

3.2 EIRP

3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5260	19.70	21.71	/	<=29.59	Pass
		5300	20.00	21.58	/	<=29.64	Pass
		5320	19.67	21.63	/	<=29.57	Pass
		5500	19.81	22.13	/	<=29.68	Pass
		5580	18.27	21.03	/	<=29.61	Pass
		5700	18.66	20.22	/	<=29.62	Pass
		5745	18.47	20.79	/	/	Pass
		5785	18.85	20.58	/	/	Pass
802.11n (HT20)	MIMO	5825	18.78	20.67	/	/	Pass
		5260	19.48	21.88	26.76	<=29.75	Pass
		5300	19.80	21.48	26.71	<=29.83	Pass
		5320	19.68	21.82	26.82	<=29.78	Pass
		5500	19.52	22.02	26.85	<=29.78	Pass
		5580	18.84	21.13	26.06	<=29.75	Pass
		5700	18.90	20.85	25.95	<=29.85	Pass
		5745	18.48	20.82	25.73	/	Pass
802.11n (HT40)	MIMO	5785	18.69	20.37	25.60	/	Pass
		5825	18.83	20.67	25.82	/	Pass
		5270	18.93	21.29	26.19	<=30.00	Pass
		5310	20.11	21.71	26.98	<=30.00	Pass
		5510	19.47	22.59	27.14	<=30.00	Pass
		5550	19.13	21.76	26.53	<=30.00	Pass
		5670	17.83	20.03	25.00	<=30.00	Pass
		5755	17.88	20.92	25.51	/	Pass
802.11ac (VHT20)	MIMO	5795	17.98	20.55	25.35	/	Pass
		5260	17.62	20.33	25.06	<=29.75	Pass
		5300	17.82	19.91	24.94	<=29.79	Pass
		5320	17.84	20.01	25.00	<=29.77	Pass
		5500	17.69	20.44	25.16	<=29.86	Pass
		5580	17.85	19.69	24.84	<=29.75	Pass
		5700	17.83	19.14	24.57	<=29.79	Pass
		5745	17.75	19.16	24.53	/	Pass
802.11ac (VHT40)	MIMO	5785	18.17	19.88	25.10	/	Pass
		5825	17.25	19.03	24.21	/	Pass
		5270	17.92	19.60	24.83	<=30.00	Pass
		5310	17.93	19.85	24.96	<=30.00	Pass
		5510	17.34	20.43	25.00	<=30.00	Pass
		5550	16.76	19.10	24.01	<=30.00	Pass
		5670	16.82	18.63	23.80	<=30.00	Pass
		5755	16.32	19.22	23.87	/	Pass
802.11ac (VHT80)	MIMO	5795	16.75	19.00	23.95	/	Pass
		5290	17.05	19.34	24.27	<=30.00	Pass
		5530	17.81	20.25	25.11	<=30.00	Pass
		5690	16.00	18.98	23.59	<=30.00	Pass
		5775	16.61	19.17	23.97	/	Pass

Note1: Antenna Gain: Ant1: 4.91dBi; Ant2: 6.81dBi;

Note2: Directional Gain: 8.92dBi



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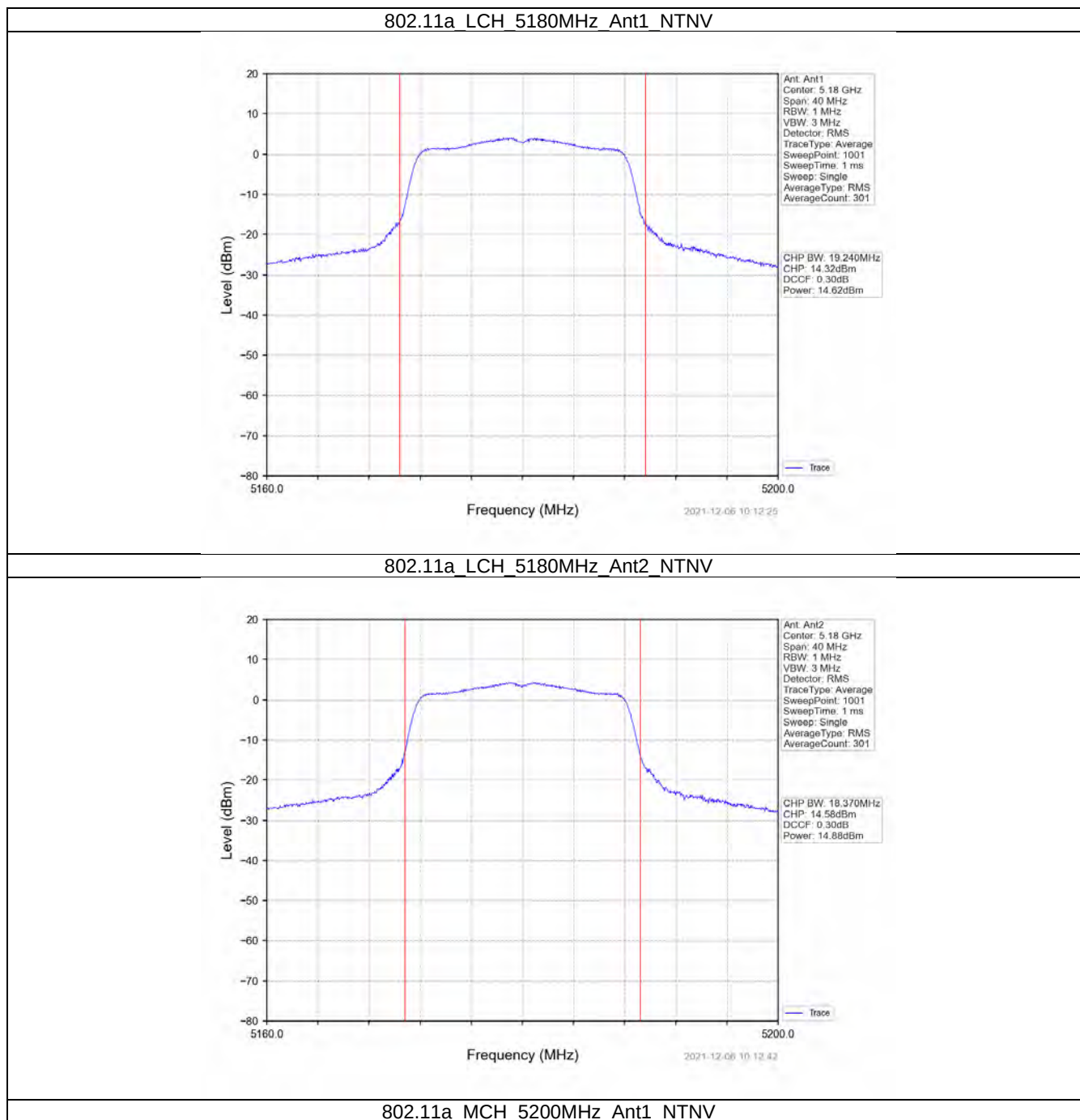
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3.1.2 Test Graph



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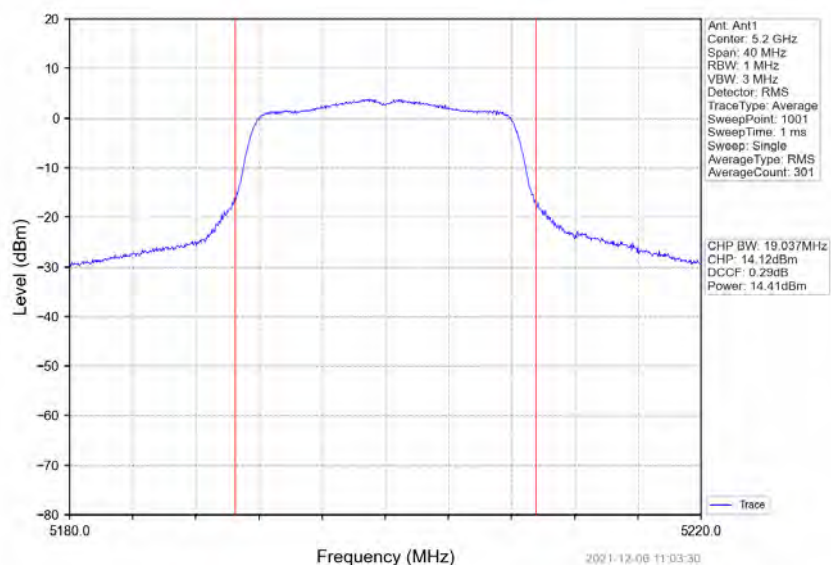
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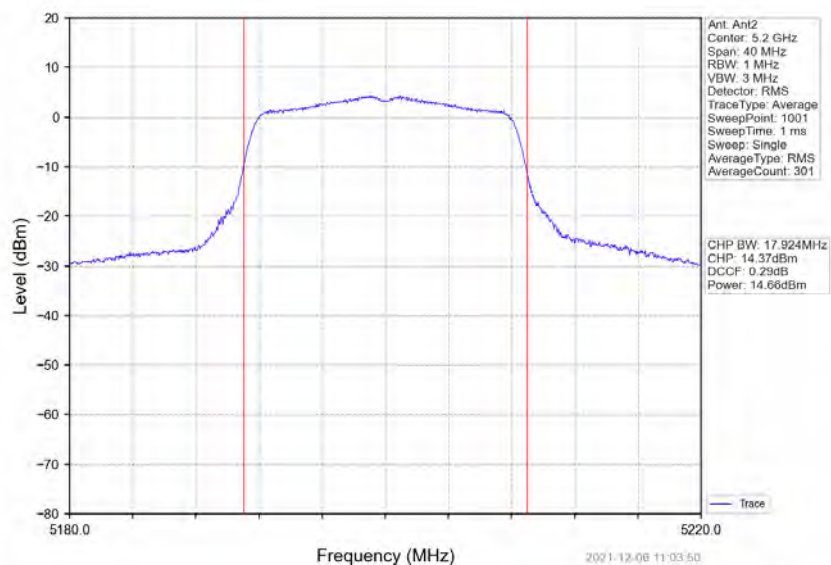
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802.11a_MCH_5200MHz_Ant2_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

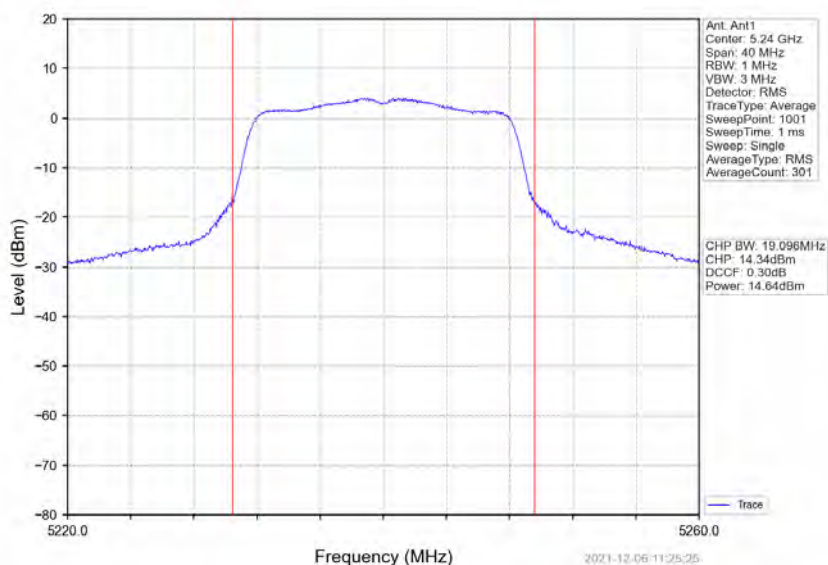


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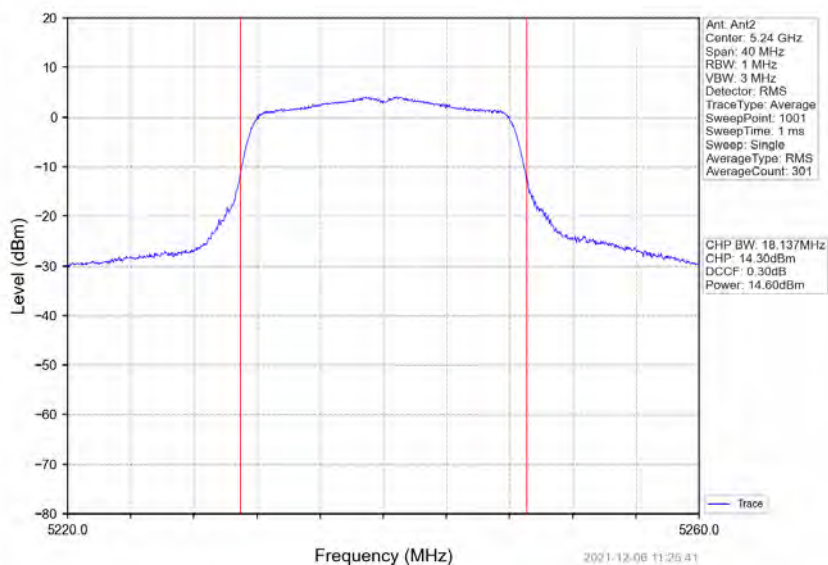
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802.11a_HCH_5240MHz_Ant2_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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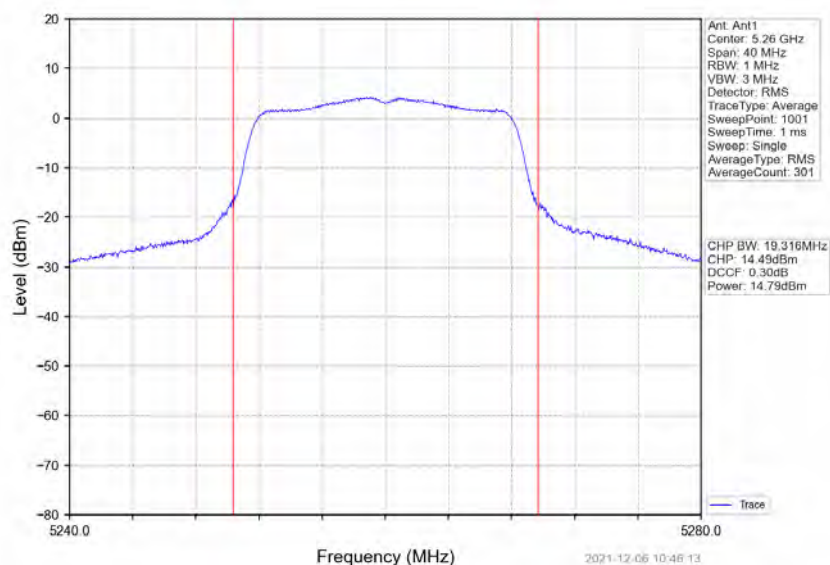
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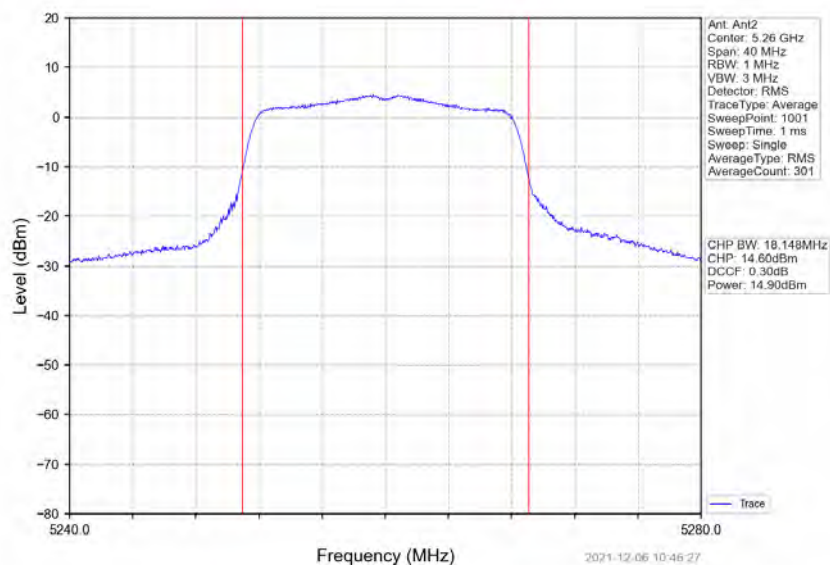
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802.11a_MCH_5300MHz_Ant1_NTNV



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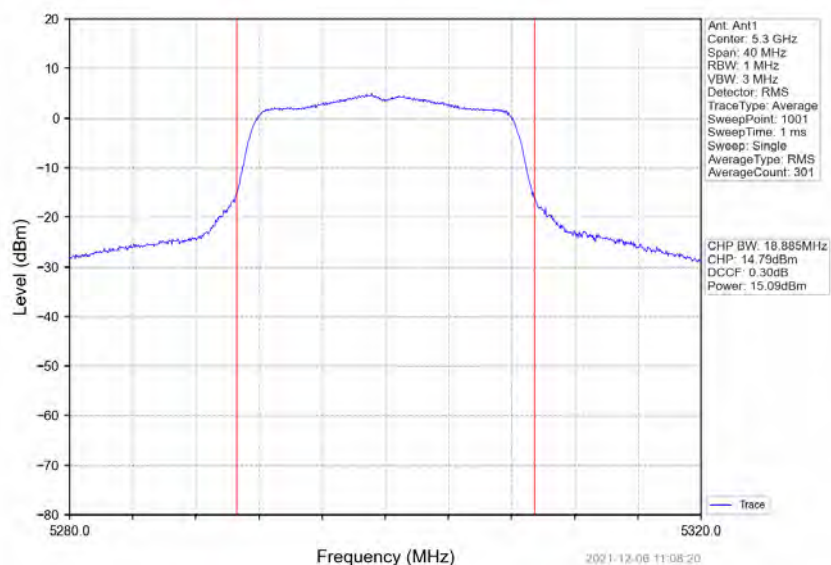
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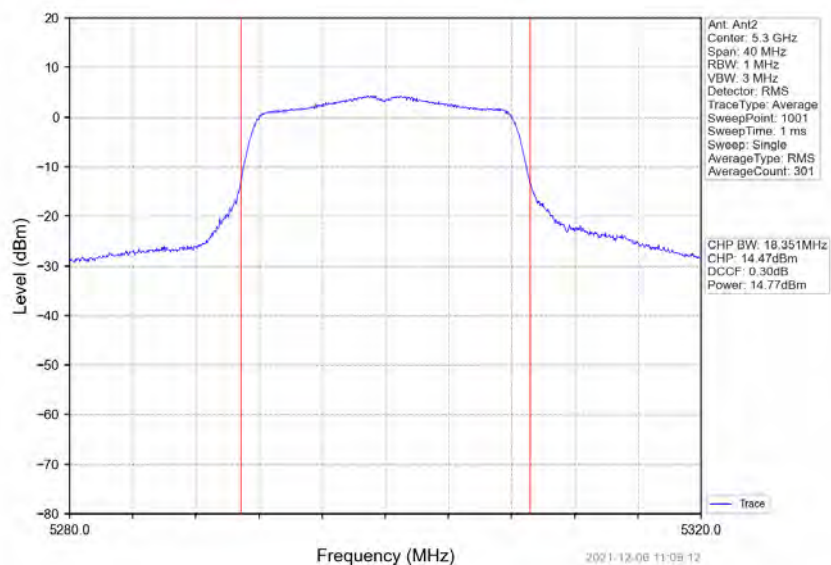
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802.11a_HCH_5320MHz_Ant1_NTNV



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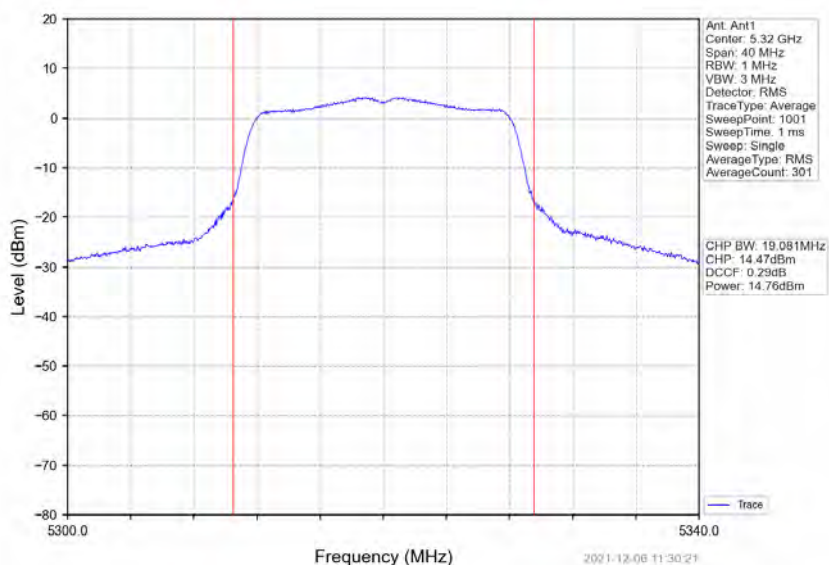
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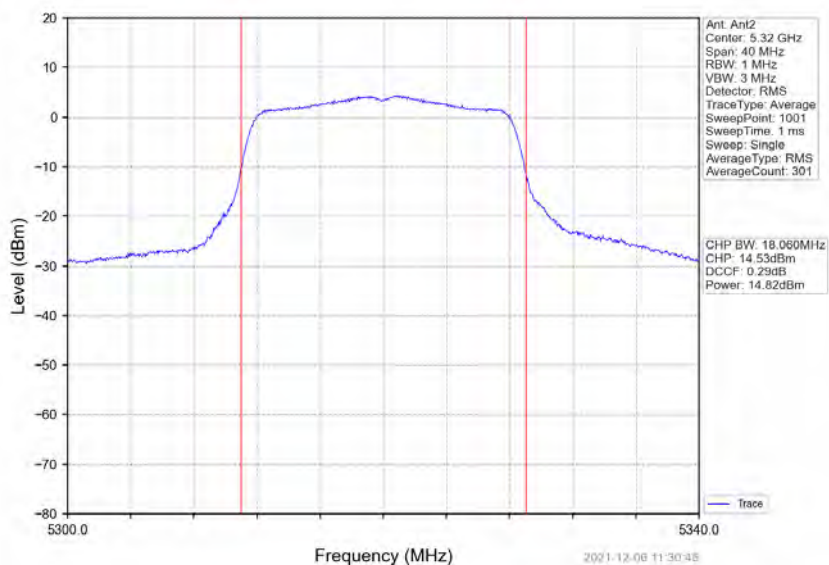
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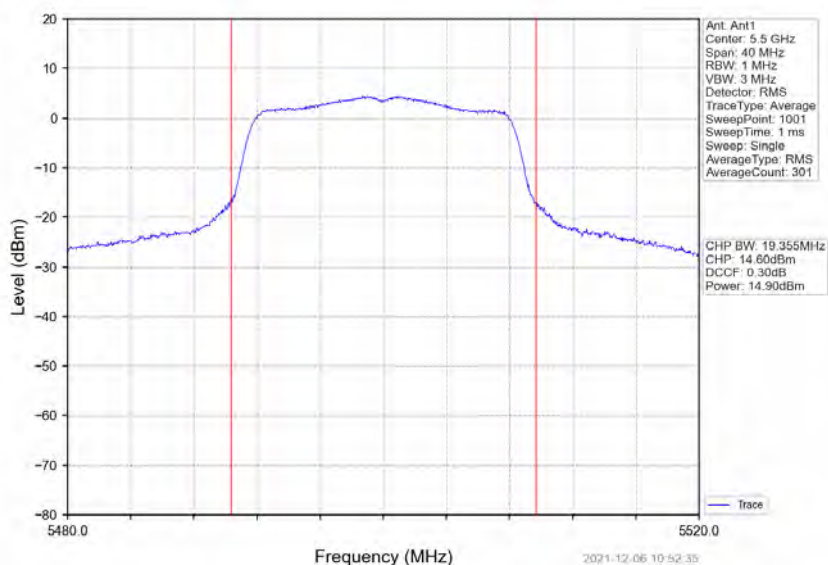


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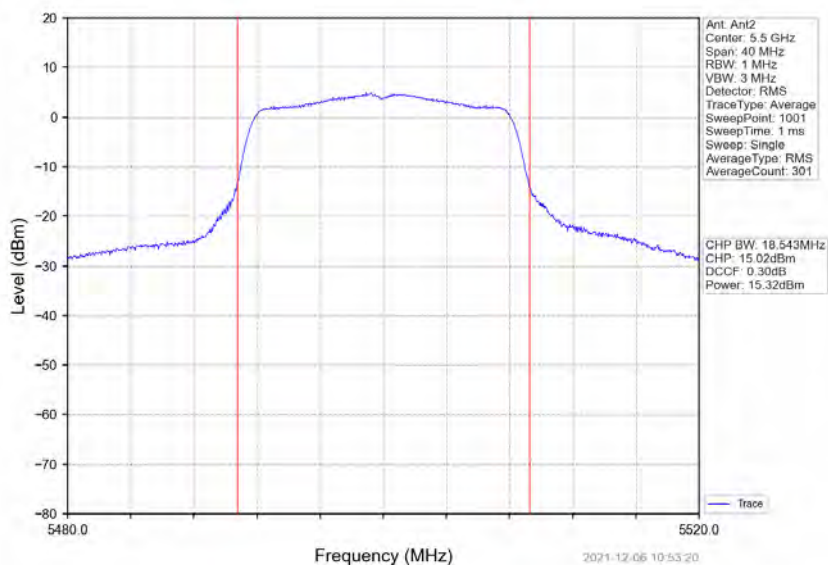
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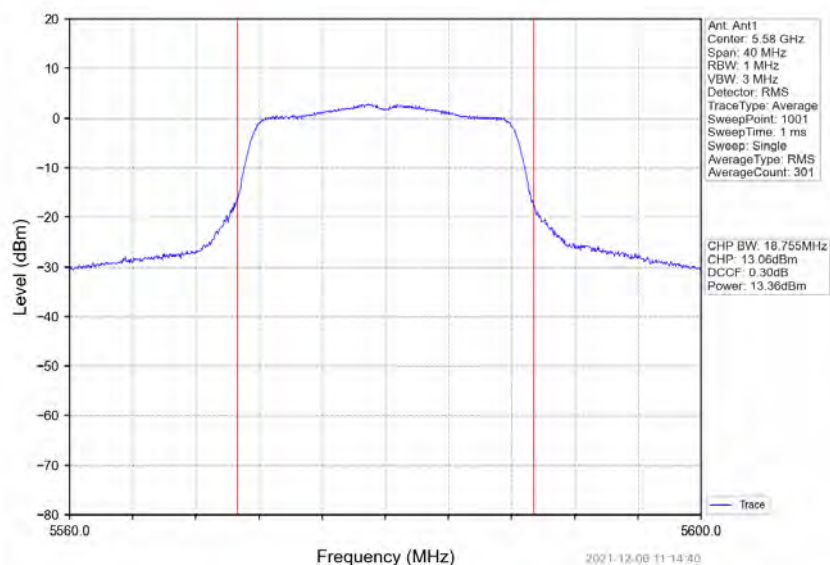
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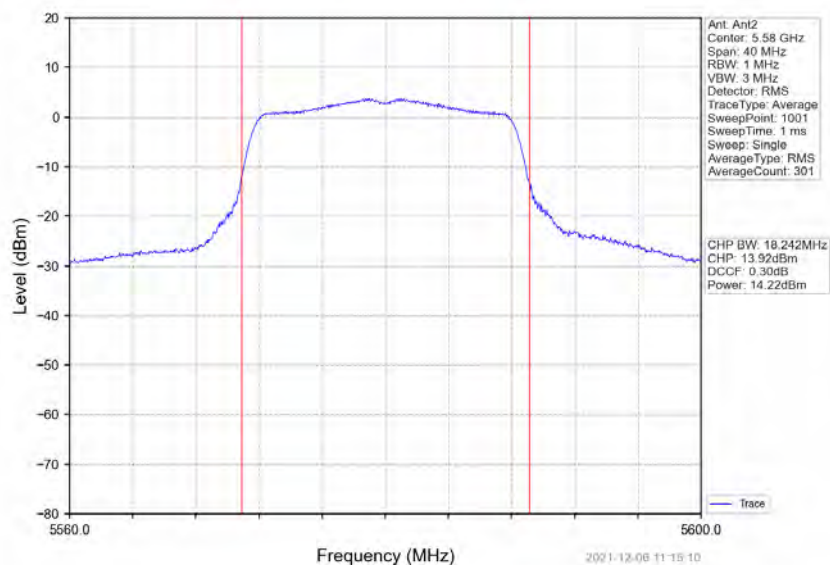
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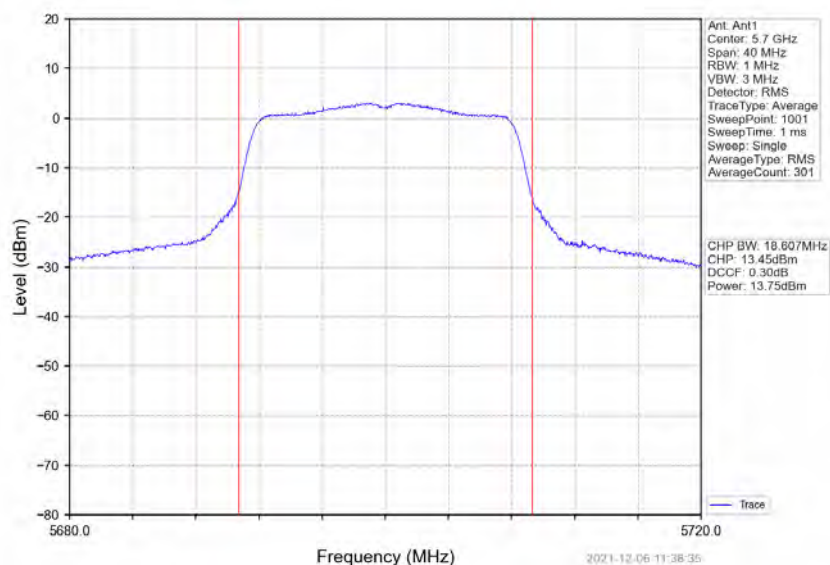


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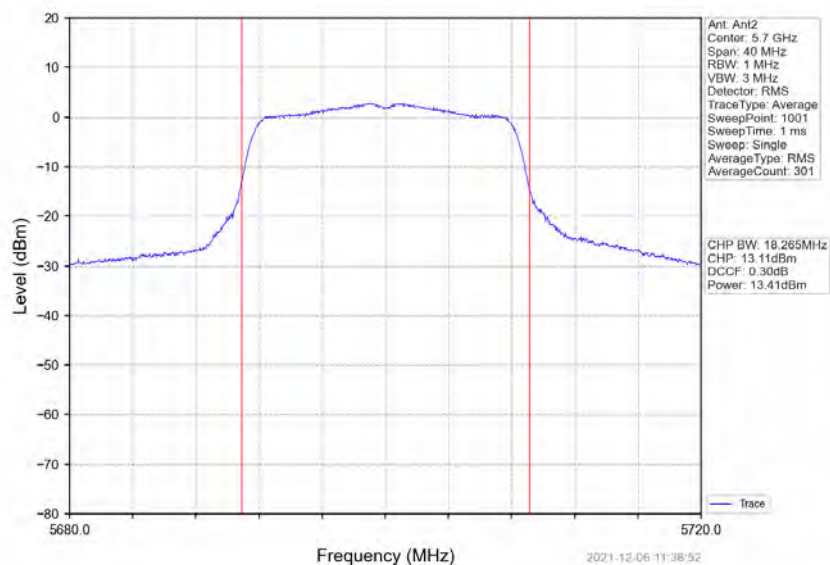
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802.11a_LCH_5745MHz_Ant1_NTNV



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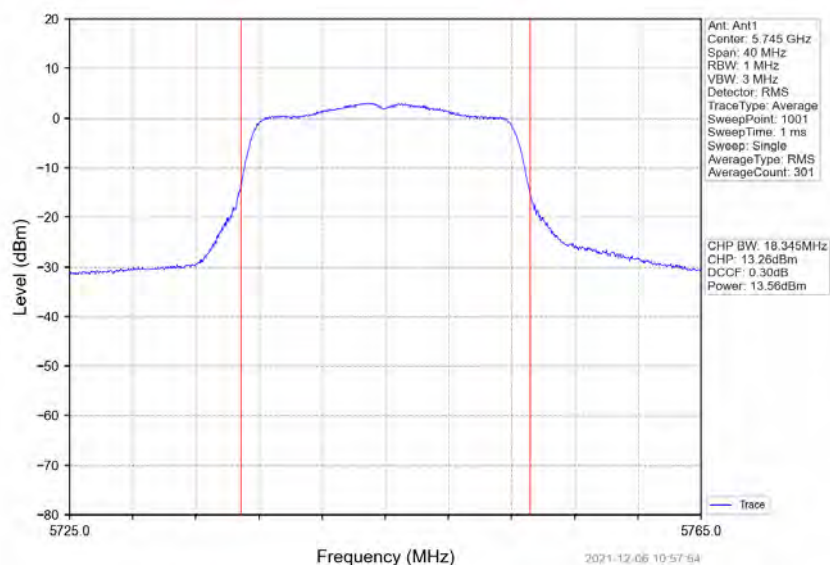
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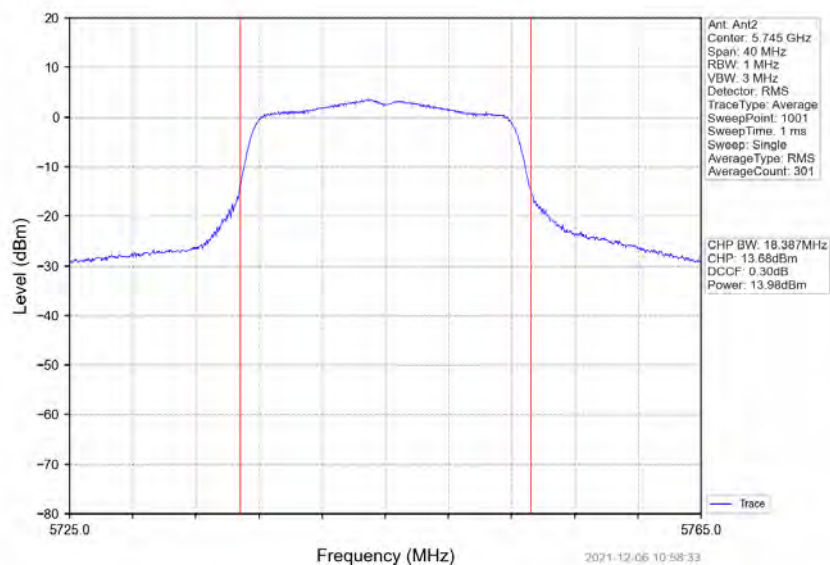
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802.11a_LCH_5745MHz_Ant2_NTNV



802.11a_MCH_5785MHz_Ant1_NTNV

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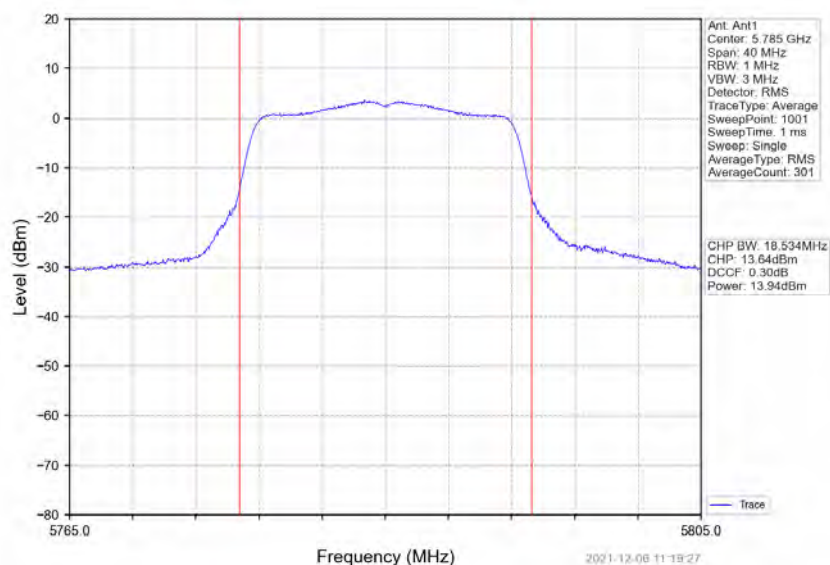
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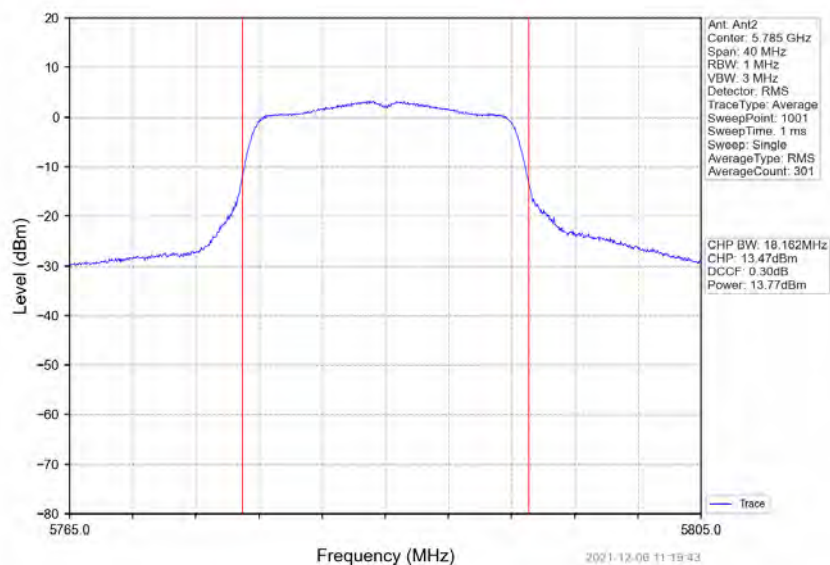
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802.11a_MCH_5785MHz_Ant2_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



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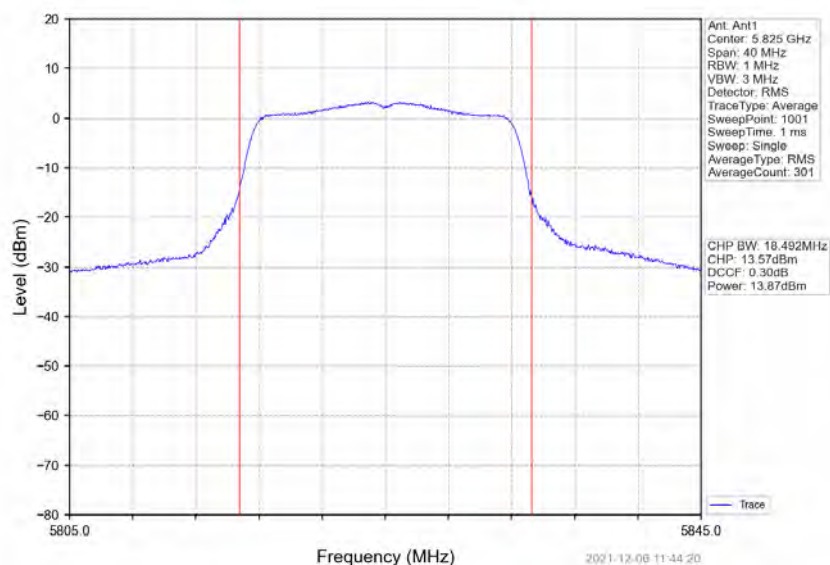
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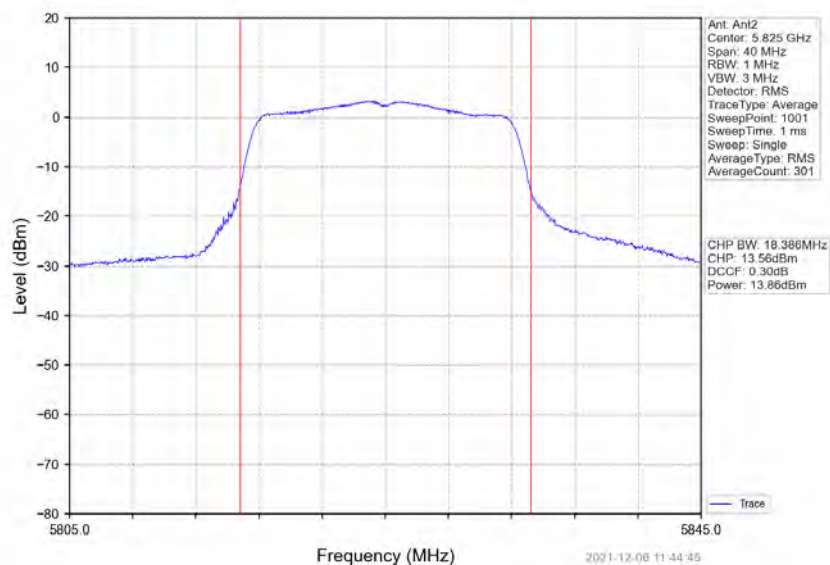
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802.11a_HCH_5825MHz_Ant2_NTNV



802.11n(HT20) LCH 5180MHz Ant1 NTNv



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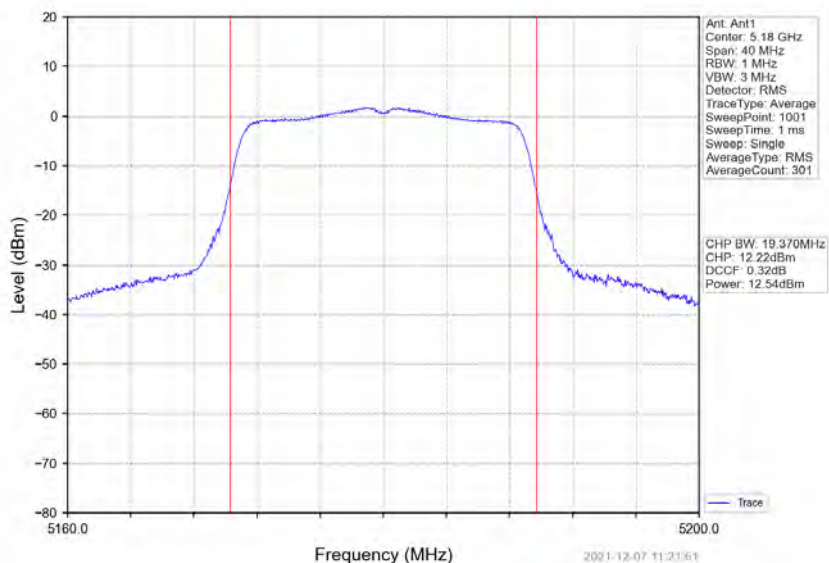
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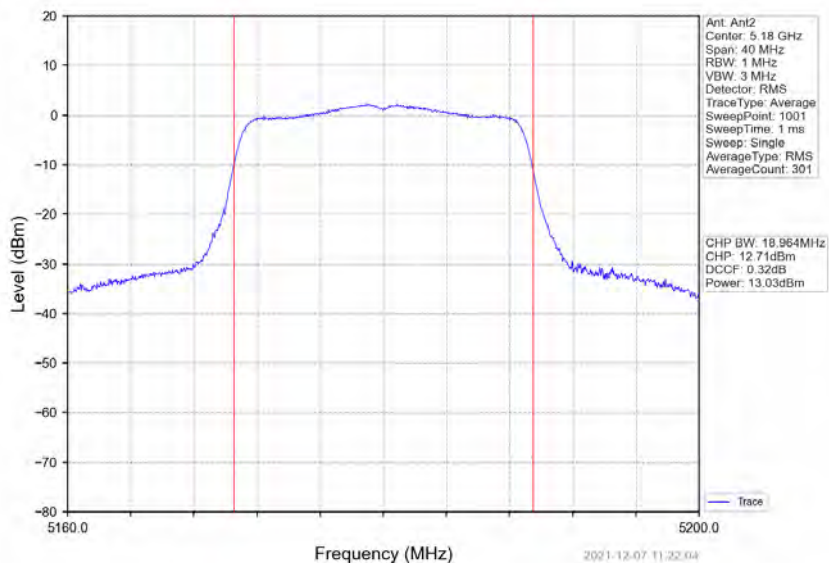
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802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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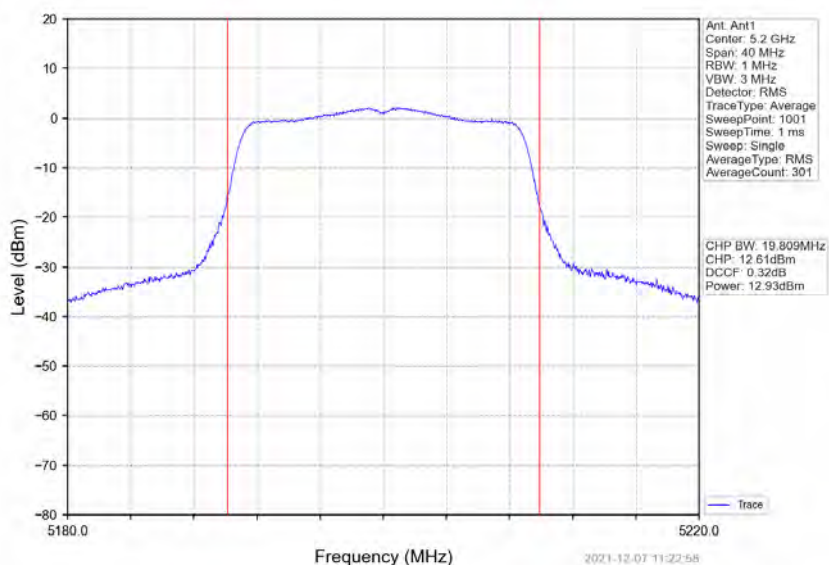
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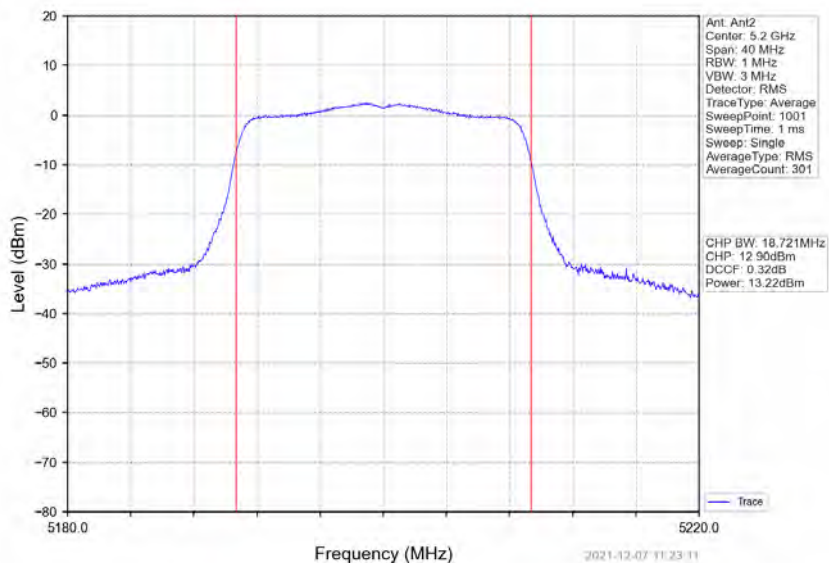
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802.11n(HT20) MCH 5200MHz Ant2 NTN



802.11n(HT20) HCH 5240MHz Ant1 NTN

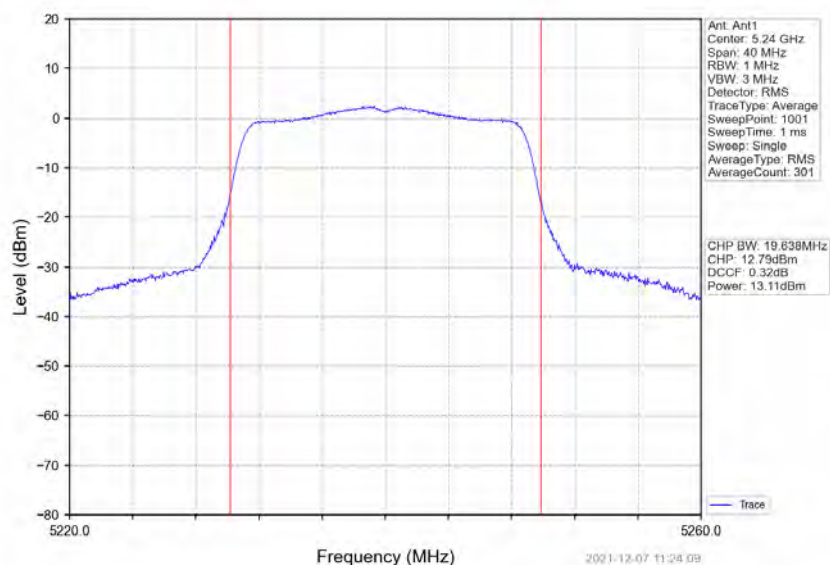


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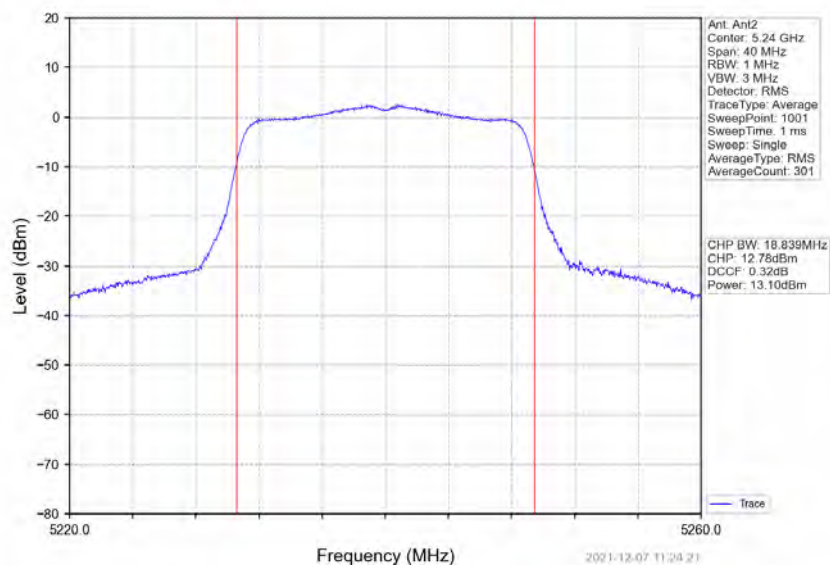
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802.11n(HT20) HCH 5240MHz Ant2 NTV



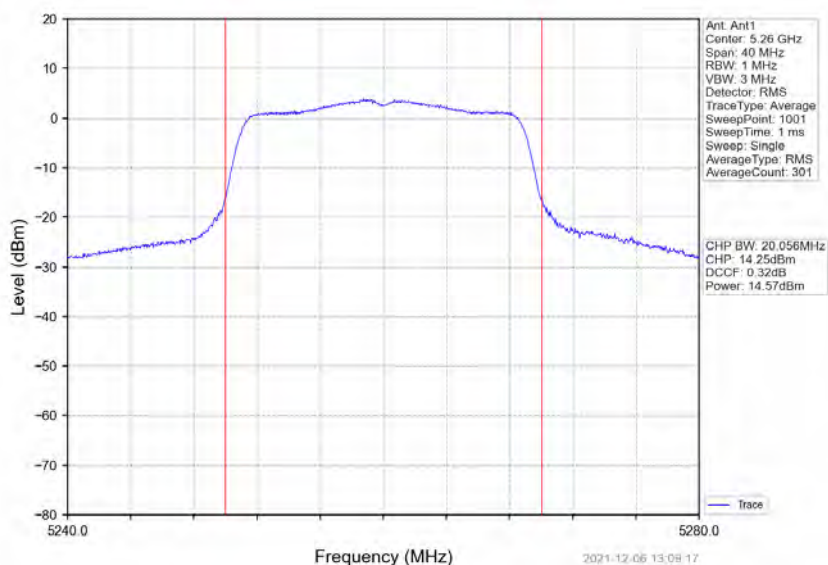
802.11n(HT20) LCH 5260MHz Ant1 NTV

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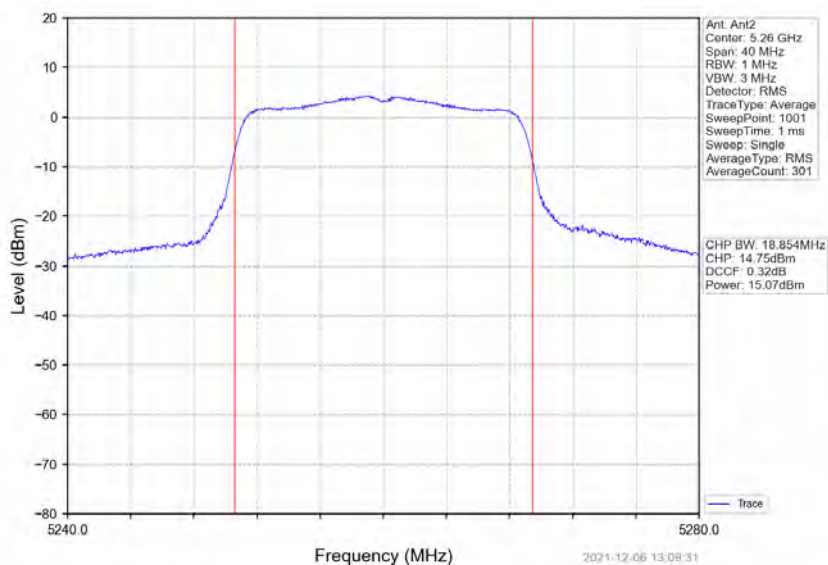
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802.11n(HT20) LCH 5260MHz Ant2 NTNV



802.11n(HT20) MCH 5300MHz Ant1 NTNV

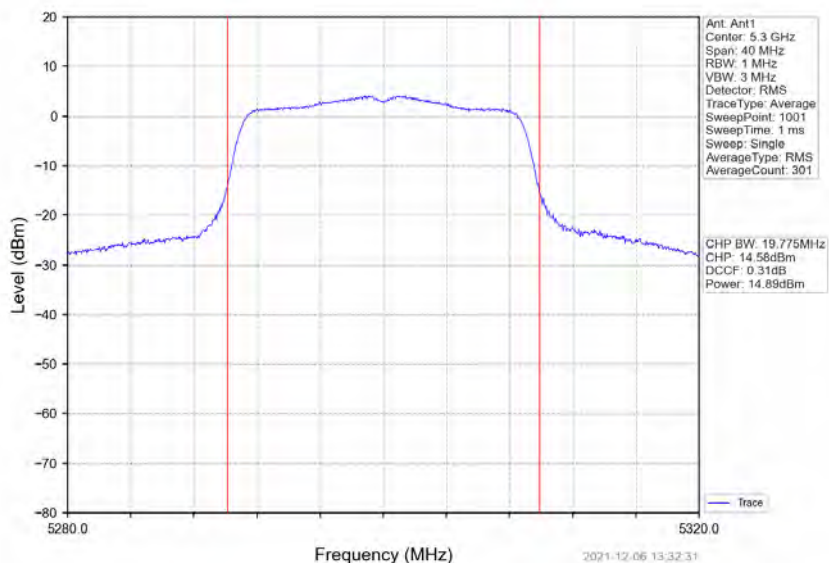


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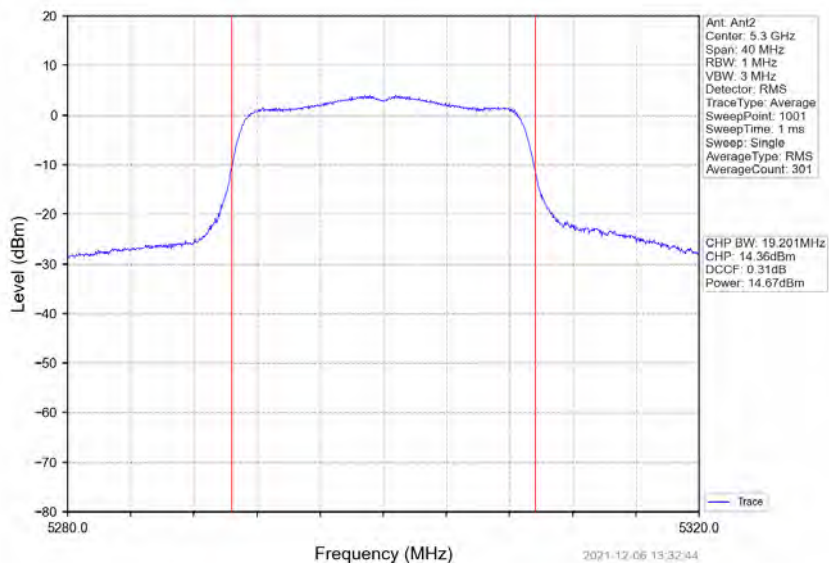
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802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

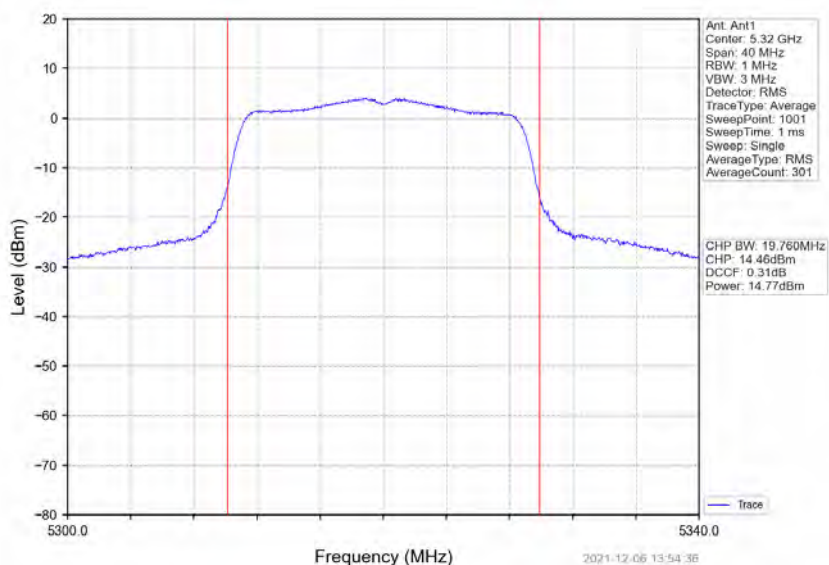


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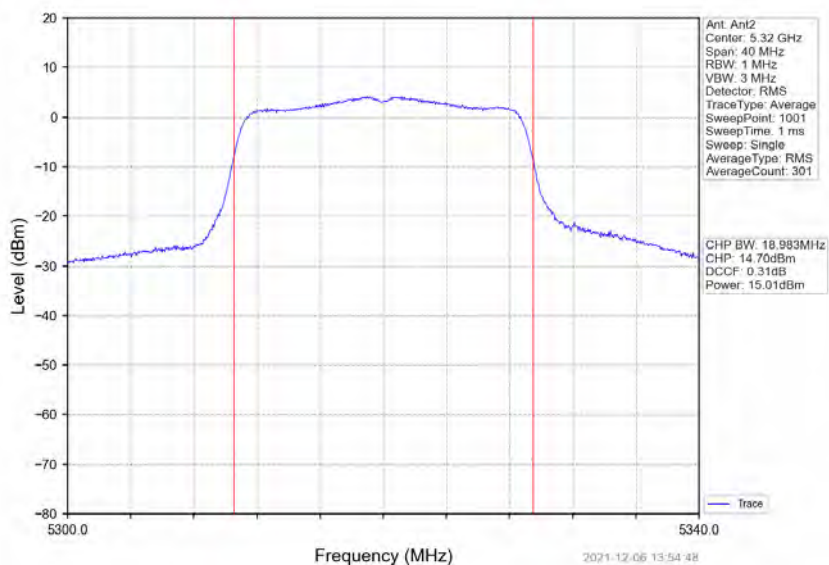
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802.11n(HT20) HCH 5320MHz Ant2 NTN



