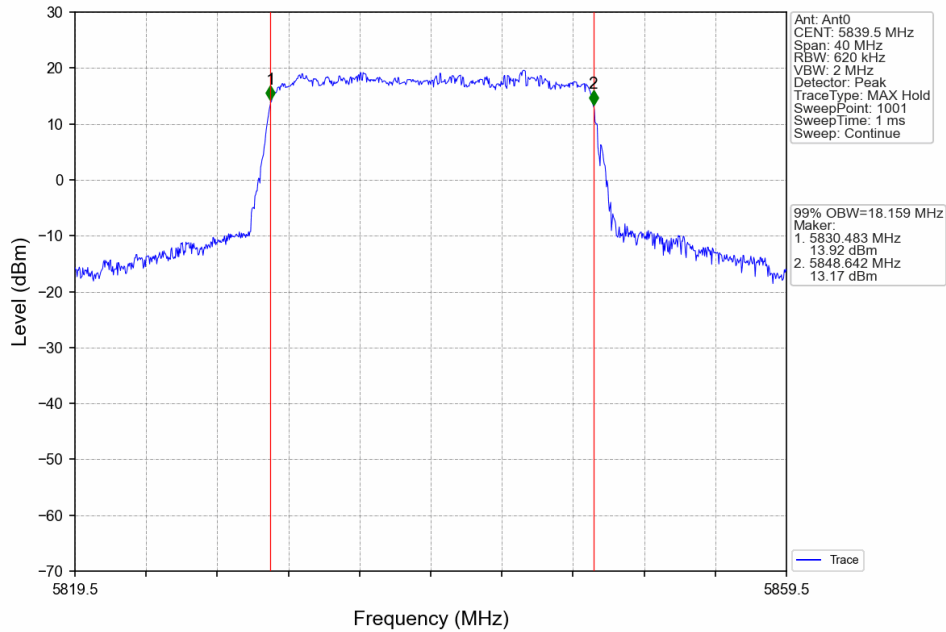
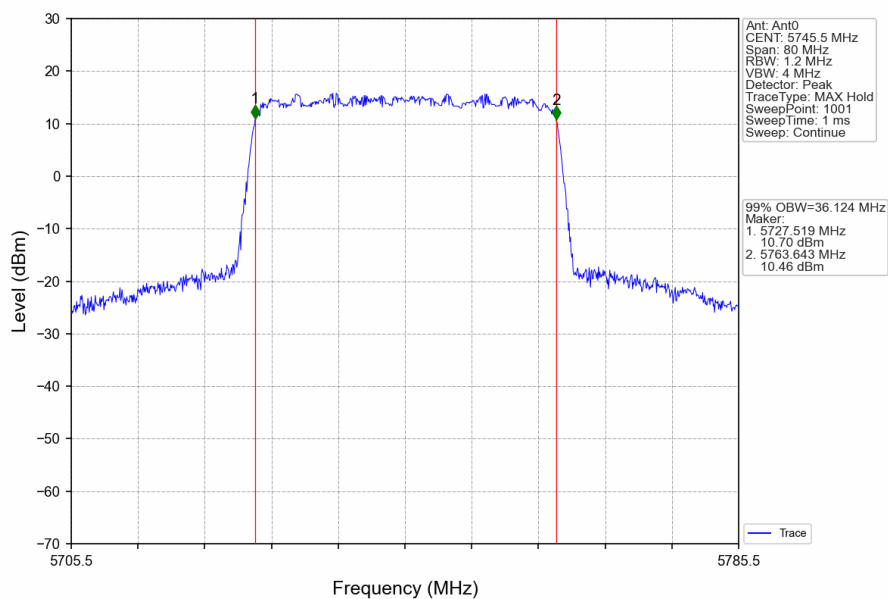


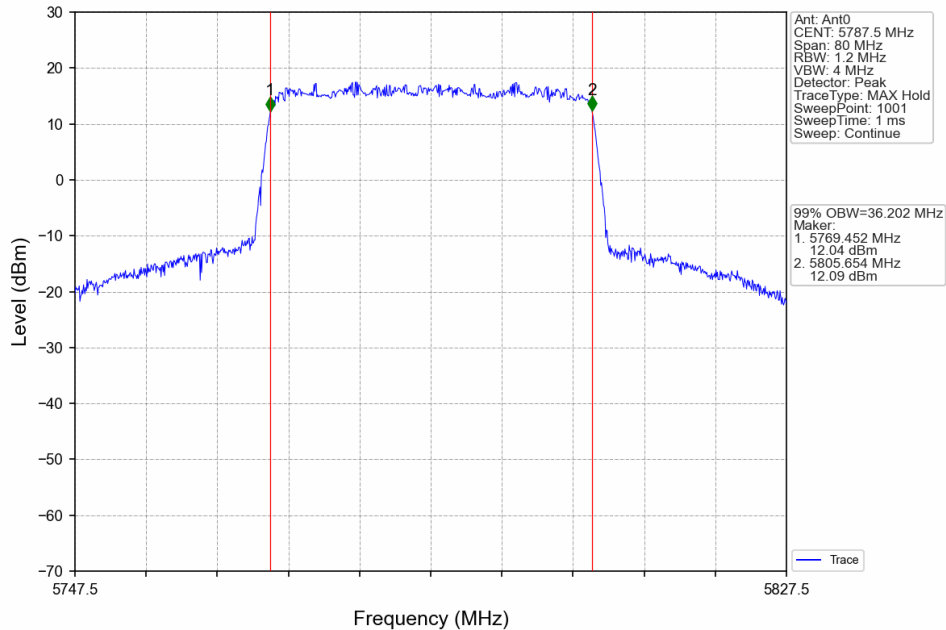
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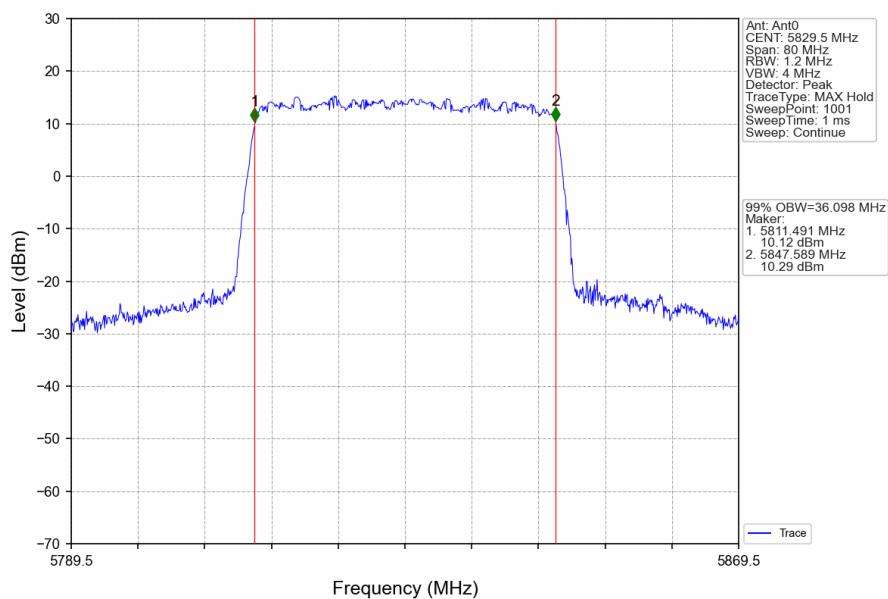
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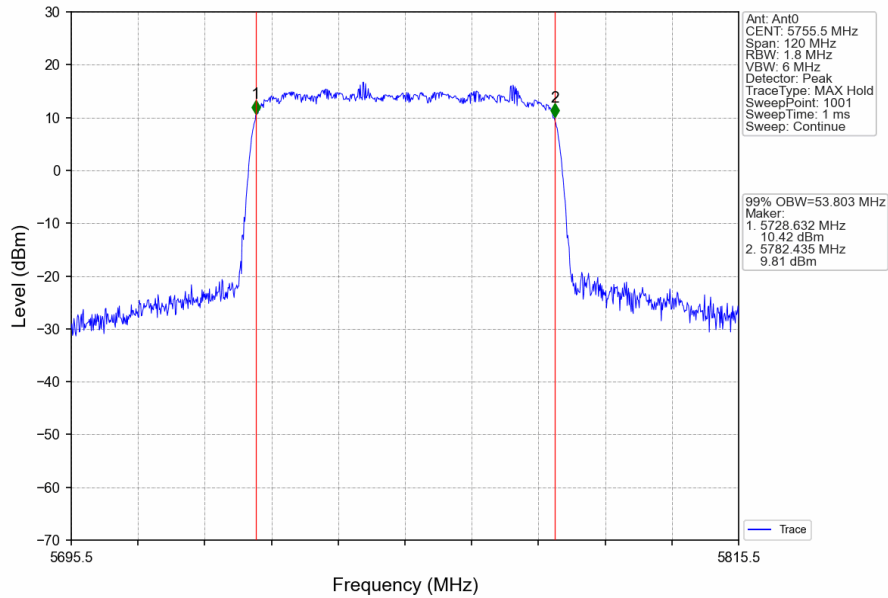
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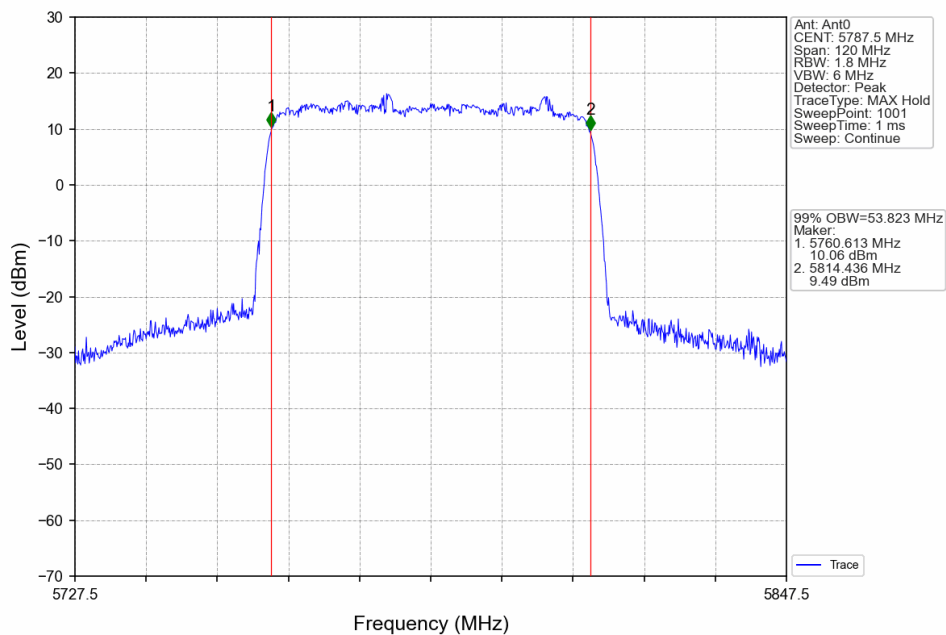
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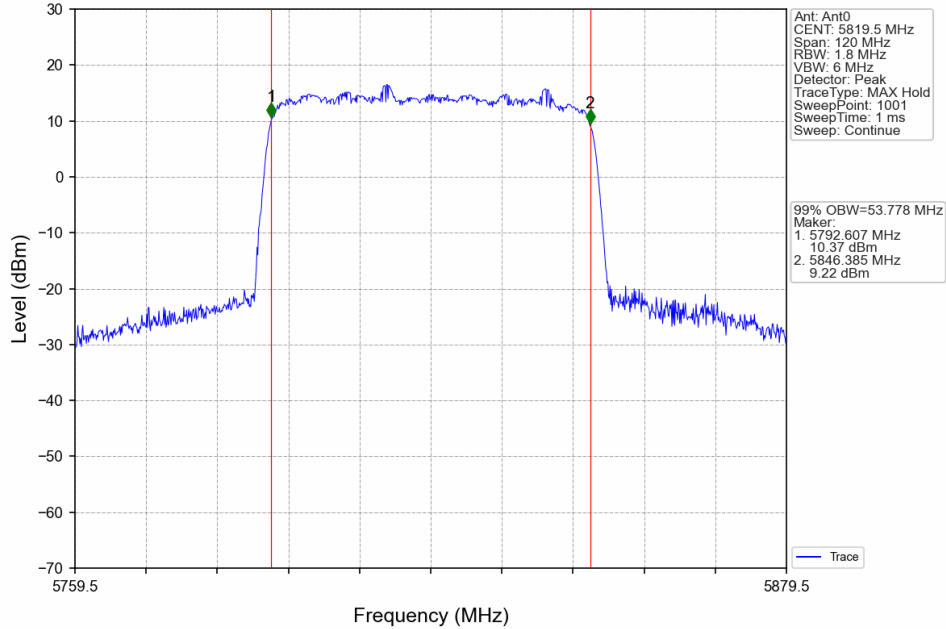
60MHz_LCH_5755.5MHz_Ant0_NTNV



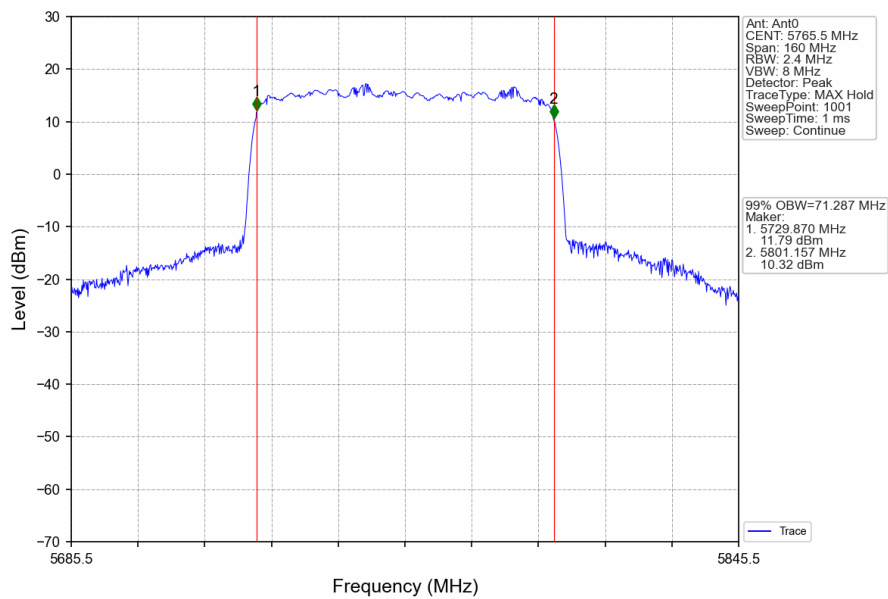
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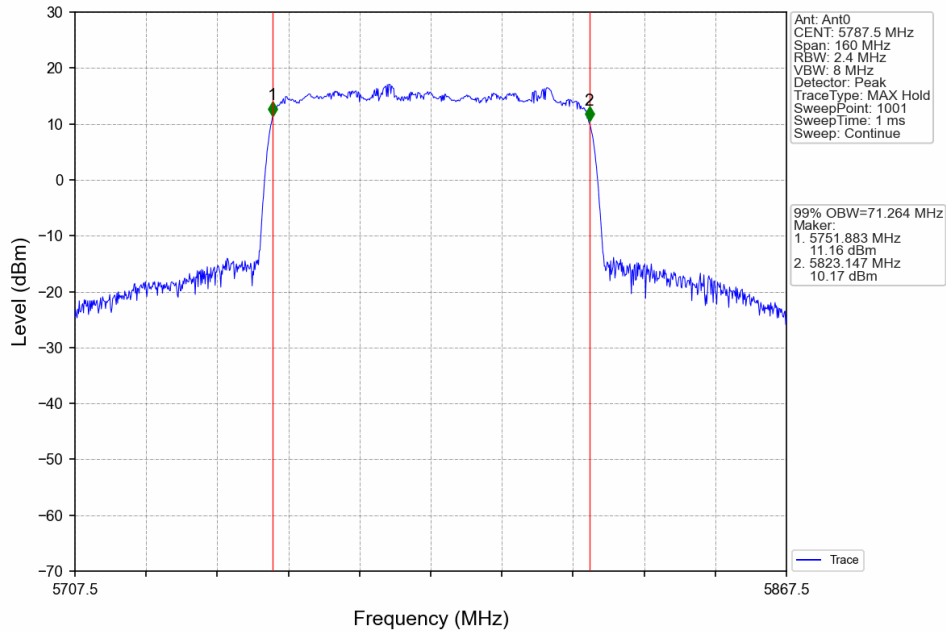
60MHz_HCH_5819.5MHz_Ant0_NTNV



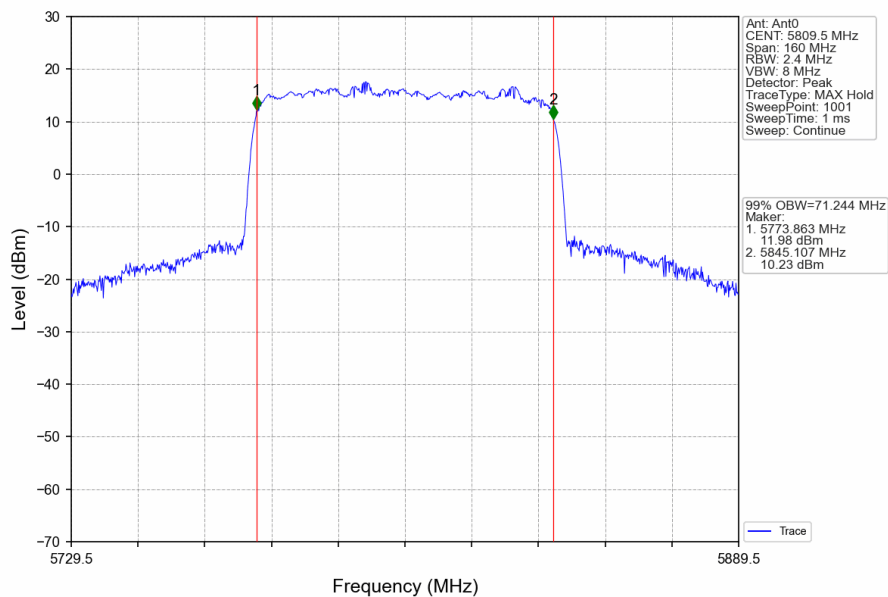
80MHz_LCH_5765.5MHz_Ant0_NTNV



80MHz_MCH_5787.5MHz_Ant0_NTNV



80MHz_HCH_5809.5MHz_Ant0_NTNV



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

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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	
1.4MHz	MIMO	5728.5	0	1.087	≥ 0.5	Pass
		5786.5	0	1.072	≥ 0.5	Pass
		5846.12	0	1.130	≥ 0.5	Pass
3MHz	MIMO	5727.5	0	2.159	≥ 0.5	Pass
		5784.5	0	2.145	≥ 0.5	Pass
		5847.2	0	2.177	≥ 0.5	Pass
5MHz	MIMO	5732.5	0	4.163	≥ 0.5	Pass
		5782.5	0	4.179	≥ 0.5	Pass
		5842.5	0	4.200	≥ 0.5	Pass
10MHz	MIMO	5730.5	0	9.097	≥ 0.5	Pass
		5787.5	0	9.069	≥ 0.5	Pass
		5844.5	0	7.863	≥ 0.5	Pass
20MHz	MIMO	5735.5	0	18.012	≥ 0.5	Pass
		5787.5	0	18.001	≥ 0.5	Pass
		5839.5	0	18.003	≥ 0.5	Pass
40MHz	MIMO	5745.5	0	35.991	≥ 0.5	Pass
		5787.5	0	35.989	≥ 0.5	Pass
		5829.5	0	35.991	≥ 0.5	Pass
60MHz	MIMO	5755.5	0	53.726	≥ 0.5	Pass
		5787.5	0	53.714	≥ 0.5	Pass
		5819.5	0	53.716	≥ 0.5	Pass
80MHz	MIMO	5765.5	0	70.960	≥ 0.5	Pass
		5787.5	0	70.963	≥ 0.5	Pass
		5809.5	0	70.956	≥ 0.5	Pass

