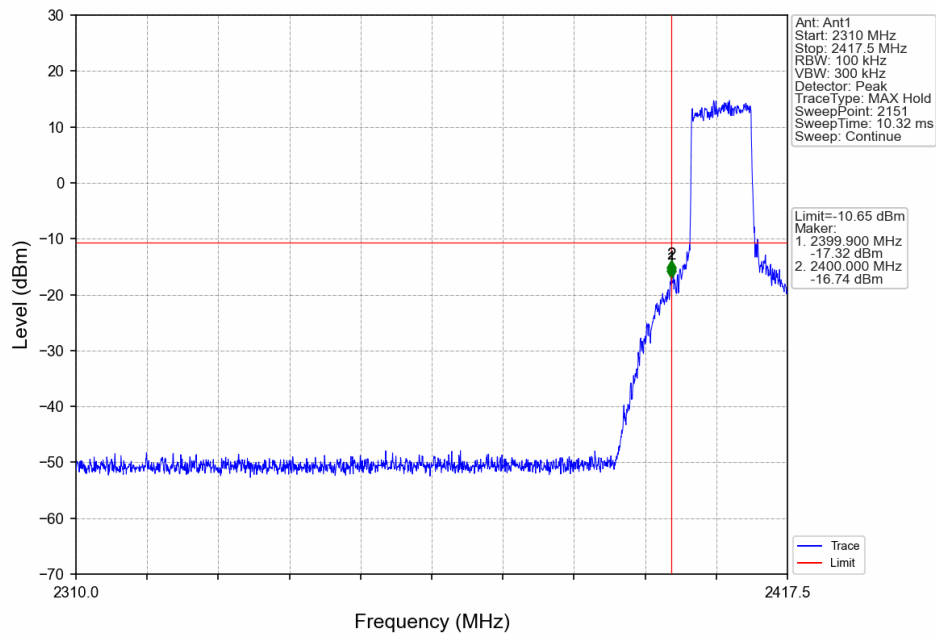
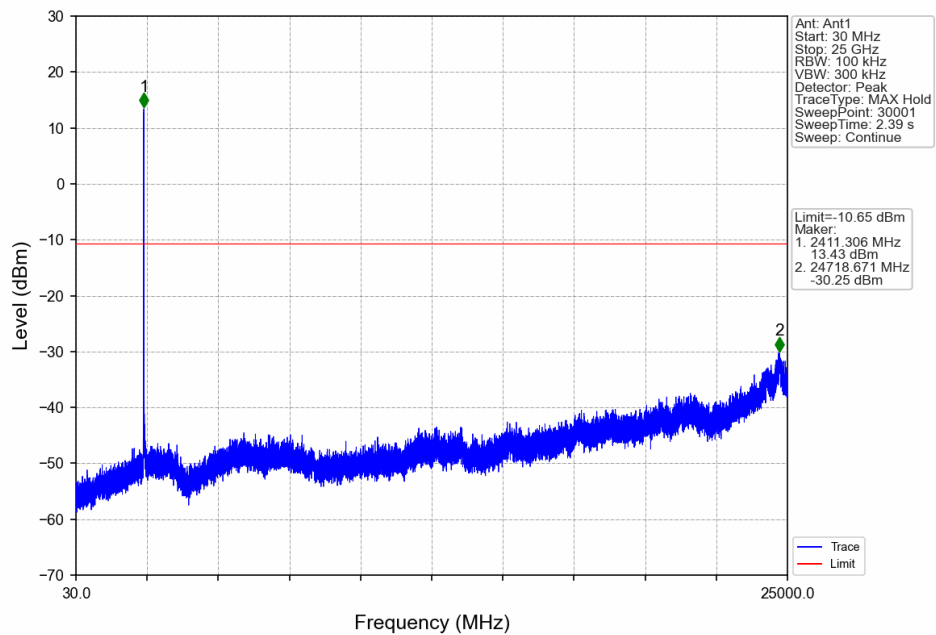


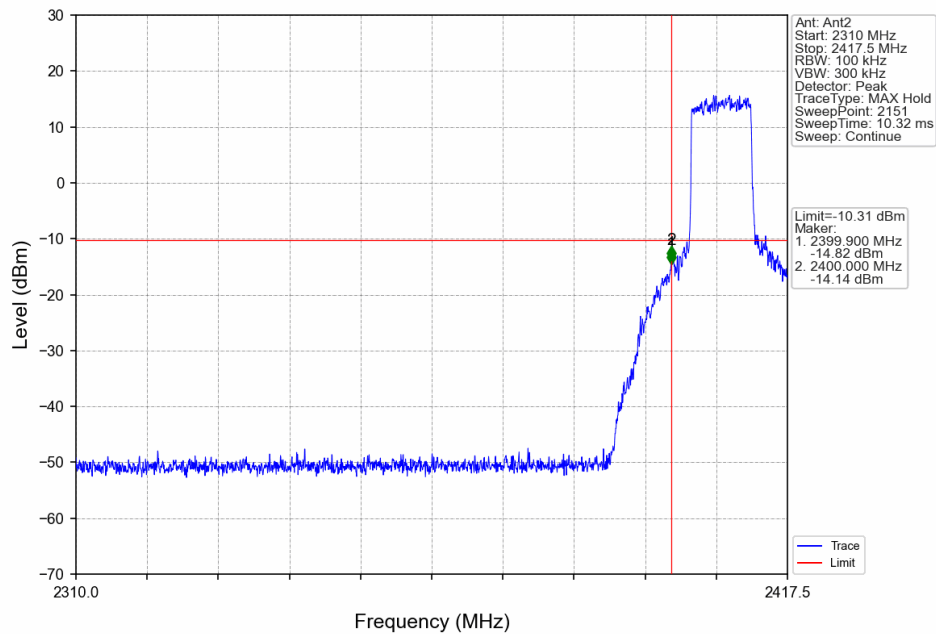
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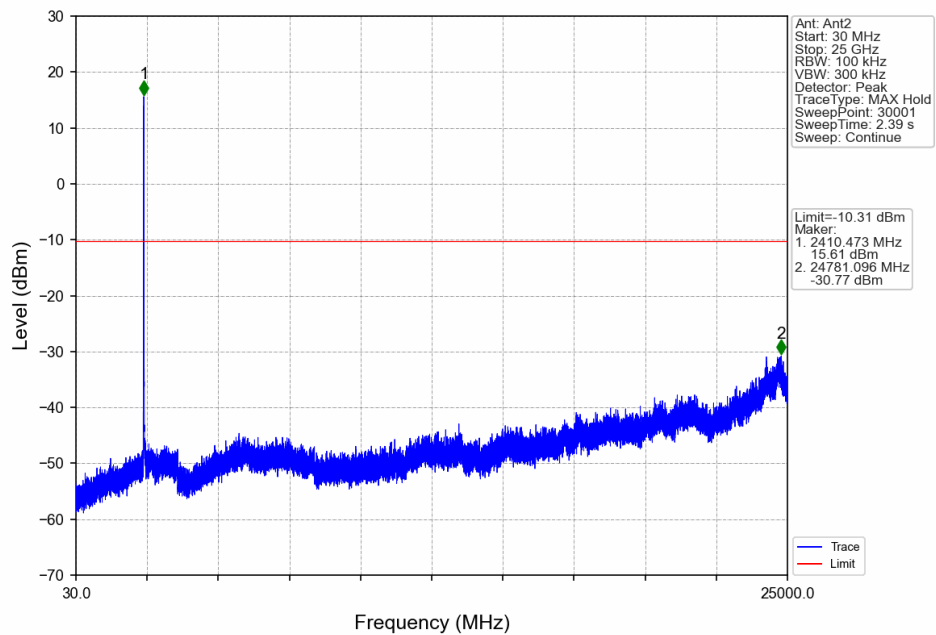
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10M\_LCH\_2407.5MHz\_Ant2\_NTNV



10M\_LCH\_2407.5MHz\_Ant2\_NTNV



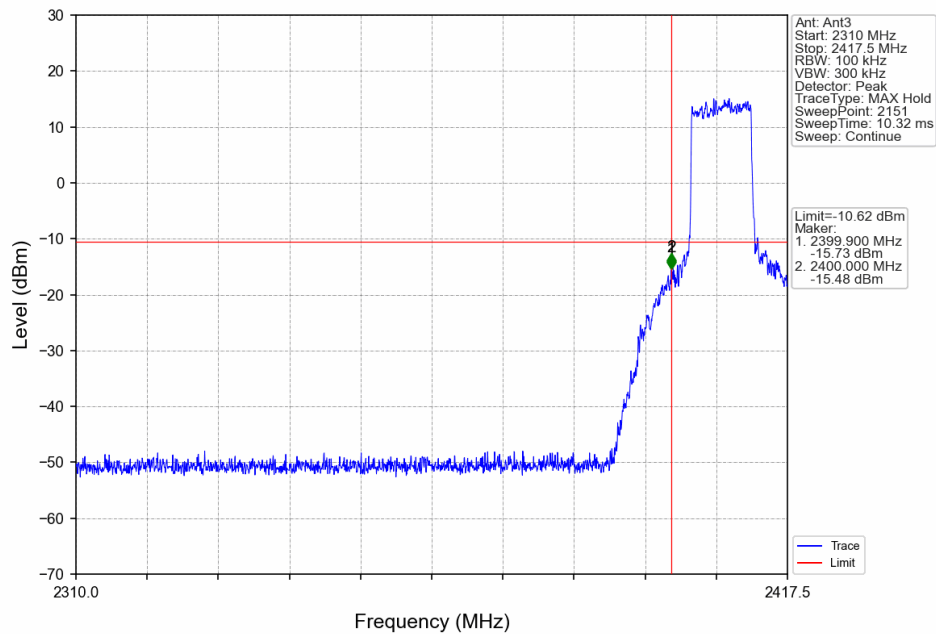
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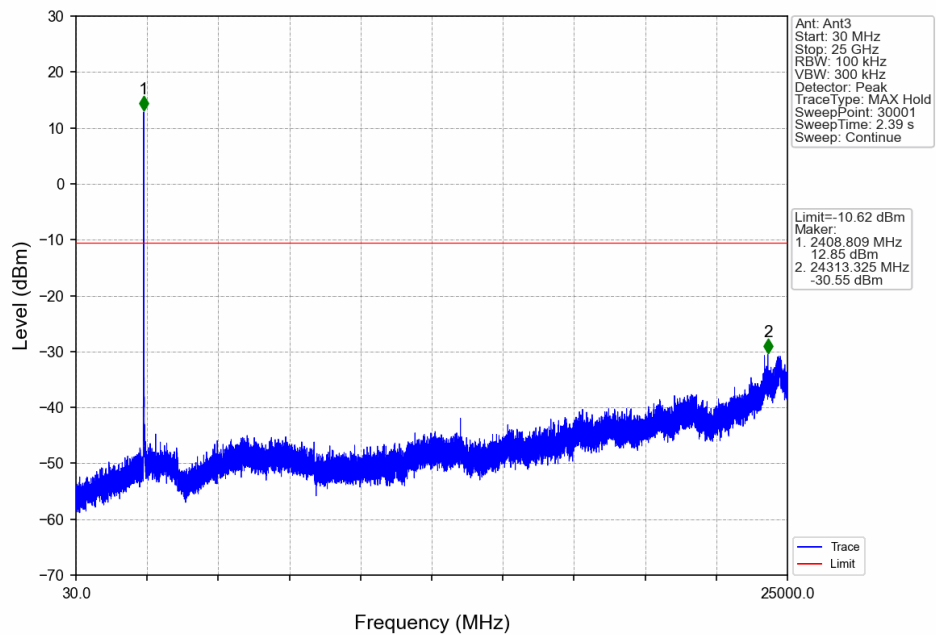
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Inspection & Testing Services  
SZEMC-TRF-01 Rev. A/0 Aug01,2022

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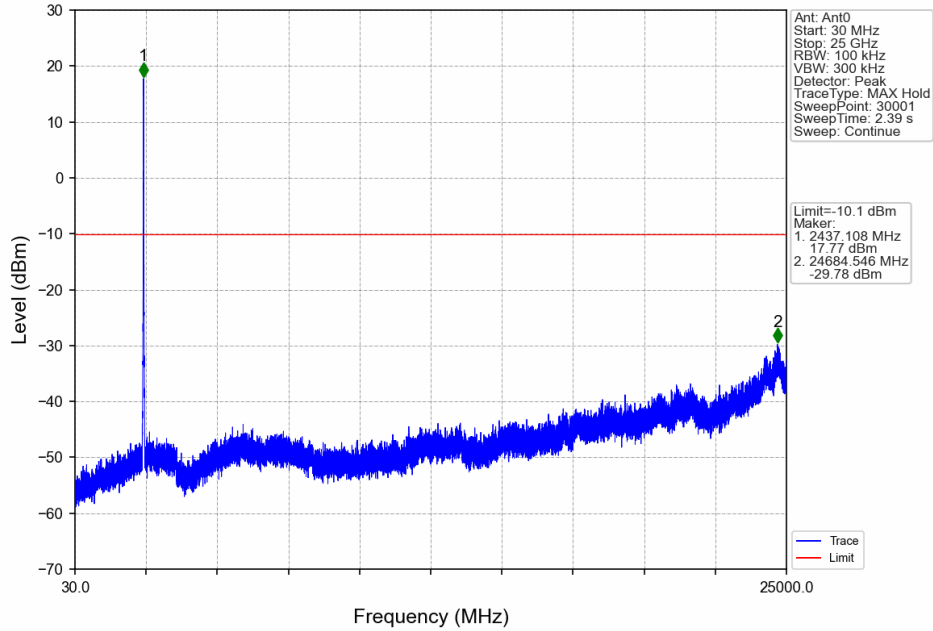
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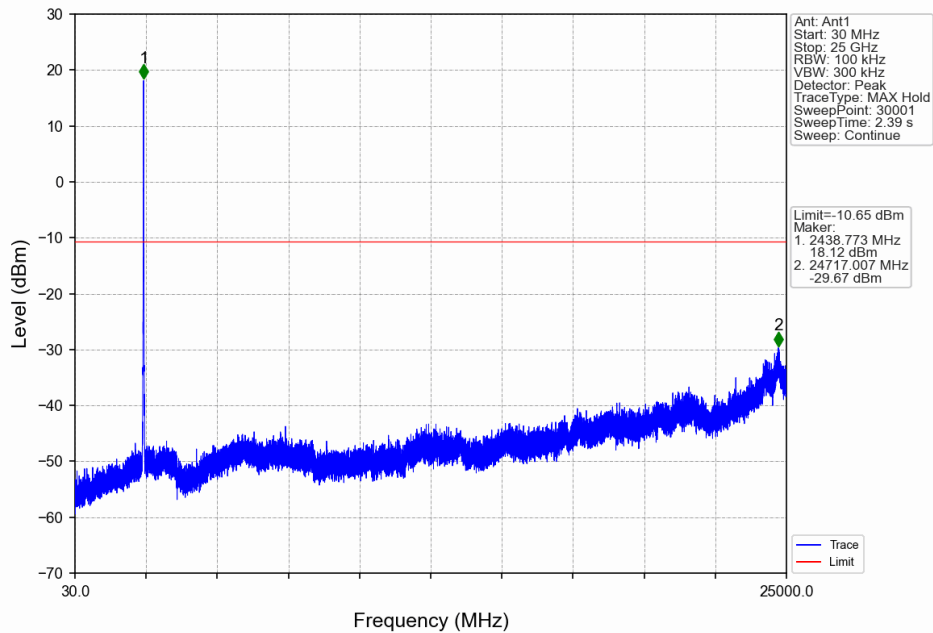
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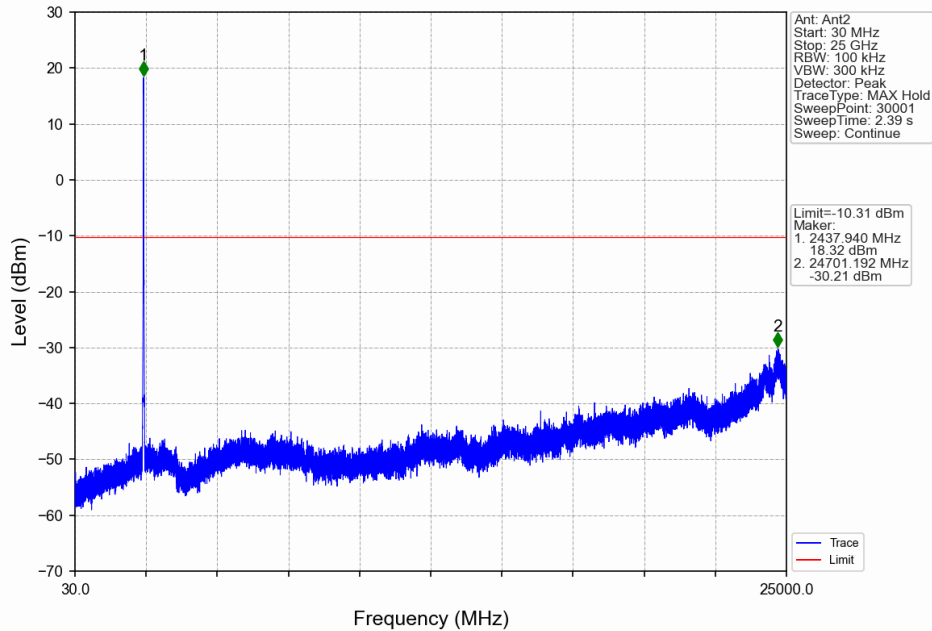


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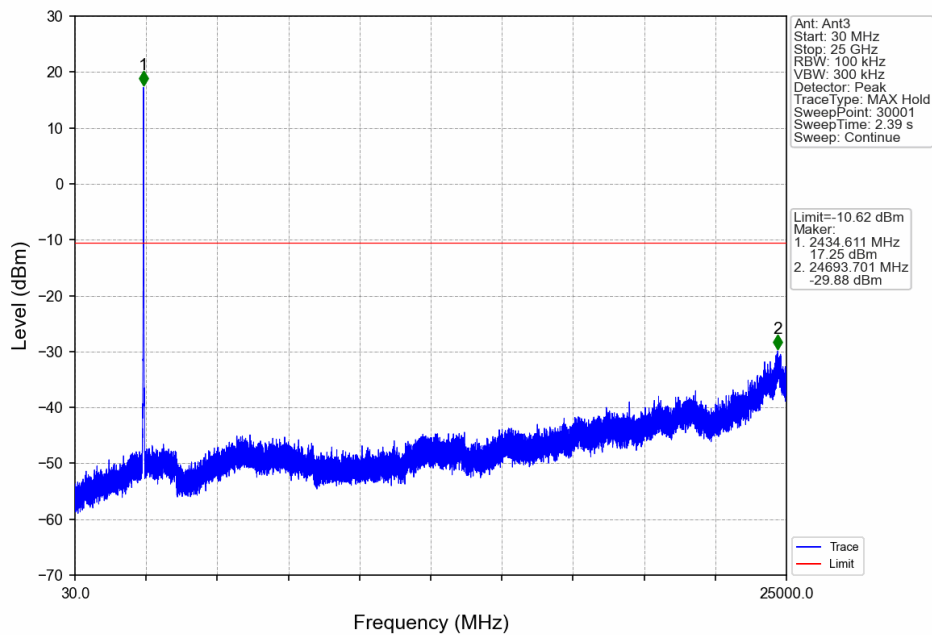




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10M\_MCH\_2437.5MHz\_Ant3\_NTNV

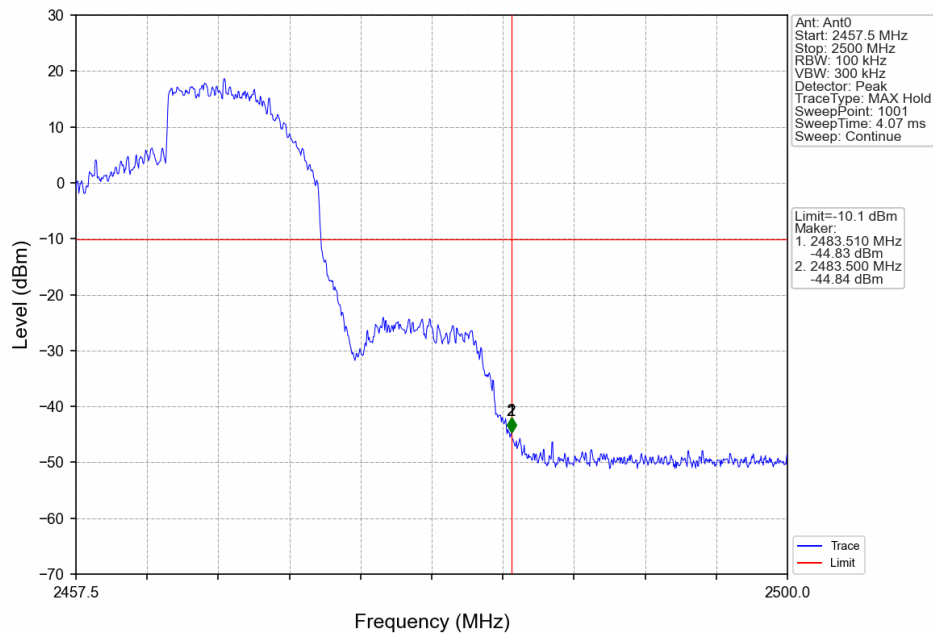


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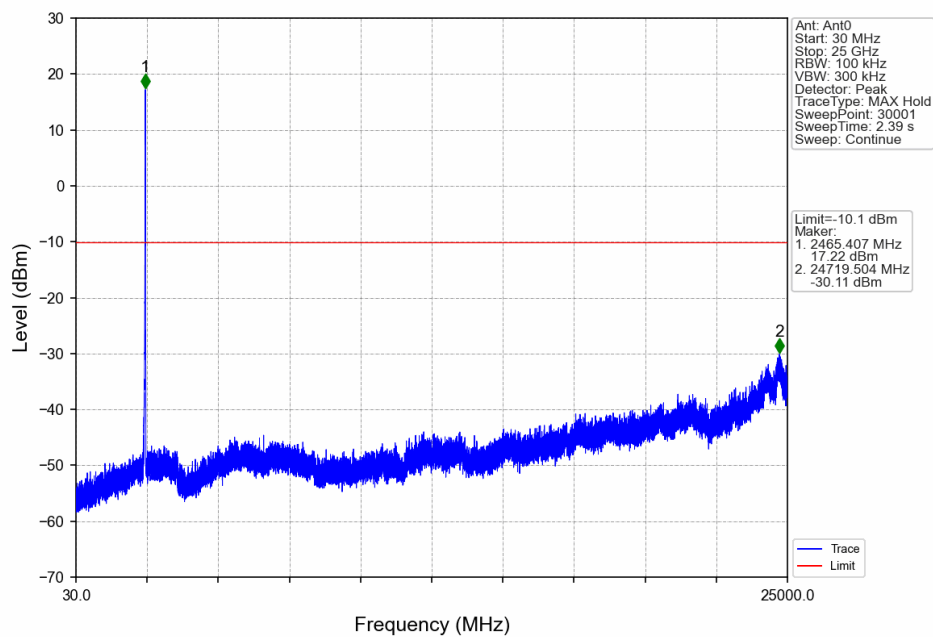
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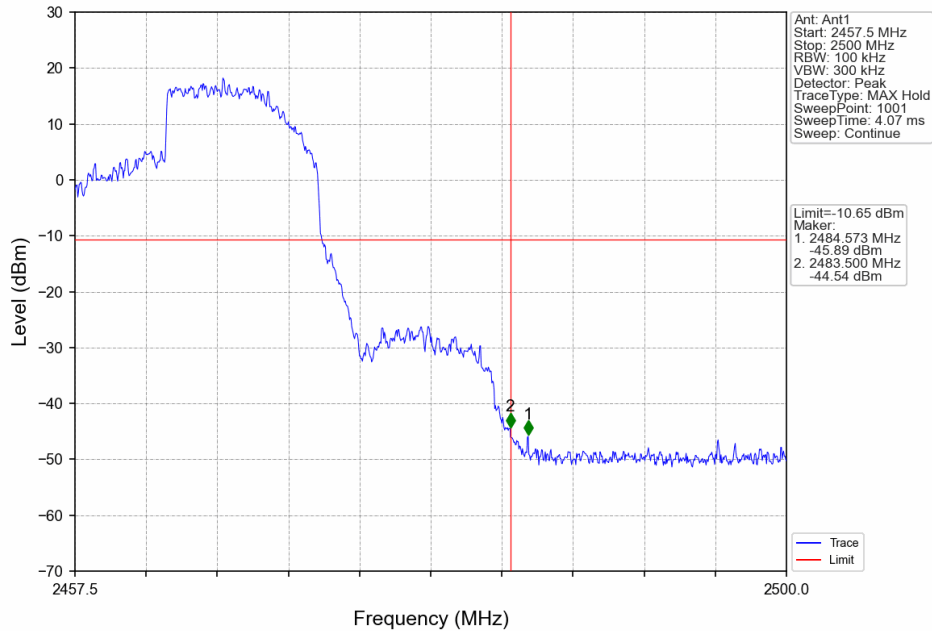
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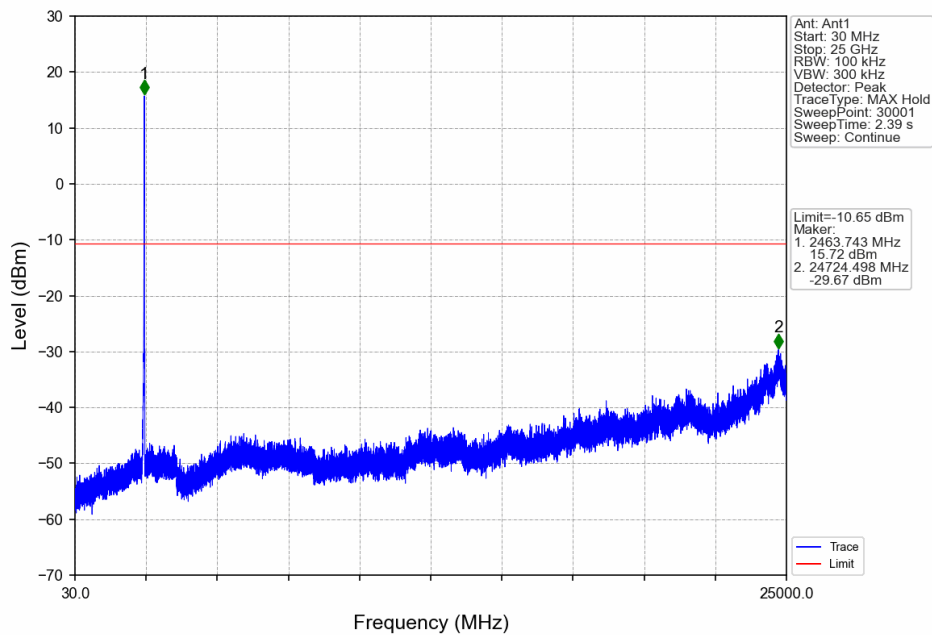
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10M\_HCH\_2467.5MHz\_Ant1\_NTNV



