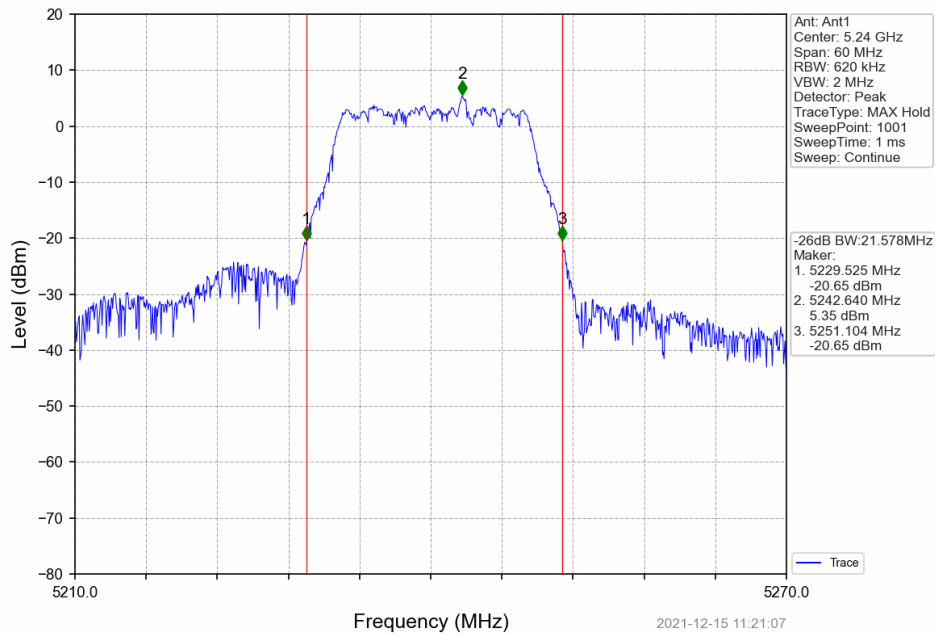
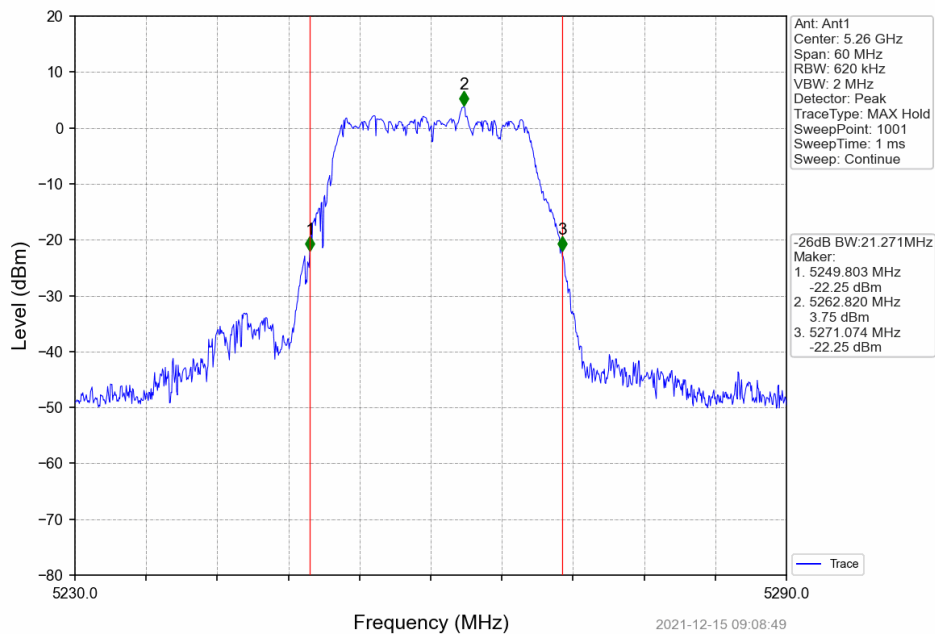


