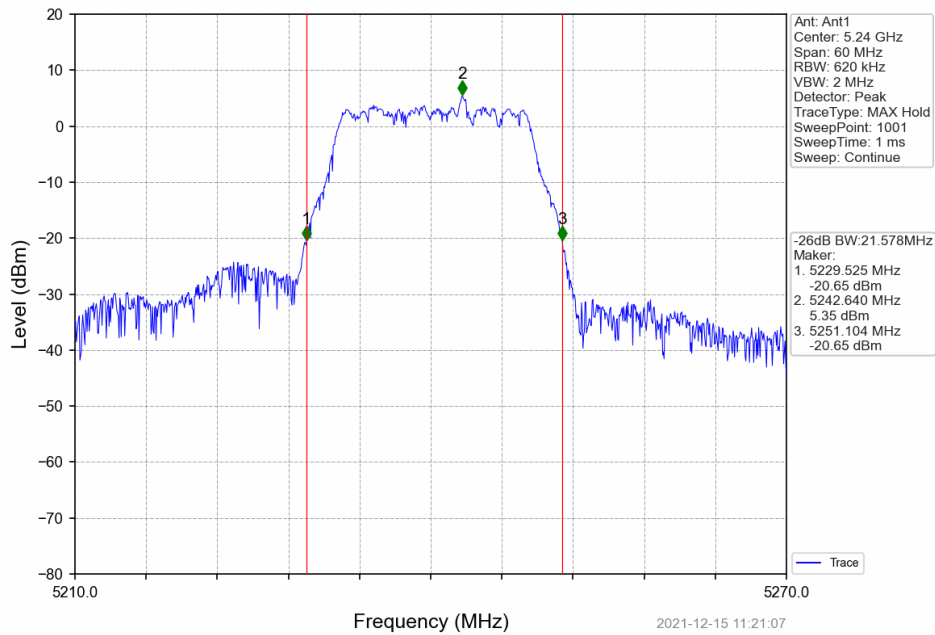
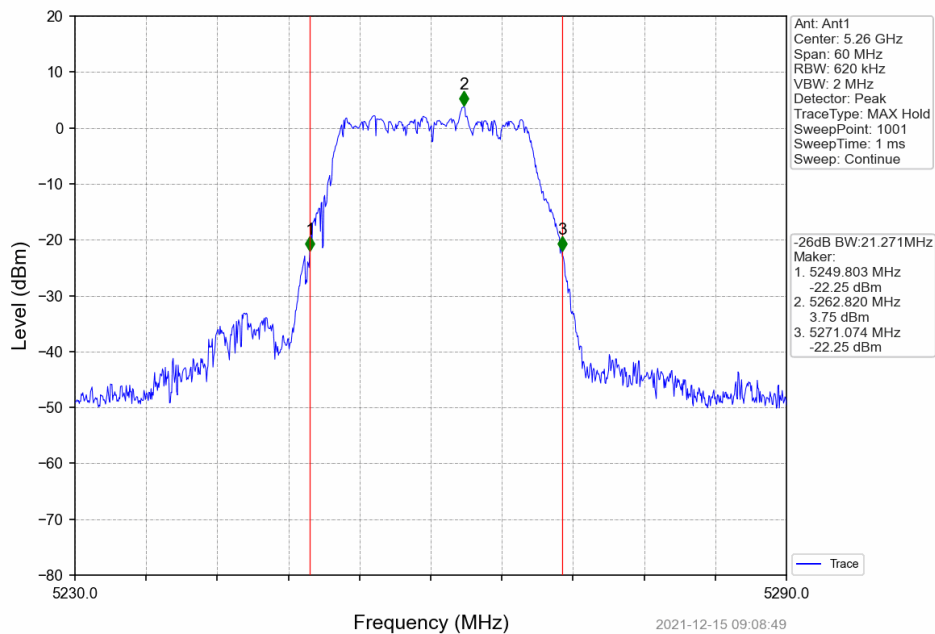