10M\_HCH\_2467.5MHz\_Ant1\_NTNV

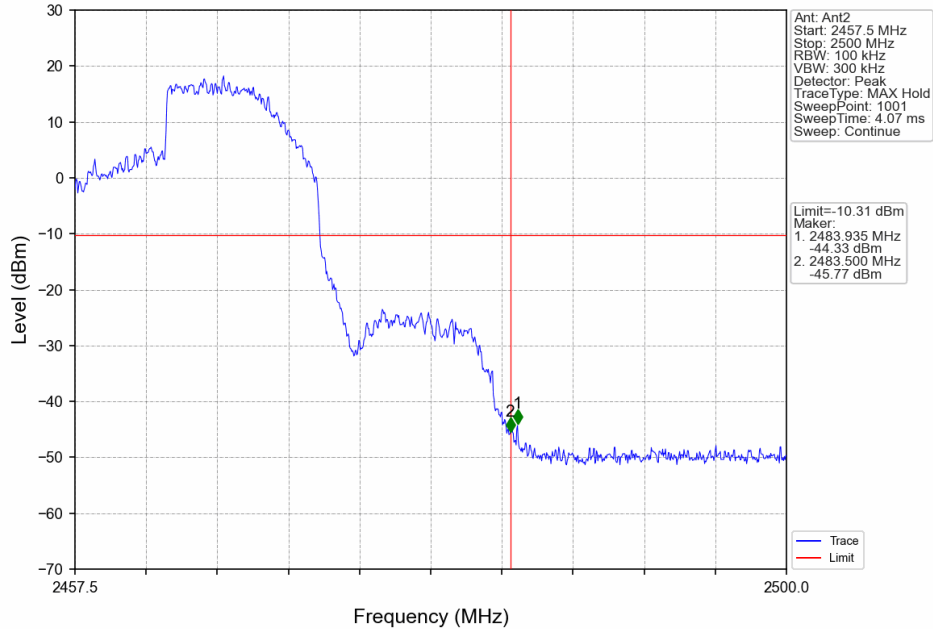


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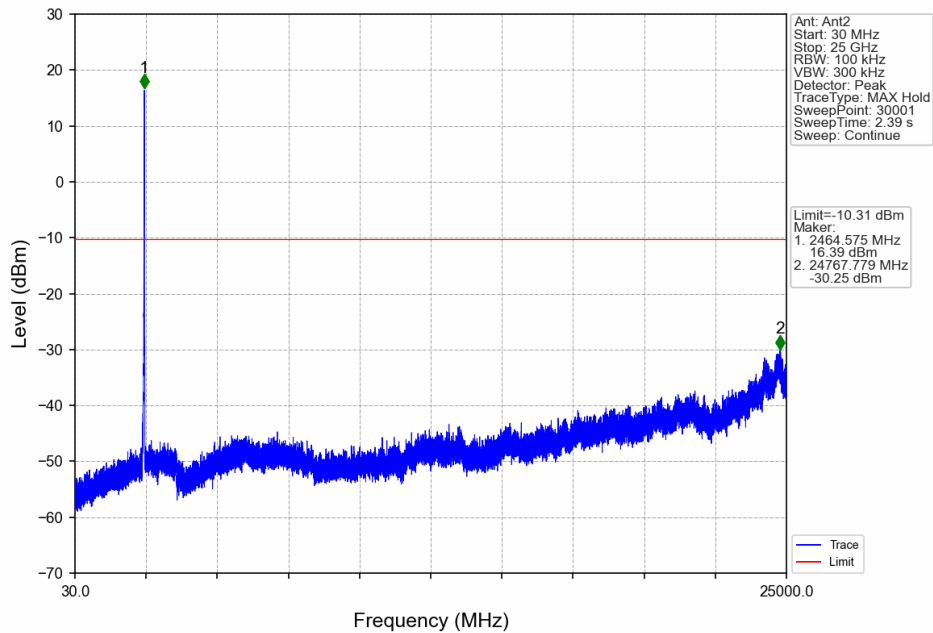
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10M\_HCH\_2467.5MHz\_Ant2\_NTNV



10M\_HCH\_2467.5MHz\_Ant2\_NTNV



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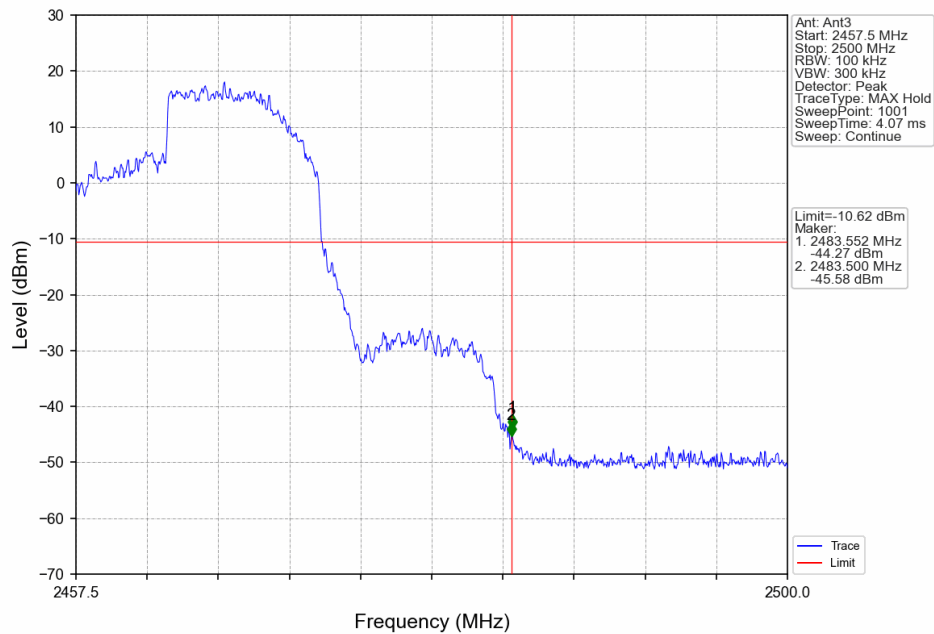
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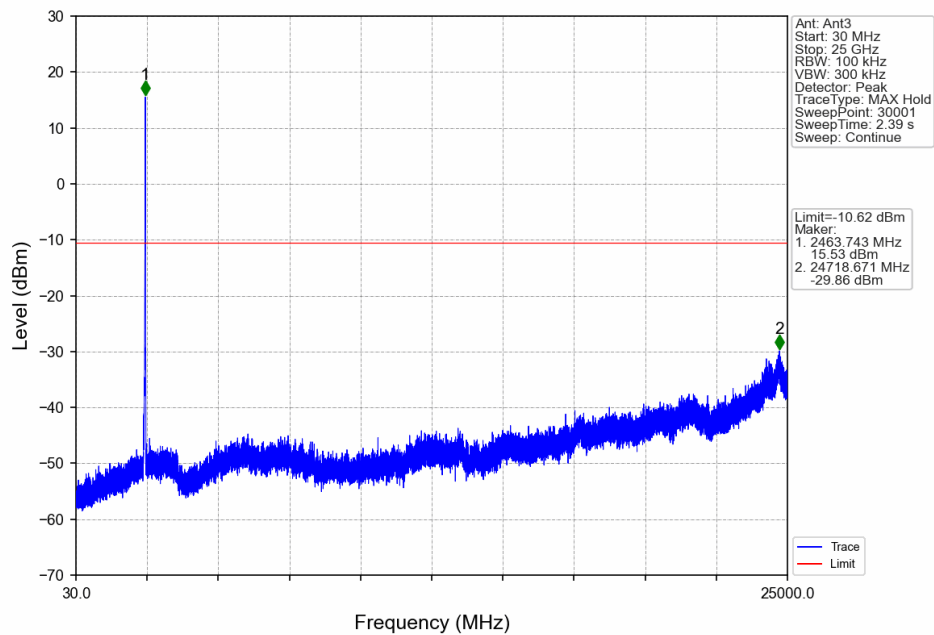
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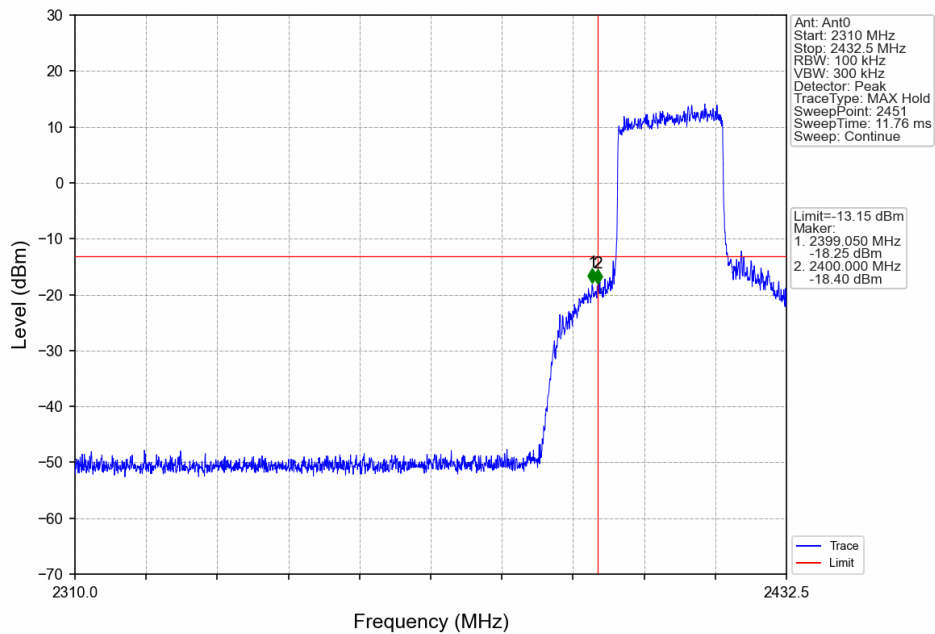
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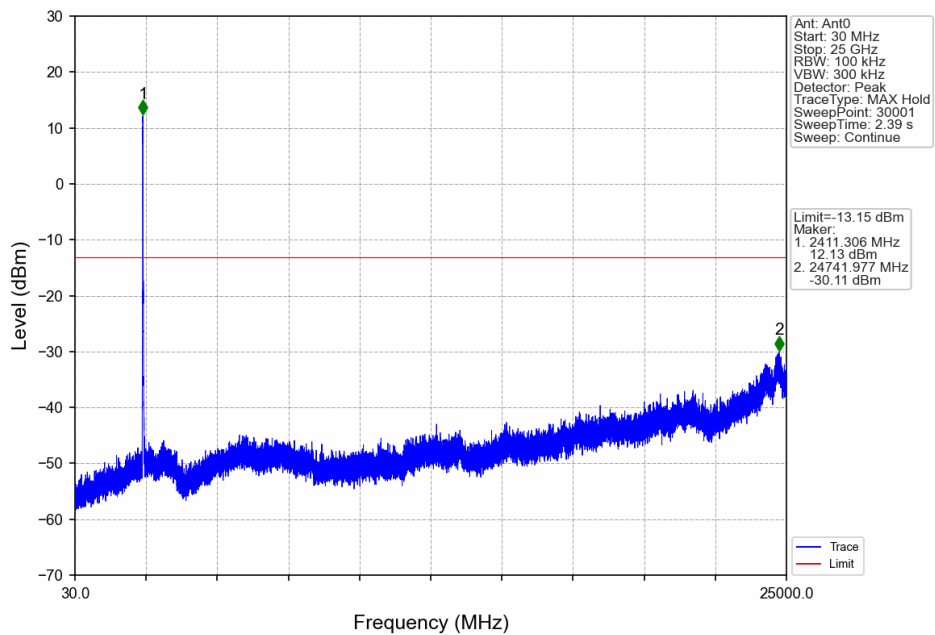
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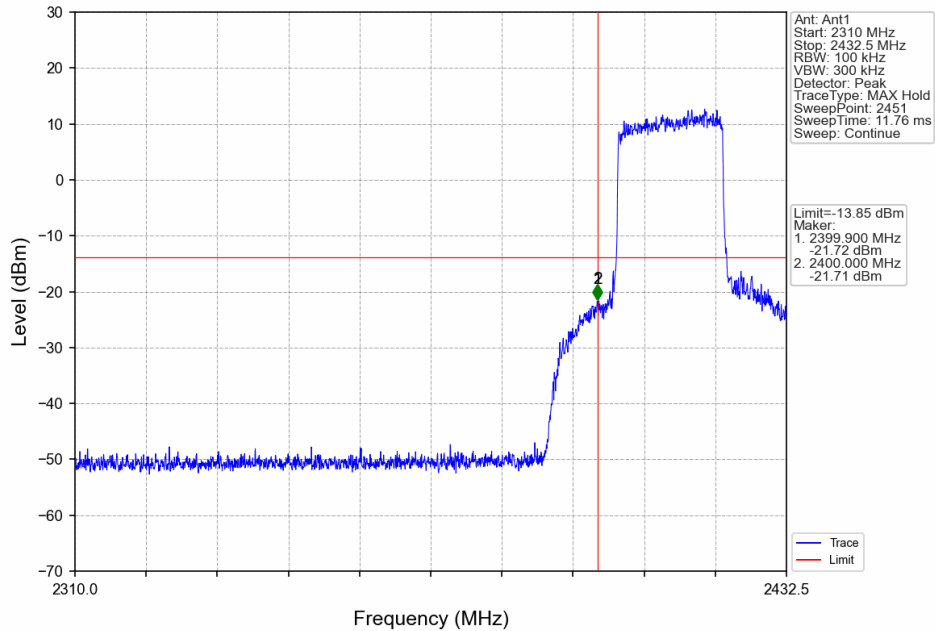
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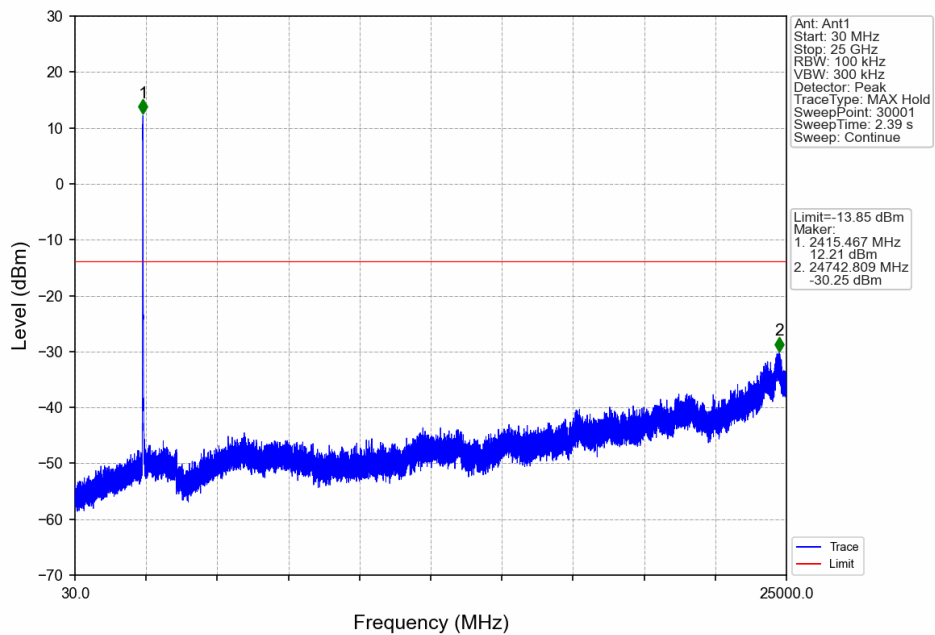
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20M\_LCH\_2412.5MHz\_Ant1\_NTNV



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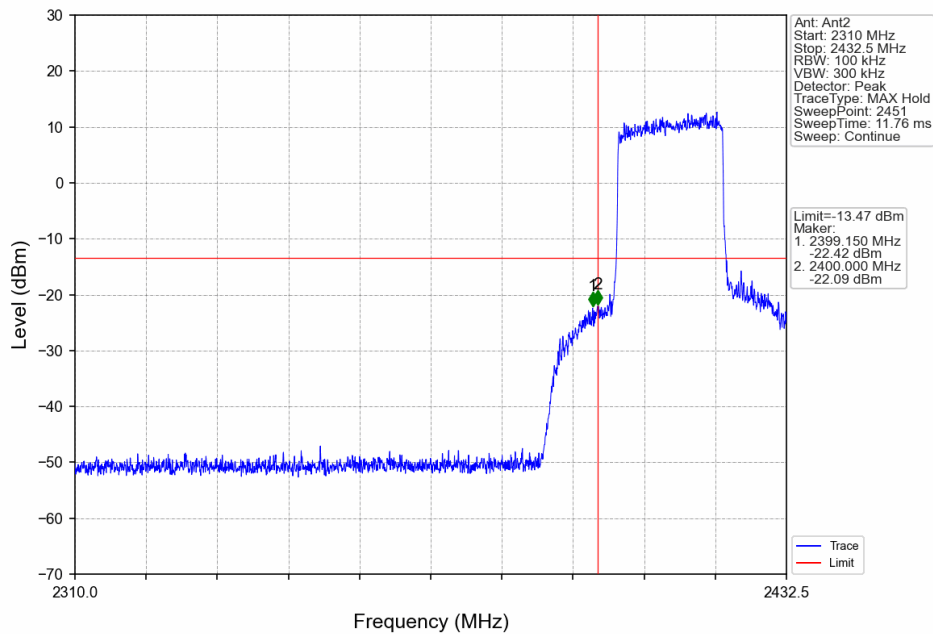


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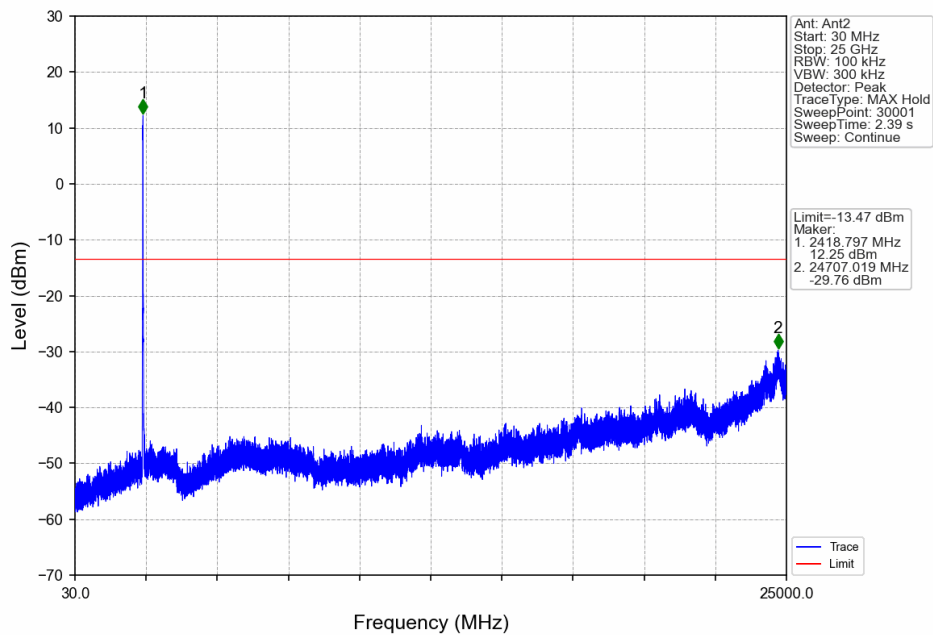
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20M\_LCH\_2412.5MHz\_Ant2\_NTNV

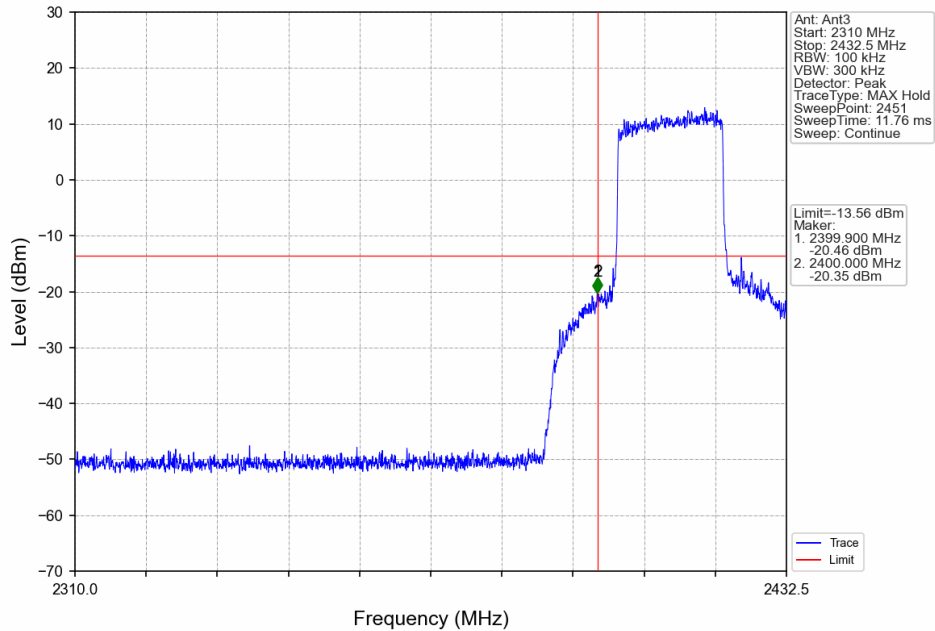


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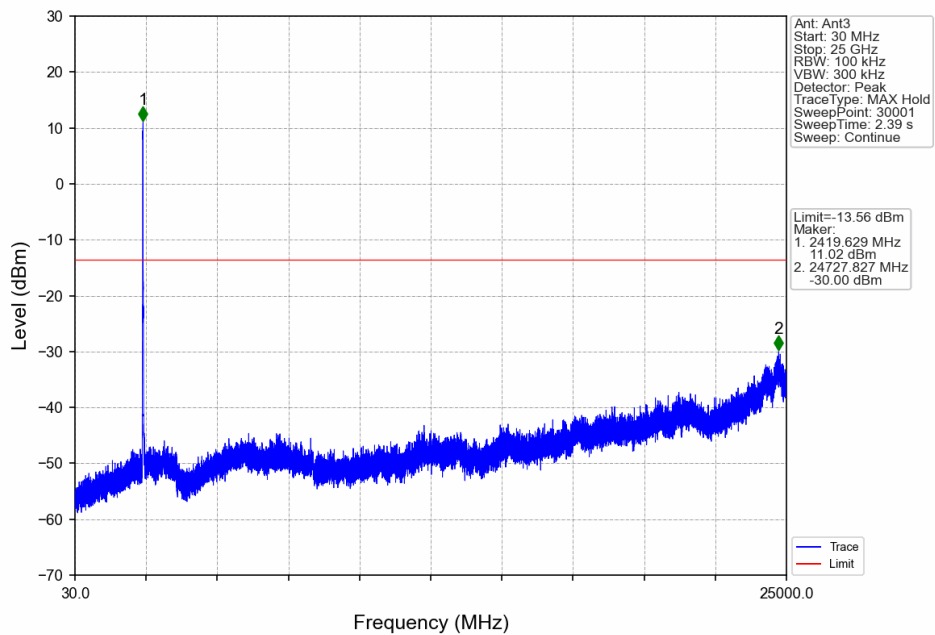