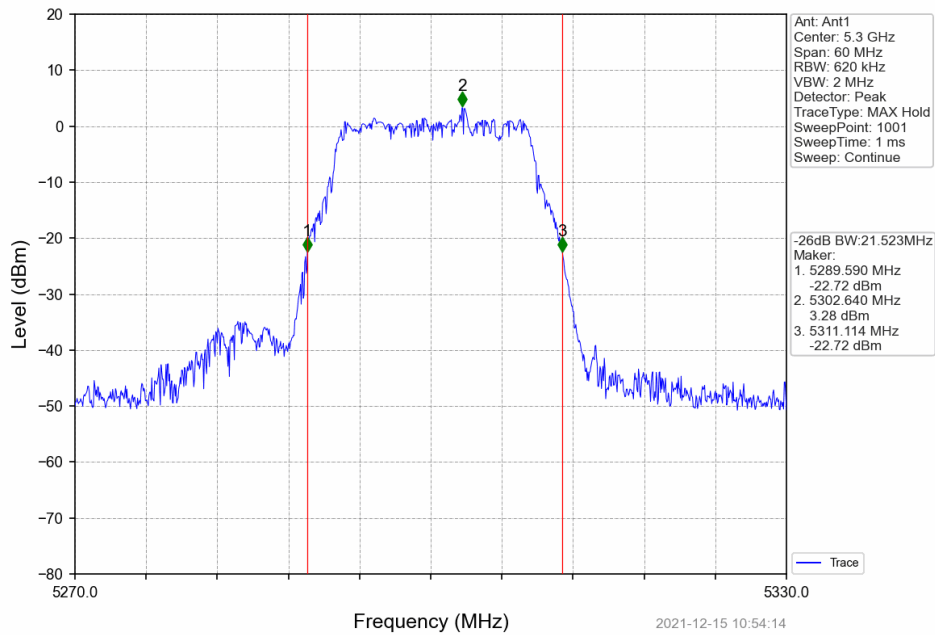
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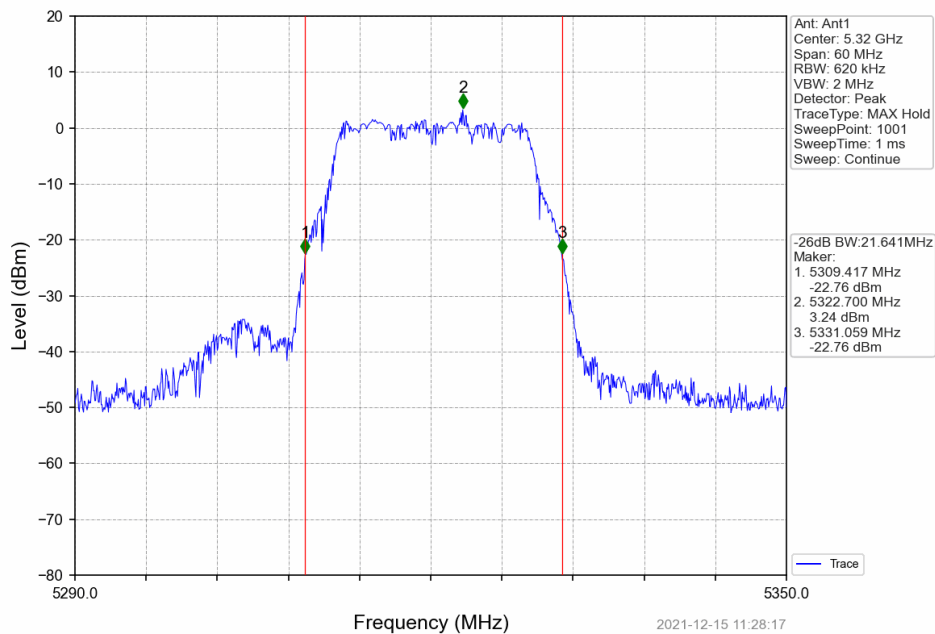
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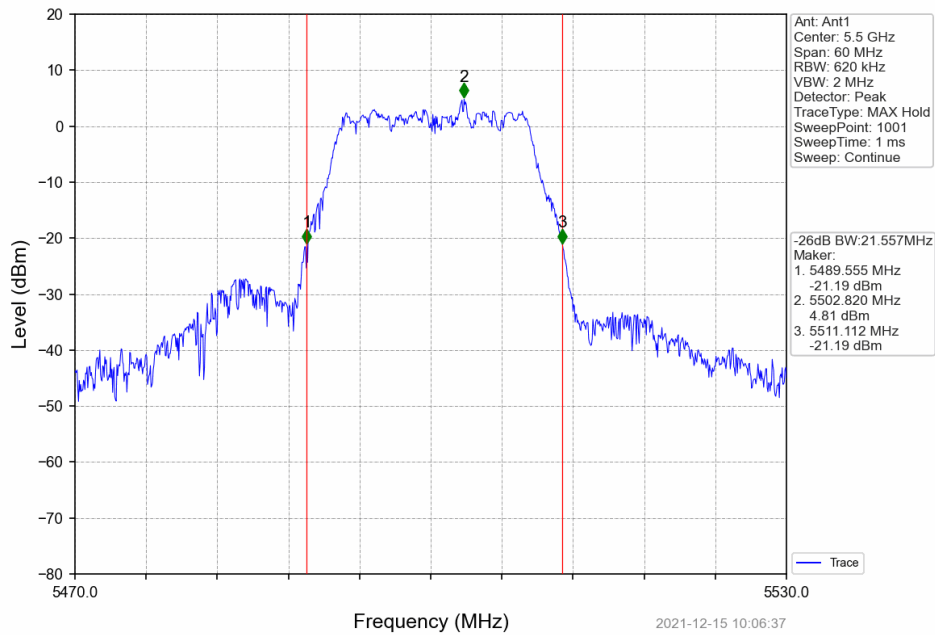
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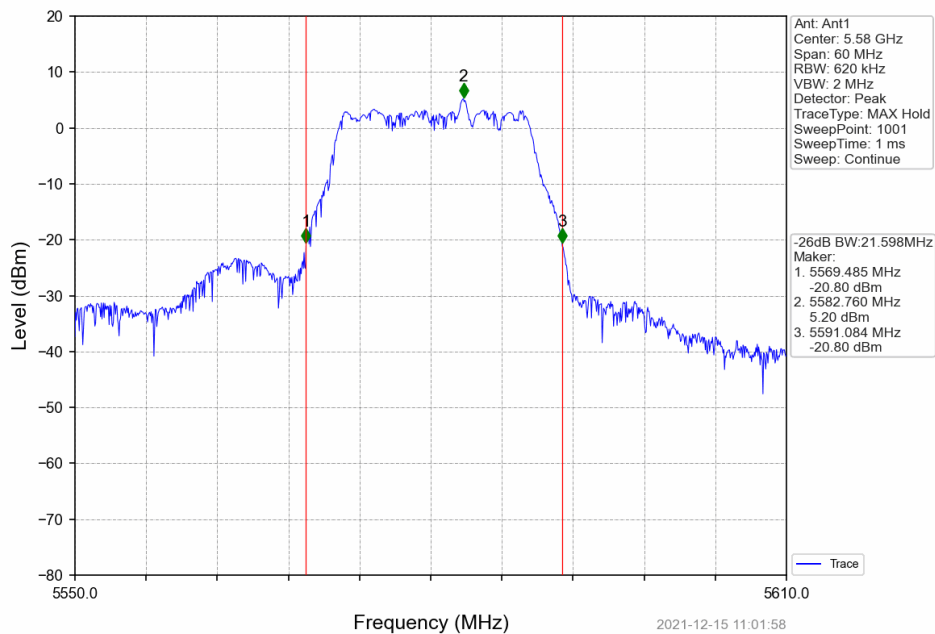
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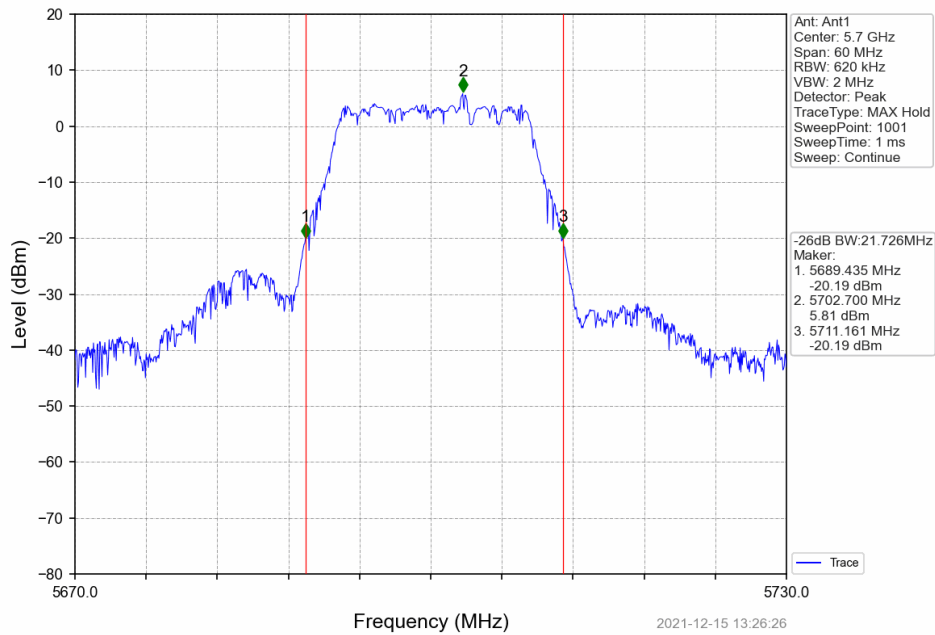
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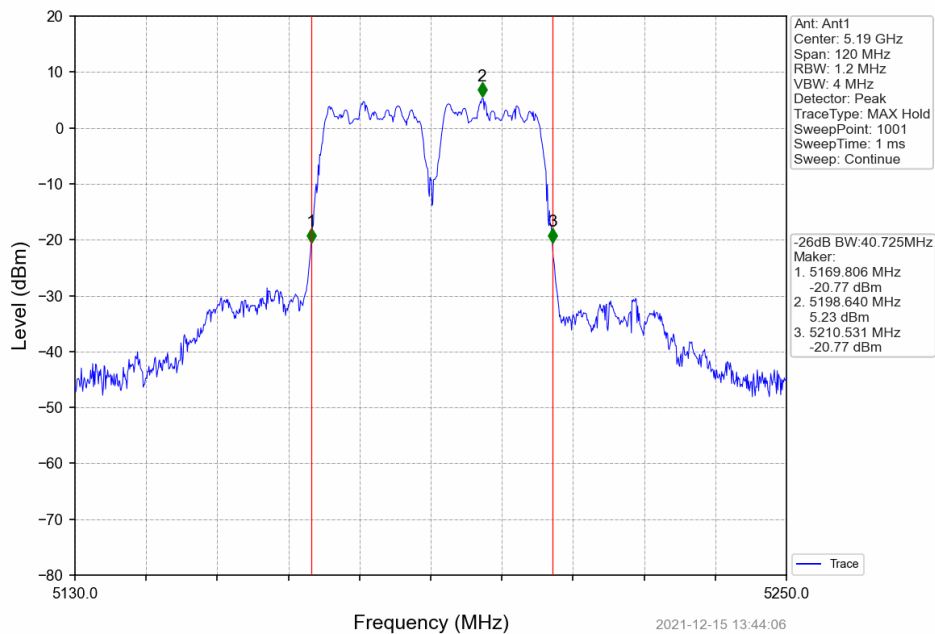
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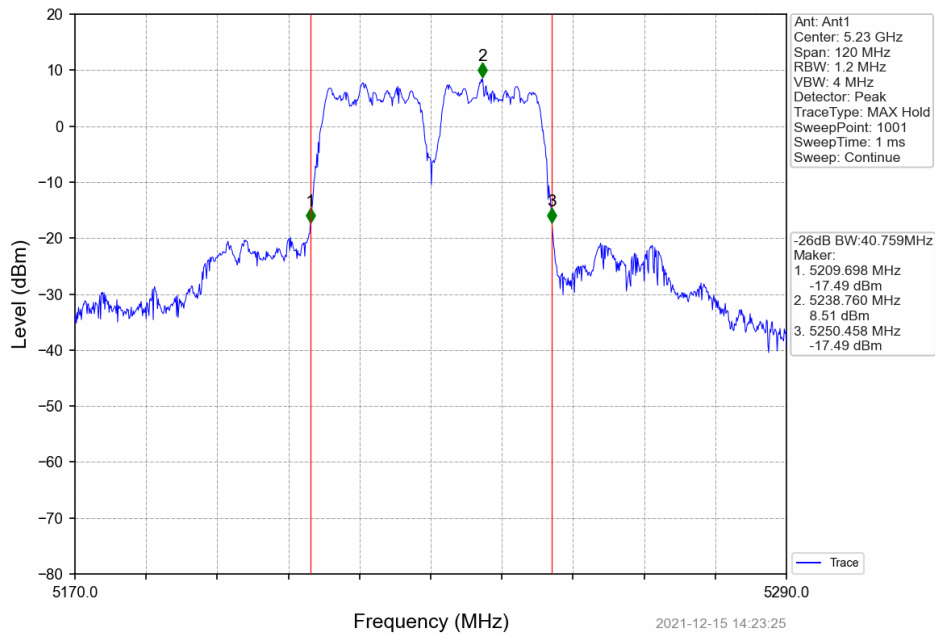
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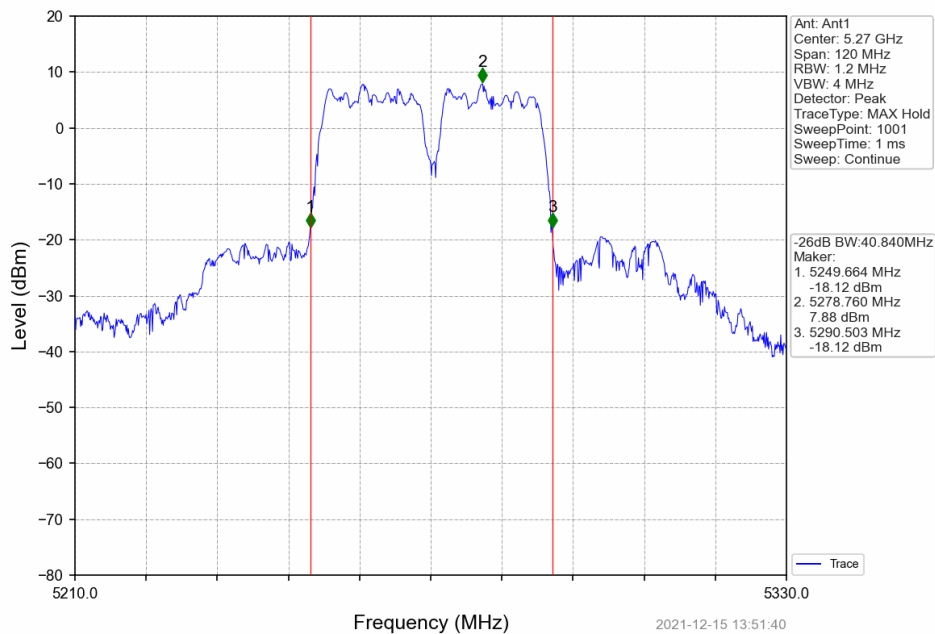
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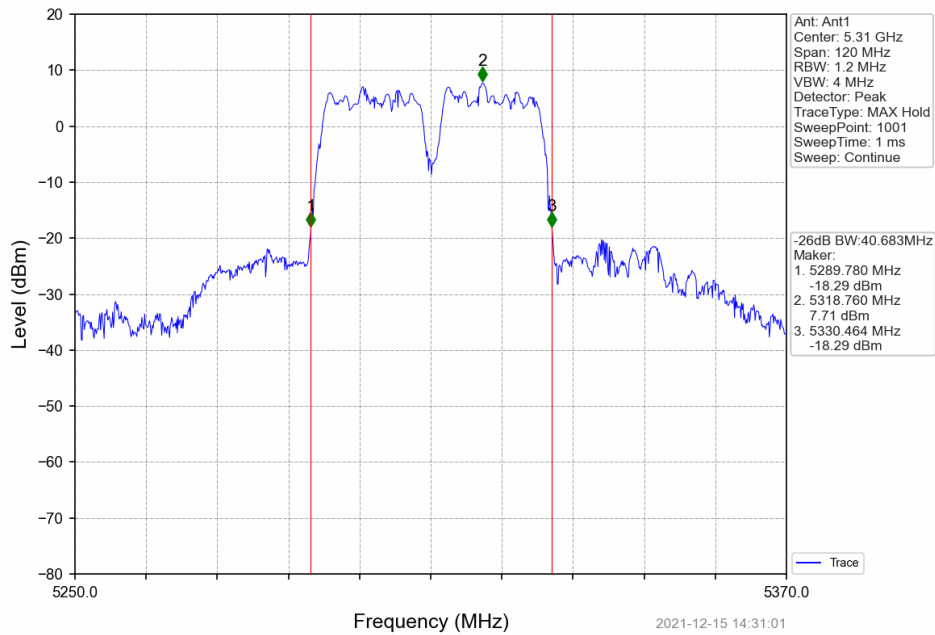
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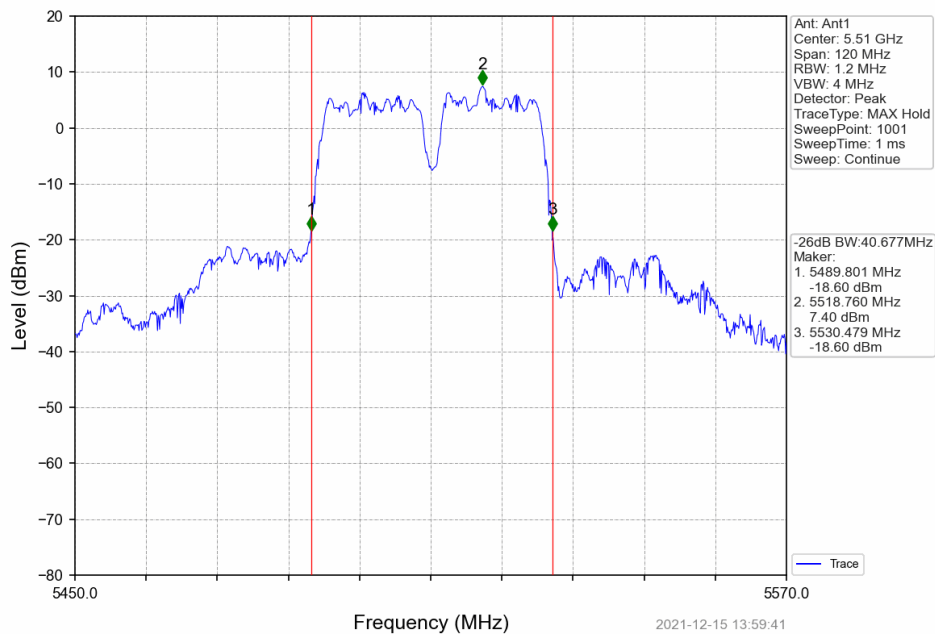
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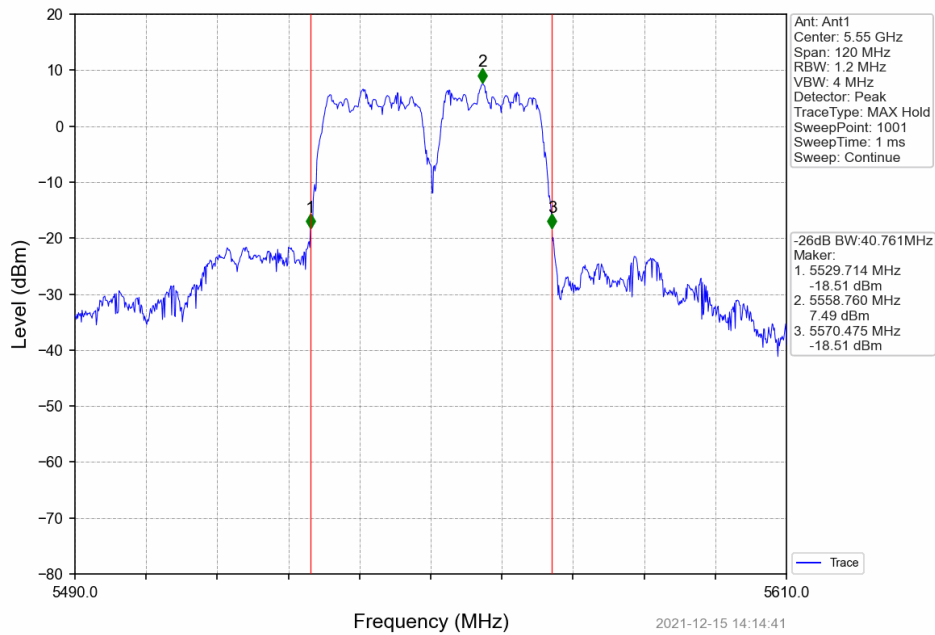
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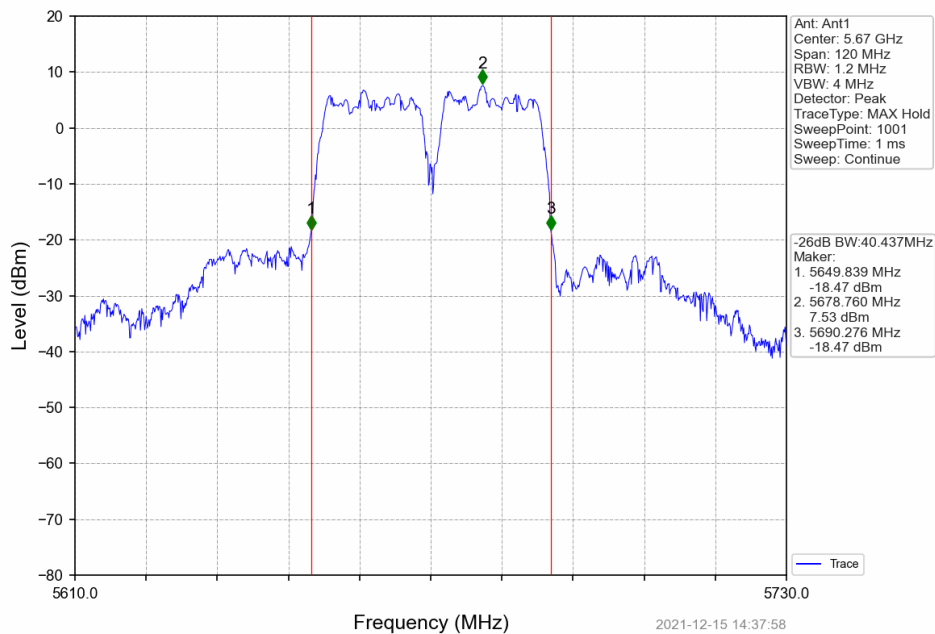
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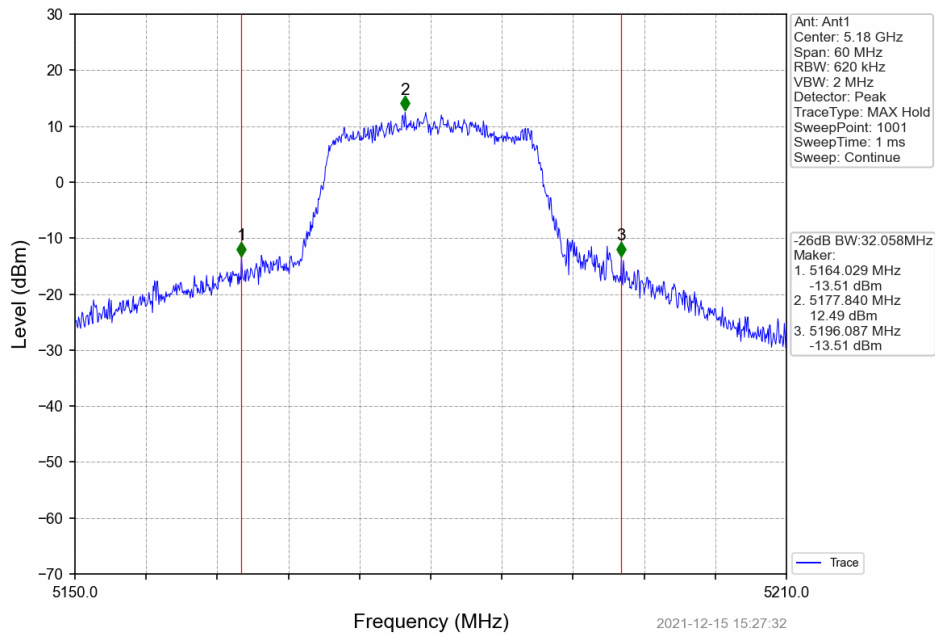
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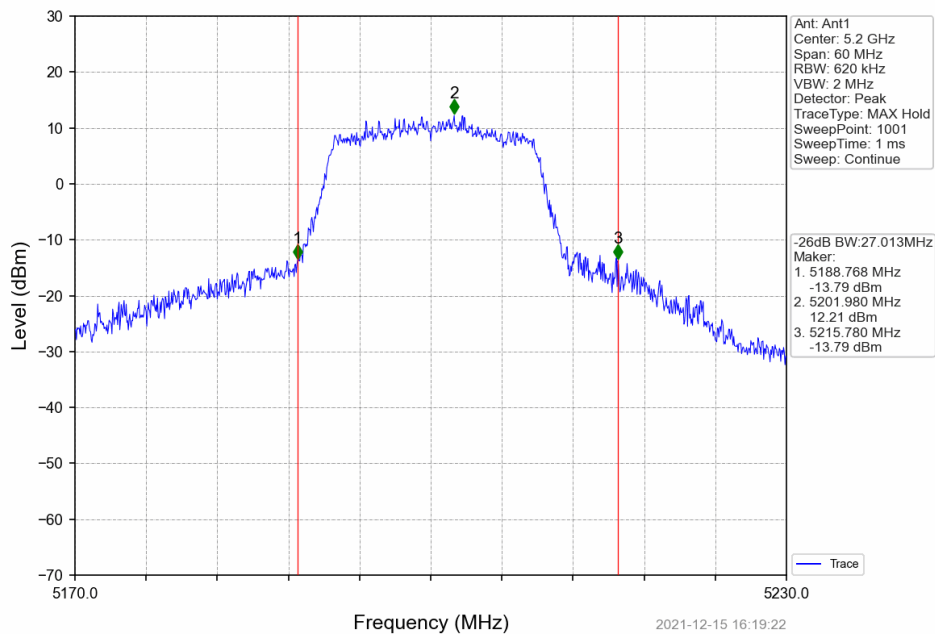
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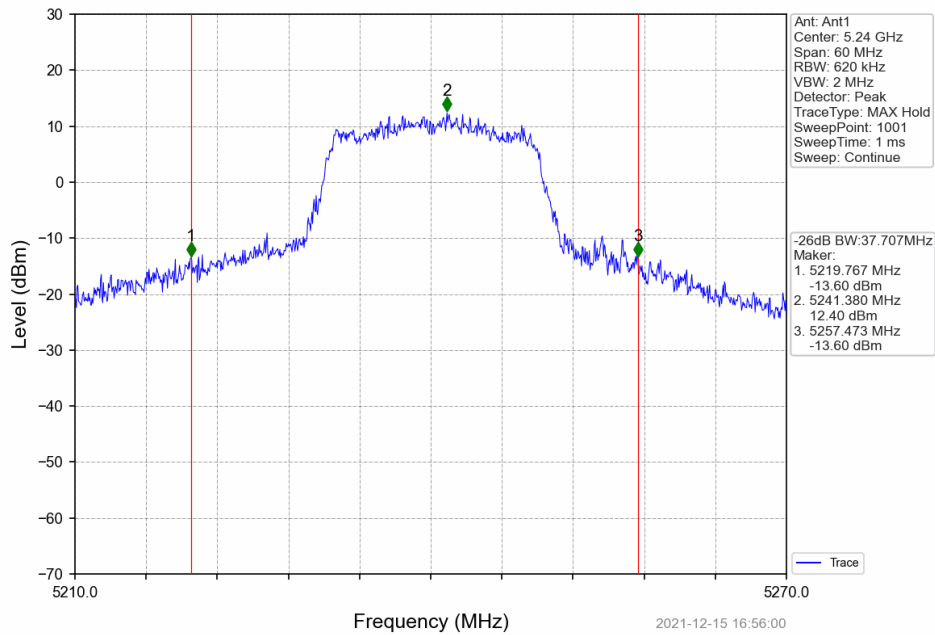
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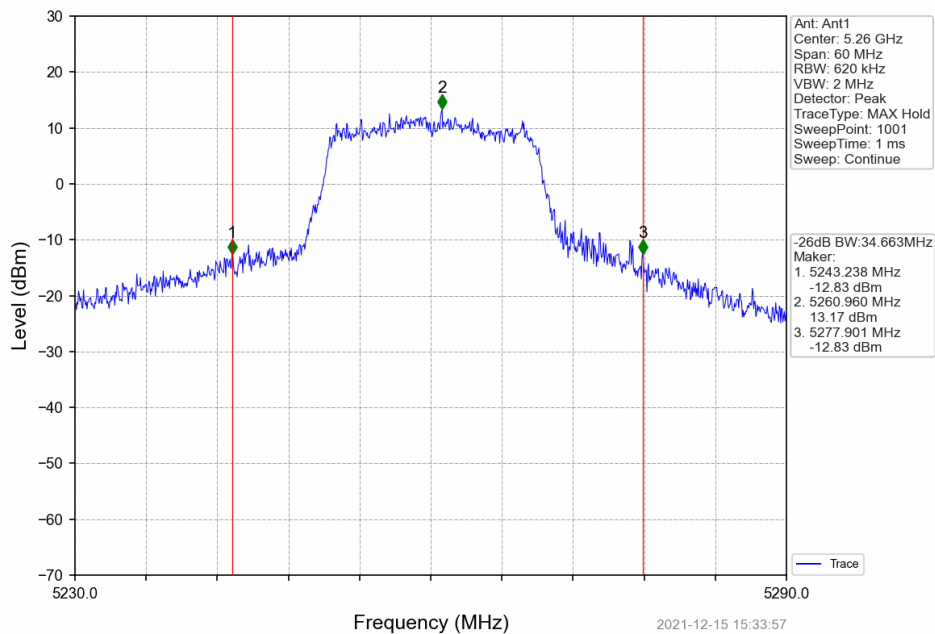
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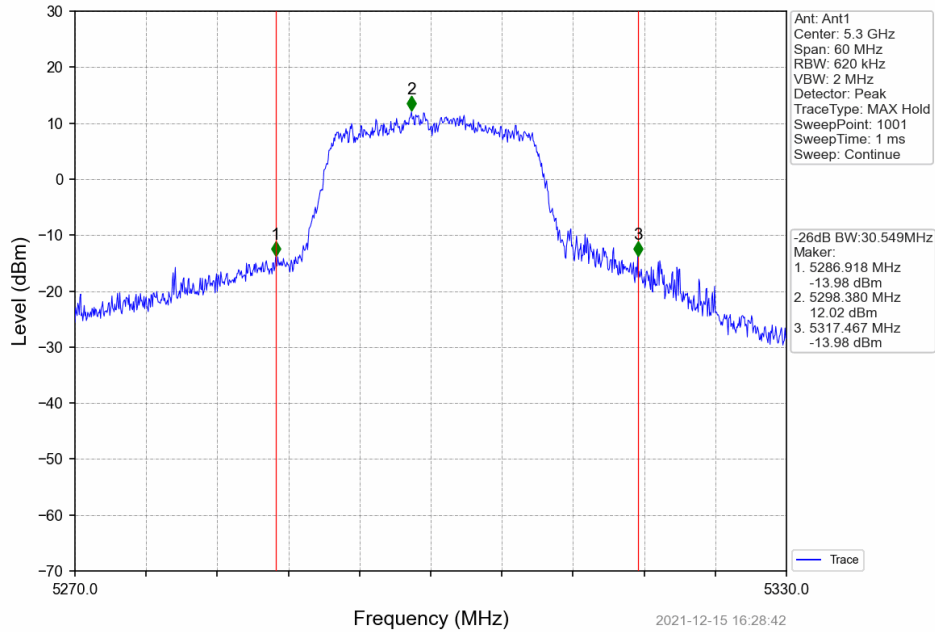
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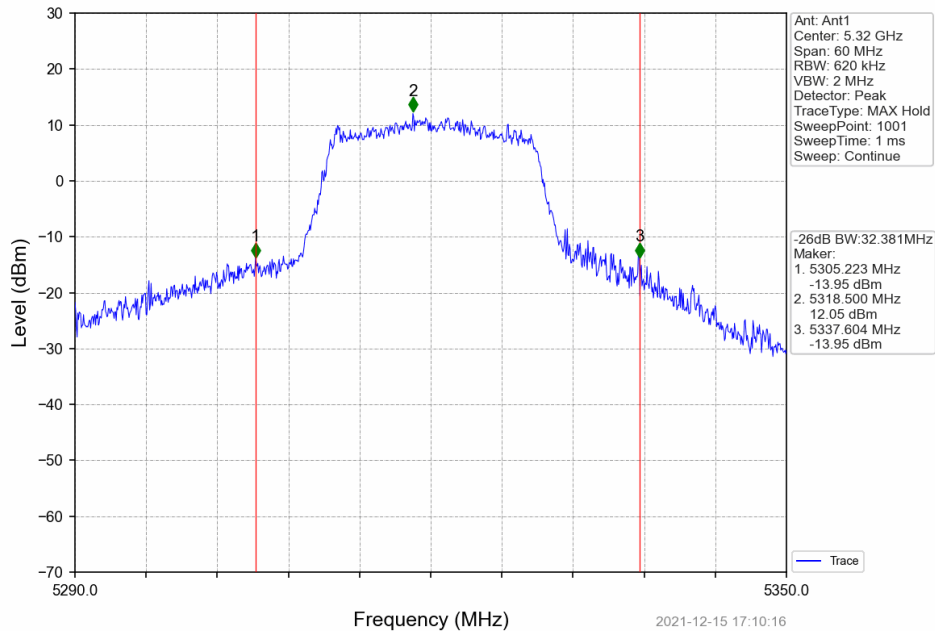
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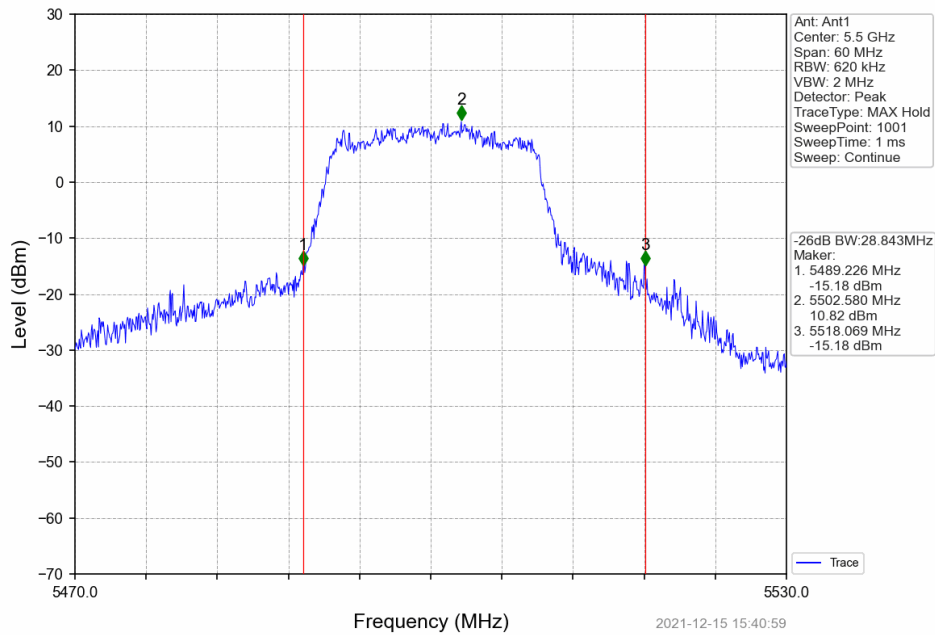
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



