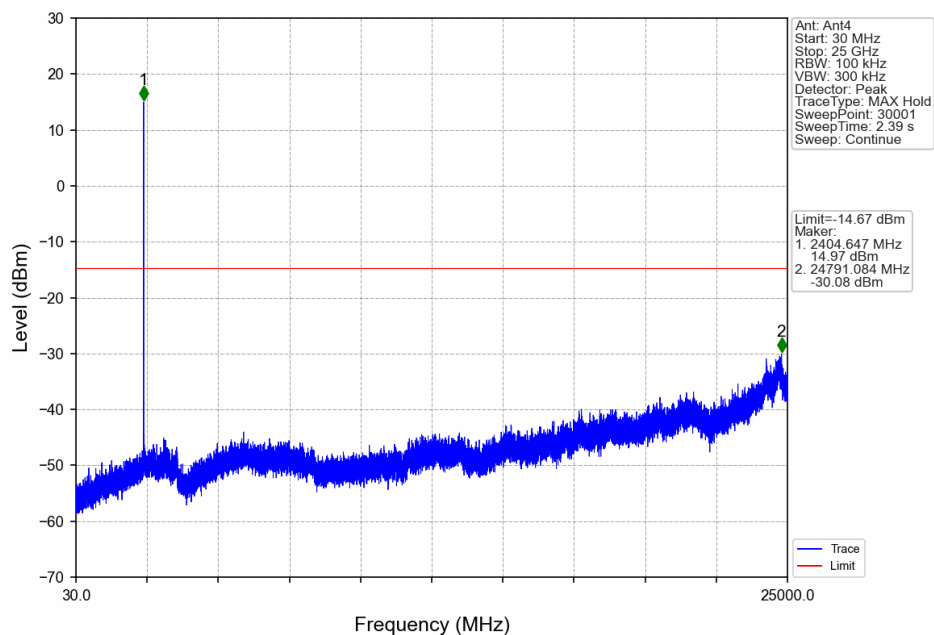
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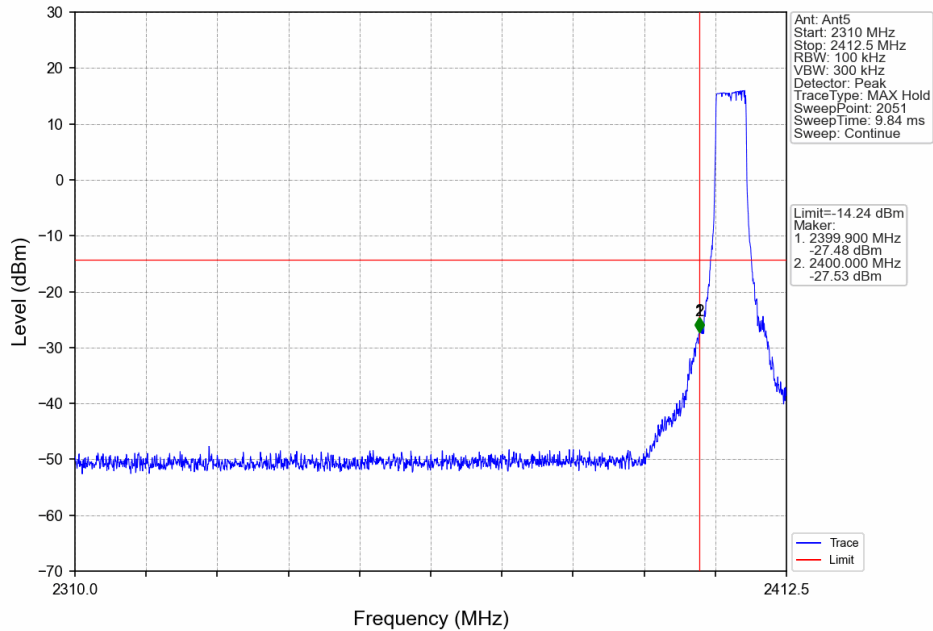
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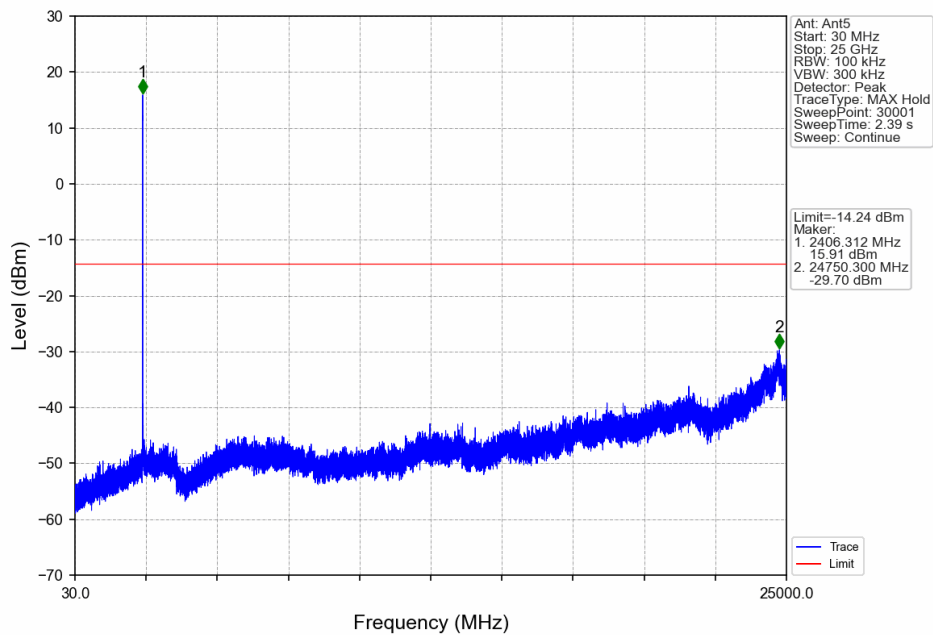
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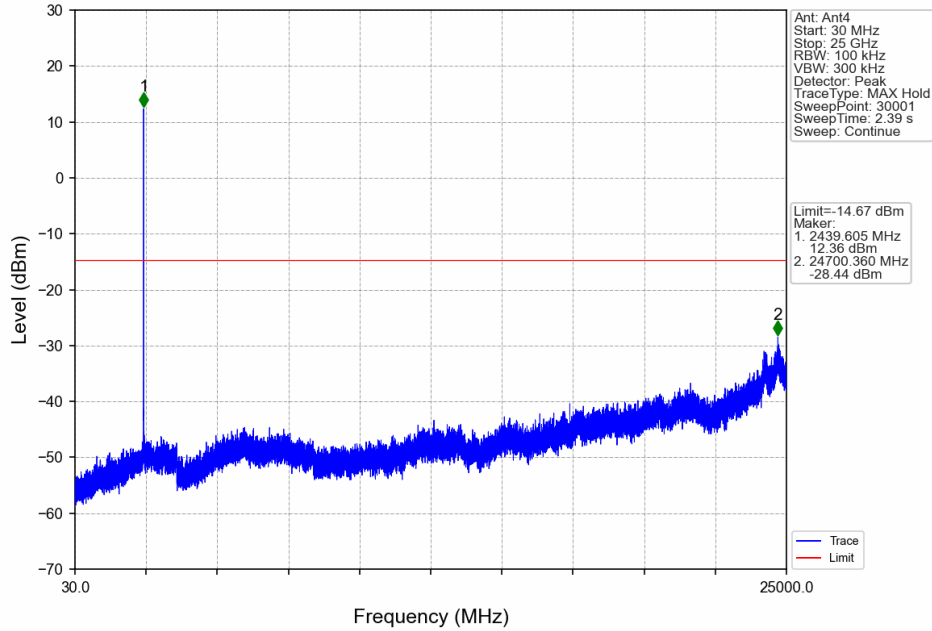
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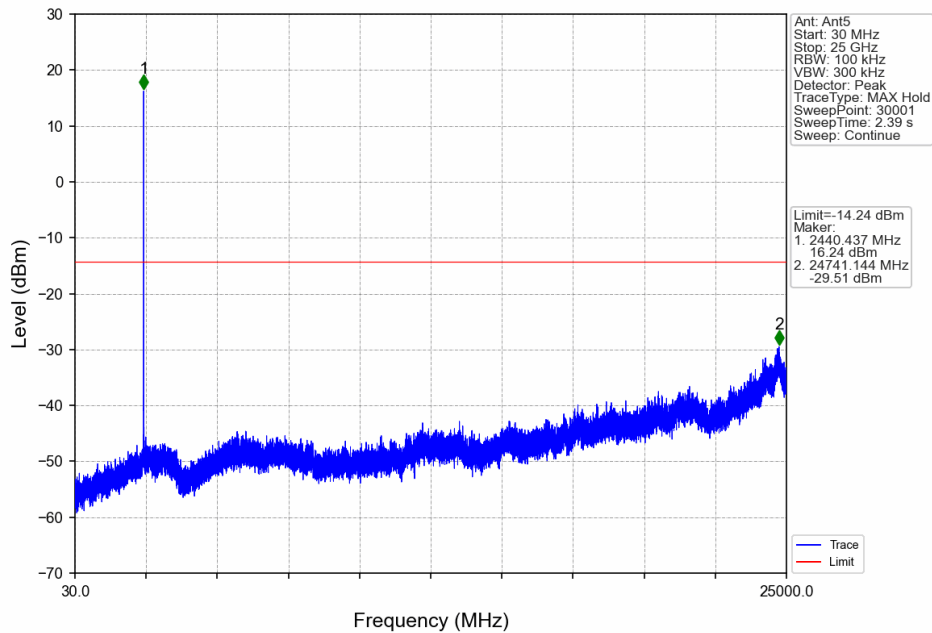
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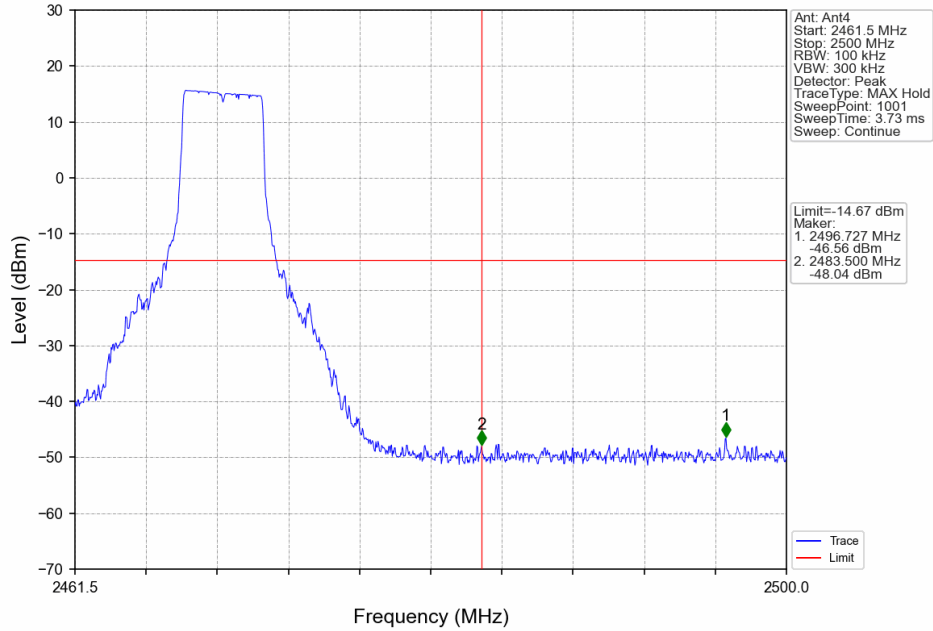


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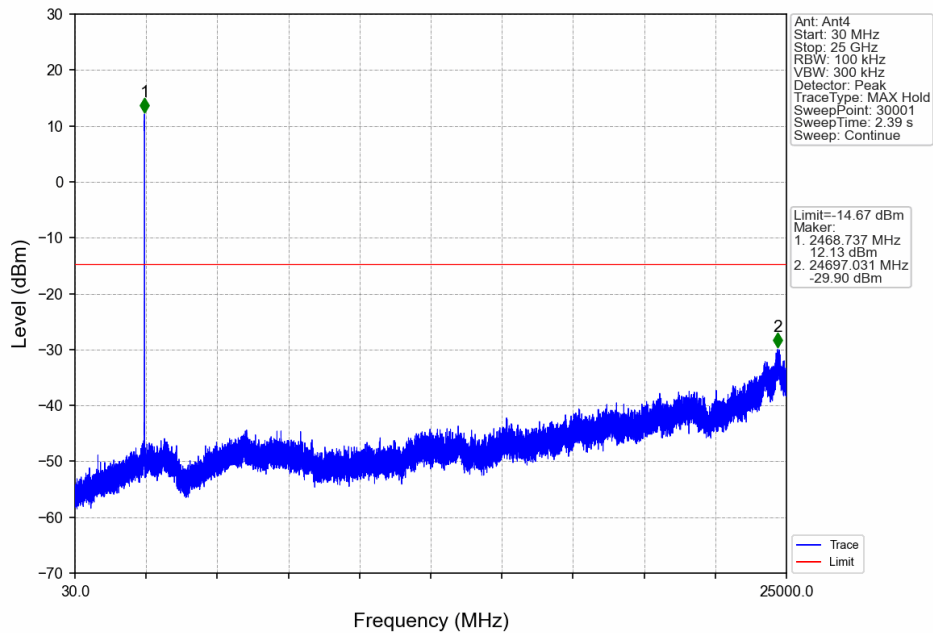
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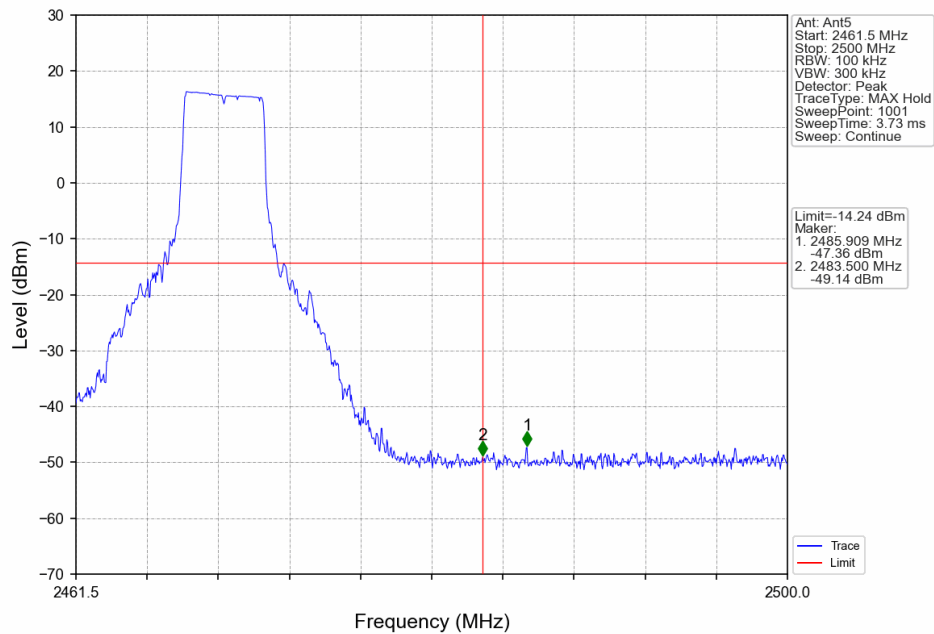
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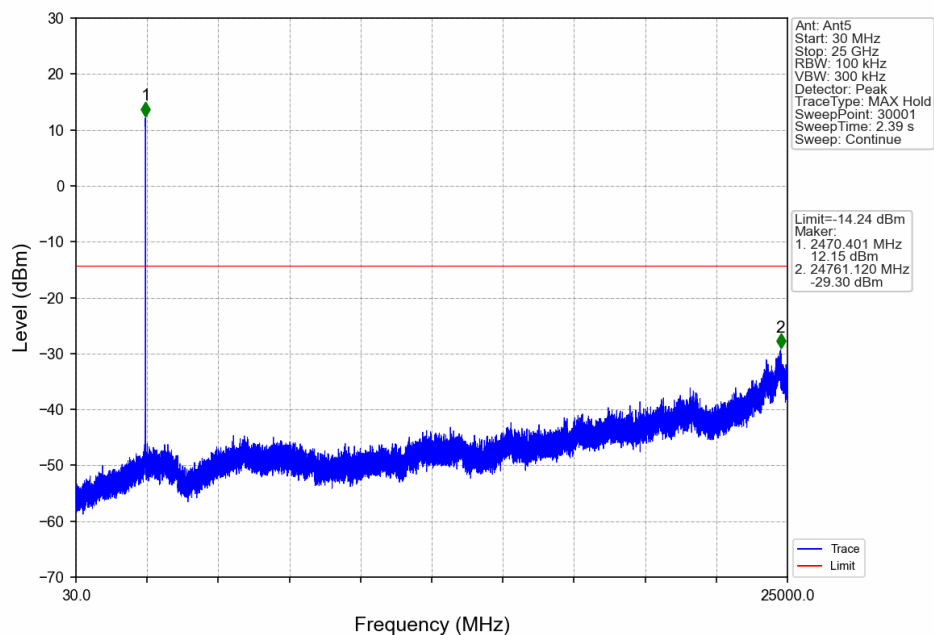
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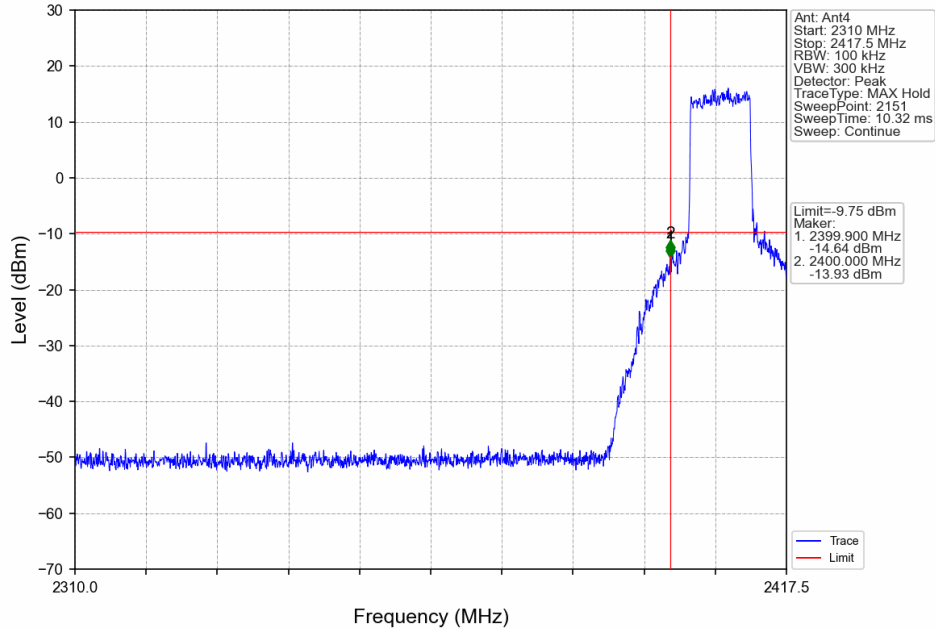
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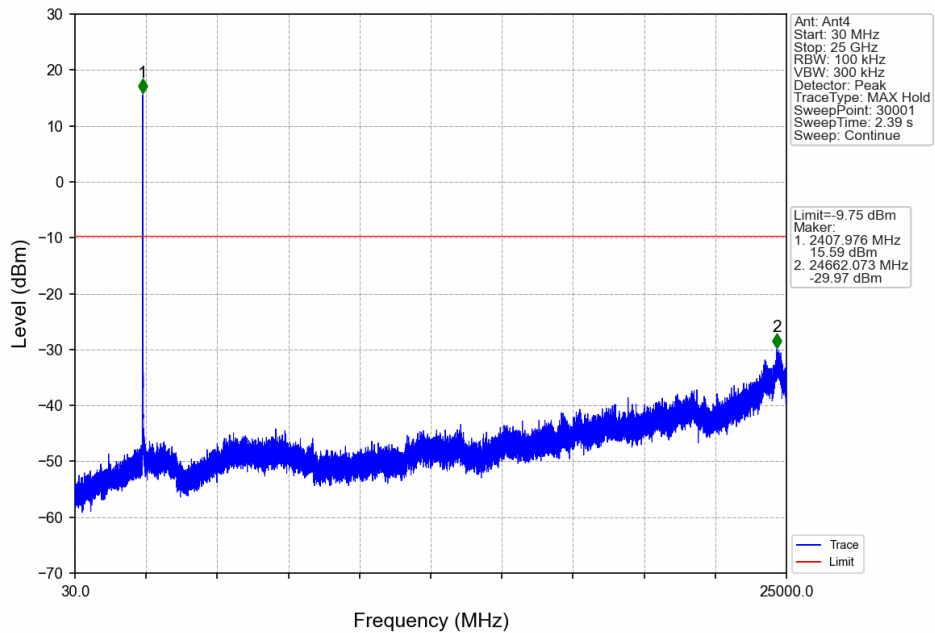
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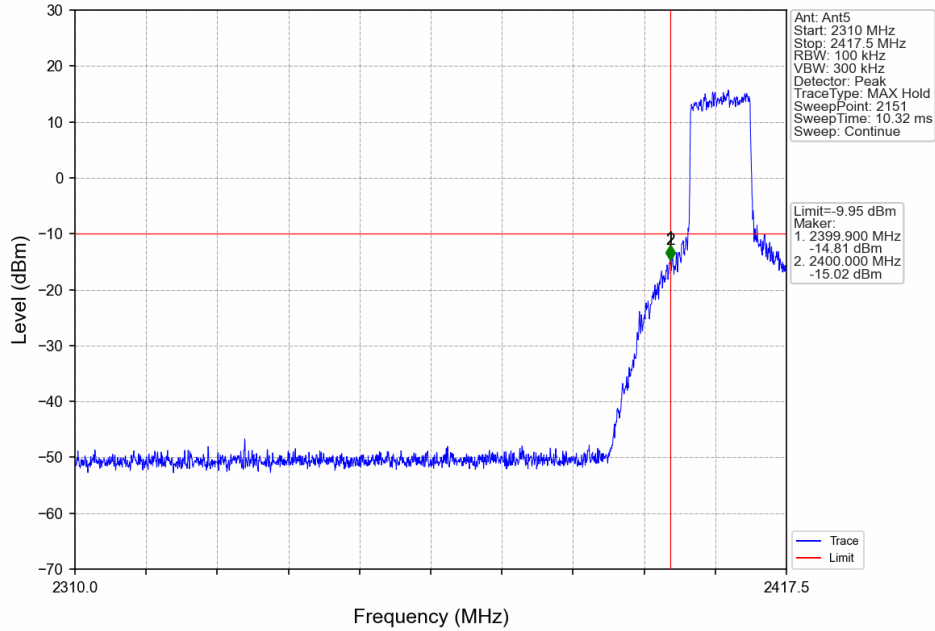
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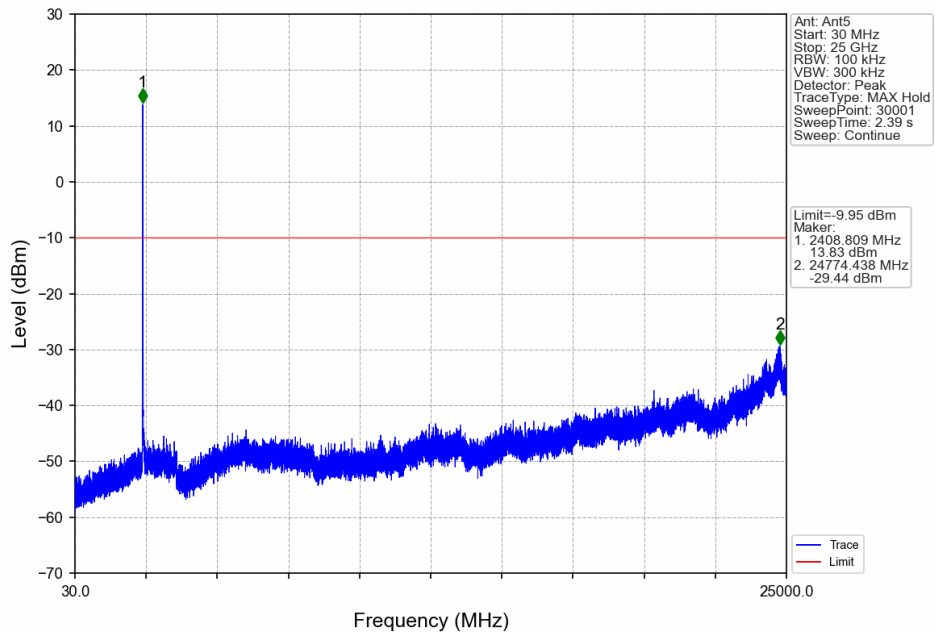
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10M_LCH_2407.5MHz_Ant5_NTNV