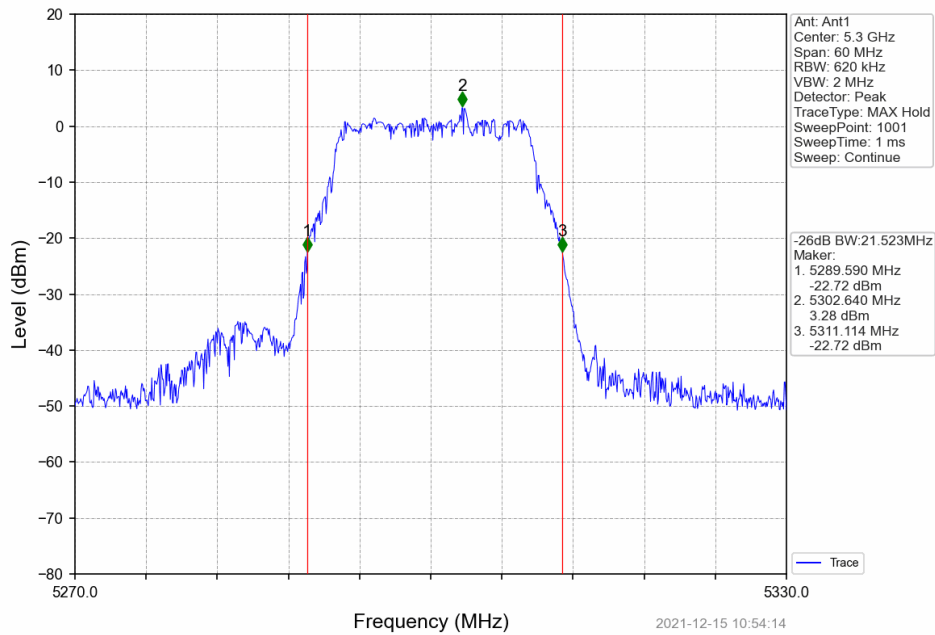
802.11n(HT20) HCH 5240MHz Ant1 NTN



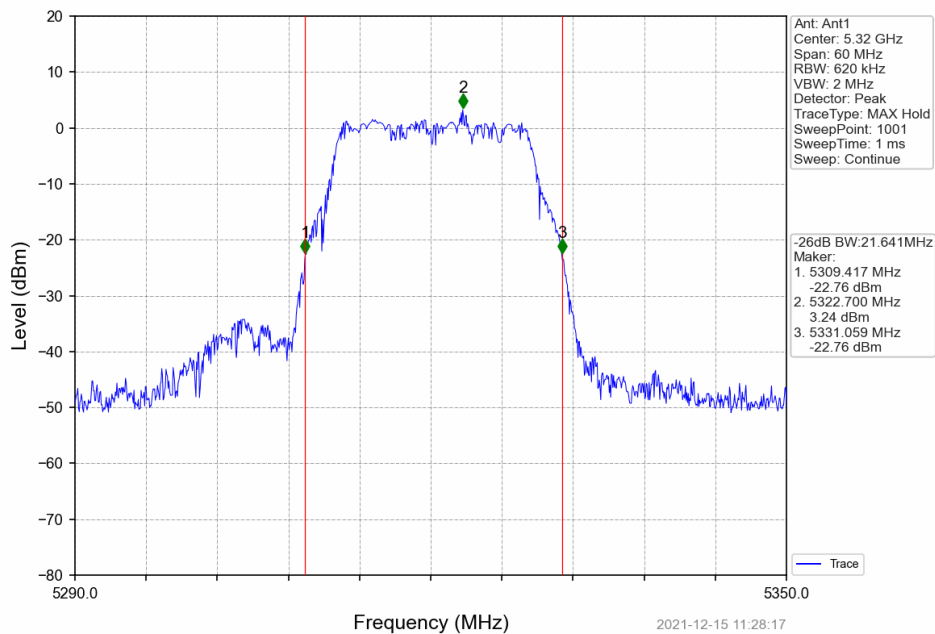
802.11n(HT20) LCH 5260MHz Ant1 NTN



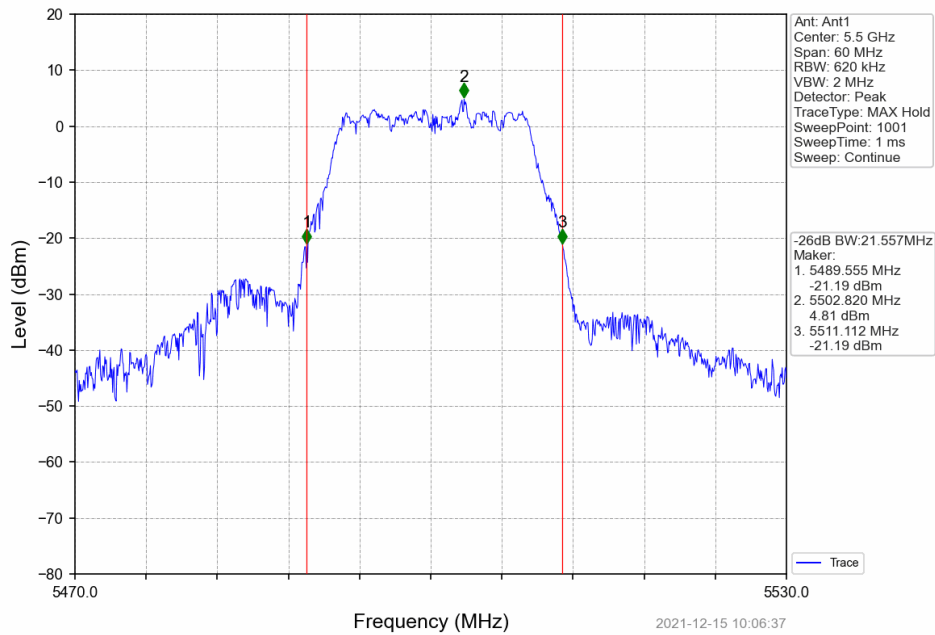
802.11n(HT20) MCH 5300MHz Ant1 NTN



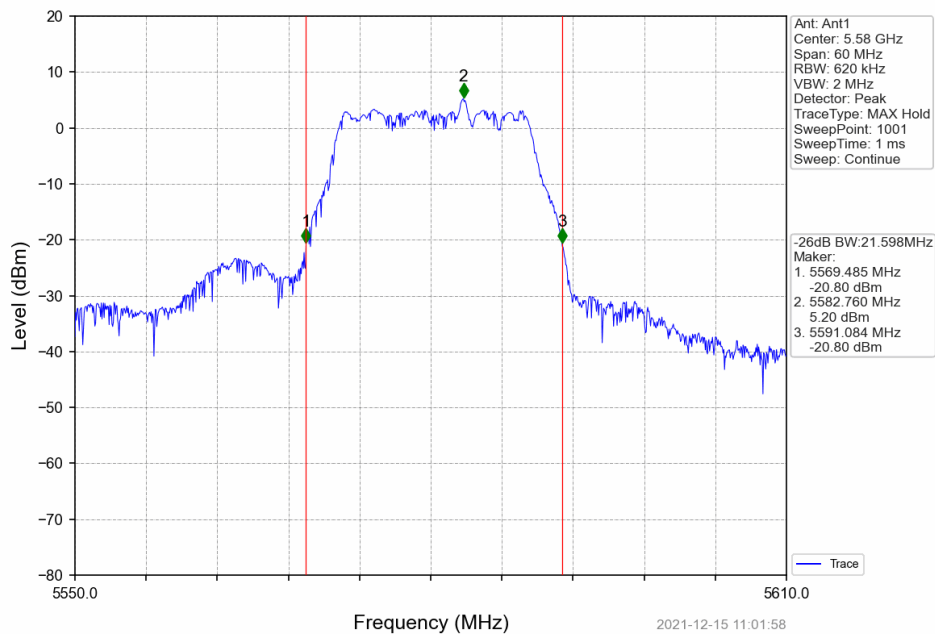
802.11n(HT20) HCH 5320MHz Ant1 NTN



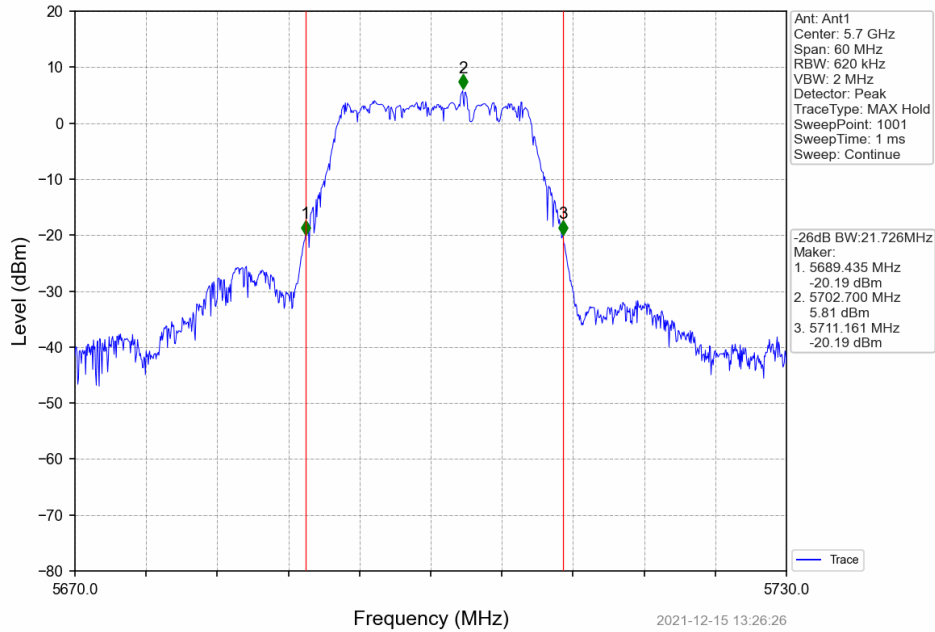
802.11n(HT20) LCH 5500MHz Ant1 NTNV



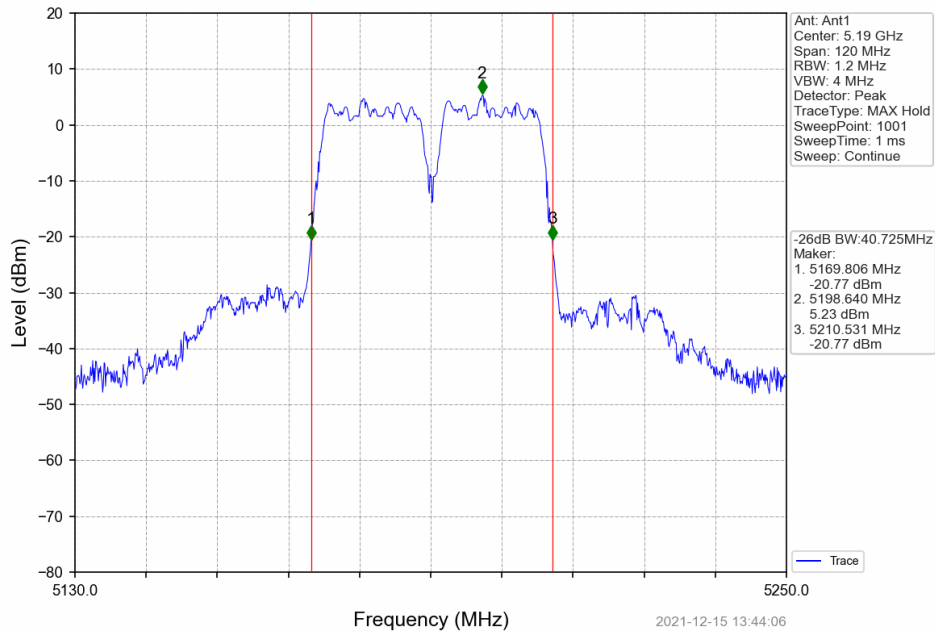
802.11n(HT20) MCH 5580MHz Ant1 NTNV



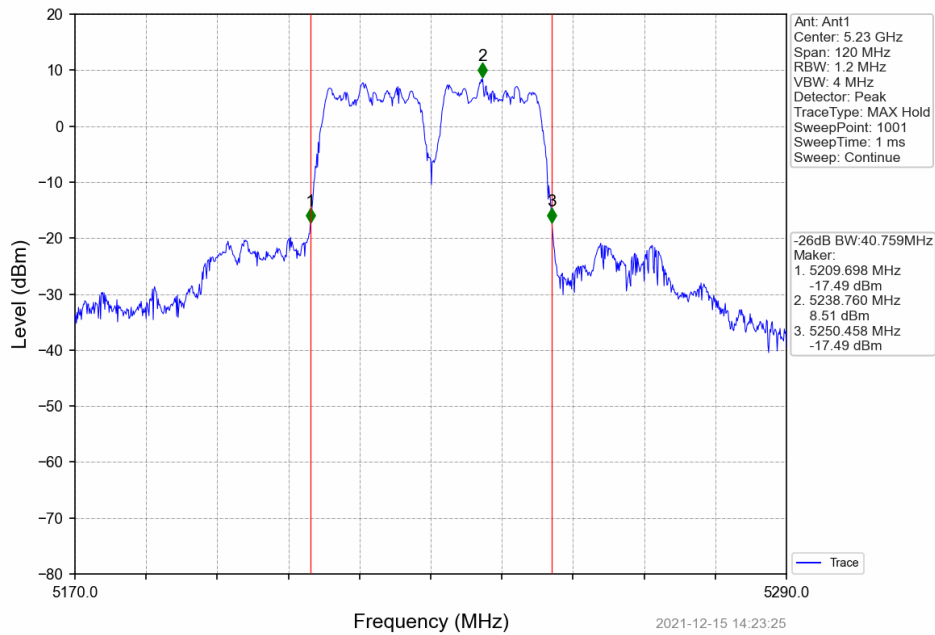
802.11n(HT20) HCH 5700MHz Ant1 NTN



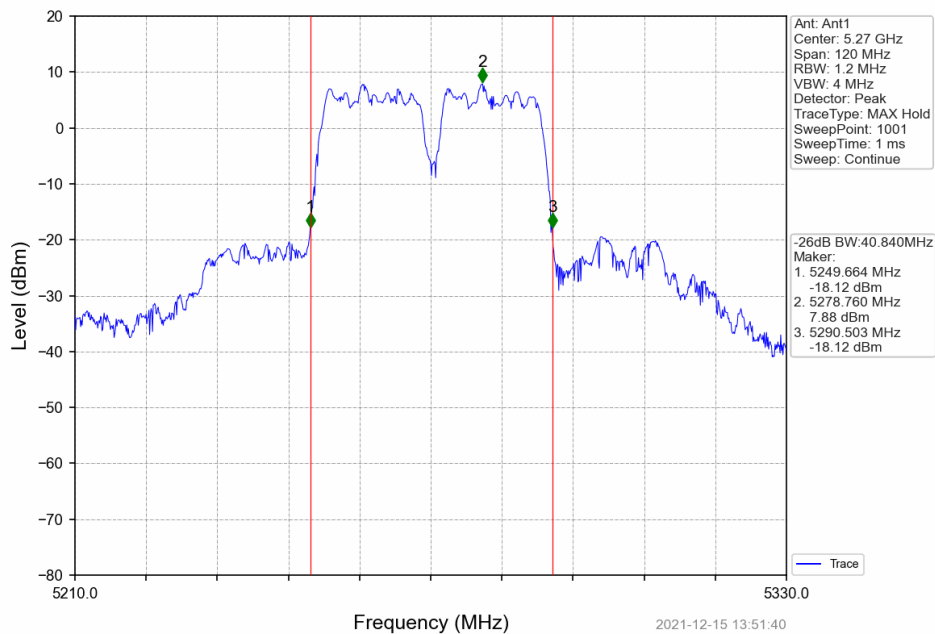
802.11n(HT40) LCH 5190MHz Ant1 NTN



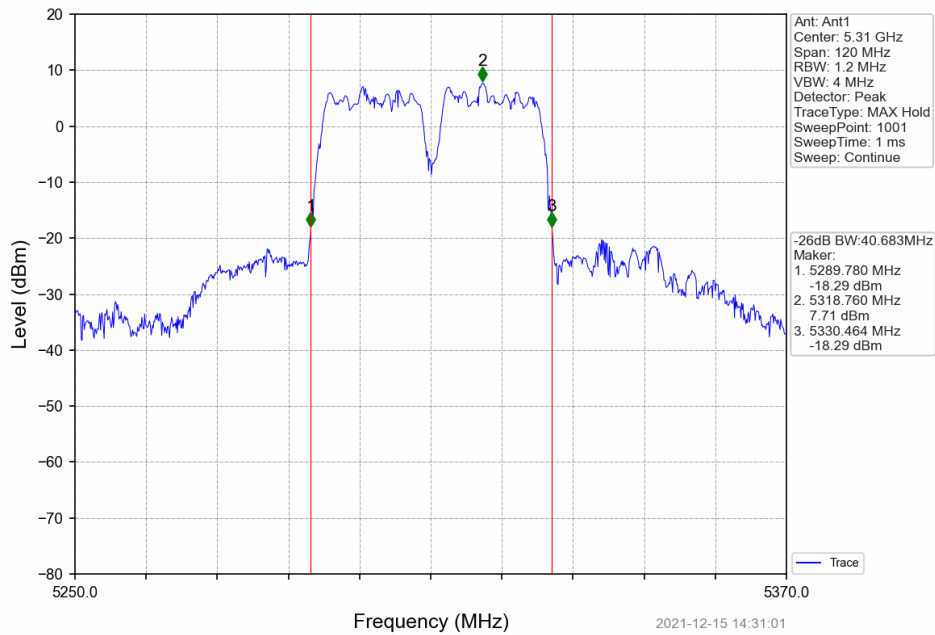
802.11n(HT40) HCH 5230MHz Ant1 NTN



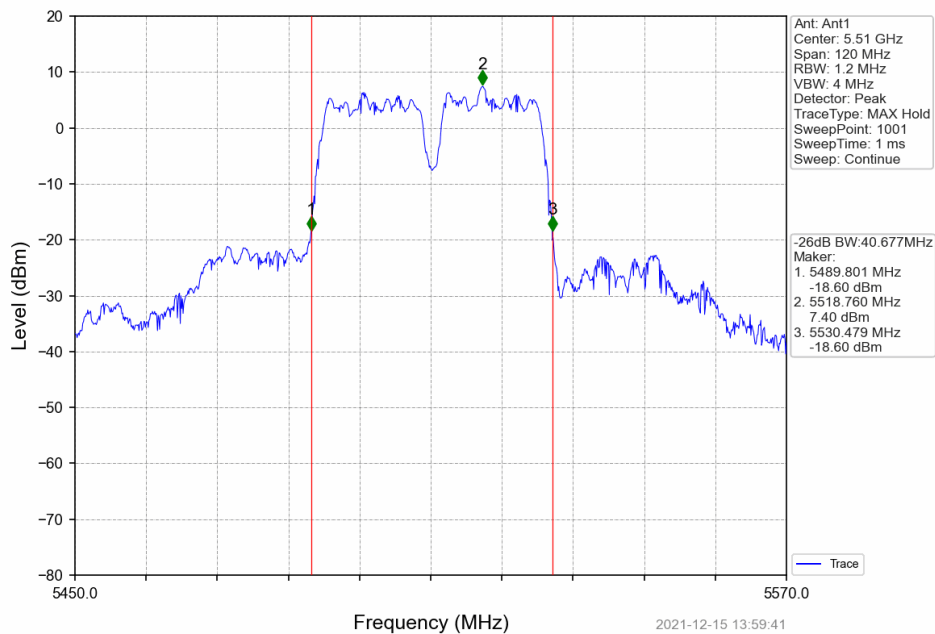
802.11n(HT40) LCH 5270MHz Ant1 NTN



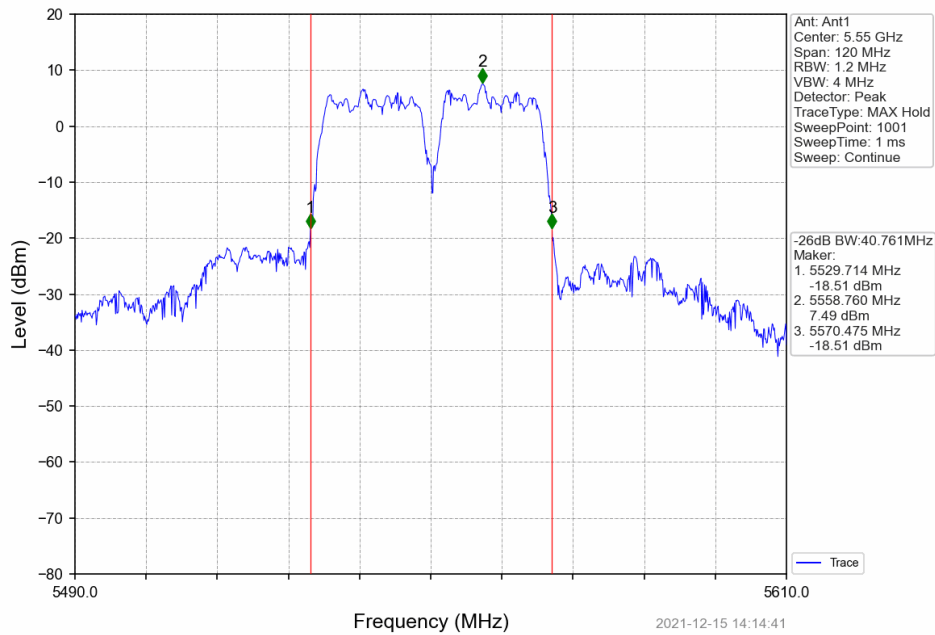
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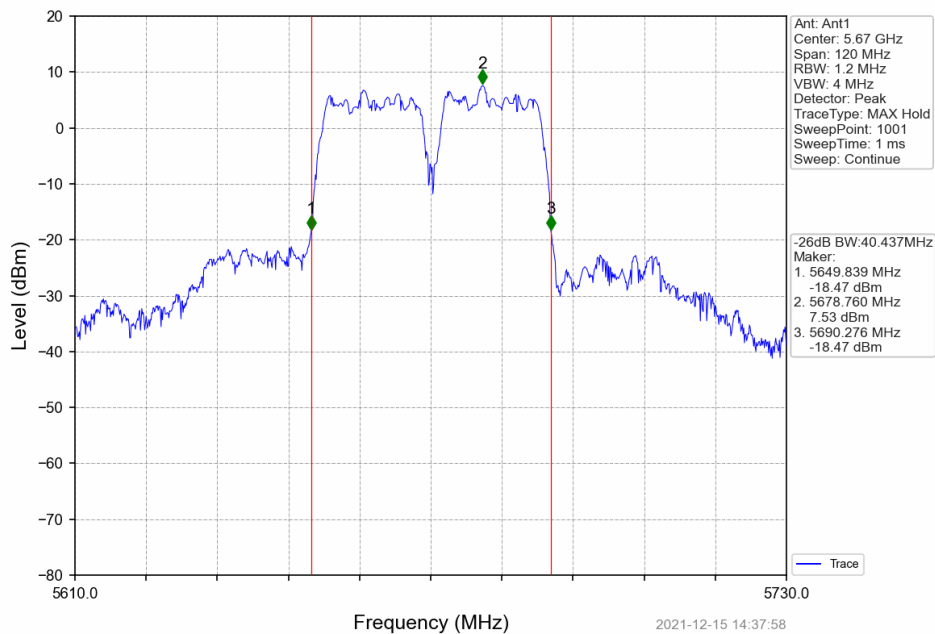
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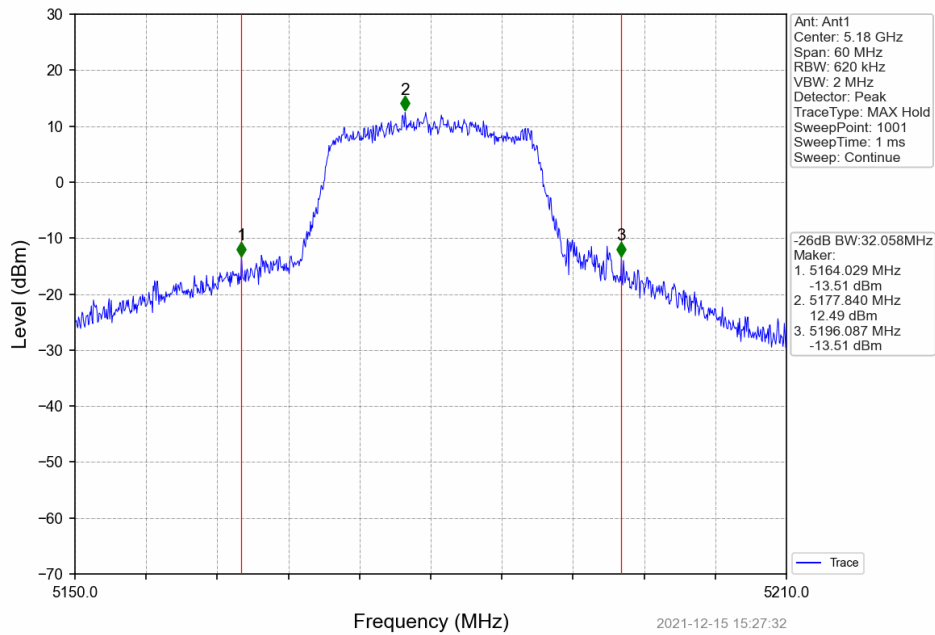
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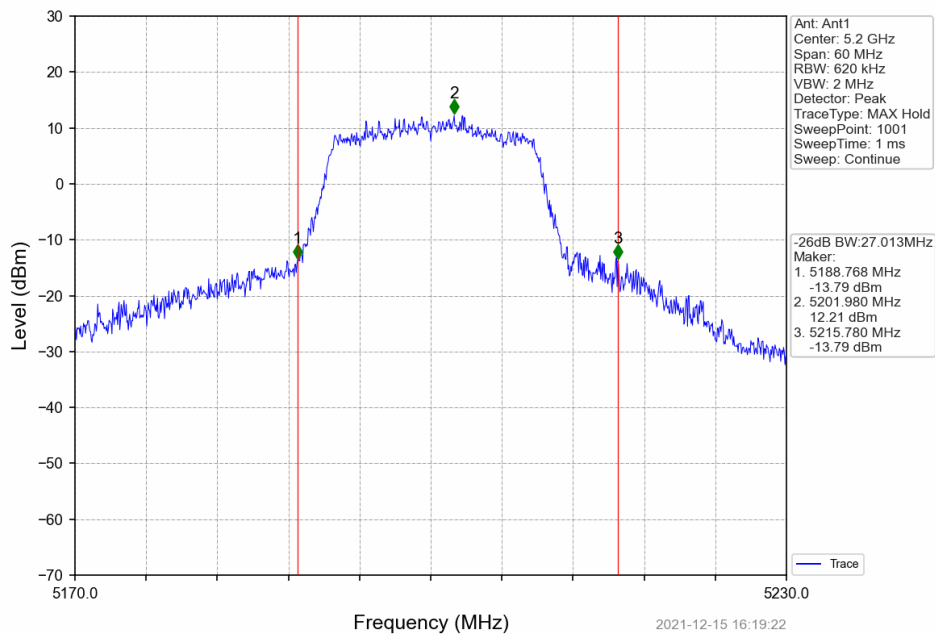
802.11n(HT40) HCH 5670MHz Ant1 NTN