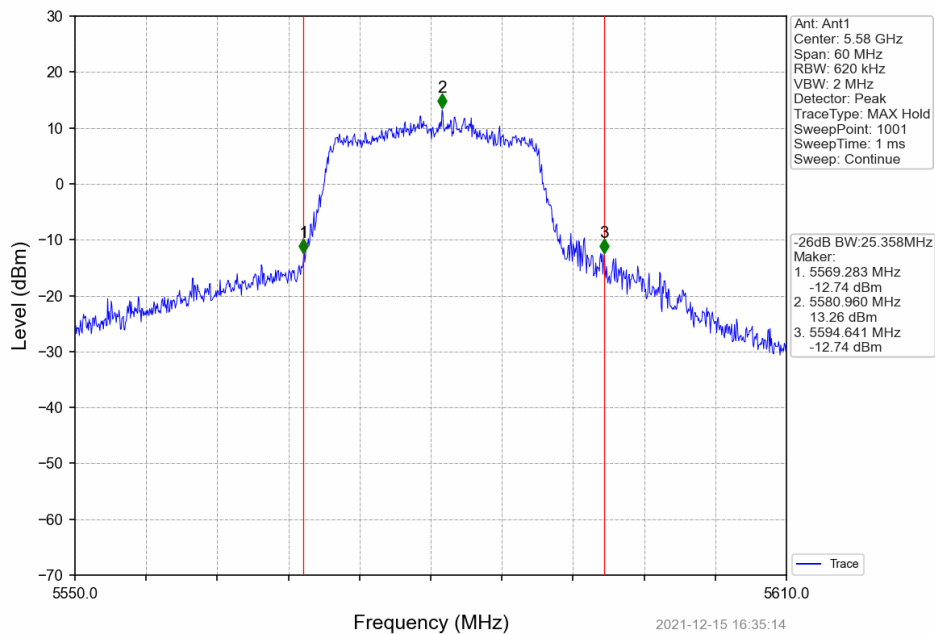
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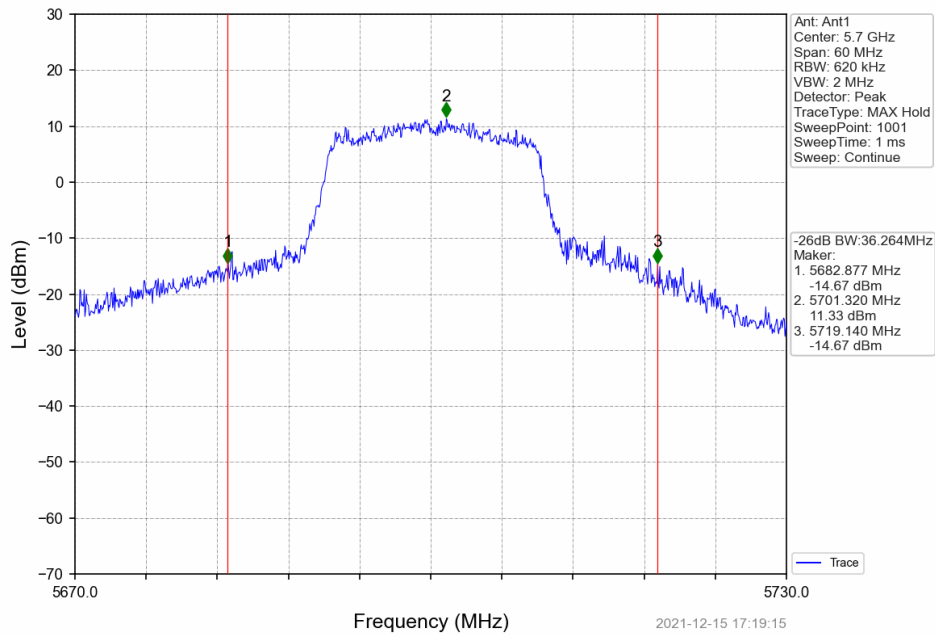
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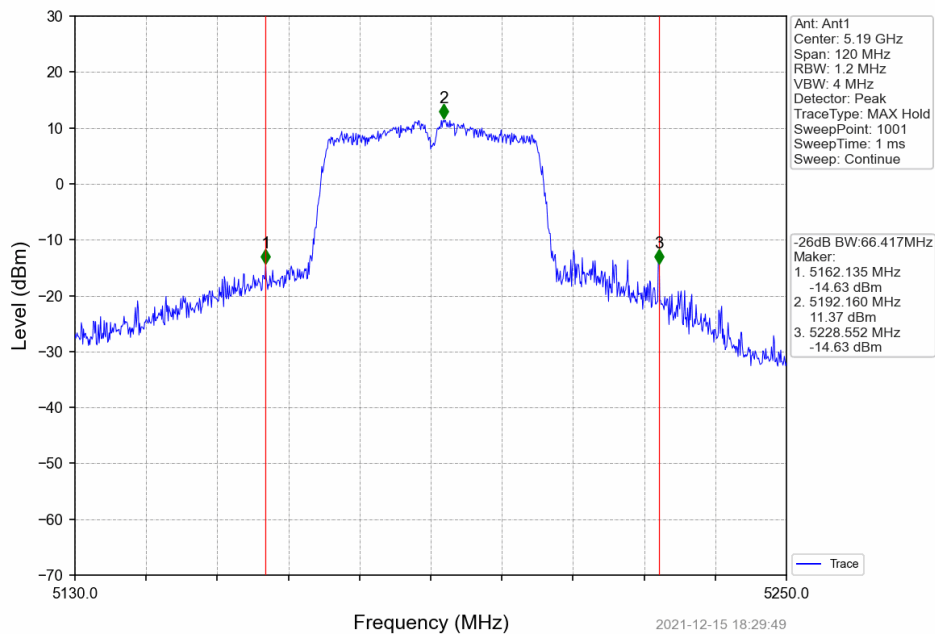
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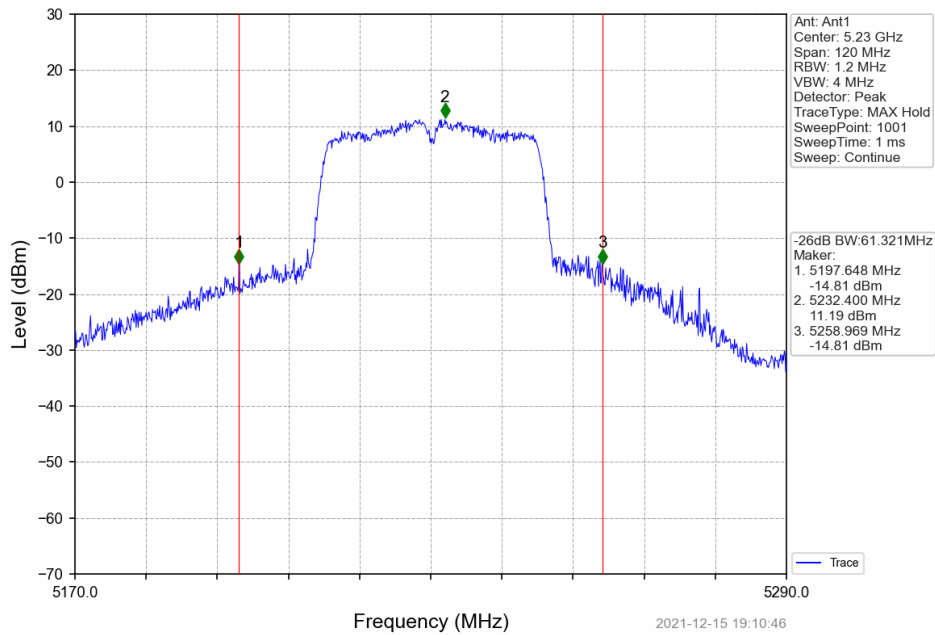
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



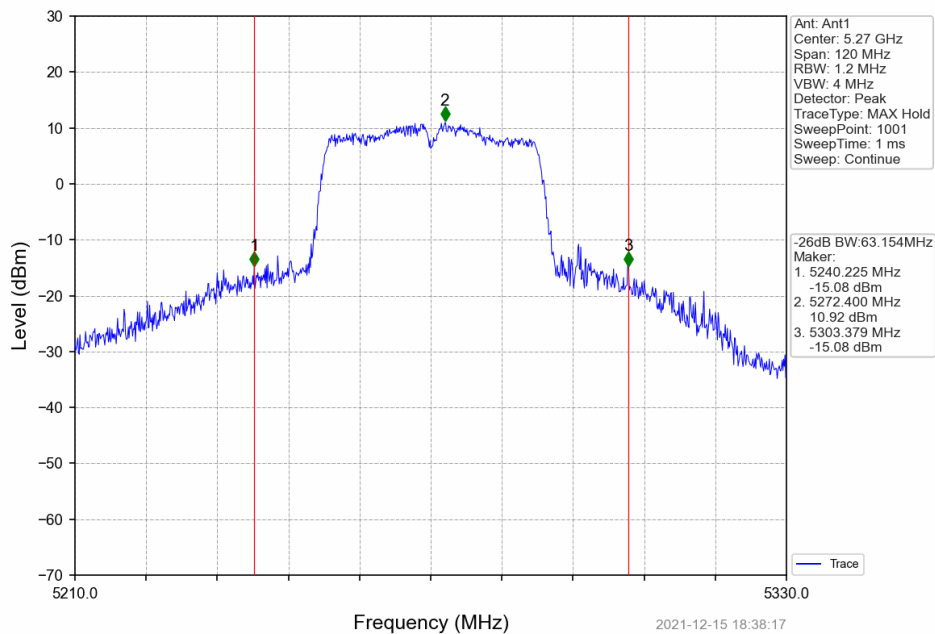
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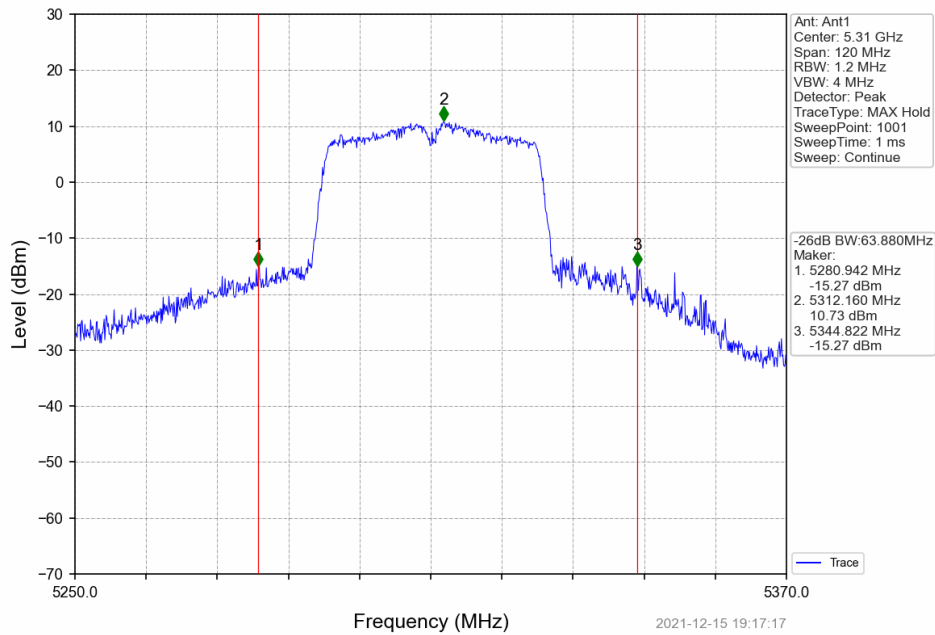
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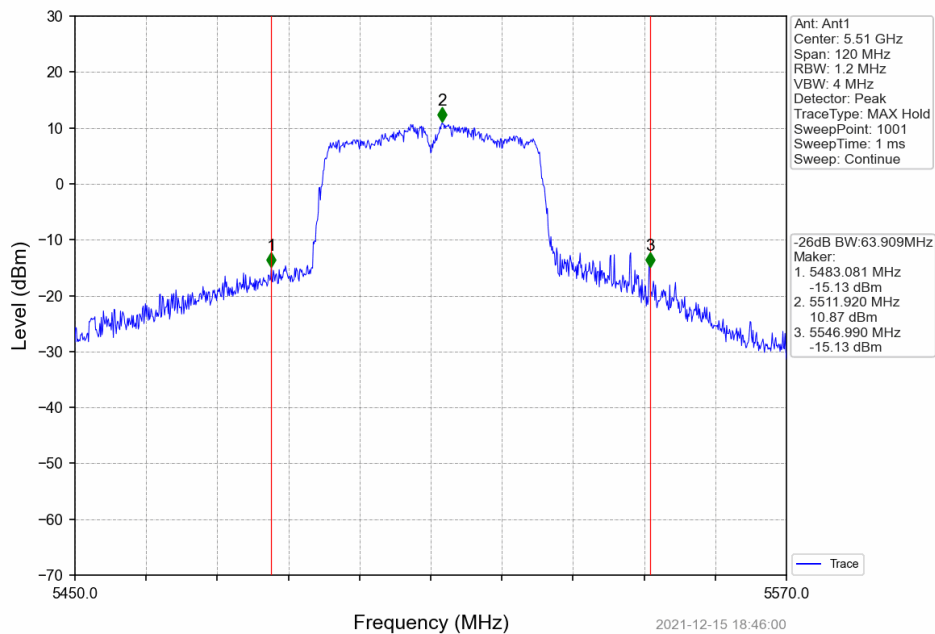
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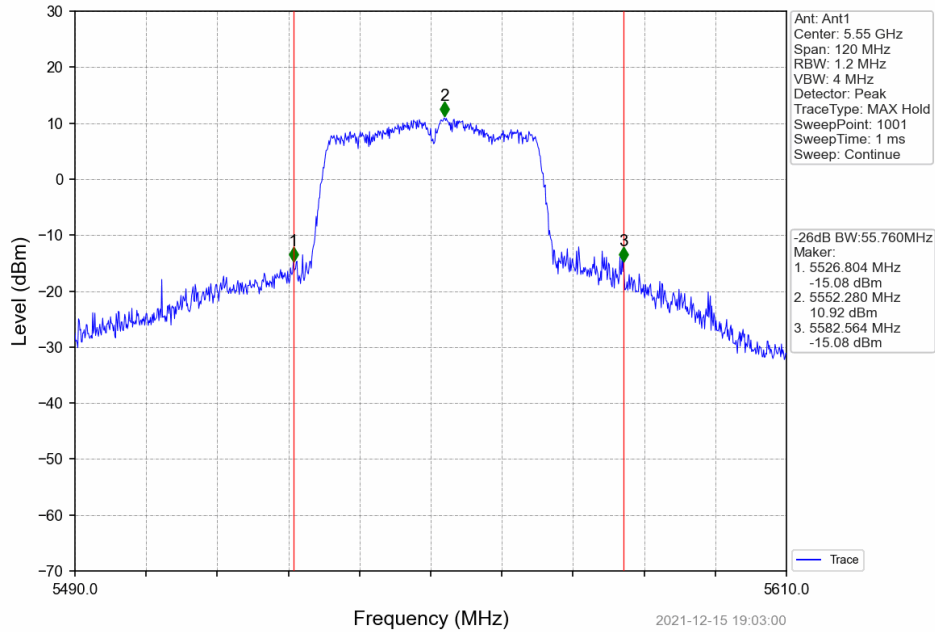
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



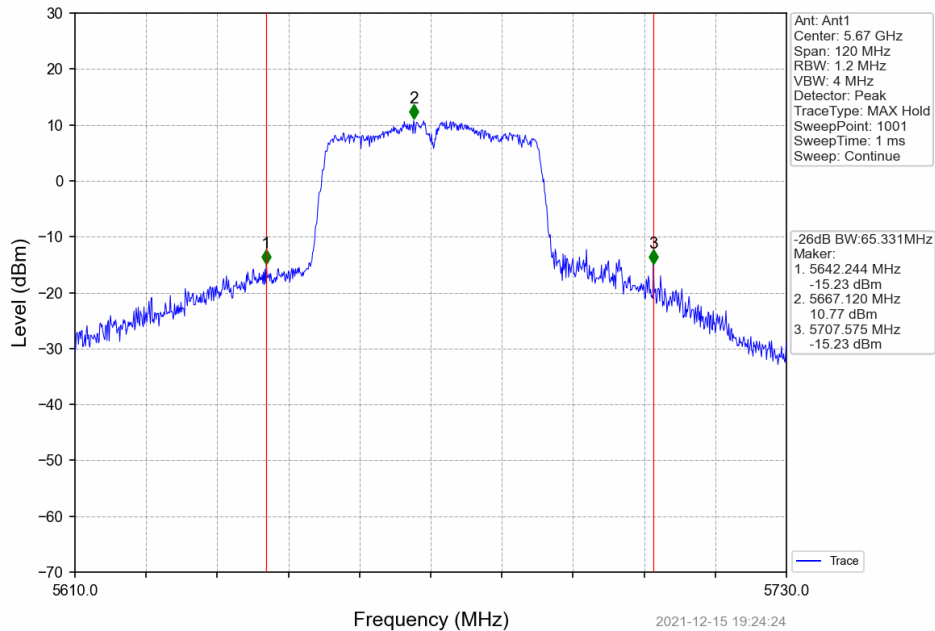
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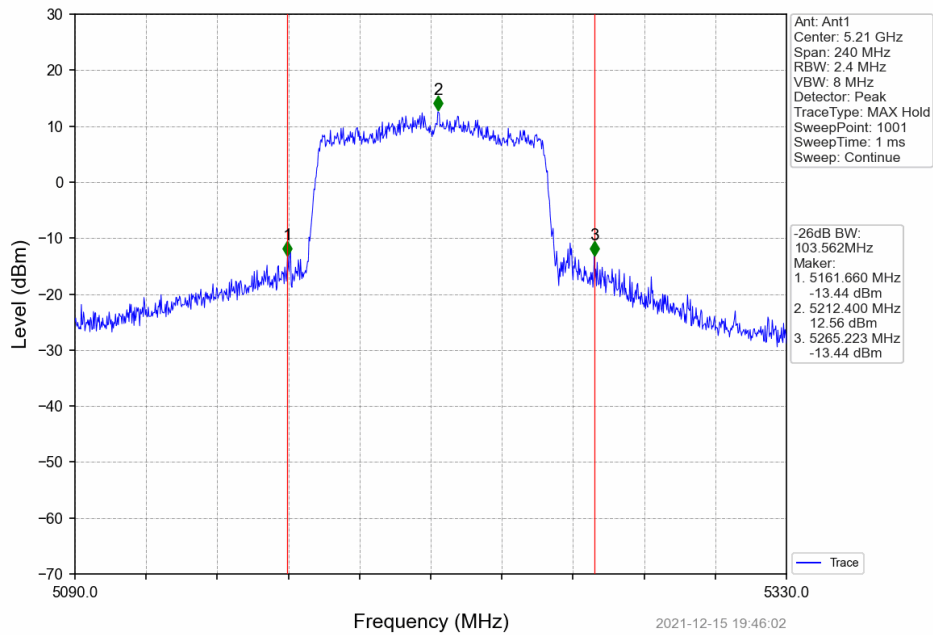
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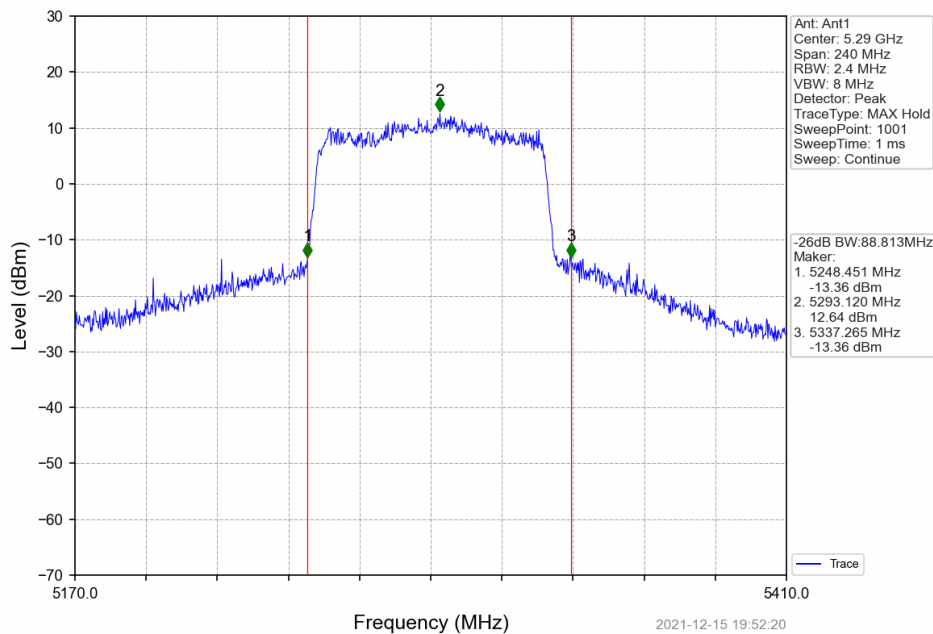
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

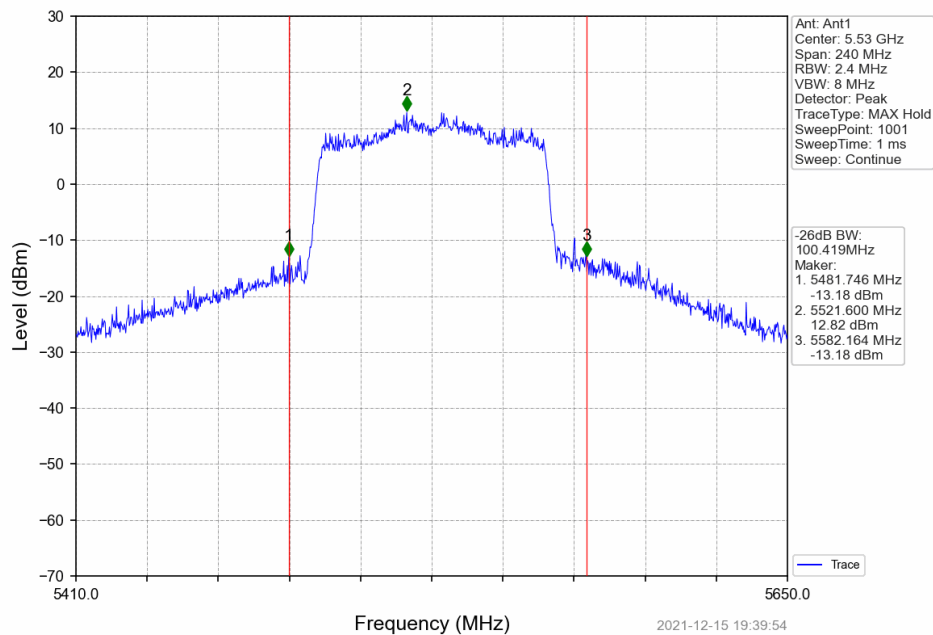


802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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10.3 Maximum Conducted Output Power**3.1 Power****3.1.1 Test Result**