20M\_LCH\_2412.5MHz\_Ant3\_NTNV



20M\_LCH\_2412.5MHz\_Ant3\_NTNV

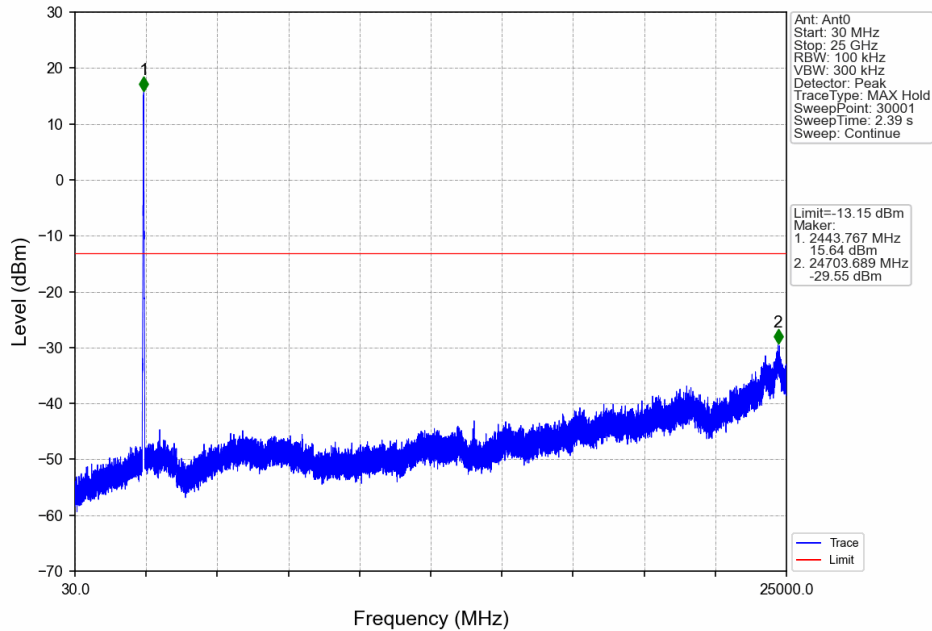


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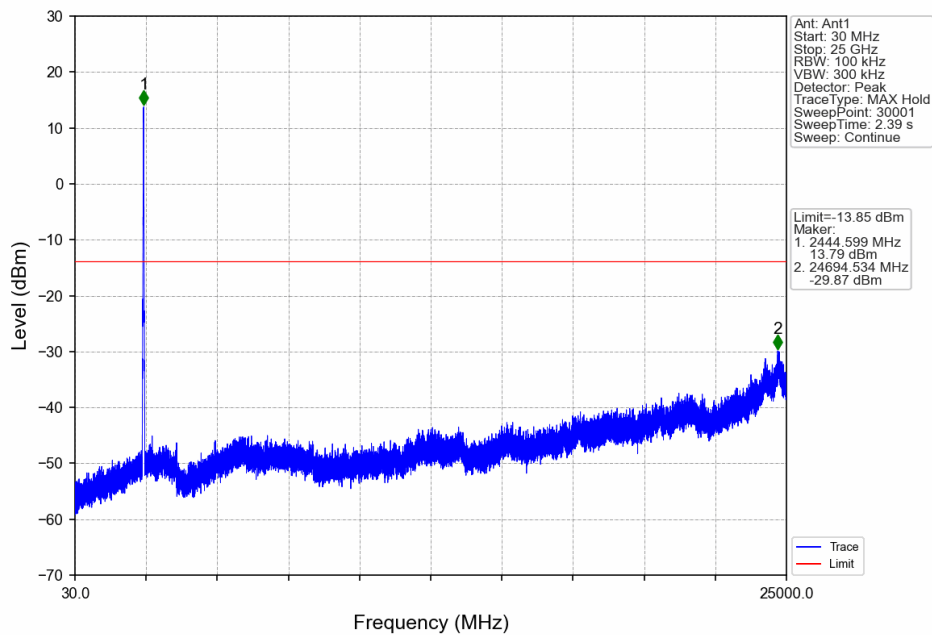
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20M\_MCH\_2437.5MHz\_Ant0\_NTNV



20M\_MCH\_2437.5MHz\_Ant1\_NTNV

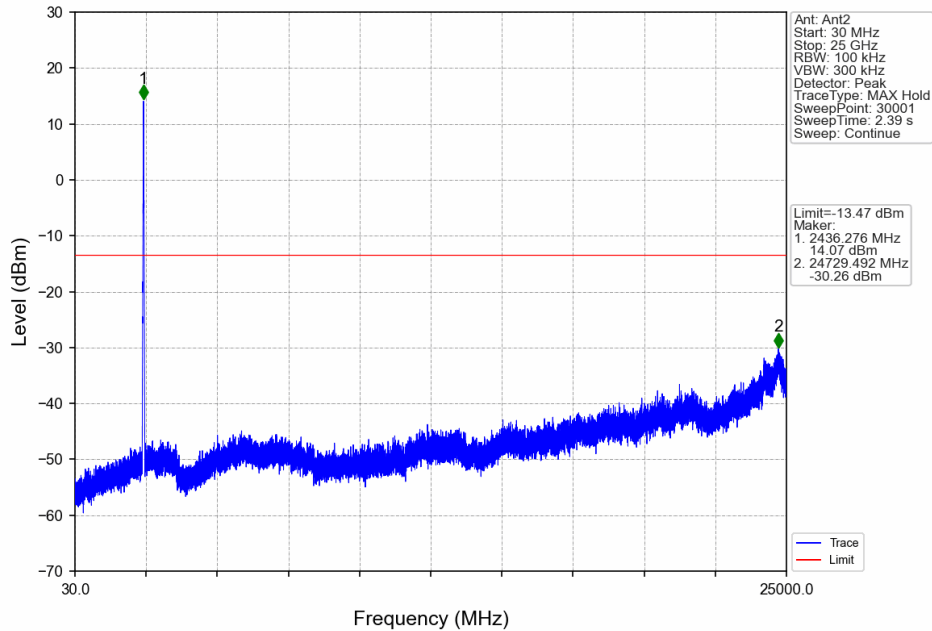


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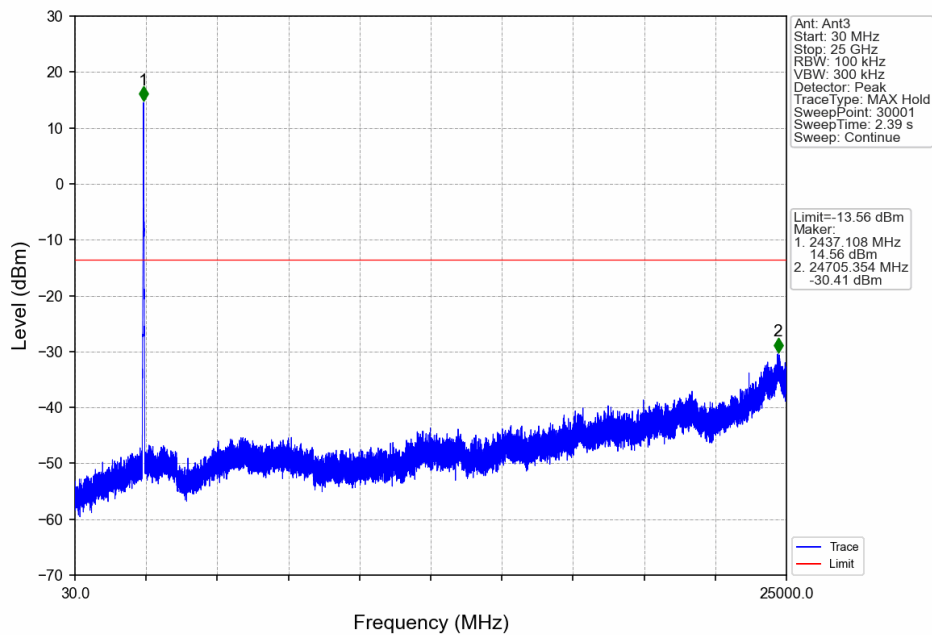
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20M\_MCH\_2437.5MHz\_Ant2\_NTNV



20M\_MCH\_2437.5MHz\_Ant3\_NTNV



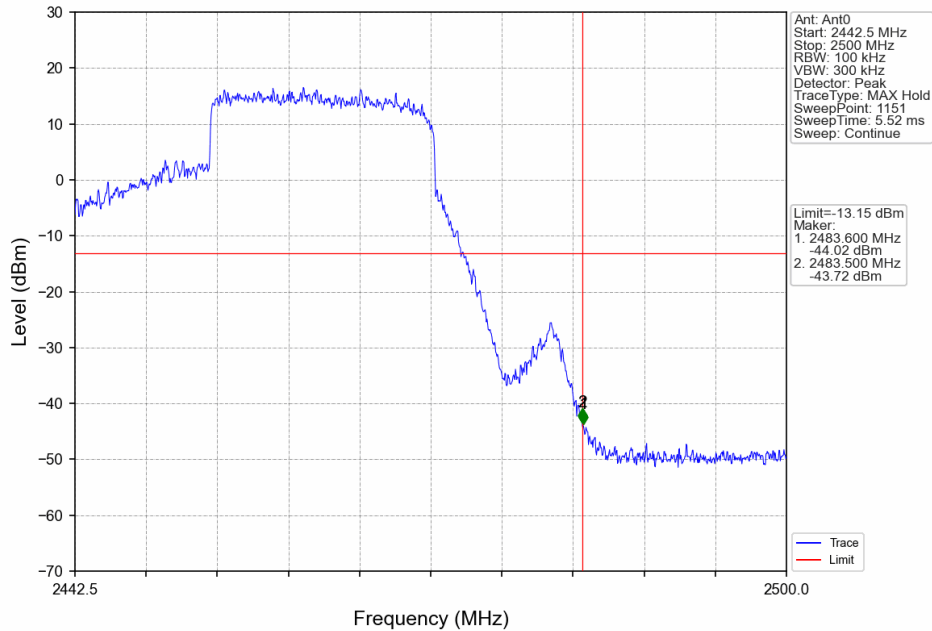
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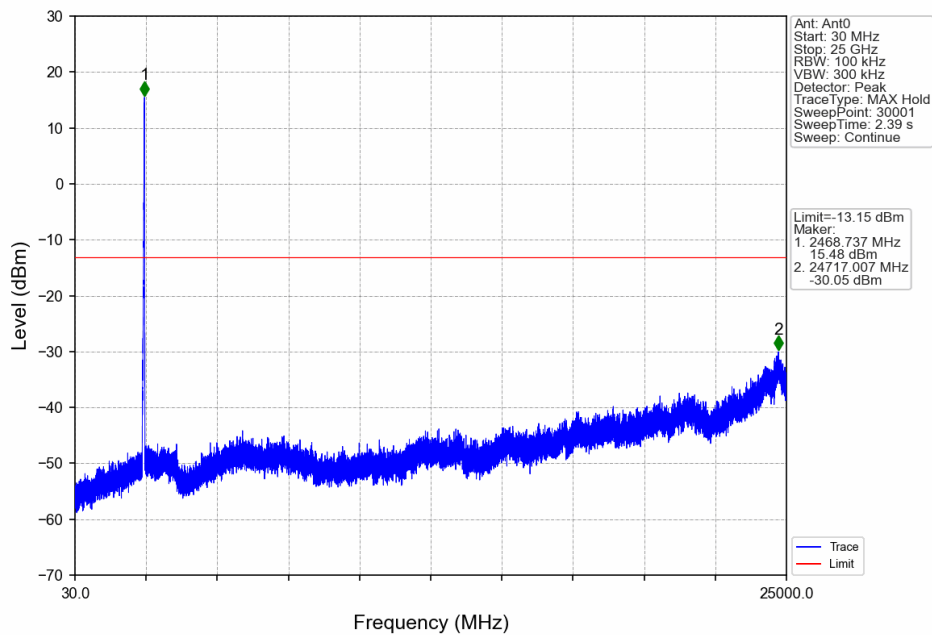
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20M\_HCH\_2462.5MHz\_Ant0\_NTNV



20M\_HCH\_2462.5MHz\_Ant0\_NTNV



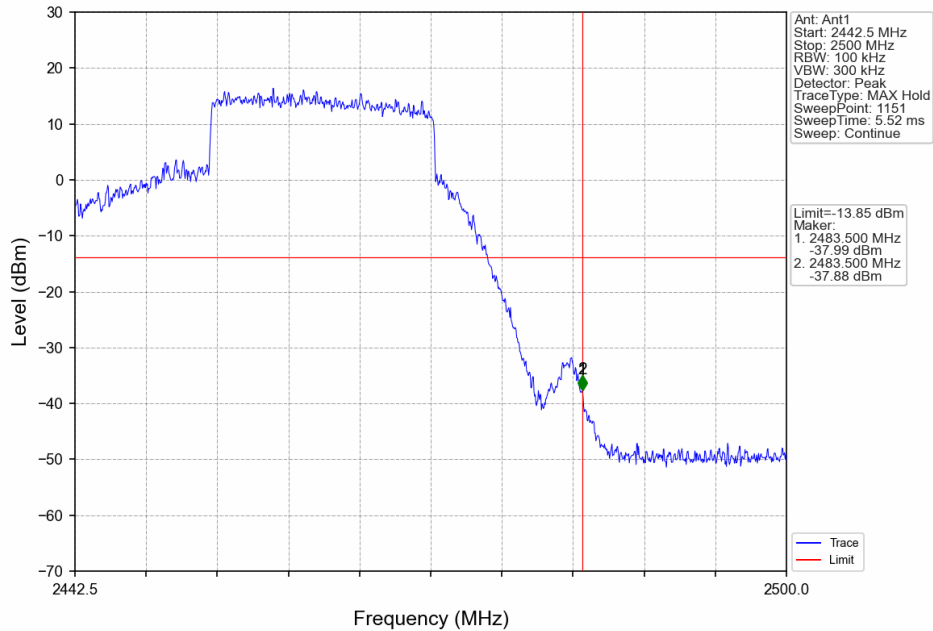
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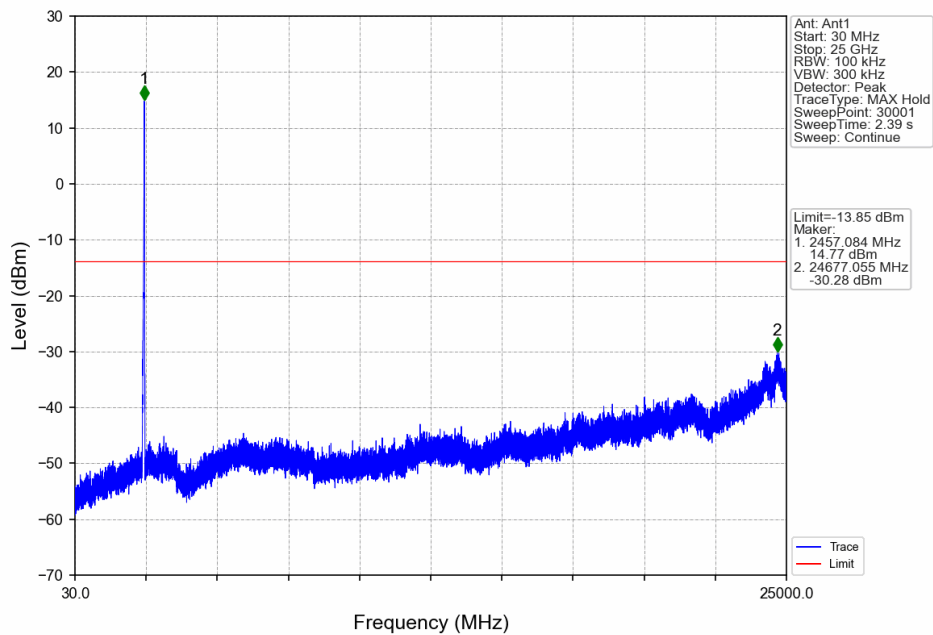
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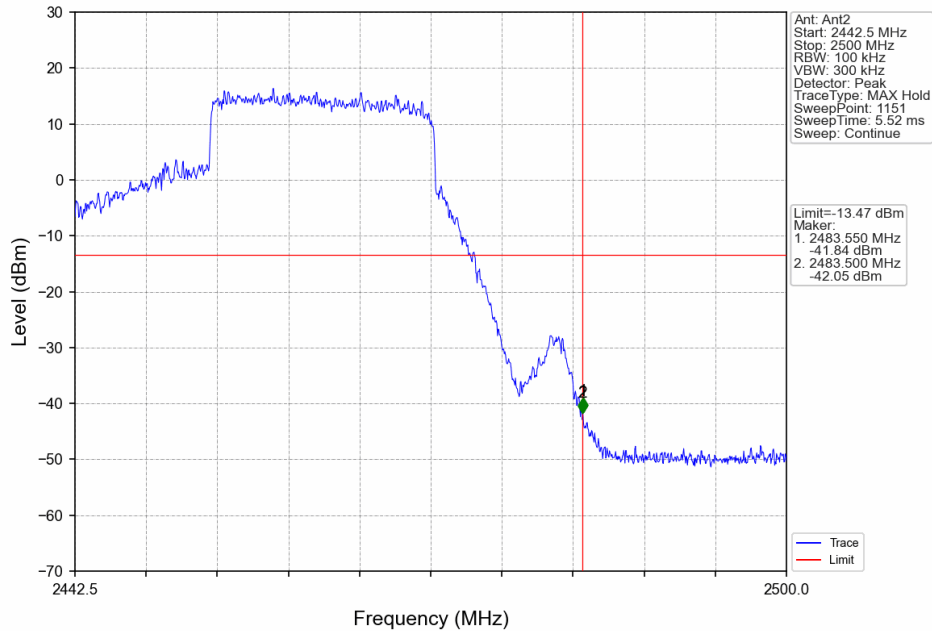
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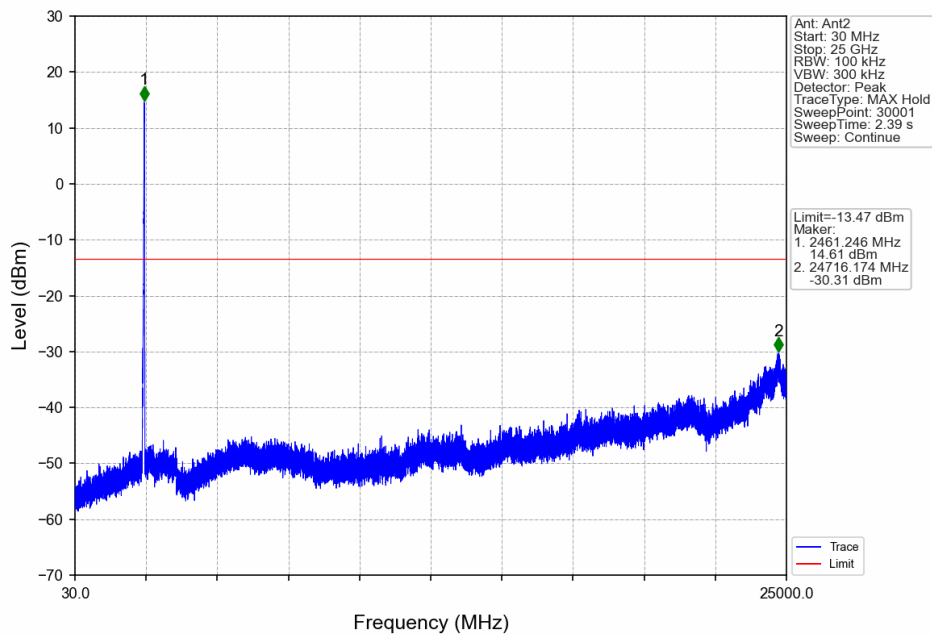
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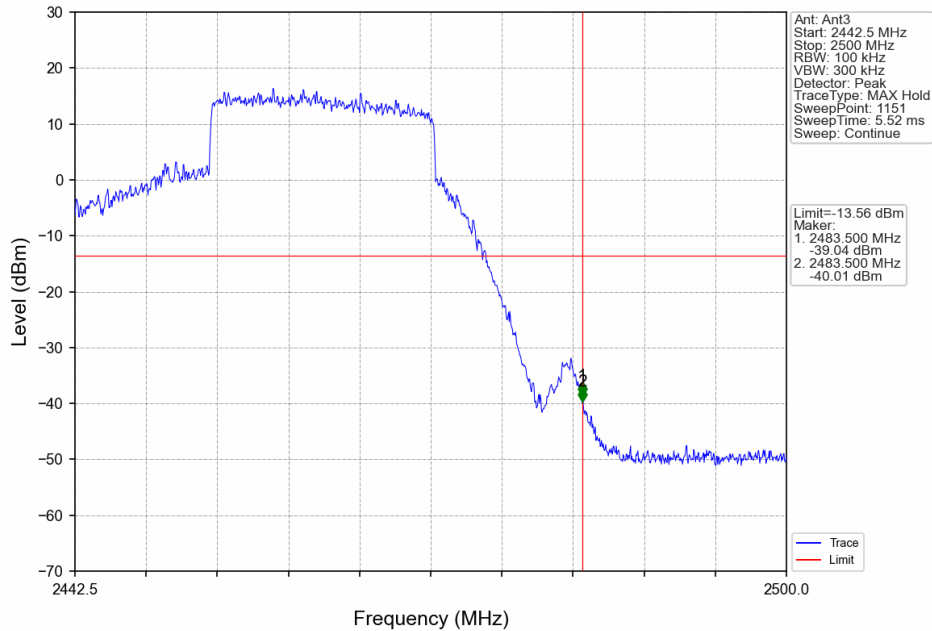
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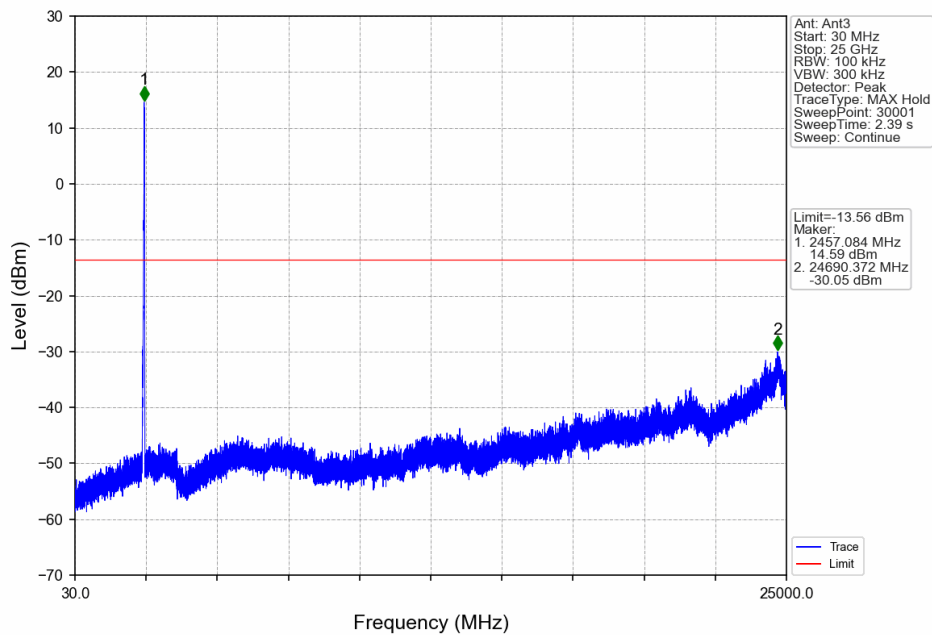
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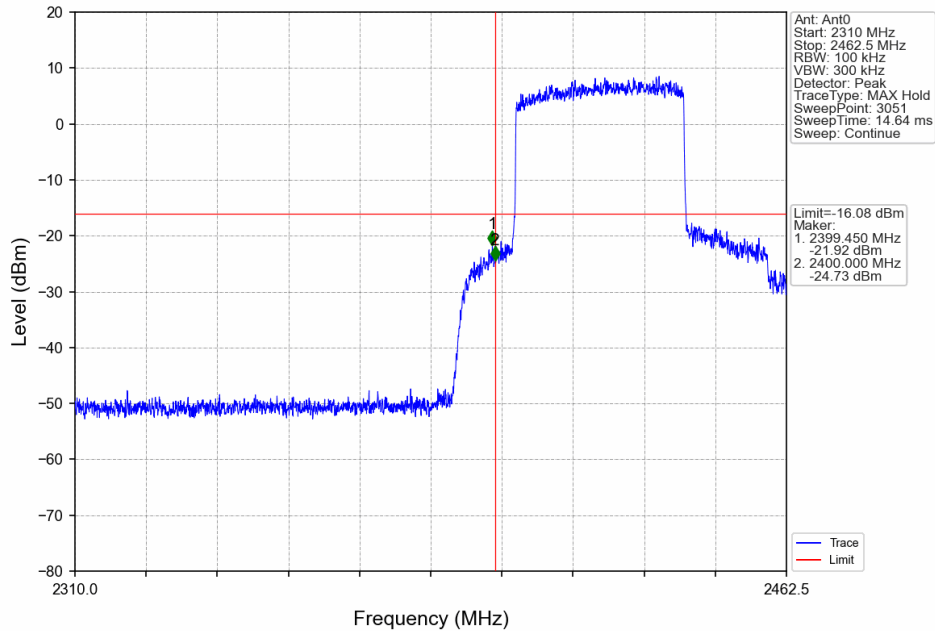
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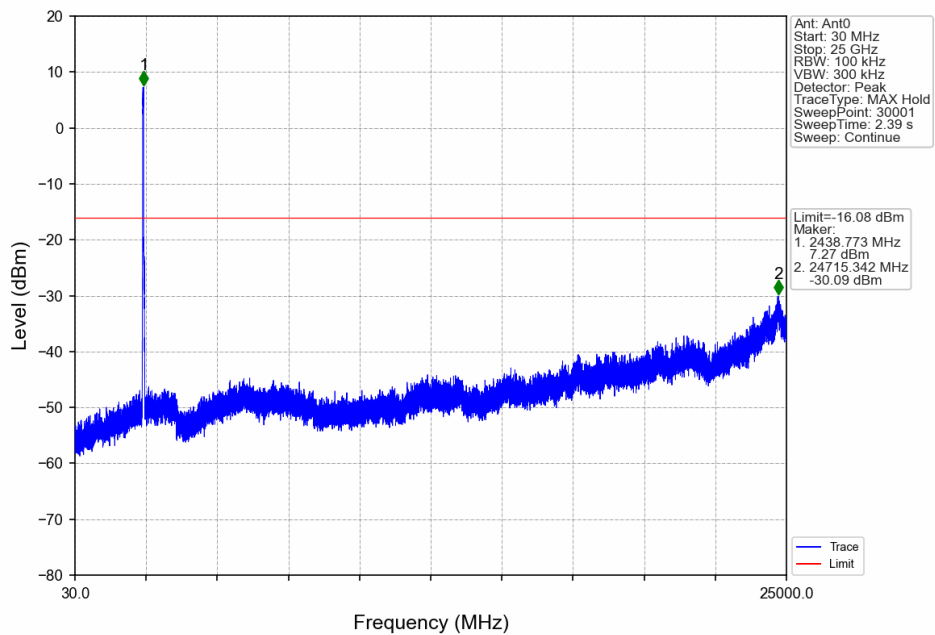
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40M\_LCH\_2422.5MHz\_Ant0\_NTNV