10M_LCH_2407.5MHz_Ant5_NTNV

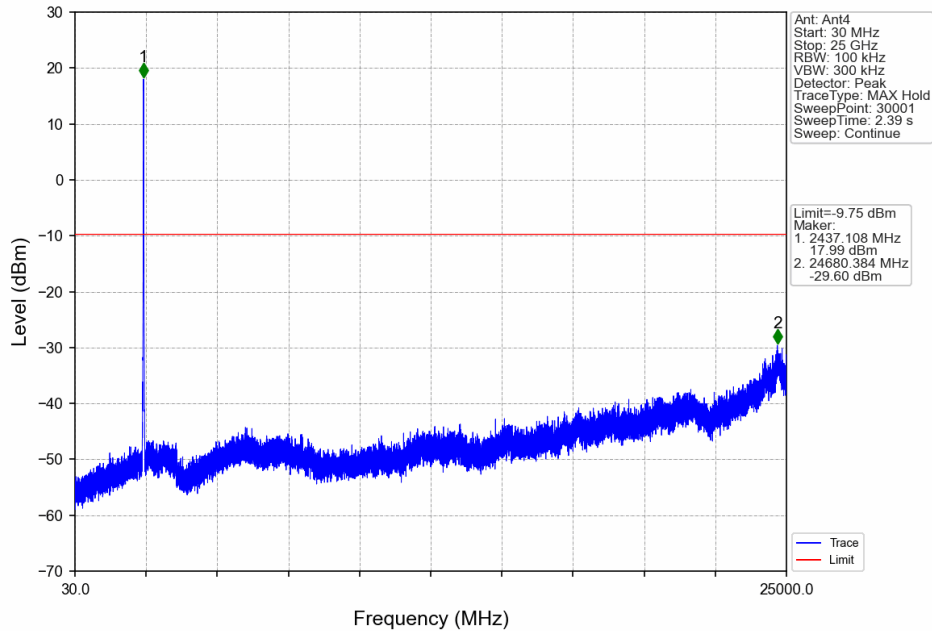


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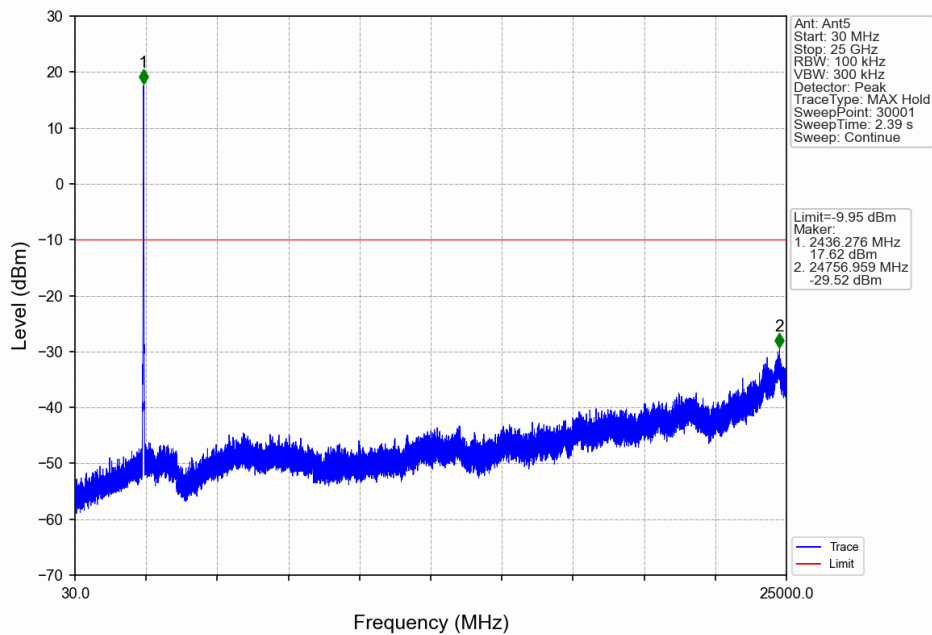
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10M_MCH_2437.5MHz_Ant4_NTNV



10M_MCH_2437.5MHz_Ant5_NTNV

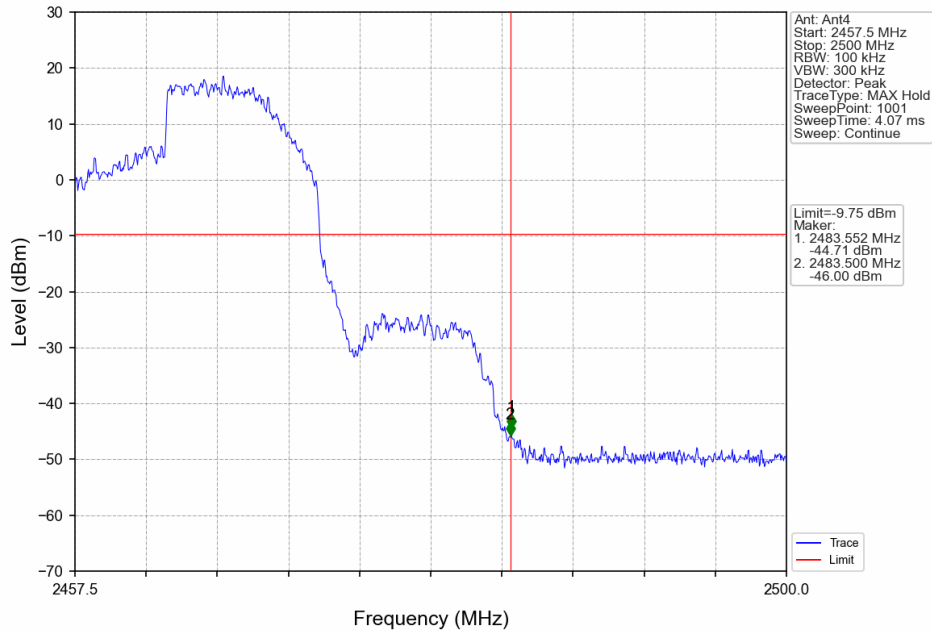


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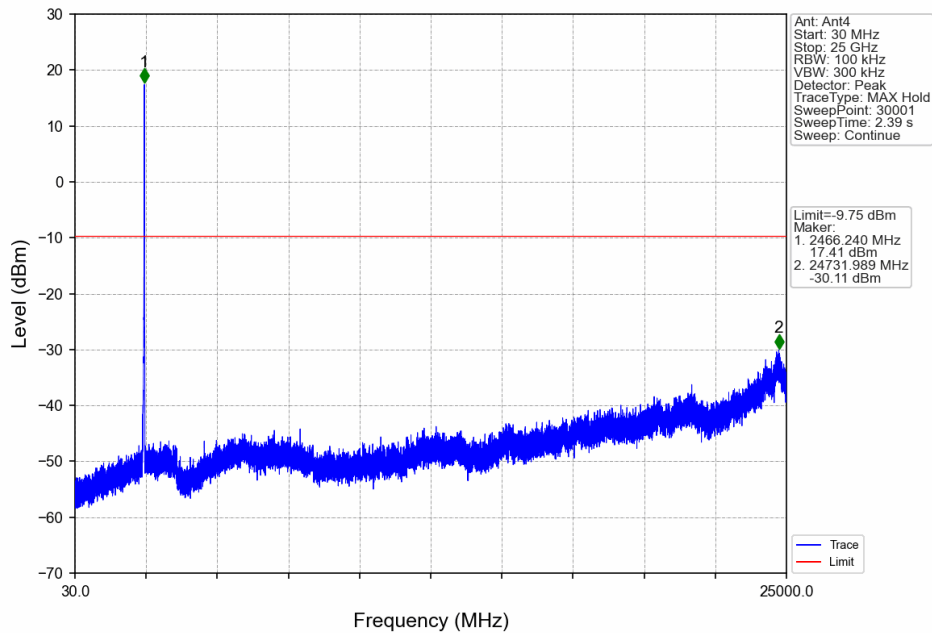
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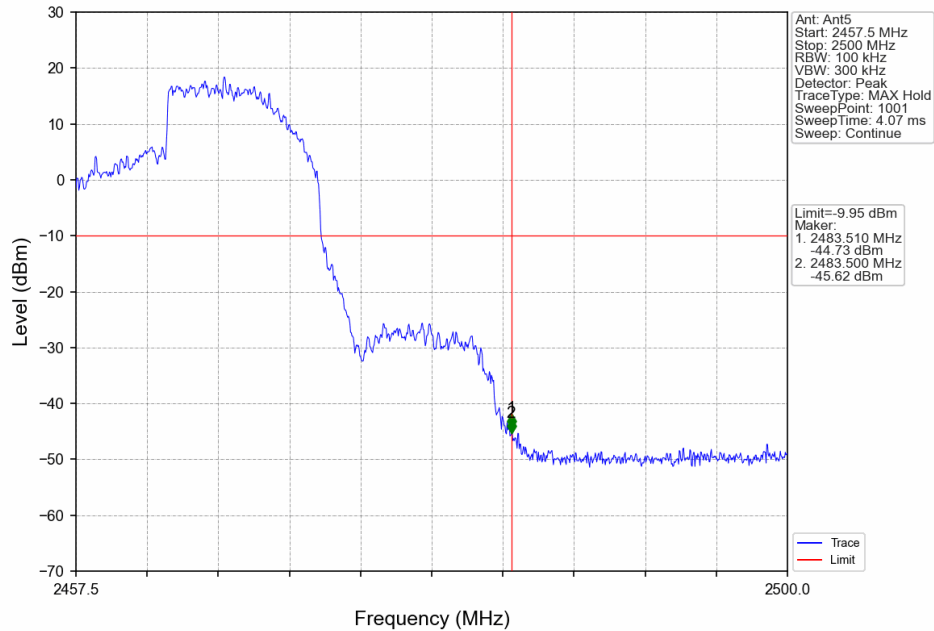
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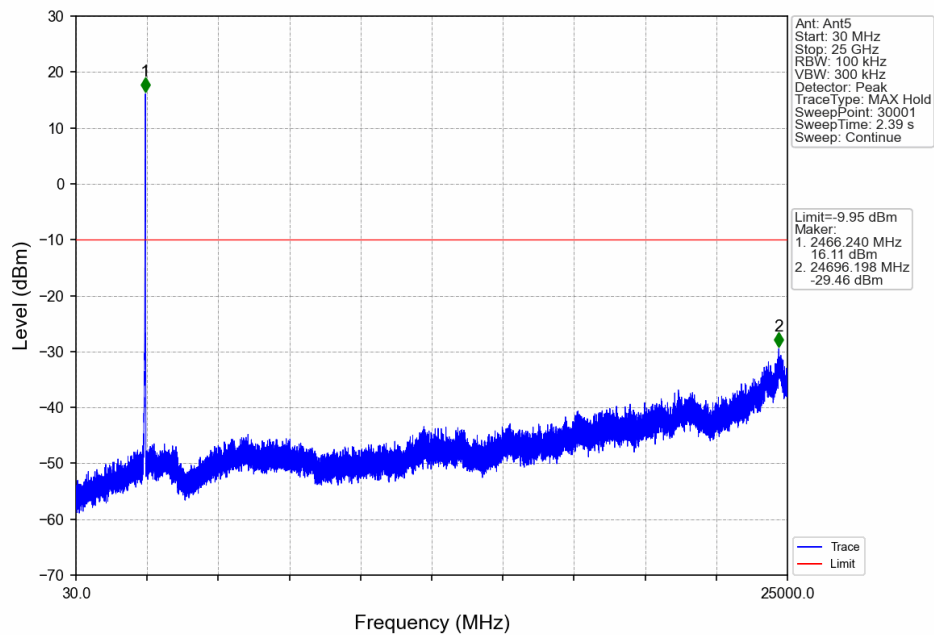
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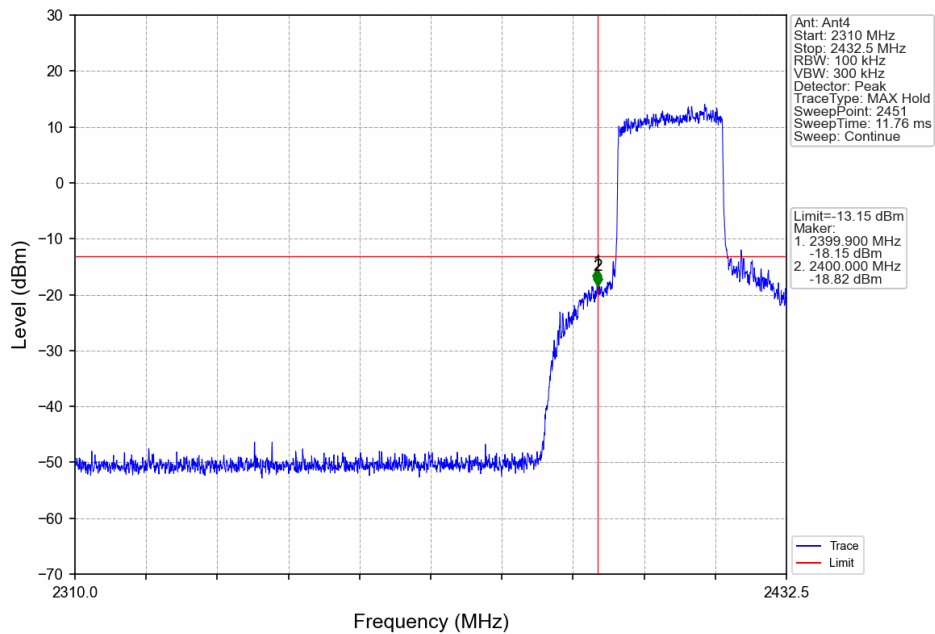
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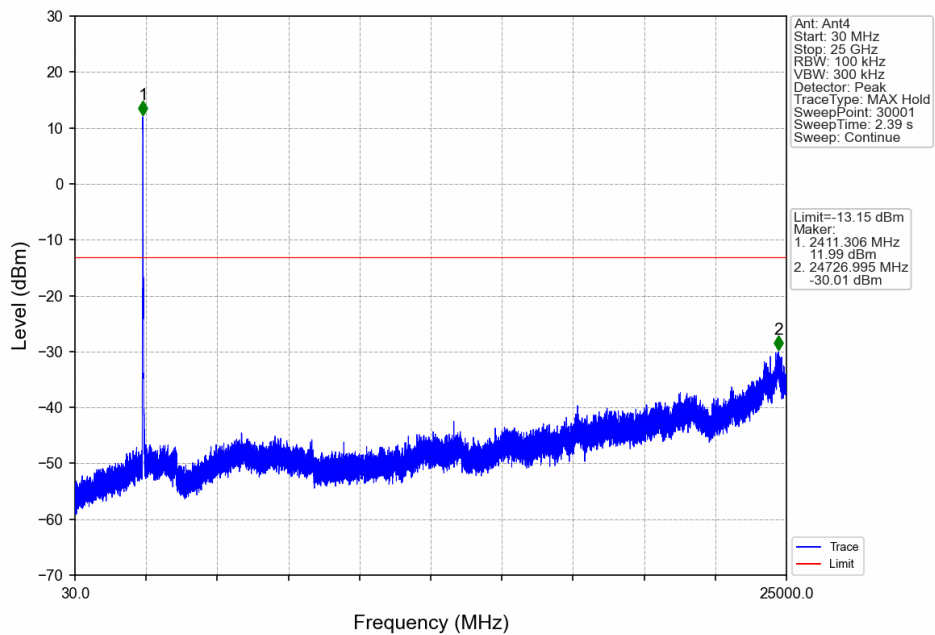
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20M_LCH_2412.5MHz_Ant4_NTNV