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	12.53	10.80	/	<=23.98	Pass
		5200	15.59	11.29	/	<=23.98	Pass
		5240	15.49	10.87	/	<=23.98	Pass
		5260	14.86	9.66	/	<=23.62	Pass
		5300	14.70	9.97	/	<=23.64	Pass
		5320	14.51	10.70	/	<=23.66	Pass
		5500	16.66	12.61	/	<=23.68	Pass
		5580	17.10	11.95	/	<=23.65	Pass
		5700	16.54	11.53	/	<=23.69	Pass
		5745	16.54	12.31	/	<=30	Pass
		5785	16.03	12.34	/	<=30	Pass
		5825	16.45	12.66	/	<=30	Pass
802.11n (HT20)	MIMO	5180	16.08	14.44	18.35	<=23.98	Pass
		5200	16.19	14.58	18.47	<=23.98	Pass
		5240	15.30	13.18	17.38	<=23.98	Pass
		5260	10.02	17.60	18.30	<=23.38	Pass
		5300	8.89	17.06	17.68	<=23.41	Pass
		5320	9.72	18.01	18.61	<=23.41	Pass
		5500	10.15	20.24	20.65	<=23.42	Pass
		5580	11.00	19.36	19.95	<=23.43	Pass
		5700	12.09	20.32	20.93	<=23.43	Pass
		5745	9.34	20.33	20.66	<=30	Pass
		5785	9.02	20.73	21.01	<=30	Pass
		5825	8.52	19.98	20.28	<=30	Pass
802.11n (HT40)	MIMO	5190	11.44	14.85	16.48	<=23.98	Pass
		5230	14.19	18.09	19.57	<=23.98	Pass
		5270	14.44	17.35	19.14	<=23.98	Pass
		5310	7.87	11.02	12.73	<=23.98	Pass
		5510	13.51	16.87	18.52	<=23.98	Pass
		5550	13.49	16.19	18.06	<=23.98	Pass
		5670	13.59	15.68	17.77	<=23.98	Pass
		5755	13.56	16.81	18.49	<=30	Pass
802.11ac (VHT20)	MIMO	5795	7.40	11.23	12.73	<=30	Pass
		5180	15.73	14.89	18.34	<=23.98	Pass
		5200	15.69	14.45	18.12	<=23.98	Pass
		5240	16.03	14.21	18.22	<=23.98	Pass
		5260	16.51	13.57	18.29	<=23.78	Pass



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		5300	15.52	13.27	17.55	<=23.71	Pass
		5320	15.43	13.82	17.71	<=23.7	Pass
		5500	14.72	14.04	17.40	<=23.69	Pass
		5580	15.48	12.87	17.38	<=23.7	Pass
		5700	15.56	12.64	17.35	<=23.76	Pass
		5745	15.15	13.30	17.33	<=30	Pass
		5785	14.69	13.99	17.36	<=30	Pass
		5825	15.12	14.14	17.67	<=30	Pass
802.11ac (VHT40)	MIMO	5190	15.06	13.77	17.47	<=23.98	Pass
		5230	15.09	13.53	17.39	<=23.98	Pass
		5270	14.82	12.59	16.86	<=23.98	Pass
		5310	14.47	12.24	16.51	<=23.98	Pass
		5510	14.52	12.85	16.78	<=23.98	Pass
		5550	14.72	11.95	16.56	<=23.98	Pass
		5670	14.72	11.50	16.41	<=23.98	Pass
		5755	14.76	12.62	16.83	<=30	Pass
802.11ac (VHT80)	MIMO	5795	14.68	13.06	16.96	<=30	Pass
		5210	15.16	13.74	17.52	<=23.98	Pass
		5290	14.74	12.06	16.61	<=23.98	Pass
		5530	14.89	13.21	17.14	<=23.98	Pass
		5775	15.19	13.25	17.34	<=30	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;

Note2: Directional Gain: 5.01 dBi

Ant1 power: Ant 1 conducted power + duty cycle factor.

Ant2 power: Ant 2 conducted power + duty cycle factor.

MIMO power: Ant 1 conducted power + duty cycle factor + Ant 2 conducted power + duty cycle factor.

The Duty Cycle Factor is compensated in the test result.



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10.4 Maximum Power Spectral Density**4.1 PSD****4.1.1 Test Result**

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	5.90	-0.56	/	<=11	Pass
		5200	4.34	0.01	/	<=11	Pass
		5240	4.07	-0.41	/	<=11	Pass
		5260	3.62	-1.62	/	<=11	Pass
		5300	3.25	-1.07	/	<=11	Pass
		5320	3.32	-0.42	/	<=11	Pass
		5500	5.20	1.50	/	<=11	Pass
		5580	5.69	1.06	/	<=11	Pass
		5700	5.26	0.22	/	<=11	Pass
802.11n (HT20)	MIMO	5180	4.77	3.06	6.88	<=11	Pass
		5200	4.71	3.17	6.84	<=11	Pass
		5240	3.90	1.92	5.95	<=11	Pass
		5260	0.22	6.28	7.08	<=11	Pass
		5300	0.39	5.70	6.43	<=11	Pass
		5320	-0.18	6.83	7.39	<=11	Pass
		5500	0.13	8.91	9.29	<=11	Pass
		5580	1.92	8.13	8.66	<=11	Pass
		5700	2.38	8.85	9.69	<=11	Pass
802.11n (HT40)	MIMO	5190	-1.67	0.71	2.45	<=11	Pass
		5230	1.24	4.16	5.60	<=11	Pass
		5270	1.00	3.36	4.99	<=11	Pass
		5310	-4.81	-3.03	-1.23	<=11	Pass
		5510	0.30	2.90	4.54	<=11	Pass
		5550	0.77	2.37	4.40	<=11	Pass
		5670	1.13	1.53	3.93	<=11	Pass
802.11ac (VHT20)	MIMO	5180	5.28	4.36	7.80	<=11	Pass
		5200	5.16	3.92	7.58	<=11	Pass
		5240	5.46	3.88	7.65	<=11	Pass
		5260	5.95	2.98	7.66	<=11	Pass
		5300	5.20	2.89	7.00	<=11	Pass
		5320	5.01	3.31	7.17	<=11	Pass
		5500	4.30	3.61	6.89	<=11	Pass
		5580	5.14	2.51	6.97	<=11	Pass
		5700	5.18	2.25	6.83	<=11	Pass
802.11ac	MIMO	5190	1.60	0.61	4.08	<=11	Pass

(VHT40)		5230	1.72	0.38	4.05	<=11	Pass
		5270	1.39	-0.59	3.48	<=11	Pass
		5310	1.19	-1.05	3.18	<=11	Pass
		5510	1.19	-0.44	3.44	<=11	Pass
		5550	1.46	-1.33	3.18	<=11	Pass
		5670	1.39	-1.84	3.02	<=11	Pass
802.11ac (VHT80)	MIMO	5210	-1.18	-2.58	1.15	<=11	Pass
		5290	-1.62	-4.25	0.22	<=11	Pass
		5530	-1.29	-2.76	0.91	<=11	Pass
		5610	-1.10	-3.84	0.75	<=11	Pass

Note1: Antenna Gain: Ant1: 2.0 dBi; Ant2: 2.0 dBi;

Note2: Directional Gain: 5.01dBi

Ant1 PSD: Ant 1 PSD + duty cycle factor.

Ant2 PSD: Ant 2 PSD + duty cycle factor.

MIMO PSD: Ant 1 PSD + duty cycle factor + Ant 2 PSD + duty cycle factor.

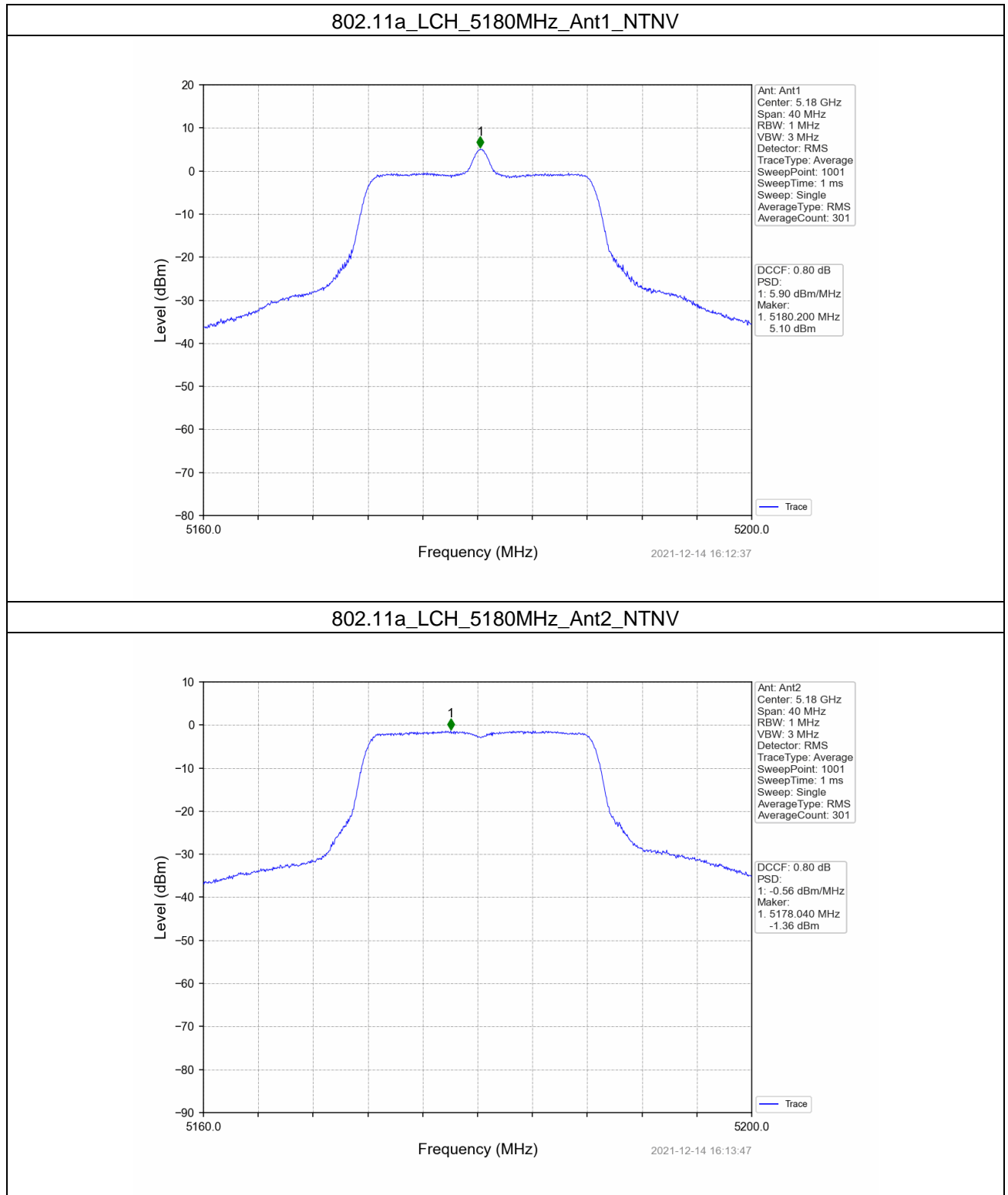
The Duty Cycle Factor is compensated in the test result.



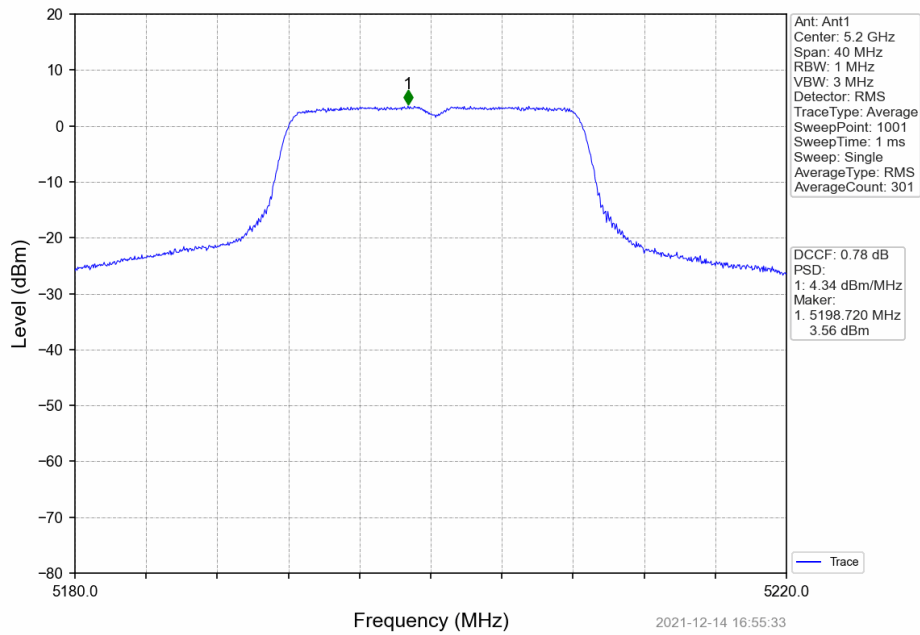
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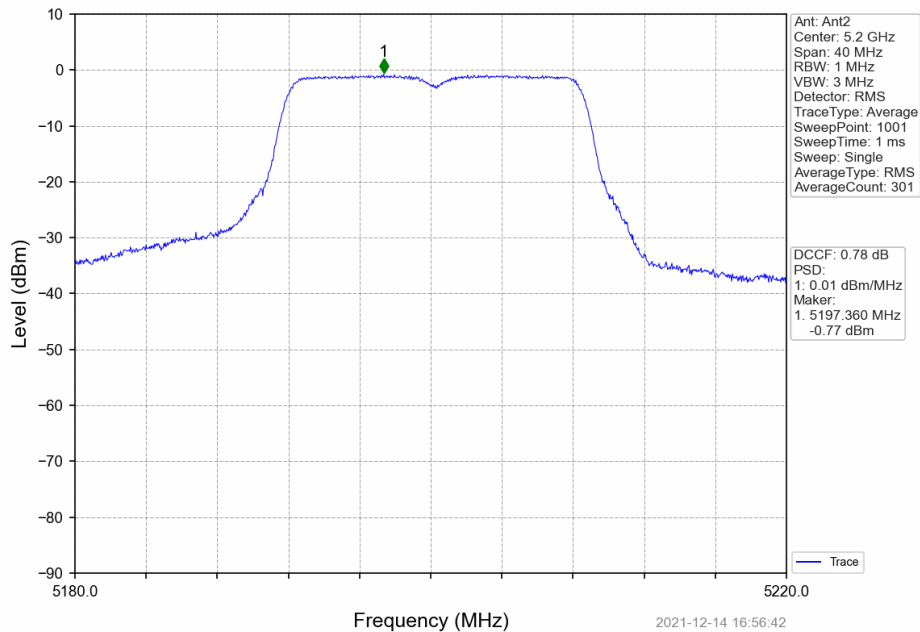
4.1.2 Test Graph