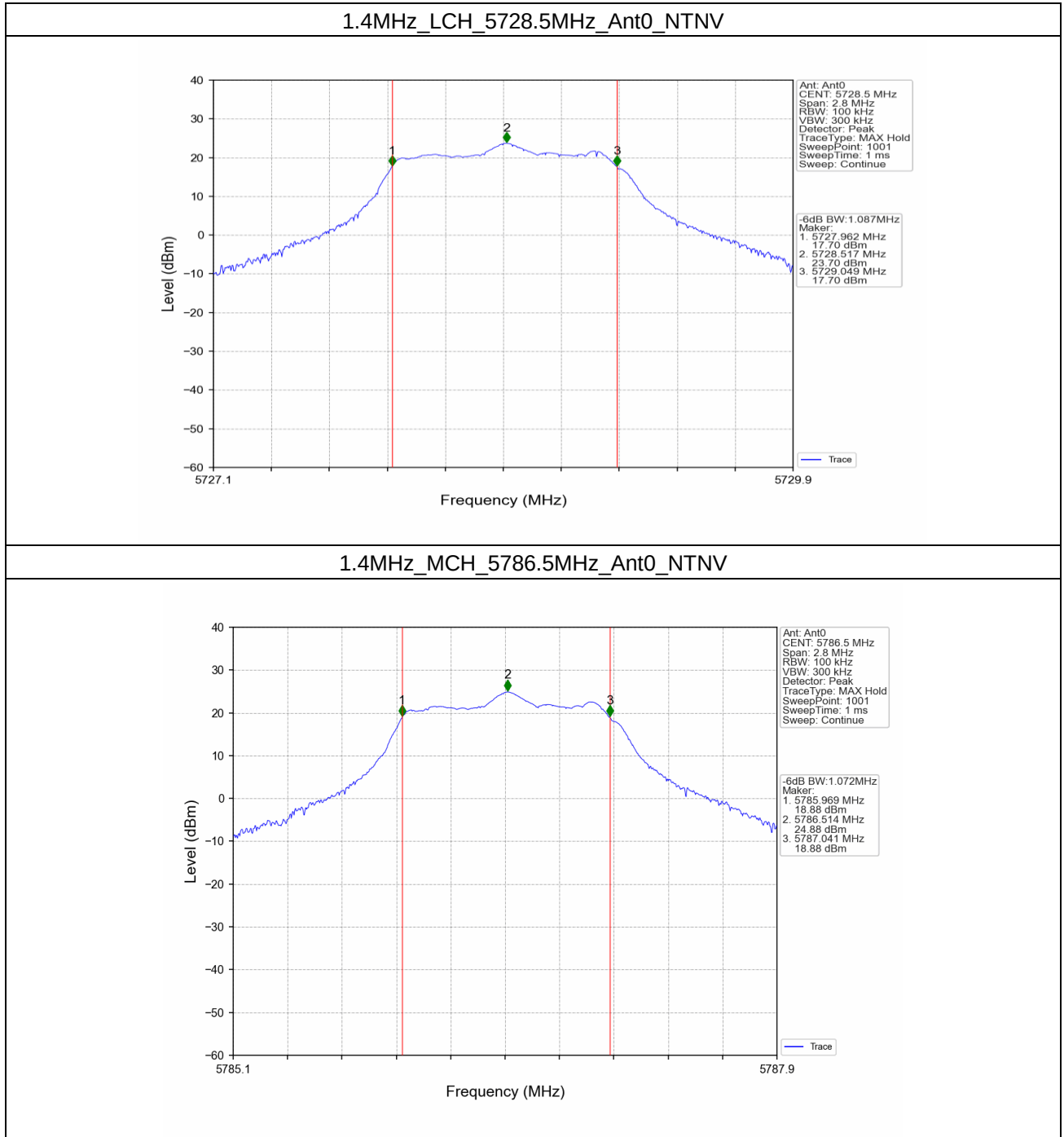


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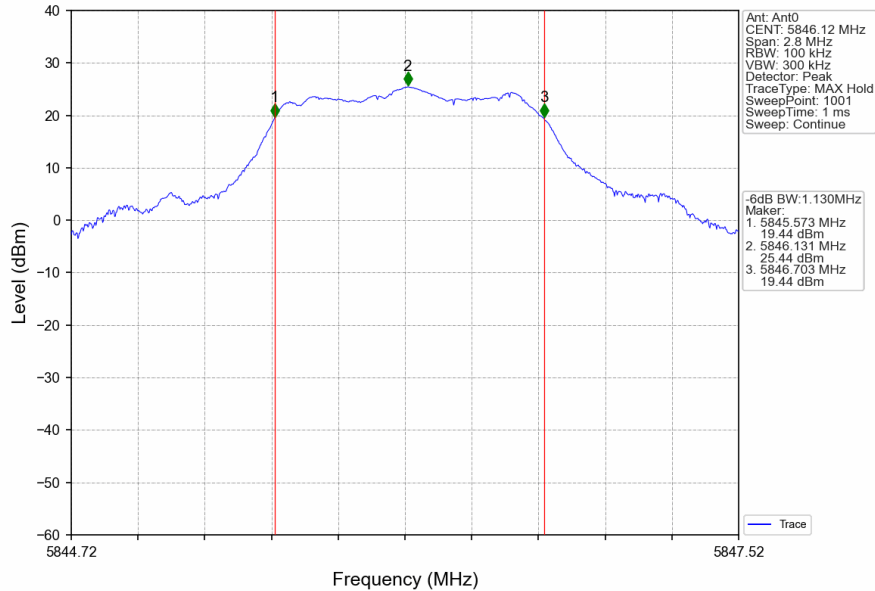
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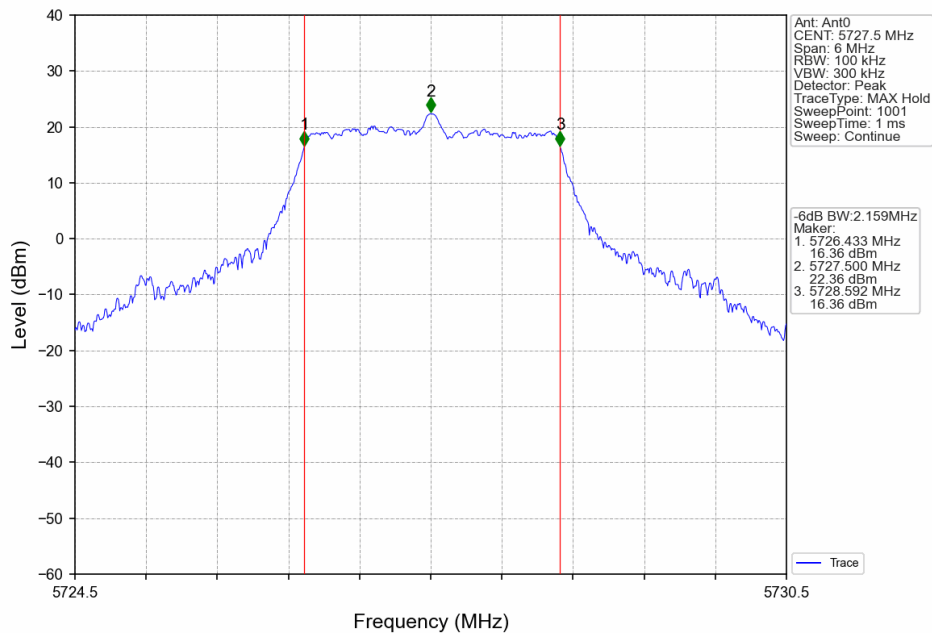
2.2.2 Test Graph



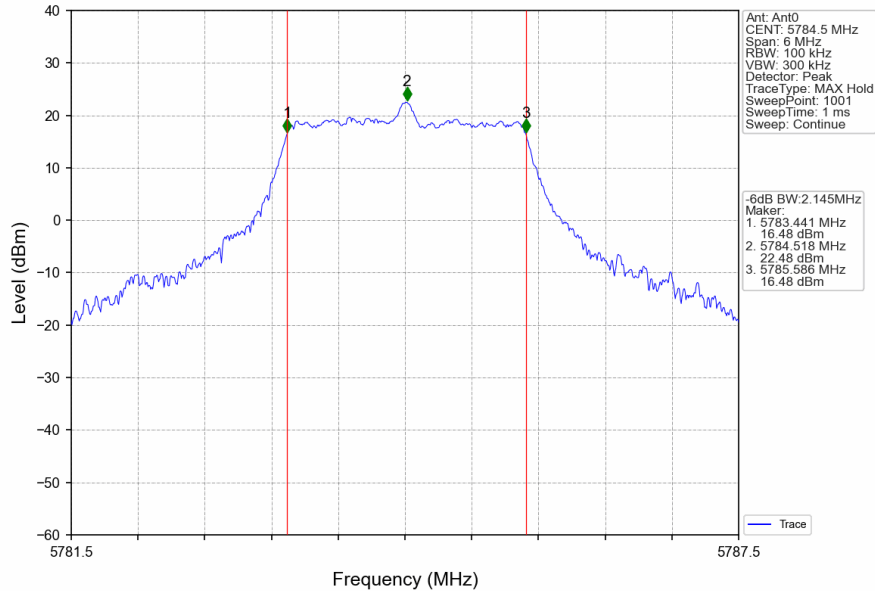
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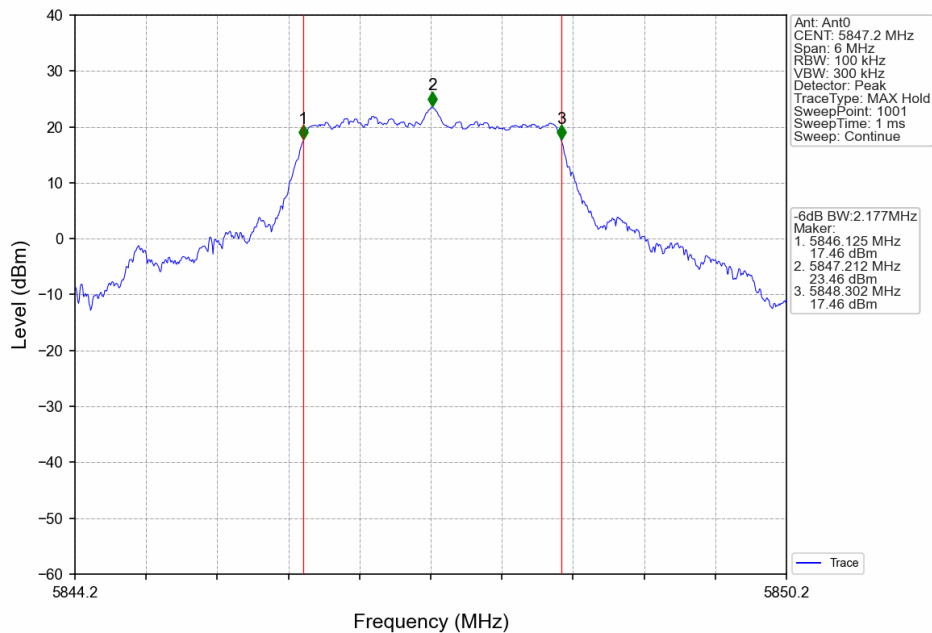
3MHz_LCH_5727.5MHz_Ant0_NTNV



