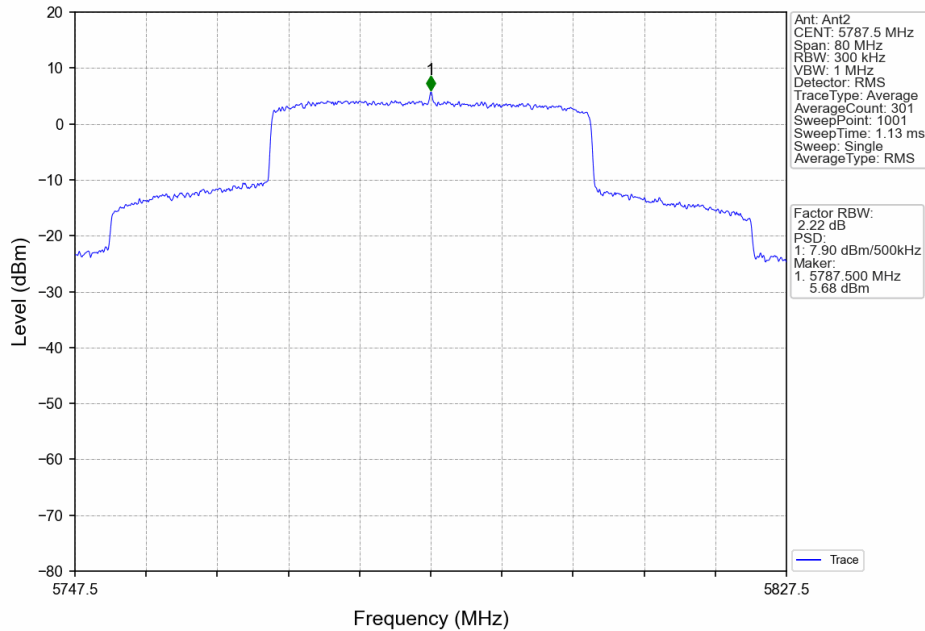
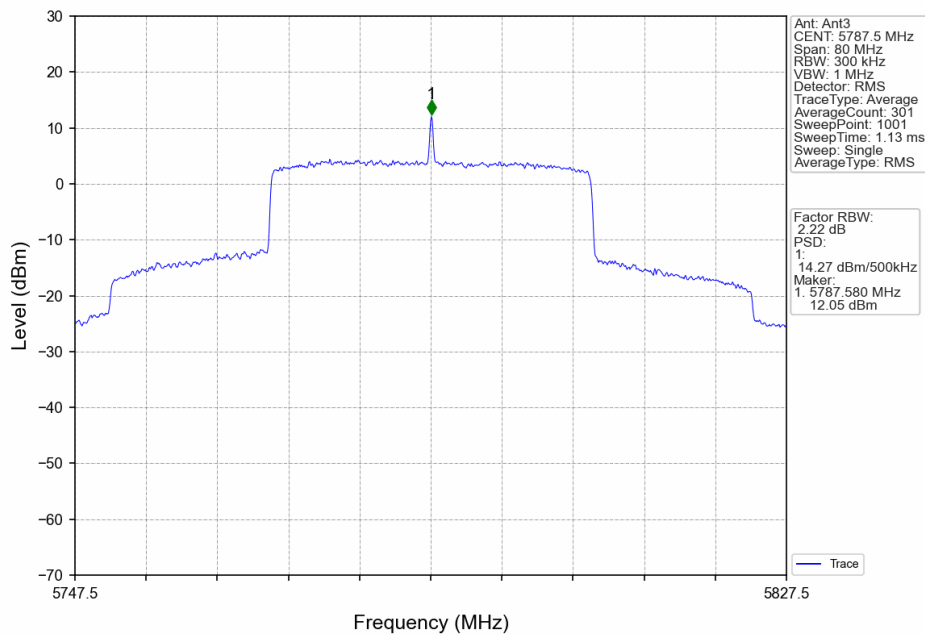


40M\_MCH\_5787.5MHz\_Ant2\_NTNV



40M\_MCH\_5787.5MHz\_Ant3\_NTNV



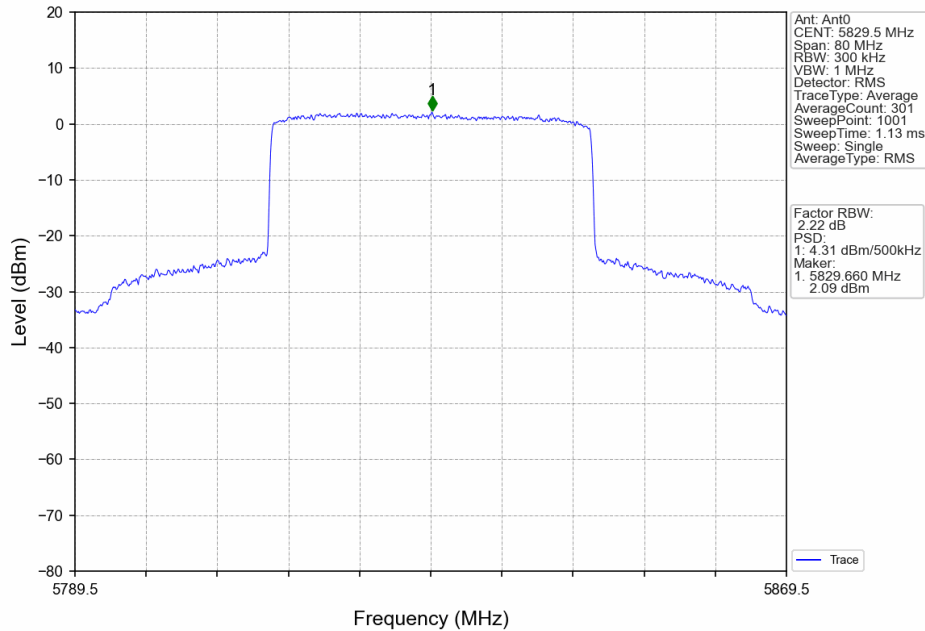
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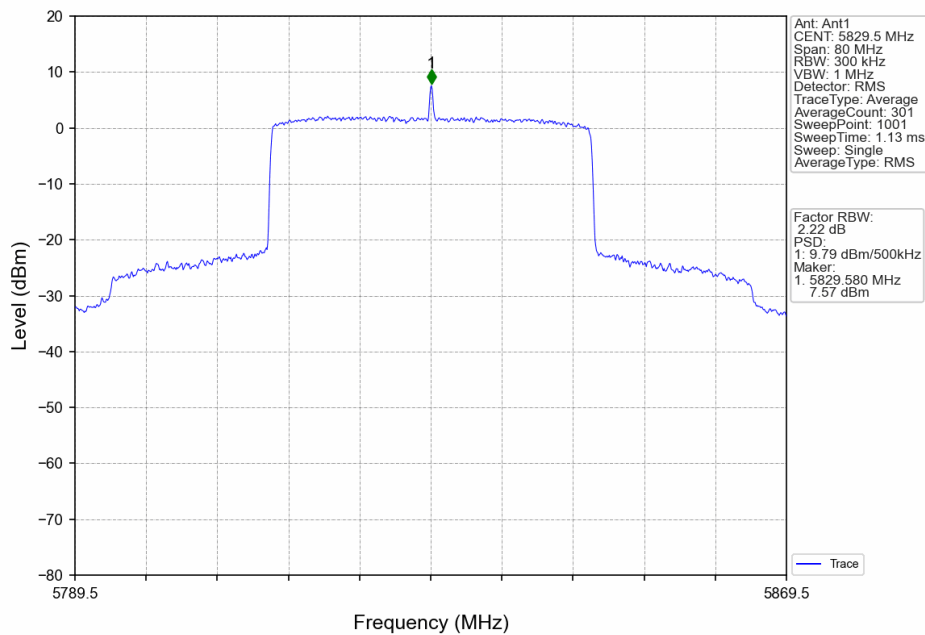
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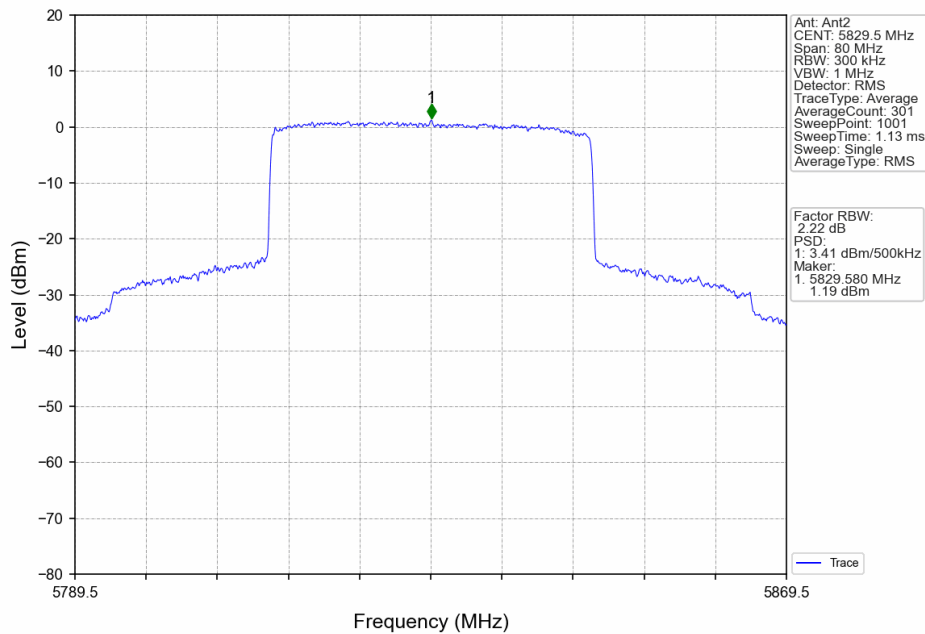
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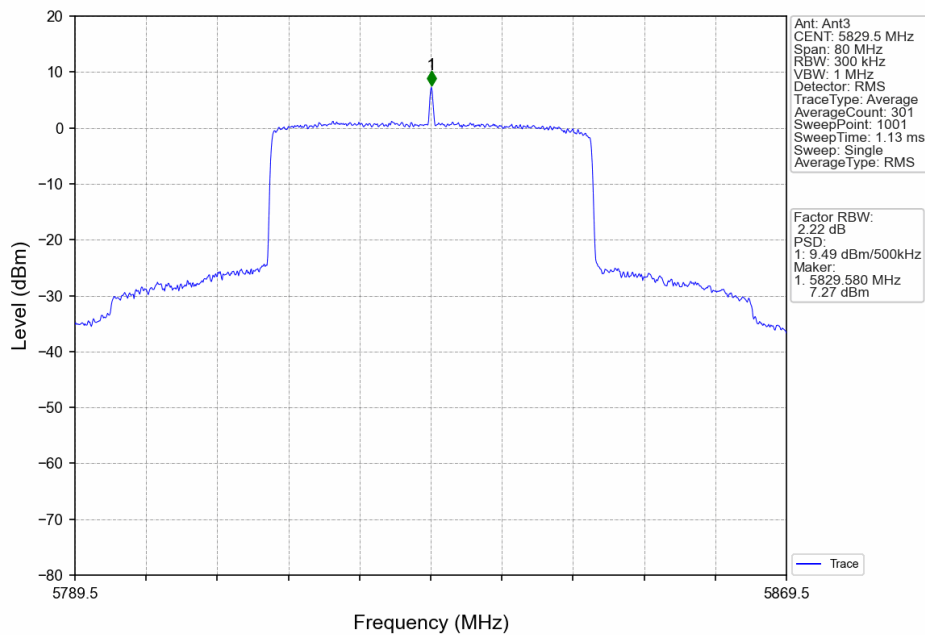
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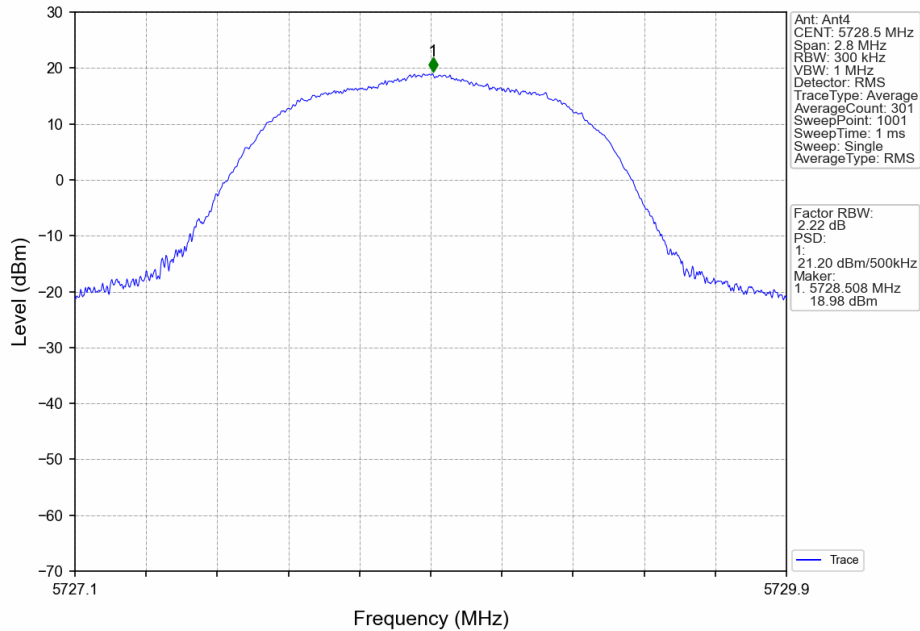
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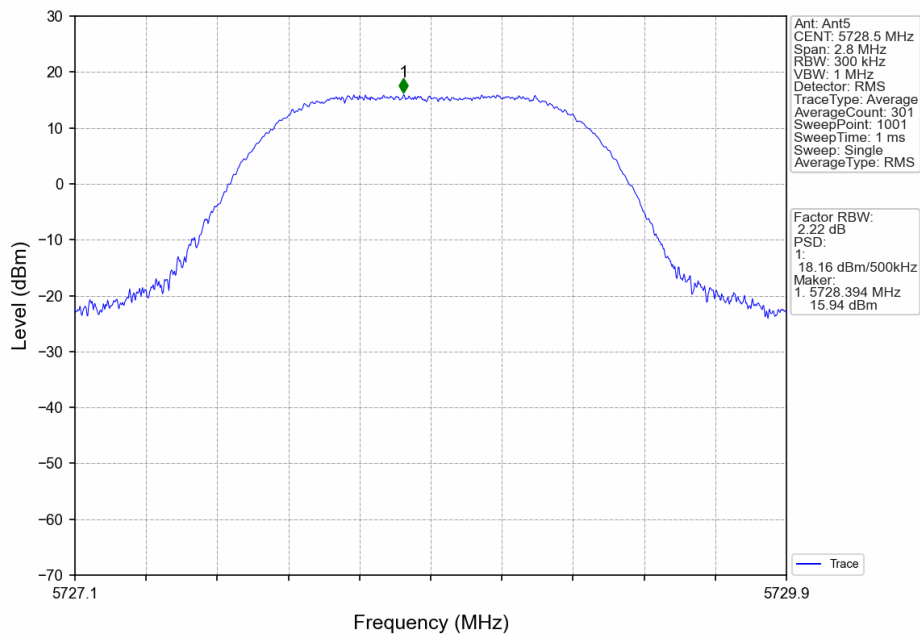
40M\_HCH\_5829.5MHz\_Ant3\_NTNV



1.4M\_LCH\_5728.5MHz\_Ant4\_NTNV



1.4M\_LCH\_5728.5MHz\_Ant5\_NTNV



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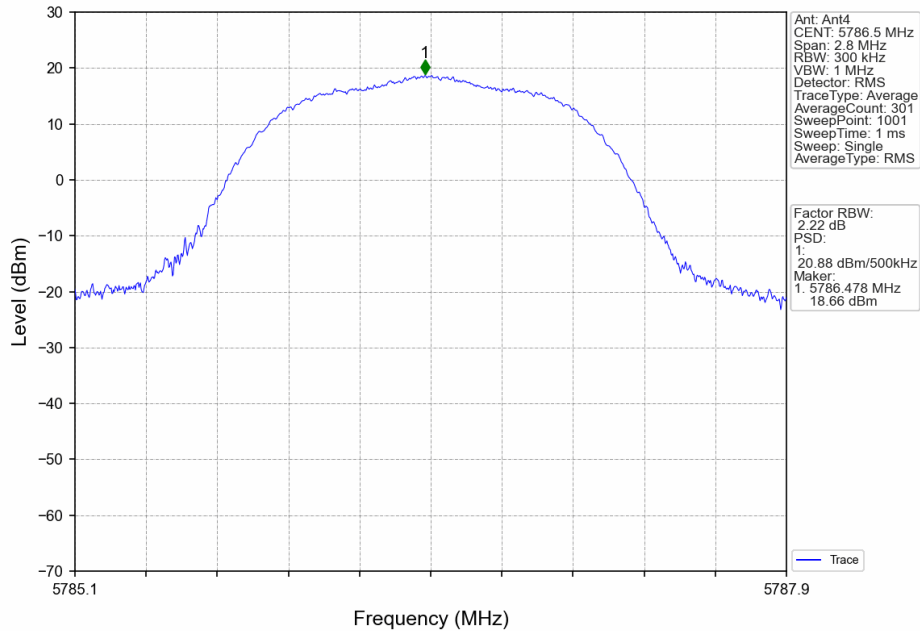
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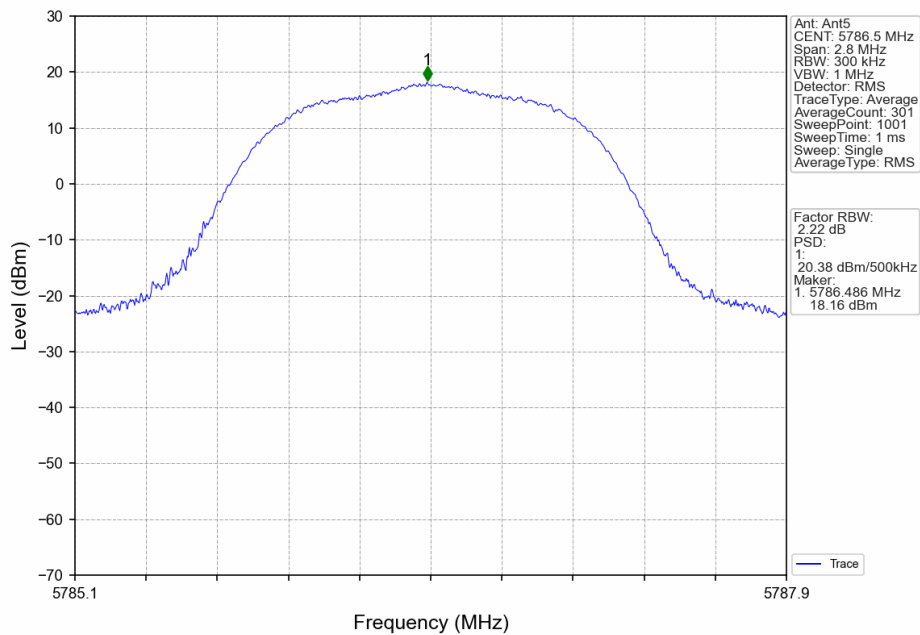
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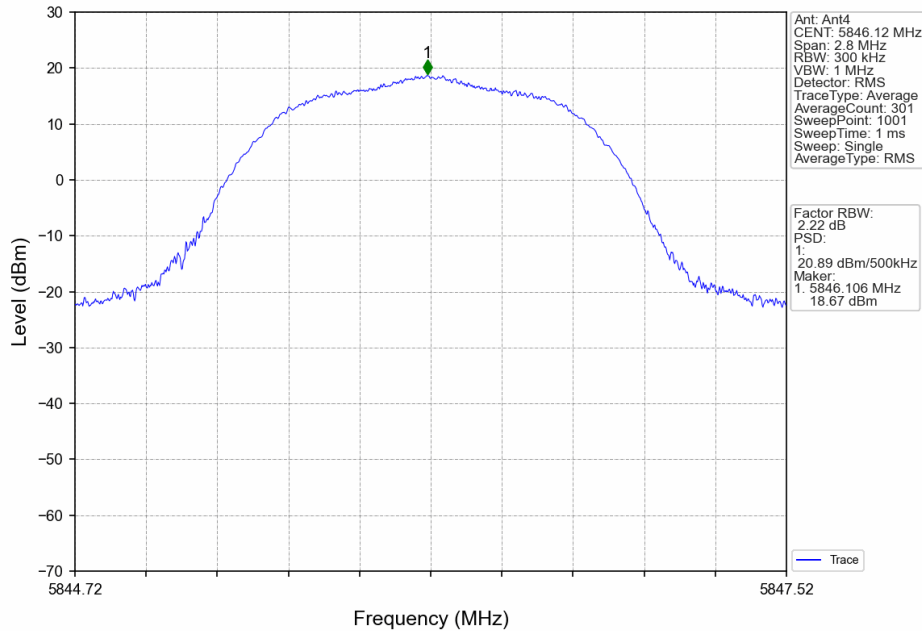
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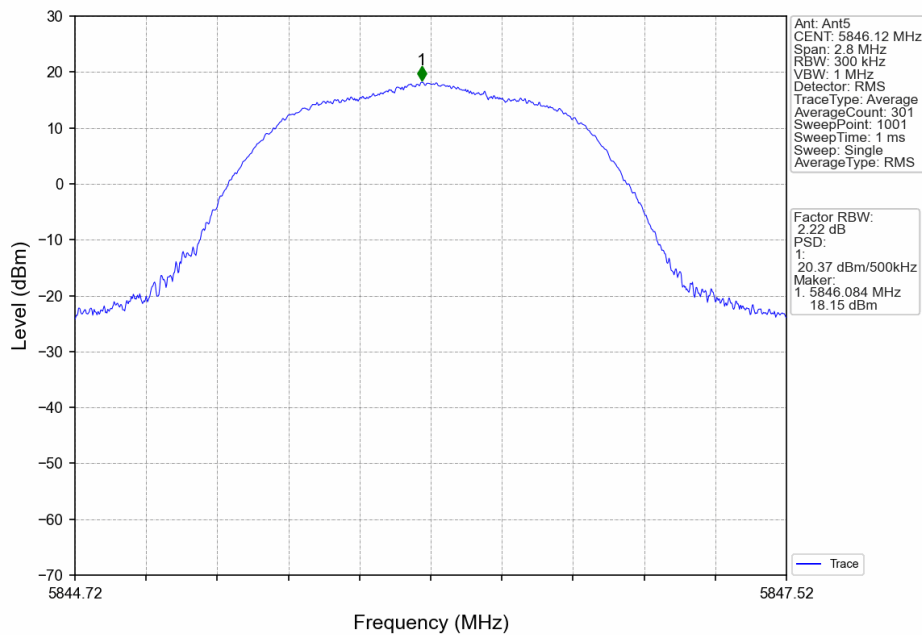
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1.4M\_HCH\_5846.12MHz\_Ant4\_NTNV