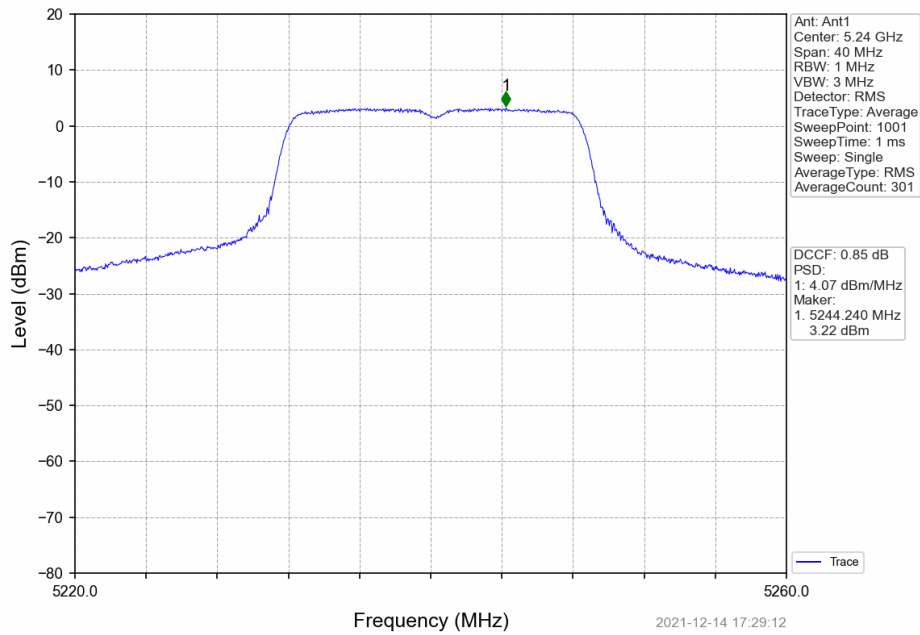
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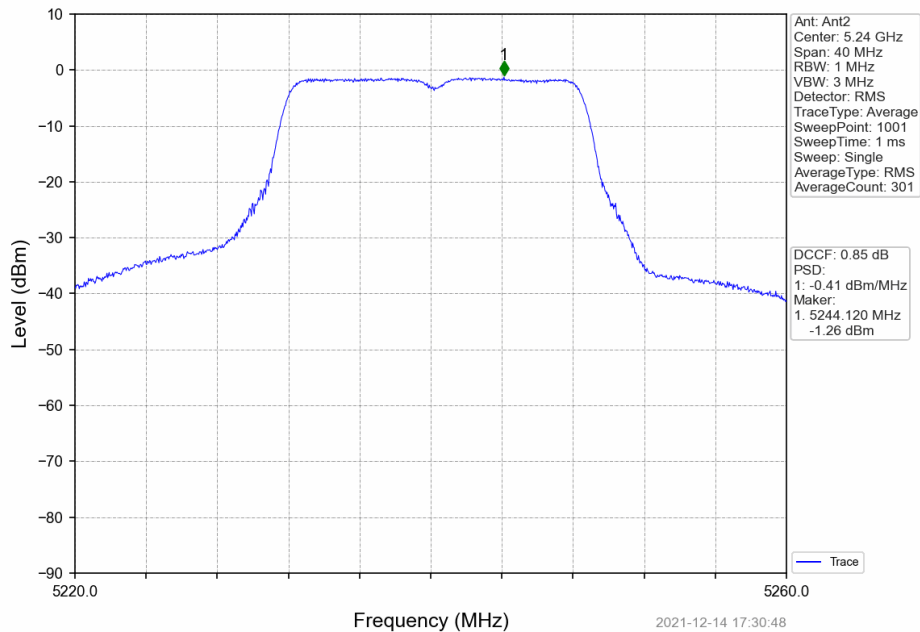
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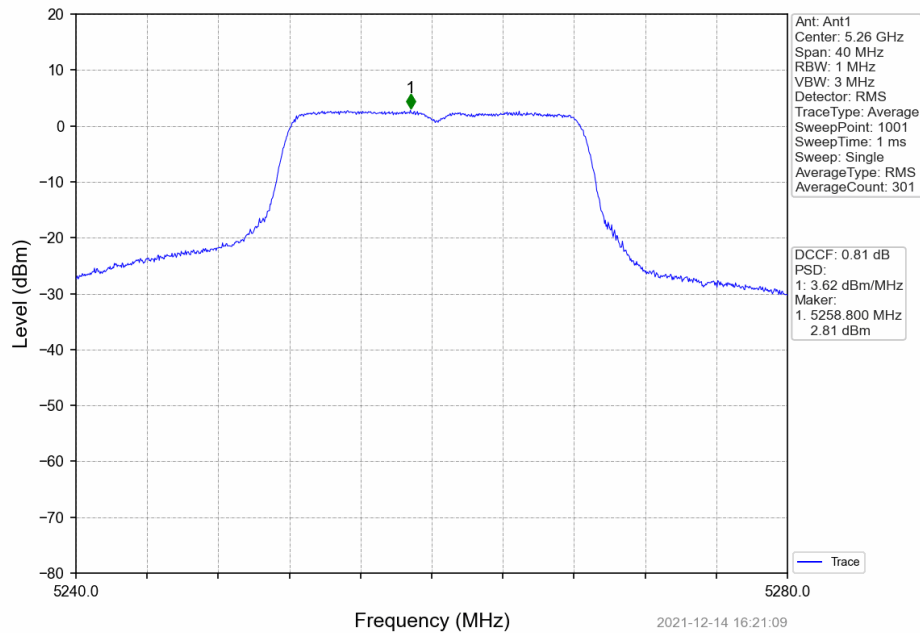
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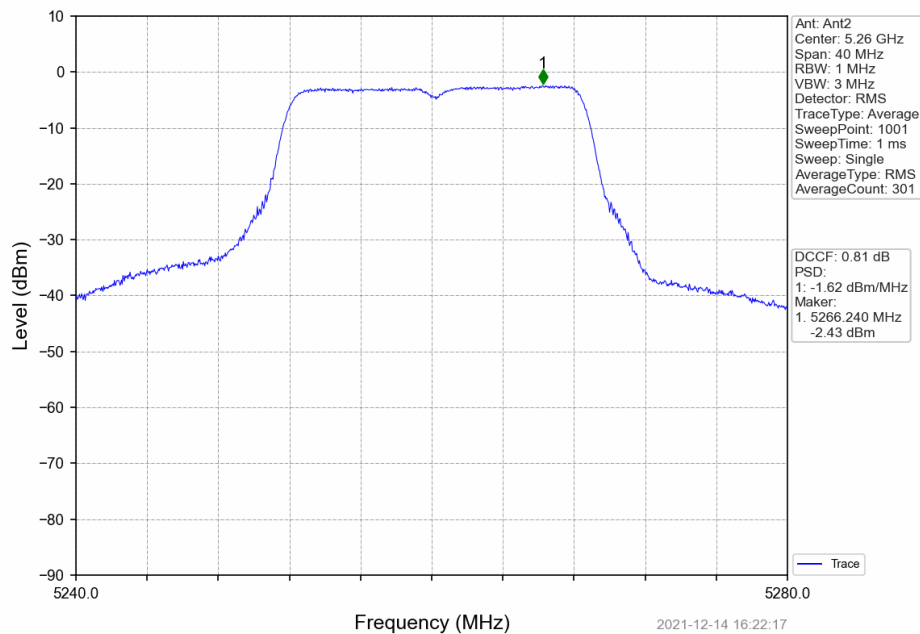
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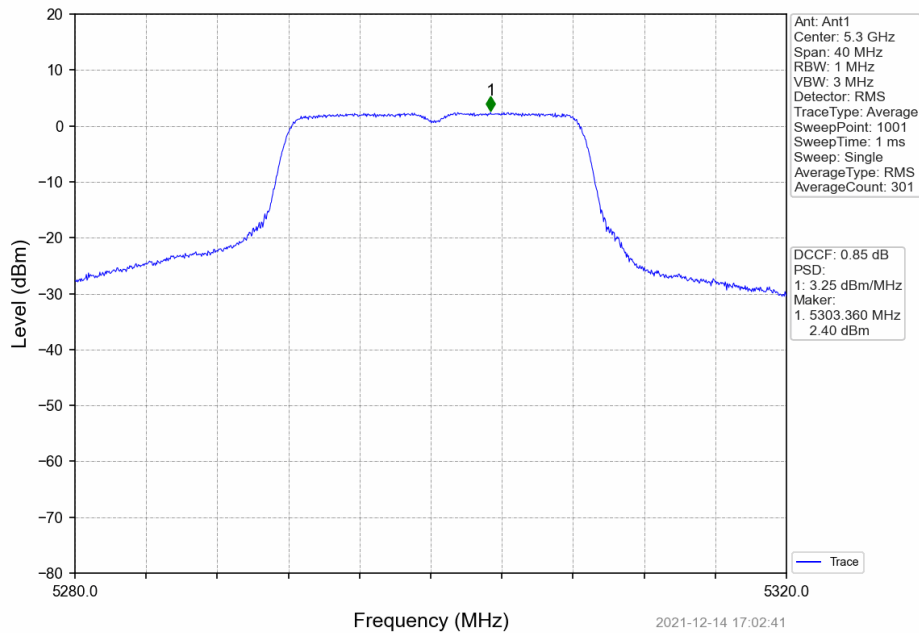
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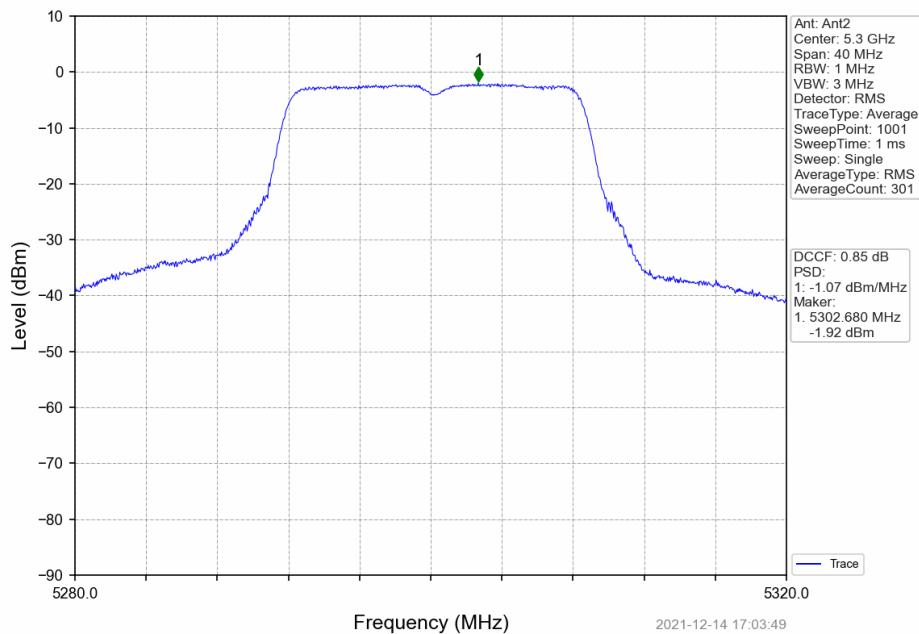
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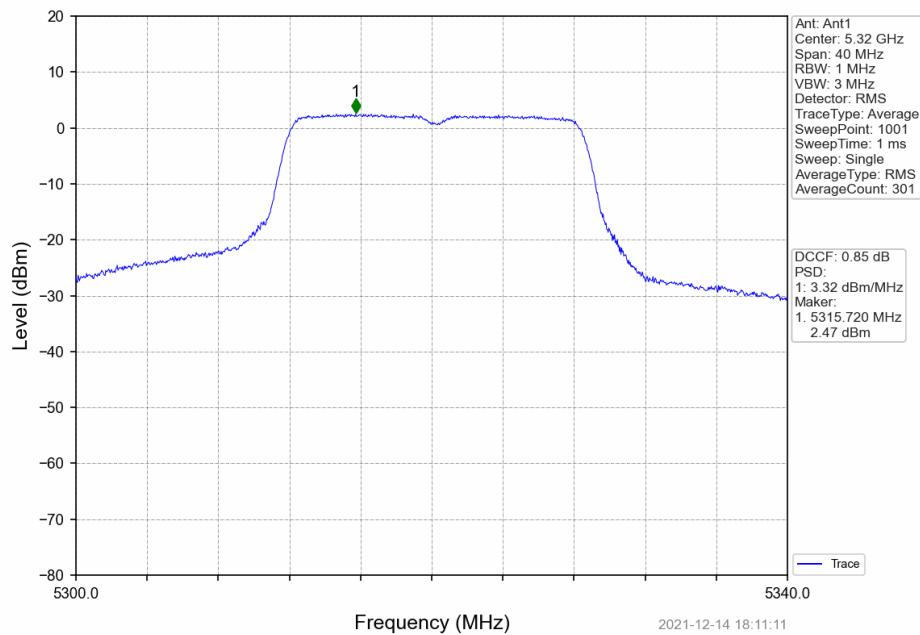
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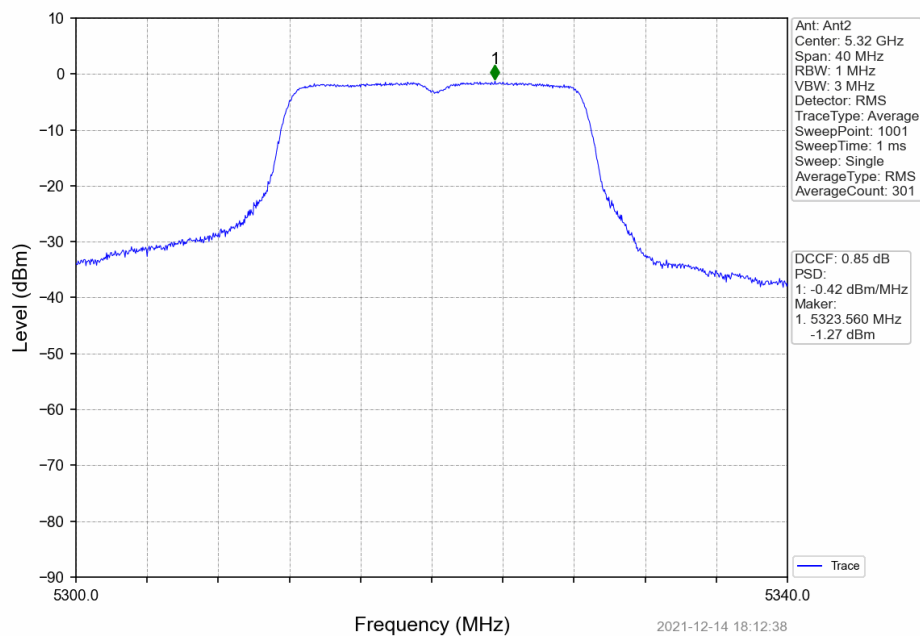
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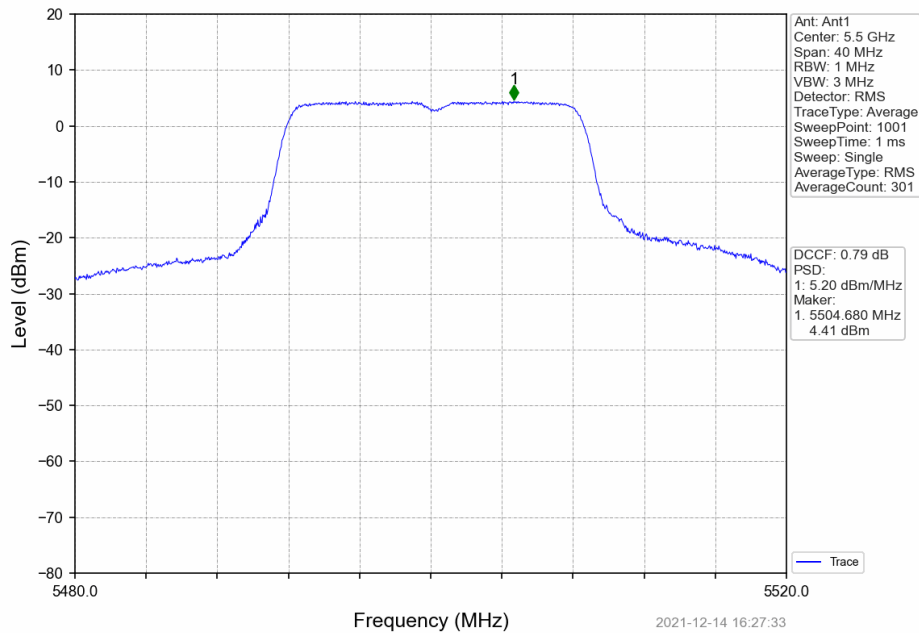
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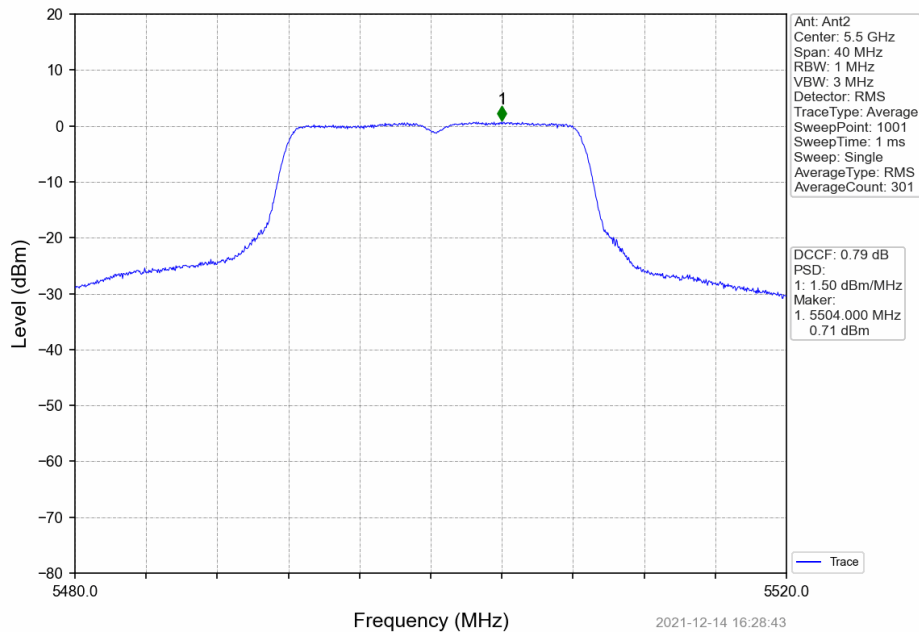
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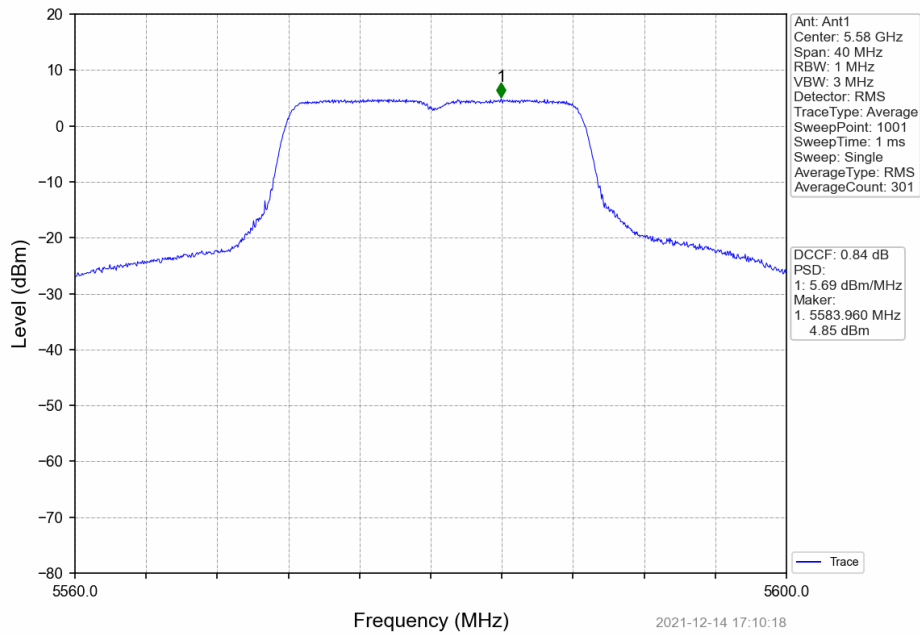
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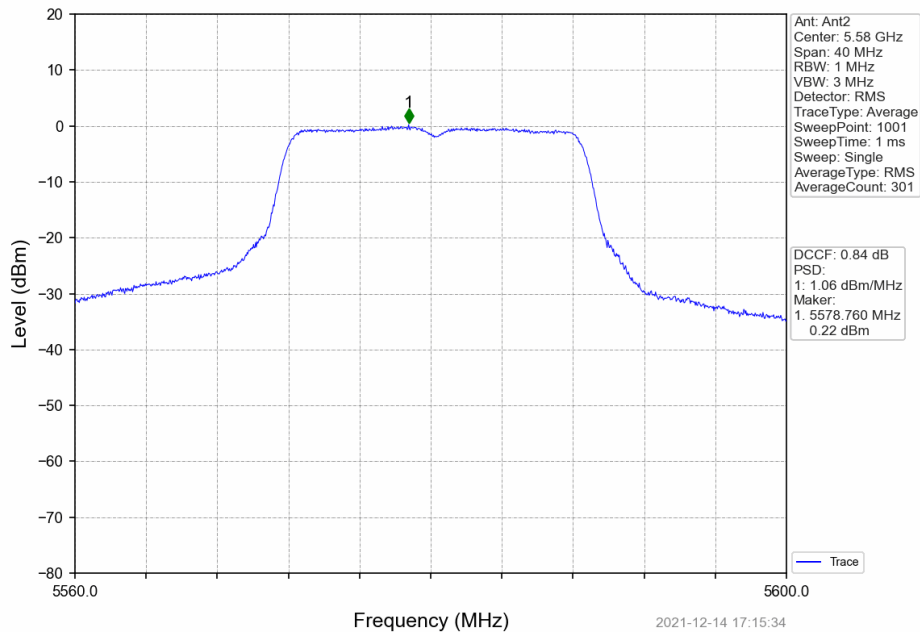
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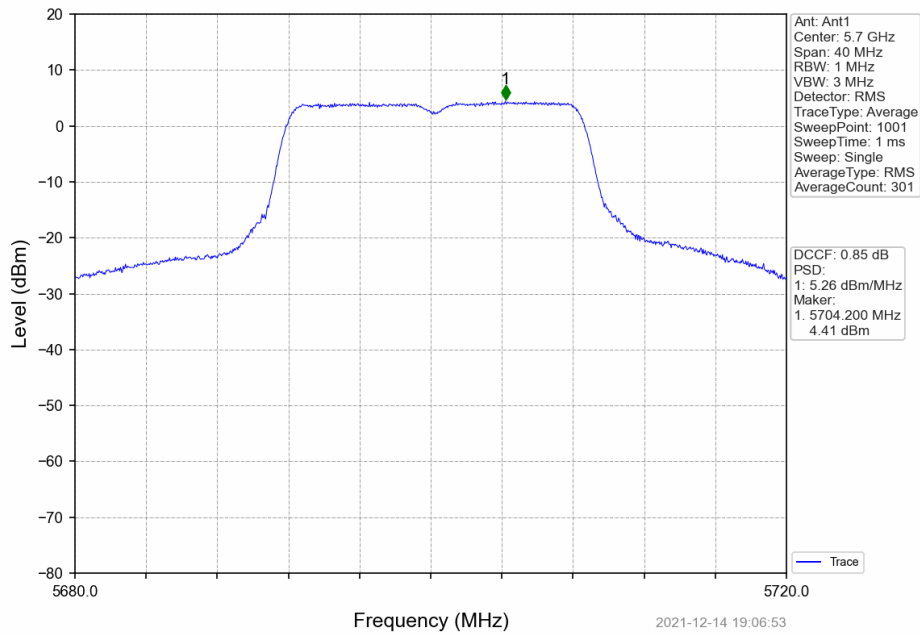
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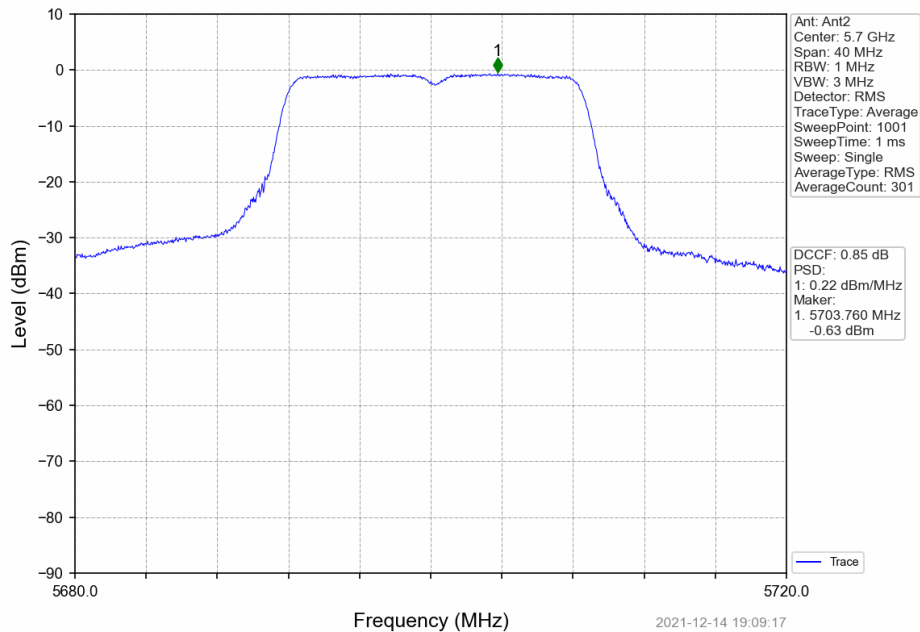
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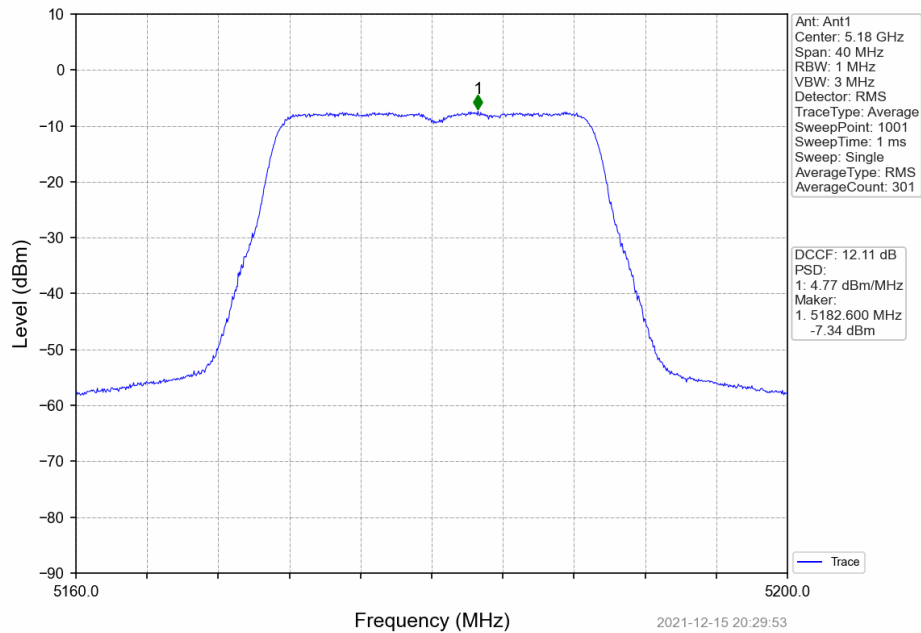
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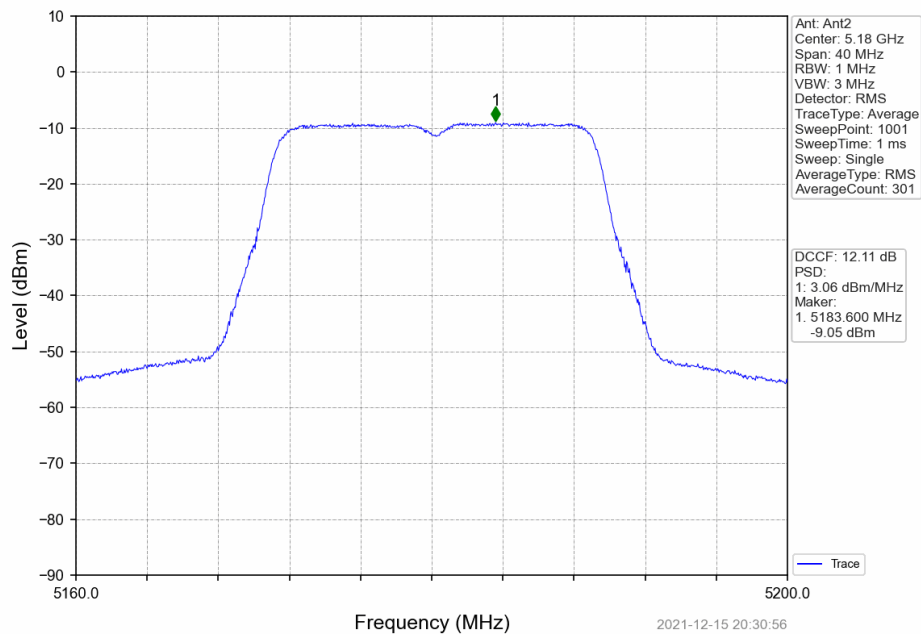
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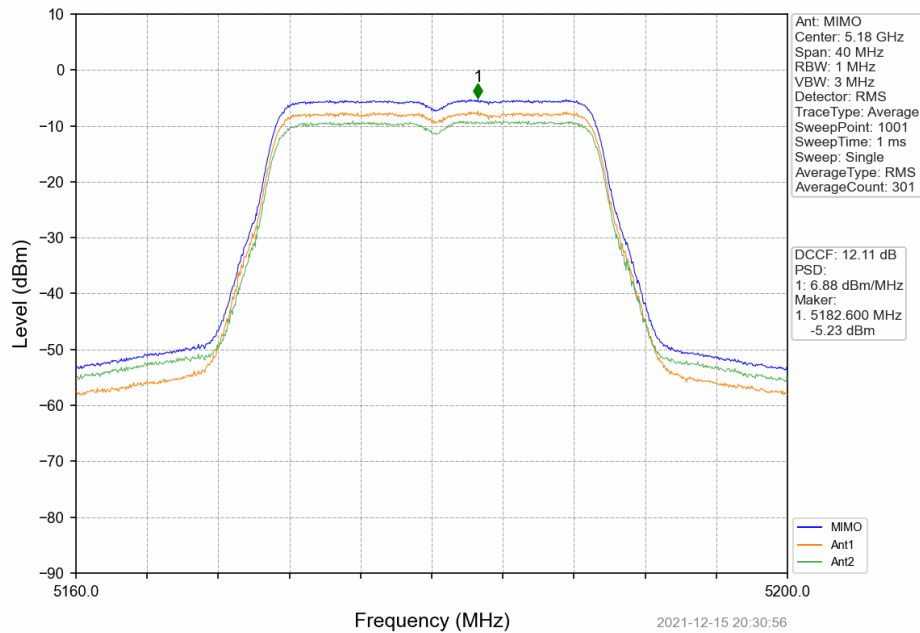
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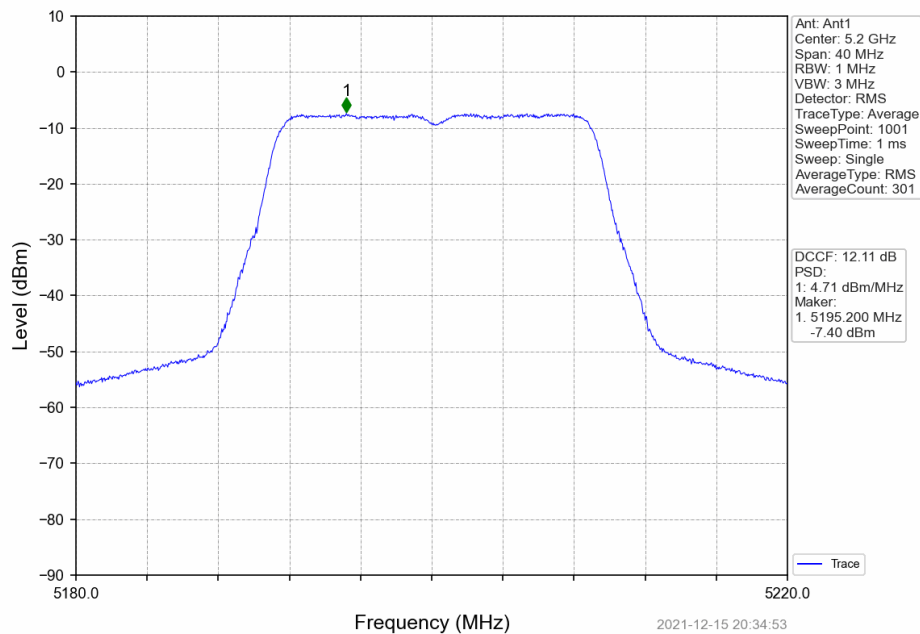
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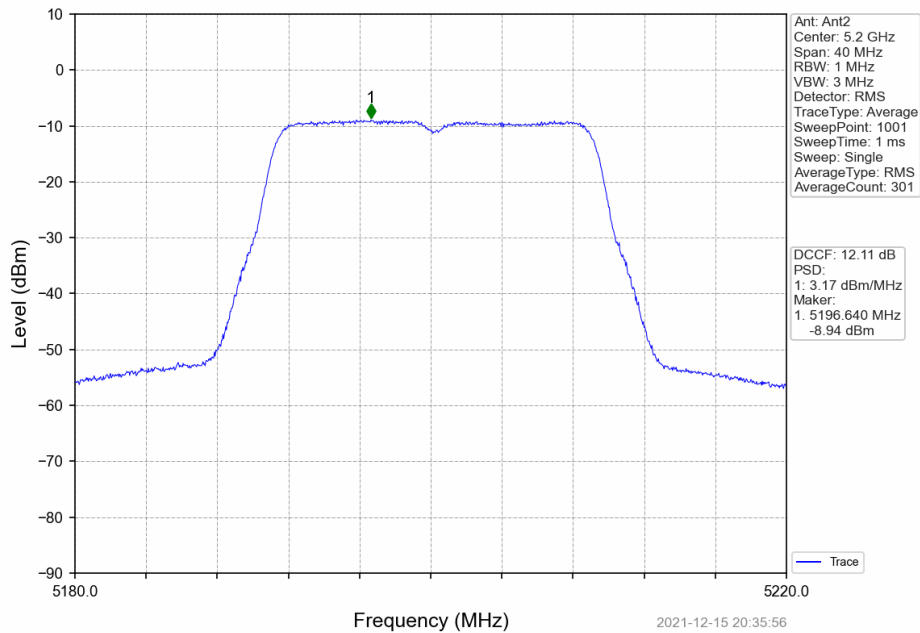
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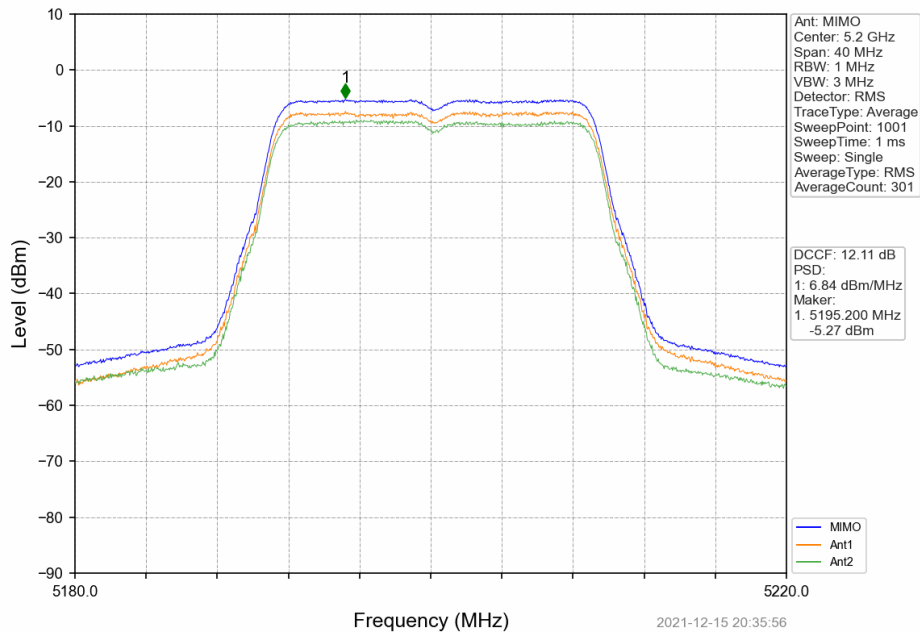
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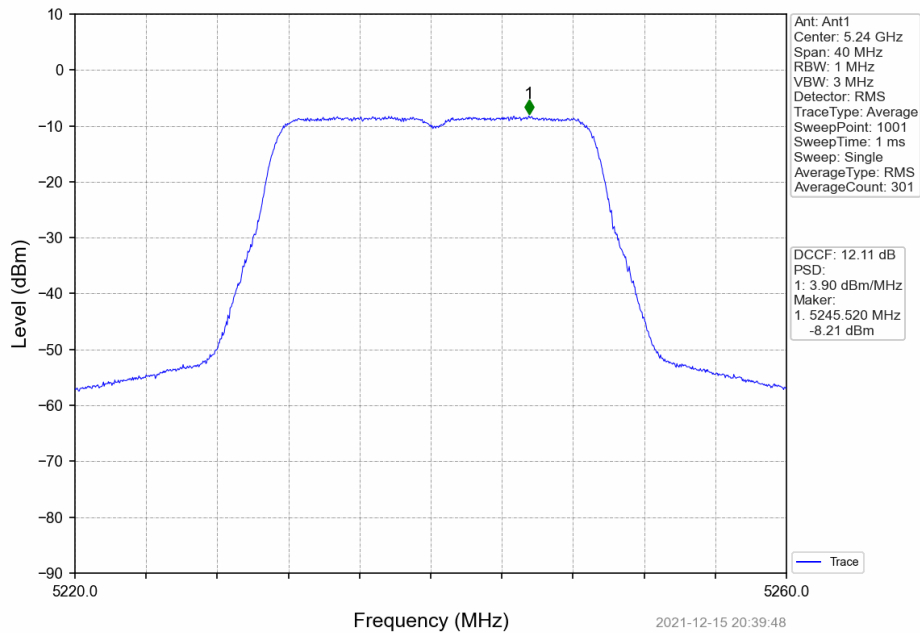
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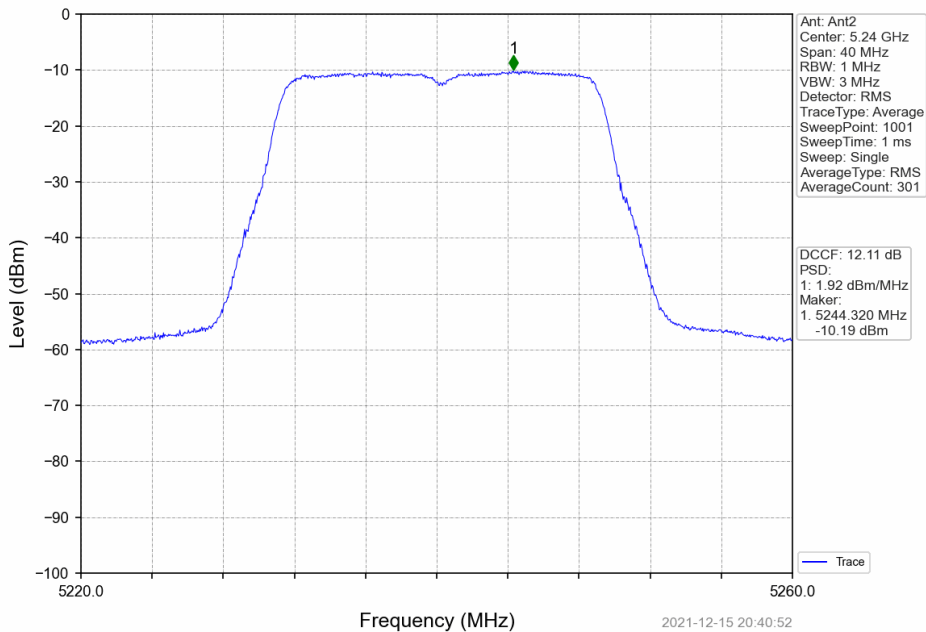
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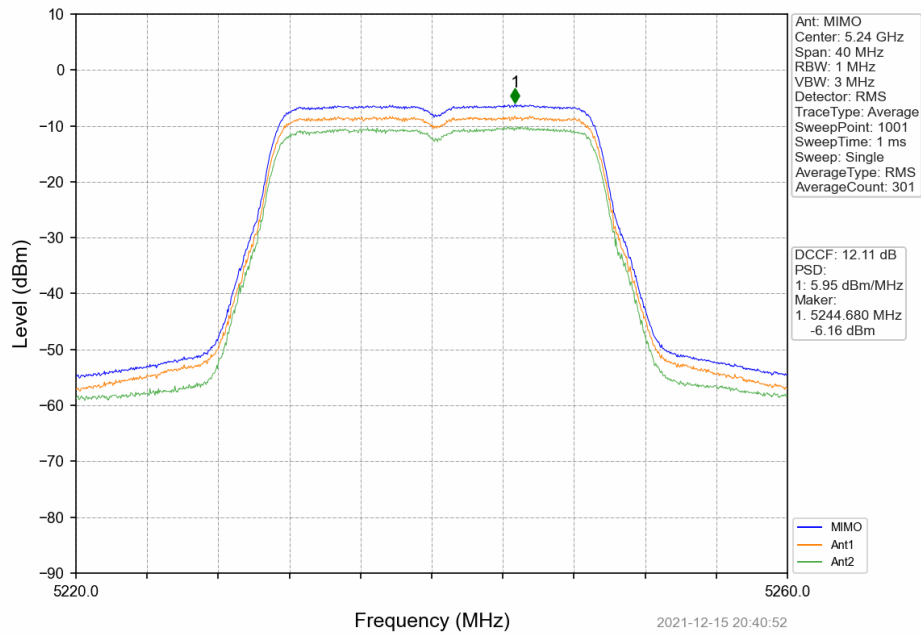
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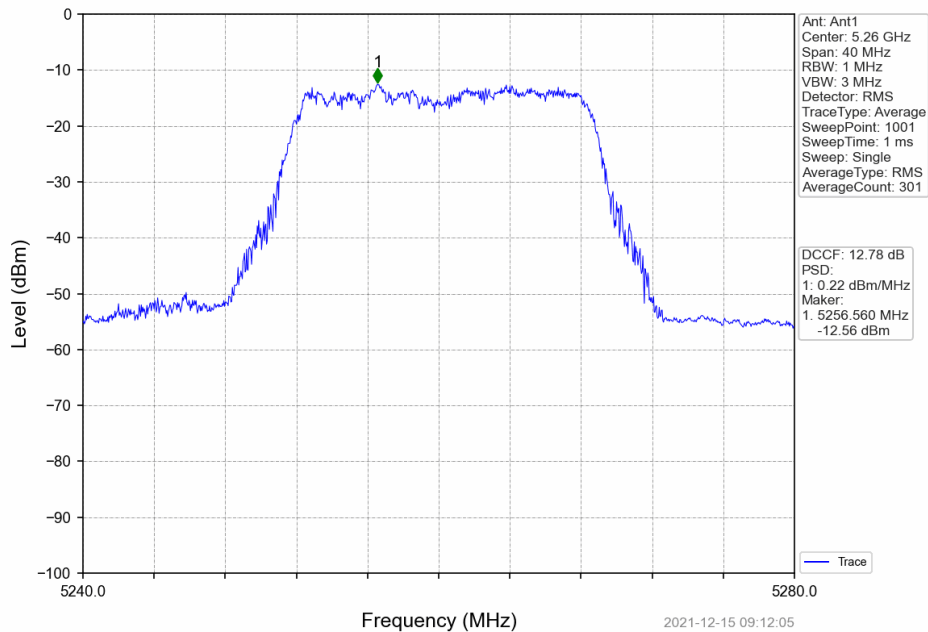
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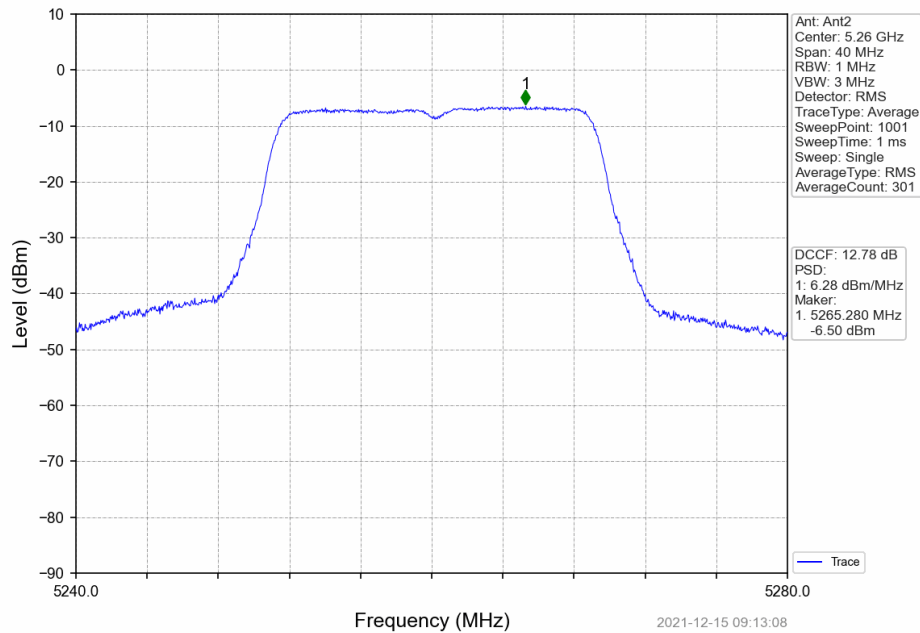
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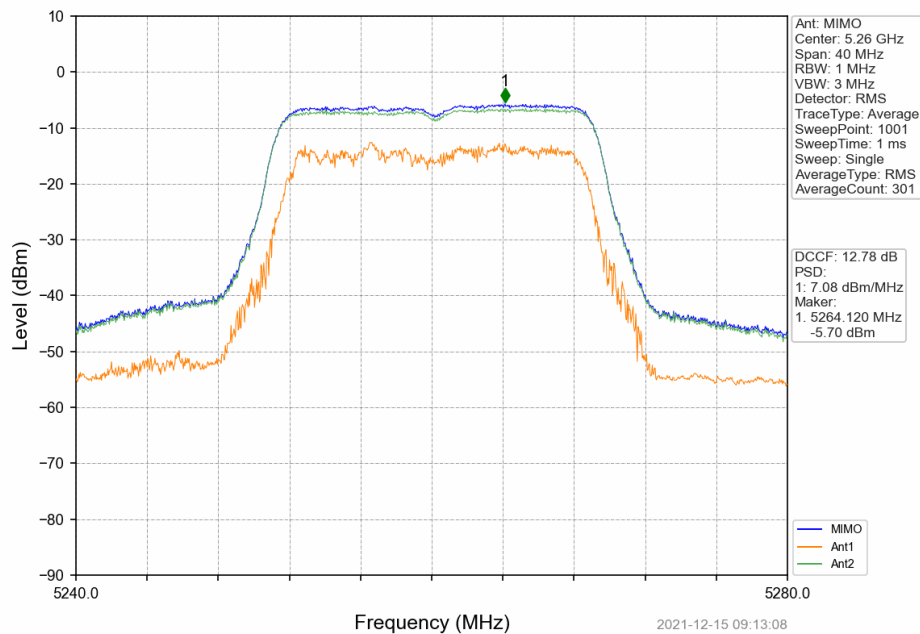
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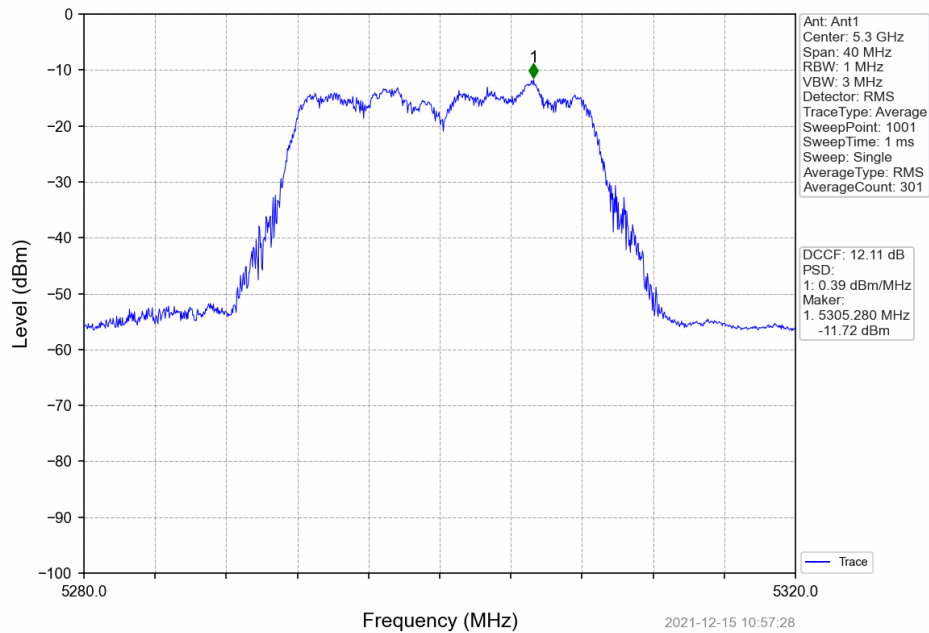