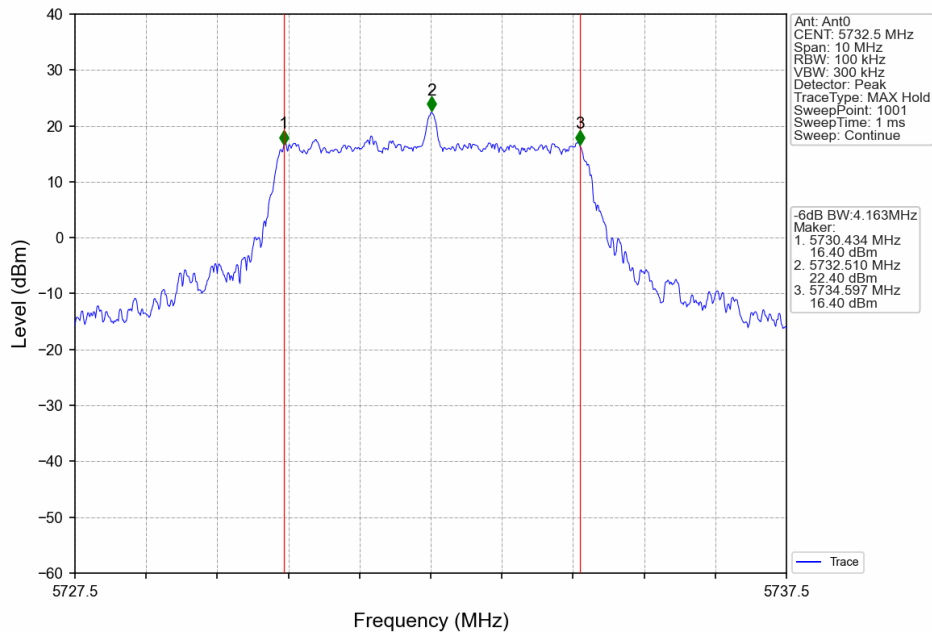
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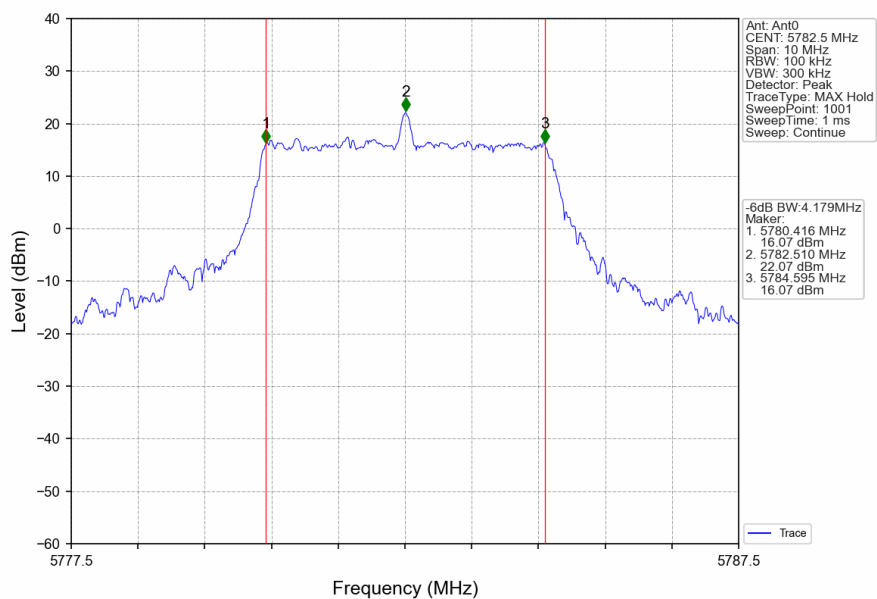
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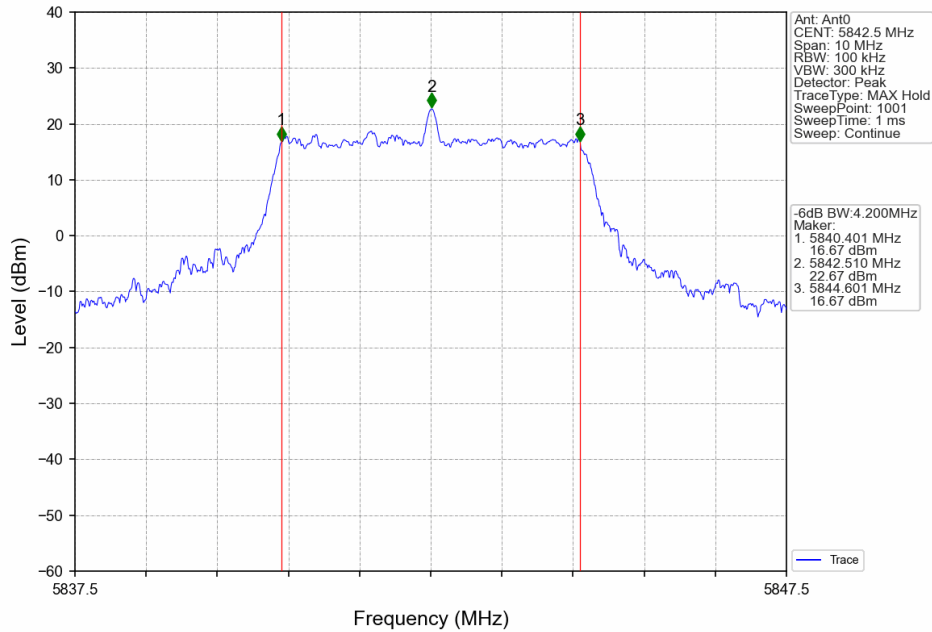
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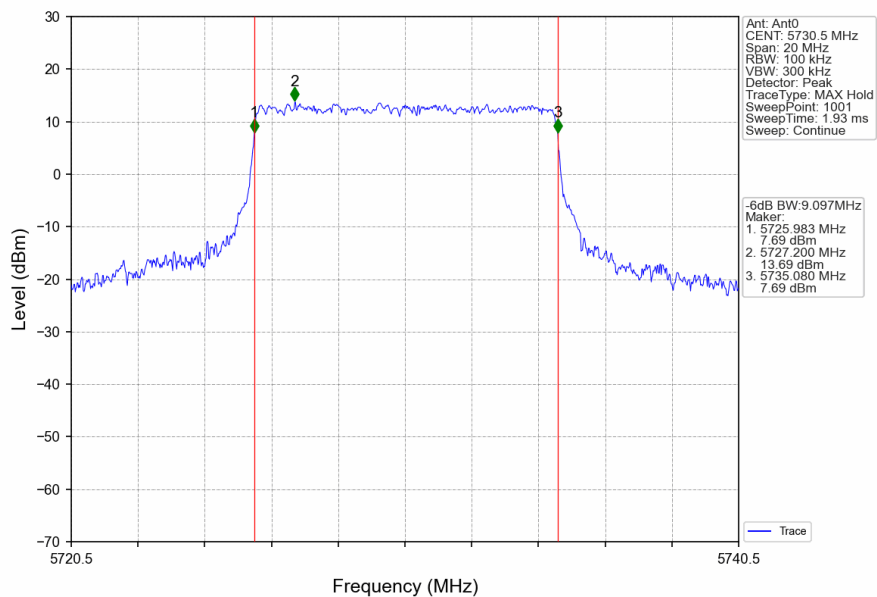
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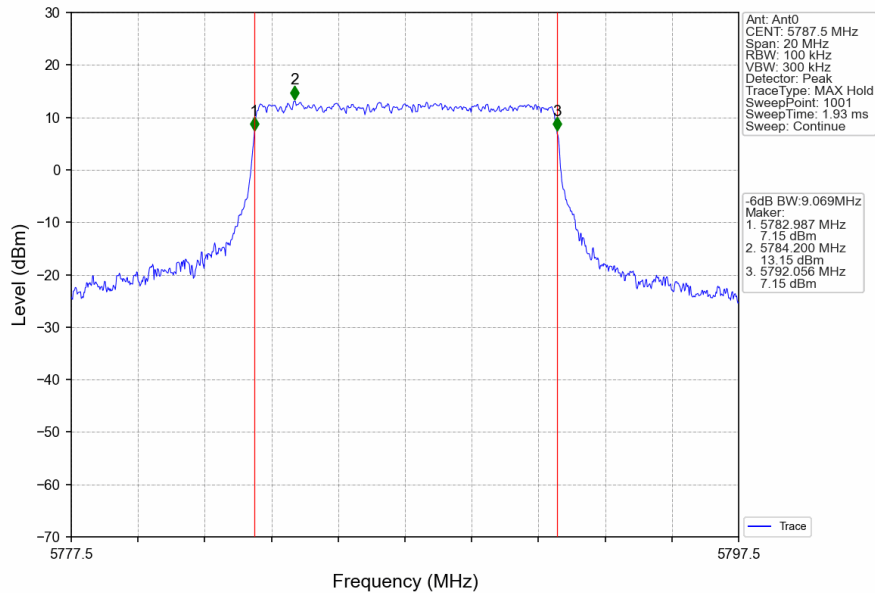
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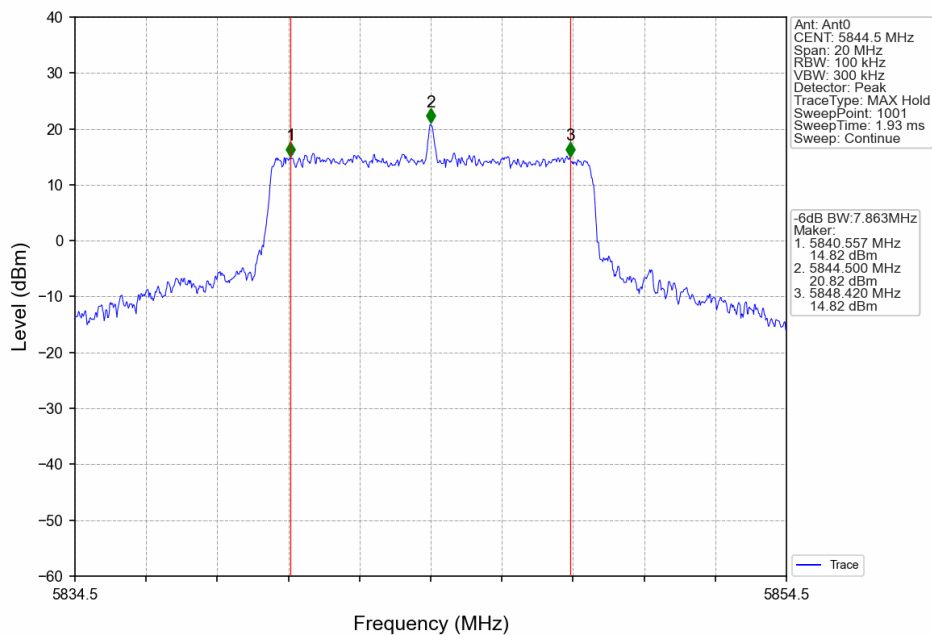
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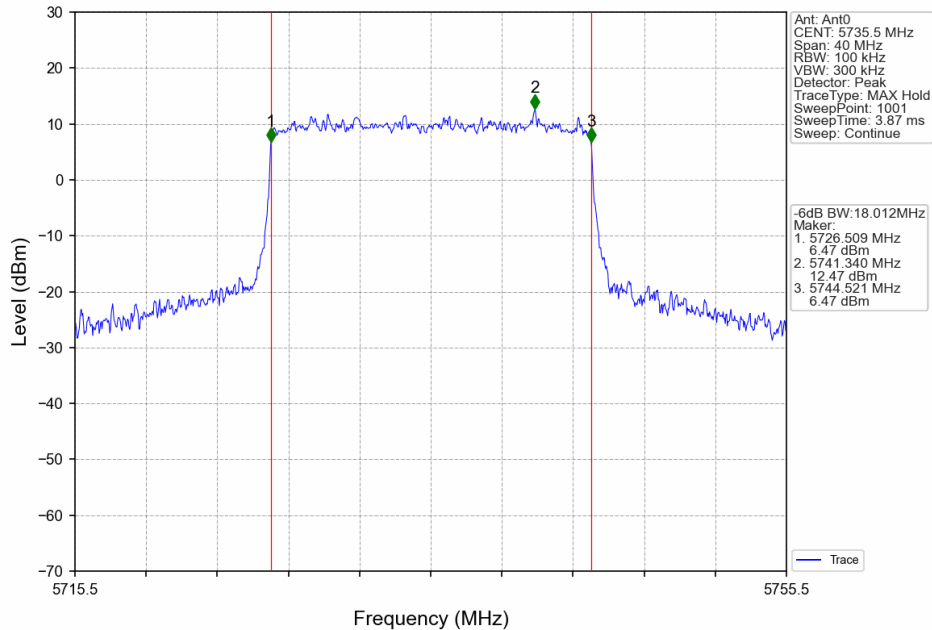
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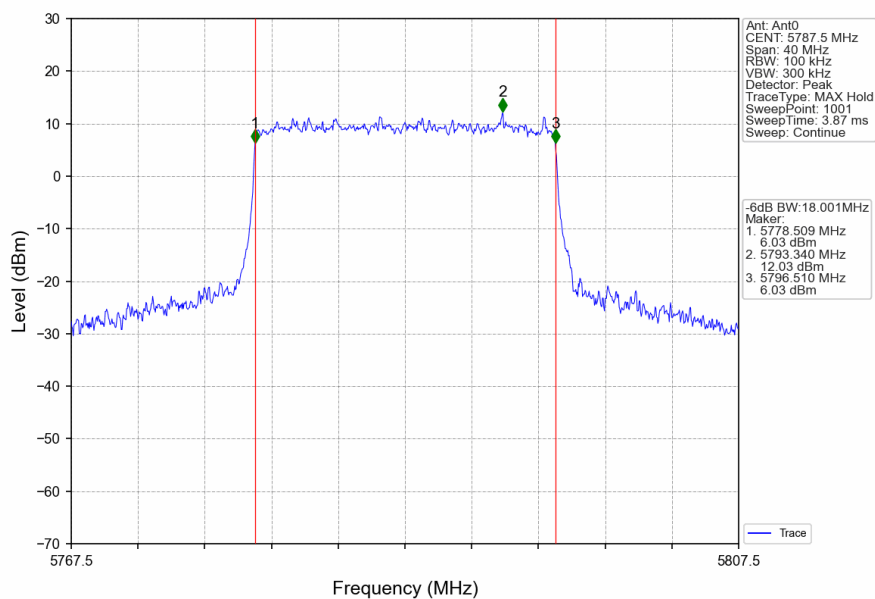
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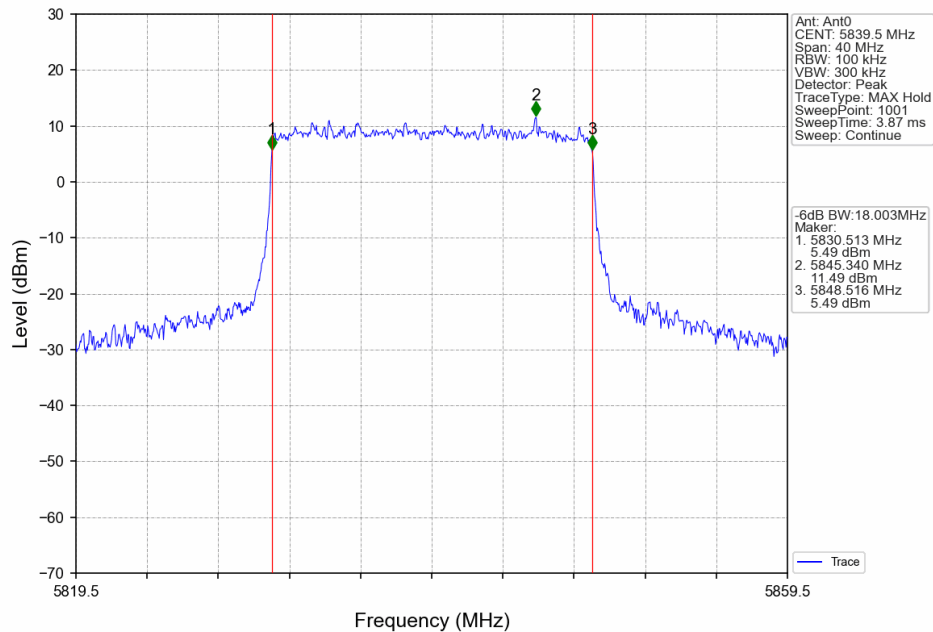
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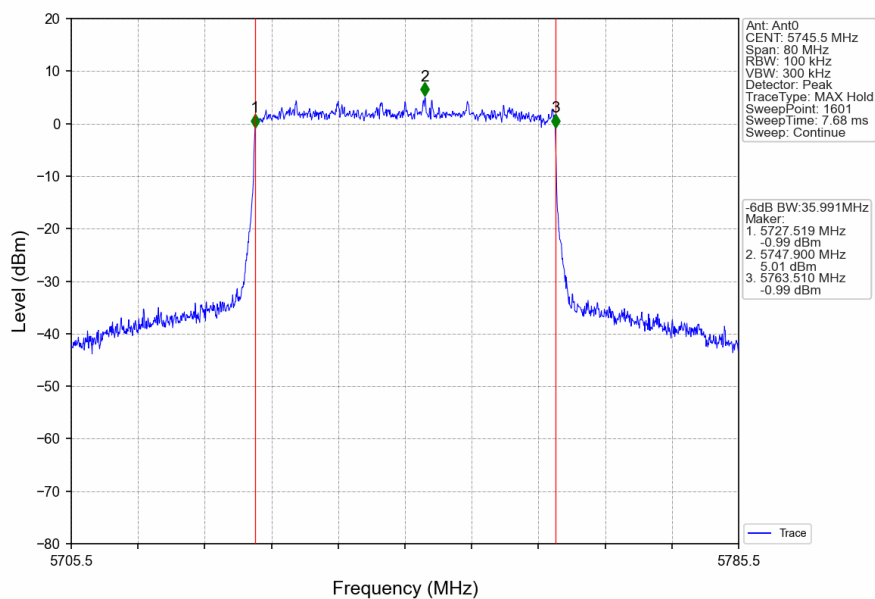
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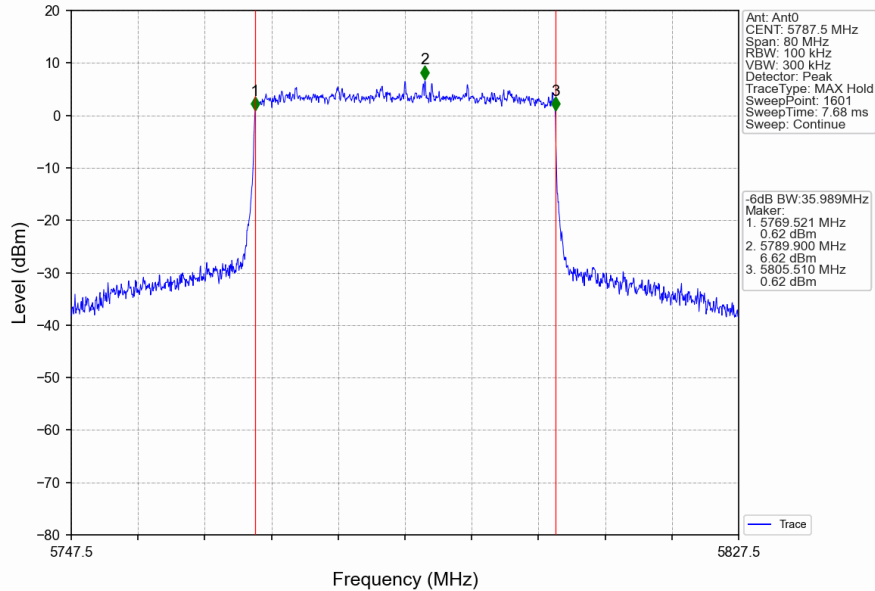
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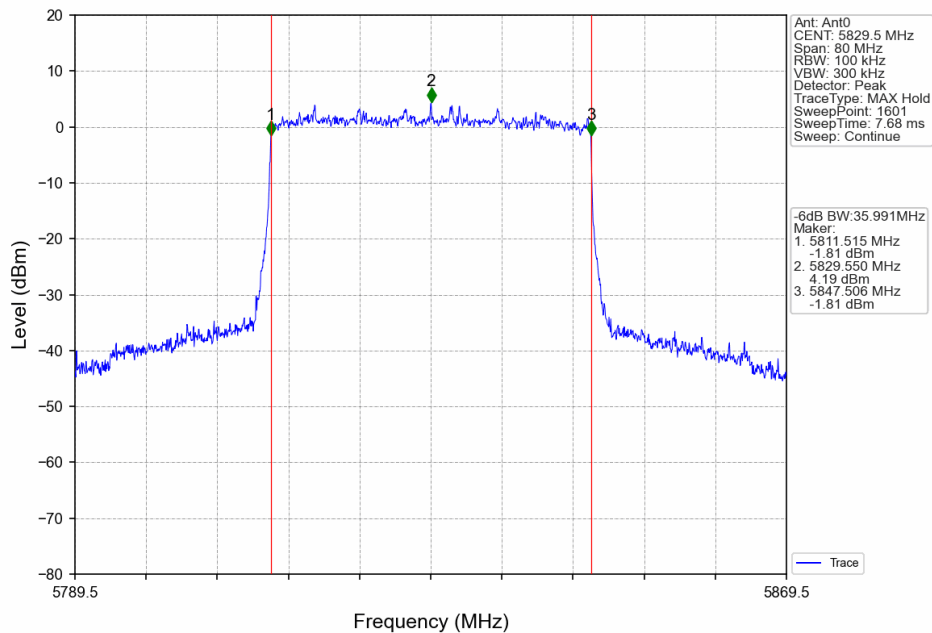
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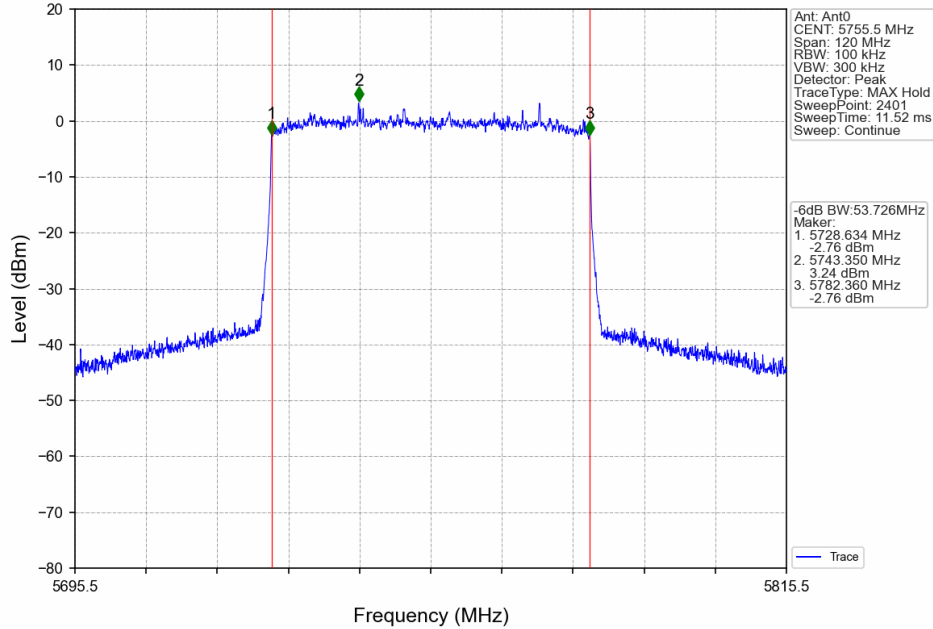
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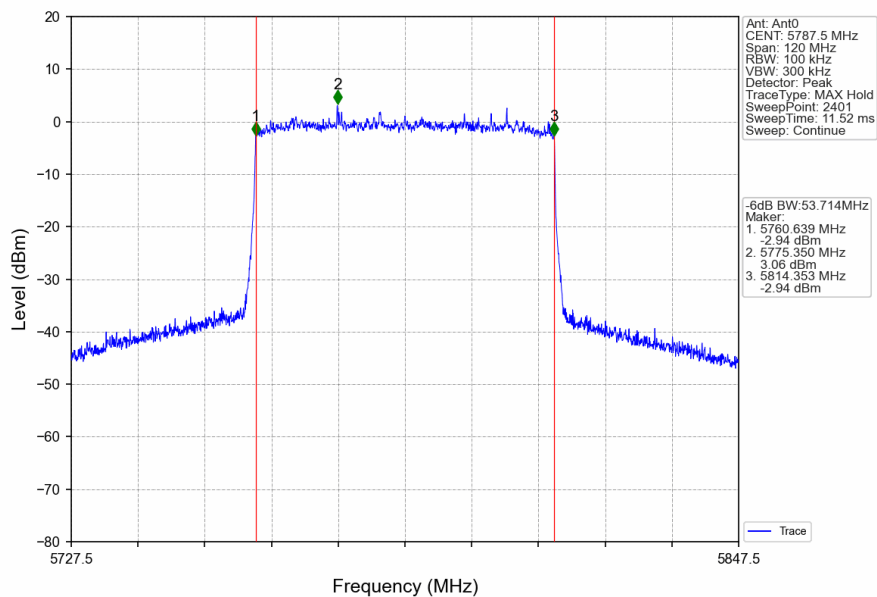
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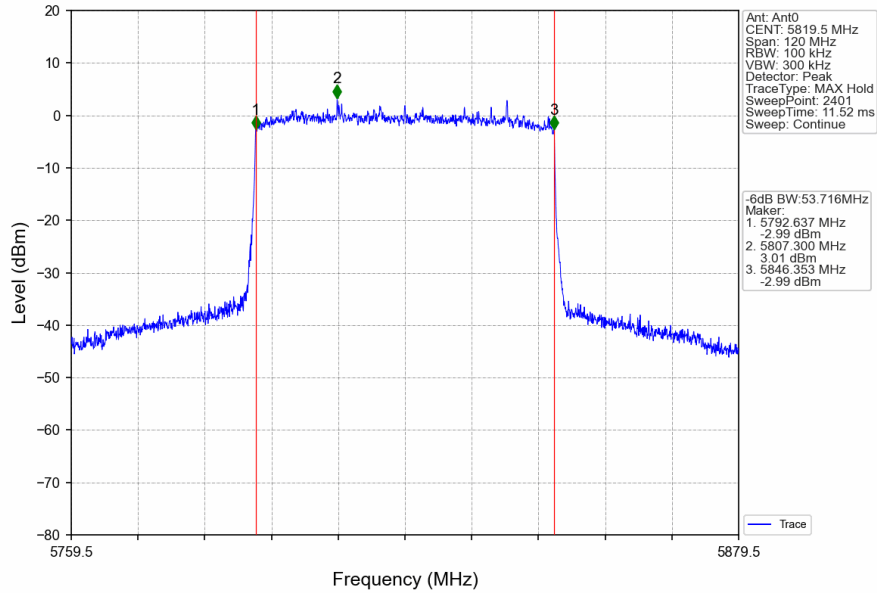
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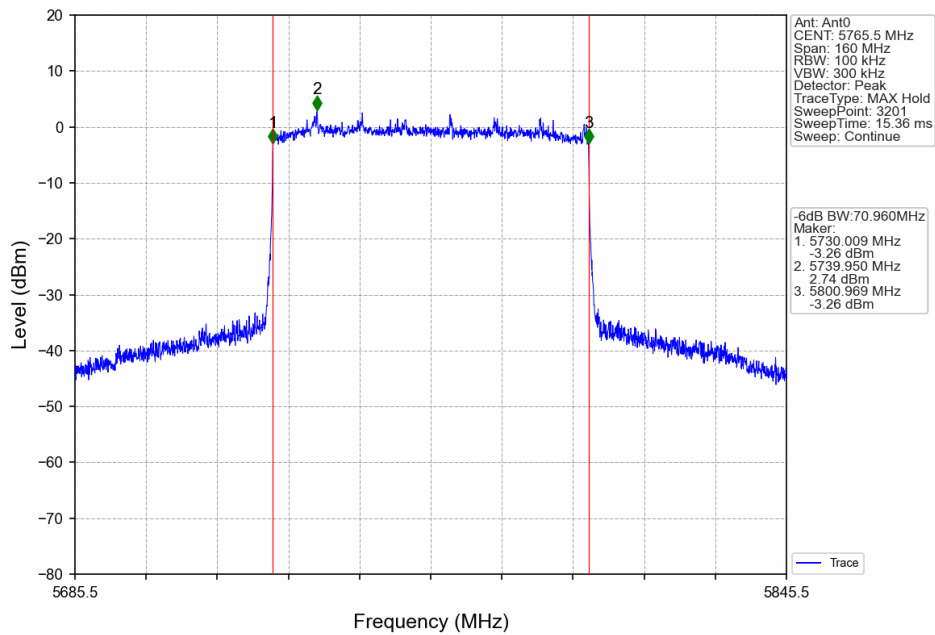
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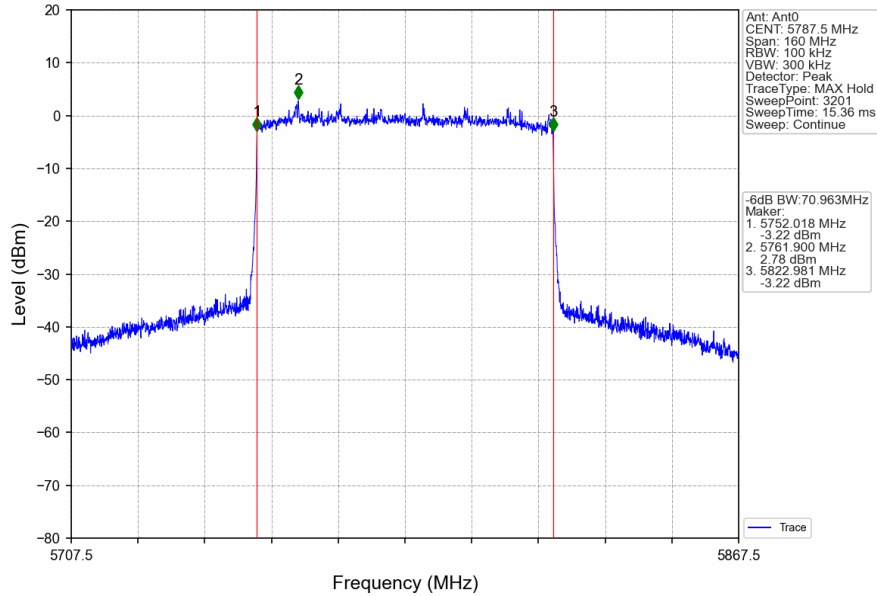
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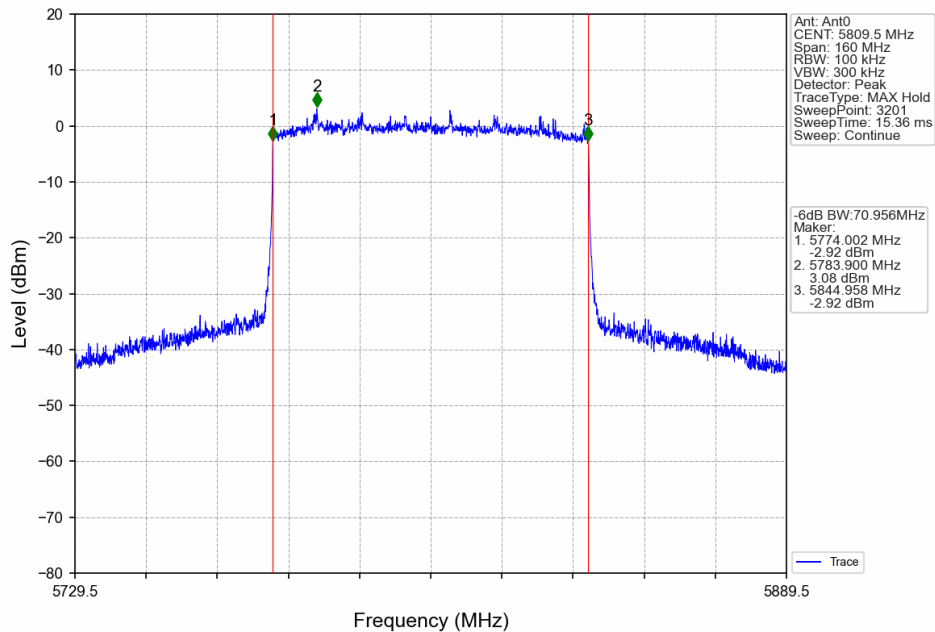
80MHz_LCH_5765.5MHz_Ant0_NTNV