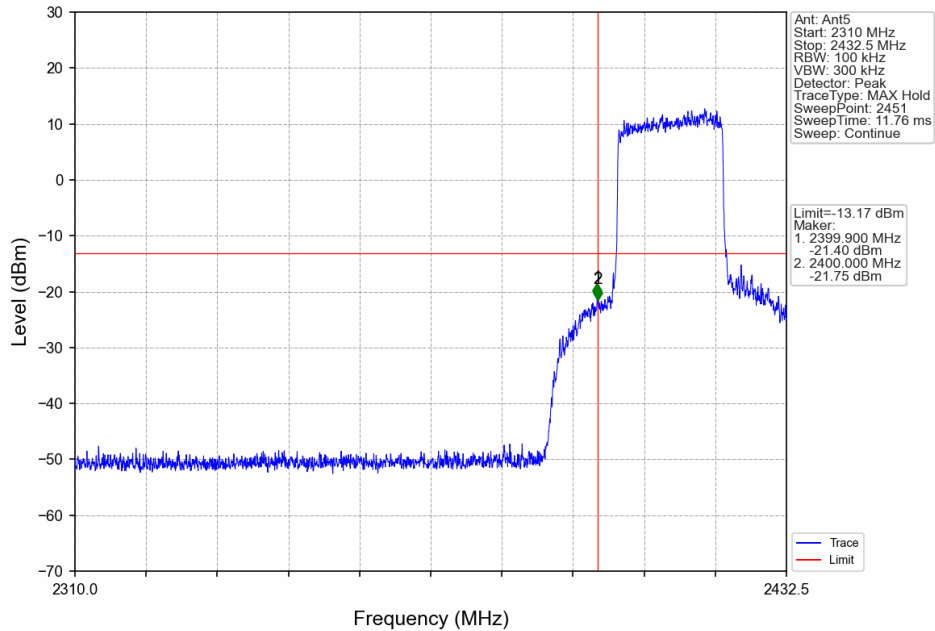


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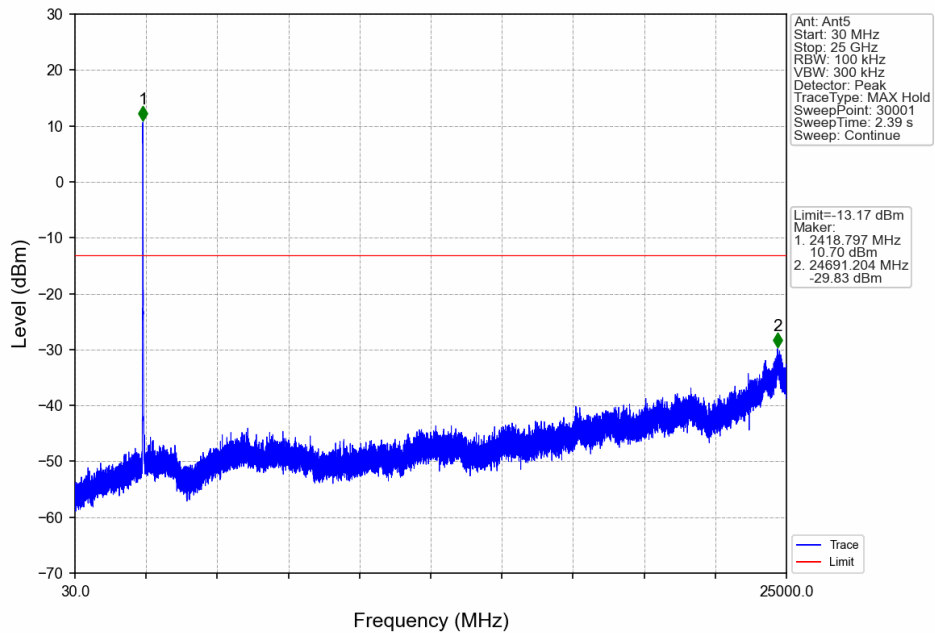
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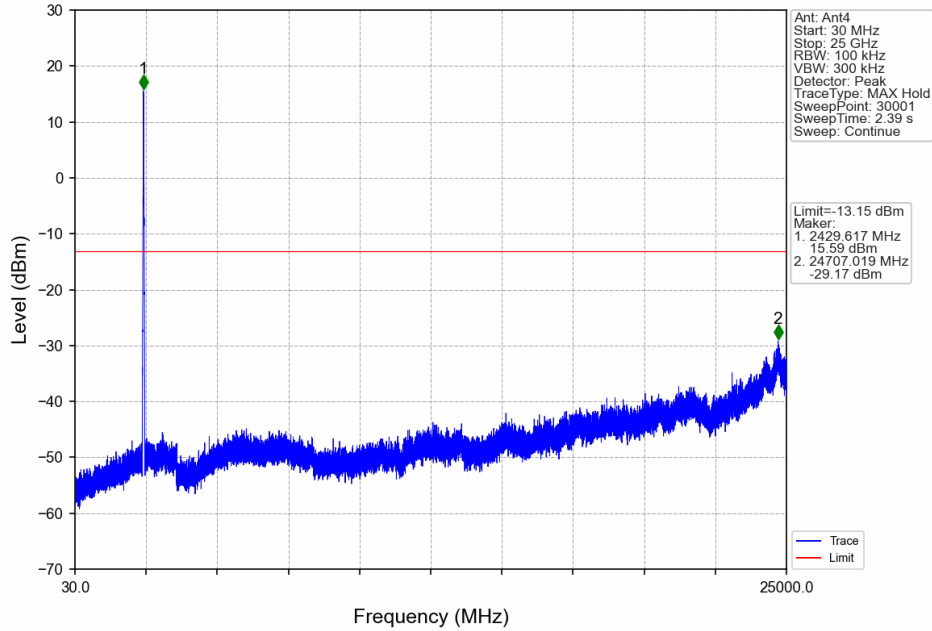
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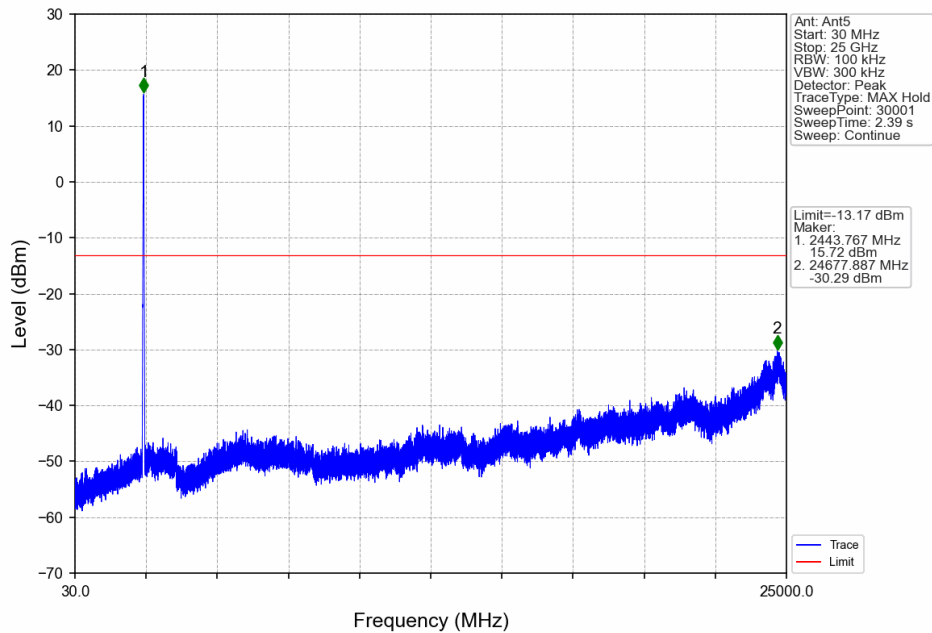
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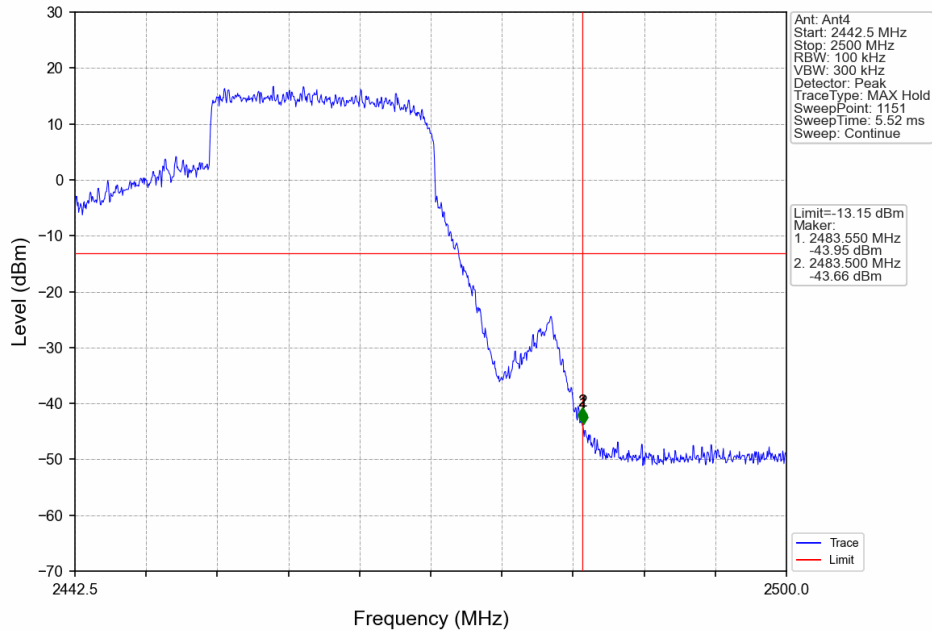


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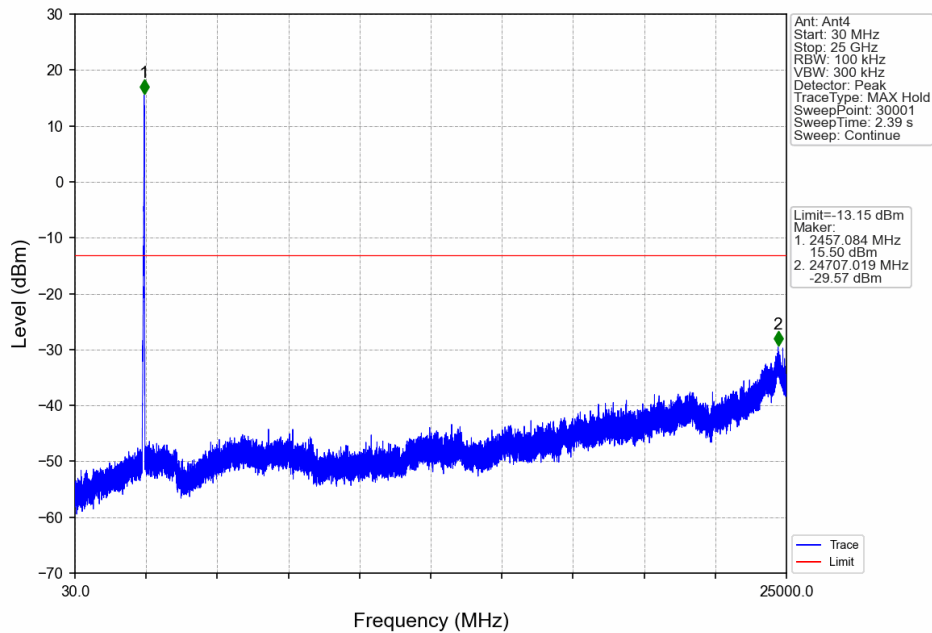
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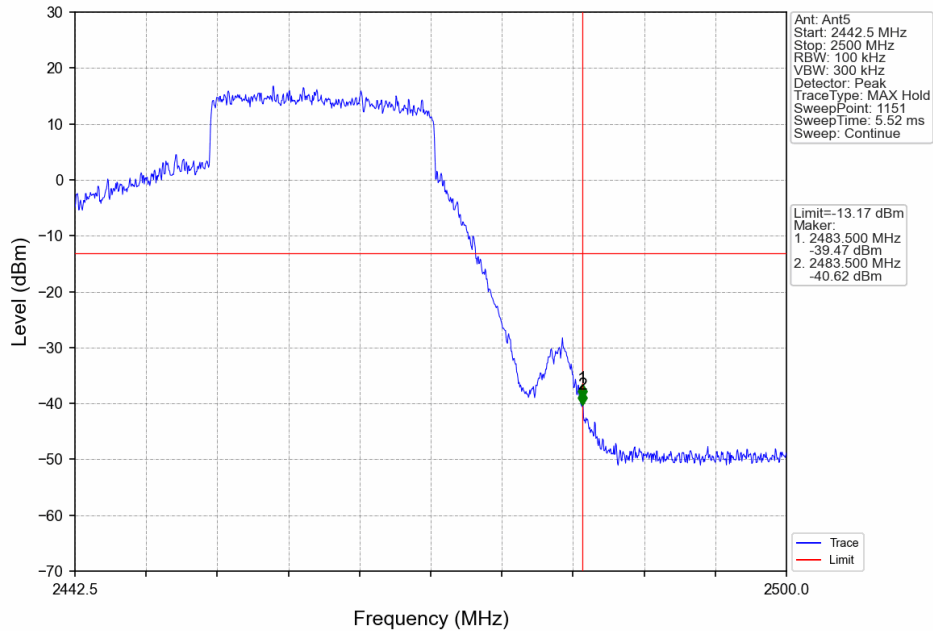
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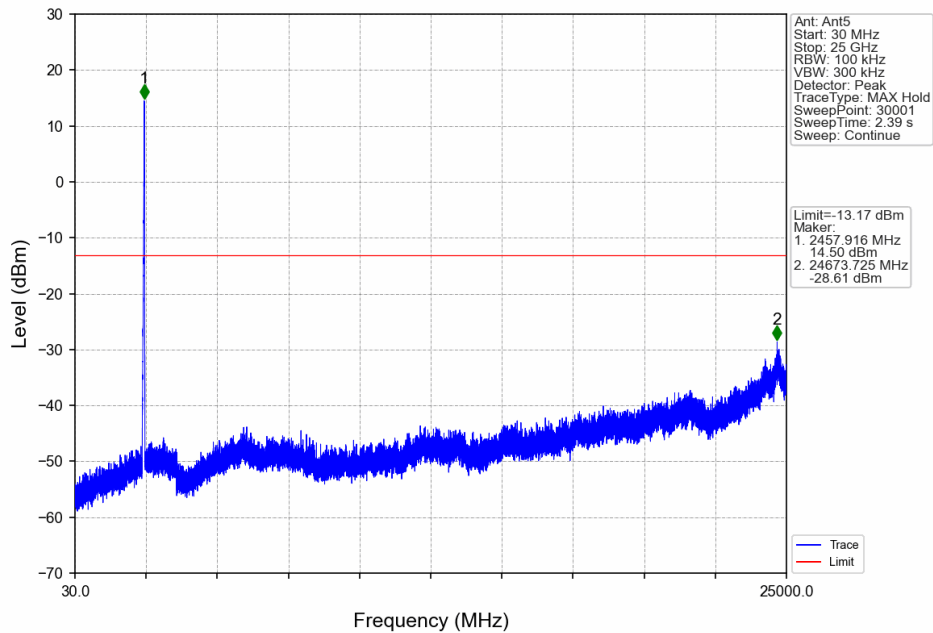
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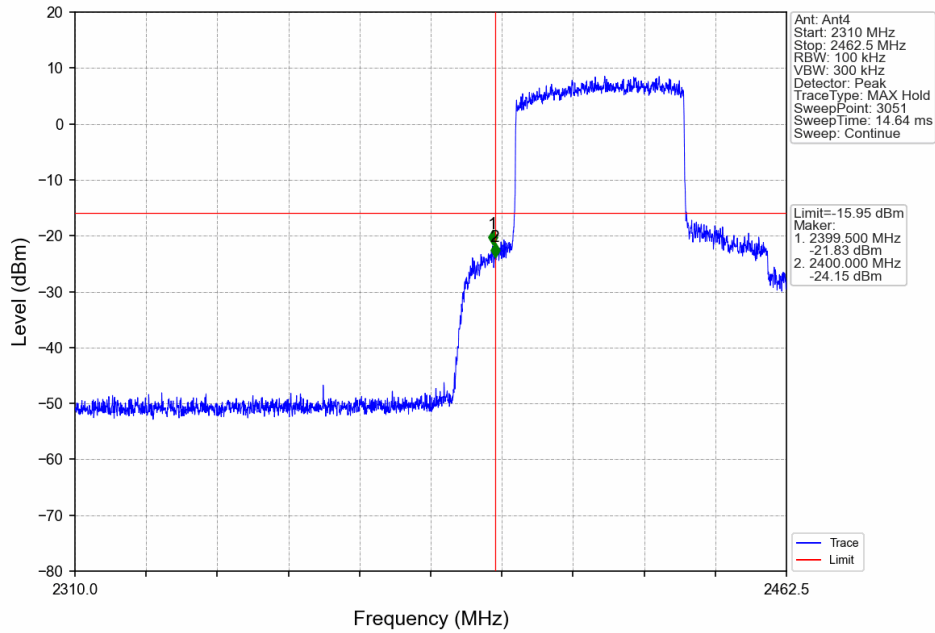
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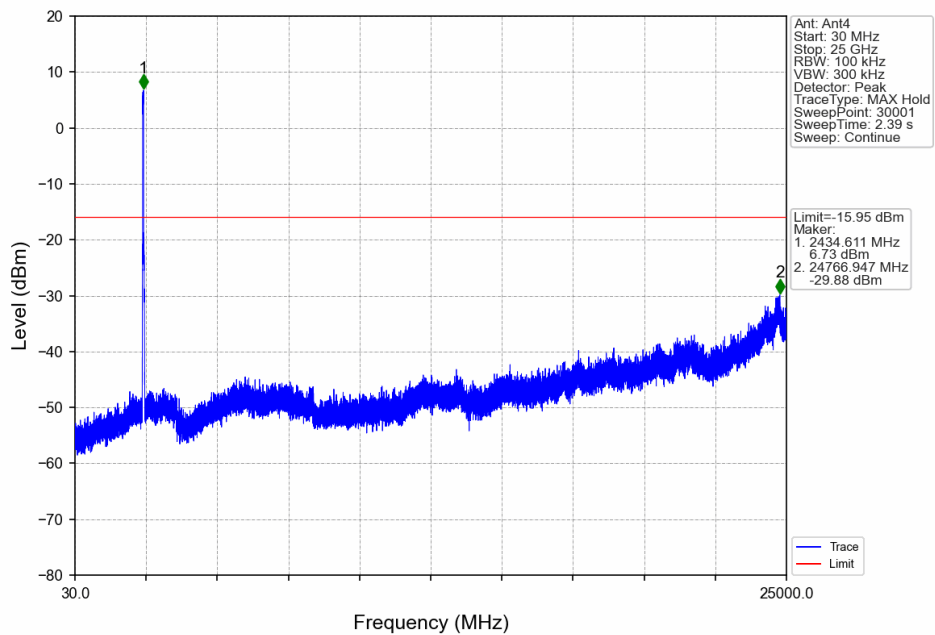
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40M_LCH_2422.5MHz_Ant4_NTNV



40M_LCH_2422.5MHz_Ant4_NTNV



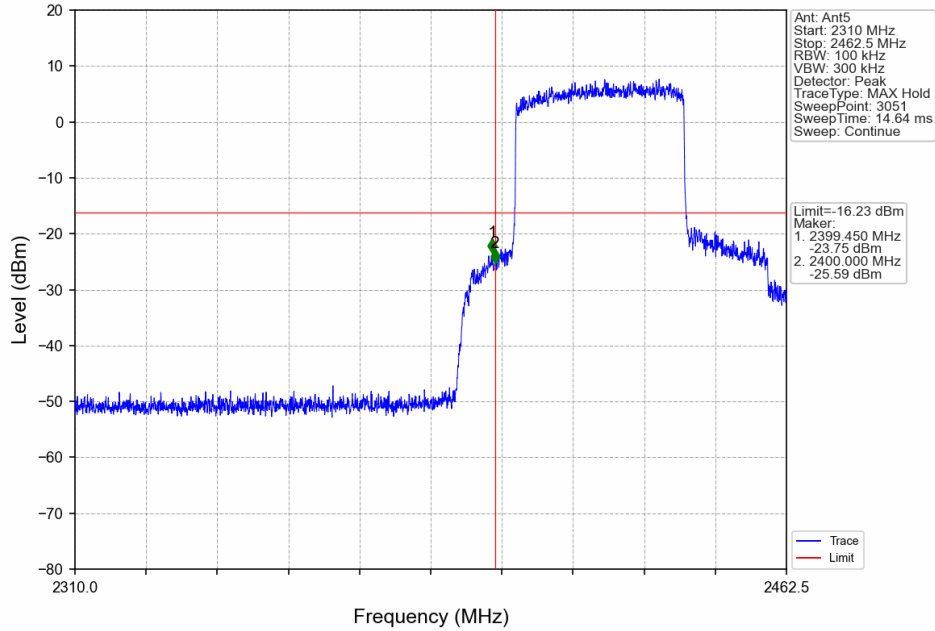
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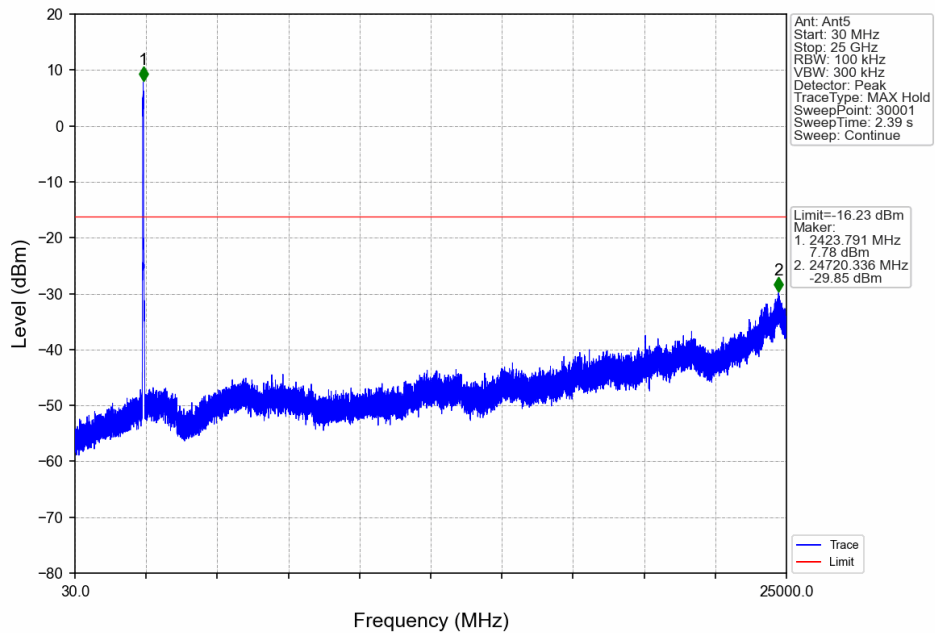
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40M_LCH_2422.5MHz_Ant5_NTNV



40M_LCH_2422.5MHz_Ant5_NTNV

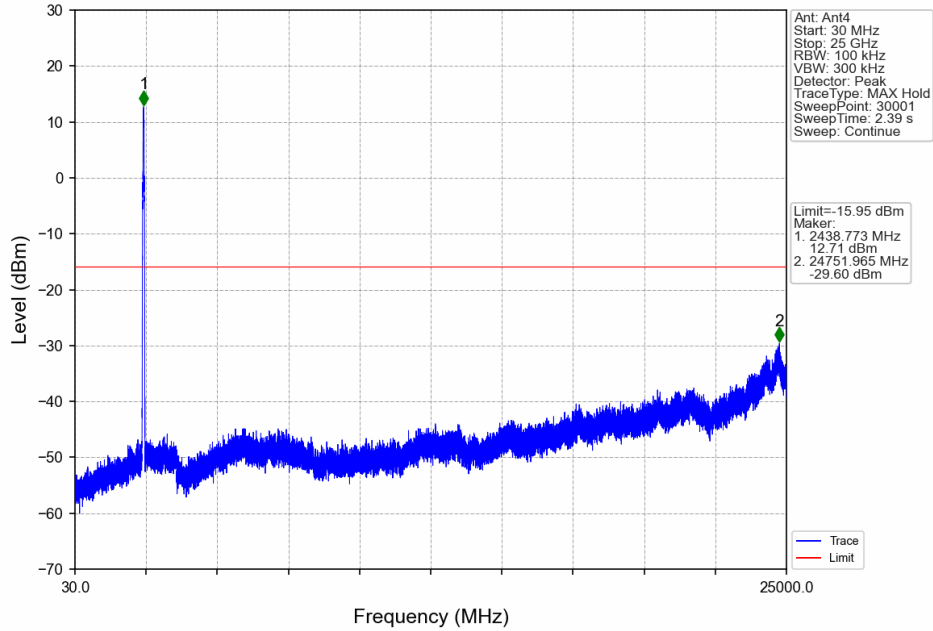


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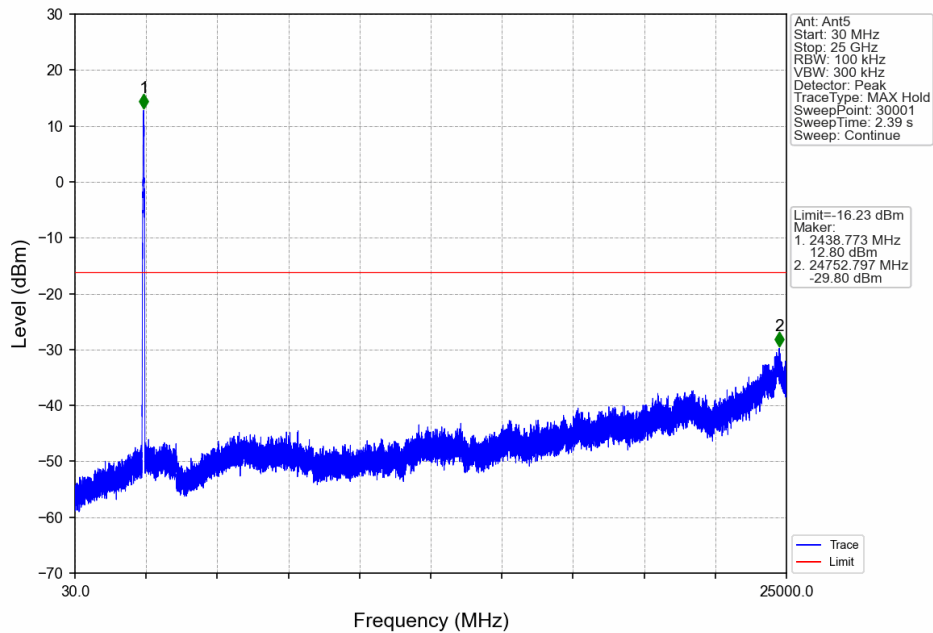
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40M_MCH_2437.5MHz_Ant4_NTNV