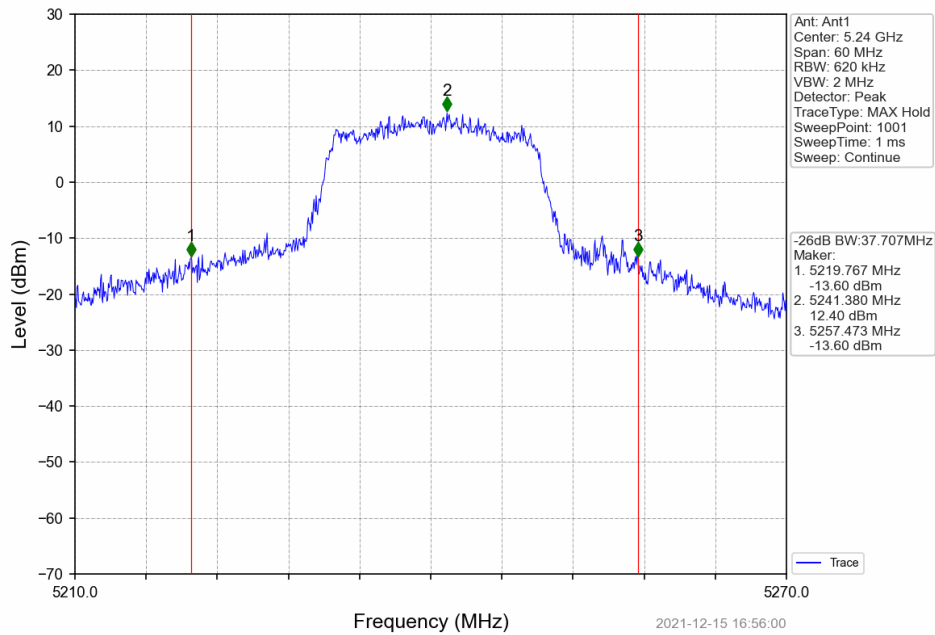
802.11ac(VHT20) LCH 5180MHz Ant1 NTNV



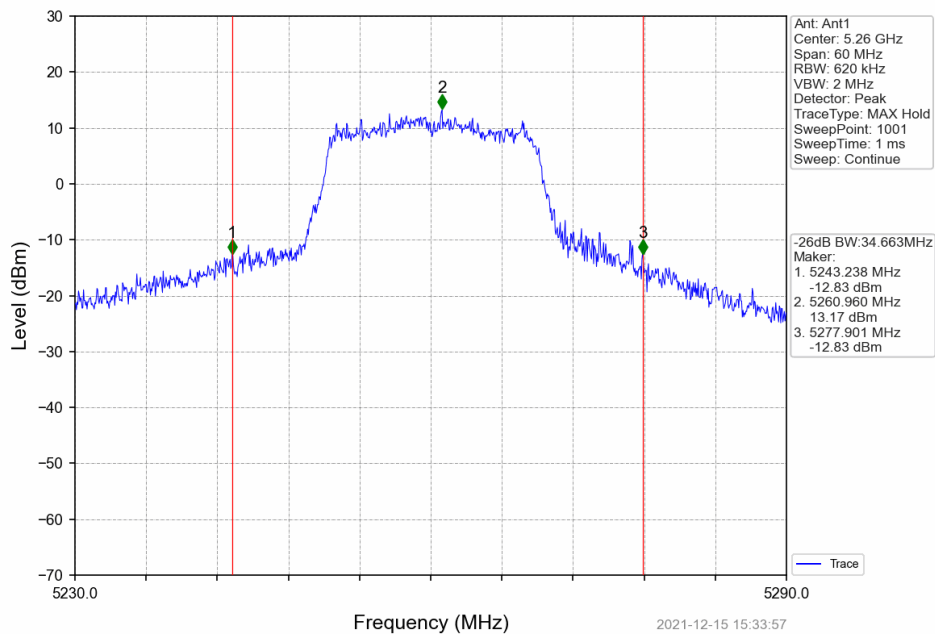
802.11ac(VHT20) MCH 5200MHz Ant1 NTNV



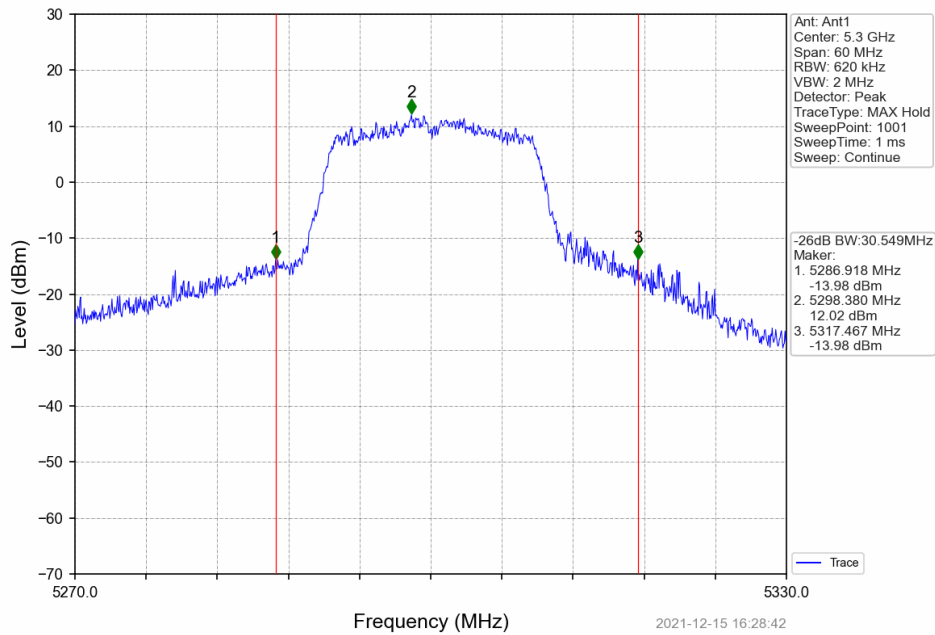
802.11ac(VHT20)_HCH 5240MHz_Ant1_NTNV



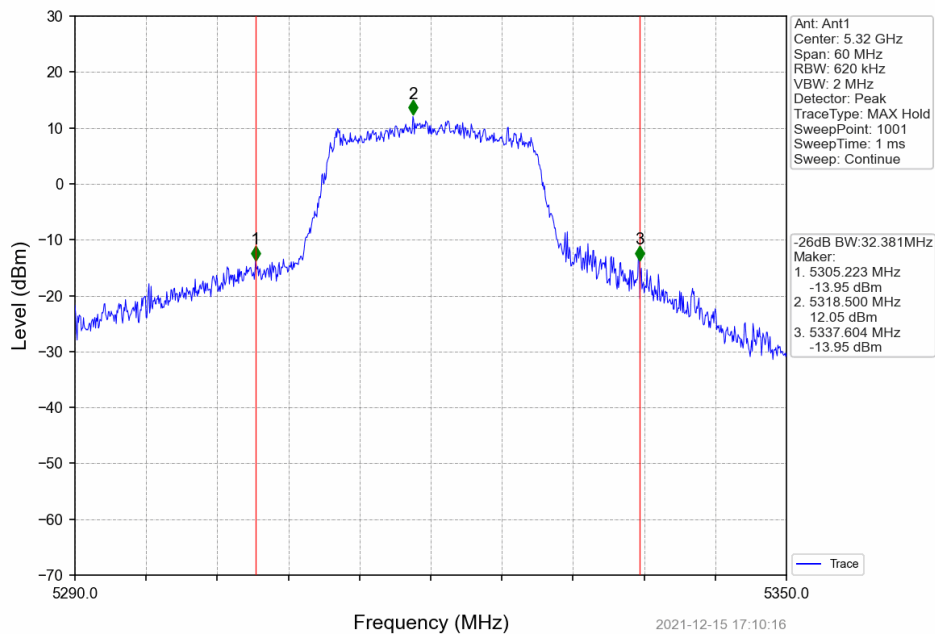
802.11ac(VHT20)_LCH 5260MHz_Ant1_NTNV



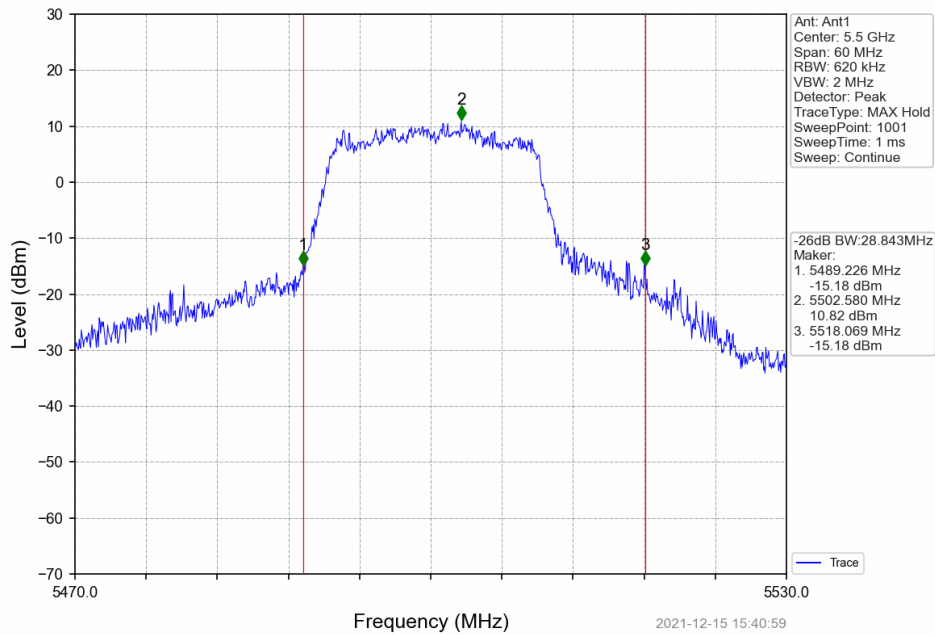
802.11ac(VHT20) MCH 5300MHz Ant1 NTVN



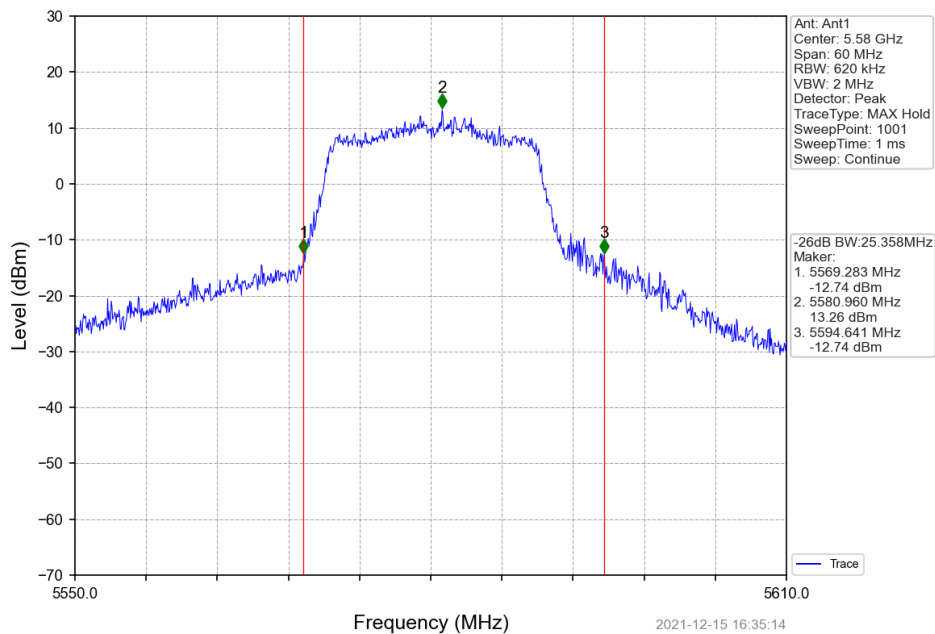
802.11ac(VHT20) HCH 5320MHz Ant1 NTVN



802.11ac(VHT20) LCH 5500MHz Ant1 NTNV



802.11ac(VHT20) MCH 5580MHz Ant1 NTNV

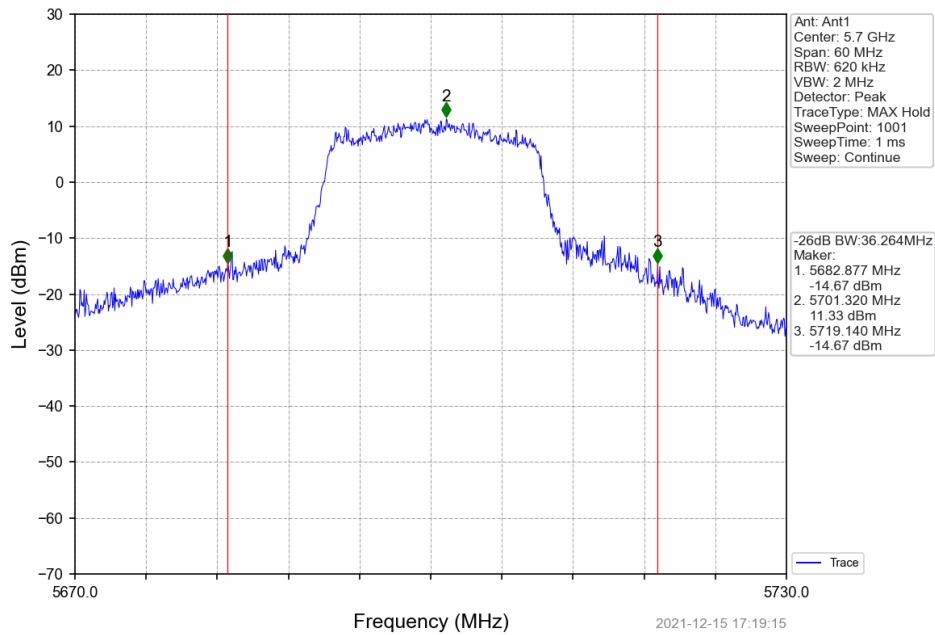


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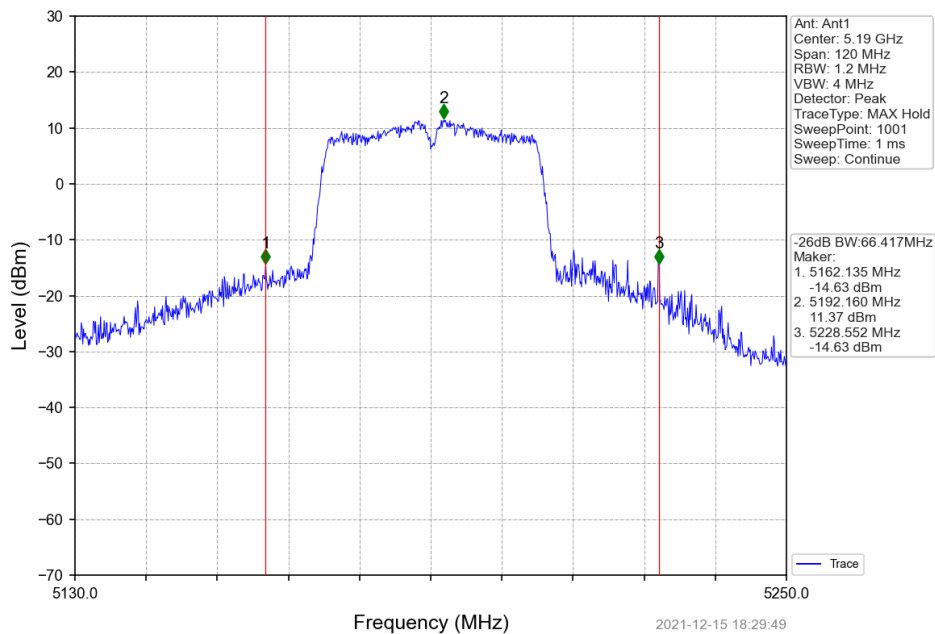
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802.11ac(VHT20) HCH 5700MHz Ant1 NTNV



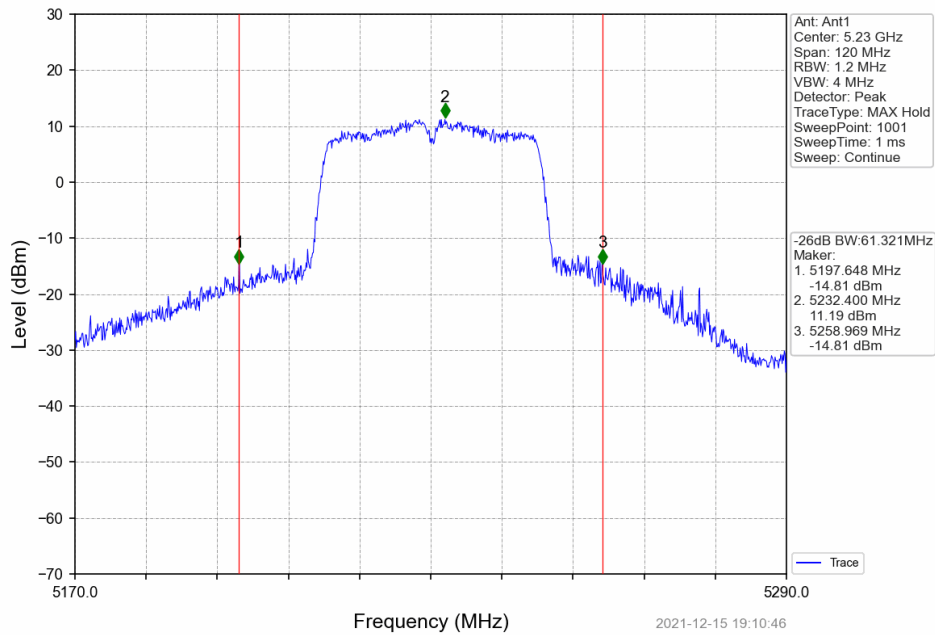
802.11ac(VHT40) LCH 5190MHz Ant1 NTNV



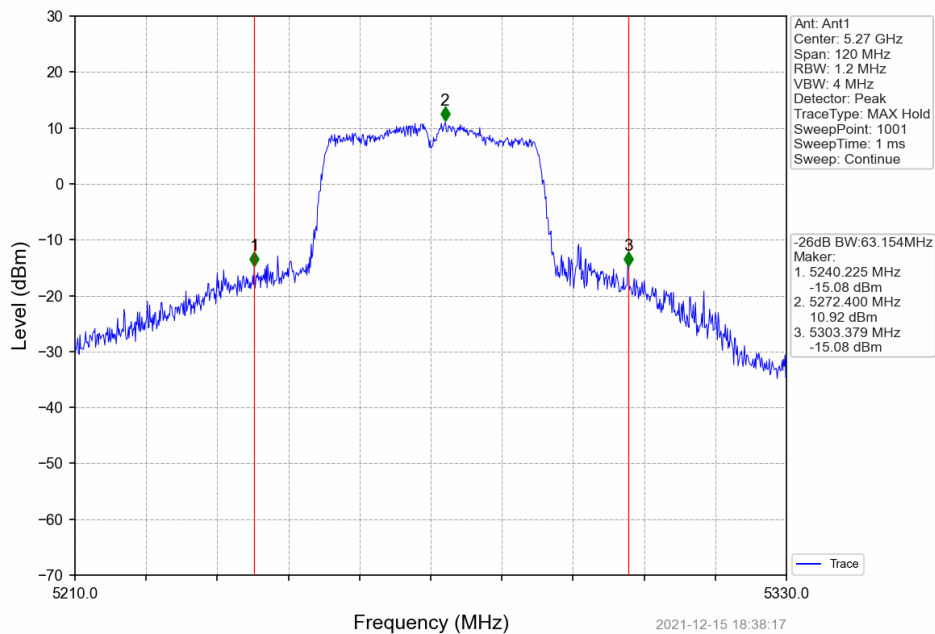
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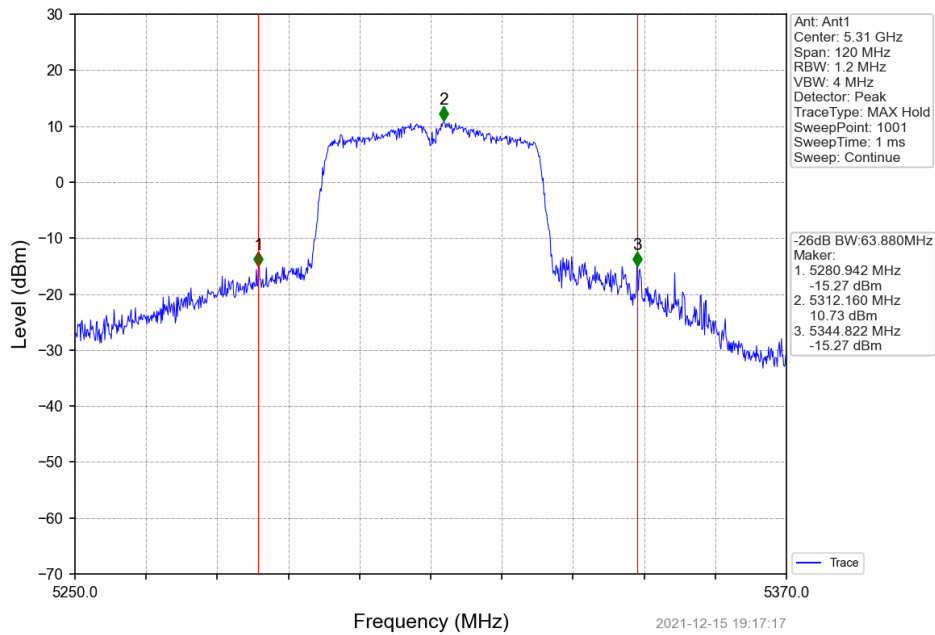
802.11ac(VHT40)_HCH 5230MHz_Ant1_NTNV



