

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
		5825	18.78	20.67	/	/	Pass
802.11n (HT20)	MIMO	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
		5785	18.69	20.37	25.60	/	Pass
802.11n (HT40)	MIMO	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
		5795	17.98	20.55	25.35	/	Pass
802.11ac (VHT20)	MIMO	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
		5785	18.17	19.88	25.10	/	Pass
802.11ac (VHT40)	MIMO	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
		5795	16.75	19.00	23.95	/	Pass
802.11ac (VHT80)	MIMO	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

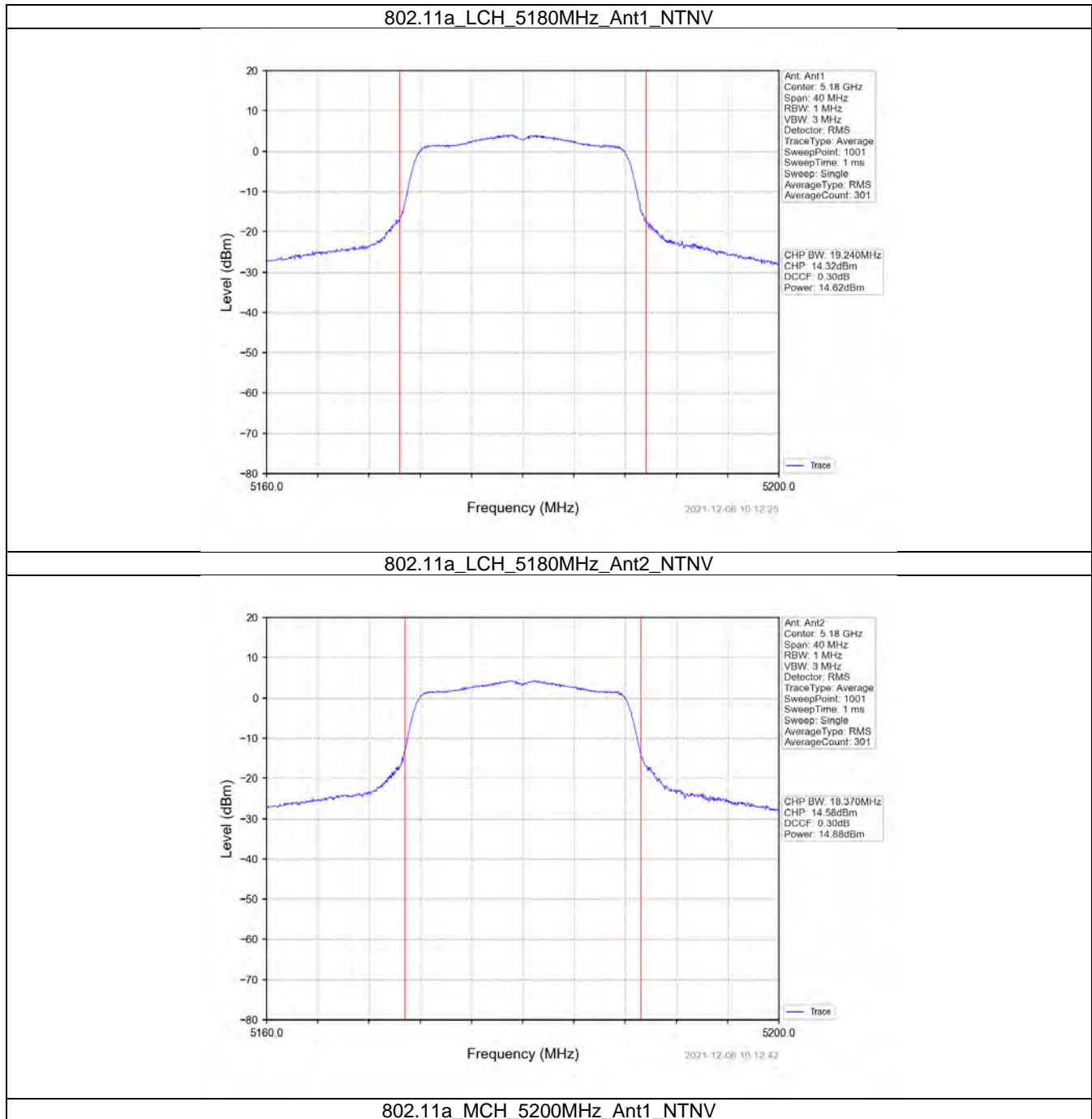
Note1: Antenna Gain: Ant1: 4.91dBi; Ant2: 6.81dBi;
 Note2: Directional Gain: 8.92dBi



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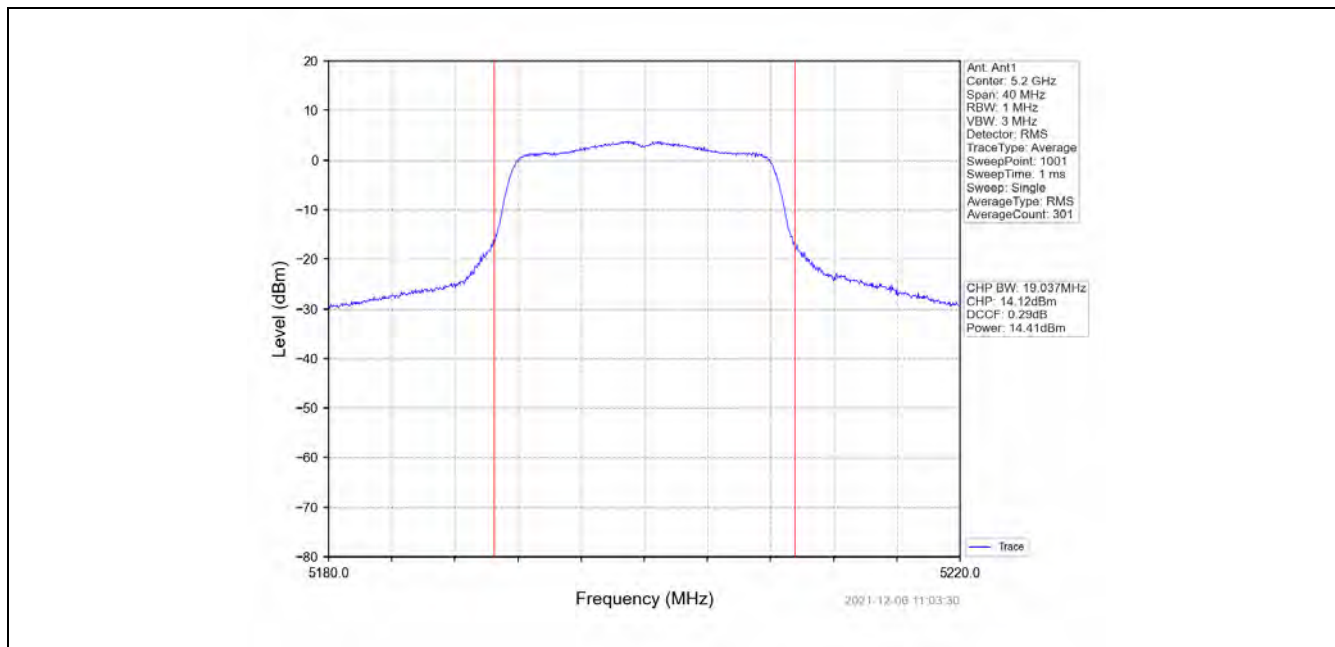
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3.1.2 Test Graph

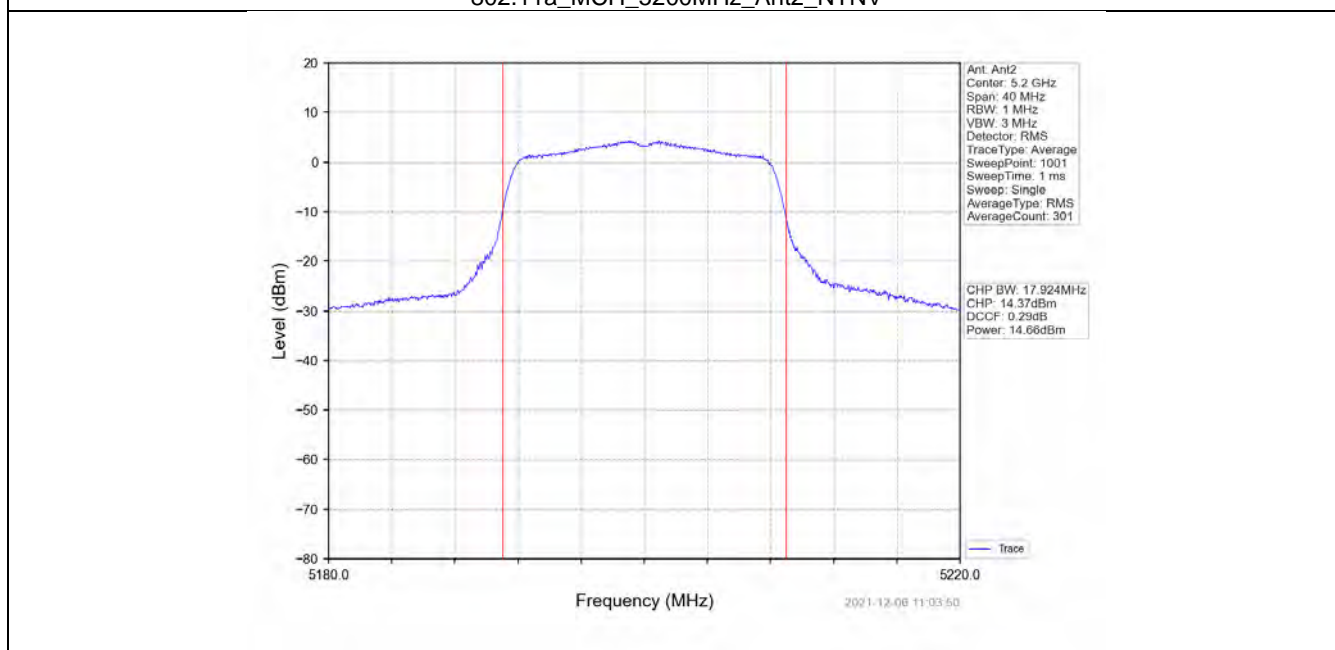


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802.11a_MCH_5200MHz_Ant2_NTNV

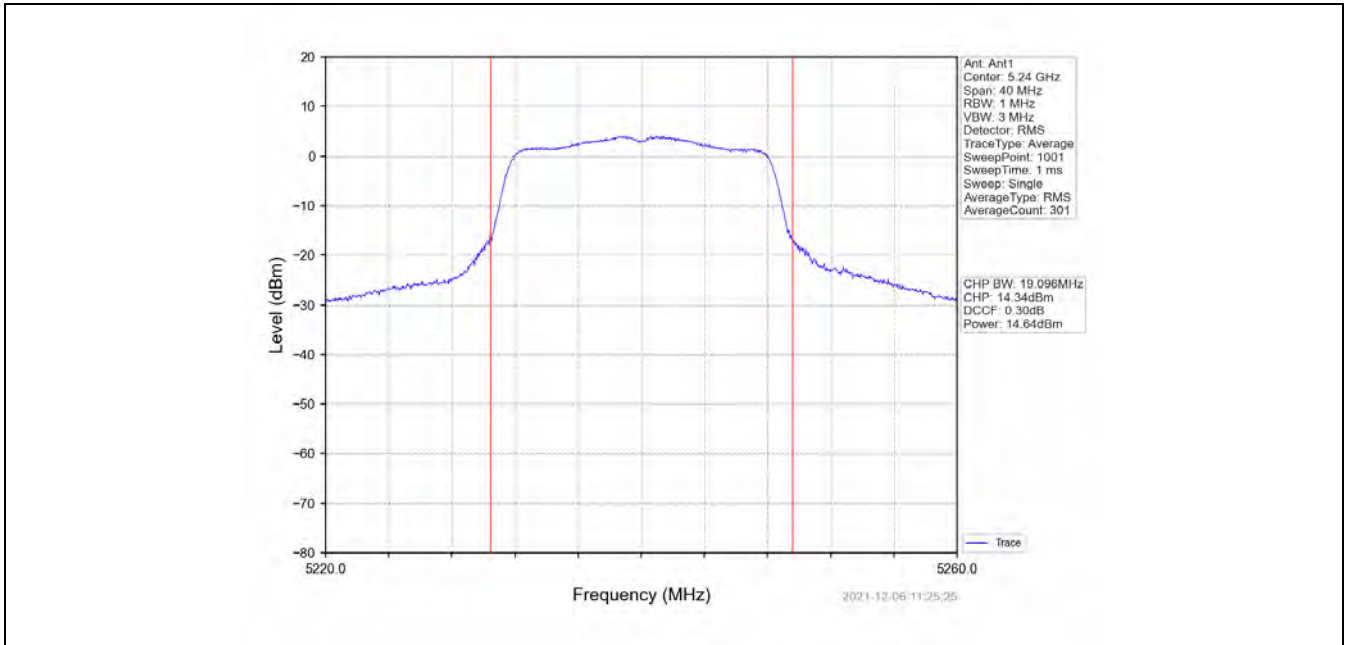


802.11a_HCH_5240MHz_Ant1_NTNV

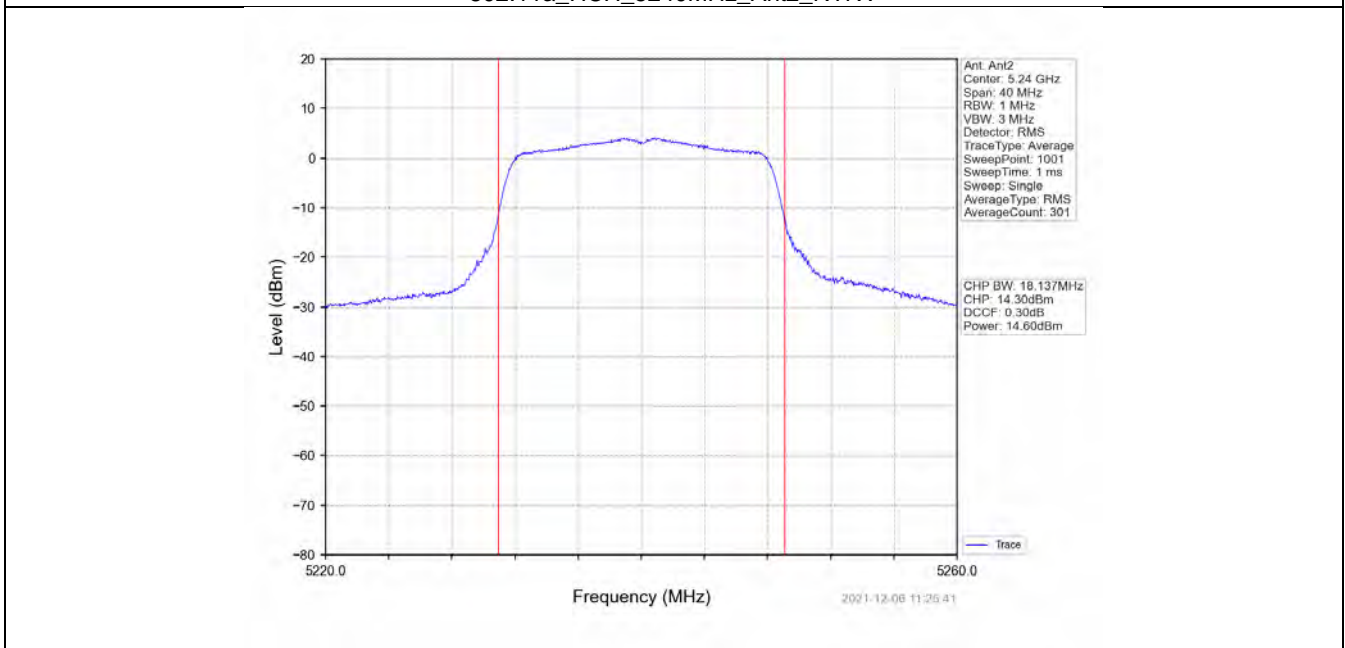


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802.11a_HCH_5240MHz_Ant2_NTNV