40M_MCH_2437.5MHz_Ant5_NTNV



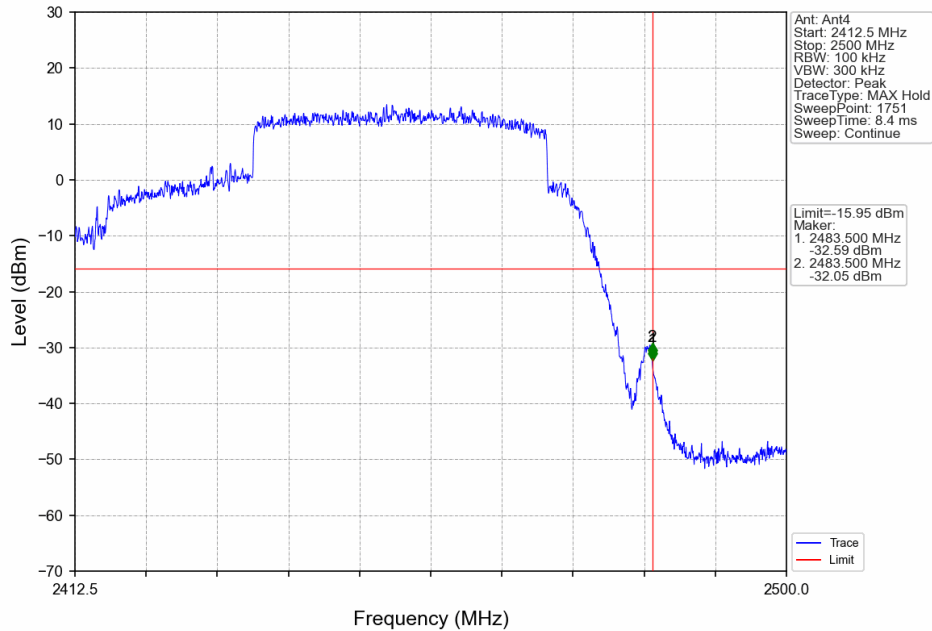
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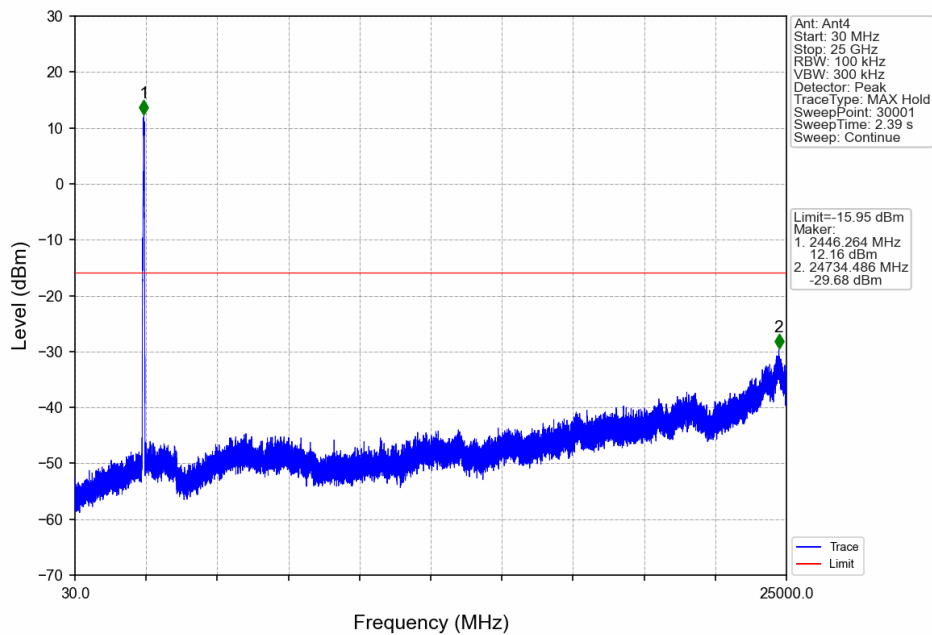
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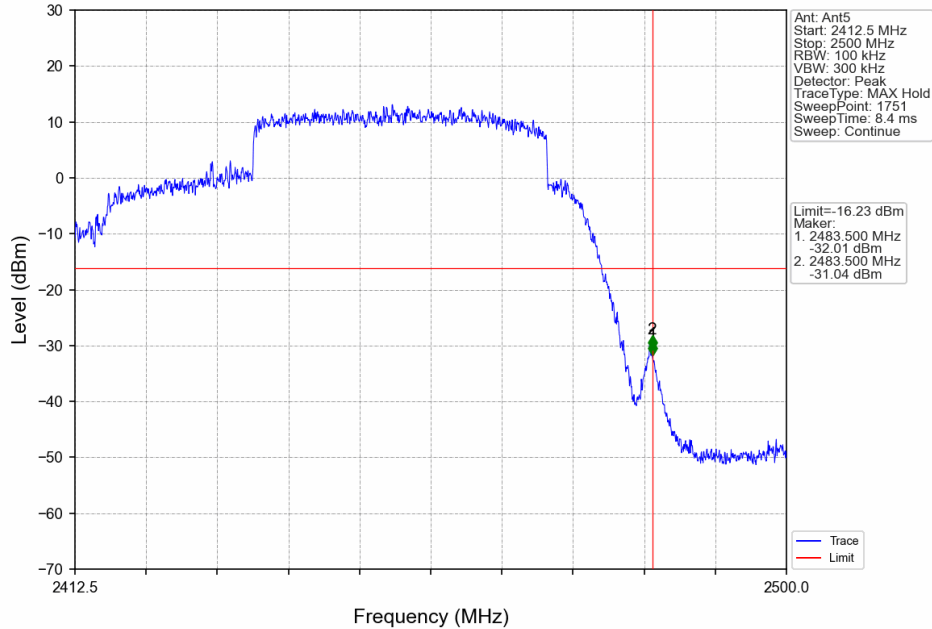
40M_HCH_2452.5MHz_Ant4_NTNV



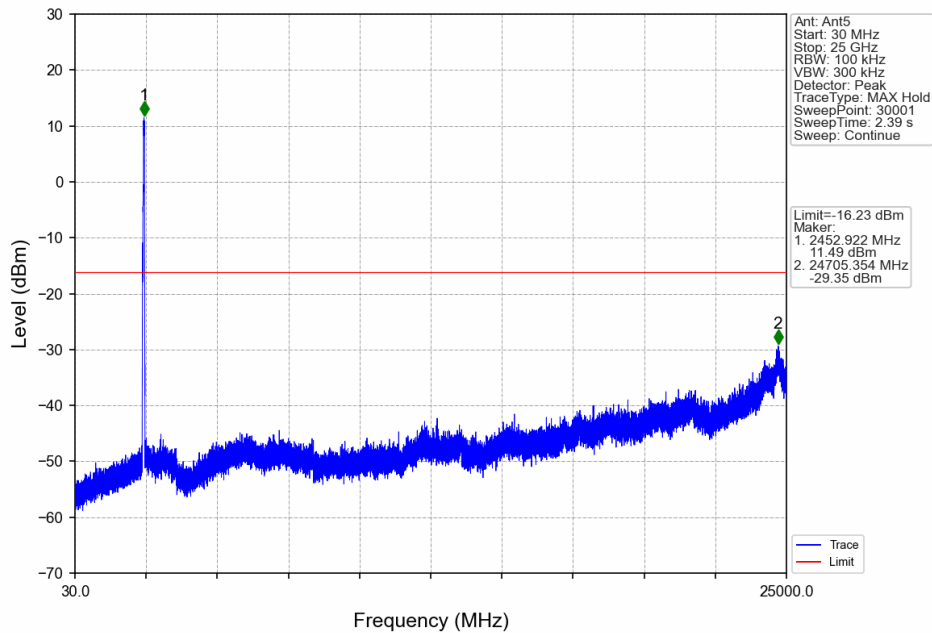
40M_HCH_2452.5MHz_Ant4_NTNV



40M_HCH_2452.5MHz_Ant5_NTNV



40M_HCH_2452.5MHz_Ant5_NTNV



2.4G SDR MIMO Mode (ANT0 combined ANT1 is the worse-case, only the worse-case test data were reported)

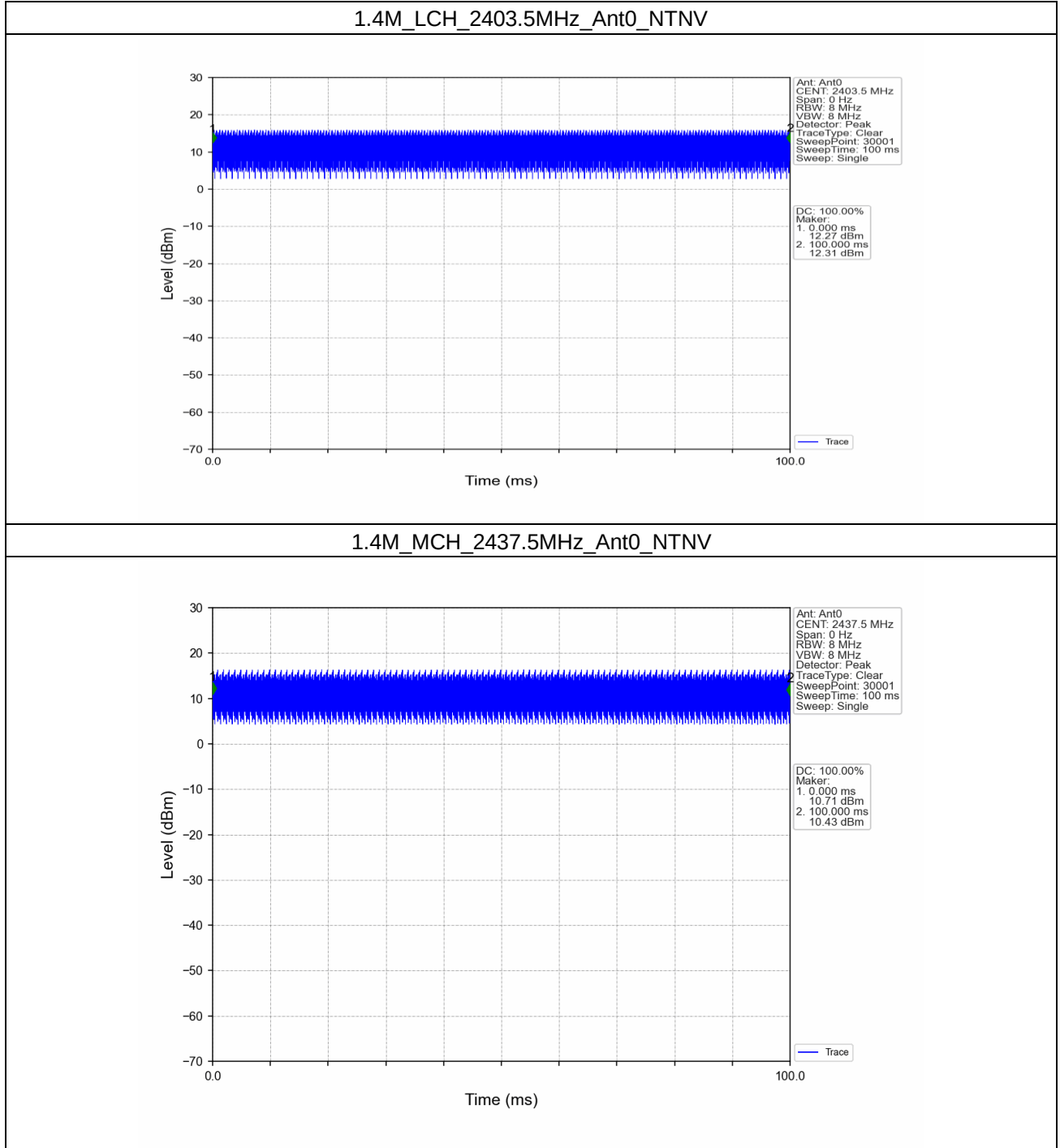
1. Duty Cycle

1.1 Ant0

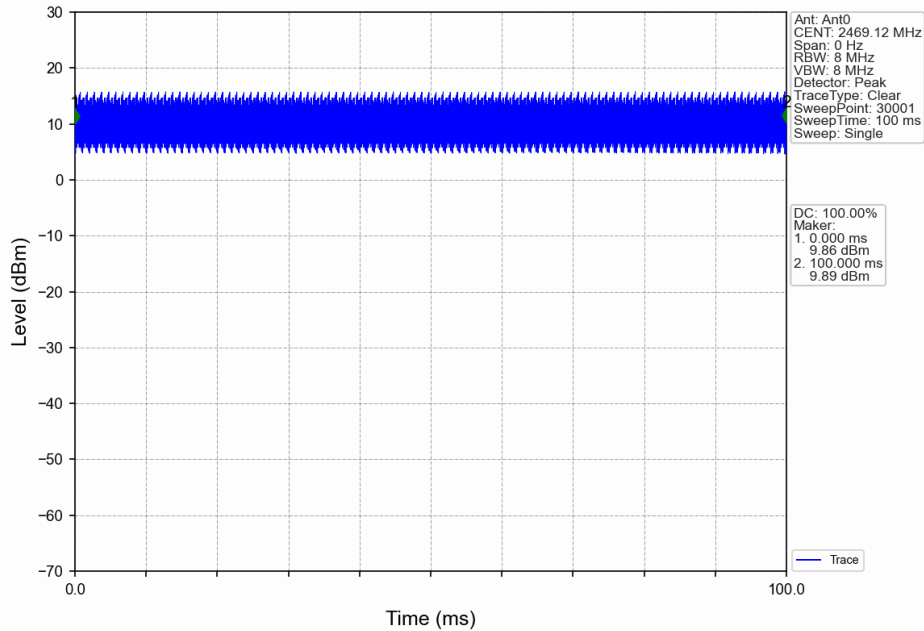
1.1.1 Test Result

Ant0							
Mode	TX Type	Frequency (MHz)	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1.4M	MIMO	2403.5	100.000	100.000	100.00	0.00	0.00
		2437.5	100.000	100.000	100.00	0.00	0.00
		2469.12	100.000	100.000	100.00	0.00	0.00
3M	MIMO	2405.5	100.000	100.000	100.00	0.00	0.00
		2438.5	100.000	100.000	100.00	0.00	0.00
		2468.2	100.000	100.000	100.00	0.00	0.00
5M	MIMO	2404.5	100.000	100.000	100.00	0.00	0.00
		2439.5	100.000	100.000	100.00	0.00	0.00
		2469.5	100.000	100.000	100.00	0.00	0.00
10M	MIMO	2407.5	100.000	100.000	100.00	0.00	0.00
		2437.5	100.000	100.000	100.00	0.00	0.00
		2467.5	100.000	100.000	100.00	0.00	0.00
20M	MIMO	2412.5	100.000	100.000	100.00	0.00	0.00
		2437.5	100.000	100.000	100.00	0.00	0.00
		2462.5	100.000	100.000	100.00	0.00	0.00
40M	MIMO	2422.5	100.000	100.000	100.00	0.00	0.00
		2437.5	100.000	100.000	100.00	0.00	0.00
		2452.5	100.000	100.000	100.00	0.00	0.00

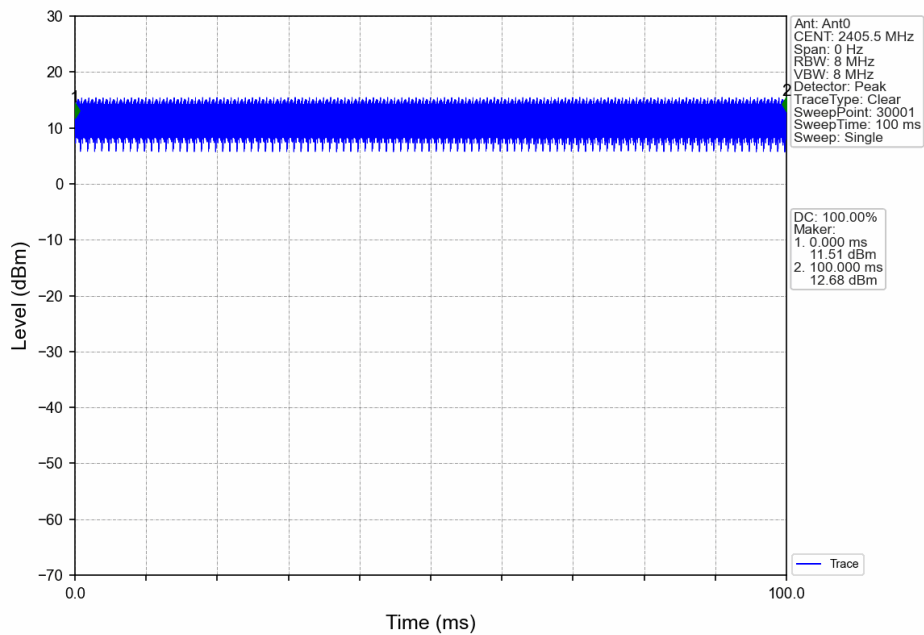
1.1.2 Test Graph



1.4M_HCH_2469.12MHz_Ant0_NTNV



3M_LCH_2405.5MHz_Ant0_NTNV

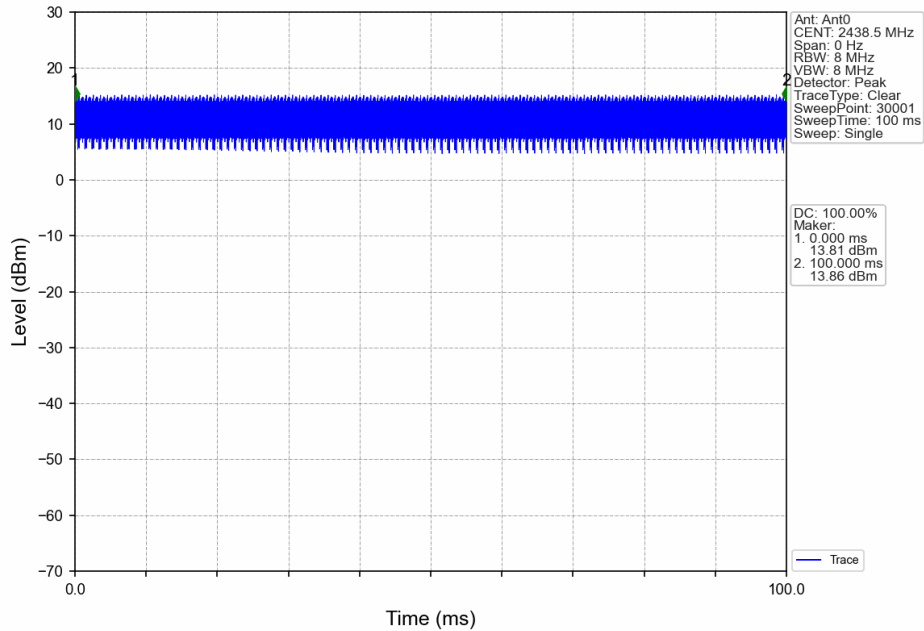


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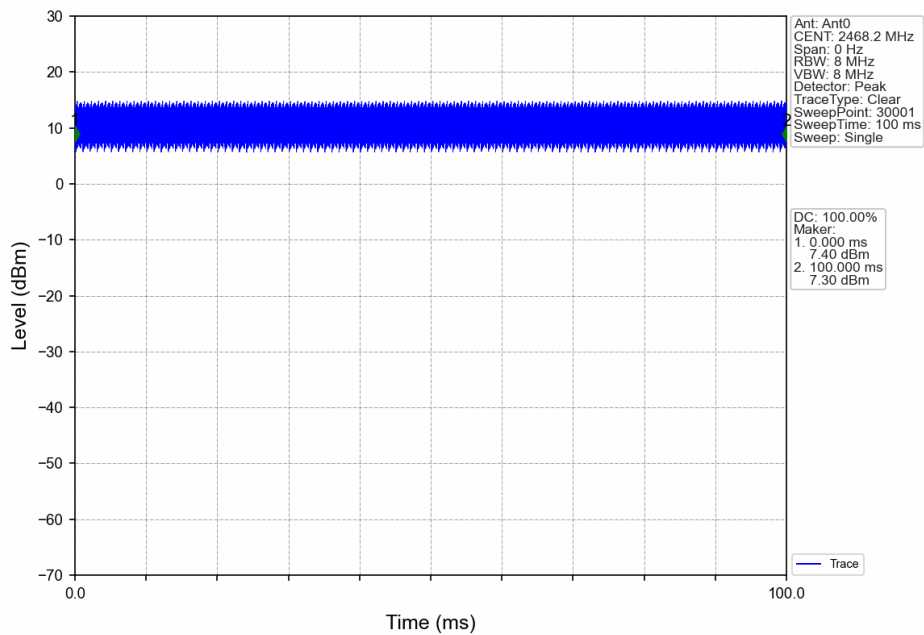
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3M_MCH_2438.5MHz_Ant0_NTNV