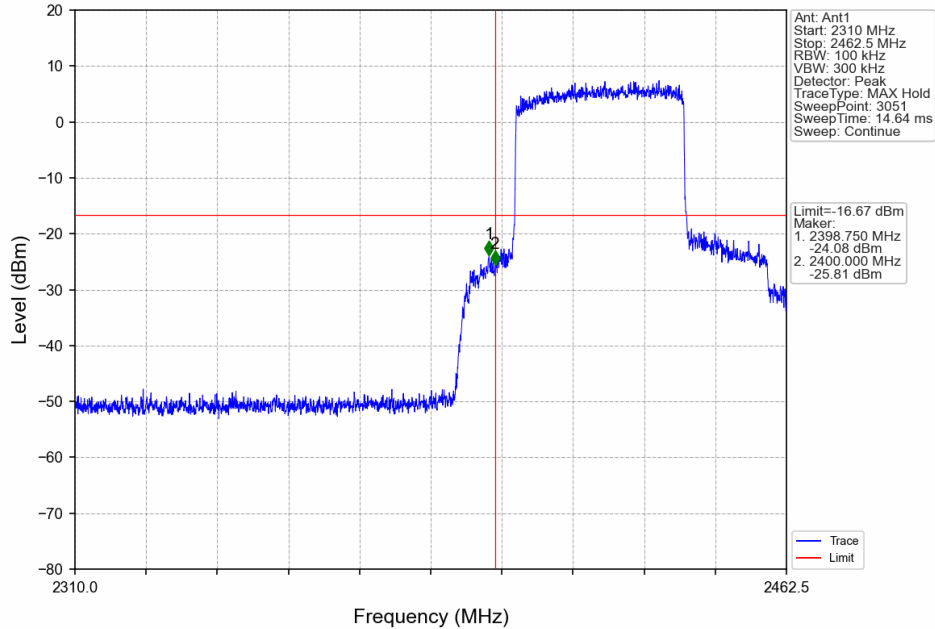


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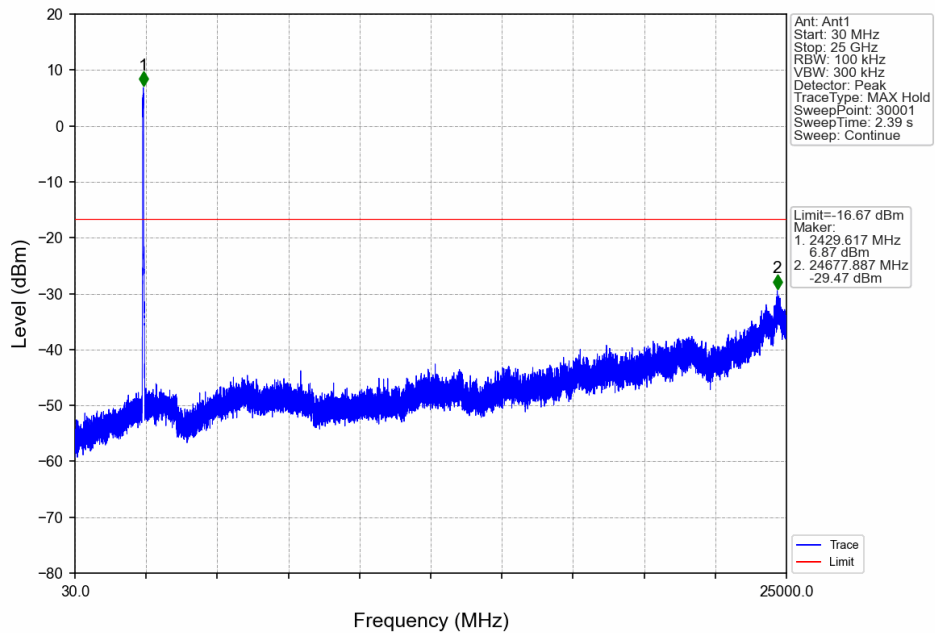




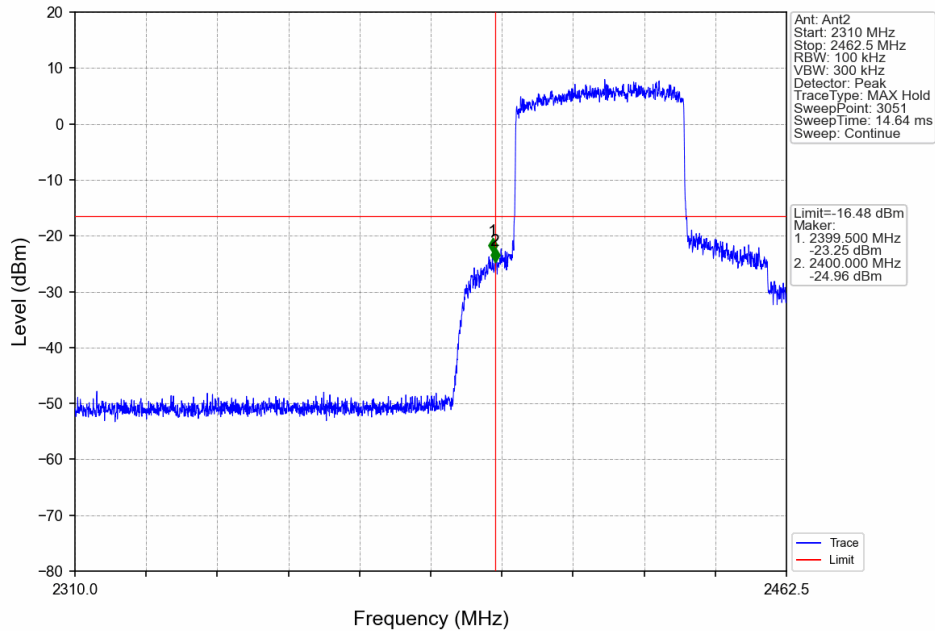
40M\_LCH\_2422.5MHz\_Ant1\_NTNV



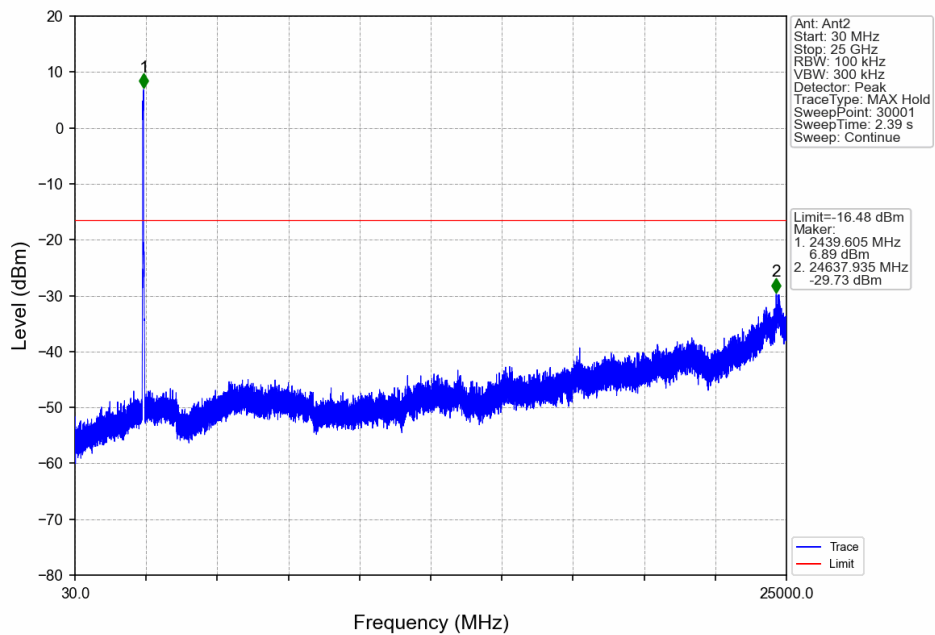
40M\_LCH\_2422.5MHz\_Ant1\_NTNV



40M\_LCH\_2422.5MHz\_Ant2\_NTNV



40M\_LCH\_2422.5MHz\_Ant2\_NTNV

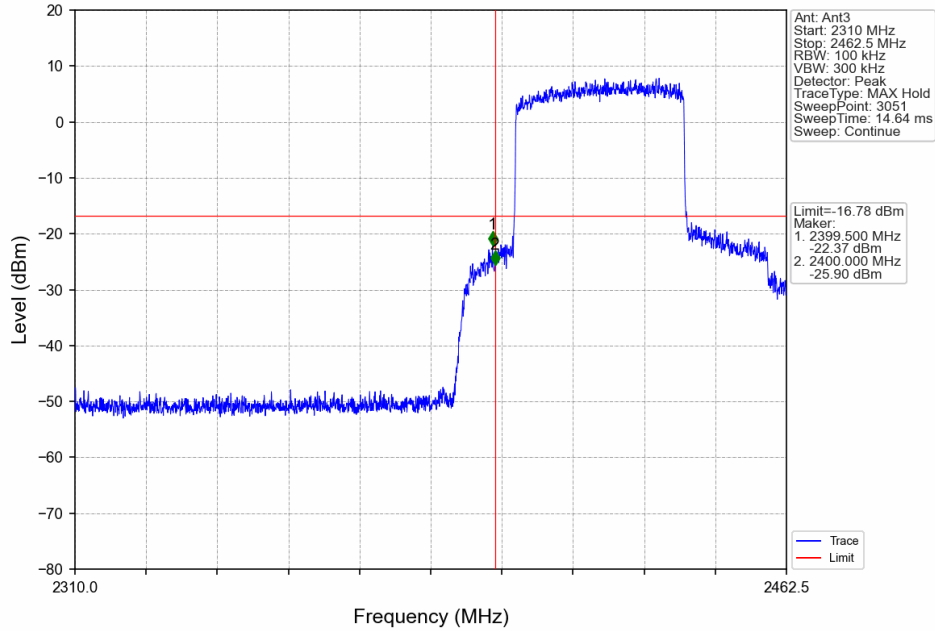


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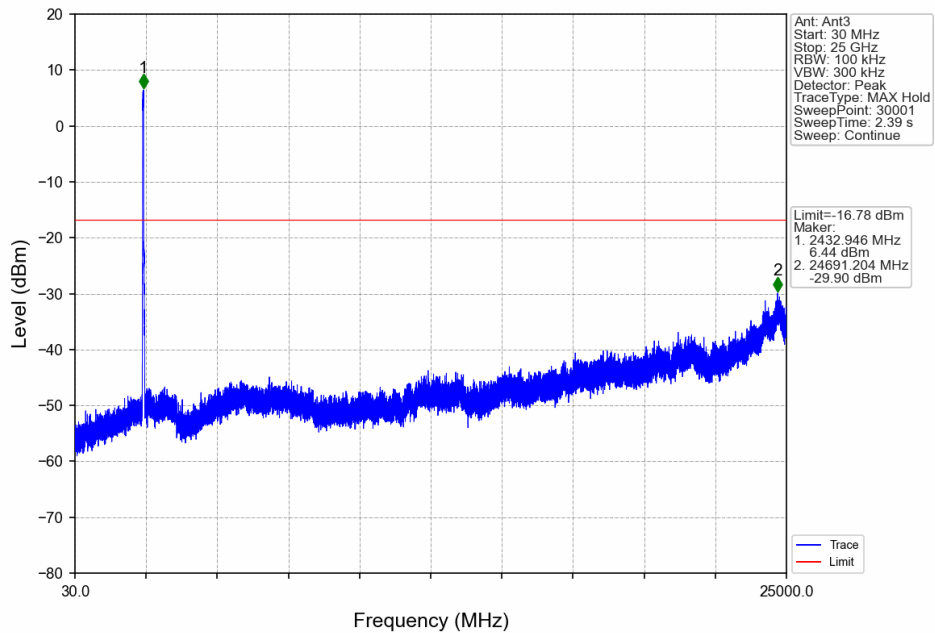
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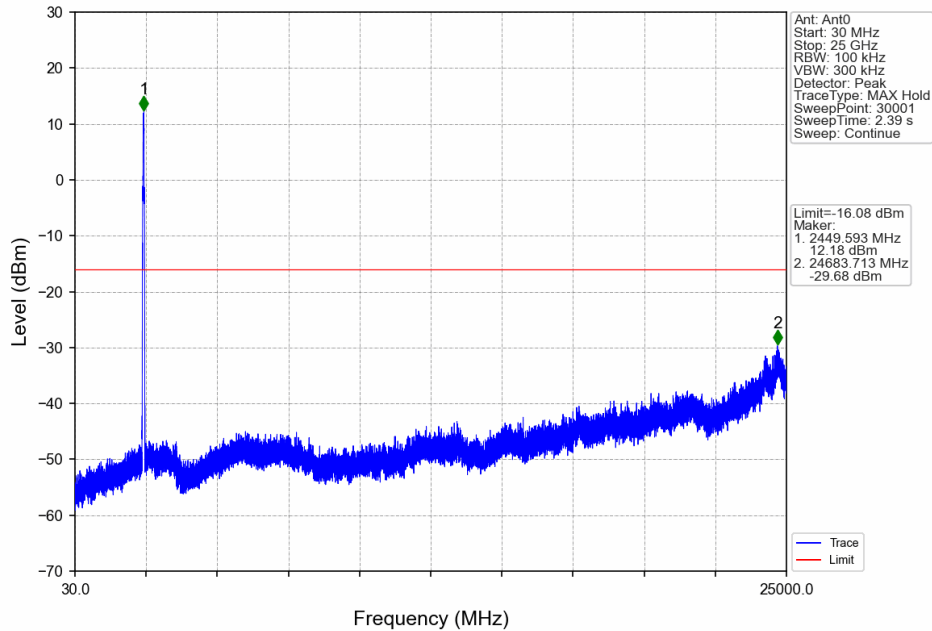
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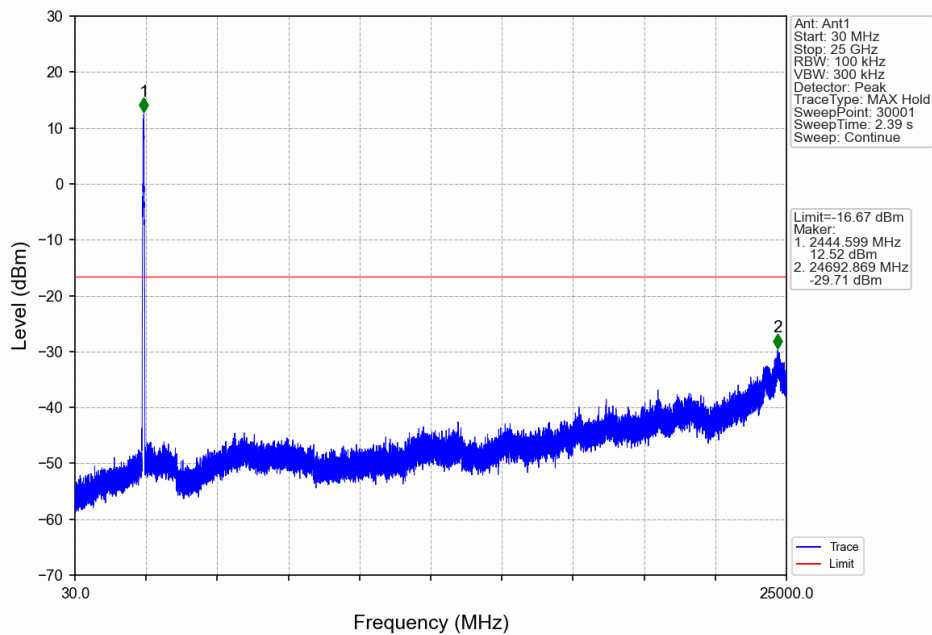
40M\_LCH\_2422.5MHz\_Ant3\_NTNV



### 40M\_MCH\_2437.5MHz\_Ant0\_NTNV



### 40M\_MCH\_2437.5MHz\_Ant1\_NTNV



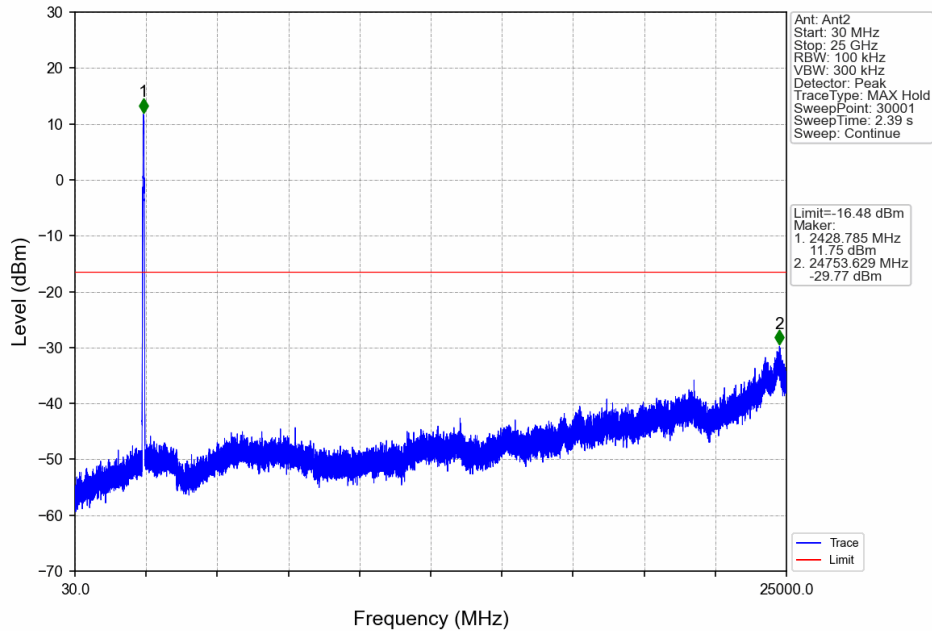
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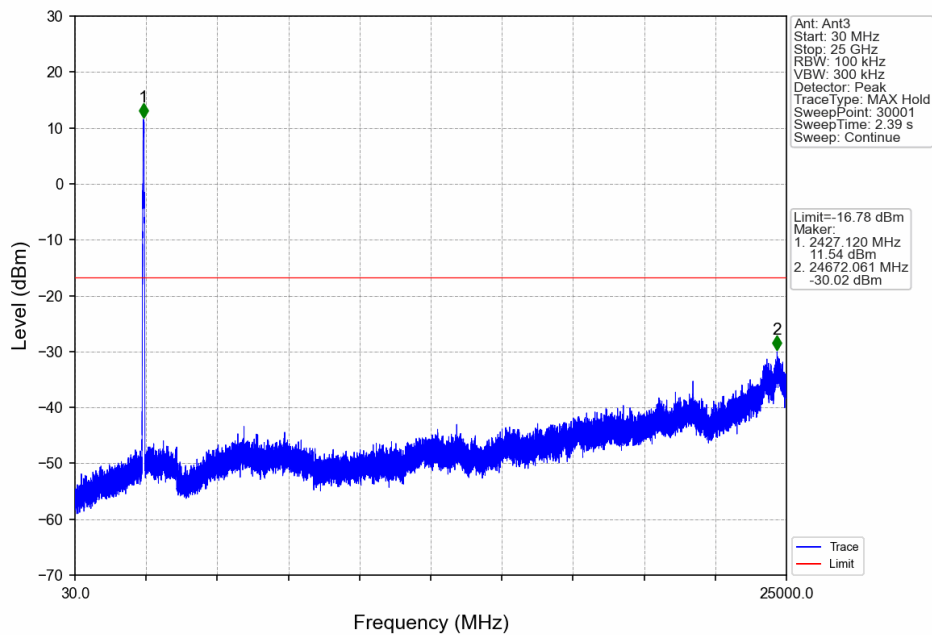
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40M\_MCH\_2437.5MHz\_Ant2\_NTNV