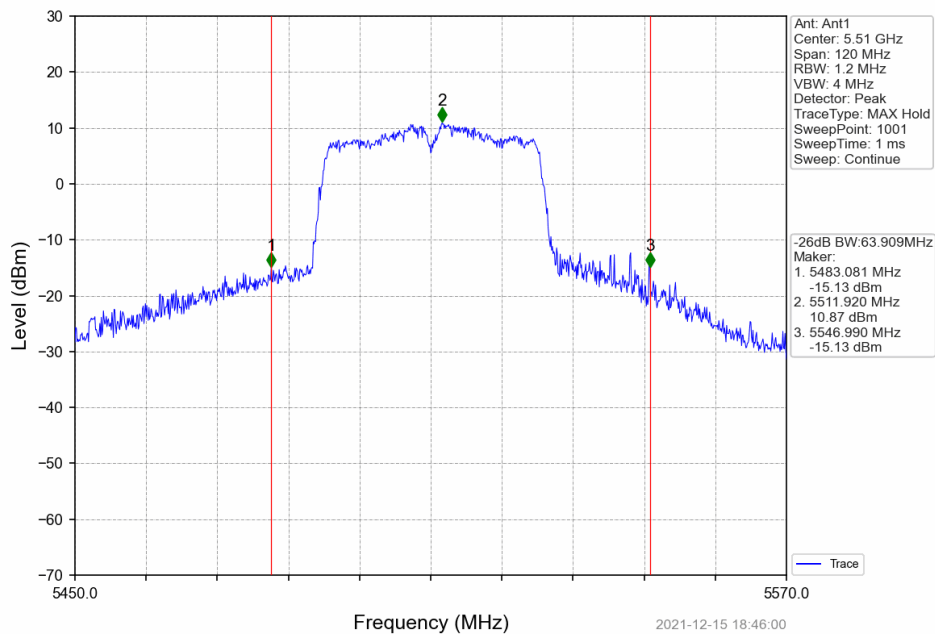
802.11ac(VHT40)_LCH 5270MHz_Ant1_NTNV



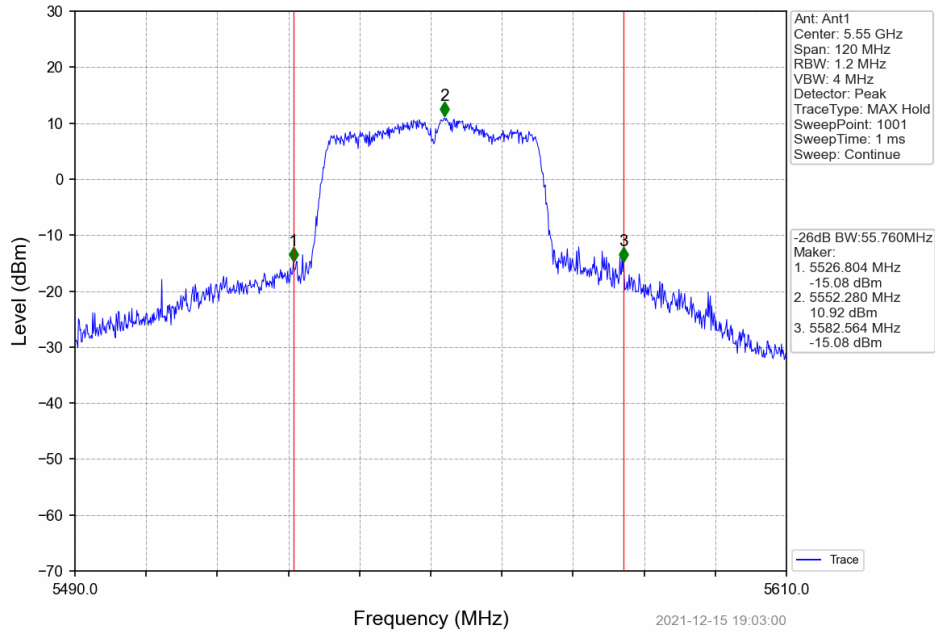
802.11ac(VHT40)_HCH 5310MHz_Ant1_NTNV



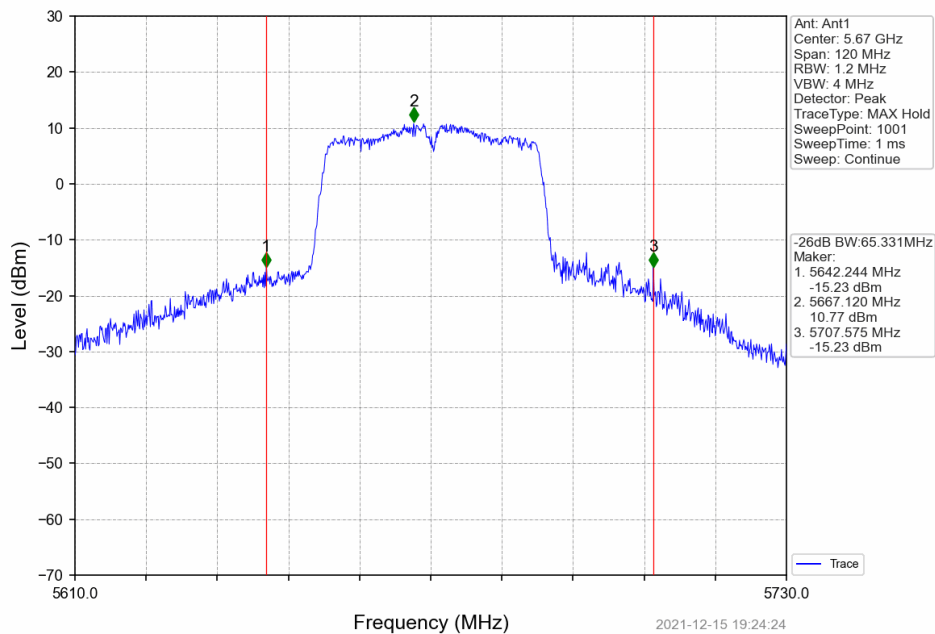
802.11ac(VHT40)_LCH 5510MHz_Ant1_NTNV



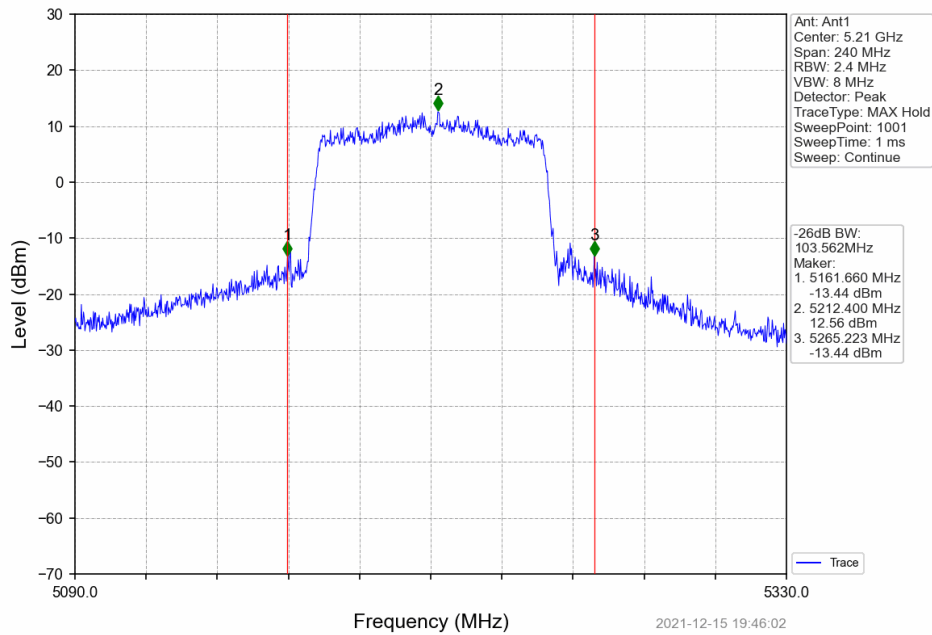
802.11ac(VHT40) MCH 5550MHz Ant1 NTNV



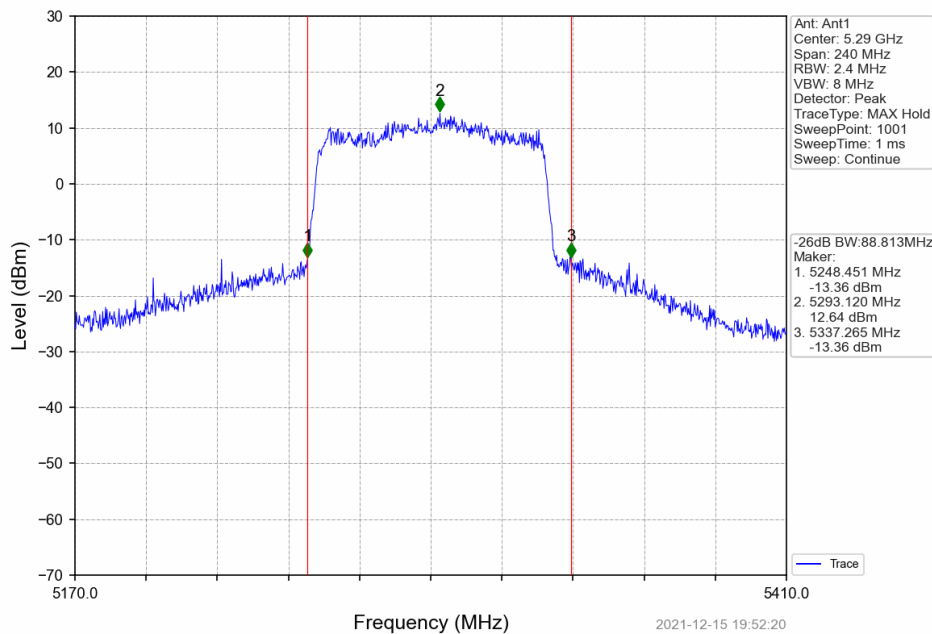
802.11ac(VHT40) HCH 5670MHz Ant1 NTNV



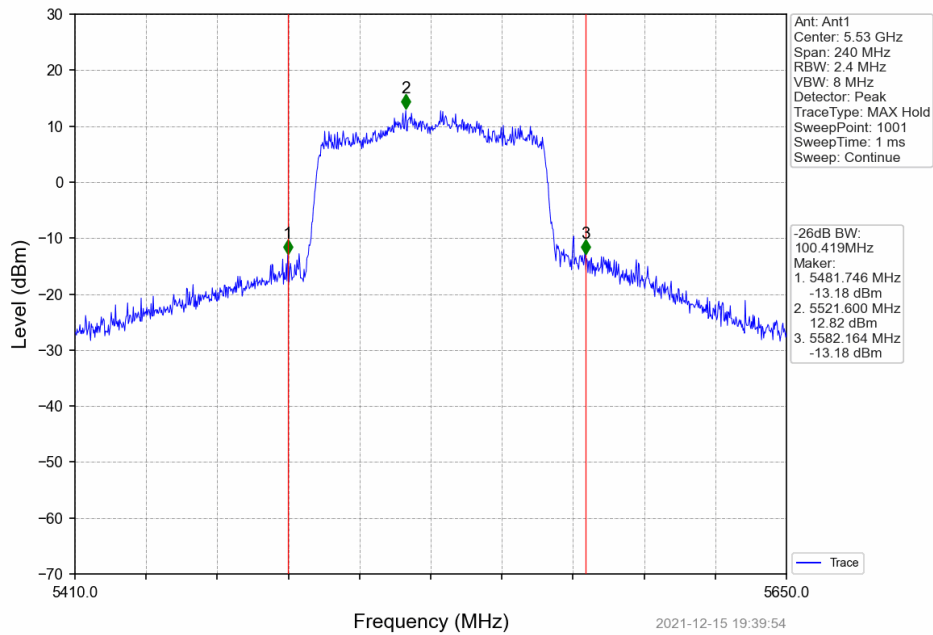
802.11ac(VHT80) MCH 5210MHz Ant1 NTVN



802.11ac(VHT80) MCH 5290MHz Ant1 NTVN



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.

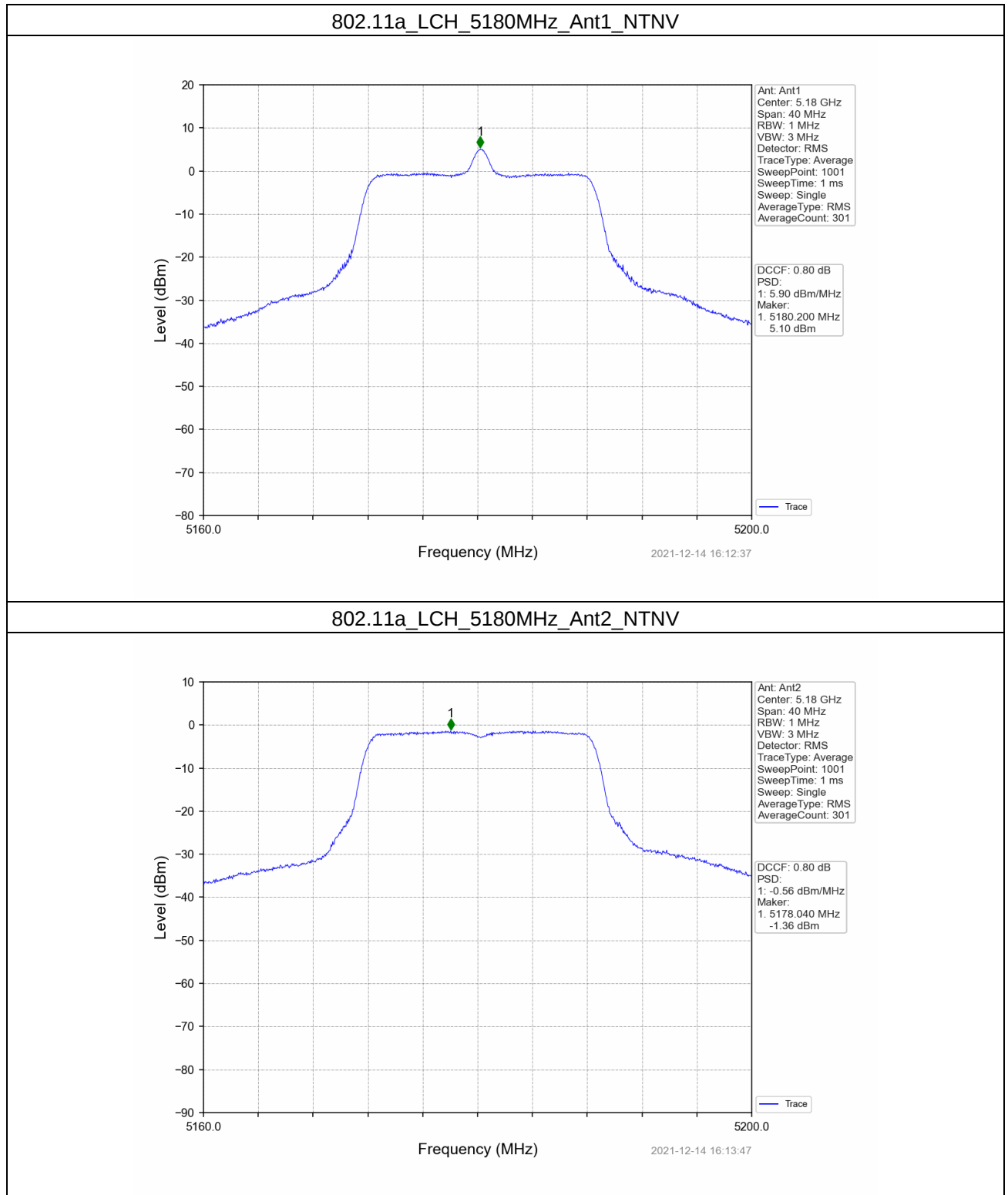
The Duty Cycle Factor is compensated in the test result.



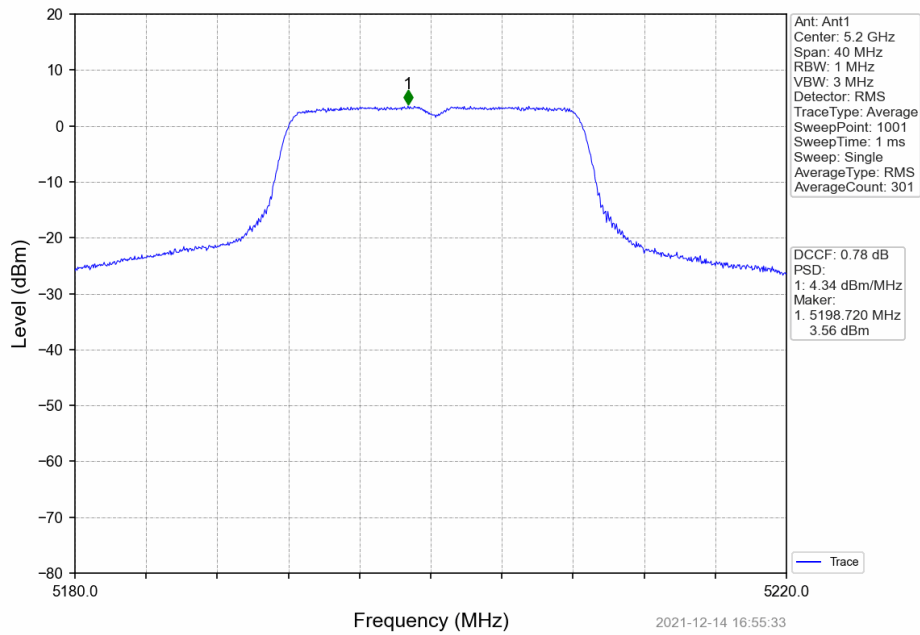
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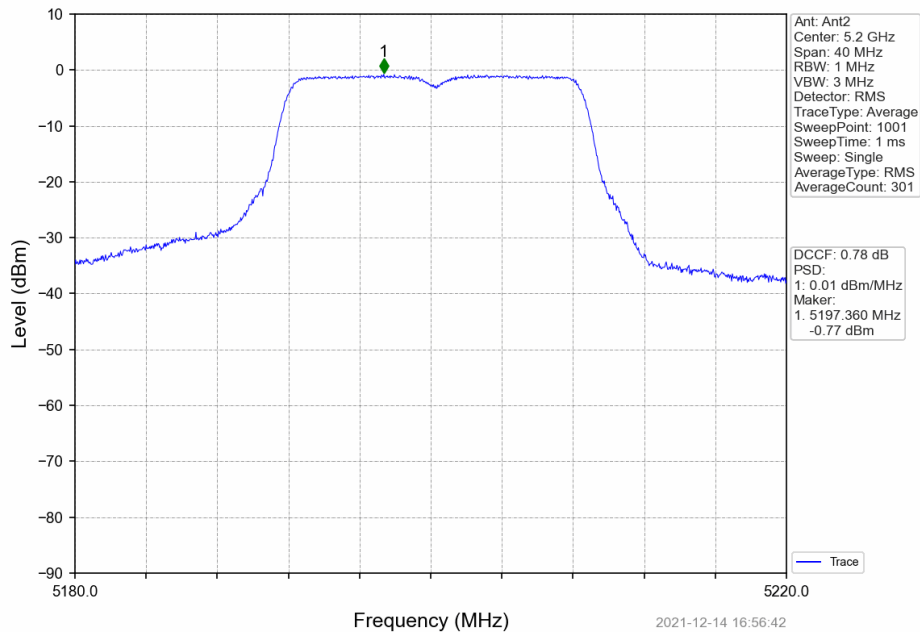
4.1.2 Test Graph



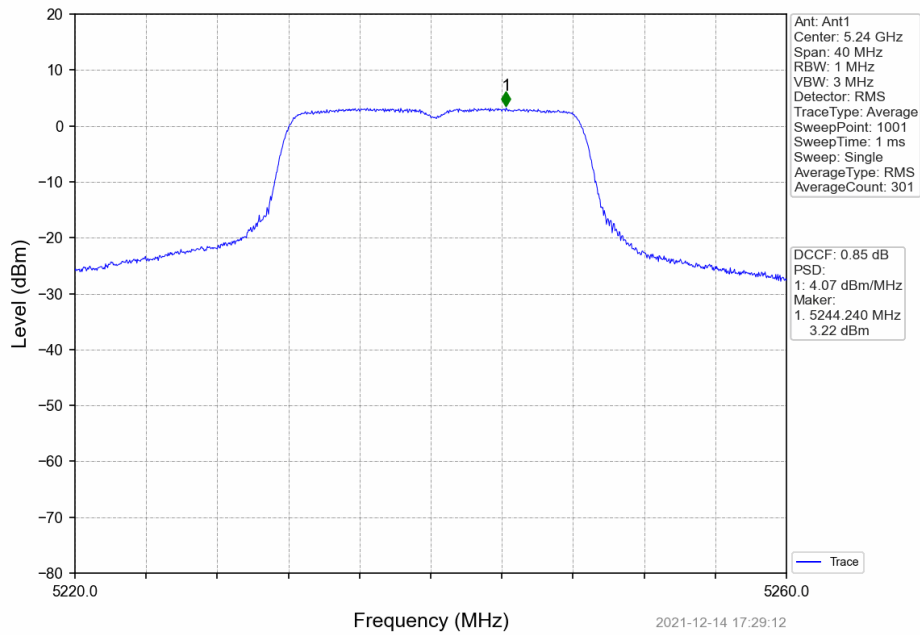
802.11a_MCH_5200MHz_Ant1_NTNV



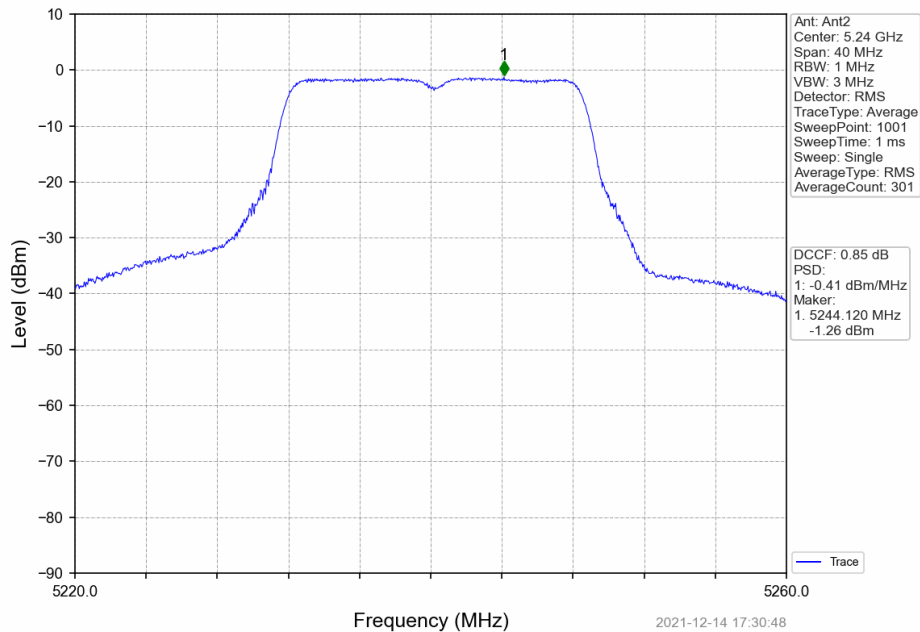
802.11a_MCH_5200MHz_Ant2_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

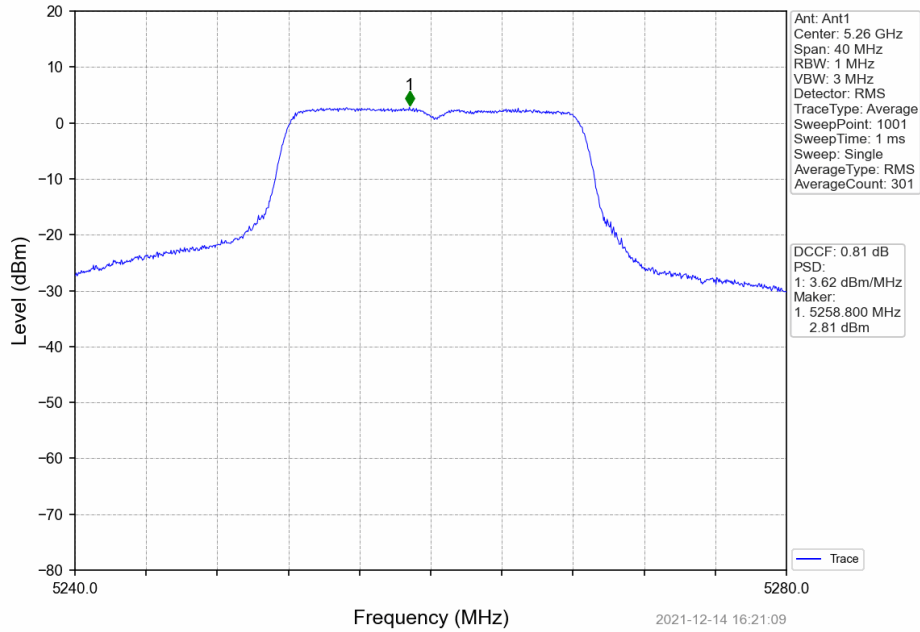


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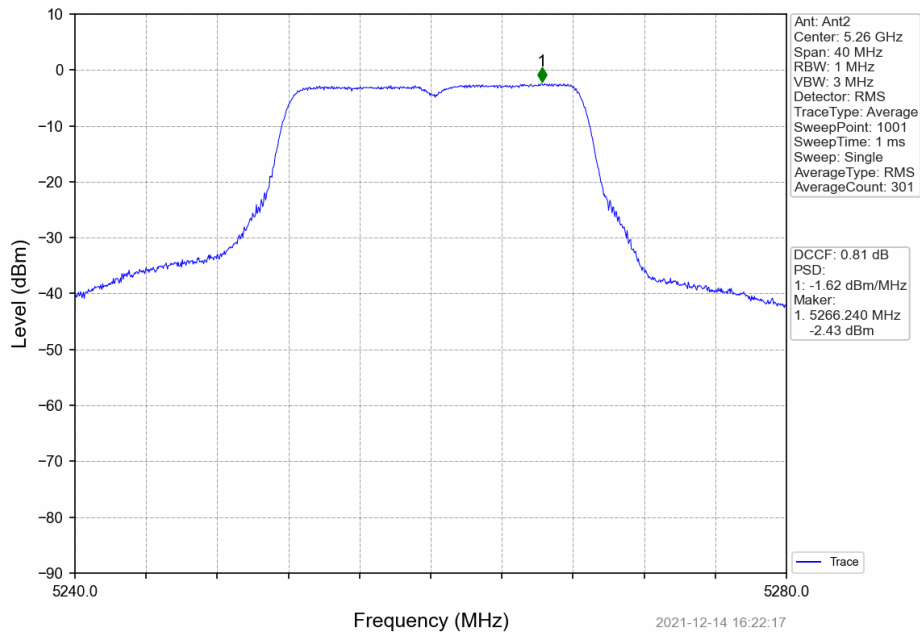


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802.11a_LCH_5260MHz_Ant1_NTNV