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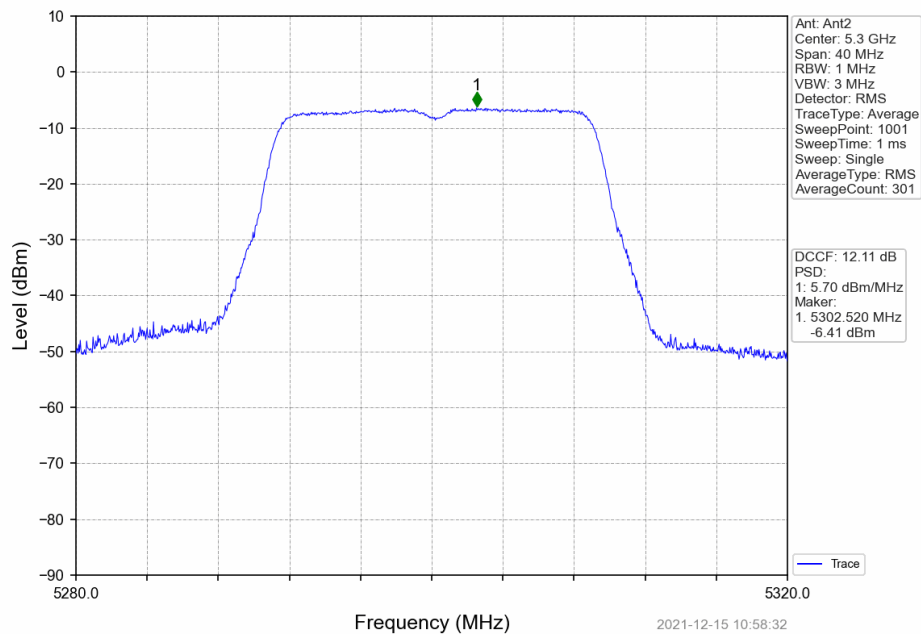