1.4M\_HCH\_5846.12MHz\_Ant5\_NTNV



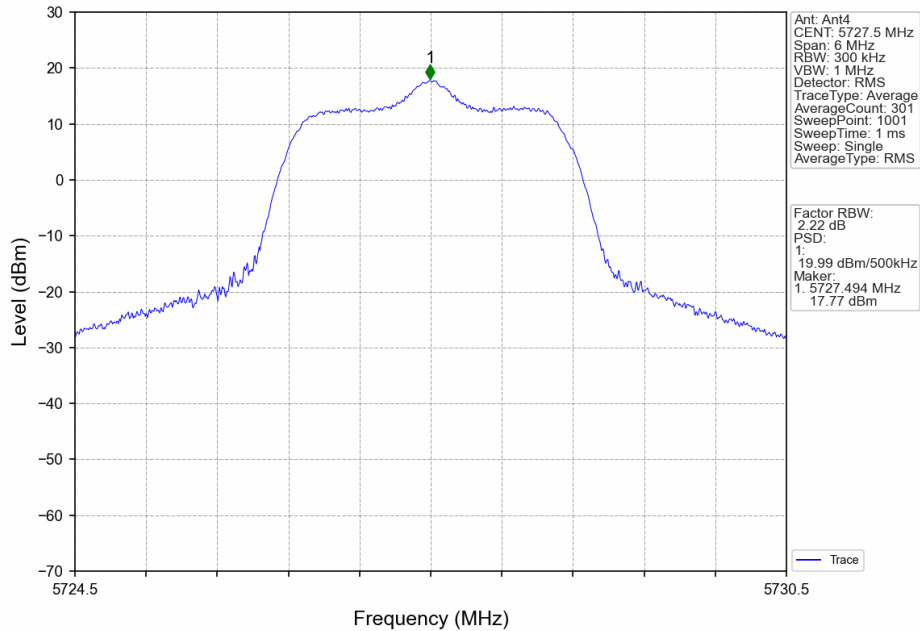
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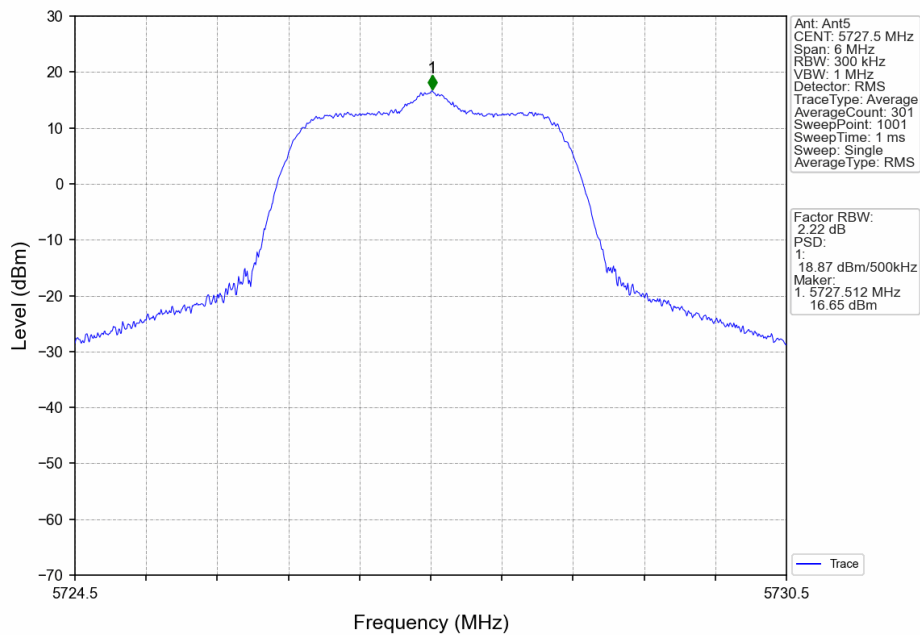
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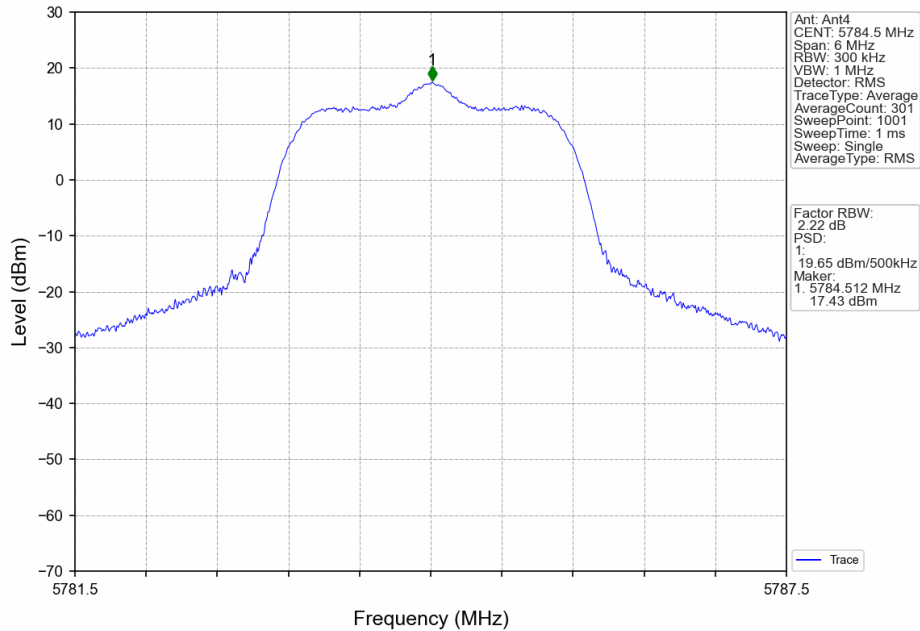
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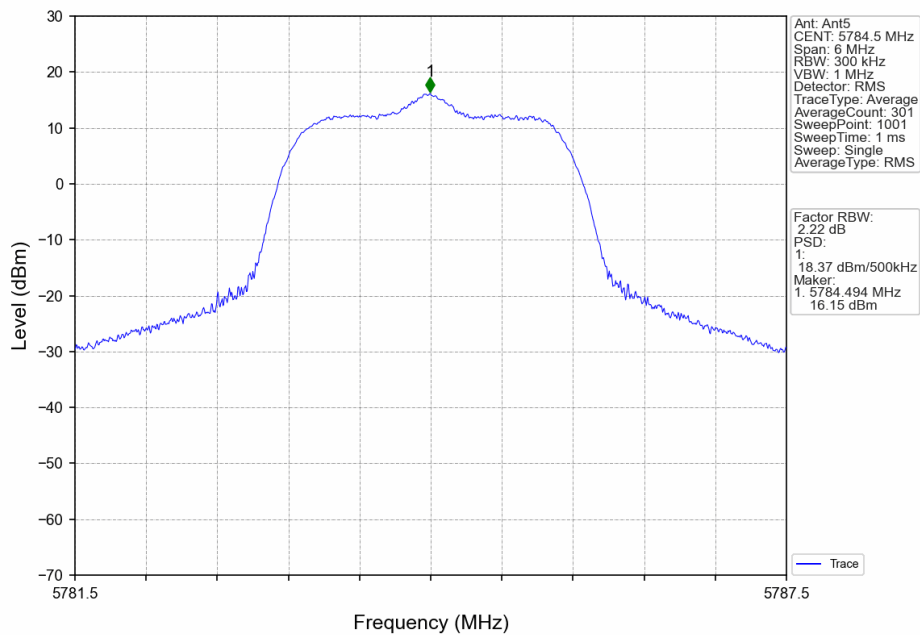
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3M\_MCH\_5784.5MHz\_Ant4\_NTNV



3M\_MCH\_5784.5MHz\_Ant5\_NTNV

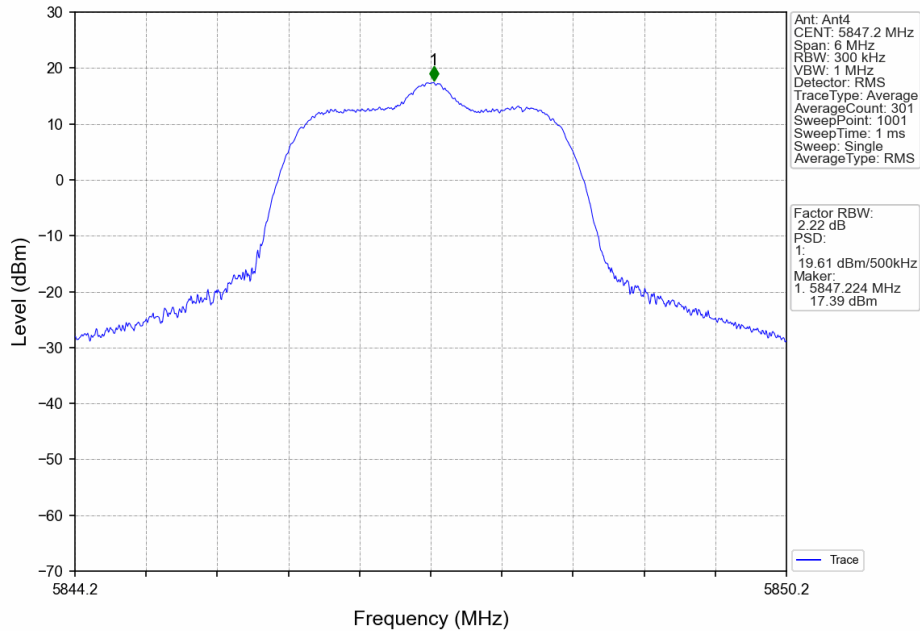


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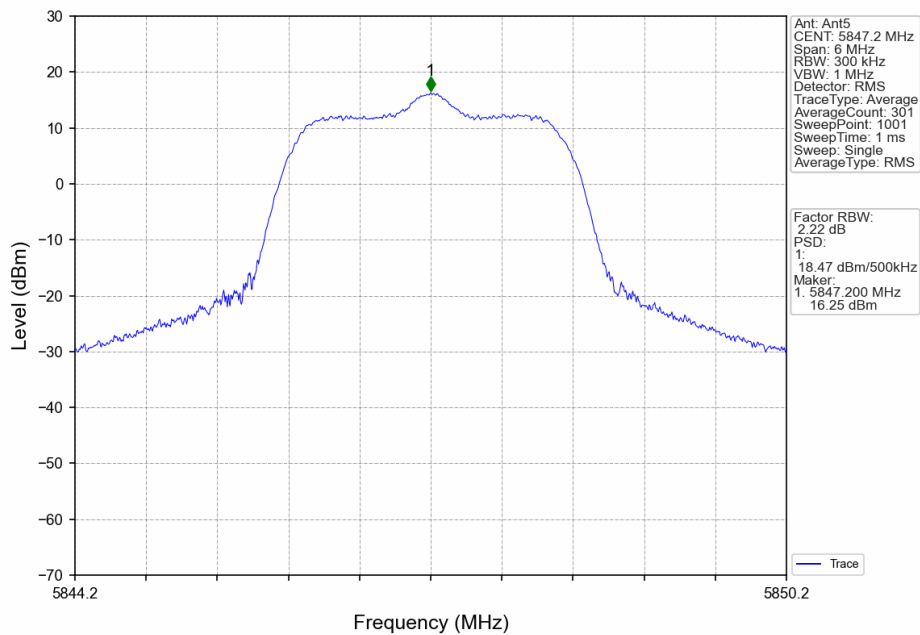
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3M\_HCH\_5847.2MHz\_Ant4\_NTNV



3M\_HCH\_5847.2MHz\_Ant5\_NTNV



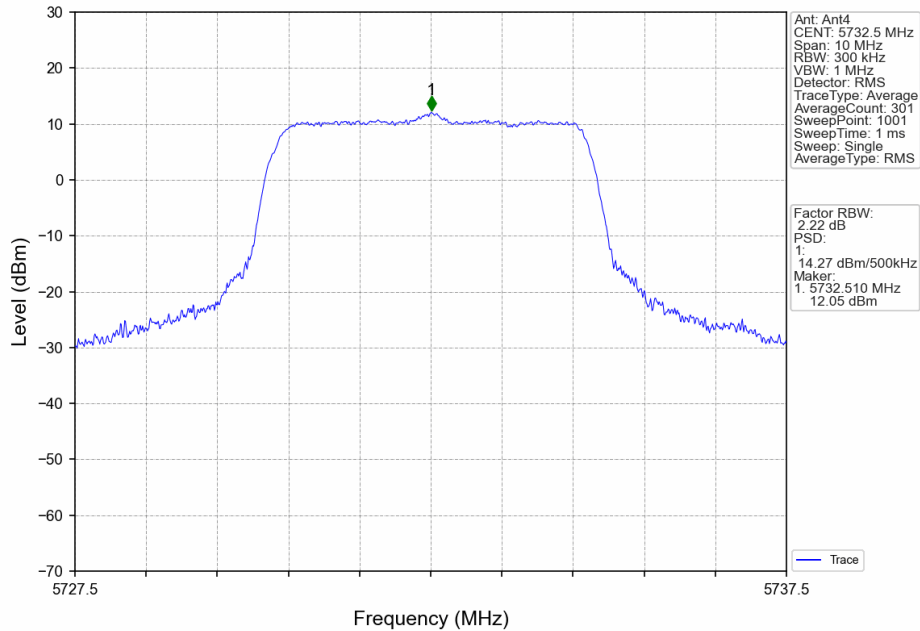
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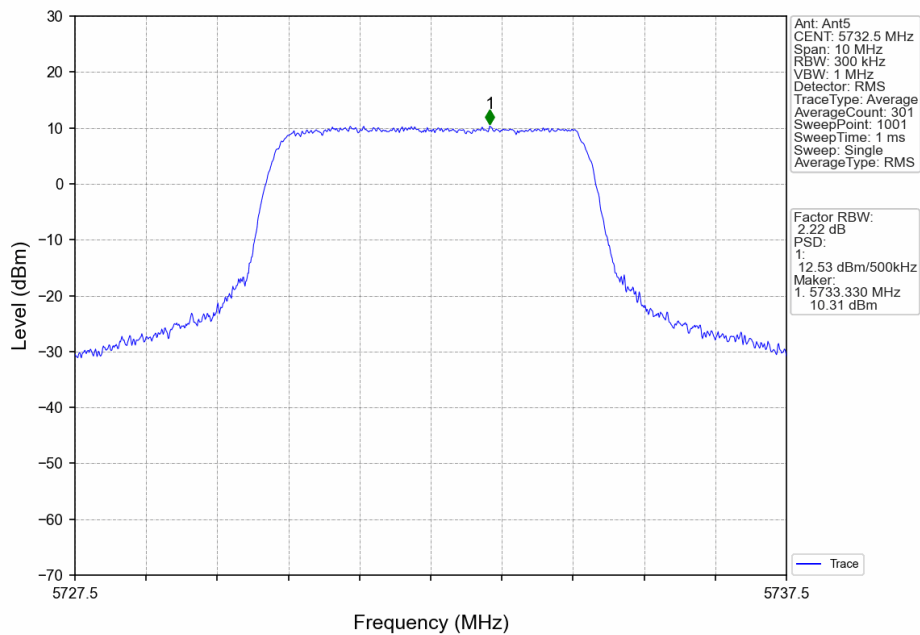
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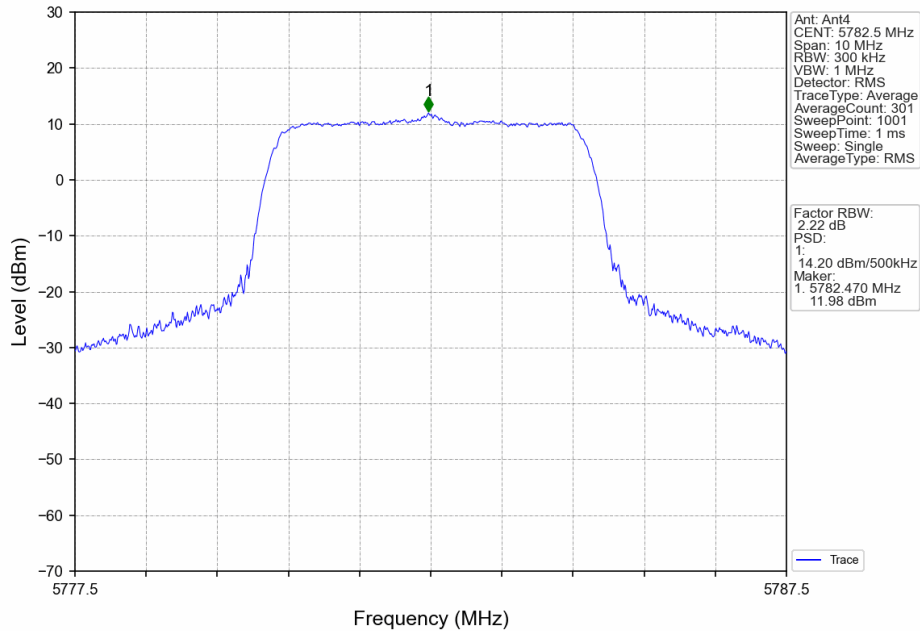
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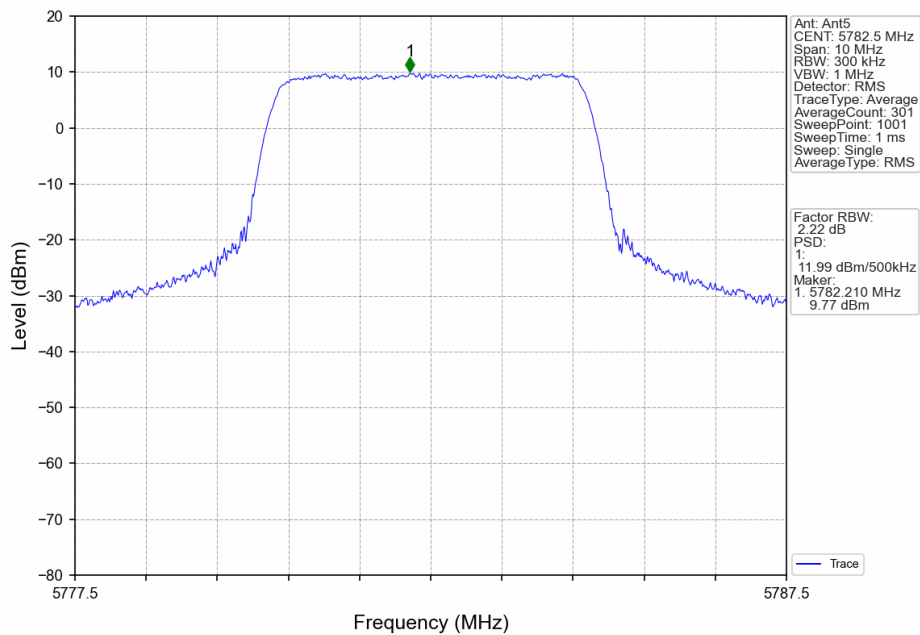
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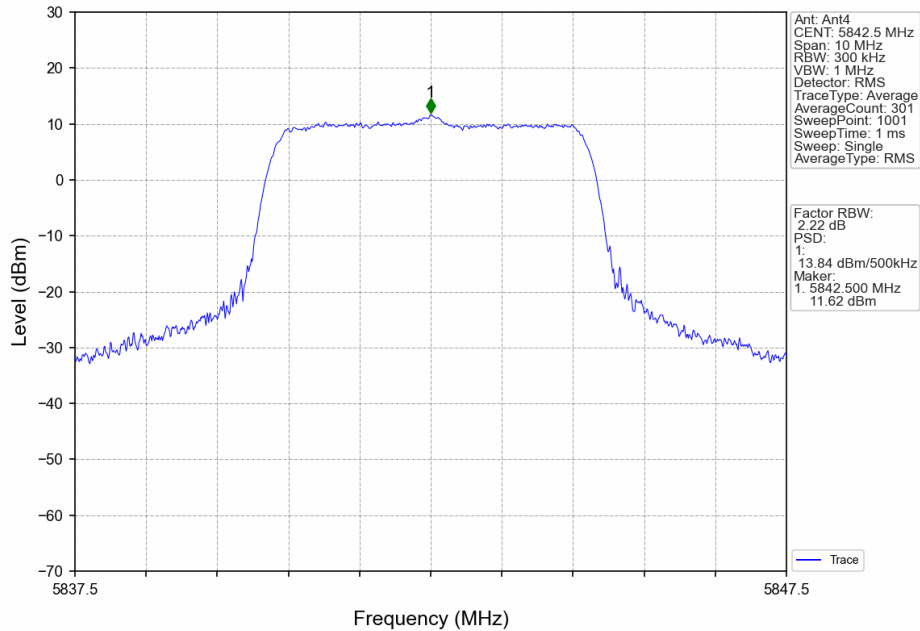
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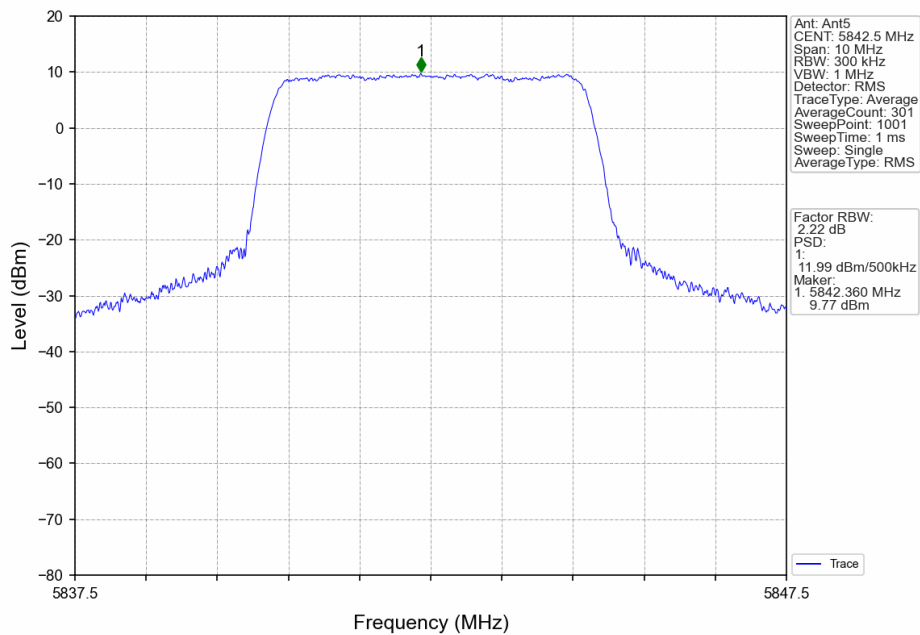
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5M\_HCH\_5842.5MHz\_Ant4\_NTNV



5M\_HCH\_5842.5MHz\_Ant5\_NTNV

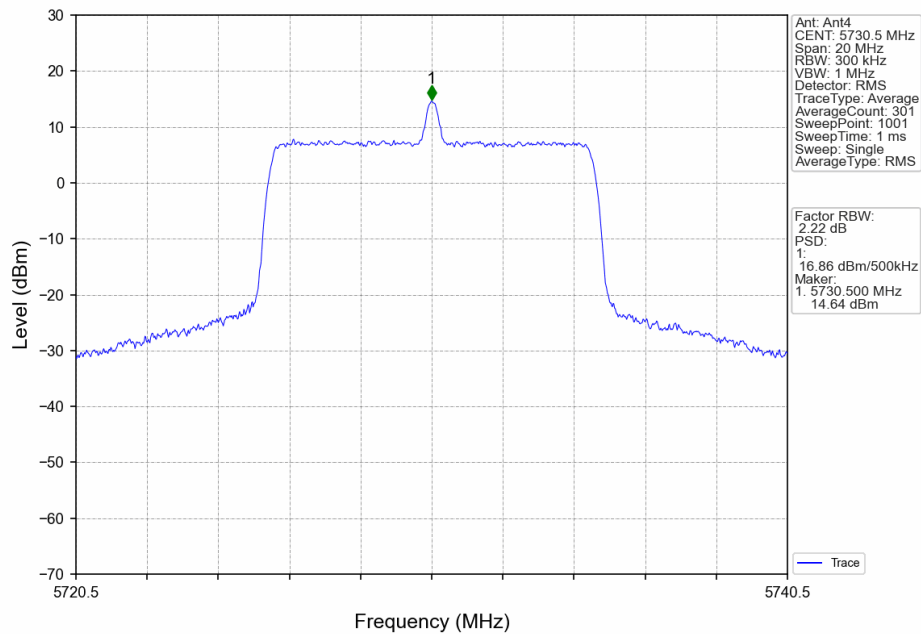


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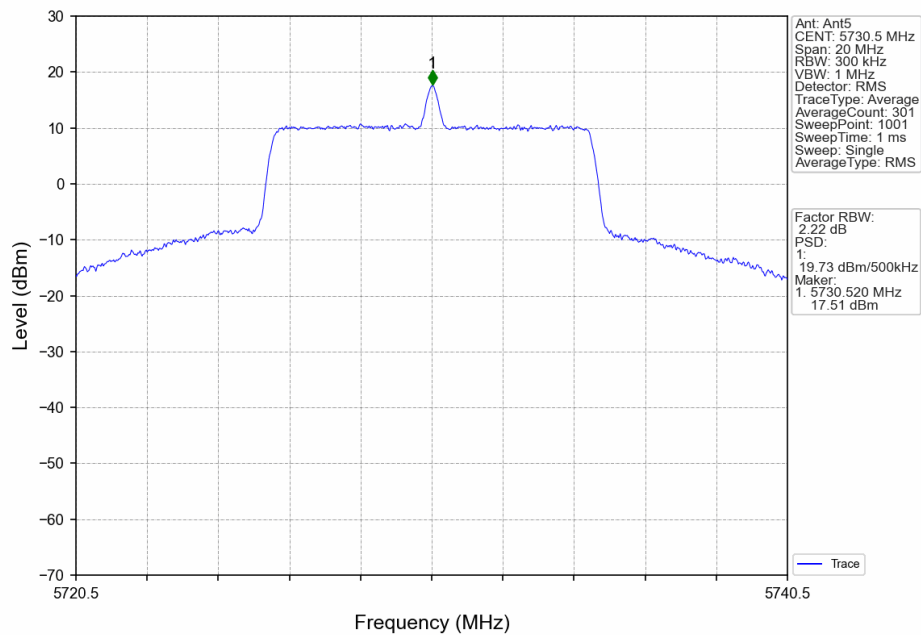
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10M\_LCH\_5730.5MHz\_Ant4\_NTNV