3M_HCH_2468.2MHz_Ant0_NTNV

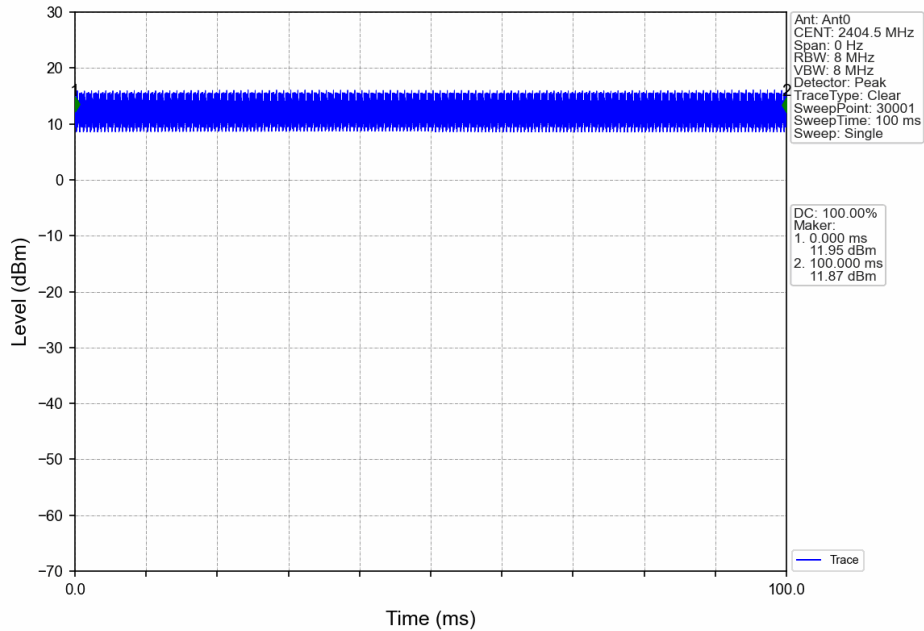


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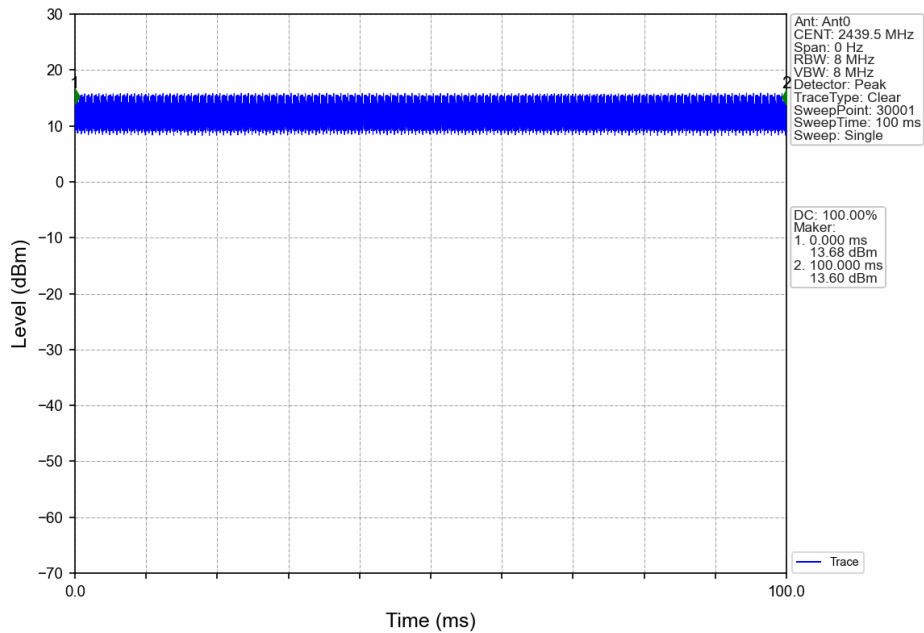
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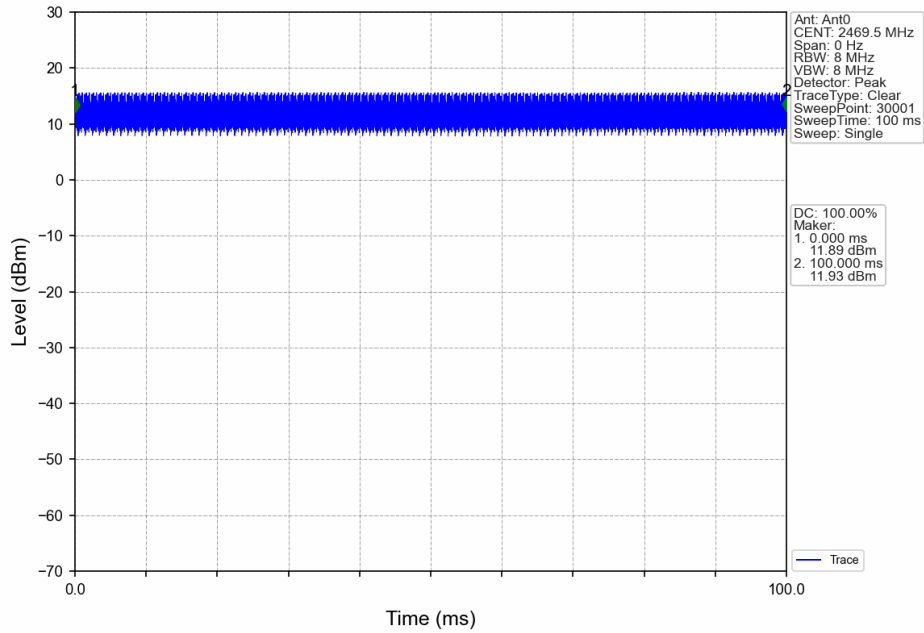
5M_LCH_2404.5MHz_Ant0_NTNV



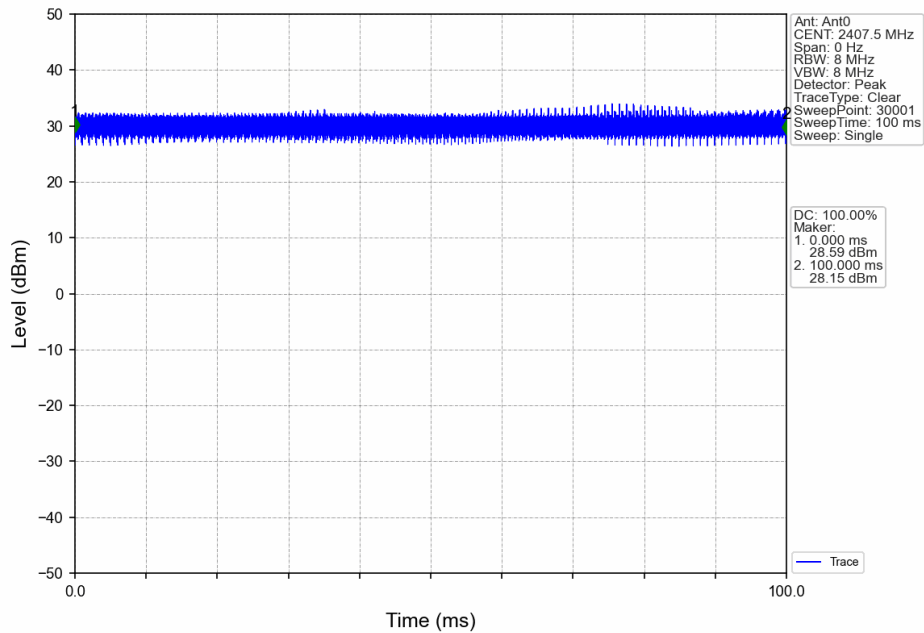
5M_MCH_2439.5MHz_Ant0_NTNV



5M_HCH_2469.5MHz_Ant0_NTNV



10M_LCH_2407.5MHz_Ant0_NTNV

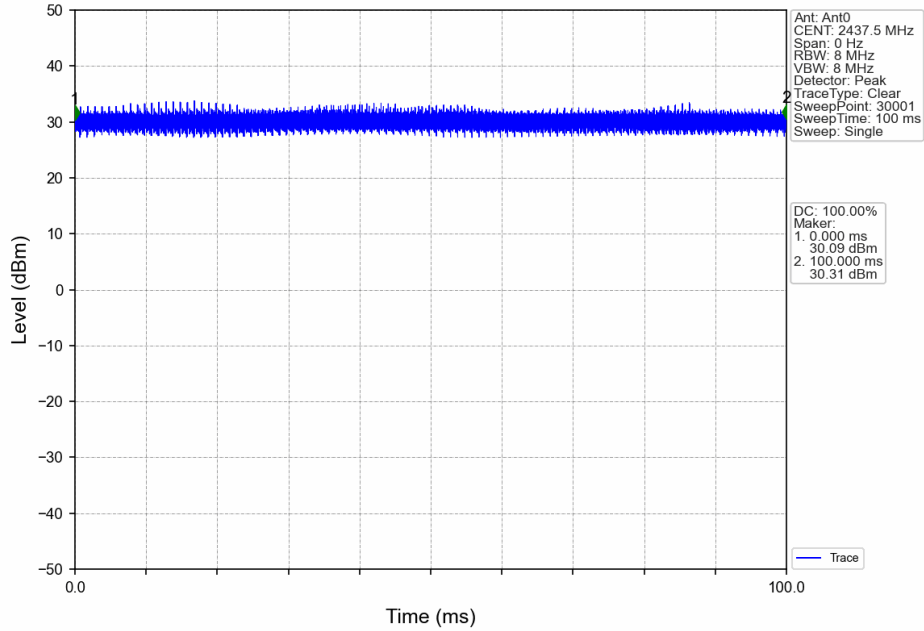


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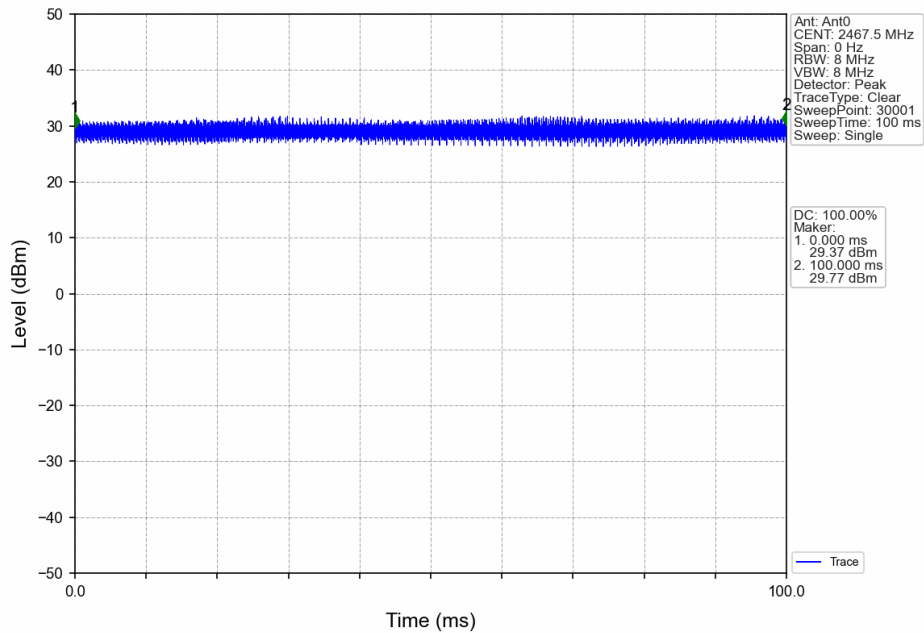
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10M_MCH_2437.5MHz_Ant0_NTNV



10M_HCH_2467.5MHz_Ant0_NTNV

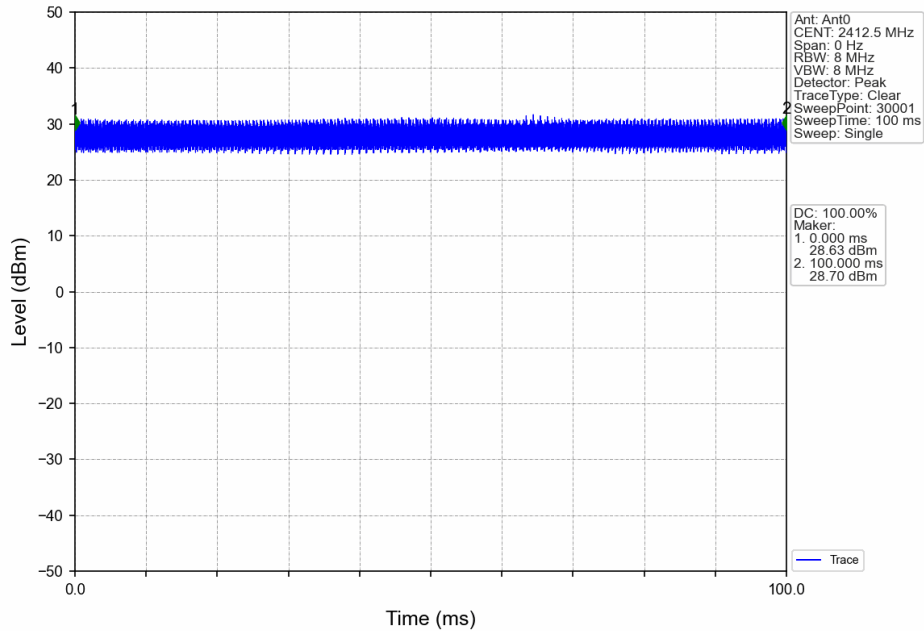


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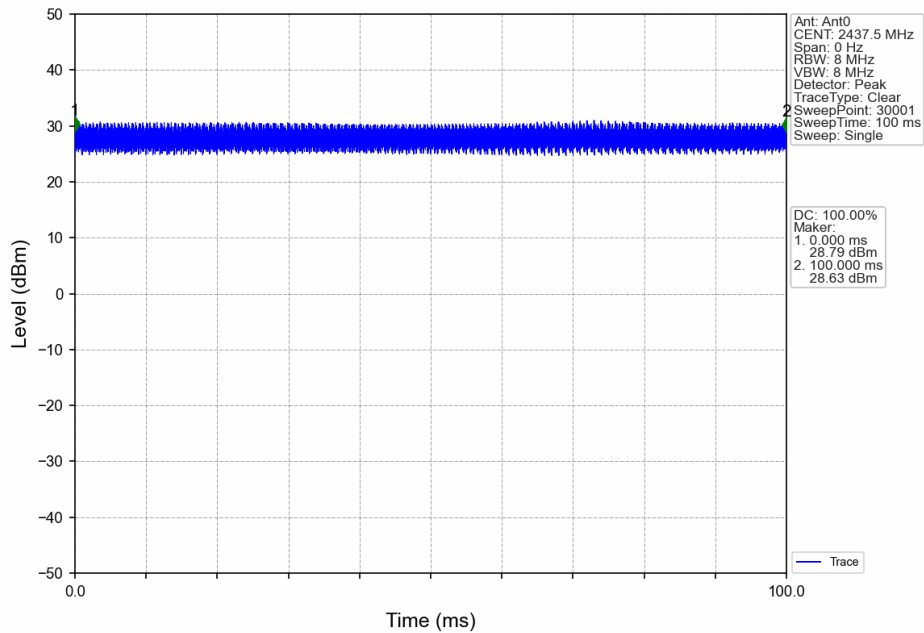
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20M_LCH_2412.5MHz_Ant0_NTNV



20M_MCH_2437.5MHz_Ant0_NTNV

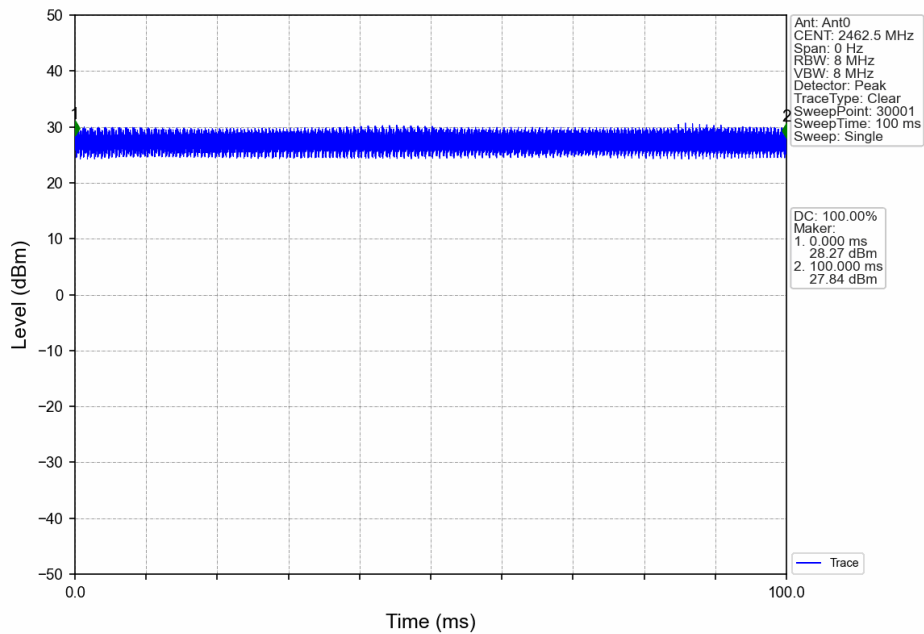


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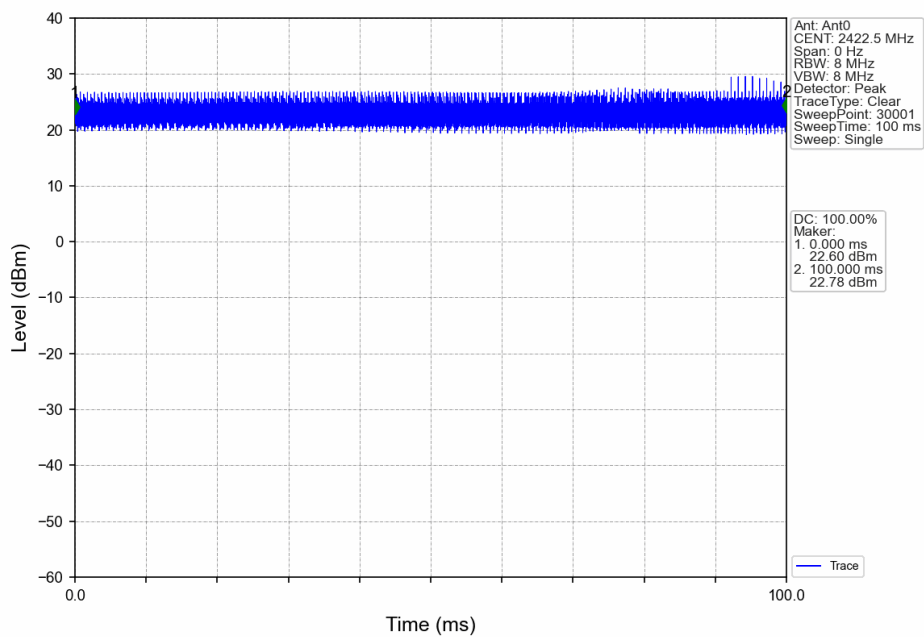
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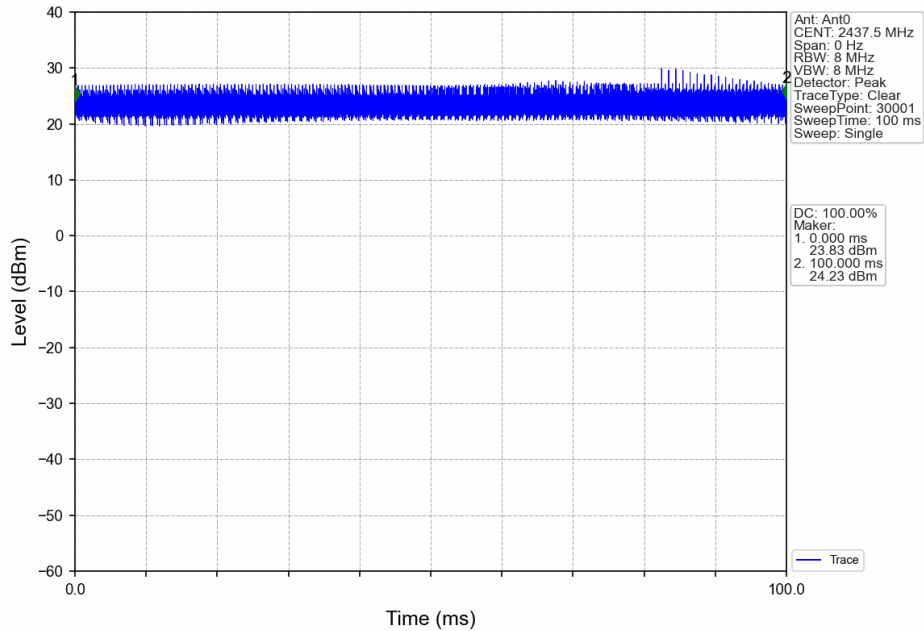
20M_HCH_2462.5MHz_Ant0_NTNV