40M\_MCH\_2437.5MHz\_Ant3\_NTNV

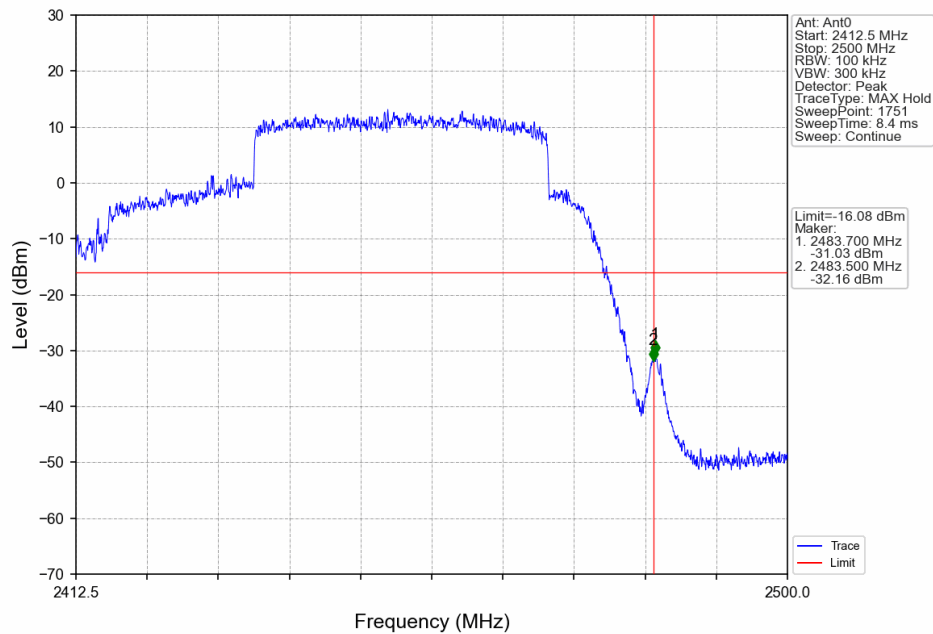


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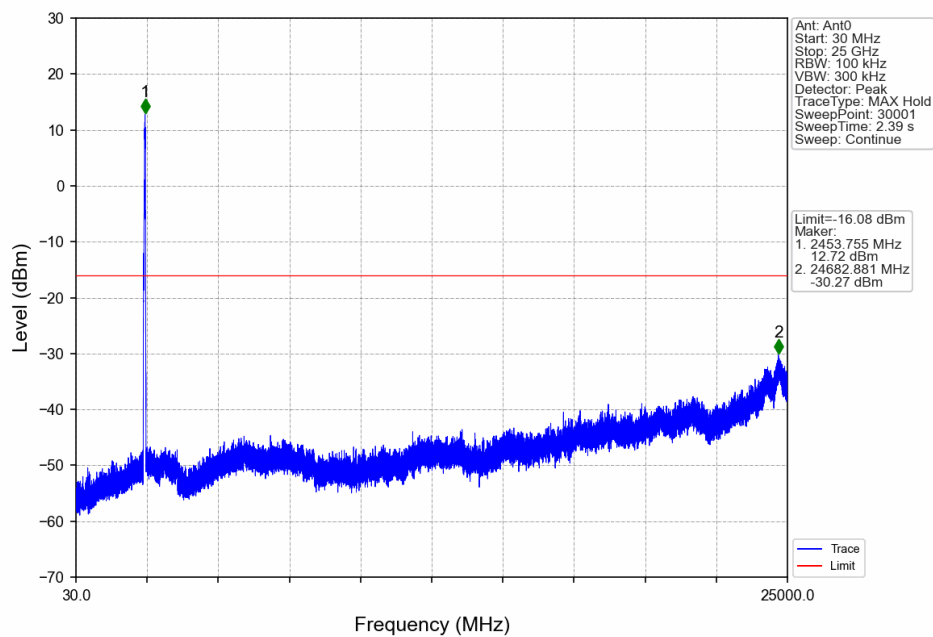
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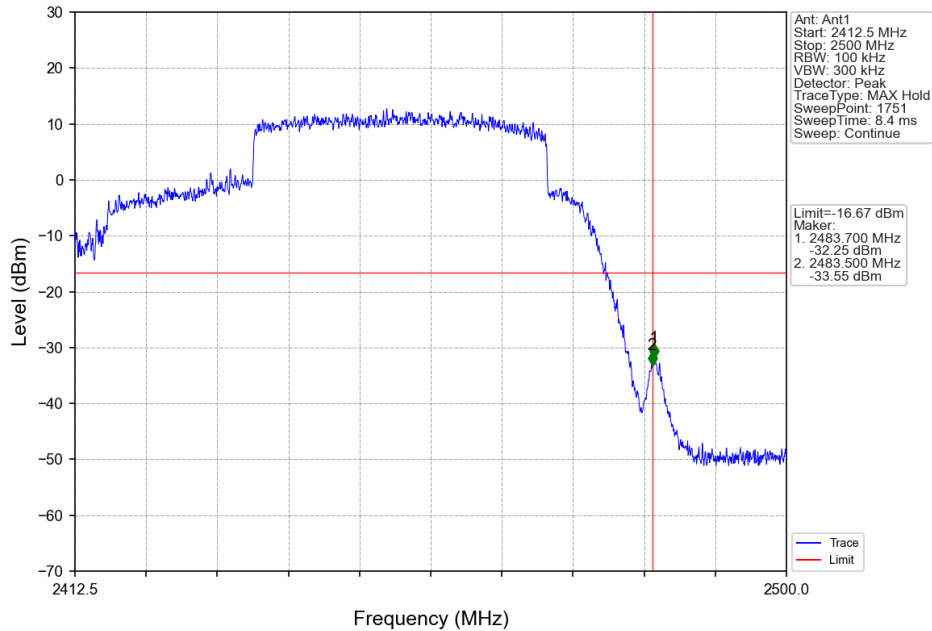
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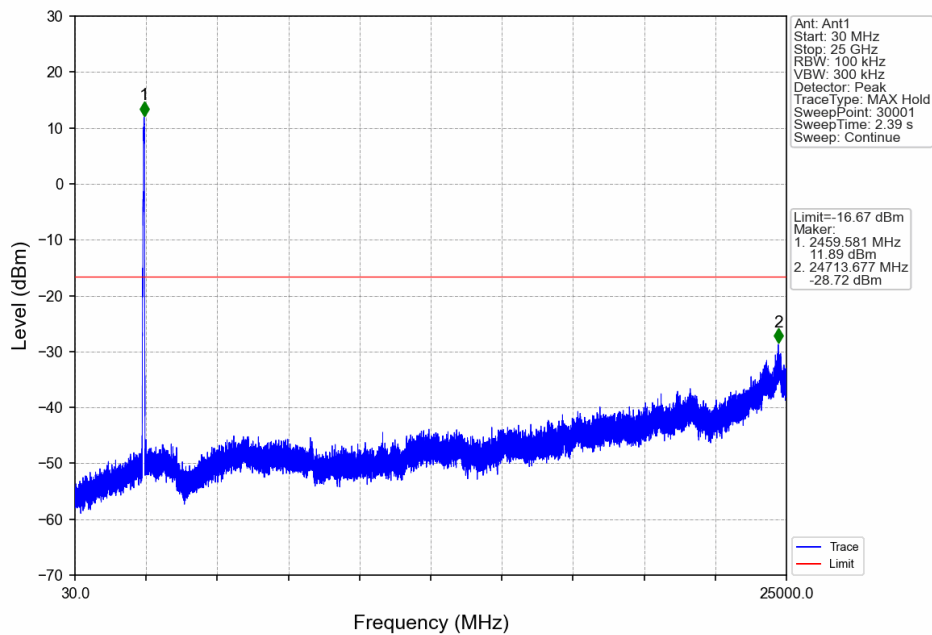
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40M\_HCH\_2452.5MHz\_Ant1\_NTNV



40M\_HCH\_2452.5MHz\_Ant1\_NTNV



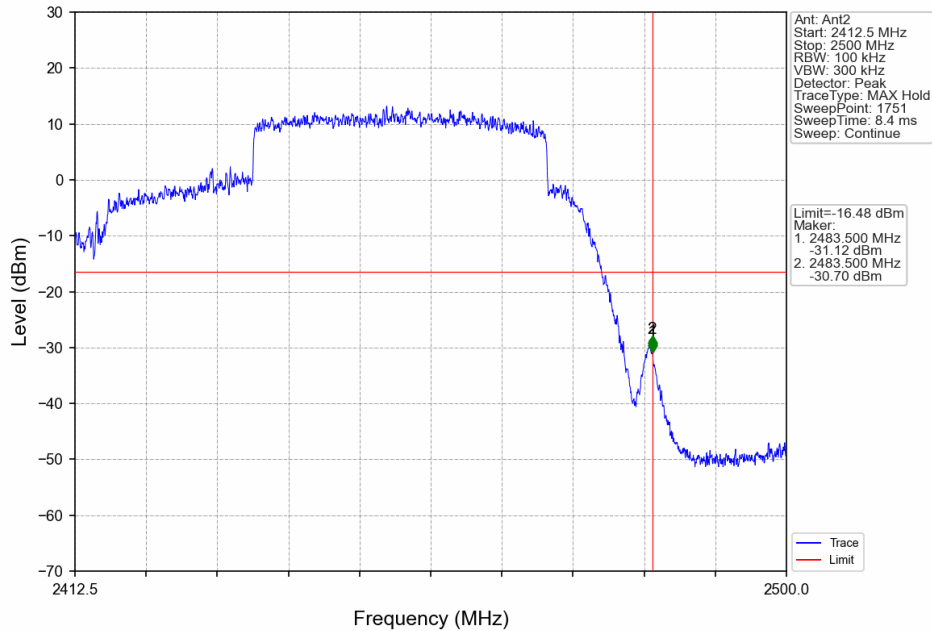
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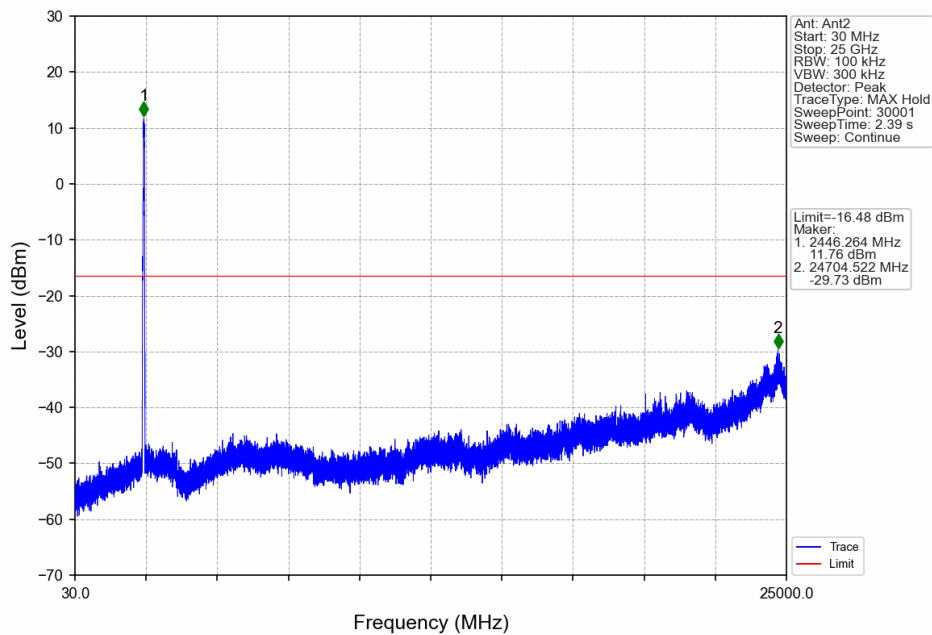
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40M\_HCH\_2452.5MHz\_Ant2\_NTNV



40M\_HCH\_2452.5MHz\_Ant2\_NTNV



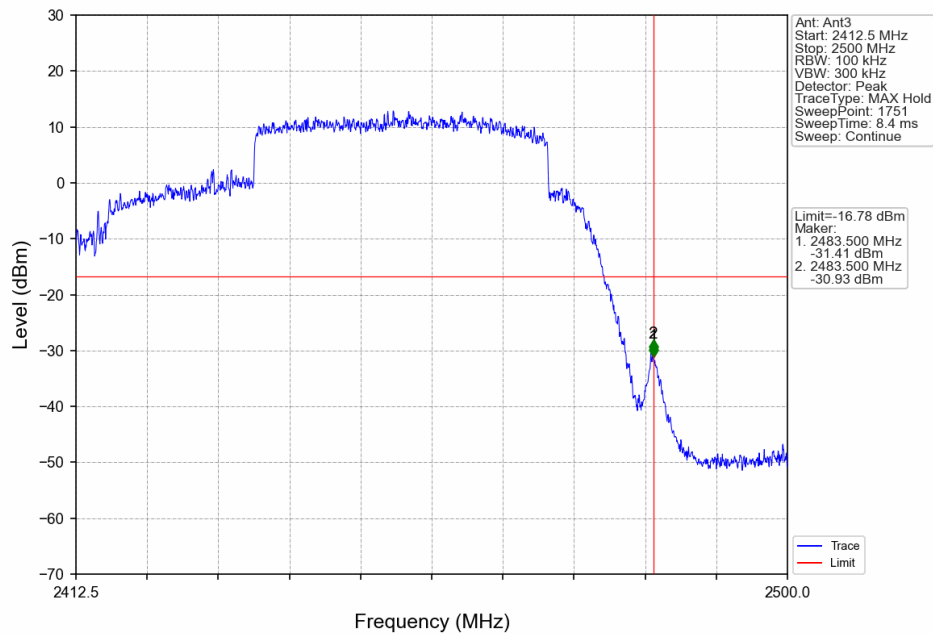
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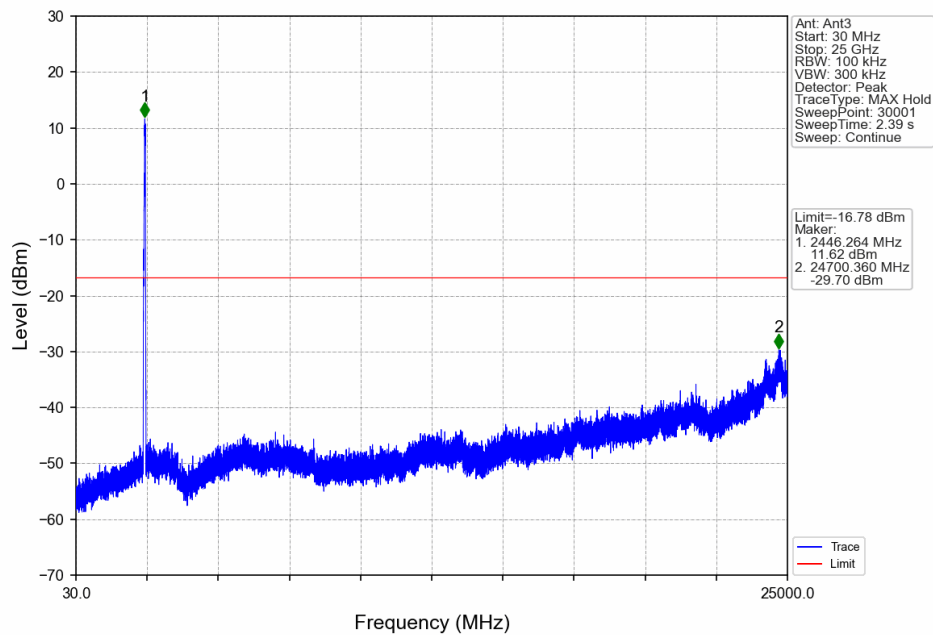
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40M\_HCH\_2452.5MHz\_Ant3\_NTNV



40M\_HCH\_2452.5MHz\_Ant3\_NTNV



## 2.4G SDR SISO Mode: ANT4&ANT5

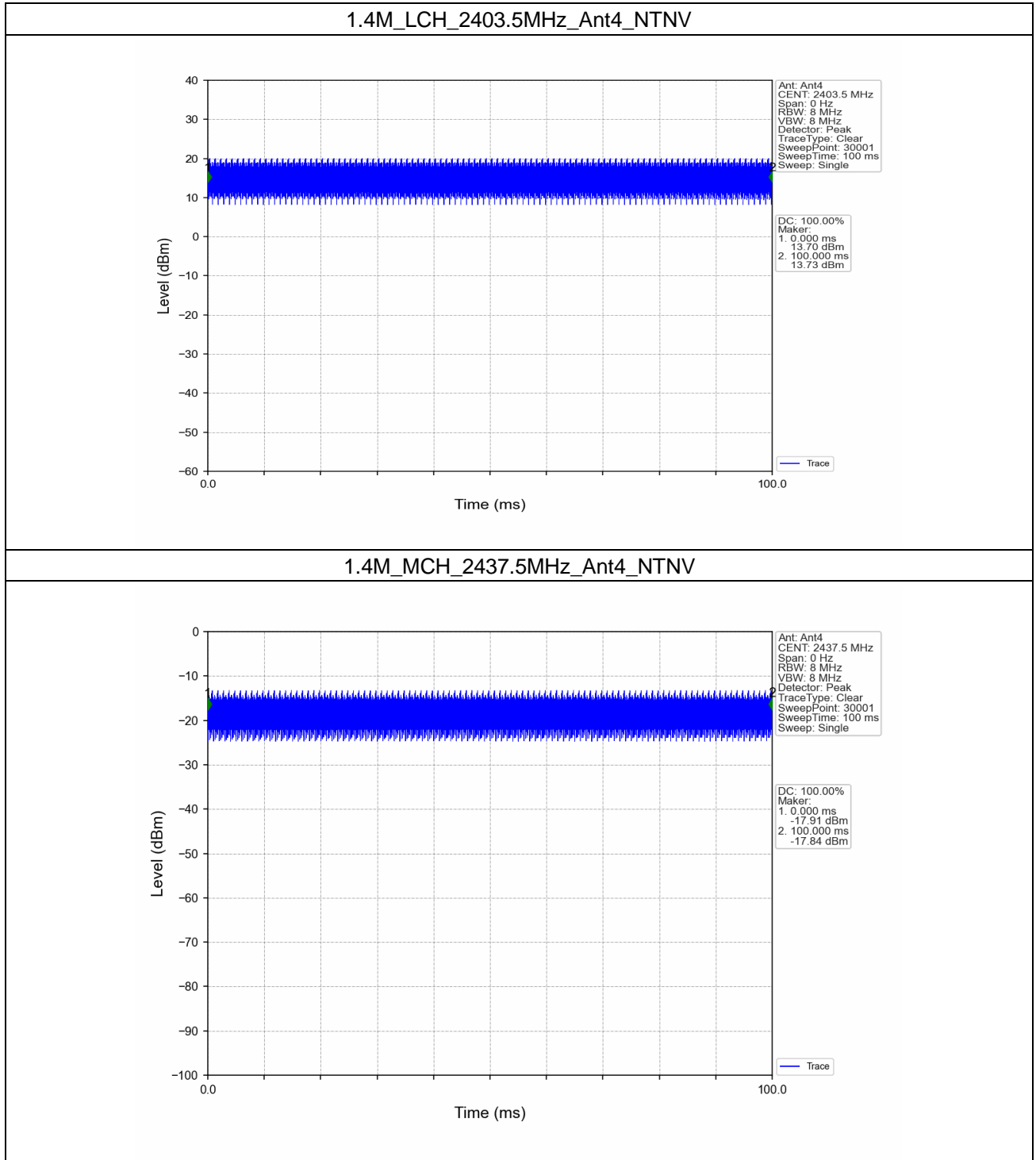
### 1. Duty Cycle

#### 1.1 Ant4

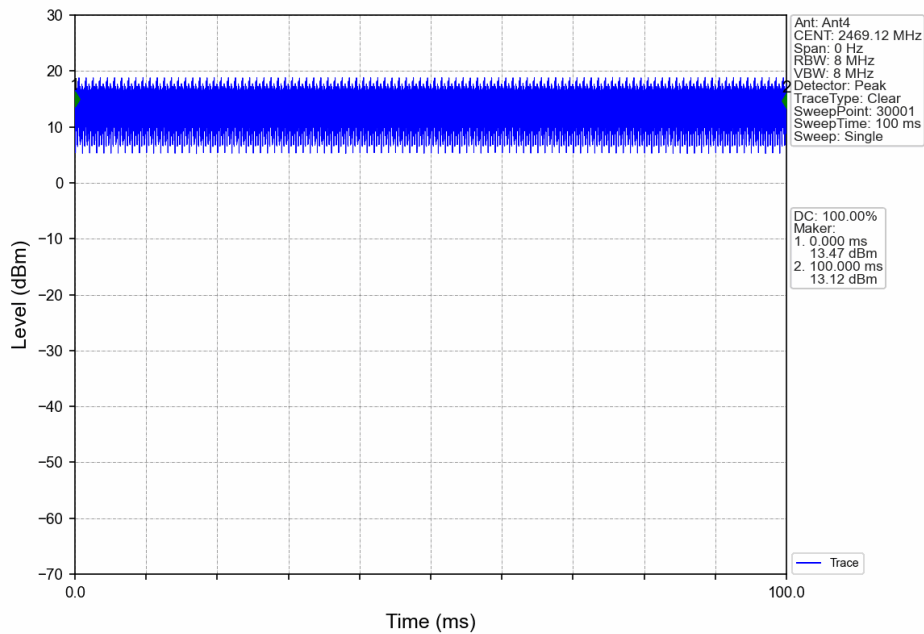
##### 1.1.1 Test Result

Ant4							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1.4M	SISO	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	SISO	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	SISO	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	SISO	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	SISO	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	SISO	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

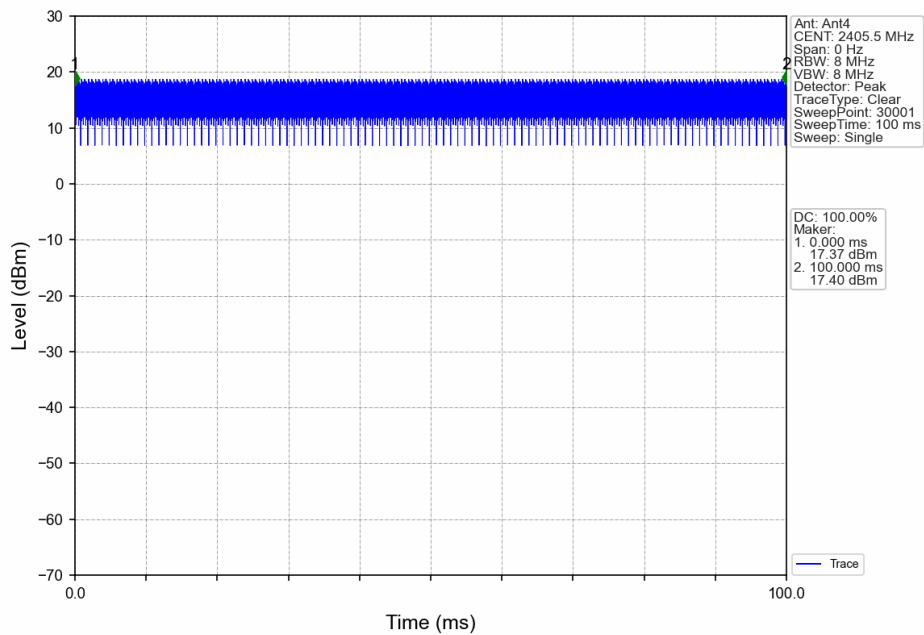
### 1.1.2 Test Graph



### 1.4M\_HCH\_2469.12MHz\_Ant4\_NTNV



### 3M\_LCH\_2405.5MHz\_Ant4\_NTNV



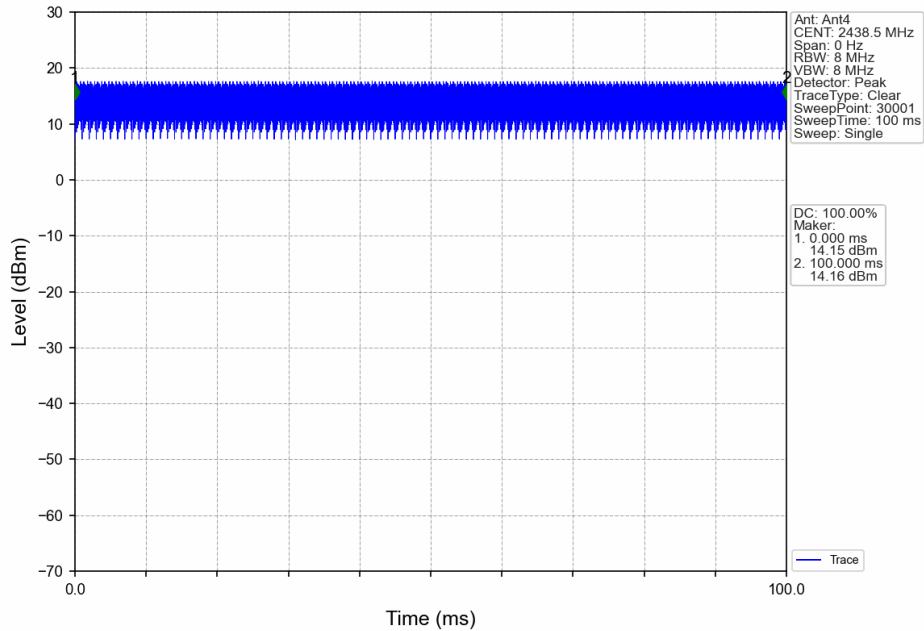
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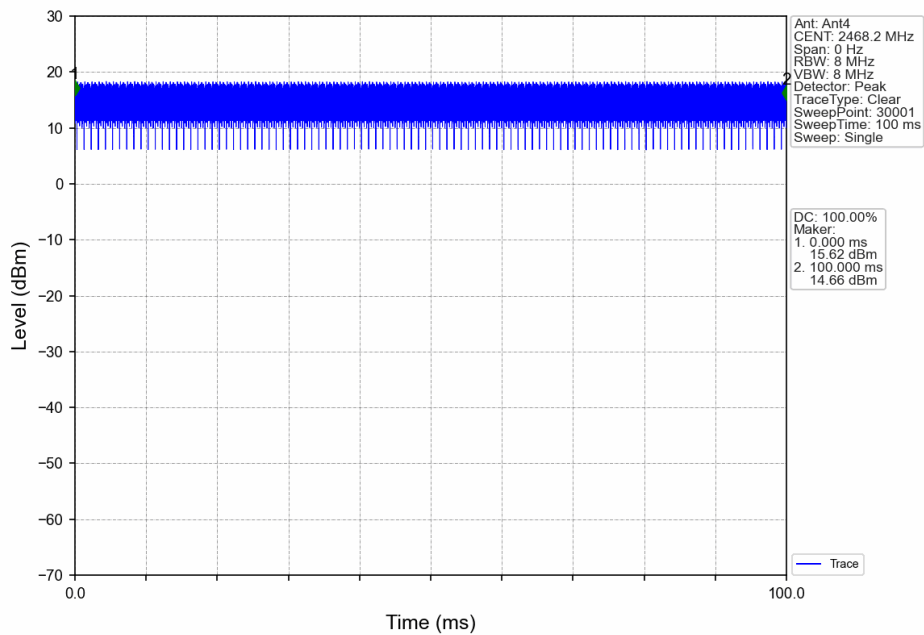
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### 3M\_MCH\_2438.5MHz\_Ant4\_NTNV