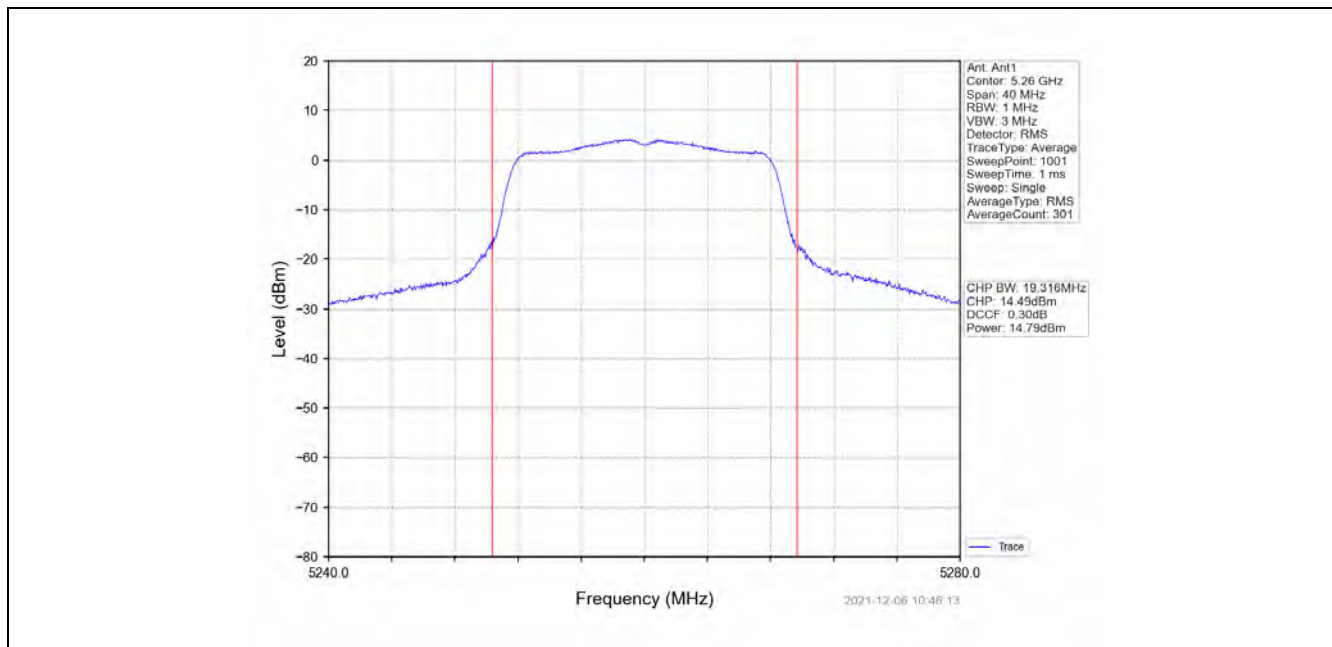


802.11a_LCH_5260MHz_Ant1_NTNV

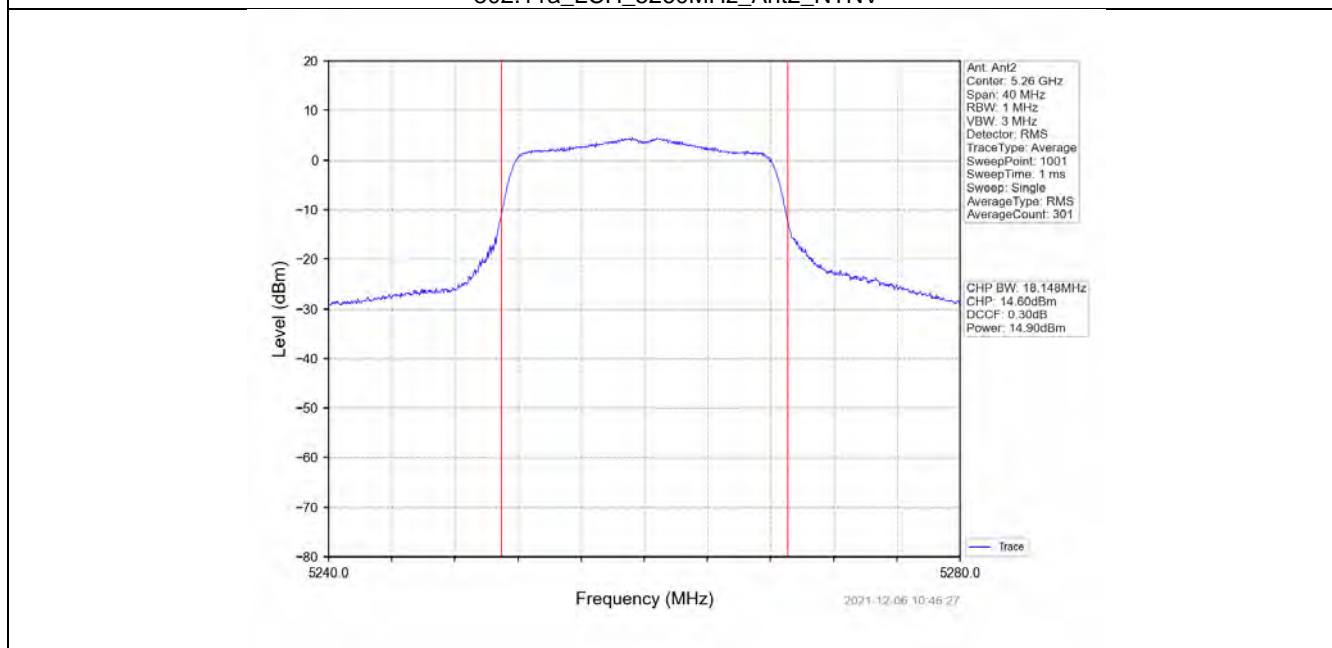


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802.11a_LCH_5260MHz_Ant2_NTNV

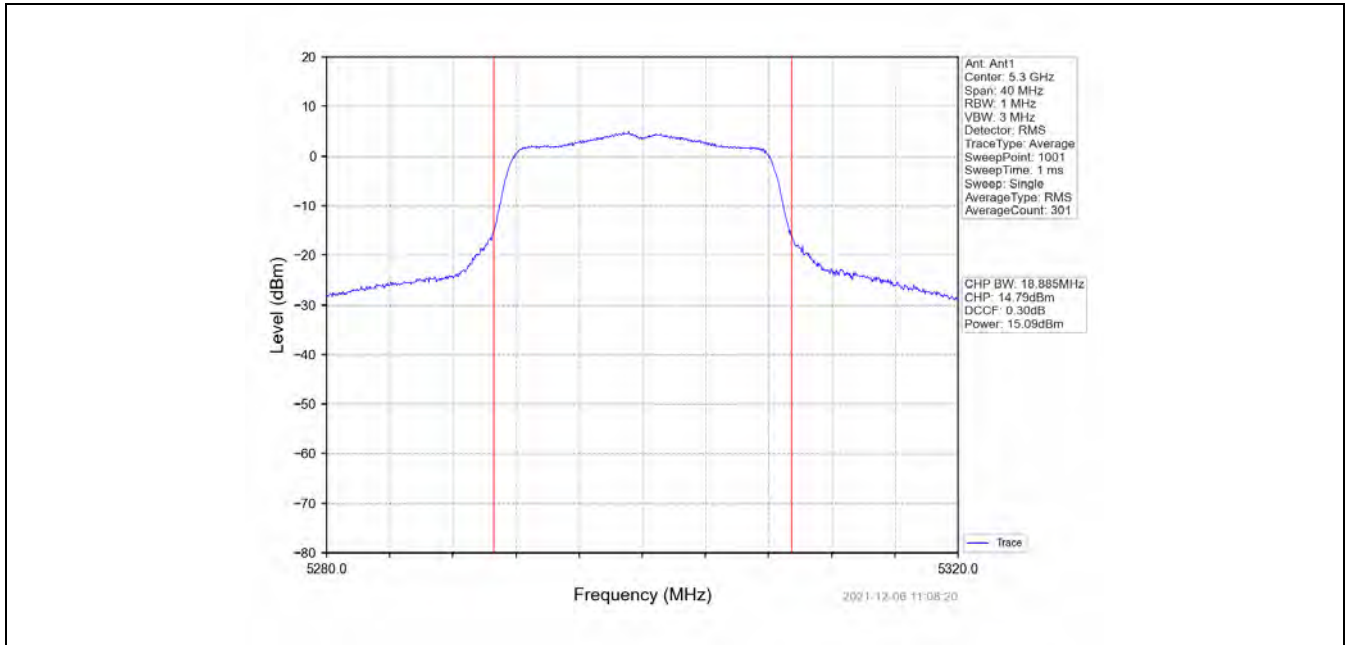


802.11a_MCH_5300MHz_Ant1_NTNV

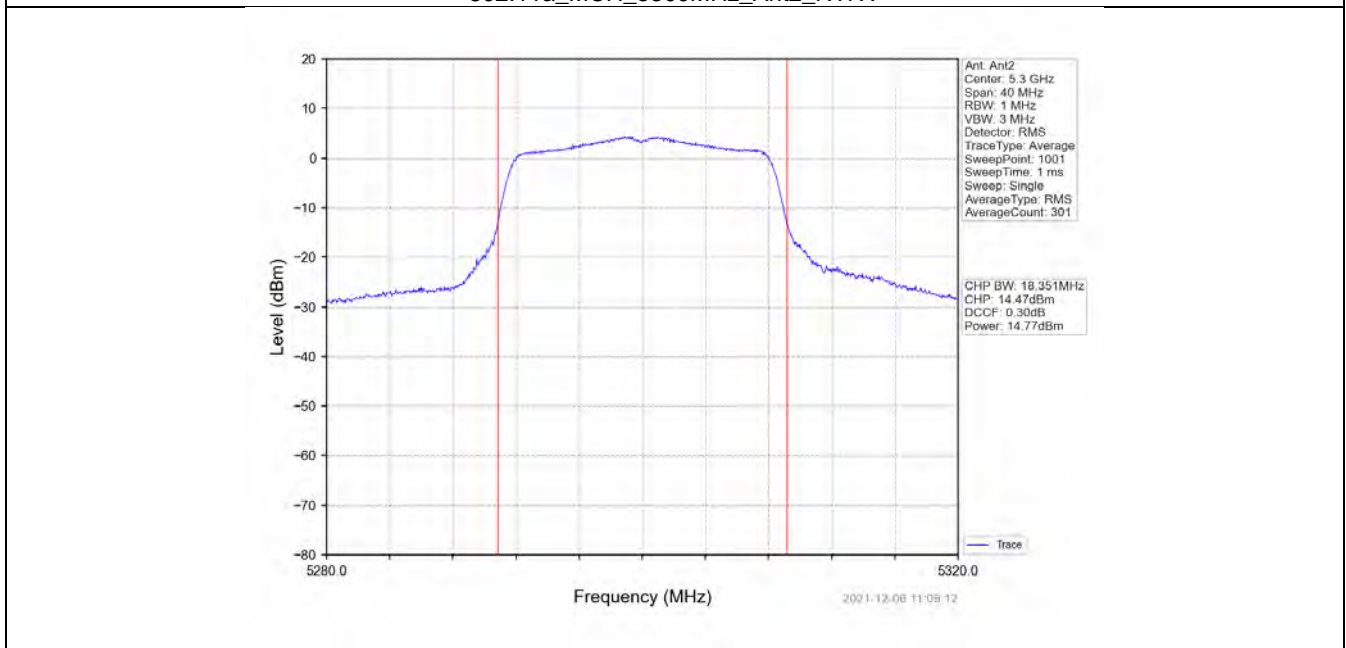


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802.11a_MCH_5300MHz_Ant2_NTNV