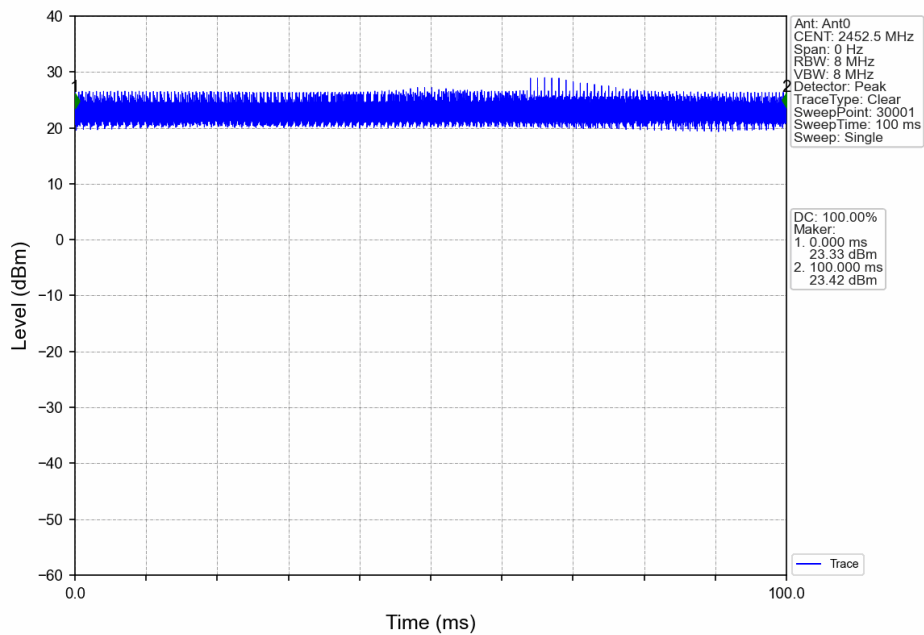
40M_LCH_2422.5MHz_Ant0_NTNV



40M_MCH_2437.5MHz_Ant0_NTNV



40M_HCH_2452.5MHz_Ant0_NTNV



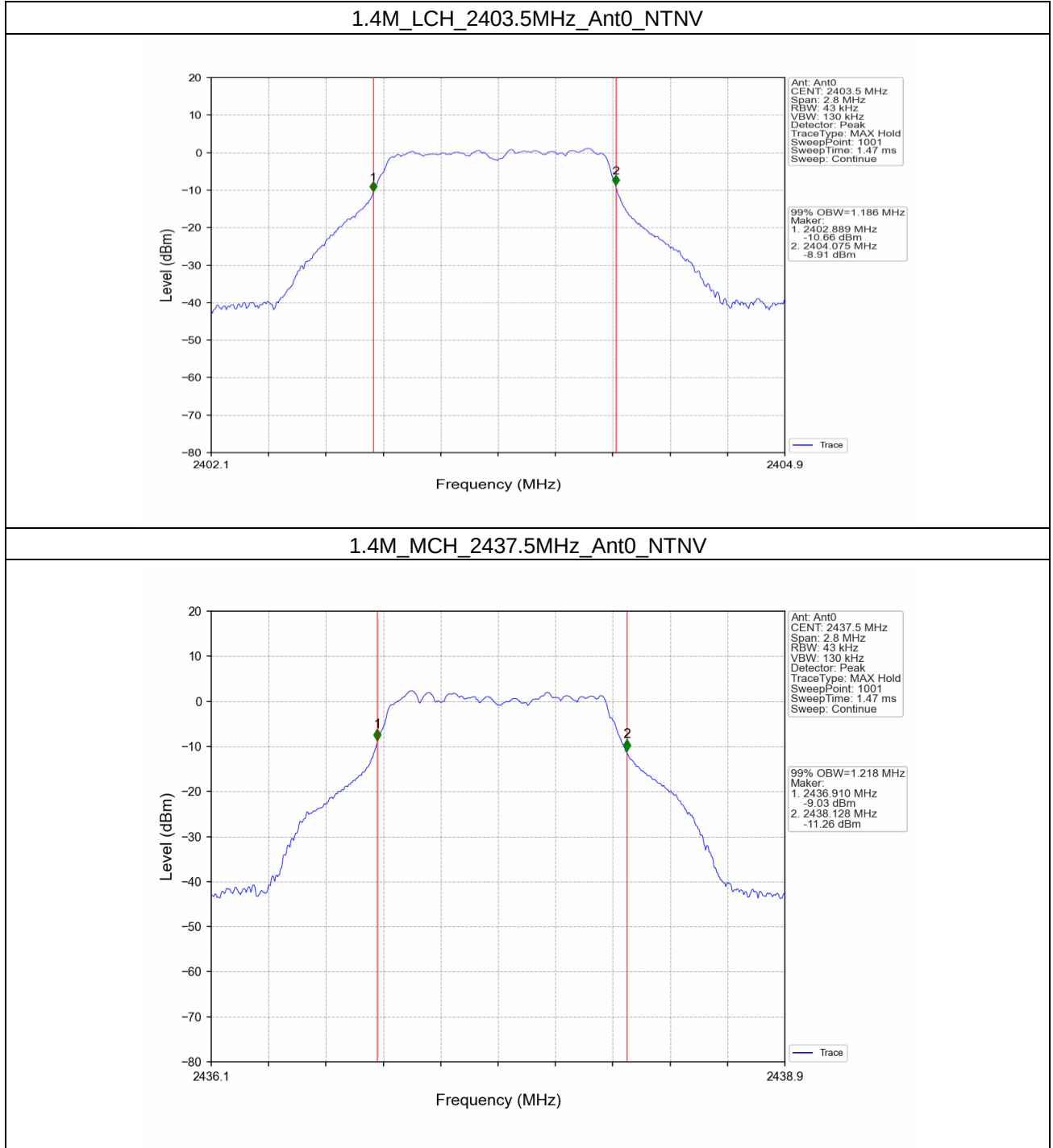
2. Bandwidth

2.1 OBW

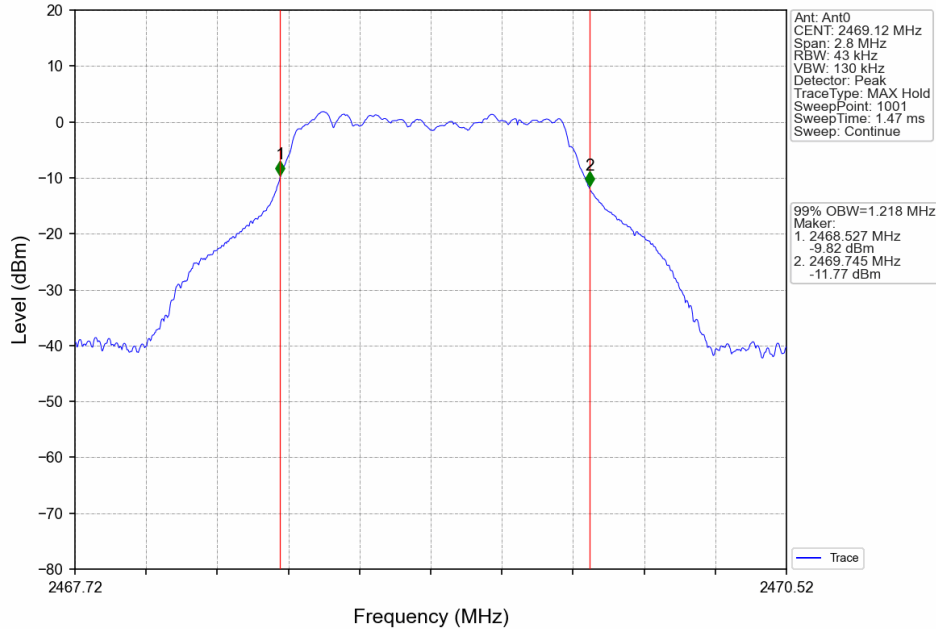
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1.4M	MIMO	2403.5	0	1.186	Pass
		2437.5	0	1.218	Pass
		2469.12	0	1.218	Pass
3M	MIMO	2405.5	0	2.285	Pass
		2438.5	0	2.286	Pass
		2468.2	0	2.284	Pass
5M	MIMO	2404.5	0	4.411	Pass
		2439.5	0	4.413	Pass
		2469.5	0	4.411	Pass
10M	MIMO	2407.5	0	9.120	Pass
		2437.5	0	9.144	Pass
		2467.5	0	9.266	Pass
20M	MIMO	2412.5	0	18.112	Pass
		2437.5	0	18.233	Pass
		2462.5	0	18.224	Pass
40M	MIMO	2422.5	0	36.143	Pass
		2437.5	0	36.494	Pass
		2452.5	0	36.284	Pass

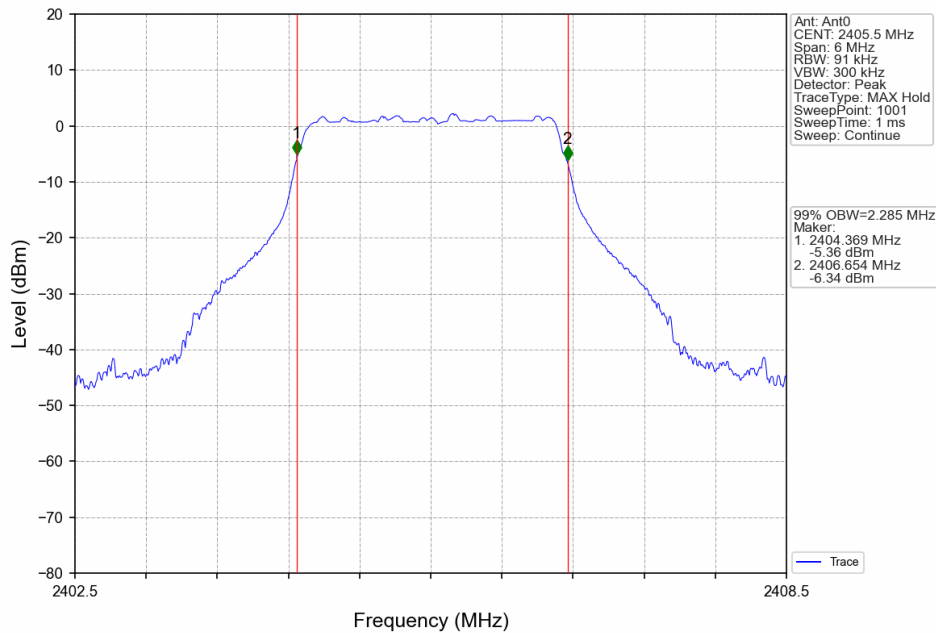
2.1.2 Test Graph



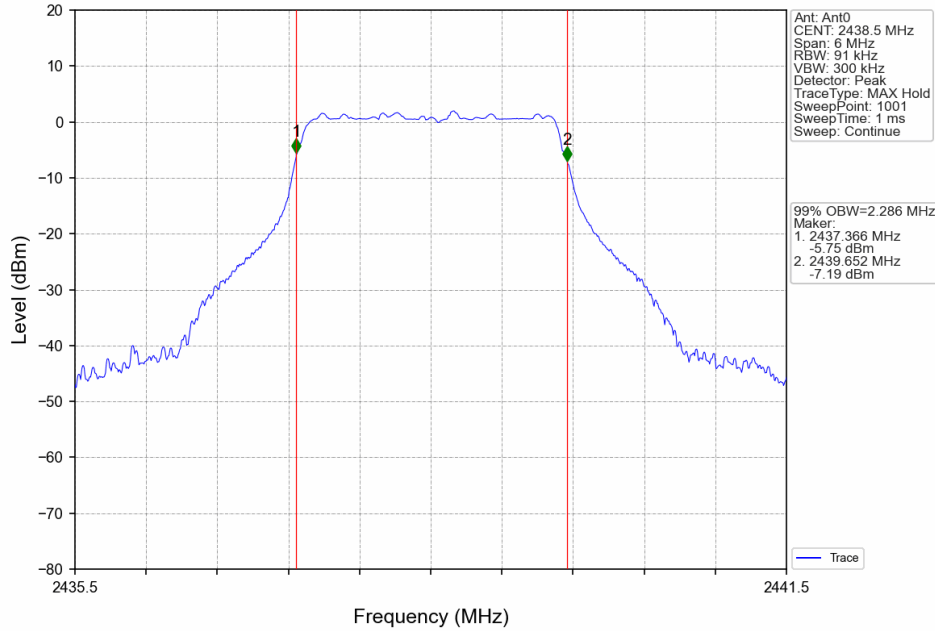
1.4M_HCH_2469.12MHz_Ant0_NTNV



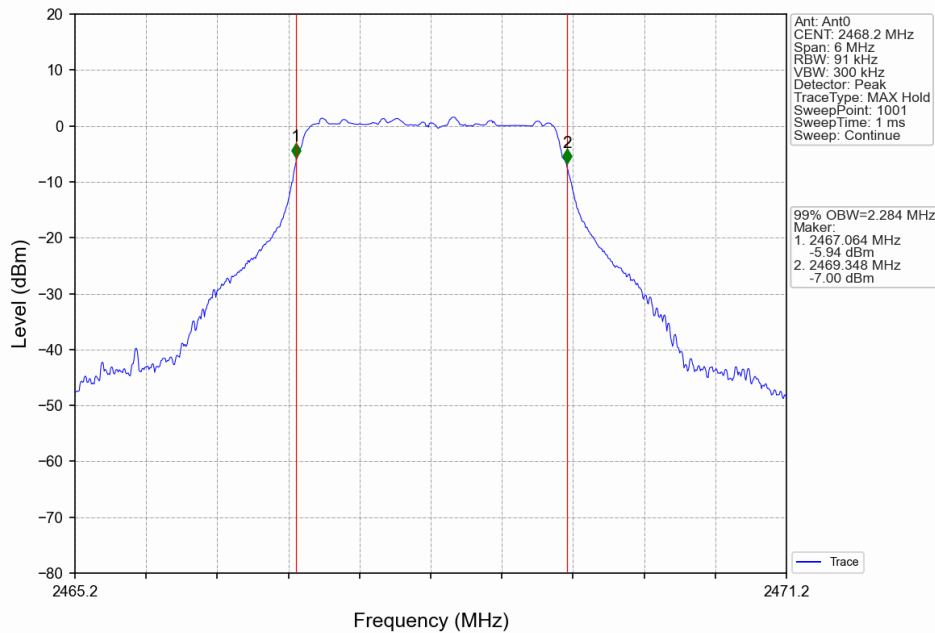
3M_LCH_2405.5MHz_Ant0_NTNV



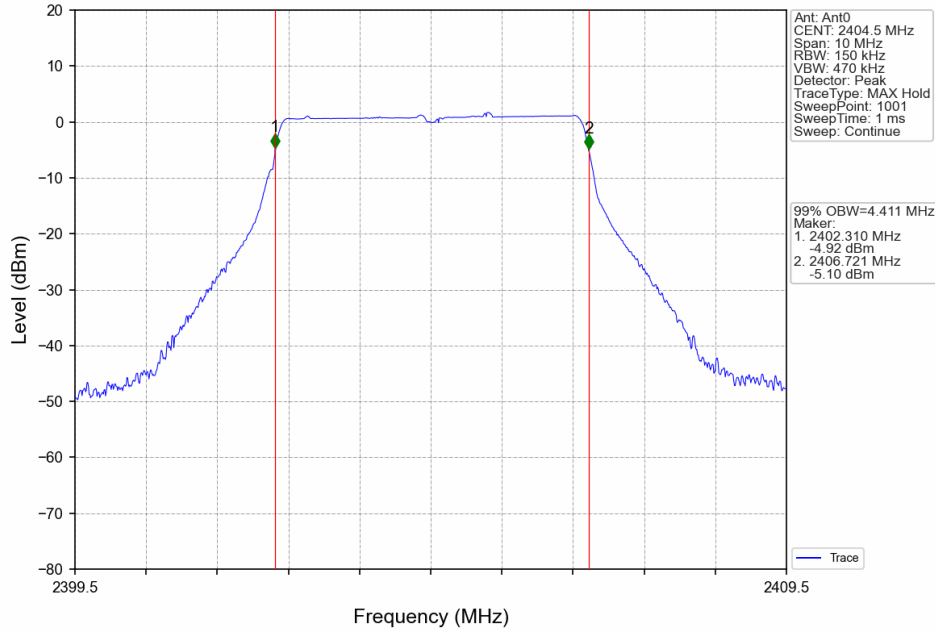
3M_MCH_2438.5MHz_Ant0_NTNV



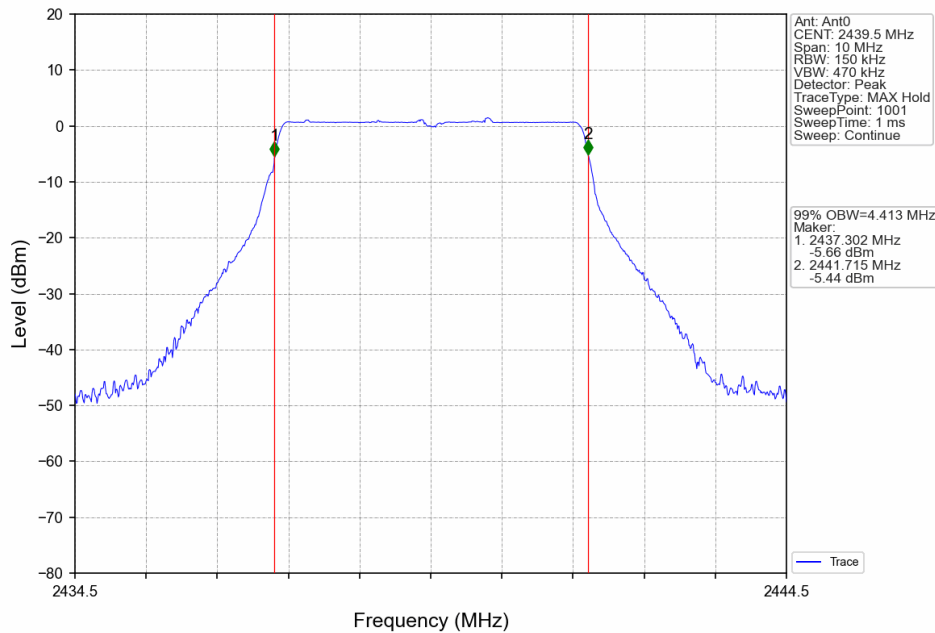
3M_HCH_2468.2MHz_Ant0_NTNV



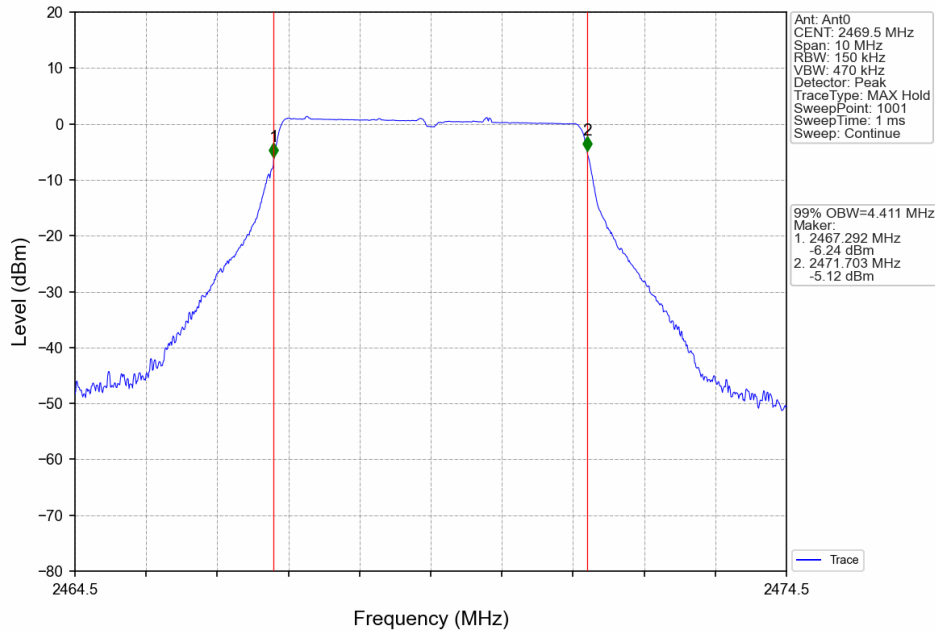
5M_LCH_2404.5MHz_Ant0_NTNV



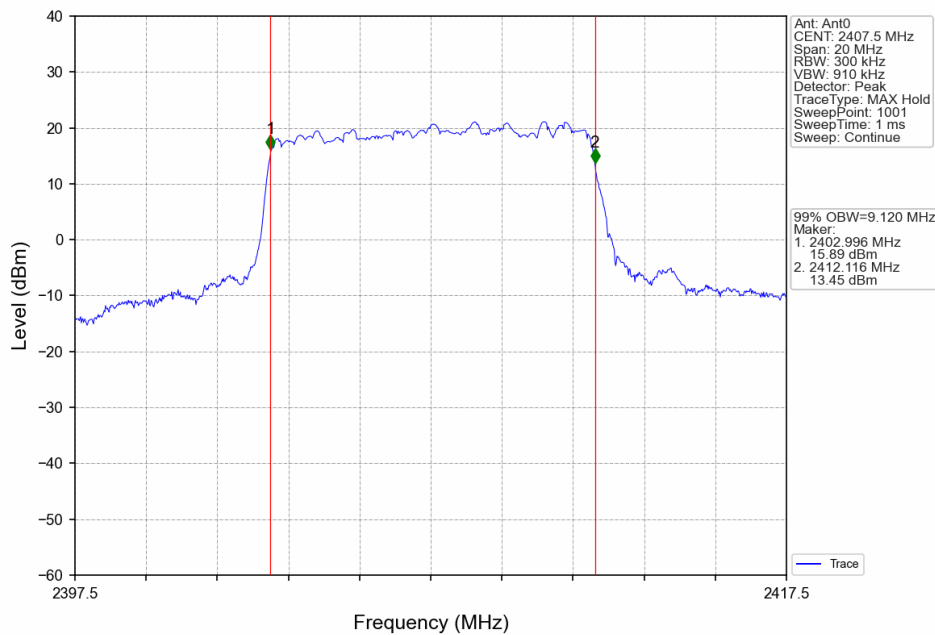
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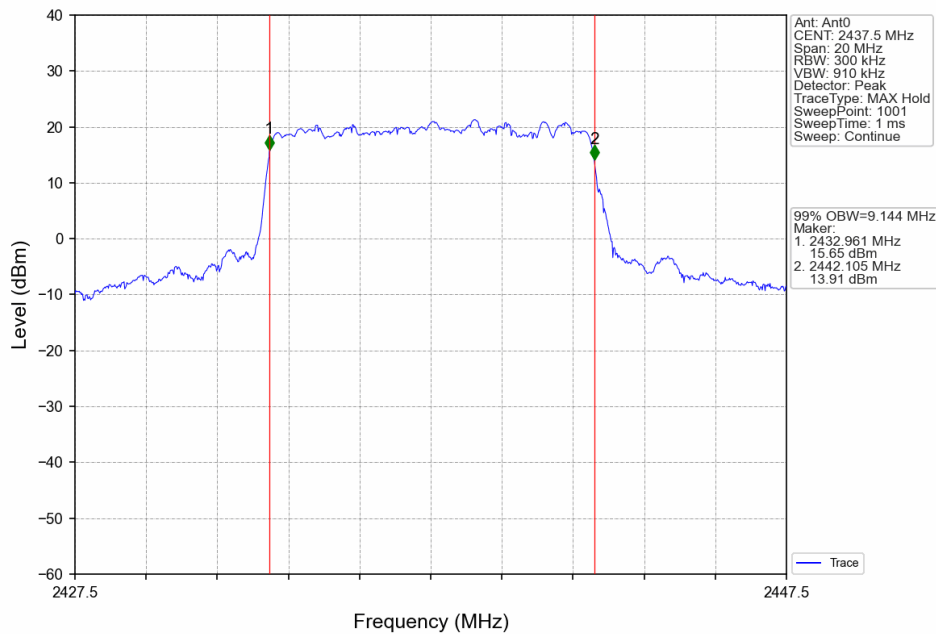
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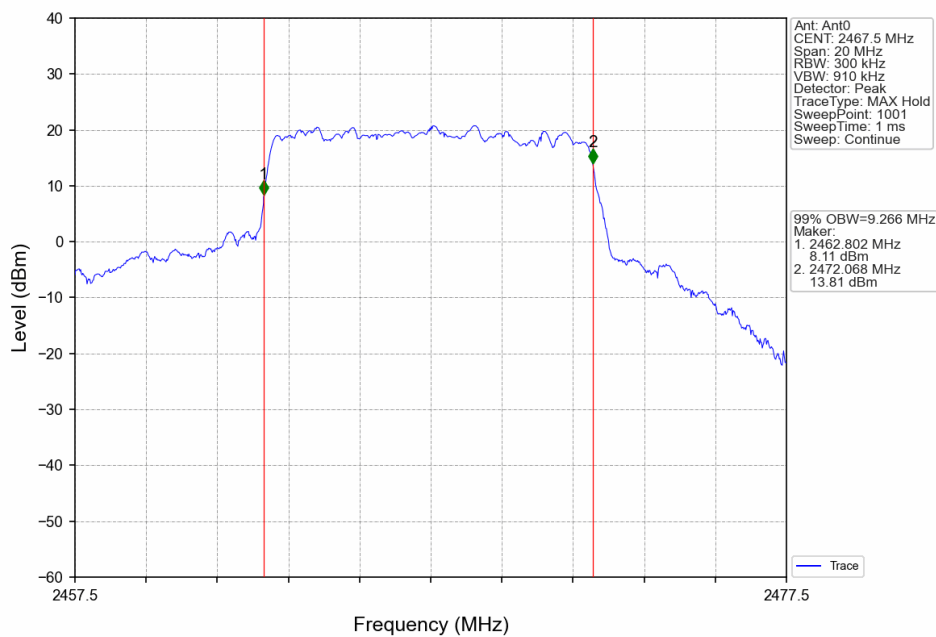
10M_LCH_2407.5MHz_Ant0_NTNV