802.11n(HT20) LCH 5500MHz Ant1 NTN

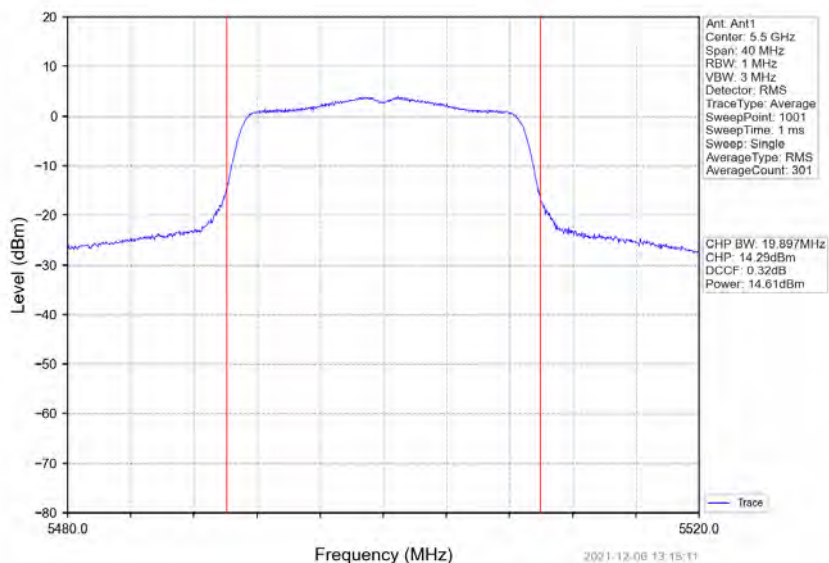


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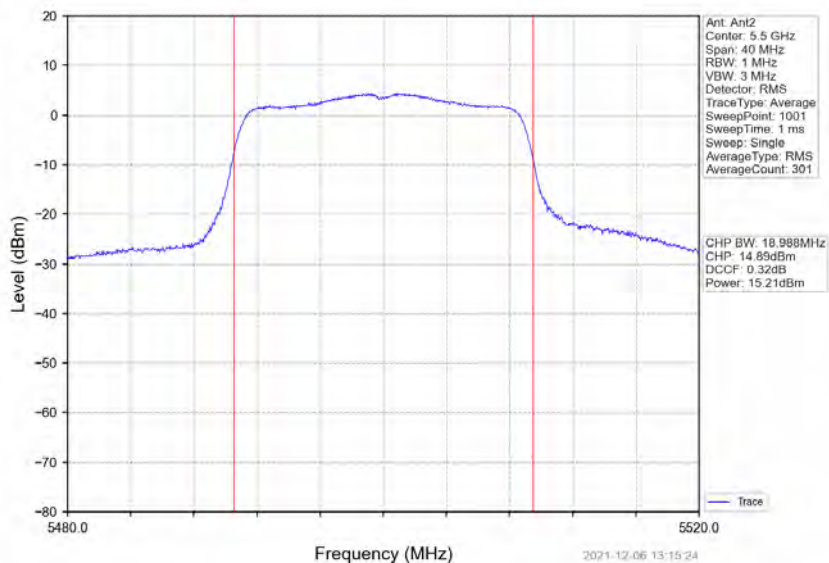
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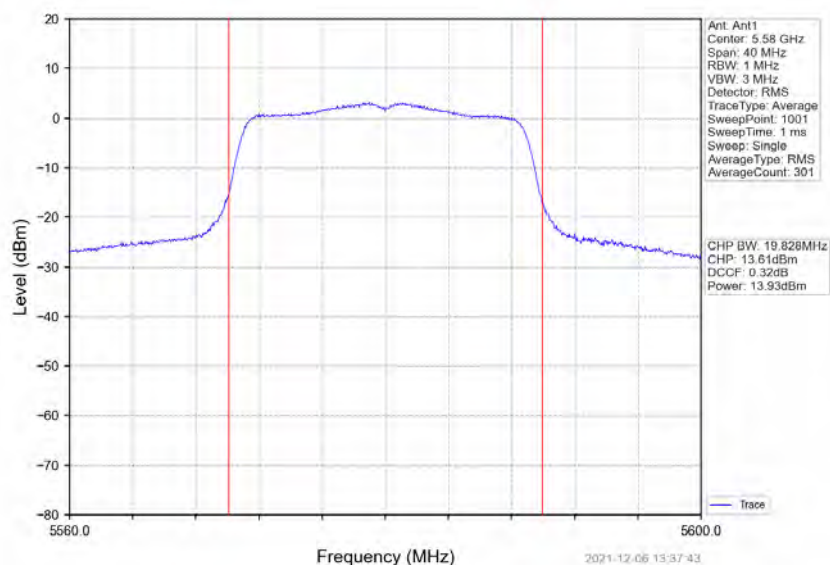


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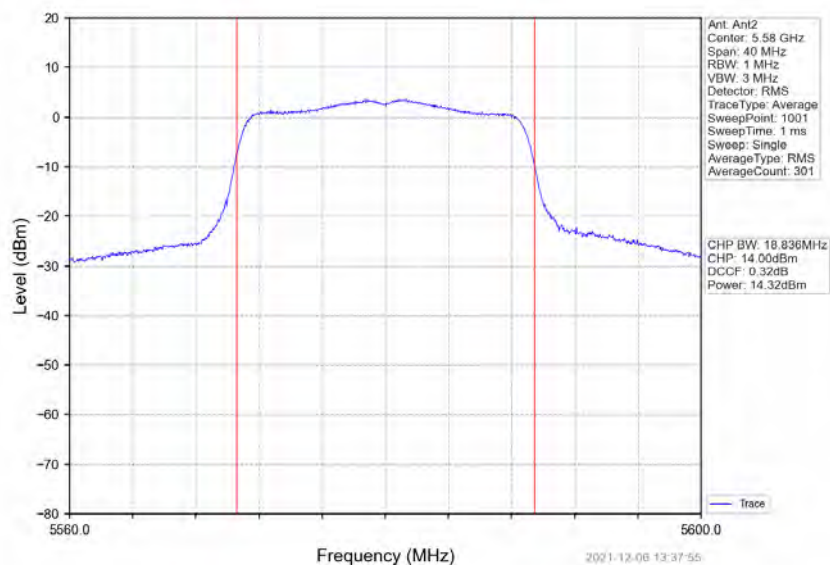
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802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

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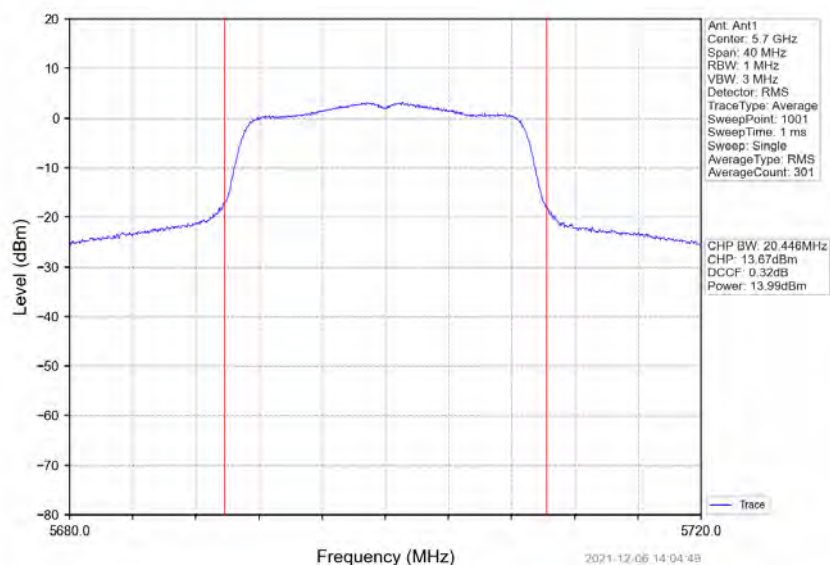
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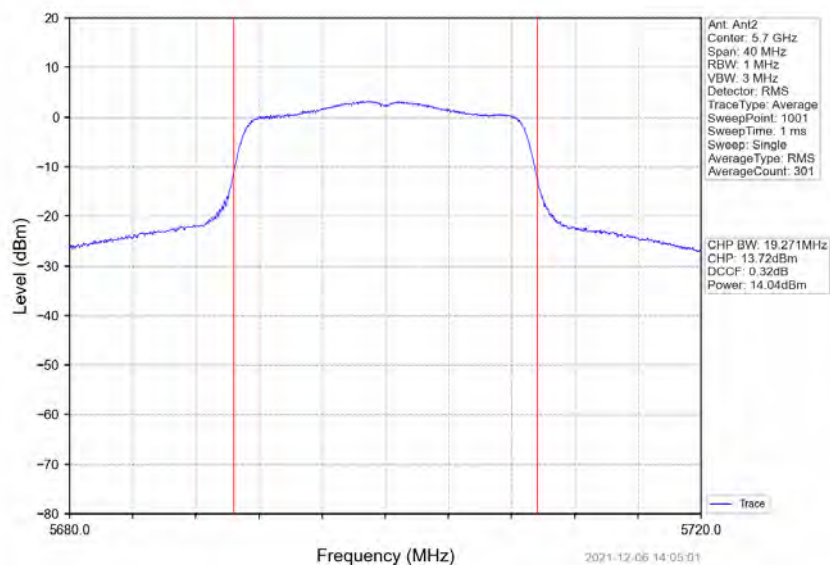
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802.11n(HT20) HCH 5700MHz Ant2 NTNV



802.11n(HT20) LCH 5745MHz Ant1 NTNV

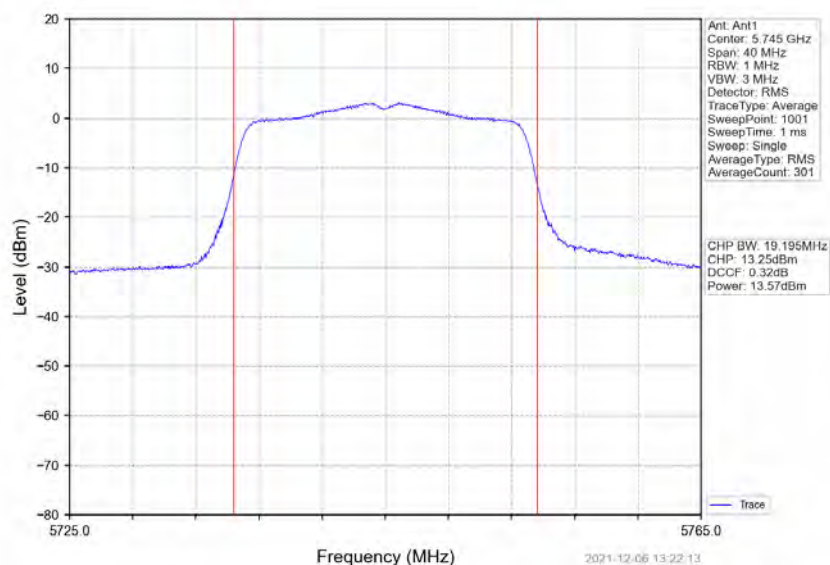


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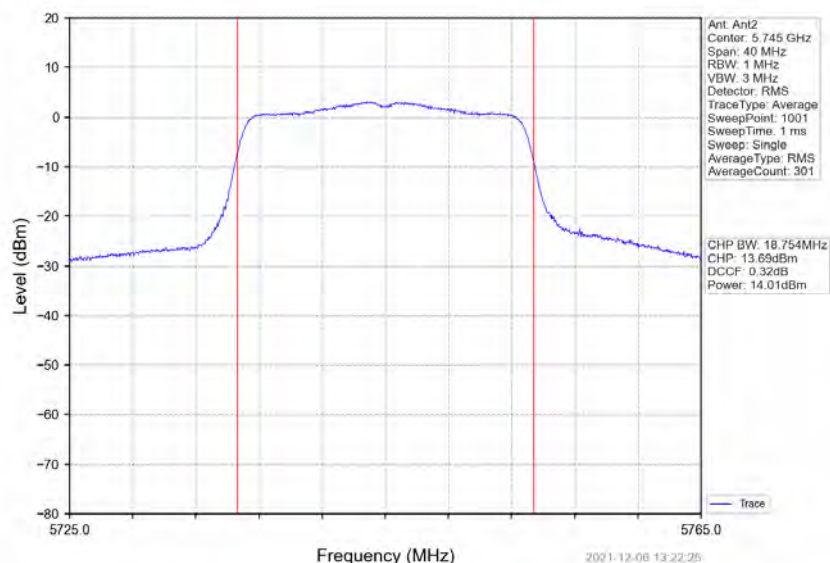
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



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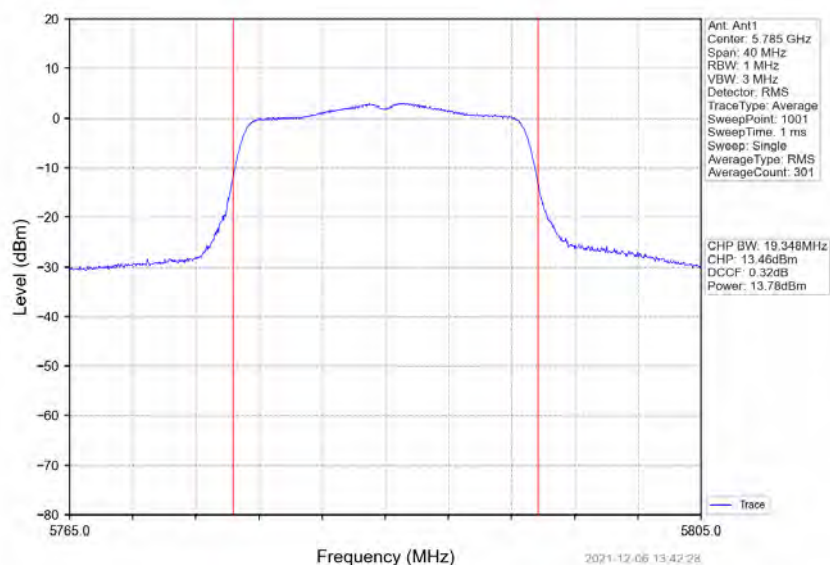
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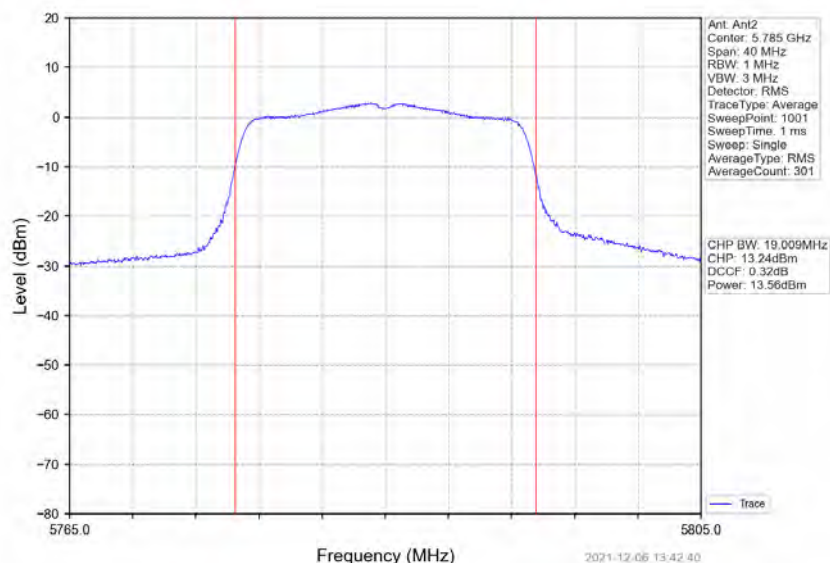
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802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



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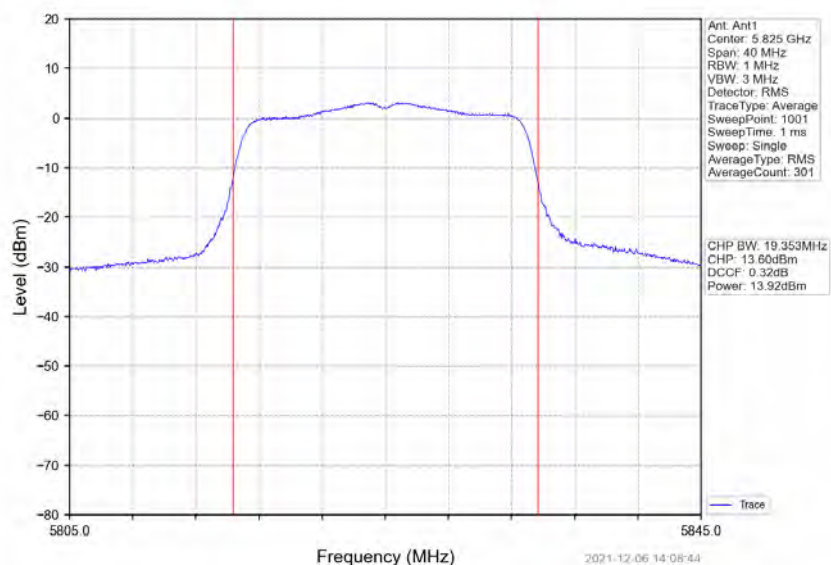
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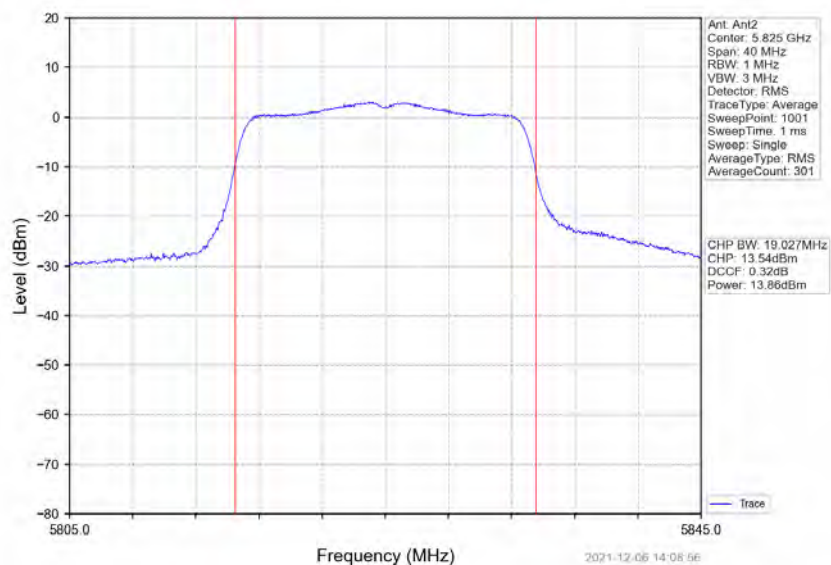
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802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

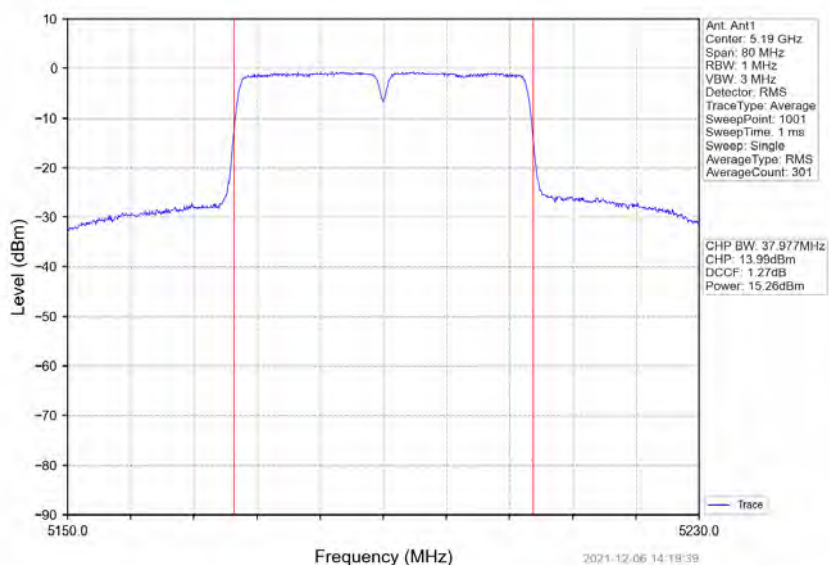


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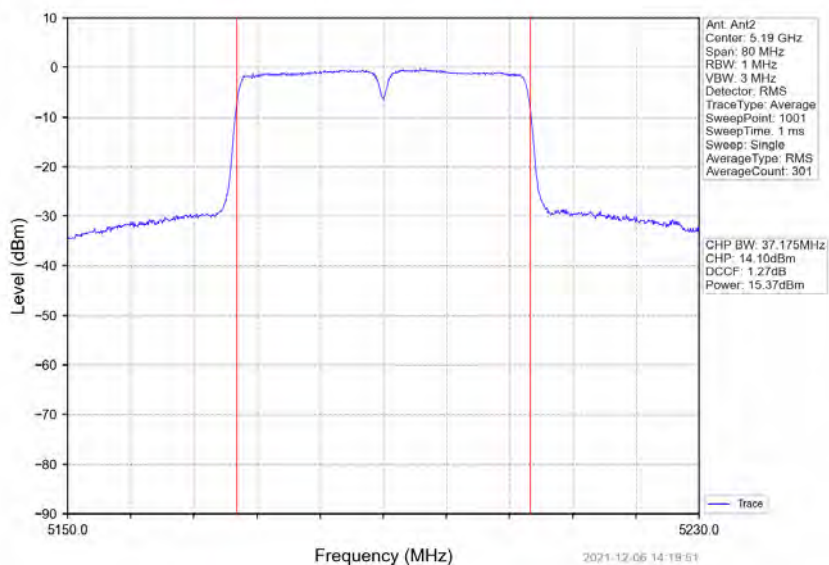
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802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

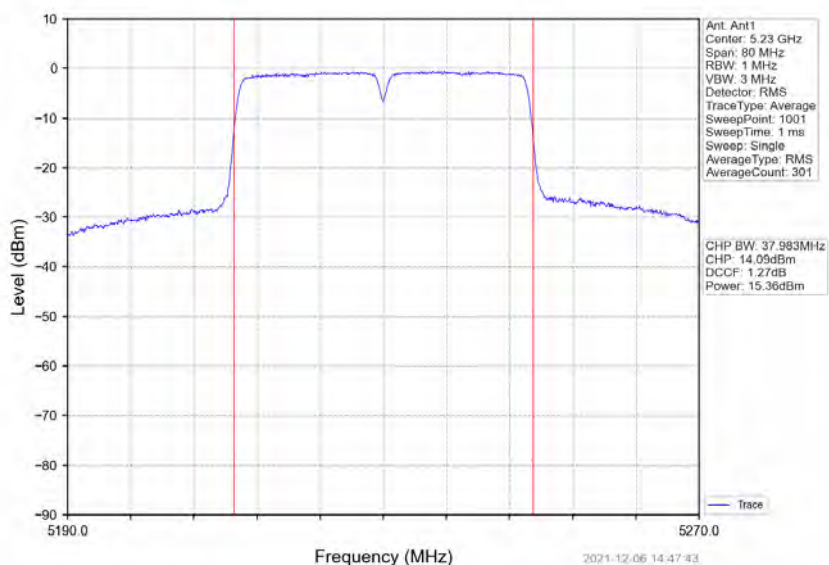


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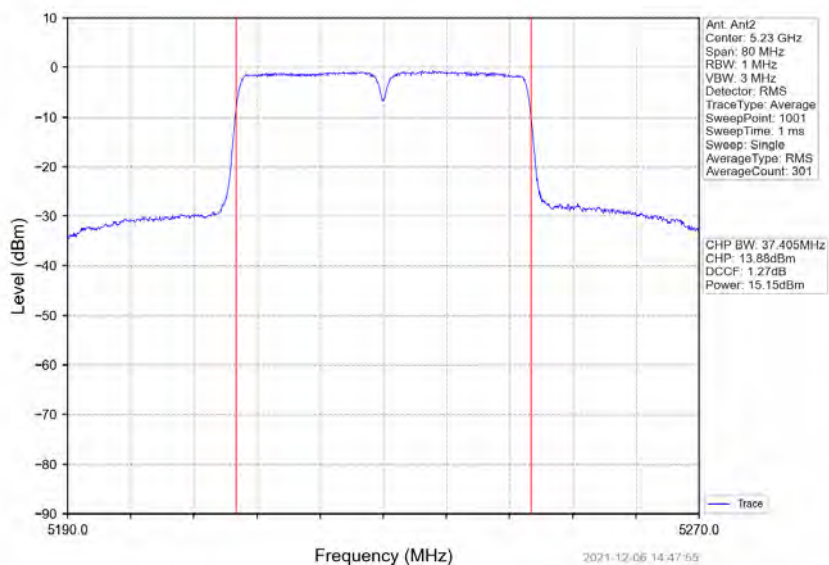
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802.11n(HT40)_HCH 5230MHz_Ant2_NTNV



802.11n(HT40)_LCH 5270MHz_Ant1_NTNV

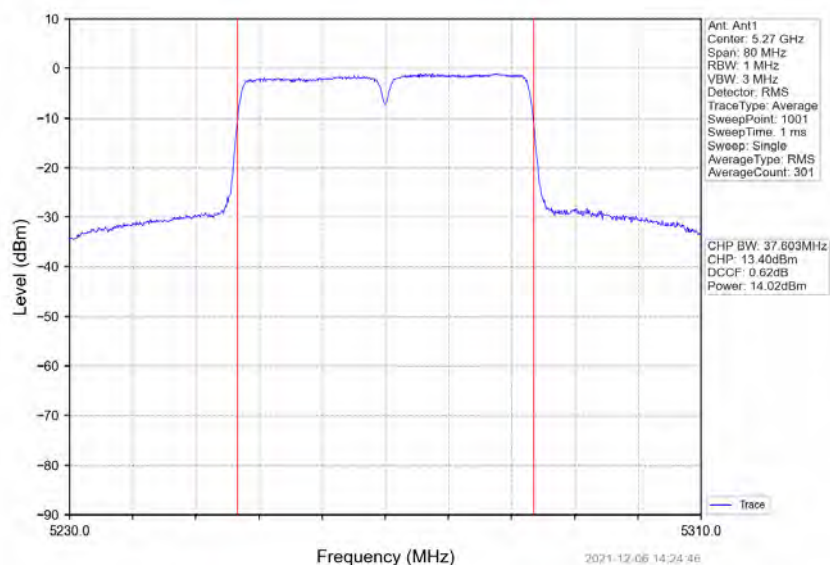


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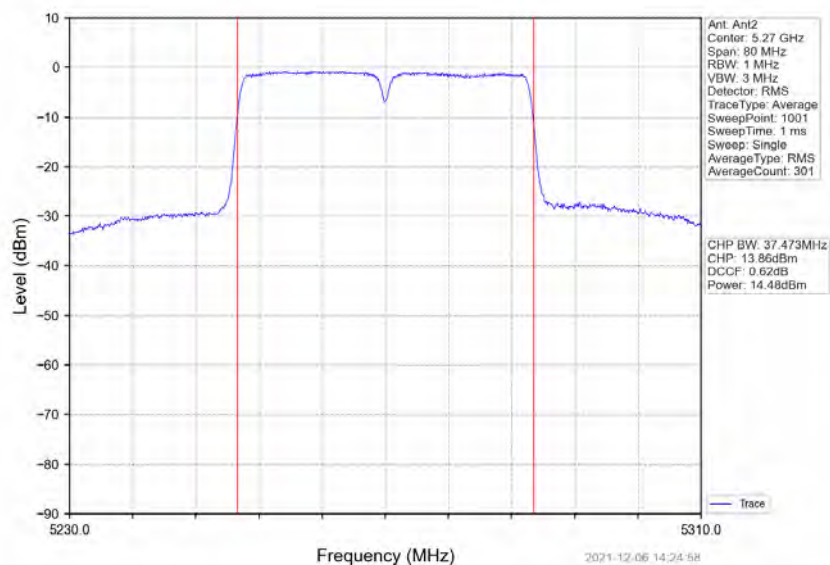
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802.11n(HT40)_LCH_5270MHz_Ant2_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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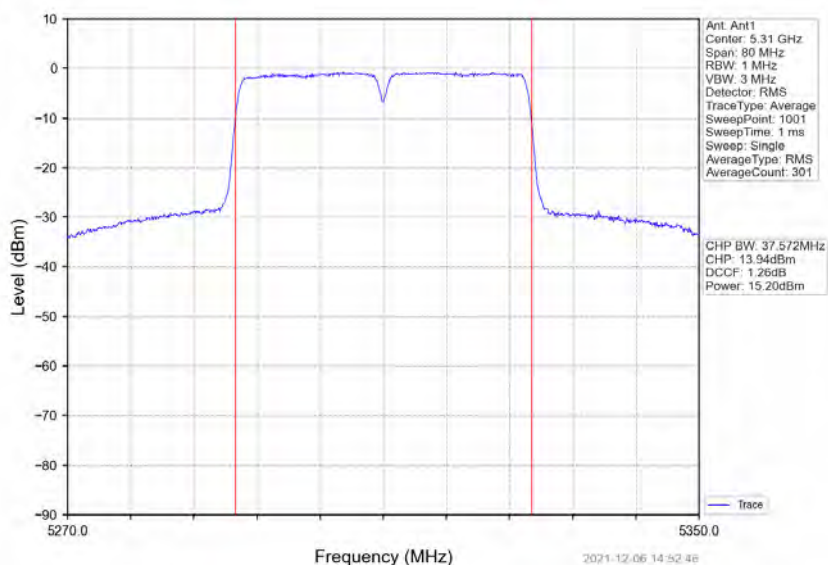
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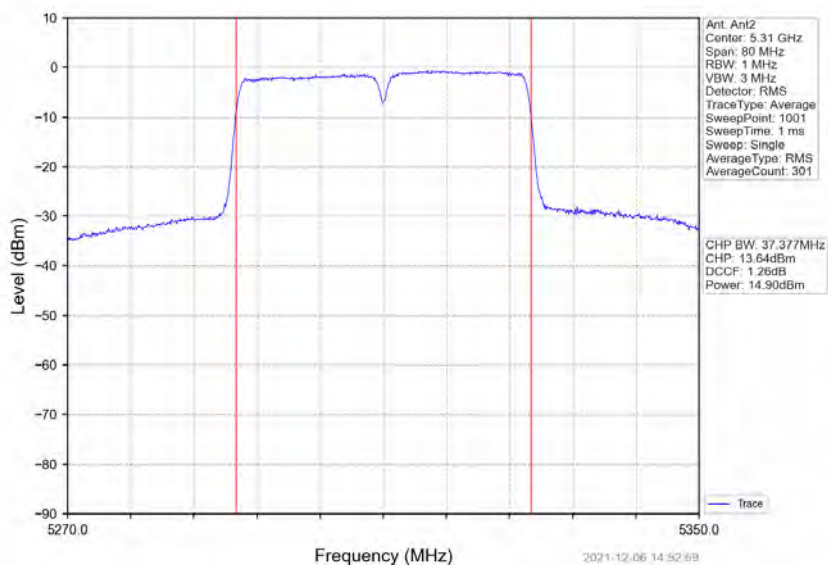
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802.11n(HT40)_HCH_5310MHz_Ant2_NTNV



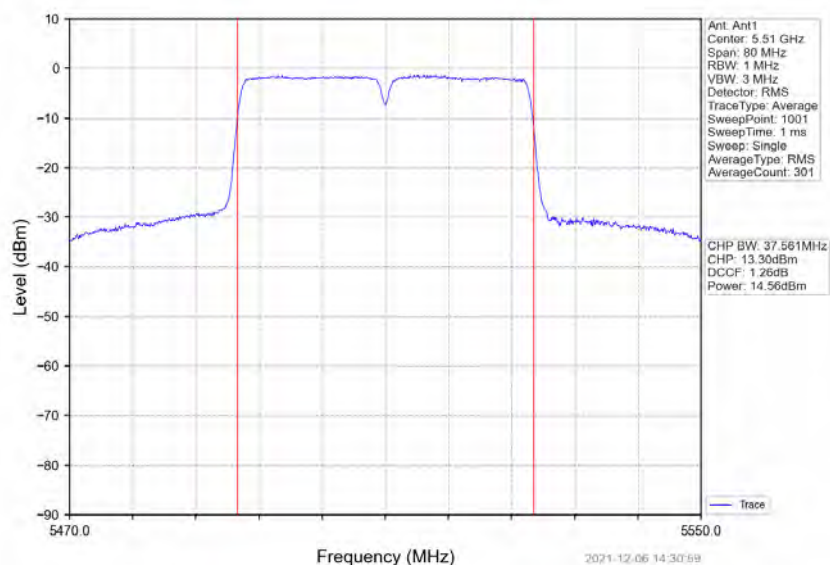
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

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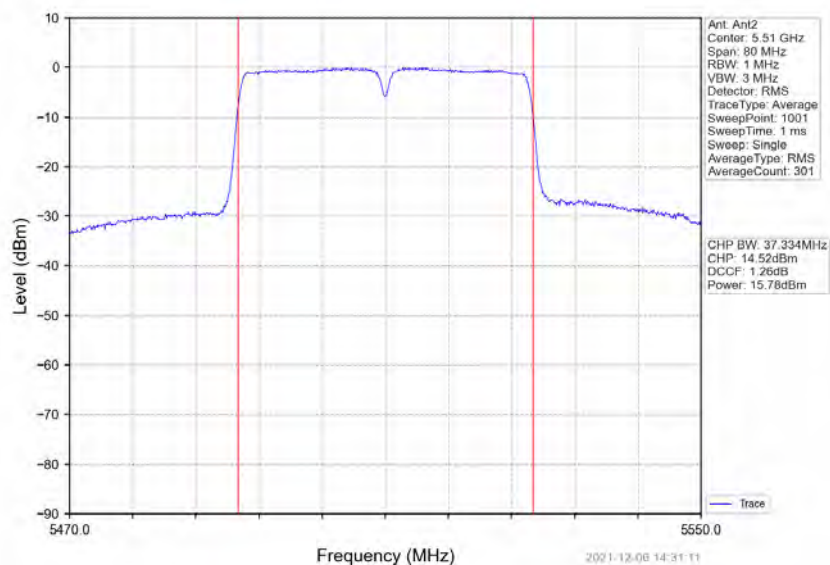
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802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



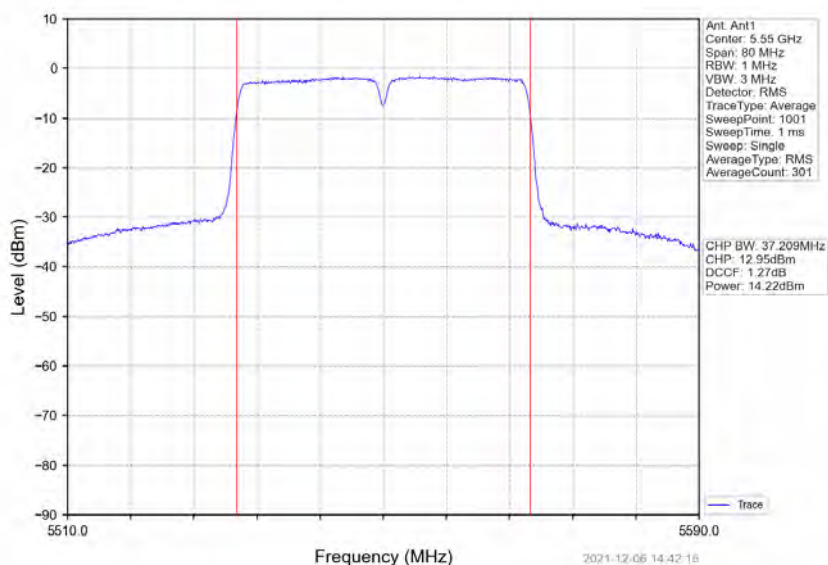
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

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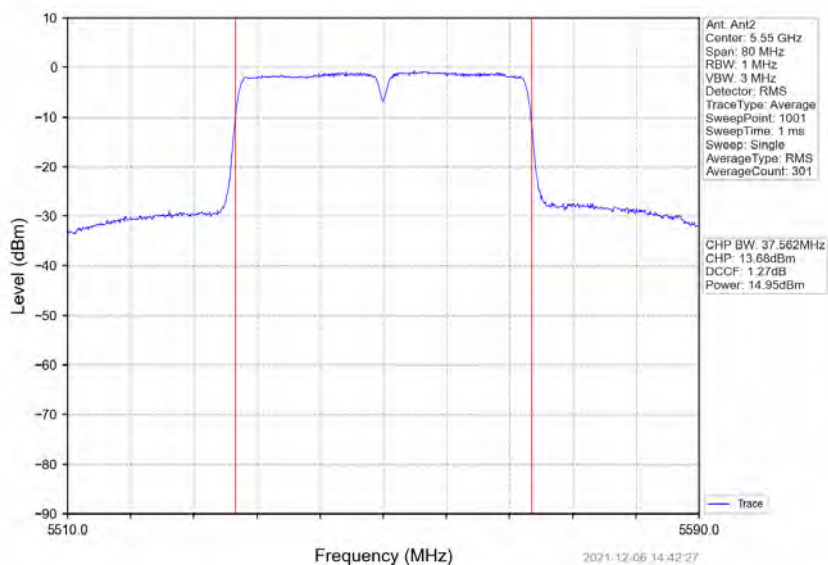
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802.11n(HT40)_MCH_5550MHz_Ant2_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV

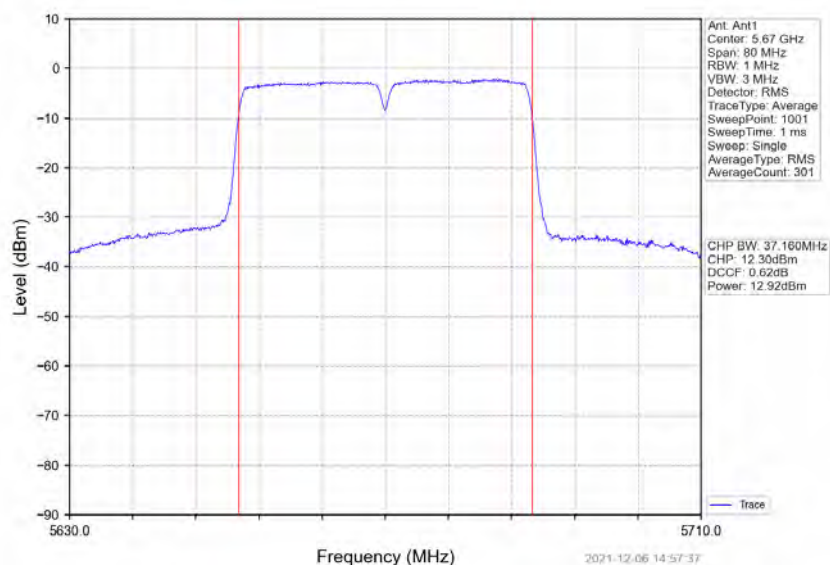


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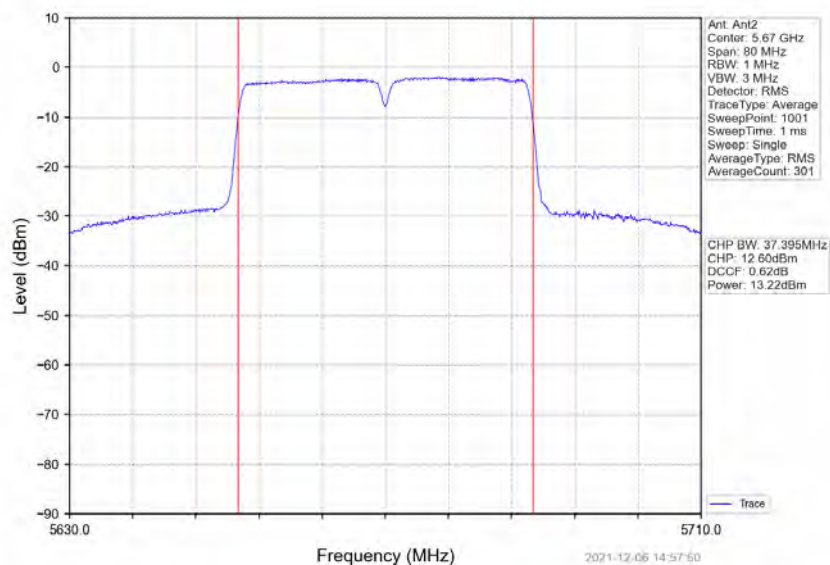
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802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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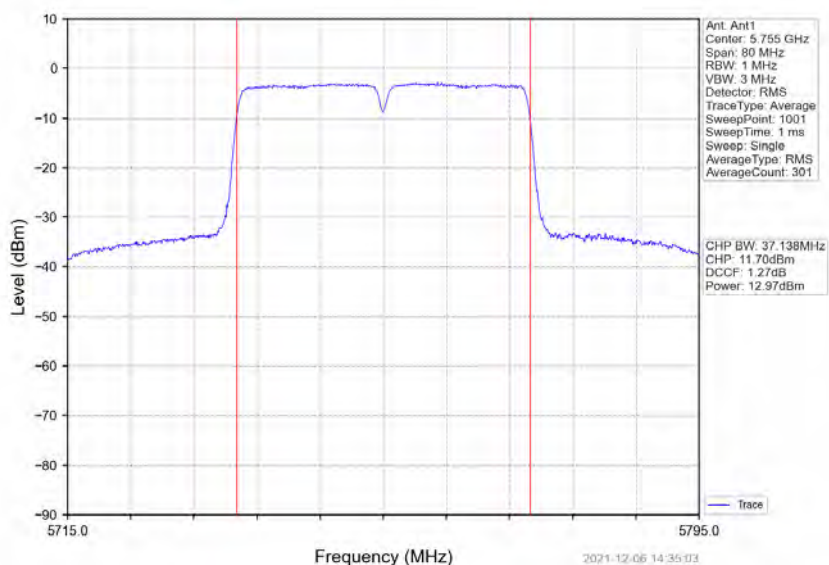
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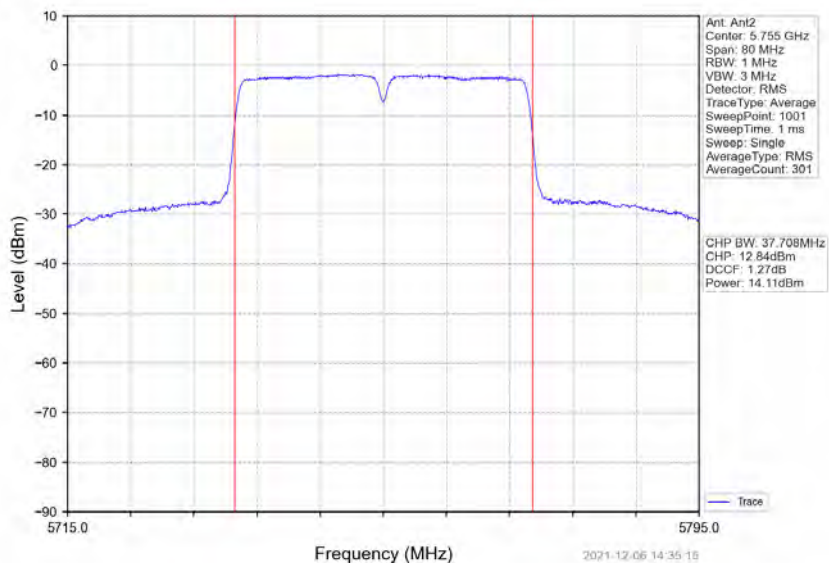
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802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

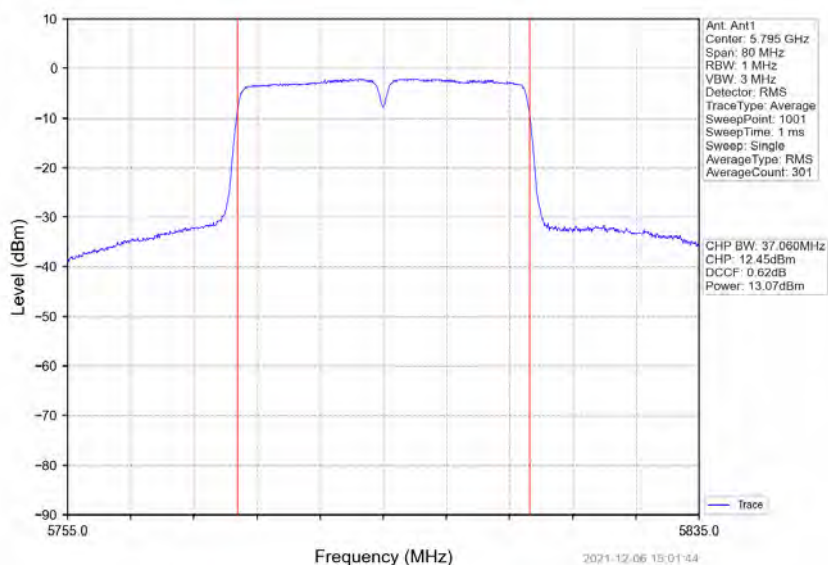


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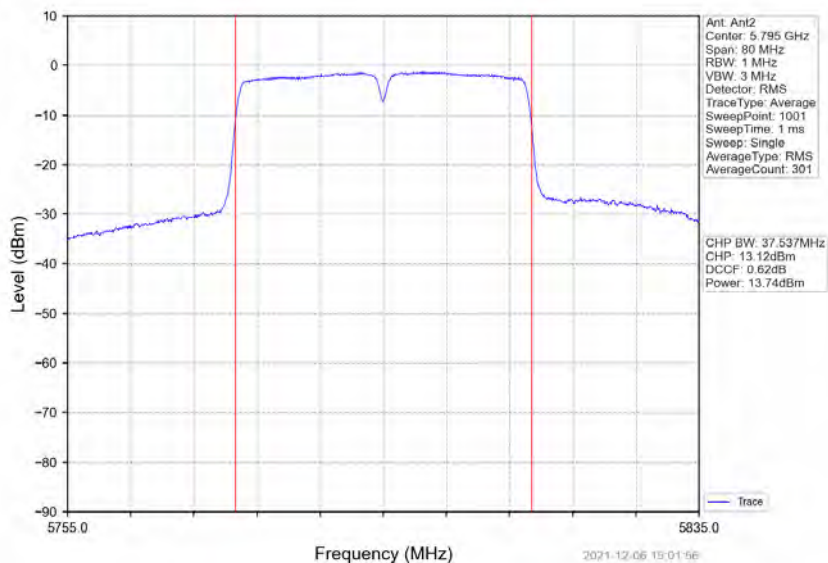
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802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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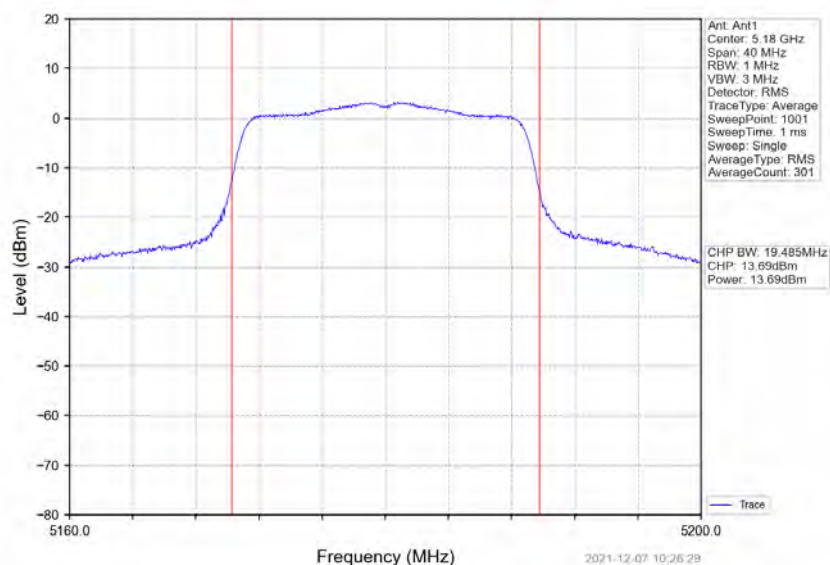
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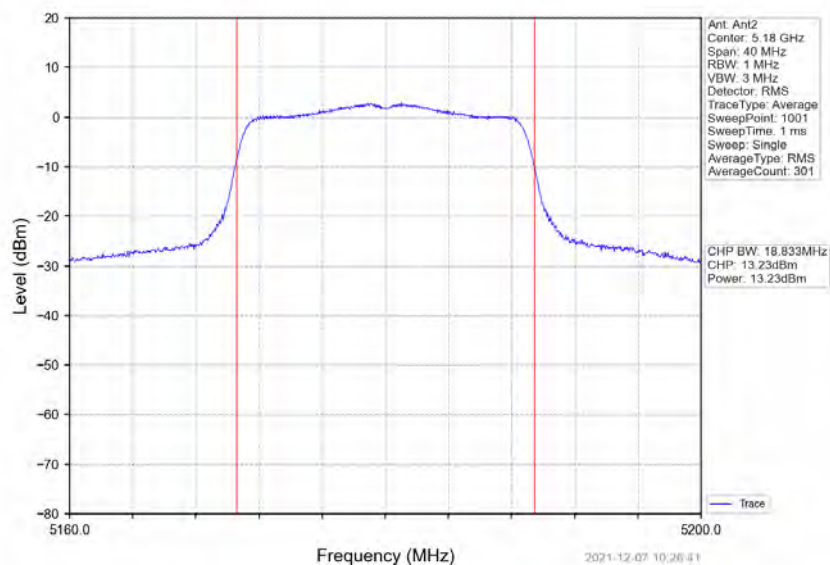
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802.11ac(VHT20) LCH 5180MHz Ant2 NTN



802.11ac(VHT20) MCH 5200MHz Ant1 NTN

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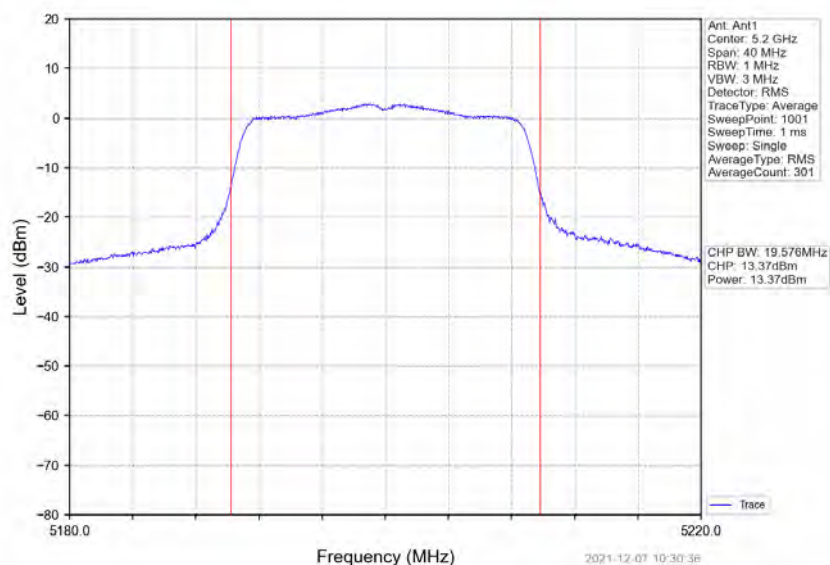
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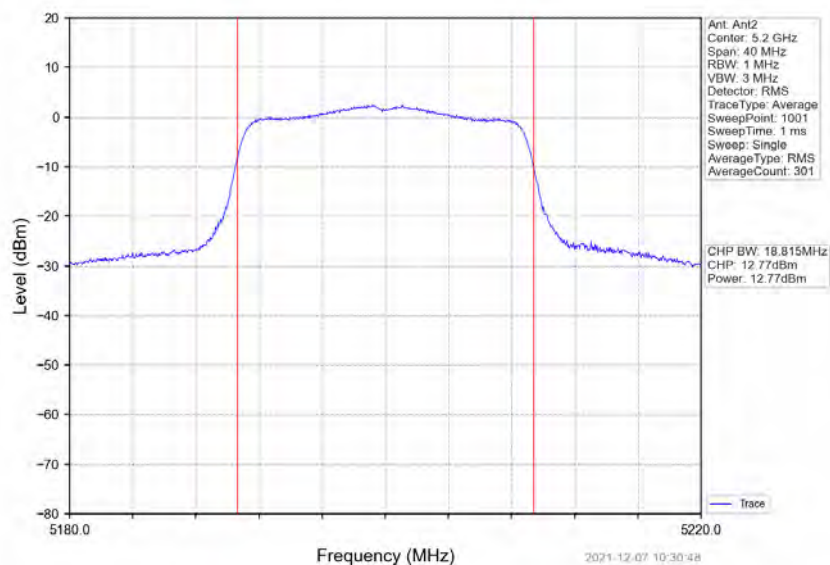
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802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

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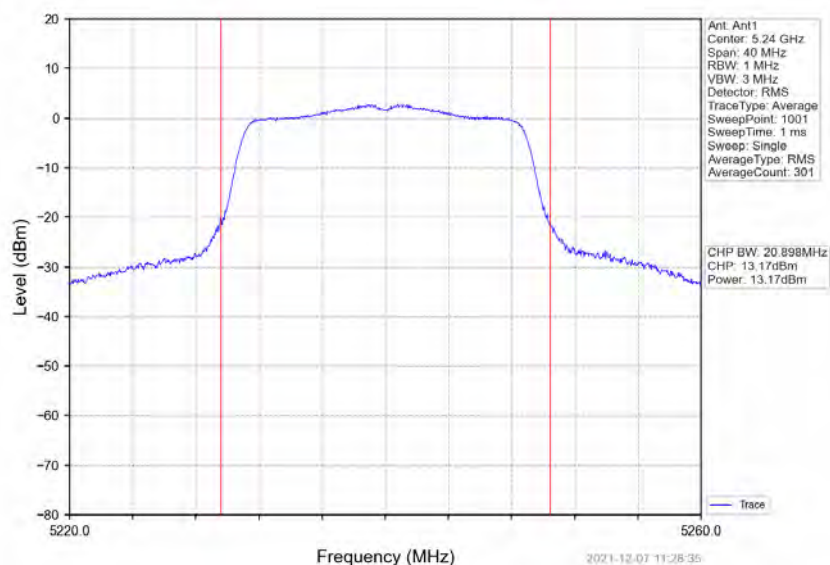
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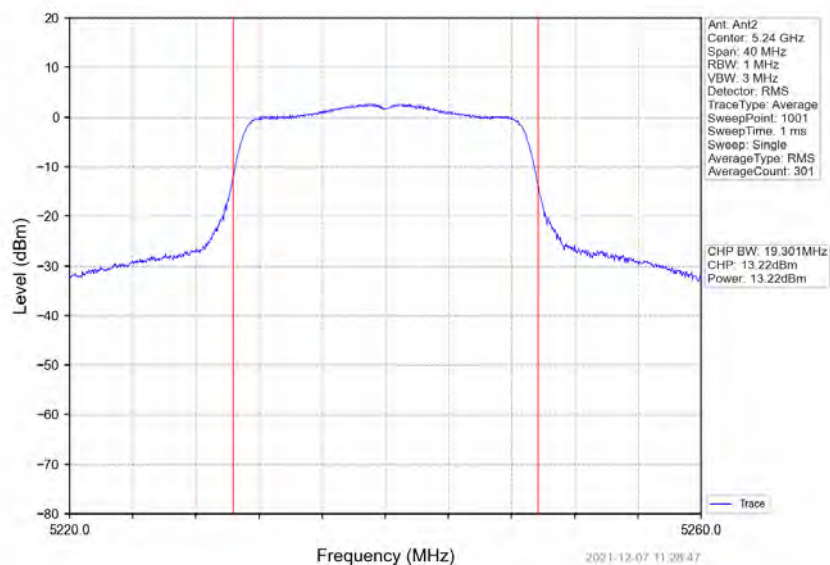
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802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



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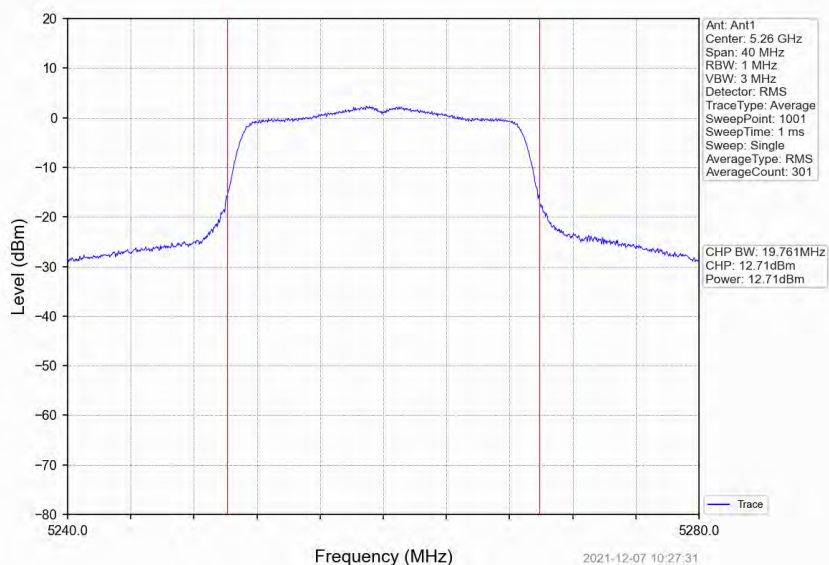
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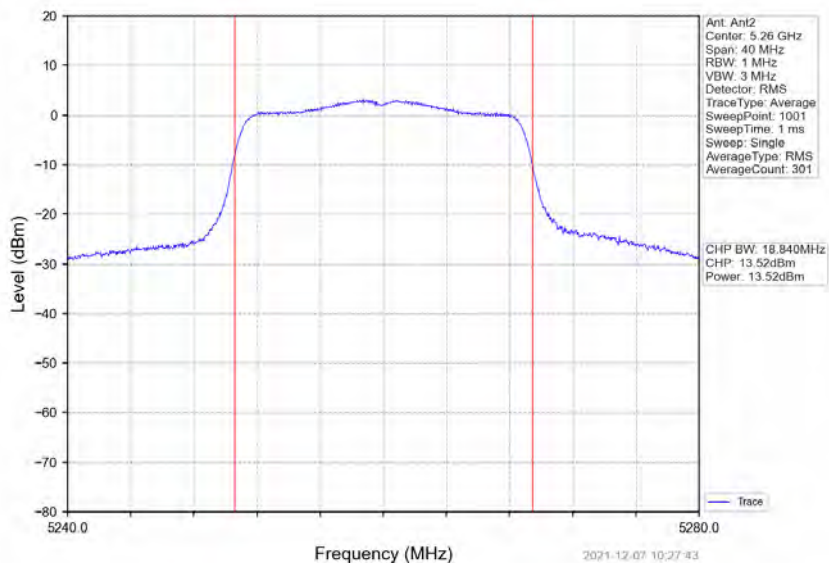
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802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV

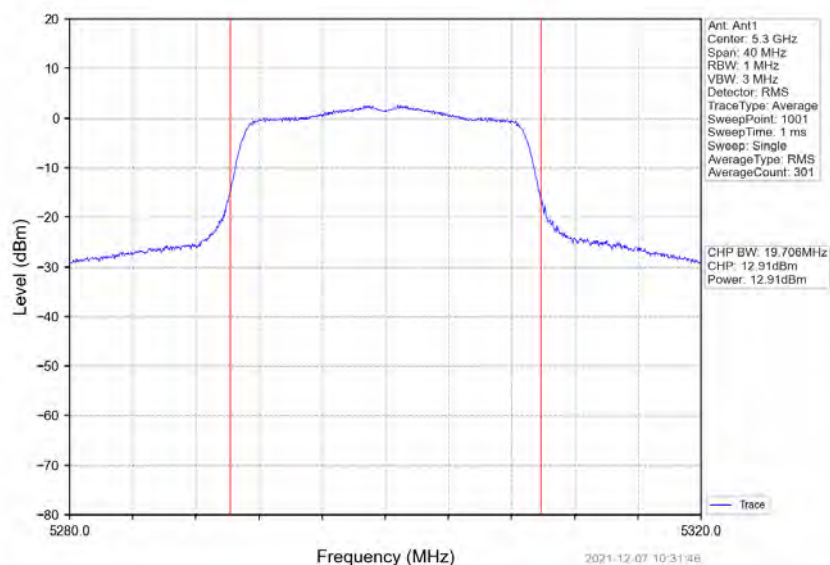


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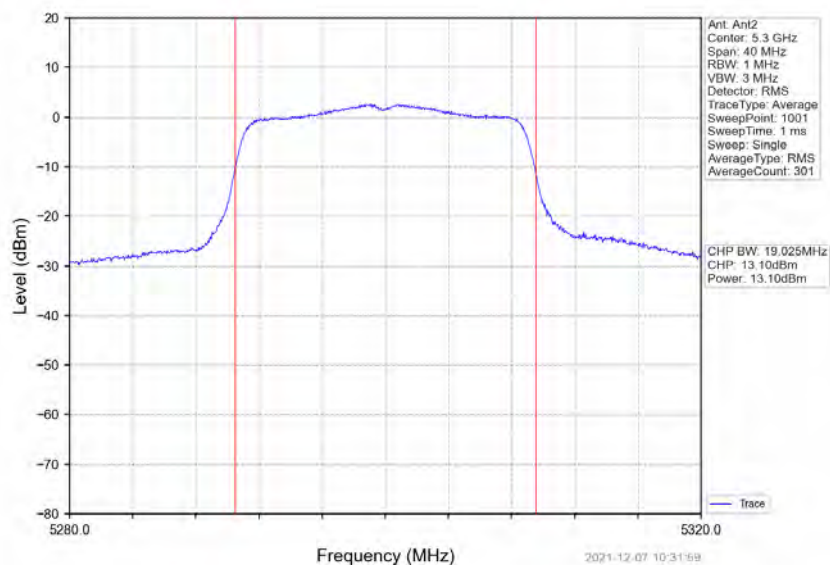
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802.11ac(VHT20)_MCH_5300MHz_Ant2_NTNV