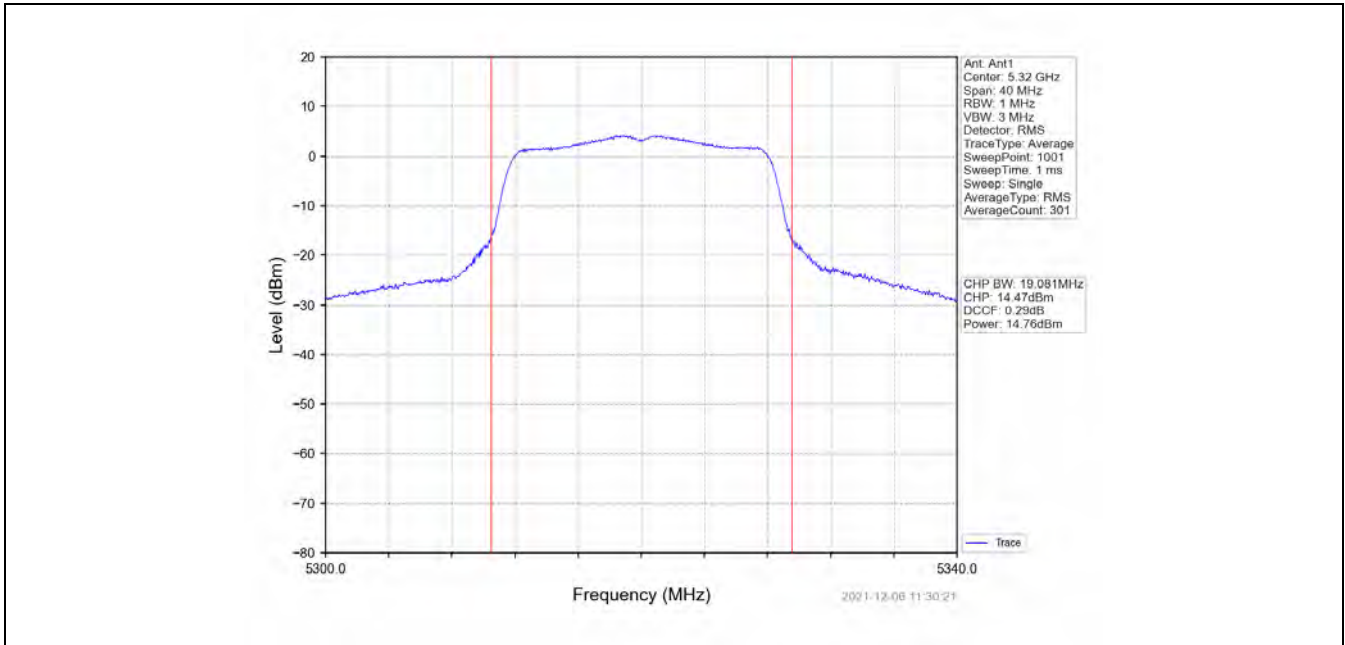


802.11a_HCH_5320MHz_Ant1_NTNV

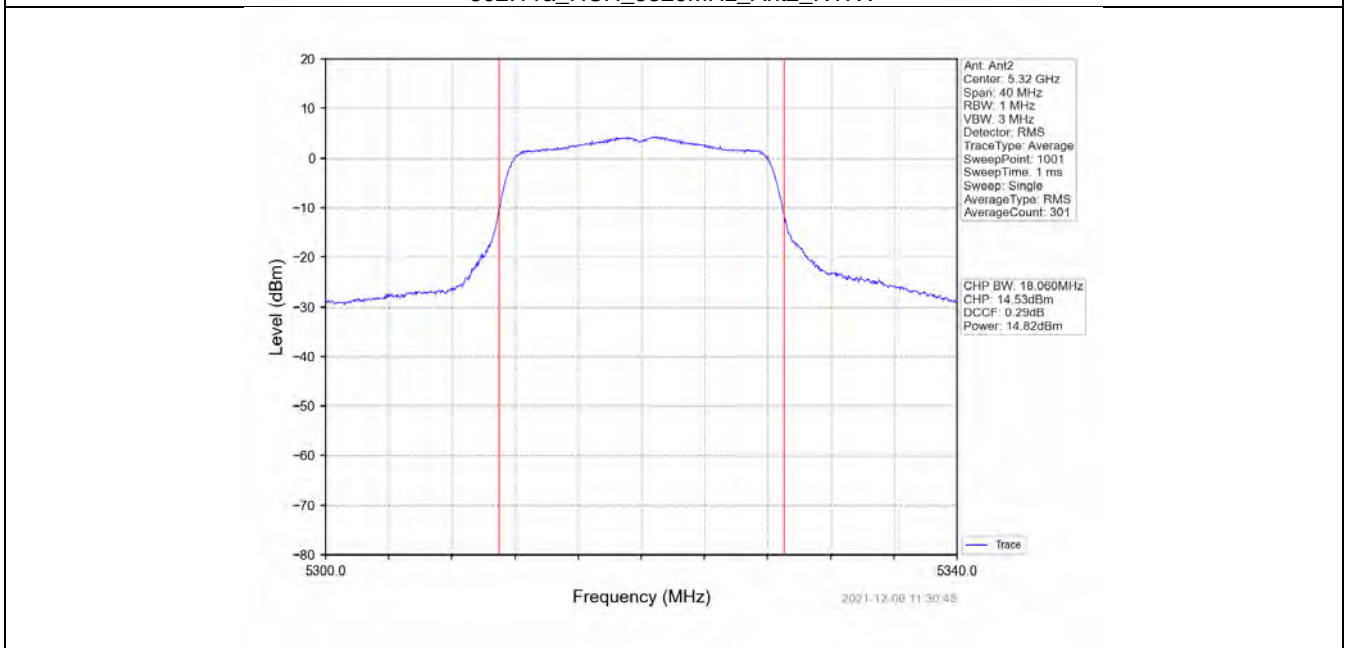


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802.11a_HCH_5320MHz_Ant2_NTNV



802.11a_LCH_5500MHz_Ant1_NTNV

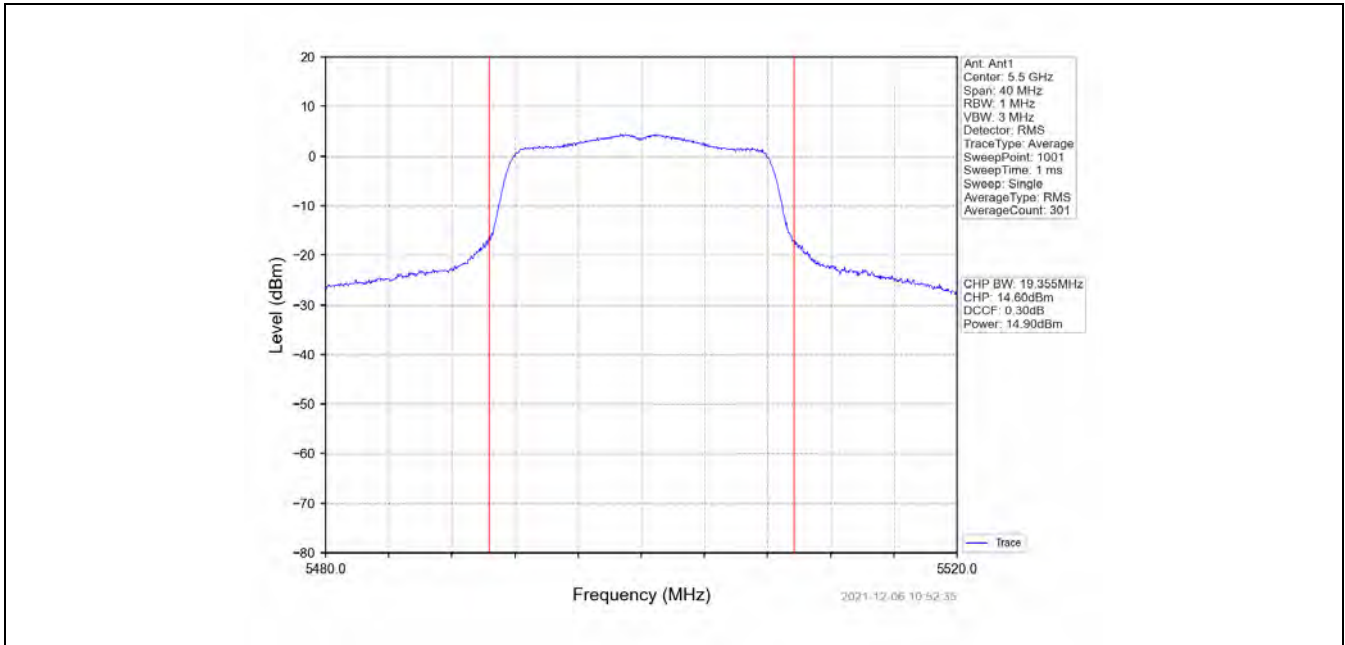


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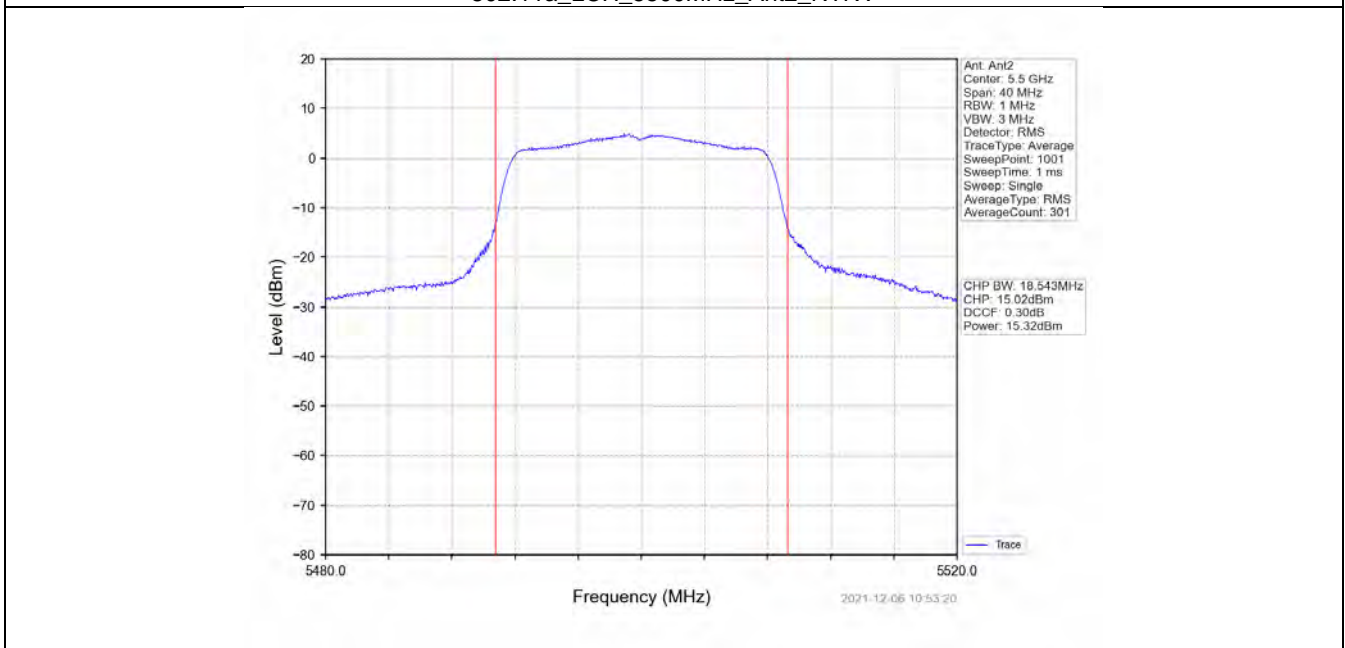
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802.11a_LCH_5500MHz_Ant2_NTNV