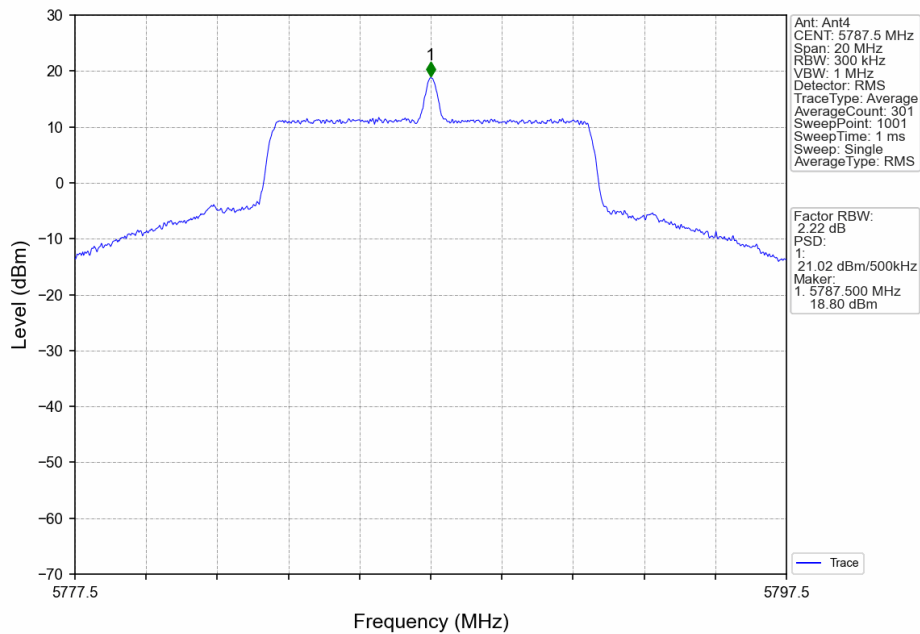
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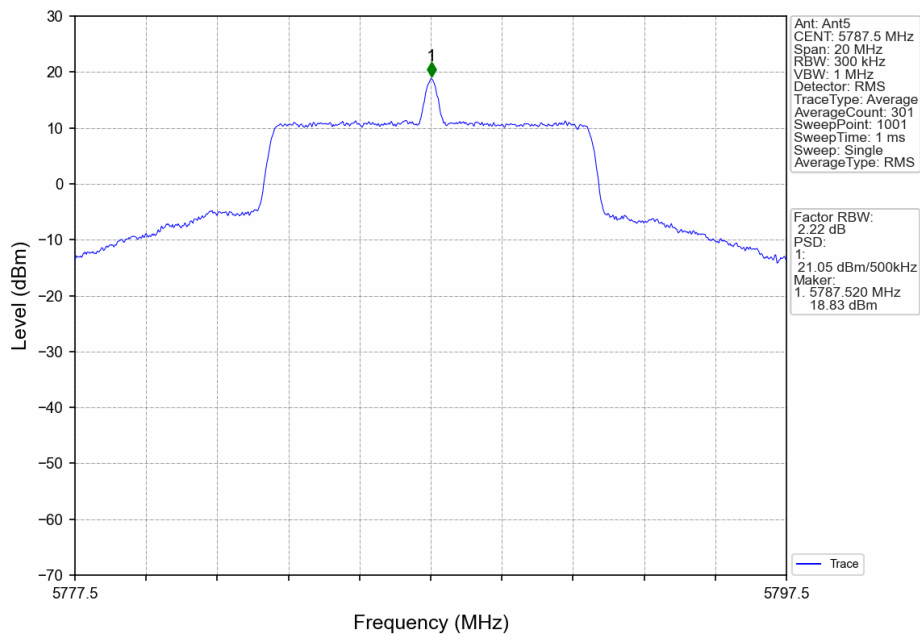
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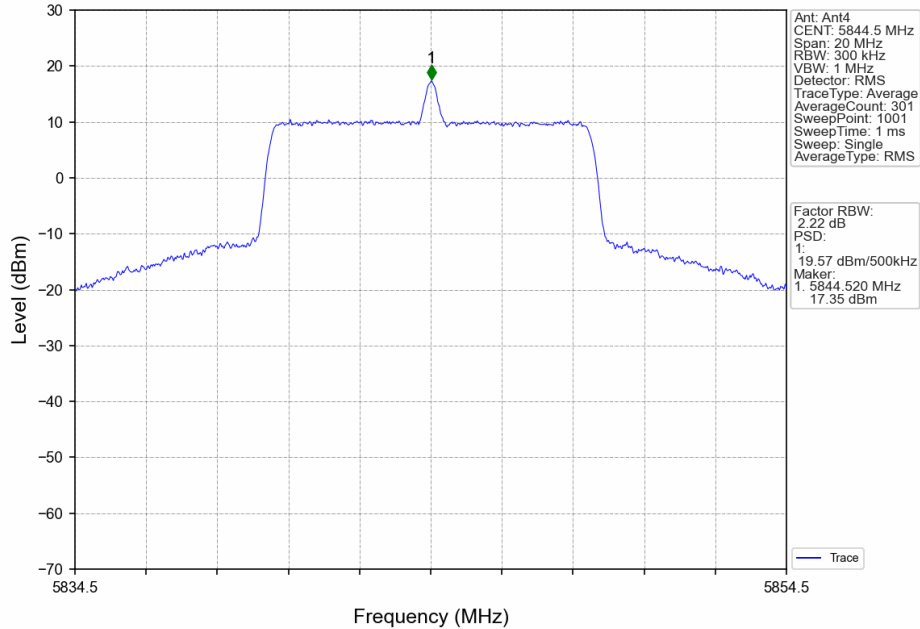
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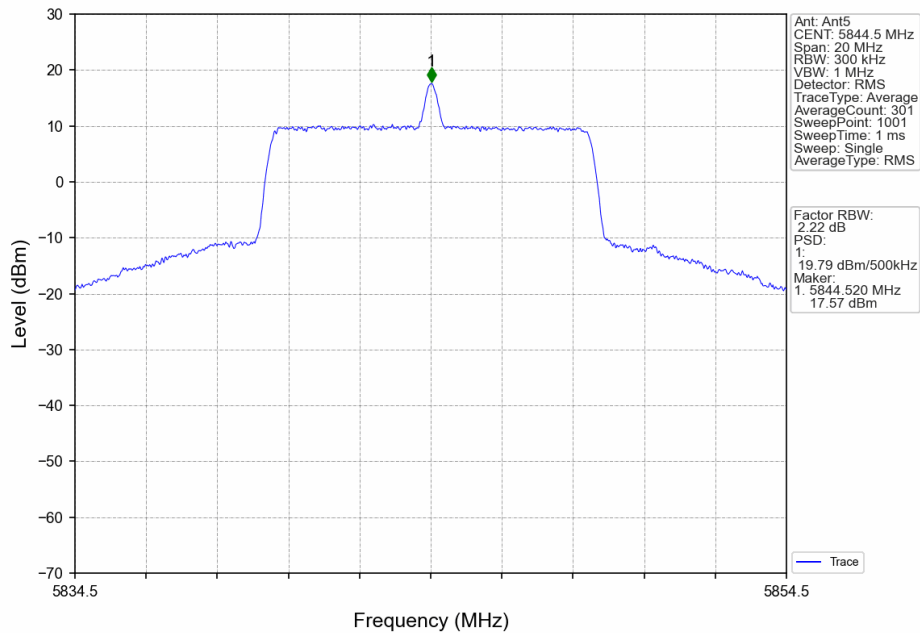
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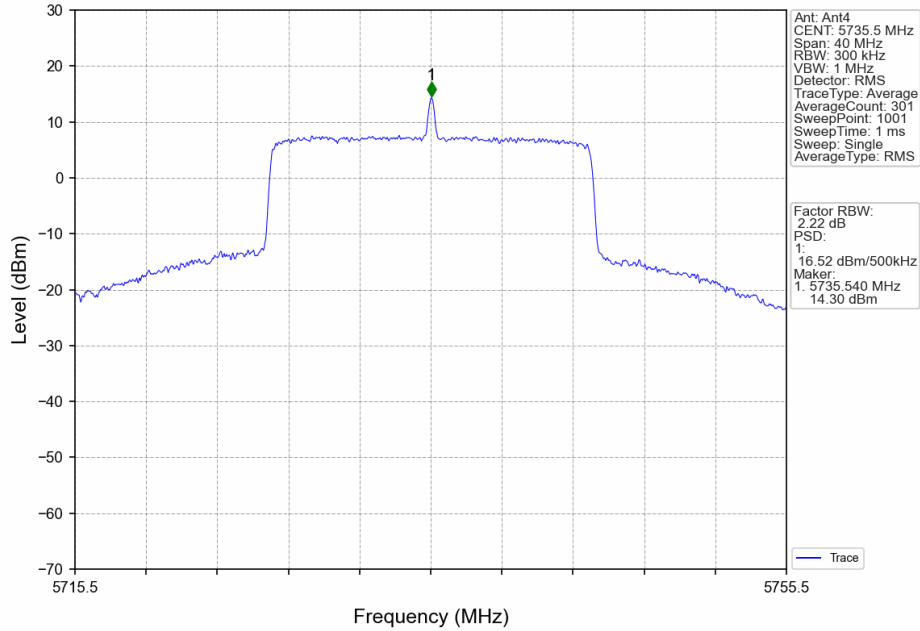
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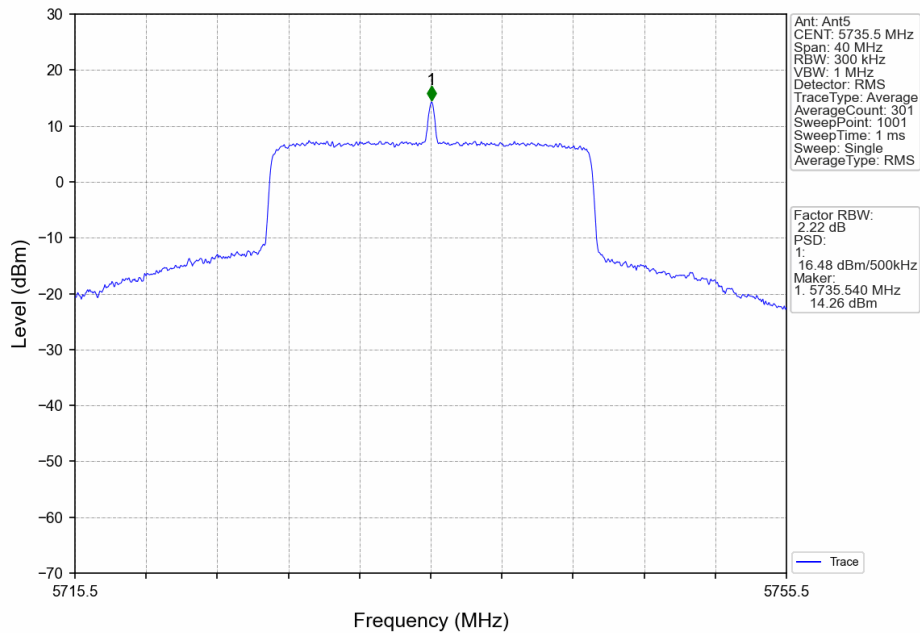
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20M\_LCH\_5735.5MHz\_Ant4\_NTNV



20M\_LCH\_5735.5MHz\_Ant5\_NTNV

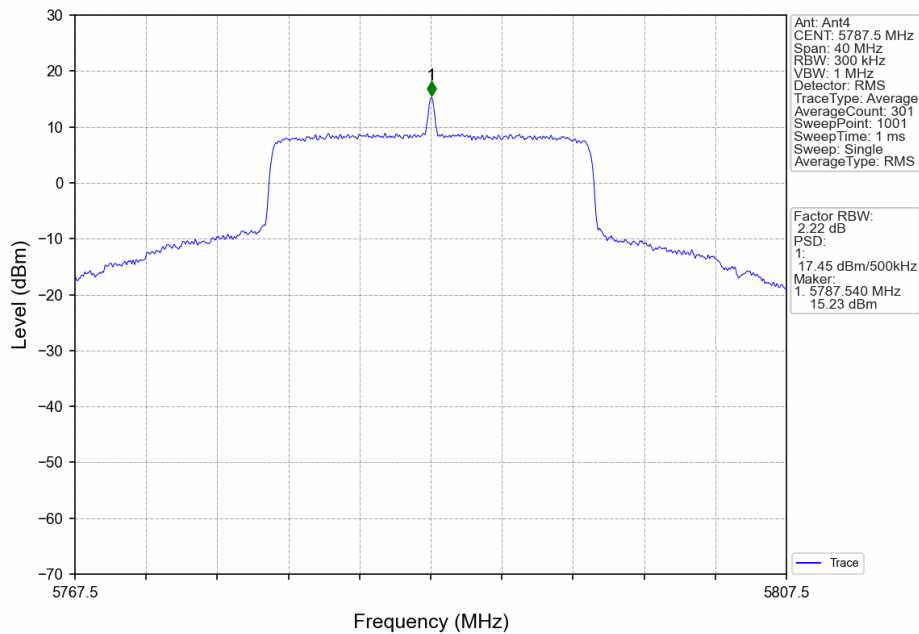


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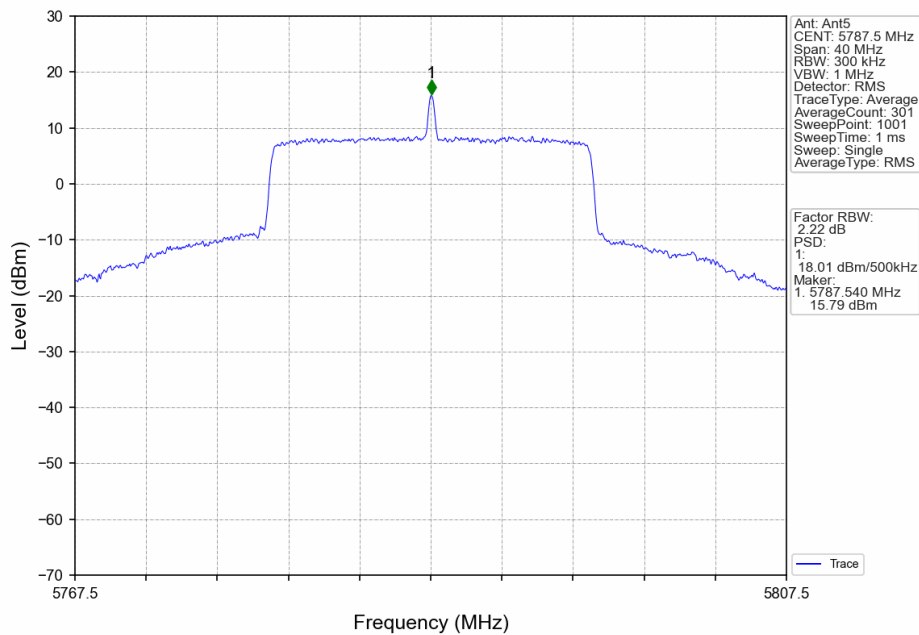
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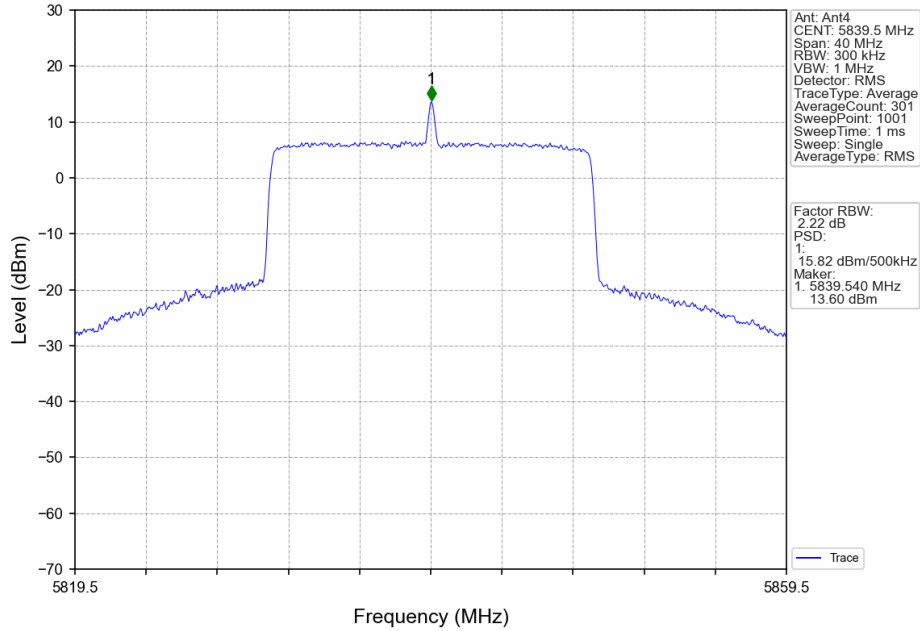
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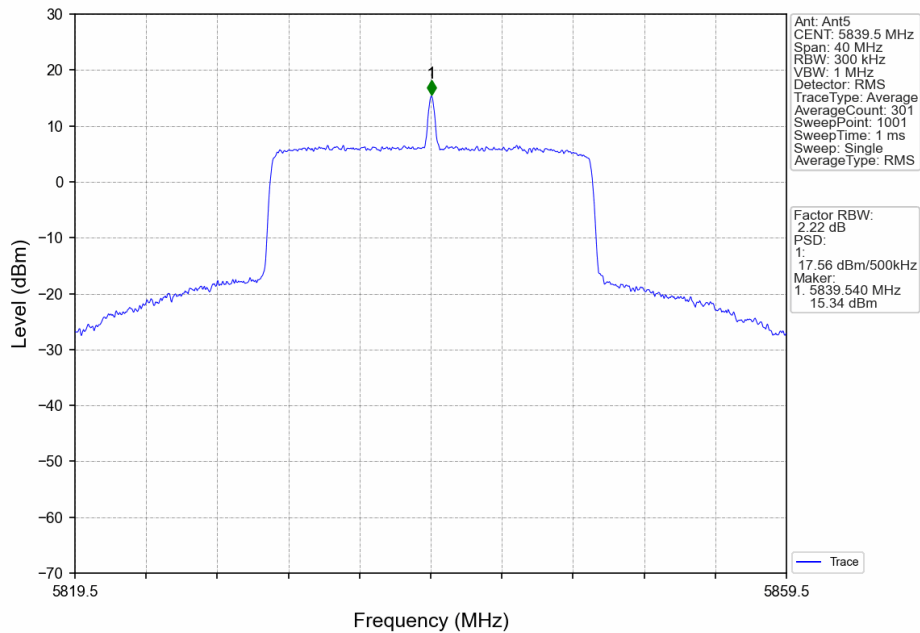
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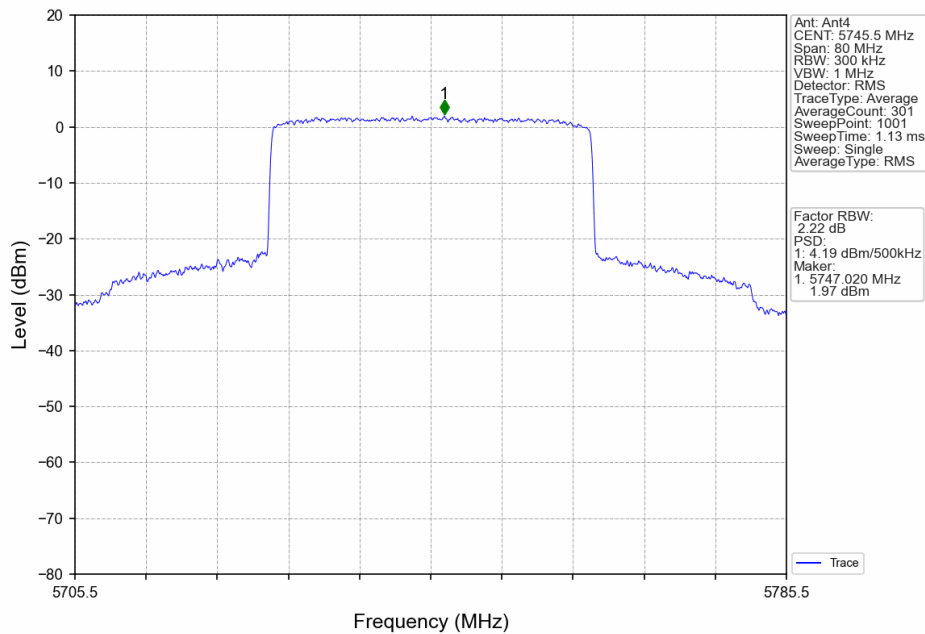
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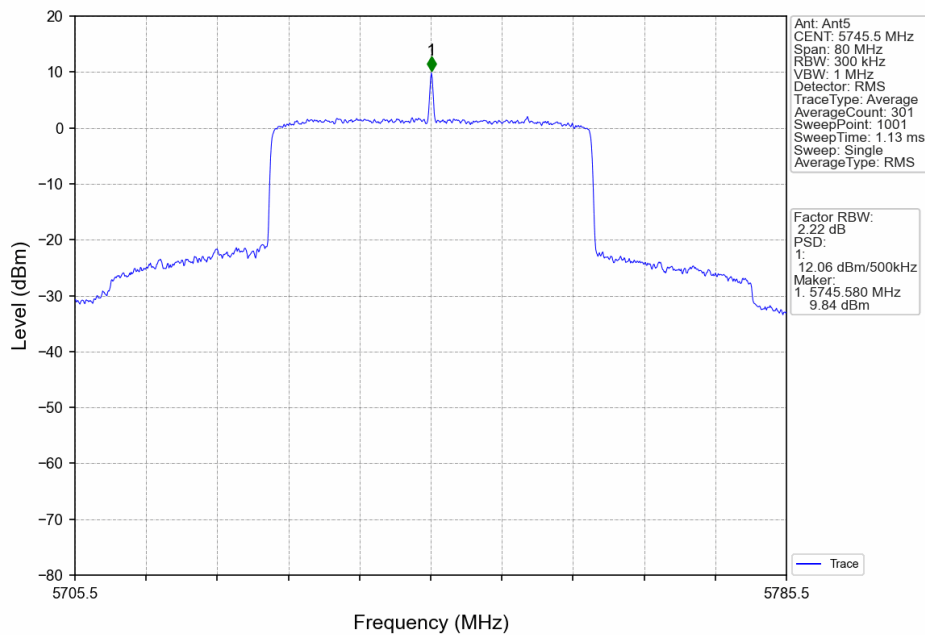
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40M\_LCH\_5745.5MHz\_Ant4\_NTNV



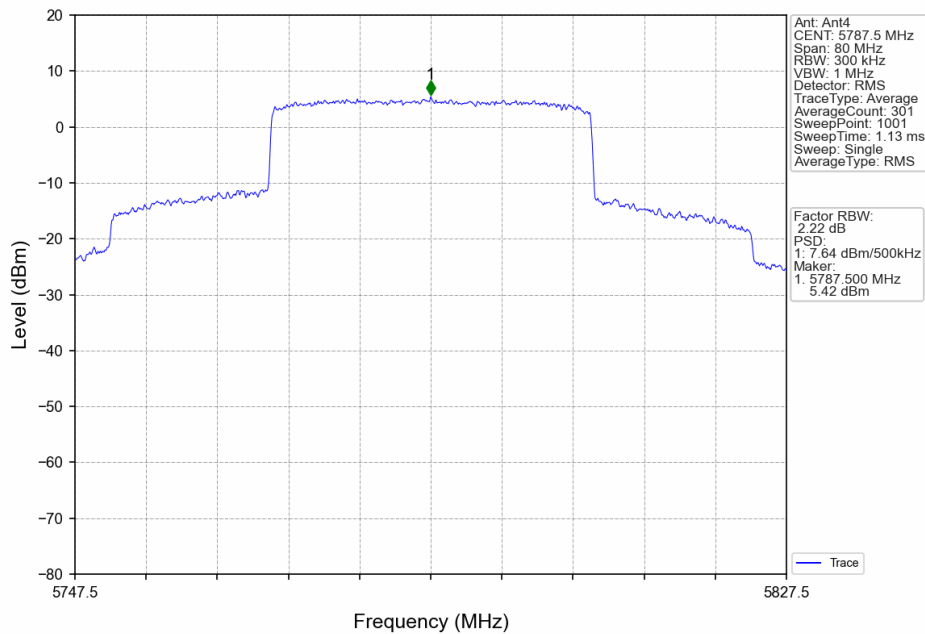
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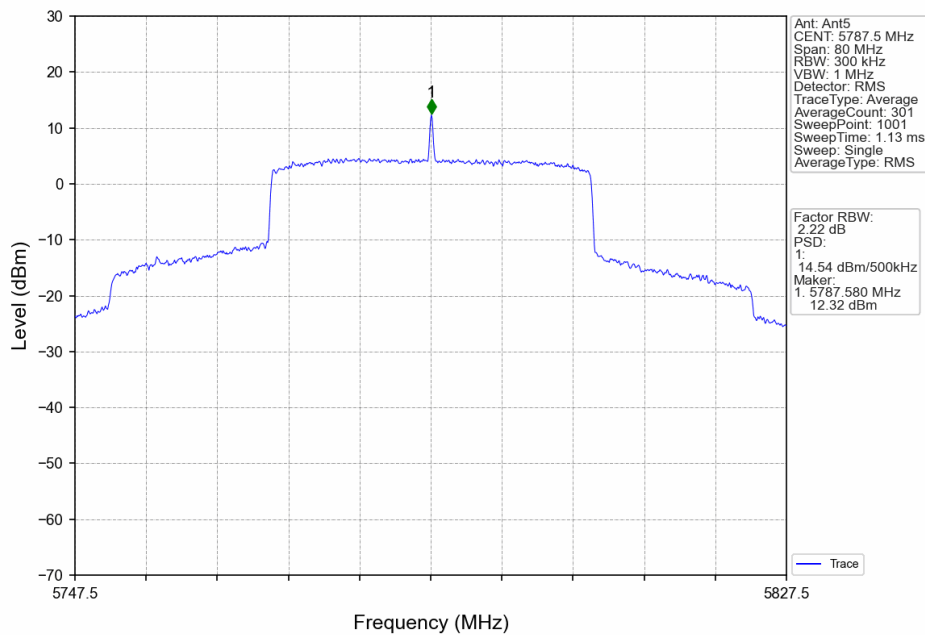
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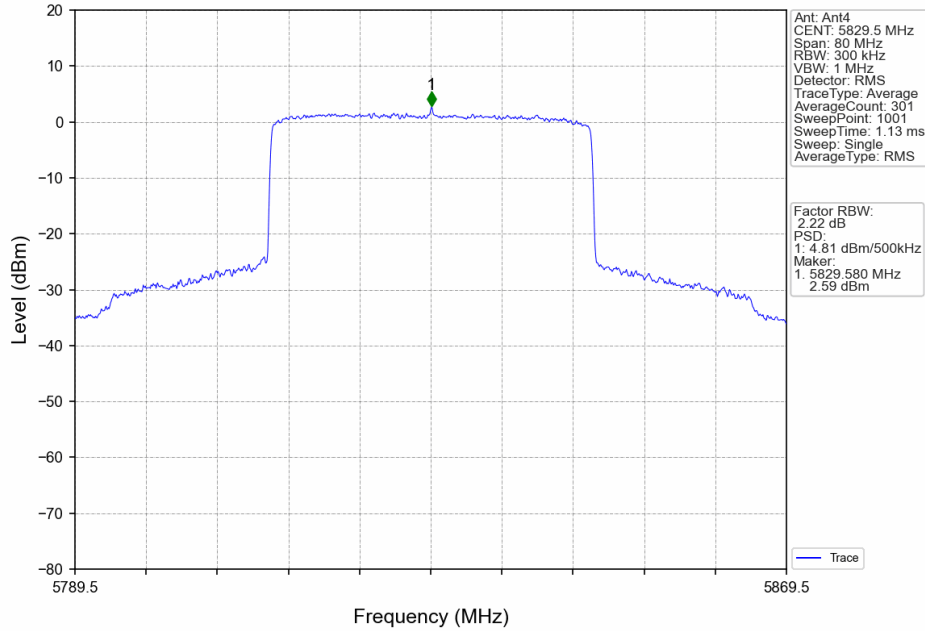