80MHz_MCH_5787.5MHz_Ant0_NTNV



80MHz_HCH_5809.5MHz_Ant0_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
			ANT0	ANT1	MIMO	Limit	
1.4MHz	MIMO	5728.5	24.78	23.63	27.25	<=30	Pass
		5786.5	24.13	23.76	26.96	<=30	Pass
		5846.12	24.85	23.48	27.23	<=30	Pass
3MHz	MIMO	5727.5	25.23	24.04	27.69	<=30	Pass
		5784.5	24.93	24.36	27.66	<=30	Pass
		5847.2	25.01	23.56	27.36	<=30	Pass
5MHz	MIMO	5732.5	24.82	23.56	27.25	<=30	Pass
		5782.5	24.29	23.54	26.94	<=30	Pass
		5842.5	24.81	23.00	27.01	<=30	Pass
10MHz	MIMO	5730.5	24.40	24.82	27.63	<=30	Pass
		5787.5	23.76	24.72	27.28	<=30	Pass
		5844.5	25.16	24.65	27.92	<=30	Pass
20MHz	MIMO	5735.5	25.31	24.63	27.99	<=30	Pass
		5787.5	24.72	25.12	27.93	<=30	Pass
		5839.5	24.58	24.32	27.46	<=30	Pass
40MHz	MIMO	5745.5	19.55	18.76	22.18	<=30	Pass
		5787.5	21.69	21.33	24.52	<=30	Pass
		5829.5	18.67	18.11	21.41	<=30	Pass
60MHz	MIMO	5755.5	19.87	18.92	22.43	<=30	Pass
		5787.5	19.65	19.11	22.40	<=30	Pass
		5819.5	19.62	19.52	22.58	<=30	Pass
80MHz	MIMO	5765.5	19.78	19.35	22.58	<=30	Pass
		5787.5	19.65	19.14	22.41	<=30	Pass
		5809.5	20.02	19.48	22.77	<=30	Pass

Note1: Antenna Gain: Ant0: 4.00dBi; Ant1: 4.00dBi;

Directional gain (dBi) for U-NII-3 = gain of individual transmit antennas (dBi) + array gain (dB)=4dBi

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

4. Maximum Power Spectral Density

4.1 PSD-Band3

4.1.1 Test Result

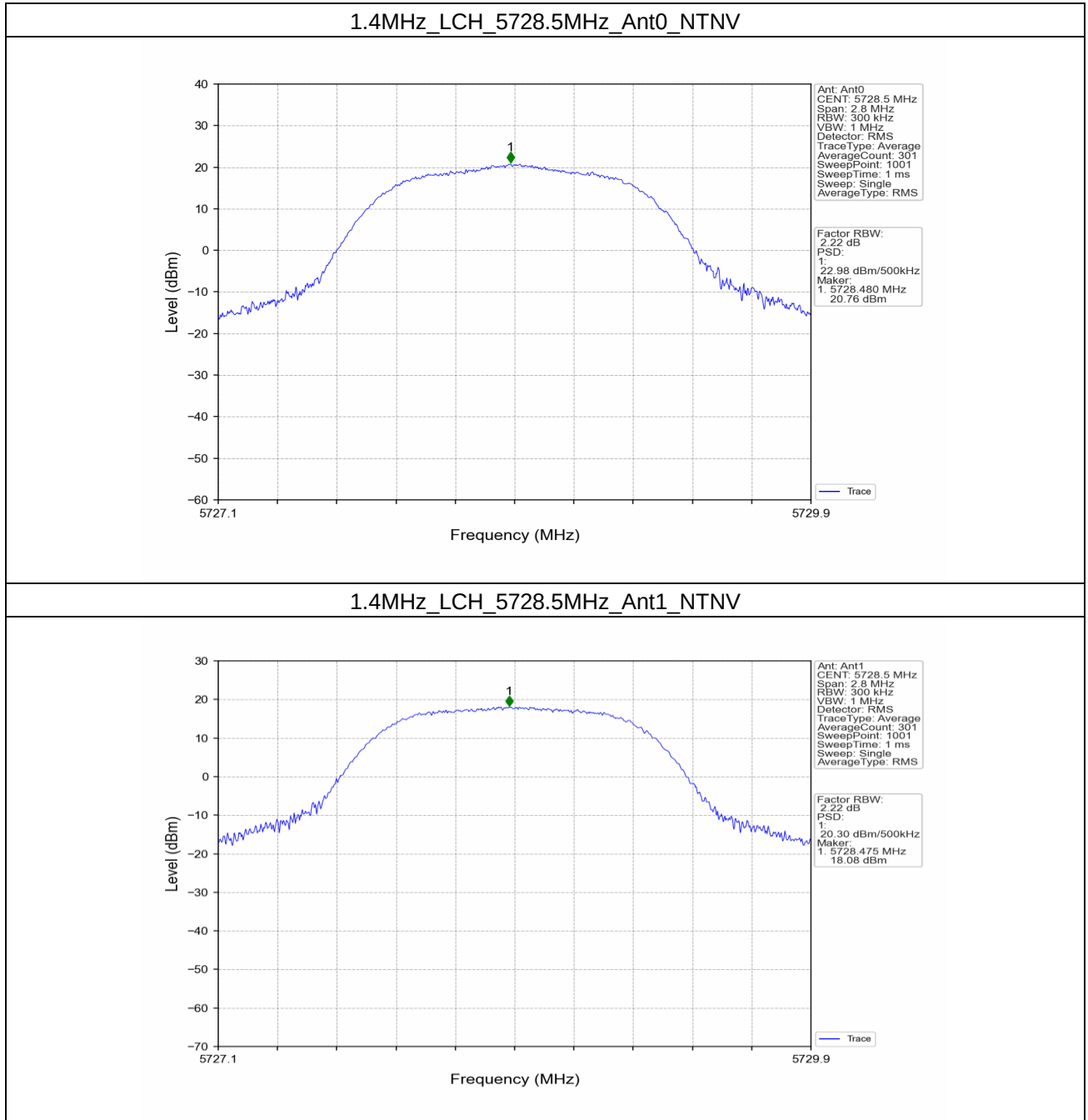
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT0	ANT1	MIMO	Limit	
1.4MHz	MIMO	5728.5	22.98	20.30	24.80	<=28.99	Pass
		5786.5	24.18	22.84	26.54	<=28.99	Pass
		5846.12	25.20	23.50	27.31	<=28.99	Pass
3MHz	MIMO	5727.5	22.28	19.81	24.12	<=28.99	Pass
		5784.5	22.29	19.87	24.19	<=28.99	Pass
		5847.2	23.39	20.55	25.09	<=28.99	Pass
5MHz	MIMO	5732.5	22.11	16.48	23.10	<=28.99	Pass
		5782.5	21.69	17.51	23.04	<=28.99	Pass
		5842.5	22.32	16.11	23.07	<=28.99	Pass
10MHz	MIMO	5730.5	12.87	20.61	21.21	<=28.99	Pass
		5787.5	12.25	20.06	20.66	<=28.99	Pass
		5844.5	20.55	20.58	23.58	<=28.99	Pass
20MHz	MIMO	5735.5	9.93	9.69	12.54	<=28.99	Pass
		5787.5	9.54	9.53	12.32	<=28.99	Pass
		5839.5	8.98	8.87	11.58	<=28.99	Pass
40MHz	MIMO	5745.5	3.03	1.52	5.03	<=28.99	Pass
		5787.5	5.15	4.23	7.73	<=28.99	Pass
		5829.5	2.72	0.74	4.73	<=28.99	Pass
60MHz	MIMO	5755.5	-0.04	-1.13	2.24	<=28.99	Pass
		5787.5	0.32	-0.67	2.80	<=28.99	Pass
		5819.5	1.04	-0.62	3.00	<=28.99	Pass
80MHz	MIMO	5765.5	-0.41	-0.91	2.19	<=28.99	Pass
		5787.5	-0.46	-0.98	2.01	<=28.99	Pass
		5809.5	-0.08	-0.35	2.58	<=28.99	Pass

Note1: Antenna Gain: Ant0: 4.00dBi; Ant1: 4.00dBi;

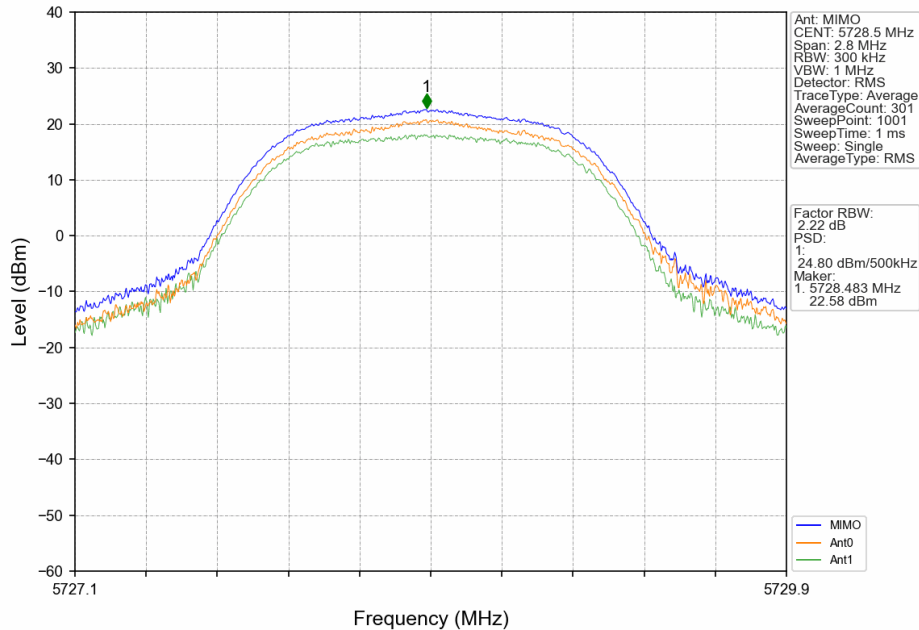
Directional gain (dBi) for U-NII-3 = gain of individual transmit antennas (dBi) + array gain (dB)=7.01dBi

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

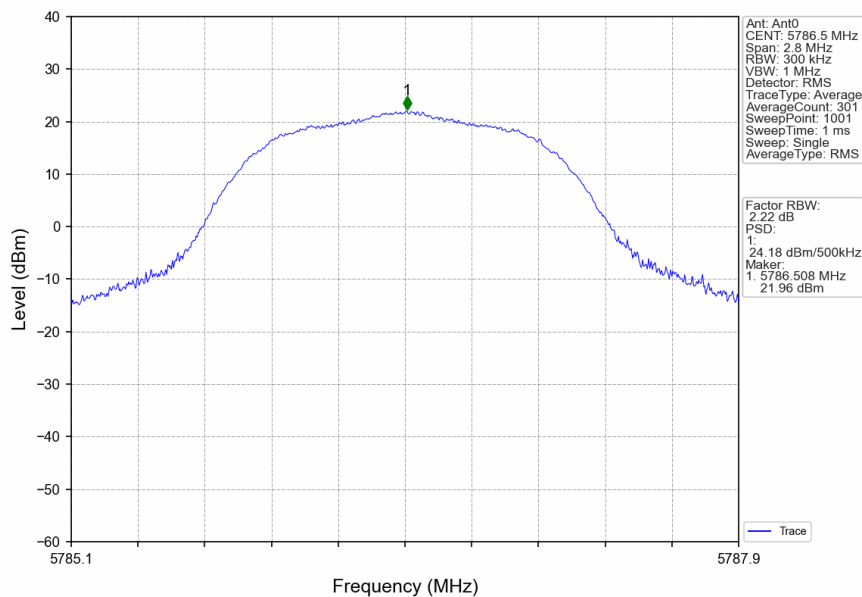
4.1.2 Test Graph



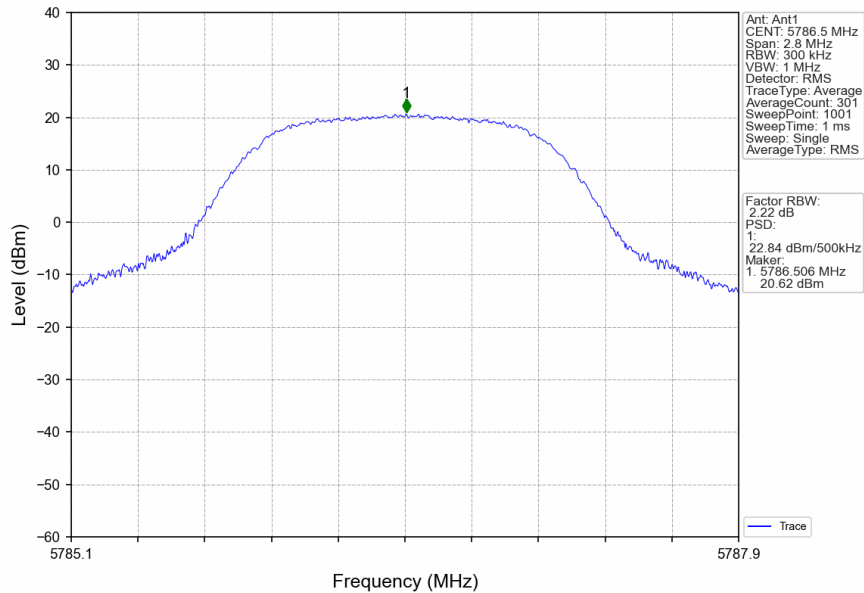
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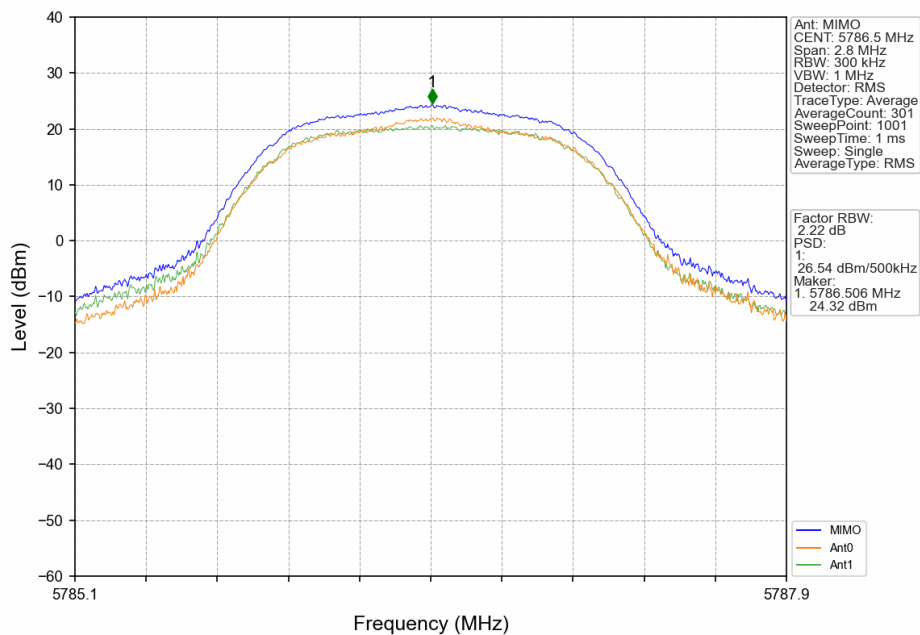
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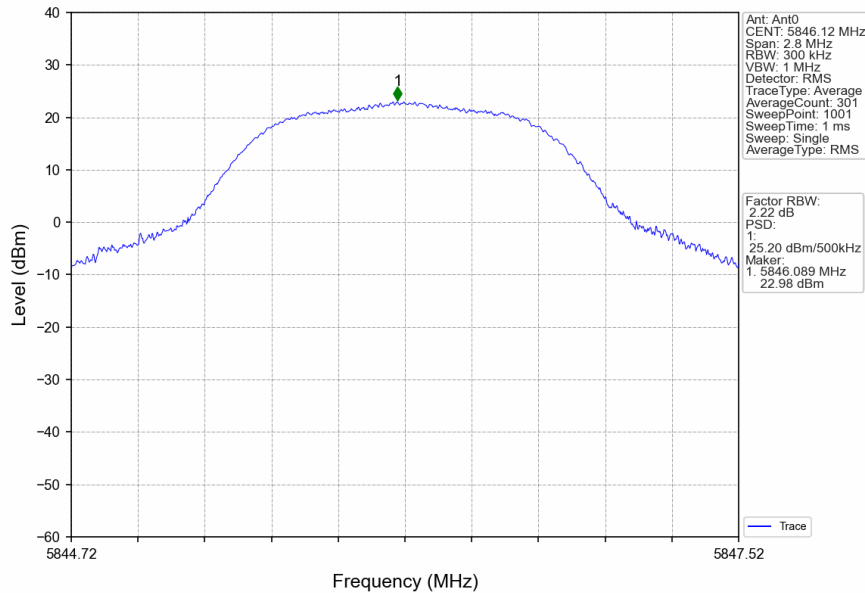
1.4MHz_MCH_5786.5MHz_Ant1_NTNV



