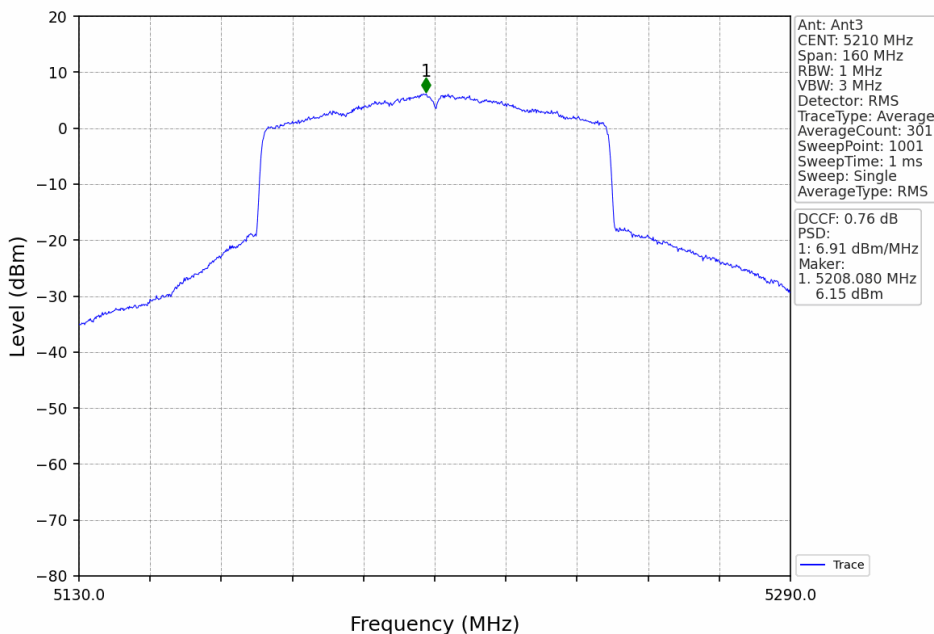
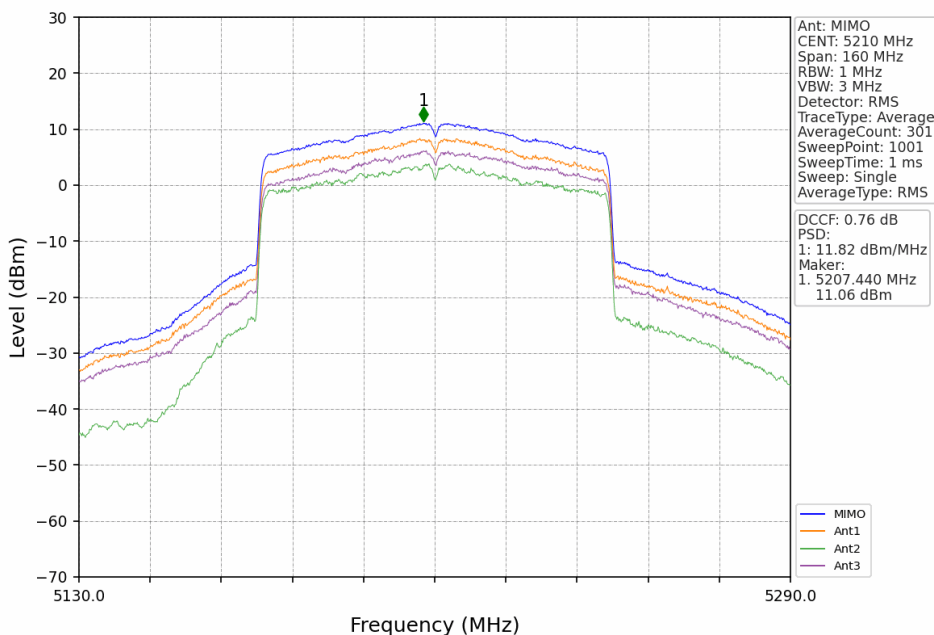


802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant3\_NTNV



802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_MIMO\_NTNV



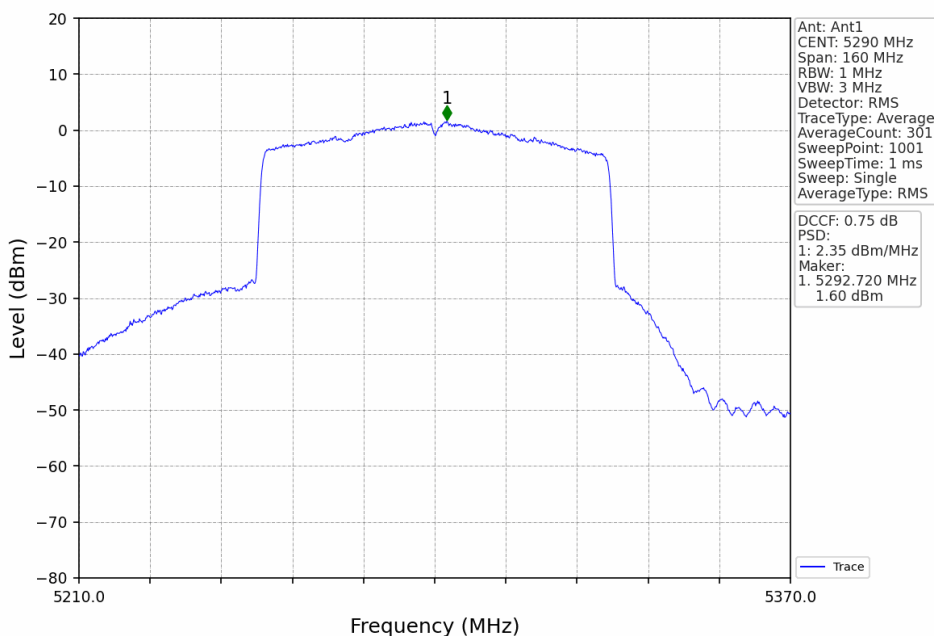
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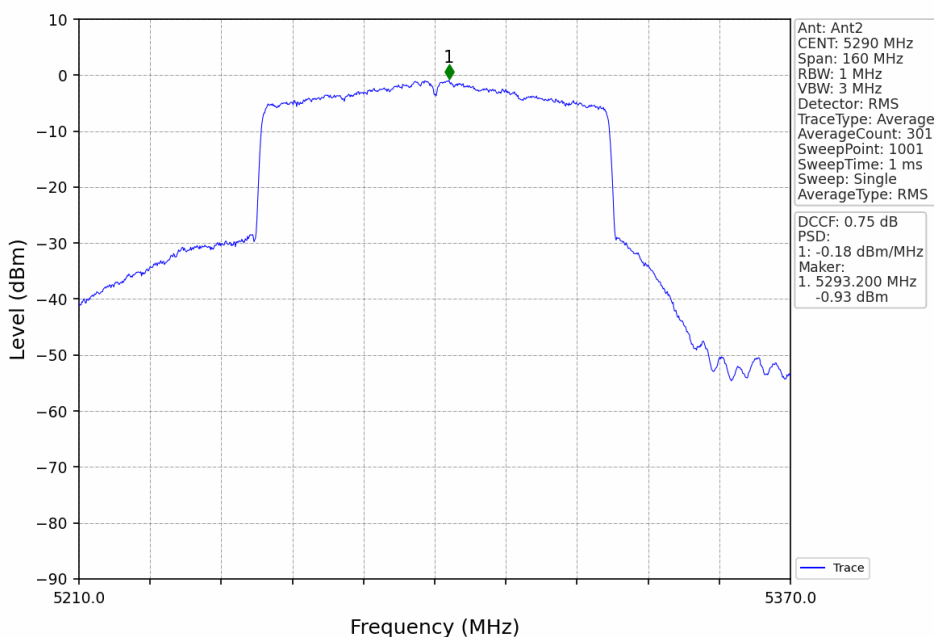
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802.11ax(HEW80)\_MCH\_5290MHz\_RU996\_Left\_Ant1\_NTNV



802.11ax(HEW80)\_MCH\_5290MHz\_RU996\_Left\_Ant2\_NTNV



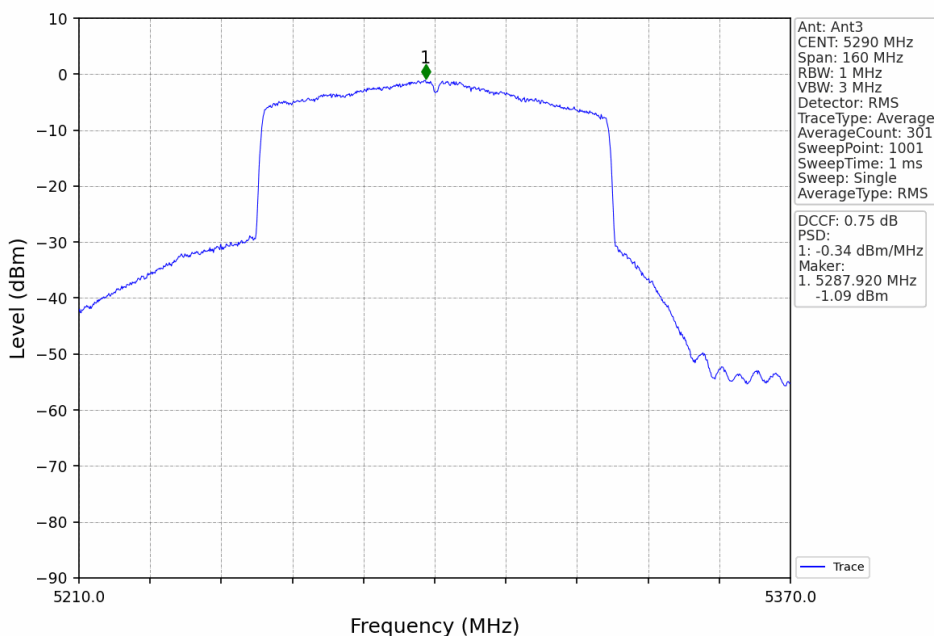
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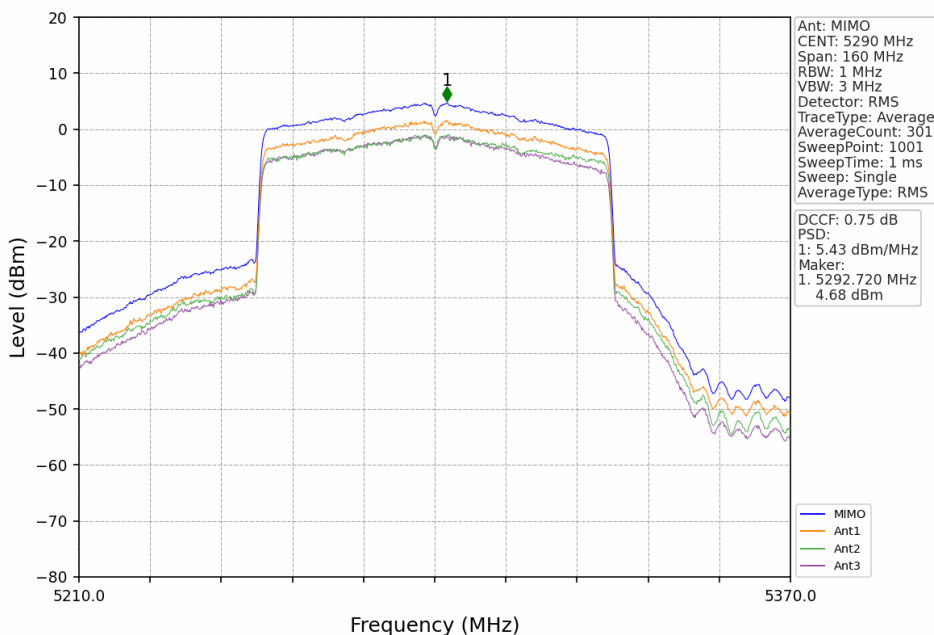
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802.11ax(HEW80)\_MCH\_5290MHz\_RU996\_Left\_Ant3\_NTNV



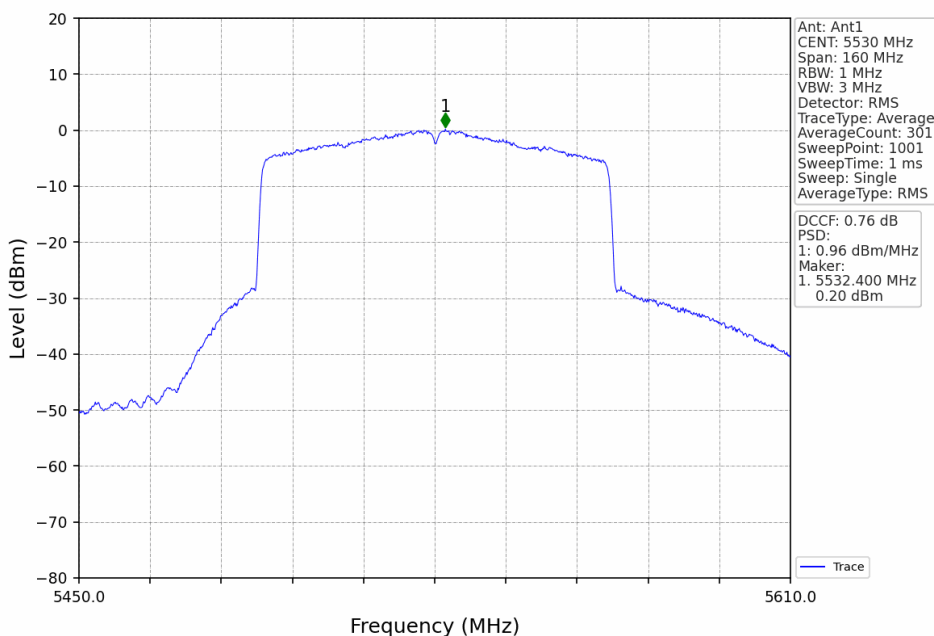
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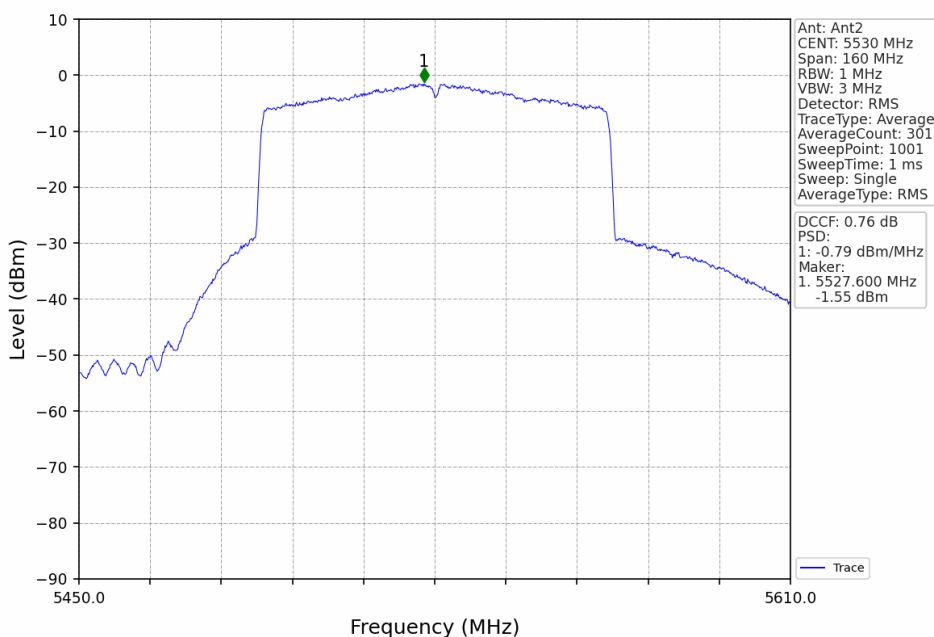
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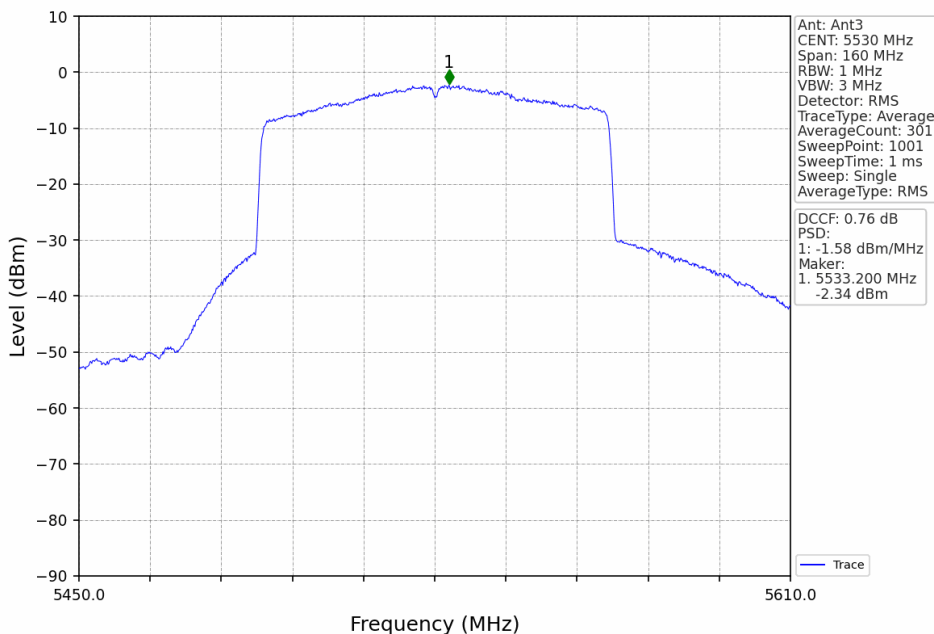


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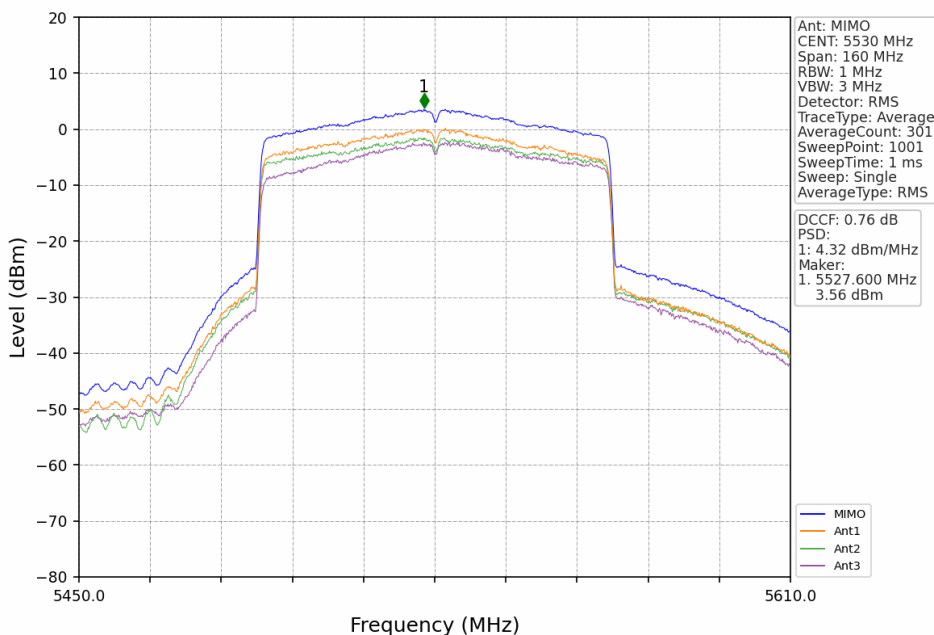
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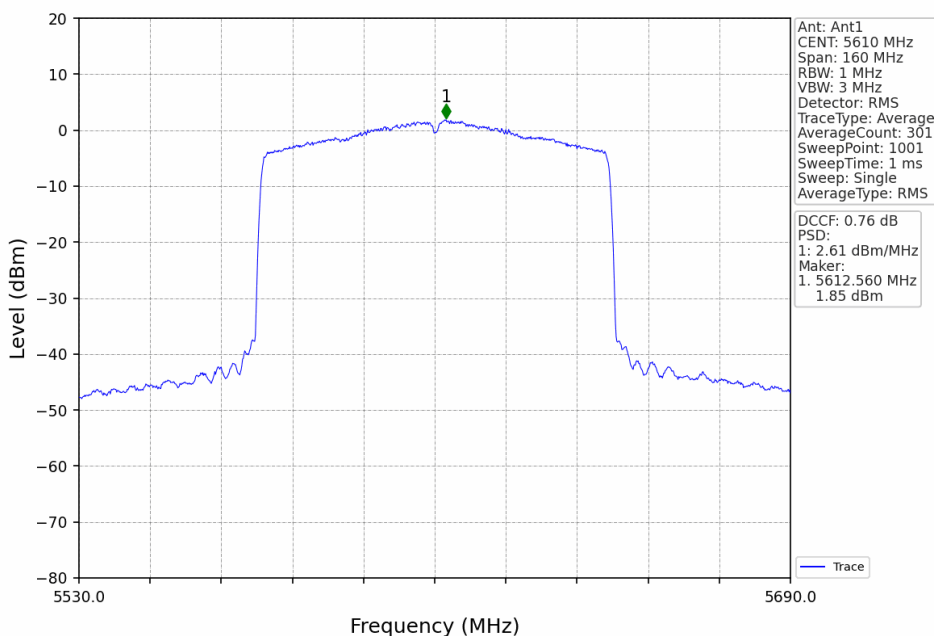
802.11ax(HEW80)\_LCH\_5530MHz\_RU996\_Left\_MIMO\_NTNV