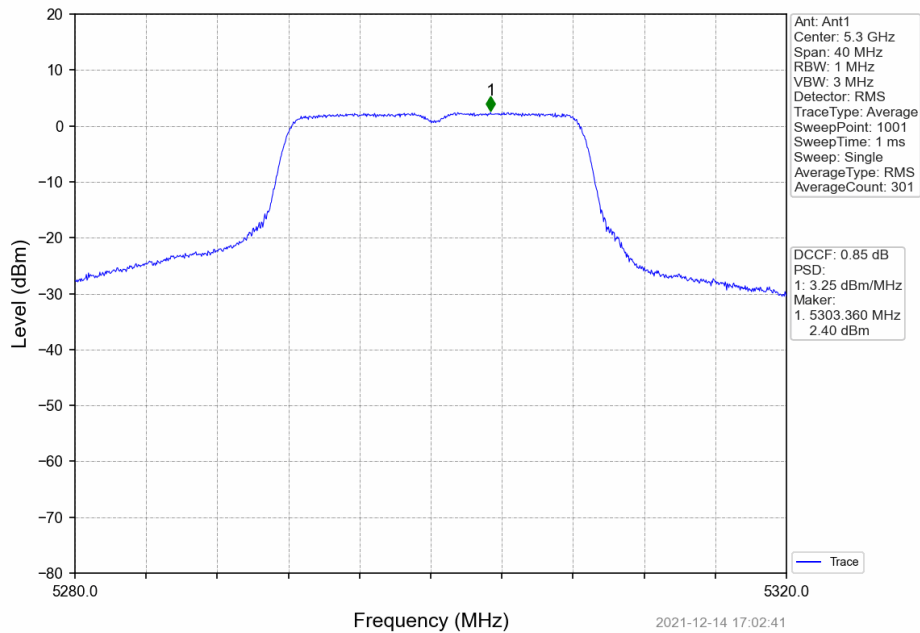


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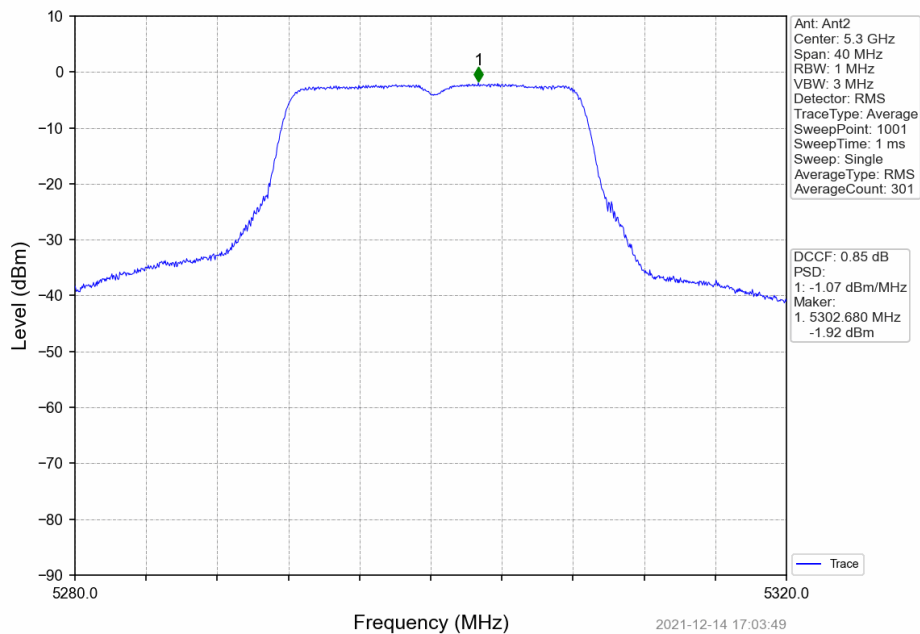


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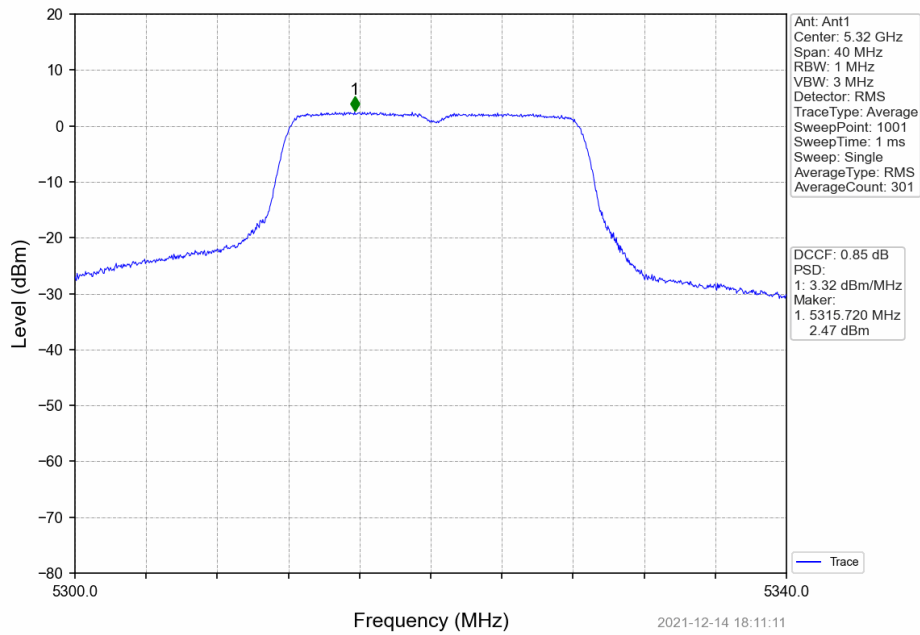
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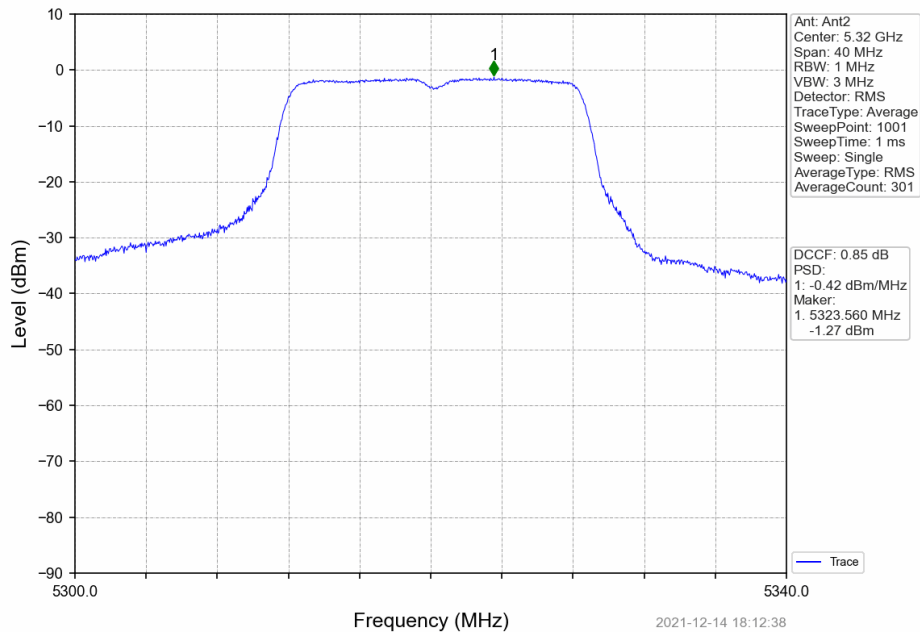
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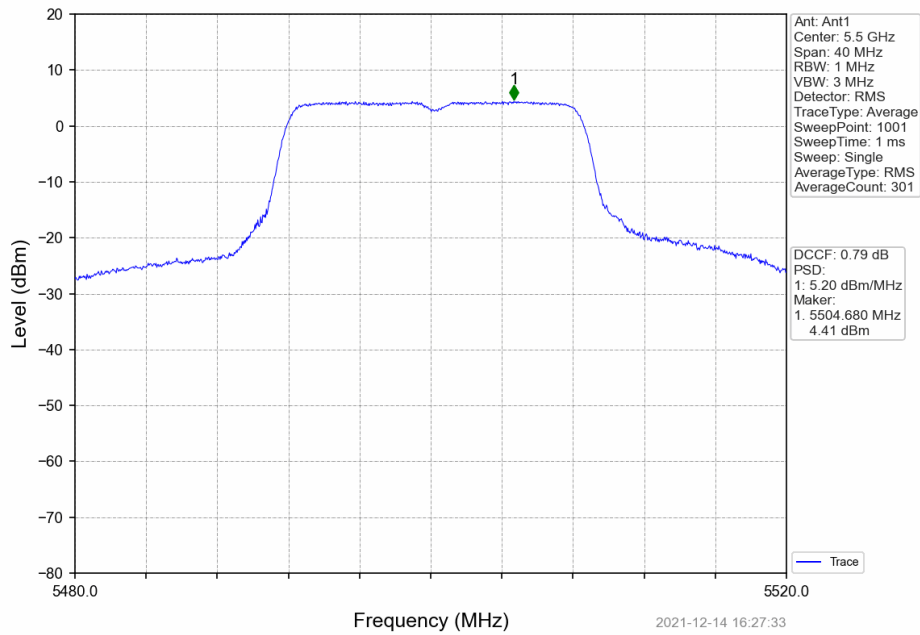
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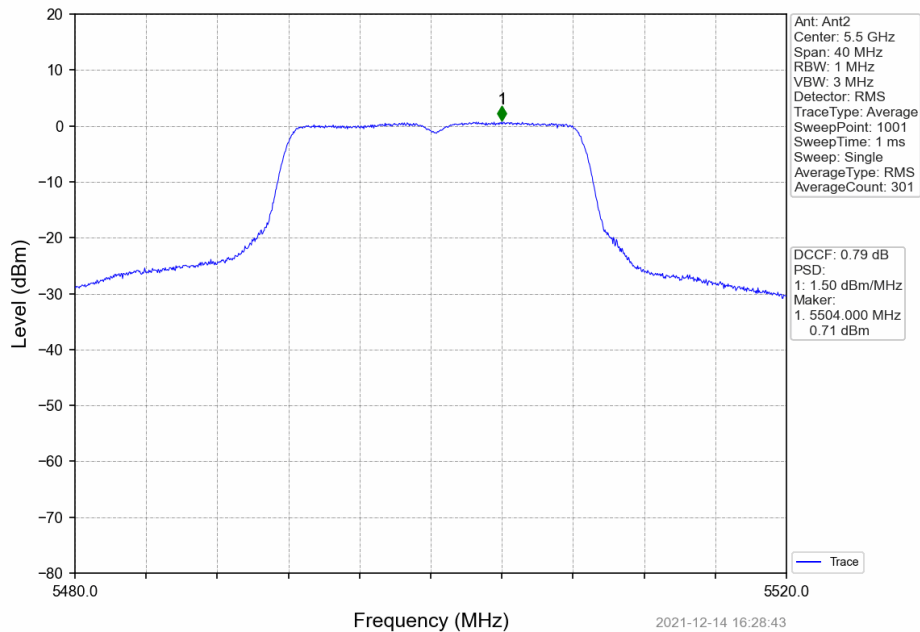
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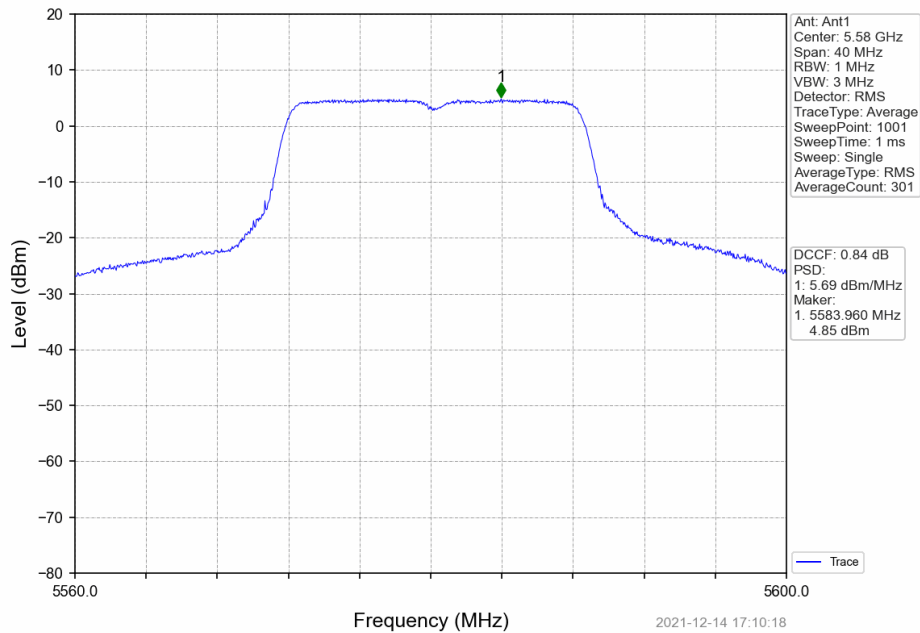
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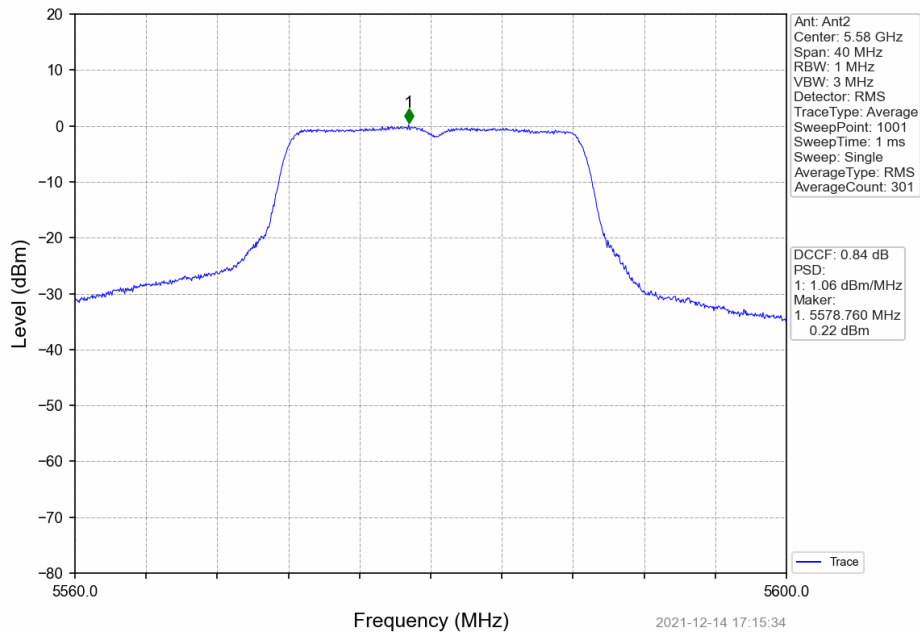
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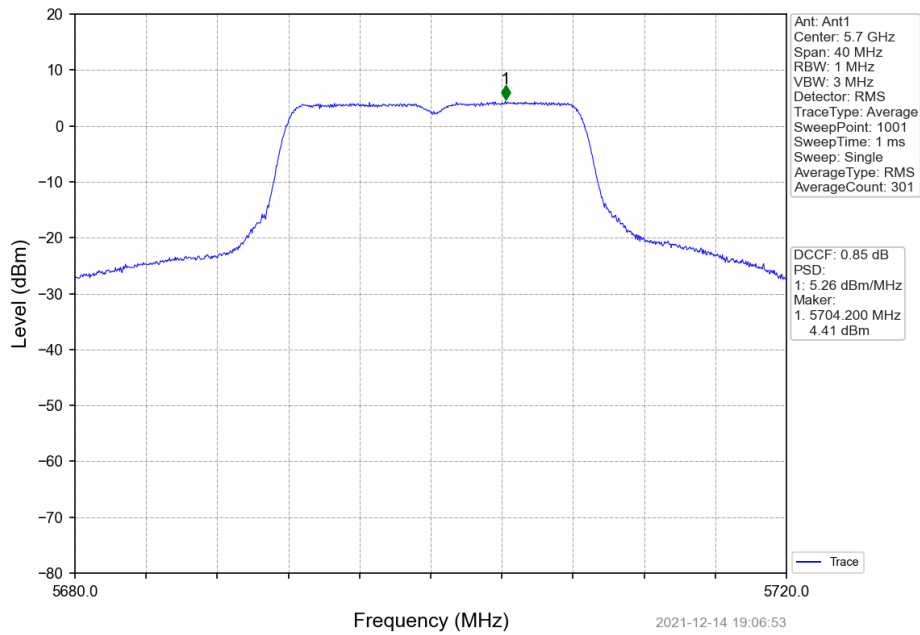
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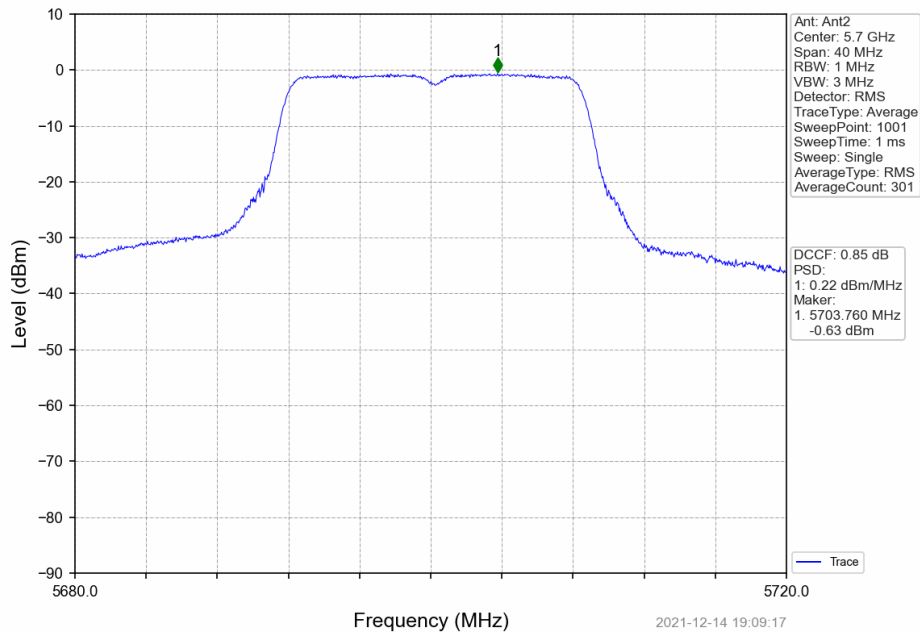
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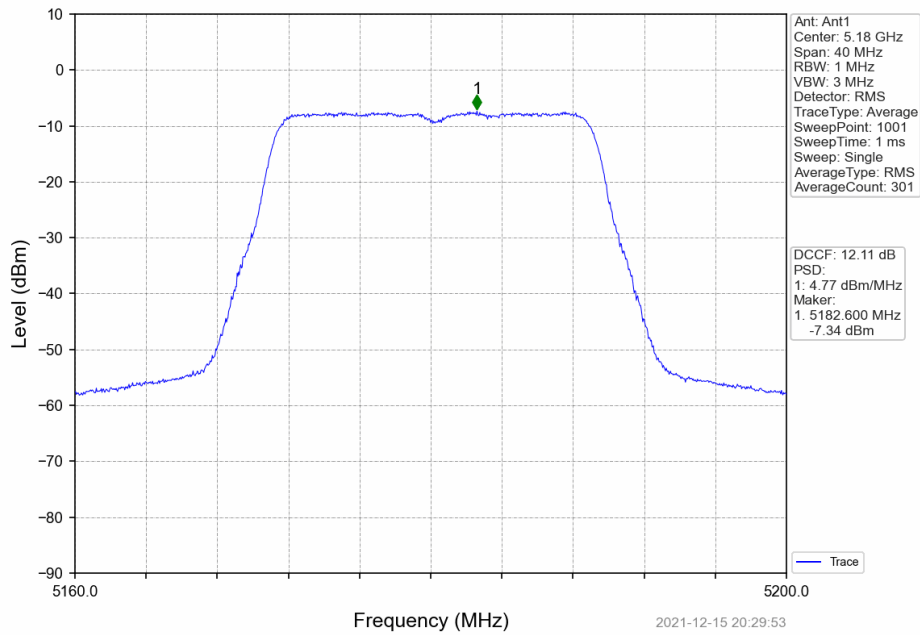
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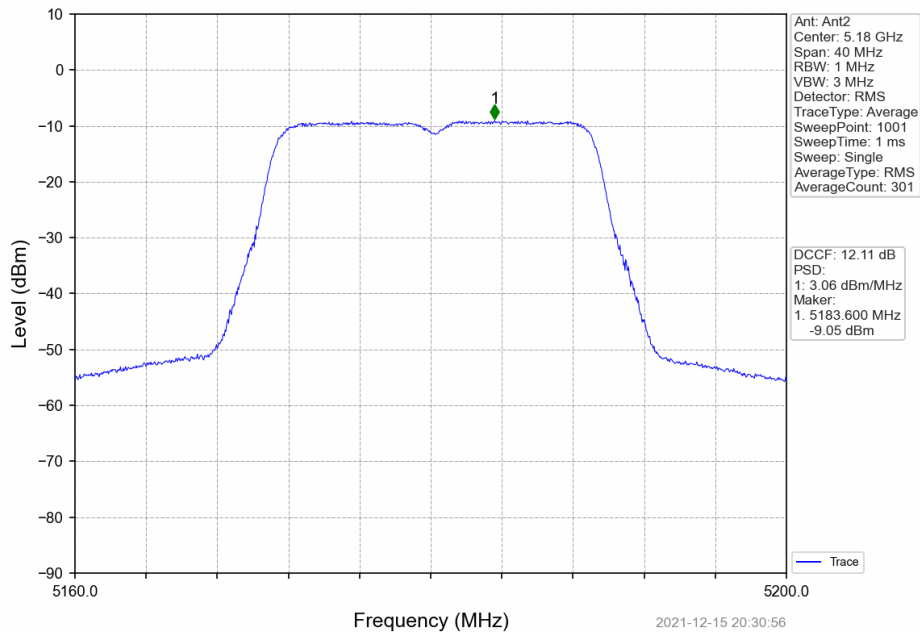
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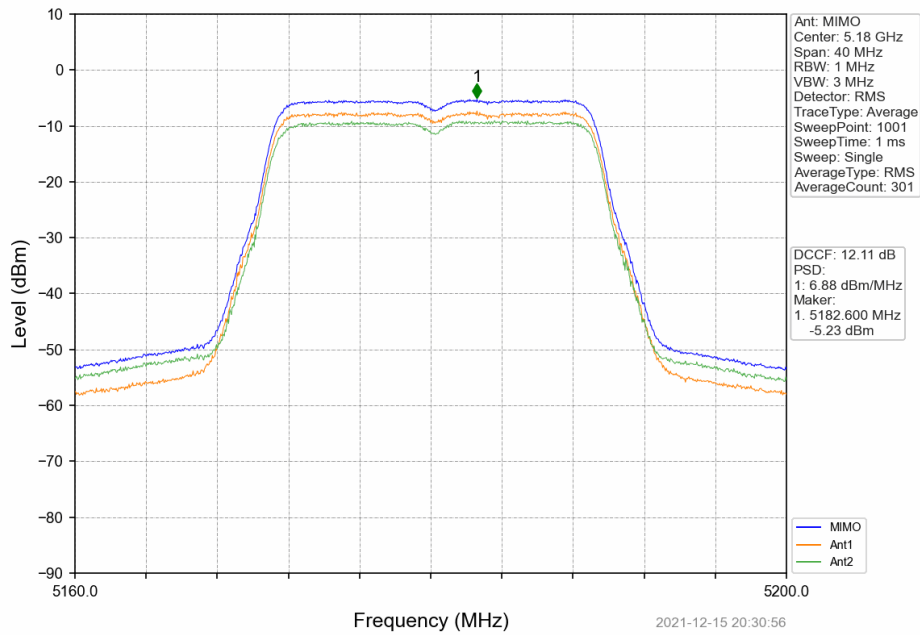
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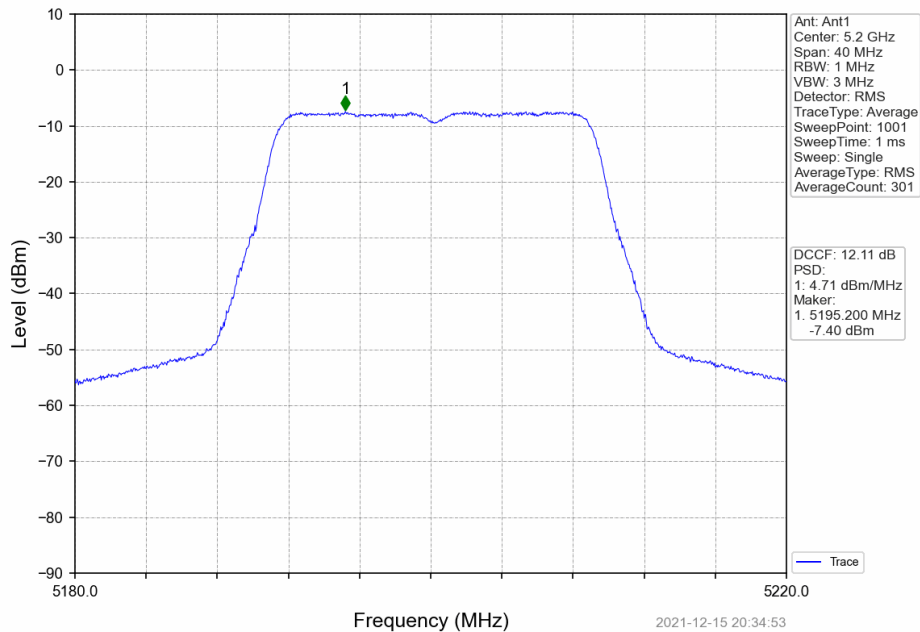
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802.11n(HT20)_LCH_5180MHz_MIMO_NTNV