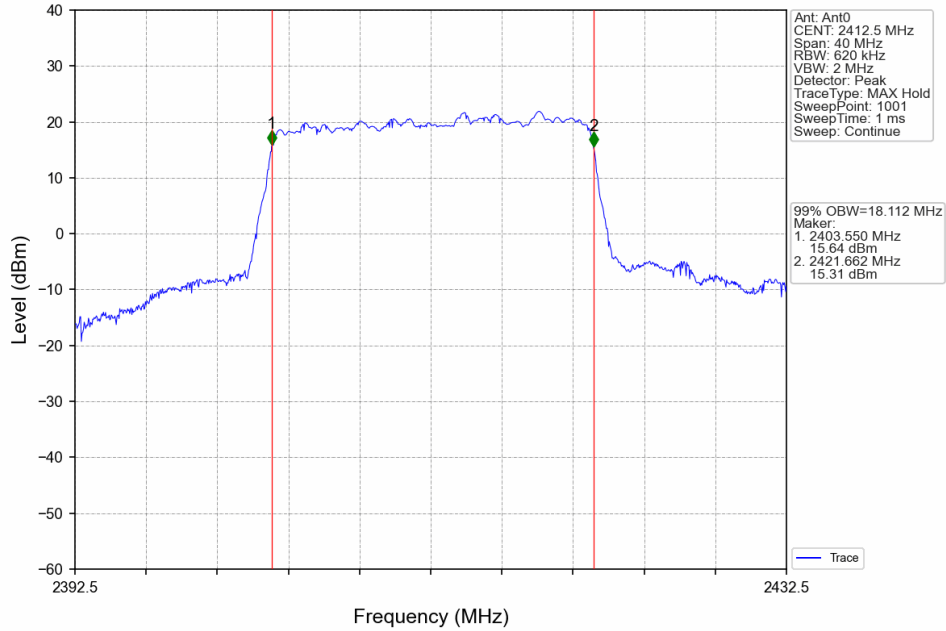
10M_MCH_2437.5MHz_Ant0_NTNV



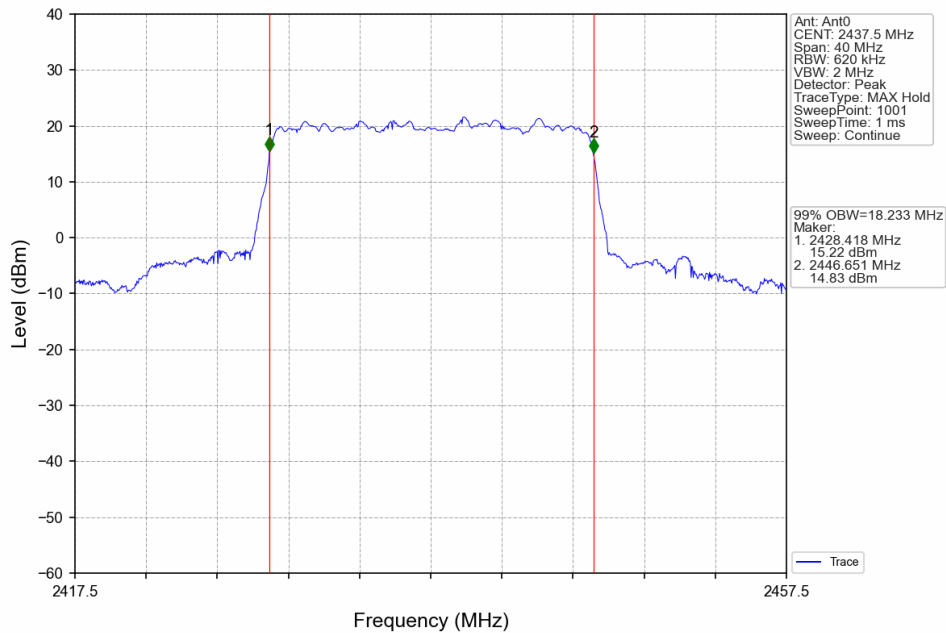
10M_HCH_2467.5MHz_Ant0_NTNV



20M_LCH_2412.5MHz_Ant0_NTNV



20M_MCH_2437.5MHz_Ant0_NTNV



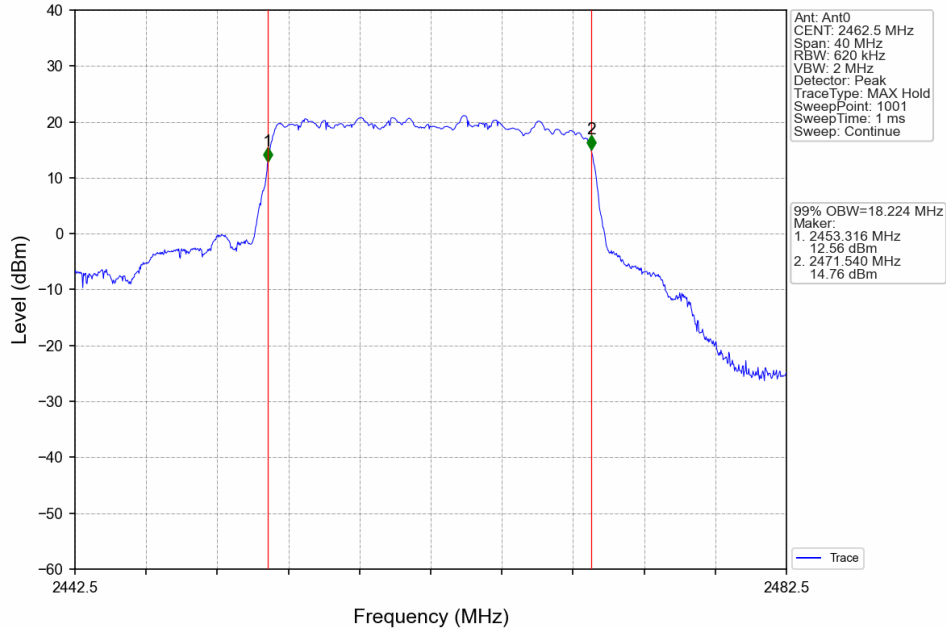
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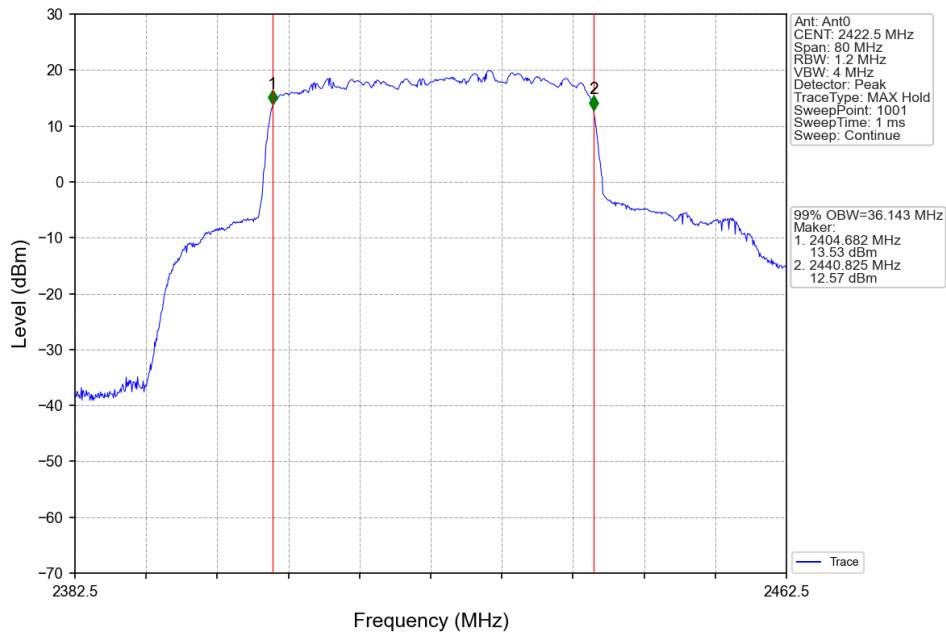
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Shenzhen Branch Testing Center EEC Laboratory.

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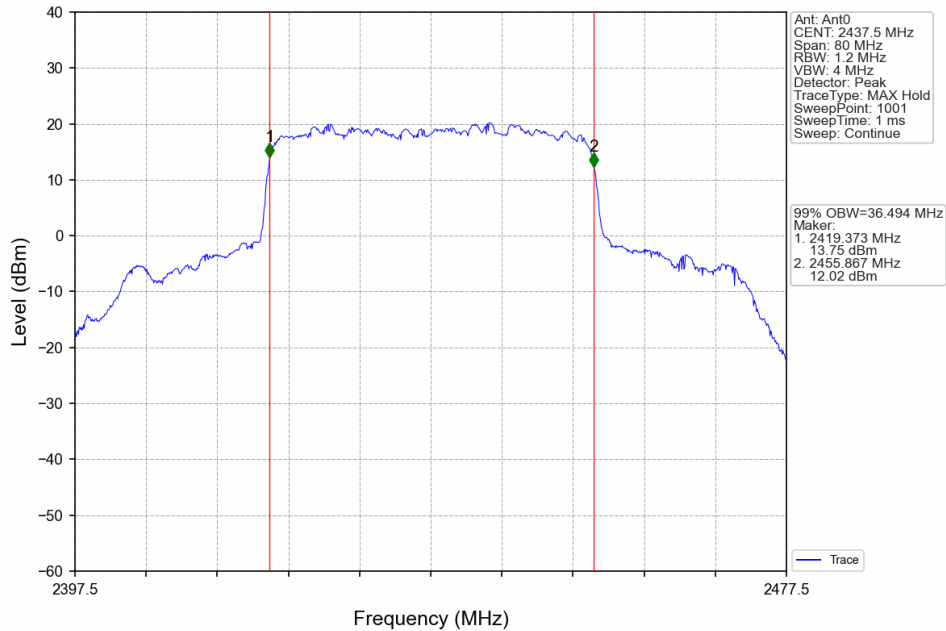
20M_HCH_2462.5MHz_Ant0_NTNV



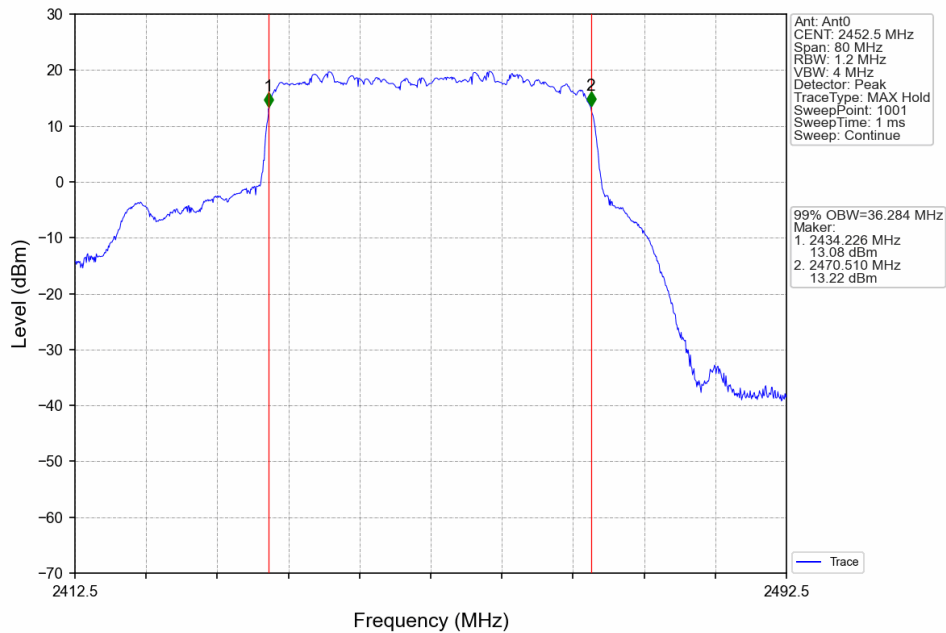
40M_LCH_2422.5MHz_Ant0_NTNV



40M_MCH_2437.5MHz_Ant0_NTNV



40M_HCH_2452.5MHz_Ant0_NTNV



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400101304

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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1.4M	MIMO	2403.5	0	1.139	≥ 0.5	Pass
		2437.5	0	1.111	≥ 0.5	Pass
		2469.12	0	1.109	≥ 0.5	Pass
3M	MIMO	2405.5	0	2.200	≥ 0.5	Pass
		2438.5	0	2.204	≥ 0.5	Pass
		2468.2	0	2.207	≥ 0.5	Pass
5M	MIMO	2404.5	0	4.360	≥ 0.5	Pass
		2439.5	0	4.362	≥ 0.5	Pass
		2469.5	0	4.356	≥ 0.5	Pass
10M	MIMO	2407.5	0	9.057	≥ 0.5	Pass
		2437.5	0	9.050	≥ 0.5	Pass
		2467.5	0	9.035	≥ 0.5	Pass
20M	MIMO	2412.5	0	17.984	≥ 0.5	Pass
		2437.5	0	18.044	≥ 0.5	Pass
		2462.5	0	18.009	≥ 0.5	Pass
40M	MIMO	2422.5	0	35.961	≥ 0.5	Pass
		2437.5	0	36.010	≥ 0.5	Pass
		2452.5	0	36.046	≥ 0.5	Pass

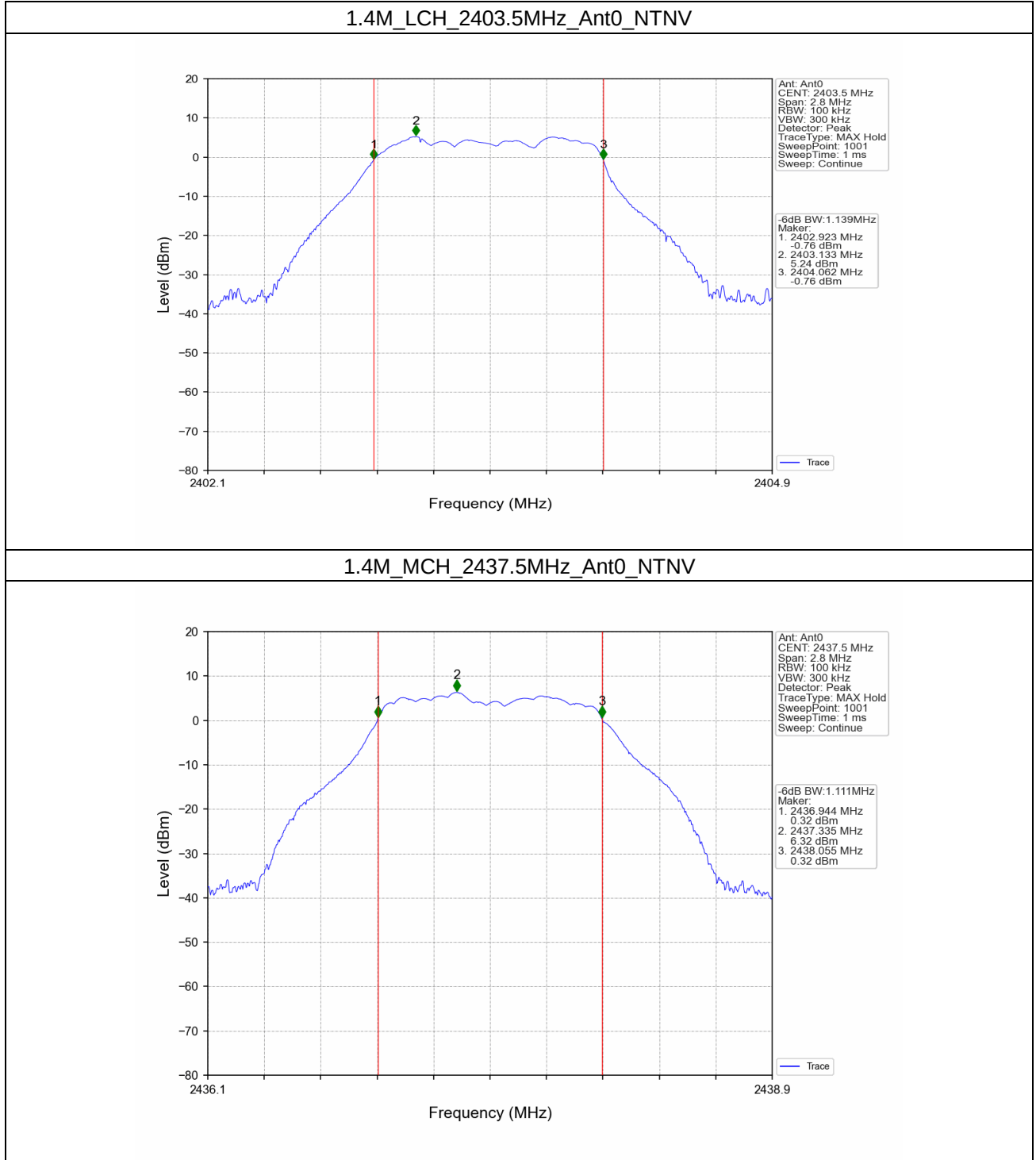


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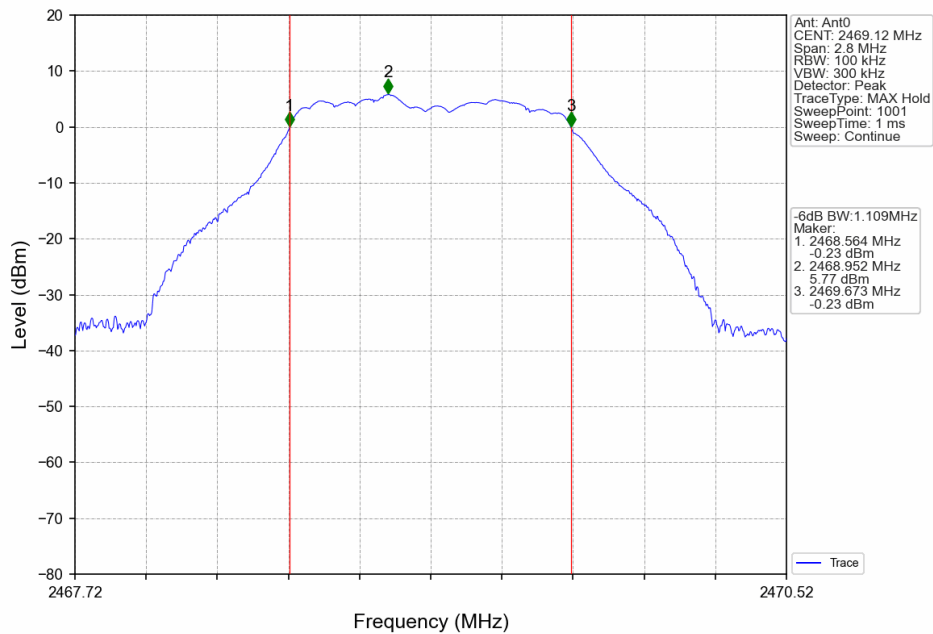
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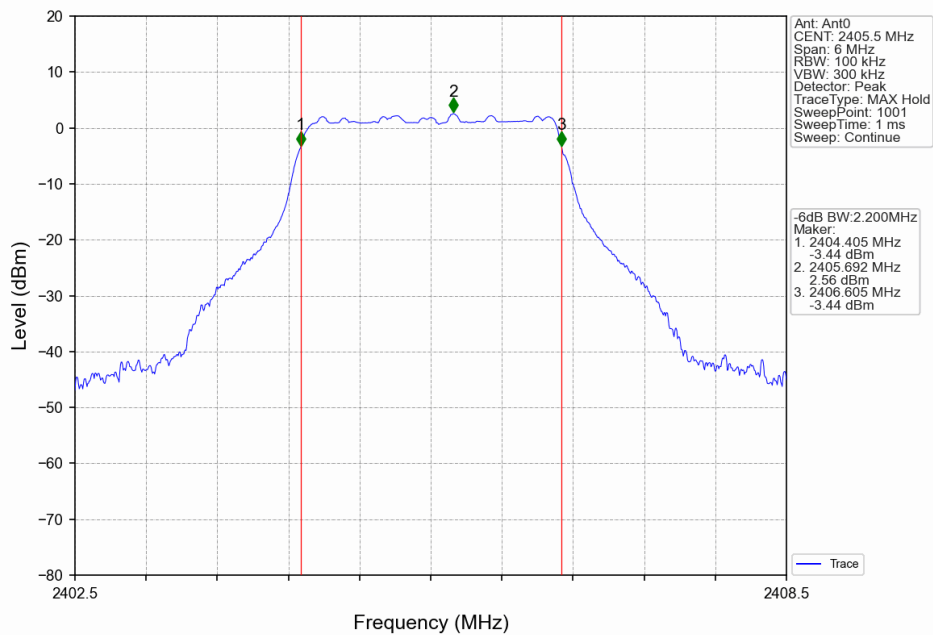
2.2.2 Test Graph