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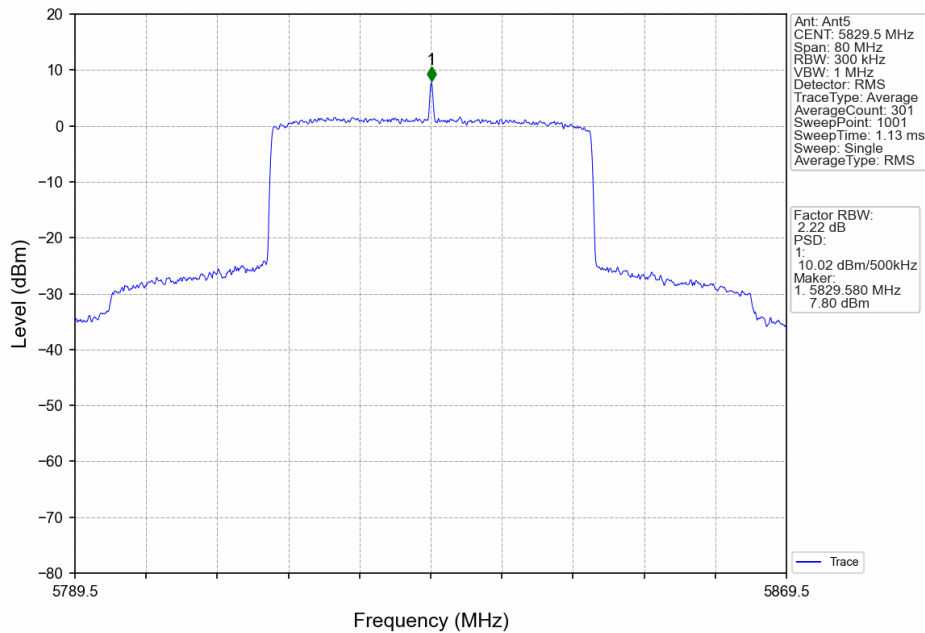




40M\_HCH\_5829.5MHz\_Ant4\_NTNV



40M\_HCH\_5829.5MHz\_Ant5\_NTNV



### 5. Frequency Stability

#### 5.1 Ant0

##### 5.1.1 Test Result

Ant0							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
1.4M	SISO	5728.5	20	12.54	5728.489	5725 to 5850	Pass
				14.76	5728.486	5725 to 5850	Pass
				16.97	5728.486	5725 to 5850	Pass
			-10	14.76	5728.489	5725 to 5850	Pass
			-5	14.76	5728.490	5725 to 5850	Pass
			0	14.76	5728.487	5725 to 5850	Pass
			5	14.76	5728.490	5725 to 5850	Pass
			10	14.76	5728.489	5725 to 5850	Pass
			20	14.76	5728.490	5725 to 5850	Pass
			30	14.76	5728.487	5725 to 5850	Pass
			40	14.76	5728.489	5725 to 5850	Pass
		5786.5	20	12.54	5786.490	5725 to 5850	Pass
				14.76	5786.493	5725 to 5850	Pass
				16.97	5786.490	5725 to 5850	Pass
			-10	14.76	5786.489	5725 to 5850	Pass
			-5	14.76	5786.492	5725 to 5850	Pass
			0	14.76	5786.490	5725 to 5850	Pass
			5	14.76	5786.487	5725 to 5850	Pass
			10	14.76	5786.493	5725 to 5850	Pass
			20	14.76	5786.489	5725 to 5850	Pass
			30	14.76	5786.490	5725 to 5850	Pass
			40	14.76	5786.490	5725 to 5850	Pass
		5846.12	20	12.54	5846.110	5725 to 5850	Pass
				14.76	5846.110	5725 to 5850	Pass
				16.97	5846.112	5725 to 5850	Pass
			-10	14.76	5846.107	5725 to 5850	Pass
			-5	14.76	5846.109	5725 to 5850	Pass
			0	14.76	5846.106	5725 to 5850	Pass
			5	14.76	5846.110	5725 to 5850	Pass
			10	14.76	5846.110	5725 to 5850	Pass

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

Report No.: SZCR230900303006

Page: 285 of 354

			20	14.76	5846.112	5725 to 5850	Pass
			30	14.76	5846.110	5725 to 5850	Pass
			40	14.76	5846.110	5725 to 5850	Pass
3M	SISO	5727.5	20	12.54	5727.491	5725 to 5850	Pass
				14.76	5727.497	5725 to 5850	Pass
				16.97	5727.503	5725 to 5850	Pass
			-10	14.76	5727.500	5725 to 5850	Pass
				14.76	5727.503	5725 to 5850	Pass
				0	5727.500	5725 to 5850	Pass
			5	14.76	5727.500	5725 to 5850	Pass
				14.76	5727.506	5725 to 5850	Pass
				14.76	5727.503	5725 to 5850	Pass
			30	14.76	5727.500	5725 to 5850	Pass
				14.76	5727.500	5725 to 5850	Pass
				14.76	5727.500	5725 to 5850	Pass
		5784.5	20	12.54	5784.500	5725 to 5850	Pass
				14.76	5784.500	5725 to 5850	Pass
				16.97	5784.500	5725 to 5850	Pass
			-10	14.76	5784.497	5725 to 5850	Pass
				14.76	5784.497	5725 to 5850	Pass
				0	5784.497	5725 to 5850	Pass
			5	14.76	5784.497	5725 to 5850	Pass
				14.76	5784.494	5725 to 5850	Pass
				14.76	5784.500	5725 to 5850	Pass
			30	14.76	5784.494	5725 to 5850	Pass
				14.76	5784.494	5725 to 5850	Pass
				14.76	5784.506	5725 to 5850	Pass
		5847.2	20	12.54	5847.200	5725 to 5850	Pass
				14.76	5847.200	5725 to 5850	Pass
				16.97	5847.200	5725 to 5850	Pass
			-10	14.76	5847.200	5725 to 5850	Pass
				14.76	5847.206	5725 to 5850	Pass
				0	5847.197	5725 to 5850	Pass
			5	14.76	5847.203	5725 to 5850	Pass
				14.76	5847.200	5725 to 5850	Pass
				14.76	5847.197	5725 to 5850	Pass
			30	14.76	5847.197	5725 to 5850	Pass
				14.76	5847.197	5725 to 5850	Pass
				14.76	5847.203	5725 to 5850	Pass
5M	SISO	5732.5	20	12.54	5732.525	5725 to 5850	Pass
				14.76	5732.550	5725 to 5850	Pass
				16.97	5732.510	5725 to 5850	Pass
			-10	14.76	5732.525	5725 to 5850	Pass



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

Report No.: SZCR230900303006

Page: 286 of 354

			-5	14.76	5732.545	5725 to 5850	Pass
			0	14.76	5732.550	5725 to 5850	Pass
			5	14.76	5732.510	5725 to 5850	Pass
			10	14.76	5732.550	5725 to 5850	Pass
			20	14.76	5732.535	5725 to 5850	Pass
			30	14.76	5732.535	5725 to 5850	Pass
			40	14.76	5732.555	5725 to 5850	Pass
		5782.5	20	12.54	5782.545	5725 to 5850	Pass
				14.76	5782.550	5725 to 5850	Pass
				16.97	5782.555	5725 to 5850	Pass
			-10	14.76	5782.525	5725 to 5850	Pass
			-5	14.76	5782.535	5725 to 5850	Pass
			0	14.76	5782.540	5725 to 5850	Pass
			5	14.76	5782.530	5725 to 5850	Pass
			10	14.76	5782.530	5725 to 5850	Pass
			20	14.76	5782.540	5725 to 5850	Pass
			30	14.76	5782.540	5725 to 5850	Pass
			40	14.76	5782.555	5725 to 5850	Pass
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				16.97	5842.505	5725 to 5850	Pass
			-10	14.76	5842.530	5725 to 5850	Pass
			-5	14.76	5842.540	5725 to 5850	Pass
			0	14.76	5842.550	5725 to 5850	Pass
			5	14.76	5842.540	5725 to 5850	Pass
			10	14.76	5842.525	5725 to 5850	Pass
			20	14.76	5842.545	5725 to 5850	Pass
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			40	14.76	5842.545	5725 to 5850	Pass
10M	SISO	5730.5	20	12.54	5730.480	5725 to 5850	Pass
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				16.97	5730.510	5725 to 5850	Pass
			-10	14.76	5730.520	5725 to 5850	Pass
			-5	14.76	5730.500	5725 to 5850	Pass
			0	14.76	5730.510	5725 to 5850	Pass
			5	14.76	5730.510	5725 to 5850	Pass
			10	14.76	5730.480	5725 to 5850	Pass
			20	14.76	5730.520	5725 to 5850	Pass
			30	14.76	5730.520	5725 to 5850	Pass
			40	14.76	5730.530	5725 to 5850	Pass



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

Report No.: SZCR230900303006

Page: 287 of 354

		5787.5	20	12.54	5787.510	5725 to 5850	Pass
				14.76	5787.500	5725 to 5850	Pass
				16.97	5787.500	5725 to 5850	Pass
			-10	14.76	5787.530	5725 to 5850	Pass
			-5	14.76	5787.500	5725 to 5850	Pass
			0	14.76	5787.470	5725 to 5850	Pass
			5	14.76	5787.500	5725 to 5850	Pass
			10	14.76	5787.500	5725 to 5850	Pass
			20	14.76	5787.510	5725 to 5850	Pass
			30	14.76	5787.510	5725 to 5850	Pass
			40	14.76	5787.500	5725 to 5850	Pass
		5844.5	20	12.54	5844.520	5725 to 5850	Pass
				14.76	5844.490	5725 to 5850	Pass
				16.97	5844.480	5725 to 5850	Pass
			-10	14.76	5844.540	5725 to 5850	Pass
			-5	14.76	5844.500	5725 to 5850	Pass
			0	14.76	5844.520	5725 to 5850	Pass
			5	14.76	5844.510	5725 to 5850	Pass
			10	14.76	5844.510	5725 to 5850	Pass
			20	14.76	5844.540	5725 to 5850	Pass
			30	14.76	5844.520	5725 to 5850	Pass
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20M	SISO	5735.5	20	12.54	5735.540	5725 to 5850	Pass
				14.76	5735.520	5725 to 5850	Pass
				16.97	5735.540	5725 to 5850	Pass
			-10	14.76	5735.540	5725 to 5850	Pass
			-5	14.76	5735.540	5725 to 5850	Pass
			0	14.76	5735.520	5725 to 5850	Pass
			5	14.76	5735.520	5725 to 5850	Pass
			10	14.76	5735.540	5725 to 5850	Pass
			20	14.76	5735.560	5725 to 5850	Pass
			30	14.76	5735.540	5725 to 5850	Pass
			40	14.76	5735.540	5725 to 5850	Pass
		5787.5	20	12.54	5787.560	5725 to 5850	Pass
				14.76	5787.520	5725 to 5850	Pass
				16.97	5787.520	5725 to 5850	Pass
			-10	14.76	5787.540	5725 to 5850	Pass
			-5	14.76	5787.560	5725 to 5850	Pass
			0	14.76	5787.540	5725 to 5850	Pass
			5	14.76	5787.520	5725 to 5850	Pass



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

Report No.: SZCR230900303006

Page: 288 of 354

			10	14.76	5787.560	5725 to 5850	Pass
			20	14.76	5787.520	5725 to 5850	Pass
			30	14.76	5787.500	5725 to 5850	Pass
			40	14.76	5787.520	5725 to 5850	Pass
		5839.5	20	12.54	5839.520	5725 to 5850	Pass
				14.76	5839.580	5725 to 5850	Pass
				16.97	5839.540	5725 to 5850	Pass
			-10	14.76	5839.520	5725 to 5850	Pass
			-5	14.76	5839.560	5725 to 5850	Pass
			0	14.76	5839.580	5725 to 5850	Pass
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			10	14.76	5839.540	5725 to 5850	Pass
			20	14.76	5839.520	5725 to 5850	Pass
			30	14.76	5839.540	5725 to 5850	Pass
			40	14.76	5839.540	5725 to 5850	Pass
40M	SISO	5745.5	20	12.54	5745.540	5725 to 5850	Pass
				14.76	5745.620	5725 to 5850	Pass
				16.97	5745.620	5725 to 5850	Pass
			-10	14.76	5745.620	5725 to 5850	Pass
			-5	14.76	5745.620	5725 to 5850	Pass
			0	14.76	5745.580	5725 to 5850	Pass
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			10	14.76	5745.540	5725 to 5850	Pass
			20	14.76	5745.580	5725 to 5850	Pass
			30	14.76	5745.580	5725 to 5850	Pass
			40	14.76	5745.540	5725 to 5850	Pass
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				16.97	5787.580	5725 to 5850	Pass
			-10	14.76	5787.580	5725 to 5850	Pass
			-5	14.76	5787.580	5725 to 5850	Pass
			0	14.76	5787.580	5725 to 5850	Pass
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			10	14.76	5787.580	5725 to 5850	Pass
			20	14.76	5787.620	5725 to 5850	Pass
			30	14.76	5787.580	5725 to 5850	Pass
			40	14.76	5787.580	5725 to 5850	Pass
		5829.5	20	12.54	5829.580	5725 to 5850	Pass
				14.76	5829.580	5725 to 5850	Pass
				16.97	5829.580	5725 to 5850	Pass



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

Report No.: SZCR230900303006

Page: 289 of 354

			-10	14.76	5829.580	5725 to 5850	Pass
			-5	14.76	5829.580	5725 to 5850	Pass
			0	14.76	5829.580	5725 to 5850	Pass
			5	14.76	5829.580	5725 to 5850	Pass
			10	14.76	5829.580	5725 to 5850	Pass
			20	14.76	5829.580	5725 to 5850	Pass
			30	14.76	5829.540	5725 to 5850	Pass
			40	14.76	5829.580	5725 to 5850	Pass



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5.8G SDR MIMO Mode: ANT2 combined ANT3 is the worse-case, only the worse-case test data were reported

MIMO combinations: ANT 0&1, 0&3, 0&5, 2&1, 2&3, 2&5, 4&1, 4&3, 4&5

## 1. Duty Cycle

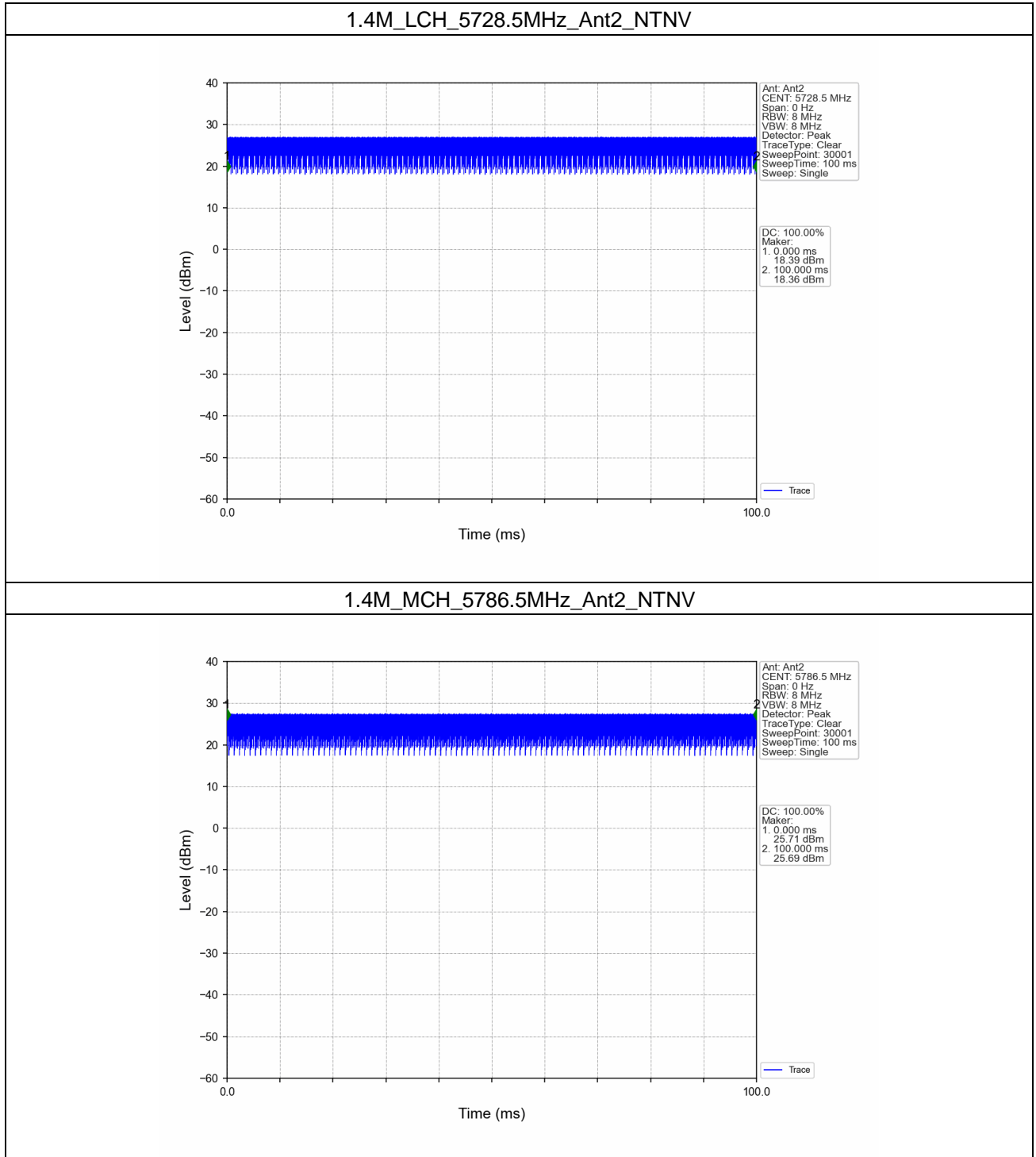
### 1.1 Ant2

#### 1.1.1 Test Result

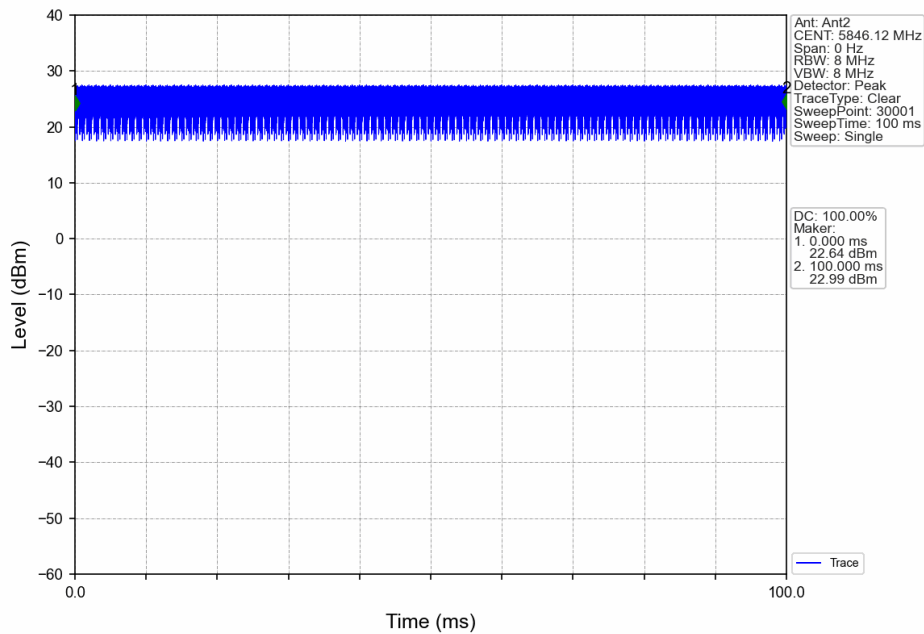
Ant2							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1.4M	MIMO	5728.5	100.000	100.000	100.00	0.00	0.00
		5786.5	100.000	100.000	100.00	0.00	0.00
		5846.12	100.000	100.000	100.00	0.00	0.00
3M	MIMO	5727.5	100.000	100.000	100.00	0.00	0.00
		5784.5	100.000	100.000	100.00	0.00	0.00
		5847.2	100.000	100.000	100.00	0.00	0.00
5M	MIMO	5732.5	100.000	100.000	100.00	0.00	0.00
		5782.5	100.000	100.000	100.00	0.00	0.00
		5842.5	100.000	100.000	100.00	0.00	0.00
10M	MIMO	5730.5	100.000	100.000	100.00	0.00	0.00
		5787.5	100.000	100.000	100.00	0.00	0.00
		5844.5	100.000	100.000	100.00	0.00	0.00
20M	MIMO	5735.5	100.000	100.000	100.00	0.00	0.00
		5787.5	100.000	100.000	100.00	0.00	0.00
		5839.5	100.000	100.000	100.00	0.00	0.00
40M	MIMO	5745.5	100.000	100.000	100.00	0.00	0.00
		5787.5	100.000	100.000	100.00	0.00	0.00
		5829.5	100.000	100.000	100.00	0.00	0.00



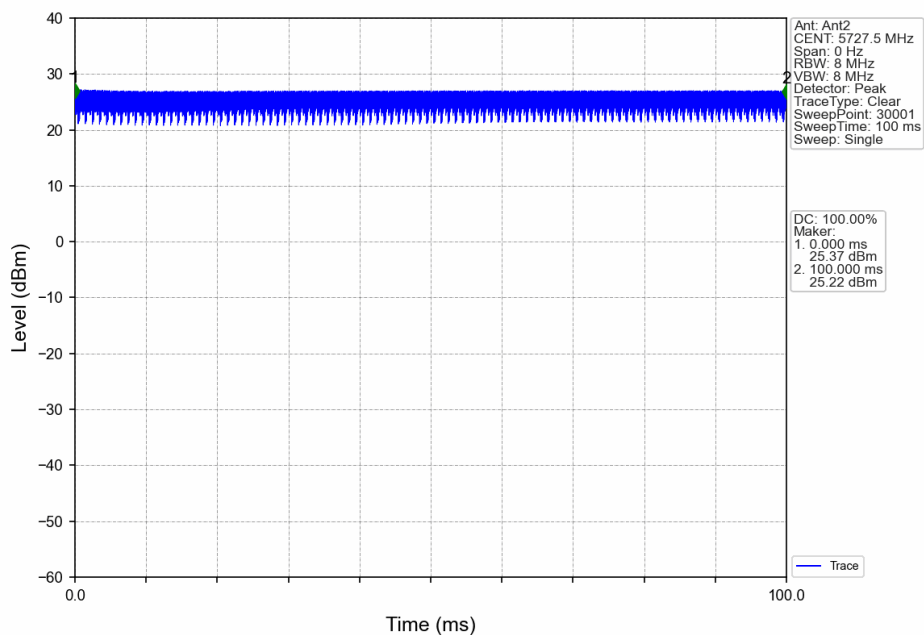
### 1.1.2 Test Graph



1.4M\_HCH\_5846.12MHz\_Ant2\_NTNV



3M\_LCH\_5727.5MHz\_Ant2\_NTNV



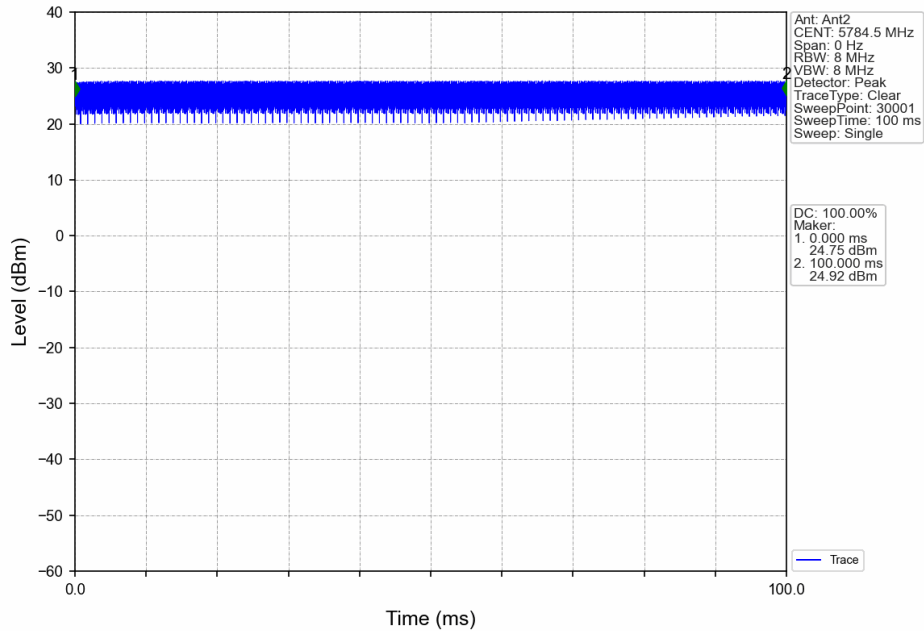
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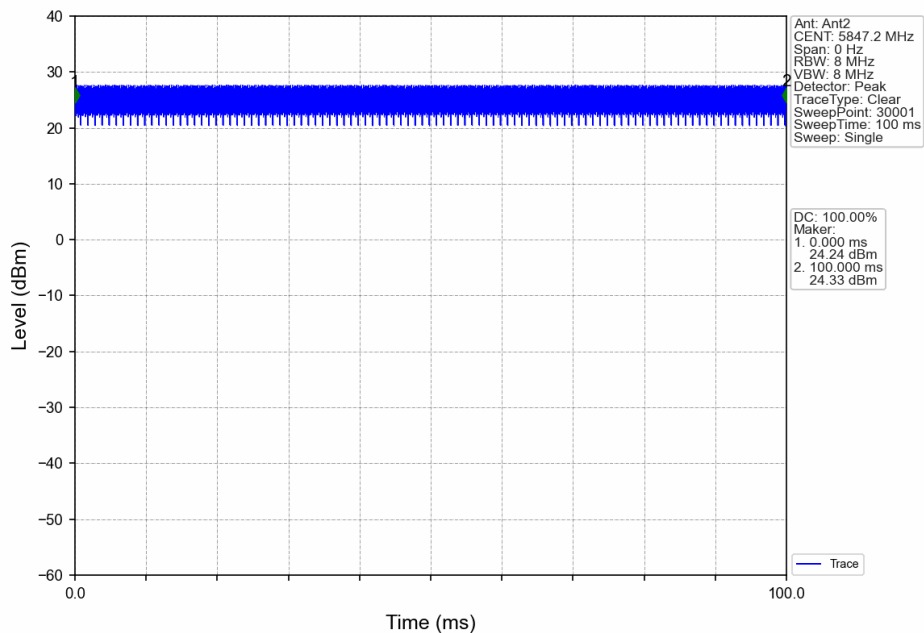
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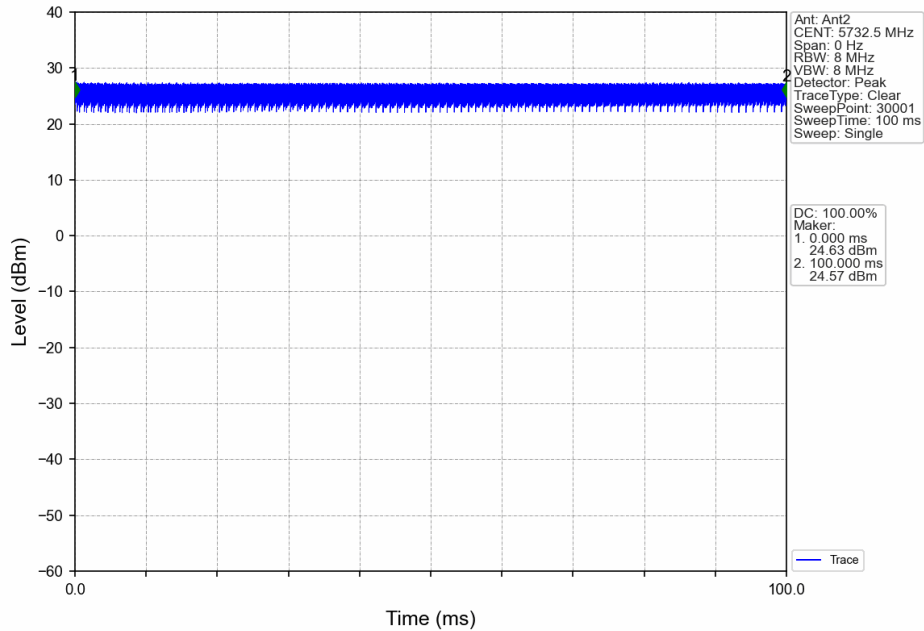
### 3M\_MCH\_5784.5MHz\_Ant2\_NTNV