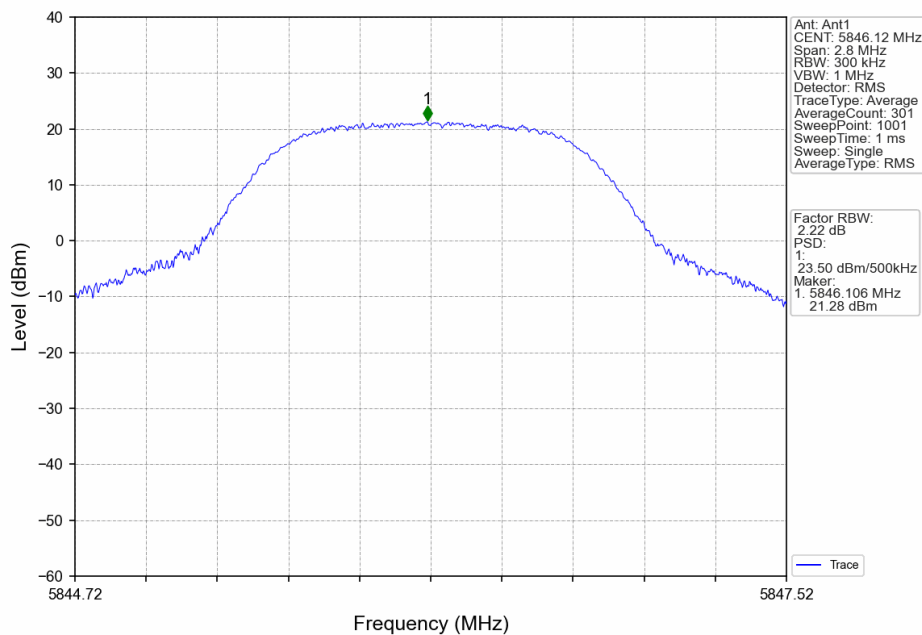
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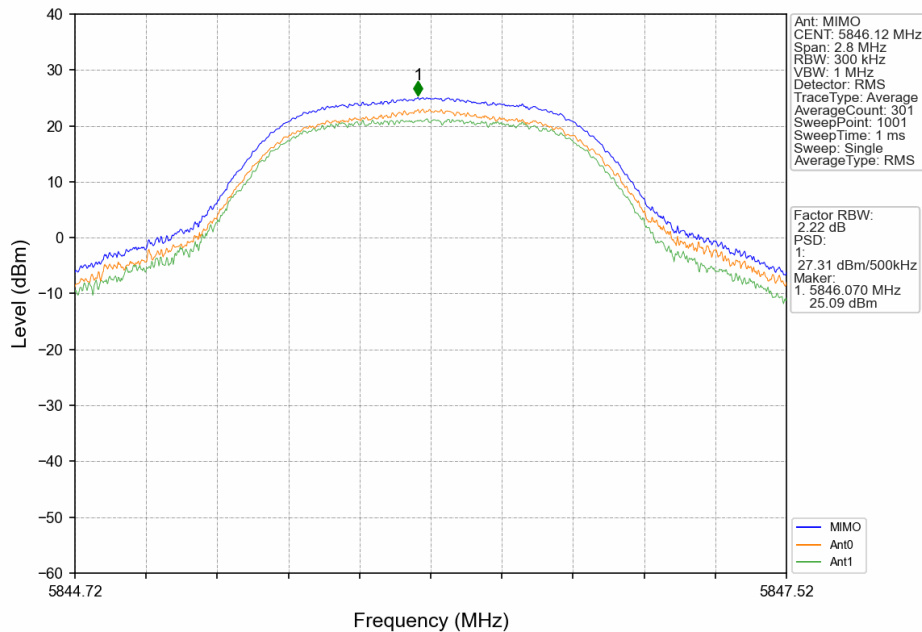
1.4MHz_HCH_5846.12MHz_Ant0_NTNV



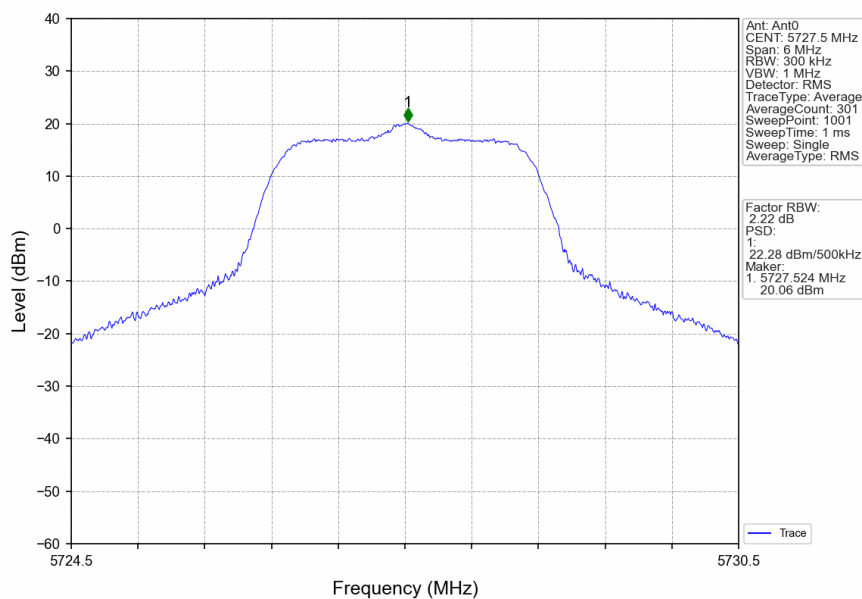
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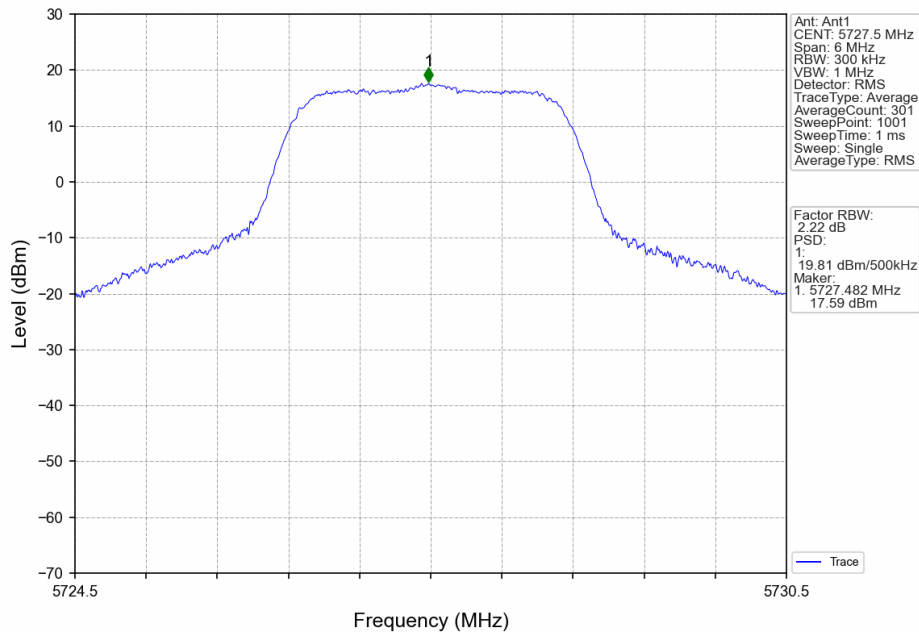
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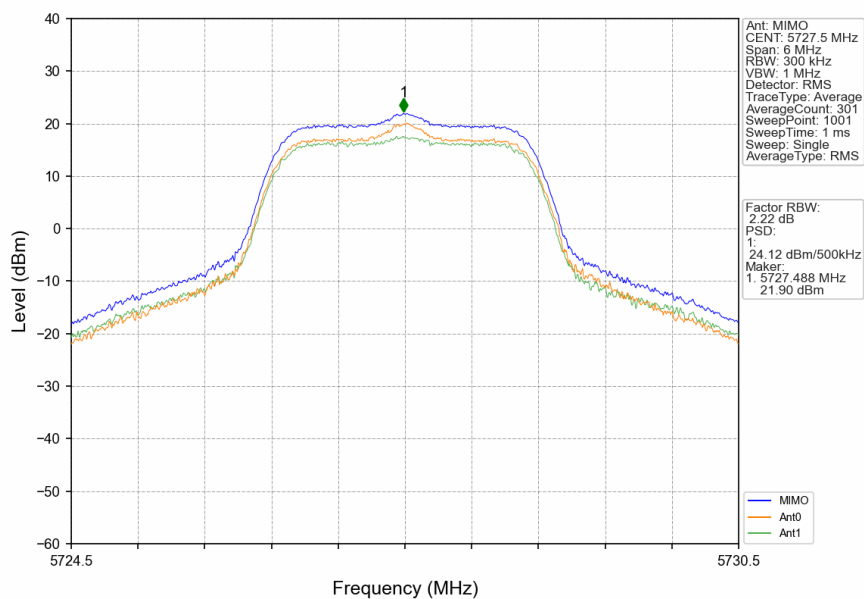
3MHz_LCH_5727.5MHz_Ant0_NTNV



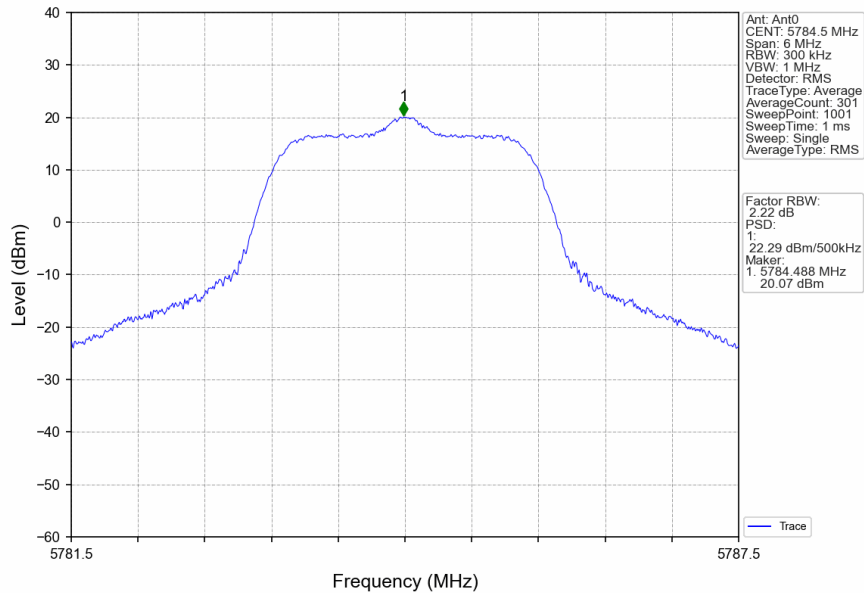
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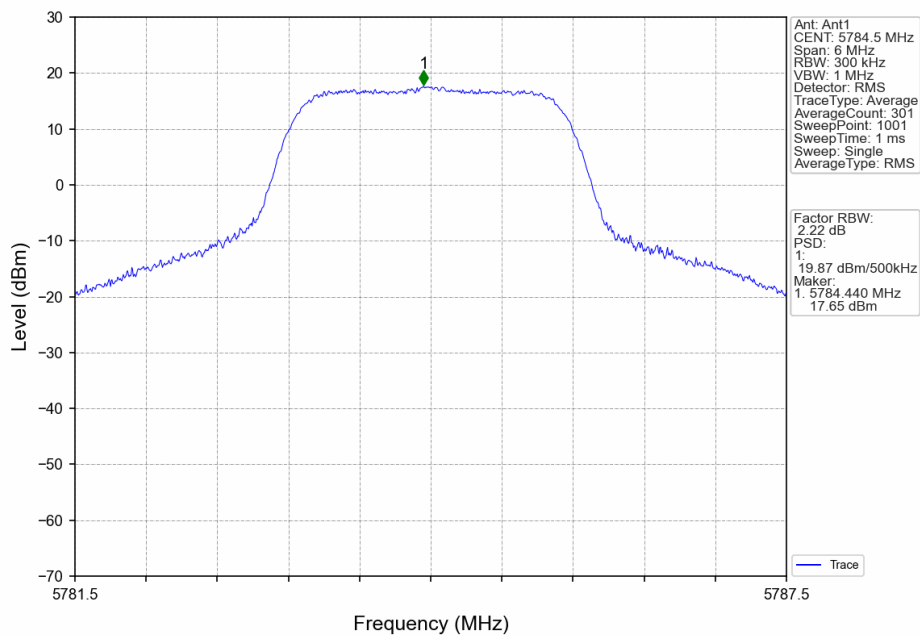
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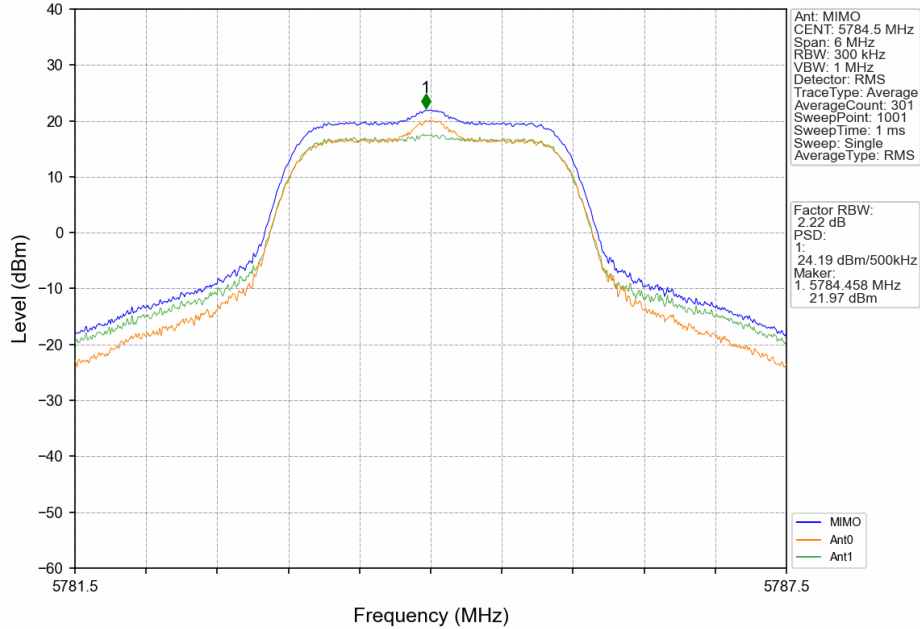
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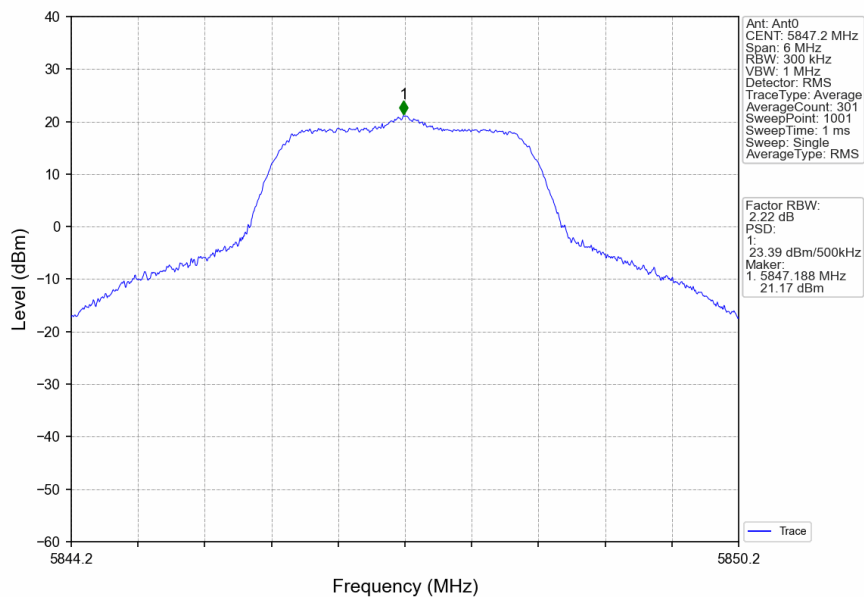
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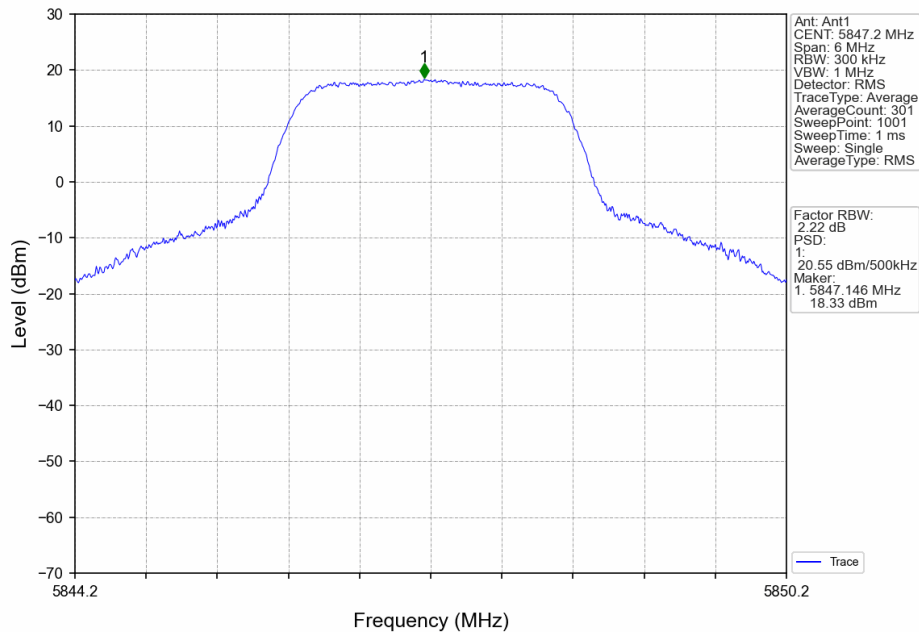
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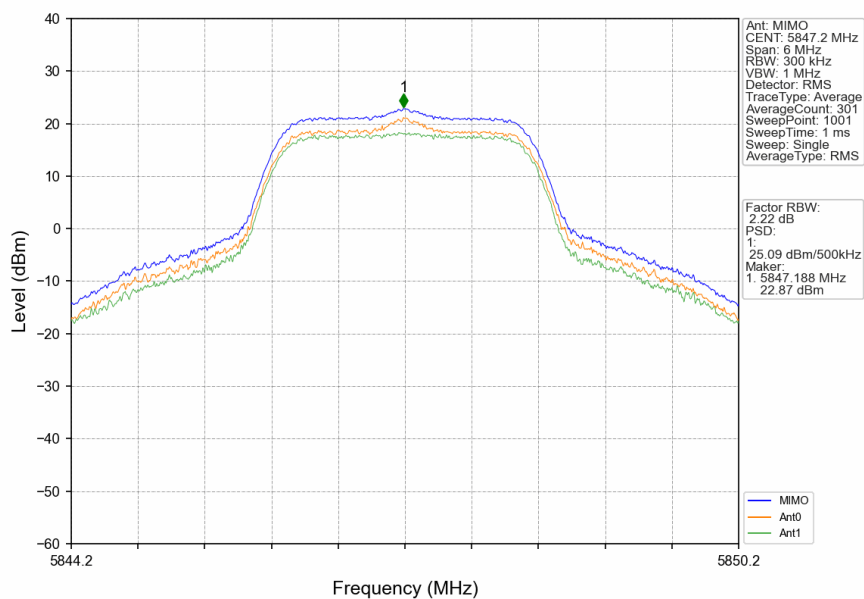
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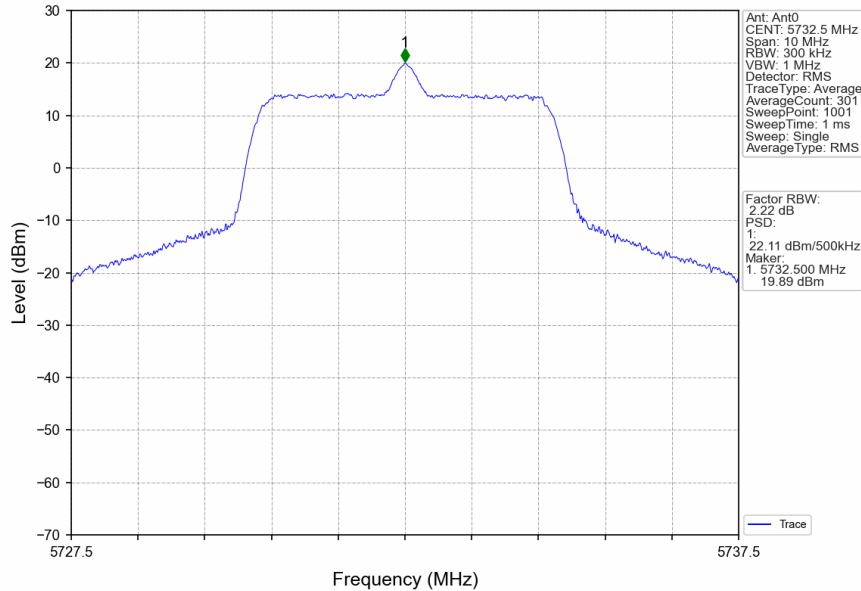
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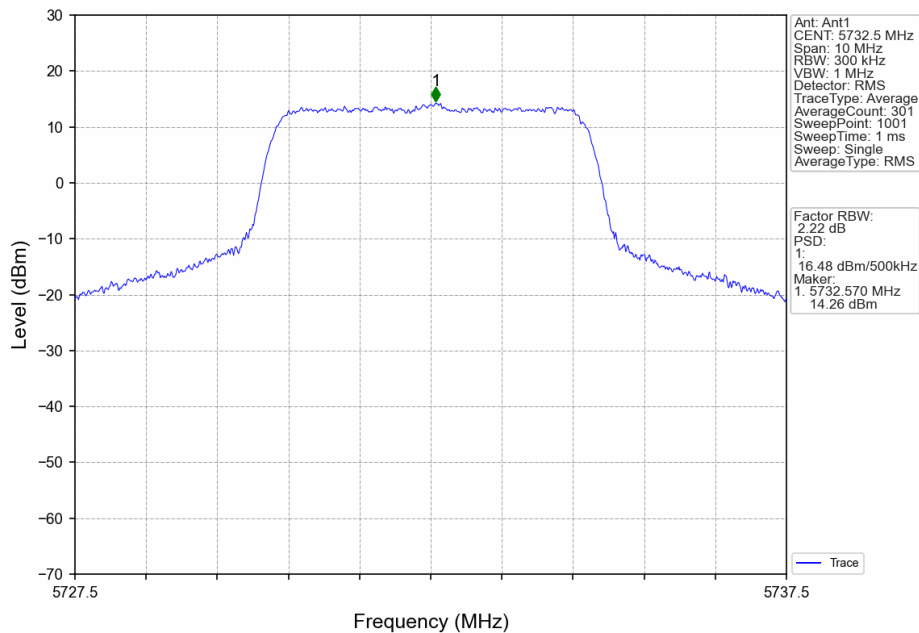
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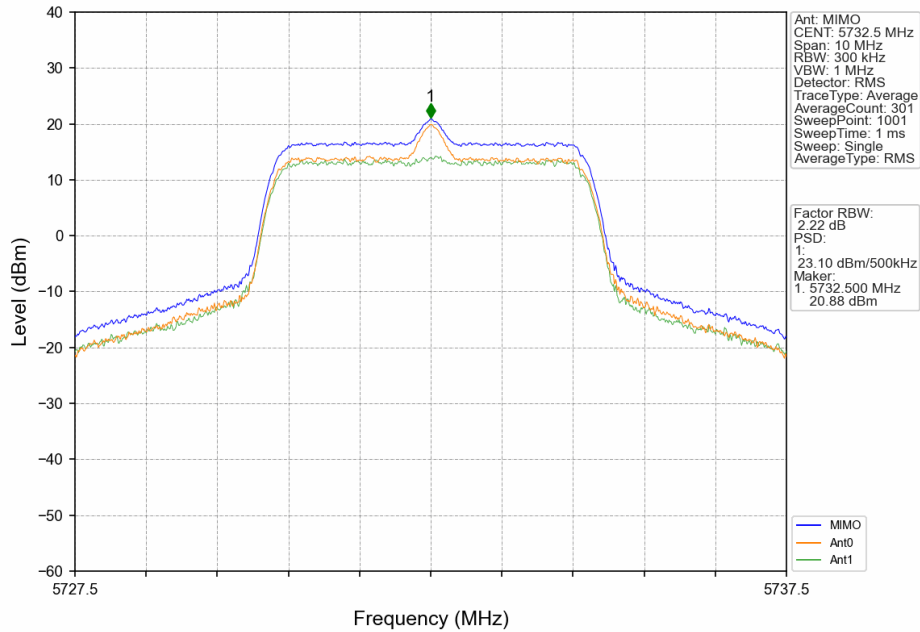
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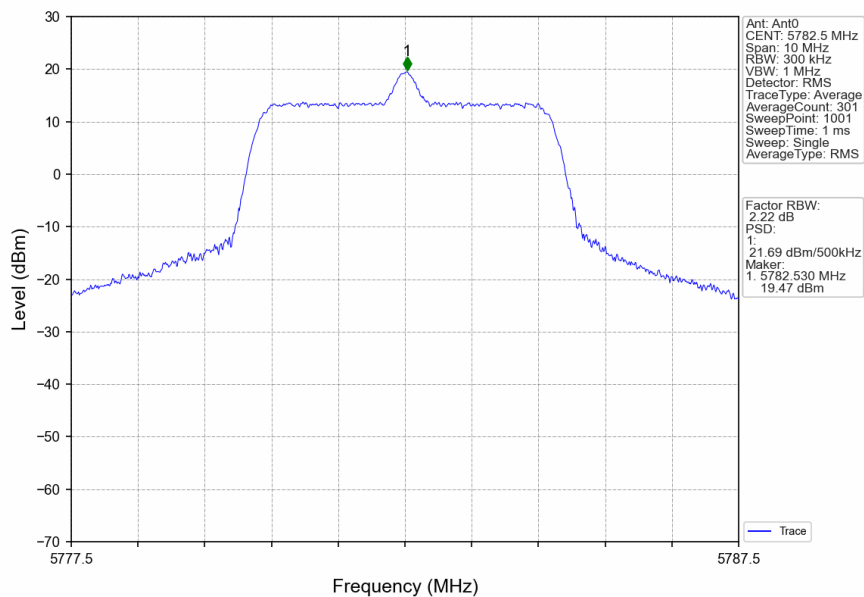
5MHz_LCH_5732.5MHz_Ant1_NTNV