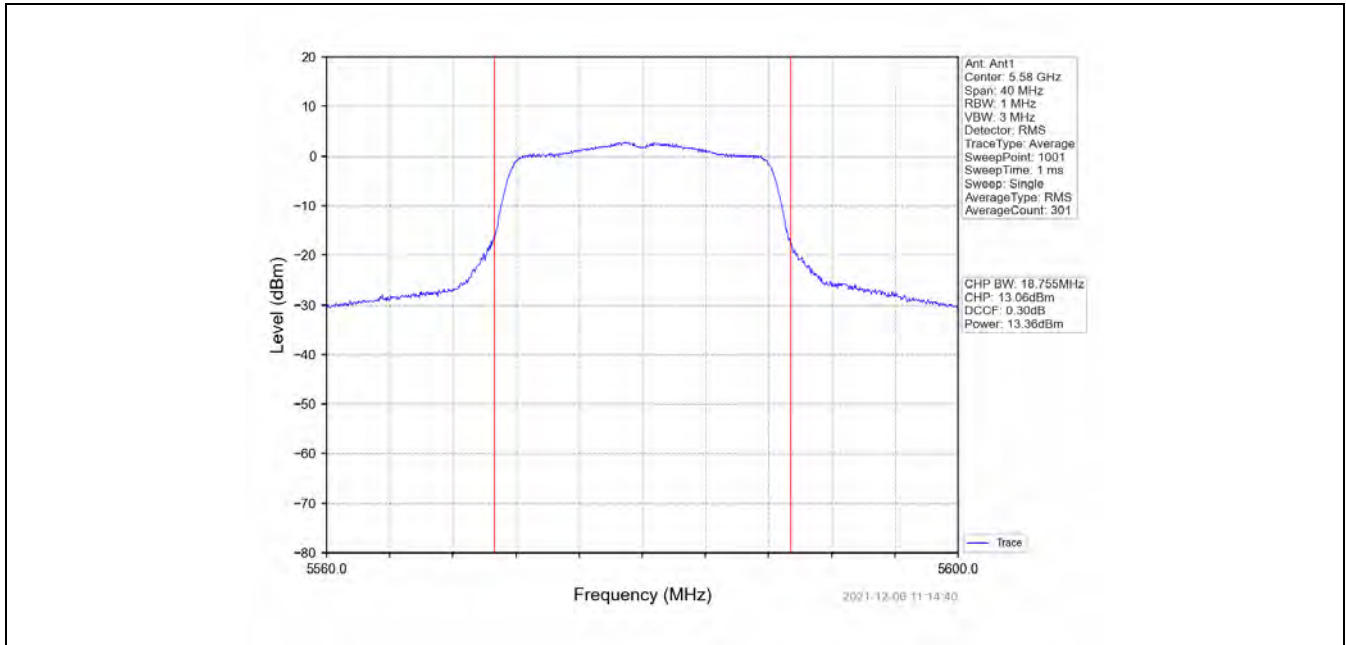


802.11a_MCH_5580MHz_Ant1_NTNV

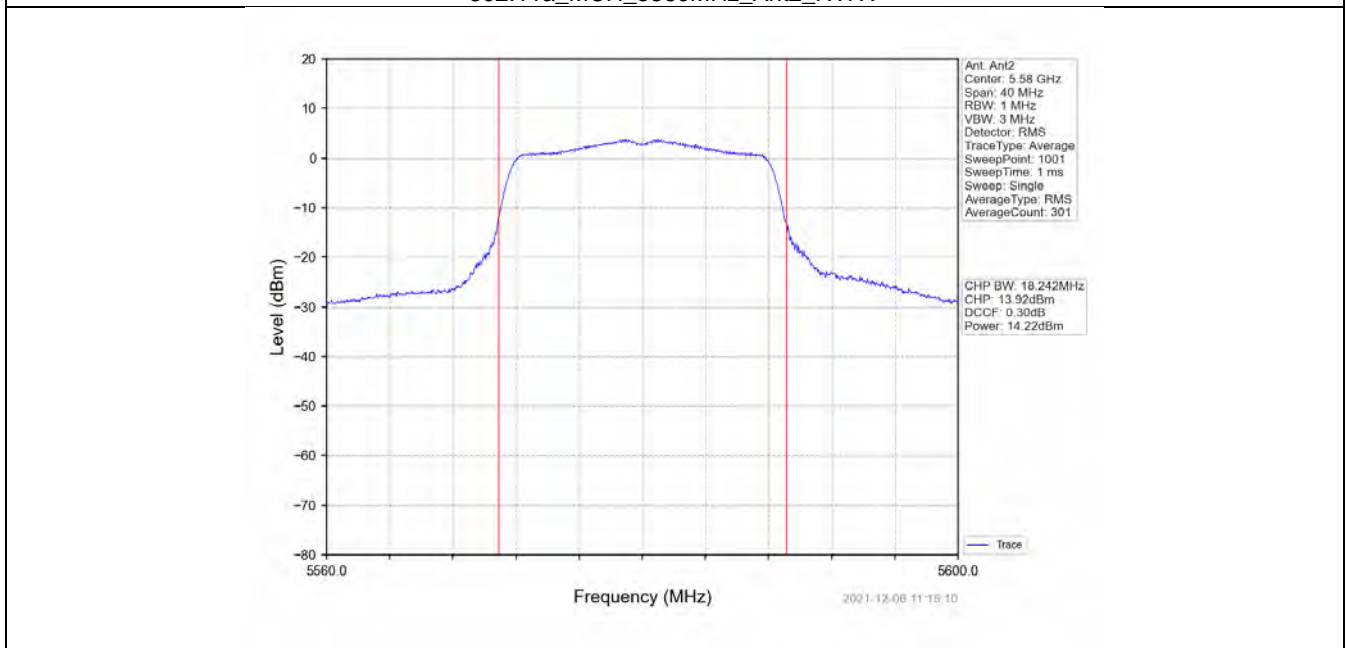


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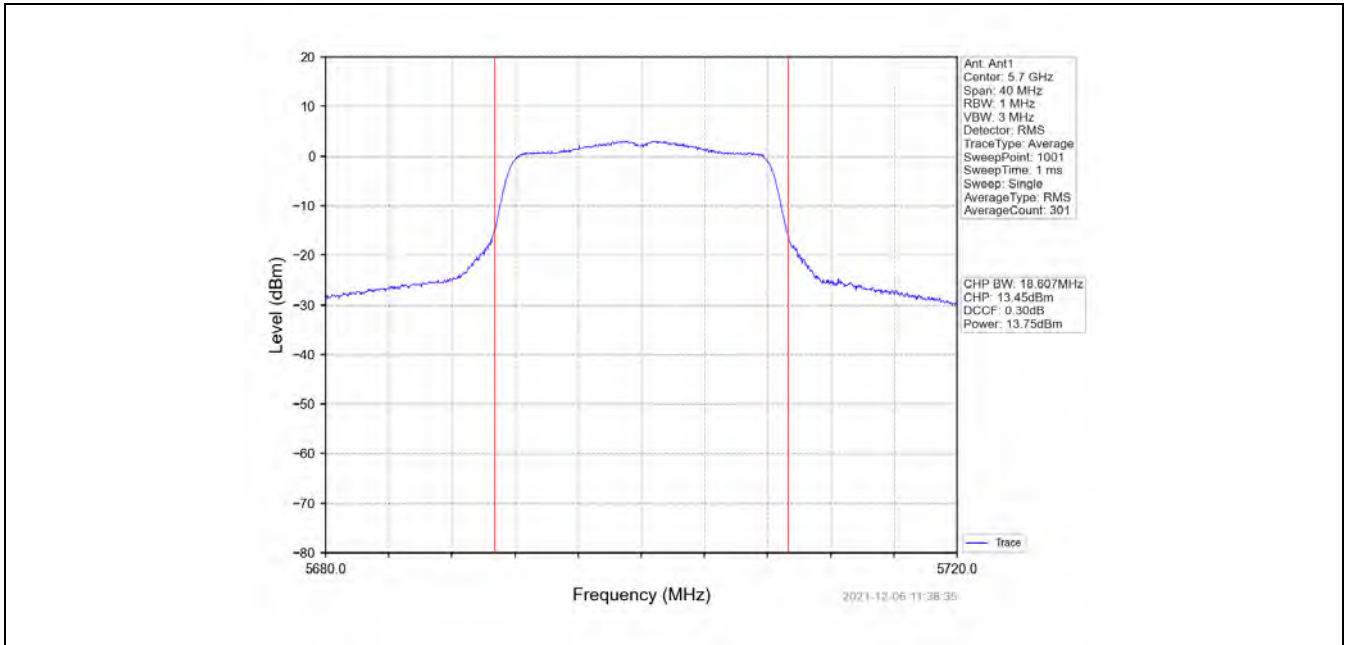
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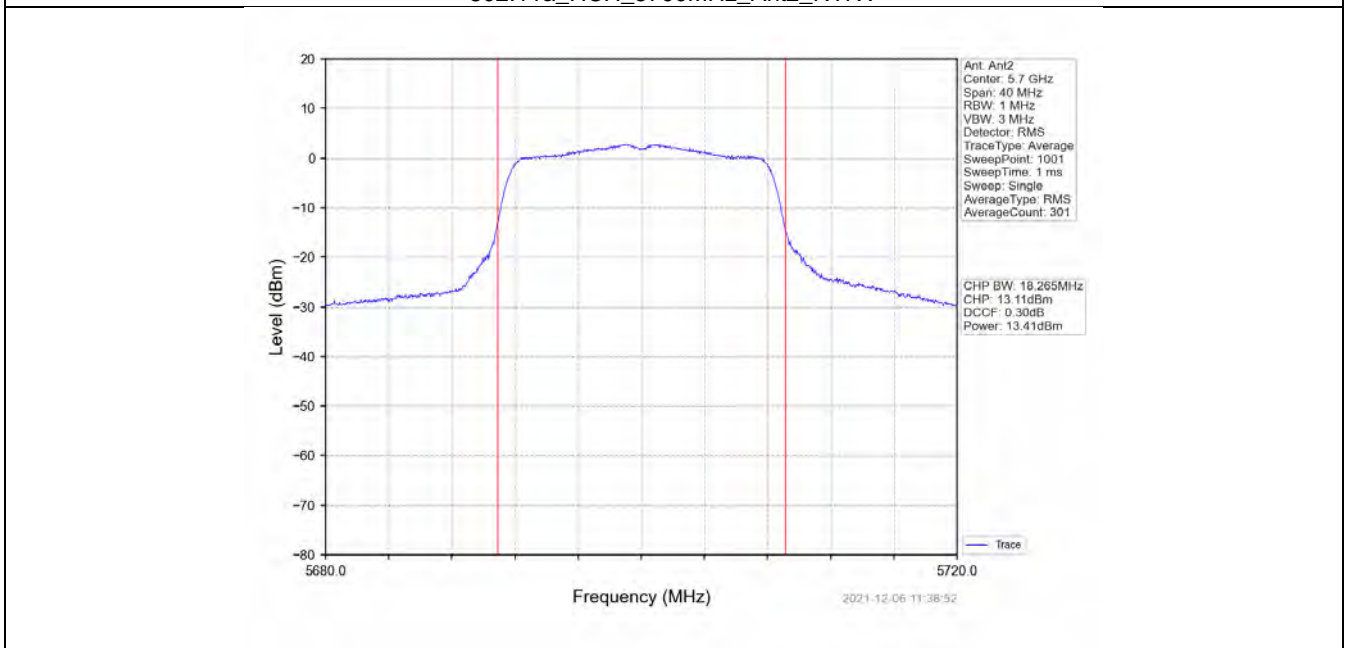
802.11a_HCH_5700MHz_Ant1_NTNV



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802.11a_HCH_5700MHz_Ant2_NTNV

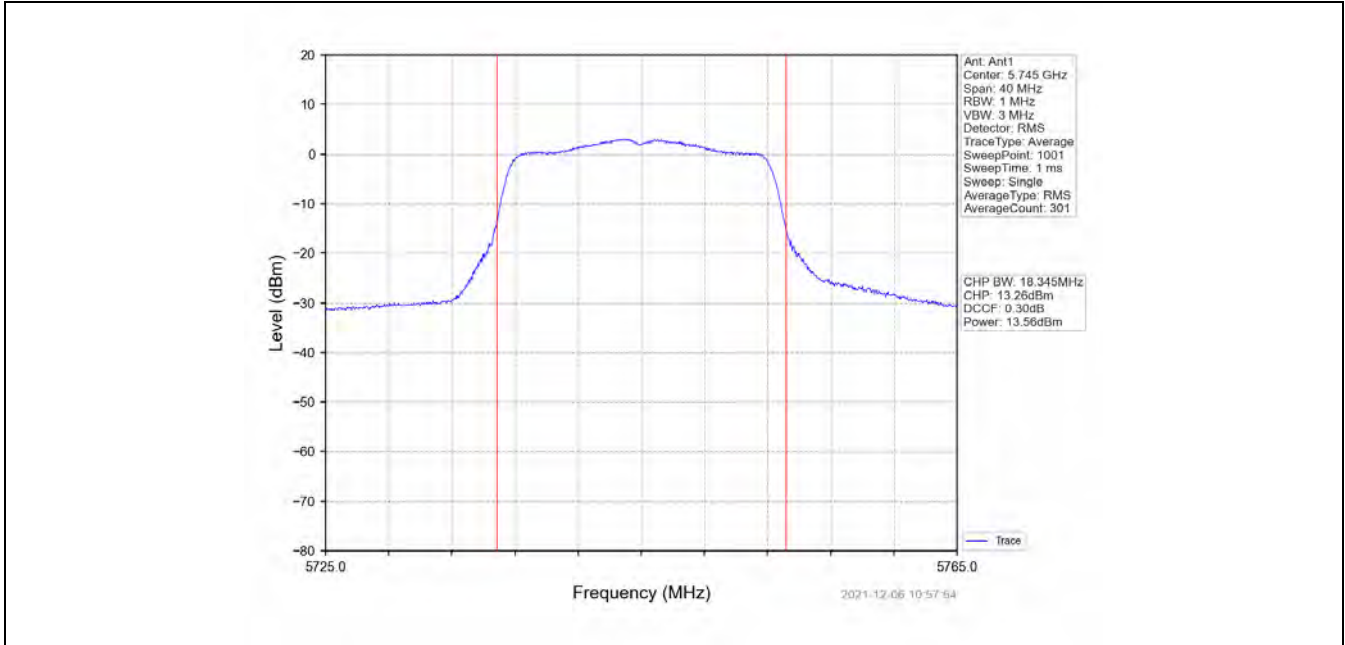


802.11a_LCH_5745MHz_Ant1_NTNV

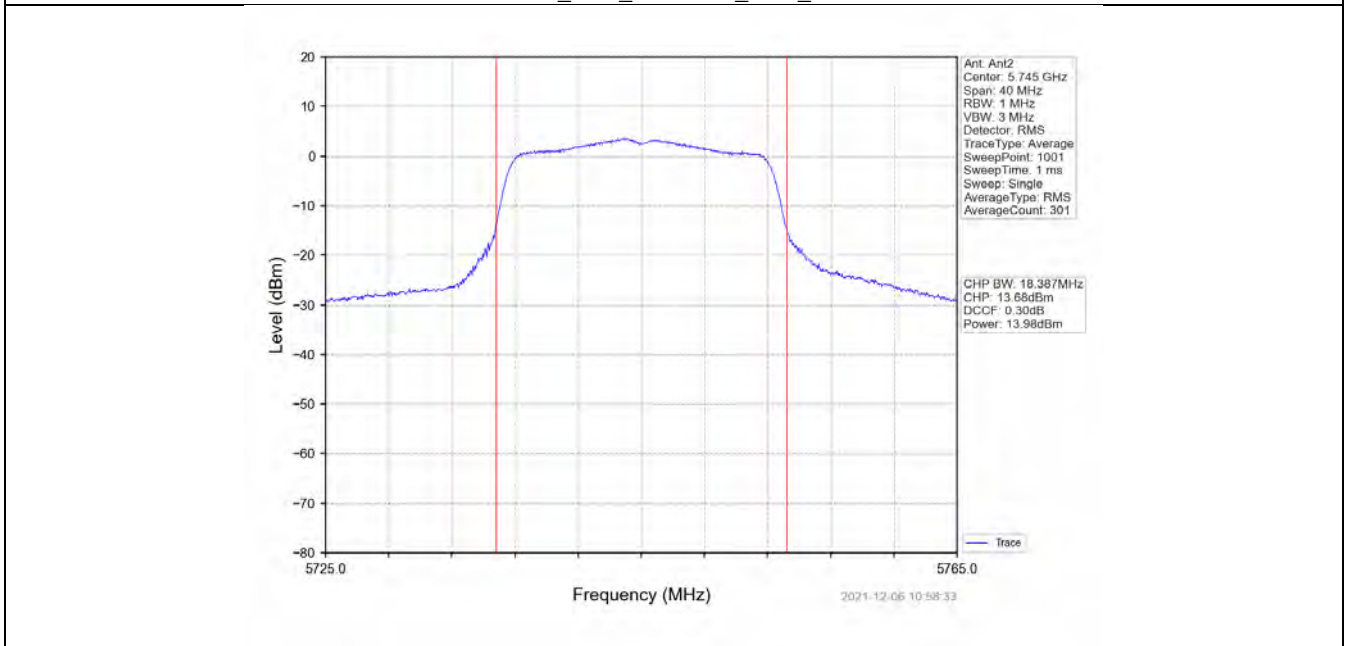


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802.11a_LCH_5745MHz_Ant2_NTNV