802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



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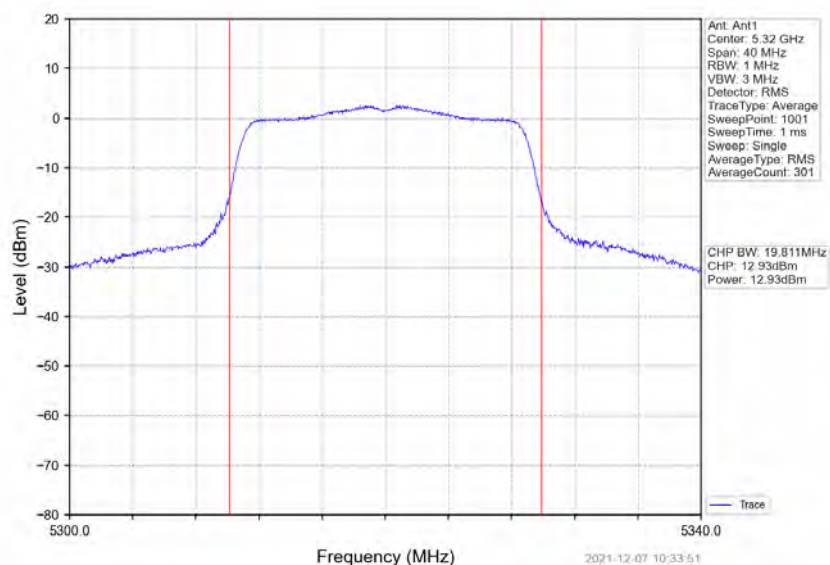
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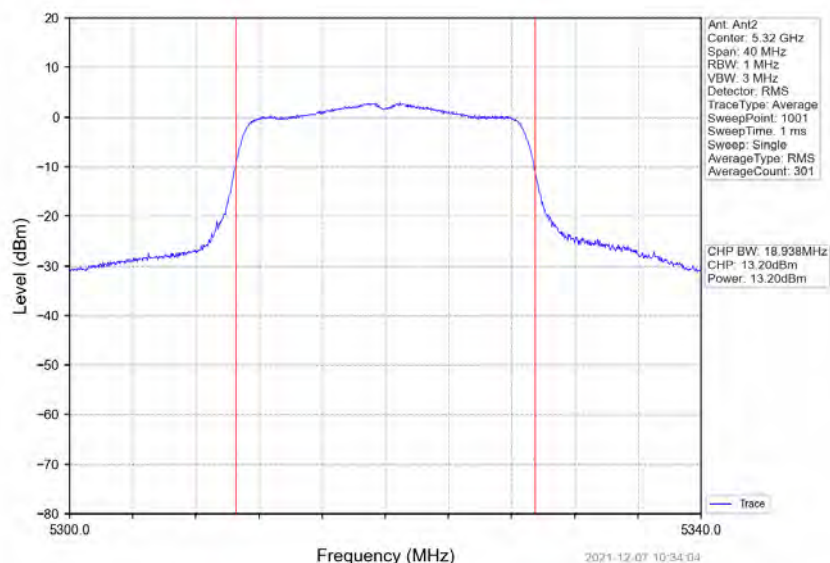
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802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

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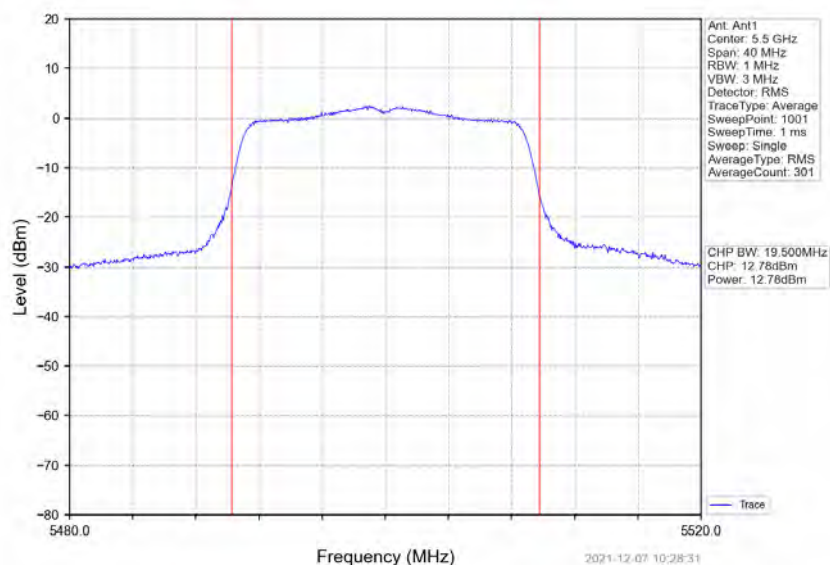
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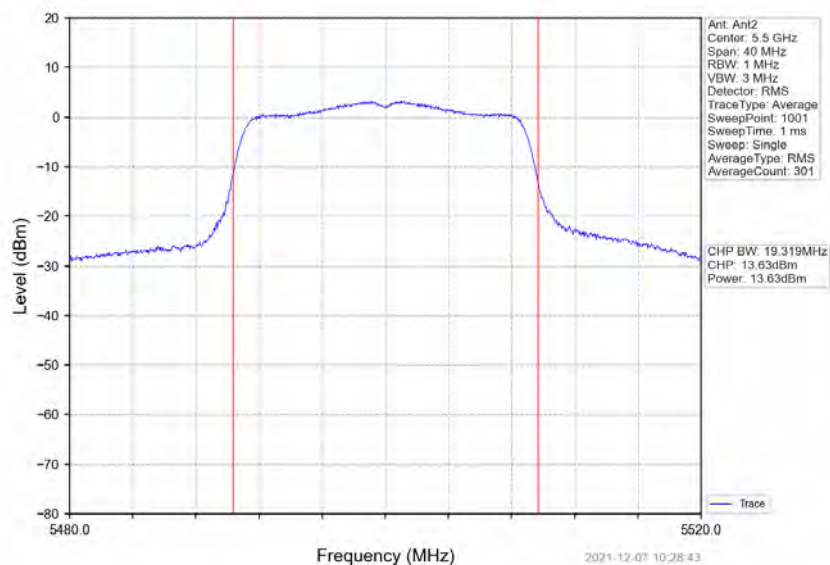
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802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV

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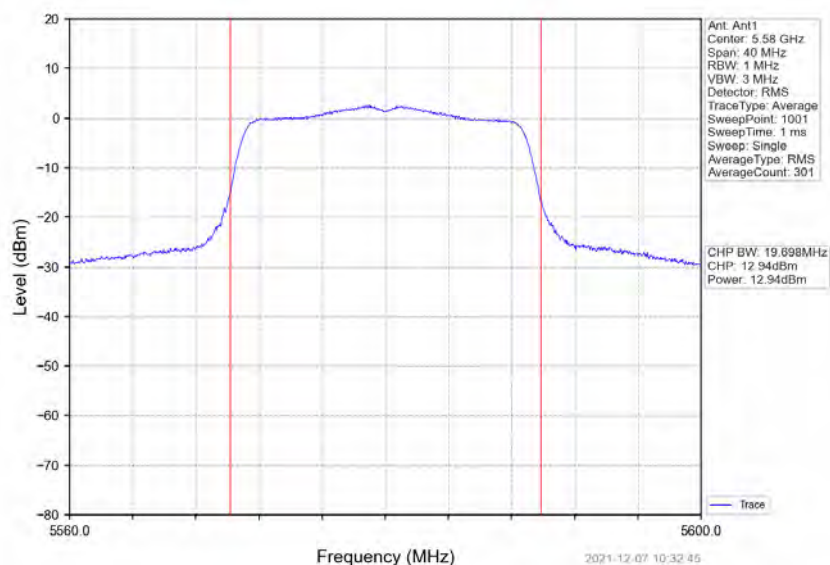
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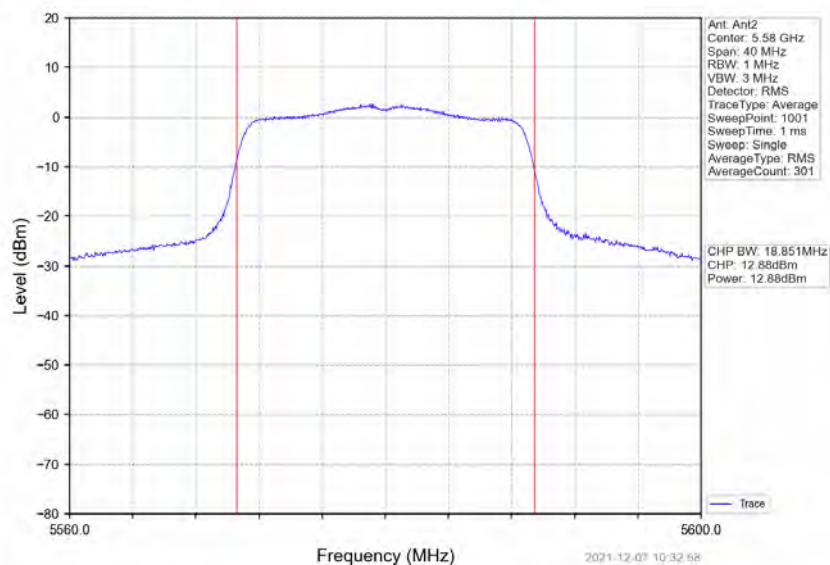
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802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

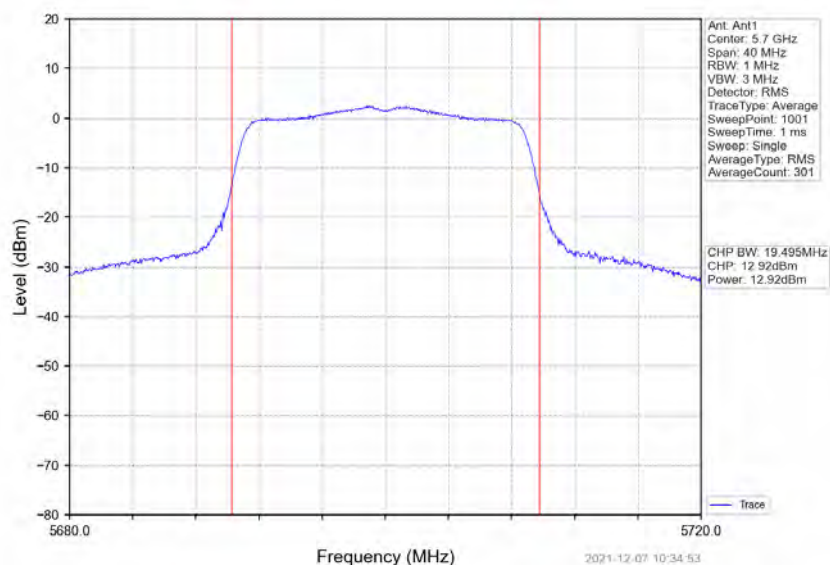


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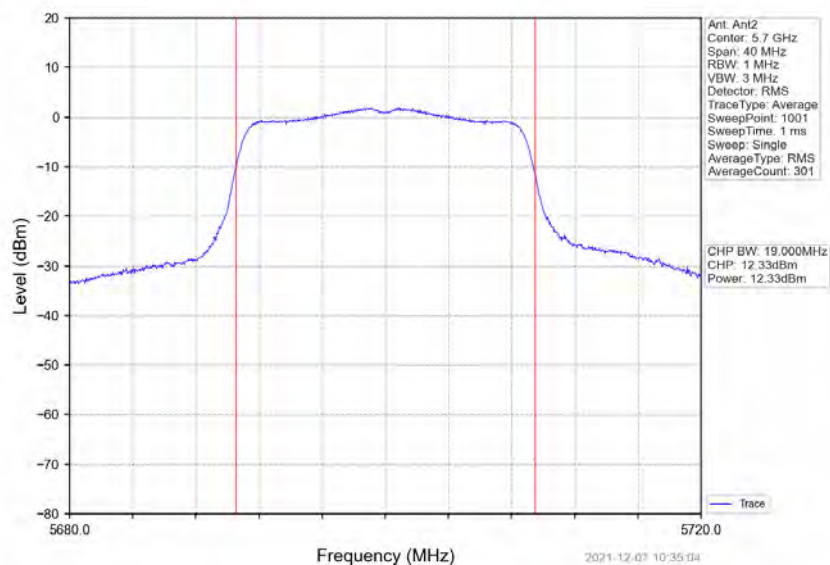
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802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

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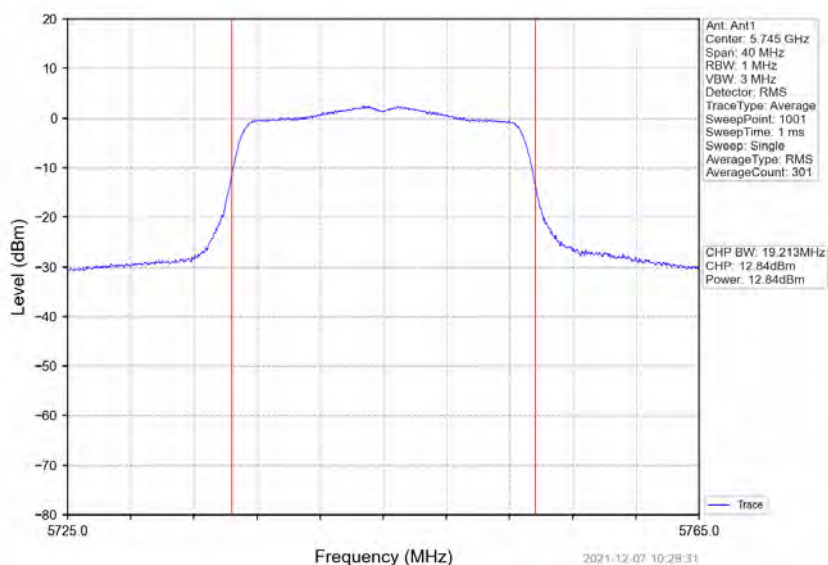
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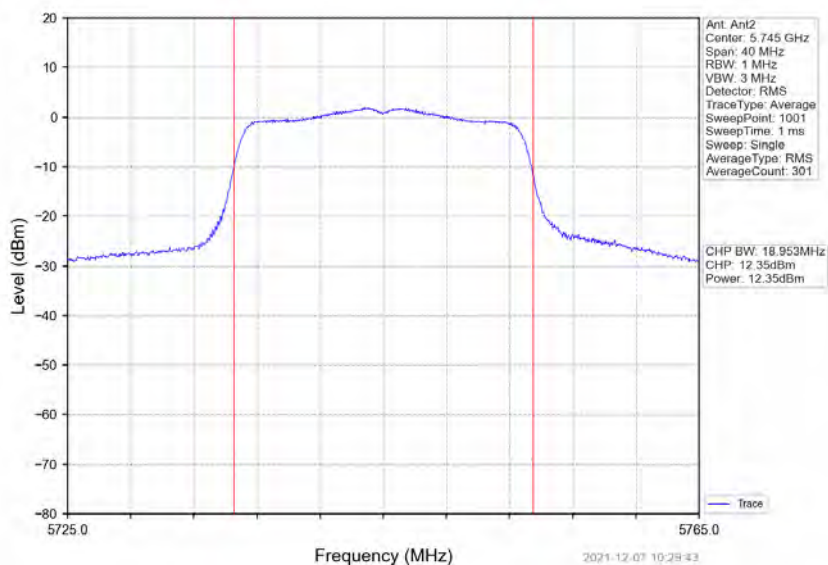
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802.11ac(VHT20) LCH 5745MHz Ant2 NTN



802.11ac(VHT20) MCH 5785MHz Ant1 NTN



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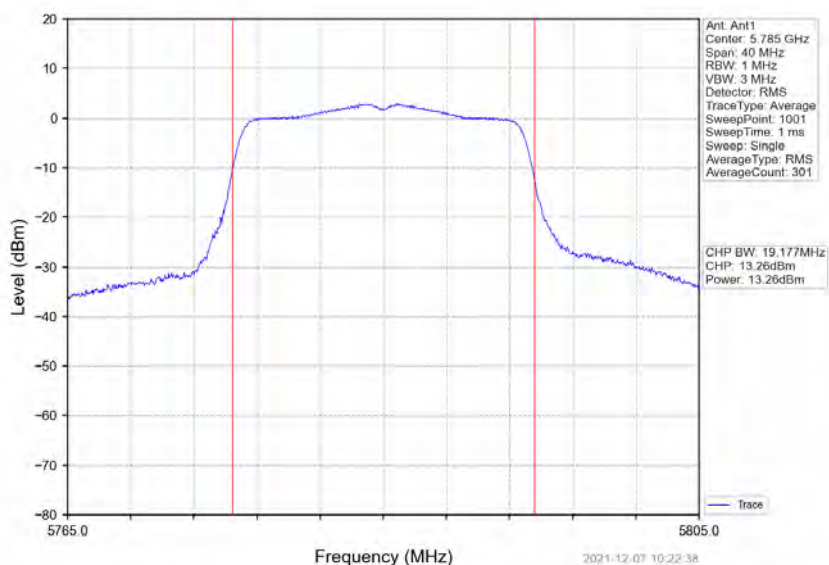
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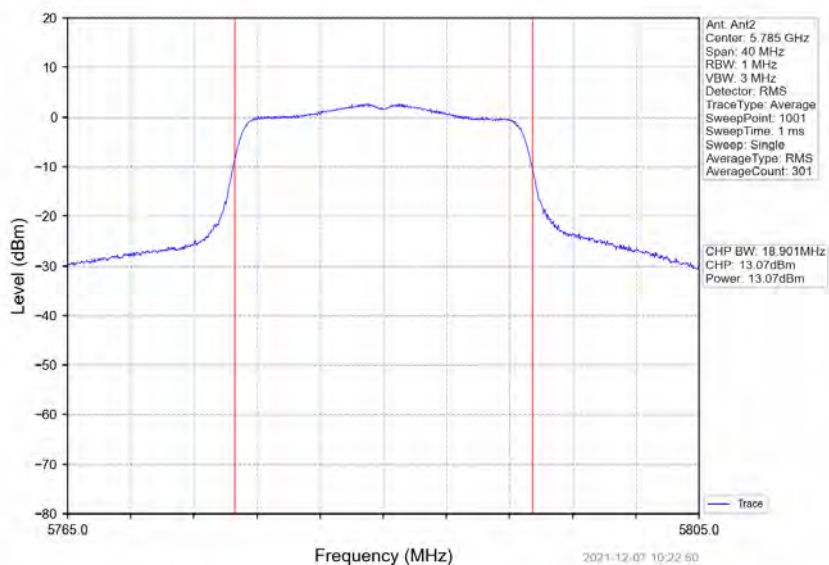
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

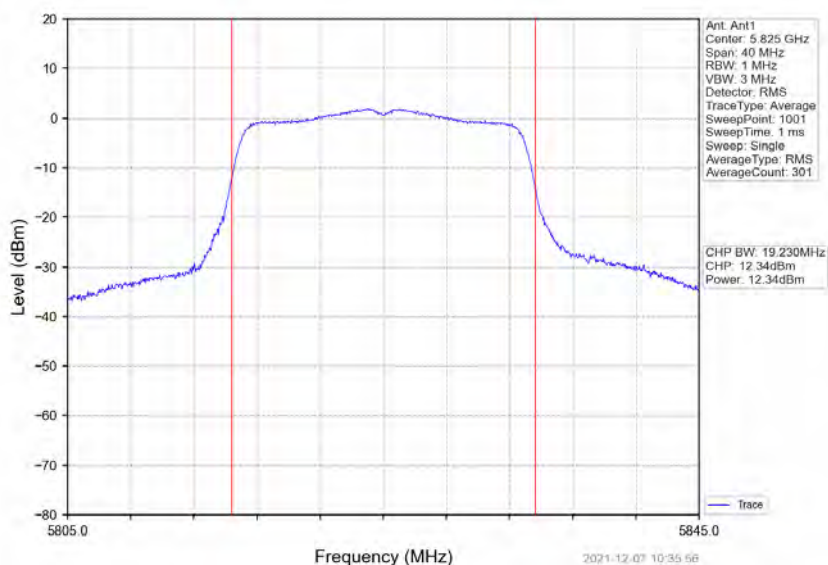


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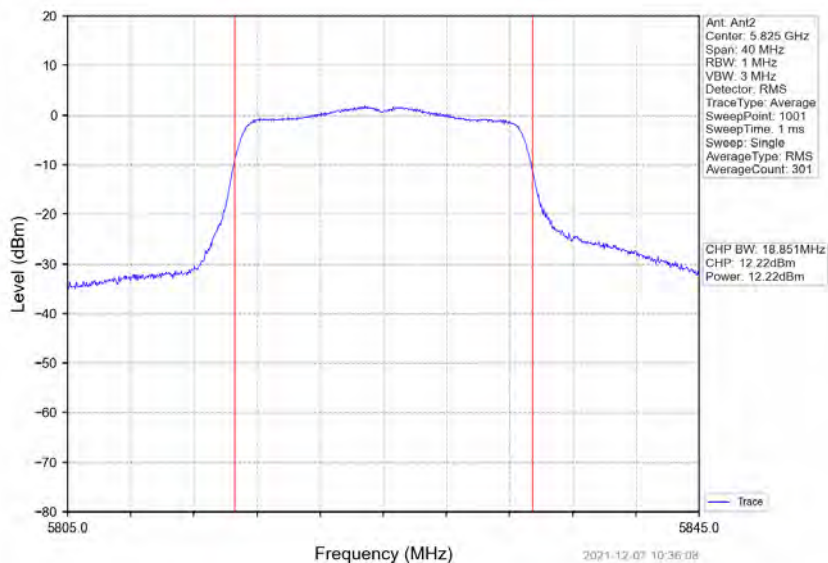
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802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



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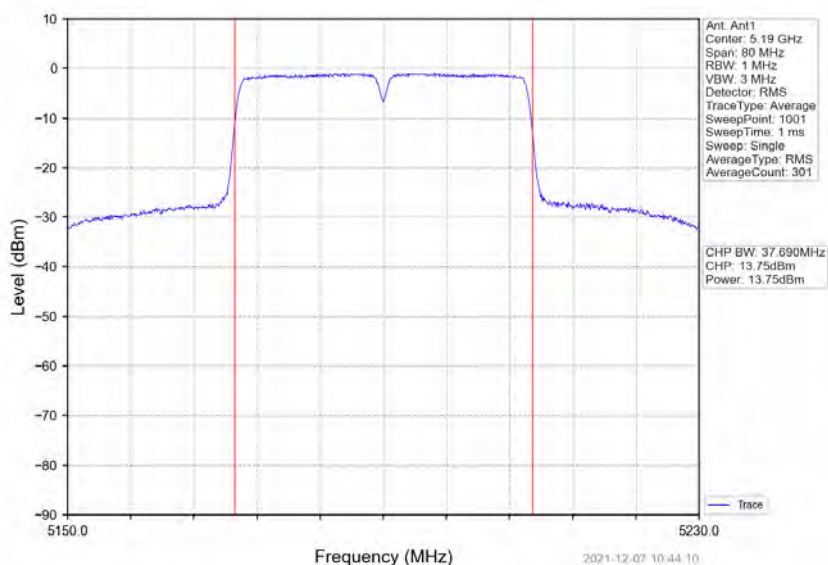
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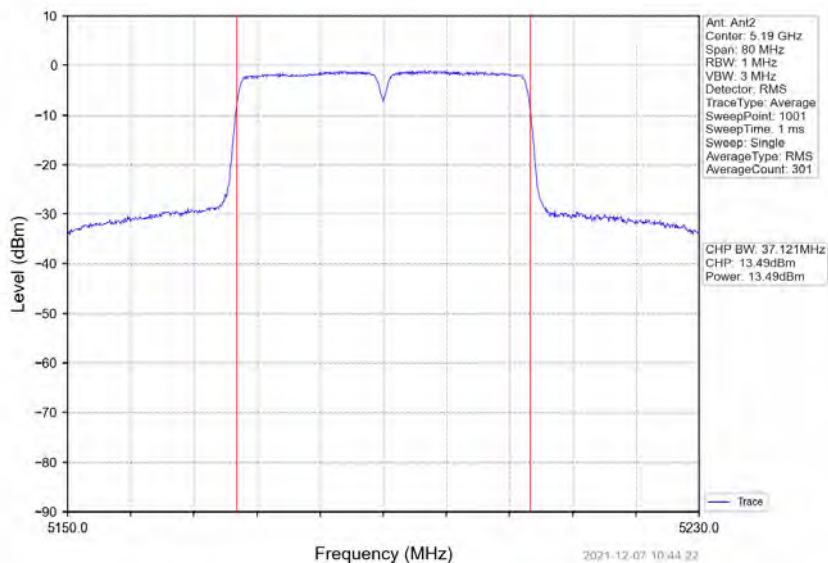
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802.11ac(VHT40) LCH 5190MHz Ant2 NTN



802.11ac(VHT40) HCH 5230MHz Ant1 NTN

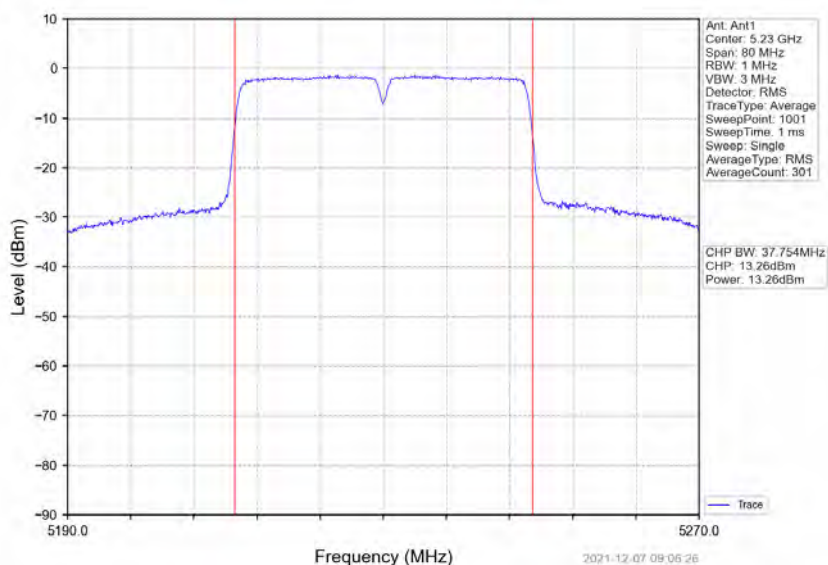


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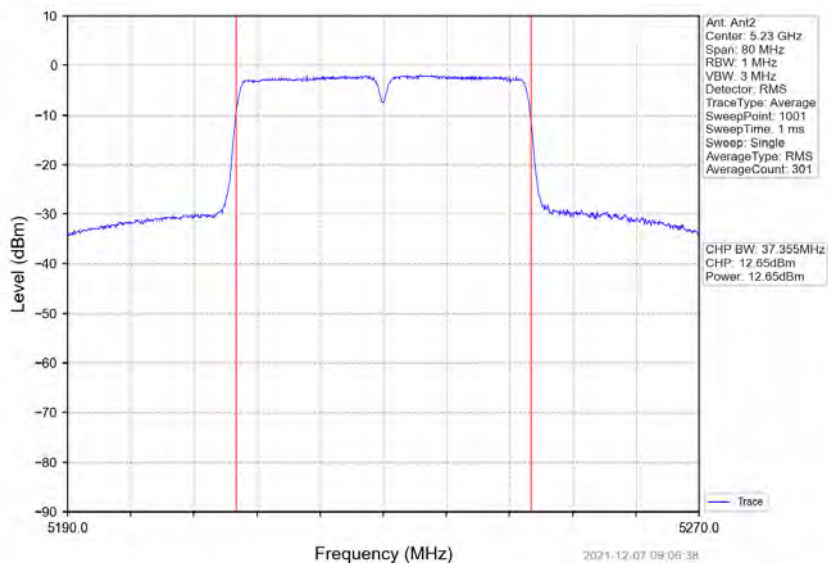
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802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



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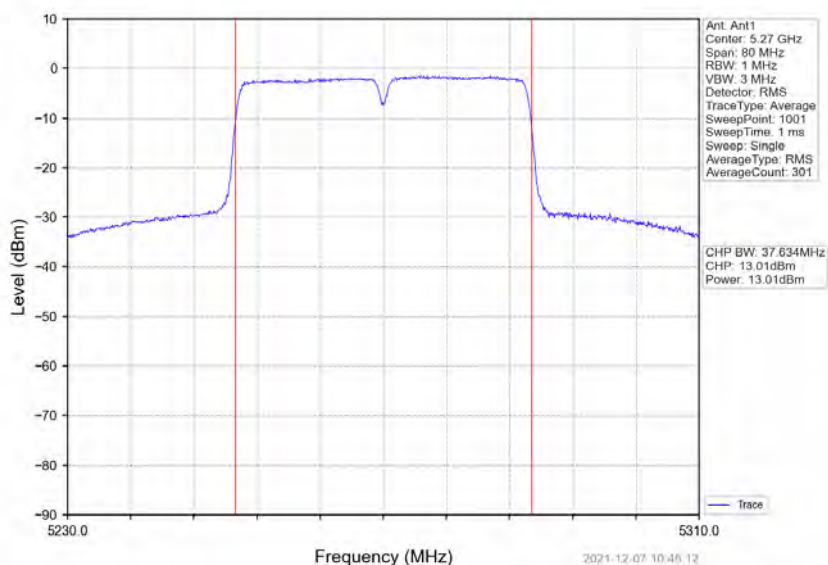
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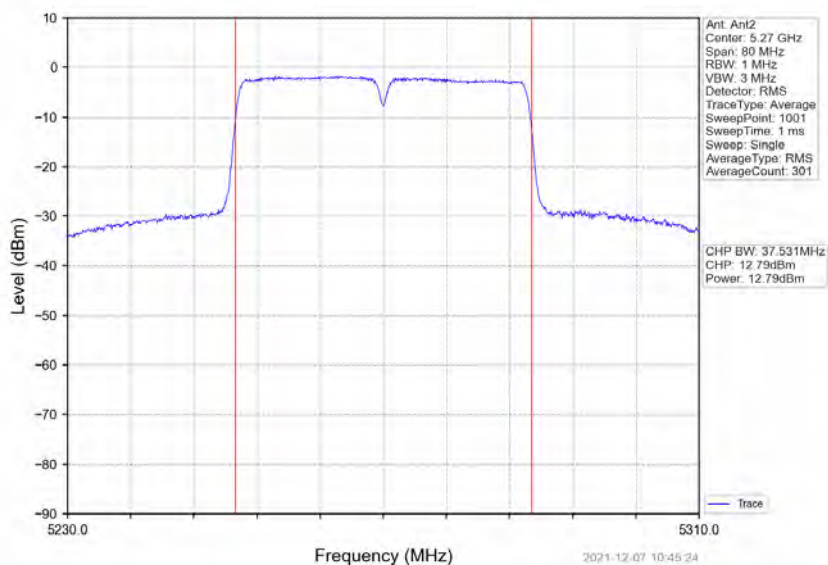
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802.11ac(VHT40) LCH 5270MHz Ant2 NTN



802.11ac(VHT40) HCH 5310MHz Ant1 NTN

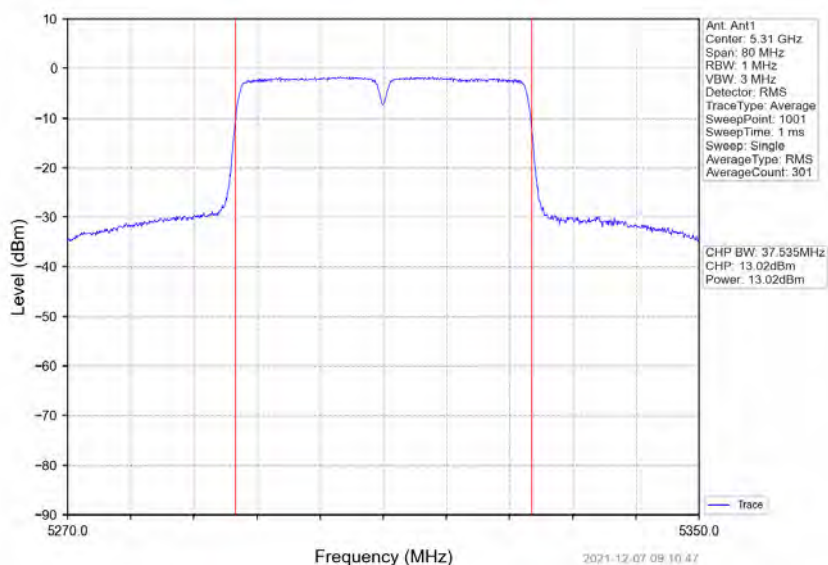


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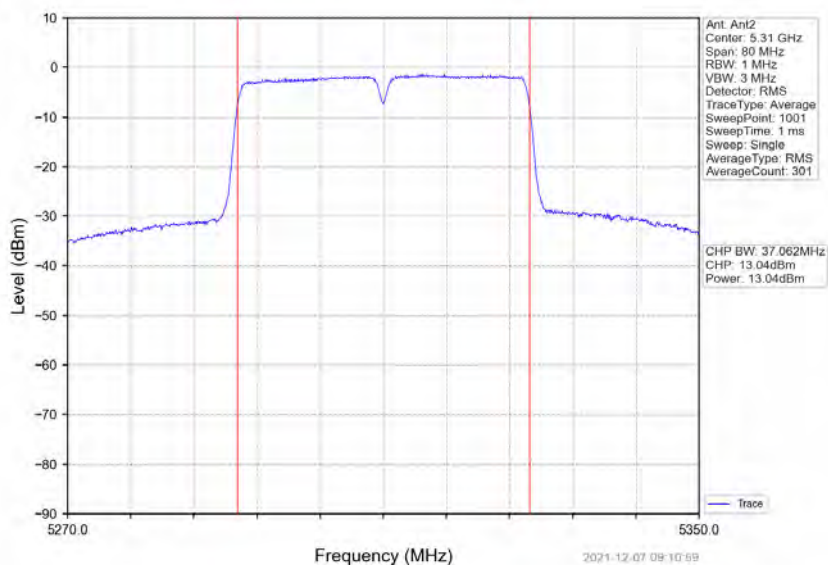
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802.11ac(VHT40)_HCH_5310MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



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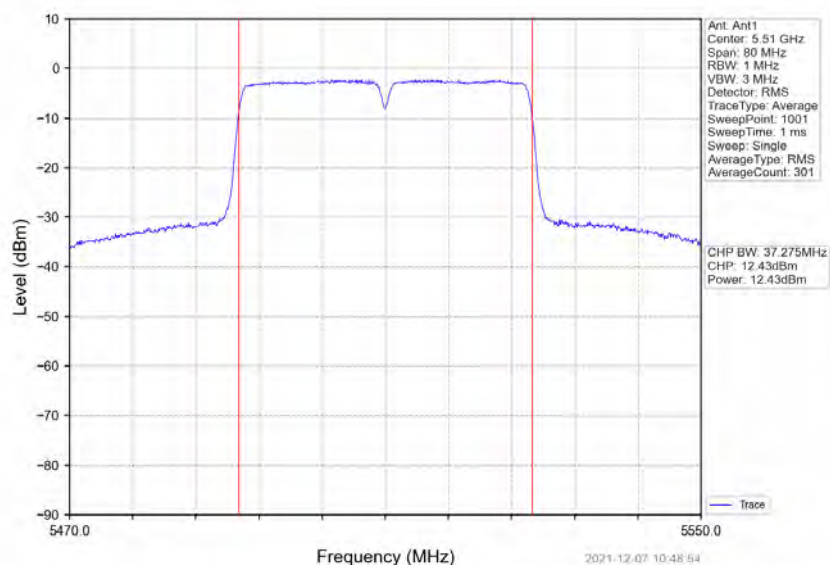
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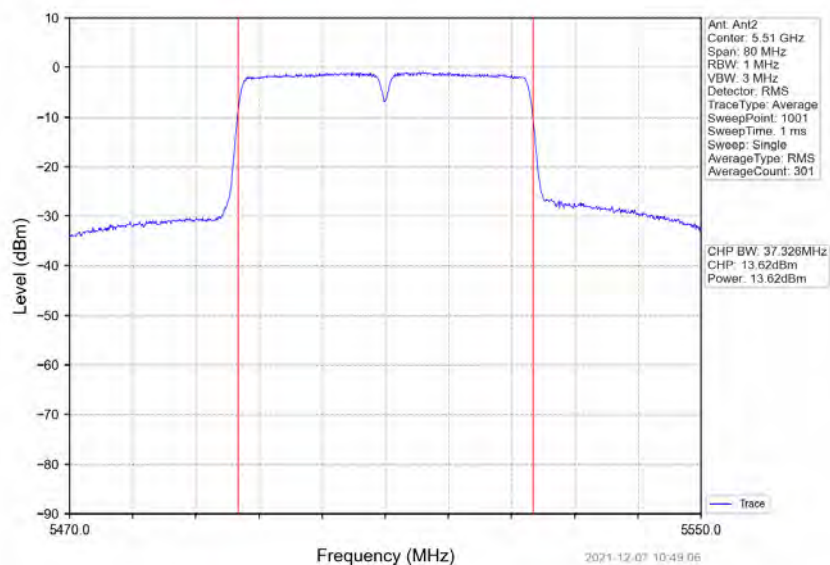
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802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



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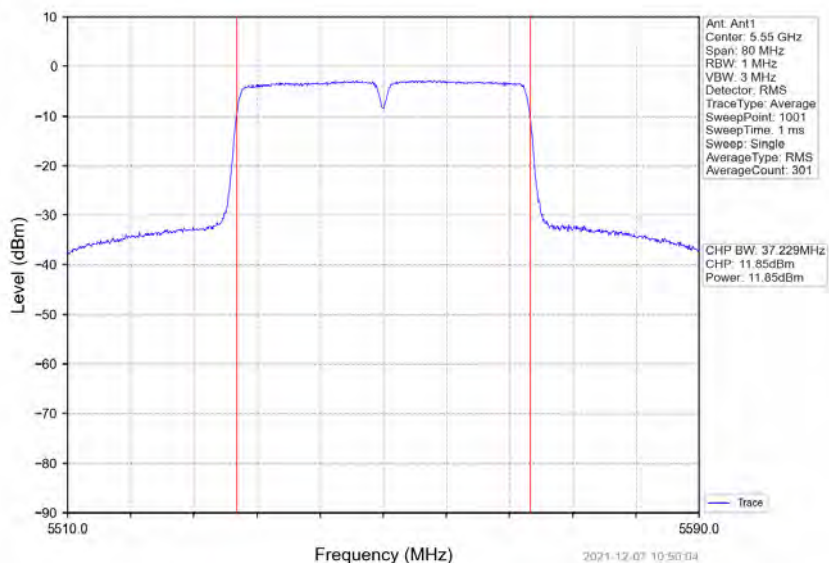
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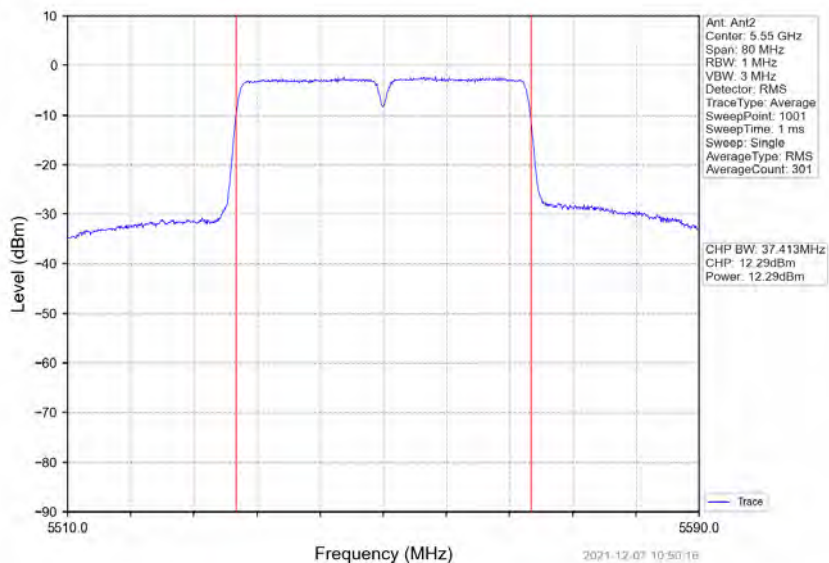
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802.11ac(VHT40)_MCH_5550MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV

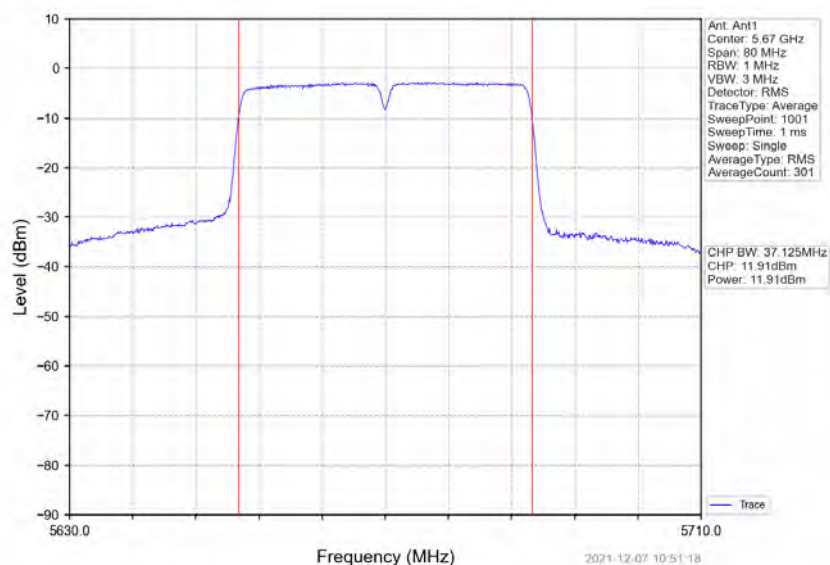


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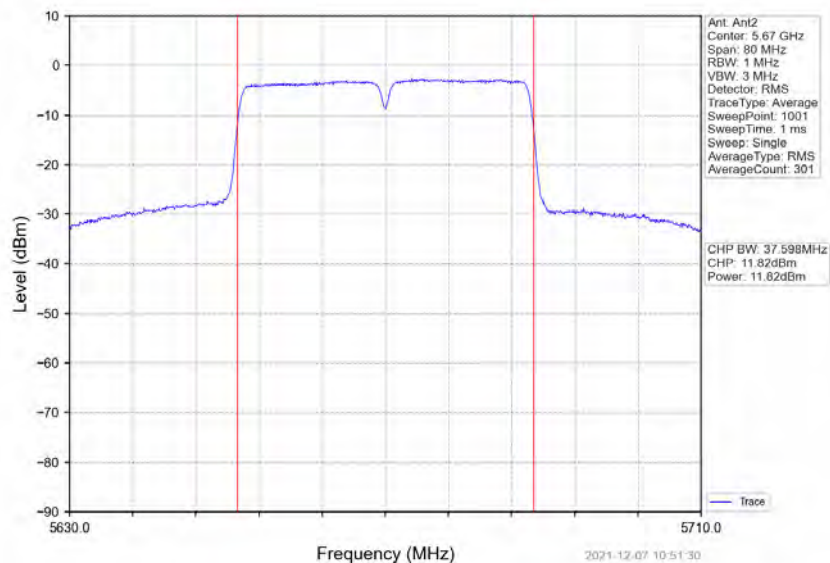
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802.11ac(VHT40)_HCH_5670MHz_Ant2_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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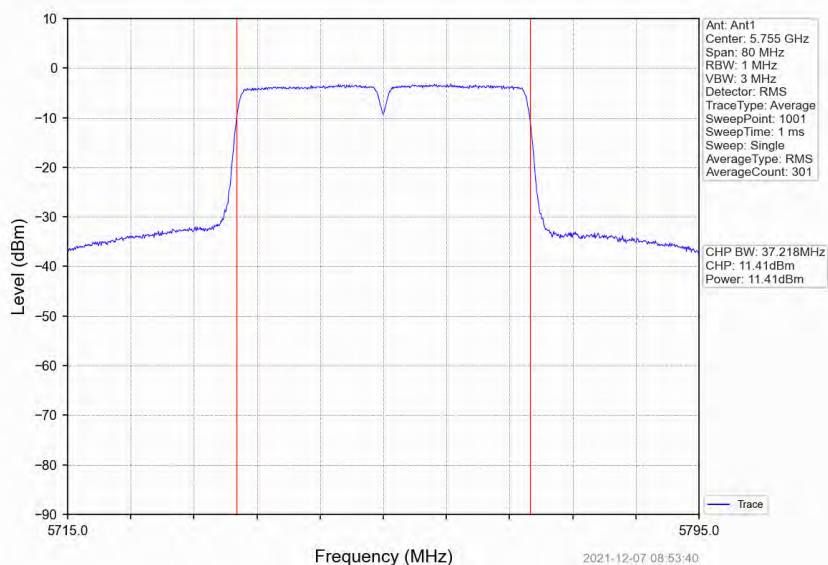
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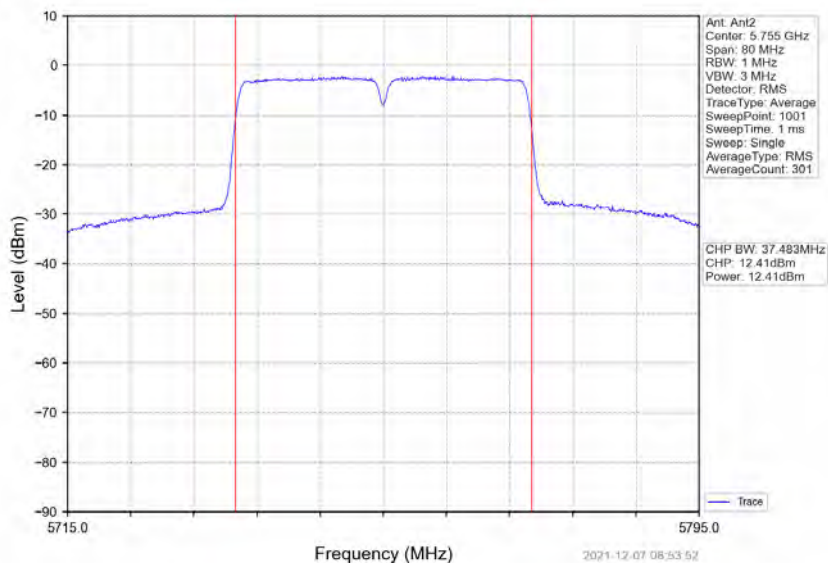
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802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

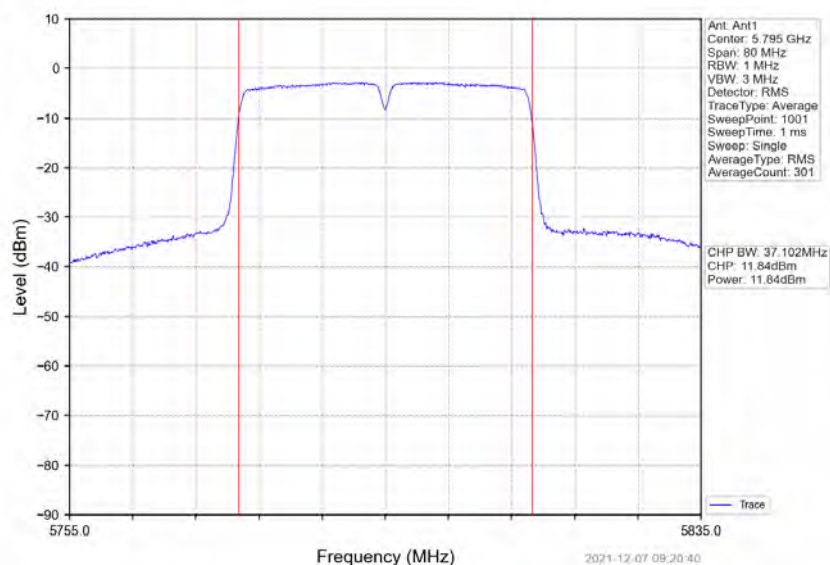


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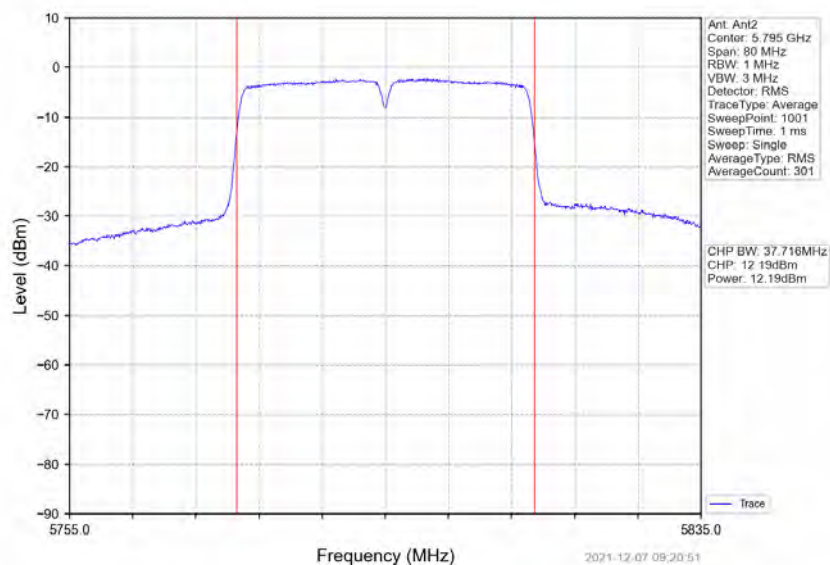
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802.11ac(VHT40) HCH 5795MHz Ant2 NTN



802.11ac(VHT80) MCH 5210MHz Ant1 NTN



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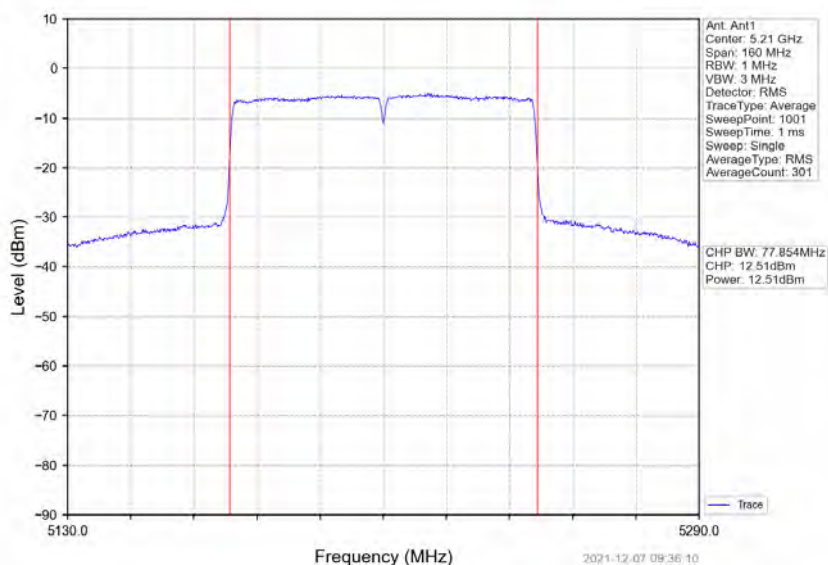
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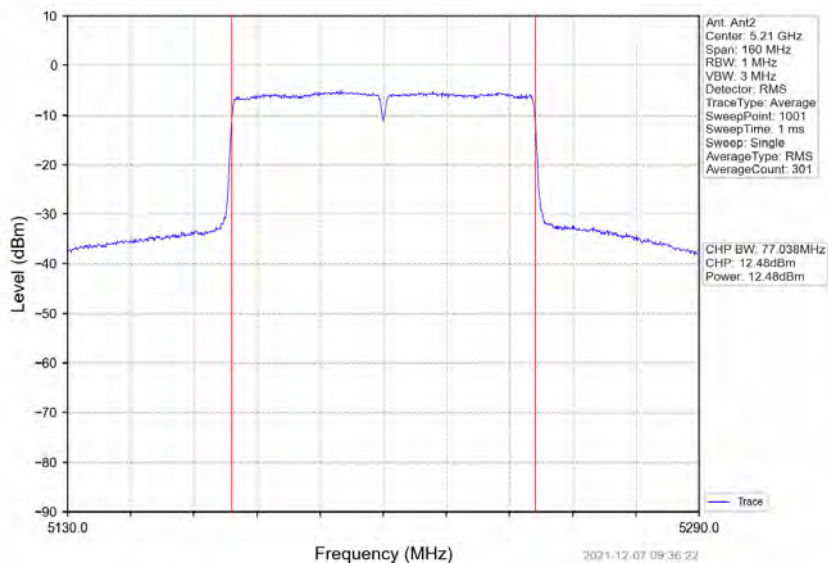
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802.11ac(VHT80) MCH 5210MHz Ant2 NTN



802.11ac(VHT80) MCH 5290MHz Ant1 NTN



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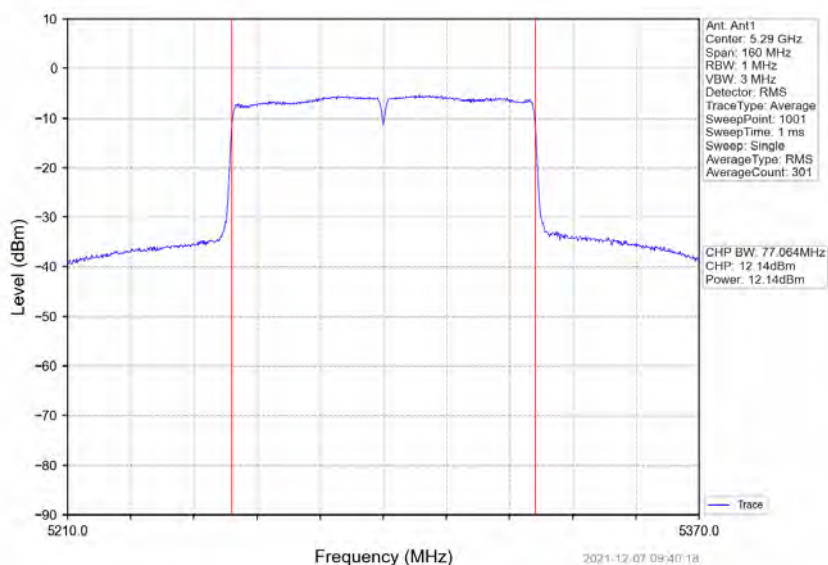
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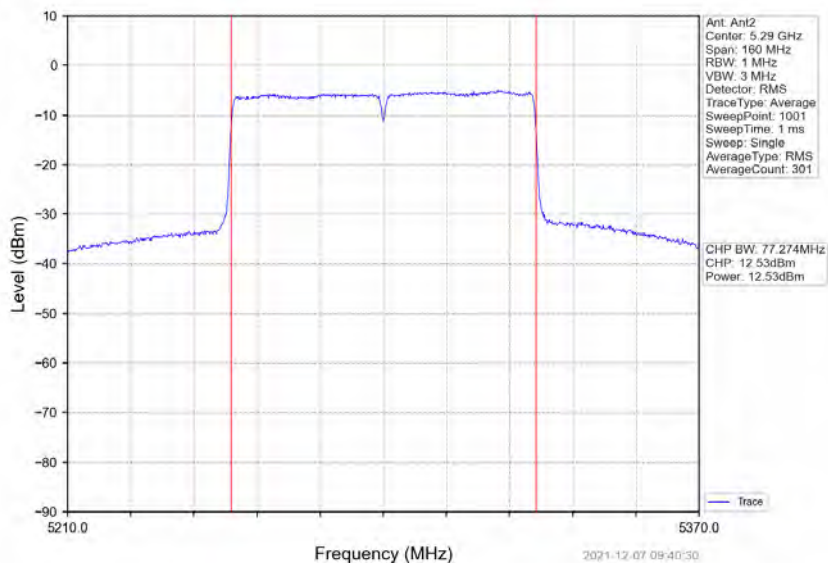
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802.11ac(VHT80) MCH 5290MHz Ant2 NTN



802.11ac(VHT80) LCH 5530MHz Ant1 NTN

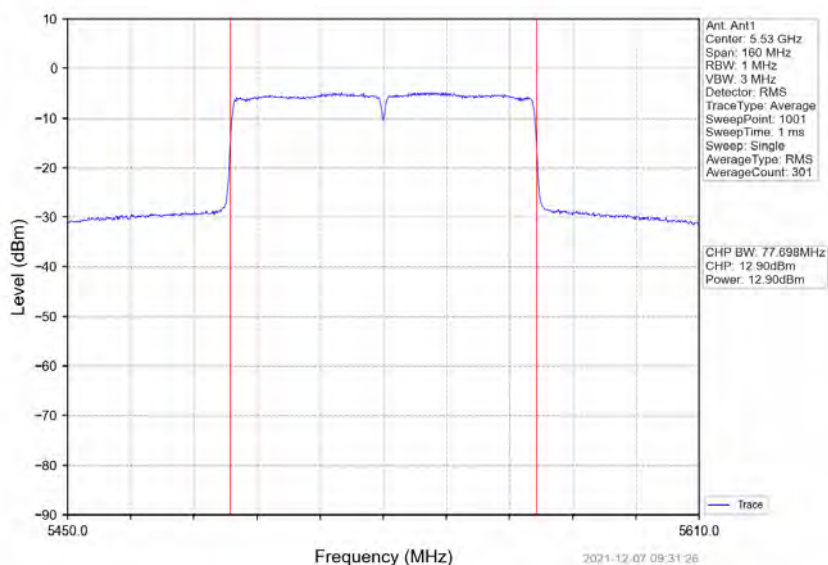


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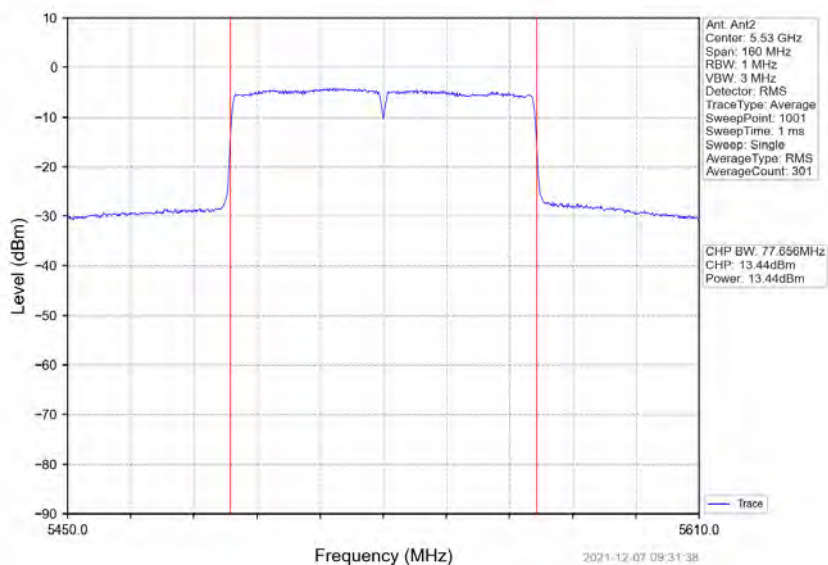
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802.11ac(VHT80) LCH 5530MHz Ant2 NTN



802.11ac(VHT80) HCH 5610MHz Ant1 NTN



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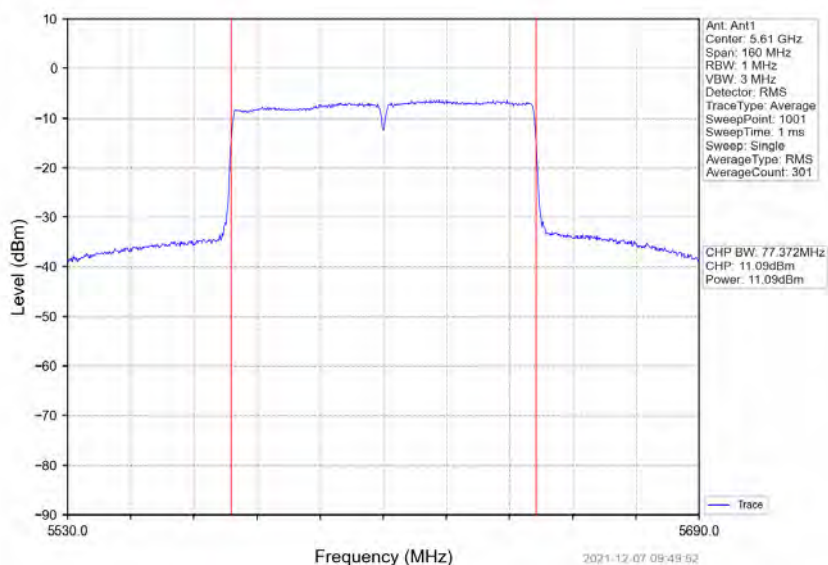
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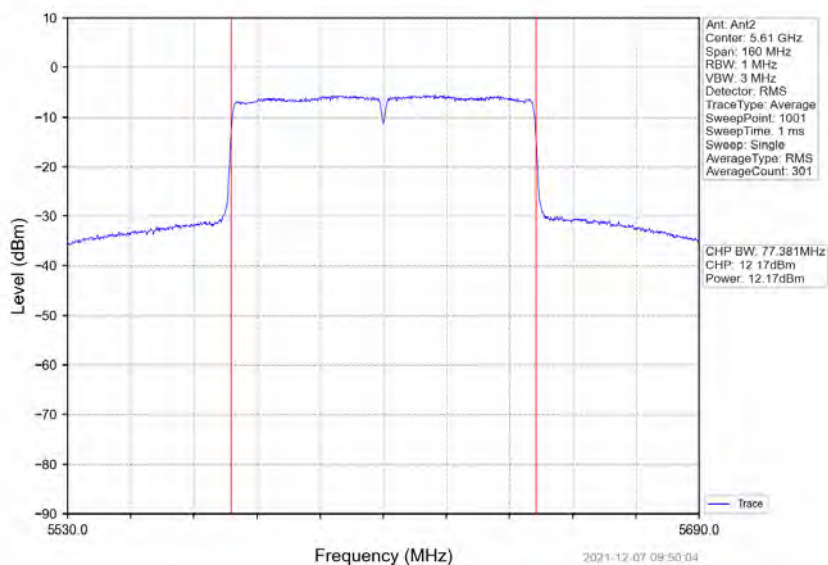
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802.11ac(VHT80) HCH 5610MHz Ant2 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN

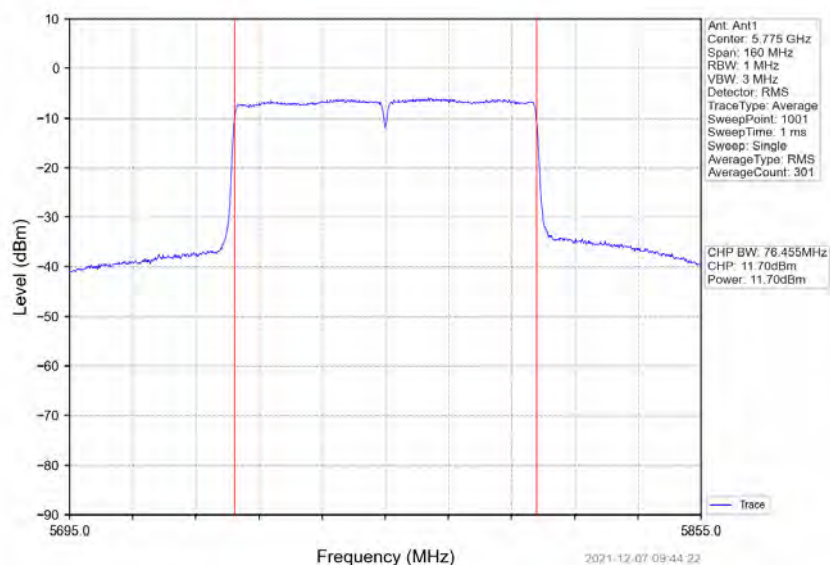


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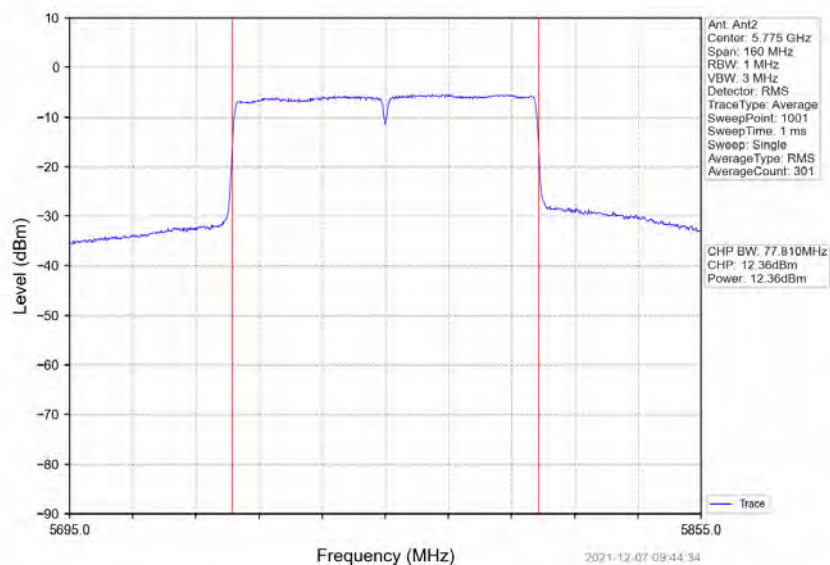
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802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result



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Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	4.27	4.98	/	<=10.19	Pass
		5200	4.00	4.67	/	<=10.19	Pass
		5240	4.56	4.68	/	<=10.19	Pass
		5260	4.76	5.12	/	<=10.19	Pass
		5300	5.06	4.40	/	<=10.19	Pass
		5320	4.74	4.67	/	<=10.19	Pass
		5500	4.57	5.12	/	<=10.19	Pass
		5580	3.15	3.96	/	<=10.19	Pass
802.11n (HT20)	MIMO	5700	3.87	3.39	/	<=10.19	Pass
		5180	2.56	2.78	5.63	<=8.08	Pass
		5200	1.90	2.72	5.22	<=8.08	Pass
		5240	2.65	2.55	5.45	<=8.08	Pass
		5260	4.38	5.04	7.60	<=8.08	Pass
		5300	4.77	4.48	7.59	<=8.08	Pass
		5320	4.57	4.94	7.77	<=8.08	Pass
		5500	4.57	4.96	7.70	<=8.08	Pass
802.11n (HT40)	MIMO	5580	3.19	3.55	6.33	<=8.08	Pass
		5700	3.44	3.66	6.46	<=8.08	Pass
		5190	0.50	0.83	3.59	<=8.08	Pass
		5230	0.99	0.86	3.78	<=8.08	Pass
		5270	-0.12	-0.06	2.70	<=8.08	Pass
		5310	0.16	0.84	3.42	<=8.08	Pass
		5510	-0.16	1.42	3.54	<=8.08	Pass
		5550	-0.36	0.24	2.72	<=8.08	Pass
802.11ac (VHT20)	MIMO	5670	-1.61	-1.22	1.52	<=8.08	Pass
		5180	2.86	2.53	5.59	<=8.08	Pass
		5200	2.59	2.52	5.43	<=8.08	Pass
		5240	2.78	2.92	5.78	<=8.08	Pass
		5260	2.70	3.41	5.98	<=8.08	Pass
		5300	3.14	3.04	6.10	<=8.08	Pass
		5320	2.93	3.05	5.91	<=8.08	Pass
		5500	2.52	3.74	6.09	<=8.08	Pass
802.11ac (VHT40)	MIMO	5580	1.76	2.67	5.16	<=8.08	Pass
		5700	2.77	2.22	5.48	<=8.08	Pass
		5190	-0.89	-1.24	1.95	<=8.08	Pass
		5230	-1.23	-1.43	1.45	<=8.08	Pass
		5270	-1.14	-1.13	1.56	<=8.08	Pass
		5310	-1.34	-1.55	1.40	<=8.08	Pass
		5510	-2.50	-1.39	0.98	<=8.08	Pass
		5550	-2.36	-1.55	0.93	<=8.08	Pass
802.11ac (VHT80)	MIMO	5670	-2.61	-2.50	0.37	<=8.08	Pass
		5210	-4.74	-5.08	-2.12	<=8.08	Pass
		5290	-5.16	-4.82	-2.23	<=8.08	Pass
		5530	-4.94	-4.25	-1.85	<=8.08	Pass
		5610	-6.21	-5.69	-3.07	<=8.08	Pass

Note1: Antenna Gain: Ant1: 4.91dBi; Ant2: 6.81dBi;

Note2: Directional Gain: 8.92dBi

Note3: The EUT 802.11a mode supports SISO transmission. The Gain of each antenna is 4.91dBi and 6.81dBi. Therefore, the power limit should be reduced from the part exceeding 6.