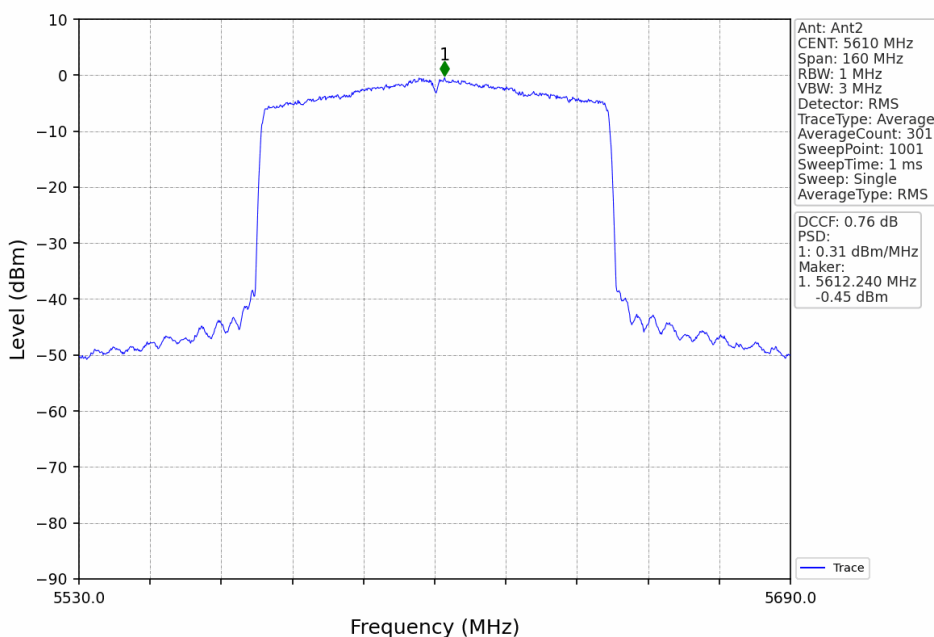
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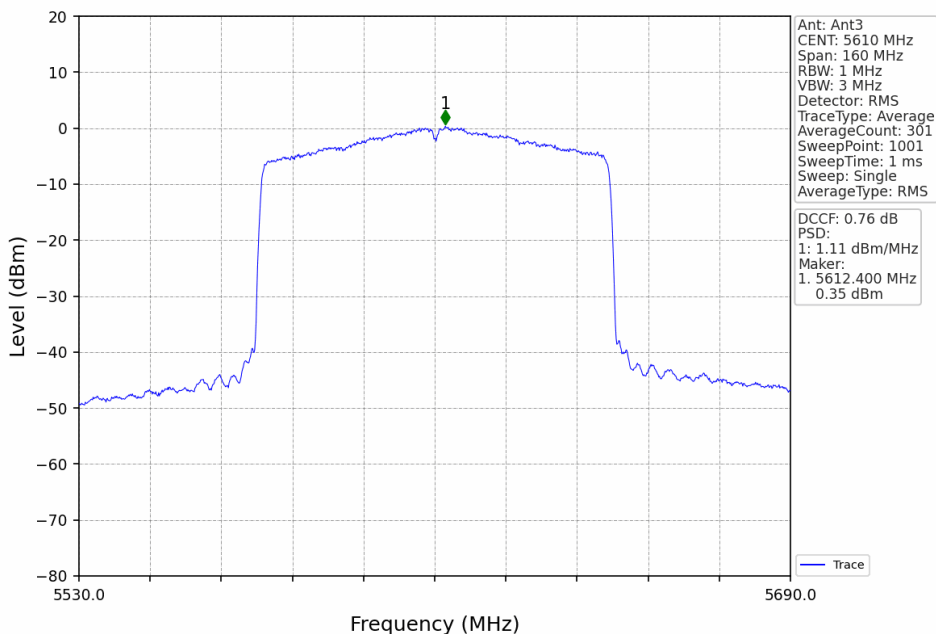
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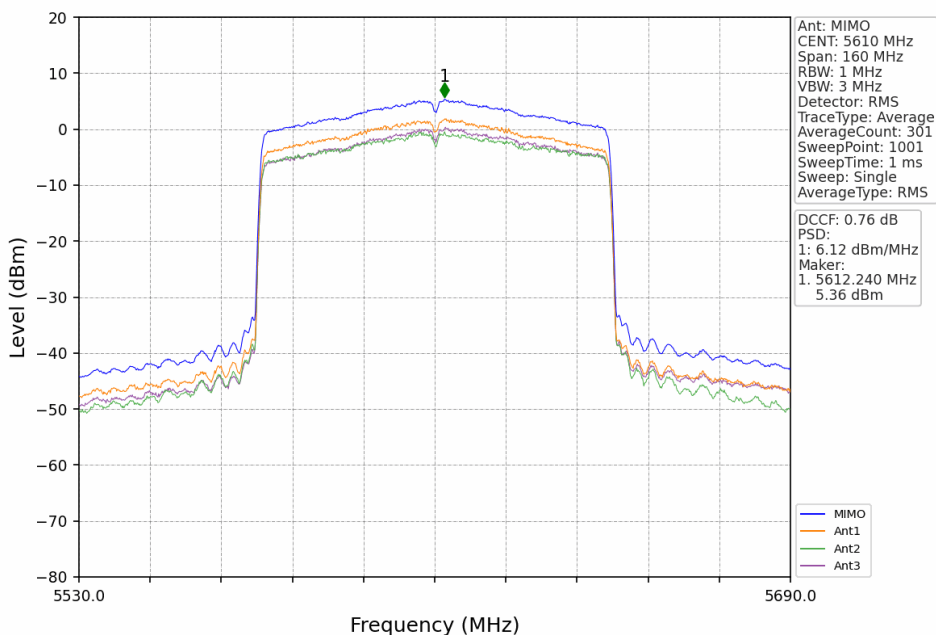
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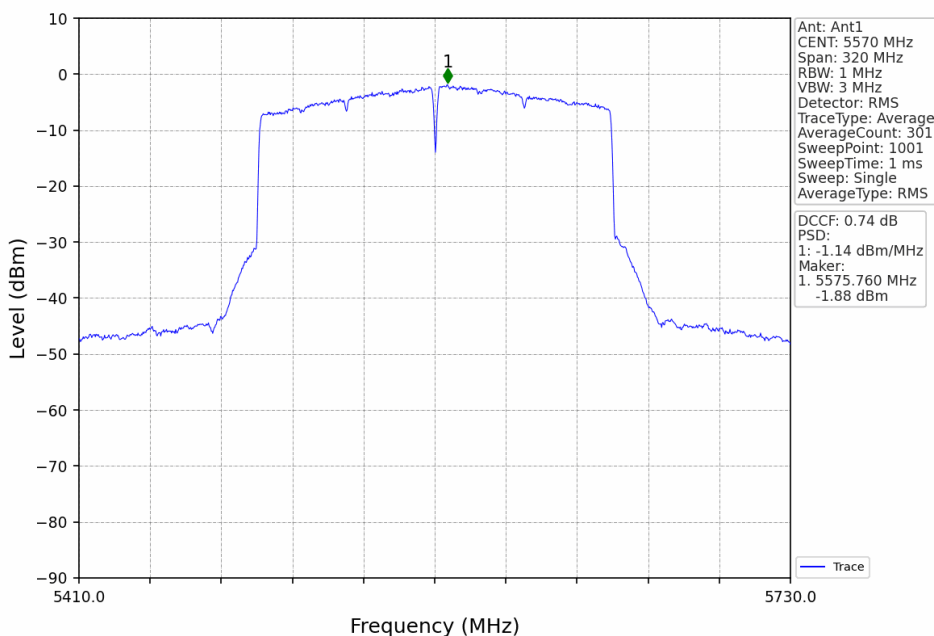
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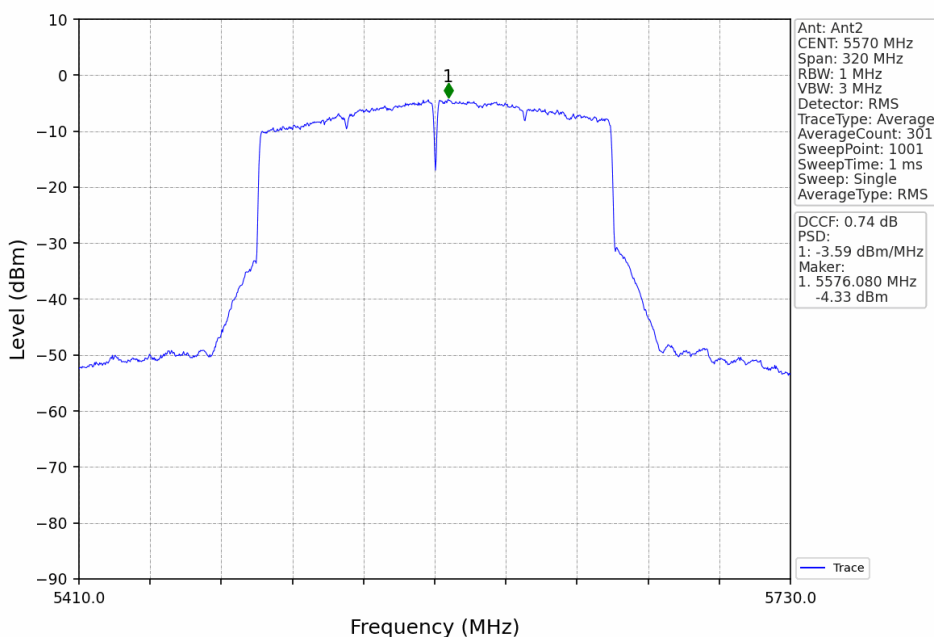
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### 802.11ax(HEW160)\_MCH\_5570MHz\_2xRU996\_Left\_Ant1\_NTNV



### 802.11ax(HEW160)\_MCH\_5570MHz\_2xRU996\_Left\_Ant2\_NTNV



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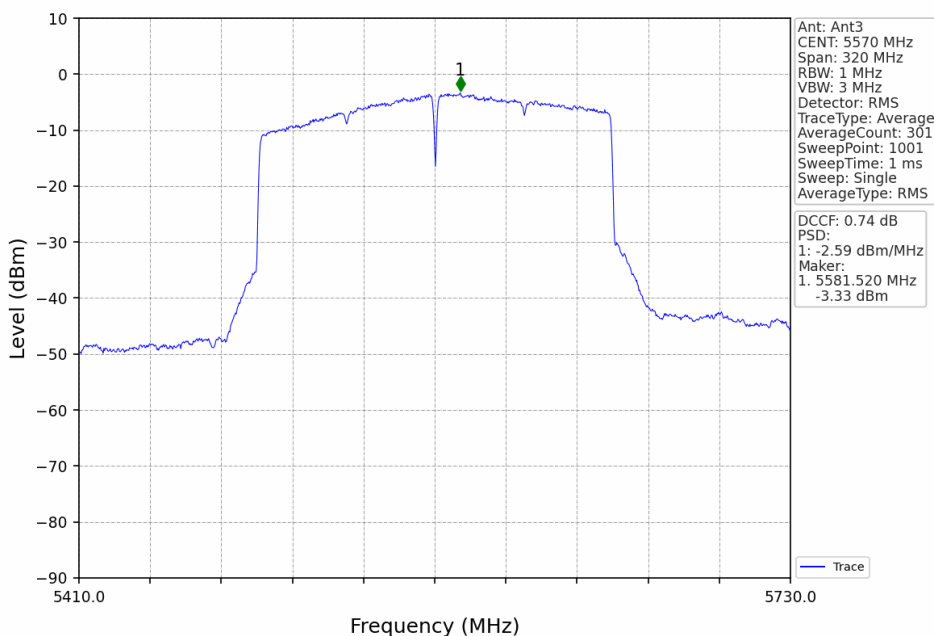
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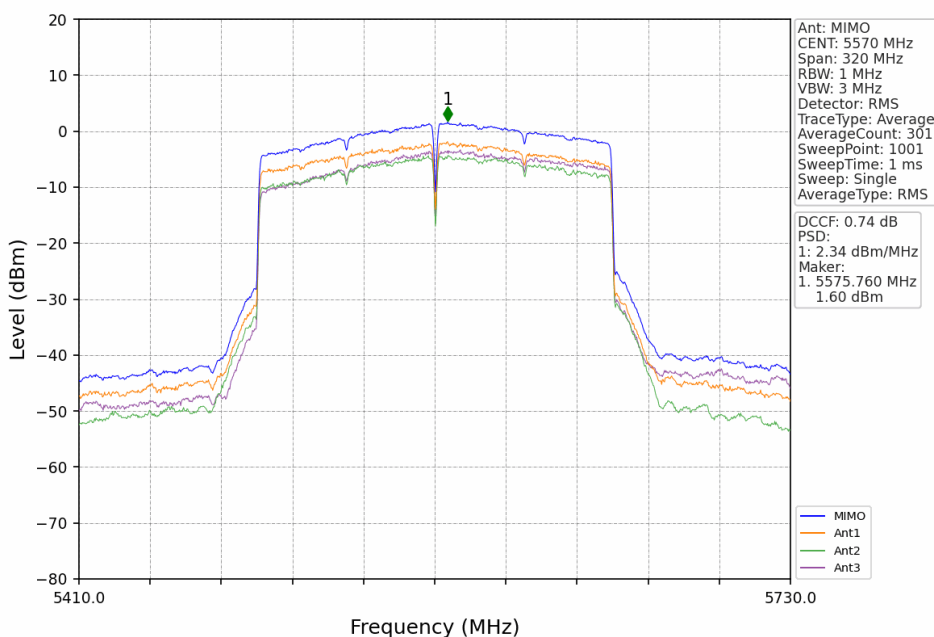
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802.11ax(HEW160)\_MCH\_5570MHz\_2xRU996\_Left\_MIMO\_NTNV



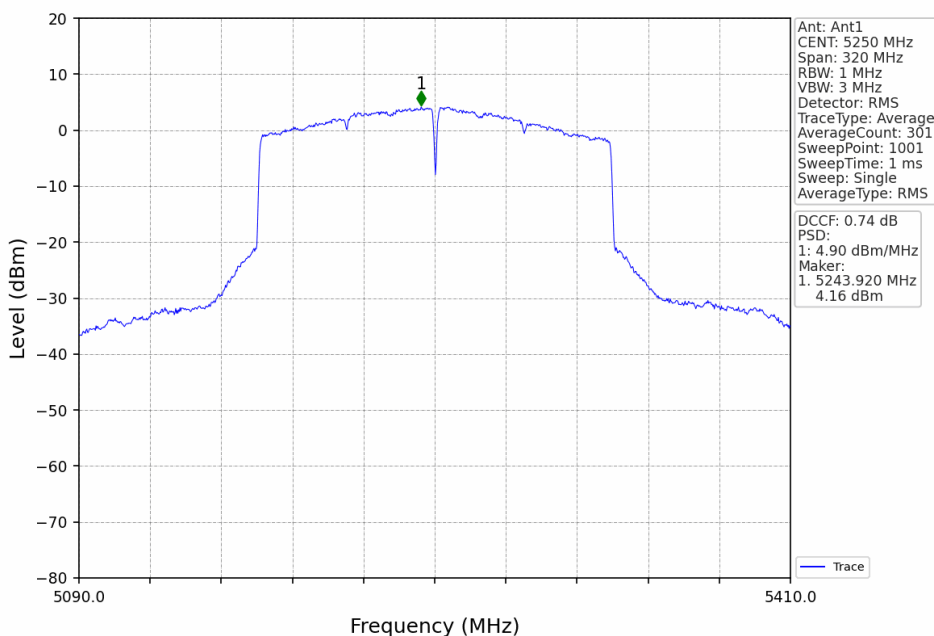
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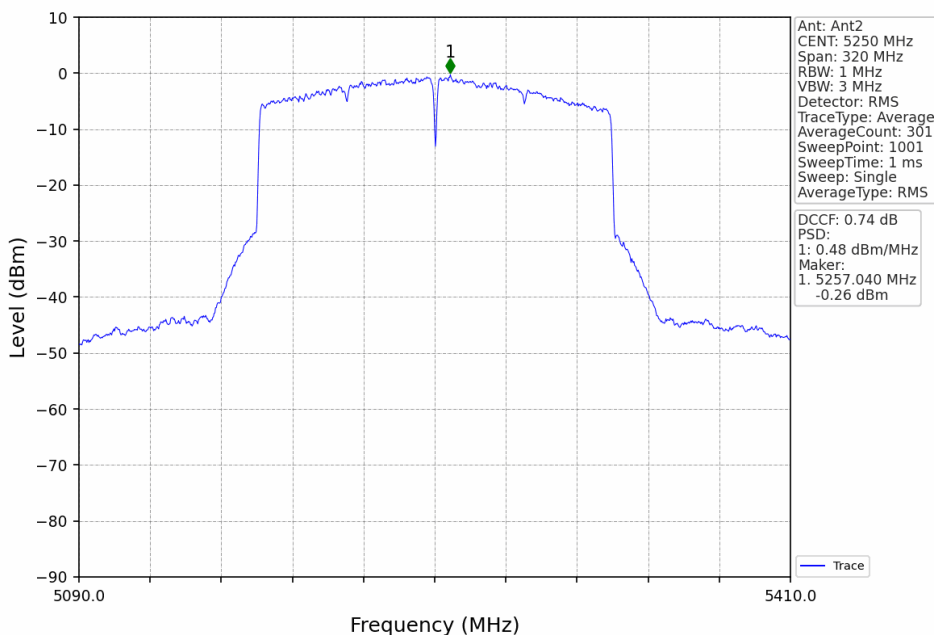
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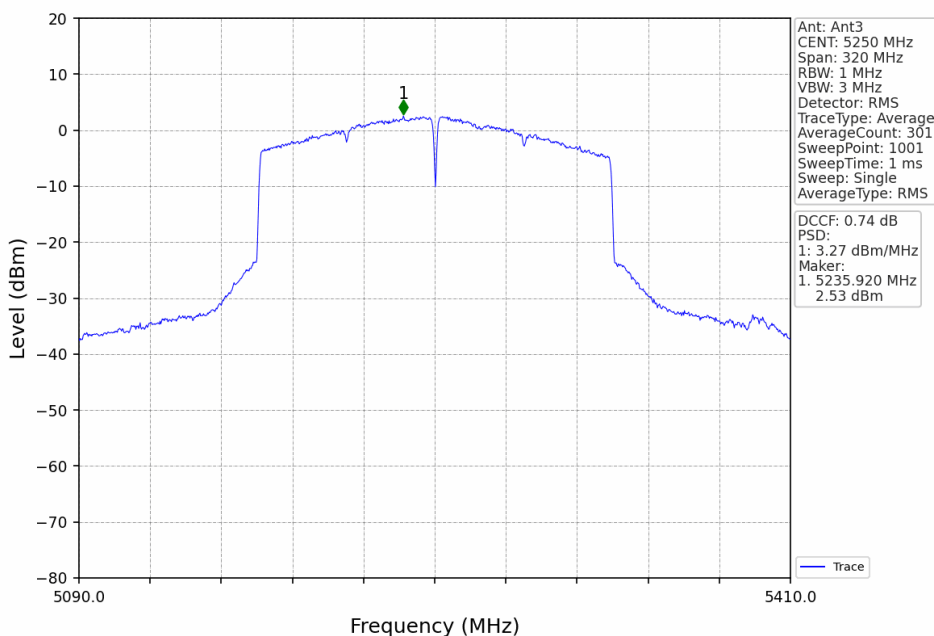
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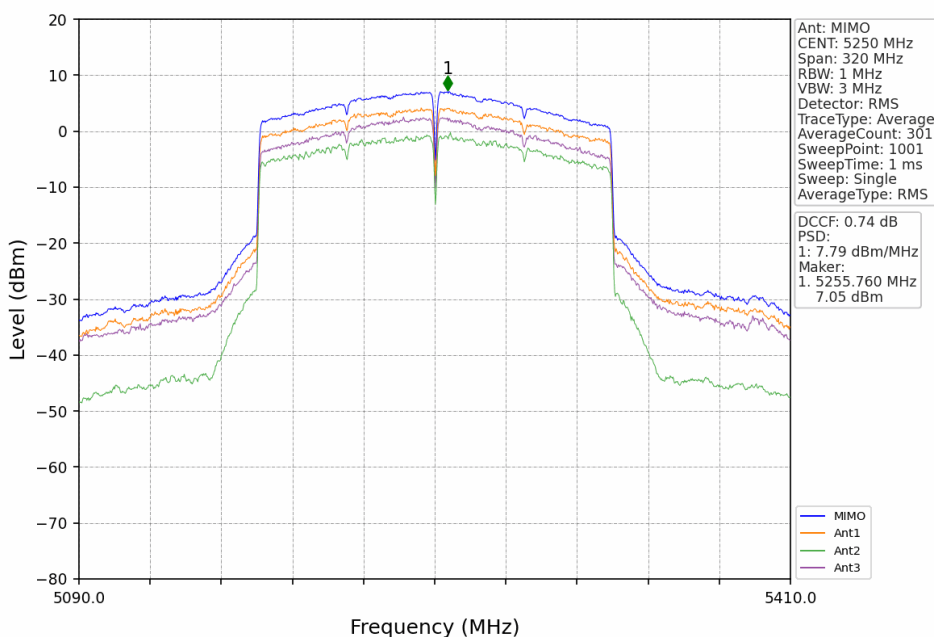
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100353903

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## 4.2 PSD-Band3

### 4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)					Verdict
					ANT1	ANT2	ANT3	MIMO	Limit	
802.11a	MIMO	5745	/	/	10.36	6.30	10.47	13.99	<=27.62	Pass
		5785	/	/	10.90	7.01	10.68	14.62	<=27.62	Pass
		5825	/	/	10.87	7.14	10.33	14.35	<=27.62	Pass
802.11n (HT20)	MIMO	5745	/	/	10.20	5.91	10.59	13.91	<=27.62	Pass
		5785	/	/	10.70	6.81	10.46	14.25	<=27.62	Pass
		5825	/	/	10.38	6.67	10.08	13.99	<=27.62	Pass
802.11n (HT40)	MIMO	5755	/	/	8.53	3.57	7.63	11.64	<=27.62	Pass
		5795	/	/	9.26	4.46	7.70	12.15	<=27.62	Pass
802.11ac (VHT20)	MIMO	5745	/	/	10.39	6.18	9.73	13.71	<=27.62	Pass
		5785	/	/	9.99	5.65	7.99	12.80	<=27.62	Pass
		5825	/	/	9.79	5.39	7.43	12.48	<=27.62	Pass
802.11ac (VHT40)	MIMO	5755	/	/	8.02	3.52	7.37	11.33	<=27.62	Pass
		5795	/	/	8.75	4.13	7.44	11.77	<=27.62	Pass
802.11ac (VHT80)	MIMO	5775	/	/	5.52	0.87	4.25	8.60	<=27.62	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	9.61	5.71	9.69	13.26	<=27.62	Pass
		5785	RU242	Left	10.16	6.16	9.11	13.42	<=27.62	Pass
		5825	RU242	Left	10.10	6.40	8.47	13.13	<=27.62	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	8.03	3.90	7.54	11.46	<=27.62	Pass
		5795	RU484	Left	9.02	4.39	7.30	11.85	<=27.62	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	5.81	0.90	4.56	8.74	<=27.62	Pass

### 5G WIFI Antenna Gain:

Band	Ant1 gain (dBi)	Ant2 gain (dBi)	Ant3 gain (dBi)	Directional gain for power (dBi)	Directional gain for PSD (dBi)
U-NII Band 1	0.67	1.30	2.72	2.72	7.49
U-NII Band 2A	1.24	2.47	3.44	3.44	8.21
U-NII Band 2C	1.52	2.75	3.24	3.24	8.01
U-NII Band 3	0.74	2.31	3.61	3.61	8.38