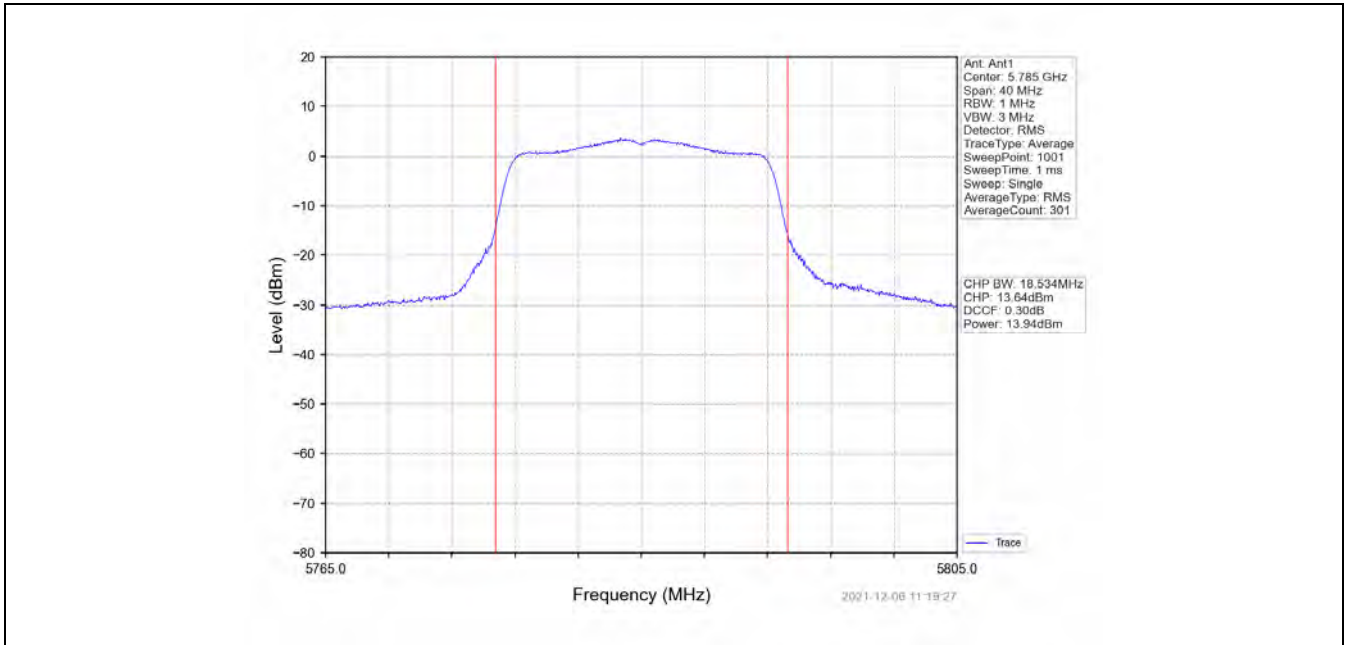


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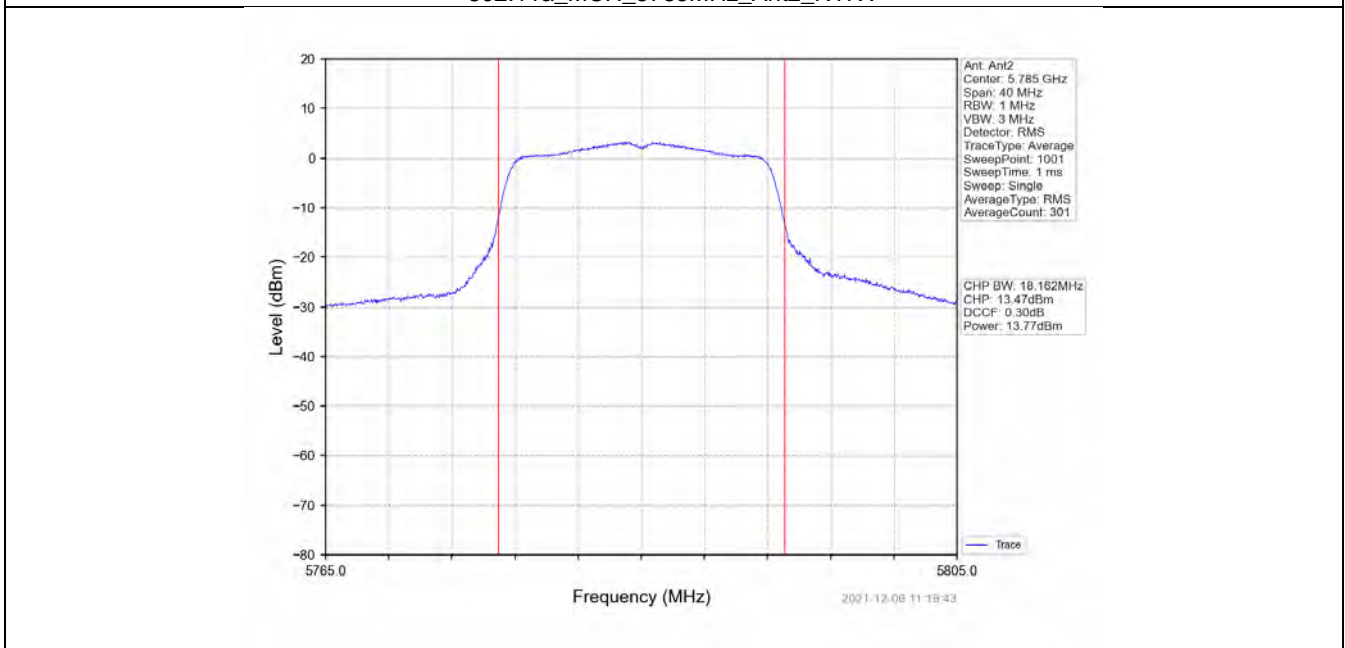


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802.11a_MCH_5785MHz_Ant2_NTNV

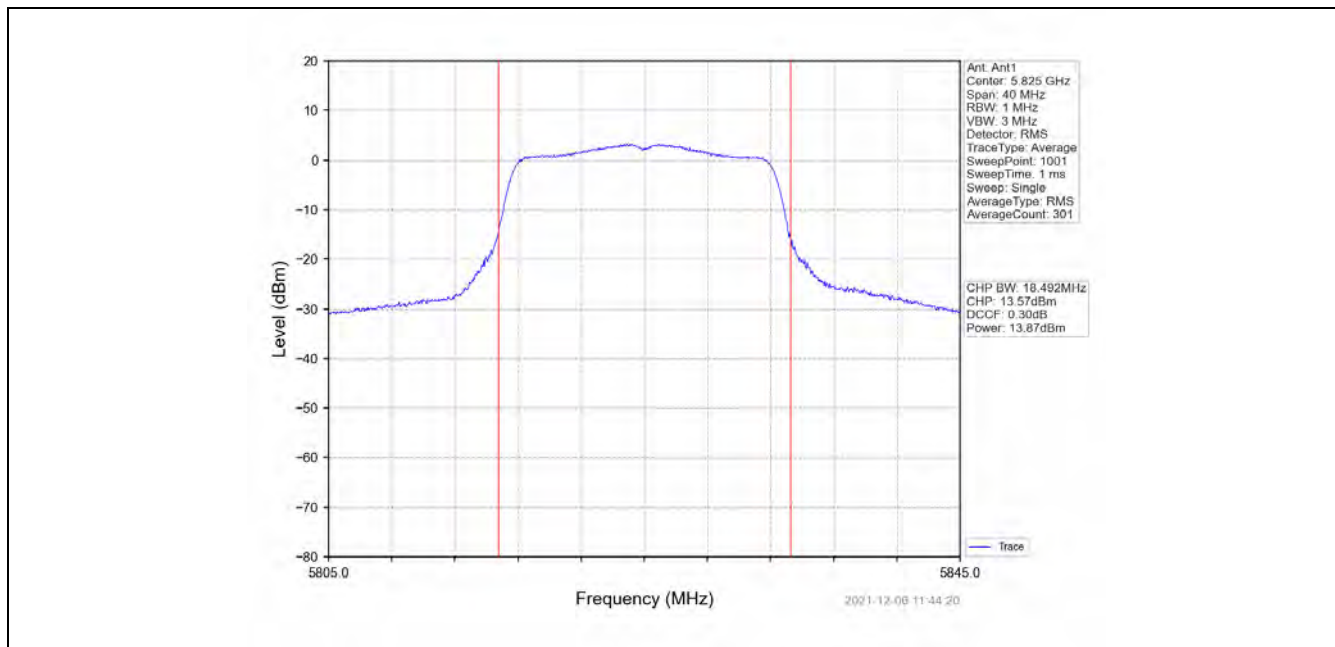


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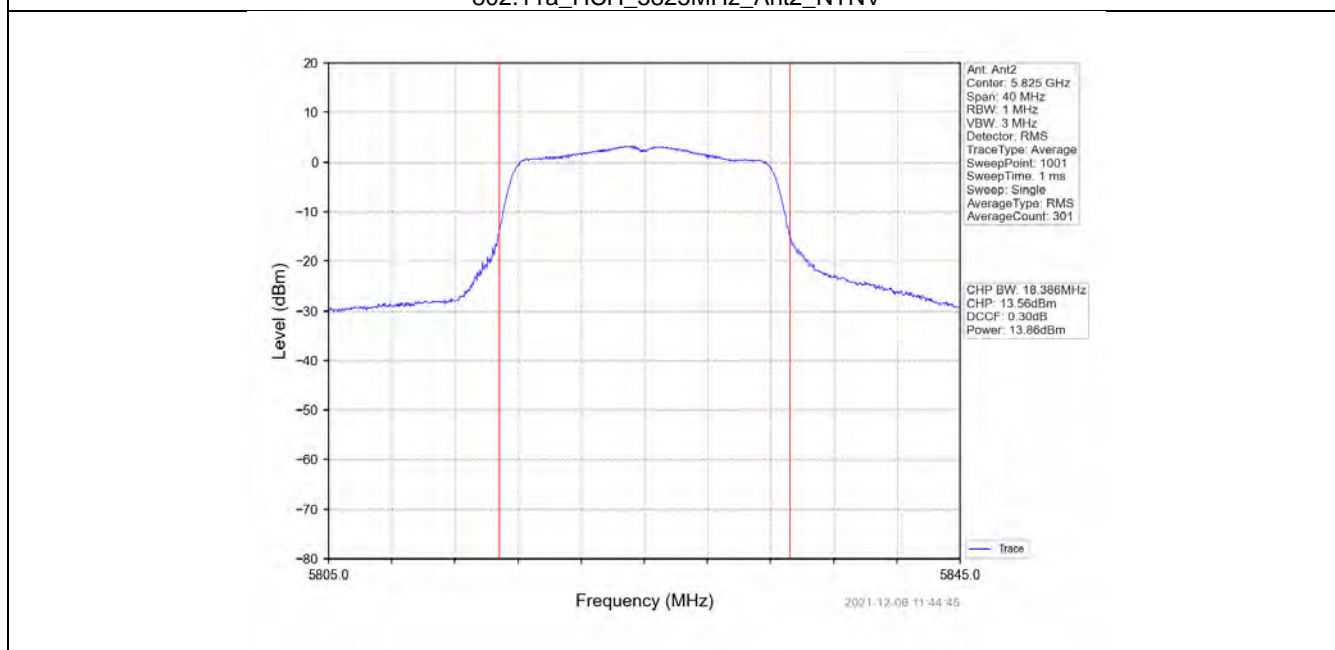


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802.11a_HCH_5825MHz_Ant2_NTNV