For Ant 1 5150-5700: 11.00dBm/MHz & 5725-5850: 30.00dBm/500kHz;

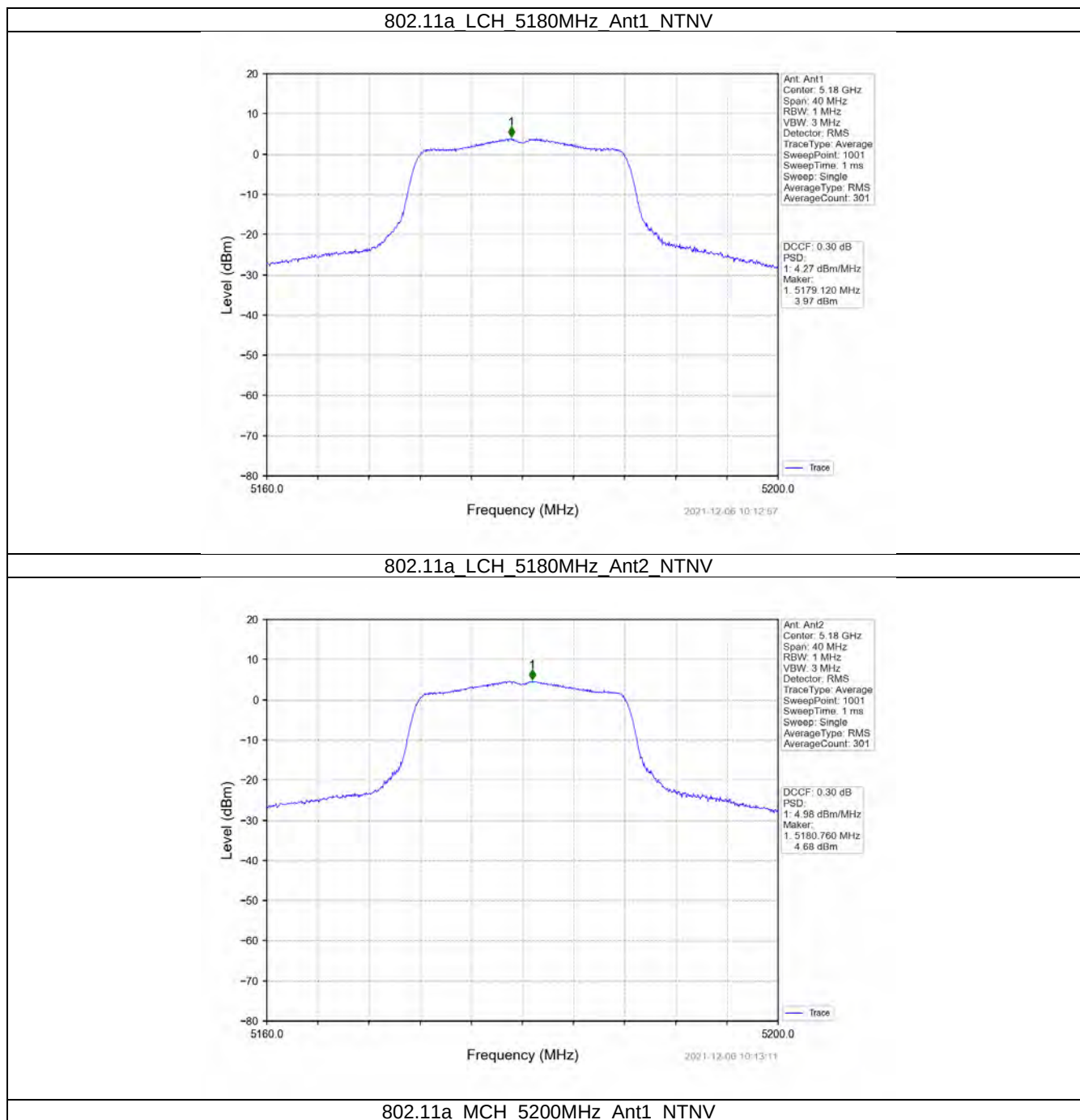
For Ant 2 5150-5700: 10.19dBm/MHz & 5725-5850: 29.19dBm/500kHz, we only present the most stringent requirements in the table.



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4.1.2 Test Graph



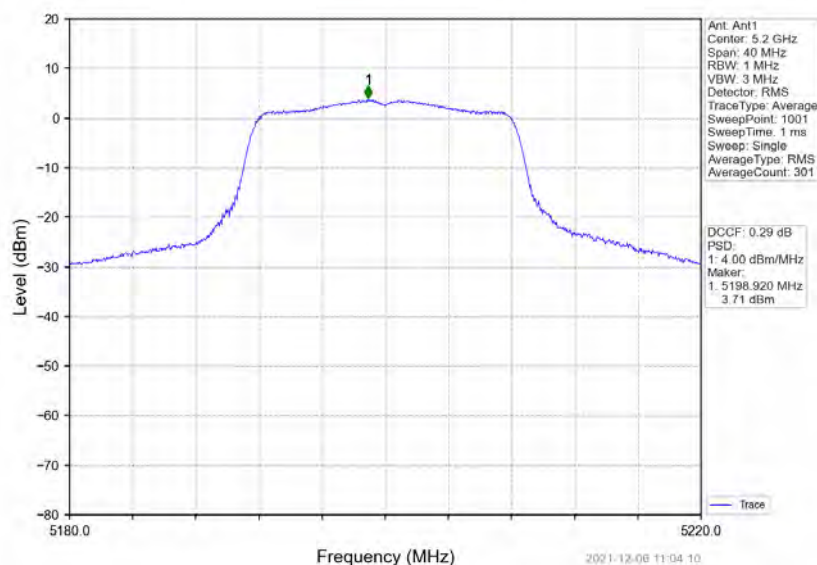
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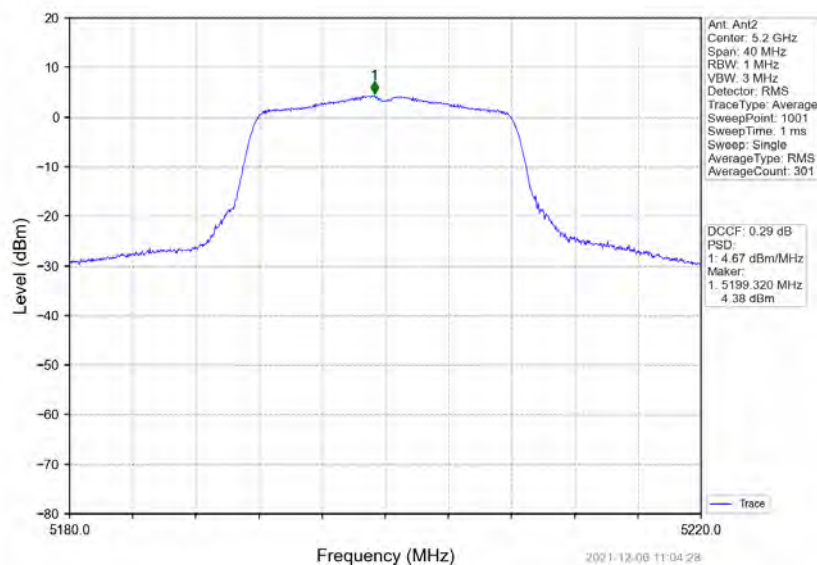
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Testing Center Electronic

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802.11a_MCH_5200MHz_Ant2 NTNv



802.11a_HCH_5240MHz_Ant1 NTNv

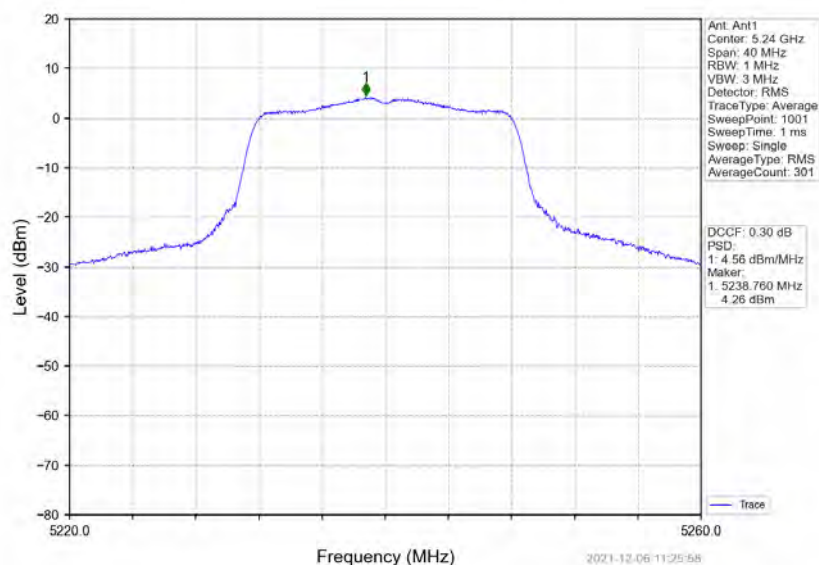


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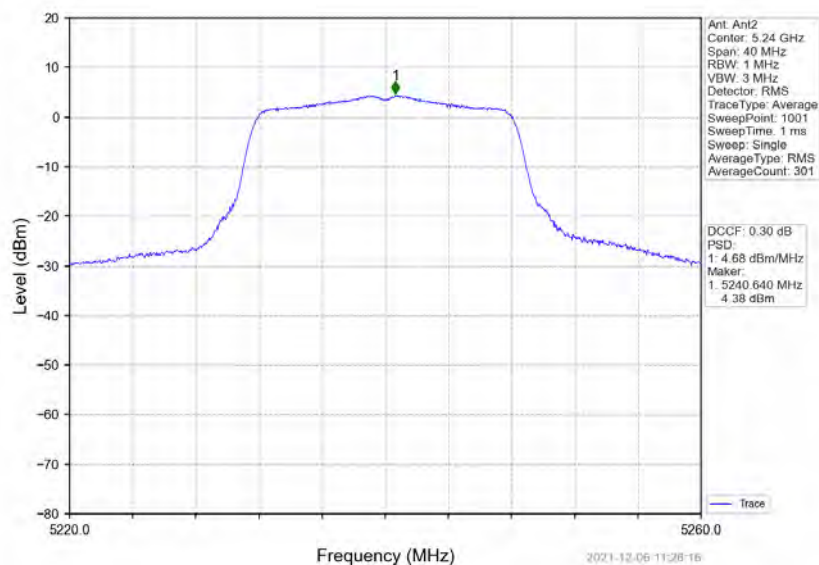
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802.11a_HCH_5240MHz_Ant2_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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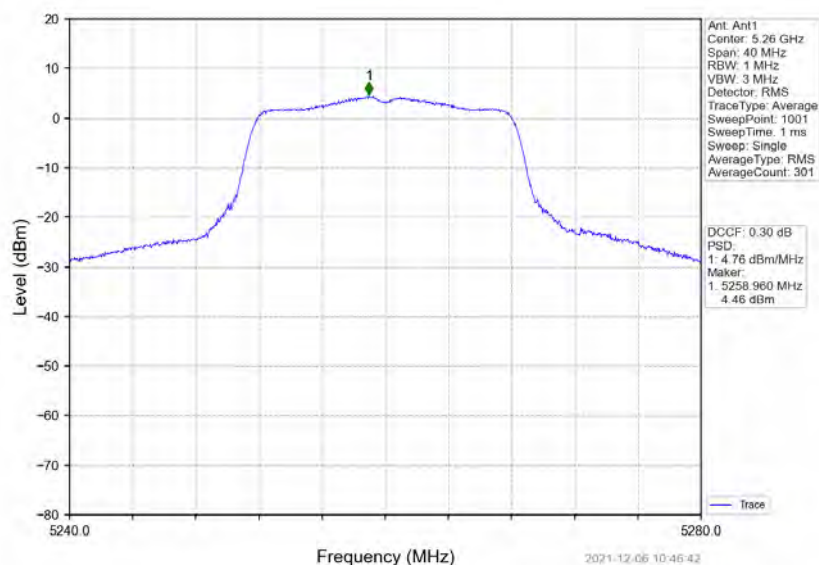
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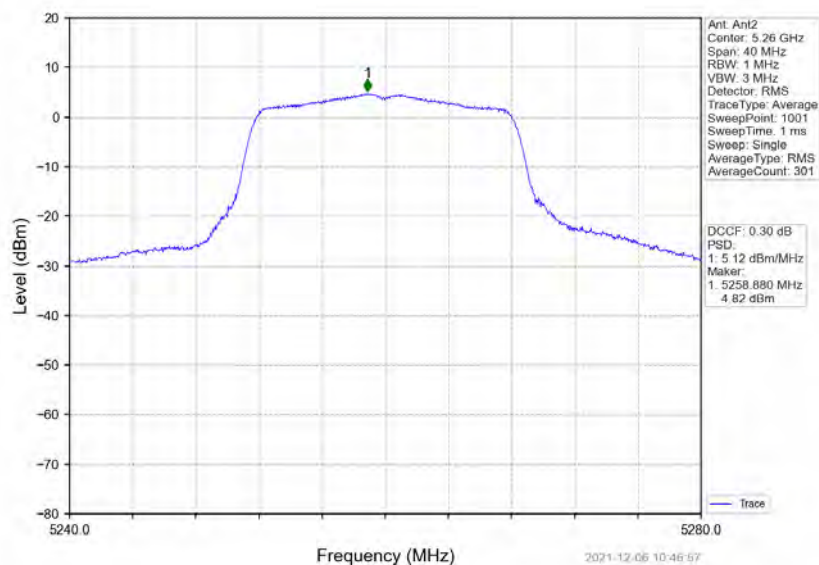
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802.11a_LCH_5260MHz_Ant2_NTNV



802.11a_MCH_5300MHz_Ant1_NTNV



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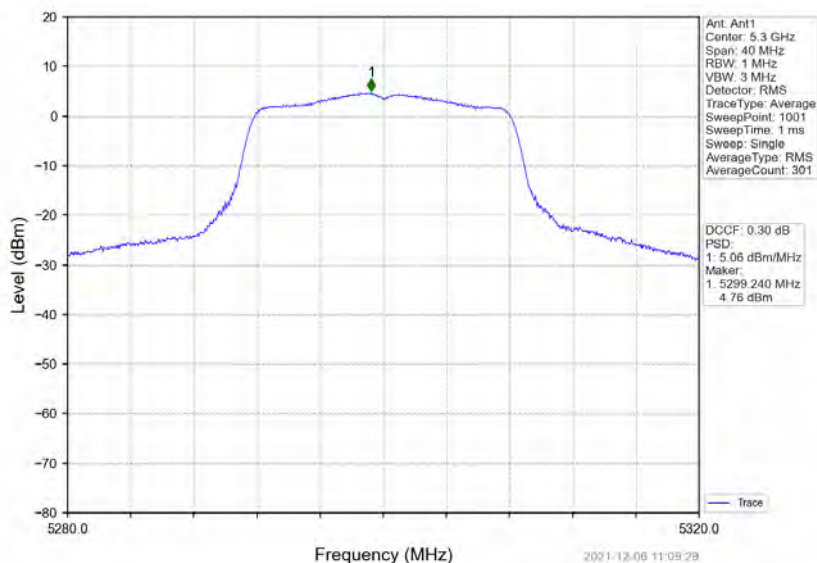
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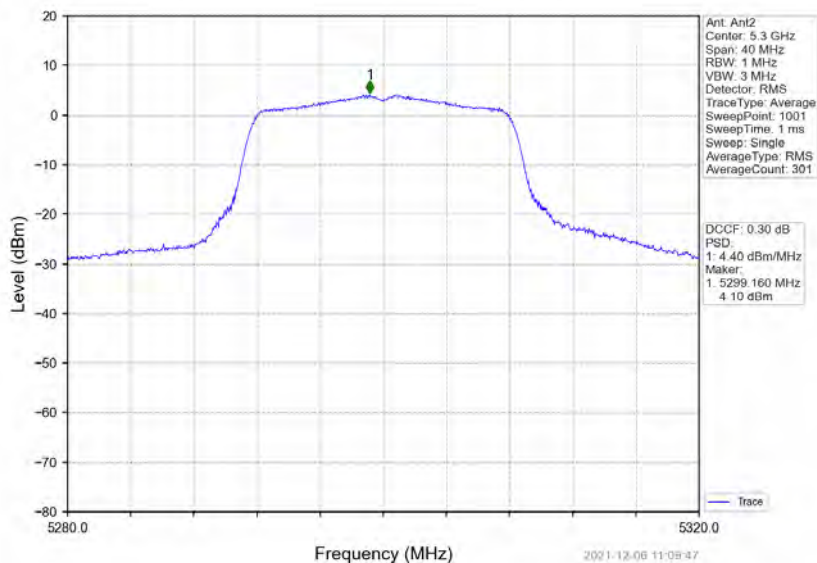
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802.11a_MCH_5300MHz_Ant2_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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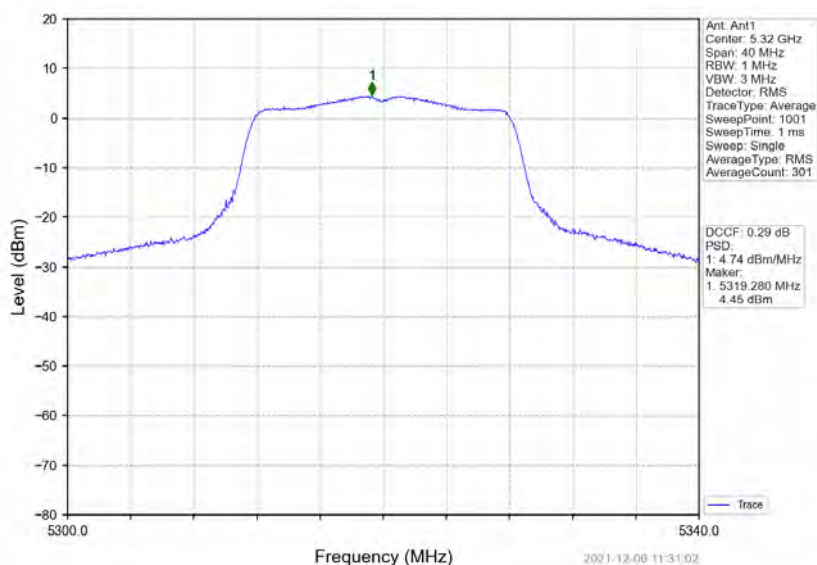
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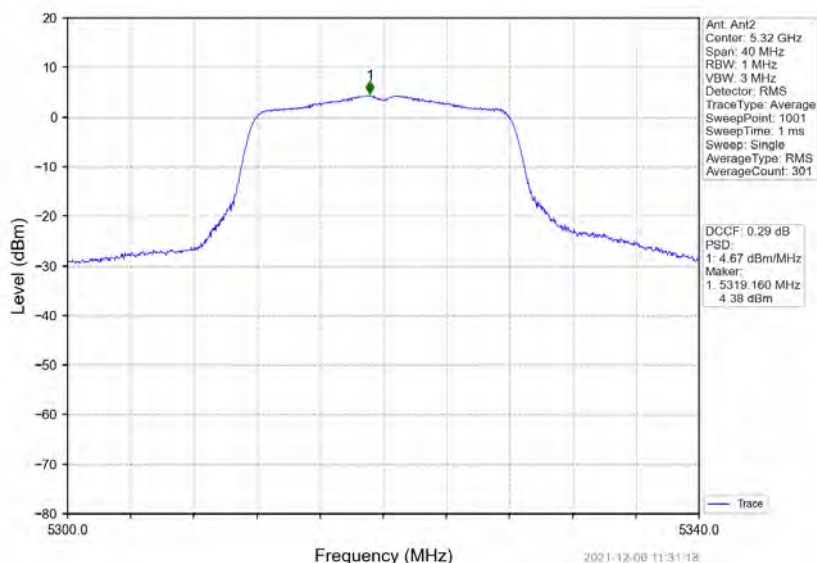
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802.11a_HCH_5320MHz_Ant2_NTNV



802.11a_LCH_5500MHz_Ant1_NTNV

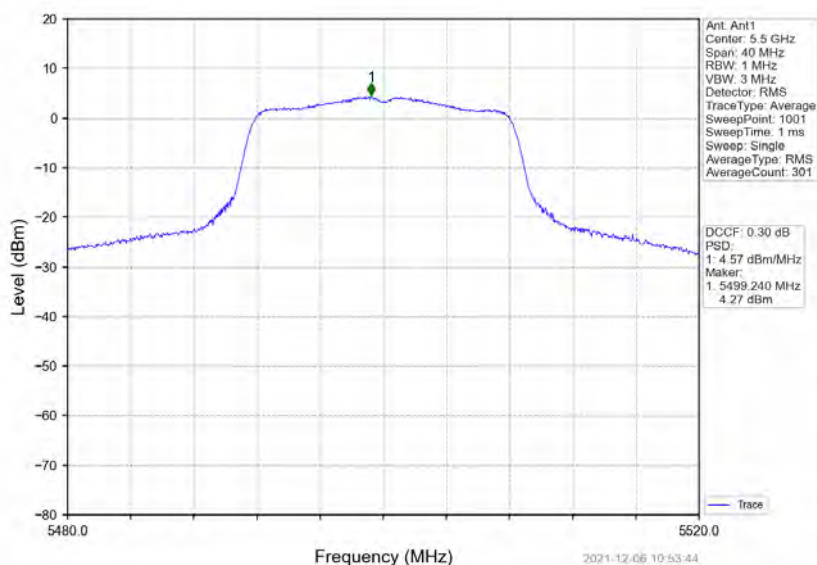


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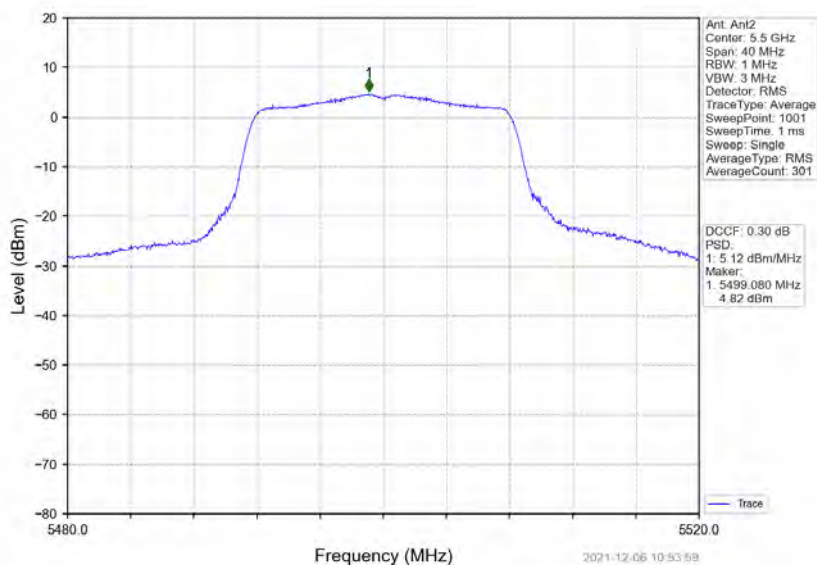
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802.11a_LCH_5500MHz_Ant2_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV

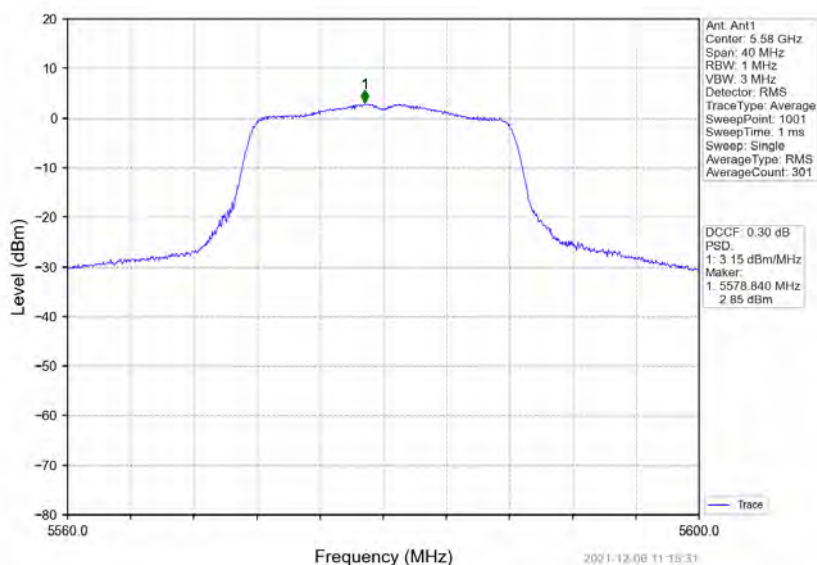


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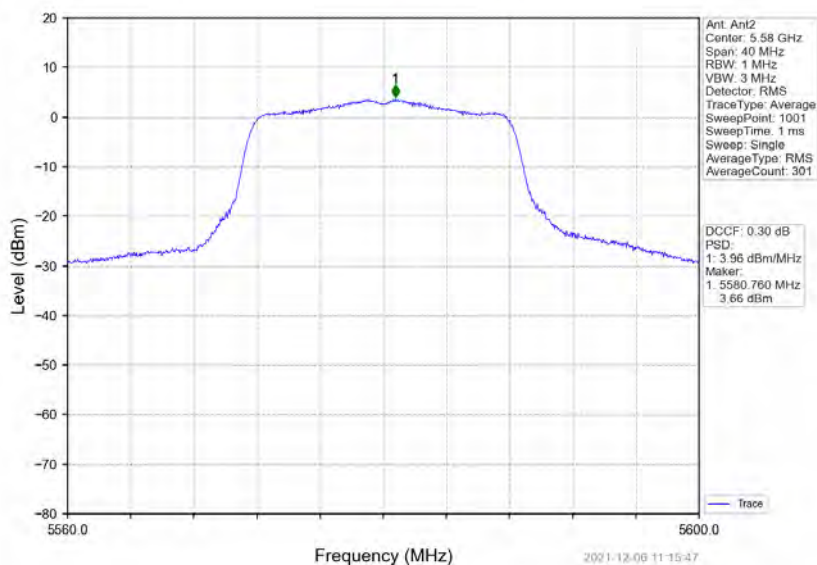
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802.11a_MCH_5580MHz_Ant2_NTNV



802.11a_HCH_5700MHz_Ant1_NTNV



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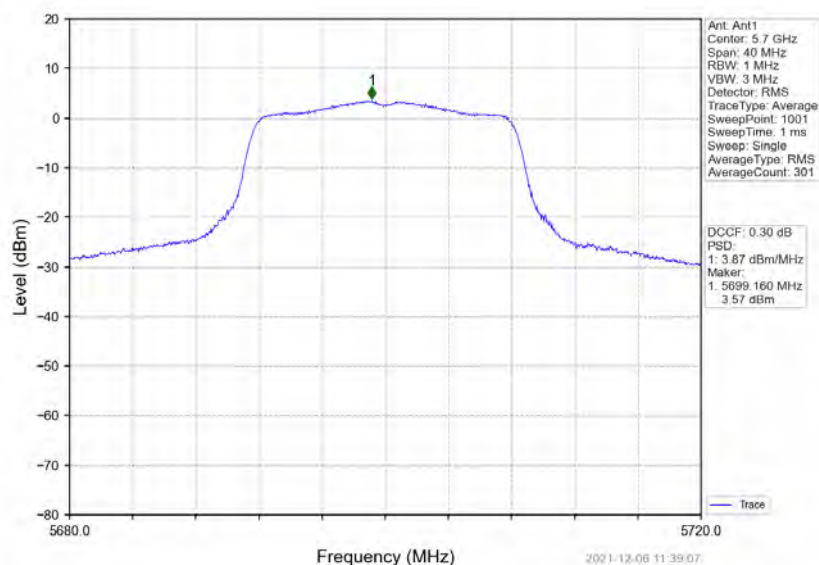
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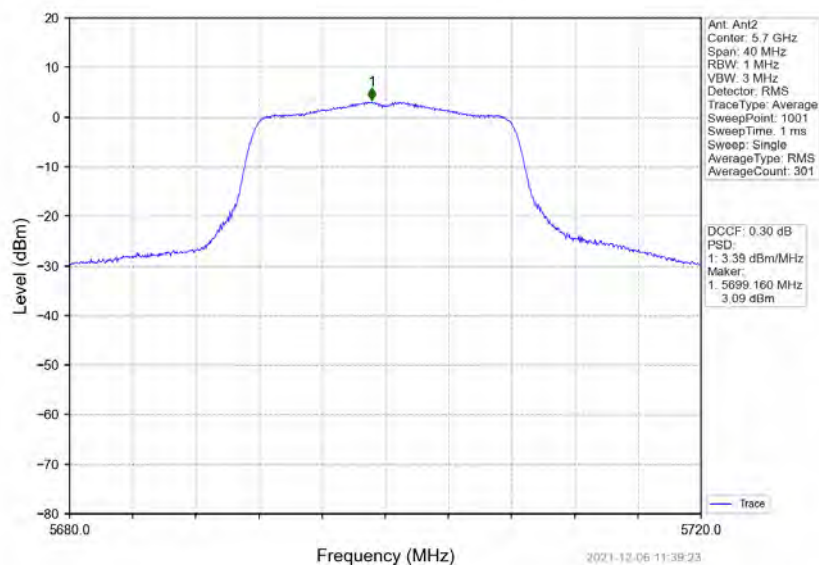
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802.11n(HT20) LCH 5180MHz Ant1 NTNv



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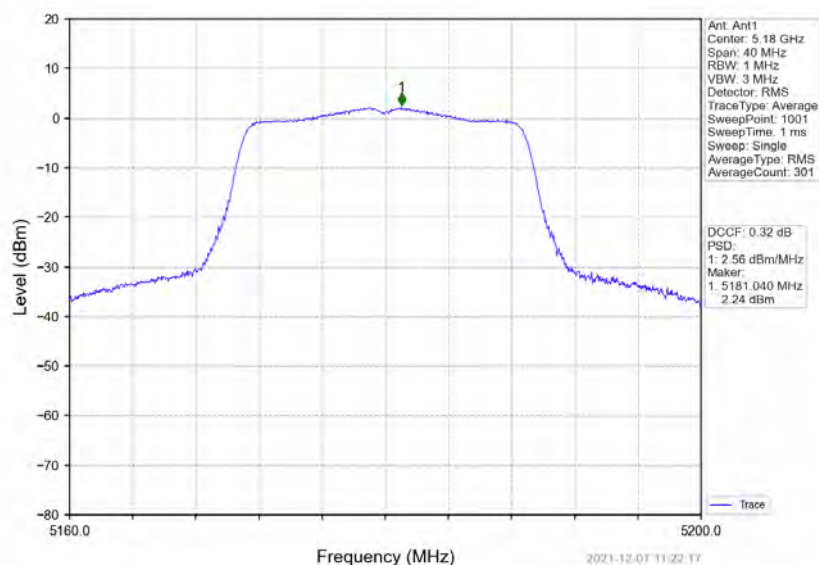
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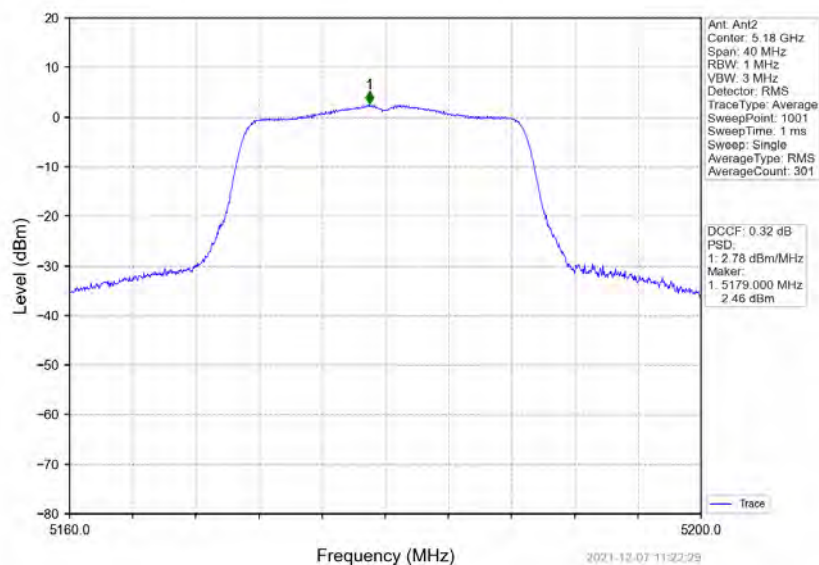
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802.11n(HT20) LCH 5180MHz Ant2 NTNV



802.11n(HT20) LCH 5180MHz MIMO NTNV

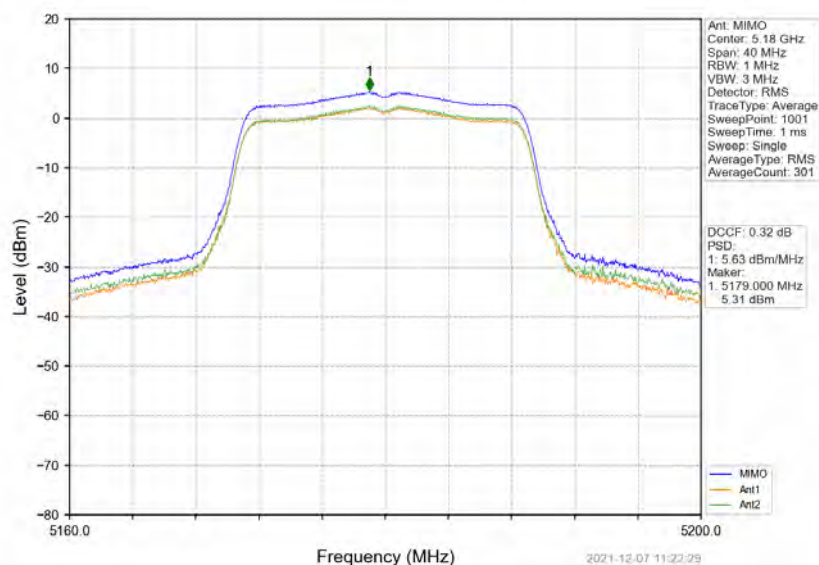


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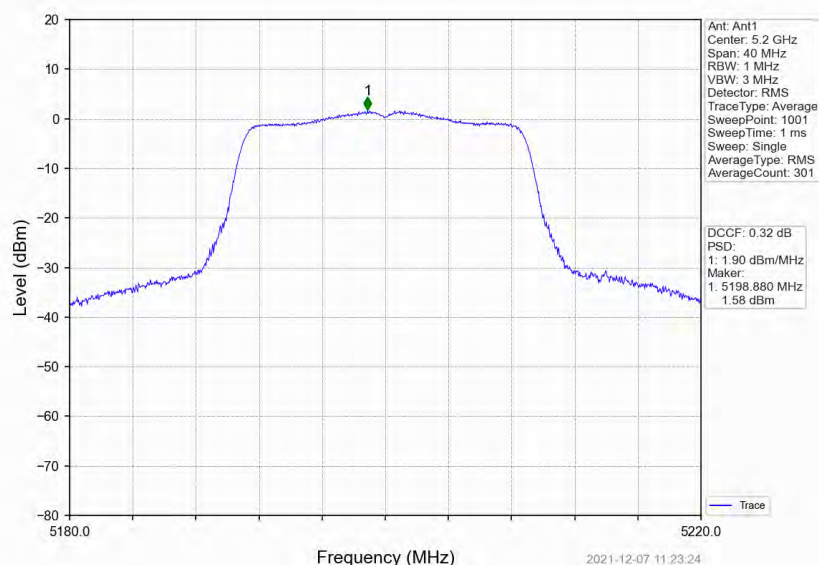
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802.11n(HT20) MCH 5200MHz Ant1 NTV



802.11n(HT20) MCH 5200MHz Ant2 NTV



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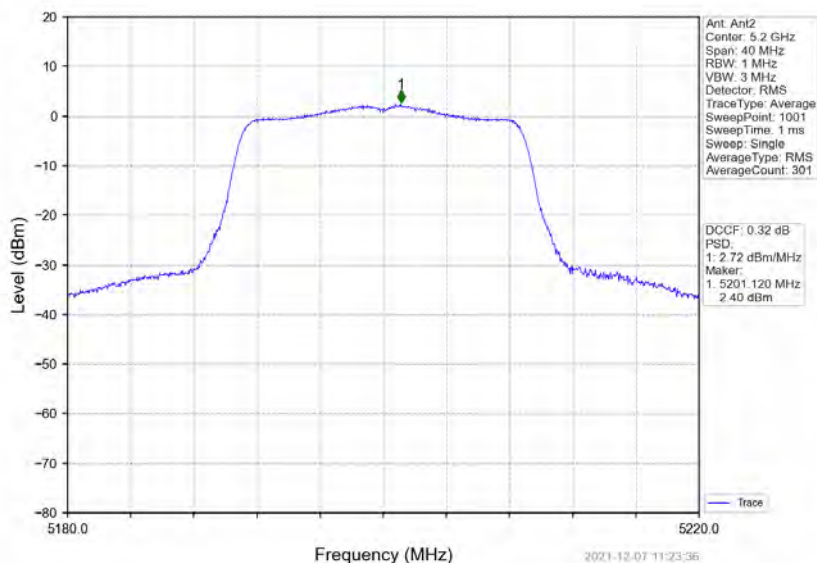
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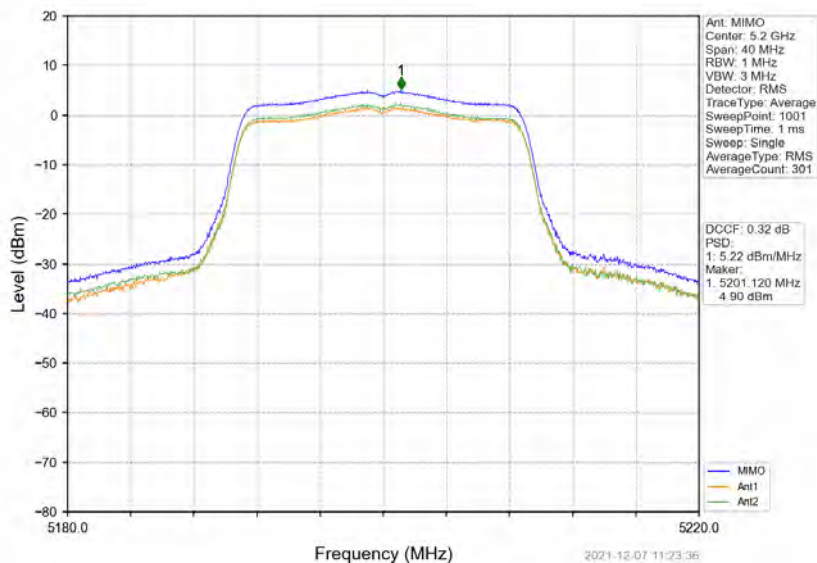
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802.11n(HT20) MCH 5200MHz MIMO NTN



802.11n(HT20) HCH 5240MHz Ant1 NTN

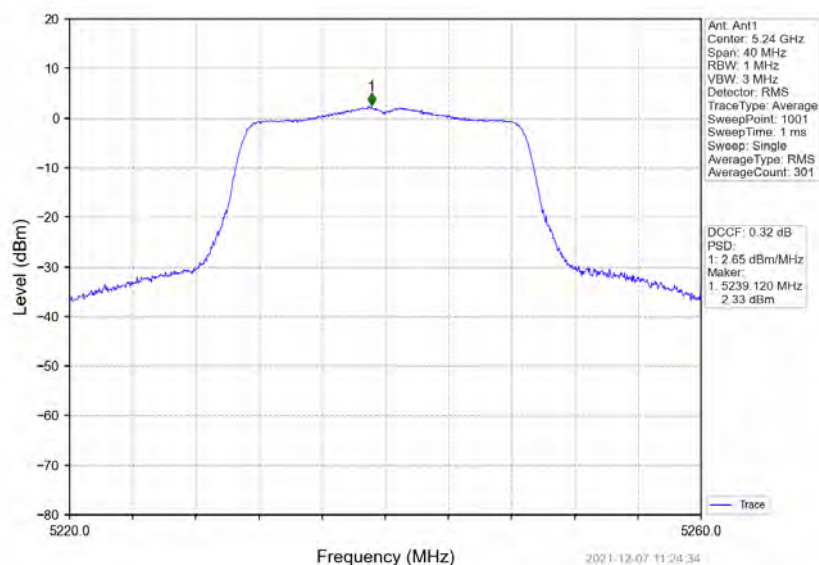


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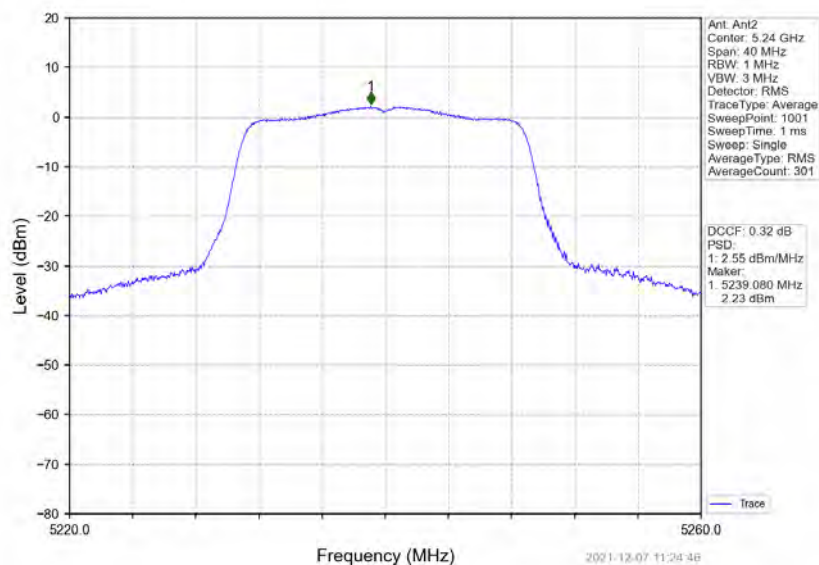
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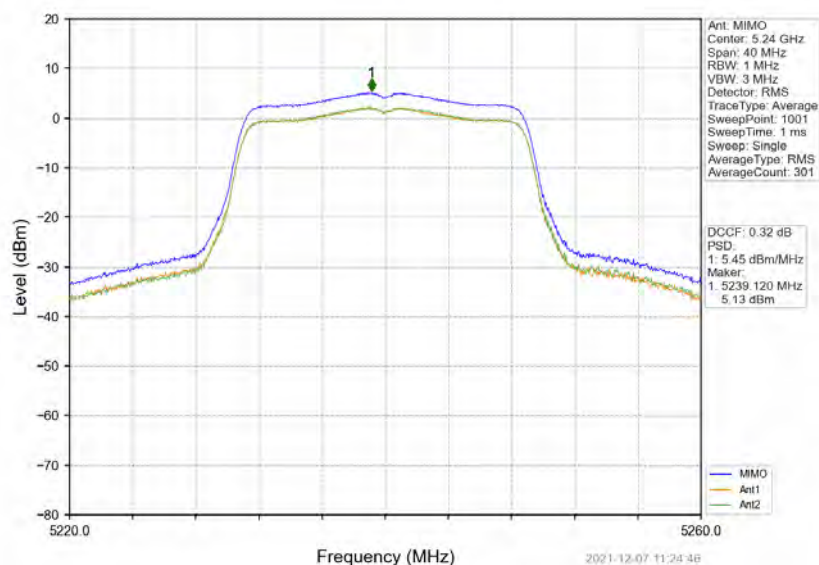
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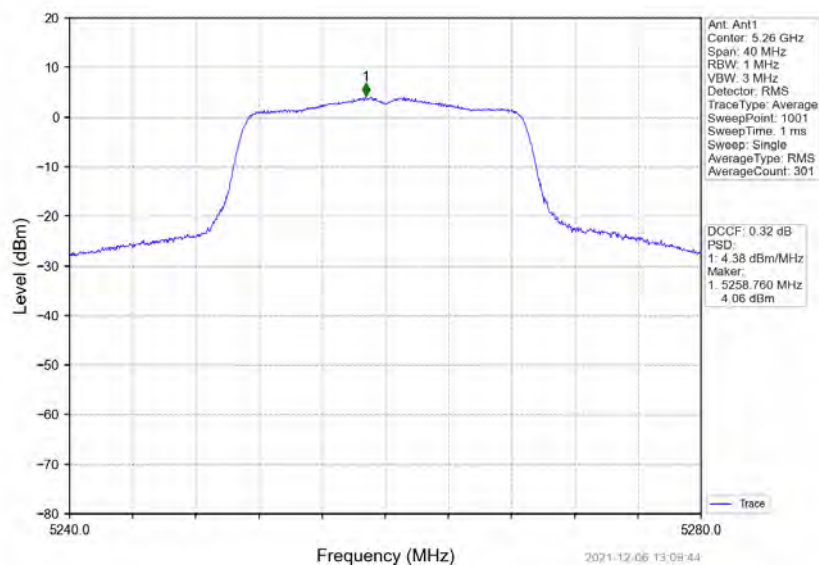
802.11n(HT20) HCH 5240MHz Ant2 NTN



802.11n(HT20) HCH 5240MHz MIMO NTN



802.11n(HT20) LCH 5260MHz Ant1 NTV



802.11n(HT20) LCH 5260MHz Ant2 NTV



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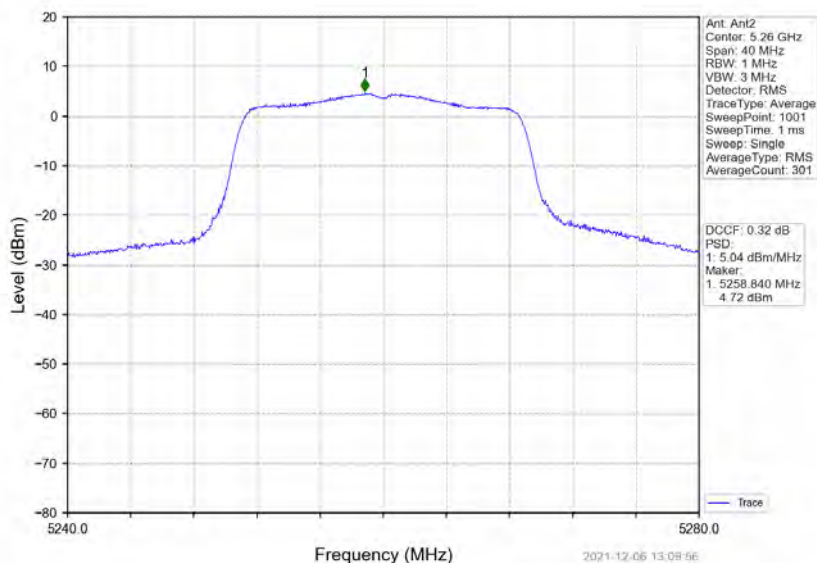
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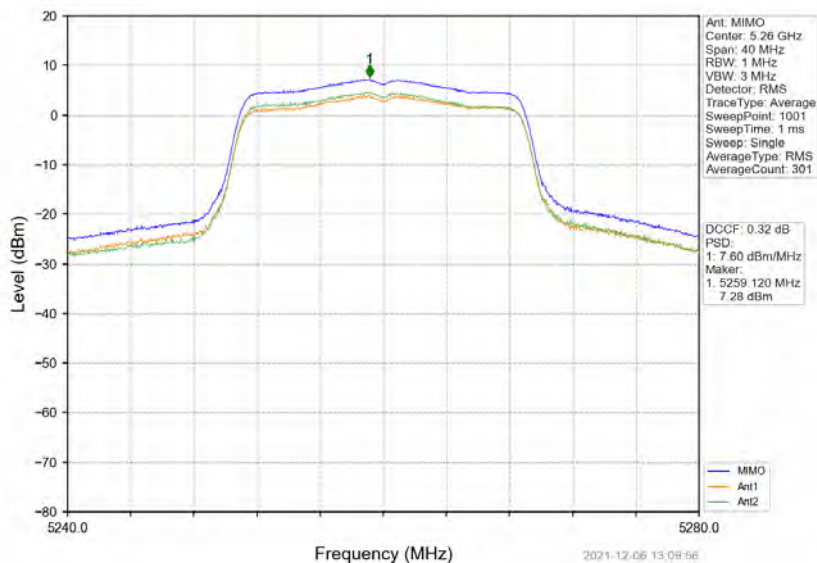
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802.11n(HT20) LCH 5260MHz MIMO_NTNV



802.11n(HT20) MCH 5300MHz Ant1_NTNV

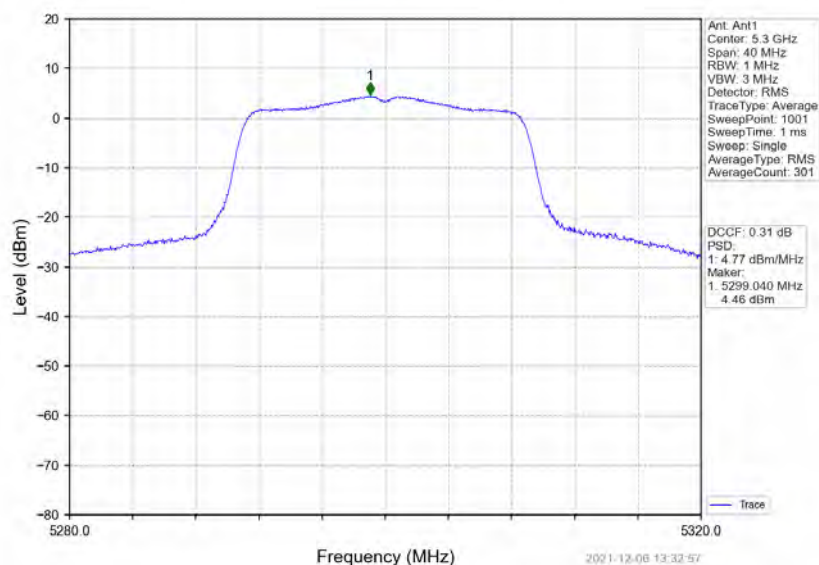


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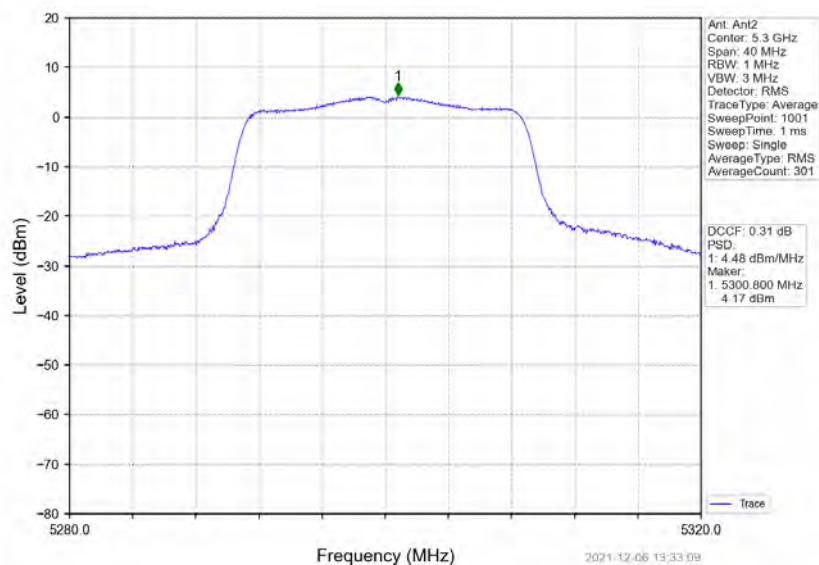
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802.11n(HT20) MCH 5300MHz Ant2 NTN



802.11n(HT20) MCH 5300MHz MIMO NTN



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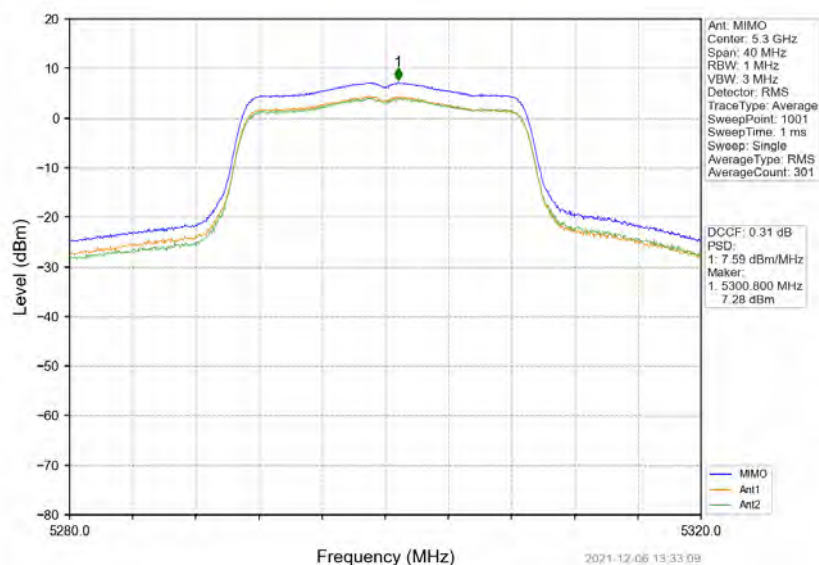
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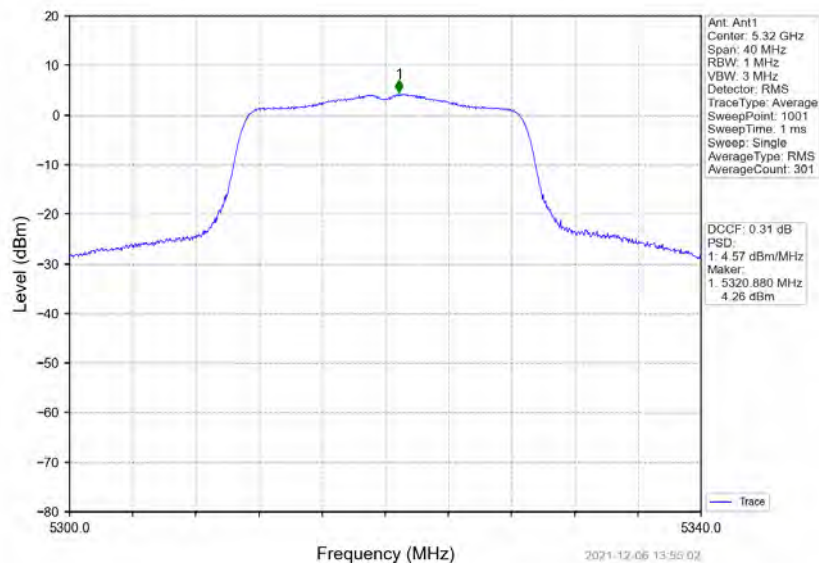
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802.11n(HT20) HCH 5320MHz Ant1 NTN