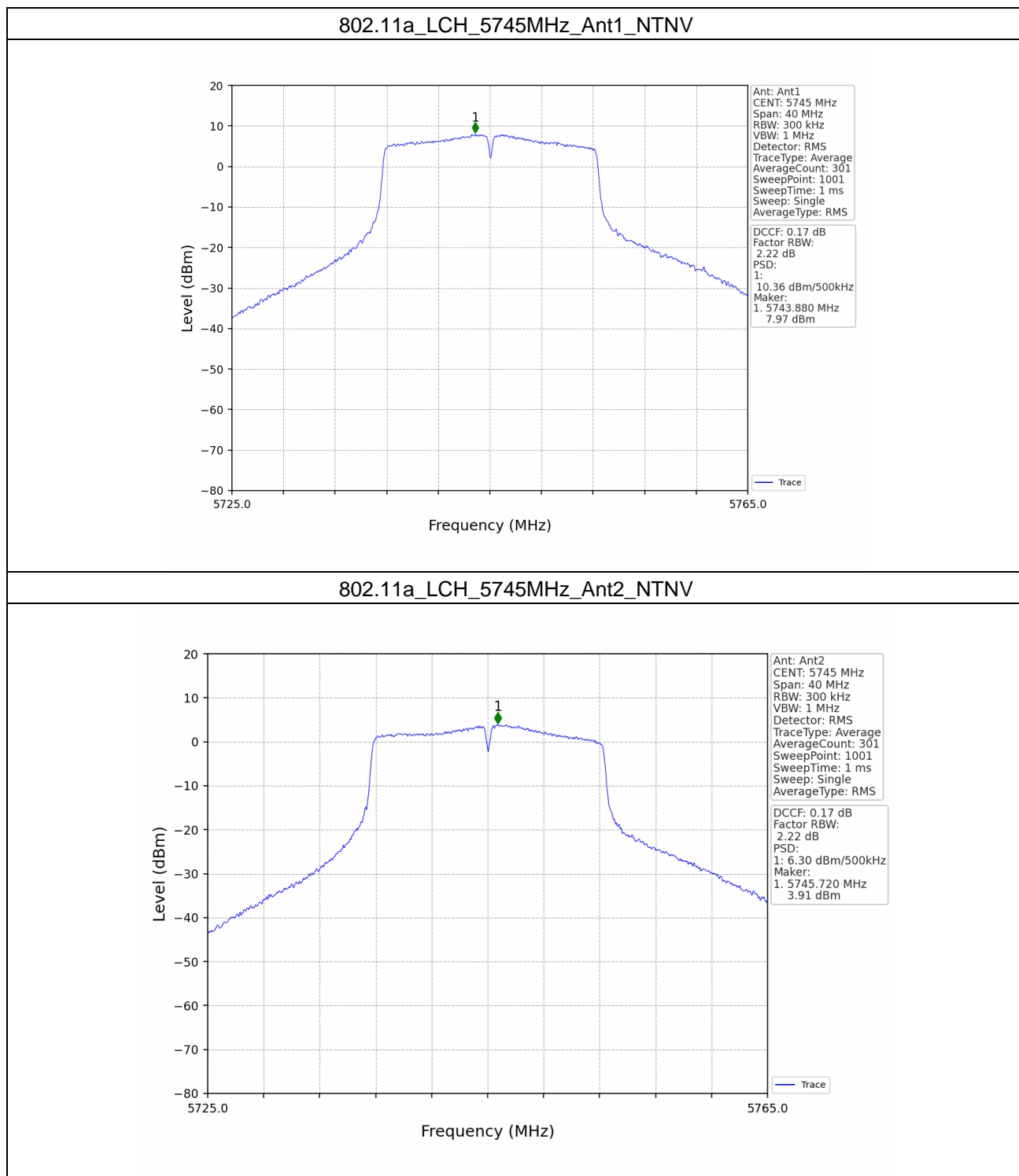
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### 4.2.2 Test Graph



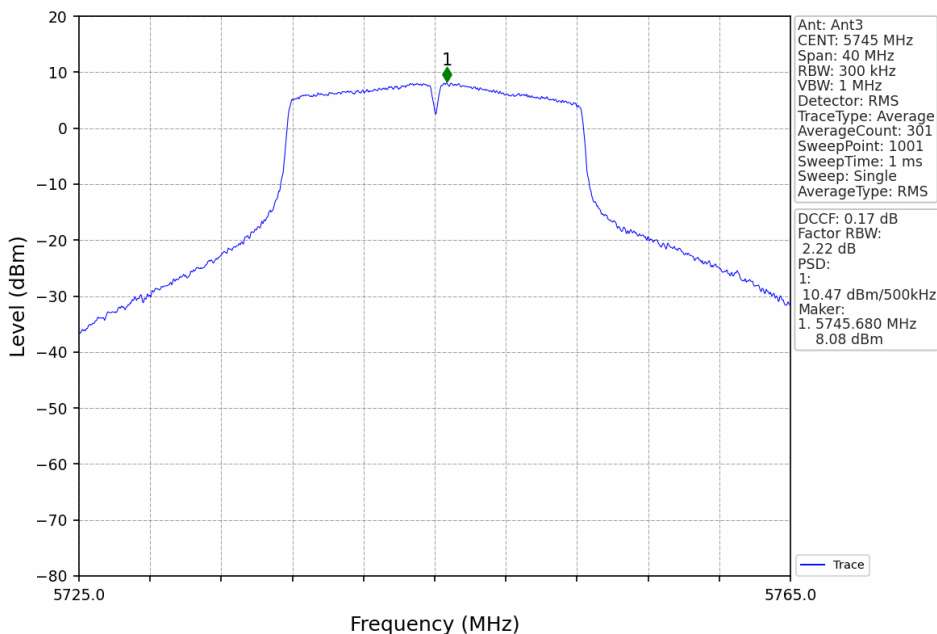
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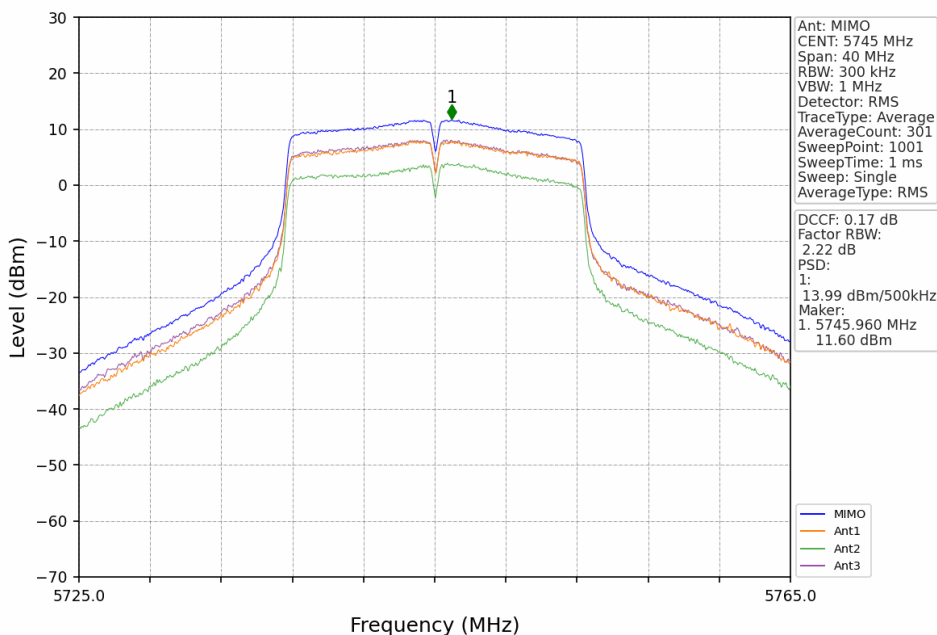
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802.11a\_LCH\_5745MHz\_Ant3\_NTNV



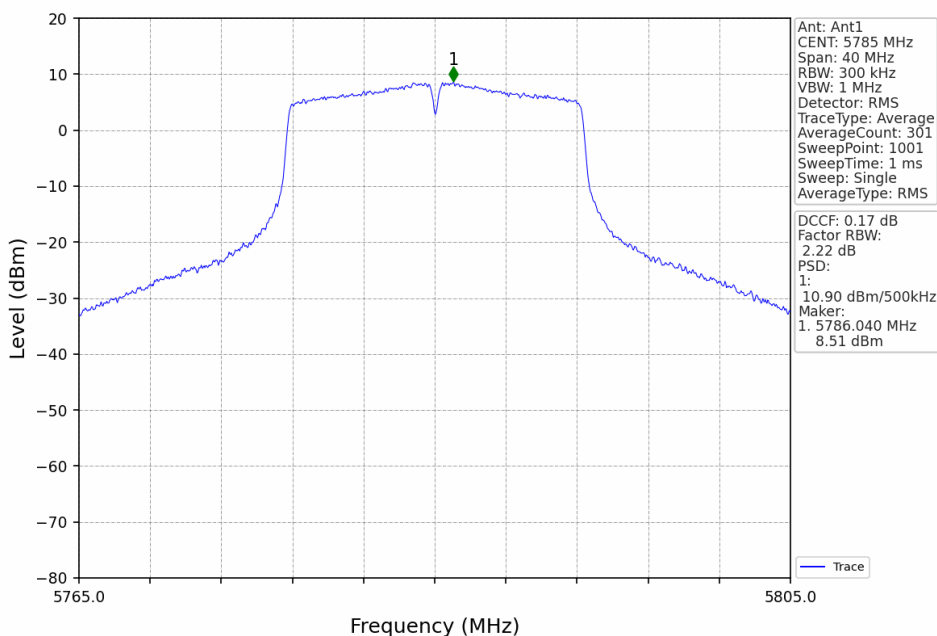
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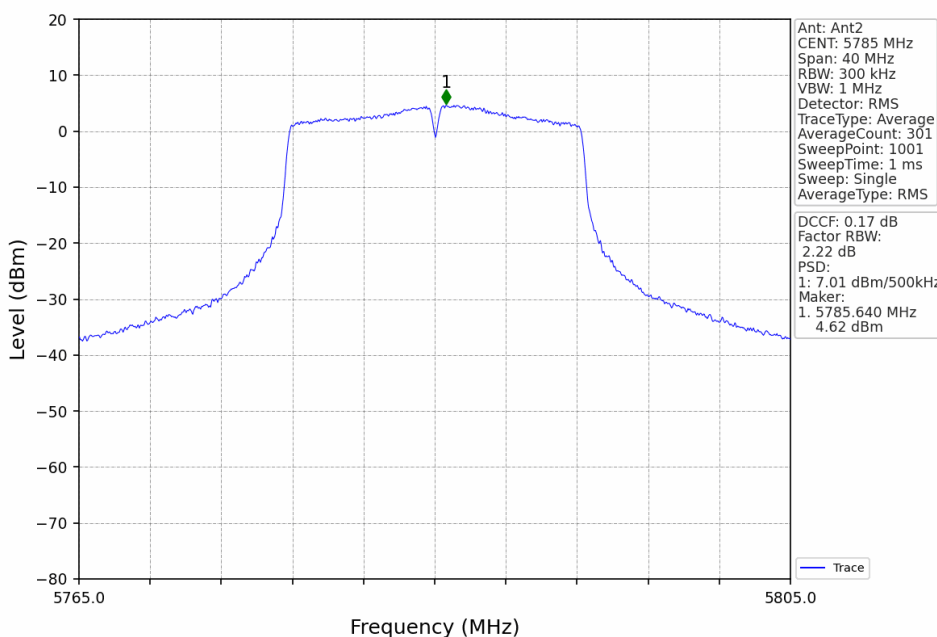
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802.11a\_MCH\_5785MHz\_Ant1\_NTNV



802.11a\_MCH\_5785MHz\_Ant2\_NTNV



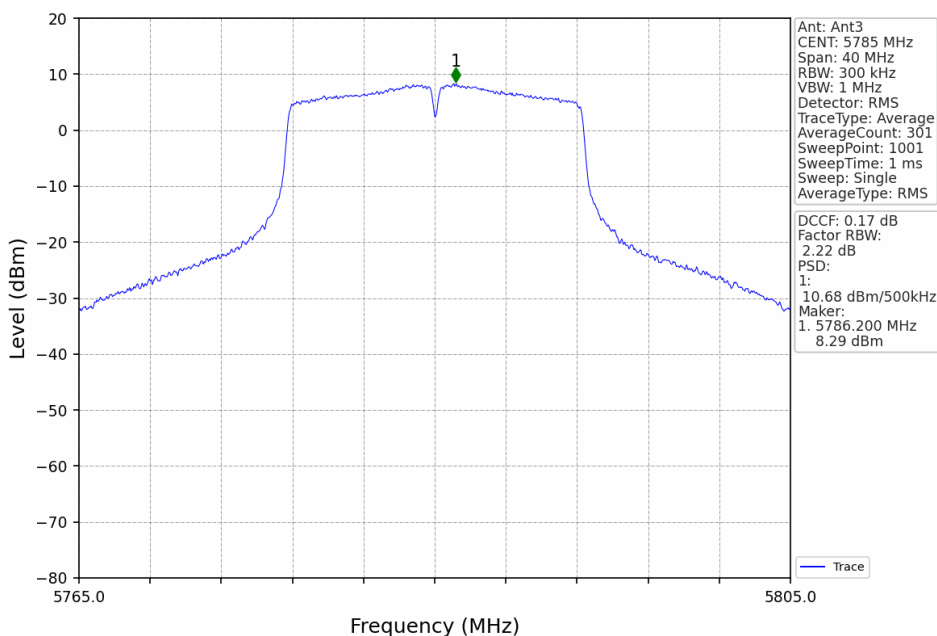
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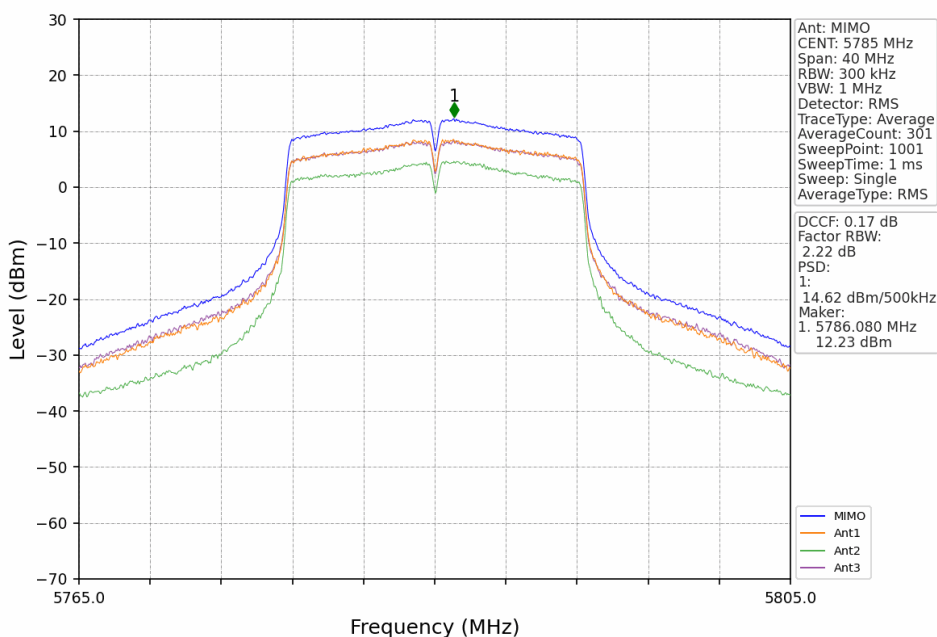
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802.11a\_MCH\_5785MHz\_Ant3\_NTNV



802.11a\_MCH\_5785MHz\_MIMO\_NTNV



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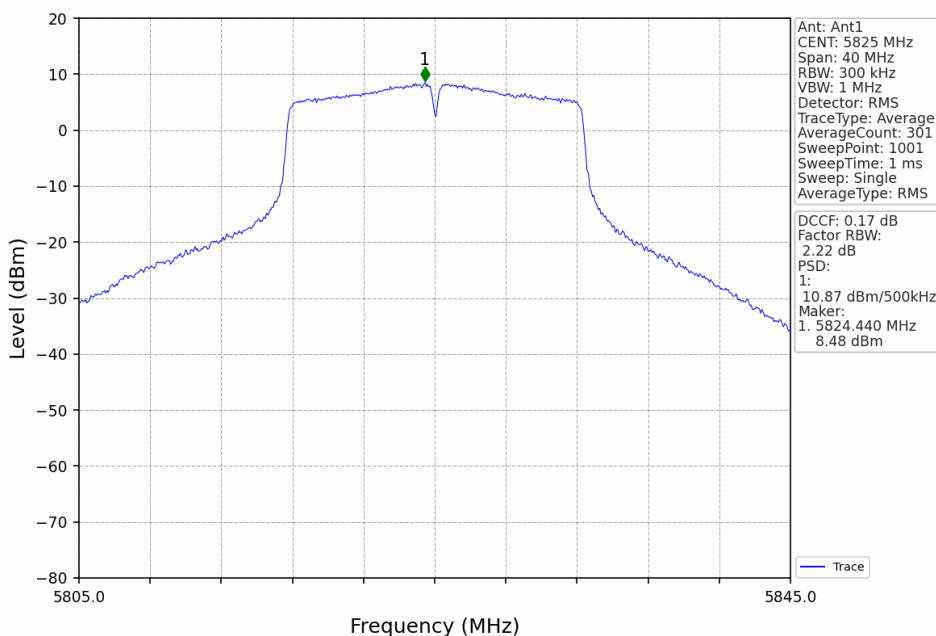
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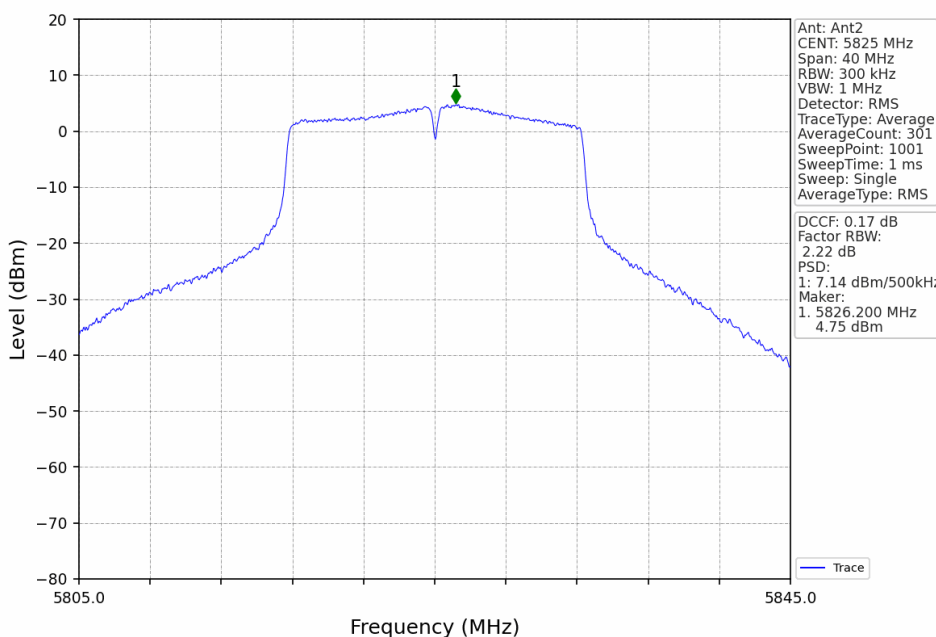
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802.11a\_HCH\_5825MHz\_Ant1\_NTNV



802.11a\_HCH\_5825MHz\_Ant2\_NTNV



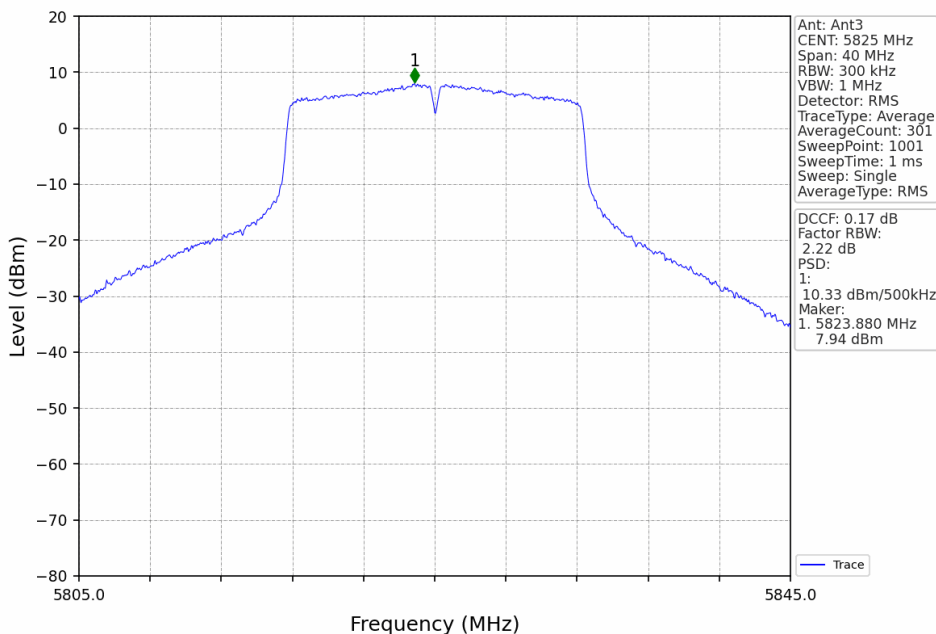
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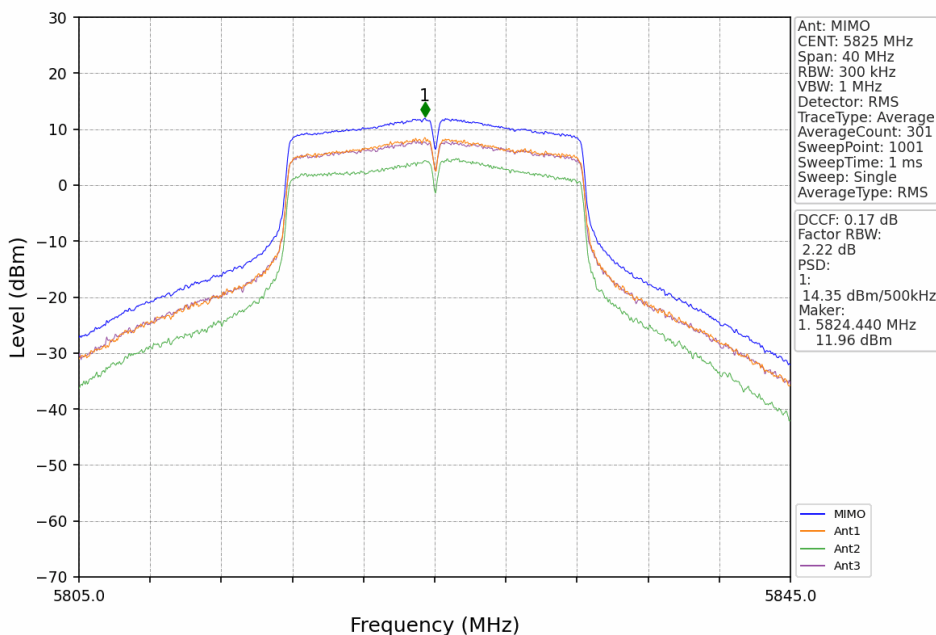
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802.11a\_HCH\_5825MHz\_Ant3\_NTNV