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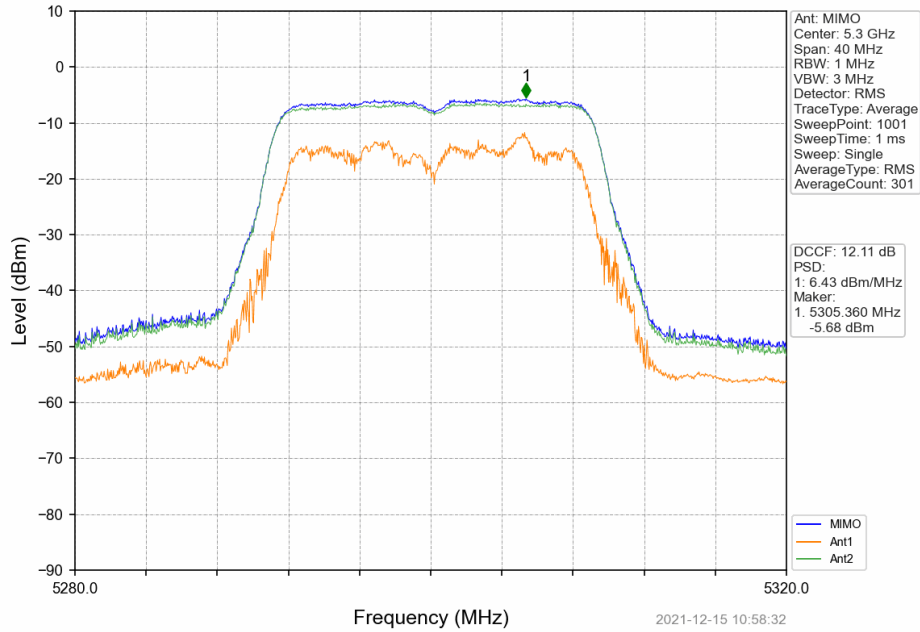
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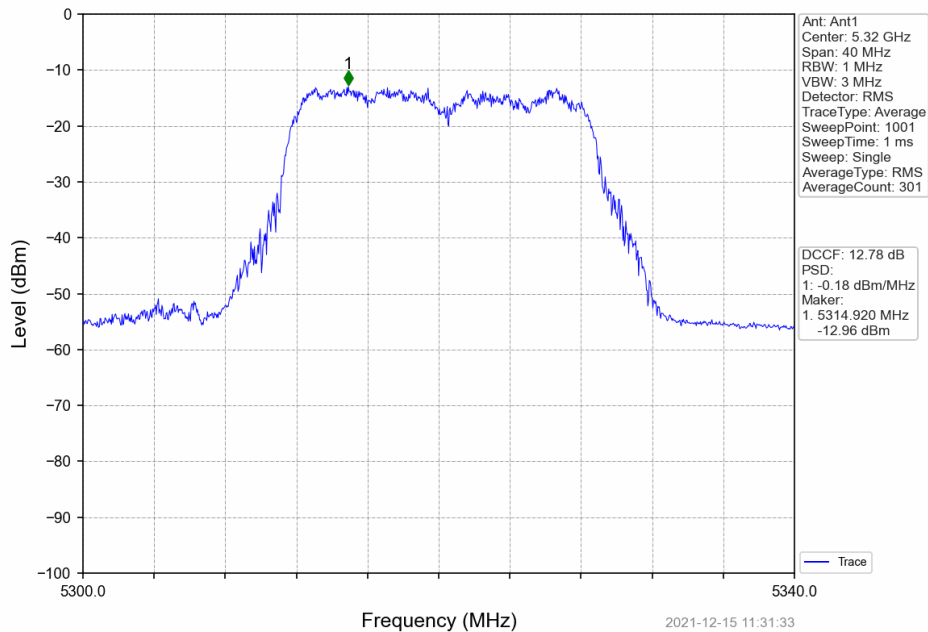
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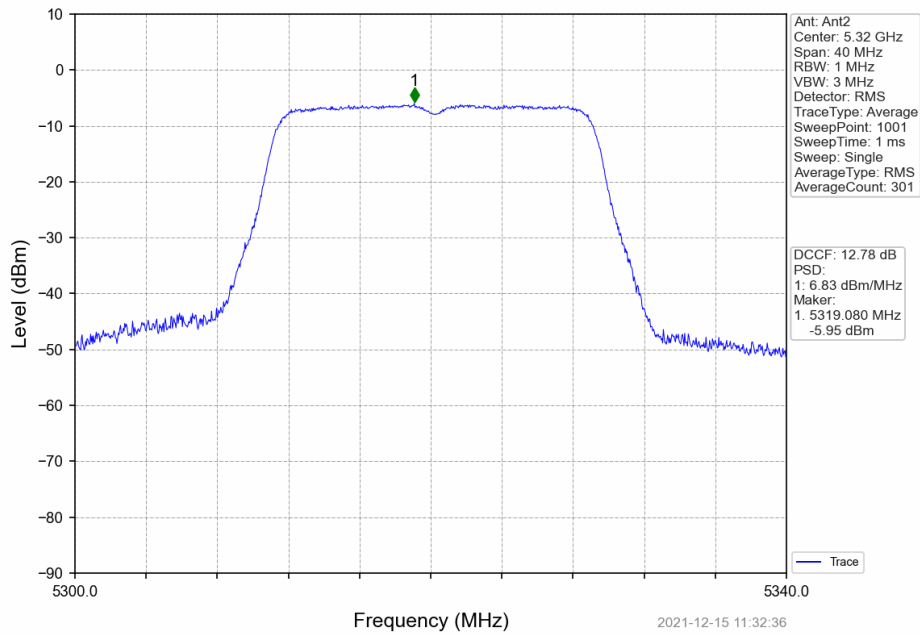
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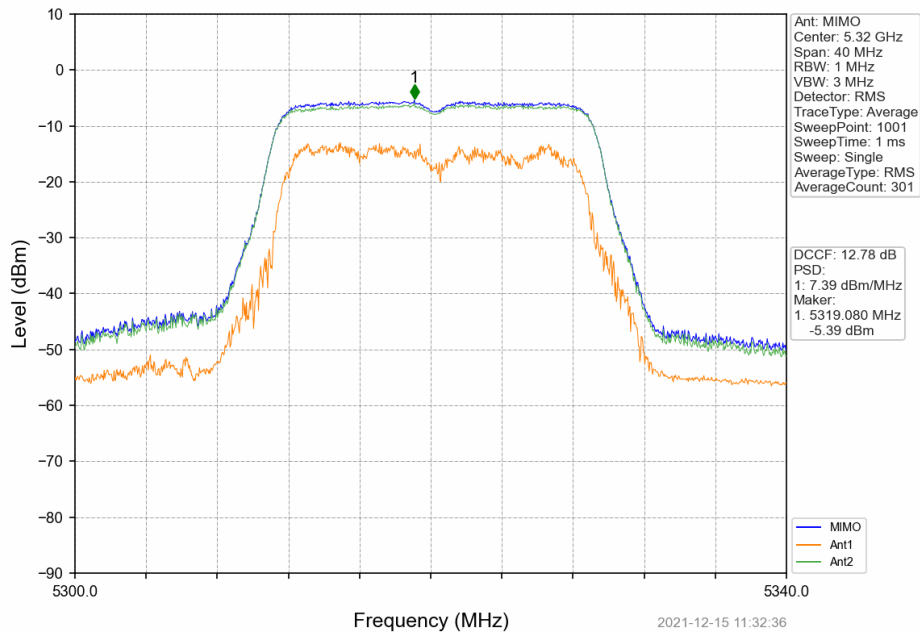
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802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



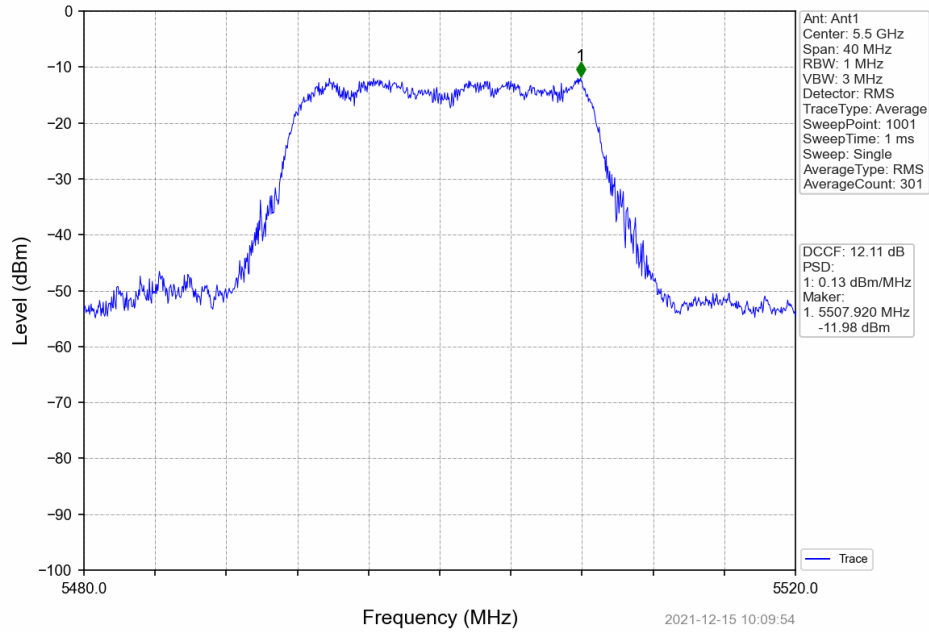
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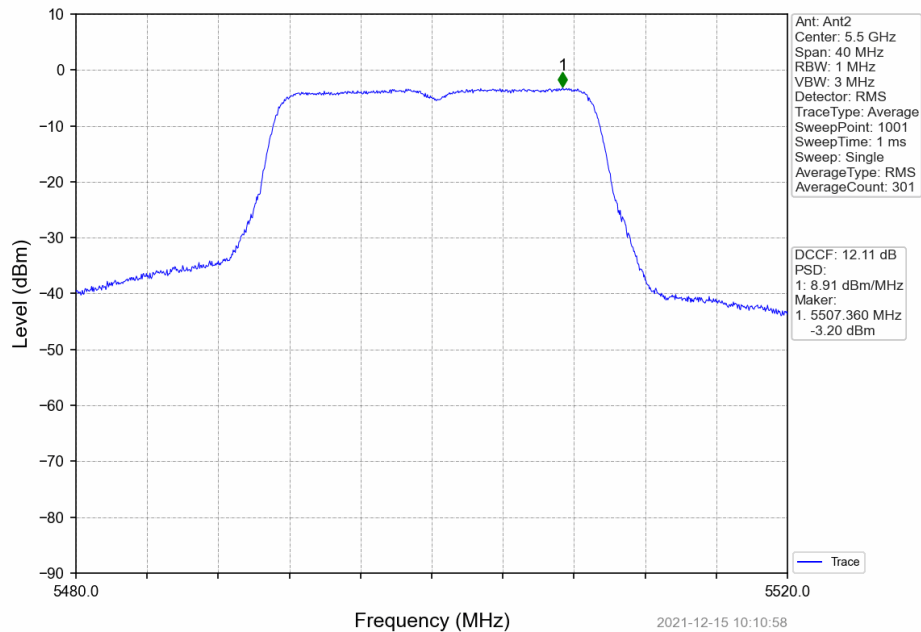
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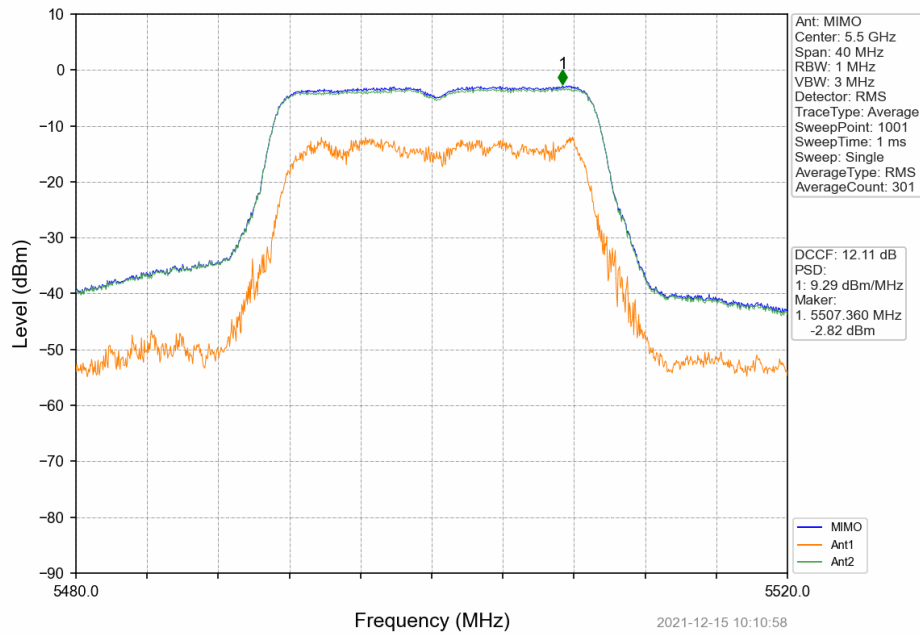
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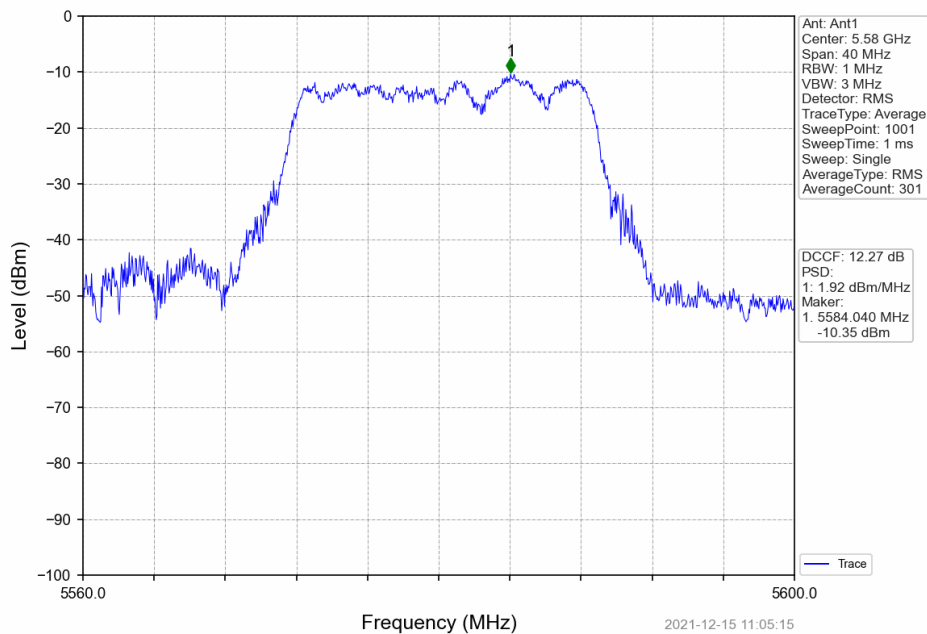
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