802.11n(HT20) HCH 5320MHz Ant2 NTN



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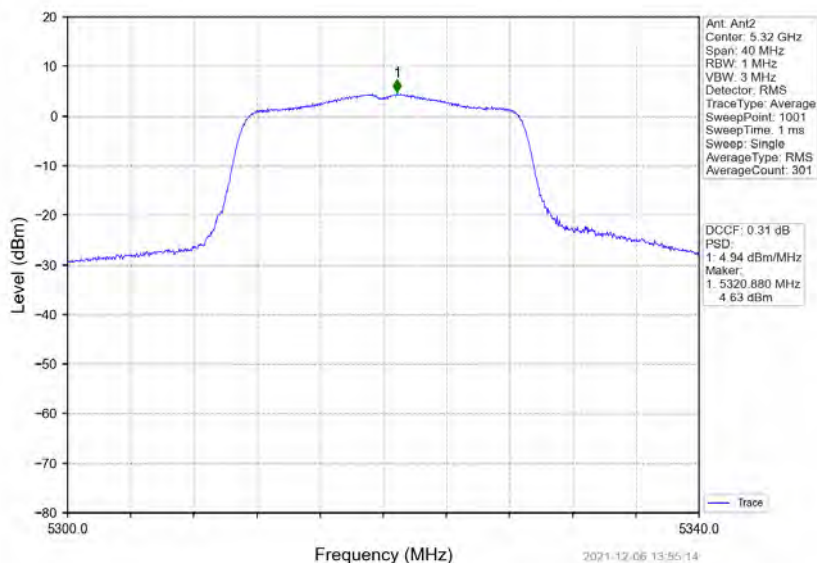
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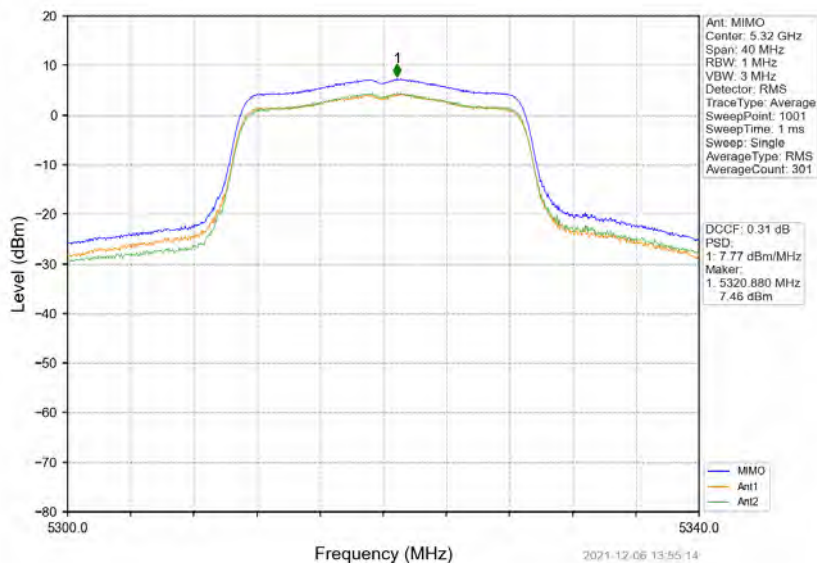
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802.11n(HT20) HCH 5320MHz MIMO NTN



802.11n(HT20) LCH 5500MHz Ant1 NTN

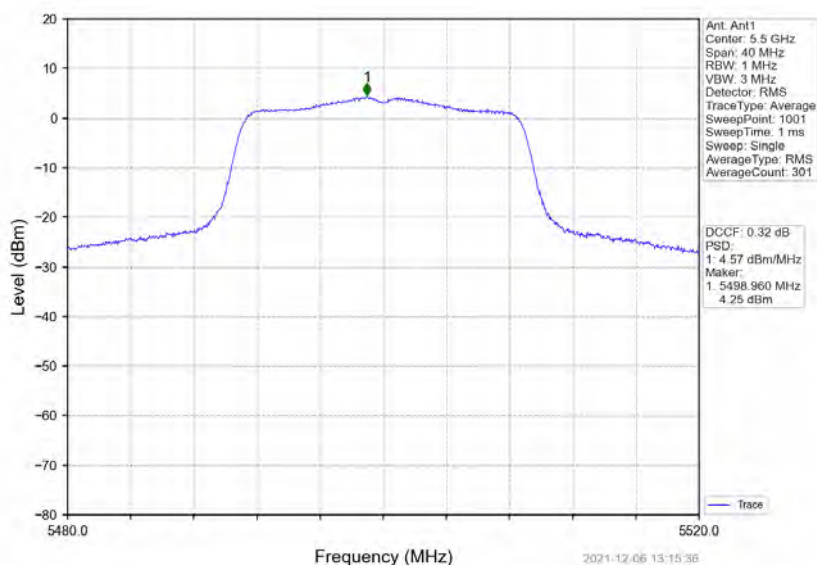


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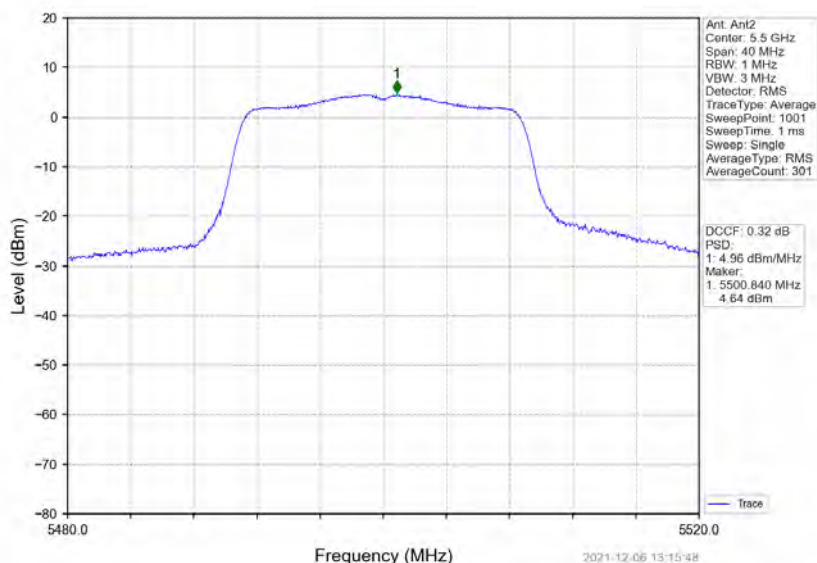
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802.11n(HT20) LCH 5500MHz Ant2 NTNV



802.11n(HT20) LCH 5500MHz MIMO NTNV

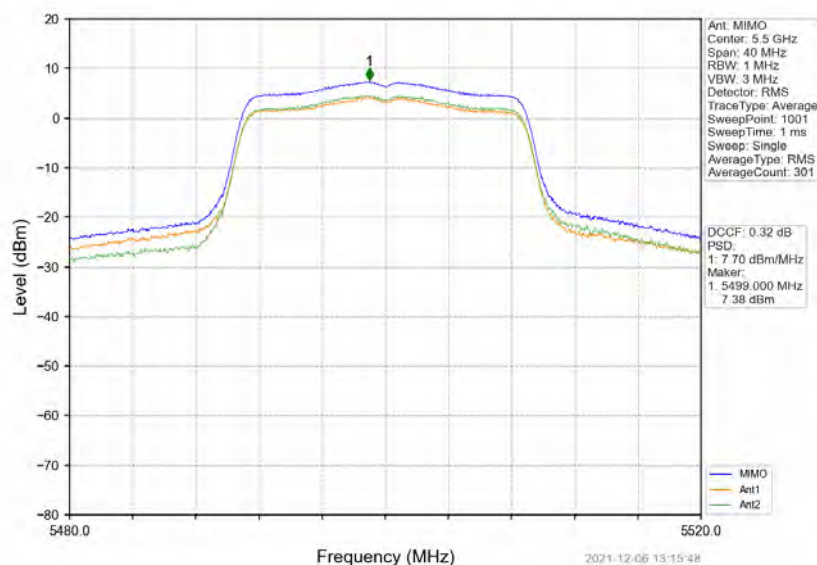


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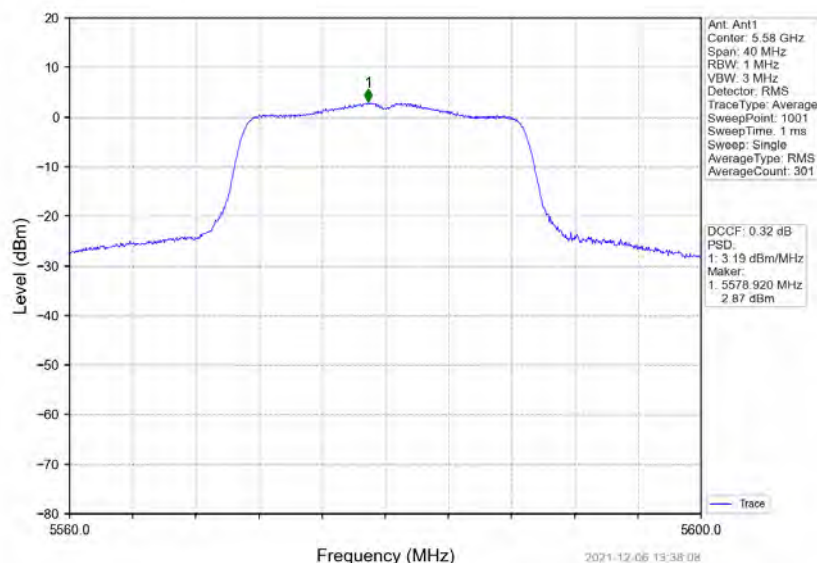
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802.11n(HT20) MCH 5580MHz Ant1 NTN



802.11n(HT20) MCH 5580MHz Ant2 NTN



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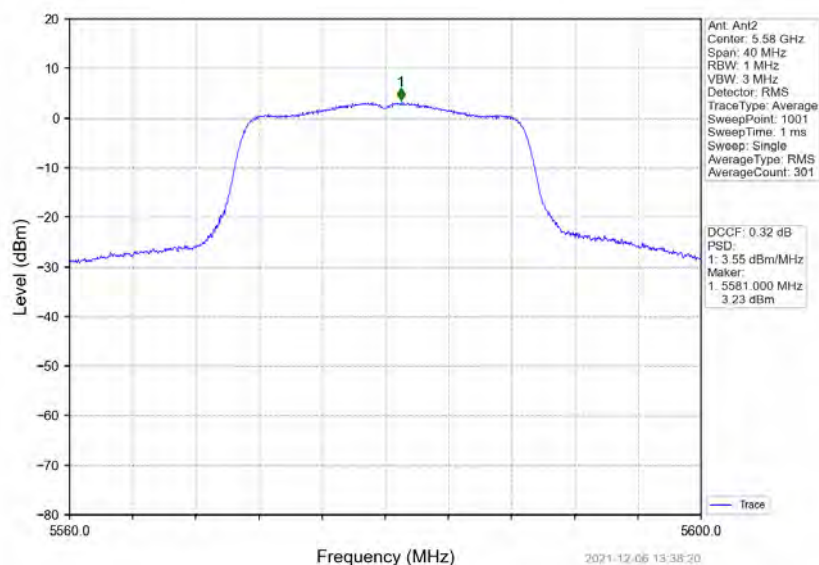
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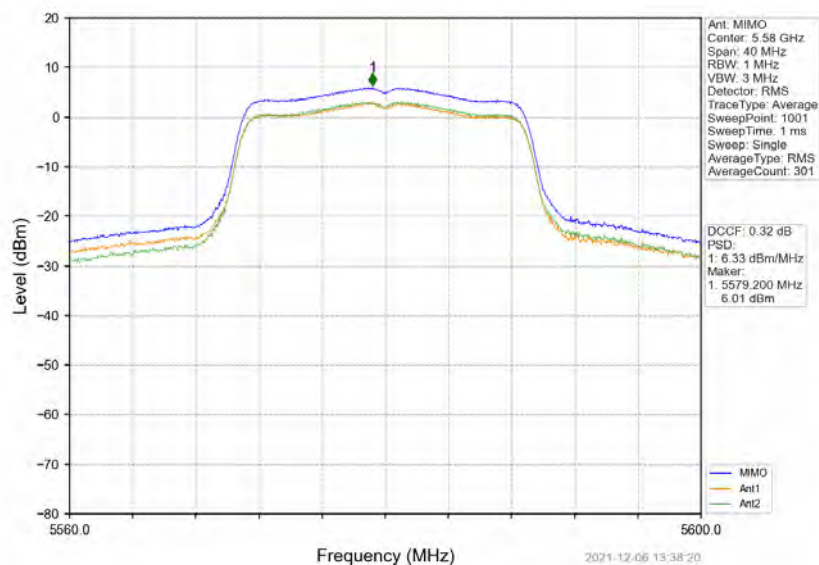
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802.11n(HT20) MCH 5580MHz MIMO NTN



802.11n(HT20) HCH 5700MHz Ant1 NTN



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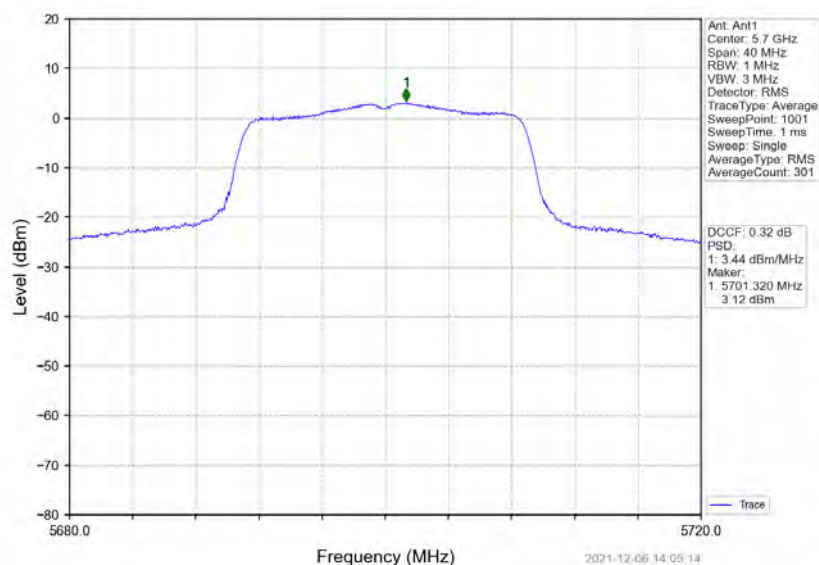
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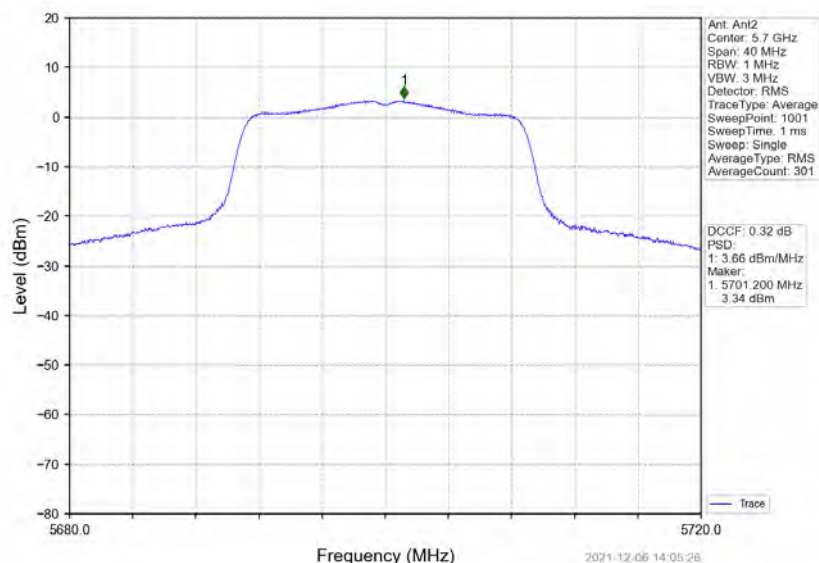
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802.11n(HT20) HCH 5700MHz Ant2 NTN



802.11n(HT20) HCH 5700MHz MIMO NTN



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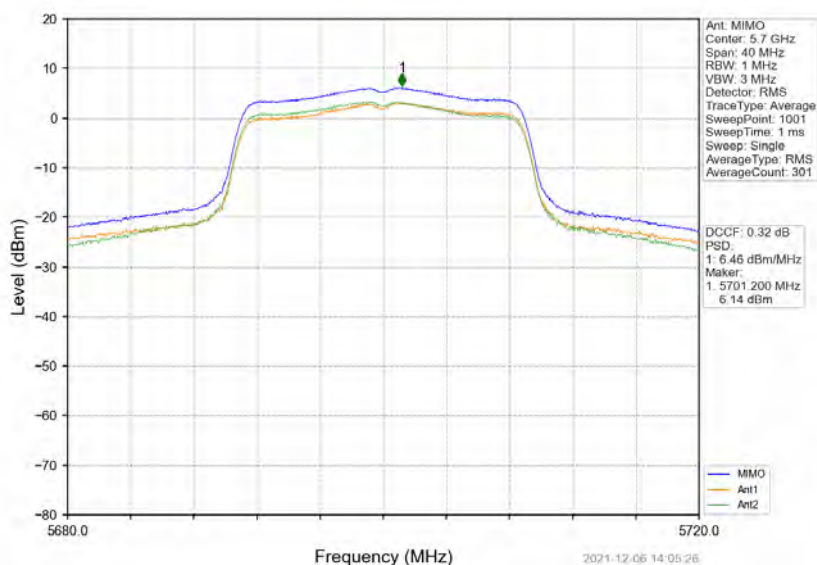
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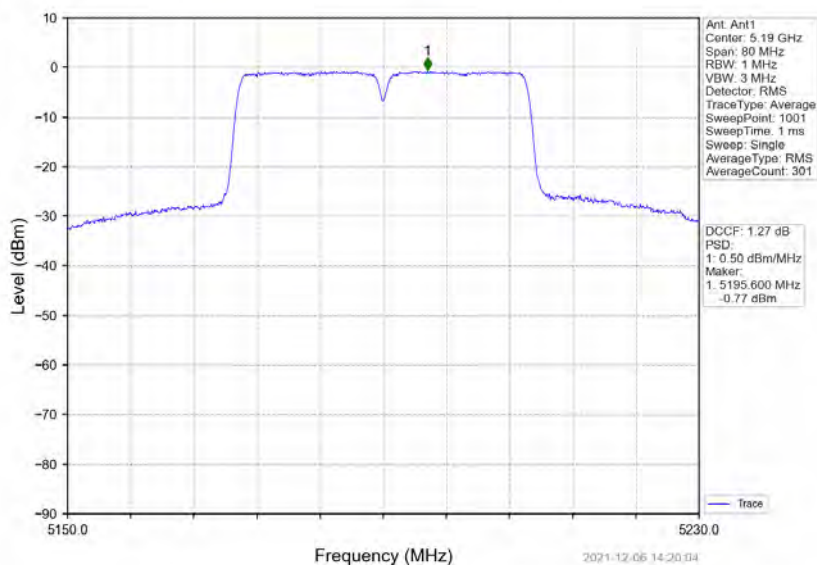
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802.11n(HT40) LCH 5190MHz Ant1 NTV



802.11n(HT40) LCH 5190MHz Ant2 NTV



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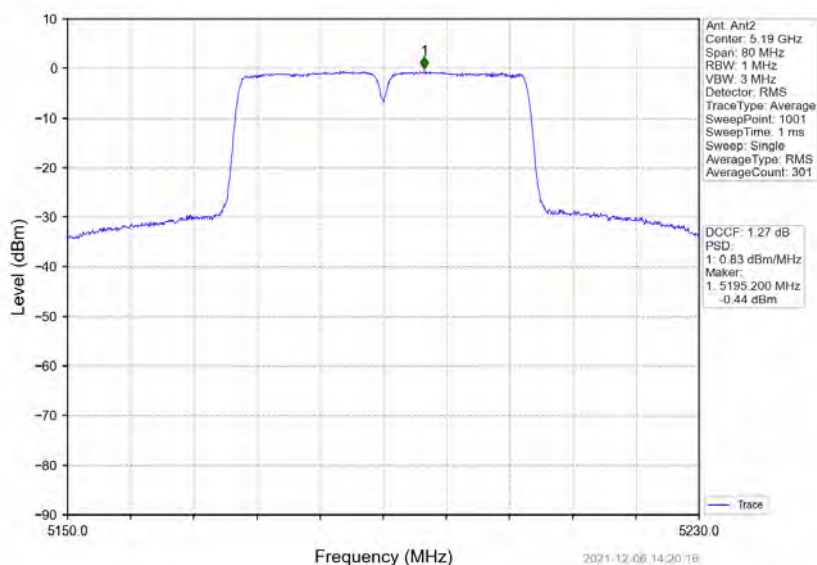
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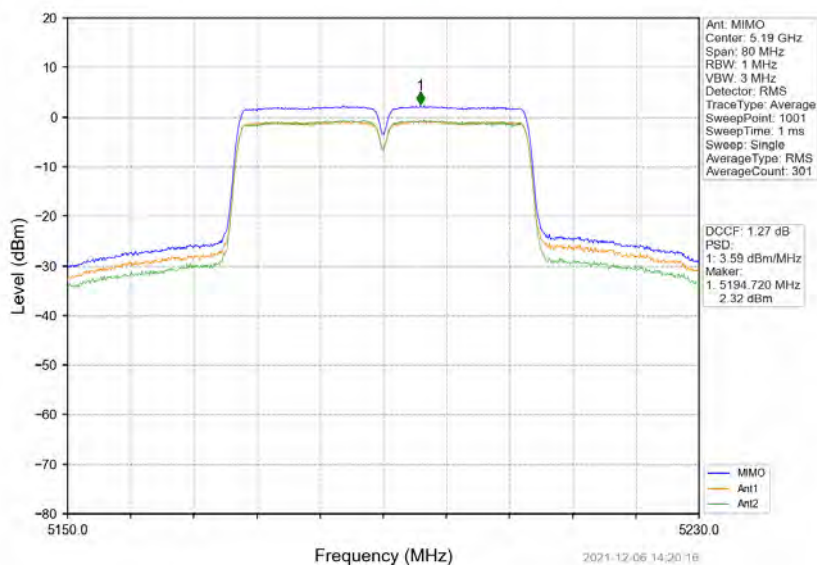
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802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

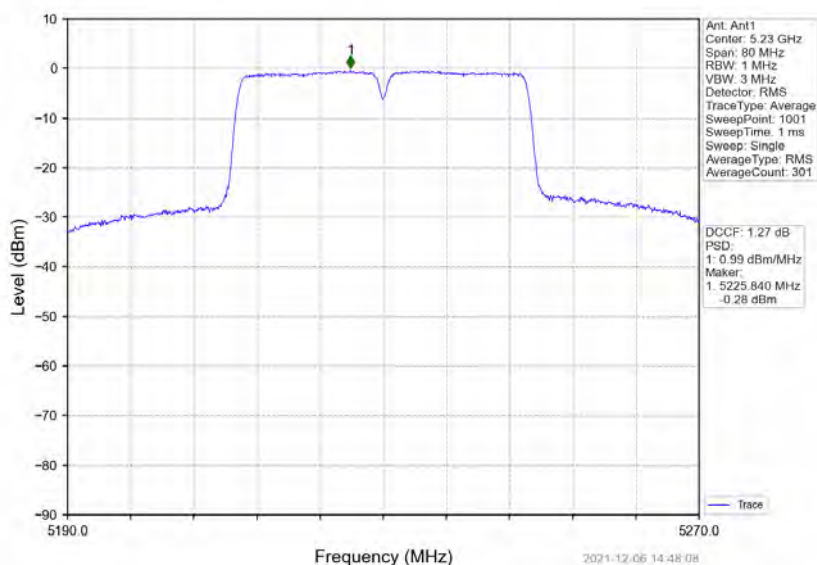


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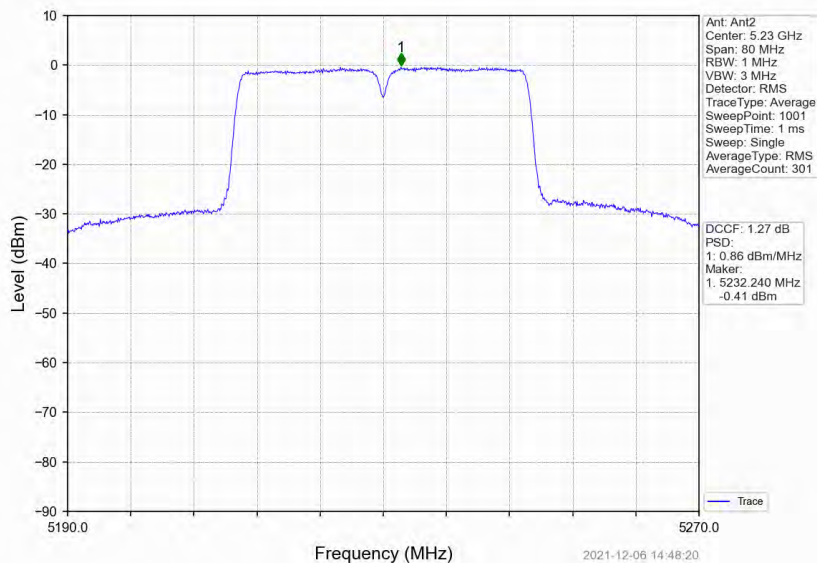
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802.11n(HT40) HCH 5230MHz Ant2 NTN



802.11n(HT40) HCH 5230MHz MIMO NTN



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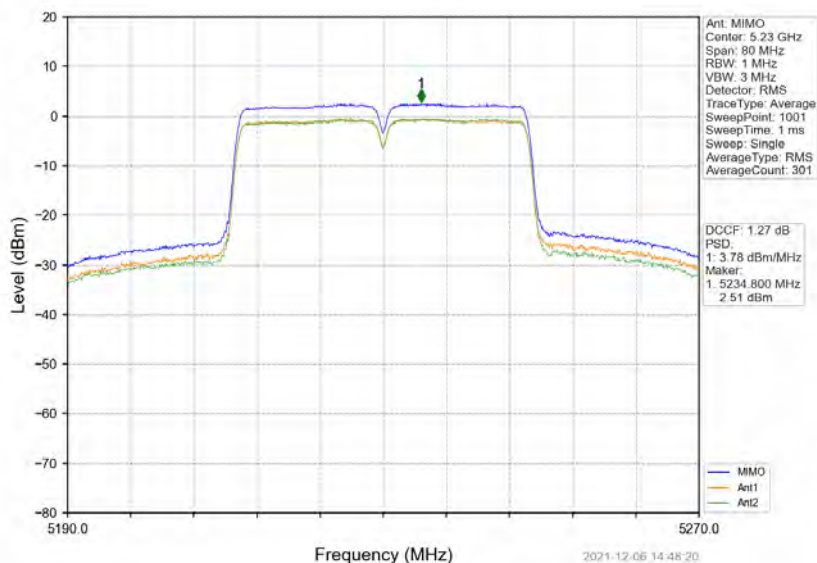
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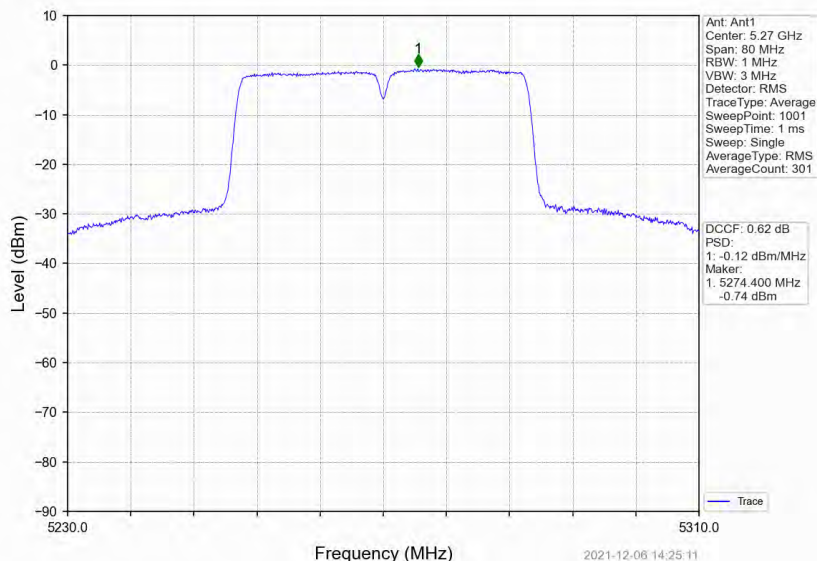
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802.11n(HT40) LCH 5270MHz Ant1 NTV



802.11n(HT40) LCH 5270MHz Ant2 NTV

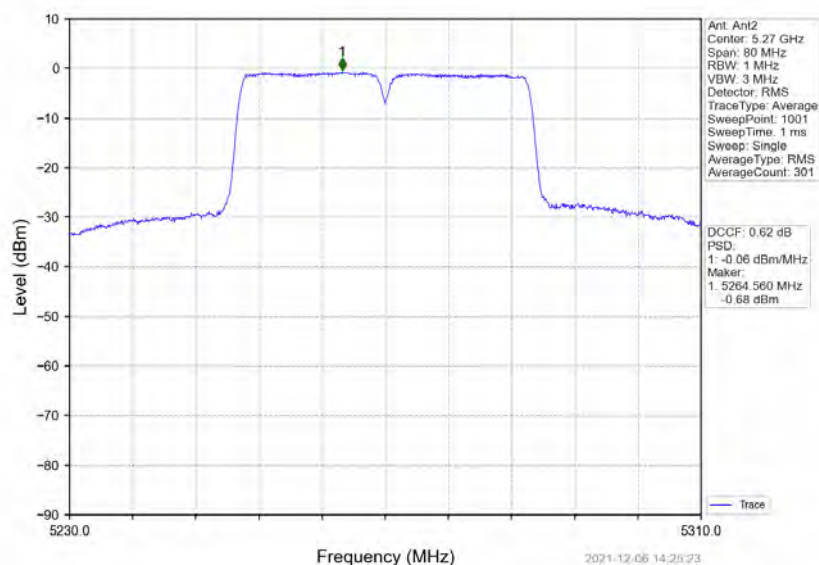


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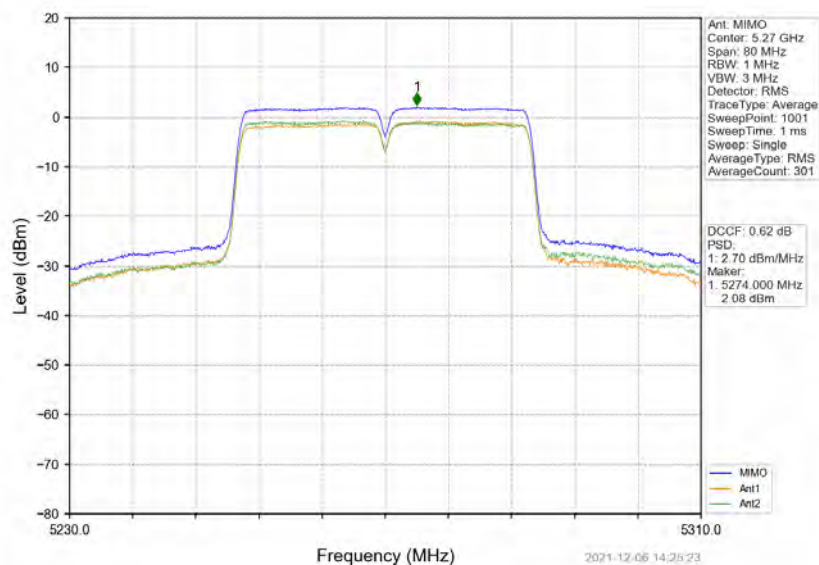
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802.11n(HT40) LCH 5270MHz MIMO NTN



802.11n(HT40) HCH 5310MHz Ant1 NTN



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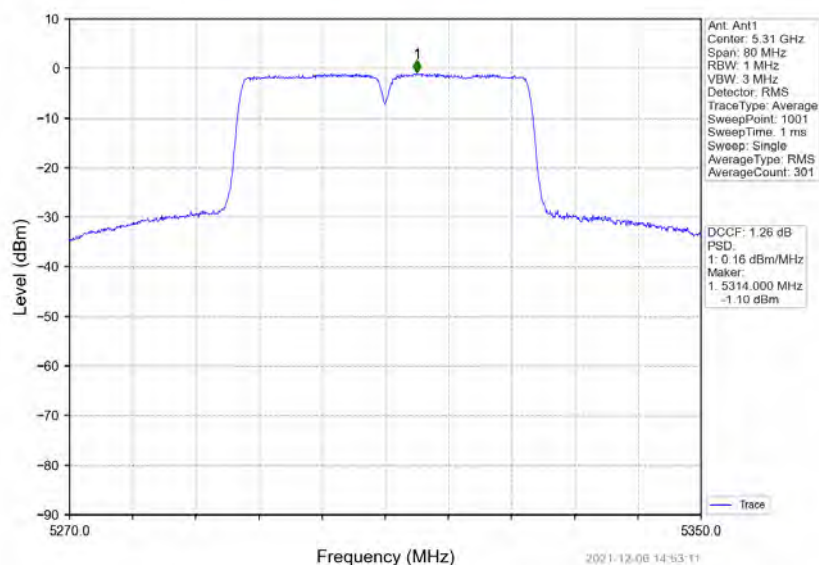
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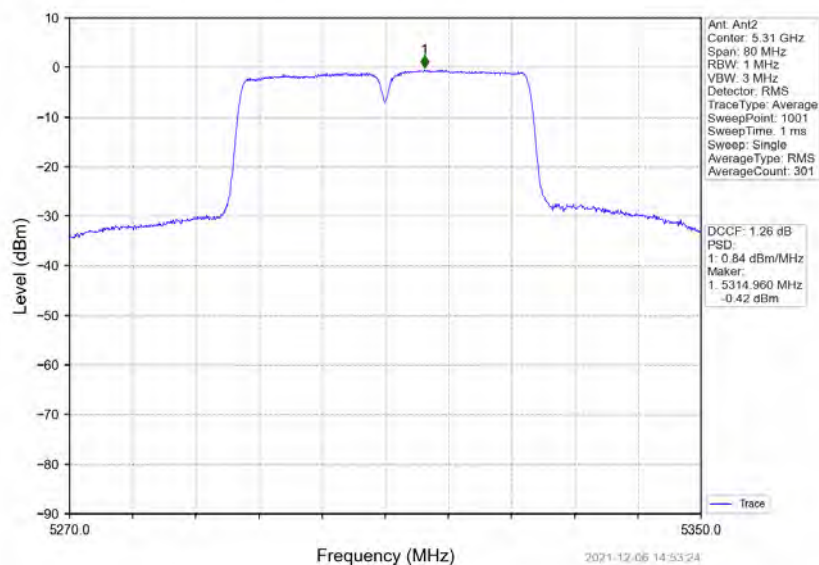
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802.11n(HT40) HCH 5310MHz Ant2 NTN



802.11n(HT40) HCH 5310MHz MIMO NTN



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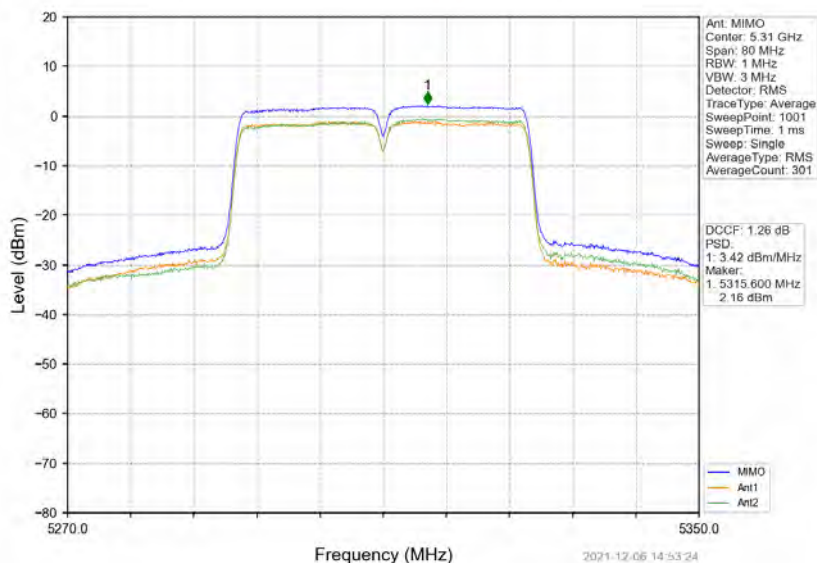
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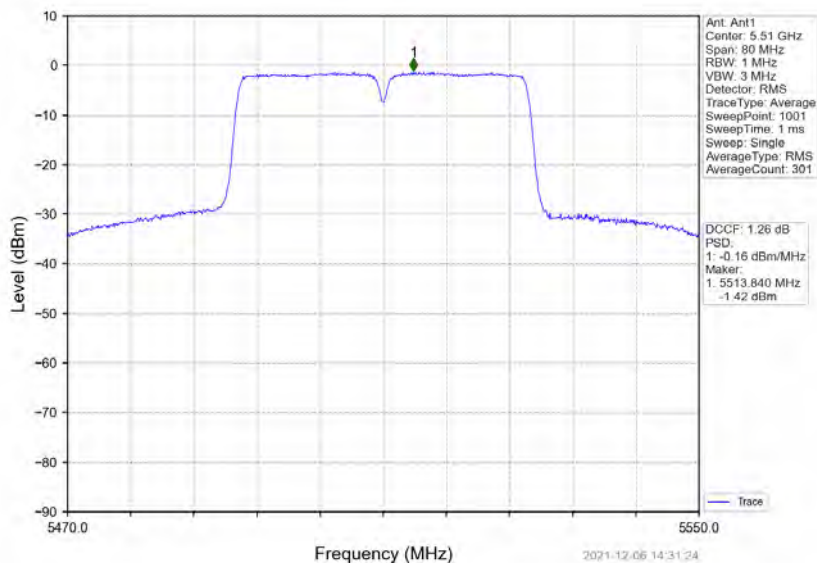
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802.11n(HT40) LCH 5510MHz Ant1 NTV



802.11n(HT40) LCH 5510MHz Ant2 NTV

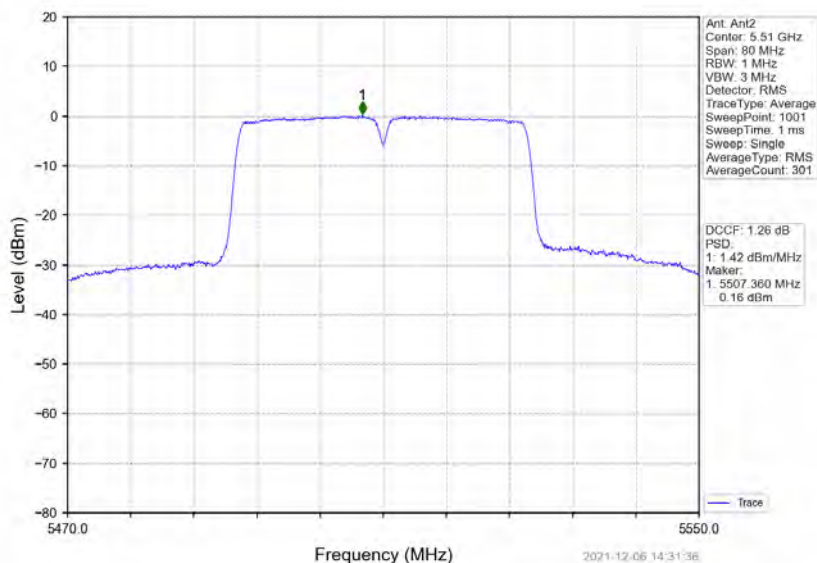


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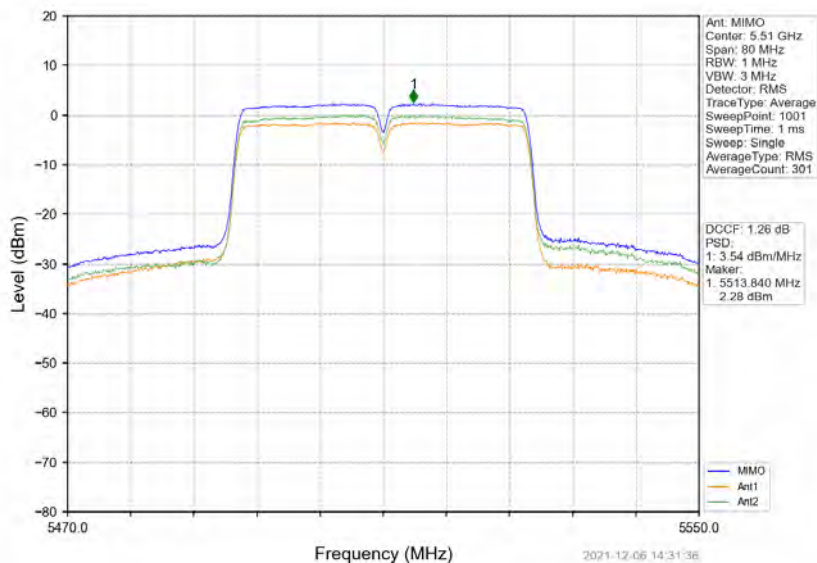
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802.11n(HT40)_LCH_5510MHz_MIMO_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

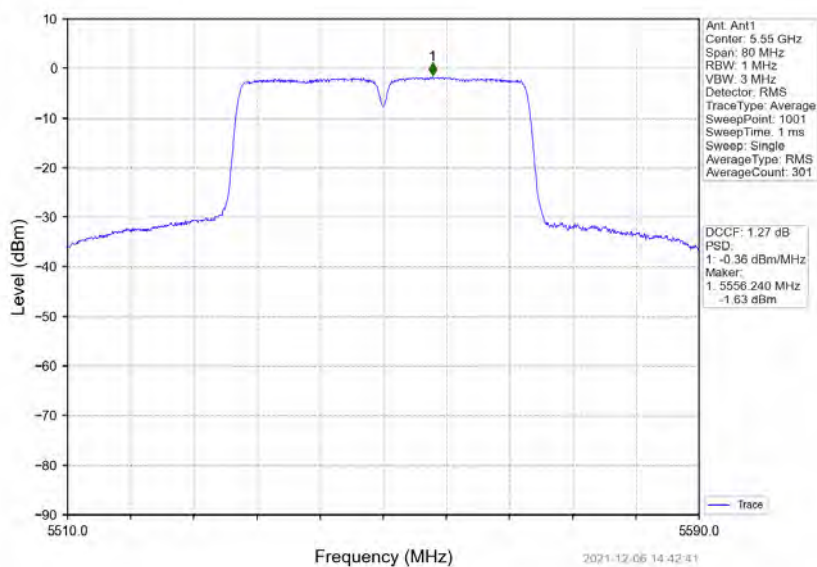


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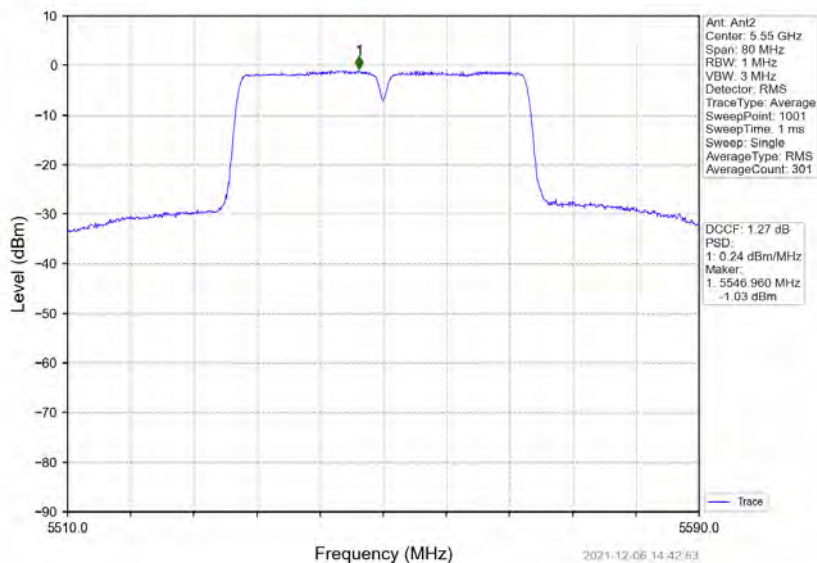
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802.11n(HT40)_MCH_5550MHz_Ant2_NTNV



802.11n(HT40)_MCH_5550MHz_MIMO_NTNV



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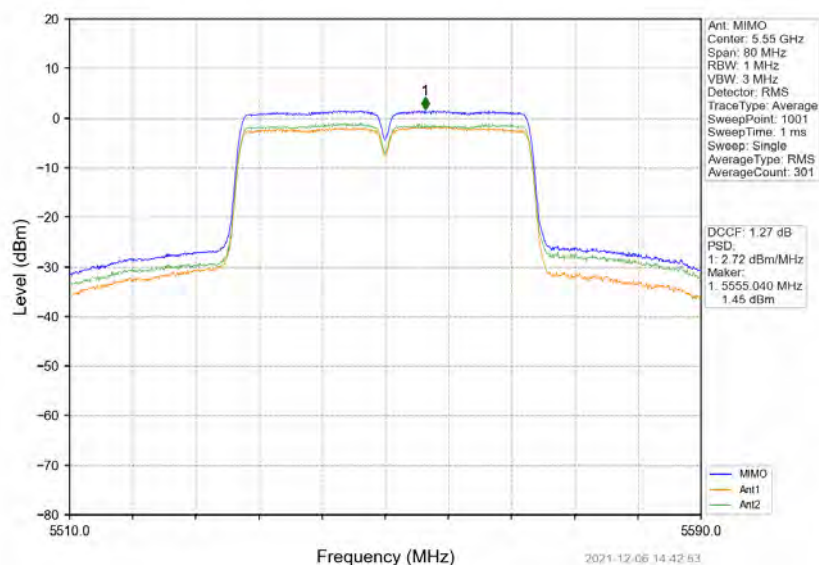
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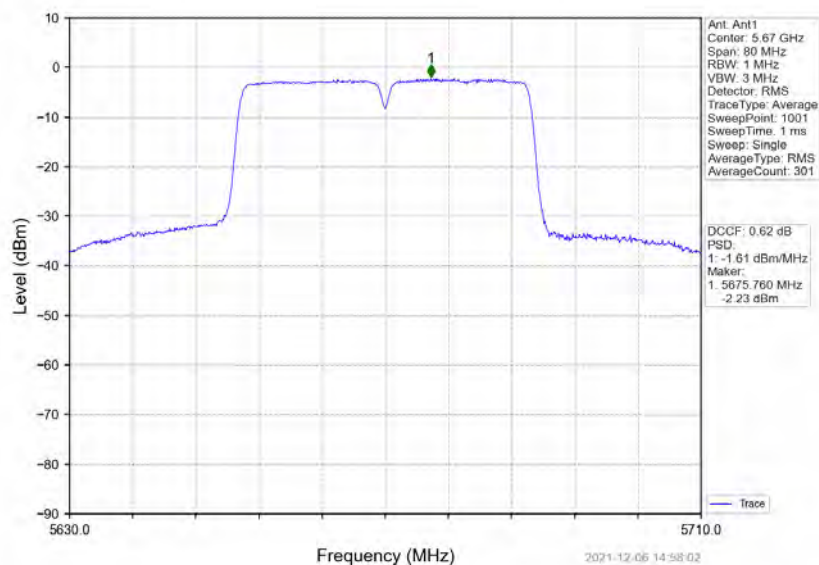
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802.11n(HT40) HCH 5670MHz Ant1 NTNV



802.11n(HT40) HCH 5670MHz Ant2 NTNV



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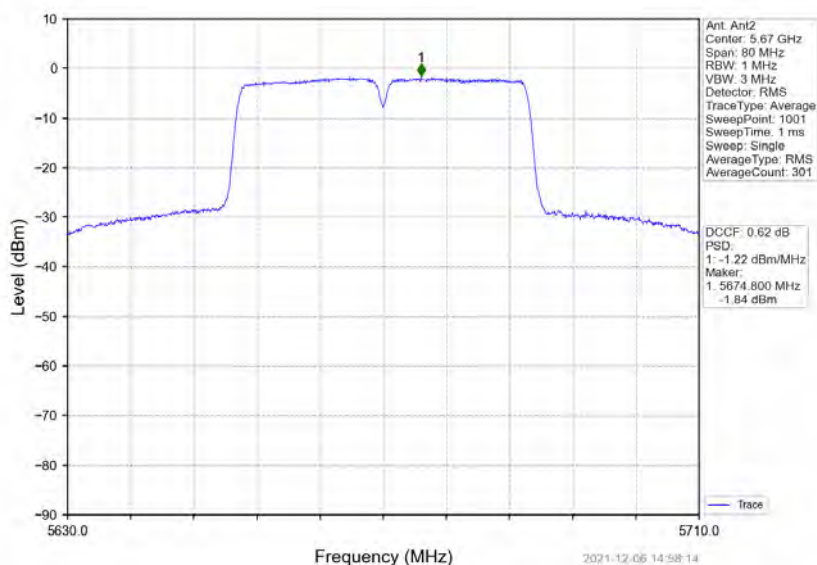
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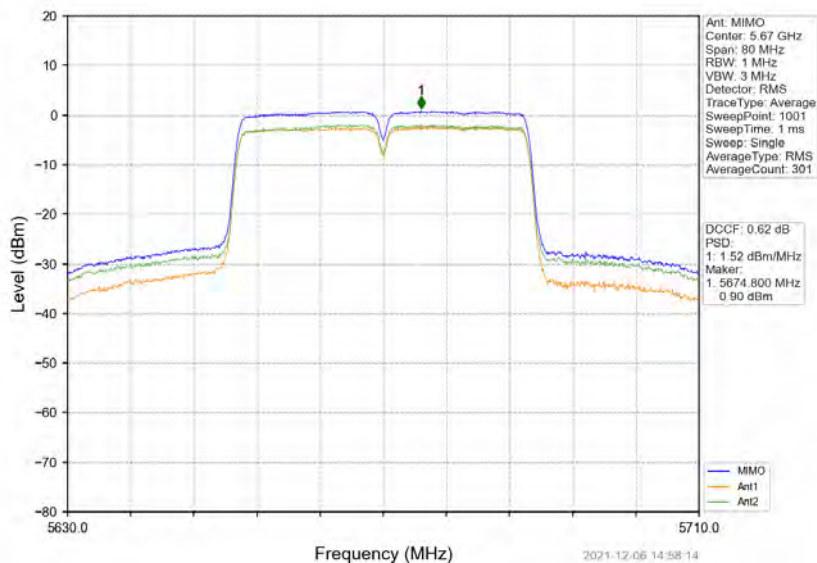
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802.11n(HT40) HCH_5670MHz_MIMO_NTNV



802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV

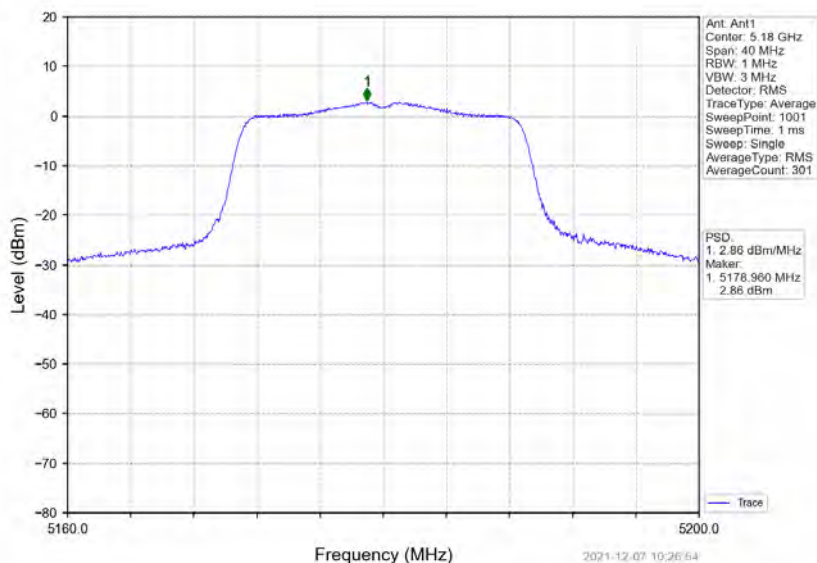


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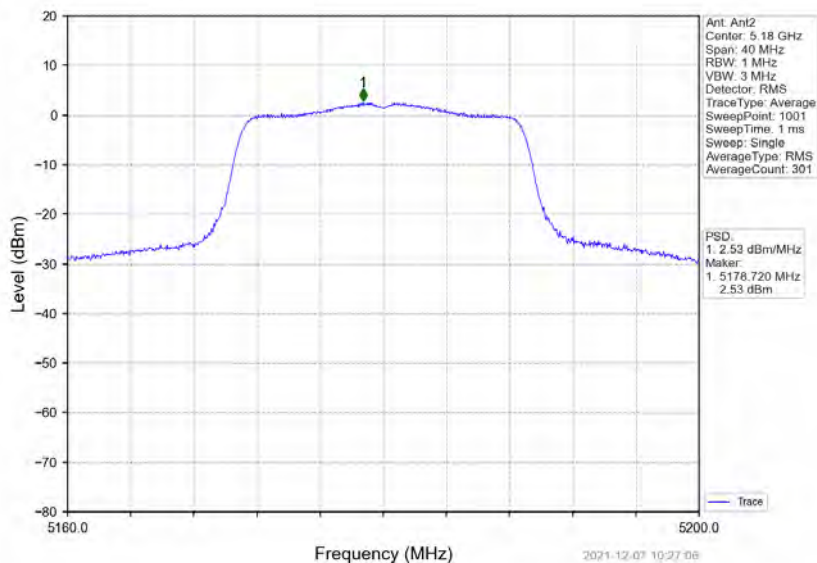
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802.11ac(VHT20) LCH 5180MHz Ant2 NTN



802.11ac(VHT20) LCH 5180MHz MIMO NTN

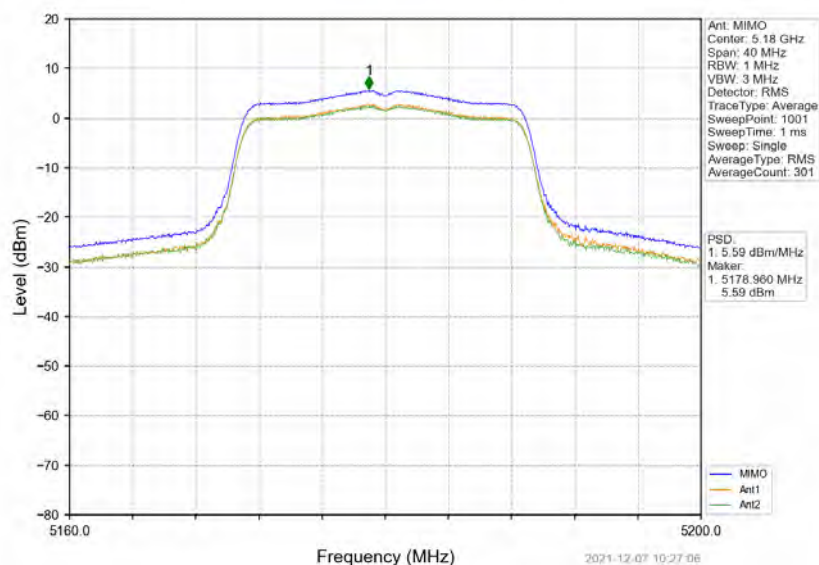


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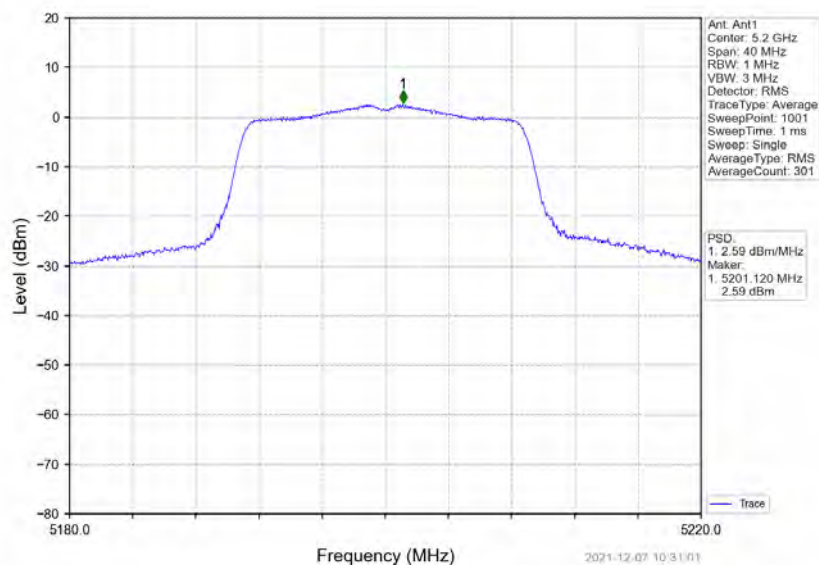
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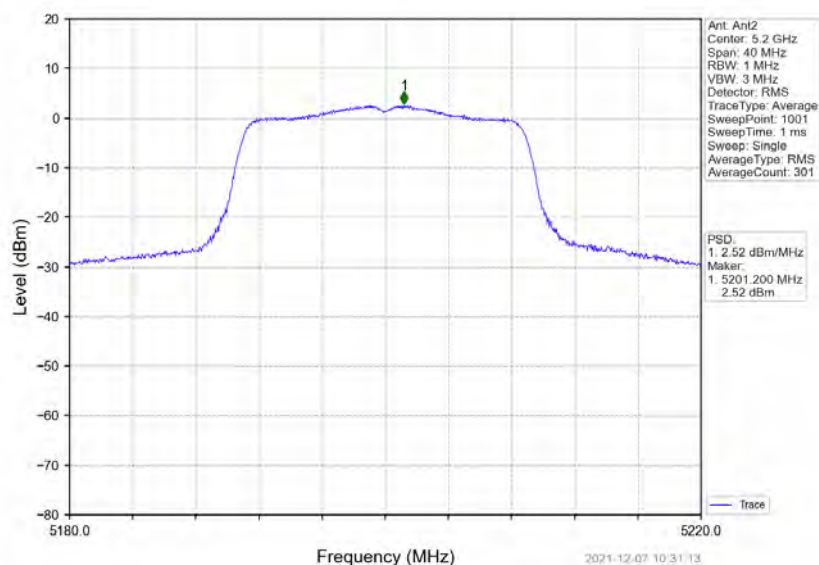
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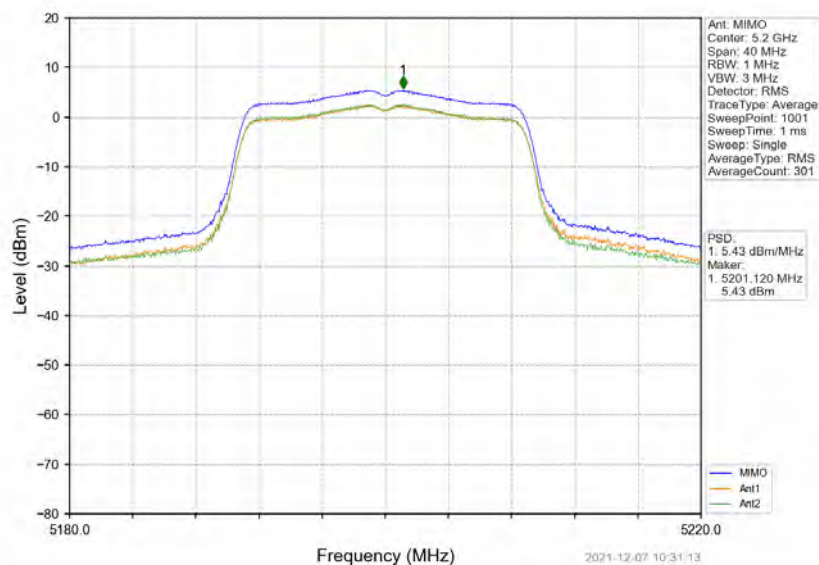
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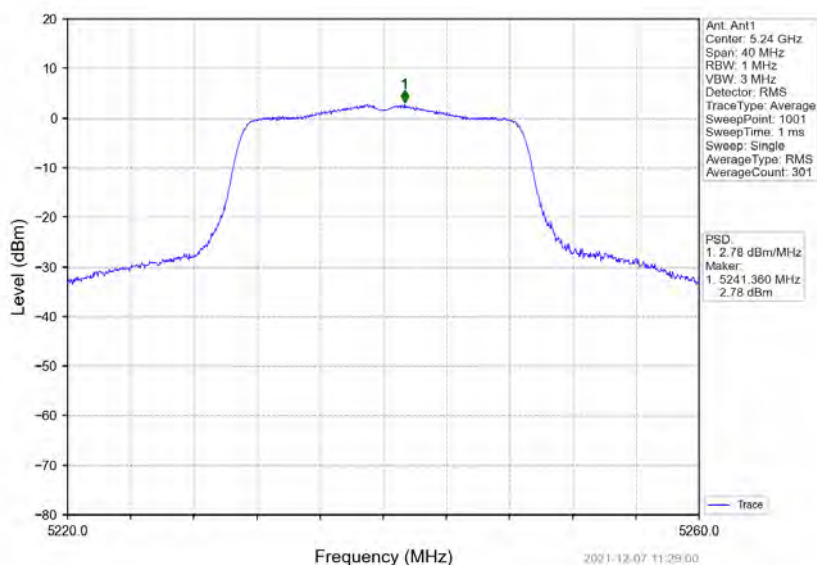
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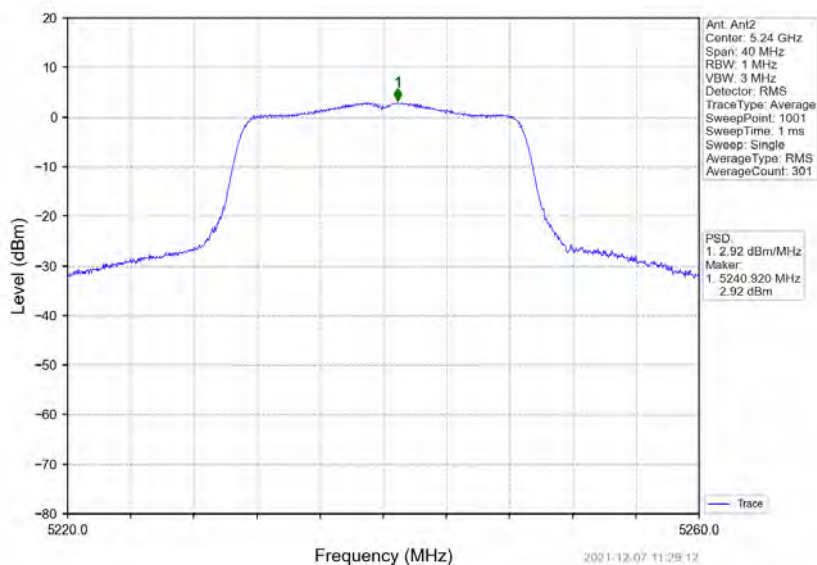
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802.11ac(VHT20) HCH 5240MHz Ant1 NTN