### 3M\_HCH\_2468.2MHz\_Ant4\_NTNV

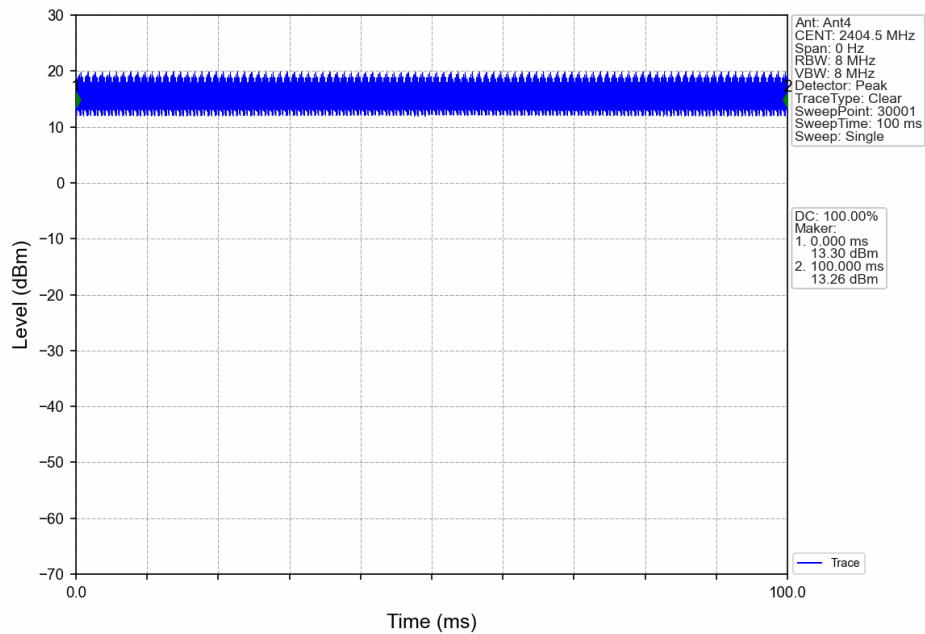


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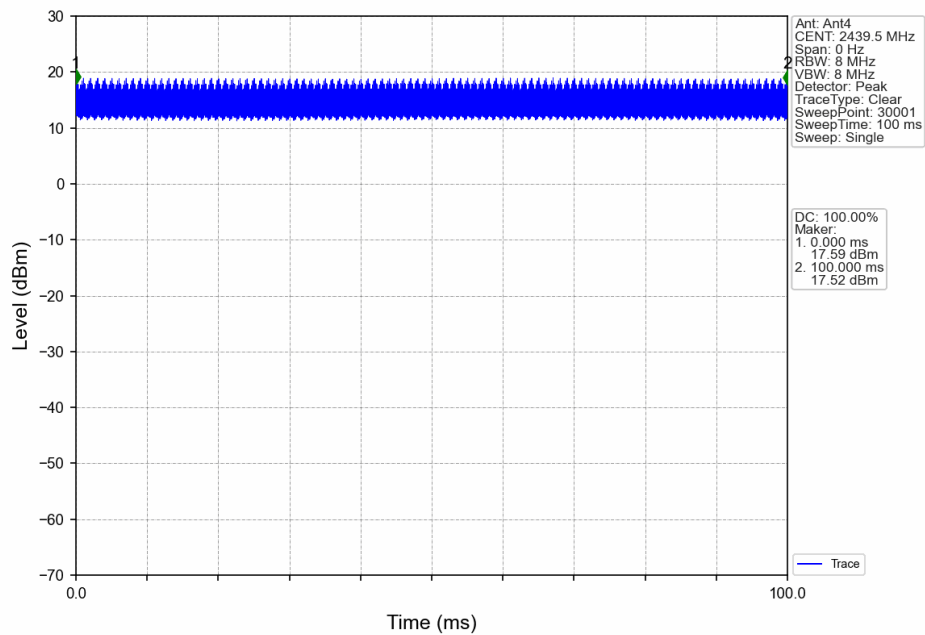
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5M\_LCH\_2404.5MHz\_Ant4\_NTNV



5M\_MCH\_2439.5MHz\_Ant4\_NTNV

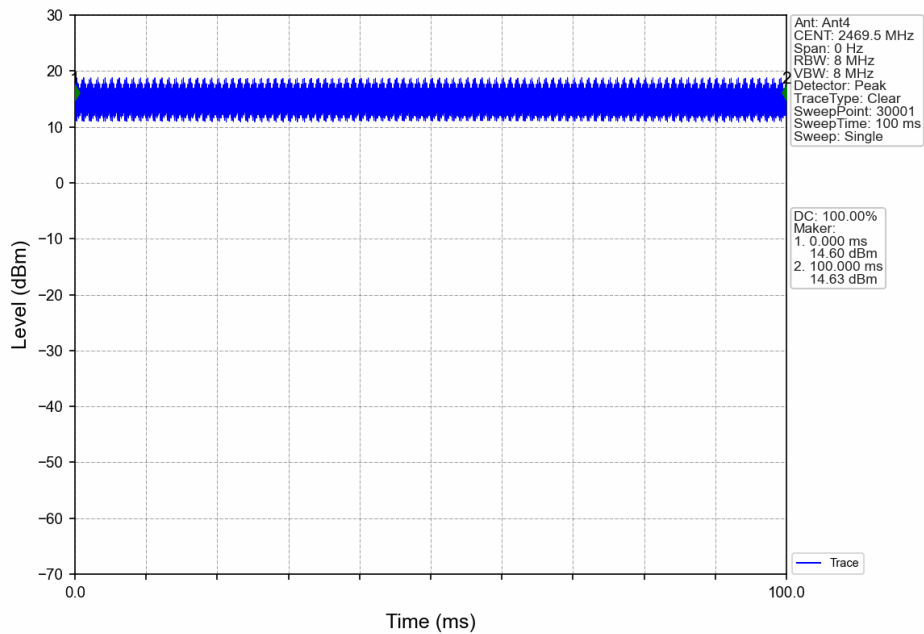


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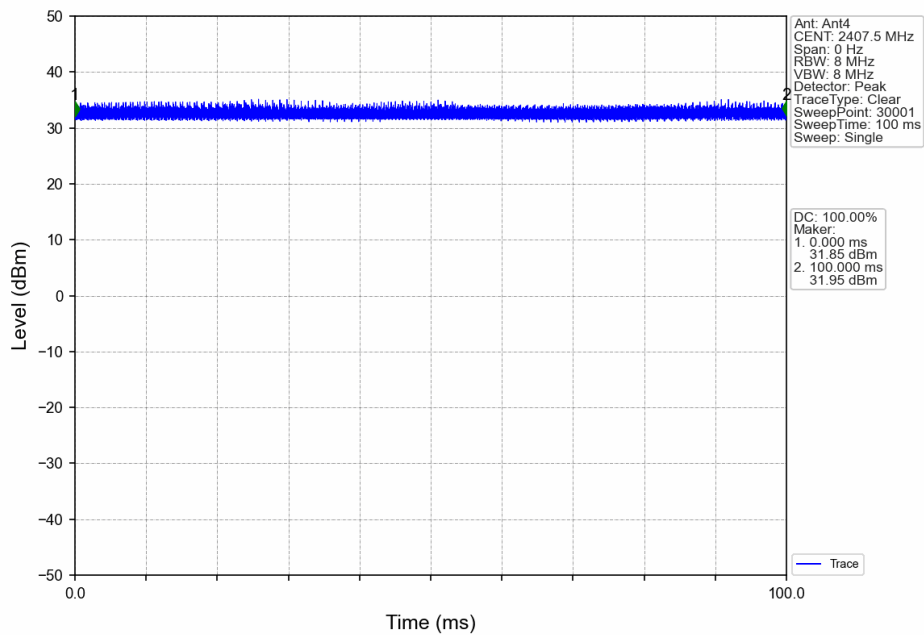
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5M\_HCH\_2469.5MHz\_Ant4\_NTNV



10M\_LCH\_2407.5MHz\_Ant4\_NTNV

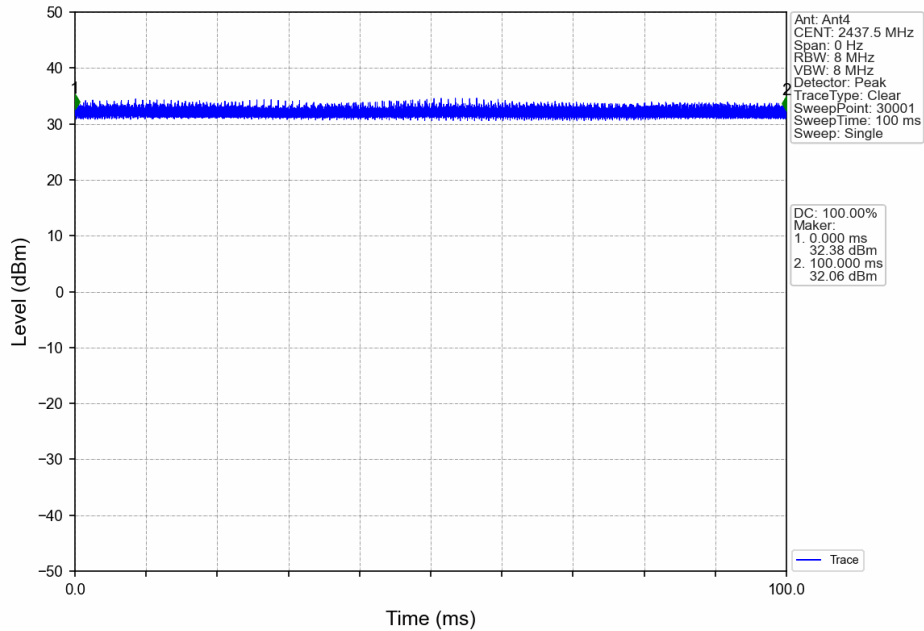


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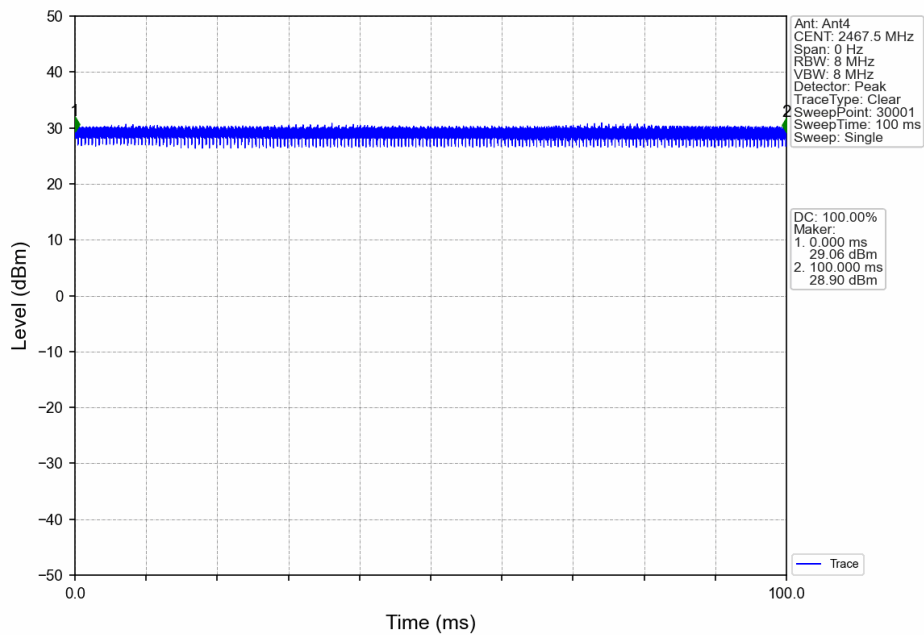
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10M\_MCH\_2437.5MHz\_Ant4\_NTNV



10M\_HCH\_2467.5MHz\_Ant4\_NTNV



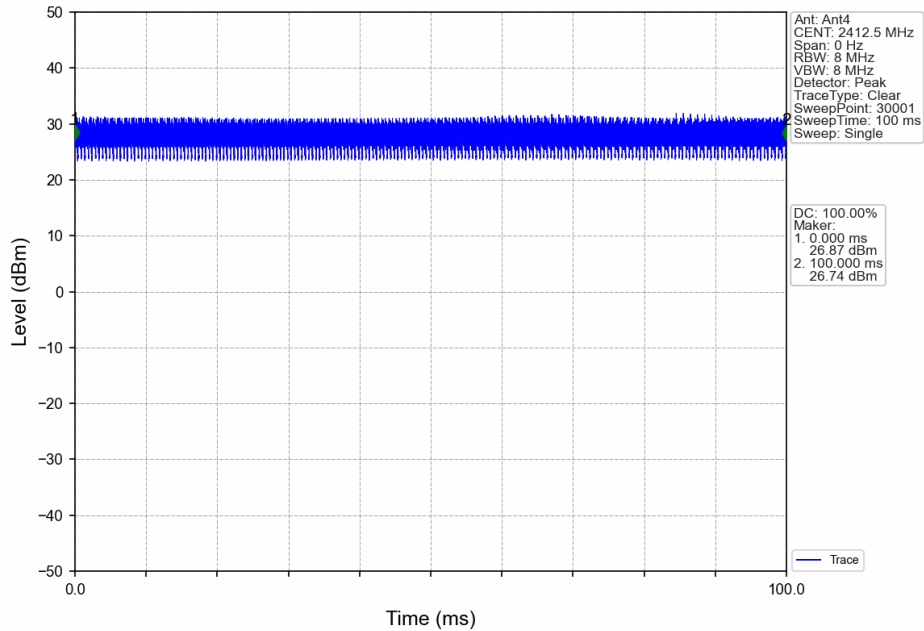
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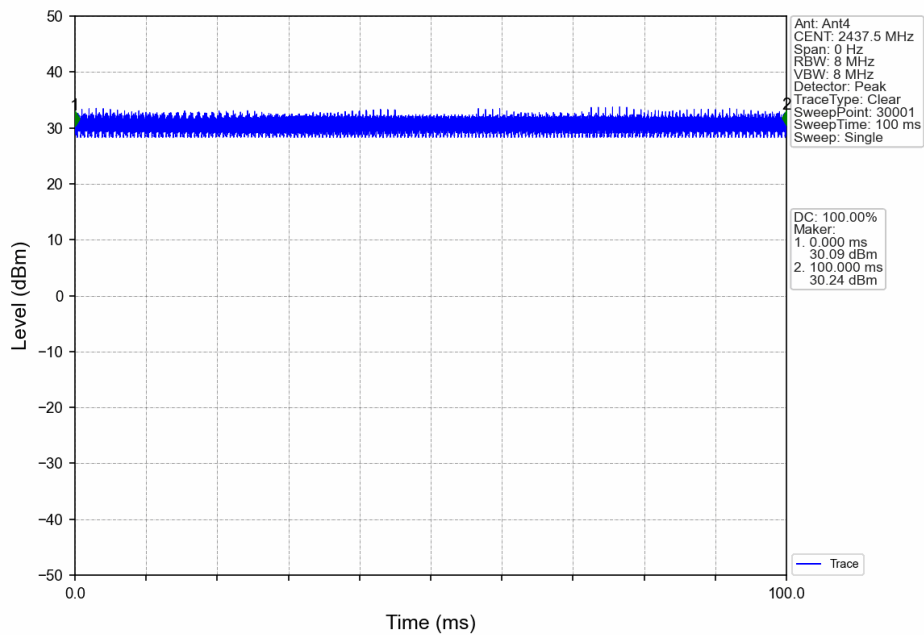
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20M\_LCH\_2412.5MHz\_Ant4\_NTNV



20M\_MCH\_2437.5MHz\_Ant4\_NTNV



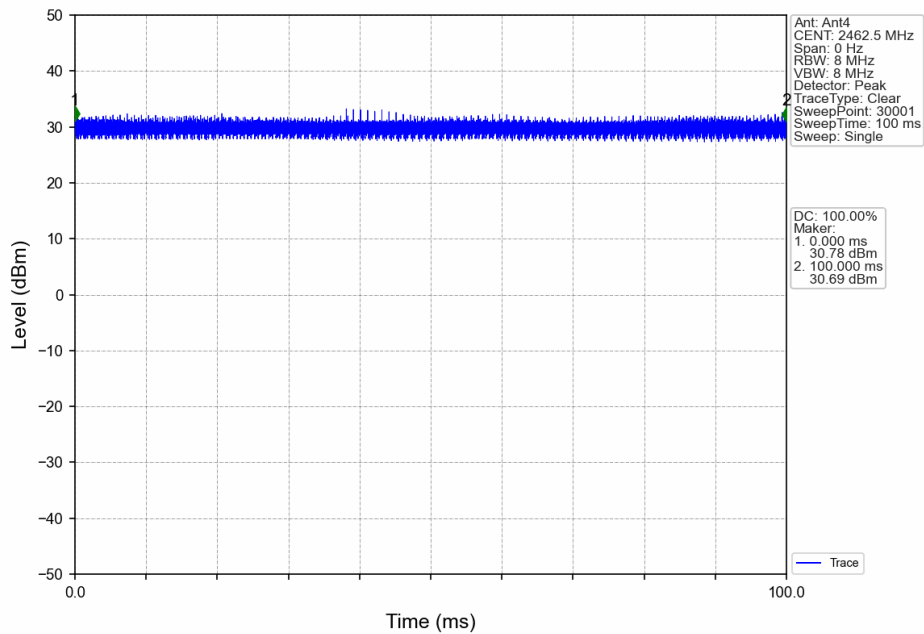
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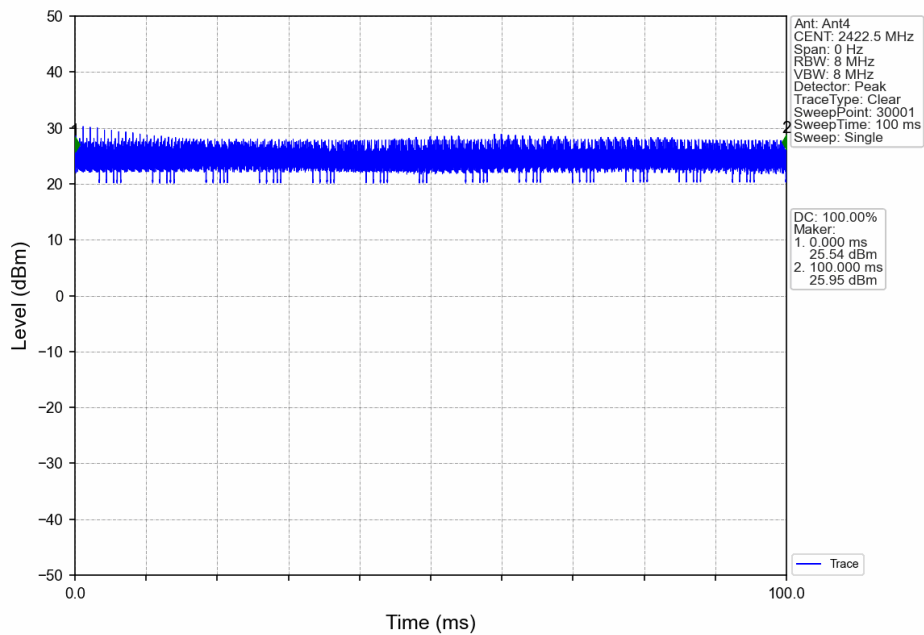
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20M\_HCH\_2462.5MHz\_Ant4\_NTNV



40M\_LCH\_2422.5MHz\_Ant4\_NTNV

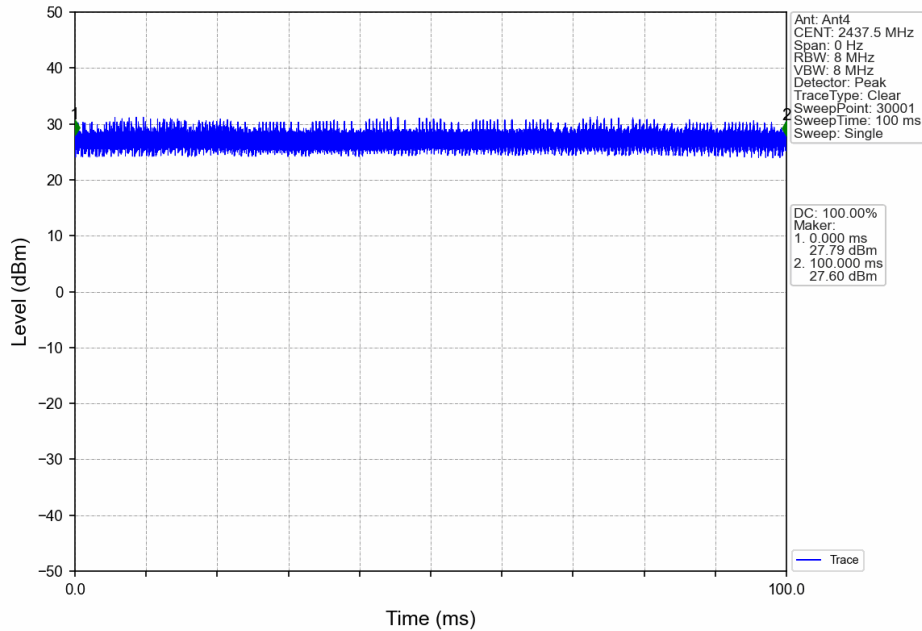


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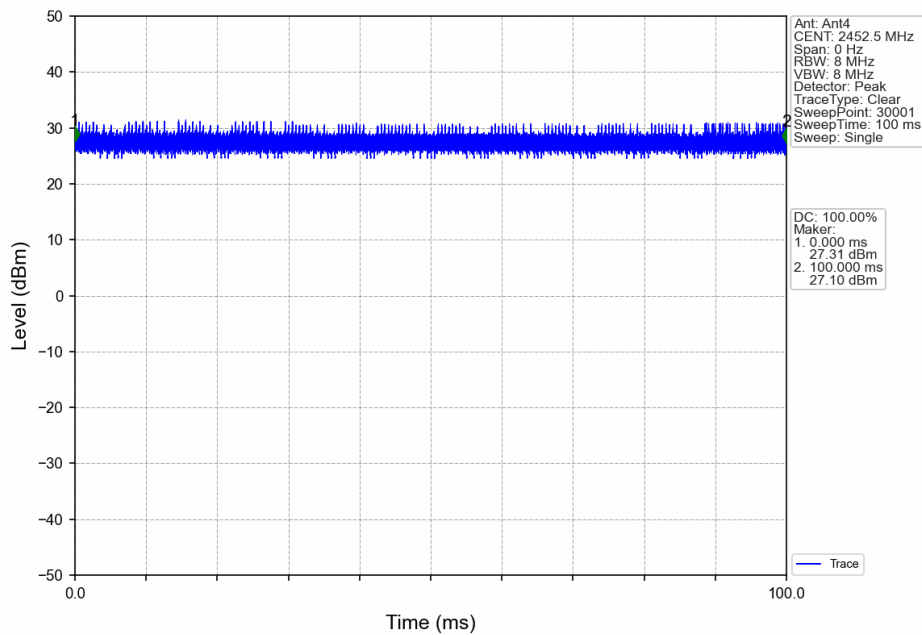
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40M\_MCH\_2437.5MHz\_Ant4\_NTNV