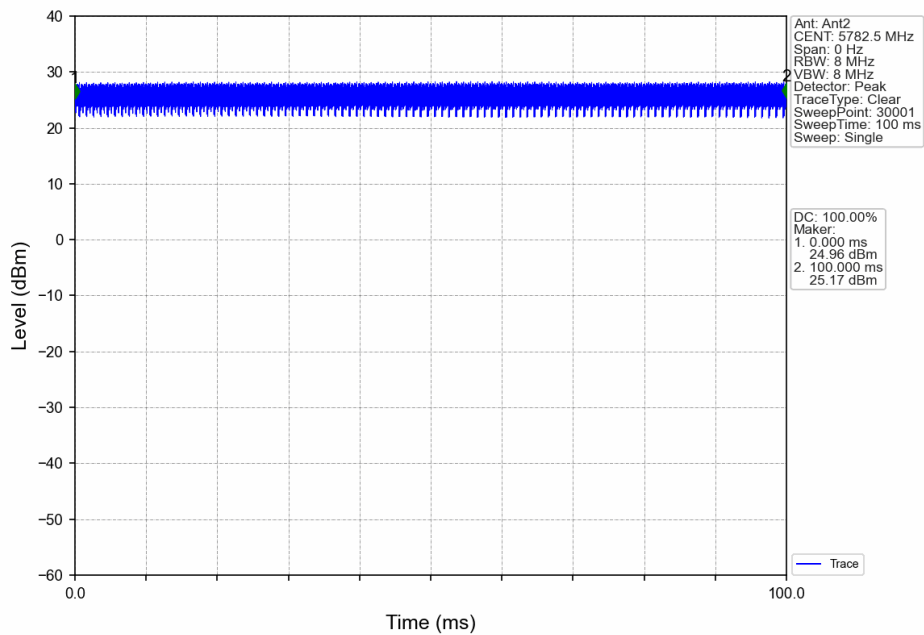
### 3M\_HCH\_5847.2MHz\_Ant2\_NTNV



5M\_LCH\_5732.5MHz\_Ant2\_NTNV

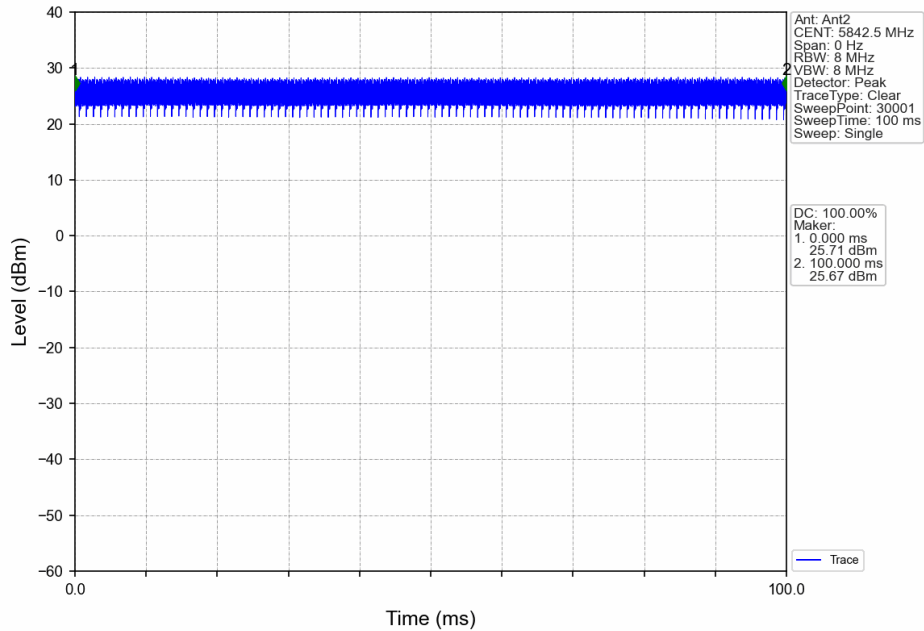


5M\_MCH\_5782.5MHz\_Ant2\_NTNV

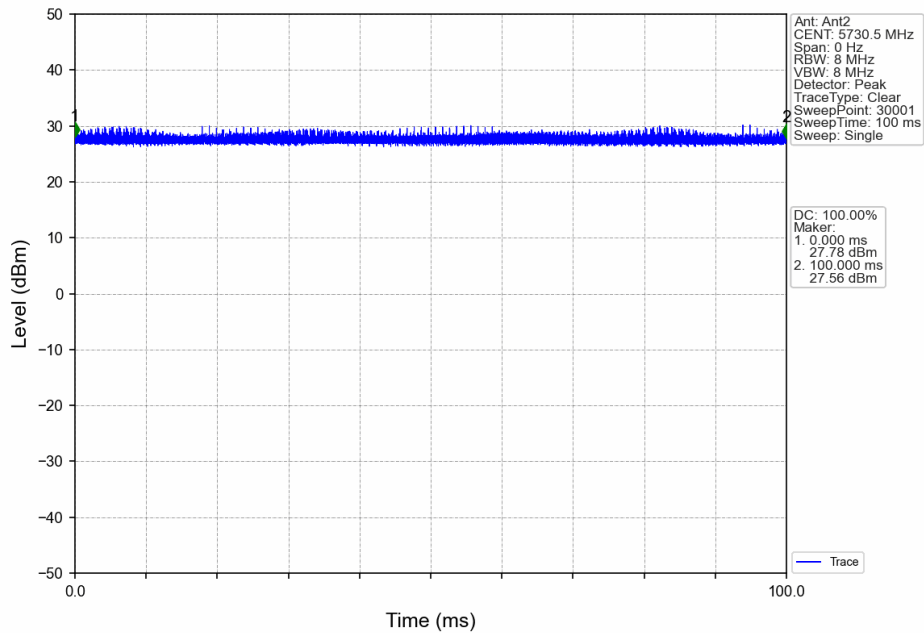




### 5M\_HCH\_5842.5MHz\_Ant2\_NTNV



### 10M\_LCH\_5730.5MHz\_Ant2\_NTNV



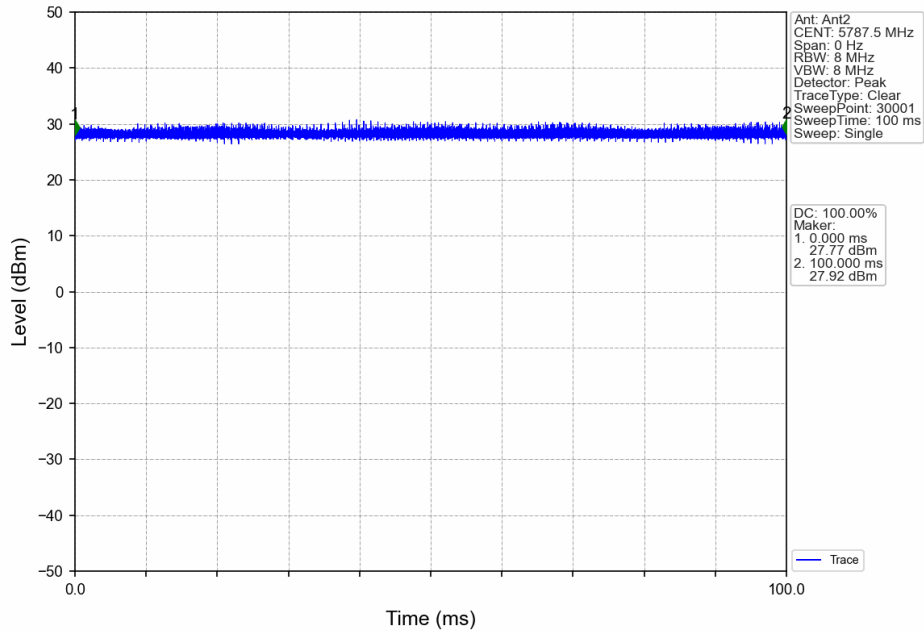
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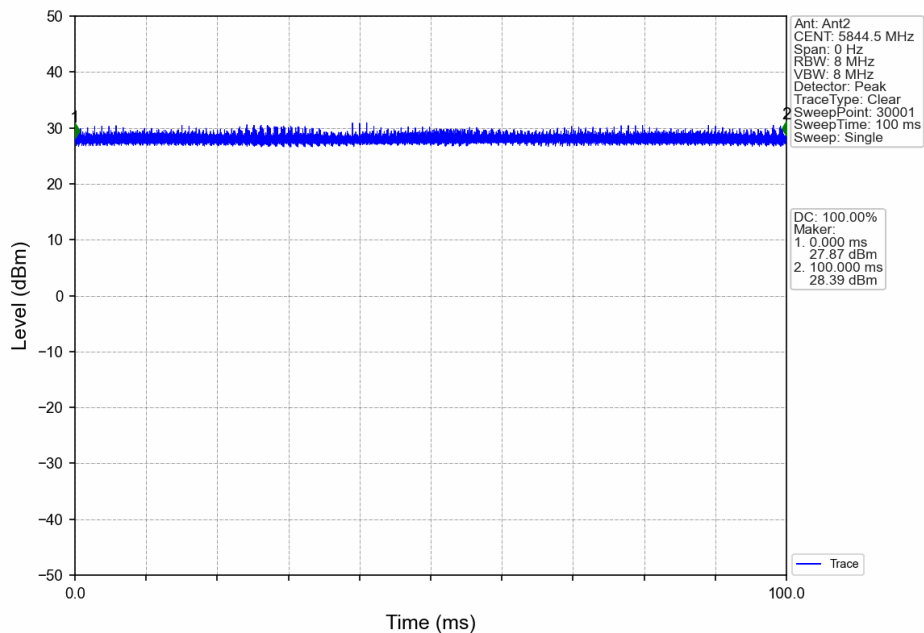
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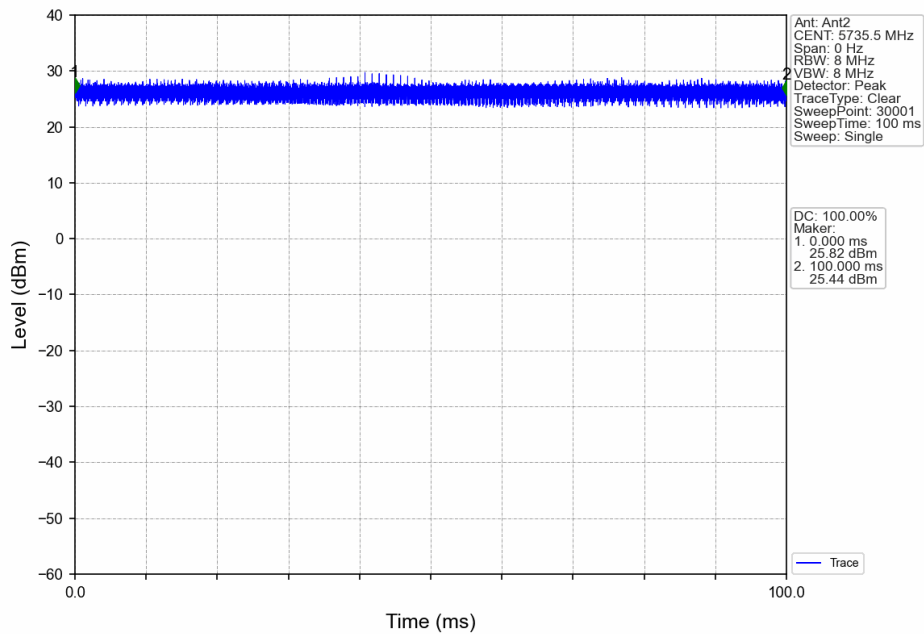
10M\_MCH\_5787.5MHz\_Ant2\_NTNV



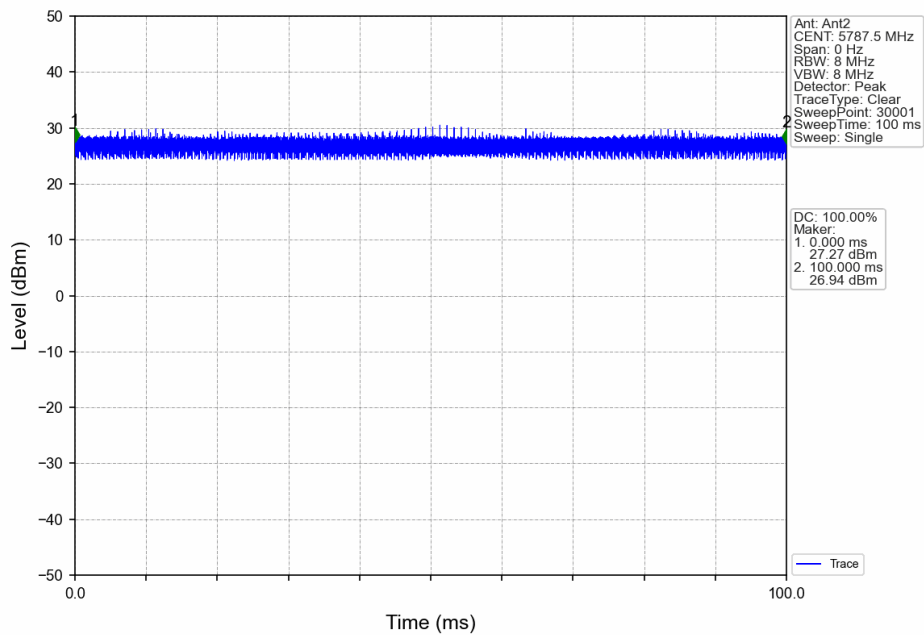
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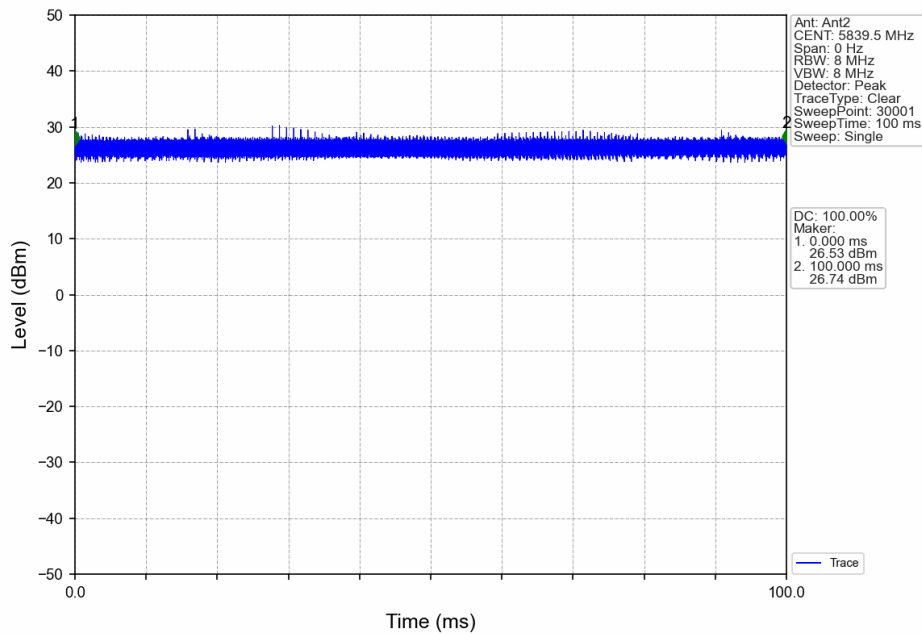
20M\_LCH\_5735.5MHz\_Ant2\_NTNV