802.11ac(VHT20) HCH 5240MHz Ant2 NTN



802.11ac(VHT20) HCH 5240MHz MIMO NTN



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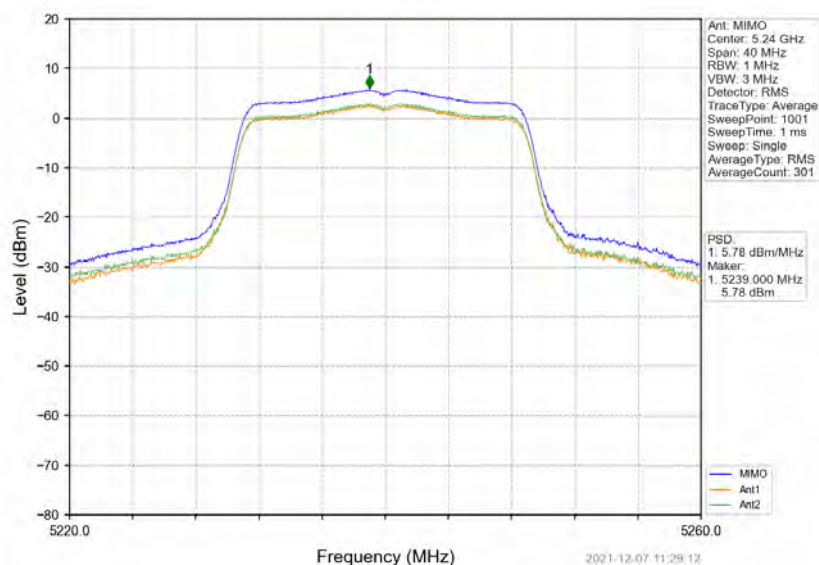
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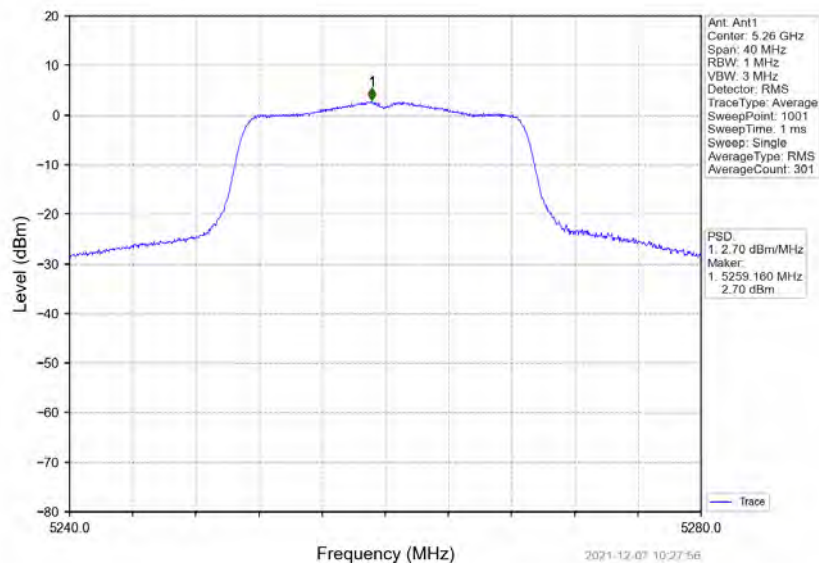
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802.11ac(VHT20) LCH 5260MHz Ant1 NTN



802.11ac(VHT20) LCH 5260MHz Ant2 NTN



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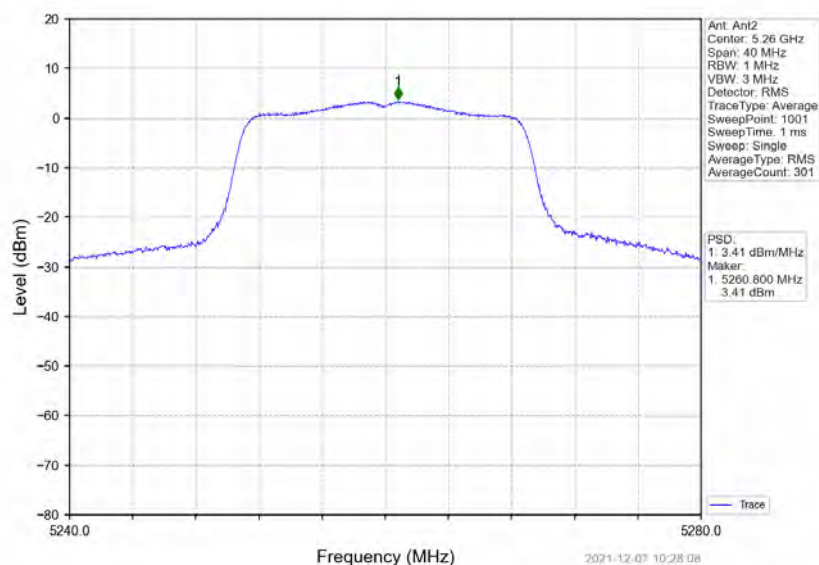
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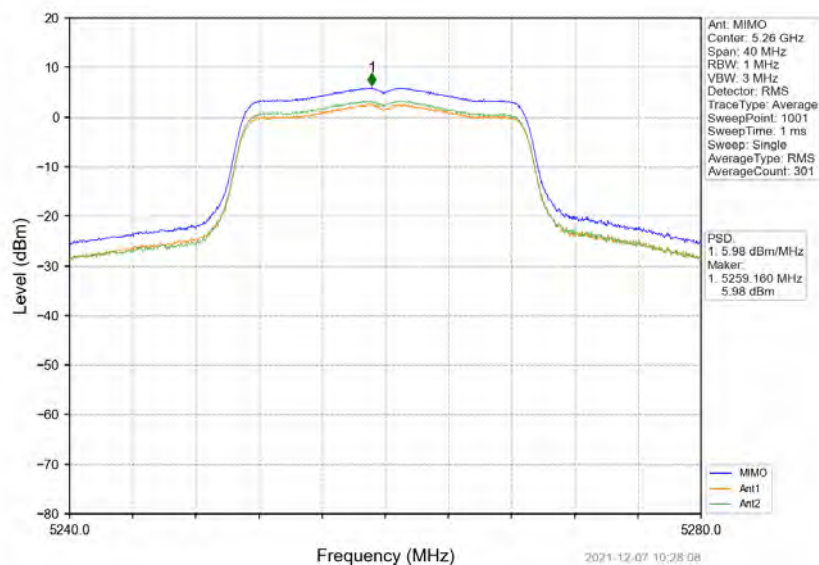
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802.11ac(VHT20) LCH 5260MHz MIMO NTN



802.11ac(VHT20) MCH 5300MHz Ant1 NTN

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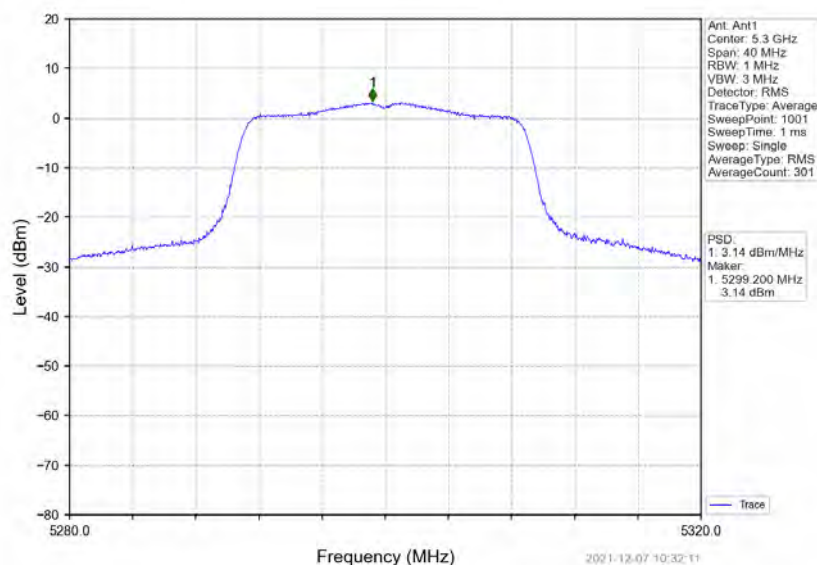
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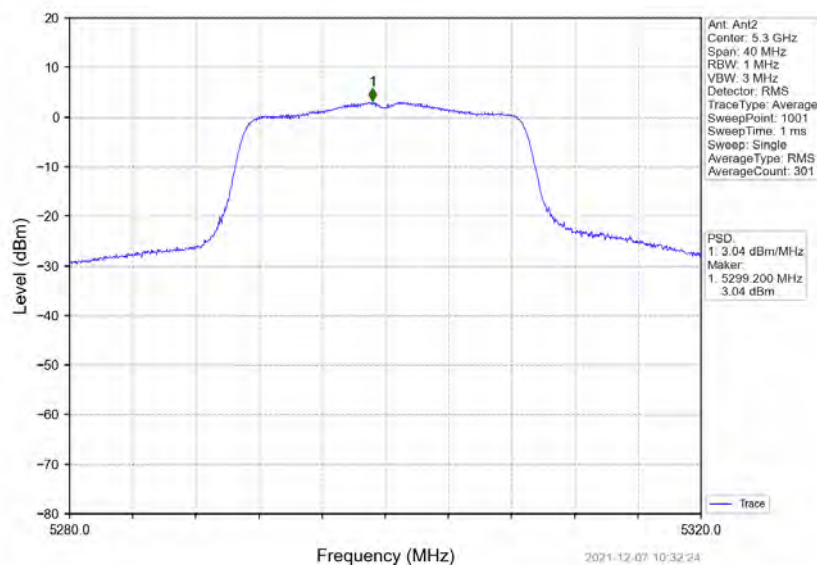
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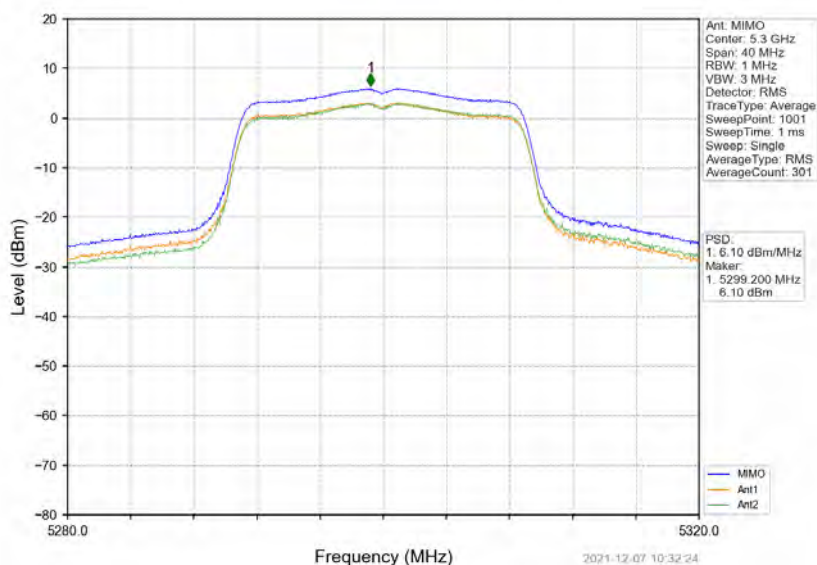


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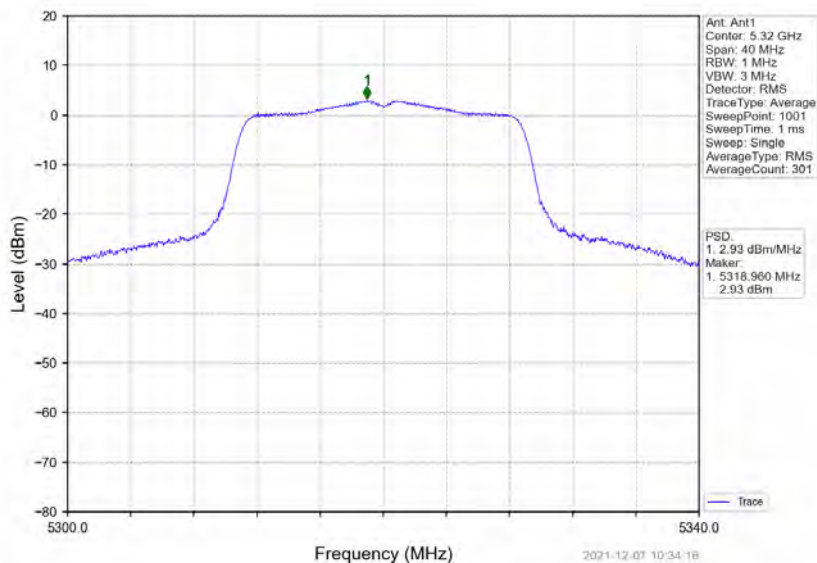


802.11ac(VHT20) MCH 5300MHz MIMO NTN





802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV



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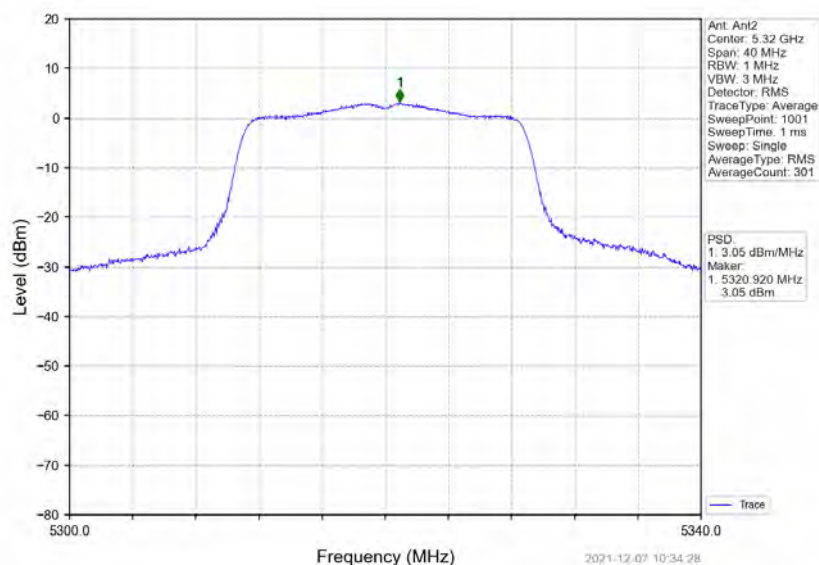
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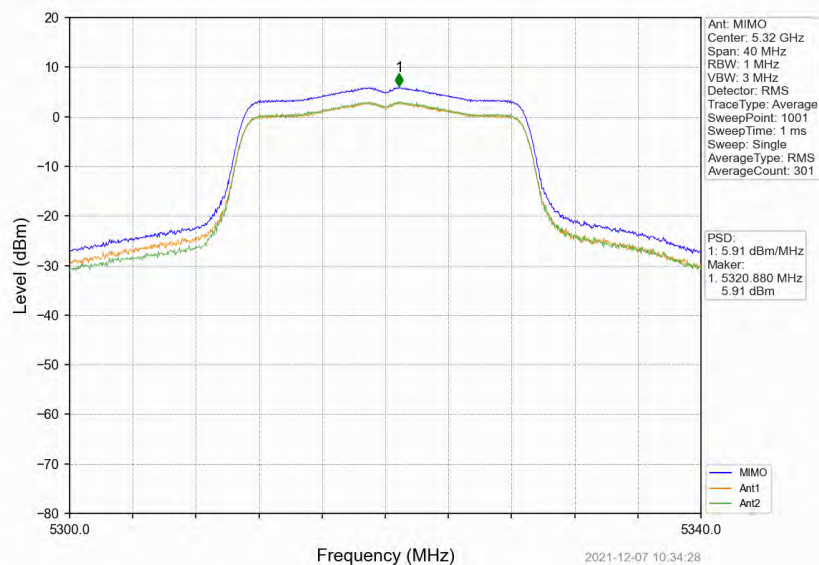
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802.11ac(VHT20)_HCH_5320MHz_MIMO_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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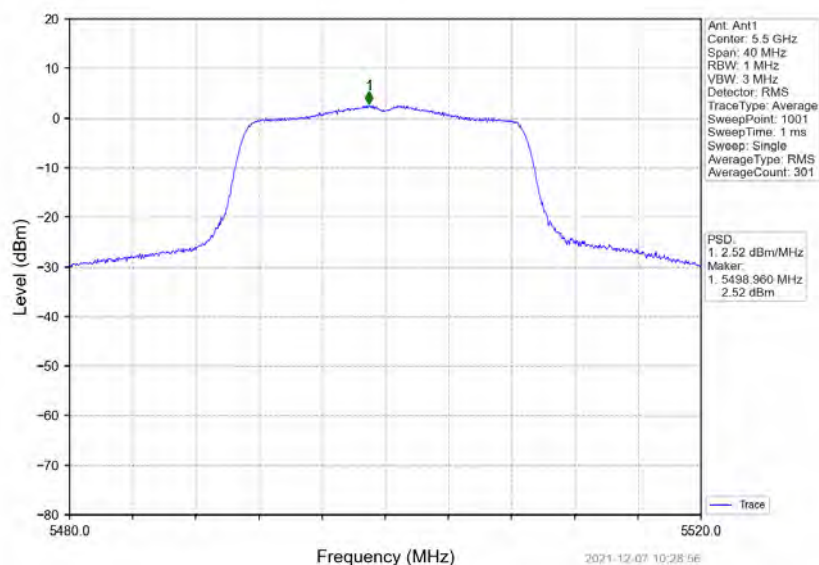
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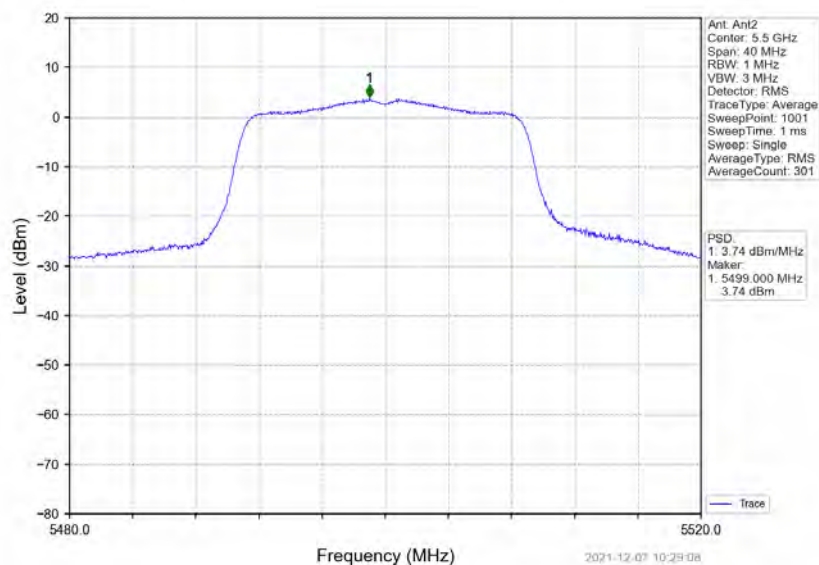
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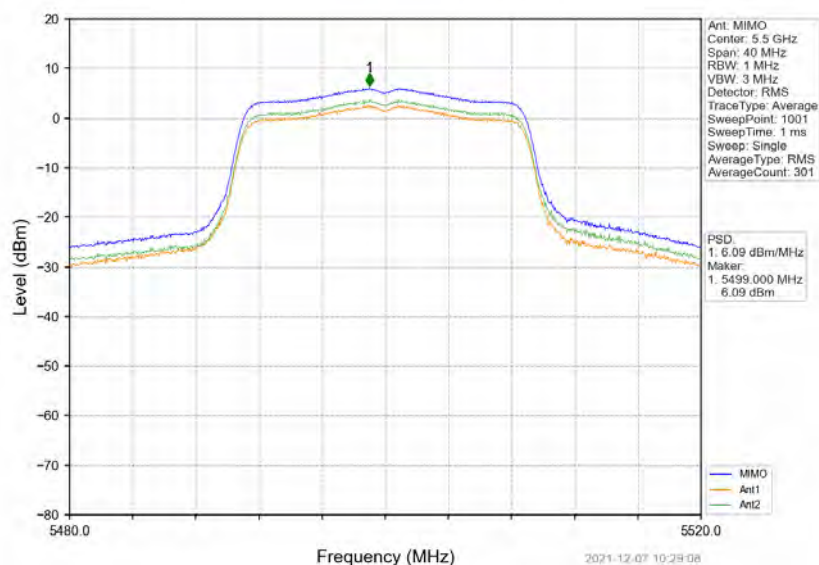
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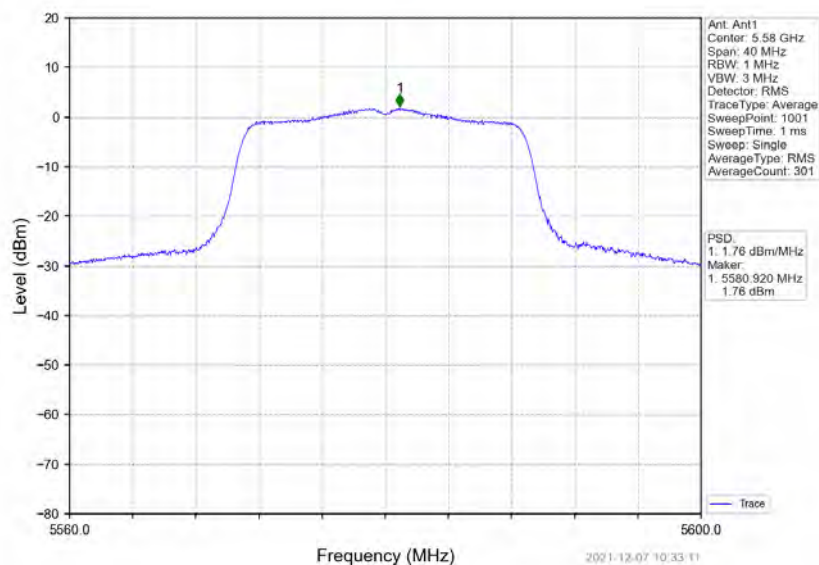
802.11ac(VHT20) LCH 5500MHz Ant2 NTN



802.11ac(VHT20) LCH 5500MHz MIMO NTN



802.11ac(VHT20) MCH 5580MHz Ant1 NTN



802.11ac(VHT20) MCH 5580MHz Ant2 NTN



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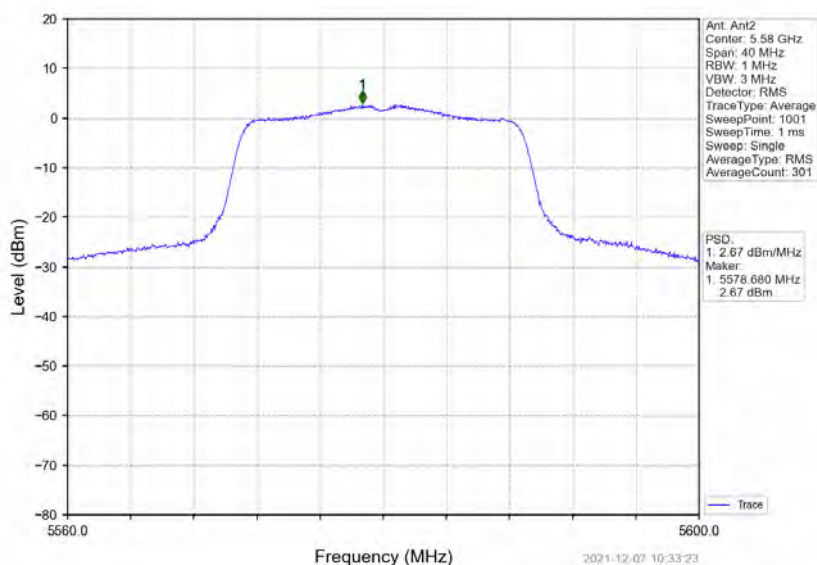
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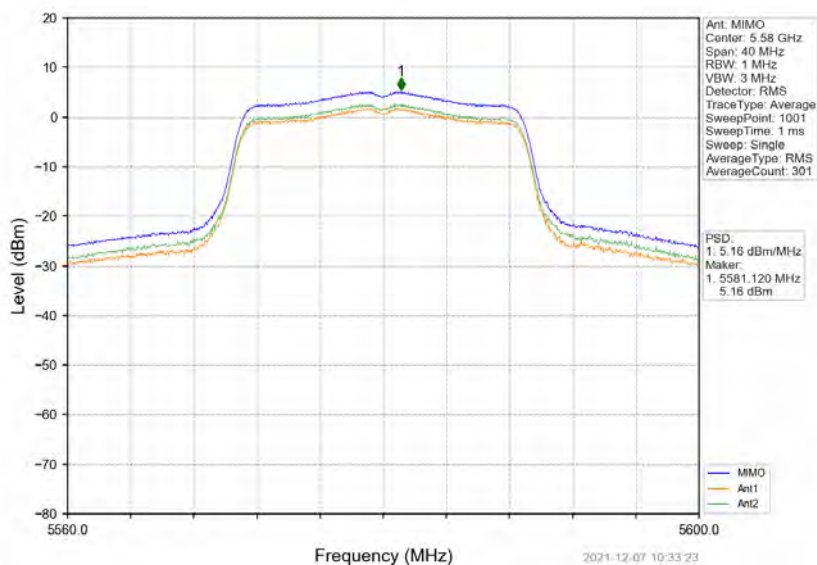
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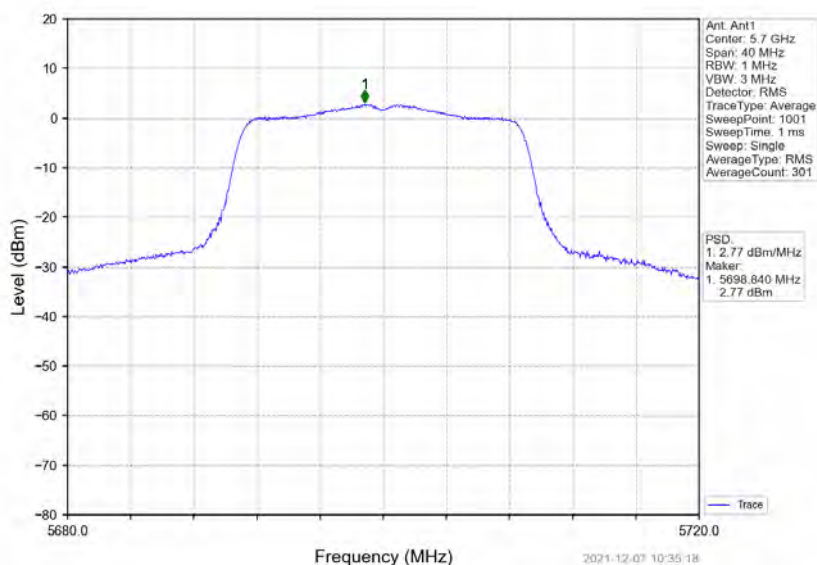
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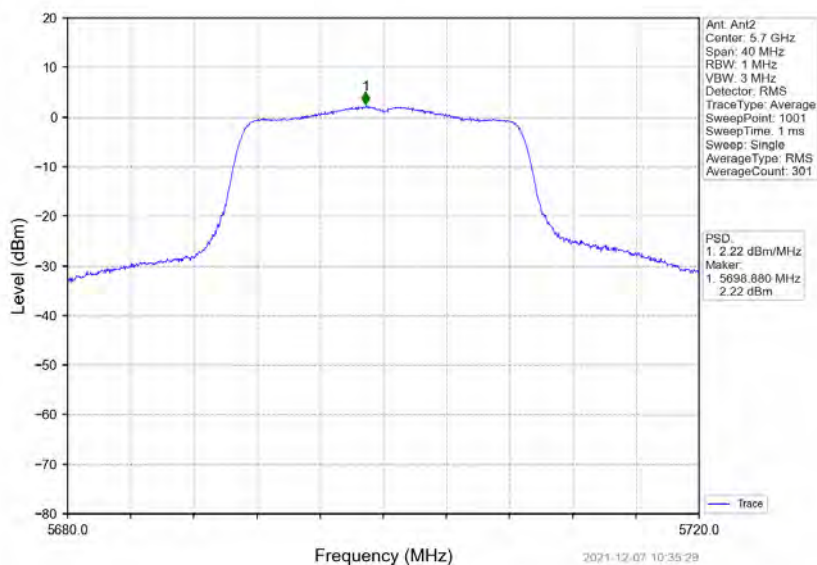
802.11ac(VHT20) MCH 5580MHz MIMO NTN



802.11ac(VHT20) HCH 5700MHz Ant1 NTN



802.11ac(VHT20) HCH 5700MHz Ant2 NTN



802.11ac(VHT20) HCH 5700MHz MIMO NTN



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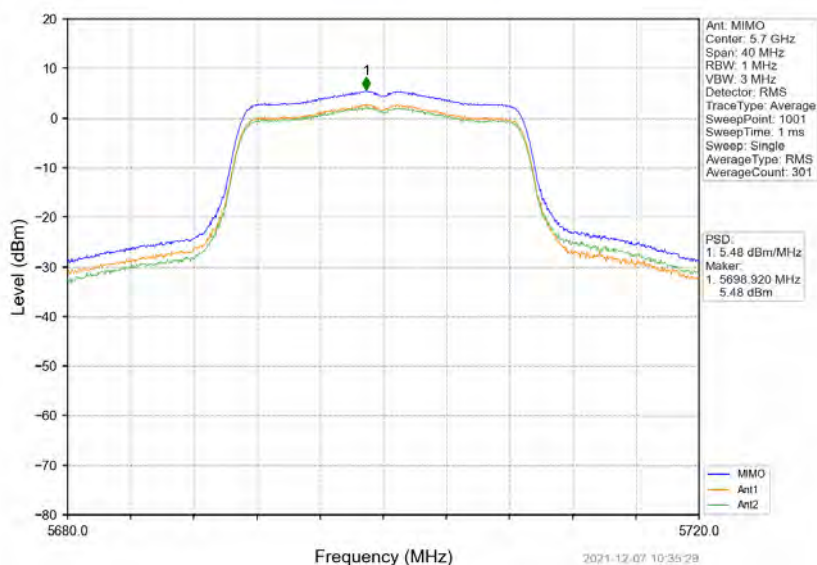
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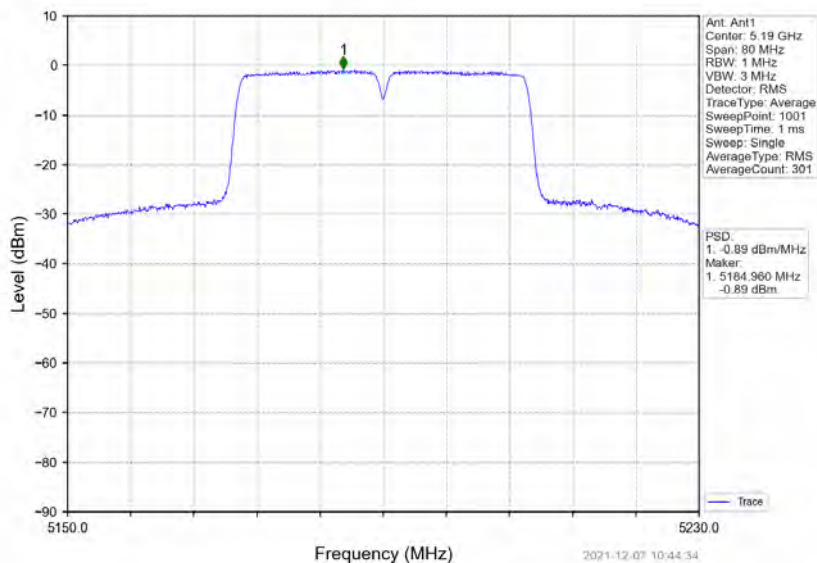
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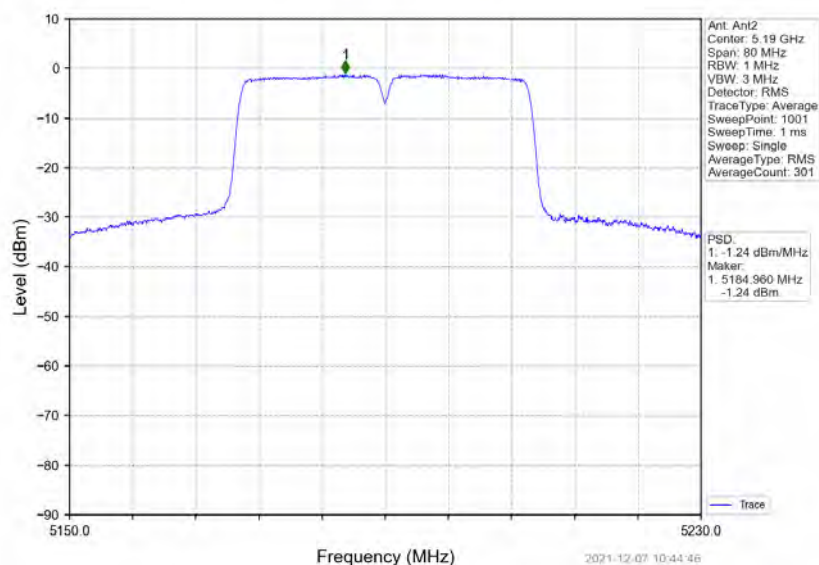
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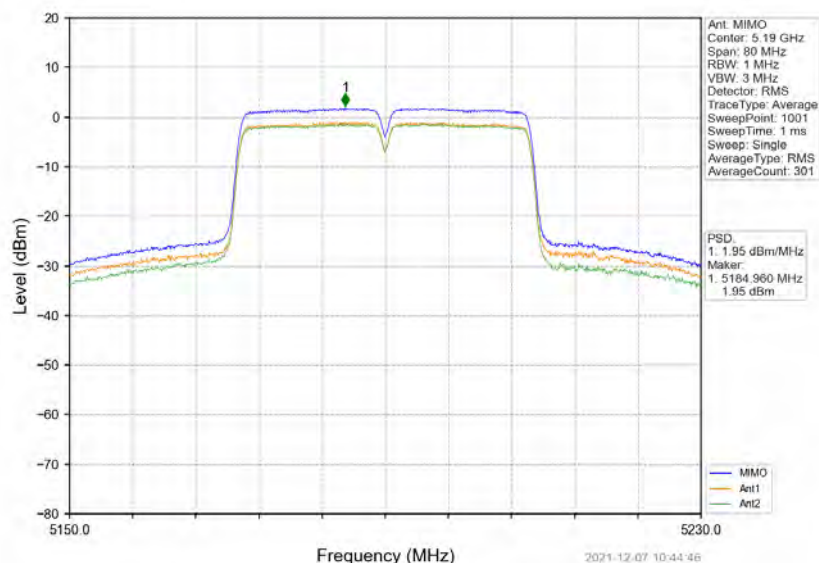
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



802.11ac(VHT40) LCH 5190MHz Ant2 NTN



802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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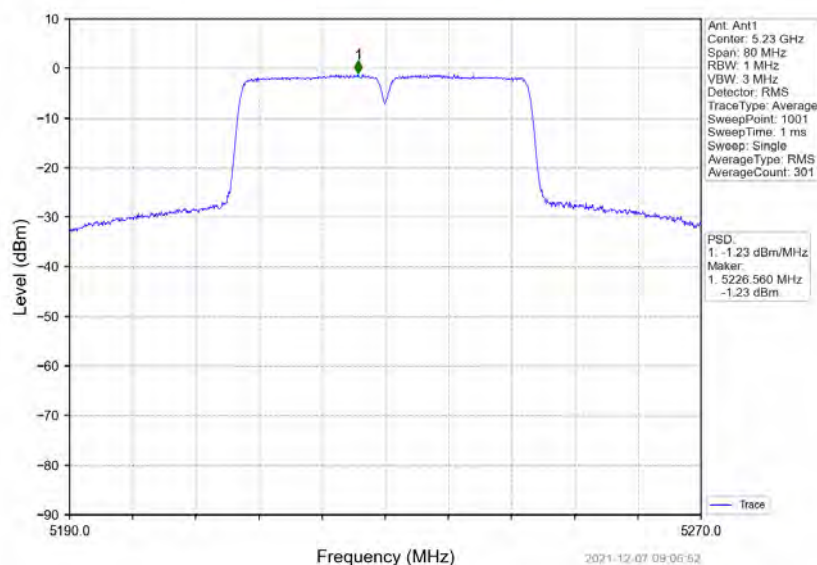
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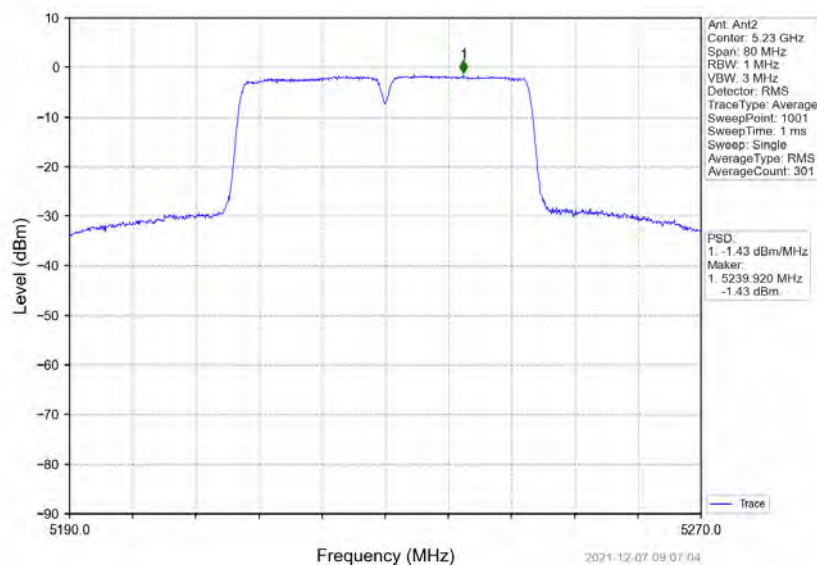
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802.11ac(VHT40) HCH 5230MHz Ant2 NTN



802.11ac(VHT40) HCH 5230MHz MIMO NTN



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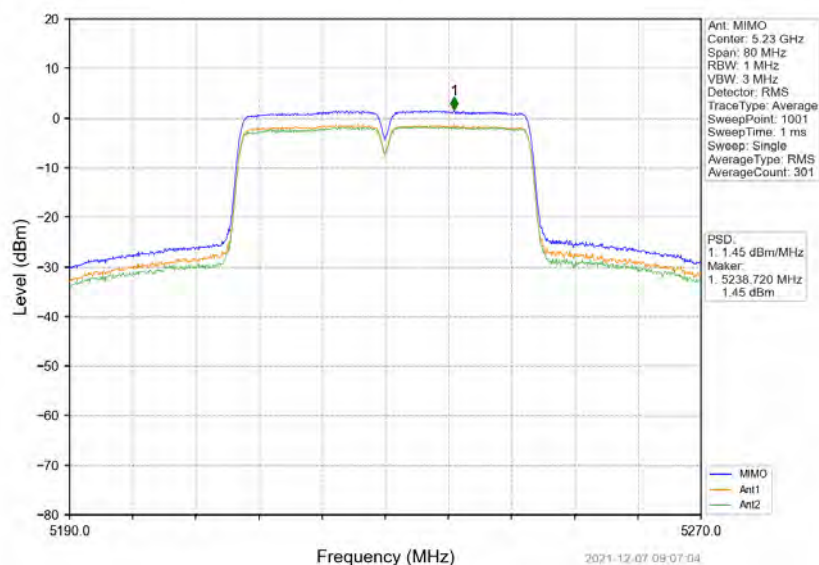
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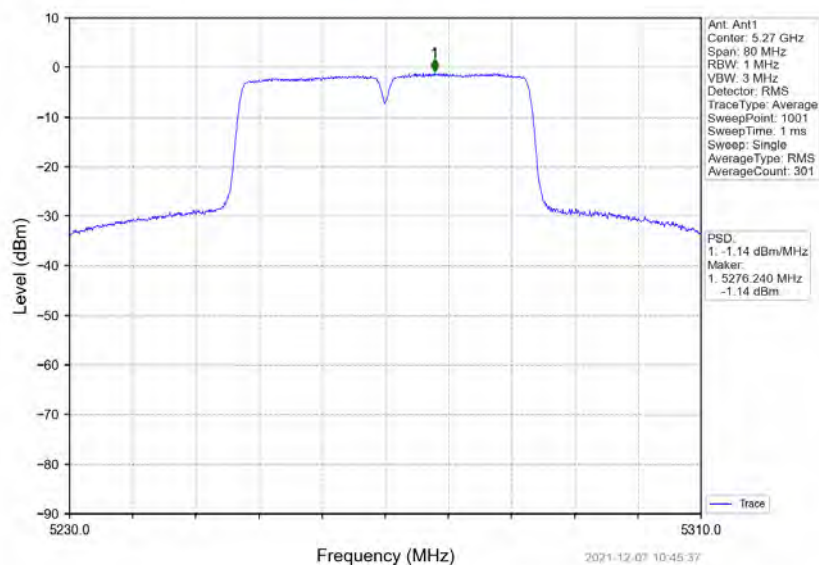
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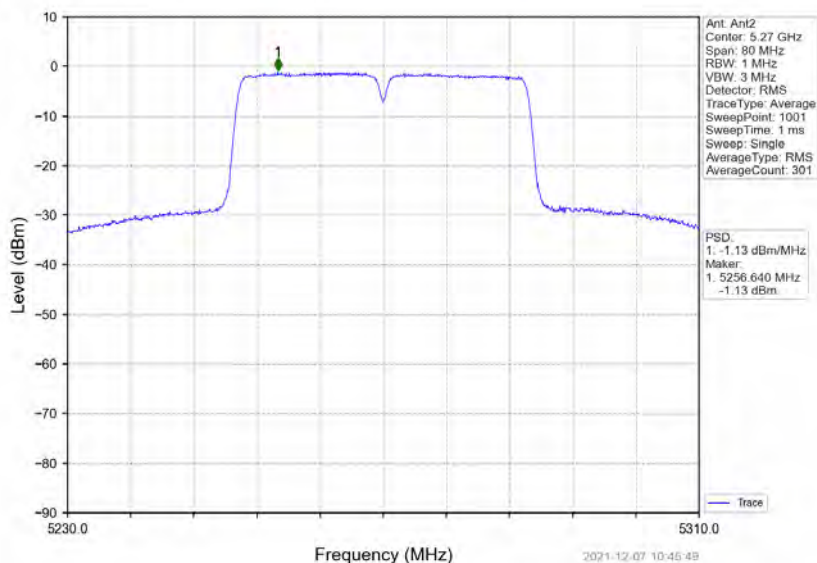
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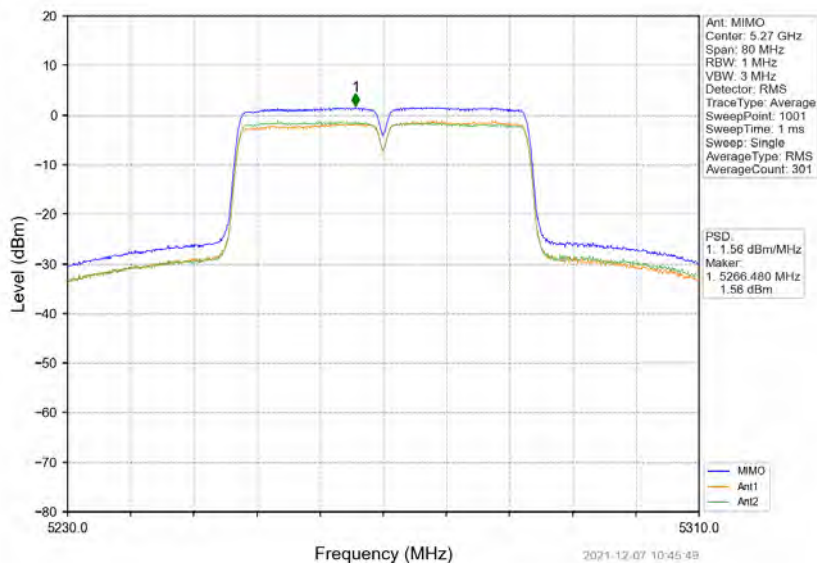
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802.11ac(VHT40) LCH 5270MHz Ant2 NTN



802.11ac(VHT40) LCH 5270MHz MIMO NTN



802.11ac(VHT40) HCH 5310MHz Ant1 NTN

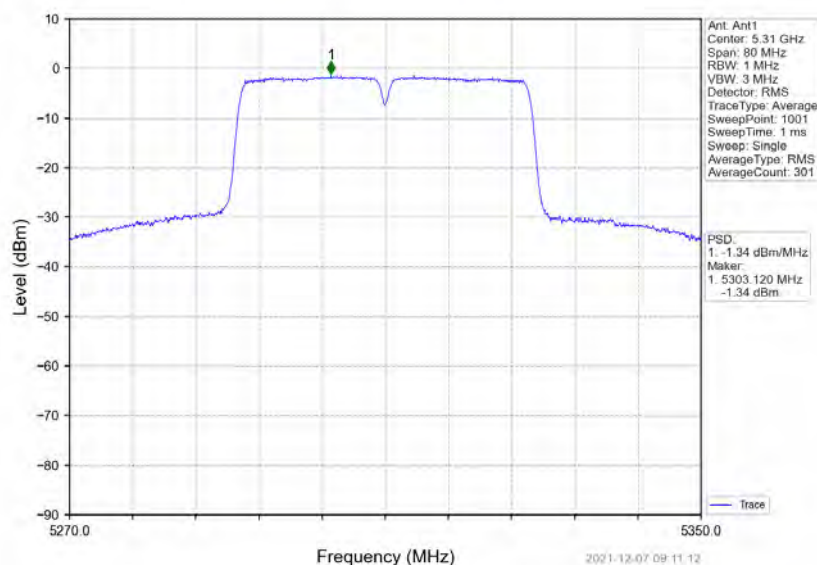


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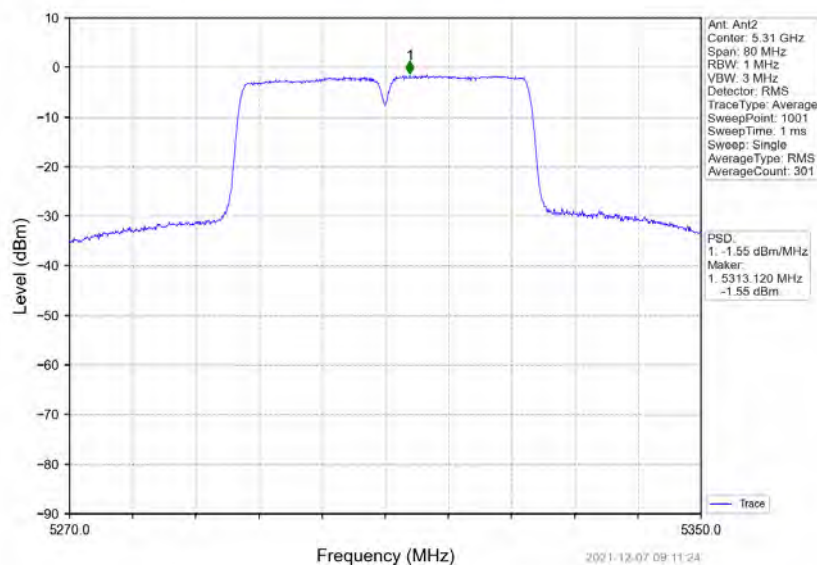
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802.11ac(VHT40) HCH 5310MHz Ant2 NTN



802.11ac(VHT40) HCH 5310MHz MIMO NTN



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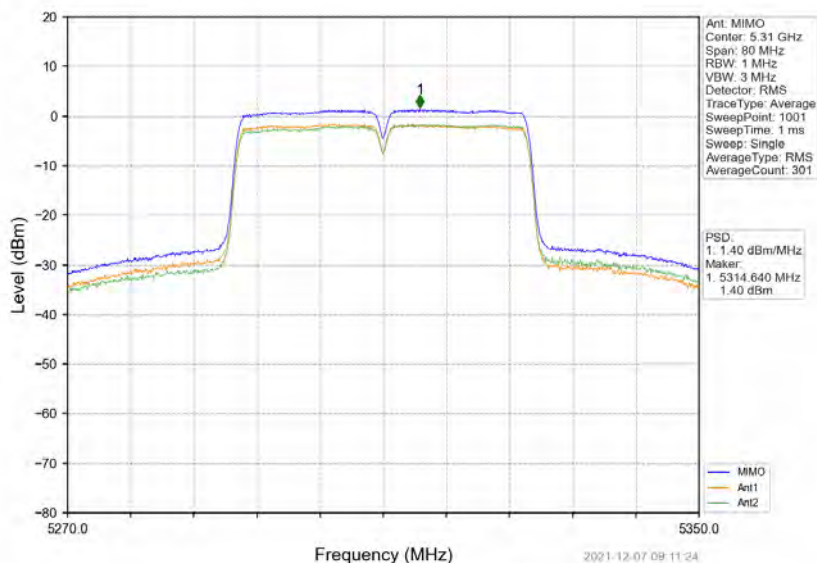
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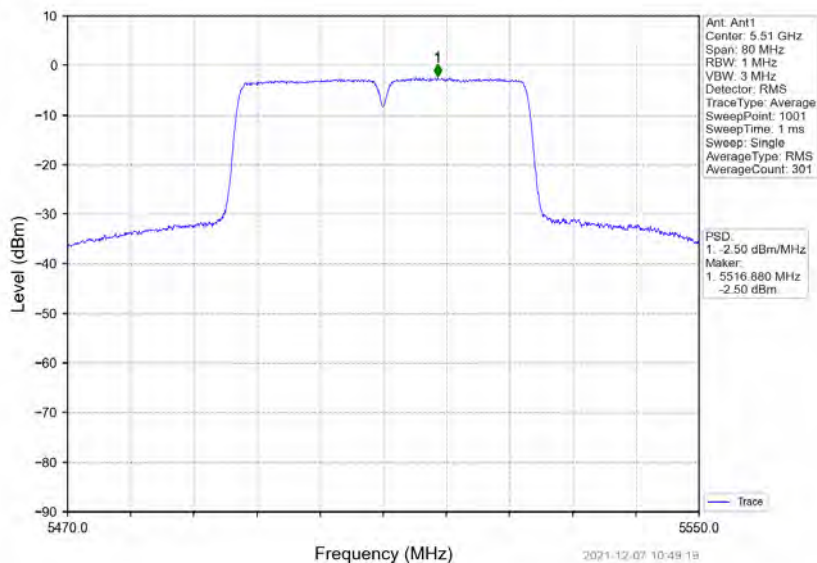
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802.11ac(VHT40) LCH 5510MHz Ant1 NTN



802.11ac(VHT40) LCH 5510MHz Ant2 NTN



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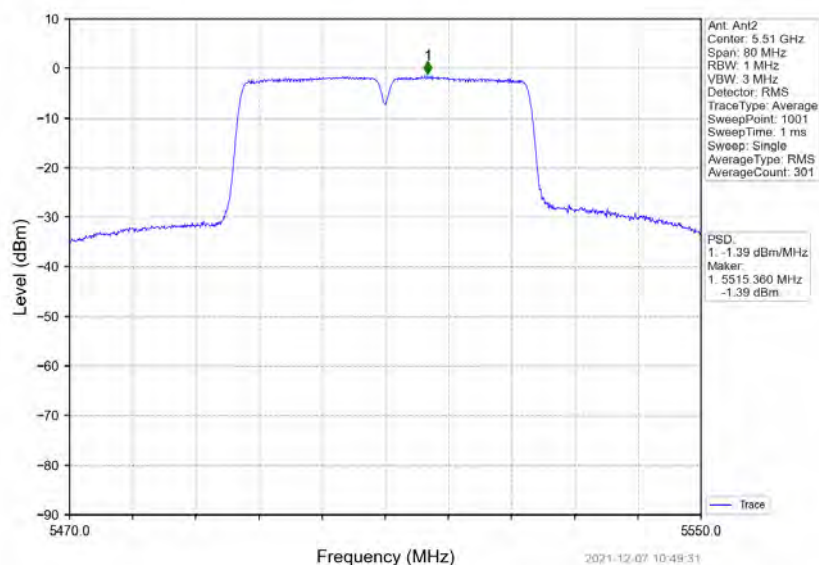
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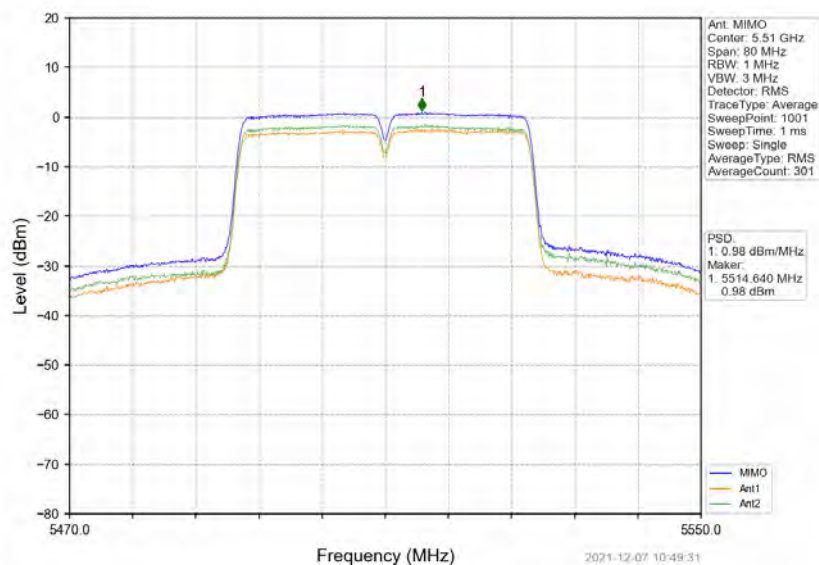
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802.11ac(VHT40) LCH 5510MHz MIMO NTNv



802.11ac(VHT40) MCH 5550MHz Ant1 NTNv



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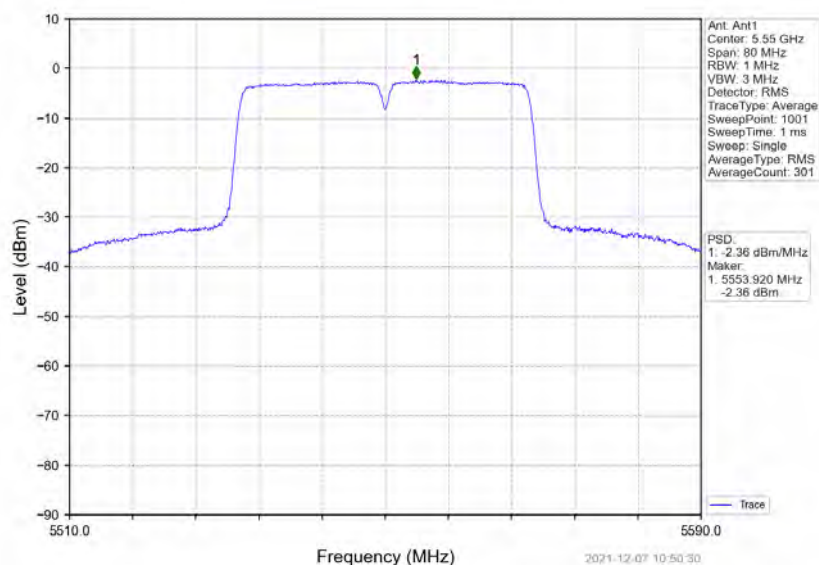
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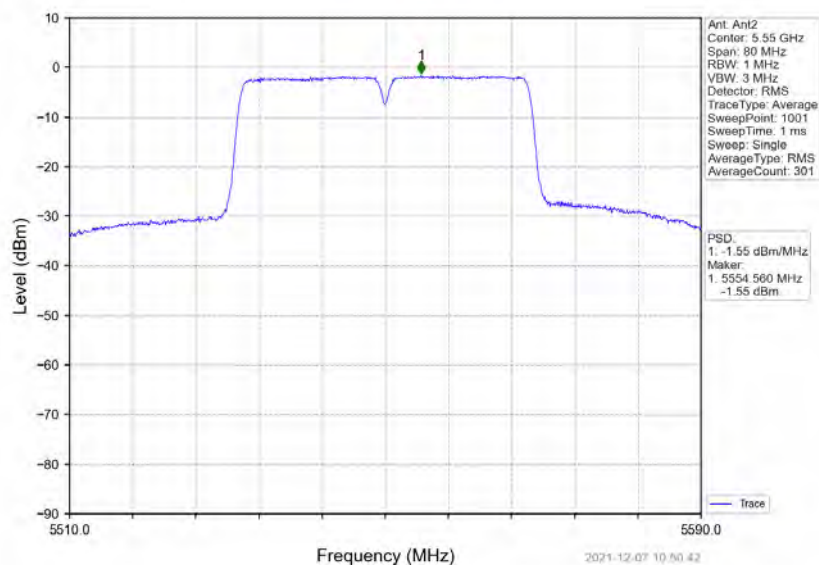
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802.11ac(VHT40) MCH 5550MHz Ant2 NTN



802.11ac(VHT40) MCH 5550MHz MIMO NTN



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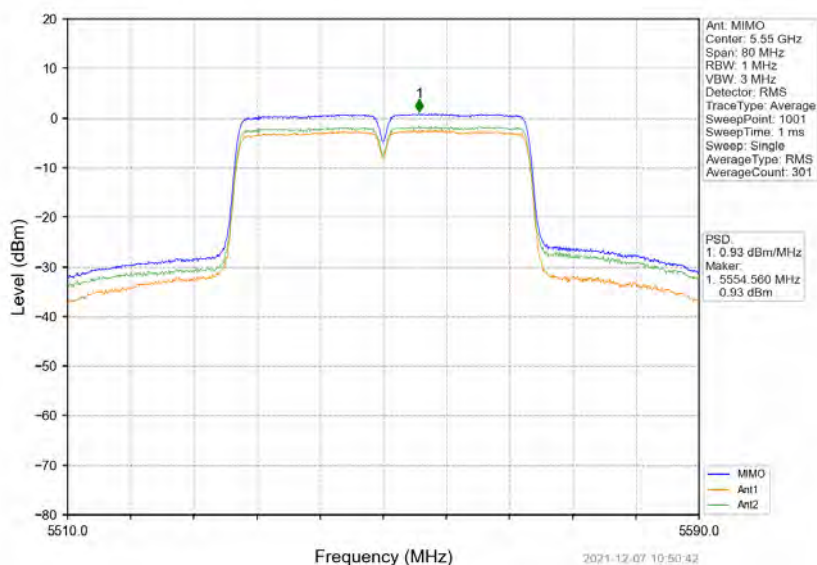
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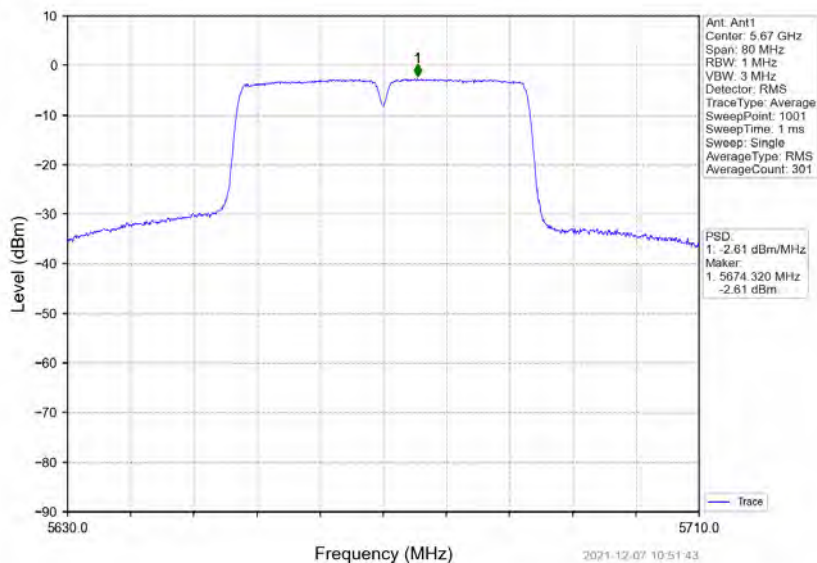
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802.11ac(VHT40) HCH 5670MHz Ant1 NTN