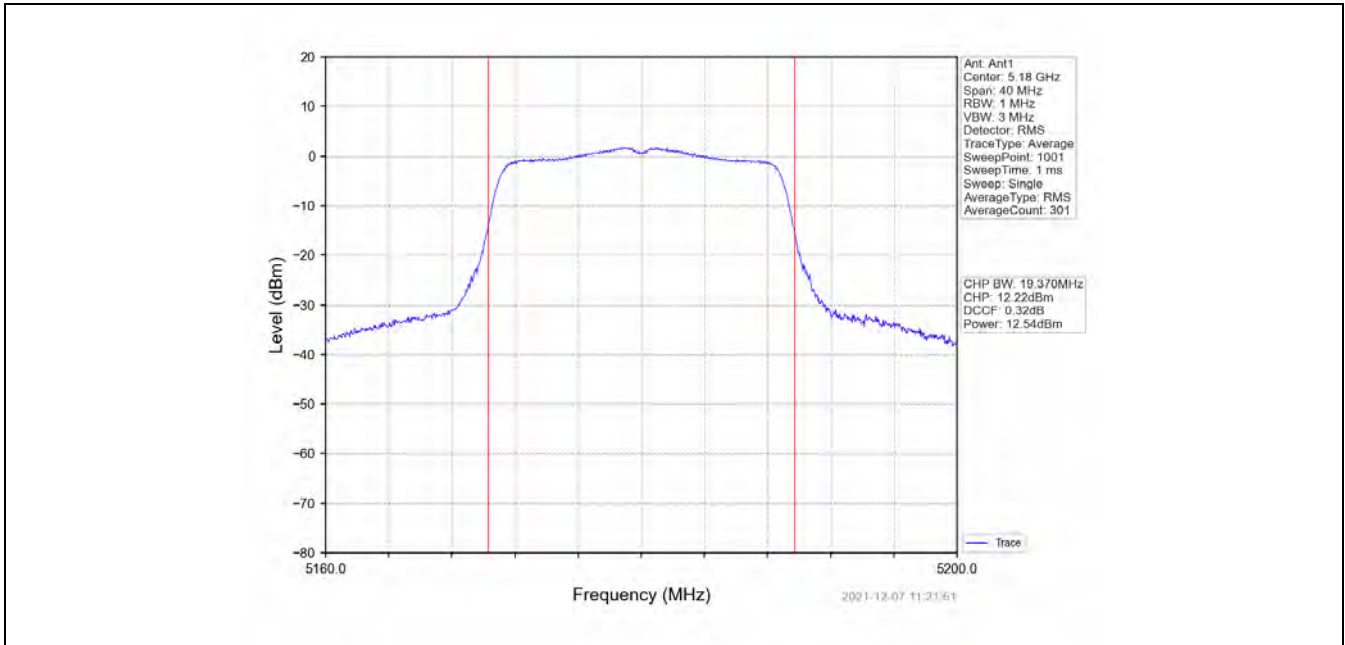


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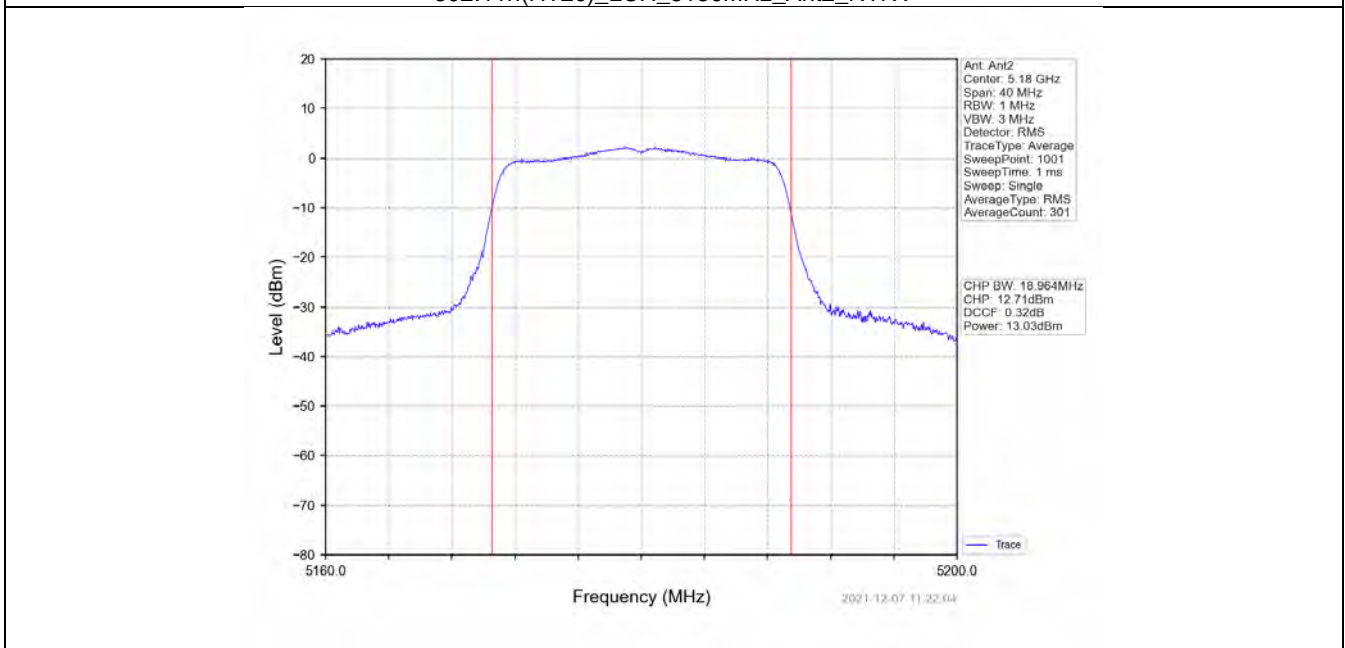


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802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

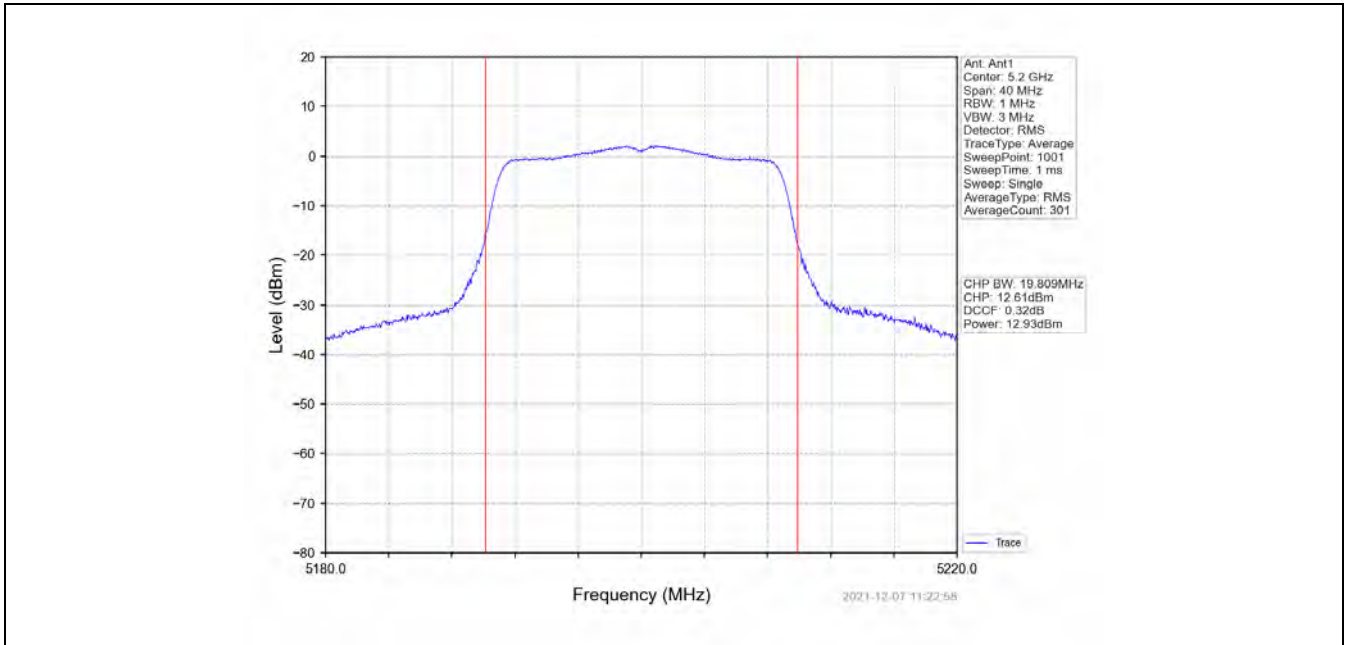


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

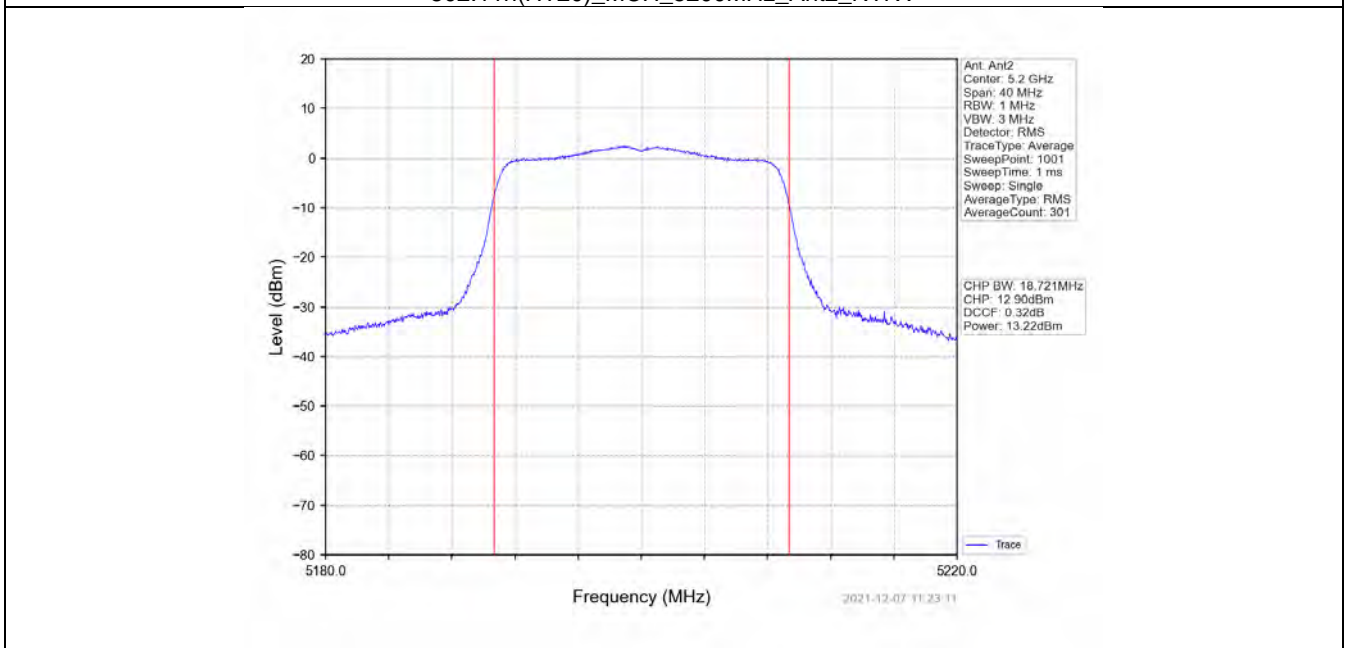


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802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

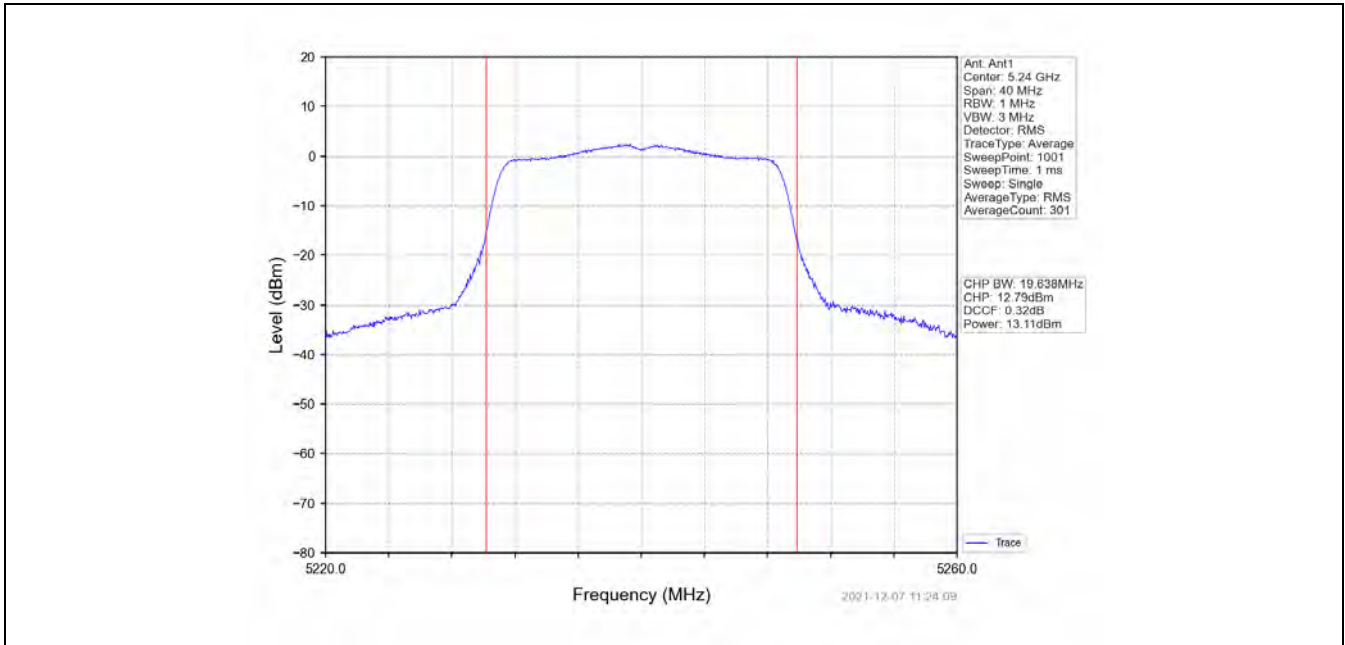


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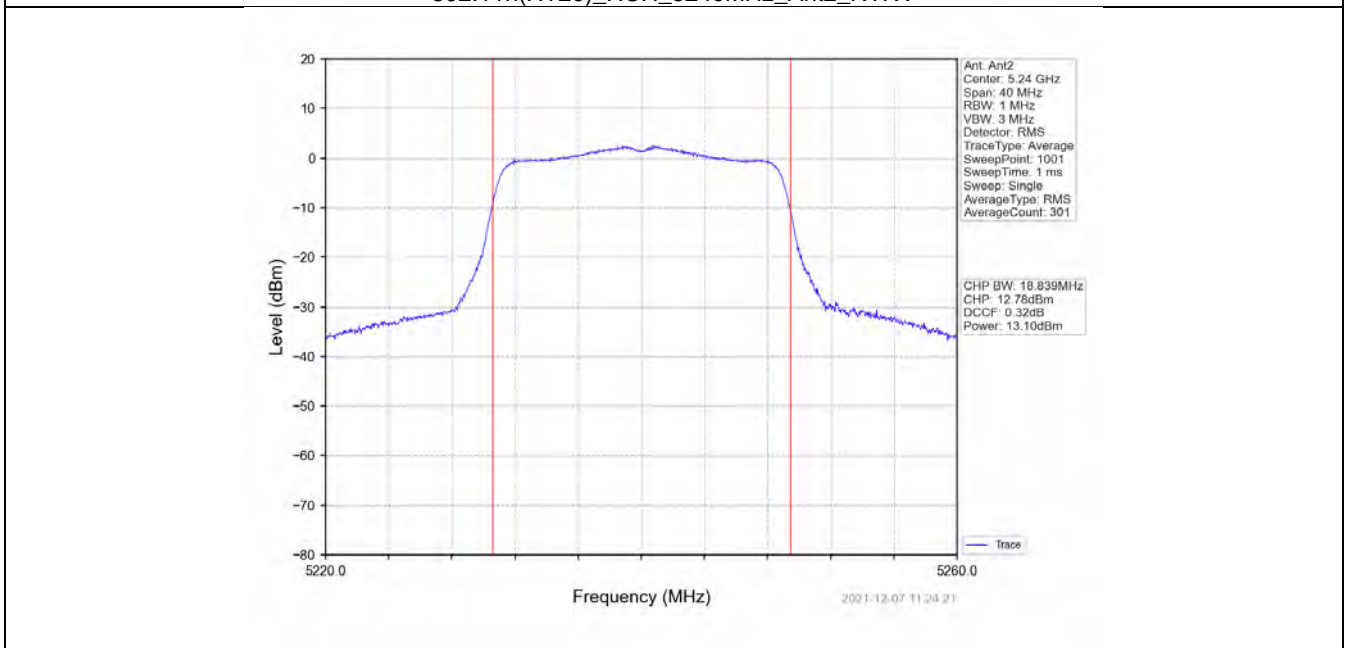
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802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