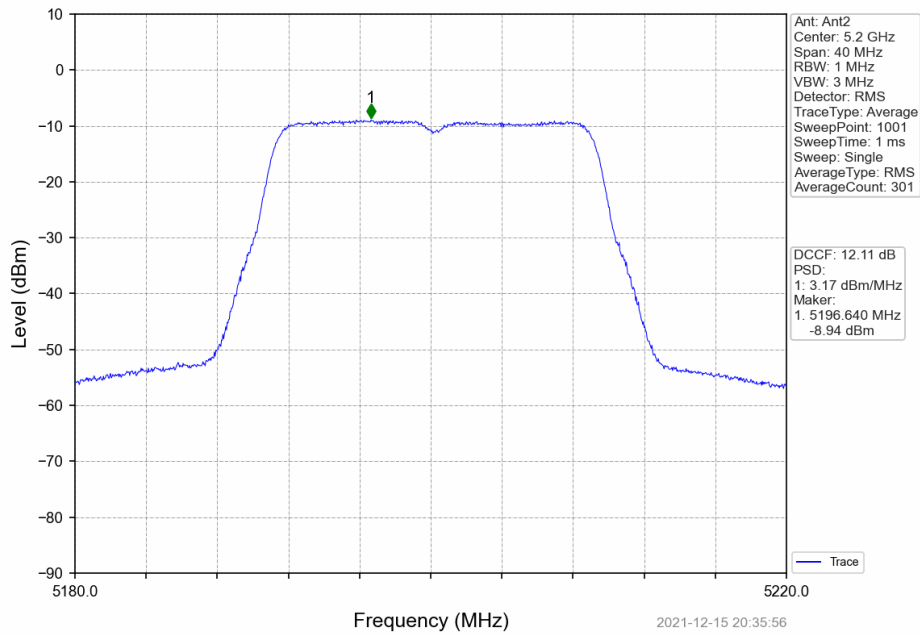


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

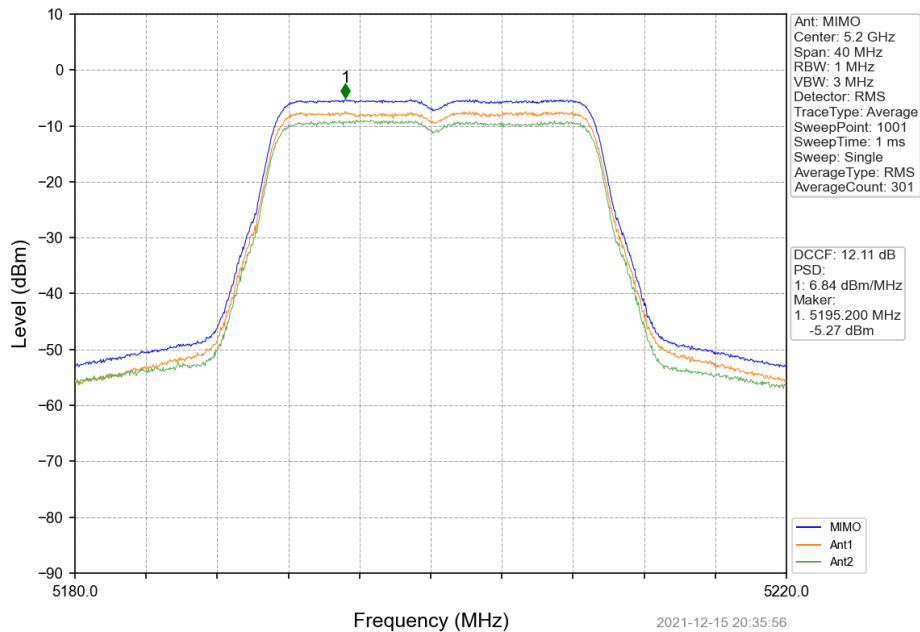


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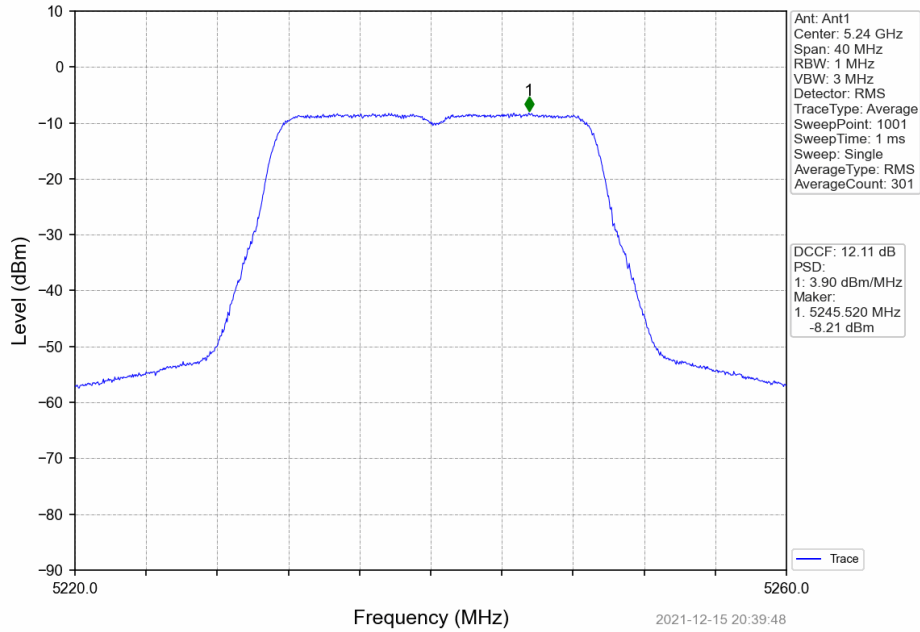
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



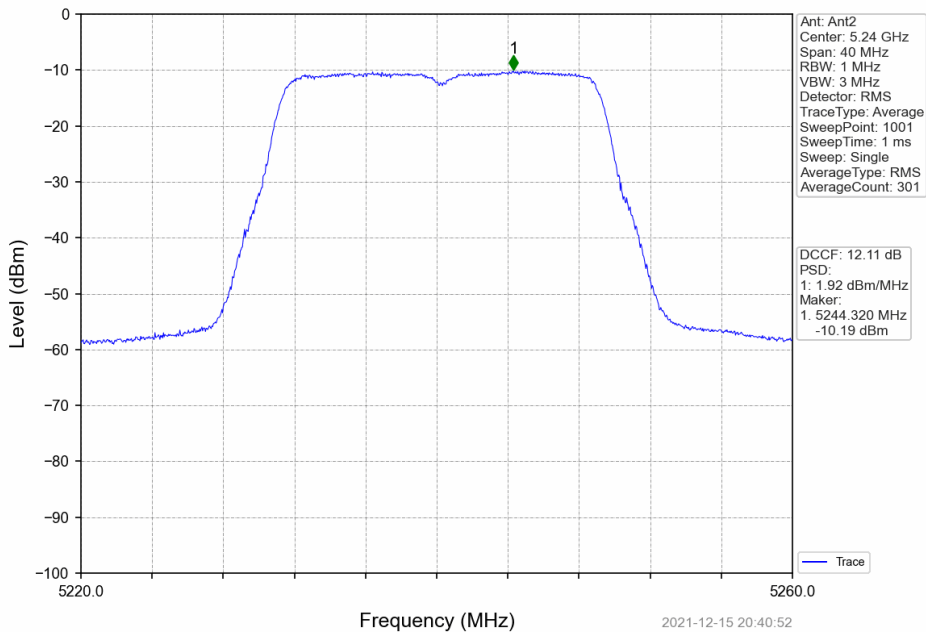
802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

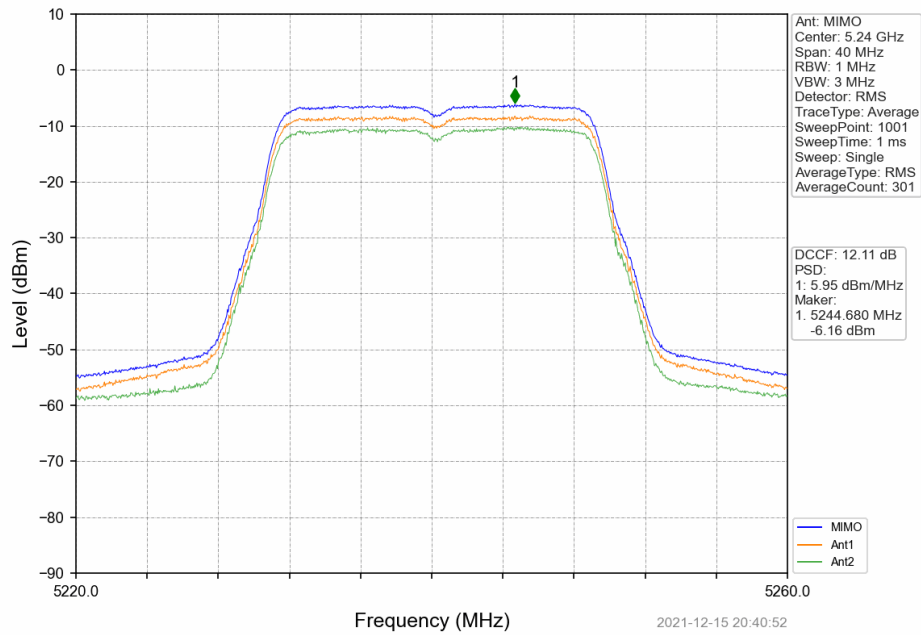


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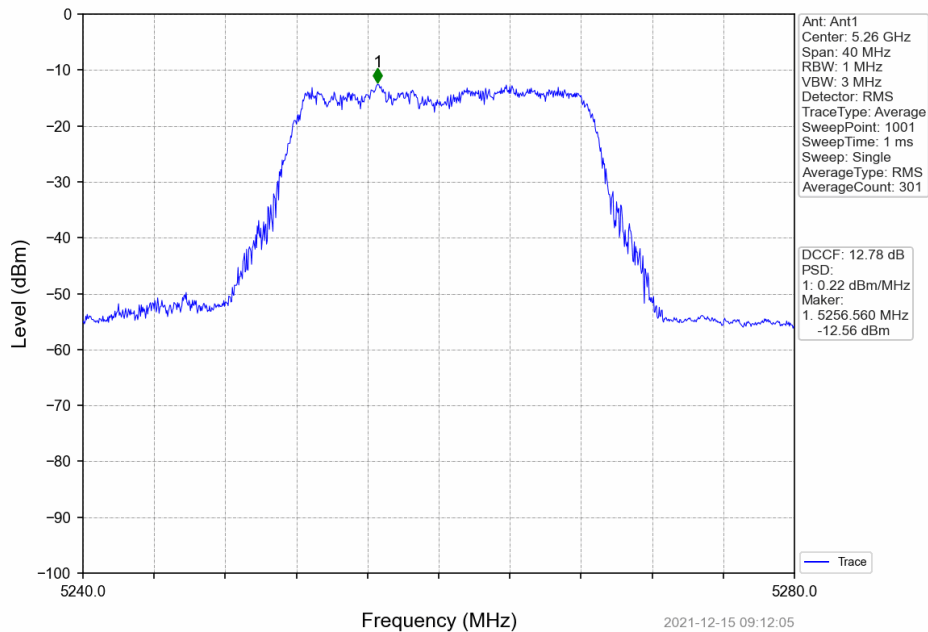
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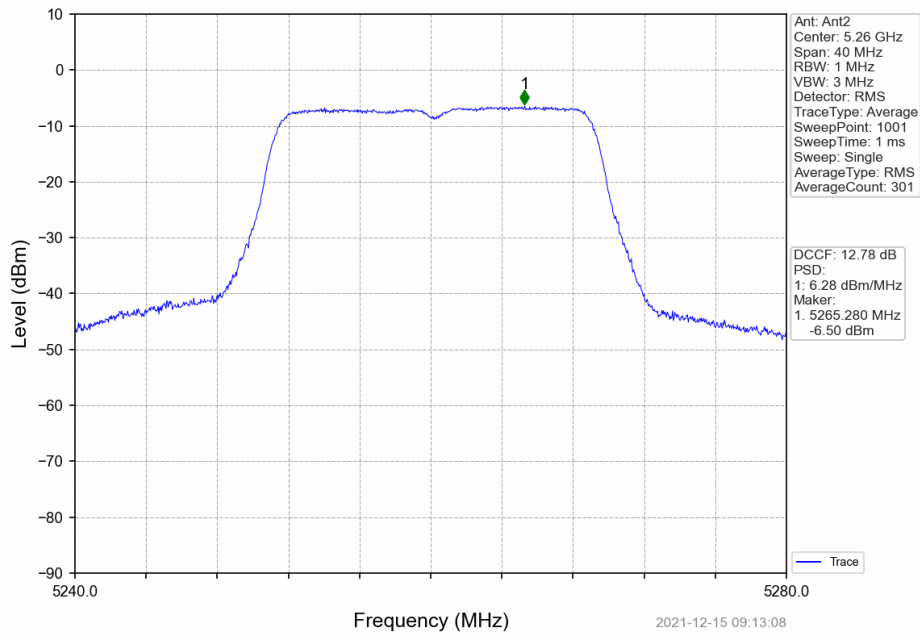
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



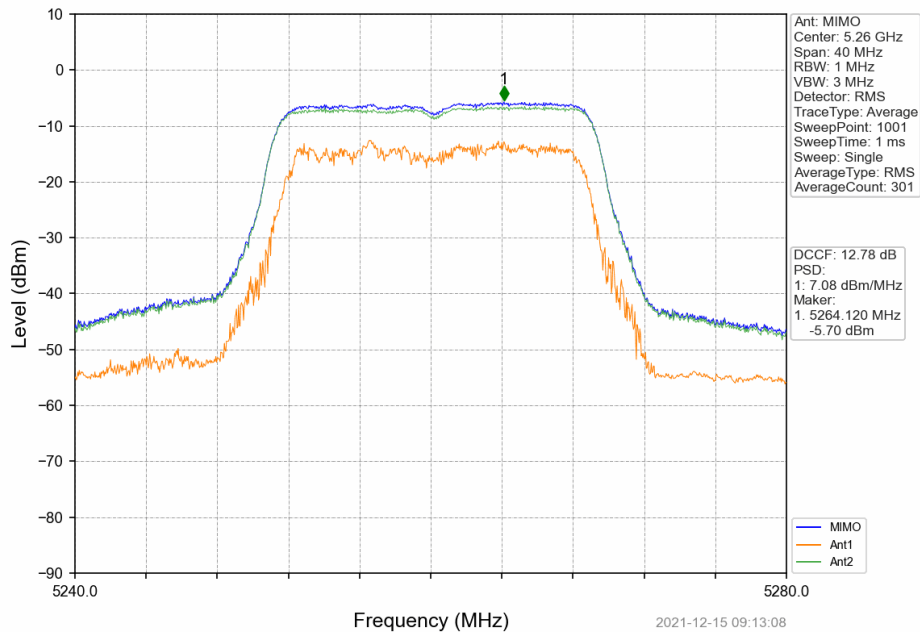
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant2_NTNV