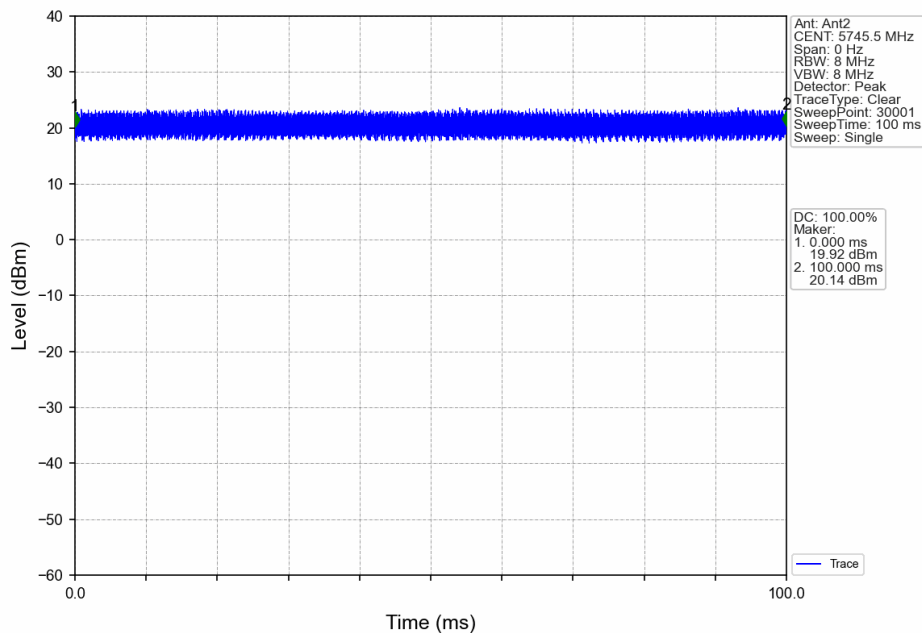
20M\_MCH\_5787.5MHz\_Ant2\_NTNV



20M\_HCH\_5839.5MHz\_Ant2\_NTNV

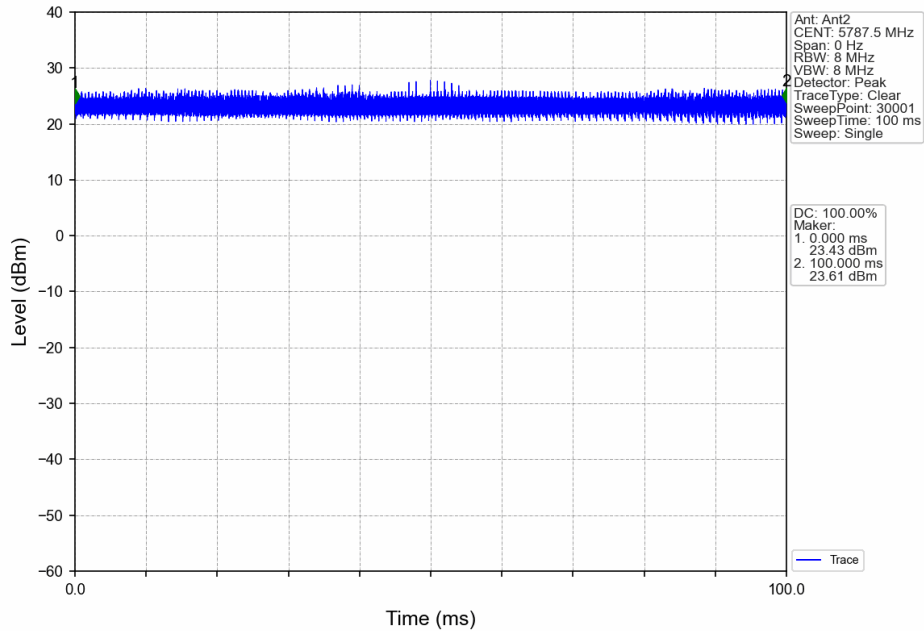


40M\_LCH\_5745.5MHz\_Ant2\_NTNV

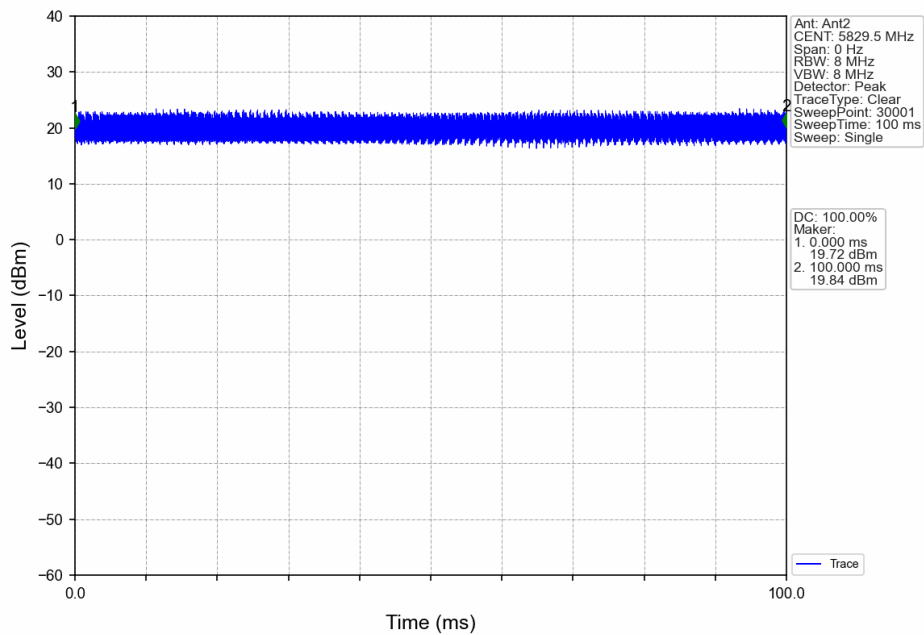




40M\_MCH\_5787.5MHz\_Ant2\_NTNV



40M\_HCH\_5829.5MHz\_Ant2\_NTNV



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

Report No.: SZCR230900303006

Page: 300 of 354

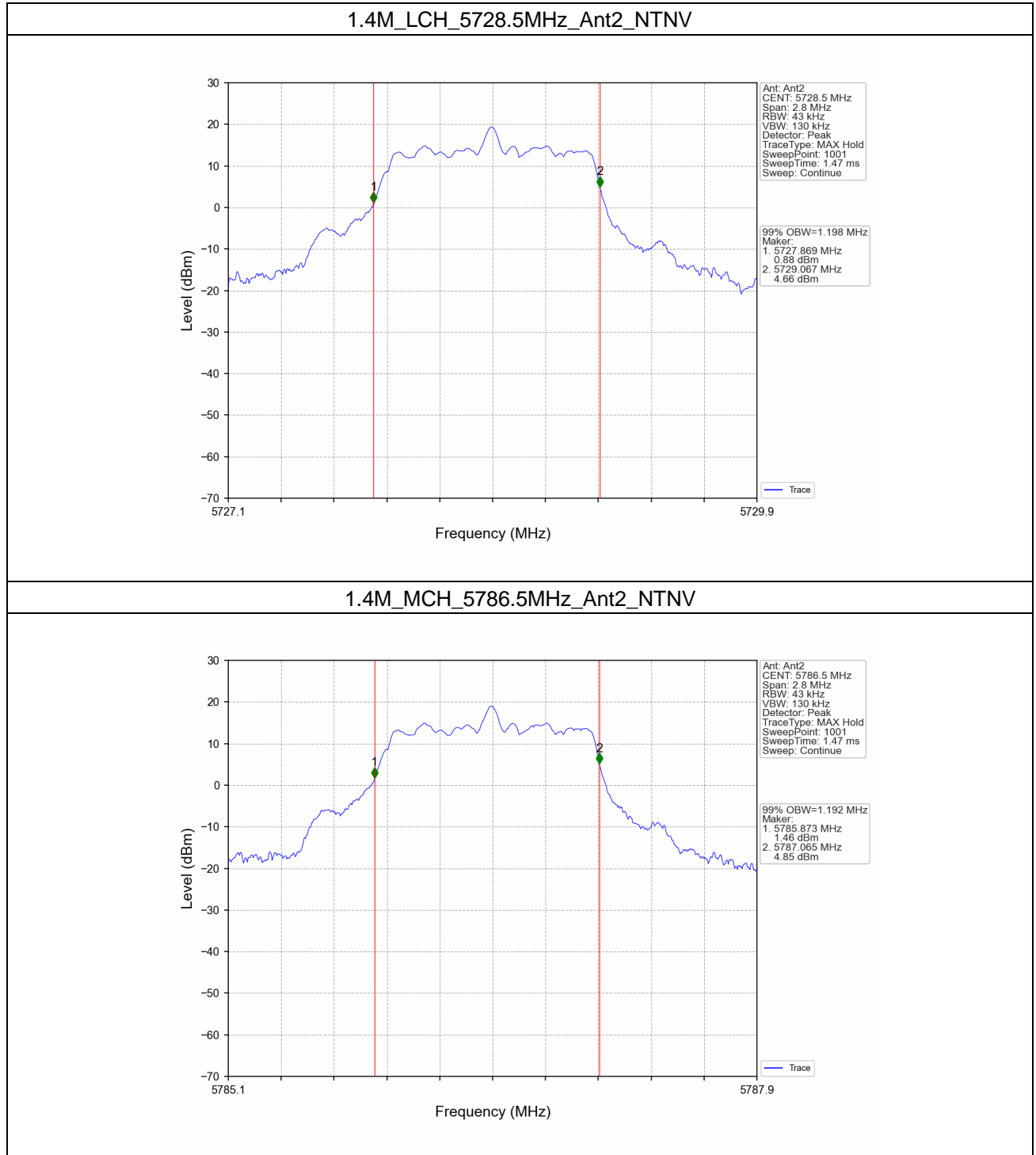
## 2. Bandwidth

### 2.1 OBW

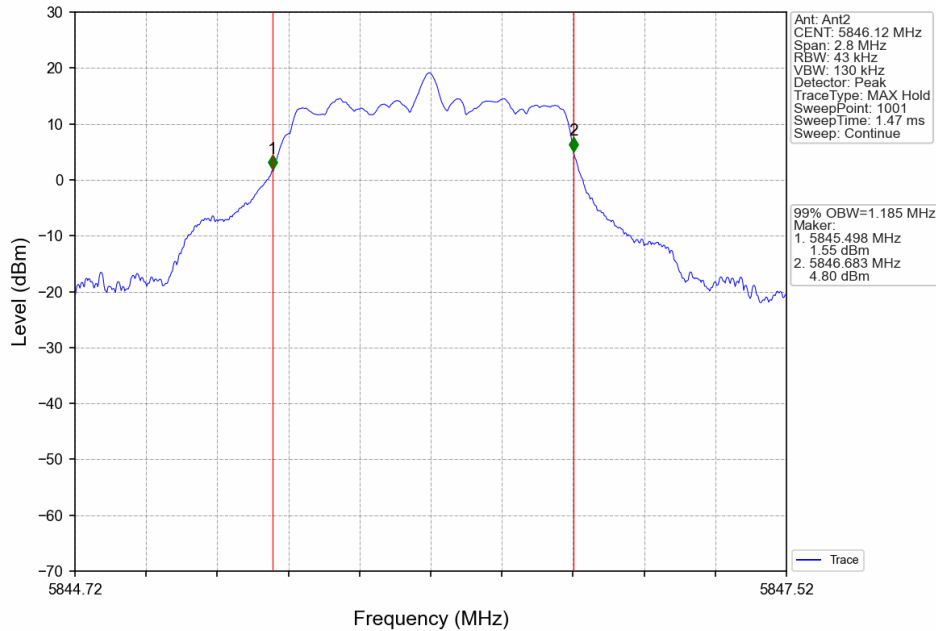
#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1.4M	MIMO	5728.5	2	1.198	Pass
		5786.5	2	1.192	Pass
		5846.12	2	1.185	Pass
3M	MIMO	5727.5	2	2.256	Pass
		5784.5	2	2.245	Pass
		5847.2	2	2.241	Pass
5M	MIMO	5732.5	2	4.402	Pass
		5782.5	2	4.419	Pass
		5842.5	2	4.411	Pass
10M	MIMO	5730.5	2	12.547	Pass
		5787.5	2	13.183	Pass
		5844.5	2	11.191	Pass
20M	MIMO	5735.5	2	24.643	Pass
		5787.5	2	25.756	Pass
		5839.5	2	20.626	Pass
40M	MIMO	5745.5	2	42.684	Pass
		5787.5	2	58.927	Pass
		5829.5	2	36.736	Pass

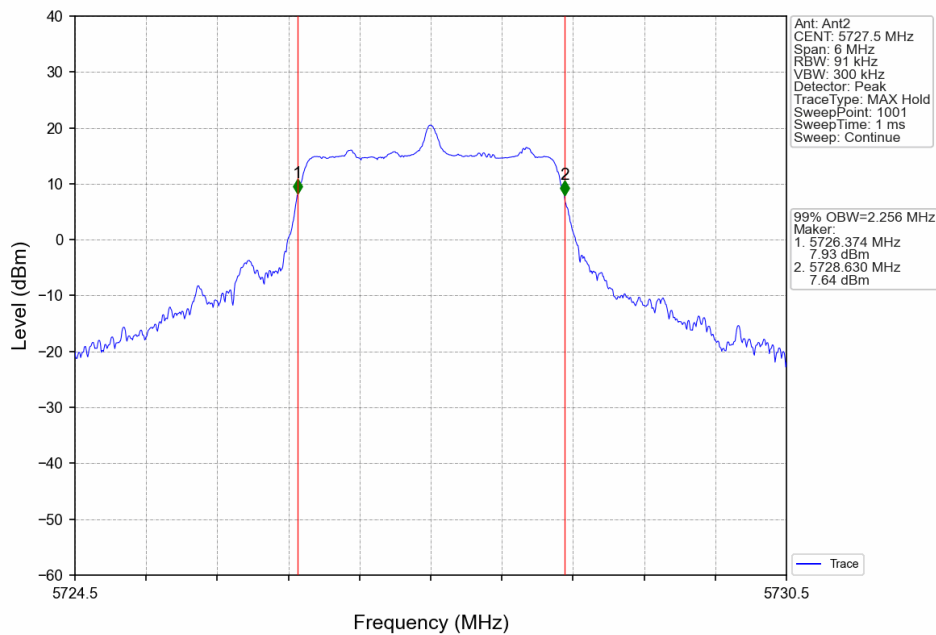
### 2.1.2 Test Graph



### 1.4M\_HCH\_5846.12MHz\_Ant2\_NTNV



### 3M\_LCH\_5727.5MHz\_Ant2\_NTNV



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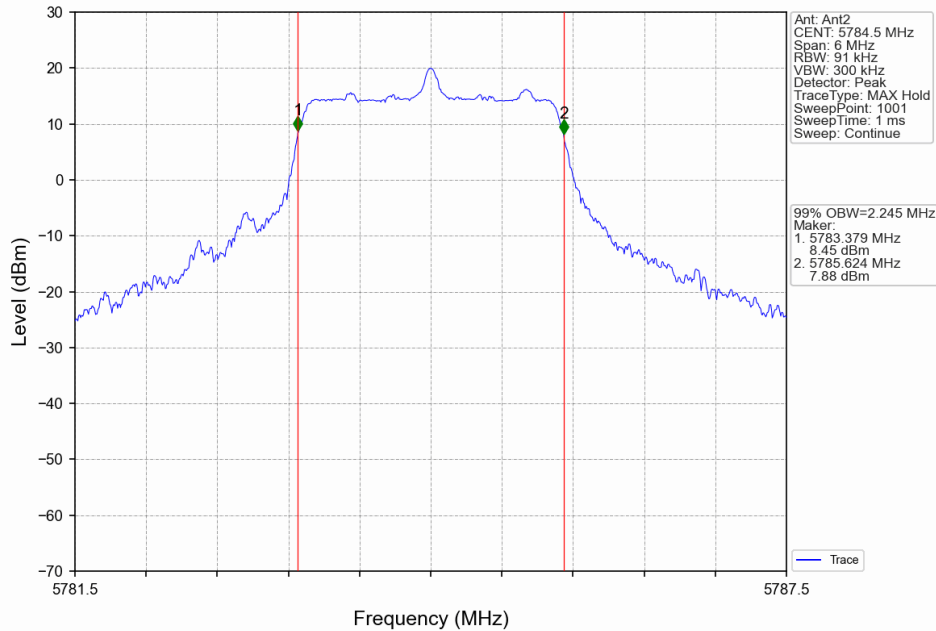
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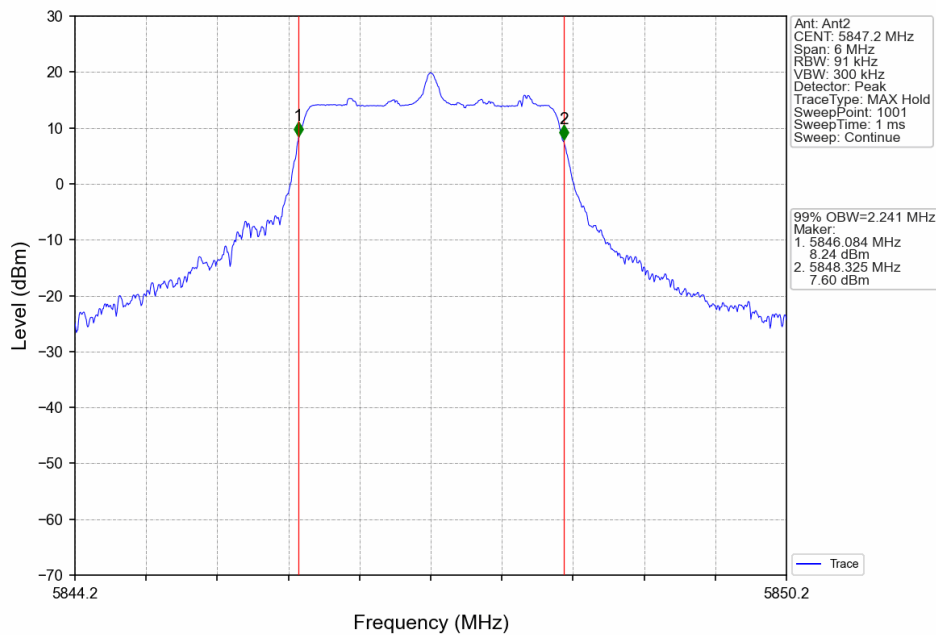
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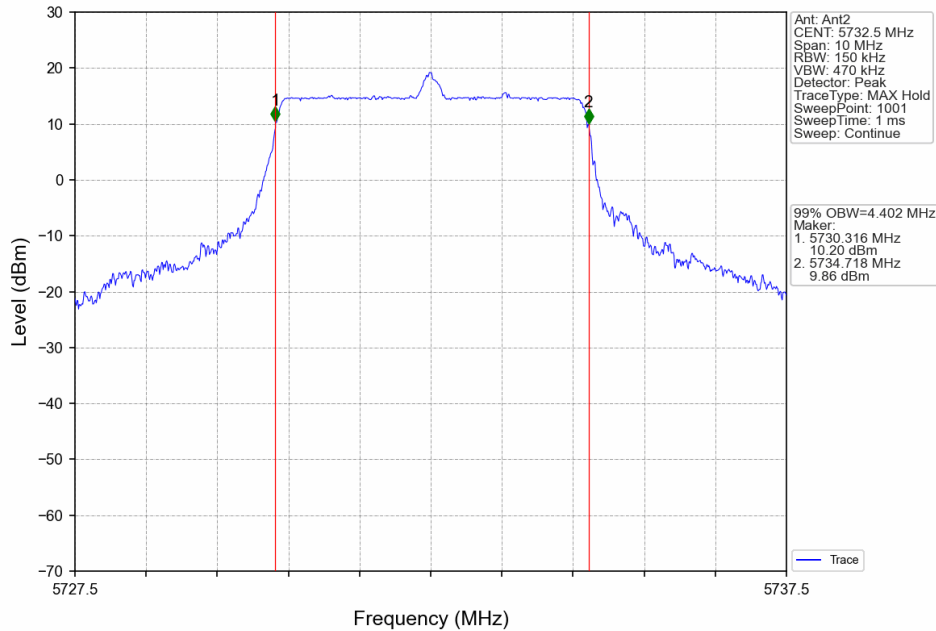
### 3M\_MCH\_5784.5MHz\_Ant2\_NTNV



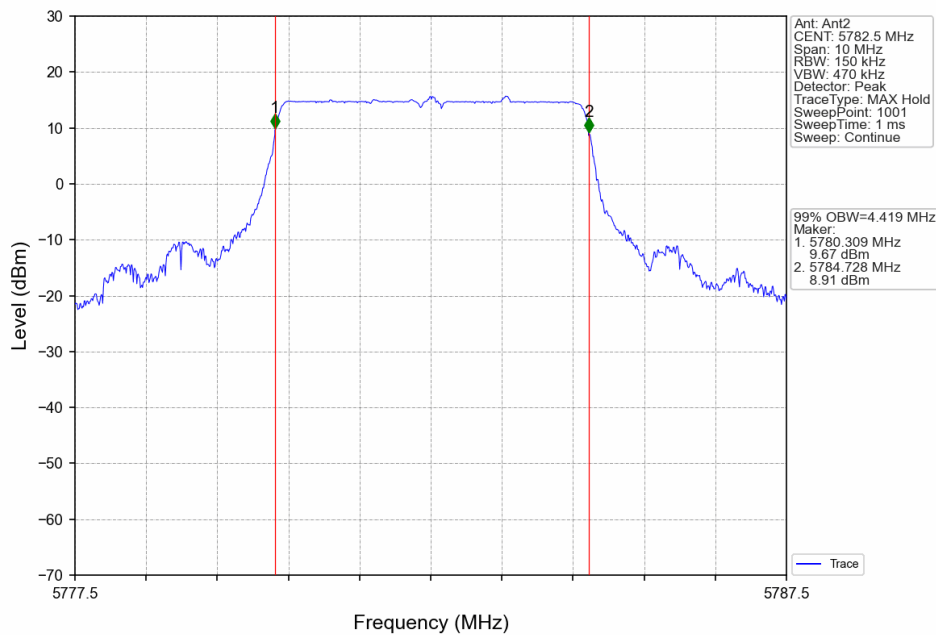
### 3M\_HCH\_5847.2MHz\_Ant2\_NTNV



### 5M\_LCH\_5732.5MHz\_Ant2\_NTNV



### 5M\_MCH\_5782.5MHz\_Ant2\_NTNV



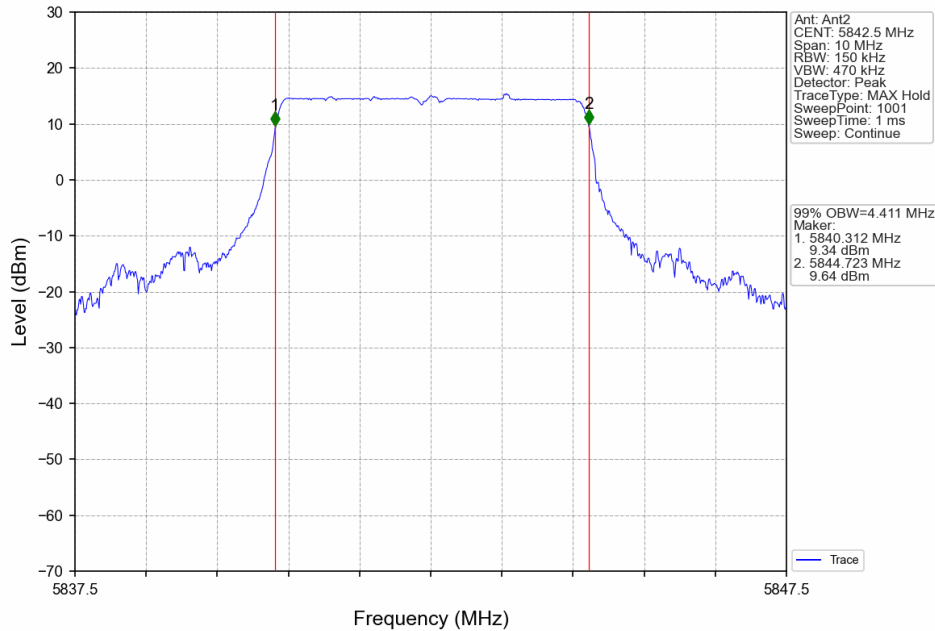
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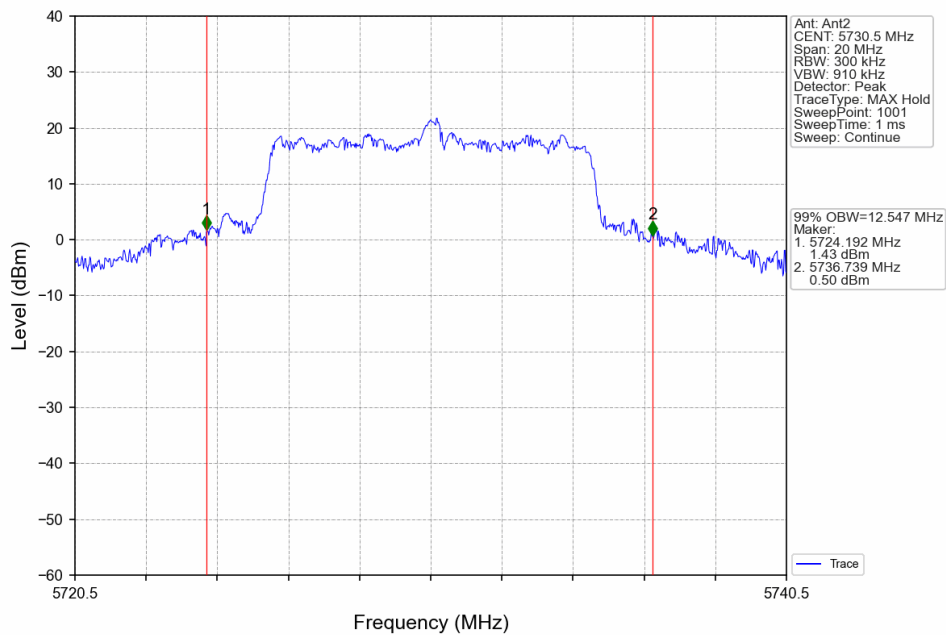
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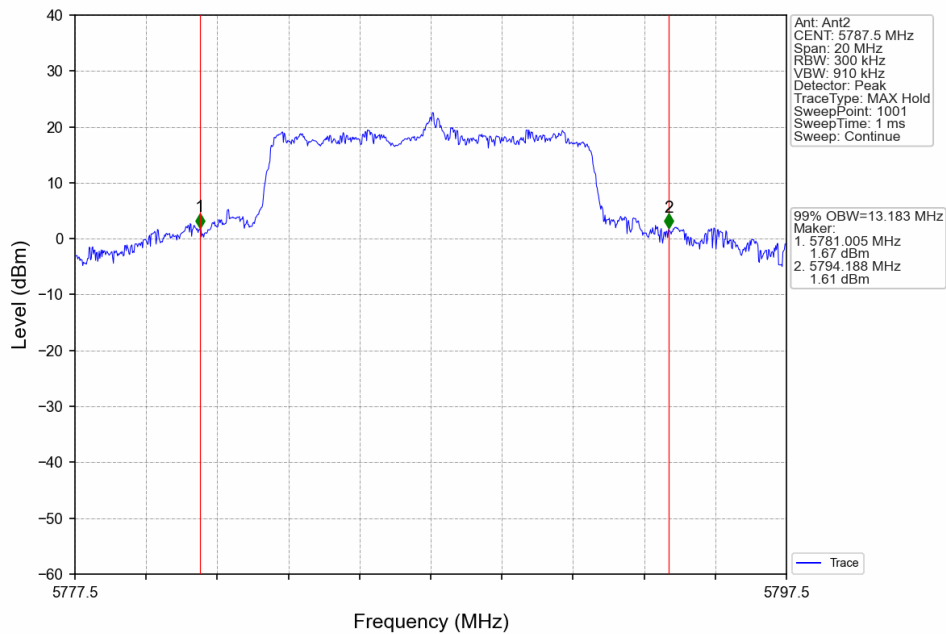
### 5M\_HCH\_5842.5MHz\_Ant2\_NTNV