40M\_HCH\_2452.5MHz\_Ant4\_NTNV



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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

Report No.: SZCR230400101304

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## 2. Bandwidth

### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1.4M	SISO	2403.5	4	1.188	Pass
		2437.5	4	1.183	Pass
		2469.12	4	1.184	Pass
3M	SISO	2405.5	4	2.303	Pass
		2438.5	4	2.299	Pass
		2468.2	4	2.298	Pass
5M	SISO	2404.5	4	4.401	Pass
		2439.5	4	4.396	Pass
		2469.5	4	4.393	Pass
10M	SISO	2407.5	4	12.128	Pass
		2437.5	4	13.991	Pass
		2467.5	4	12.198	Pass
20M	SISO	2412.5	4	18.144	Pass
		2437.5	4	27.984	Pass
		2462.5	4	24.460	Pass
40M	SISO	2422.5	4	36.888	Pass
		2437.5	4	58.194	Pass
		2452.5	4	52.308	Pass



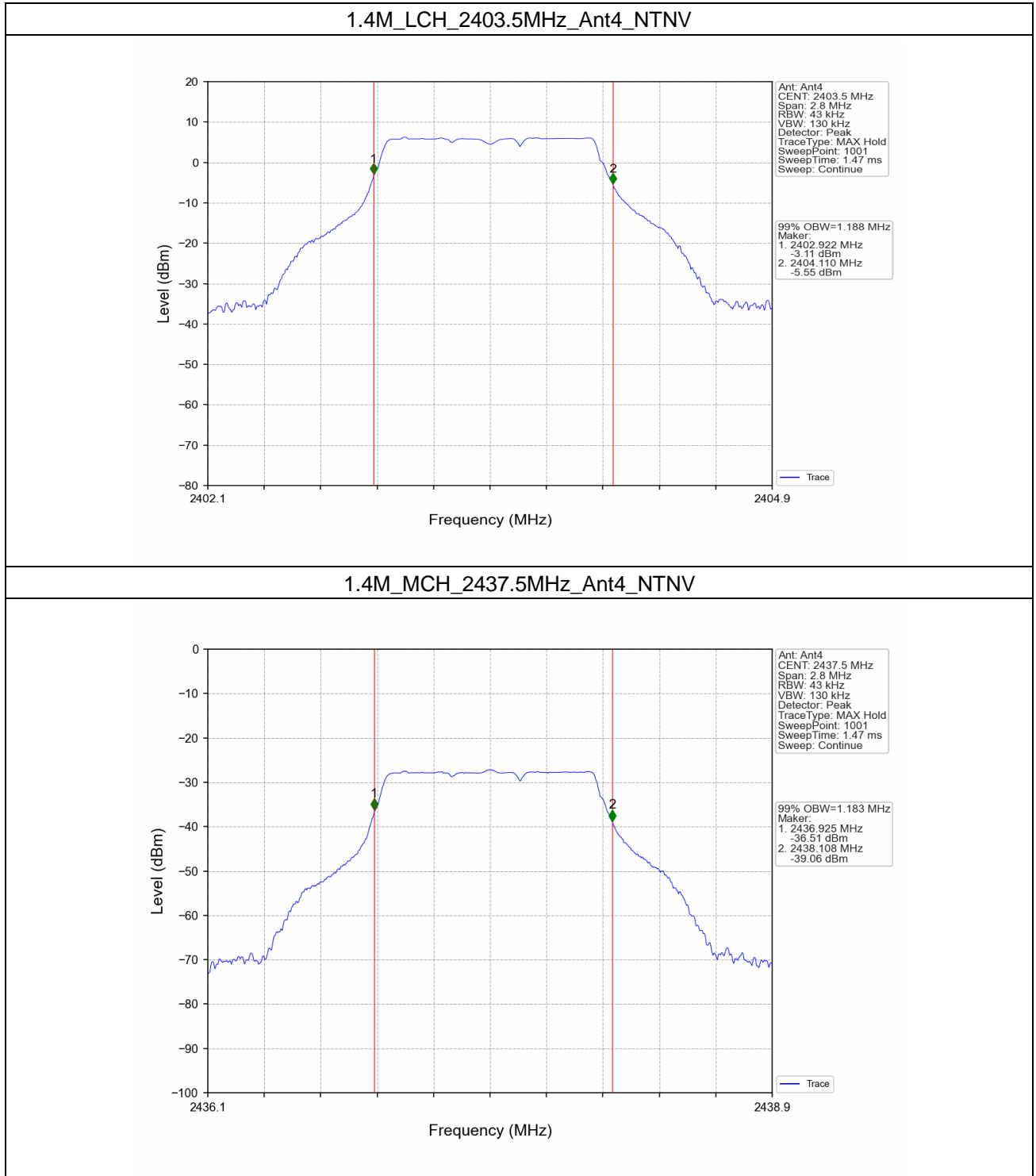
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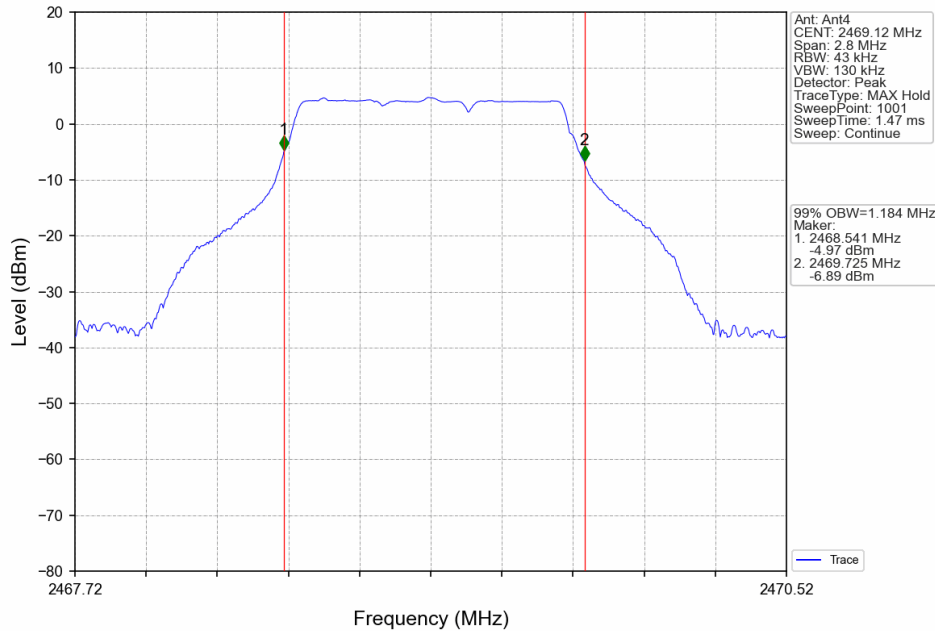
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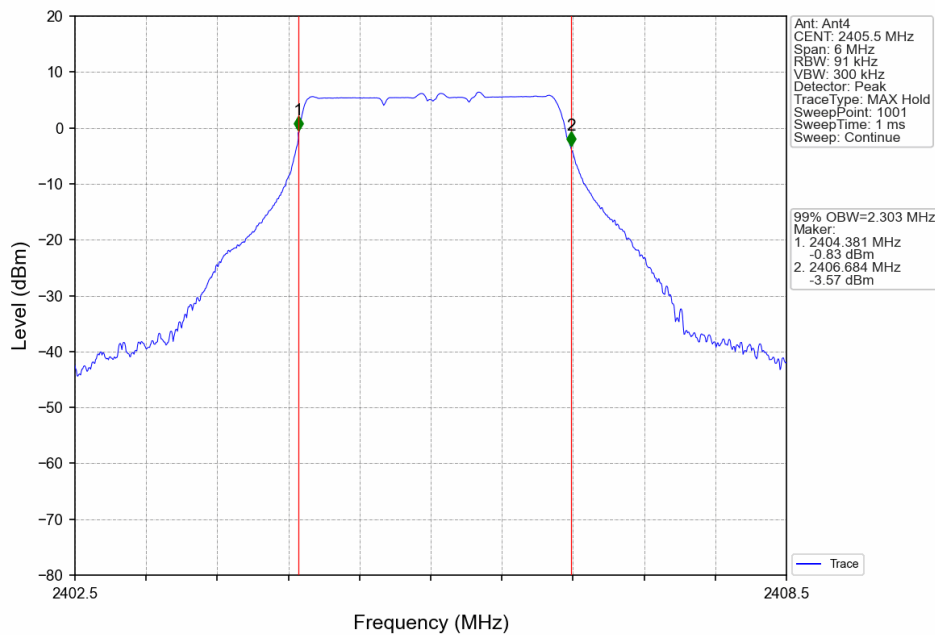
### 2.1.2 Test Graph



### 1.4M\_HCH\_2469.12MHz\_Ant4\_NTNV



### 3M\_LCH\_2405.5MHz\_Ant4\_NTNV

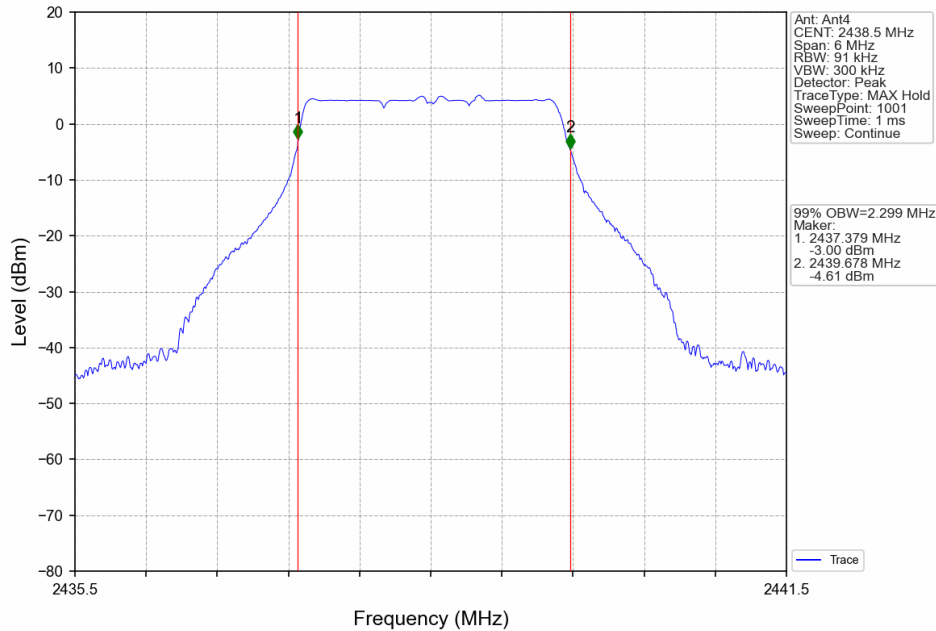


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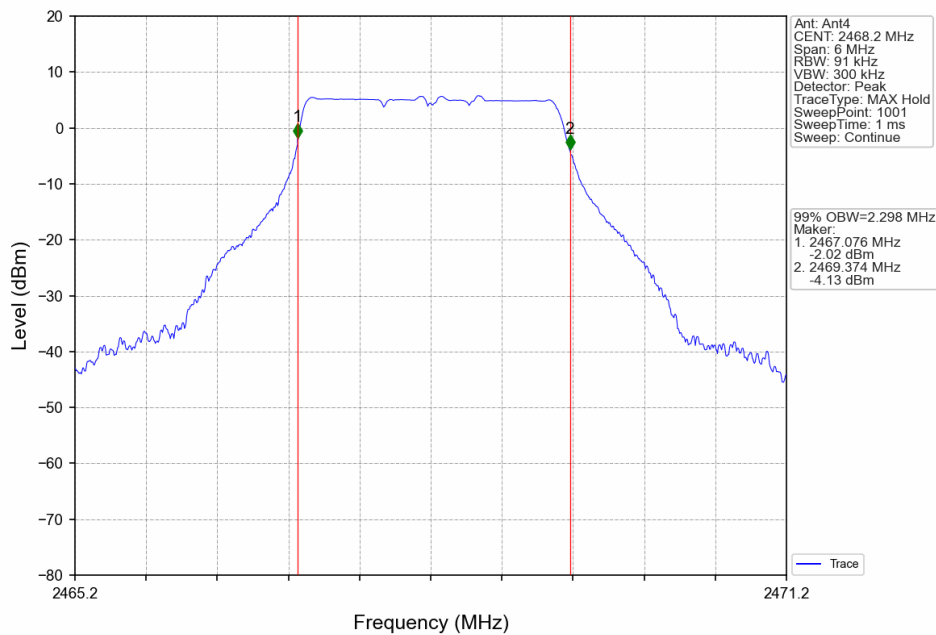
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### 3M\_MCH\_2438.5MHz\_Ant4\_NTNV



### 3M\_HCH\_2468.2MHz\_Ant4\_NTNV

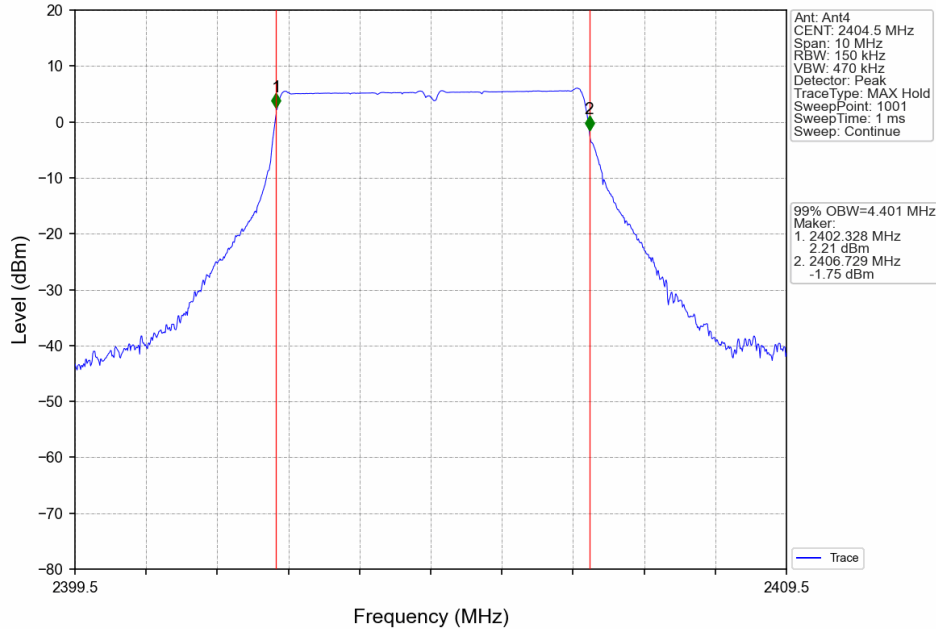


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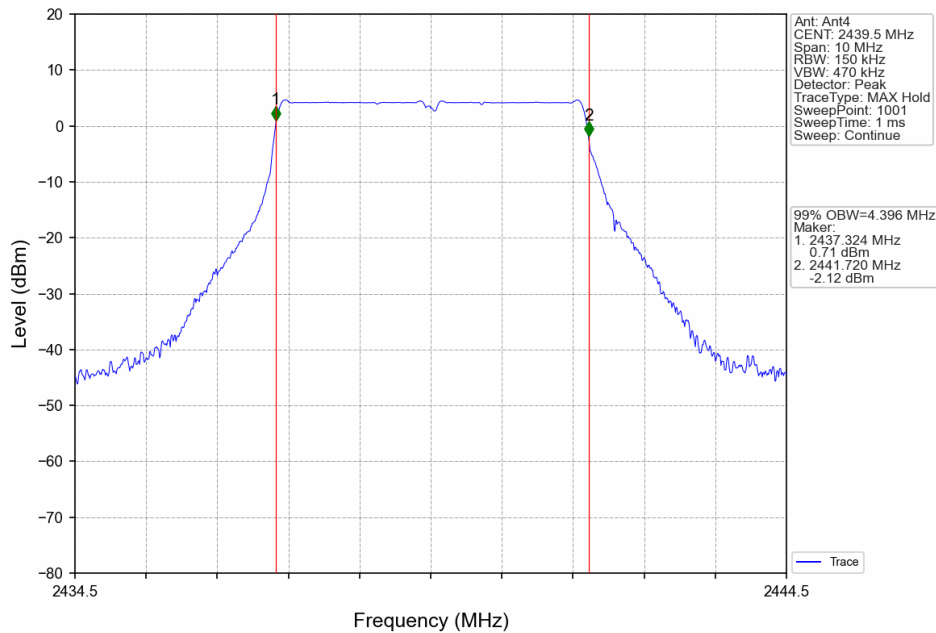
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5M\_LCH\_2404.5MHz\_Ant4\_NTNV

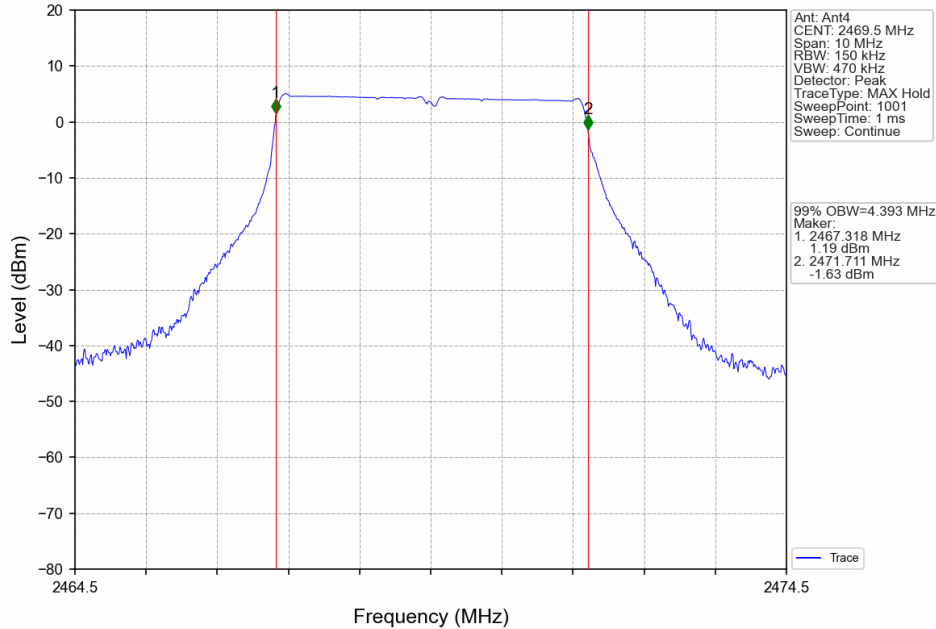


5M\_MCH\_2439.5MHz\_Ant4\_NTNV

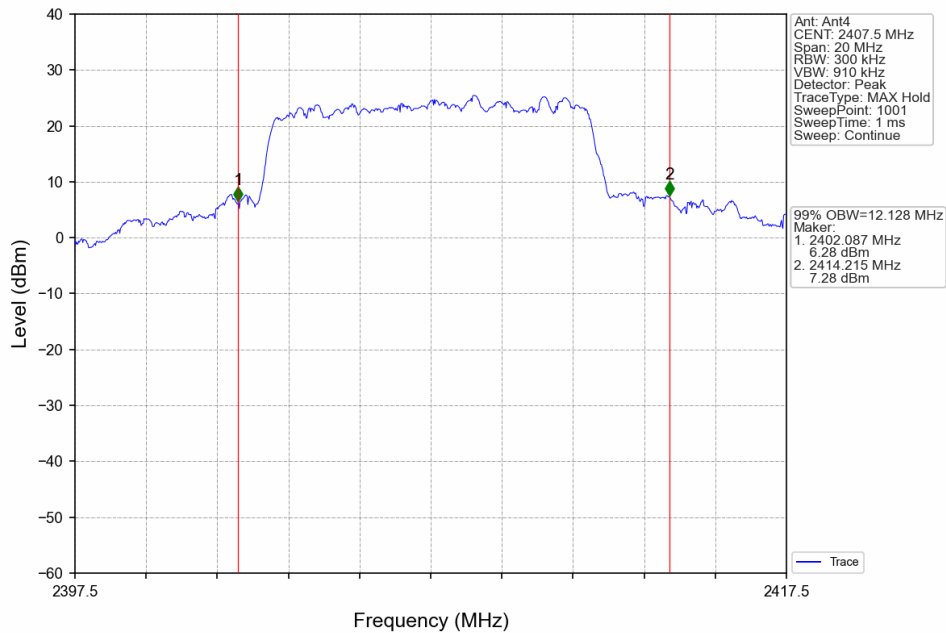




### 5M\_HCH\_2469.5MHz\_Ant4\_NTNV



### 10M\_LCH\_2407.5MHz\_Ant4\_NTNV



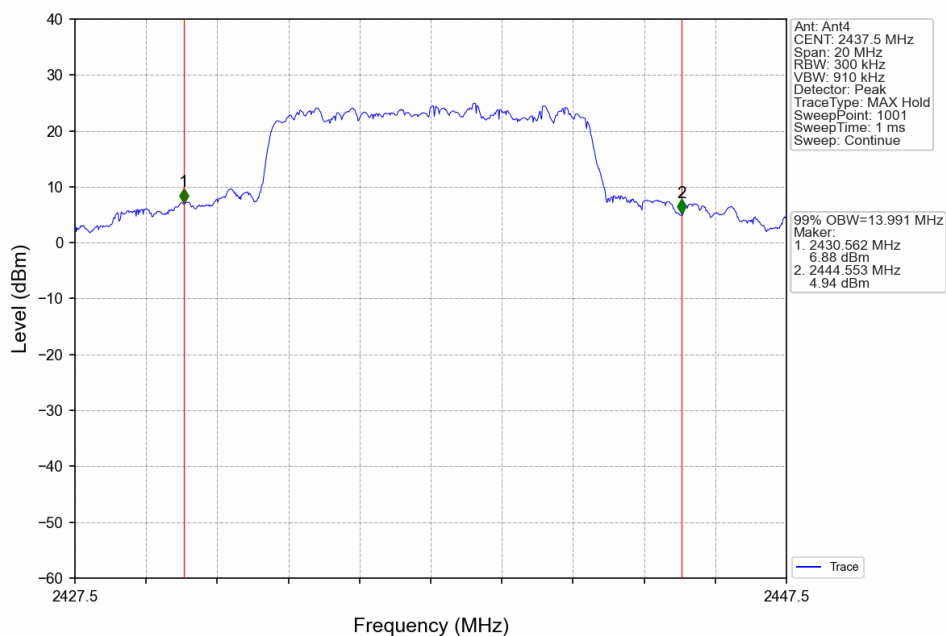
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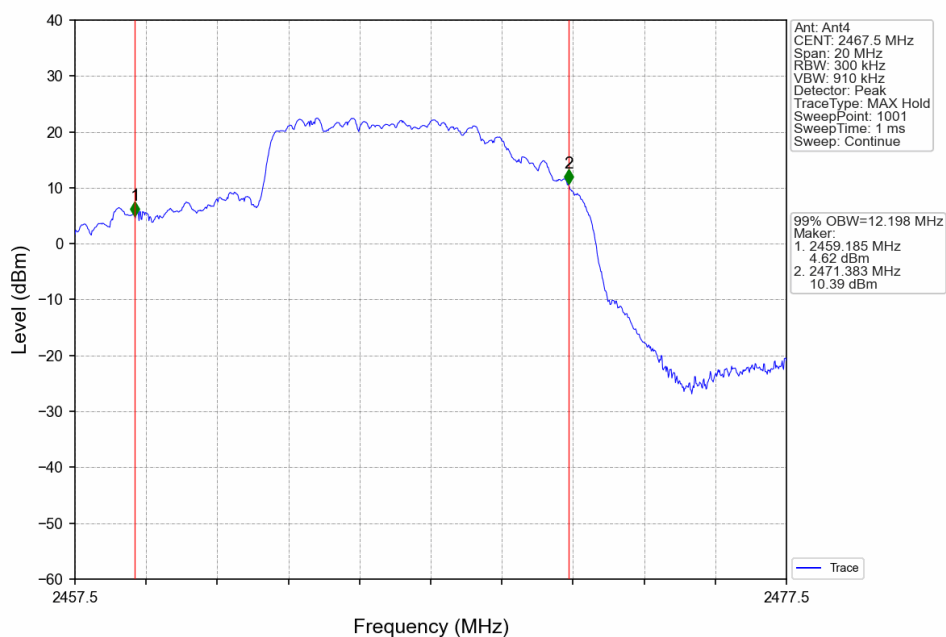
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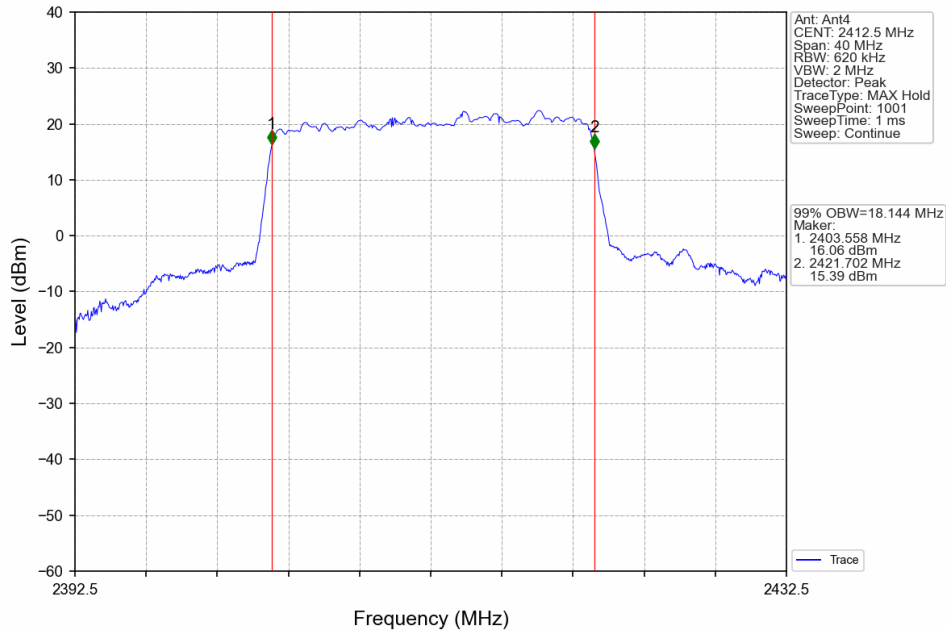
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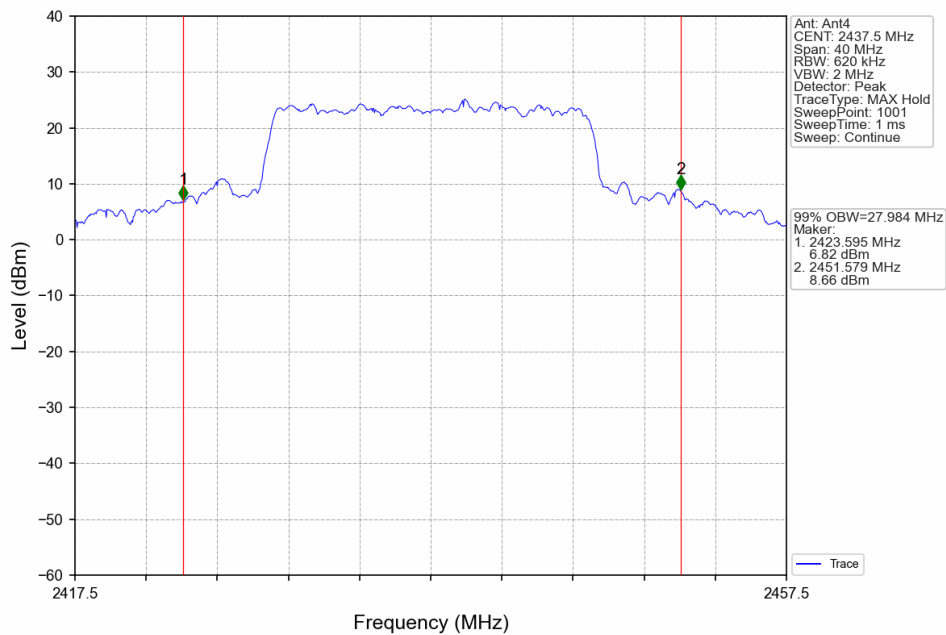
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20M\_LCH\_2412.5MHz\_Ant4\_NTNV