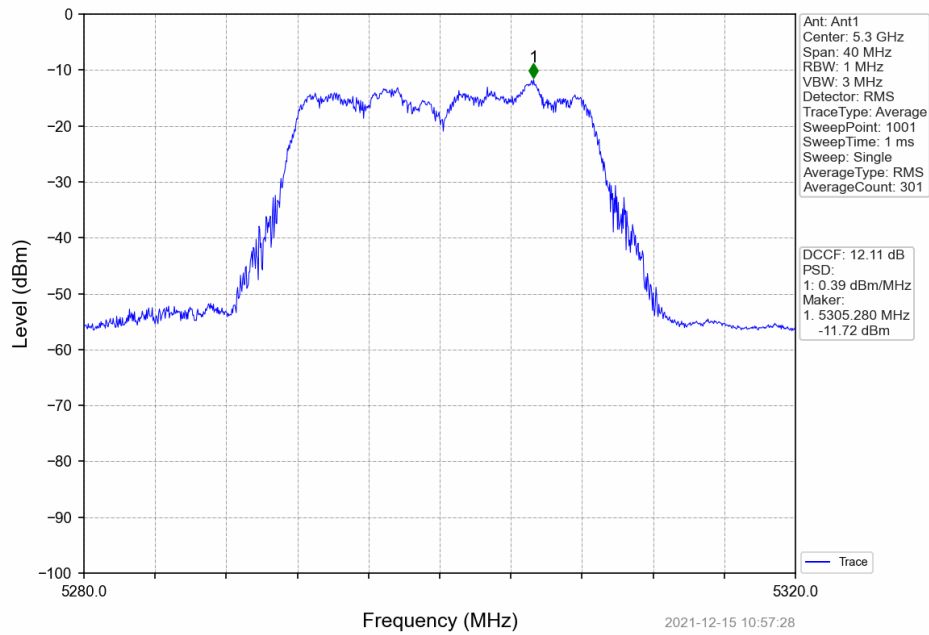


802.11n(HT20)_LCH_5260MHz_MIMO_NTNV

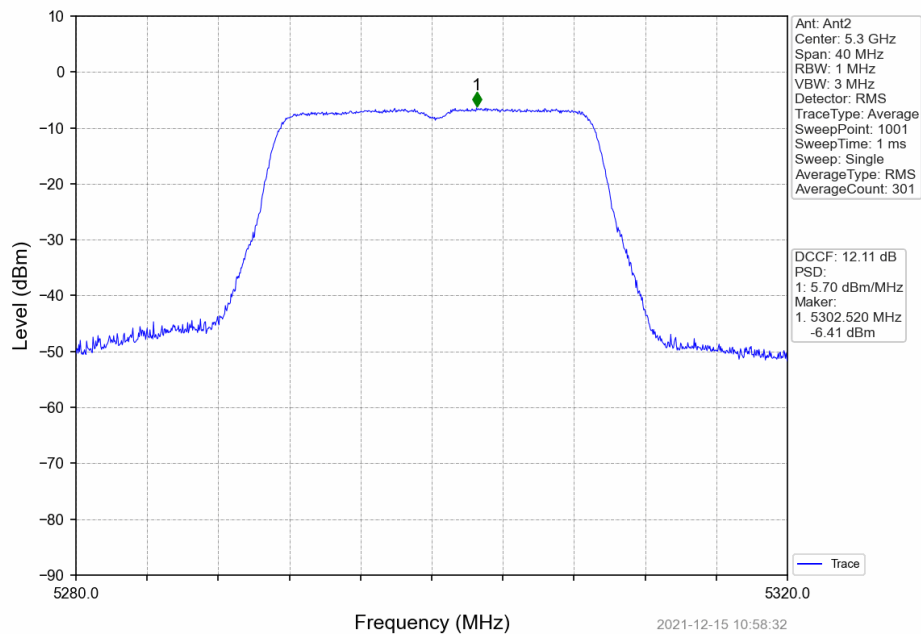


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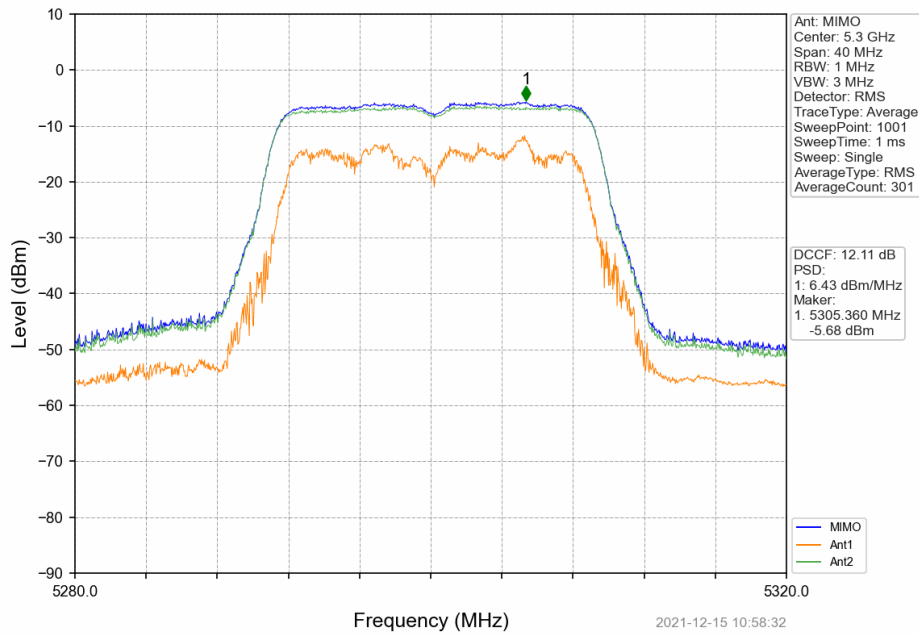
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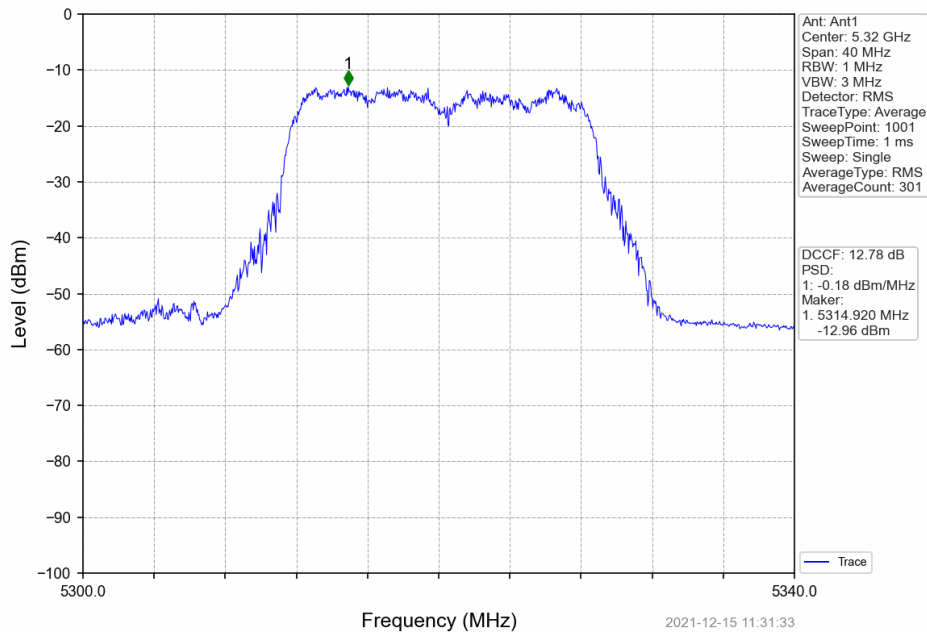
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802.11n(HT20)_MCH_5300MHz_MIMO_NTNV

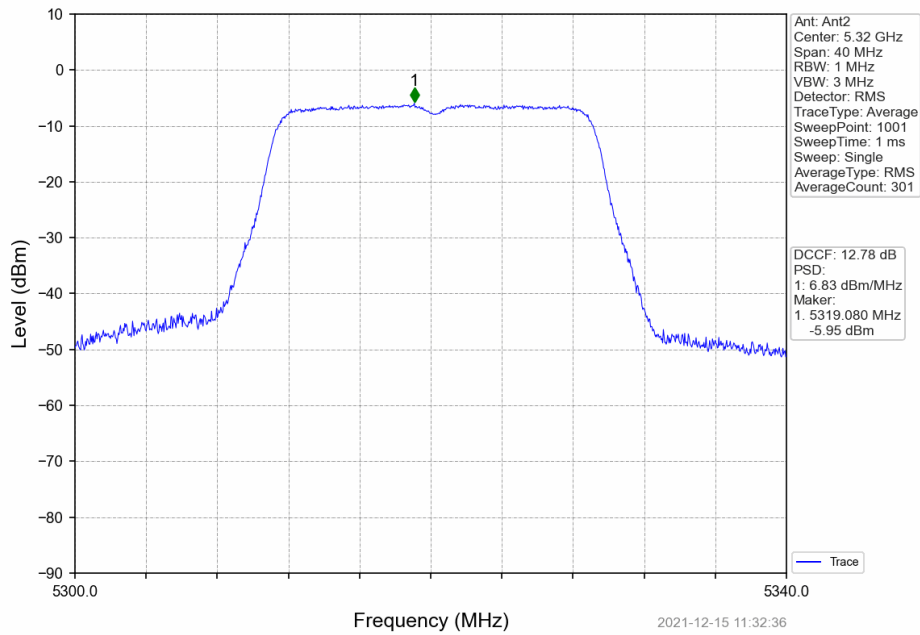


802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

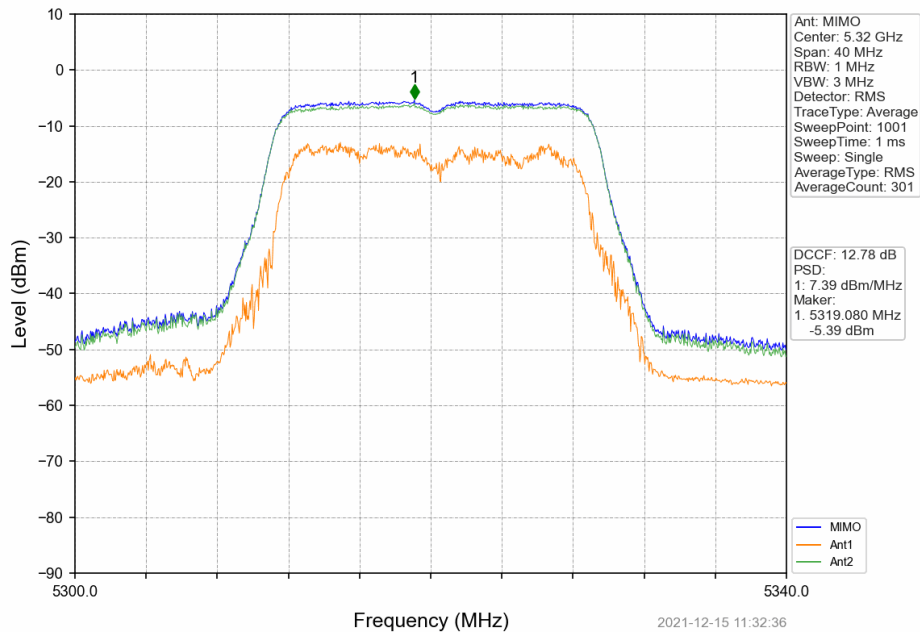


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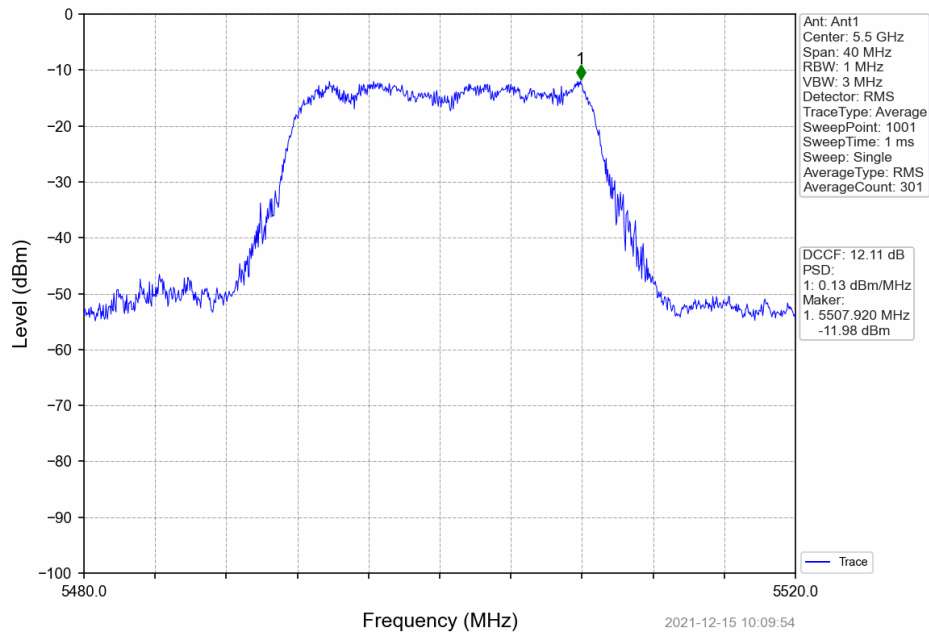
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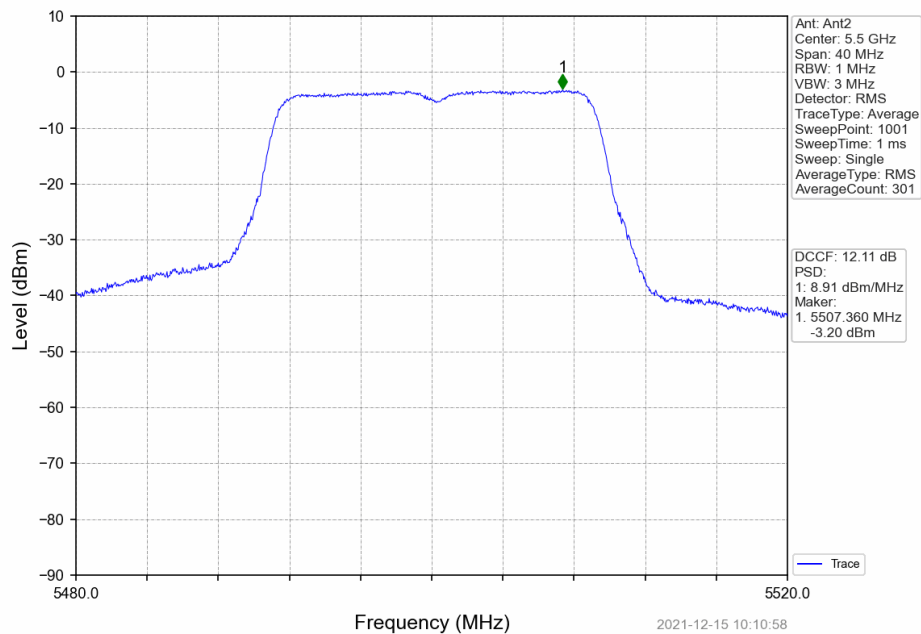
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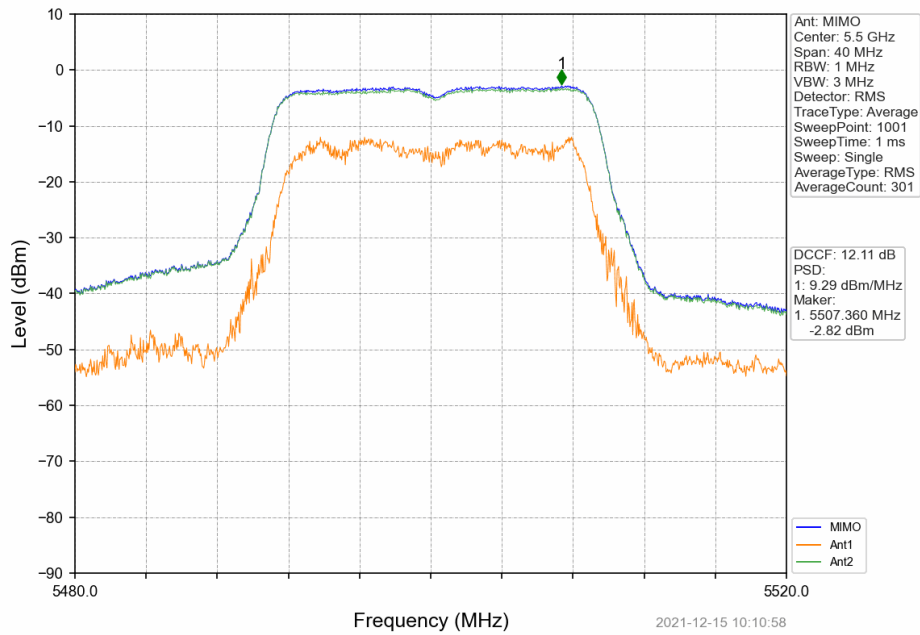
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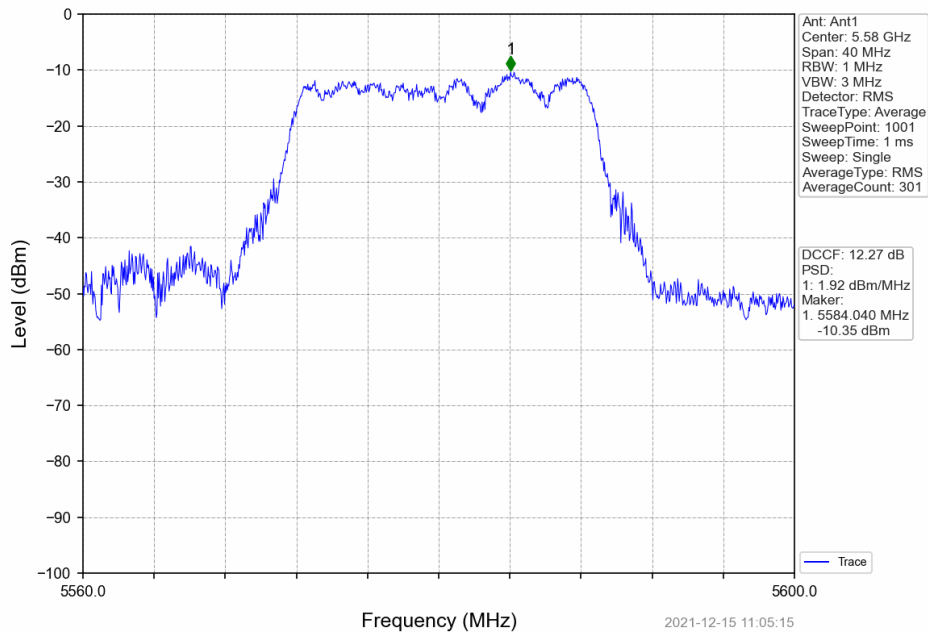
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802.11n(HT20)_LCH_5500MHz_MIMO_NTNV