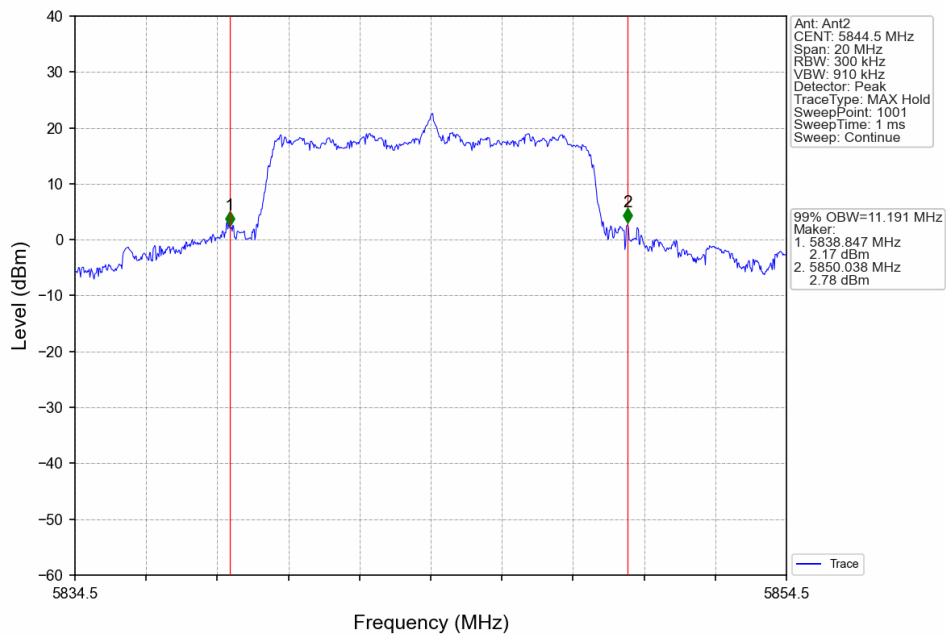
### 10M\_LCH\_5730.5MHz\_Ant2\_NTNV



10M\_MCH\_5787.5MHz\_Ant2\_NTNV

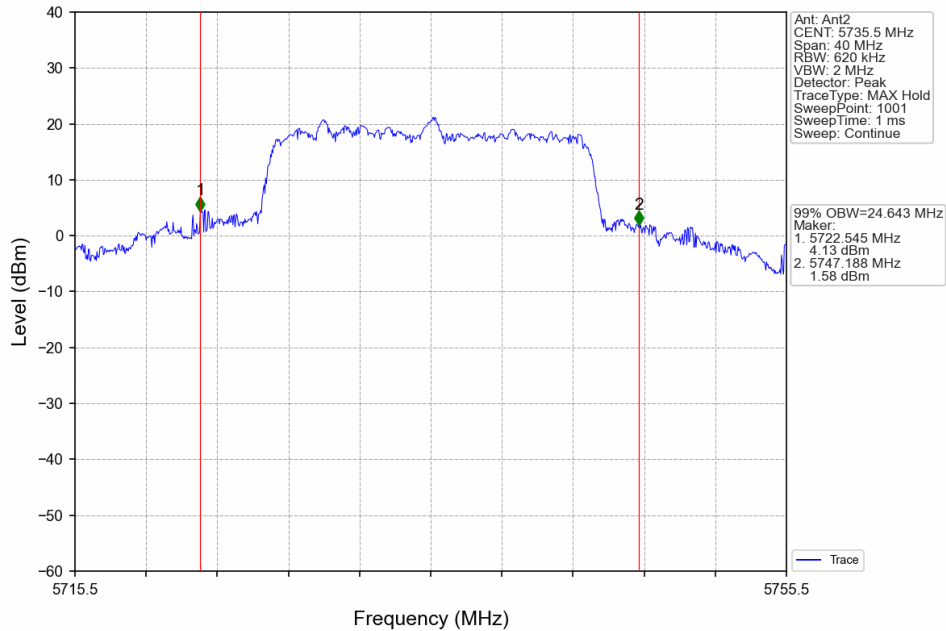


10M\_HCH\_5844.5MHz\_Ant2\_NTNV

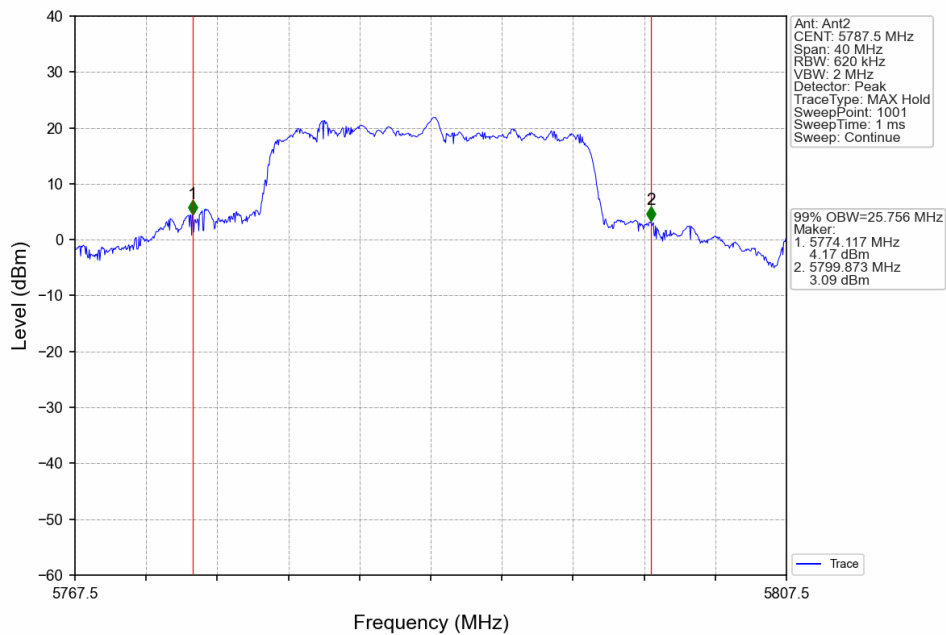




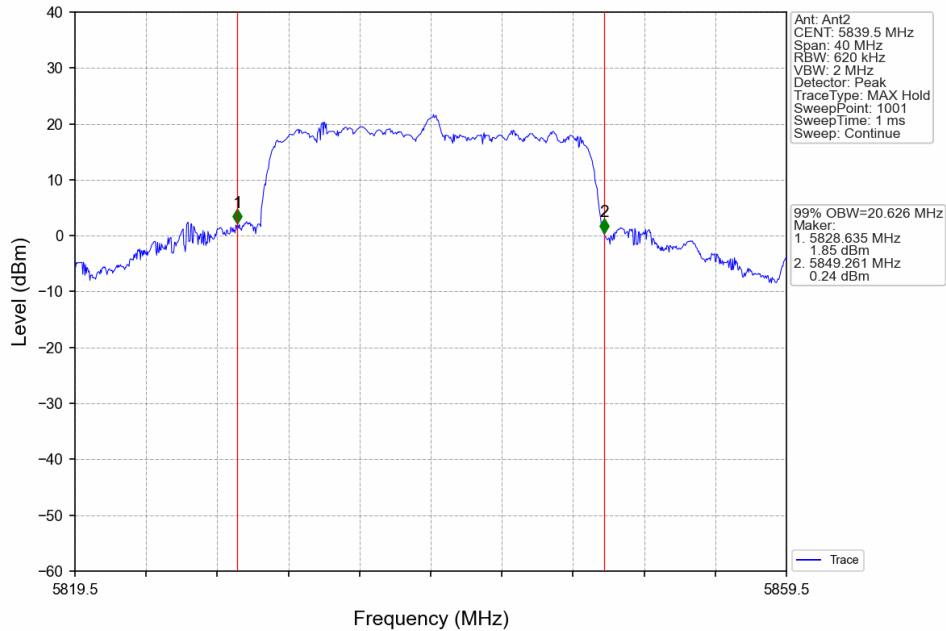
20M\_LCH\_5735.5MHz\_Ant2\_NTNV



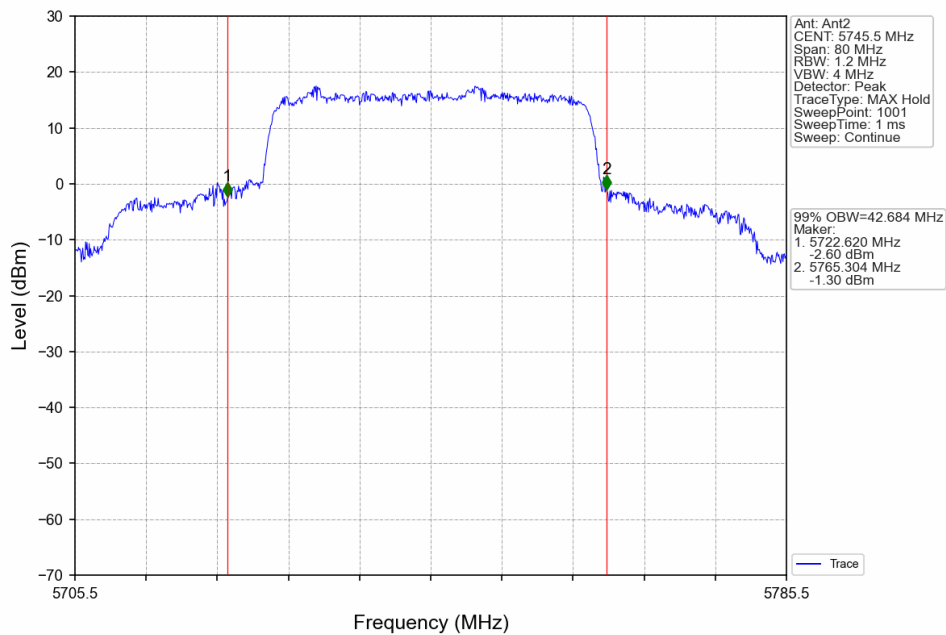
20M\_MCH\_5787.5MHz\_Ant2\_NTNV



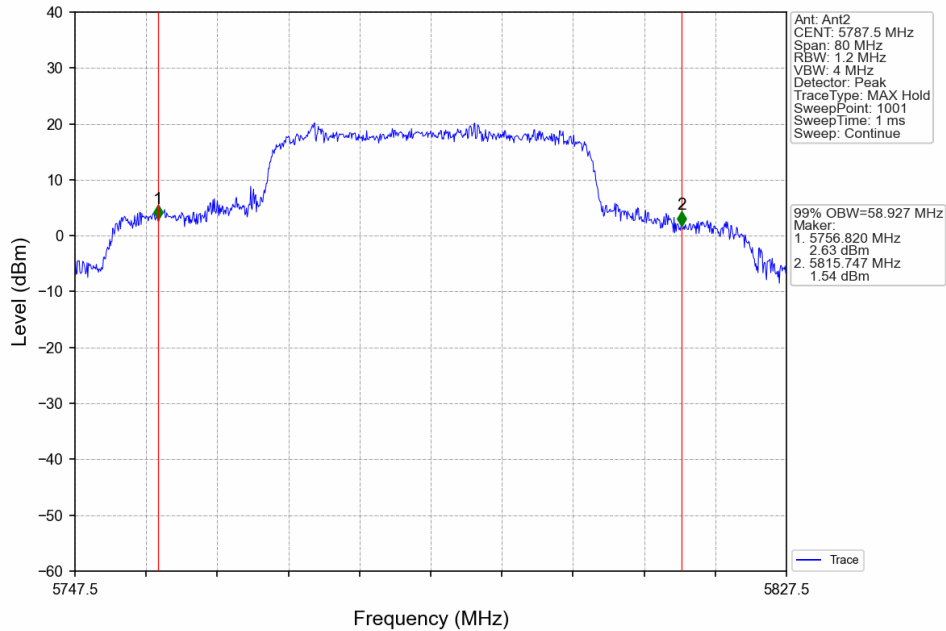
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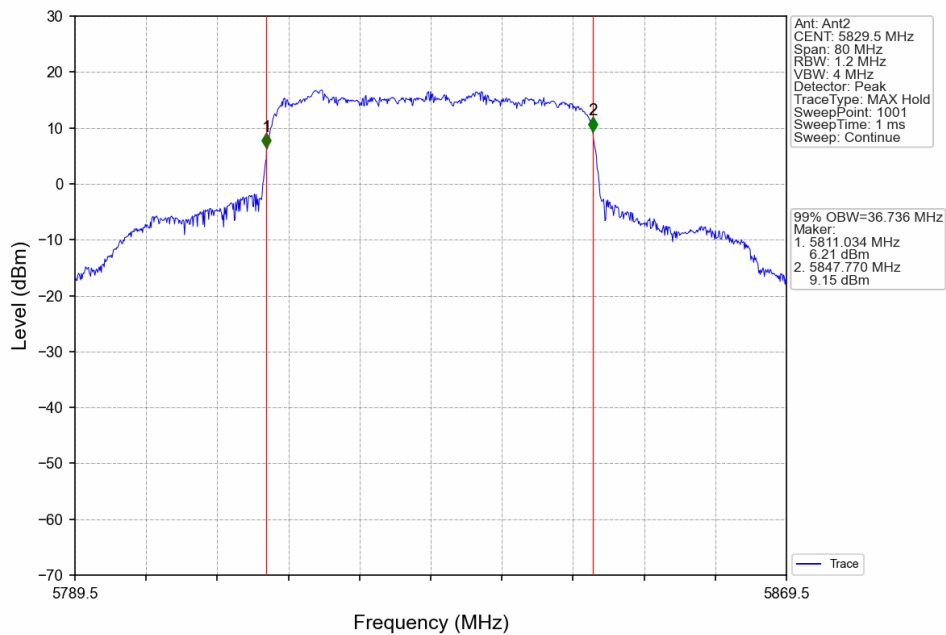
### 40M\_LCH\_5745.5MHz\_Ant2\_NTNV



### 40M\_MCH\_5787.5MHz\_Ant2\_NTNV



### 40M\_HCH\_5829.5MHz\_Ant2\_NTNV



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

Report No.: SZCR230900303006

Page: 310 of 354

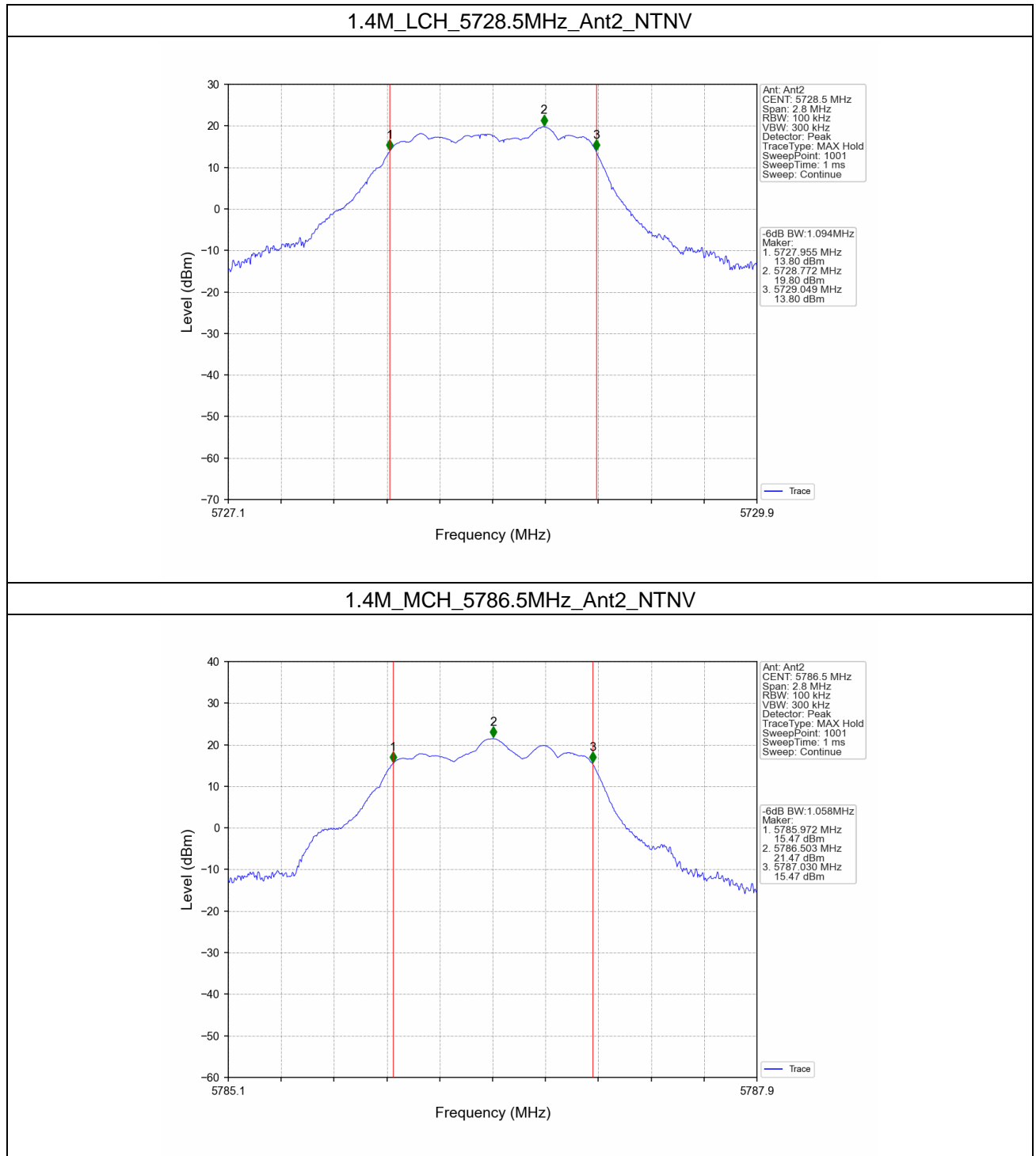
## 2.2 6dB BW

### 2.2.1 Test Result

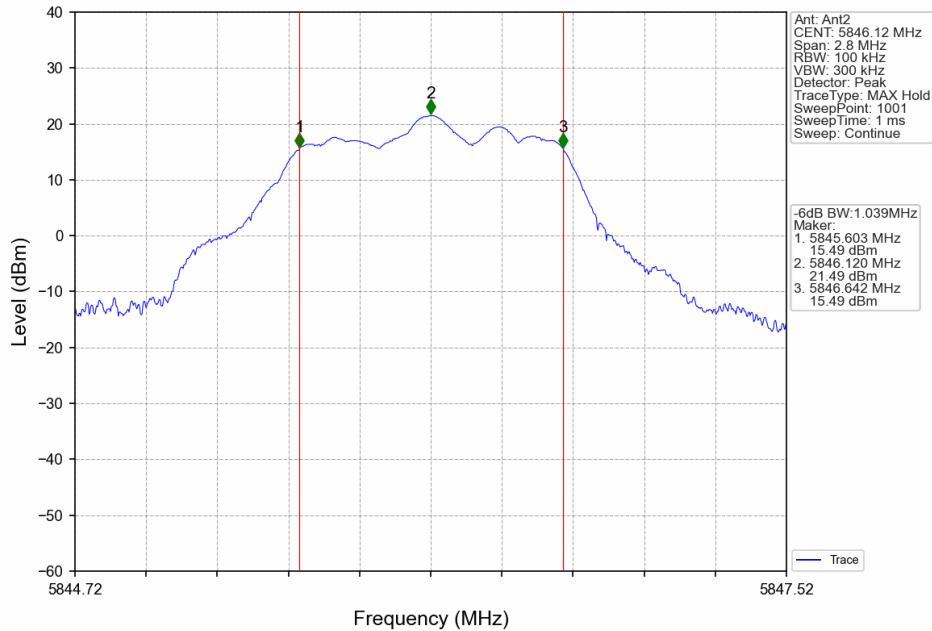
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1.4M	MIMO	5728.5	2	1.094	$\geq 0.5$	Pass
		5786.5	2	1.058	$\geq 0.5$	Pass
		5846.12	2	1.039	$\geq 0.5$	Pass
3M	MIMO	5727.5	2	2.039	$\geq 0.5$	Pass
		5784.5	2	2.037	$\geq 0.5$	Pass
		5847.2	2	2.010	$\geq 0.5$	Pass
5M	MIMO	5732.5	2	4.234	$\geq 0.5$	Pass
		5782.5	2	4.348	$\geq 0.5$	Pass
		5842.5	2	4.331	$\geq 0.5$	Pass
10M	MIMO	5730.5	2	7.335	$\geq 0.5$	Pass
		5787.5	2	8.657	$\geq 0.5$	Pass
		5844.5	2	7.394	$\geq 0.5$	Pass
20M	MIMO	5735.5	2	13.407	$\geq 0.5$	Pass
		5787.5	2	13.458	$\geq 0.5$	Pass
		5839.5	2	18.032	$\geq 0.5$	Pass
40M	MIMO	5745.5	2	36.039	$\geq 0.5$	Pass
		5787.5	2	35.989	$\geq 0.5$	Pass
		5829.5	2	35.985	$\geq 0.5$	Pass



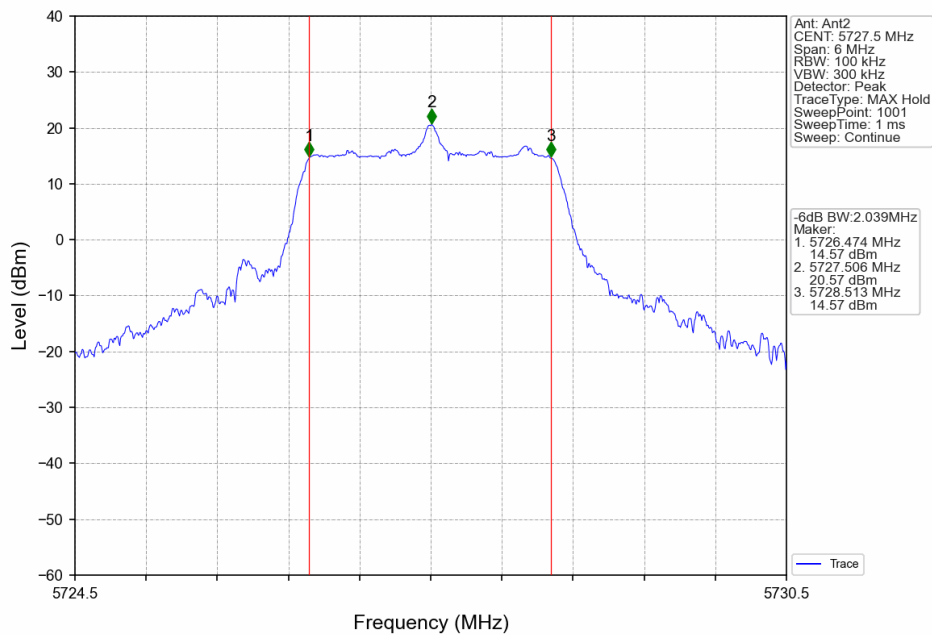
### 2.2.2 Test Graph



### 1.4M\_HCH\_5846.12MHz\_Ant2\_NTNV



### 3M\_LCH\_5727.5MHz\_Ant2\_NTNV



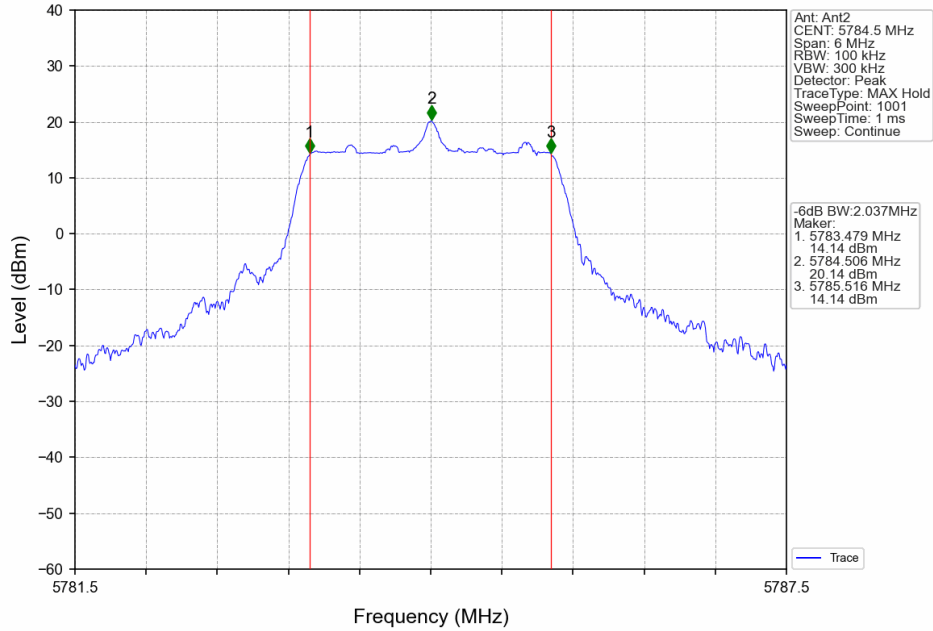
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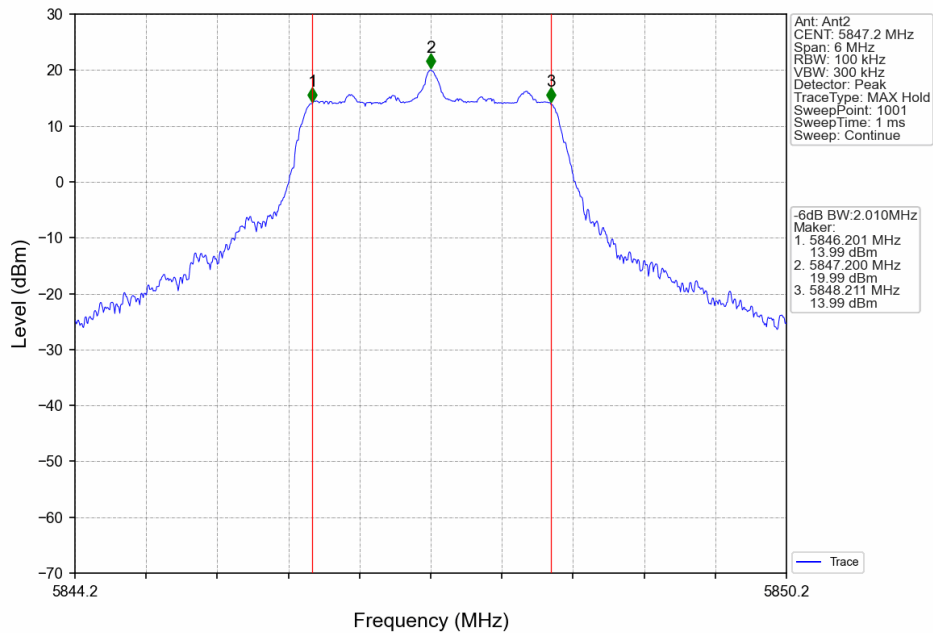
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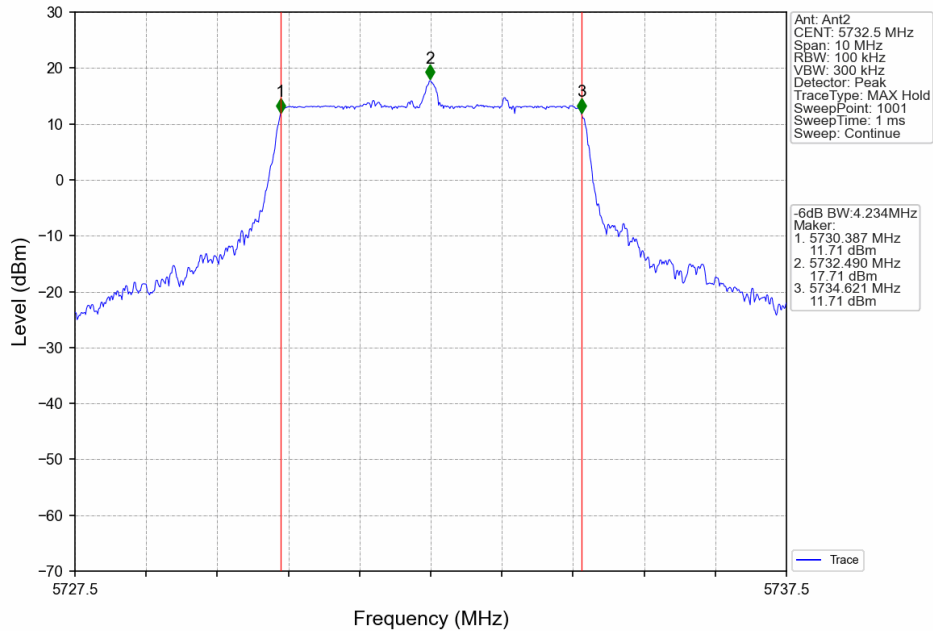
### 3M\_MCH\_5784.5MHz\_Ant2\_NTNV