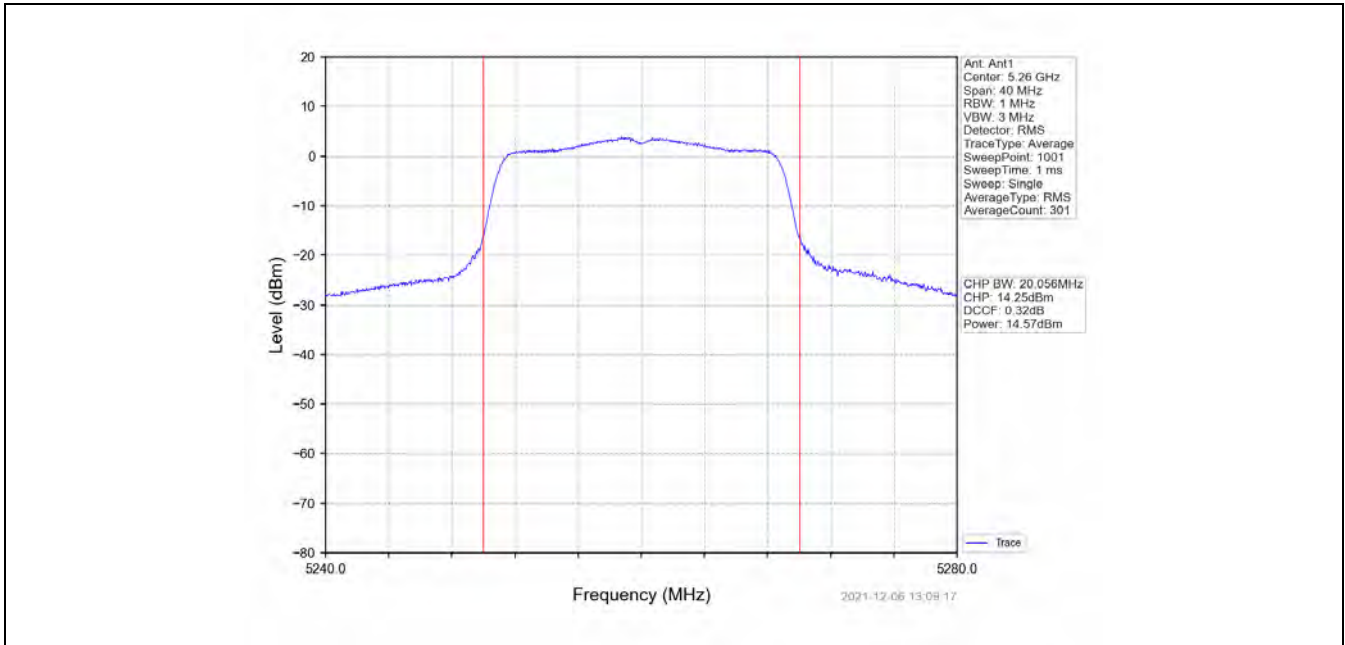


802.11n(HT20)_LCH_5260MHz_Ant1_NTNV

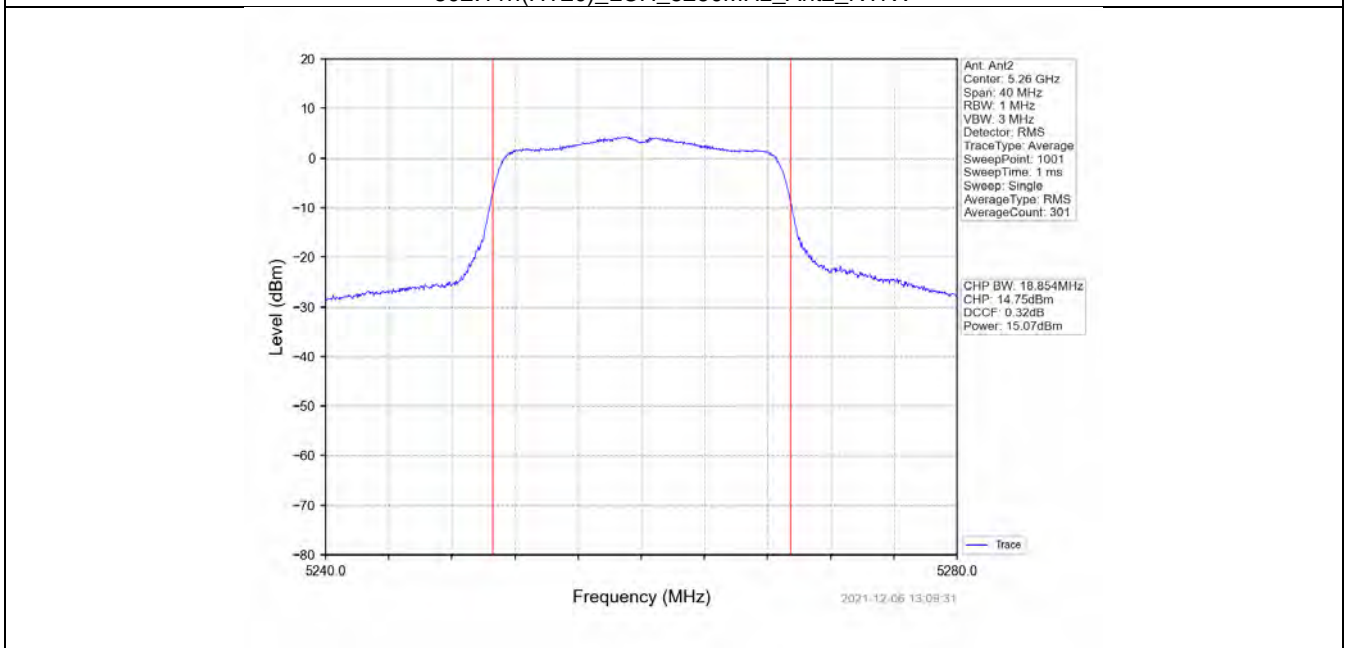


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802.11n(HT20)_LCH_5260MHz_Ant2_NTNV

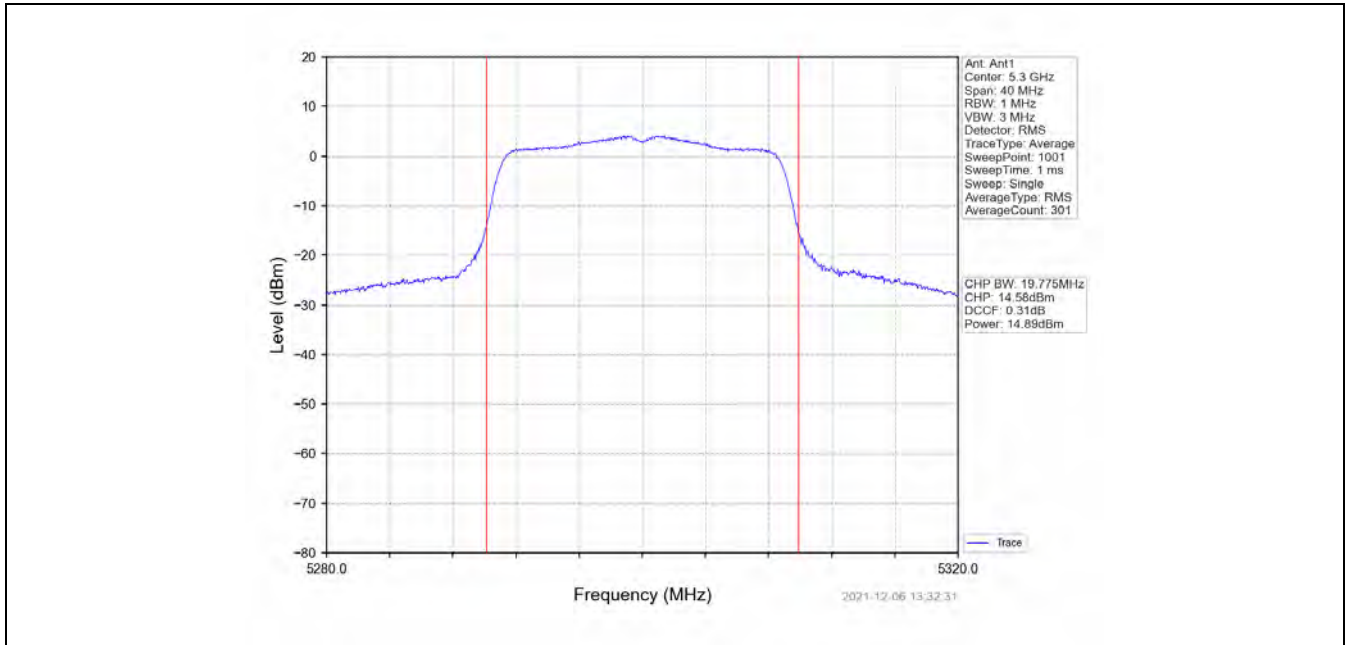


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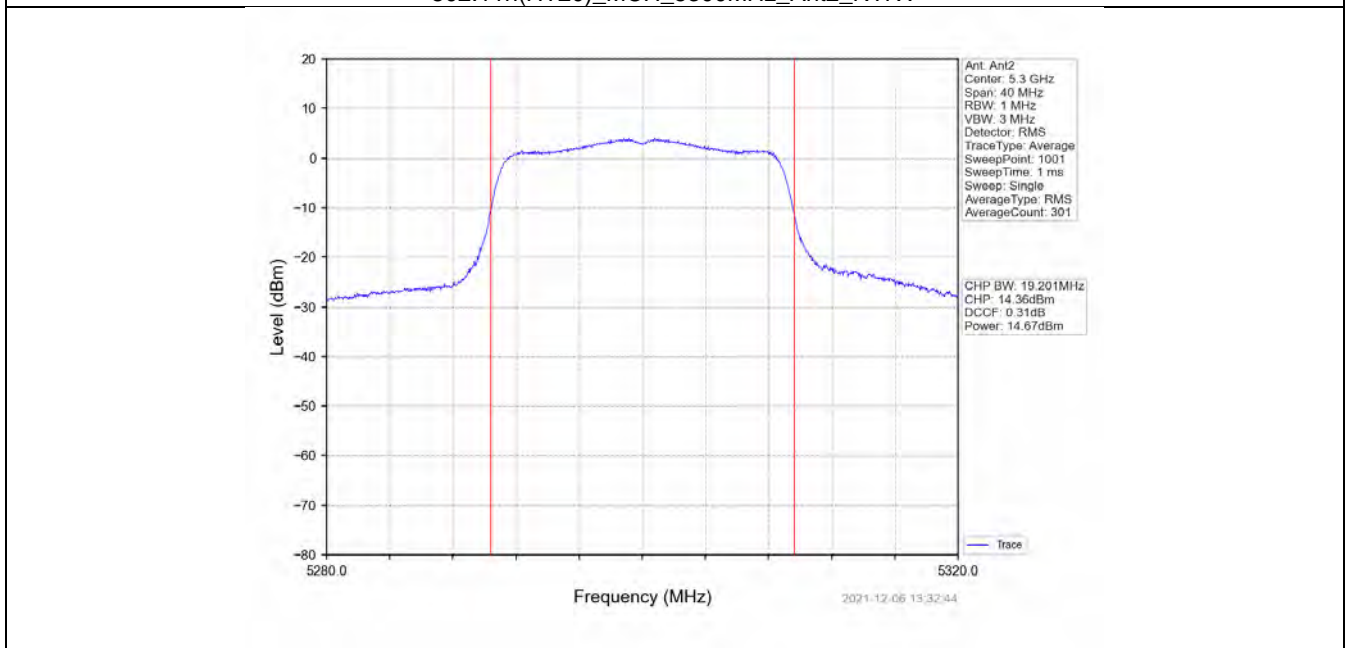


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802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