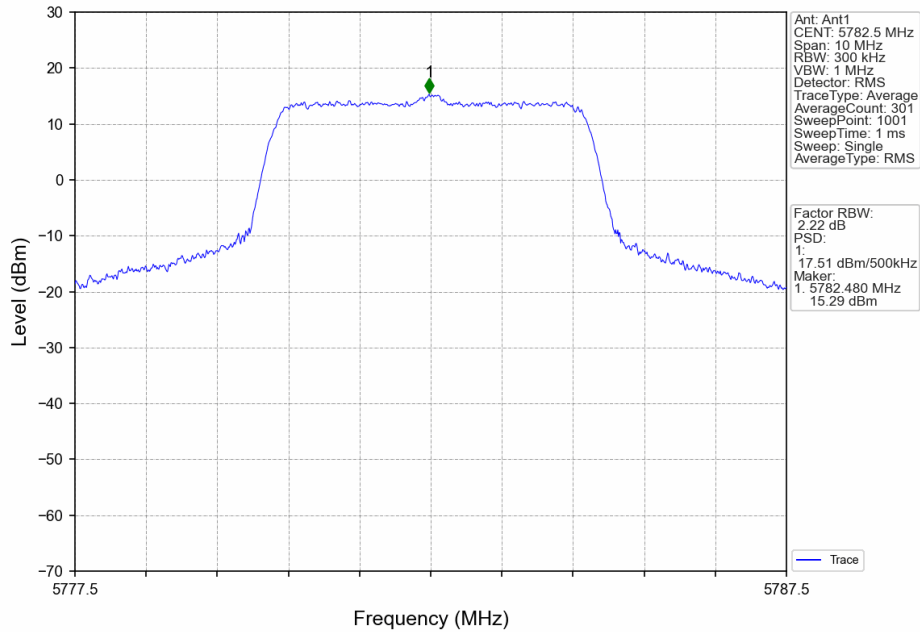
5MHz_LCH_5732.5MHz_MIMO_NTNV



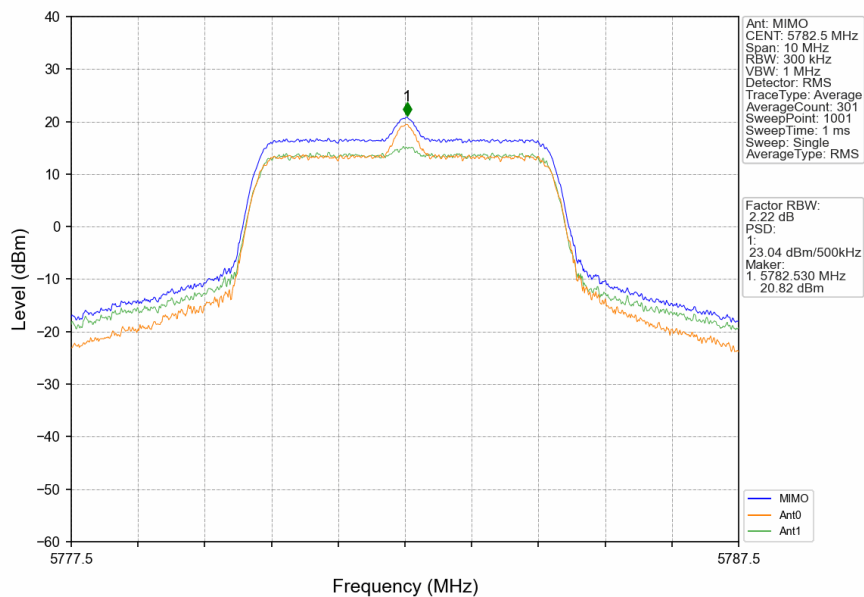
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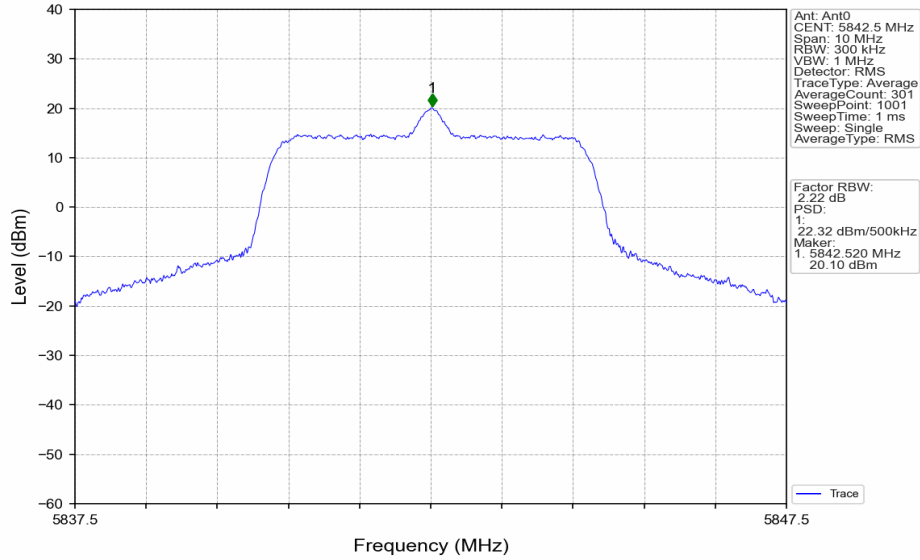
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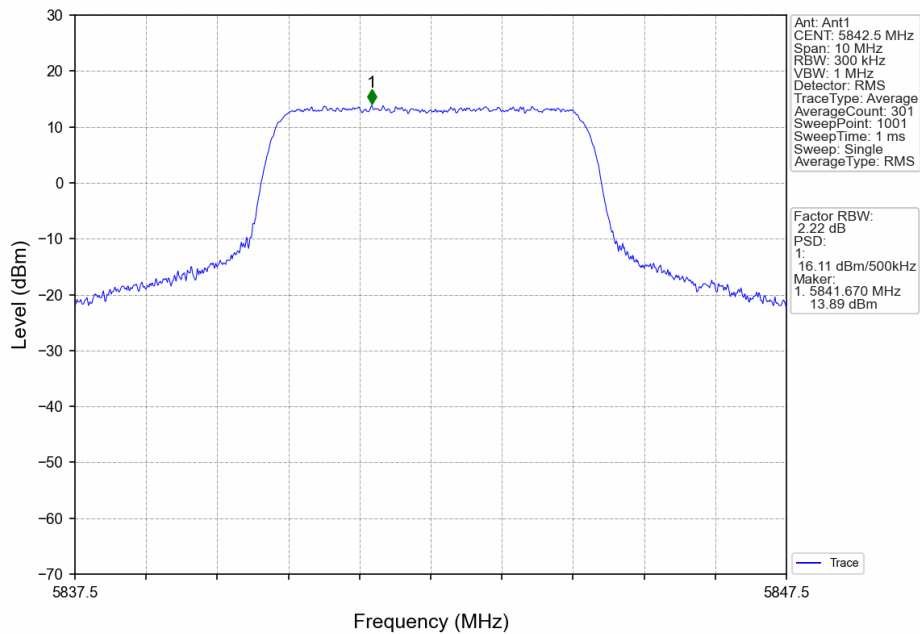
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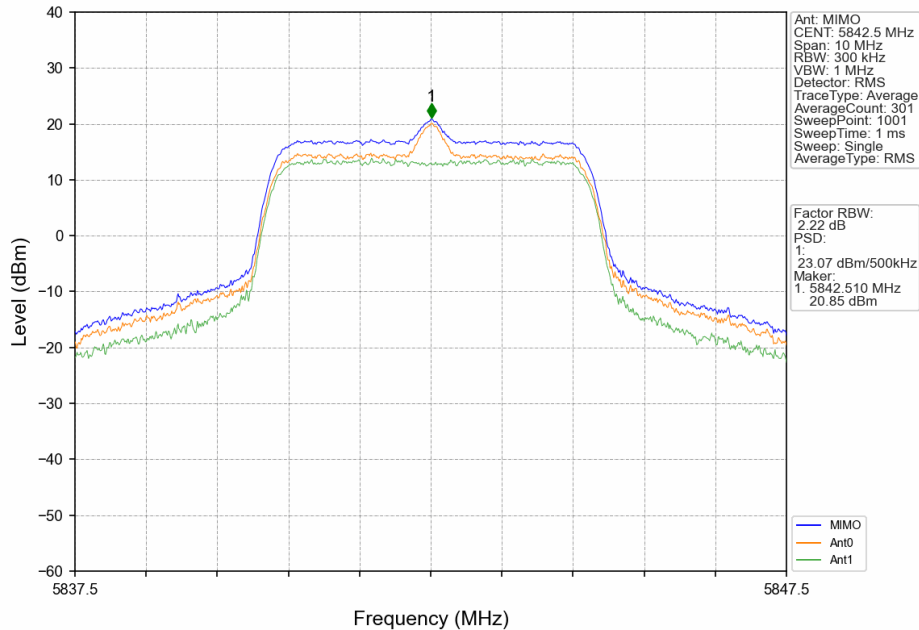
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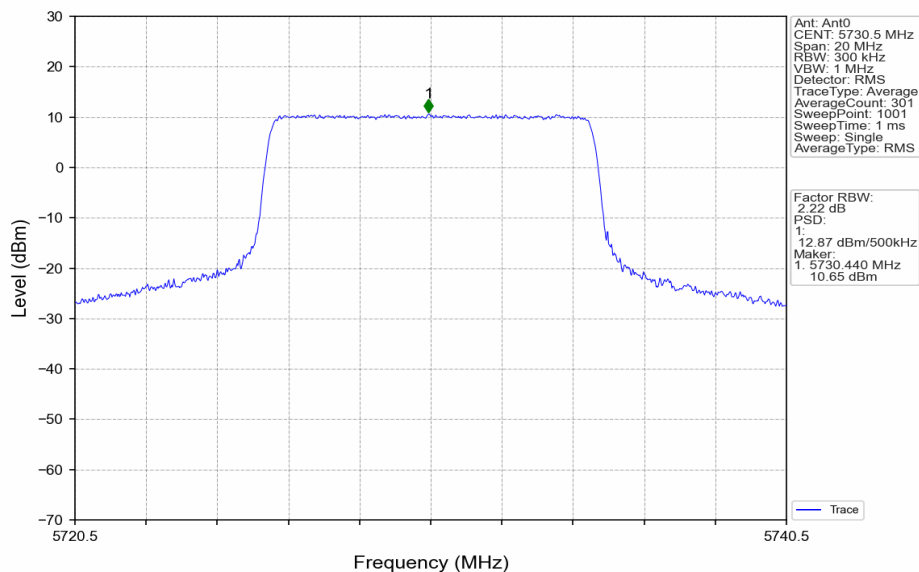
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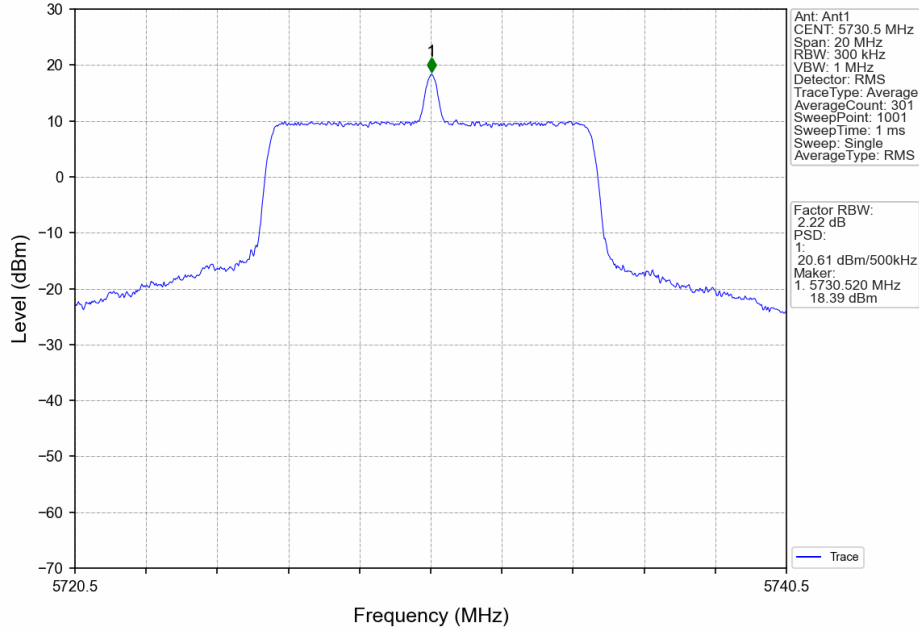
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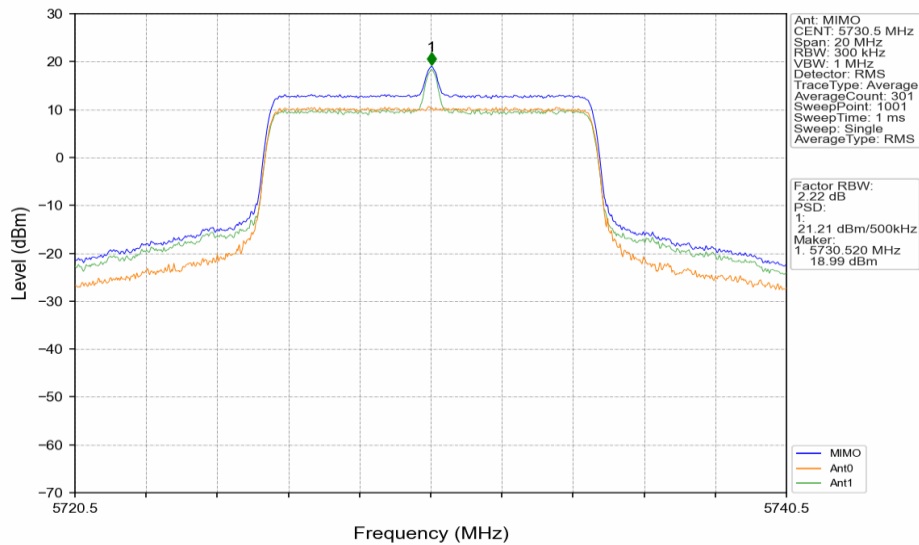
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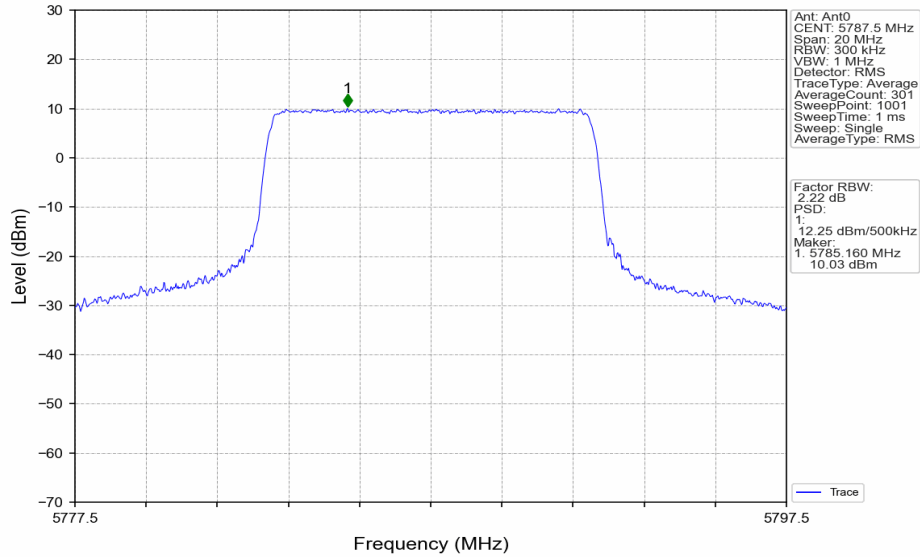
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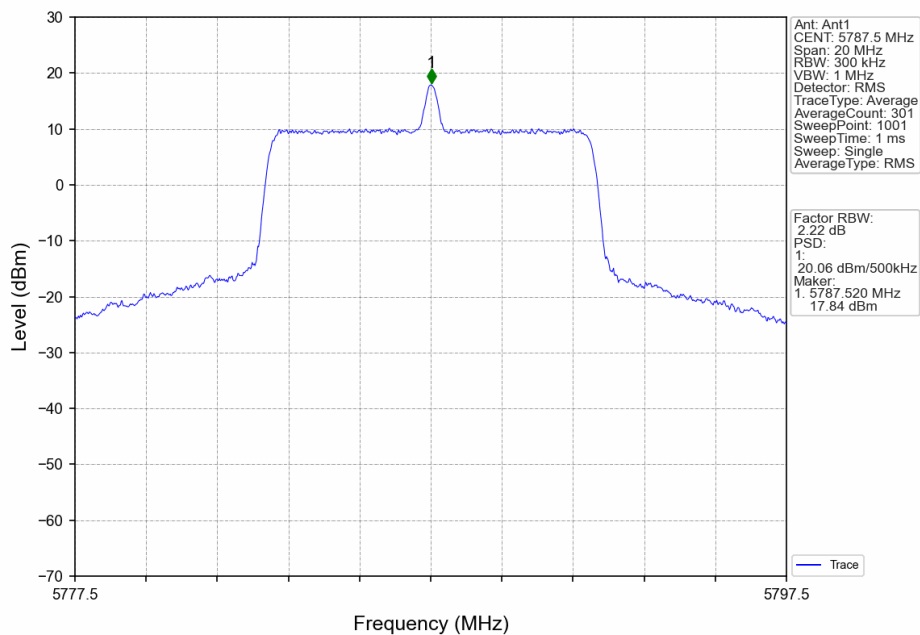
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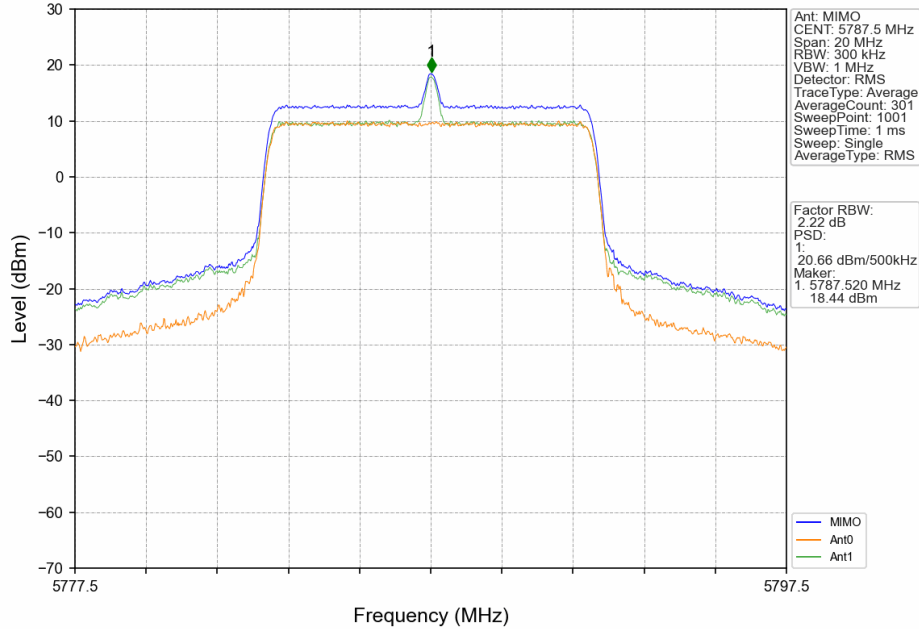