802.11a\_HCH\_5825MHz\_MIMO\_NTNV



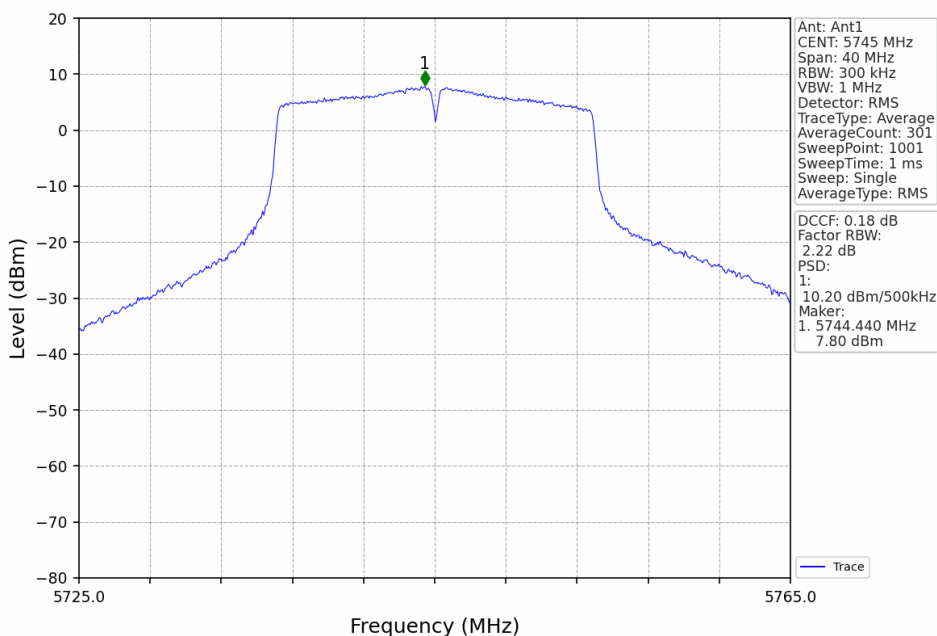
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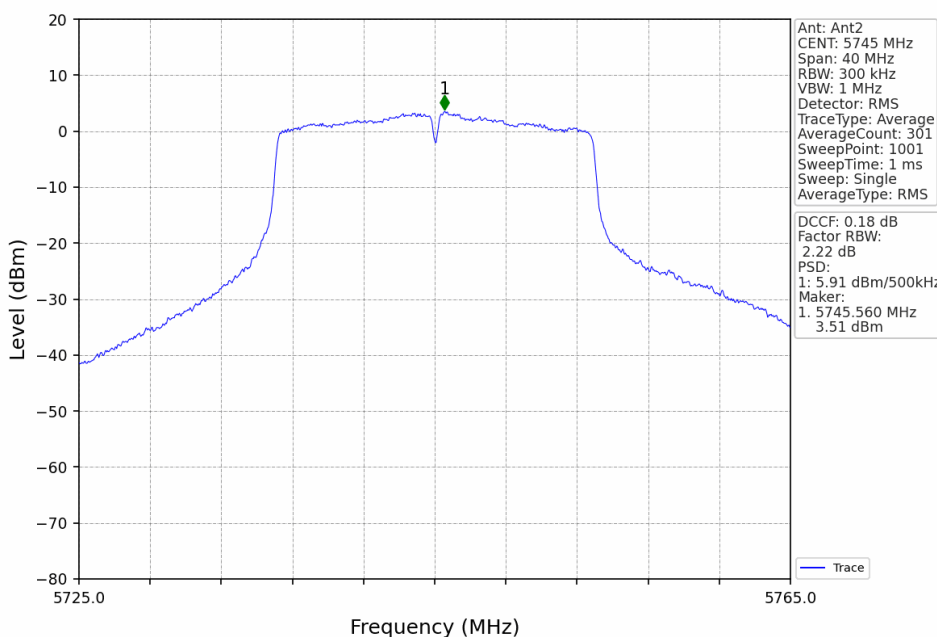
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802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



802.11n(HT20)\_LCH\_5745MHz\_Ant2\_NTNV



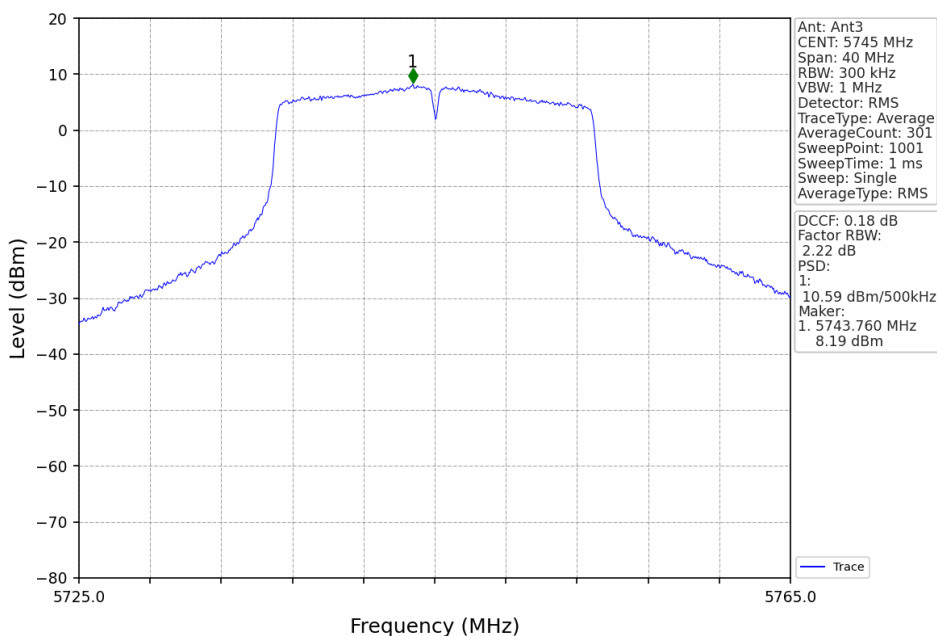
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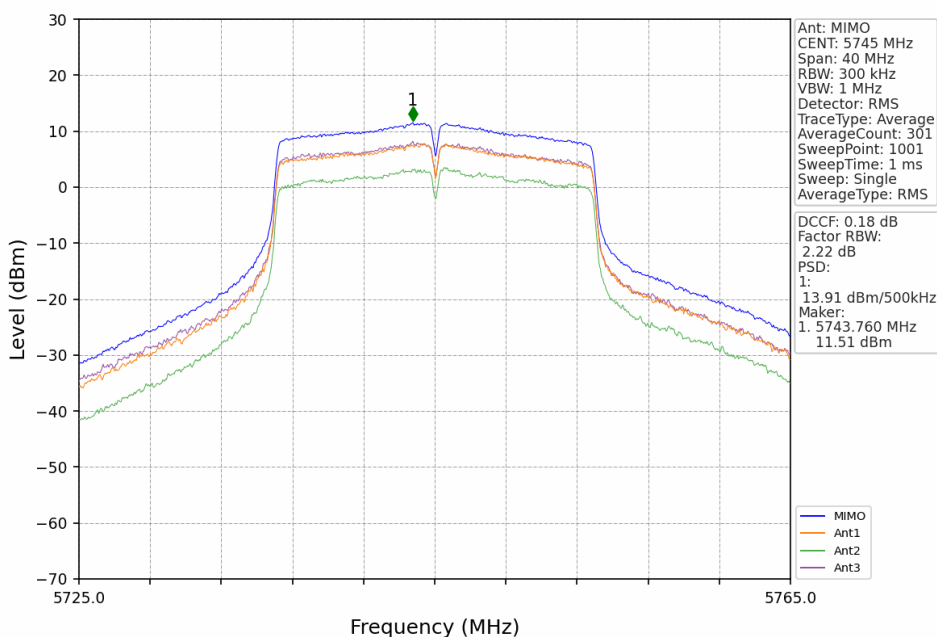
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802.11n(HT20)\_LCH\_5745MHz\_Ant3\_NTNV



802.11n(HT20)\_LCH\_5745MHz\_MIMO\_NTNV



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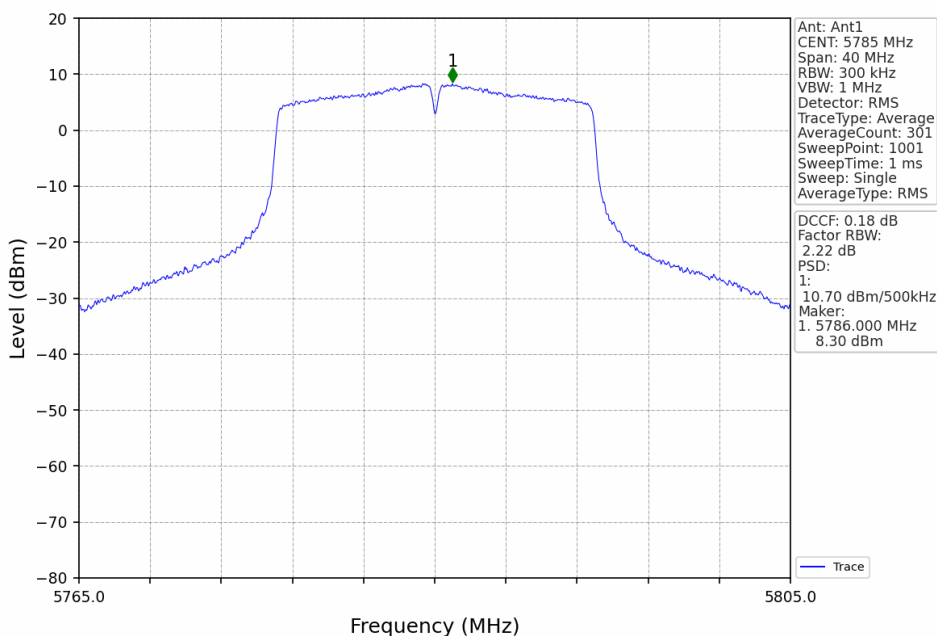
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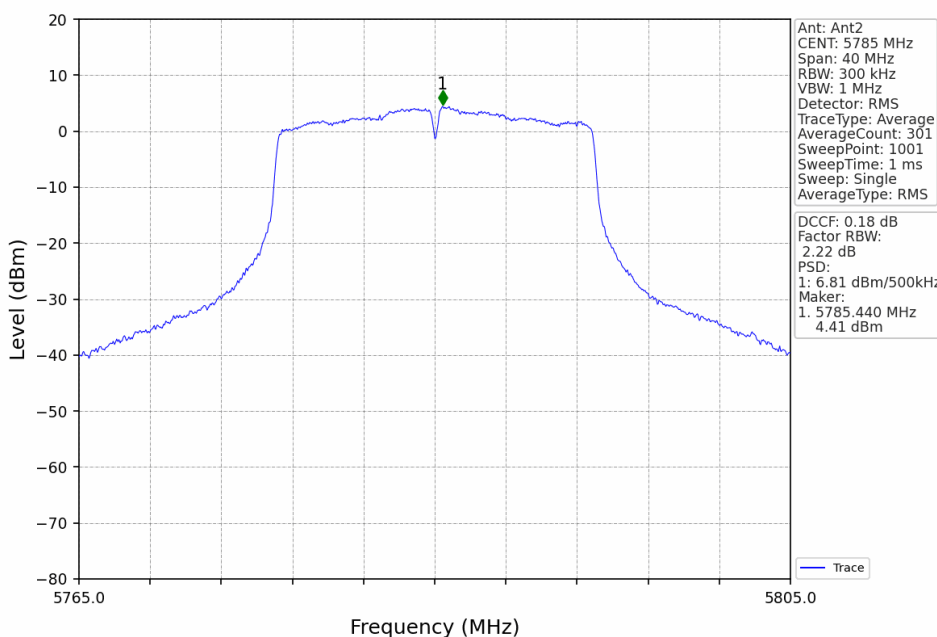
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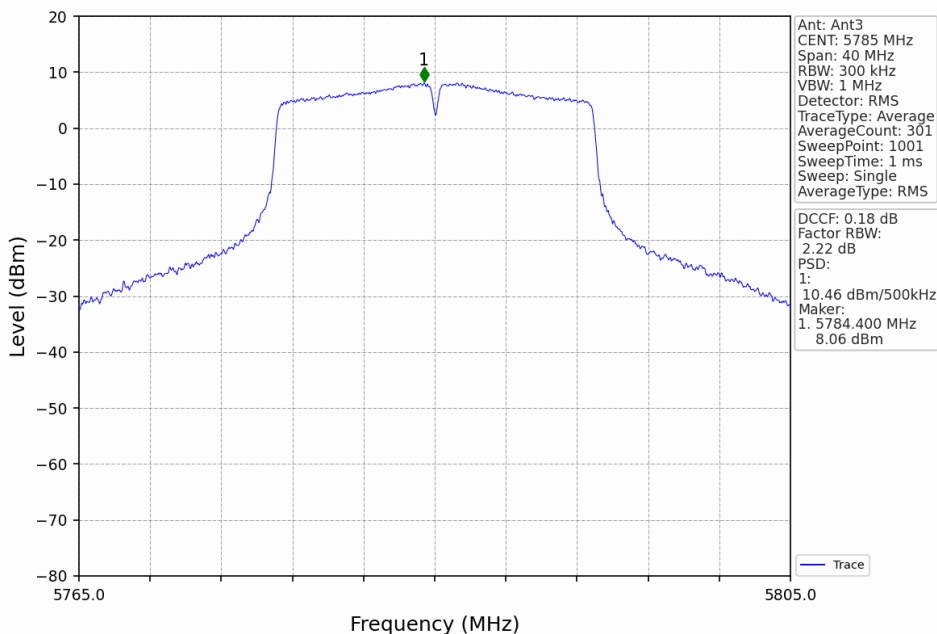
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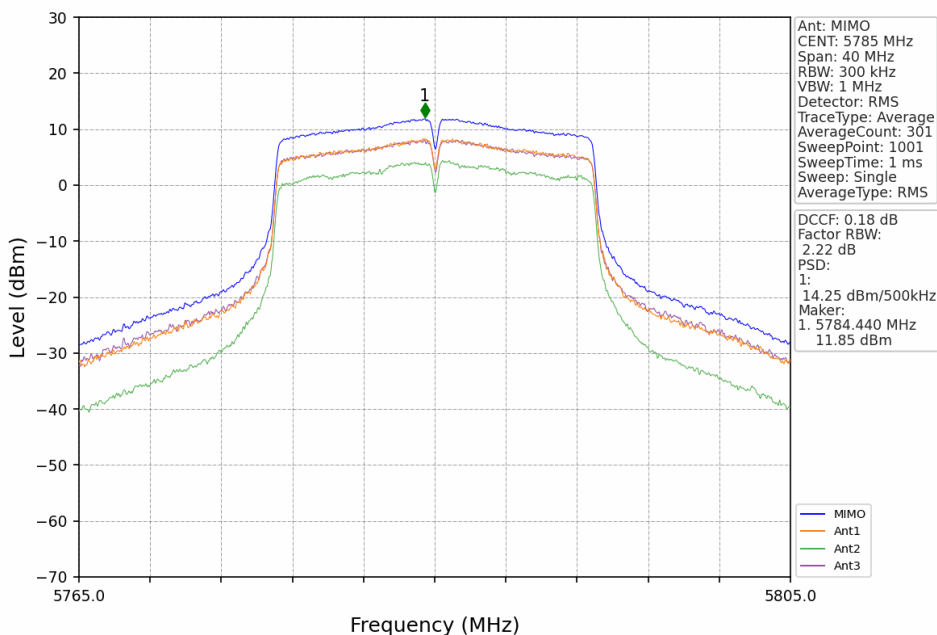
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802.11n(HT20)\_MCH\_5785MHz\_Ant3\_NTNV



802.11n(HT20)\_MCH\_5785MHz\_MIMO\_NTNV



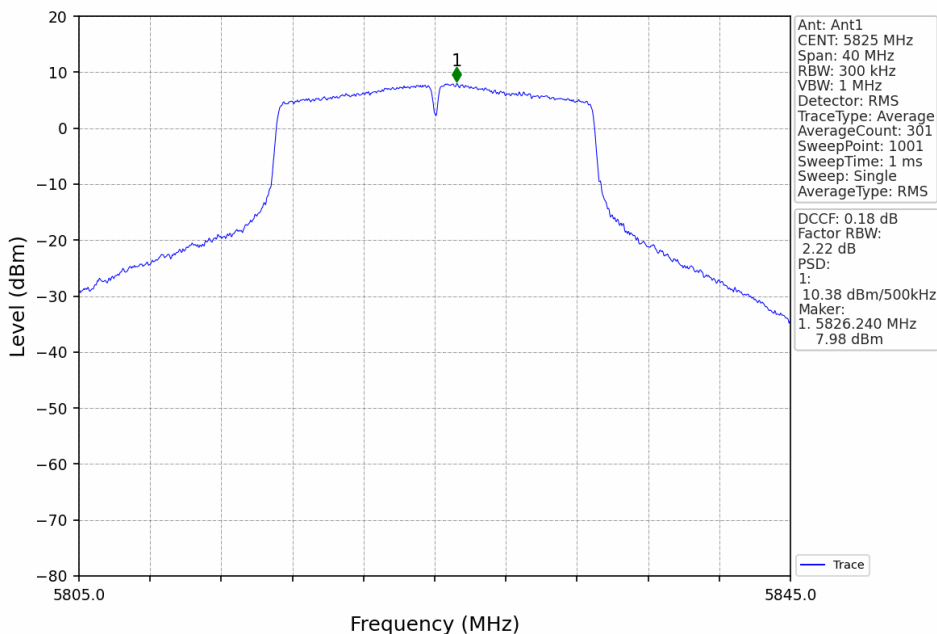
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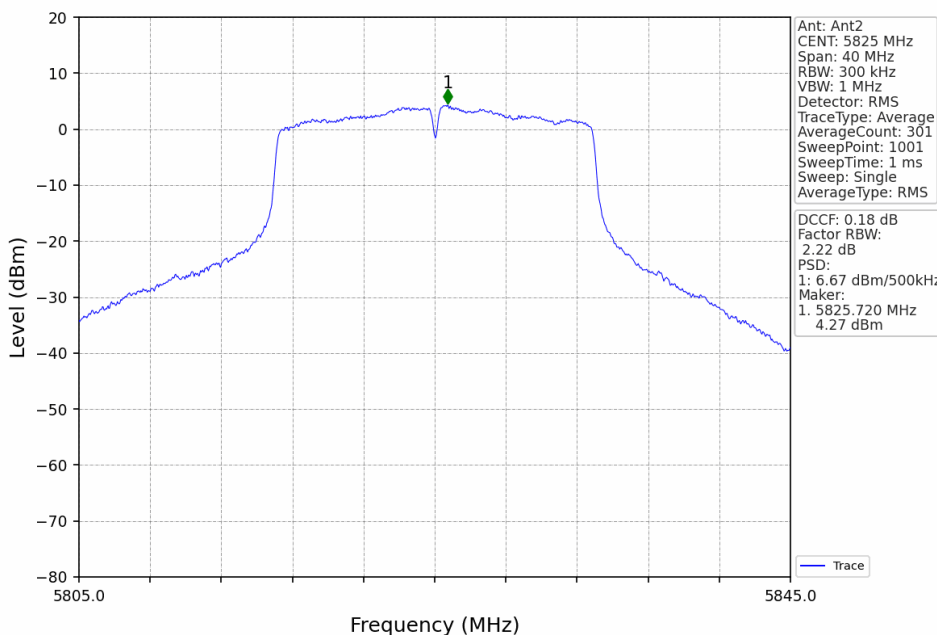
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802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