802.11ac(VHT40) HCH 5670MHz Ant2 NTN



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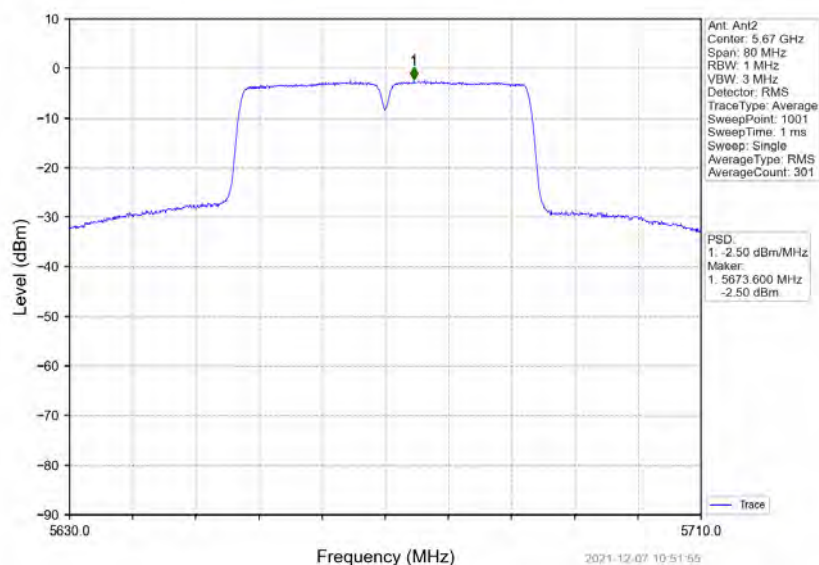
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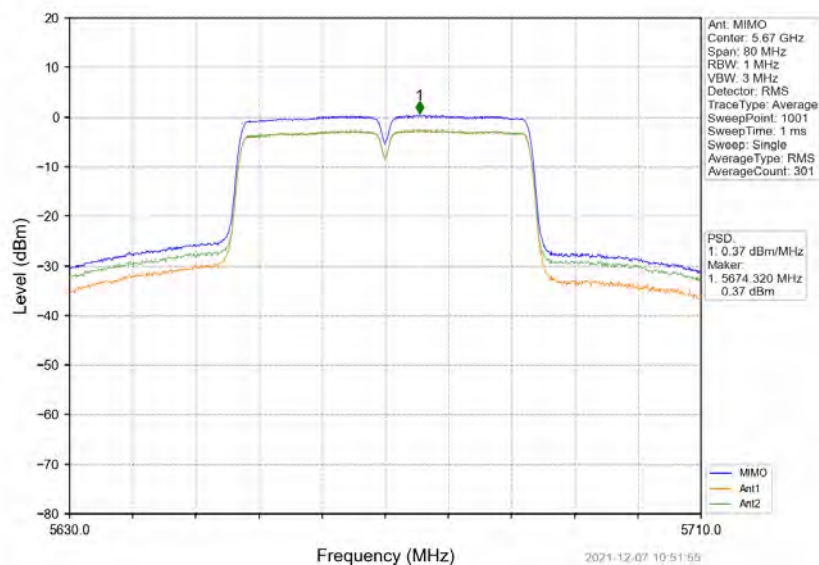
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802.11ac(VHT40) HCH 5670MHz MIMO NTN



802.11ac(VHT80) MCH 5210MHz Ant1 NTN



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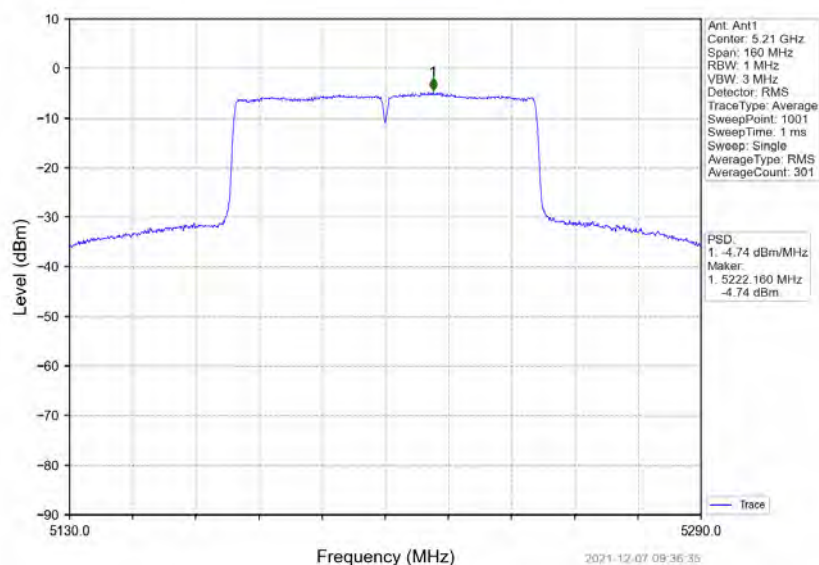
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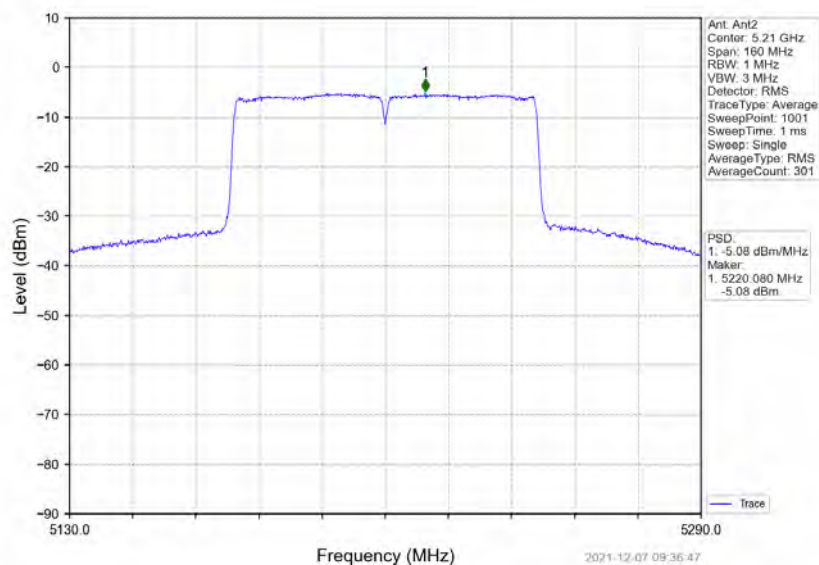
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802.11ac(VHT80) MCH 5210MHz Ant2 NTN



802.11ac(VHT80) MCH 5210MHz MIMO NTN



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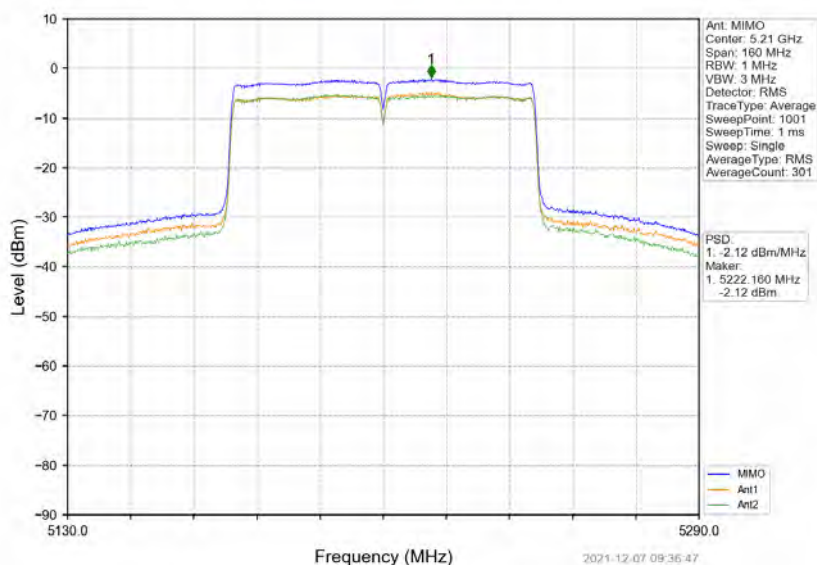
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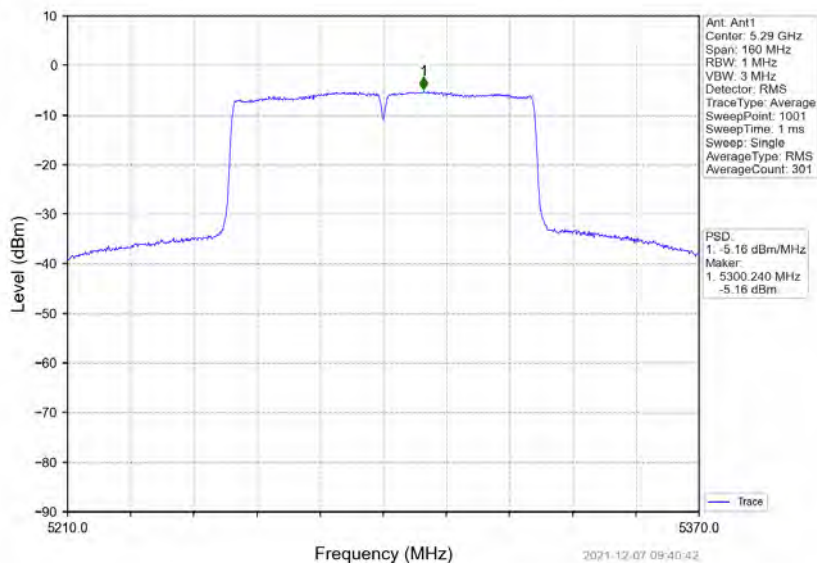
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802.11ac(VHT80) MCH 5290MHz Ant1 NTN



802.11ac(VHT80) MCH 5290MHz Ant2 NTN



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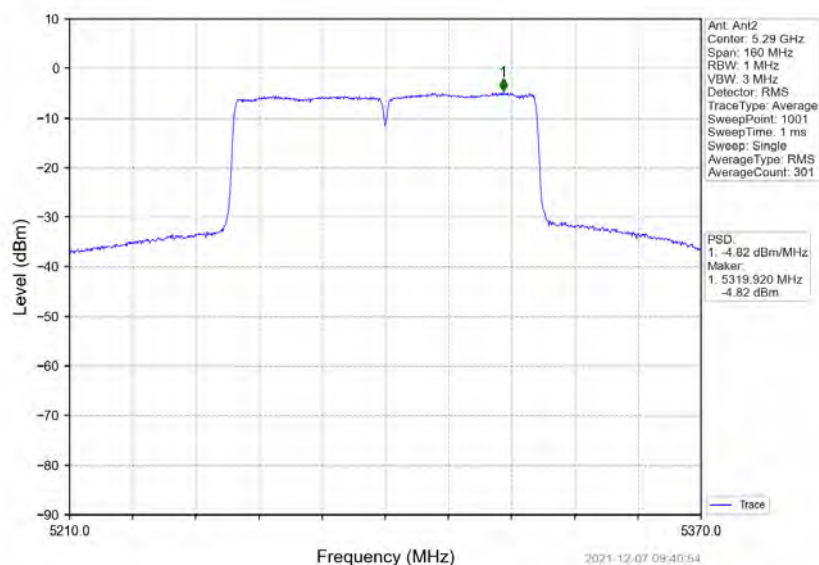
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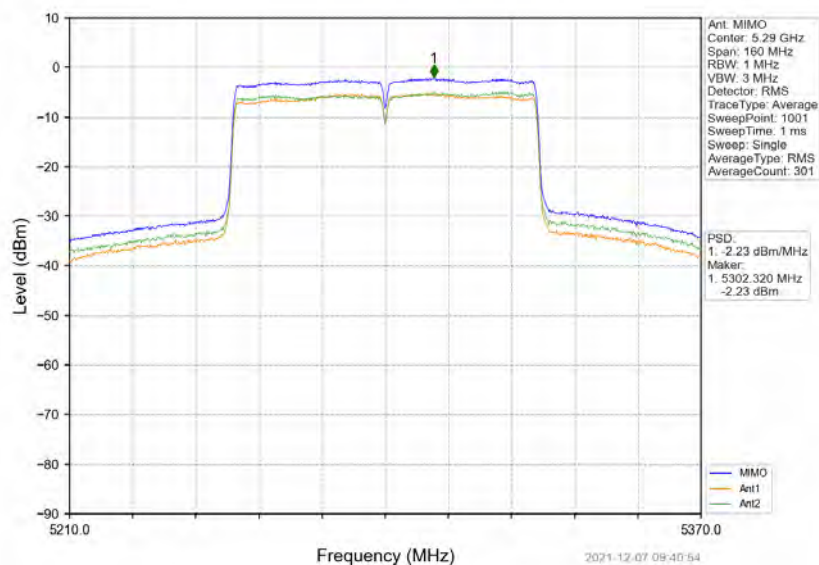
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802.11ac(VHT80) MCH 5290MHz MIMO NTN



802.11ac(VHT80) LCH 5530MHz Ant1 NTN



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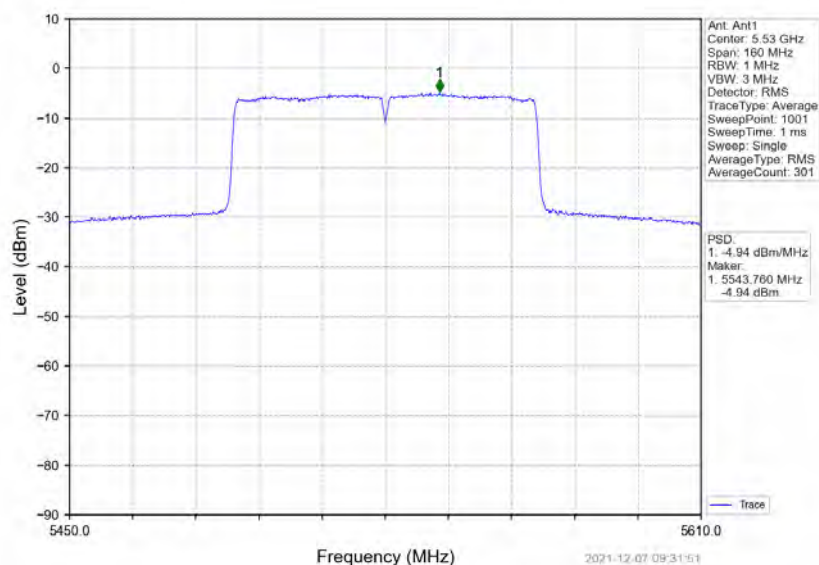
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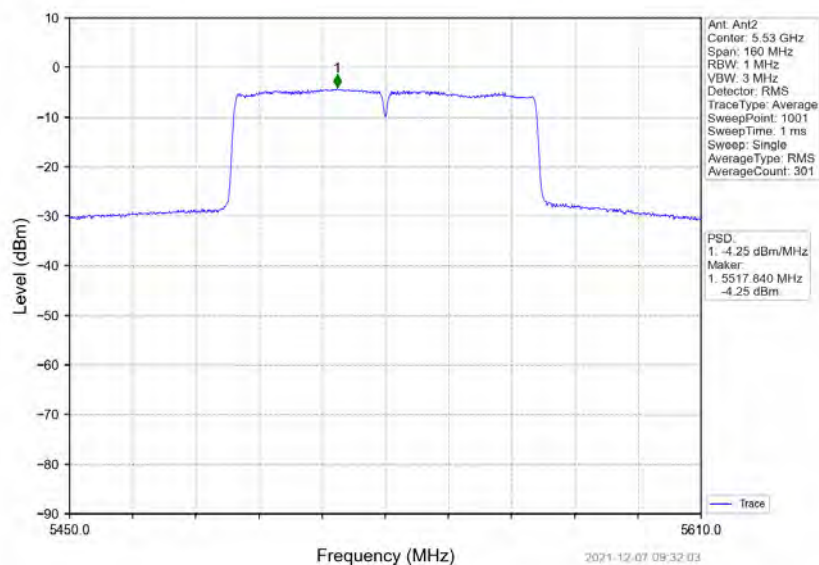
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802.11ac(VHT80) LCH 5530MHz Ant2 NTN



802.11ac(VHT80) LCH 5530MHz MIMO NTN



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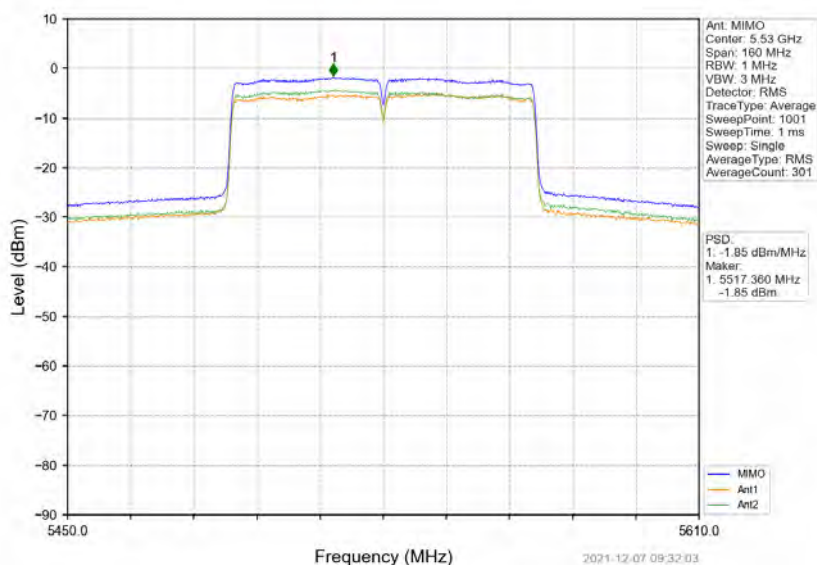
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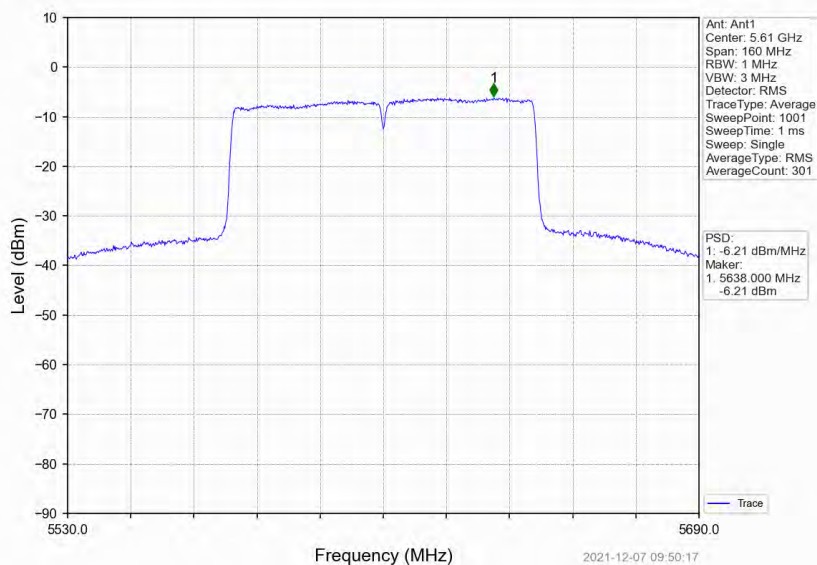
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802.11ac(VHT80) HCH 5610MHz Ant1 NTN



802.11ac(VHT80) HCH 5610MHz Ant2 NTN

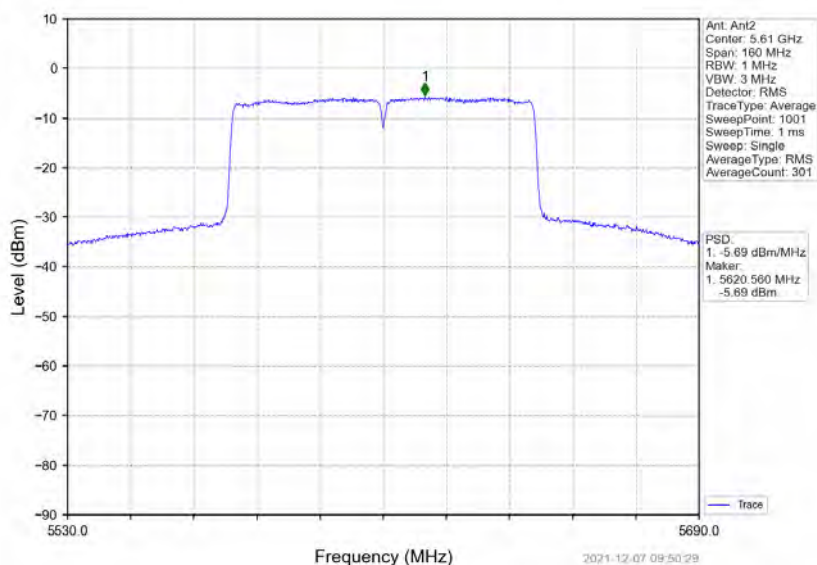


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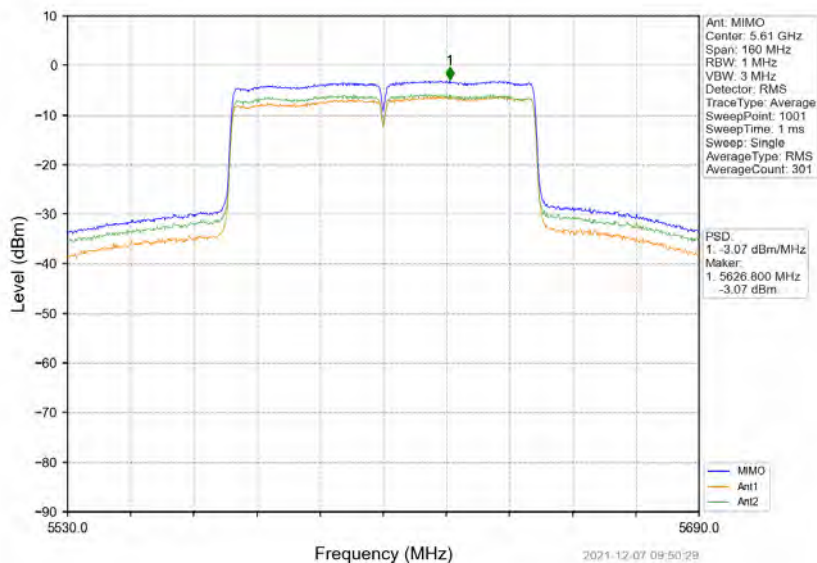
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802.11ac(VHT80)_HCH_5610MHz_MIMO_NTNV



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4.2 PSD-Band3

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5745	0.61	1.14	/	<=29.19	Pass
		5785	0.68	0.76	/	<=29.19	Pass
		5825	0.91	1.10	/	<=29.19	Pass
802.11n (HT20)	MIMO	5745	0.31	0.81	3.50	<=27.08	Pass
		5785	0.64	0.27	3.44	<=27.08	Pass
		5825	1.02	0.73	3.69	<=27.08	Pass
802.11n (HT40)	MIMO	5755	-4.44	-3.43	-1.10	<=27.08	Pass
		5795	-4.47	-3.61	-1.06	<=27.08	Pass
802.11ac (VHT20)	MIMO	5745	-0.66	-0.69	2.29	<=27.08	Pass
		5785	0.29	-0.22	2.87	<=27.08	Pass
		5825	-0.10	-0.46	2.73	<=27.08	Pass
802.11ac (VHT40)	MIMO	5755	-6.34	-5.46	-3.04	<=27.08	Pass
		5795	-5.15	-5.01	-2.24	<=27.08	Pass
802.11ac (VHT80)	MIMO	5775	-8.75	-8.48	-5.76	<=27.08	Pass

Note1: Antenna Gain: Ant1: 2.24dBi; Ant2: 6.81dBi;

Note2: Directional Gain: 8.92dBi.

Note3: The EUT 802.11a mode supports SISO transmission. The Gain of each antenna is 4.91dBi and 6.81dBi. Therefore, the power limit should be reduced from the part exceeding 6.

For Ant 1 5150-5700: 11.00dBm/MHz & 5725-5850: 30.00dBm/500kHz;

For Ant 2 5150-5700: 10.19dBm/MHz & 5725-5850: 29.19dBm/500kHz, we only present the most stringent requirements in the table.



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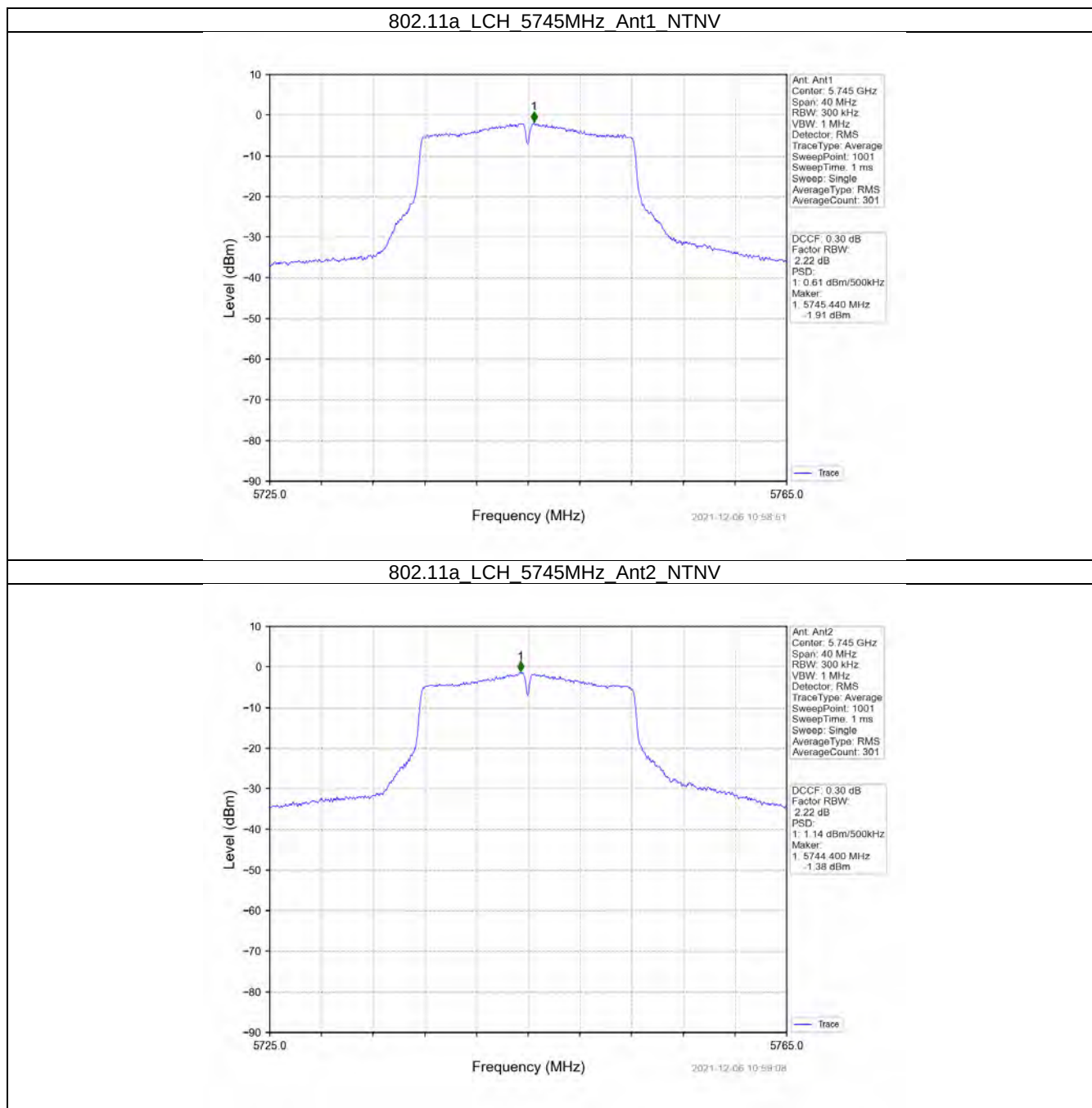
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4.2.2 Test Graph



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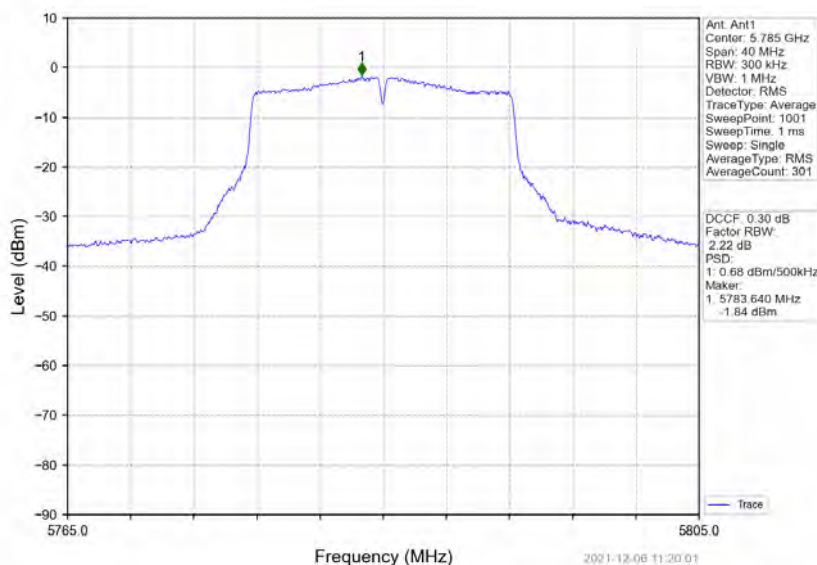
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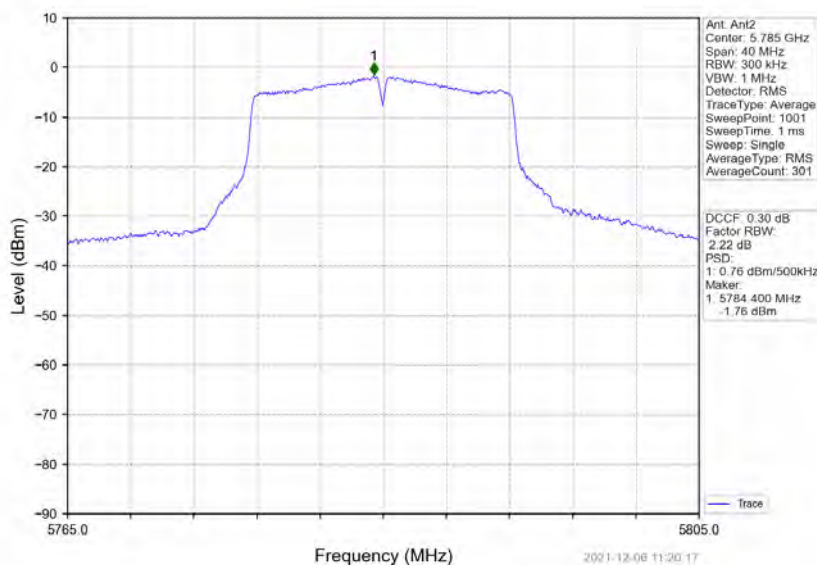
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802.11a_MCH_5785MHz_Ant2_NTNV



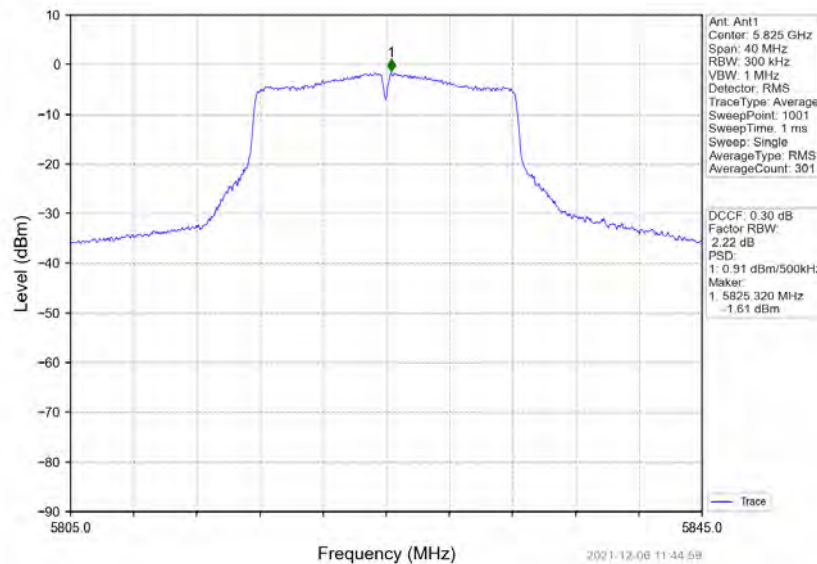
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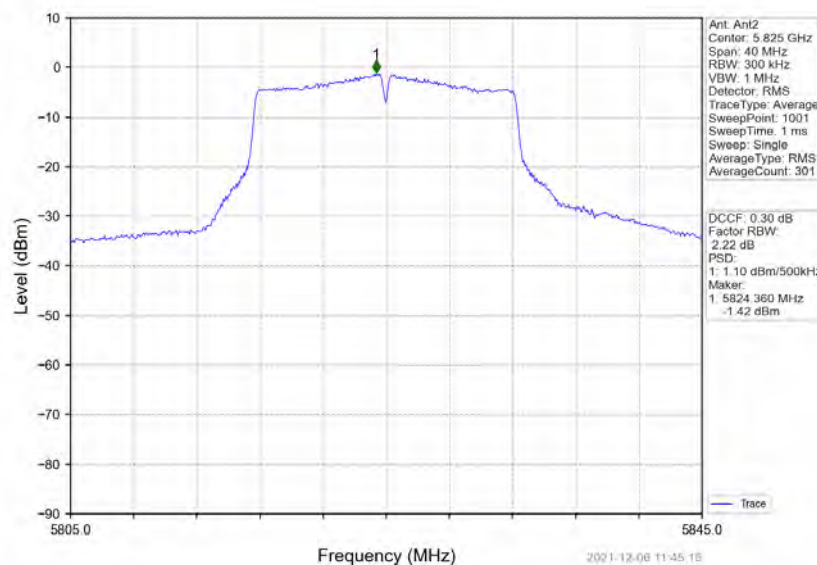
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant2_NTNV



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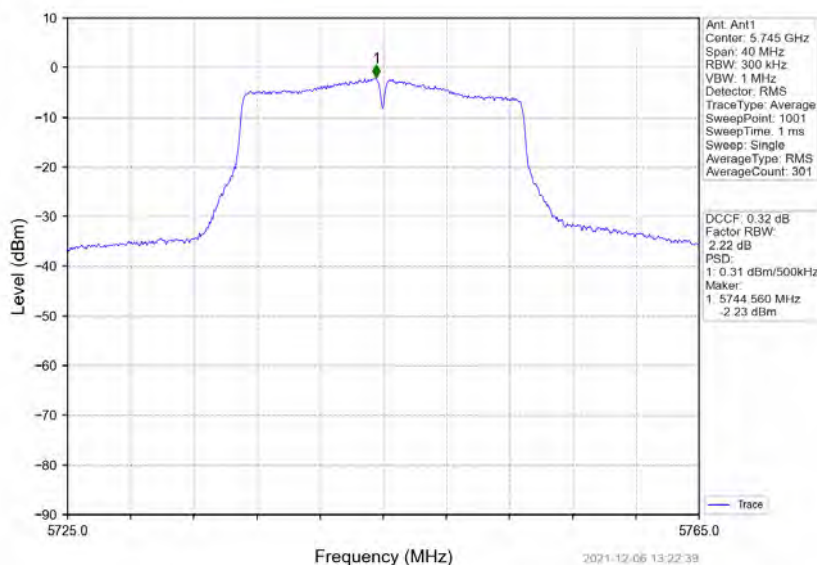
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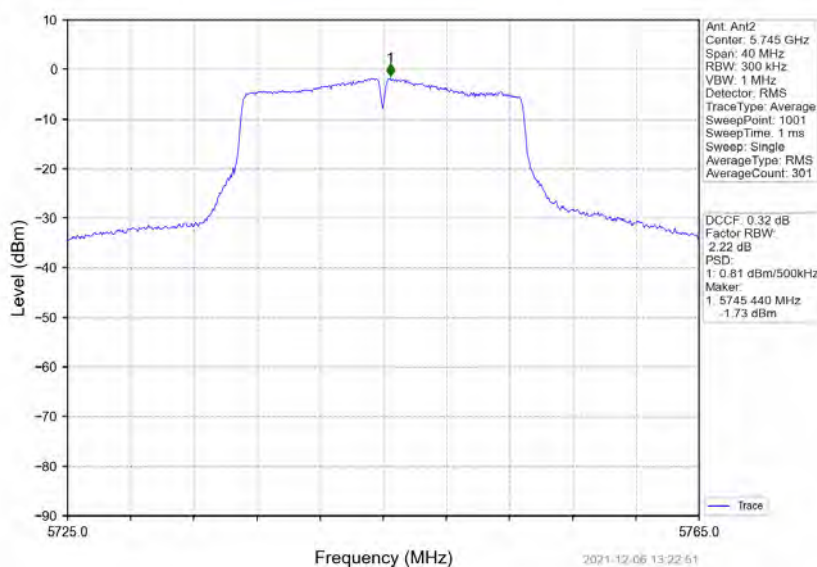
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802.11n(HT20) LCH 5745MHz Ant2 NTN



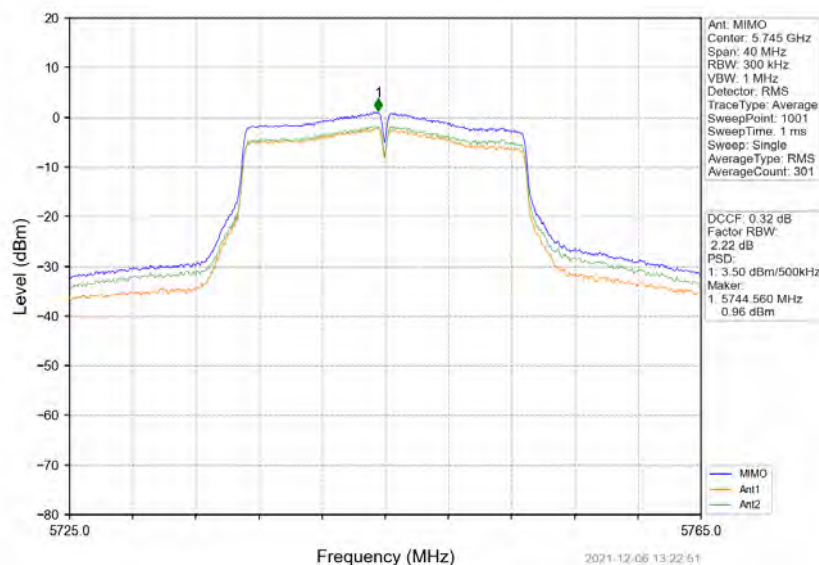
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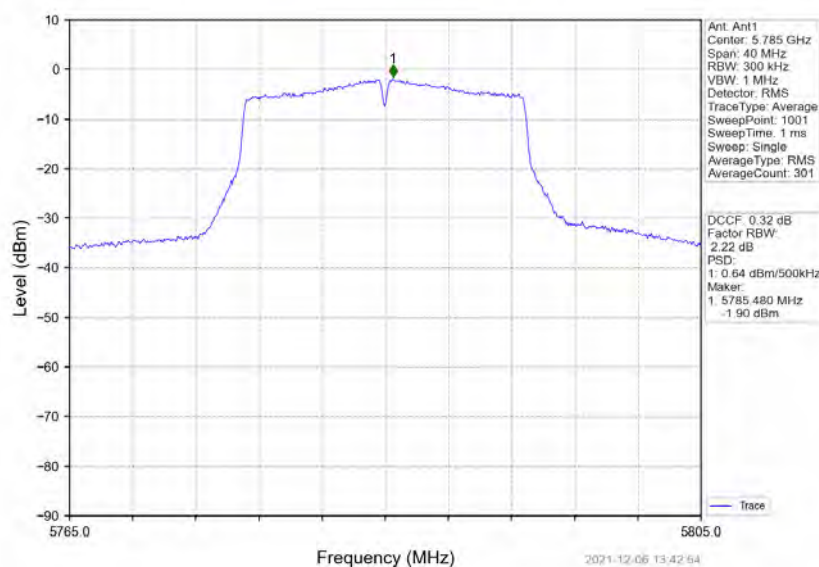
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802.11n(HT20)_LCH_5745MHz_MIMO_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



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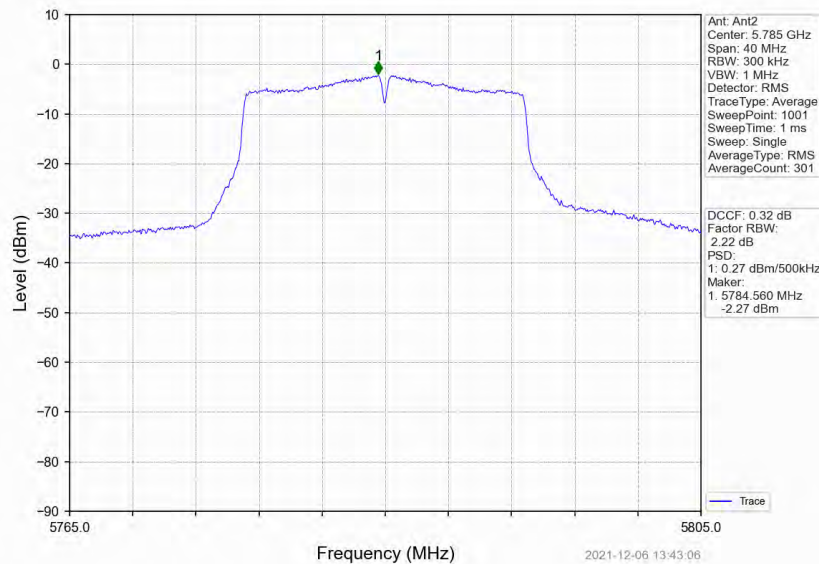
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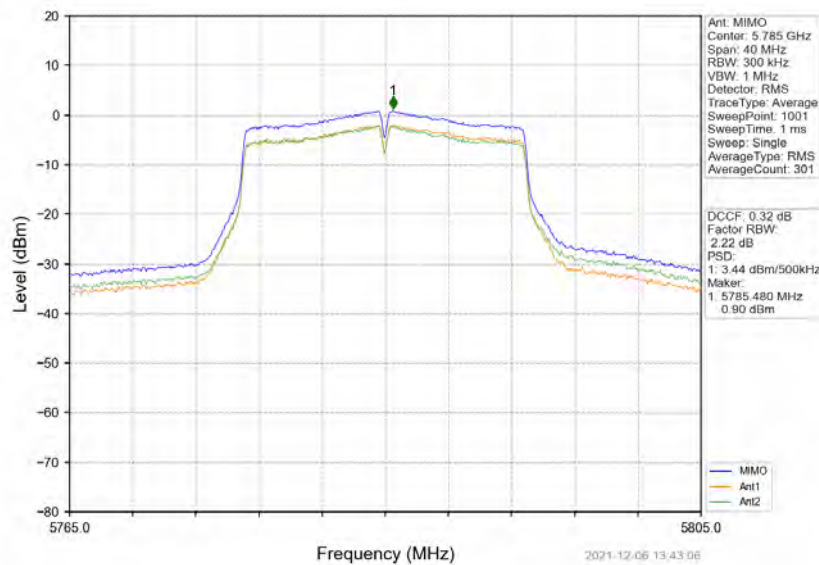
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802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



802.11n(HT20)_MCH_5785MHz_MIMO_NTNV



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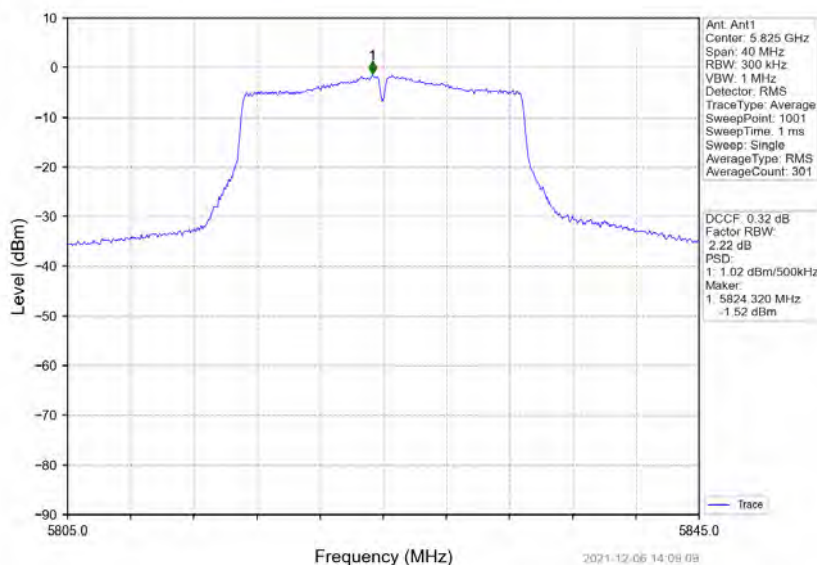
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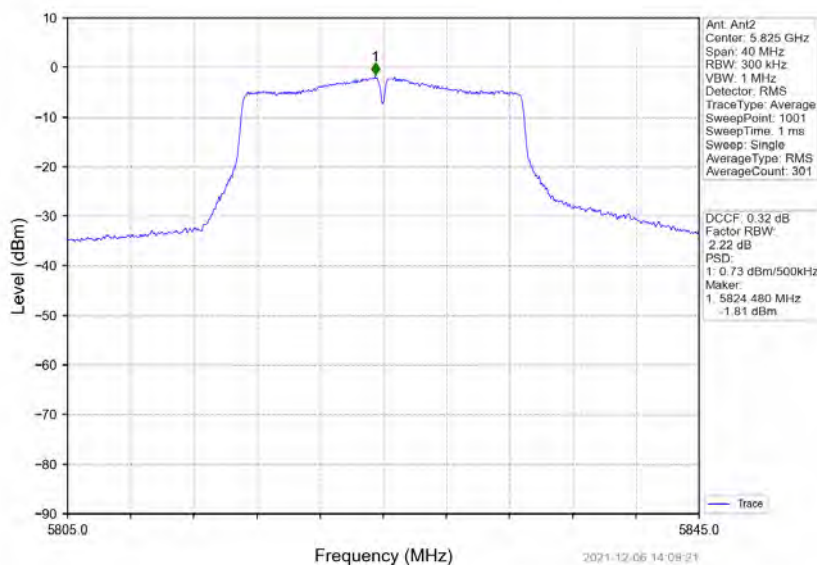
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802.11n(HT20) HCH 5825MHz Ant1 NTN



802.11n(HT20) HCH 5825MHz Ant2 NTN



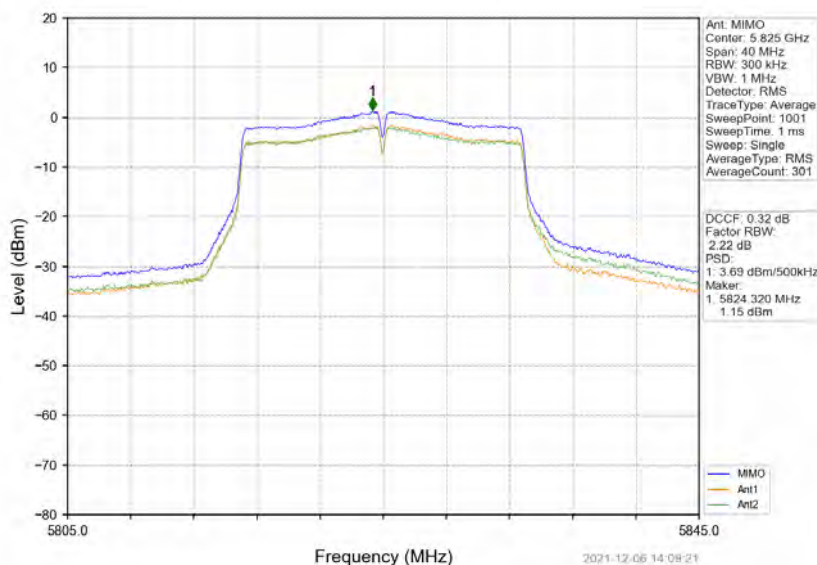
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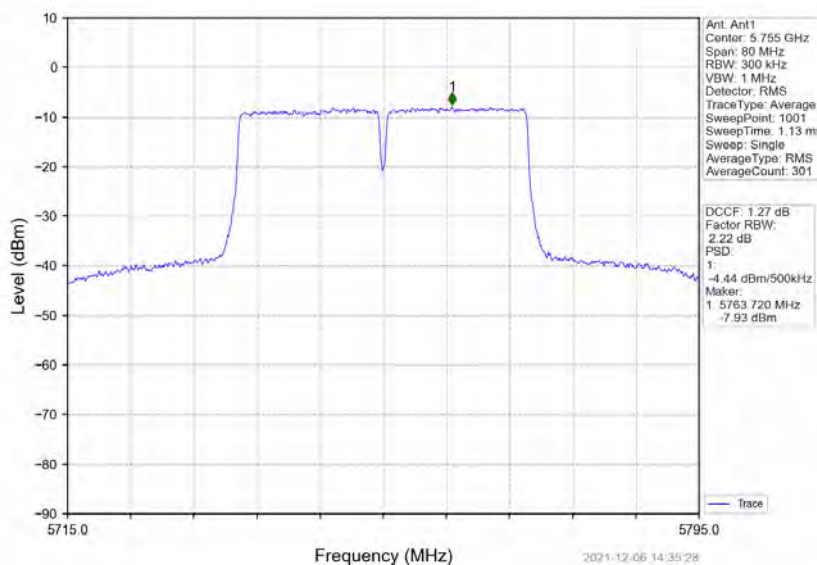
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802.11n(HT20)_HCH_5825MHz_MIMO_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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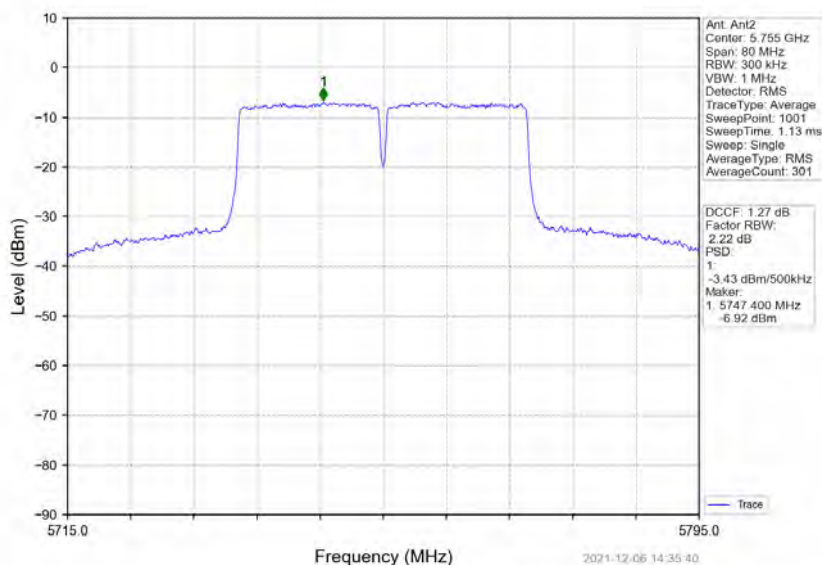
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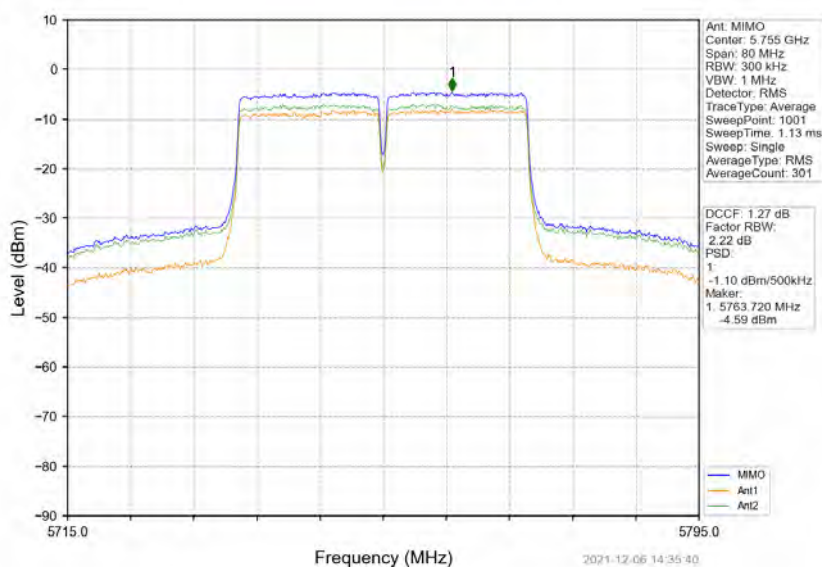
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802.11n(HT40) LCH_5755MHz_Ant2_NTNV



802.11n(HT40) LCH_5755MHz_MIMO_NTNV



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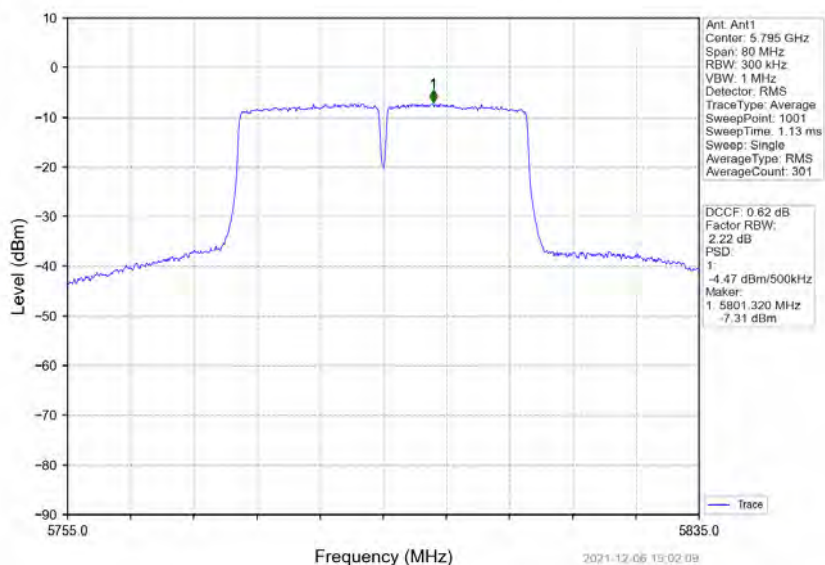
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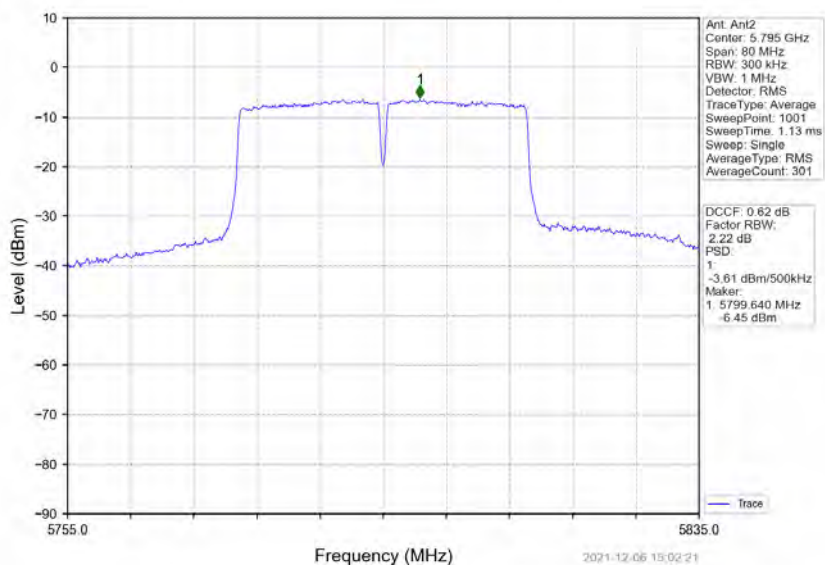
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802.11n(HT40) HCH 5795MHz Ant1 NTN



802.11n(HT40) HCH 5795MHz Ant2 NTN



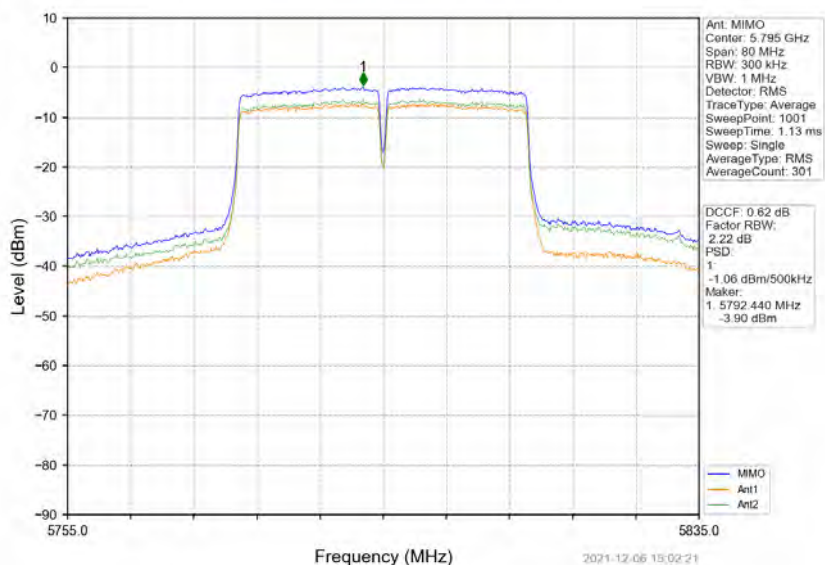
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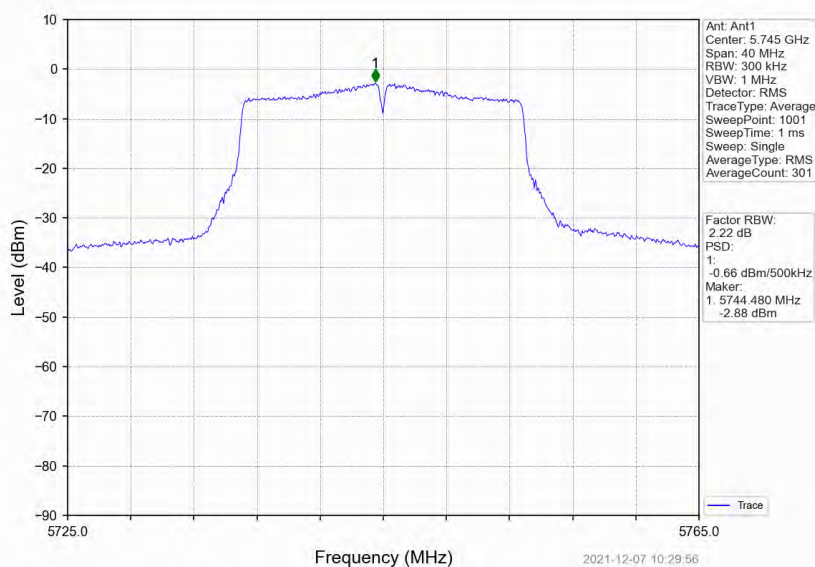
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802.11n(HT40)_HCH_5795MHz_MIMO_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