802.11n(HT20)_LCH_5500MHz_MIMO_NTNV

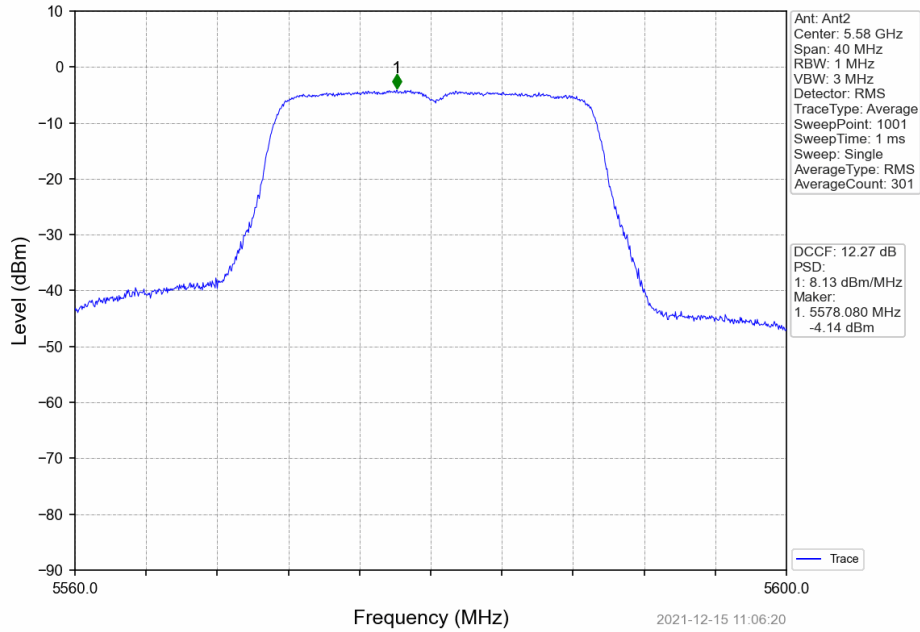


802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

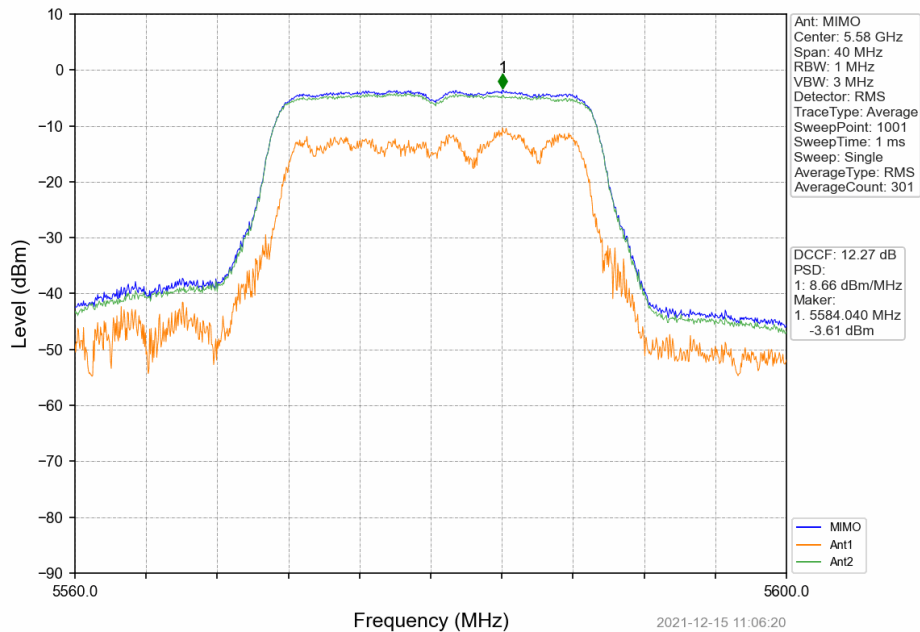


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802.11n(HT20)_MCH_5580MHz_Ant2_NTNV

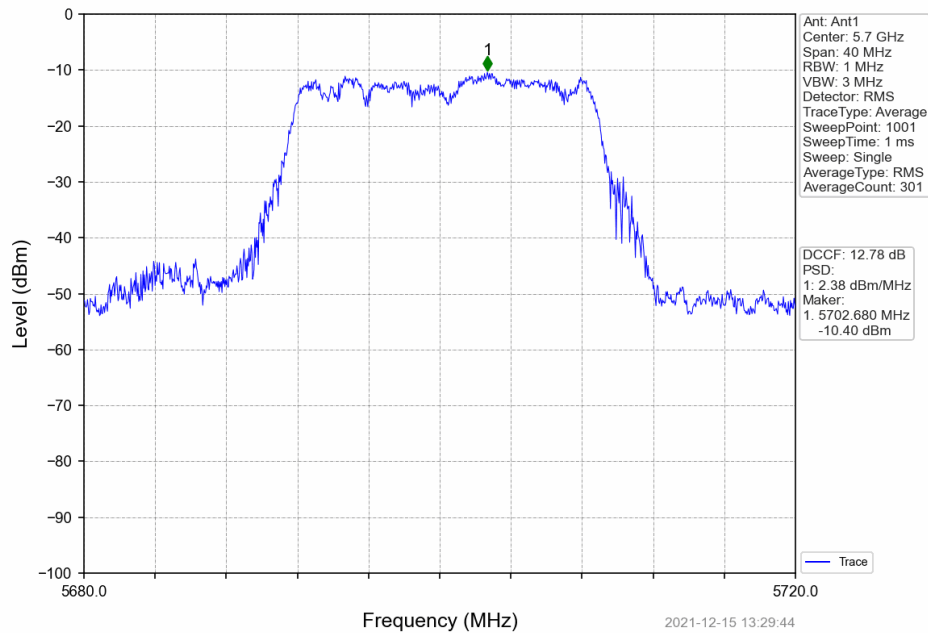


802.11n(HT20)_MCH_5580MHz_MIMO_NTNV

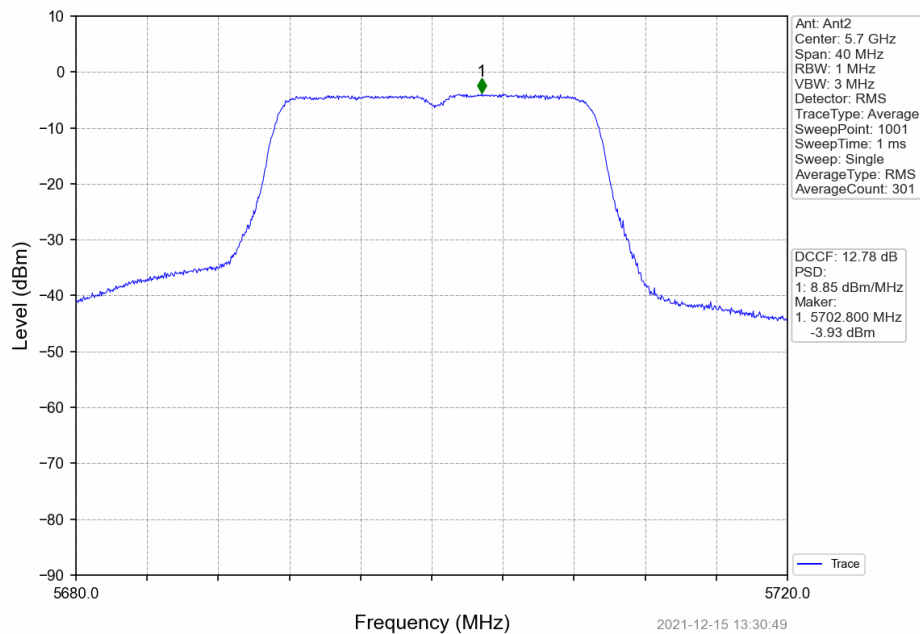


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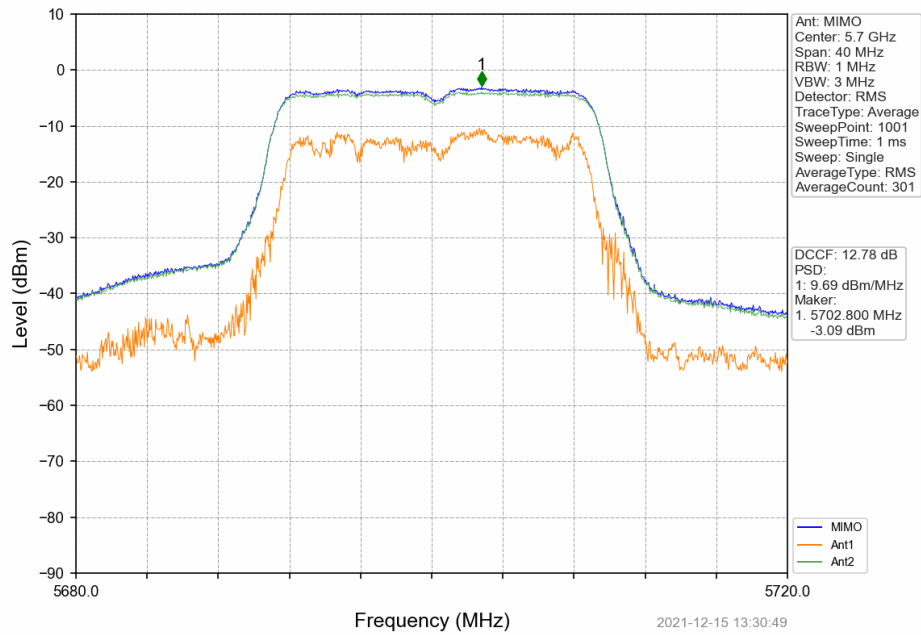
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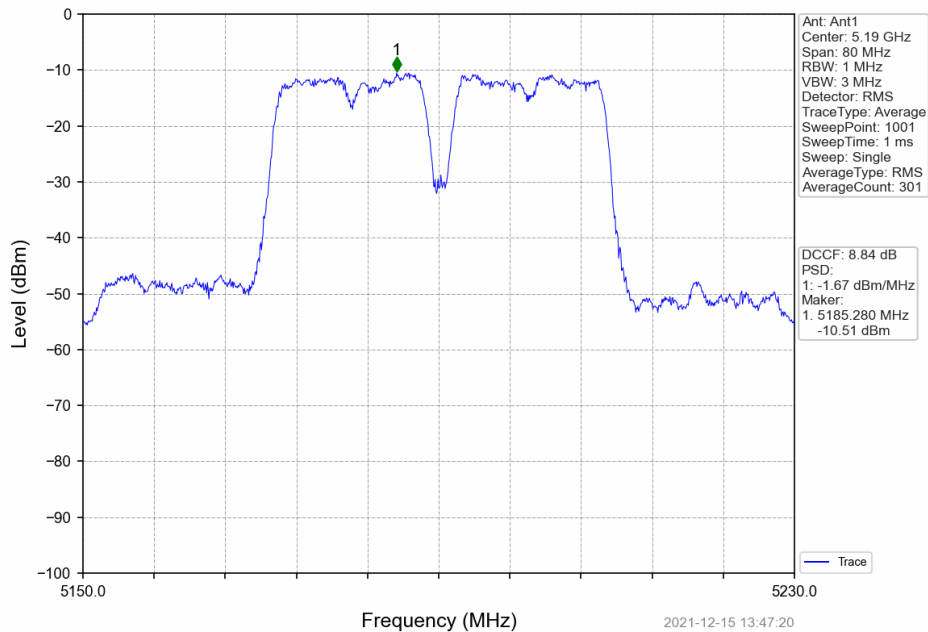
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



802.11n(HT20)_HCH_5700MHz_MIMO_NTNV

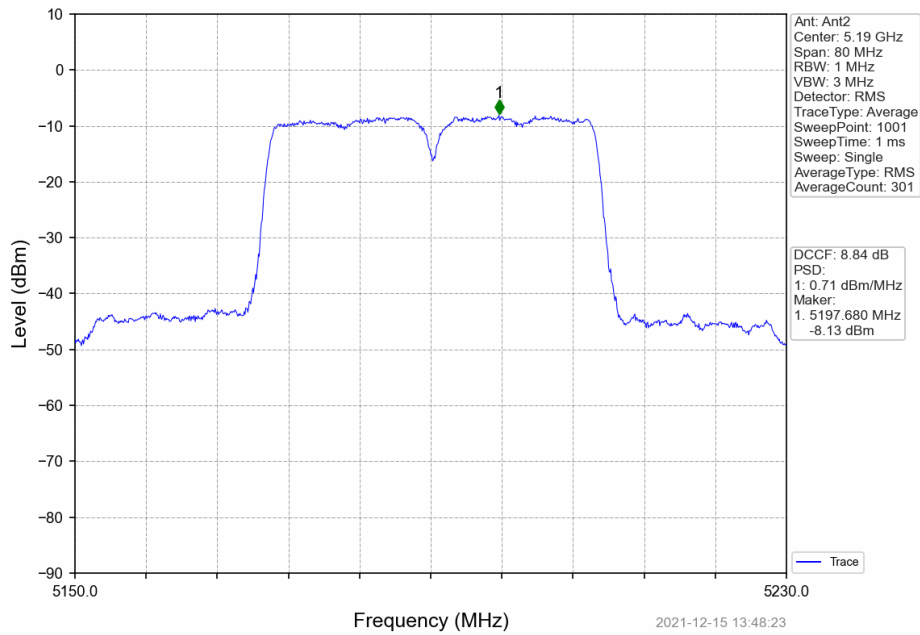


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

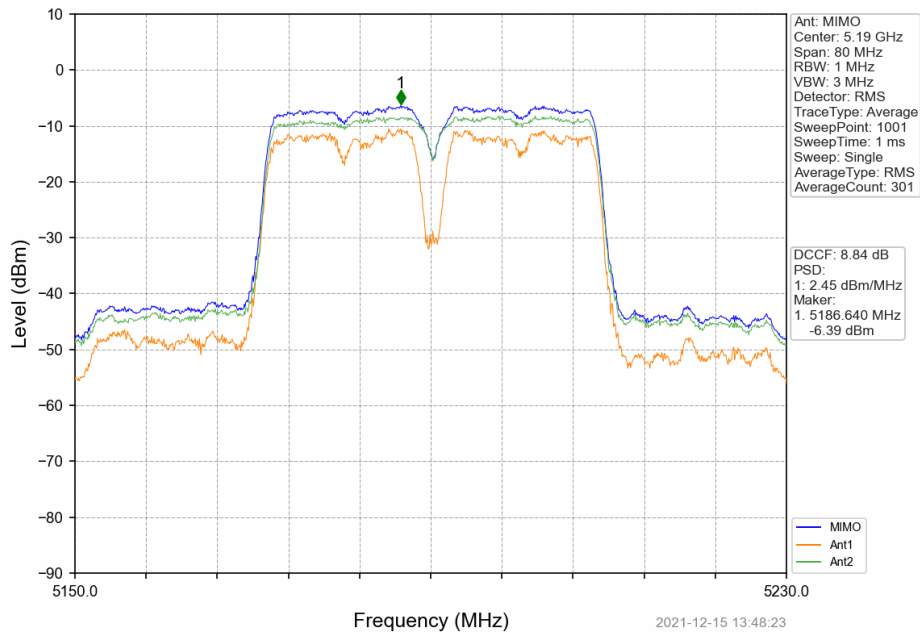


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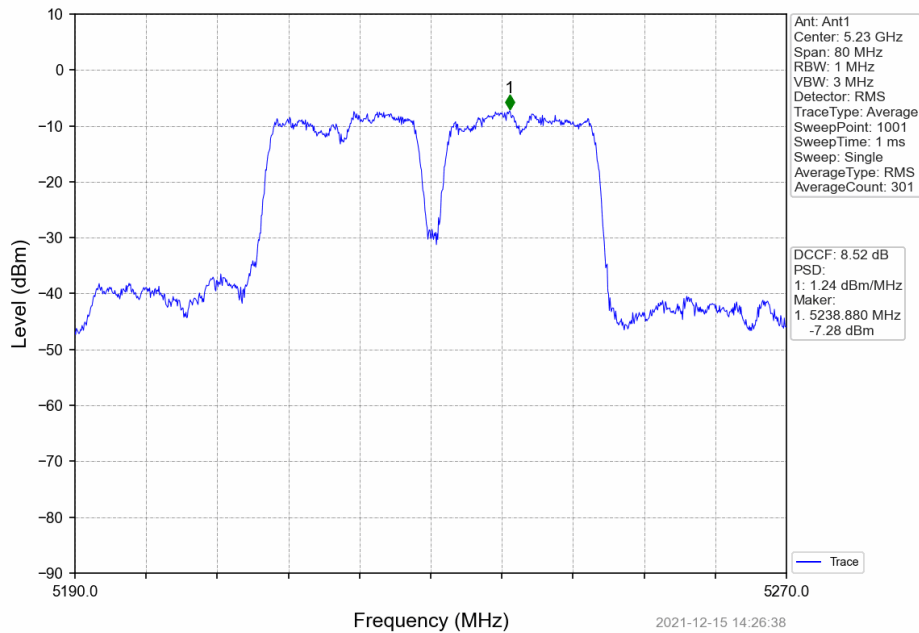
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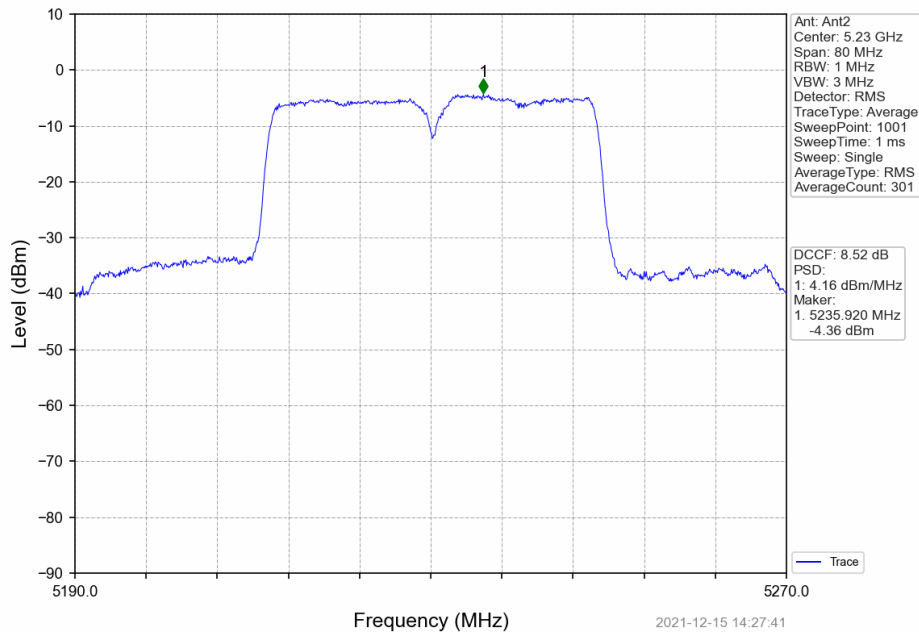
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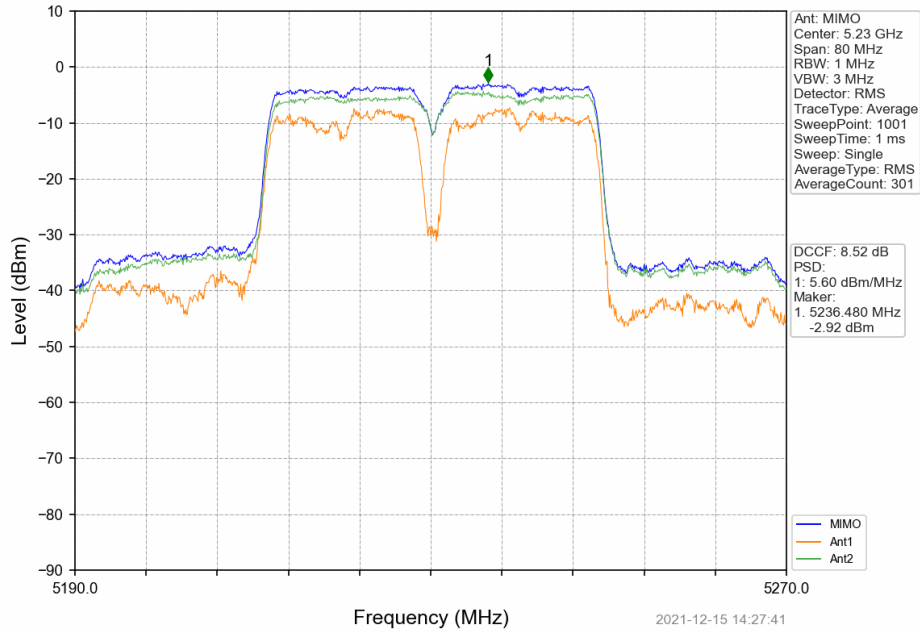
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV