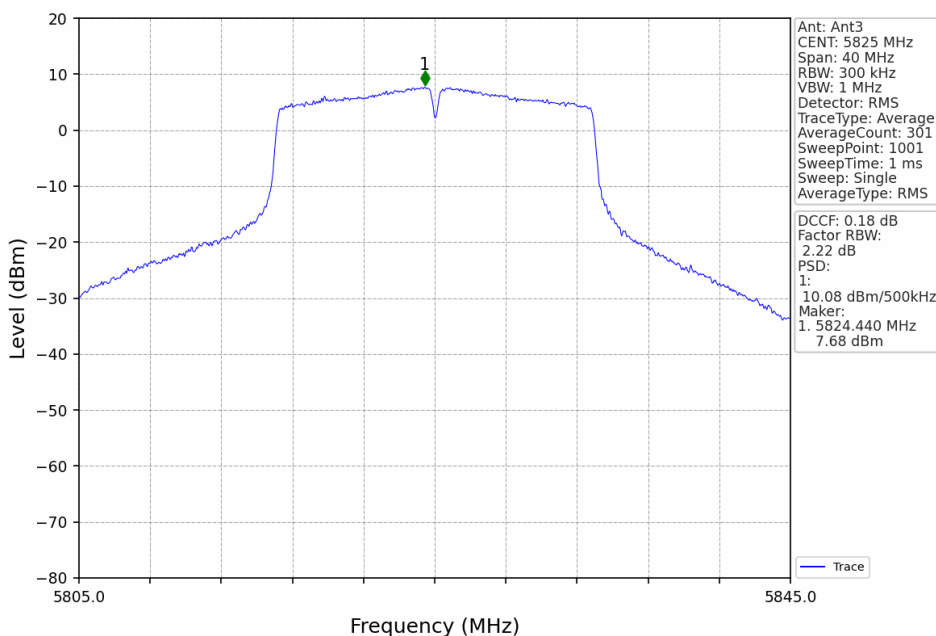
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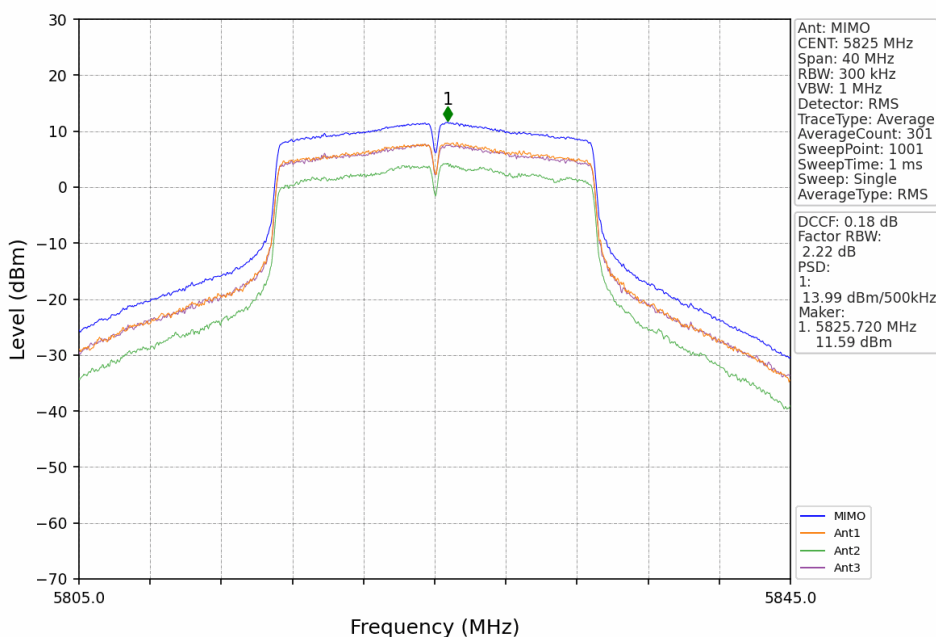
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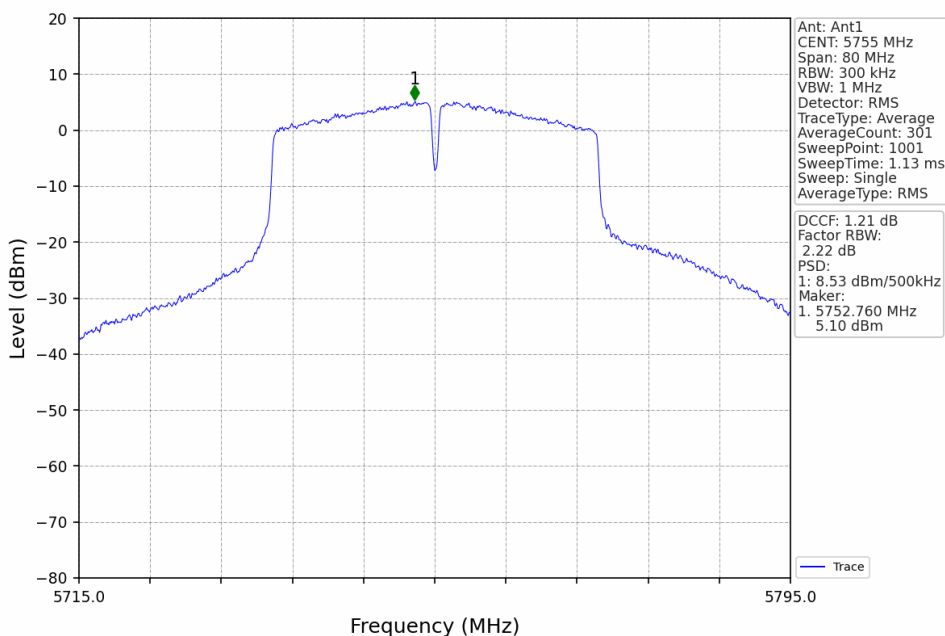


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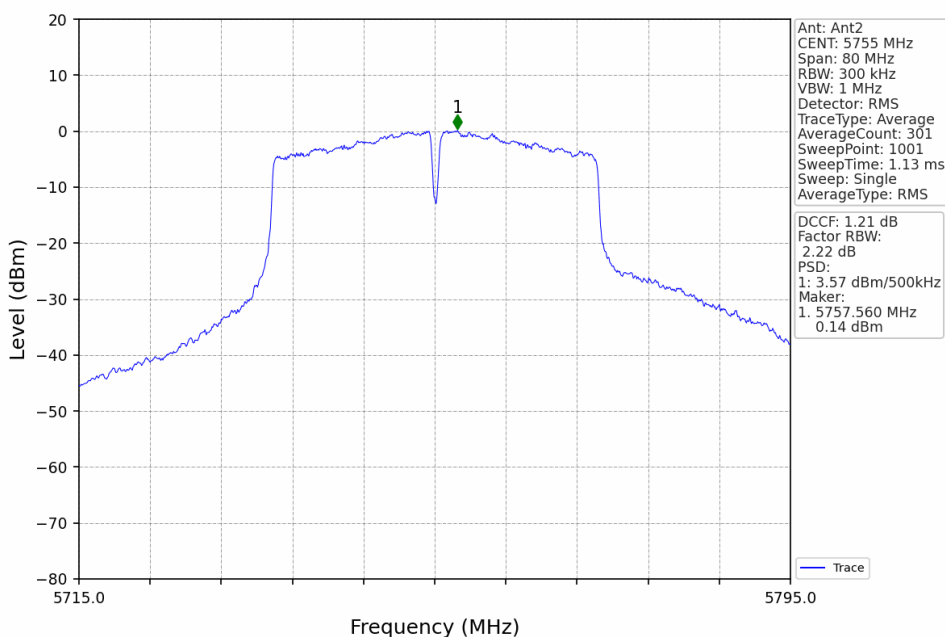




802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant2\_NTNV



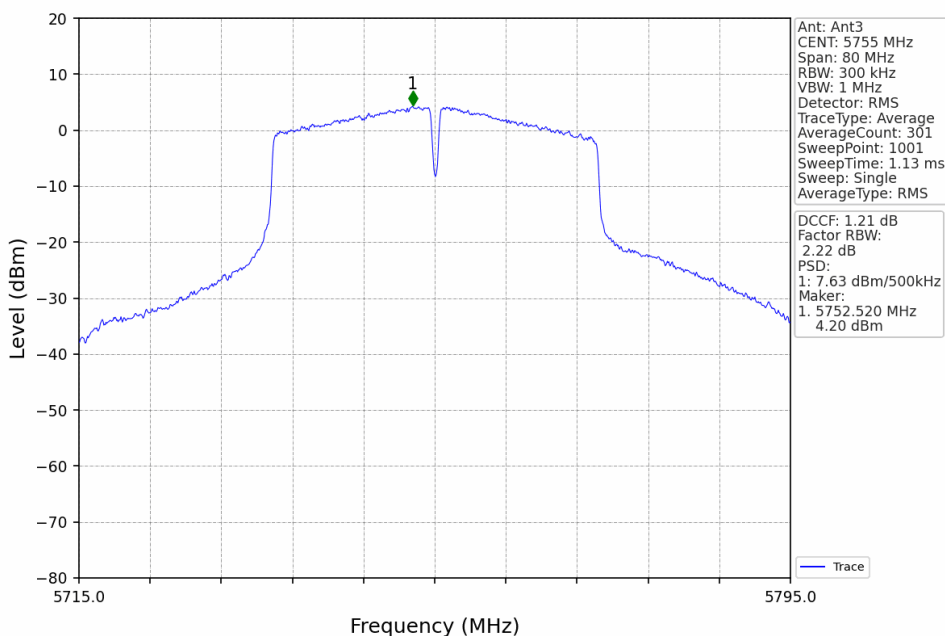
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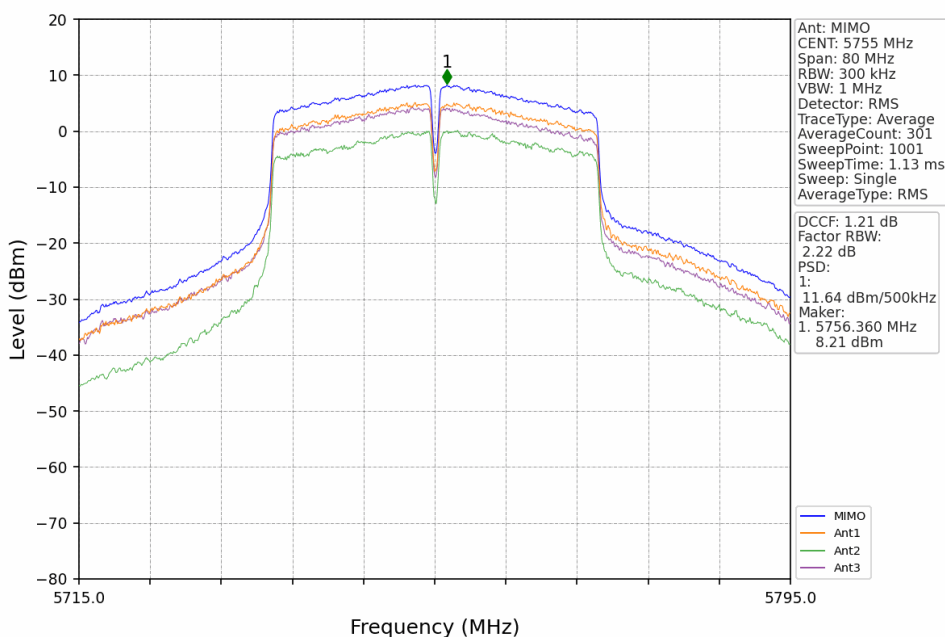
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802.11n(HT40)\_LCH\_5755MHz\_Ant3\_NTNV



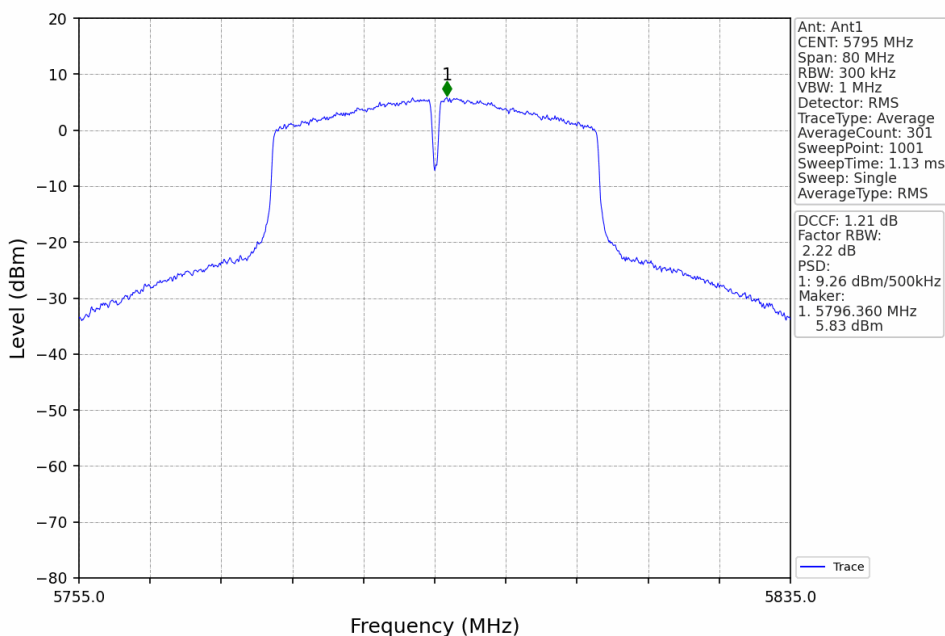
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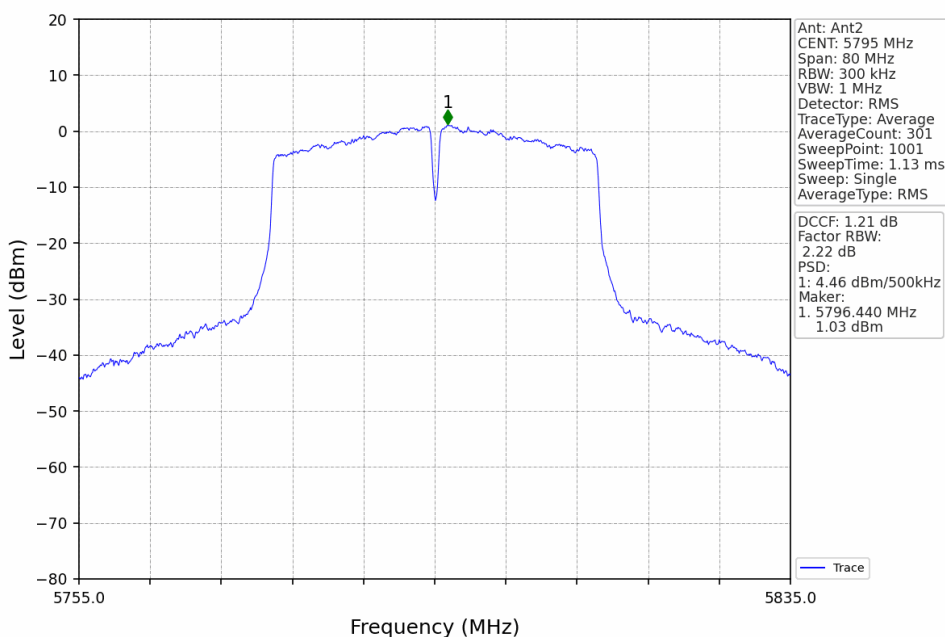
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802.11n(HT40)\_HCH\_5795MHz\_Ant2\_NTNV



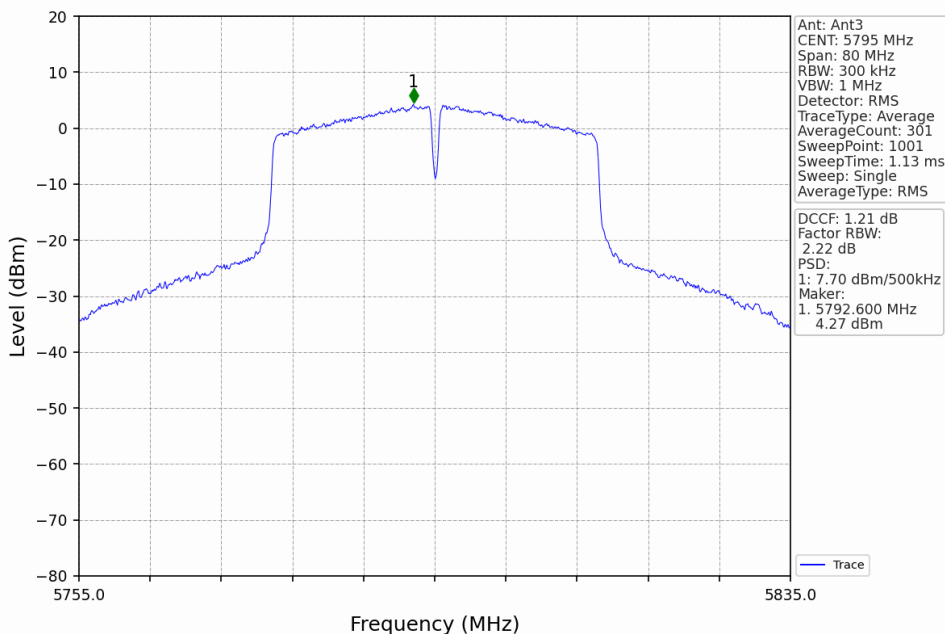
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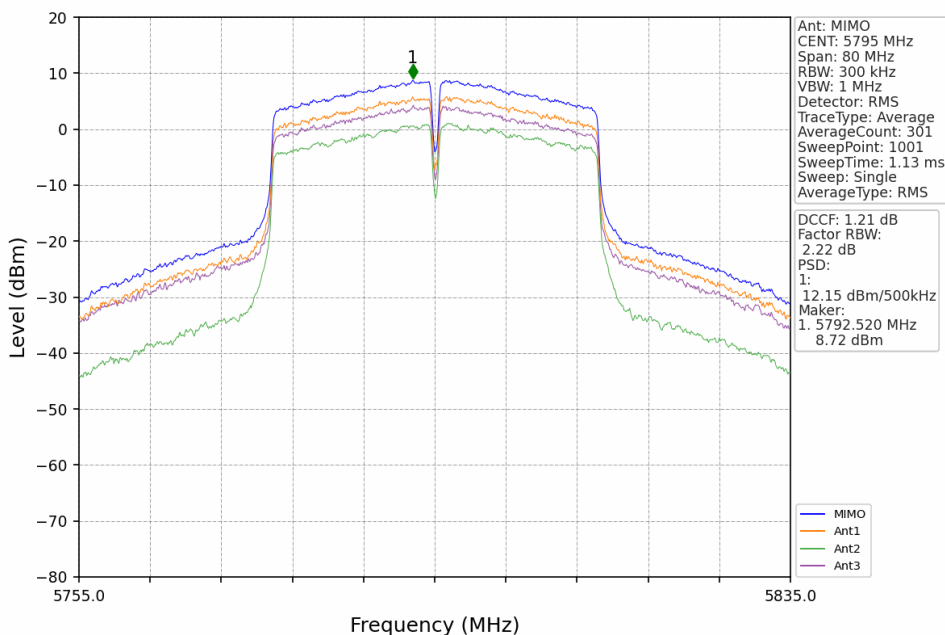
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802.11n(HT40)\_HCH\_5795MHz\_Ant3\_NTNV