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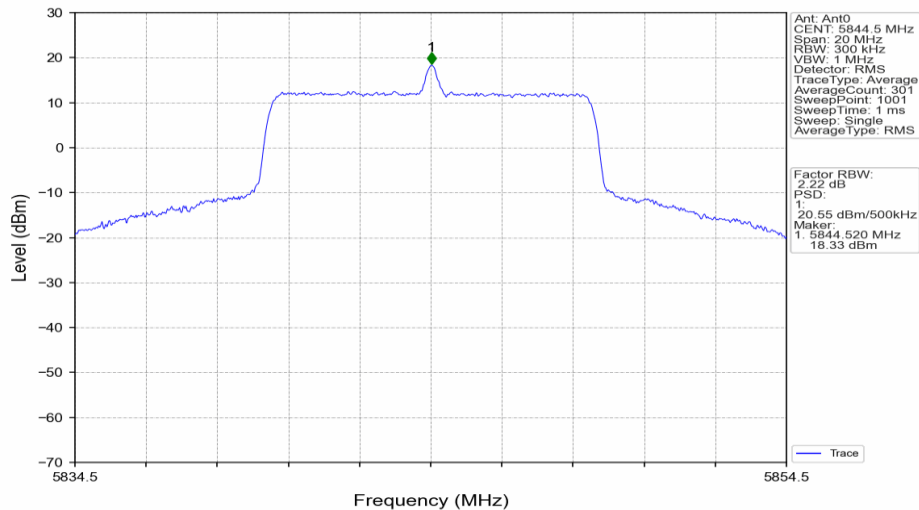
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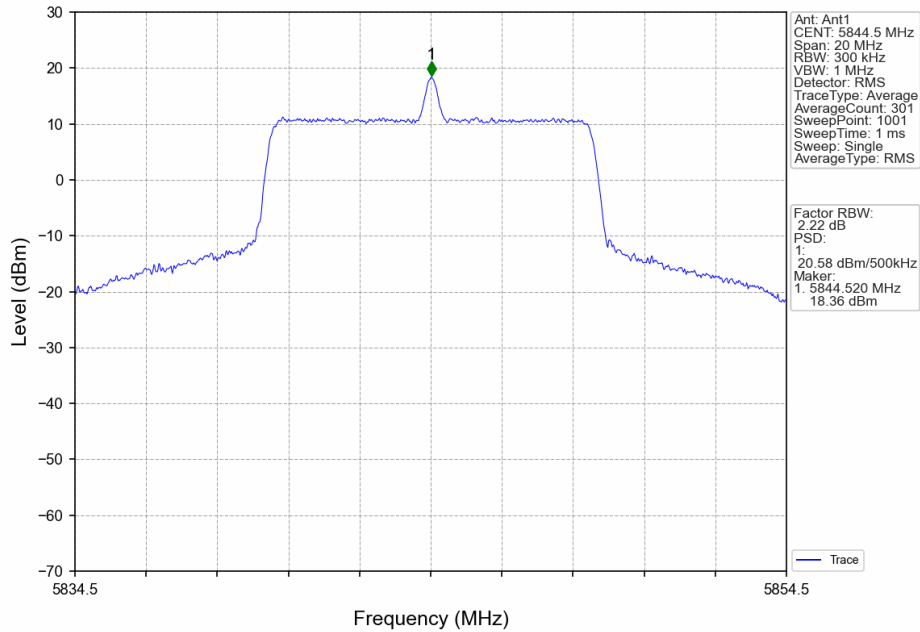
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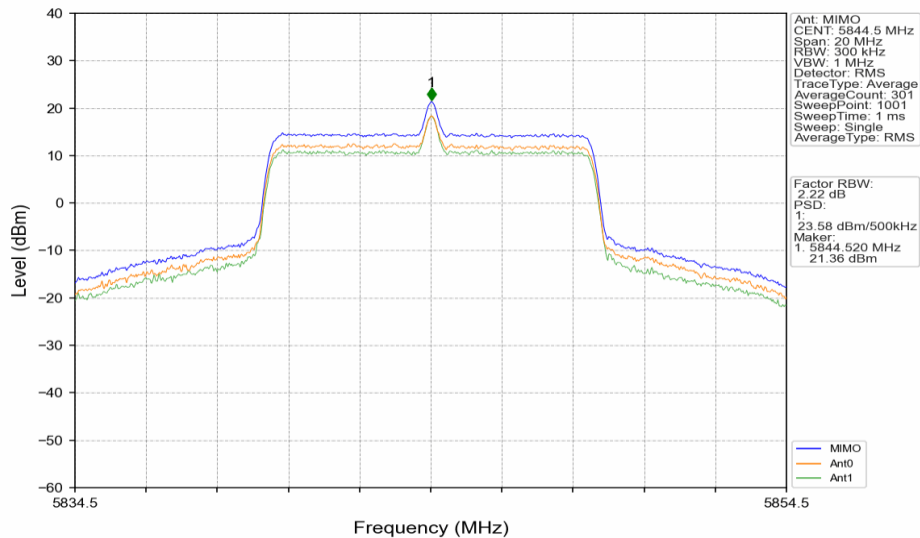
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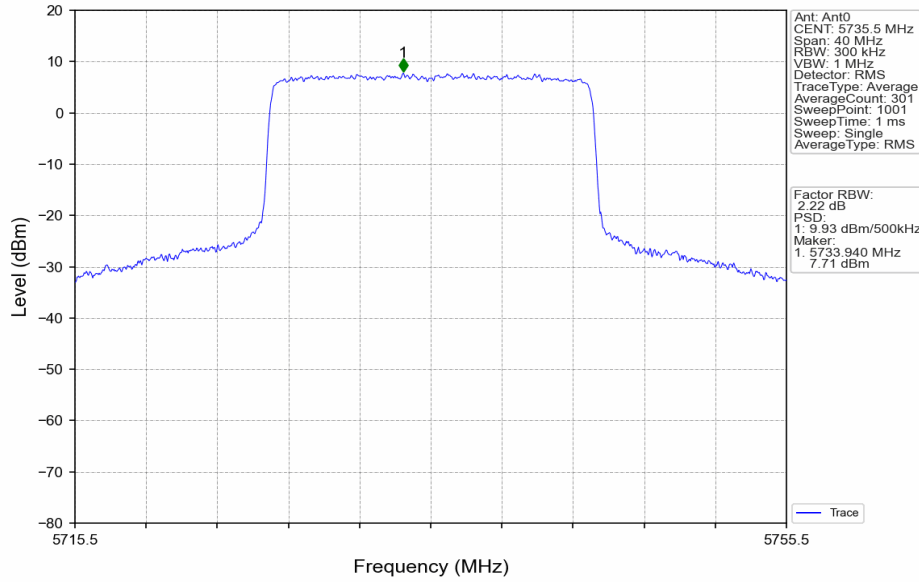
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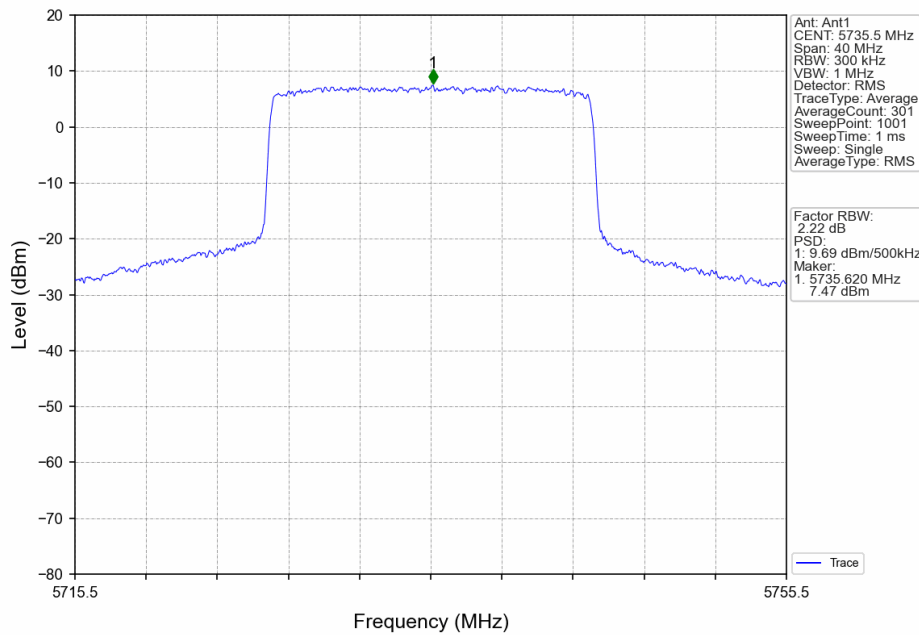
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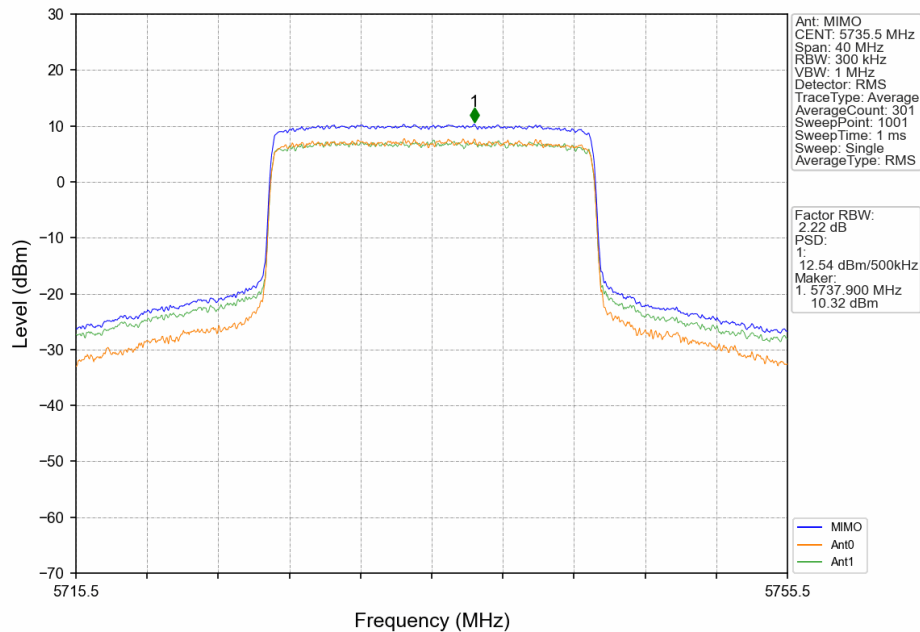
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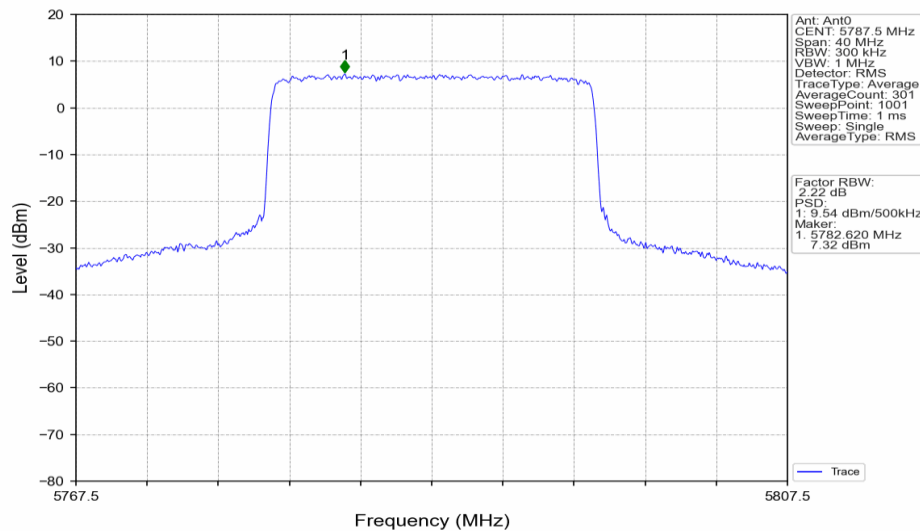
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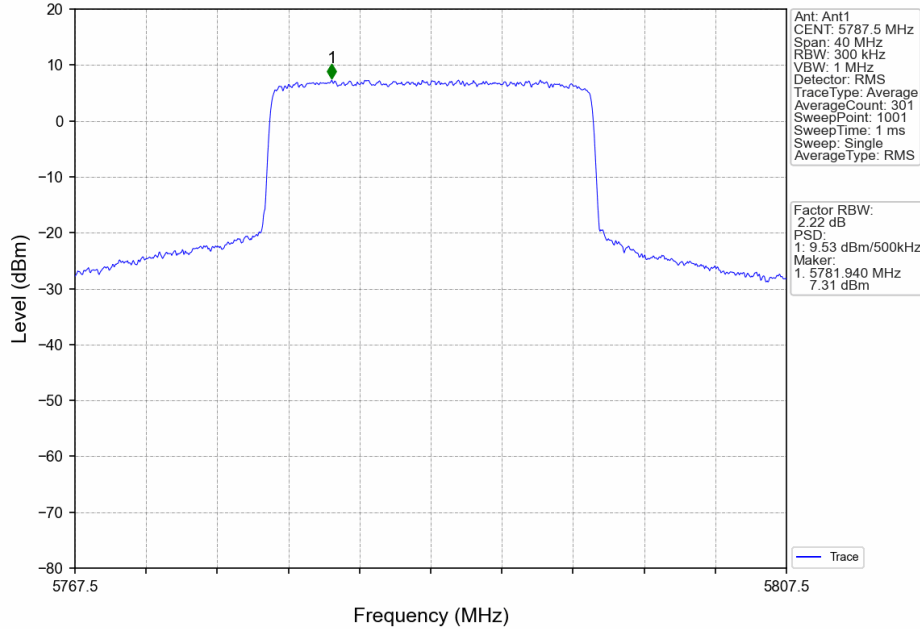
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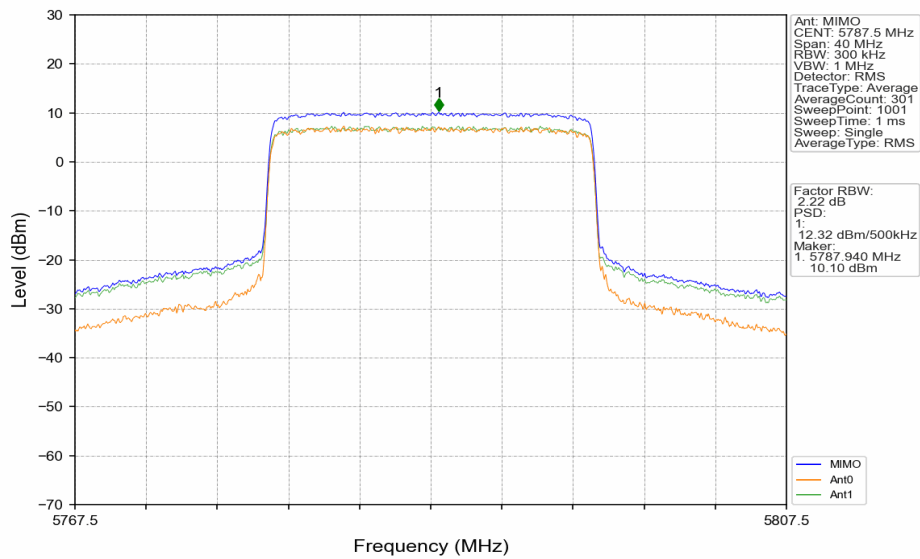
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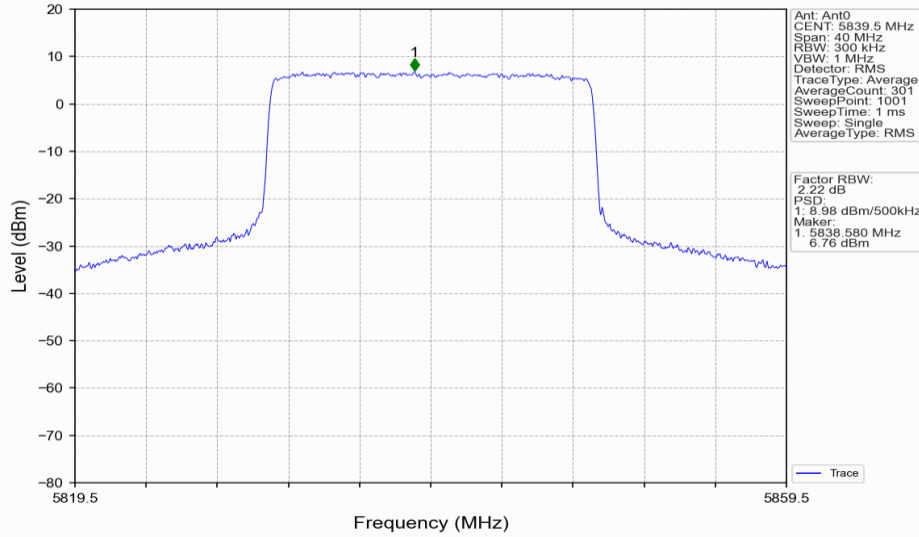
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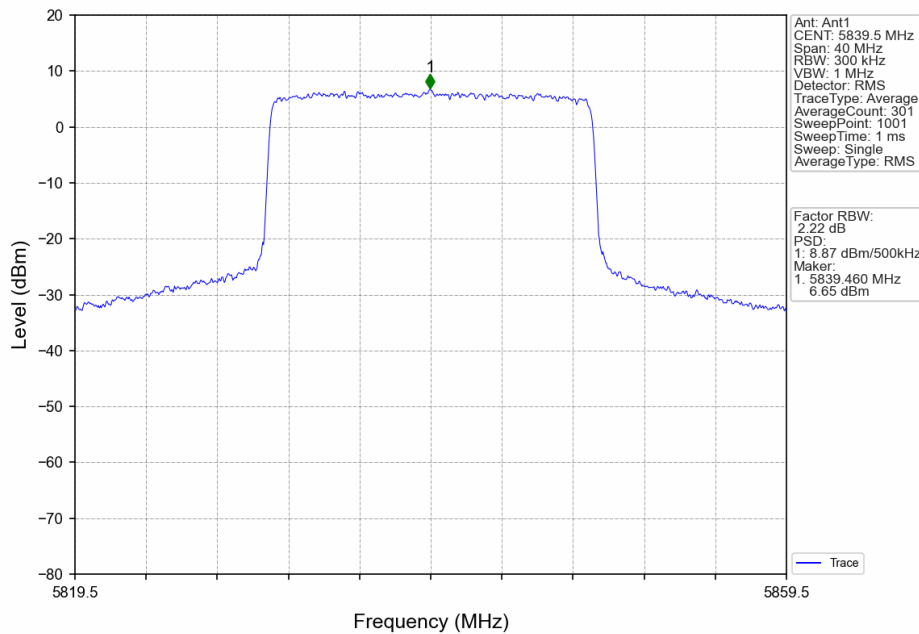