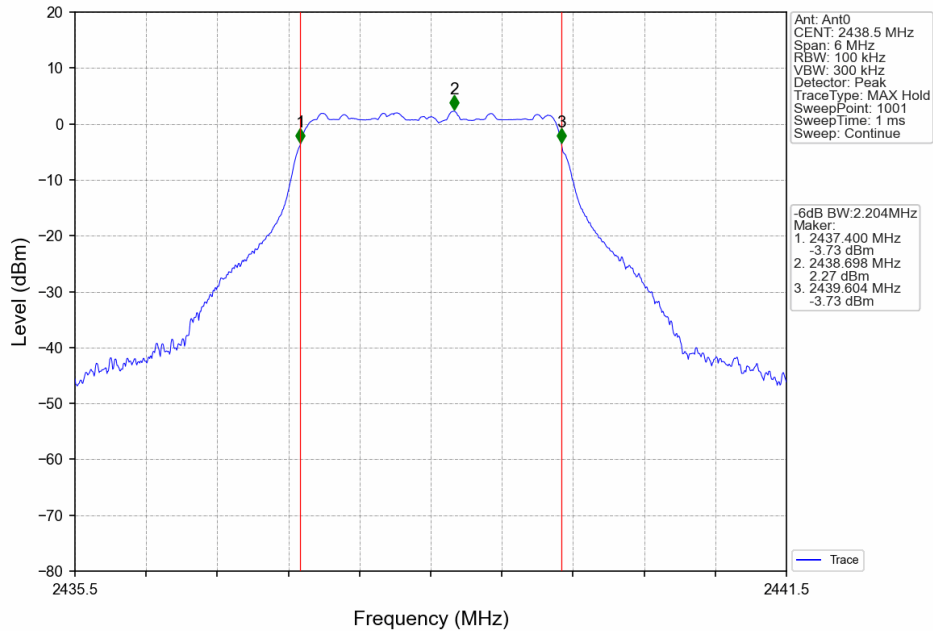
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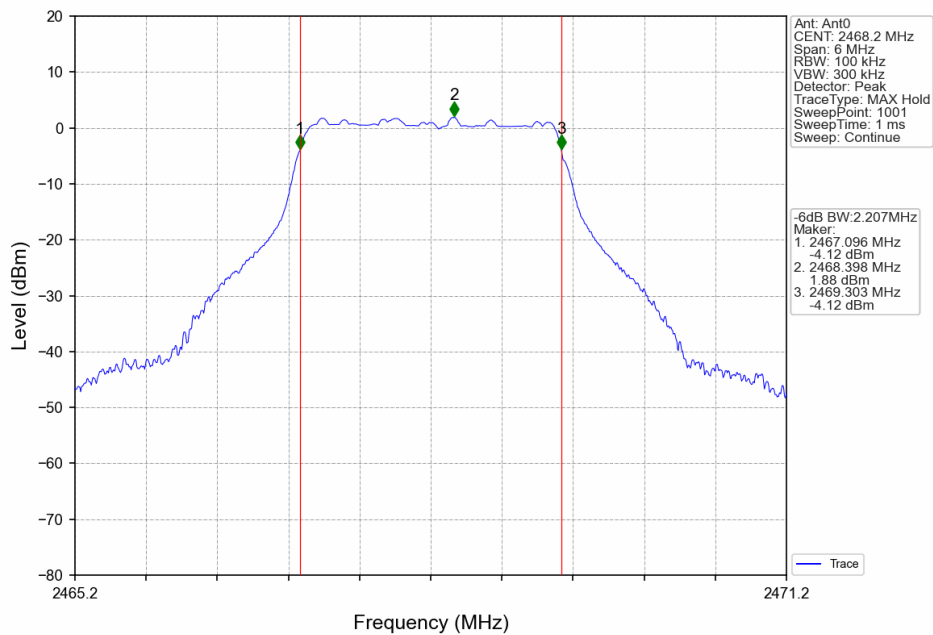
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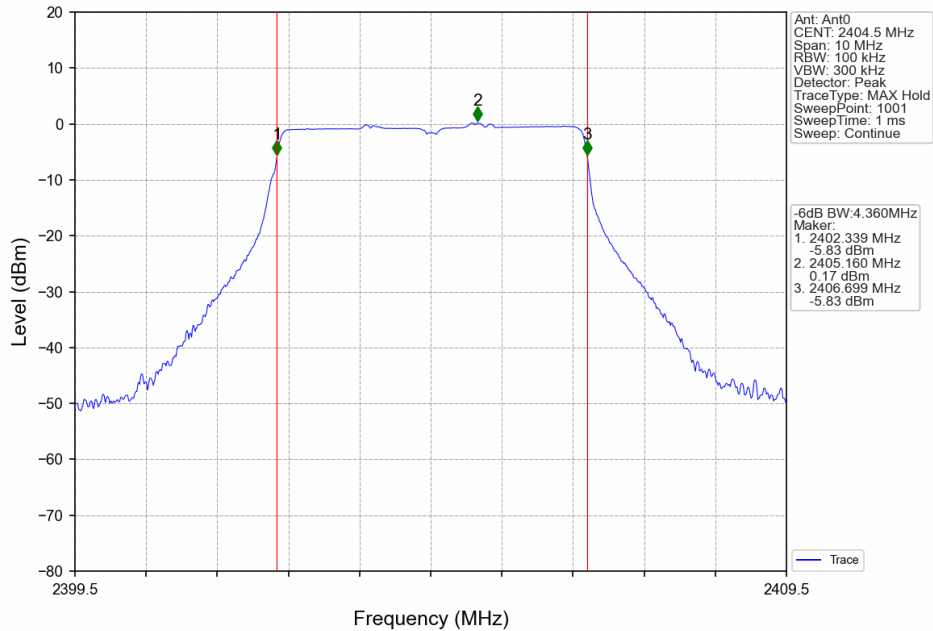
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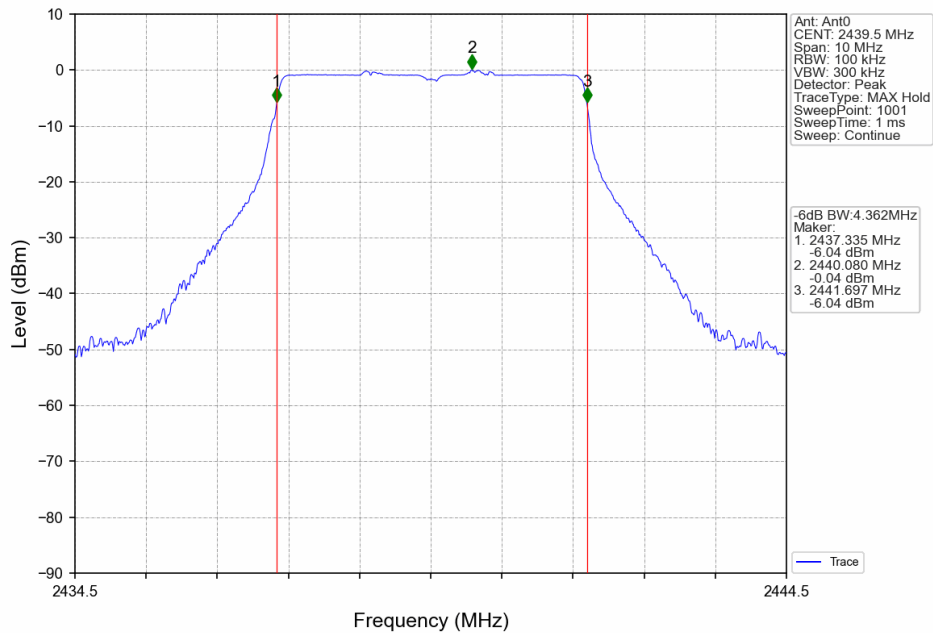
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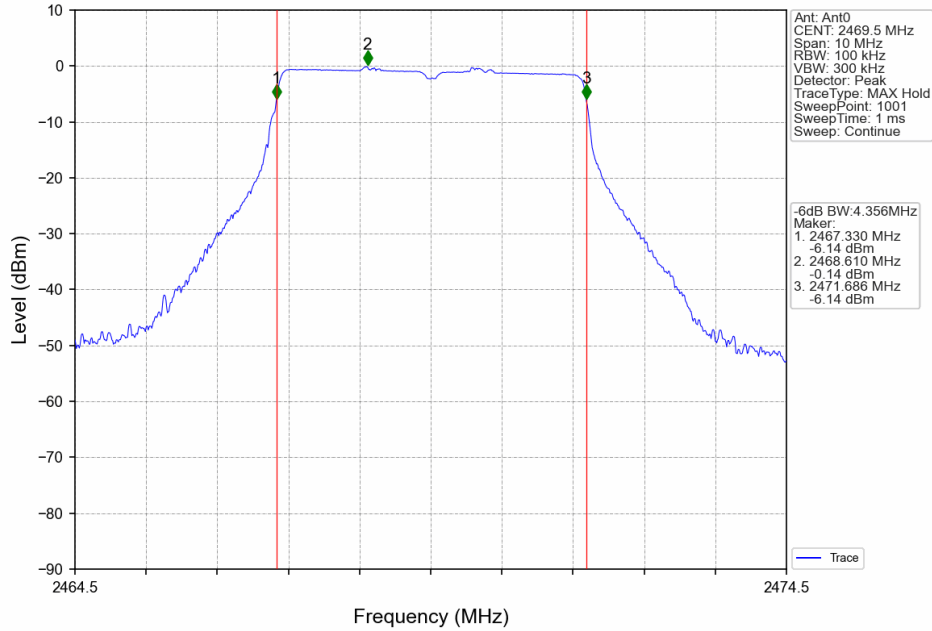
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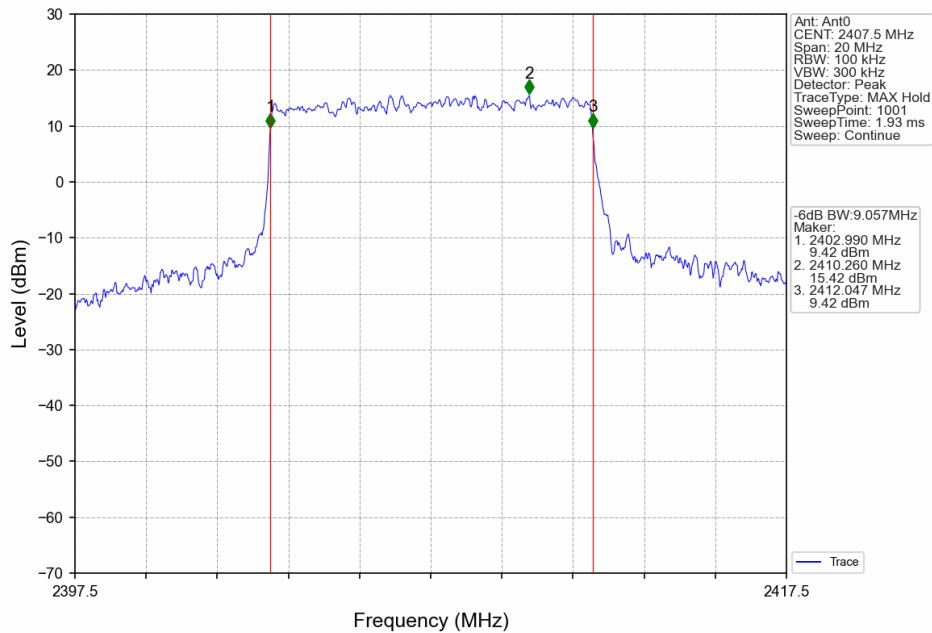
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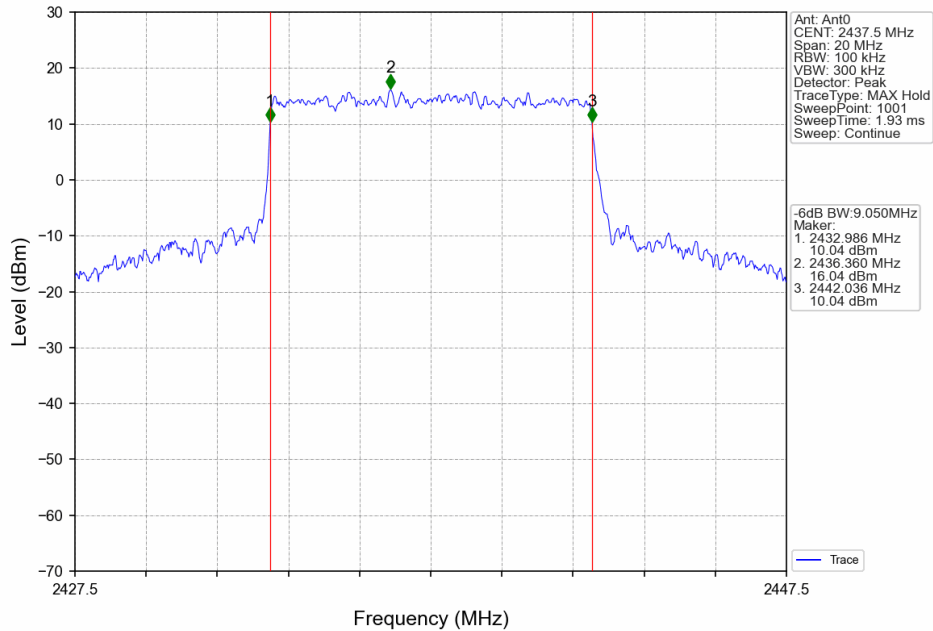
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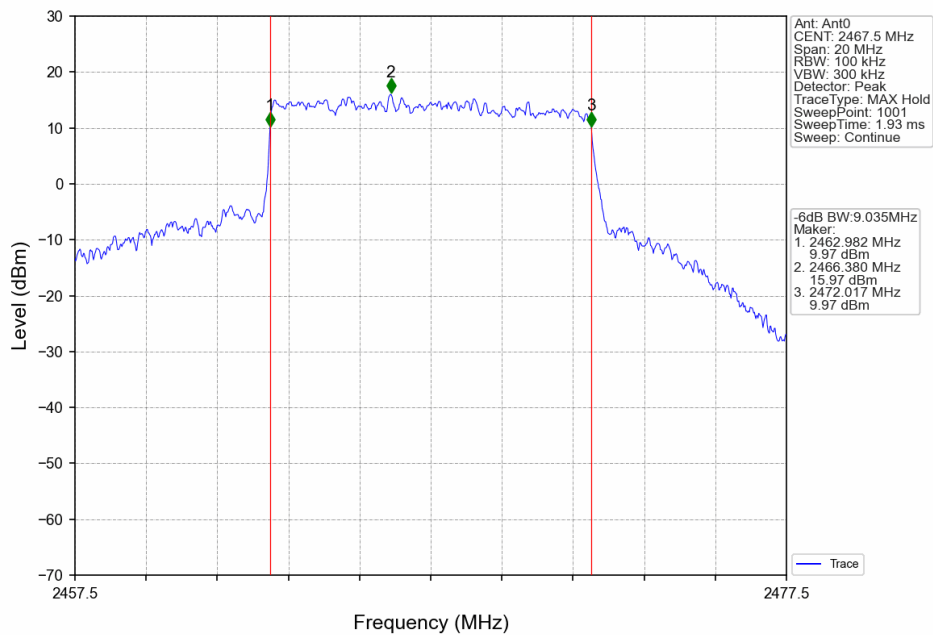
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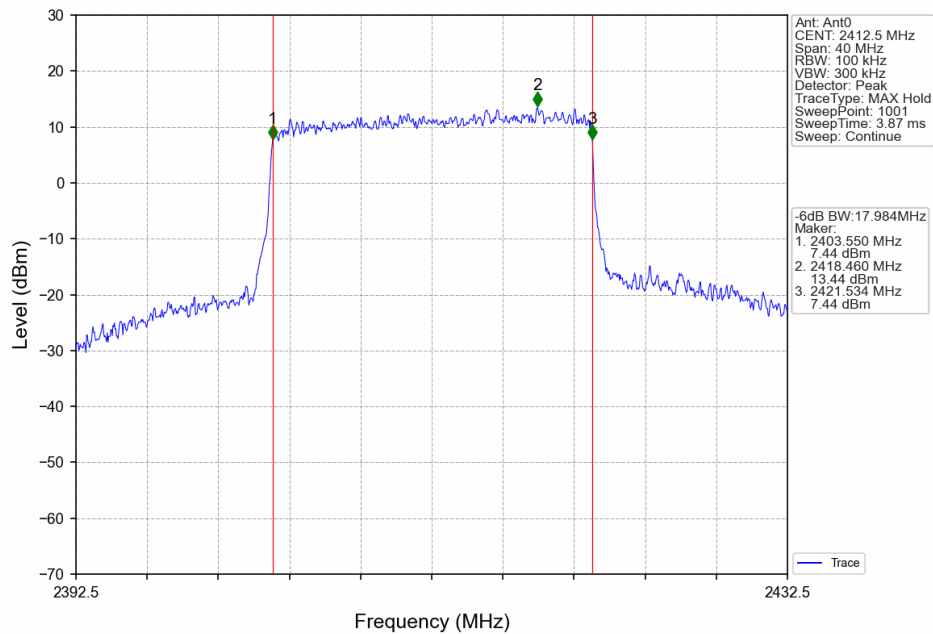
10M_MCH_2437.5MHz_Ant0_NTNV



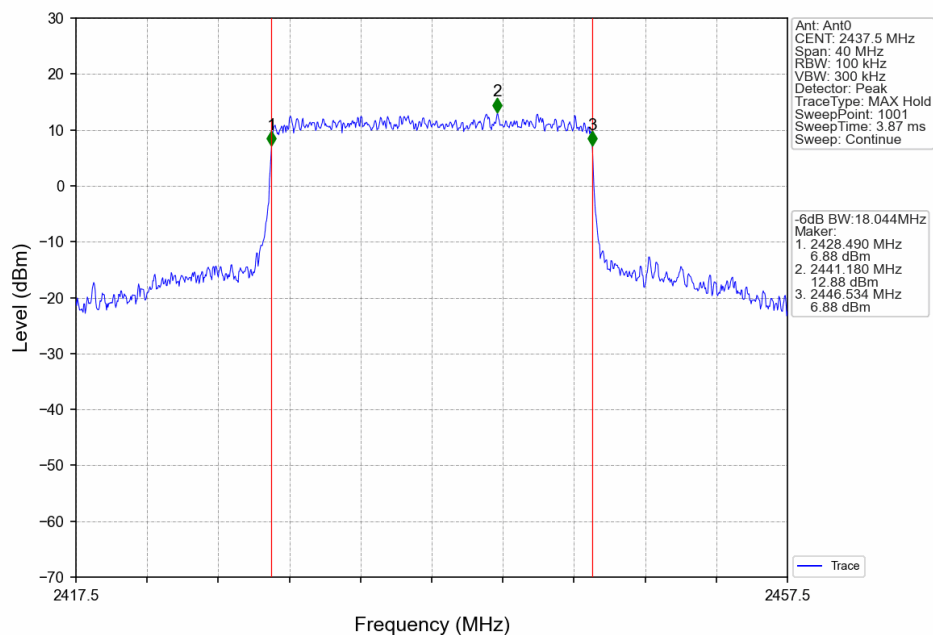
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20M_LCH_2412.5MHz_Ant0_NTNV



20M_MCH_2437.5MHz_Ant0_NTNV



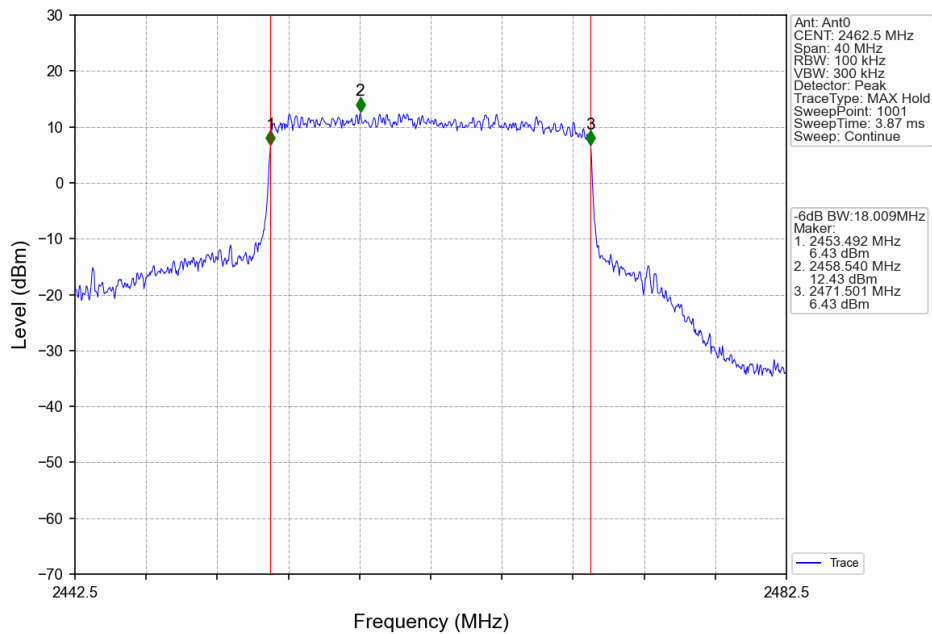
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20M_HCH_2462.5MHz_Ant0_NTNV



40M_LCH_2422.5MHz_Ant0_NTNV