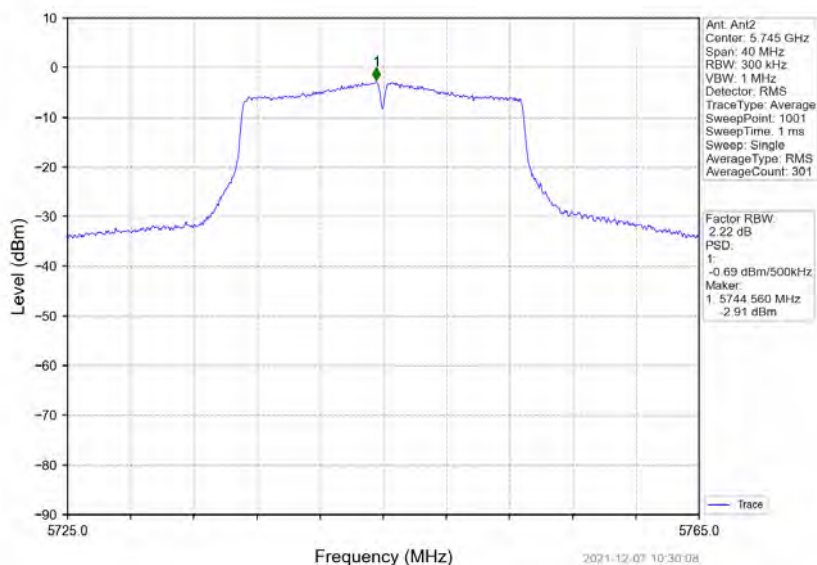
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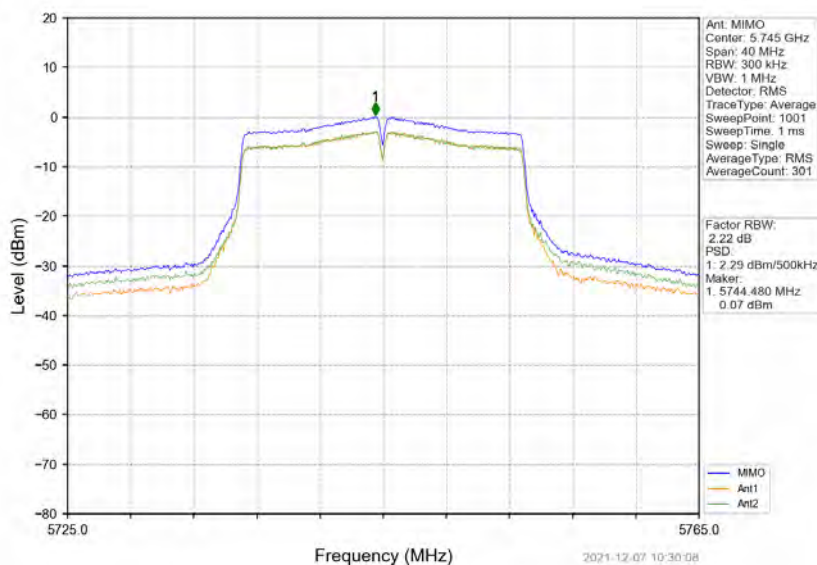
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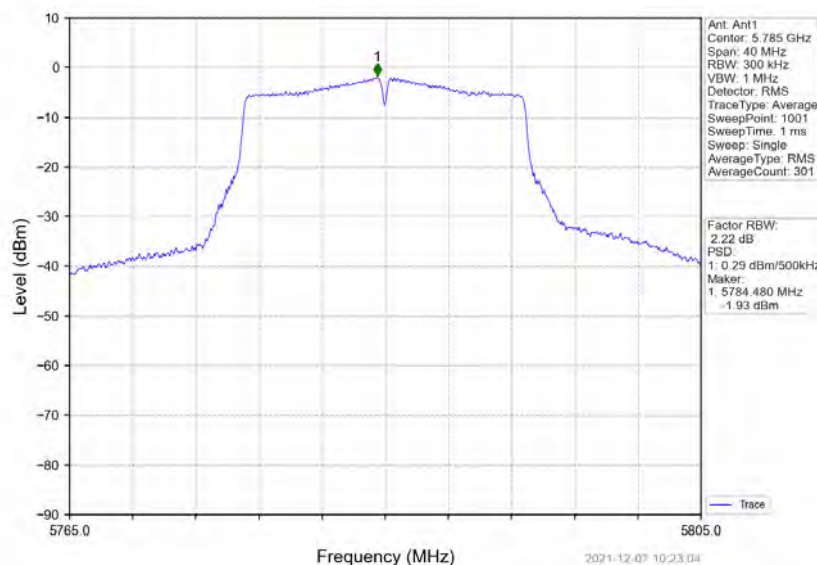
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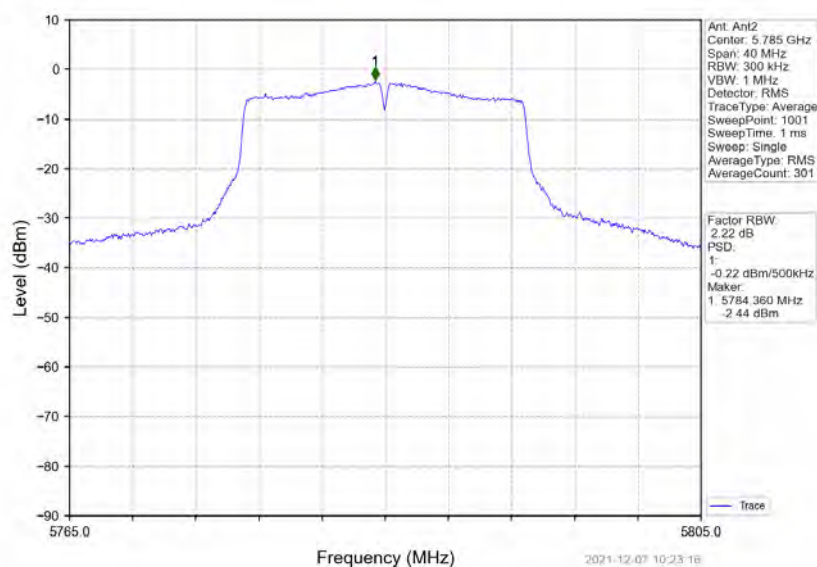
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802.11ac(VHT20) MCH 5785MHz_Ant1_NTNV



802.11ac(VHT20) MCH 5785MHz_Ant2_NTNV



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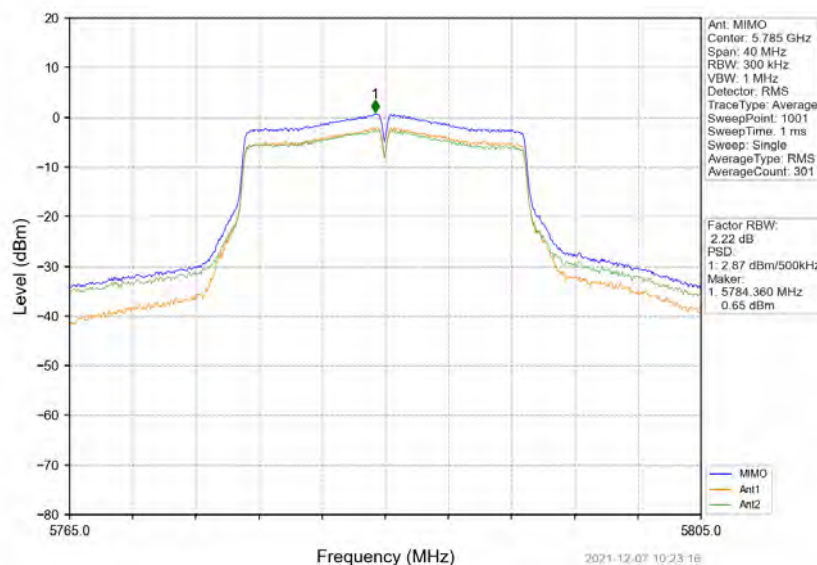
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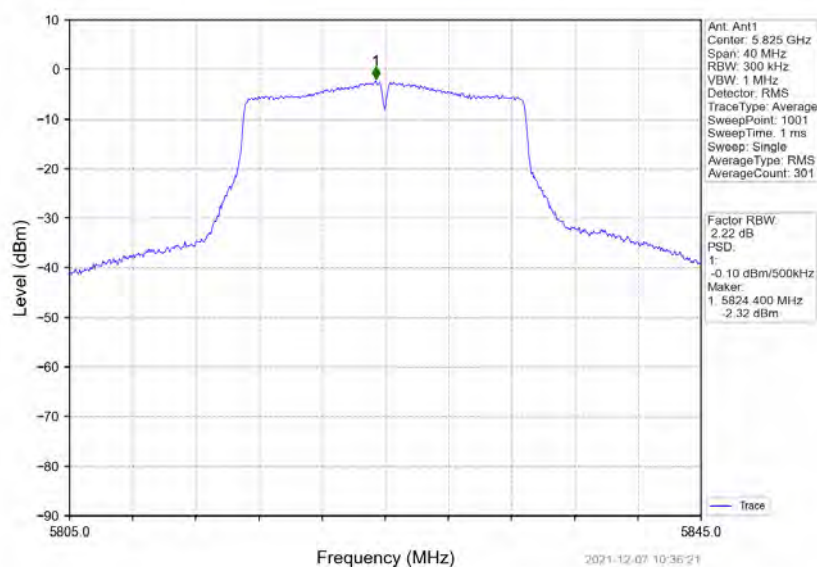
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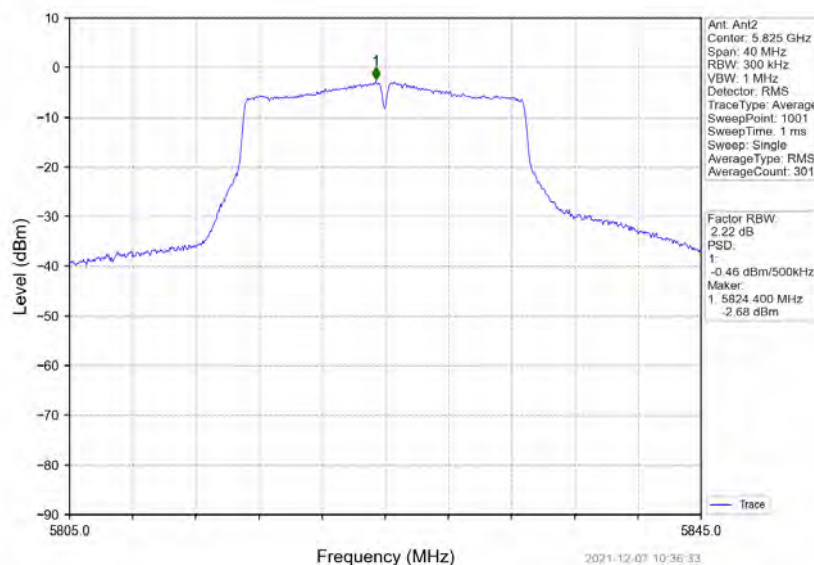
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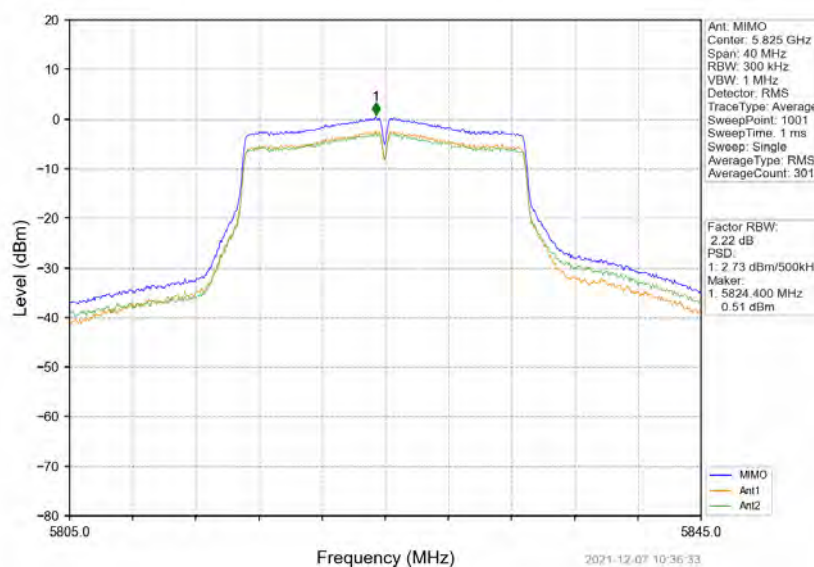
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802.11ac(VHT20) HCH_5825MHz_Ant2_NTNV



802.11ac(VHT20) HCH_5825MHz_MIMO_NTNV



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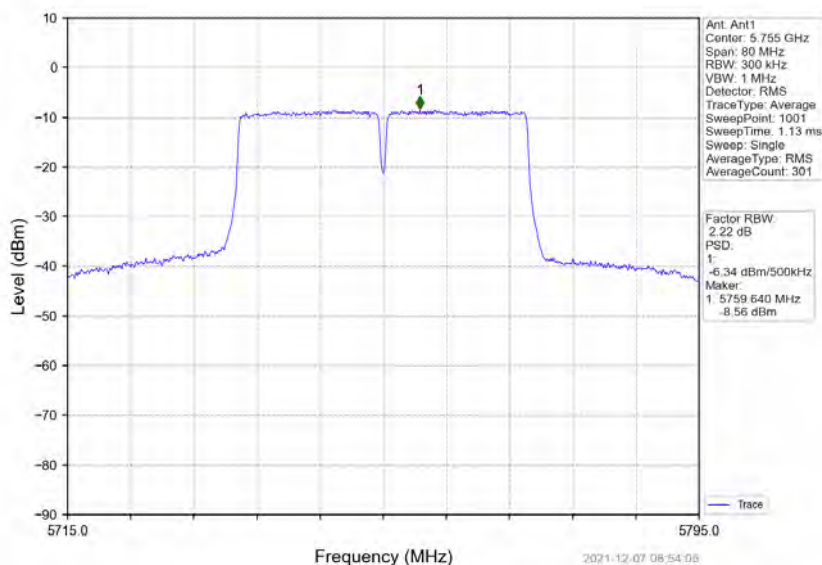
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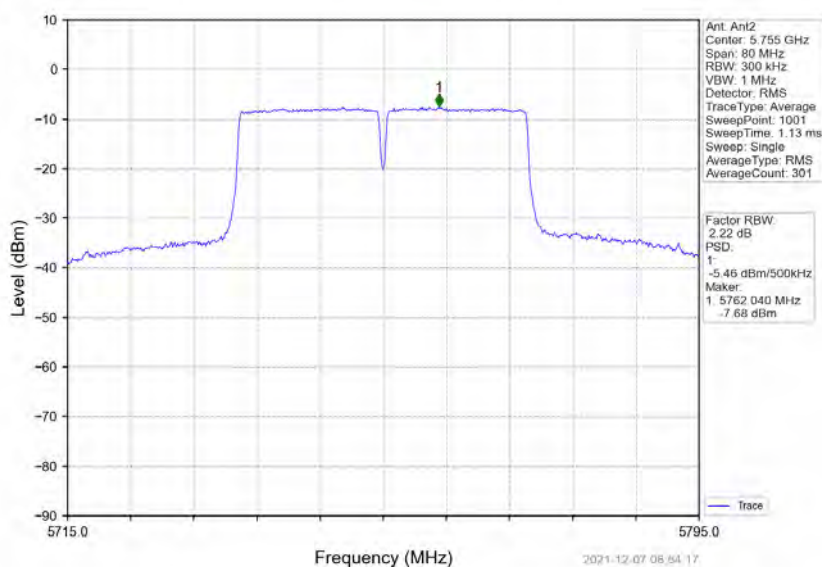
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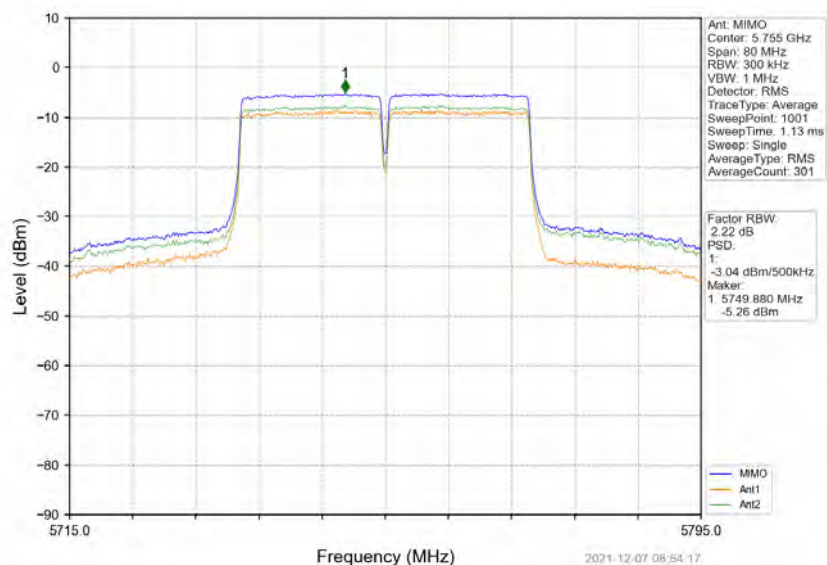
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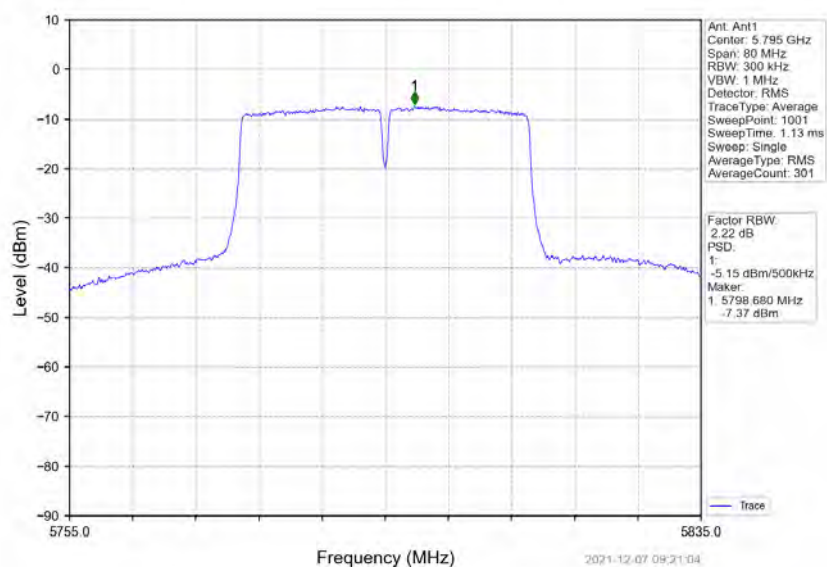
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802.11ac(VHT40) HCH 5795MHz Ant1 NTN



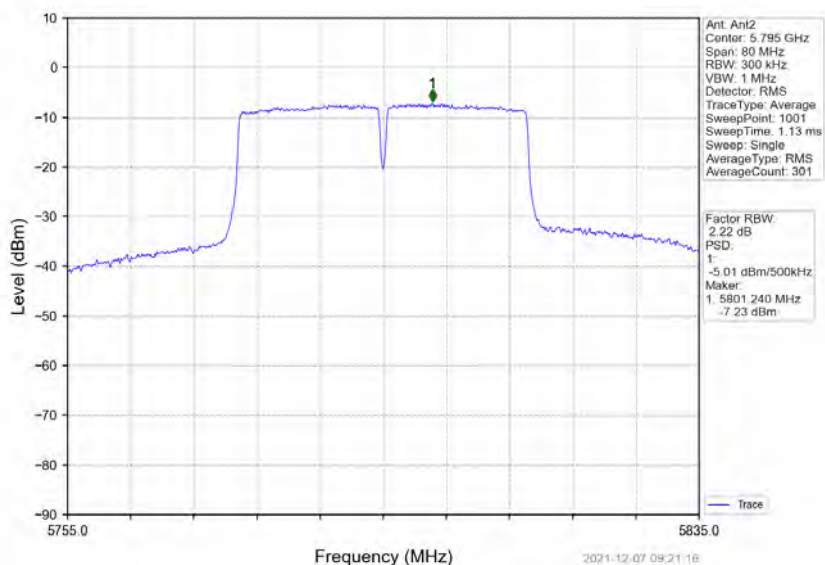
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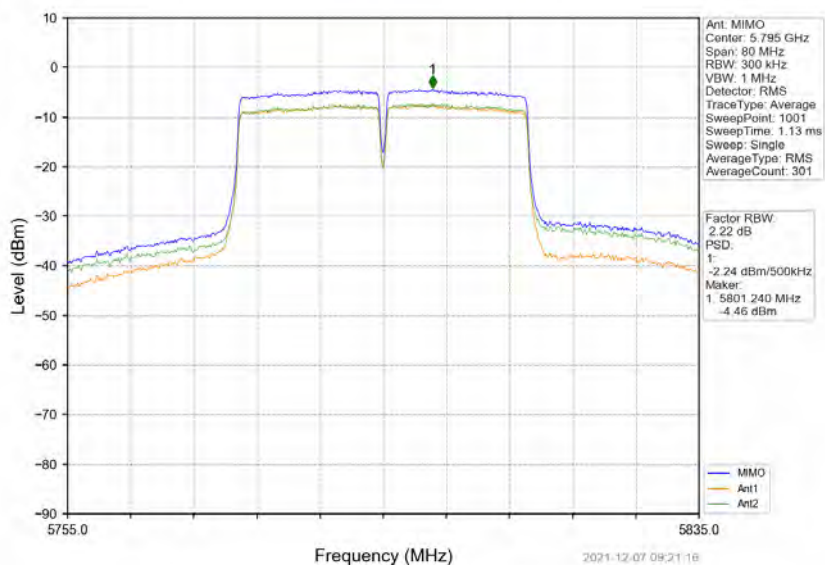
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802.11ac(VHT40) HCH_5795MHz_Ant2_NTNV



802.11ac(VHT40) HCH_5795MHz_MIMO_NTNV



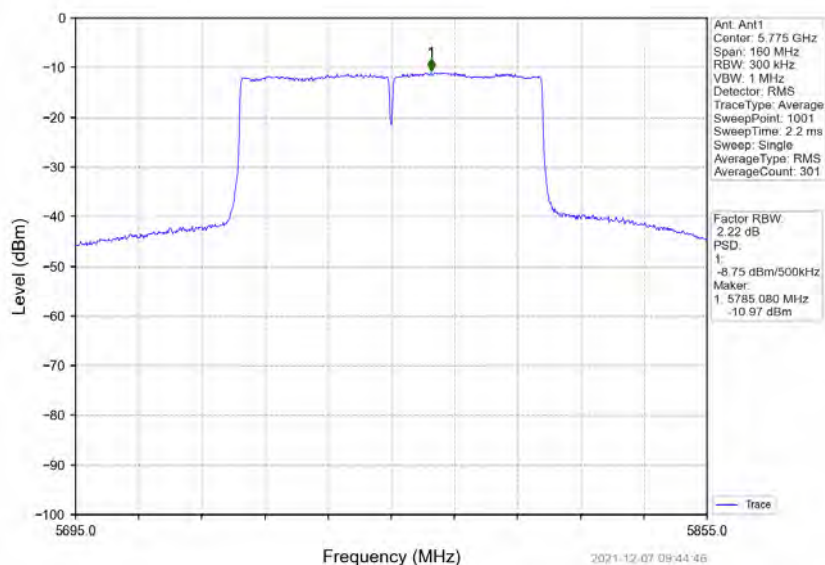
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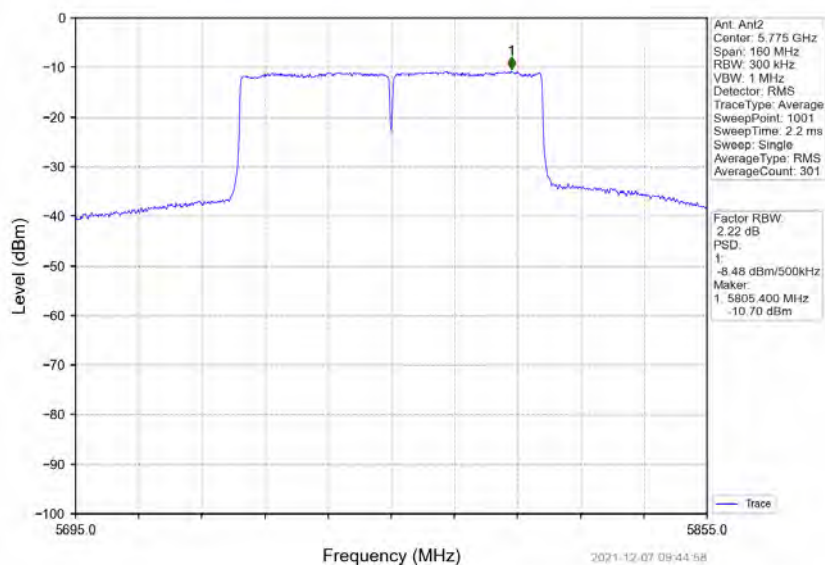
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802.11ac(VHT80) MCH 5775MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant2 NTN

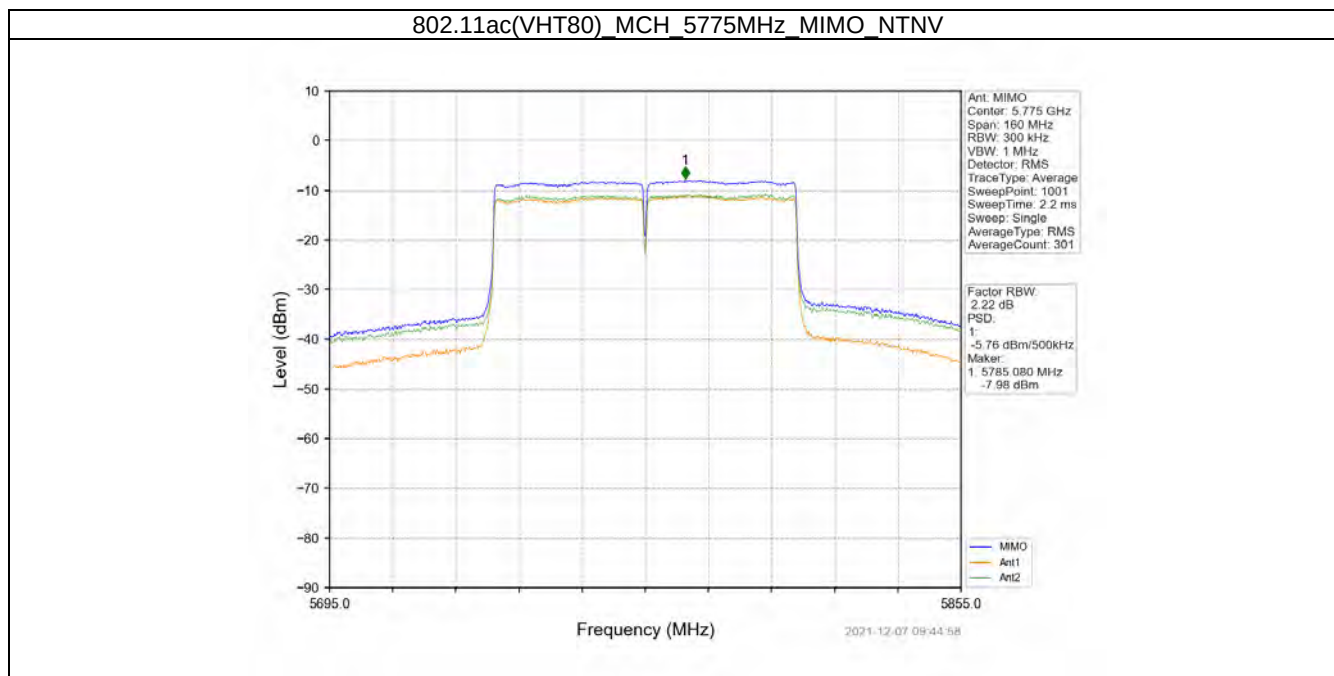


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5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5179.960	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5179.980	5150 to 5250	Pass
			-20	120	5179.880	5150 to 5250	Pass
			-10	120	5180.000	5150 to 5250	Pass
			0	120	5179.940	5150 to 5250	Pass
			10	120	5179.900	5150 to 5250	Pass
			30	120	5179.920	5150 to 5250	Pass
		5200	20	102	5179.960	5150 to 5250	Pass
				120	5179.920	5150 to 5250	Pass
				138	5179.920	5150 to 5250	Pass
			-30	120	5179.940	5150 to 5250	Pass
			-20	120	5179.960	5150 to 5250	Pass
			-10	120	5179.940	5150 to 5250	Pass
			0	120	5179.940	5150 to 5250	Pass
			10	120	5179.900	5150 to 5250	Pass



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			30	120	5199.980	5150 to 5250	Pass
			40	120	5199.960	5150 to 5250	Pass
			50	120	5200.000	5150 to 5250	Pass
5240		20		102	5239.900	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
				138	5239.940	5150 to 5250	Pass
		-30		120	5239.980	5150 to 5250	Pass
				120	5239.940	5150 to 5250	Pass
				120	5239.940	5150 to 5250	Pass
		0		120	5240.020	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
		30		120	5239.940	5150 to 5250	Pass
				120	5239.940	5150 to 5250	Pass
				120	5239.920	5150 to 5250	Pass
5260		20		102	5259.960	5250 to 5350	Pass
				120	5260.000	5250 to 5350	Pass
				138	5259.960	5250 to 5350	Pass
		-30		120	5259.960	5250 to 5350	Pass
				120	5259.900	5250 to 5350	Pass
				120	5259.940	5250 to 5350	Pass
		0		120	5259.880	5250 to 5350	Pass
				120	5259.960	5250 to 5350	Pass
				120	5259.960	5250 to 5350	Pass
		30		120	5259.980	5250 to 5350	Pass
				120	5259.980	5250 to 5350	Pass
				120	5259.980	5250 to 5350	Pass
5300		20		102	5299.940	5250 to 5350	Pass
				120	5299.920	5250 to 5350	Pass
				138	5299.980	5250 to 5350	Pass
		-30		120	5299.960	5250 to 5350	Pass
				120	5299.960	5250 to 5350	Pass
				120	5299.920	5250 to 5350	Pass
		0		120	5299.900	5250 to 5350	Pass
				120	5299.960	5250 to 5350	Pass
				120	5300.000	5250 to 5350	Pass
		30		120	5300.040	5250 to 5350	Pass
				120	5299.940	5250 to 5350	Pass
				120	5299.940	5250 to 5350	Pass
5320		20		102	5319.960	5250 to 5350	Pass
				120	5319.920	5250 to 5350	Pass
				138	5320.020	5250 to 5350	Pass
		-30		120	5319.880	5250 to 5350	Pass
				120	5319.960	5250 to 5350	Pass
				120	5319.940	5250 to 5350	Pass
		0		120	5319.980	5250 to 5350	Pass
				120	5319.980	5250 to 5350	Pass
				120	5319.920	5250 to 5350	Pass
		30		120	5319.960	5250 to 5350	Pass
				120	5319.960	5250 to 5350	Pass
				120	5319.960	5250 to 5350	Pass
5500		20		102	5499.940	5470 to 5725	Pass
				120	5499.980	5470 to 5725	Pass
				138	5499.920	5470 to 5725	Pass
		-30		120	5499.960	5470 to 5725	Pass
				120	5499.980	5470 to 5725	Pass
				120	5499.960	5470 to 5725	Pass
		0		120	5500.020	5470 to 5725	Pass
				120	5500.020	5470 to 5725	Pass
				120	5499.960	5470 to 5725	Pass
		10		120	5499.960	5470 to 5725	Pass
				120	5499.960	5470 to 5725	Pass
				120	5499.960	5470 to 5725	Pass



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			30	120	5499.940	5470 to 5725	Pass
			40	120	5499.920	5470 to 5725	Pass
			50	120	5499.860	5470 to 5725	Pass
		5580	20	102	5580.020	5470 to 5725	Pass
				120	5580.000	5470 to 5725	Pass
				138	5579.920	5470 to 5725	Pass
			-30	120	5580.000	5470 to 5725	Pass
			-20	120	5579.920	5470 to 5725	Pass
			-10	120	5579.960	5470 to 5725	Pass
			0	120	5580.000	5470 to 5725	Pass
			10	120	5579.940	5470 to 5725	Pass
			30	120	5579.940	5470 to 5725	Pass
			40	120	5579.860	5470 to 5725	Pass
			50	120	5579.920	5470 to 5725	Pass
		5700	20	102	5699.960	5470 to 5725	Pass
				120	5700.000	5470 to 5725	Pass
				138	5699.900	5470 to 5725	Pass
			-30	120	5699.920	5470 to 5725	Pass
			-20	120	5700.000	5470 to 5725	Pass
			-10	120	5699.940	5470 to 5725	Pass
			0	120	5699.940	5470 to 5725	Pass
			10	120	5700.000	5470 to 5725	Pass
			30	120	5699.960	5470 to 5725	Pass
			40	120	5699.960	5470 to 5725	Pass
			50	120	5699.940	5470 to 5725	Pass
		5745	20	102	5744.940	5725 to 5850	Pass
				120	5744.900	5725 to 5850	Pass
				138	5744.900	5725 to 5850	Pass
			-30	120	5744.920	5725 to 5850	Pass
			-20	120	5744.940	5725 to 5850	Pass
			-10	120	5744.980	5725 to 5850	Pass
			0	120	5744.980	5725 to 5850	Pass
			10	120	5744.900	5725 to 5850	Pass
			30	120	5744.960	5725 to 5850	Pass
			40	120	5744.960	5725 to 5850	Pass
			50	120	5744.960	5725 to 5850	Pass
		5785	20	102	5784.880	5725 to 5850	Pass
				120	5784.940	5725 to 5850	Pass
				138	5784.860	5725 to 5850	Pass
			-30	120	5784.900	5725 to 5850	Pass
			-20	120	5784.980	5725 to 5850	Pass
			-10	120	5784.940	5725 to 5850	Pass
			0	120	5784.960	5725 to 5850	Pass
			10	120	5784.860	5725 to 5850	Pass
			30	120	5784.920	5725 to 5850	Pass
			40	120	5784.960	5725 to 5850	Pass
			50	120	5784.980	5725 to 5850	Pass
		5825	20	102	5824.900	5725 to 5850	Pass
				120	5824.940	5725 to 5850	Pass
				138	5825.000	5725 to 5850	Pass
			-30	120	5824.960	5725 to 5850	Pass
			-20	120	5824.980	5725 to 5850	Pass
			-10	120	5824.900	5725 to 5850	Pass
			0	120	5824.920	5725 to 5850	Pass
			10	120	5824.920	5725 to 5850	Pass



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			30	120	5825.020	5725 to 5850	Pass
			40	120	5824.980	5725 to 5850	Pass
			50	120	5824.960	5725 to 5850	Pass
802.11n (HT20)	MIMO	5180	20	102	5179.940	5150 to 5250	Pass
				120	5179.920	5150 to 5250	Pass
				138	5179.940	5150 to 5250	Pass
			-30	120	5180.000	5150 to 5250	Pass
			-20	120	5179.960	5150 to 5250	Pass
			-10	120	5179.920	5150 to 5250	Pass
			0	120	5179.980	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5180.000	5150 to 5250	Pass
			40	120	5179.940	5150 to 5250	Pass
			50	120	5179.980	5150 to 5250	Pass
		5200	20	102	5199.980	5150 to 5250	Pass
				120	5199.960	5150 to 5250	Pass
				138	5199.980	5150 to 5250	Pass
			-30	120	5199.980	5150 to 5250	Pass
			-20	120	5199.940	5150 to 5250	Pass
			-10	120	5200.020	5150 to 5250	Pass
			0	120	5199.980	5150 to 5250	Pass
			10	120	5199.900	5150 to 5250	Pass
			30	120	5199.960	5150 to 5250	Pass
			40	120	5199.940	5150 to 5250	Pass
			50	120	5200.000	5150 to 5250	Pass
		5240	20	102	5239.960	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
				138	5239.920	5150 to 5250	Pass
			-30	120	5239.980	5150 to 5250	Pass
			-20	120	5240.040	5150 to 5250	Pass
			-10	120	5239.960	5150 to 5250	Pass
			0	120	5239.980	5150 to 5250	Pass
			10	120	5239.900	5150 to 5250	Pass
			30	120	5239.960	5150 to 5250	Pass
			40	120	5239.940	5150 to 5250	Pass
			50	120	5239.940	5150 to 5250	Pass
		5260	20	102	5259.920	5250 to 5350	Pass
				120	5259.960	5250 to 5350	Pass
				138	5259.920	5250 to 5350	Pass
			-30	120	5259.960	5250 to 5350	Pass
			-20	120	5259.940	5250 to 5350	Pass
			-10	120	5259.980	5250 to 5350	Pass
			0	120	5259.940	5250 to 5350	Pass
			10	120	5259.940	5250 to 5350	Pass
			30	120	5260.000	5250 to 5350	Pass
			40	120	5259.960	5250 to 5350	Pass
			50	120	5259.960	5250 to 5350	Pass
		5300	20	102	5299.960	5250 to 5350	Pass
				120	5299.920	5250 to 5350	Pass
				138	5299.940	5250 to 5350	Pass
			-30	120	5299.940	5250 to 5350	Pass
			-20	120	5299.880	5250 to 5350	Pass
			-10	120	5299.940	5250 to 5350	Pass
			0	120	5299.920	5250 to 5350	Pass
			10	120	5299.900	5250 to 5350	Pass



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			30	120	5299.940	5250 to 5350	Pass
			40	120	5299.980	5250 to 5350	Pass
			50	120	5300.000	5250 to 5350	Pass
5320		20		102	5319.980	5250 to 5350	Pass
				120	5320.000	5250 to 5350	Pass
				138	5319.960	5250 to 5350	Pass
		-30		120	5319.900	5250 to 5350	Pass
				120	5319.900	5250 to 5350	Pass
				120	5320.000	5250 to 5350	Pass
		0		120	5319.960	5250 to 5350	Pass
				120	5320.020	5250 to 5350	Pass
				120	5320.000	5250 to 5350	Pass
		30		120	5319.940	5250 to 5350	Pass
				120	5319.940	5250 to 5350	Pass
				120	5319.940	5250 to 5350	Pass
5500		20		102	5499.940	5470 to 5725	Pass
				120	5499.920	5470 to 5725	Pass
				138	5499.900	5470 to 5725	Pass
		-30		120	5499.940	5470 to 5725	Pass
				120	5499.940	5470 to 5725	Pass
				120	5499.980	5470 to 5725	Pass
		0		120	5499.960	5470 to 5725	Pass
				120	5499.960	5470 to 5725	Pass
				120	5499.960	5470 to 5725	Pass
		30		120	5500.020	5470 to 5725	Pass
				120	5499.960	5470 to 5725	Pass
				120	5499.960	5470 to 5725	Pass
5580		20		102	5579.940	5470 to 5725	Pass
				120	5579.920	5470 to 5725	Pass
				138	5579.960	5470 to 5725	Pass
		-30		120	5579.880	5470 to 5725	Pass
				120	5579.920	5470 to 5725	Pass
				120	5579.880	5470 to 5725	Pass
		0		120	5580.100	5470 to 5725	Pass
				120	5579.920	5470 to 5725	Pass
				120	5579.960	5470 to 5725	Pass
		30		120	5579.900	5470 to 5725	Pass
				120	5579.980	5470 to 5725	Pass
				120	5579.980	5470 to 5725	Pass
5700		20		102	5700.000	5470 to 5725	Pass
				120	5699.920	5470 to 5725	Pass
				138	5699.980	5470 to 5725	Pass
		-30		120	5699.960	5470 to 5725	Pass
				120	5699.980	5470 to 5725	Pass
				120	5699.940	5470 to 5725	Pass
		0		120	5700.040	5470 to 5725	Pass
				120	5699.920	5470 to 5725	Pass
				120	5699.940	5470 to 5725	Pass
		30		120	5699.960	5470 to 5725	Pass
				120	5699.920	5470 to 5725	Pass
				120	5699.920	5470 to 5725	Pass
5745		20		102	5745.000	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass
				138	5744.900	5725 to 5850	Pass
		-30		120	5744.960	5725 to 5850	Pass
				120	5744.940	5725 to 5850	Pass
				120	5744.920	5725 to 5850	Pass
		0		120	5744.980	5725 to 5850	Pass
				120	5744.940	5725 to 5850	Pass



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Testing Center Electronic Technical

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t(86-21) 61915686 f(86-21) 61915678 e sgs.china@sgs.com

		5785	30	120	5744.880	5725 to 5850	Pass
			40	120	5744.900	5725 to 5850	Pass
			50	120	5744.940	5725 to 5850	Pass
			20	102	5784.980	5725 to 5850	Pass
				120	5784.920	5725 to 5850	Pass
				138	5784.860	5725 to 5850	Pass
			-30	120	5784.940	5725 to 5850	Pass
			-20	120	5784.980	5725 to 5850	Pass
			-10	120	5784.920	5725 to 5850	Pass
			0	120	5785.020	5725 to 5850	Pass
			10	120	5784.880	5725 to 5850	Pass
			30	120	5784.920	5725 to 5850	Pass
			40	120	5784.960	5725 to 5850	Pass
			50	120	5785.020	5725 to 5850	Pass
		5825	20	102	5824.940	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				138	5824.960	5725 to 5850	Pass
			-30	120	5824.960	5725 to 5850	Pass
			-20	120	5824.880	5725 to 5850	Pass
			-10	120	5824.940	5725 to 5850	Pass
			0	120	5824.960	5725 to 5850	Pass
			10	120	5824.980	5725 to 5850	Pass
			30	120	5824.980	5725 to 5850	Pass
			40	120	5824.860	5725 to 5850	Pass
			50	120	5824.940	5725 to 5850	Pass
802.11n (HT40)	MIMO	5190	20	102	5189.920	5150 to 5250	Pass
				120	5190.040	5150 to 5250	Pass
				138	5189.960	5150 to 5250	Pass
			-30	120	5190.000	5150 to 5250	Pass
			-20	120	5190.000	5150 to 5250	Pass
			-10	120	5189.960	5150 to 5250	Pass
			0	120	5189.960	5150 to 5250	Pass
			10	120	5189.960	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5190.040	5150 to 5250	Pass
			50	120	5190.080	5150 to 5250	Pass
		5230	20	102	5230.040	5150 to 5250	Pass
				120	5229.960	5150 to 5250	Pass
				138	5229.840	5150 to 5250	Pass
			-30	120	5229.960	5150 to 5250	Pass
			-20	120	5230.040	5150 to 5250	Pass
			-10	120	5230.040	5150 to 5250	Pass
			0	120	5230.000	5150 to 5250	Pass
			10	120	5230.000	5150 to 5250	Pass
			30	120	5230.000	5150 to 5250	Pass
			40	120	5230.040	5150 to 5250	Pass
			50	120	5230.040	5150 to 5250	Pass
		5270	20	102	5270.000	5250 to 5350	Pass
				120	5270.000	5250 to 5350	Pass
				138	5269.960	5250 to 5350	Pass
			-30	120	5269.960	5250 to 5350	Pass
			-20	120	5270.000	5250 to 5350	Pass
			-10	120	5270.000	5250 to 5350	Pass
			0	120	5270.040	5250 to 5350	Pass
			10	120	5269.960	5250 to 5350	Pass



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			30	120	5269.960	5250 to 5350	Pass
			40	120	5270.040	5250 to 5350	Pass
			50	120	5269.960	5250 to 5350	Pass
		5310	20	102	5310.000	5250 to 5350	Pass
				120	5309.960	5250 to 5350	Pass
				138	5309.960	5250 to 5350	Pass
			-30	120	5309.960	5250 to 5350	Pass
			-20	120	5309.960	5250 to 5350	Pass
			-10	120	5310.040	5250 to 5350	Pass
			0	120	5310.000	5250 to 5350	Pass
			10	120	5309.960	5250 to 5350	Pass
			30	120	5310.000	5250 to 5350	Pass
			40	120	5309.920	5250 to 5350	Pass
			50	120	5309.960	5250 to 5350	Pass
		5510	20	102	5510.000	5470 to 5725	Pass
				120	5510.000	5470 to 5725	Pass
				138	5510.000	5470 to 5725	Pass
			-30	120	5509.960	5470 to 5725	Pass
			-20	120	5510.040	5470 to 5725	Pass
			-10	120	5509.920	5470 to 5725	Pass
			0	120	5509.960	5470 to 5725	Pass
			10	120	5509.840	5470 to 5725	Pass
			30	120	5509.960	5470 to 5725	Pass
			40	120	5509.920	5470 to 5725	Pass
			50	120	5510.040	5470 to 5725	Pass
		5550	20	102	5549.960	5470 to 5725	Pass
				120	5549.960	5470 to 5725	Pass
				138	5549.880	5470 to 5725	Pass
			-30	120	5550.000	5470 to 5725	Pass
			-20	120	5550.000	5470 to 5725	Pass
			-10	120	5550.000	5470 to 5725	Pass
			0	120	5550.040	5470 to 5725	Pass
			10	120	5549.960	5470 to 5725	Pass
			30	120	5549.920	5470 to 5725	Pass
			40	120	5550.000	5470 to 5725	Pass
			50	120	5550.000	5470 to 5725	Pass
		5670	20	102	5670.000	5470 to 5725	Pass
				120	5670.000	5470 to 5725	Pass
				138	5670.000	5470 to 5725	Pass
			-30	120	5669.960	5470 to 5725	Pass
			-20	120	5669.960	5470 to 5725	Pass
			-10	120	5669.960	5470 to 5725	Pass
			0	120	5670.000	5470 to 5725	Pass
			10	120	5669.960	5470 to 5725	Pass
			30	120	5669.920	5470 to 5725	Pass
			40	120	5670.000	5470 to 5725	Pass
			50	120	5670.040	5470 to 5725	Pass
		5755	20	102	5754.960	5725 to 5850	Pass
				120	5754.960	5725 to 5850	Pass
				138	5755.040	5725 to 5850	Pass
			-30	120	5755.000	5725 to 5850	Pass
			-20	120	5755.000	5725 to 5850	Pass
			-10	120	5754.920	5725 to 5850	Pass
			0	120	5754.960	5725 to 5850	Pass
			10	120	5755.000	5725 to 5850	Pass



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		5795	30	120	5754.960	5725 to 5850	Pass
			40	120	5754.960	5725 to 5850	Pass
			50	120	5755.000	5725 to 5850	Pass
			20	102	5794.960	5725 to 5850	Pass
				120	5794.960	5725 to 5850	Pass
				138	5795.000	5725 to 5850	Pass
			-30	120	5794.960	5725 to 5850	Pass
			-20	120	5795.000	5725 to 5850	Pass
			-10	120	5794.920	5725 to 5850	Pass
			0	120	5795.000	5725 to 5850	Pass
			10	120	5794.920	5725 to 5850	Pass
			30	120	5794.920	5725 to 5850	Pass
			40	120	5794.920	5725 to 5850	Pass
			50	120	5795.040	5725 to 5850	Pass
802.11ac (VHT20)	MIMO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5179.960	5150 to 5250	Pass
				138	5179.920	5150 to 5250	Pass
			-30	120	5179.900	5150 to 5250	Pass
			-20	120	5179.960	5150 to 5250	Pass
			-10	120	5179.960	5150 to 5250	Pass
			0	120	5179.960	5150 to 5250	Pass
			10	120	5179.940	5150 to 5250	Pass
			30	120	5179.960	5150 to 5250	Pass
			40	120	5179.940	5150 to 5250	Pass
			50	120	5179.980	5150 to 5250	Pass
		5200	20	102	5199.900	5150 to 5250	Pass
				120	5200.080	5150 to 5250	Pass
				138	5199.880	5150 to 5250	Pass
			-30	120	5199.940	5150 to 5250	Pass
			-20	120	5199.900	5150 to 5250	Pass
			-10	120	5199.980	5150 to 5250	Pass
			0	120	5200.000	5150 to 5250	Pass
			10	120	5199.960	5150 to 5250	Pass
			30	120	5199.960	5150 to 5250	Pass
			40	120	5199.980	5150 to 5250	Pass
			50	120	5200.020	5150 to 5250	Pass
		5240	20	102	5239.860	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
				138	5239.920	5150 to 5250	Pass
			-30	120	5239.900	5150 to 5250	Pass
			-20	120	5239.960	5150 to 5250	Pass
			-10	120	5239.960	5150 to 5250	Pass
			0	120	5240.000	5150 to 5250	Pass
			10	120	5239.920	5150 to 5250	Pass
			30	120	5239.940	5150 to 5250	Pass
			40	120	5240.000	5150 to 5250	Pass
			50	120	5239.920	5150 to 5250	Pass
		5260	20	102	5259.940	5250 to 5350	Pass
				120	5260.040	5250 to 5350	Pass
				138	5259.960	5250 to 5350	Pass
			-30	120	5259.980	5250 to 5350	Pass
			-20	120	5259.960	5250 to 5350	Pass
			-10	120	5259.900	5250 to 5350	Pass
			0	120	5259.920	5250 to 5350	Pass
			10	120	5260.040	5250 to 5350	Pass



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			30	120	5260.000	5250 to 5350	Pass
			40	120	5260.000	5250 to 5350	Pass
			50	120	5259.960	5250 to 5350	Pass
		5300	20	102	5299.880	5250 to 5350	Pass
				120	5300.000	5250 to 5350	Pass
				138	5299.940	5250 to 5350	Pass
			-30	120	5299.940	5250 to 5350	Pass
			-20	120	5299.960	5250 to 5350	Pass
			-10	120	5299.940	5250 to 5350	Pass
			0	120	5299.940	5250 to 5350	Pass
			10	120	5299.940	5250 to 5350	Pass
			30	120	5299.880	5250 to 5350	Pass
			40	120	5300.000	5250 to 5350	Pass
			50	120	5299.960	5250 to 5350	Pass
			5320	20	102	5319.880	5250 to 5350
		120			5319.940	5250 to 5350	Pass
		138			5319.980	5250 to 5350	Pass
		-30		120	5320.000	5250 to 5350	Pass
		-20		120	5320.040	5250 to 5350	Pass
		-10		120	5320.000	5250 to 5350	Pass
		0		120	5319.900	5250 to 5350	Pass
		10		120	5319.900	5250 to 5350	Pass
		30		120	5320.000	5250 to 5350	Pass
		40		120	5319.960	5250 to 5350	Pass
		50		120	5319.940	5250 to 5350	Pass
		5500		20	102	5499.980	5470 to 5725
			120		5499.920	5470 to 5725	Pass
			138		5499.900	5470 to 5725	Pass
			-30	120	5499.920	5470 to 5725	Pass
			-20	120	5499.980	5470 to 5725	Pass
			-10	120	5499.920	5470 to 5725	Pass
			0	120	5499.920	5470 to 5725	Pass
			10	120	5499.940	5470 to 5725	Pass
			30	120	5499.940	5470 to 5725	Pass
			40	120	5499.880	5470 to 5725	Pass
			50	120	5499.960	5470 to 5725	Pass
			5580	20	102	5579.920	5470 to 5725
		120			5579.980	5470 to 5725	Pass
		138			5579.960	5470 to 5725	Pass
		-30		120	5579.920	5470 to 5725	Pass
		-20		120	5579.940	5470 to 5725	Pass
		-10		120	5579.960	5470 to 5725	Pass
		0		120	5579.960	5470 to 5725	Pass
		10		120	5579.960	5470 to 5725	Pass
		30		120	5579.920	5470 to 5725	Pass
		40		120	5579.900	5470 to 5725	Pass
		50		120	5579.980	5470 to 5725	Pass
		5700		20	102	5699.900	5470 to 5725
			120		5699.920	5470 to 5725	Pass
			138		5699.960	5470 to 5725	Pass
			-30	120	5699.960	5470 to 5725	Pass
			-20	120	5699.980	5470 to 5725	Pass
			-10	120	5699.960	5470 to 5725	Pass
			0	120	5699.920	5470 to 5725	Pass
			10	120	5699.940	5470 to 5725	Pass

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			30	120	5700.000	5470 to 5725	Pass
			40	120	5699.920	5470 to 5725	Pass
			50	120	5699.940	5470 to 5725	Pass
		5745	20	102	5744.900	5725 to 5850	Pass
				120	5744.940	5725 to 5850	Pass
				138	5744.920	5725 to 5850	Pass
			-30	120	5744.960	5725 to 5850	Pass
			-20	120	5745.020	5725 to 5850	Pass
			-10	120	5744.960	5725 to 5850	Pass
			0	120	5744.960	5725 to 5850	Pass
			10	120	5744.940	5725 to 5850	Pass
			30	120	5744.920	5725 to 5850	Pass
			40	120	5744.980	5725 to 5850	Pass
			50	120	5744.900	5725 to 5850	Pass
		5785	20	102	5784.940	5725 to 5850	Pass
				120	5784.940	5725 to 5850	Pass
				138	5784.940	5725 to 5850	Pass
			-30	120	5784.940	5725 to 5850	Pass
			-20	120	5784.980	5725 to 5850	Pass
			-10	120	5784.920	5725 to 5850	Pass
			0	120	5784.860	5725 to 5850	Pass
			10	120	5785.000	5725 to 5850	Pass
			30	120	5785.000	5725 to 5850	Pass
			40	120	5784.900	5725 to 5850	Pass
			50	120	5784.940	5725 to 5850	Pass
		5825	20	102	5825.000	5725 to 5850	Pass
				120	5824.900	5725 to 5850	Pass
				138	5824.920	5725 to 5850	Pass
			-30	120	5824.920	5725 to 5850	Pass
			-20	120	5824.960	5725 to 5850	Pass
			-10	120	5824.940	5725 to 5850	Pass
			0	120	5824.940	5725 to 5850	Pass
			10	120	5824.920	5725 to 5850	Pass
			30	120	5824.880	5725 to 5850	Pass
			40	120	5824.960	5725 to 5850	Pass
			50	120	5824.920	5725 to 5850	Pass
802.11ac (VHT40)	MIMO	5190	20	102	5189.960	5150 to 5250	Pass
				120	5190.040	5150 to 5250	Pass
				138	5189.920	5150 to 5250	Pass
			-30	120	5189.960	5150 to 5250	Pass
			-20	120	5189.920	5150 to 5250	Pass
			-10	120	5190.000	5150 to 5250	Pass
			0	120	5189.920	5150 to 5250	Pass
			10	120	5189.960	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5189.920	5150 to 5250	Pass
			50	120	5189.960	5150 to 5250	Pass
		5230	20	102	5229.960	5150 to 5250	Pass
				120	5230.000	5150 to 5250	Pass
				138	5230.040	5150 to 5250	Pass
			-30	120	5230.000	5150 to 5250	Pass
			-20	120	5229.960	5150 to 5250	Pass
			-10	120	5229.960	5150 to 5250	Pass
			0	120	5230.000	5150 to 5250	Pass
			10	120	5229.960	5150 to 5250	Pass



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			30	120	5229.920	5150 to 5250	Pass
			40	120	5229.960	5150 to 5250	Pass
			50	120	5229.960	5150 to 5250	Pass
		5270	20	102	5270.000	5250 to 5350	Pass
				120	5270.000	5250 to 5350	Pass
				138	5270.000	5250 to 5350	Pass
			-30	120	5269.960	5250 to 5350	Pass
			-20	120	5269.960	5250 to 5350	Pass
			-10	120	5269.920	5250 to 5350	Pass
			0	120	5270.040	5250 to 5350	Pass
			10	120	5269.960	5250 to 5350	Pass
			30	120	5270.000	5250 to 5350	Pass
			40	120	5269.920	5250 to 5350	Pass
			50	120	5270.000	5250 to 5350	Pass
			5310	20	102	5309.960	5250 to 5350
		120			5309.920	5250 to 5350	Pass
		138			5309.960	5250 to 5350	Pass
		-30		120	5310.000	5250 to 5350	Pass
		-20		120	5309.920	5250 to 5350	Pass
		-10		120	5309.960	5250 to 5350	Pass
		0		120	5309.960	5250 to 5350	Pass
		10		120	5309.920	5250 to 5350	Pass
		30		120	5309.920	5250 to 5350	Pass
		40		120	5310.000	5250 to 5350	Pass
		50		120	5309.960	5250 to 5350	Pass
		5510		20	102	5509.920	5470 to 5725
			120		5510.000	5470 to 5725	Pass
			138		5509.960	5470 to 5725	Pass
			-30	120	5509.960	5470 to 5725	Pass
			-20	120	5509.960	5470 to 5725	Pass
			-10	120	5509.960	5470 to 5725	Pass
			0	120	5509.960	5470 to 5725	Pass
			10	120	5509.960	5470 to 5725	Pass
			30	120	5509.960	5470 to 5725	Pass
			40	120	5510.000	5470 to 5725	Pass
			50	120	5509.960	5470 to 5725	Pass
			5550	20	102	5550.000	5470 to 5725
		120			5549.960	5470 to 5725	Pass
		138			5550.000	5470 to 5725	Pass
		-30		120	5550.000	5470 to 5725	Pass
		-20		120	5549.920	5470 to 5725	Pass
		-10		120	5549.960	5470 to 5725	Pass
		0		120	5549.920	5470 to 5725	Pass
		10		120	5550.040	5470 to 5725	Pass
		30		120	5550.000	5470 to 5725	Pass
		40		120	5549.920	5470 to 5725	Pass
		50		120	5550.000	5470 to 5725	Pass
		5670		20	102	5669.960	5470 to 5725
			120		5670.000	5470 to 5725	Pass
			138		5669.880	5470 to 5725	Pass
			-30	120	5669.960	5470 to 5725	Pass
			-20	120	5670.000	5470 to 5725	Pass
			-10	120	5670.000	5470 to 5725	Pass
			0	120	5670.000	5470 to 5725	Pass
			10	120	5669.960	5470 to 5725	Pass



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		5755	30	120	5669.960	5470 to 5725	Pass
			40	120	5670.000	5470 to 5725	Pass
			50	120	5669.960	5470 to 5725	Pass
			20	102	5755.000	5725 to 5850	Pass
				120	5755.000	5725 to 5850	Pass
				138	5754.960	5725 to 5850	Pass
			-30	120	5754.960	5725 to 5850	Pass
			-20	120	5755.080	5725 to 5850	Pass
			-10	120	5755.000	5725 to 5850	Pass
			0	120	5754.960	5725 to 5850	Pass
			10	120	5755.000	5725 to 5850	Pass
			30	120	5755.040	5725 to 5850	Pass
			40	120	5755.000	5725 to 5850	Pass
			50	120	5755.000	5725 to 5850	Pass
		5795	20	102	5794.960	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				138	5794.960	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
			-20	120	5795.040	5725 to 5850	Pass
			-10	120	5795.000	5725 to 5850	Pass
			0	120	5795.000	5725 to 5850	Pass
			10	120	5794.960	5725 to 5850	Pass
			30	120	5794.960	5725 to 5850	Pass
			40	120	5794.960	5725 to 5850	Pass
			50	120	5794.960	5725 to 5850	Pass
802.11ac (VHT80)	MIMO	5210	20	102	5209.925	5150 to 5250	Pass
				120	5210.075	5150 to 5250	Pass
				138	5210.000	5150 to 5250	Pass
			-30	120	5210.000	5150 to 5250	Pass
			-20	120	5210.000	5150 to 5250	Pass
			-10	120	5210.000	5150 to 5250	Pass
			0	120	5210.075	5150 to 5250	Pass
			10	120	5210.000	5150 to 5250	Pass
			30	120	5209.925	5150 to 5250	Pass
			40	120	5210.000	5150 to 5250	Pass
			50	120	5209.925	5150 to 5250	Pass
		5290	20	102	5290.000	5250 to 5350	Pass
				120	5290.000	5250 to 5350	Pass
				138	5290.075	5250 to 5350	Pass
			-30	120	5290.075	5250 to 5350	Pass
			-20	120	5290.075	5250 to 5350	Pass
			-10	120	5289.925	5250 to 5350	Pass
			0	120	5290.000	5250 to 5350	Pass
			10	120	5290.150	5250 to 5350	Pass
			30	120	5290.000	5250 to 5350	Pass
			40	120	5290.000	5250 to 5350	Pass
			50	120	5290.000	5250 to 5350	Pass
		5530	20	102	5530.000	5470 to 5725	Pass
				120	5530.000	5470 to 5725	Pass
				138	5530.000	5470 to 5725	Pass
			-30	120	5529.925	5470 to 5725	Pass
			-20	120	5530.000	5470 to 5725	Pass
			-10	120	5530.000	5470 to 5725	Pass
			0	120	5529.925	5470 to 5725	Pass
			10	120	5530.075	5470 to 5725	Pass



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			30	120	5529.925	5470 to 5725	Pass
			40	120	5529.925	5470 to 5725	Pass
			50	120	5530.000	5470 to 5725	Pass
		5610	20	102	5610.000	5470 to 5725	Pass
				120	5610.000	5470 to 5725	Pass
				138	5610.075	5470 to 5725	Pass
			-30	120	5610.000	5470 to 5725	Pass
			-20	120	5610.075	5470 to 5725	Pass
			-10	120	5610.000	5470 to 5725	Pass
			0	120	5610.075	5470 to 5725	Pass
			10	120	5610.000	5470 to 5725	Pass
			30	120	5610.000	5470 to 5725	Pass
			40	120	5610.000	5470 to 5725	Pass
			50	120	5610.075	5470 to 5725	Pass
		5775	20	102	5775.000	5725 to 5850	Pass
				120	5775.000	5725 to 5850	Pass
				138	5775.075	5725 to 5850	Pass
			-30	120	5775.000	5725 to 5850	Pass
			-20	120	5774.925	5725 to 5850	Pass
			-10	120	5775.075	5725 to 5850	Pass
			0	120	5775.075	5725 to 5850	Pass
			10	120	5775.075	5725 to 5850	Pass
			30	120	5775.075	5725 to 5850	Pass
			40	120	5775.000	5725 to 5850	Pass
			50	120	5775.000	5725 to 5850	Pass



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