802.11n(HT40)\_HCH\_5795MHz\_MIMO\_NTNV

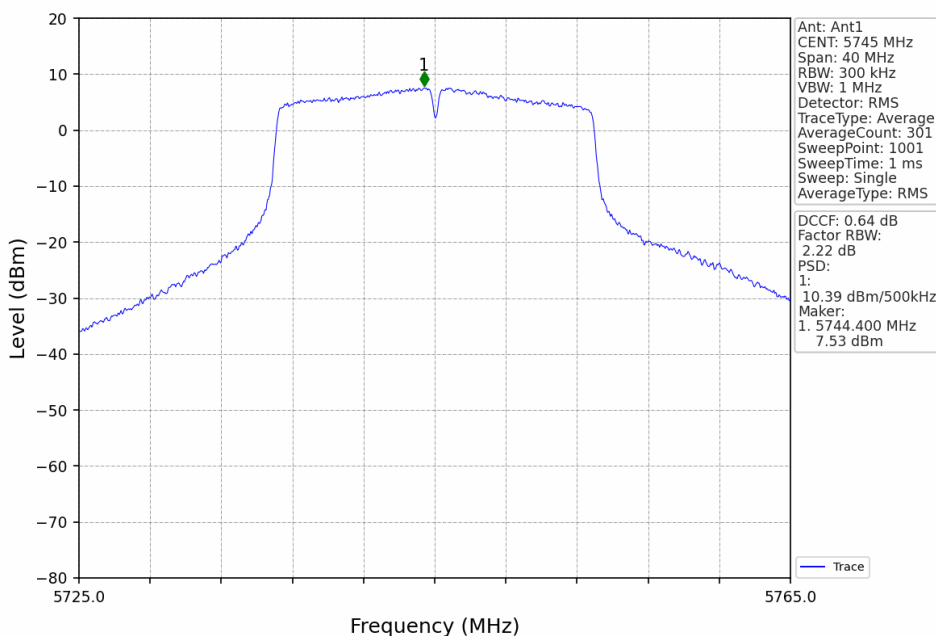


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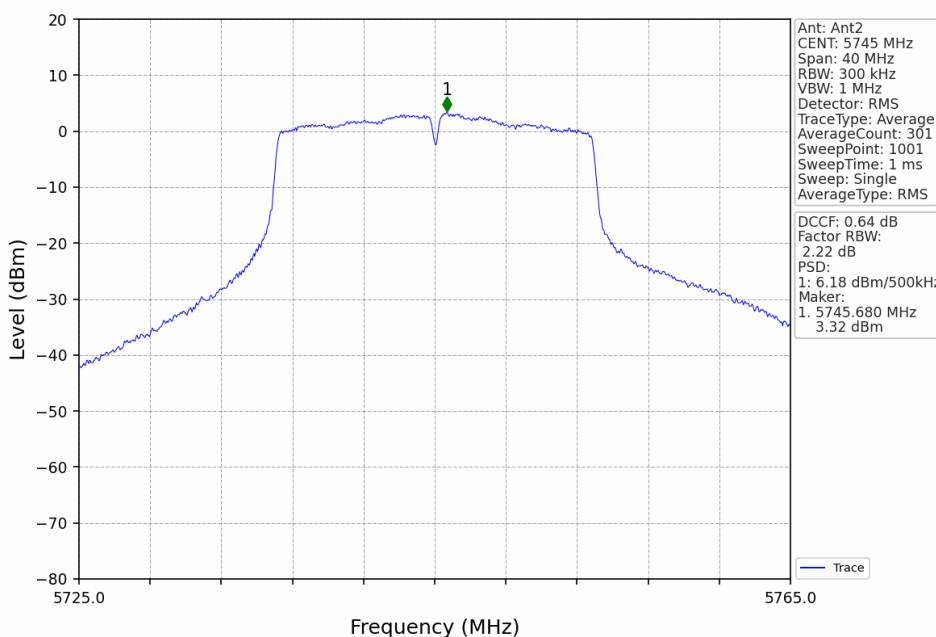
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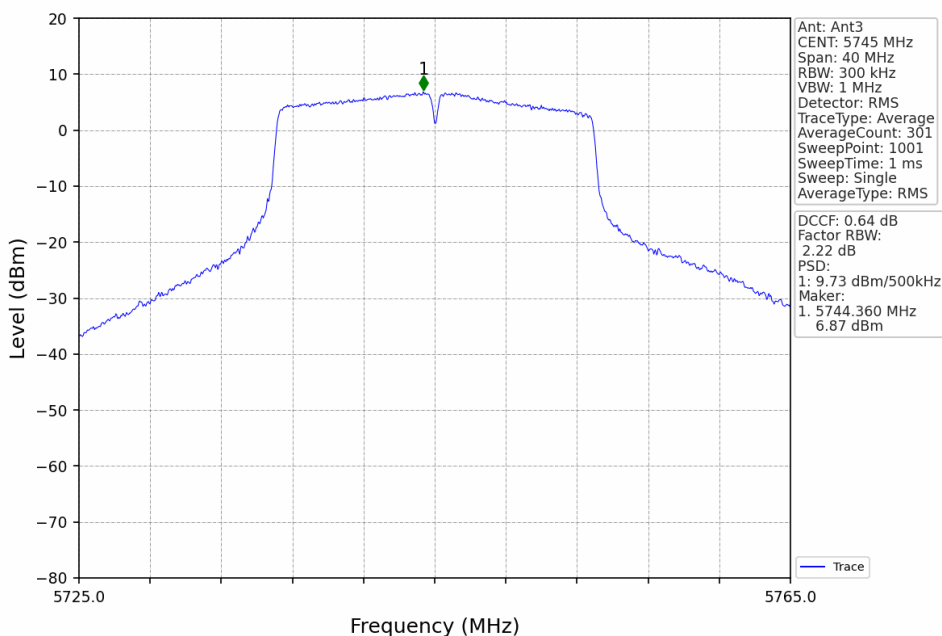
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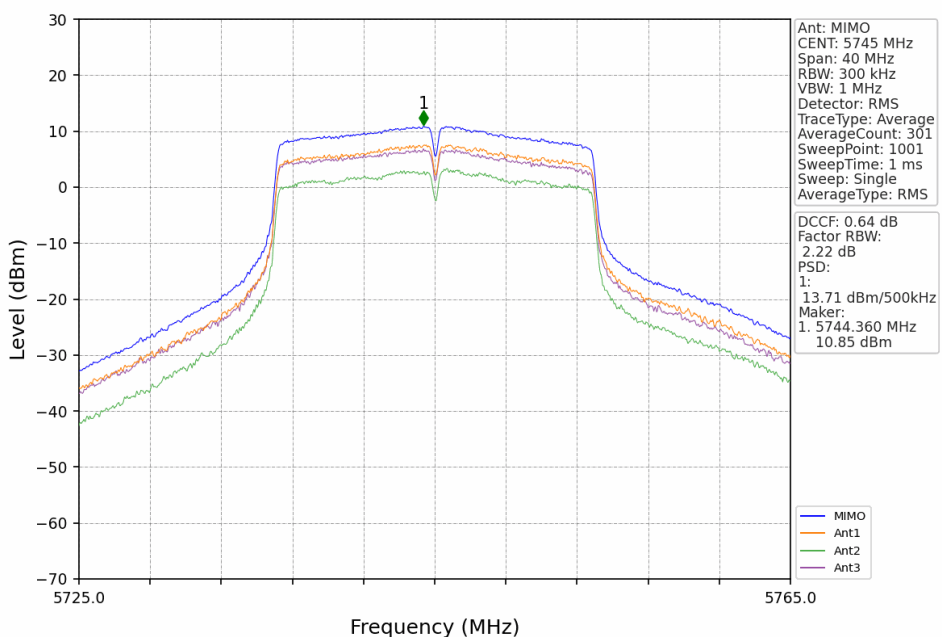
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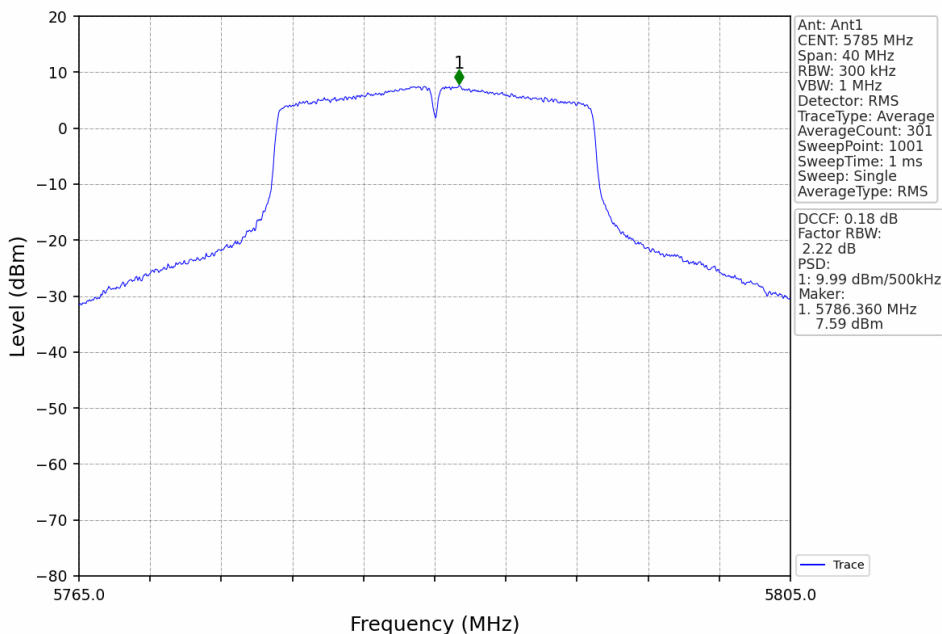
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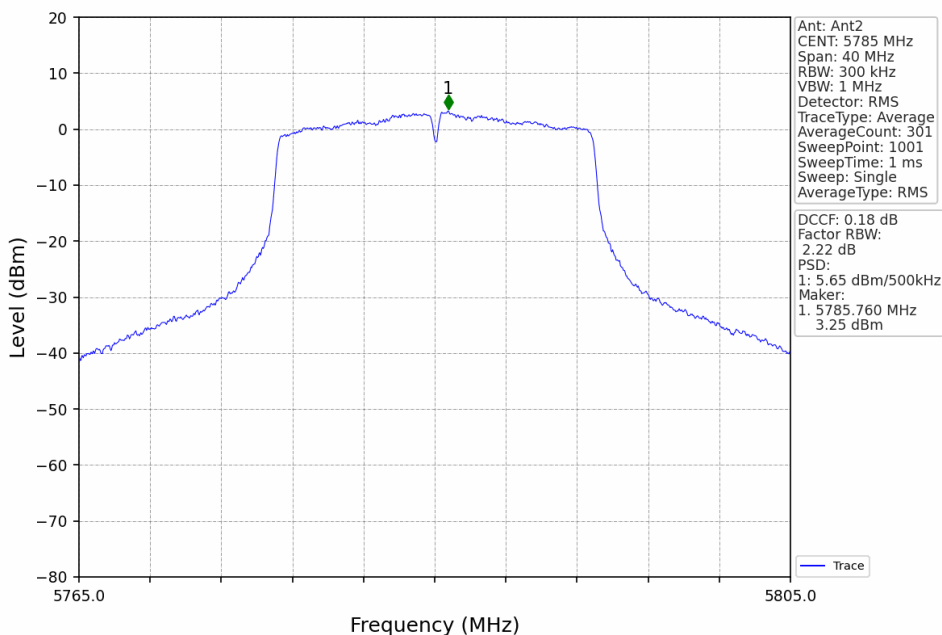
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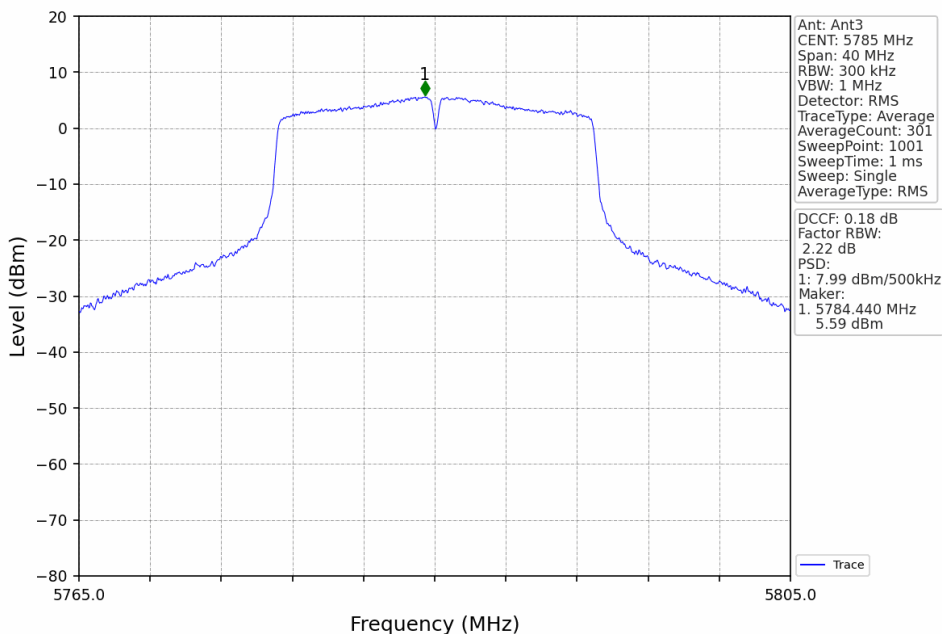
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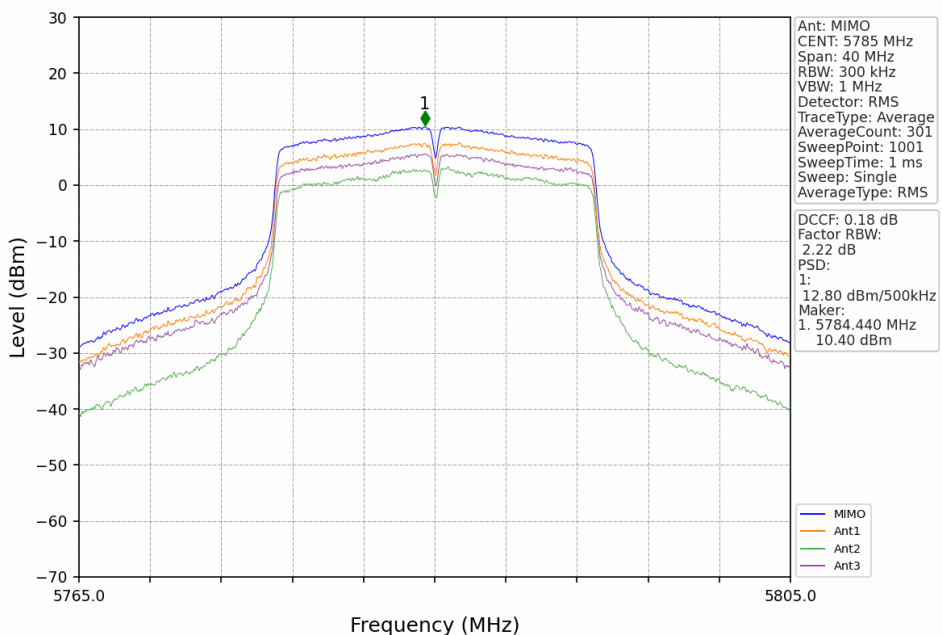
802.11ac(VHT20)\_MCH\_5785MHz\_Ant2\_NTNV



802.11ac(VHT20)\_MCH\_5785MHz\_Ant3\_NTNV



802.11ac(VHT20)\_MCH\_5785MHz\_MIMO\_NTNV

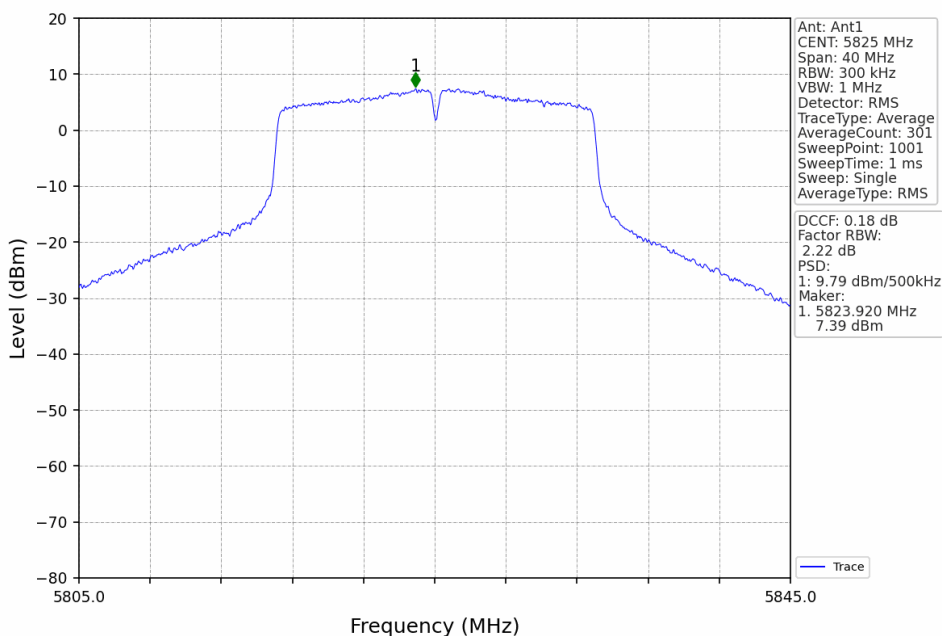


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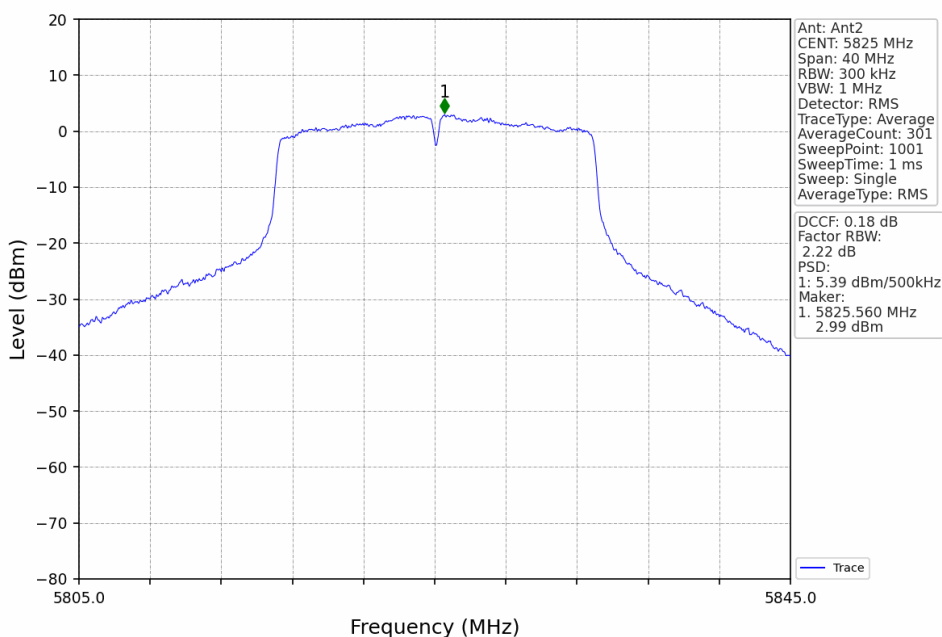
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802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



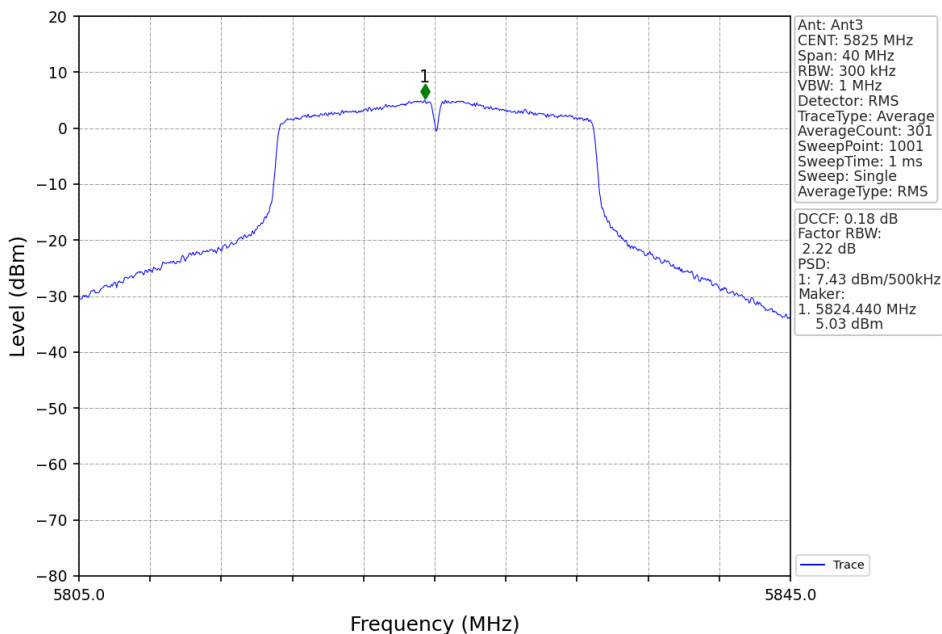
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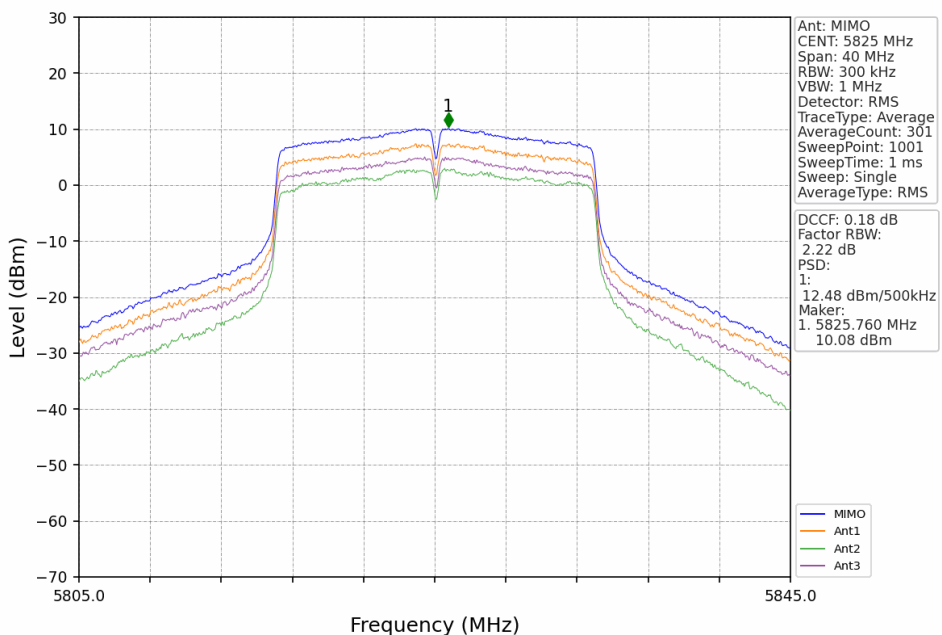
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802.11ac(VHT20)\_HCH\_5825MHz\_Ant3\_NTNV



802.11ac(VHT20)\_HCH\_5825MHz\_MIMO\_NTNV



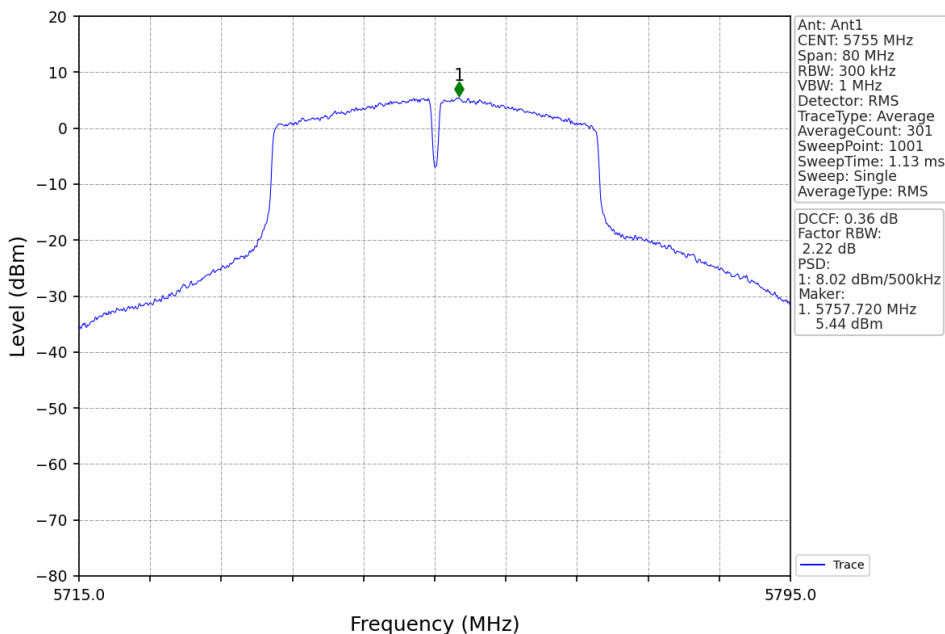
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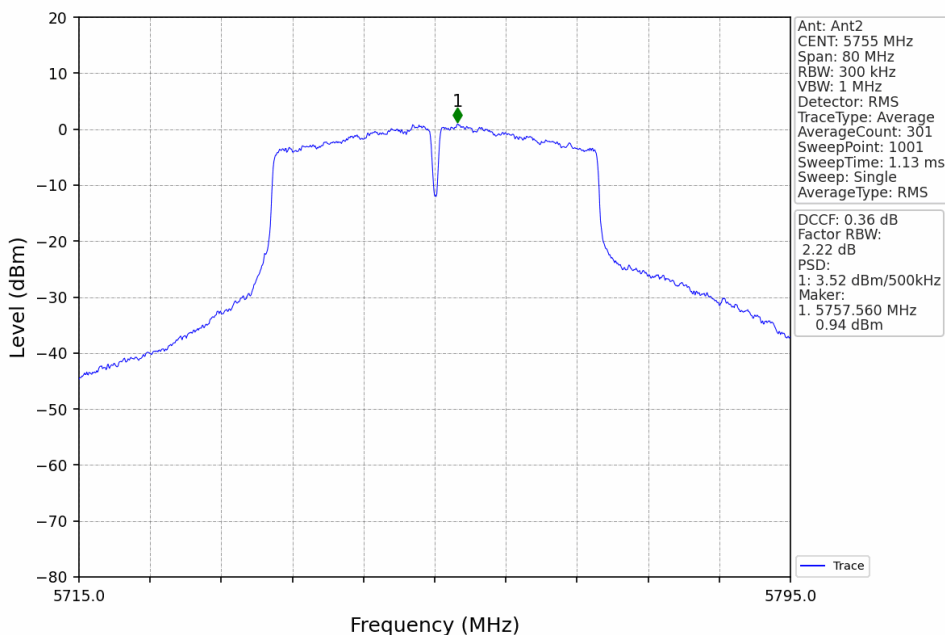
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802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