20M\_MCH\_2437.5MHz\_Ant4\_NTNV

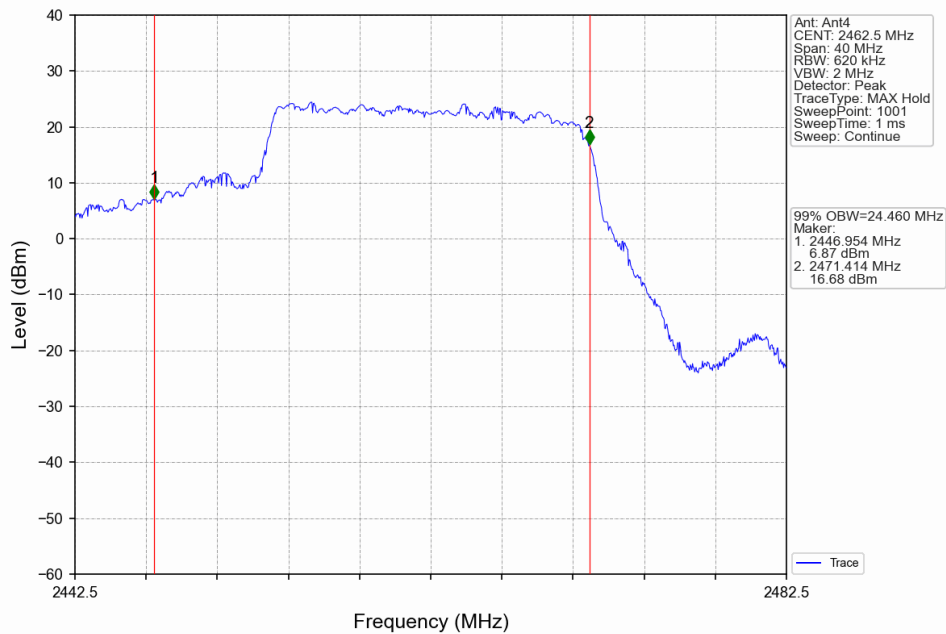


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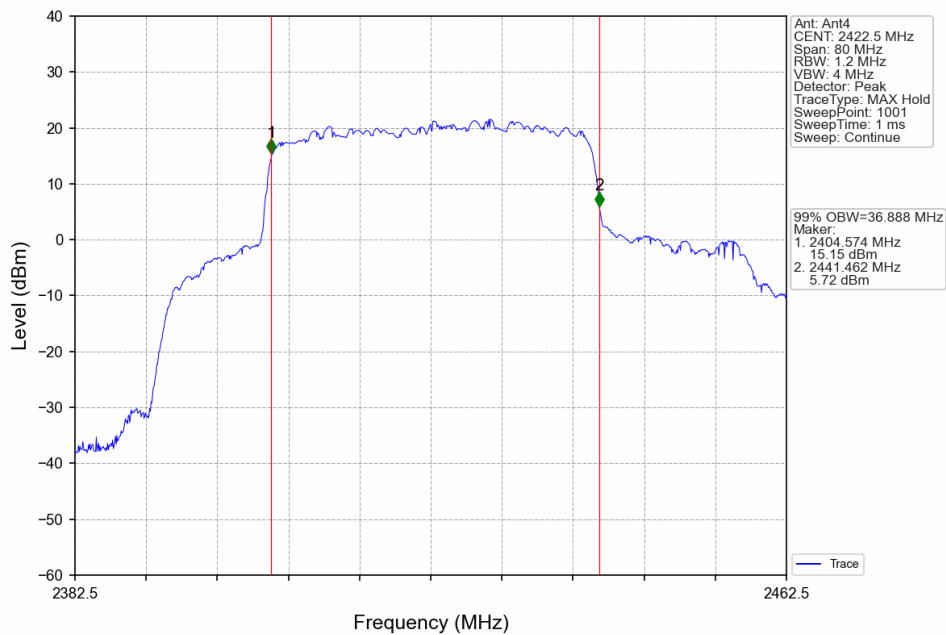
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### 40M\_LCH\_2422.5MHz\_Ant4\_NTNV



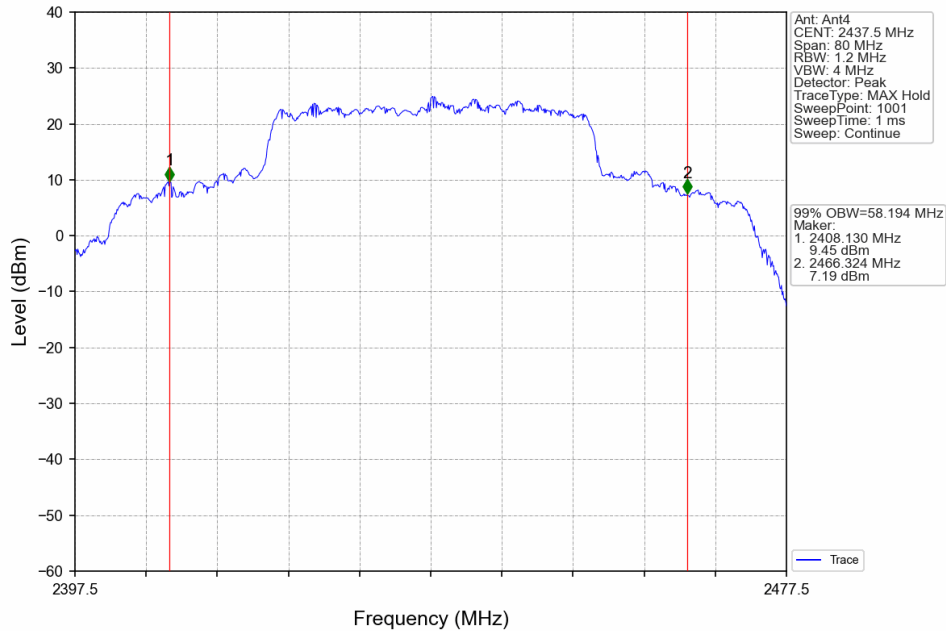
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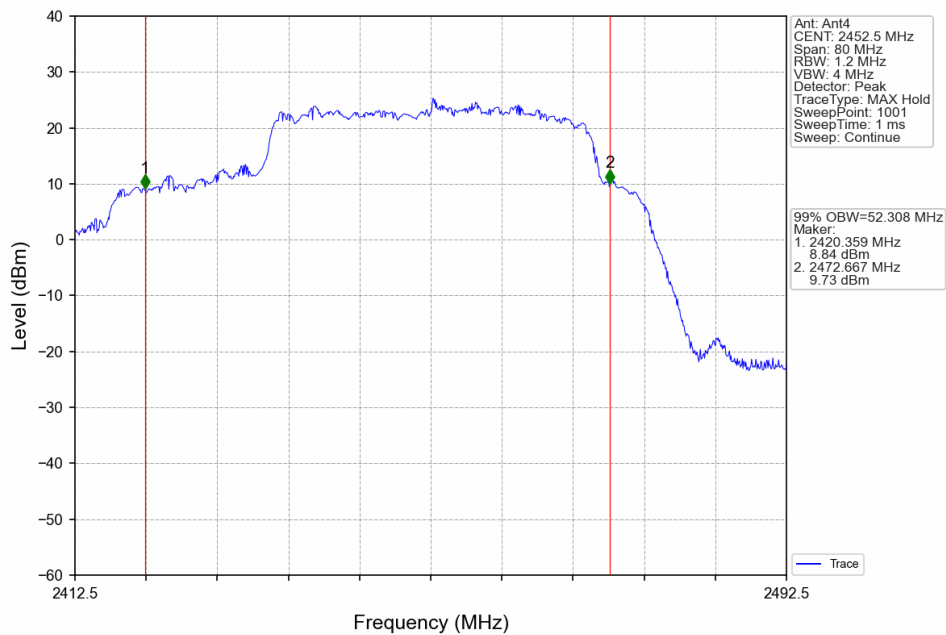
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### 40M\_HCH\_2452.5MHz\_Ant4\_NTNV



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

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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	SISO	2403.5	4	1.114	$\geq 0.5$	Pass
		2437.5	4	1.115	$\geq 0.5$	Pass
		2469.12	4	1.113	$\geq 0.5$	Pass
3M	SISO	2405.5	4	2.236	$\geq 0.5$	Pass
		2438.5	4	2.225	$\geq 0.5$	Pass
		2468.2	4	2.236	$\geq 0.5$	Pass
5M	SISO	2404.5	4	4.356	$\geq 0.5$	Pass
		2439.5	4	4.359	$\geq 0.5$	Pass
		2469.5	4	4.352	$\geq 0.5$	Pass
10M	SISO	2407.5	4	9.039	$\geq 0.5$	Pass
		2437.5	4	9.034	$\geq 0.5$	Pass
		2467.5	4	6.641	$\geq 0.5$	Pass
20M	SISO	2412.5	4	17.988	$\geq 0.5$	Pass
		2437.5	4	18.027	$\geq 0.5$	Pass
		2462.5	4	17.636	$\geq 0.5$	Pass
40M	SISO	2422.5	4	35.951	$\geq 0.5$	Pass
		2437.5	4	36.052	$\geq 0.5$	Pass
		2452.5	4	36.029	$\geq 0.5$	Pass

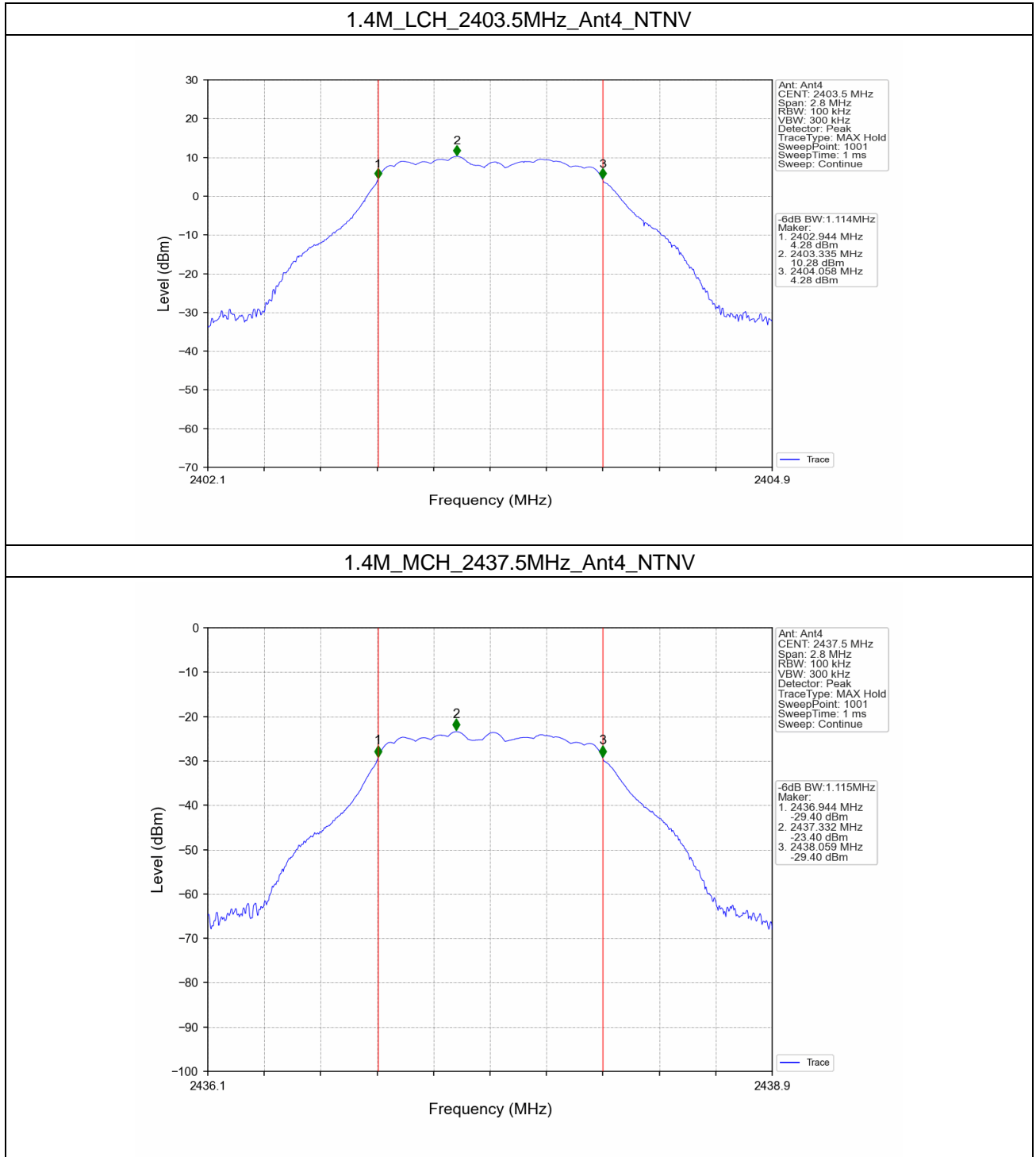


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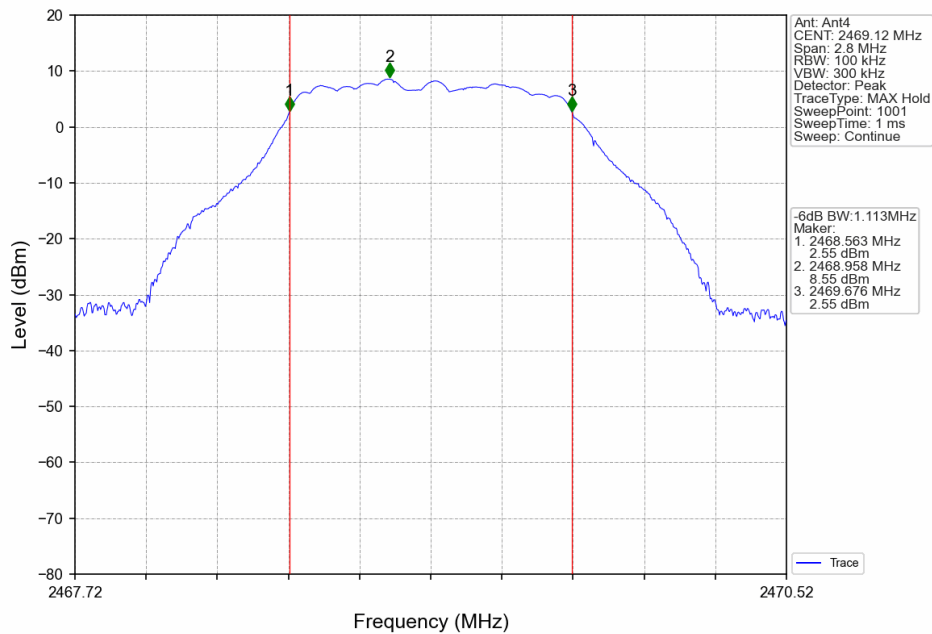
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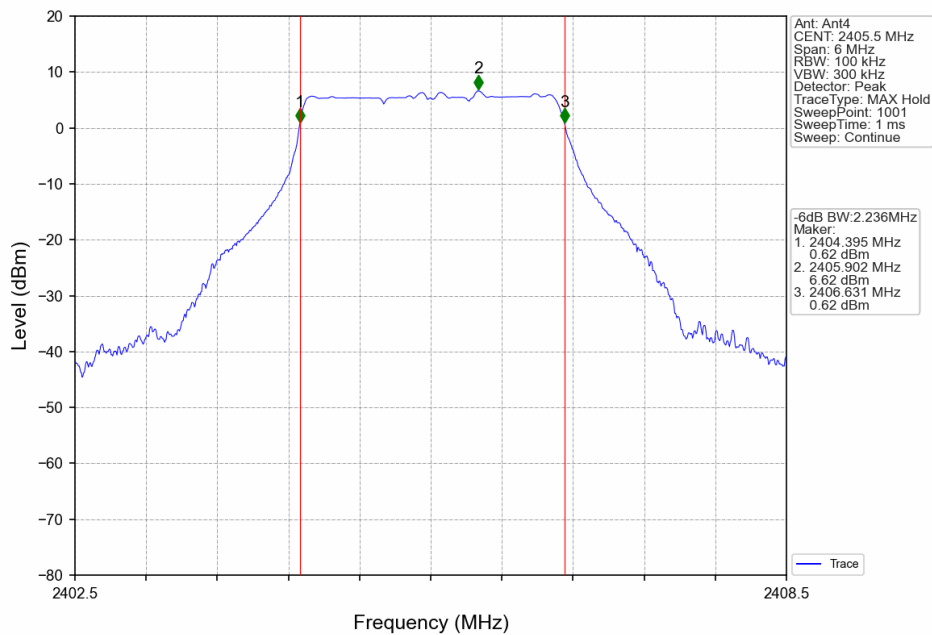
### 2.2.2 Test Graph



1.4M\_HCH\_2469.12MHz\_Ant4\_NTNV

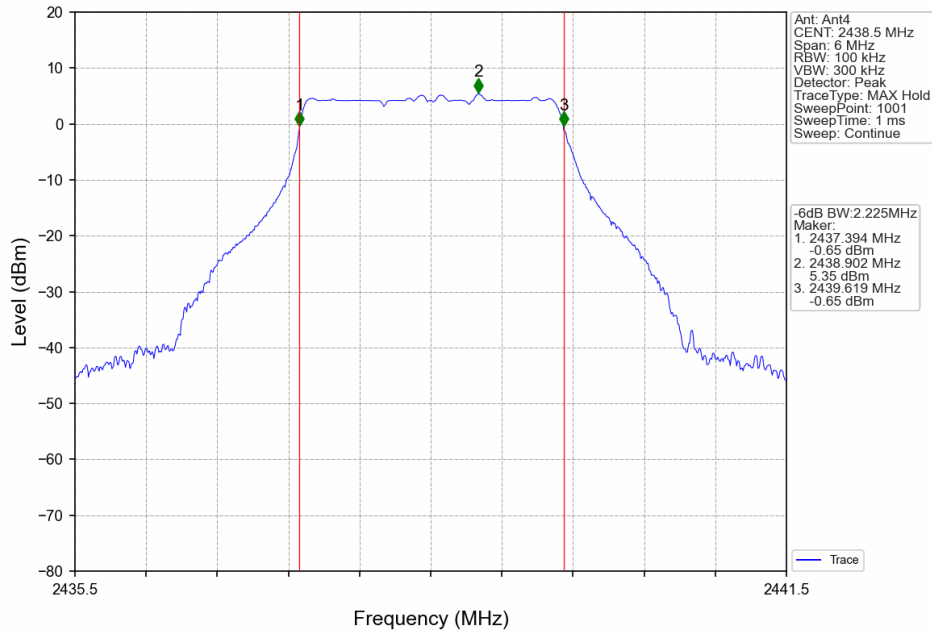


3M\_LCH\_2405.5MHz\_Ant4\_NTNV

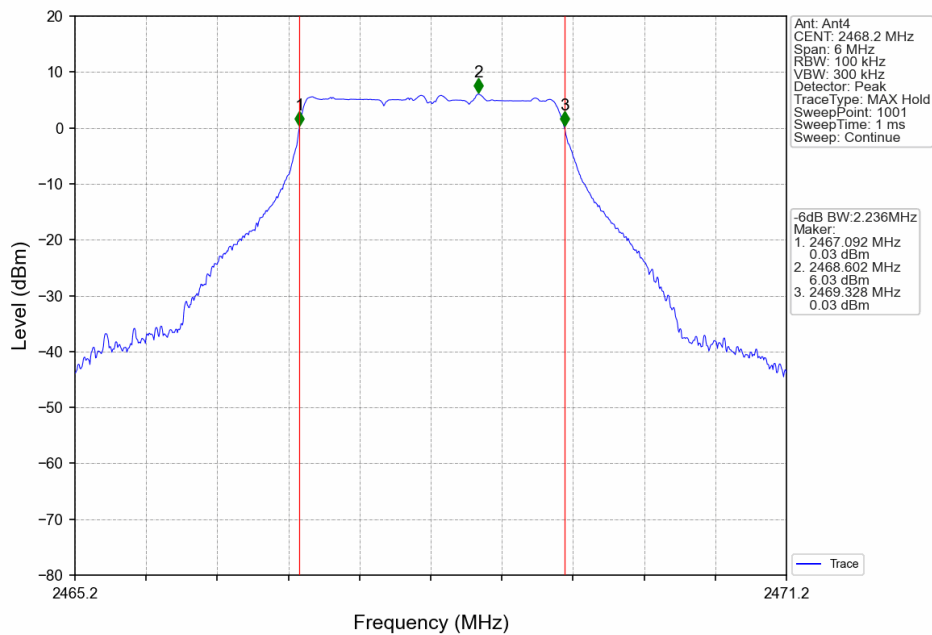




### 3M\_MCH\_2438.5MHz\_Ant4\_NTNV



### 3M\_HCH\_2468.2MHz\_Ant4\_NTNV



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