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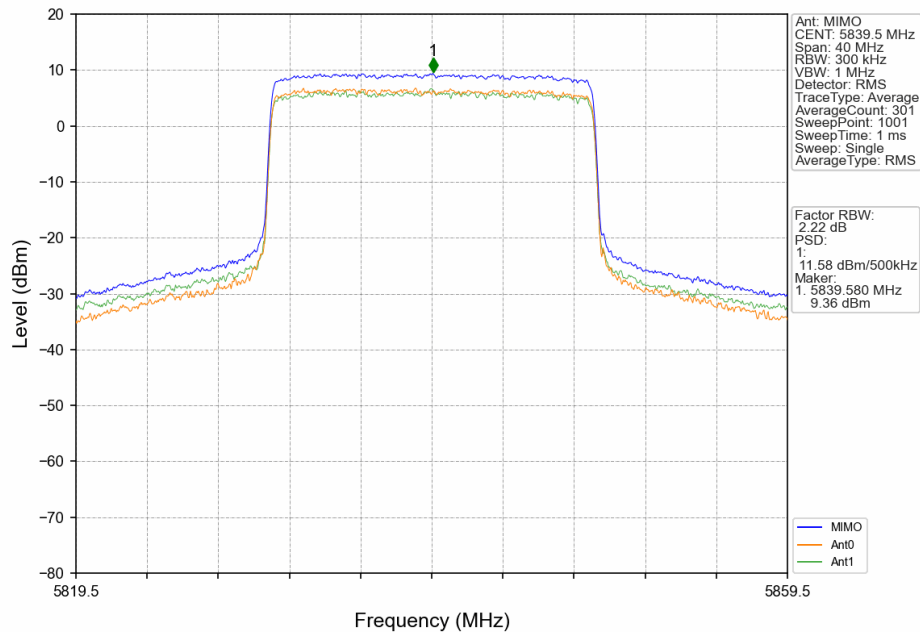
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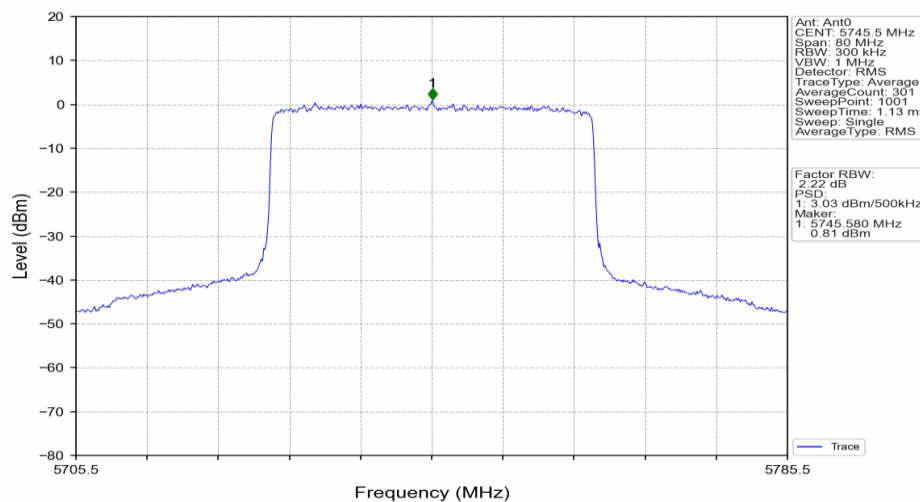
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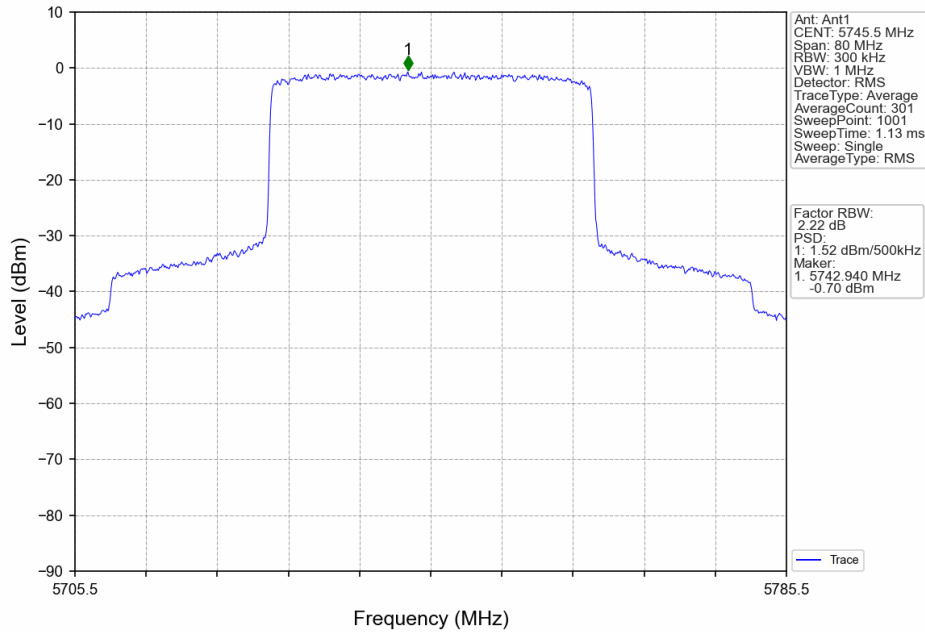
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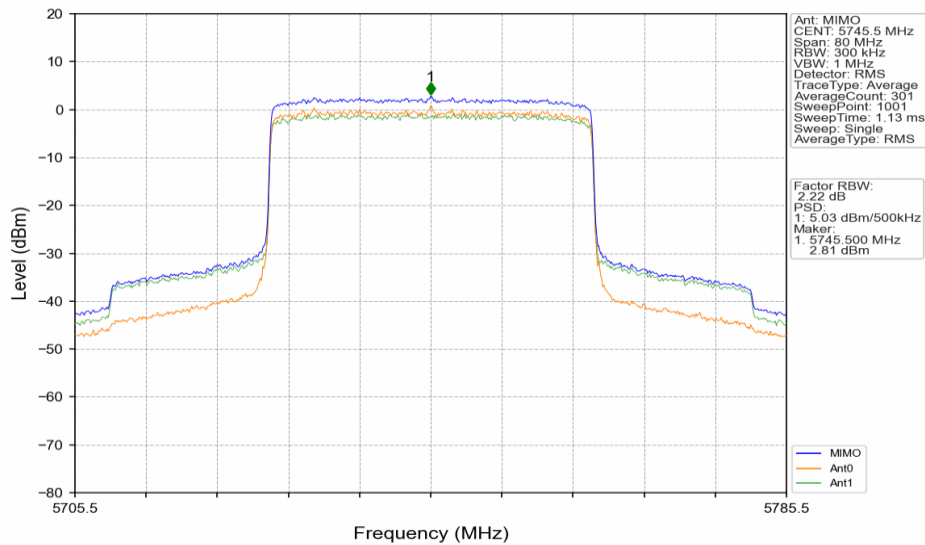
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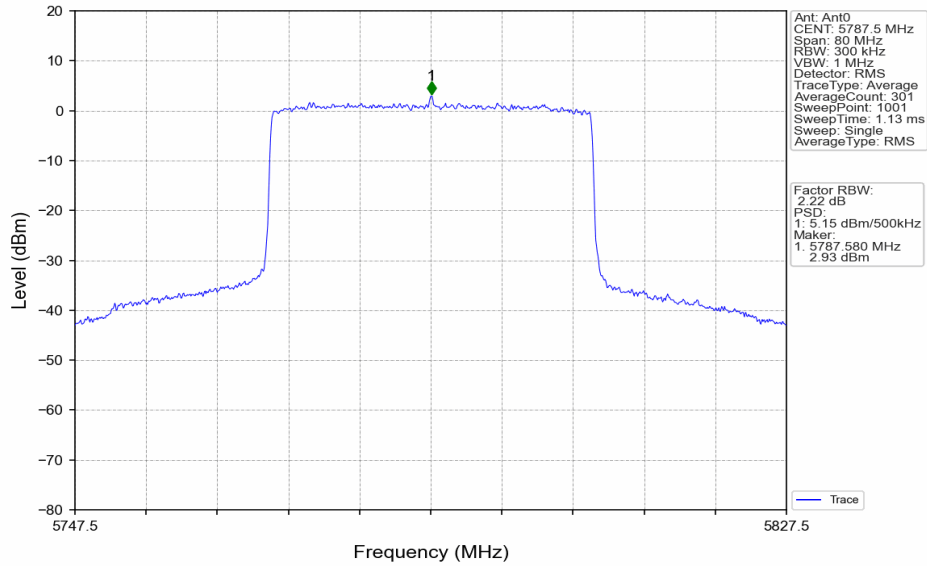
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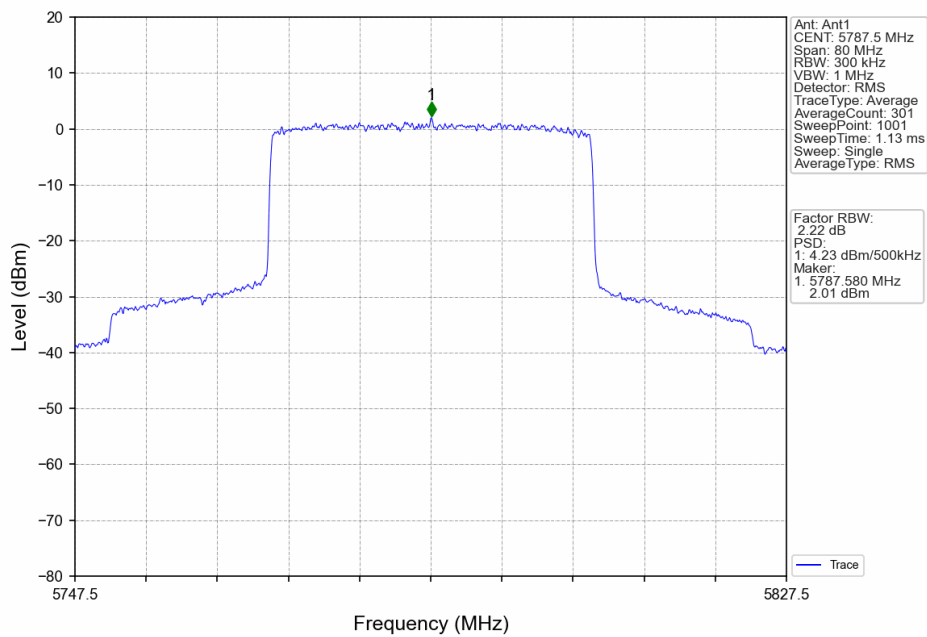
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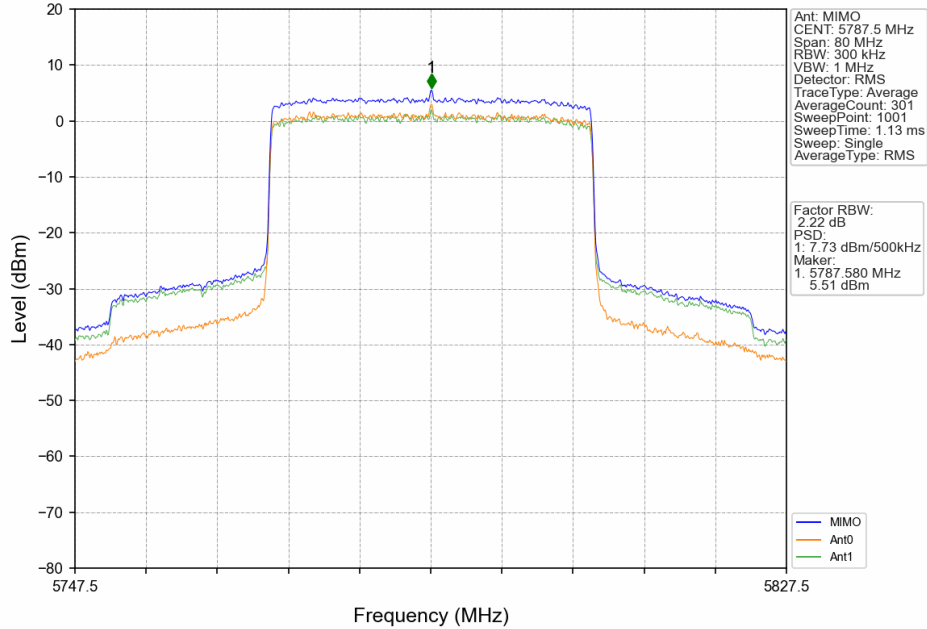
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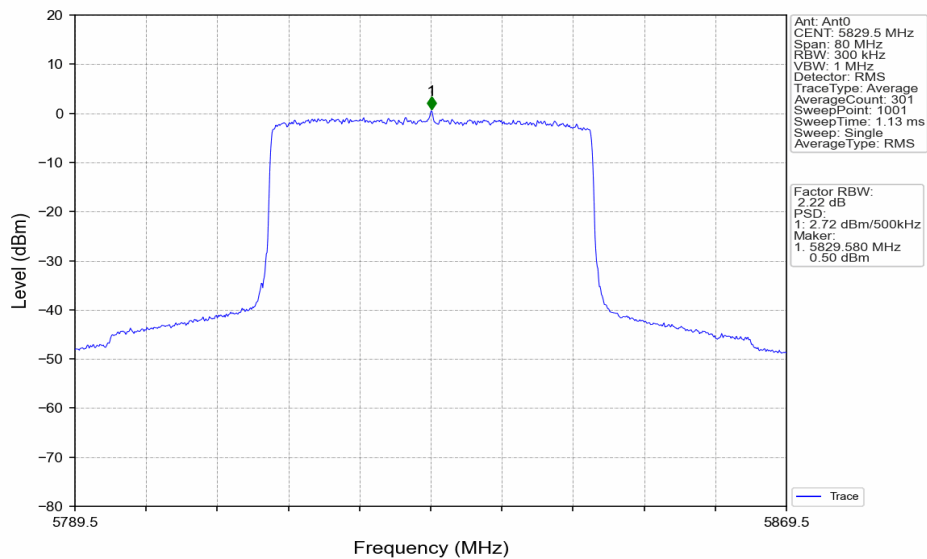
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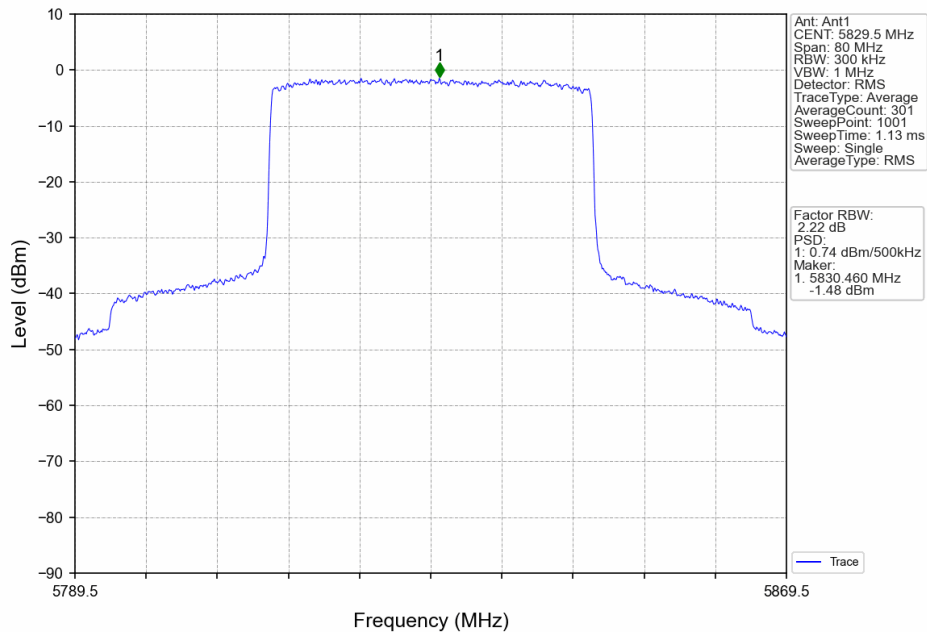
40MHz_MCH_5787.5MHz_MIMO_NTNV



40MHz_HCH_5829.5MHz_Ant0_NTNV



40MHz_HCH_5829.5MHz_Ant1_NTNV



40MHz_HCH_5829.5MHz_MIMO_NTNV