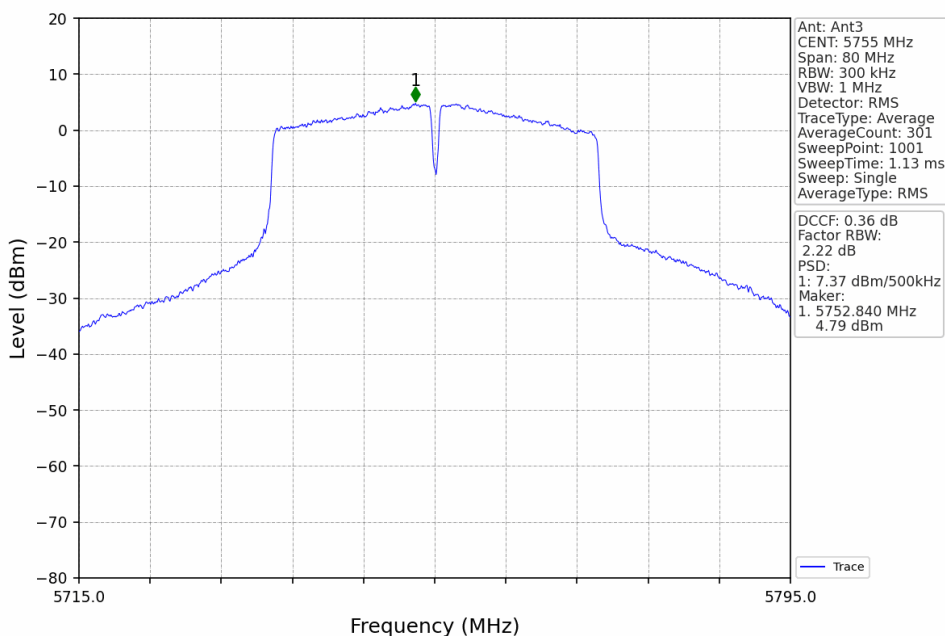
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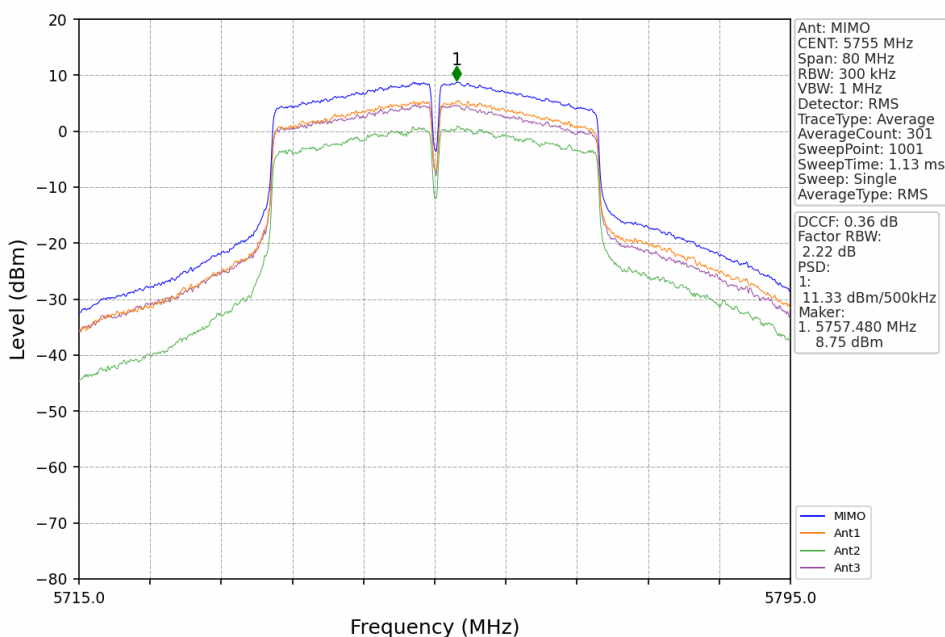
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802.11ac(VHT40)\_LCH\_5755MHz\_Ant3\_NTNV



802.11ac(VHT40)\_LCH\_5755MHz\_MIMO\_NTNV



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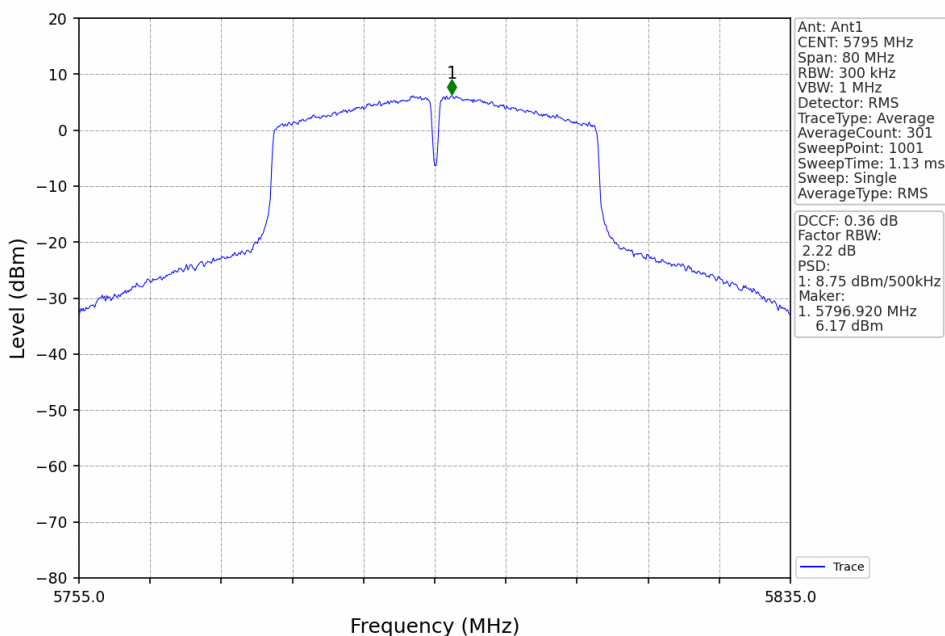
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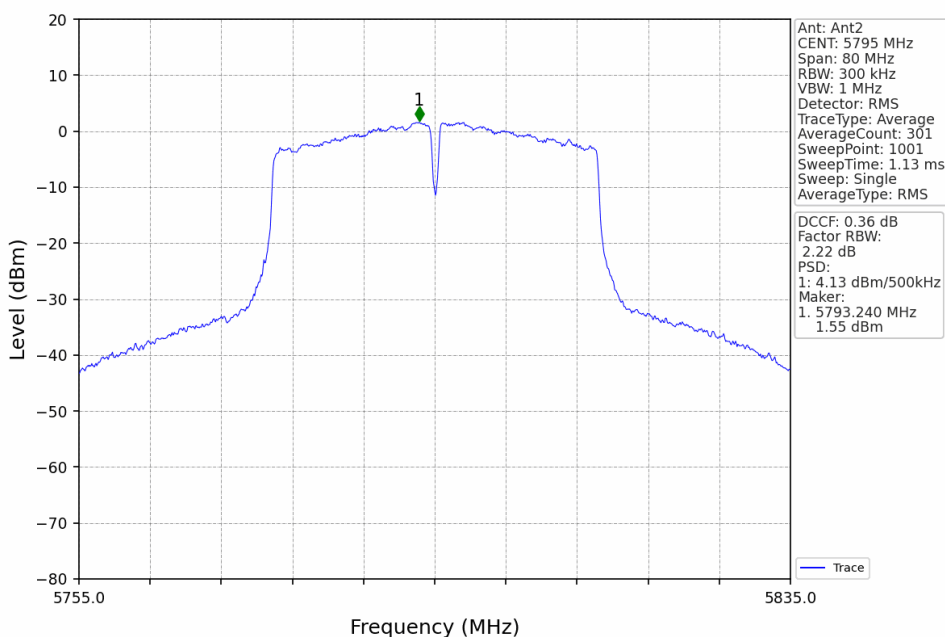
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802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5795MHz\_Ant2\_NTNV



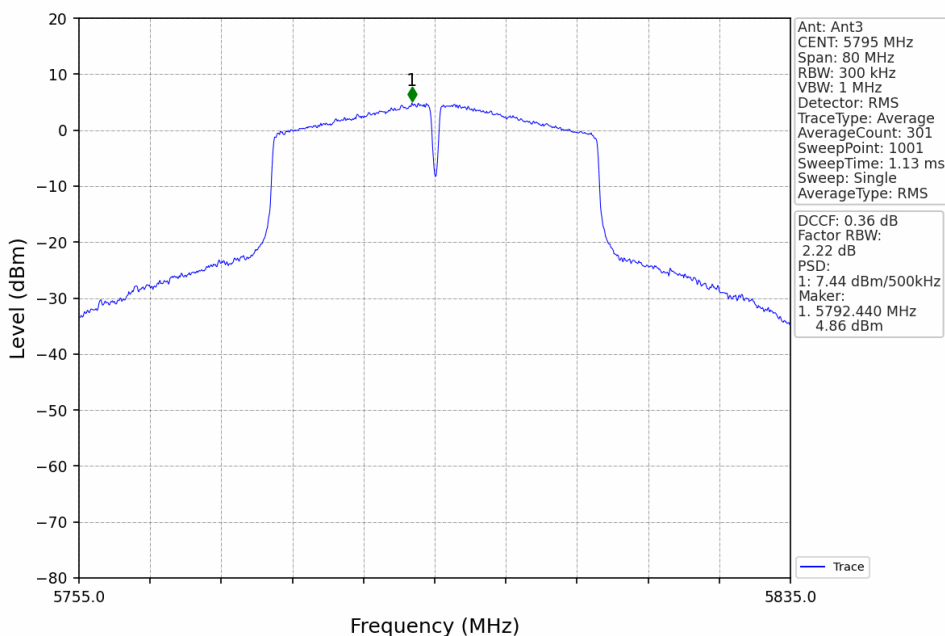
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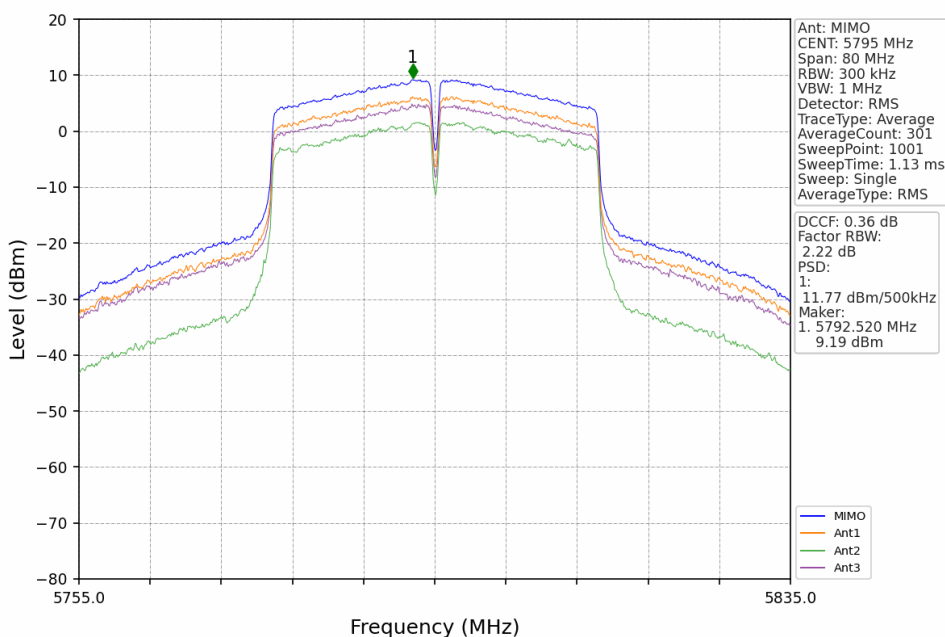
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802.11ac(VHT40)\_HCH\_5795MHz\_Ant3\_NTNV



802.11ac(VHT40)\_HCH\_5795MHz\_MIMO\_NTNV



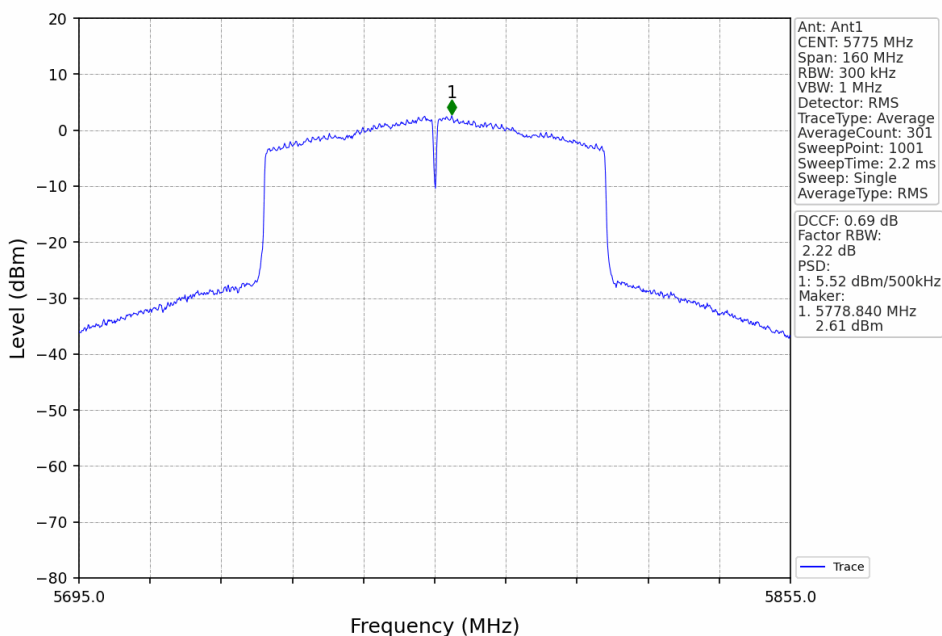
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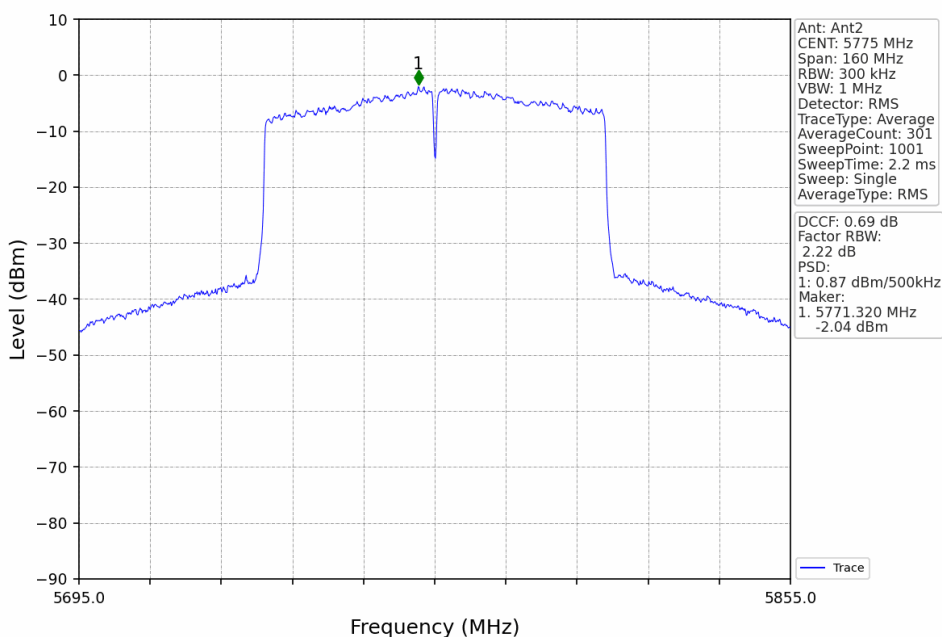
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802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant2\_NTNV



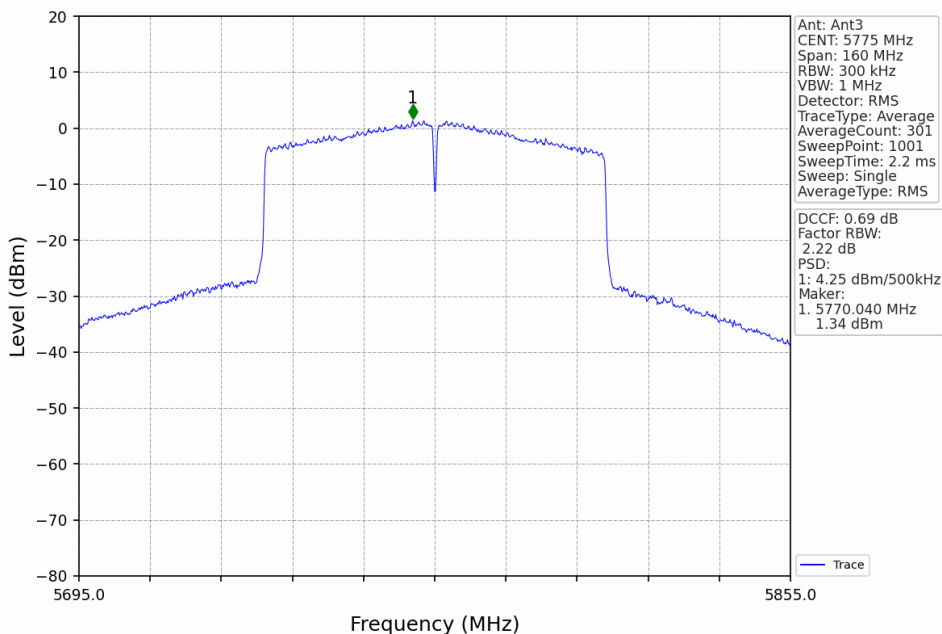
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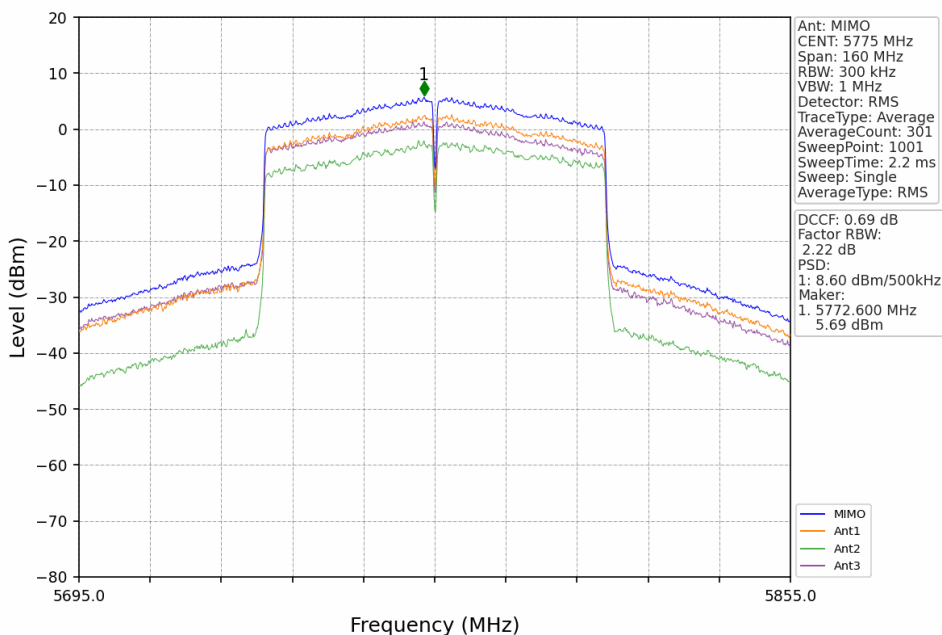
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802.11ac(VHT80)\_MCH\_5775MHz\_Ant3\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_MIMO\_NTNV



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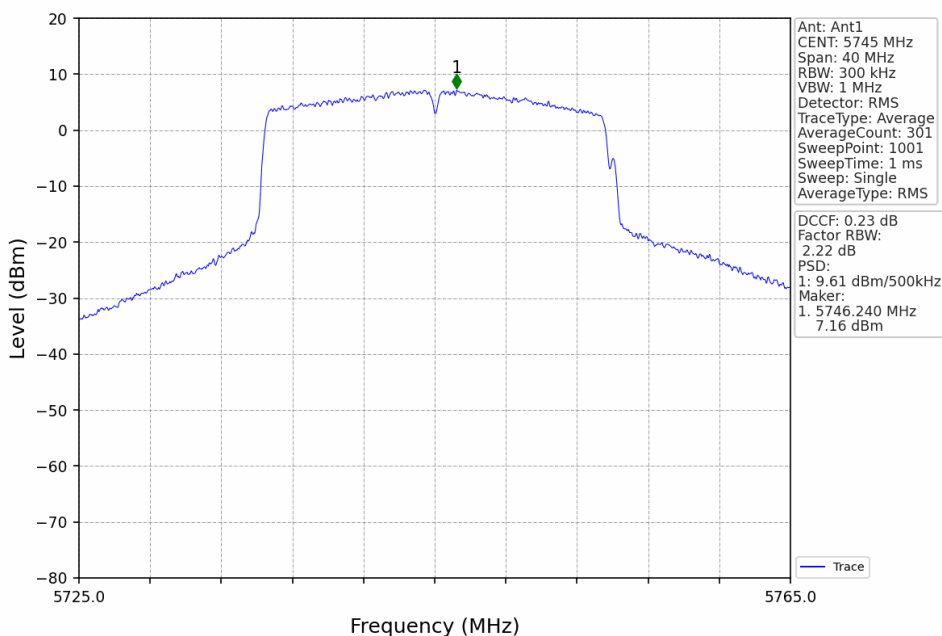
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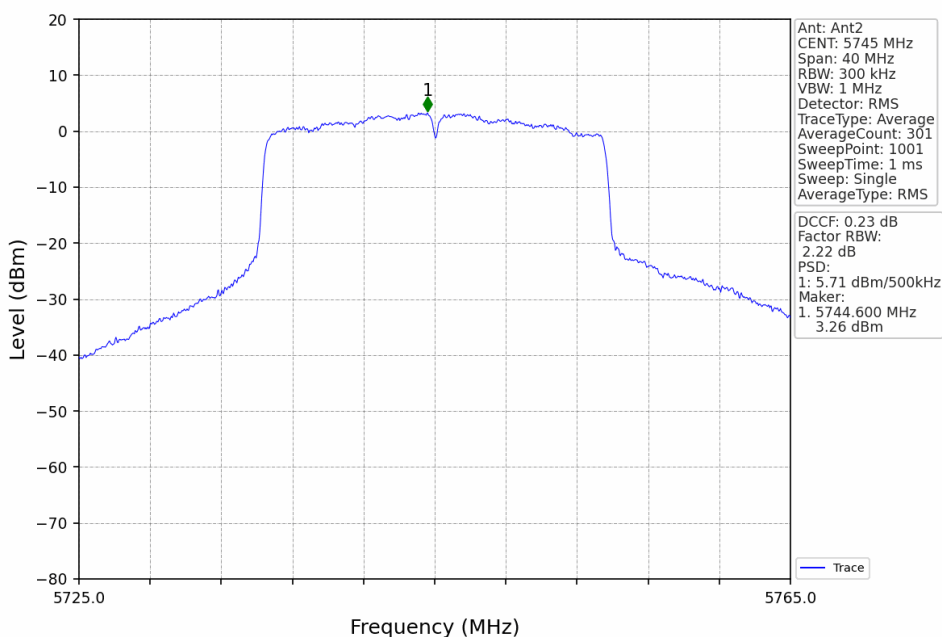
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802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant2\_NTNV