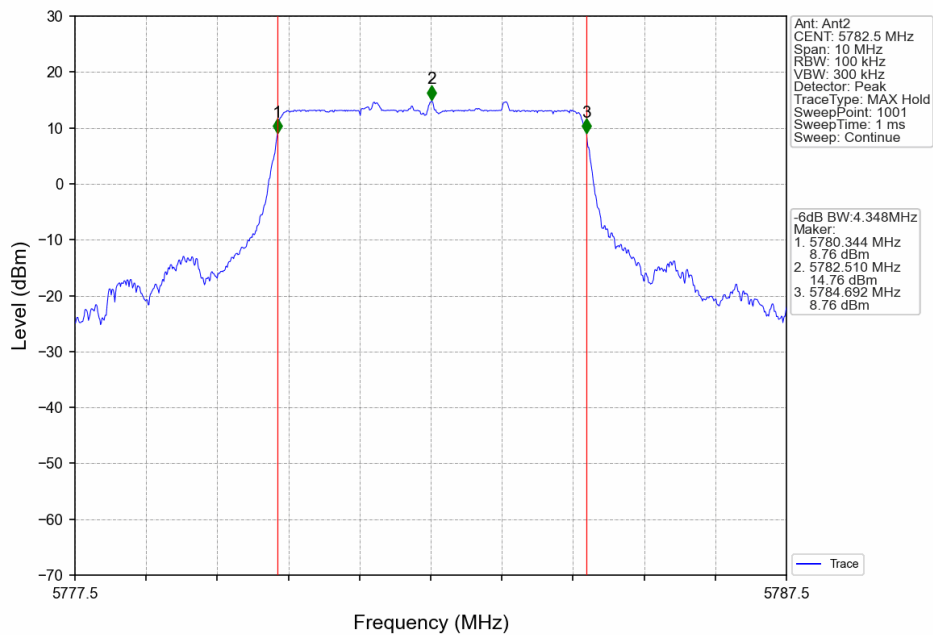
### 3M\_HCH\_5847.2MHz\_Ant2\_NTNV



### 5M\_LCH\_5732.5MHz\_Ant2\_NTNV



### 5M\_MCH\_5782.5MHz\_Ant2\_NTNV



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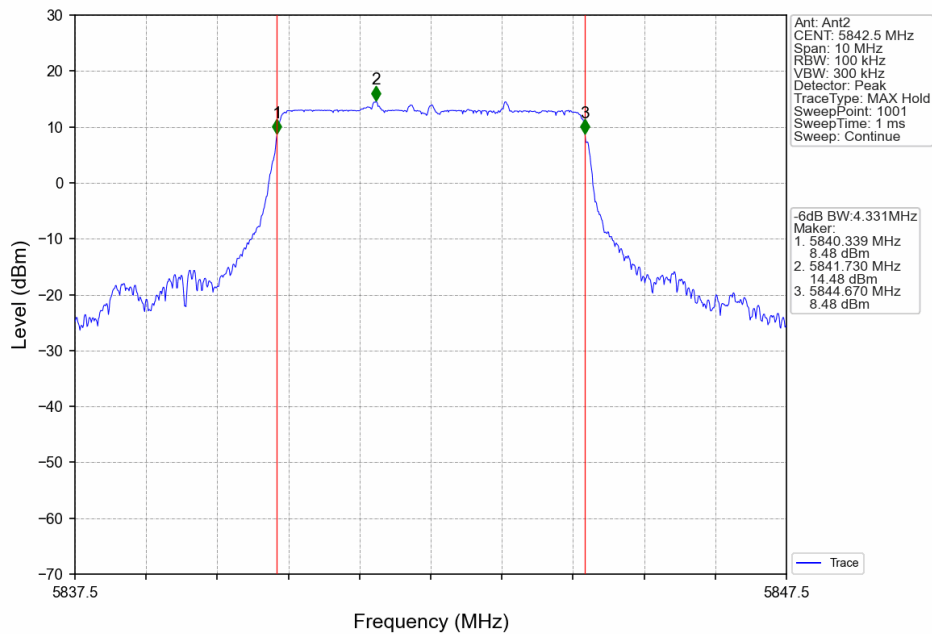
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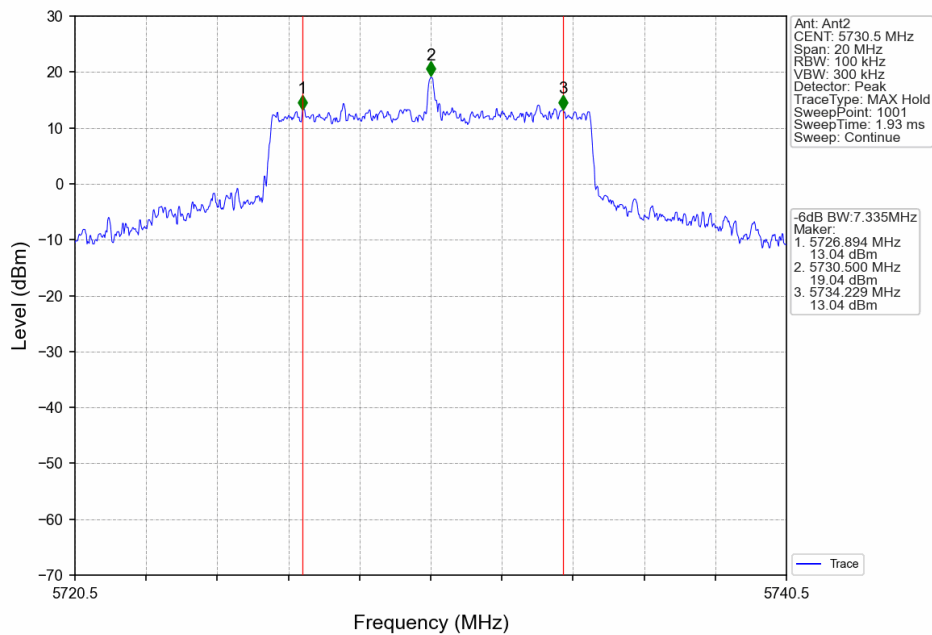
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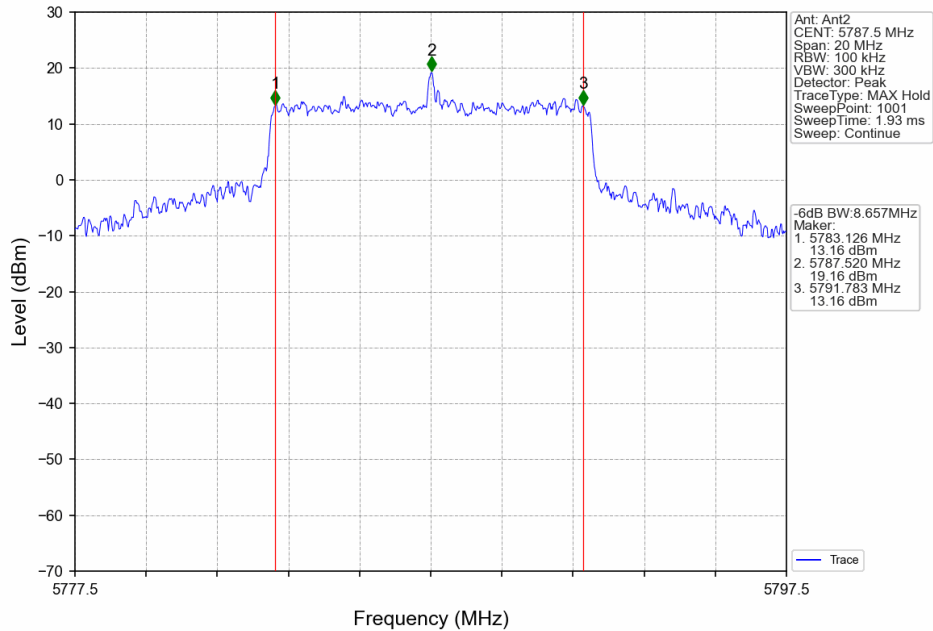
### 5M\_HCH\_5842.5MHz\_Ant2\_NTNV



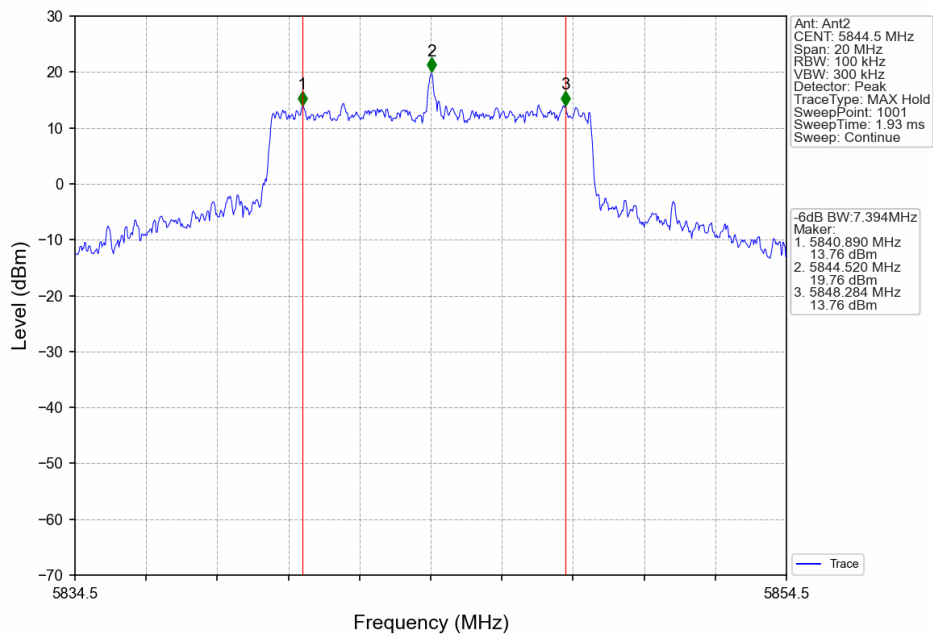
### 10M\_LCH\_5730.5MHz\_Ant2\_NTNV



### 10M\_MCH\_5787.5MHz\_Ant2\_NTNV



### 10M\_HCH\_5844.5MHz\_Ant2\_NTNV



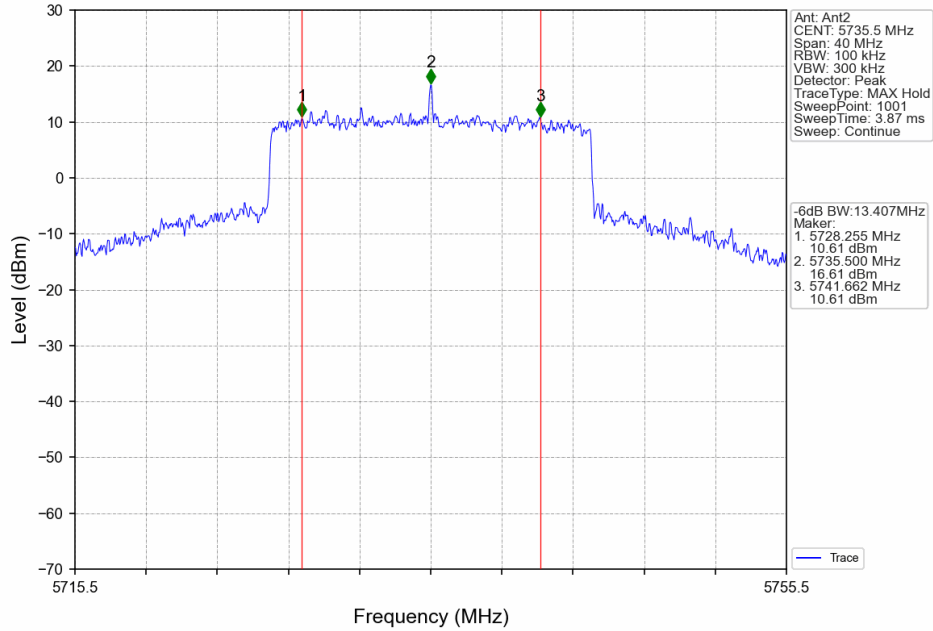
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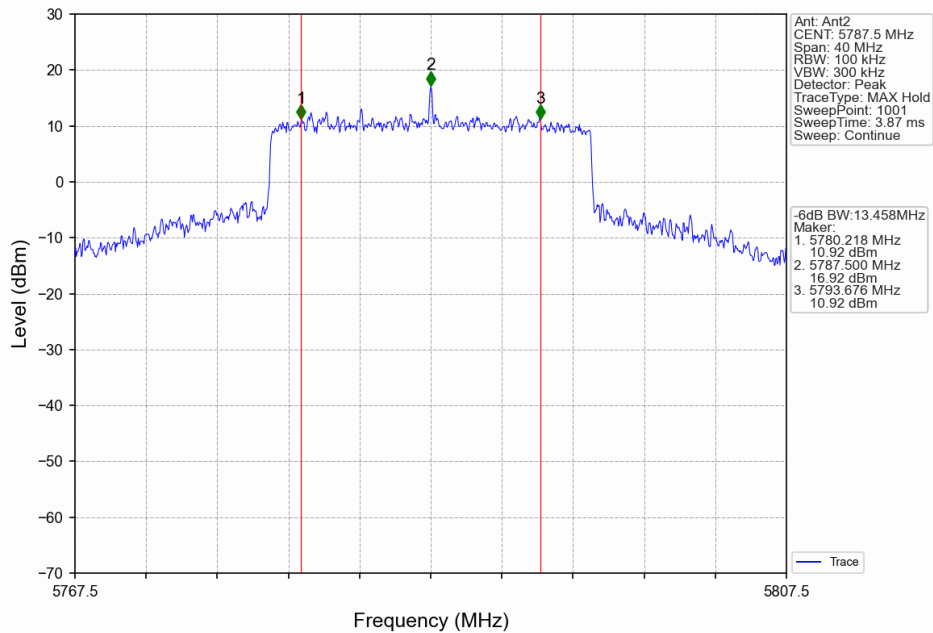
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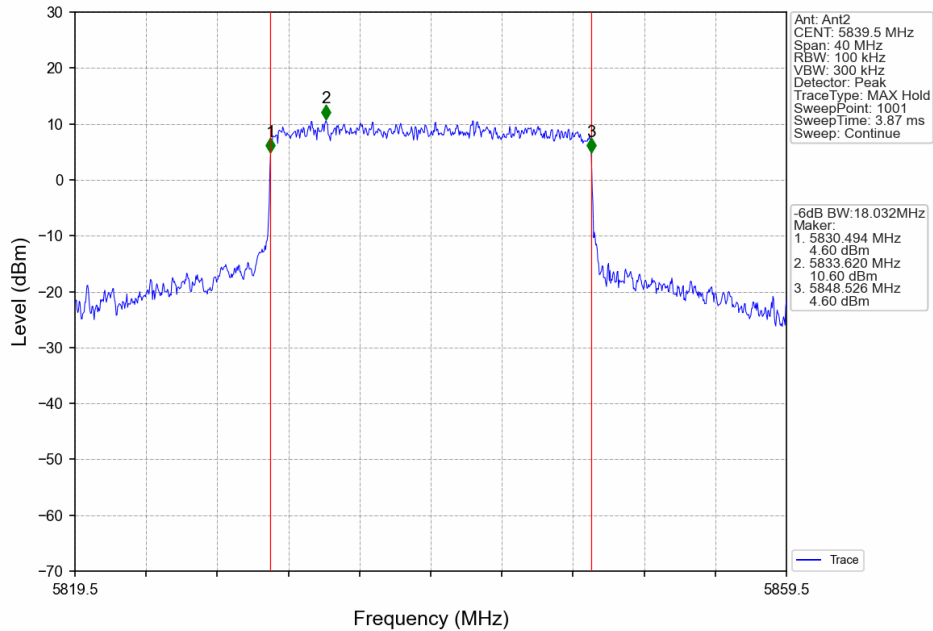
20M\_LCH\_5735.5MHz\_Ant2\_NTNV



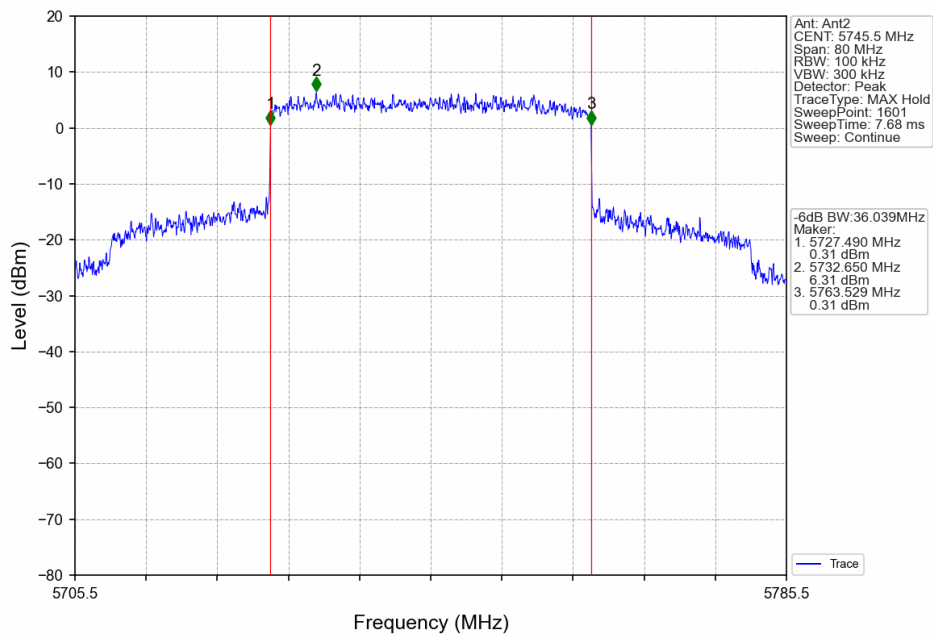
20M\_MCH\_5787.5MHz\_Ant2\_NTNV



### 20M\_HCH\_5839.5MHz\_Ant2\_NTNV

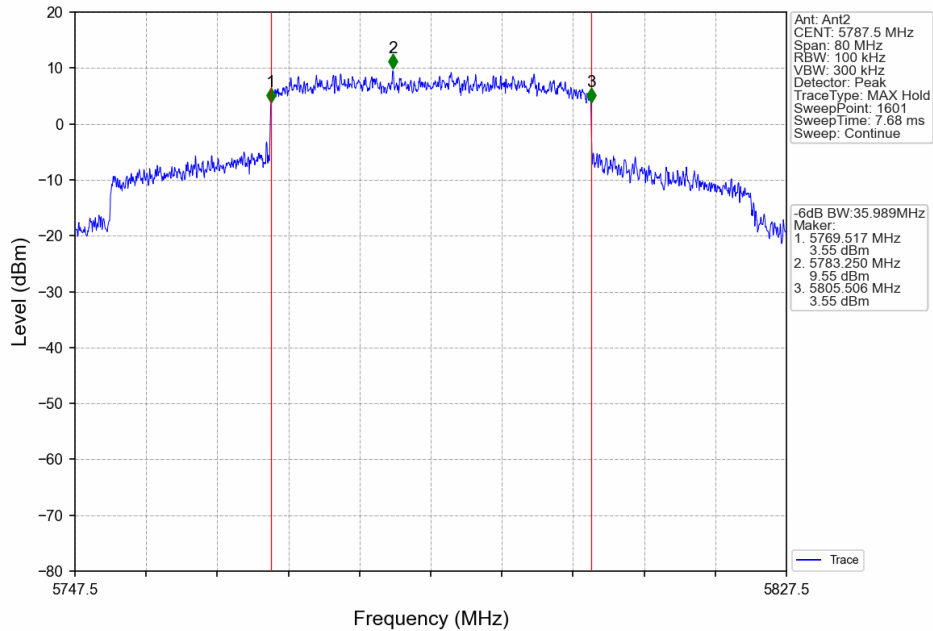


### 40M\_LCH\_5745.5MHz\_Ant2\_NTNV

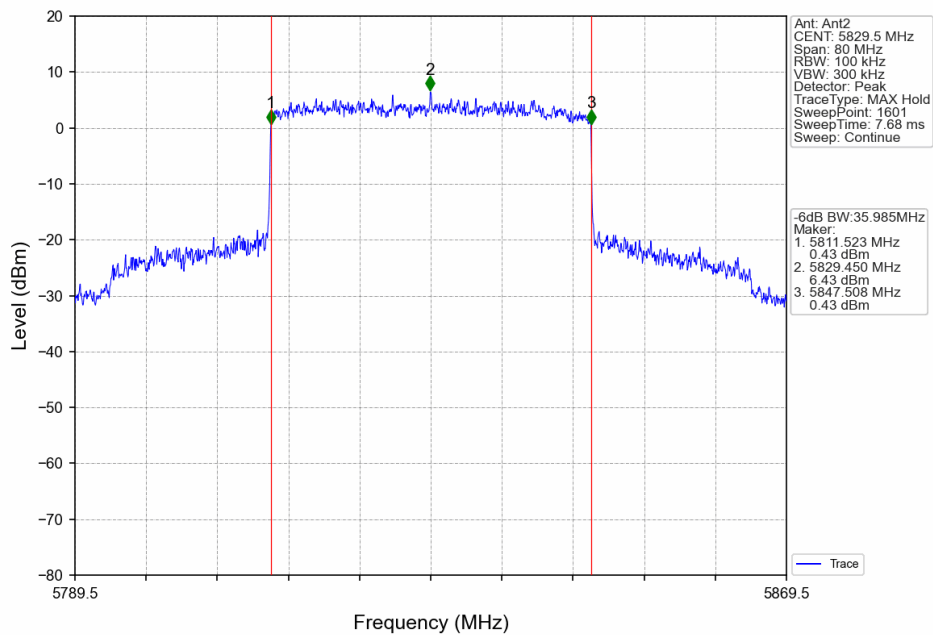




40M\_MCH\_5787.5MHz\_Ant2-NTNV



40M\_HCH\_5829.5MHz\_Ant2-NTNV



## 3. Maximum Conducted Output Power

### 3.1 Power

#### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT2	ANT3	MIMO	Limit	
1.4M	MIMO	5728.5	20.15	20.09	23.13	<=30	Pass
		5786.5	20.81	20.65	23.74	<=30	Pass
		5846.12	20.61	20.12	23.38	<=30	Pass
3M	MIMO	5727.5	21.03	20.05	23.58	<=30	Pass
		5784.5	20.49	19.06	22.84	<=30	Pass
		5847.2	20.20	19.07	22.68	<=30	Pass
5M	MIMO	5732.5	20.36	20.00	23.19	<=30	Pass
		5782.5	19.96	19.48	22.74	<=30	Pass
		5842.5	19.62	19.99	22.82	<=30	Pass
10M	MIMO	5730.5	24.55	24.78	27.68	<=30	Pass
		5787.5	25.06	25.68	28.39	<=30	Pass
		5844.5	25.33	25.57	28.46	<=30	Pass
20M	MIMO	5735.5	24.31	24.73	27.54	<=30	Pass
		5787.5	25.02	25.68	28.37	<=30	Pass
		5839.5	24.23	24.22	27.24	<=30	Pass
40M	MIMO	5745.5	23.39	23.20	26.31	<=30	Pass
		5787.5	24.12	24.56	27.36	<=30	Pass
		5829.5	23.52	23.37	26.46	<=30	Pass

Note1: Antenna Gain: Ant2: 3.00dBi; Ant3: 3.00dBi;

Note2: Directional Gain = gain of individual transmit antennas (dBi) + array gain (dB)=3dBi

Array Gain = 0 dB for  $N_{ANT} \leq 4$

## 4. Maximum Power Spectral Density

### 4.1 PSD-Band3

#### 4.1.1 Test Result

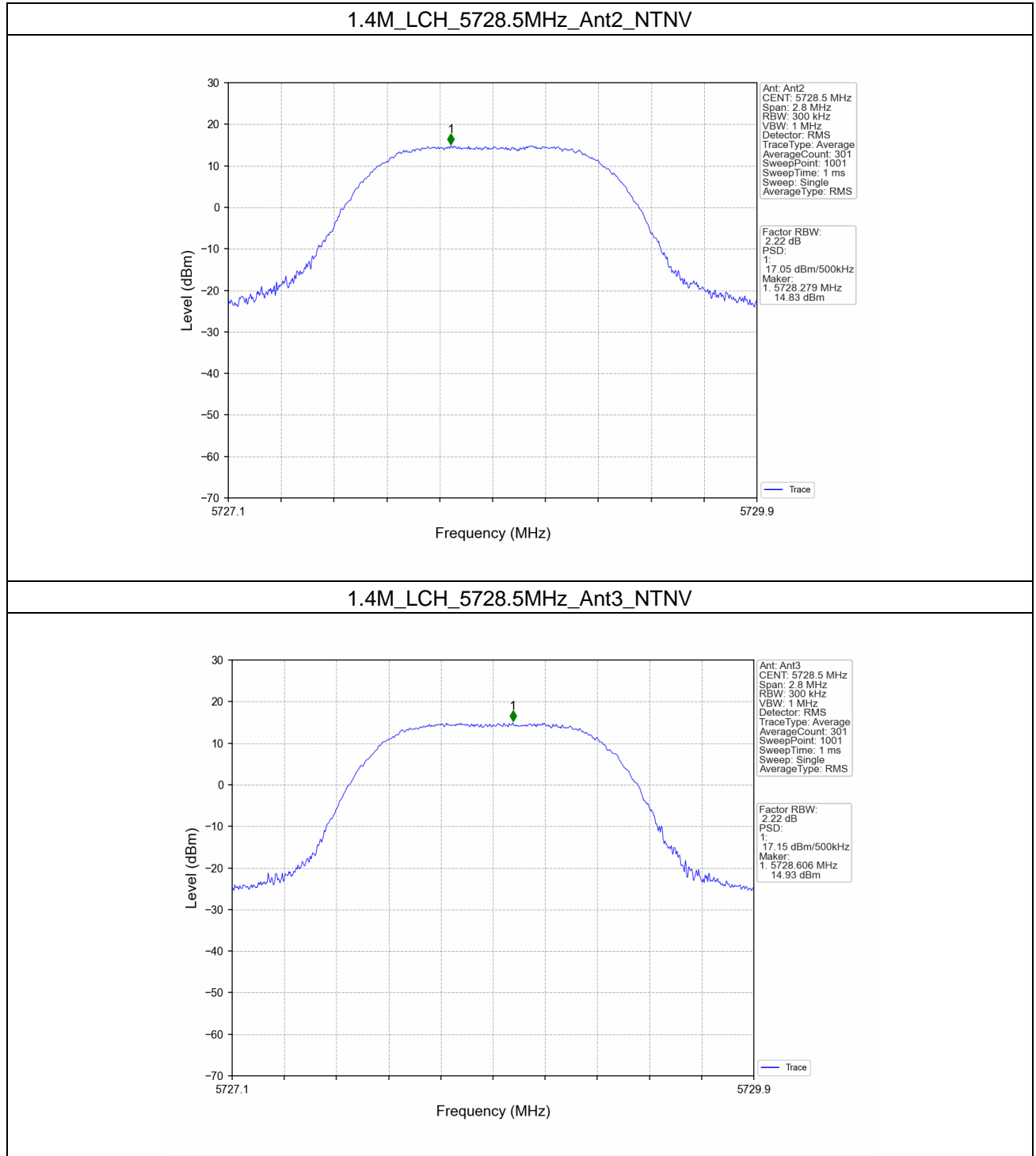
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT2	ANT3	MIMO	Limit	
1.4M	MIMO	5728.5	17.05	17.15	19.89	<=29.99	Pass
		5786.5	20.47	17.92	22.23	<=29.99	Pass
		5846.12	20.12	15.93	21.47	<=29.99	Pass
3M	MIMO	5727.5	19.76	15.95	21.16	<=29.99	Pass
		5784.5	19.10	15.05	20.45	<=29.99	Pass
		5847.2	19.13	15.43	20.61	<=29.99	Pass
5M	MIMO	5732.5	16.24	13.11	17.90	<=29.99	Pass
		5782.5	13.50	12.03	15.77	<=29.99	Pass
		5842.5	12.81	12.80	15.78	<=29.99	Pass
10M	MIMO	5730.5	18.98	15.55	20.60	<=29.99	Pass
		5787.5	18.39	15.20	19.96	<=29.99	Pass
		5844.5	19.14	15.43	20.65	<=29.99	Pass
20M	MIMO	5735.5	15.40	10.60	16.62	<=29.99	Pass
		5787.5	15.64	11.56	17.02	<=29.99	Pass
		5839.5	16.45	10.24	17.38	<=29.99	Pass
40M	MIMO	5745.5	4.36	7.53	9.24	<=29.99	Pass
		5787.5	6.48	7.15	9.68	<=29.99	Pass
		5829.5	5.20	4.80	8.02	<=29.99	Pass

Note1: Antenna Gain: Ant2: 3.00dBi; Ant3: 3.00dBi;

Note2: Directional Gain = gain of individual transmit antennas (dBi) + array gain (dB)=6.01dBi

Array gain =  $10 \log(N_{ANT})$ , where  $N_{ANT}$  is the number of transmit antennas

### 4.1.2 Test Graph



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