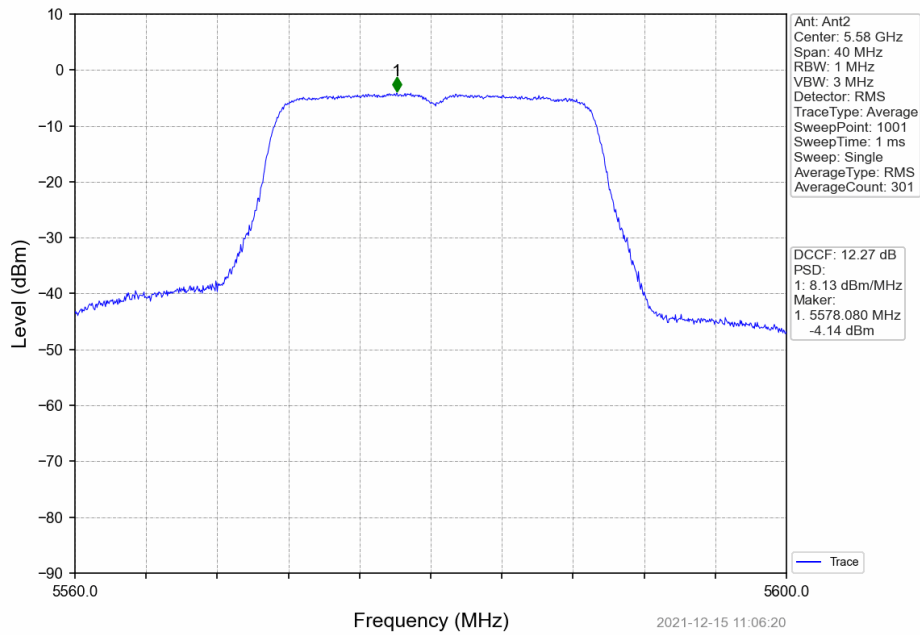


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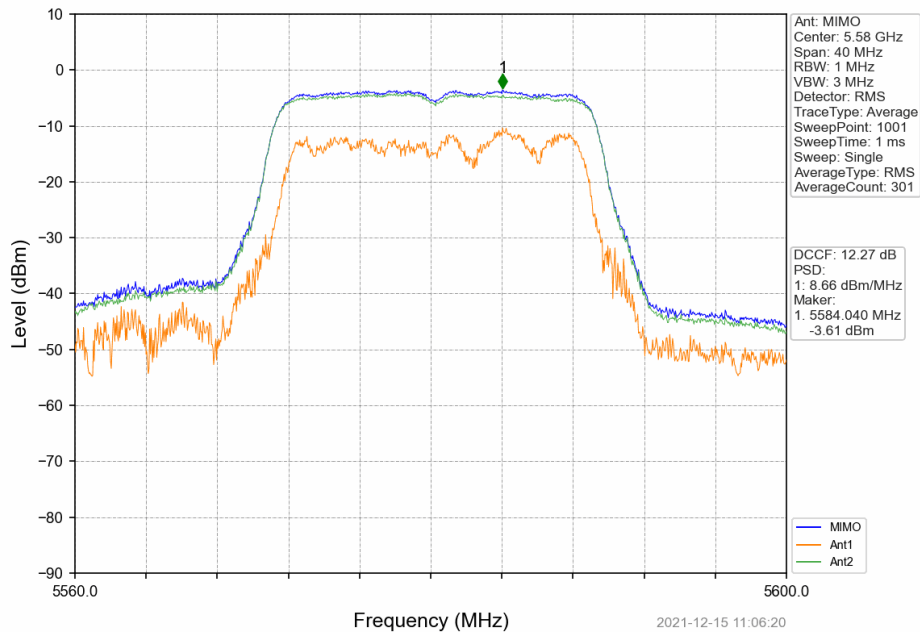


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802.11n(HT20)_MCH_5580MHz_Ant2_NTNV

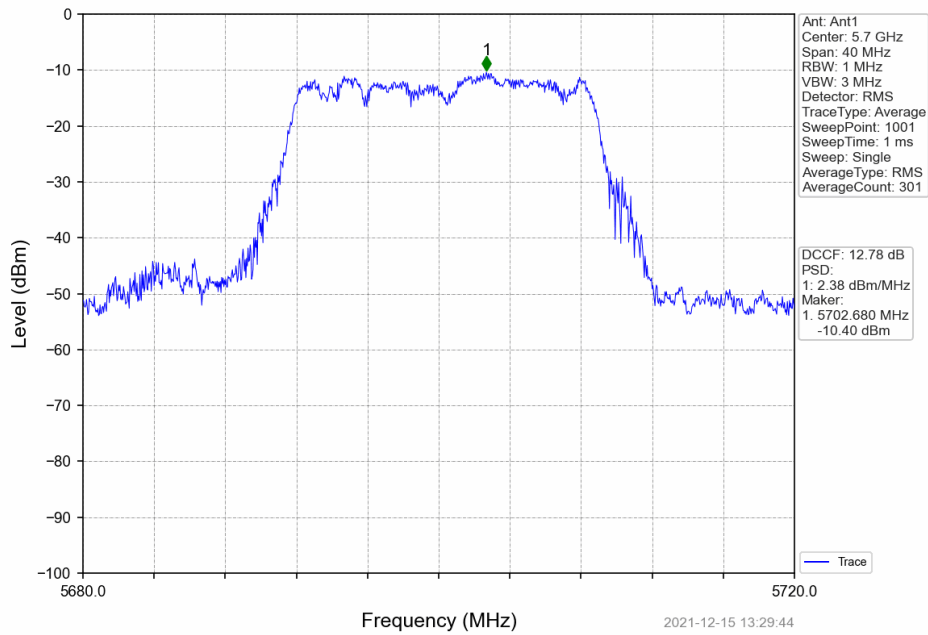


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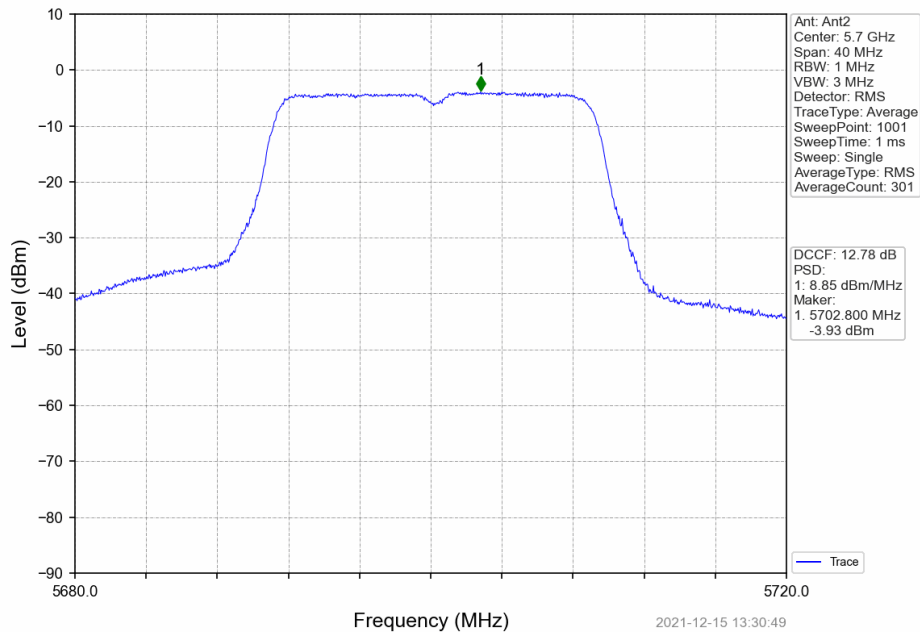


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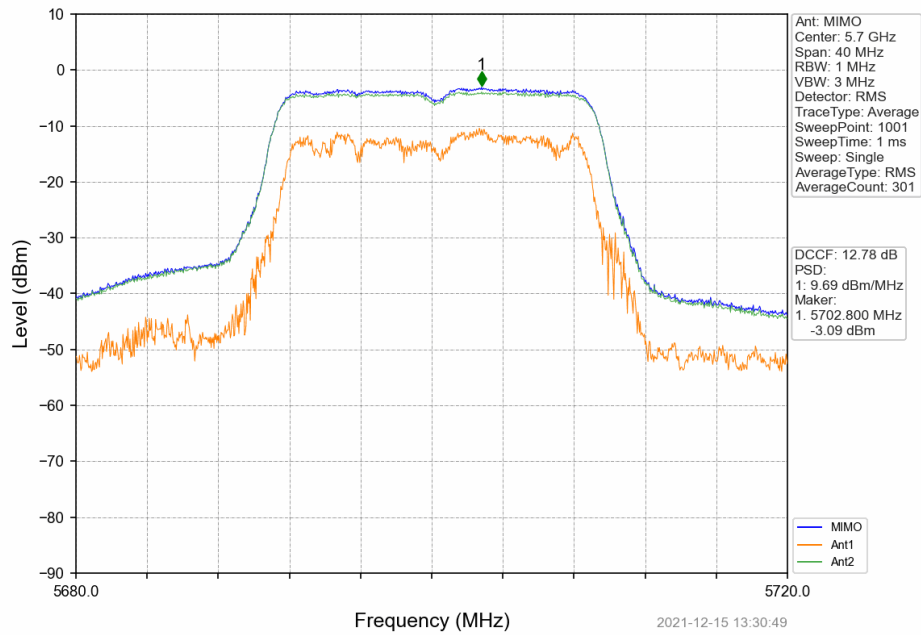
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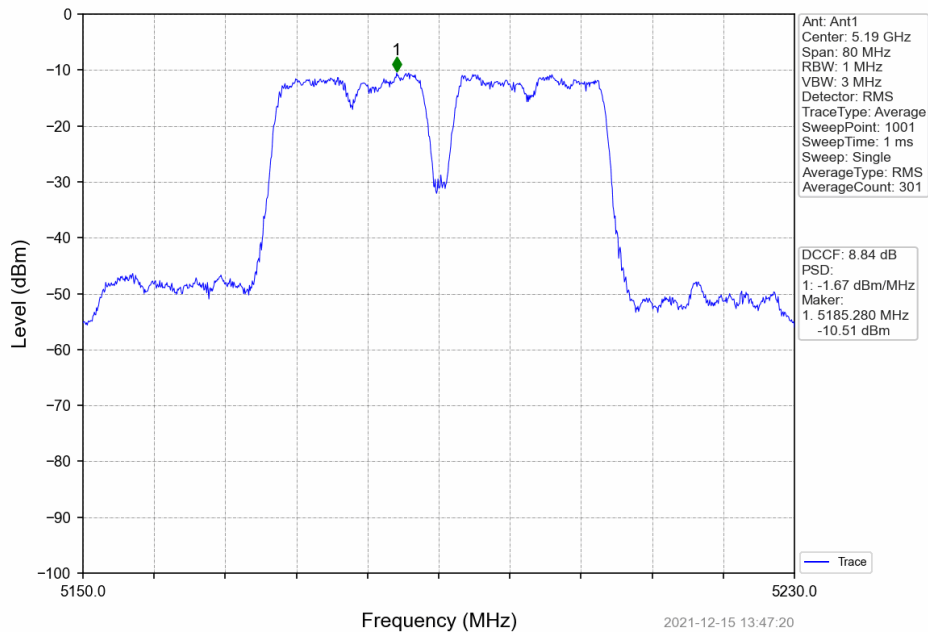
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802.11n(HT20)_HCH_5700MHz_MIMO_NTNV

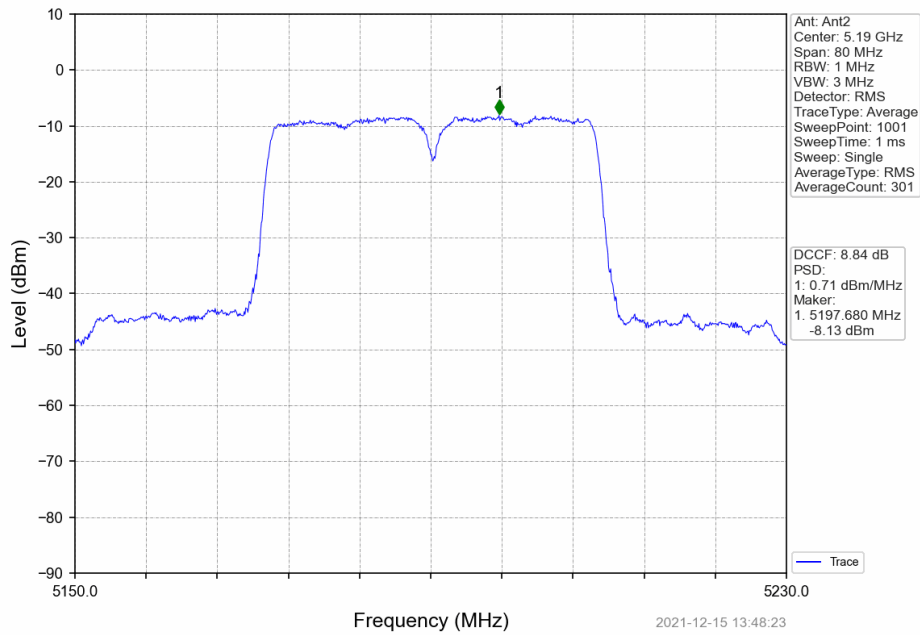


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

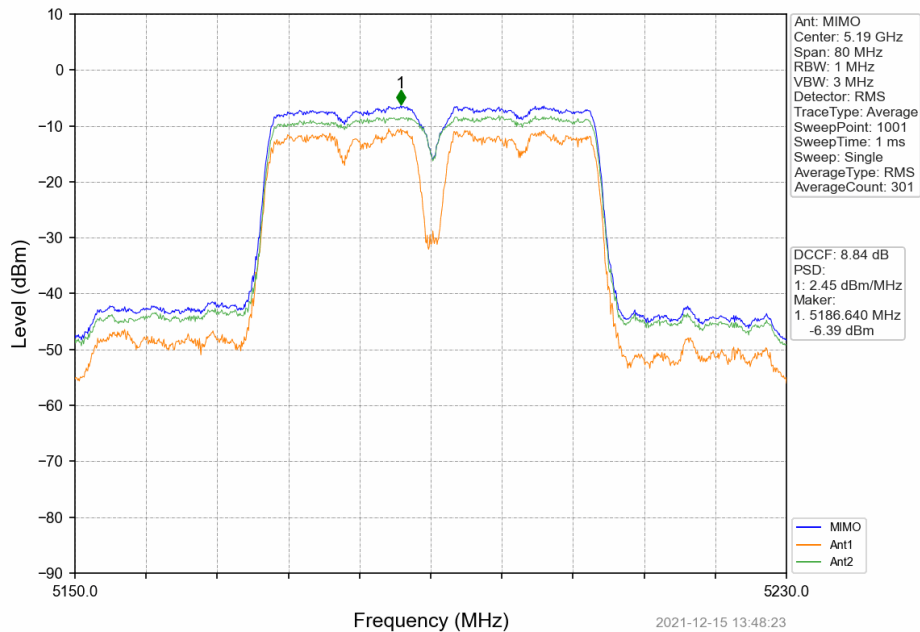


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802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

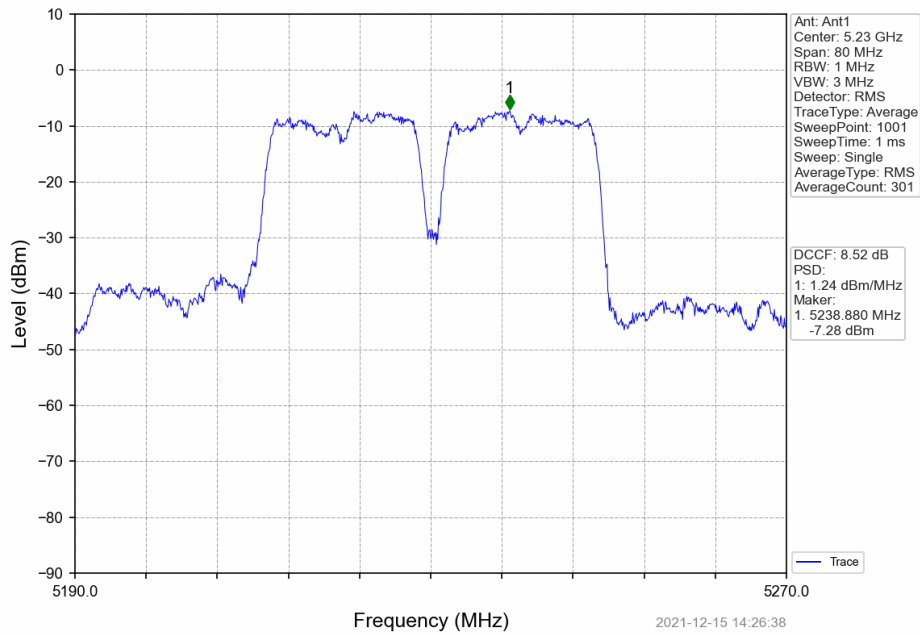


802.11n(HT40)_LCH_5190MHz_MIMO_NTNV

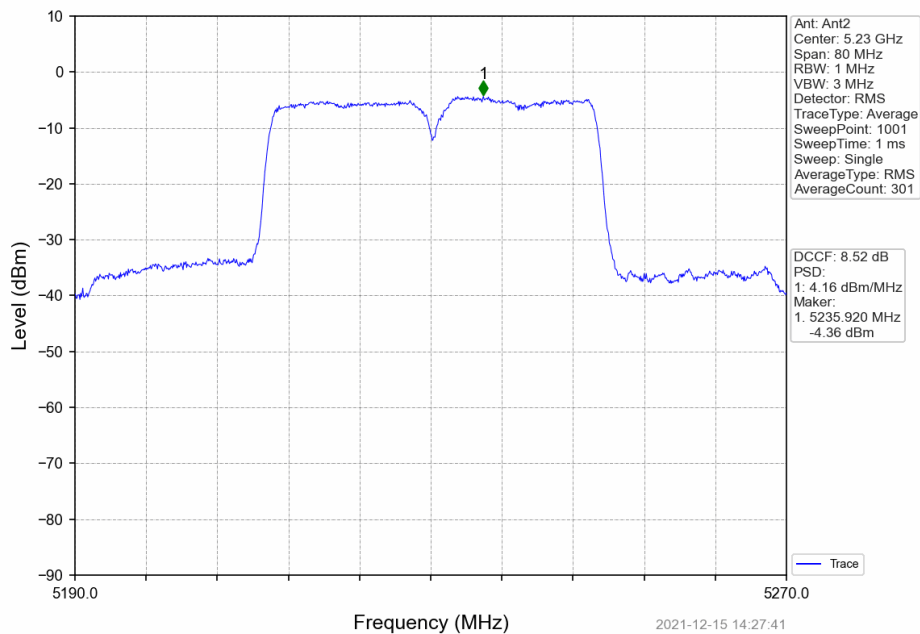


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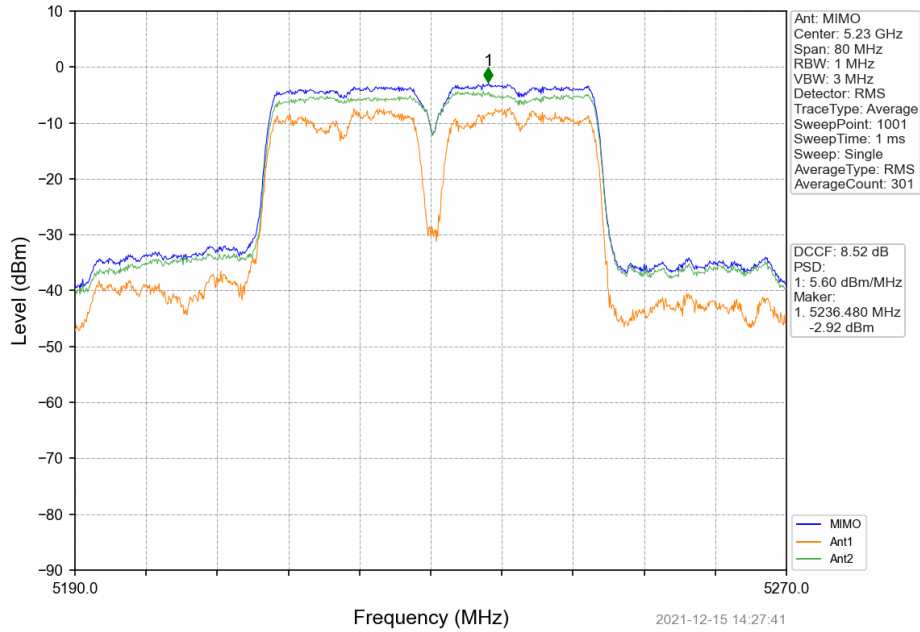
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV