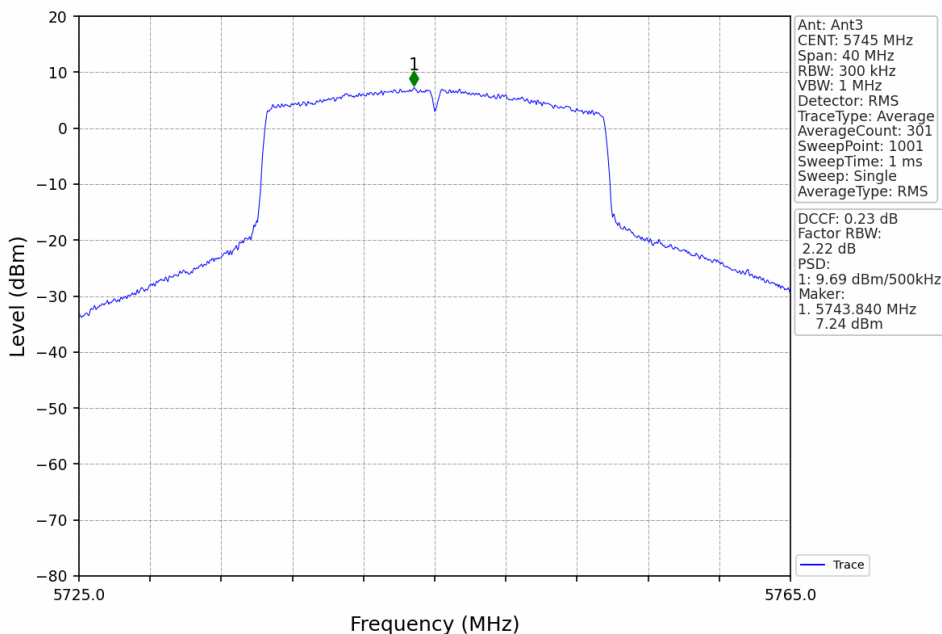
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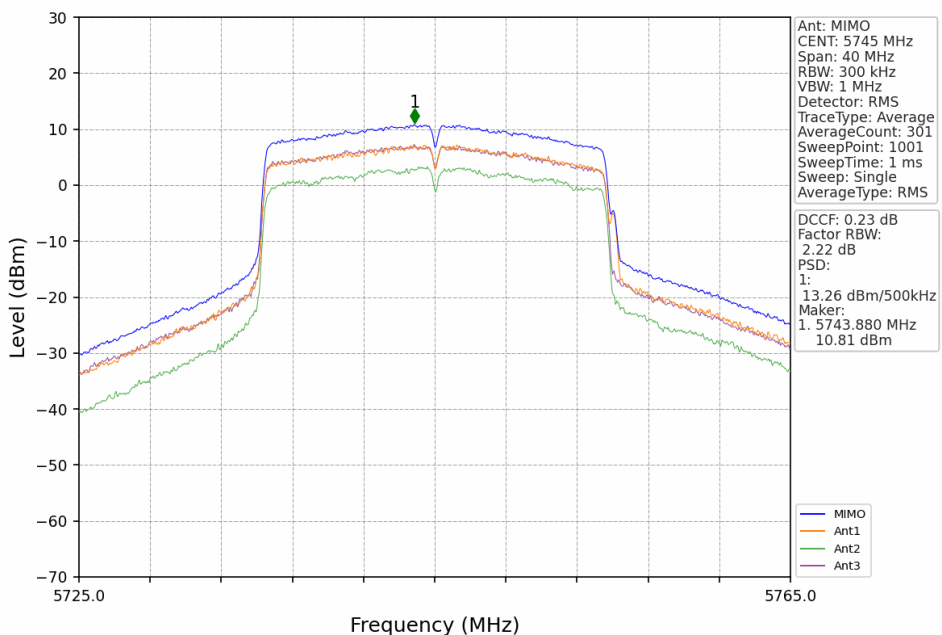
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802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_MIMO\_NTNV



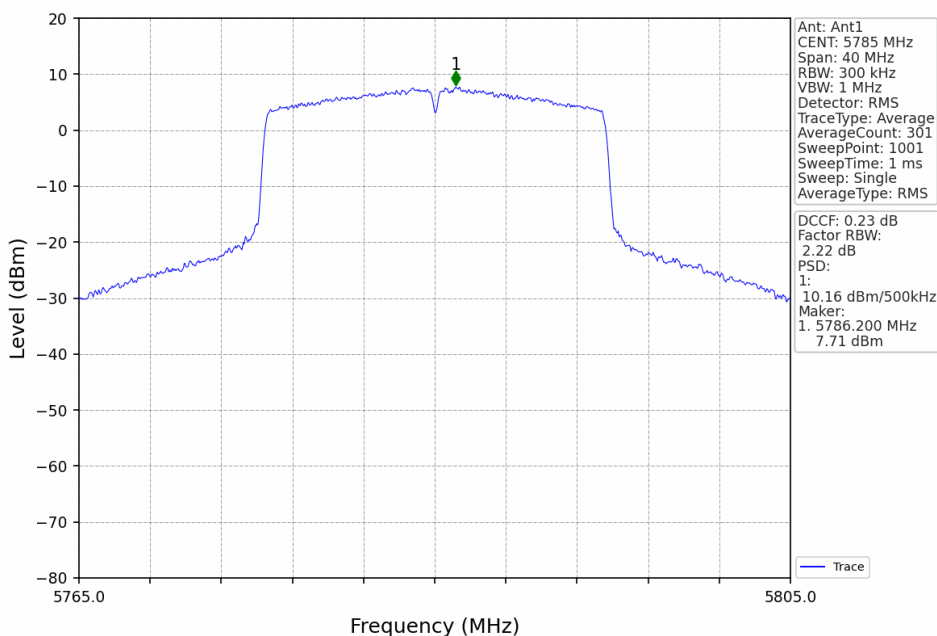
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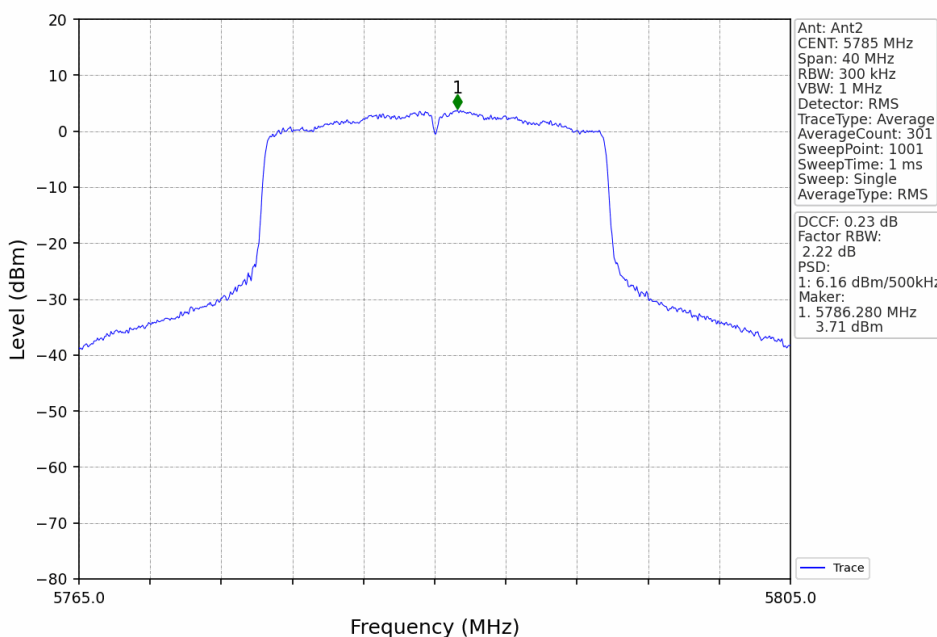
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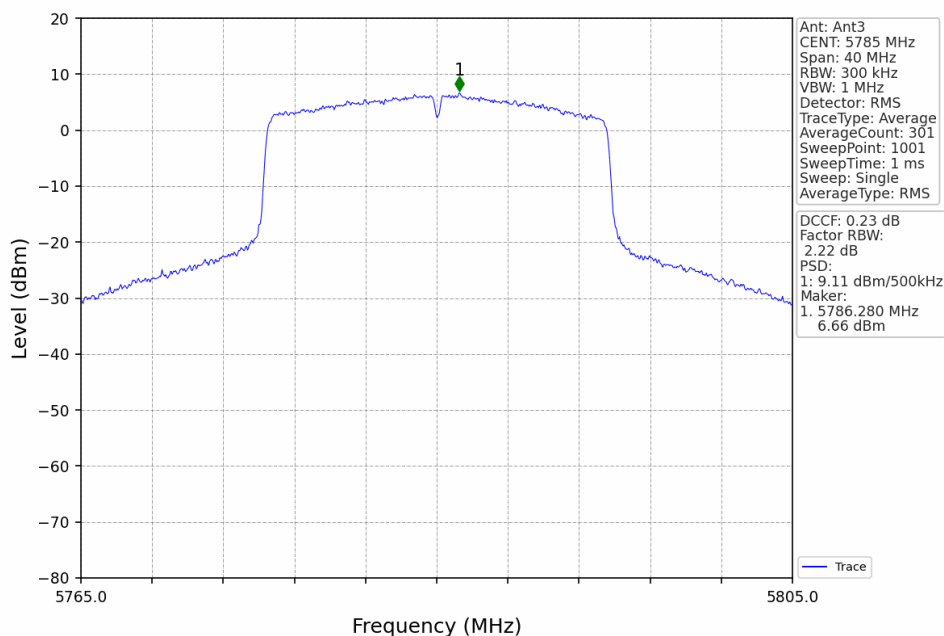
802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant2\_NTNV



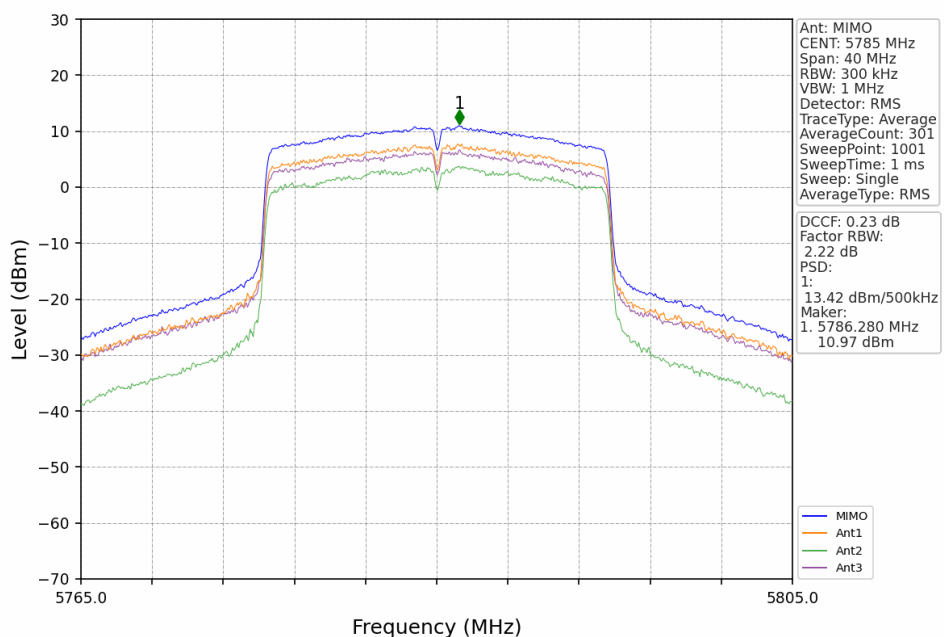
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802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant3\_NTNV

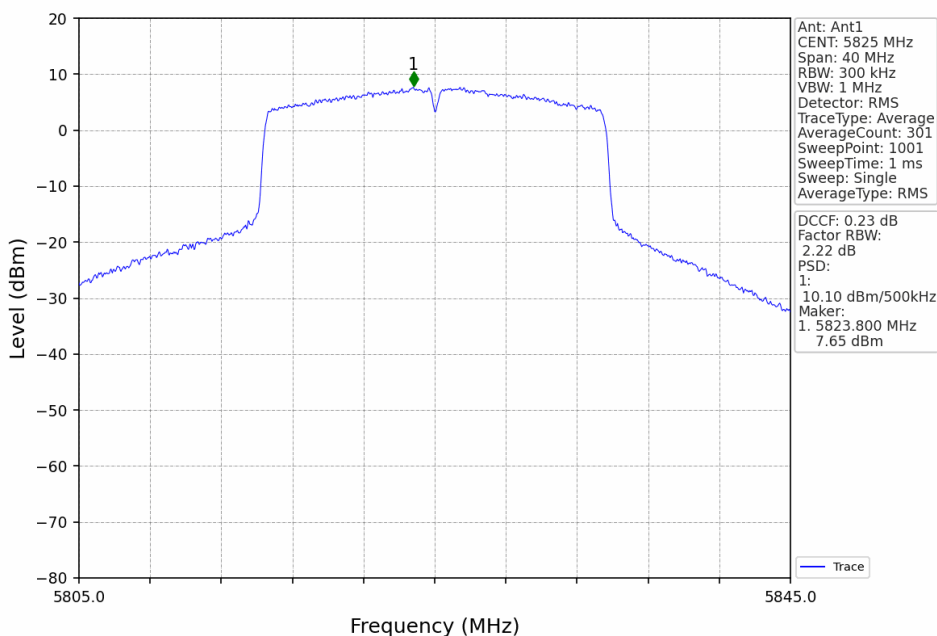


802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_MIMO\_NTNV

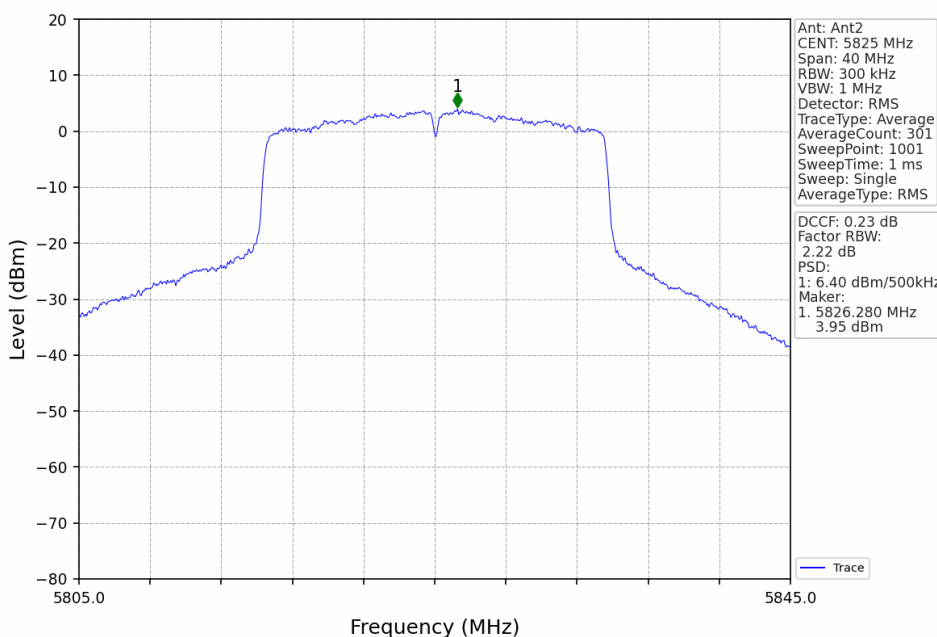




### 802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV



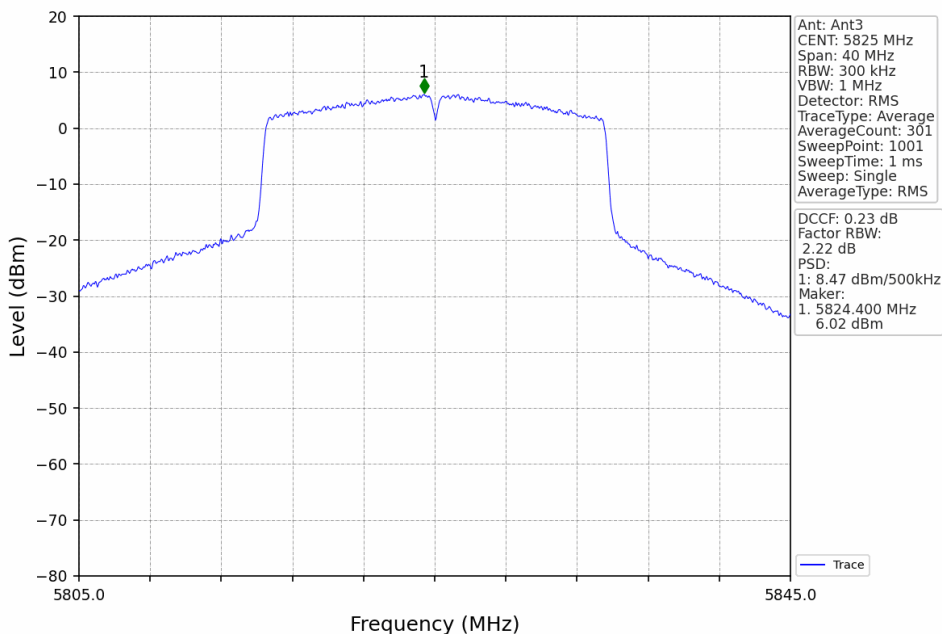
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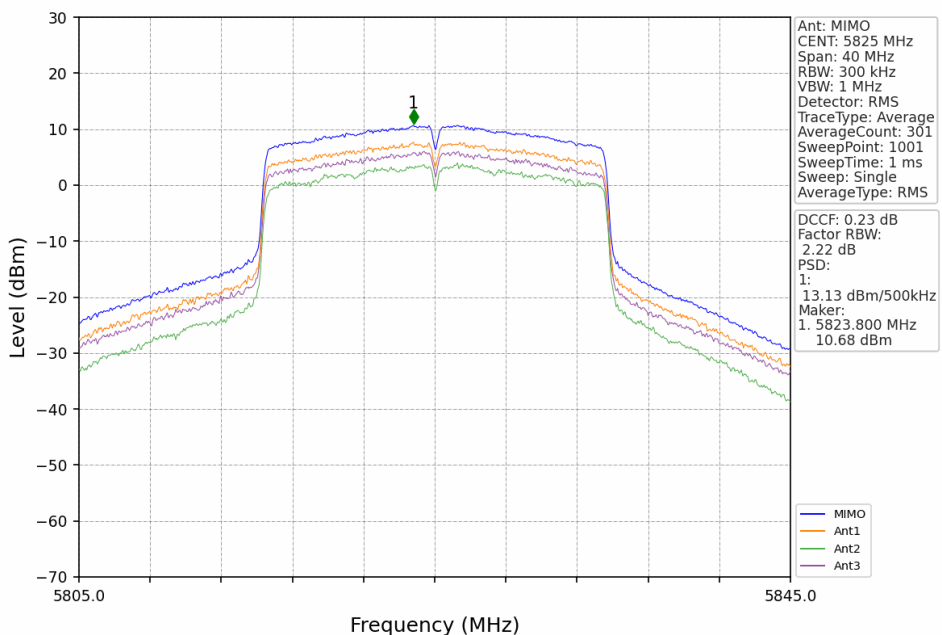
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802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant3\_NTNV



802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_MIMO\_NTNV



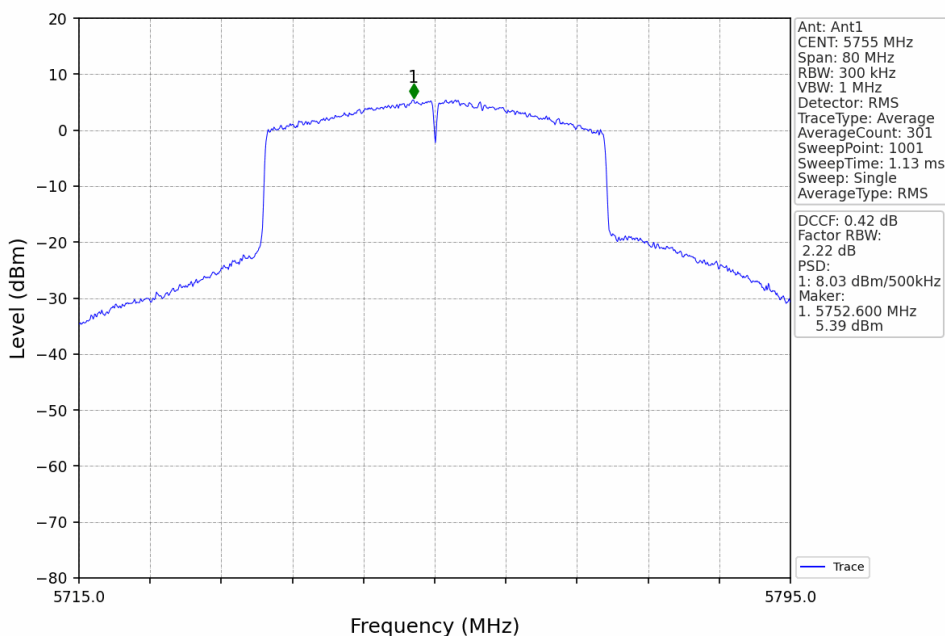
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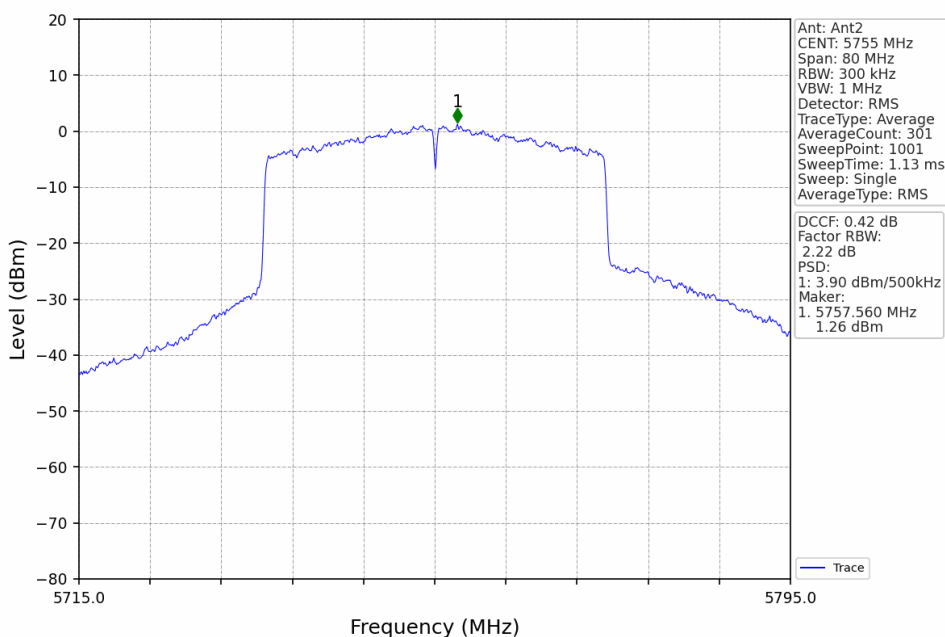
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802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV



802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant2\_NTNV



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