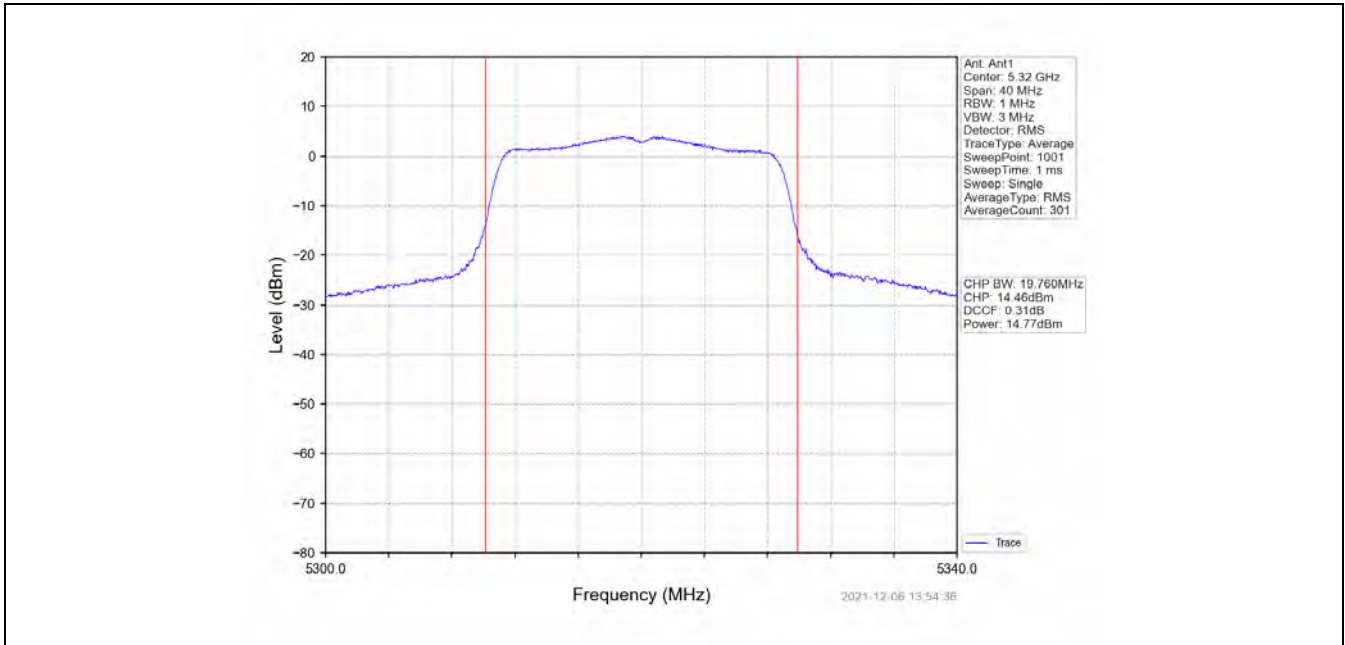


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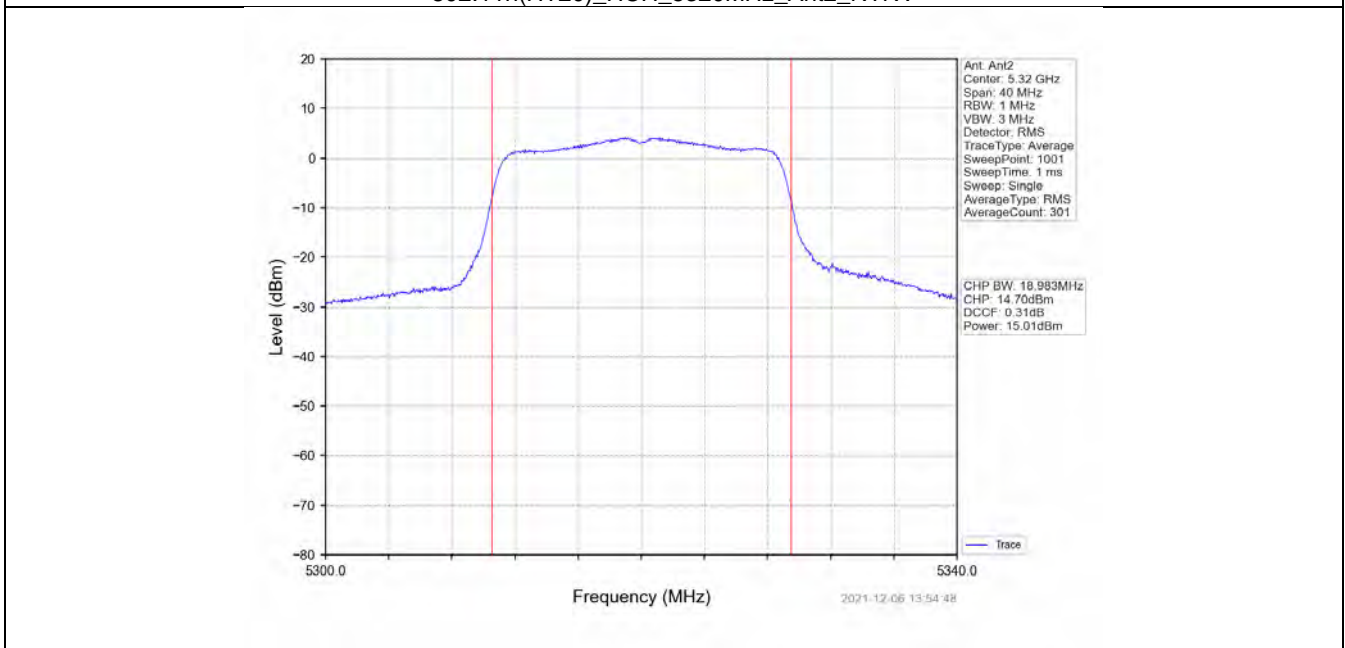
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802.11n(HT20)_HCH_5320MHz_Ant2_NTNV

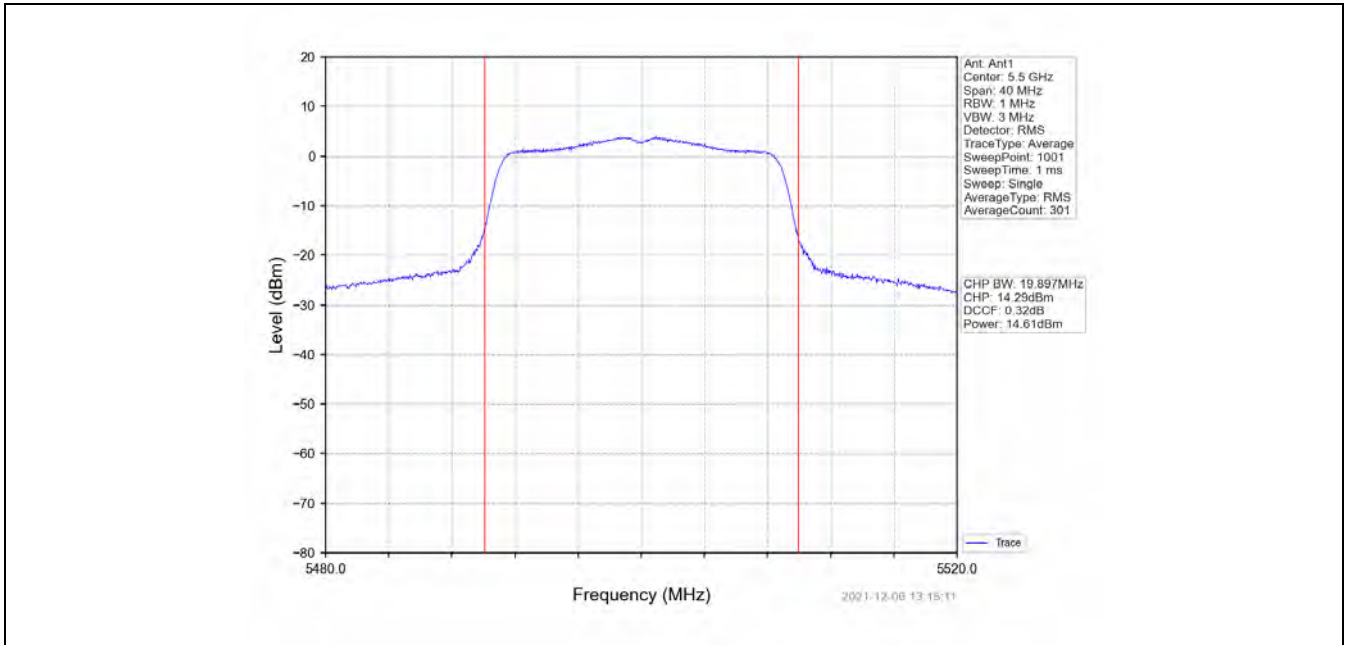


802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



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802.11n(HT20)_LCH_5500MHz_Ant2_NTNV

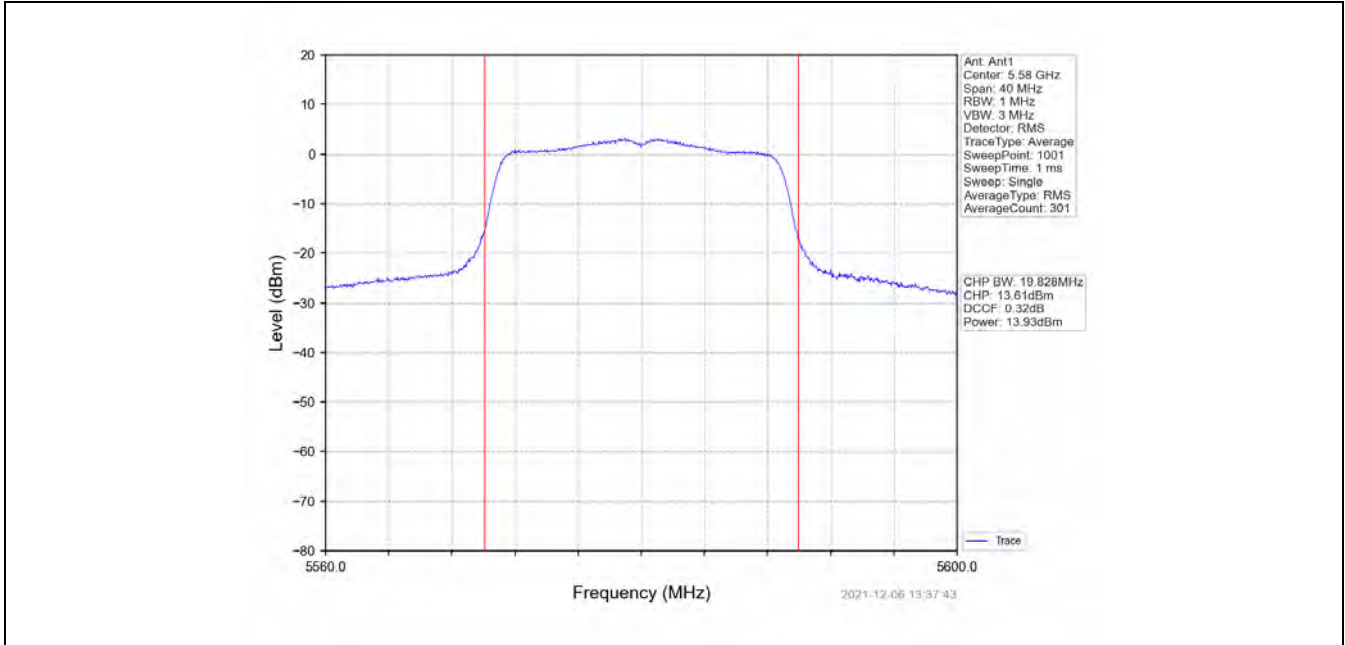


802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

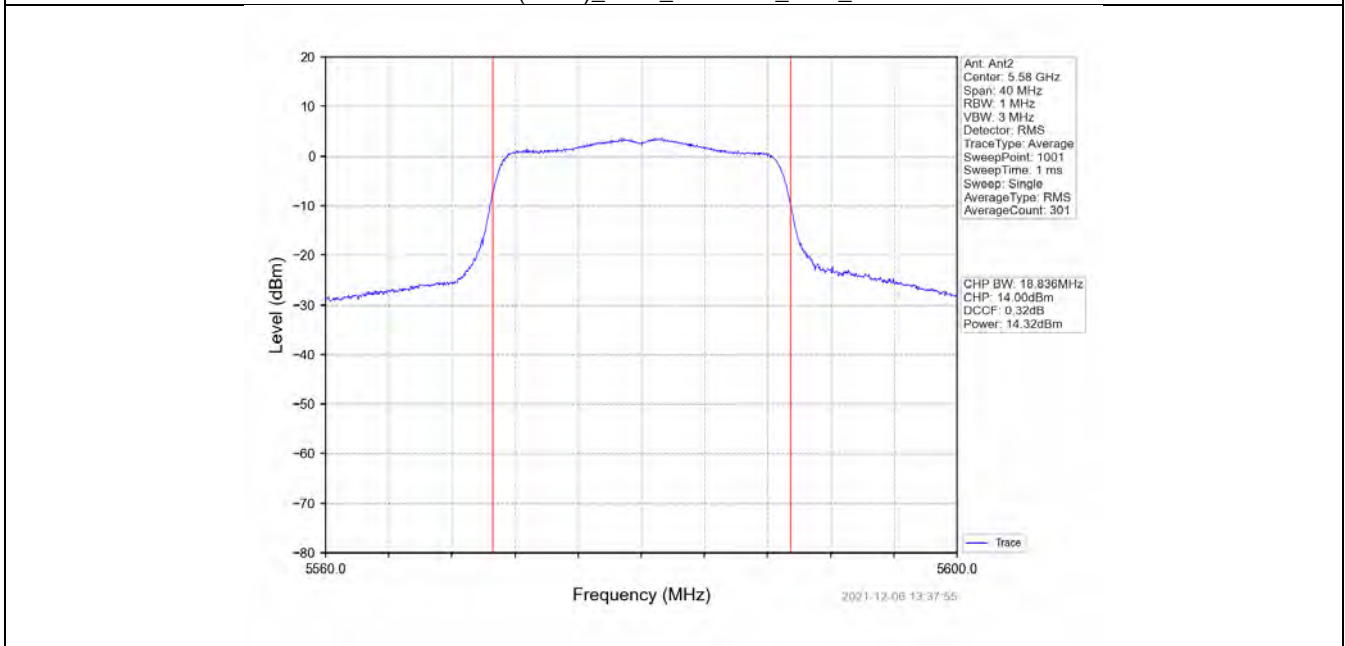


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802.11n(HT20)_MCH_5580MHz_Ant2_NTNV

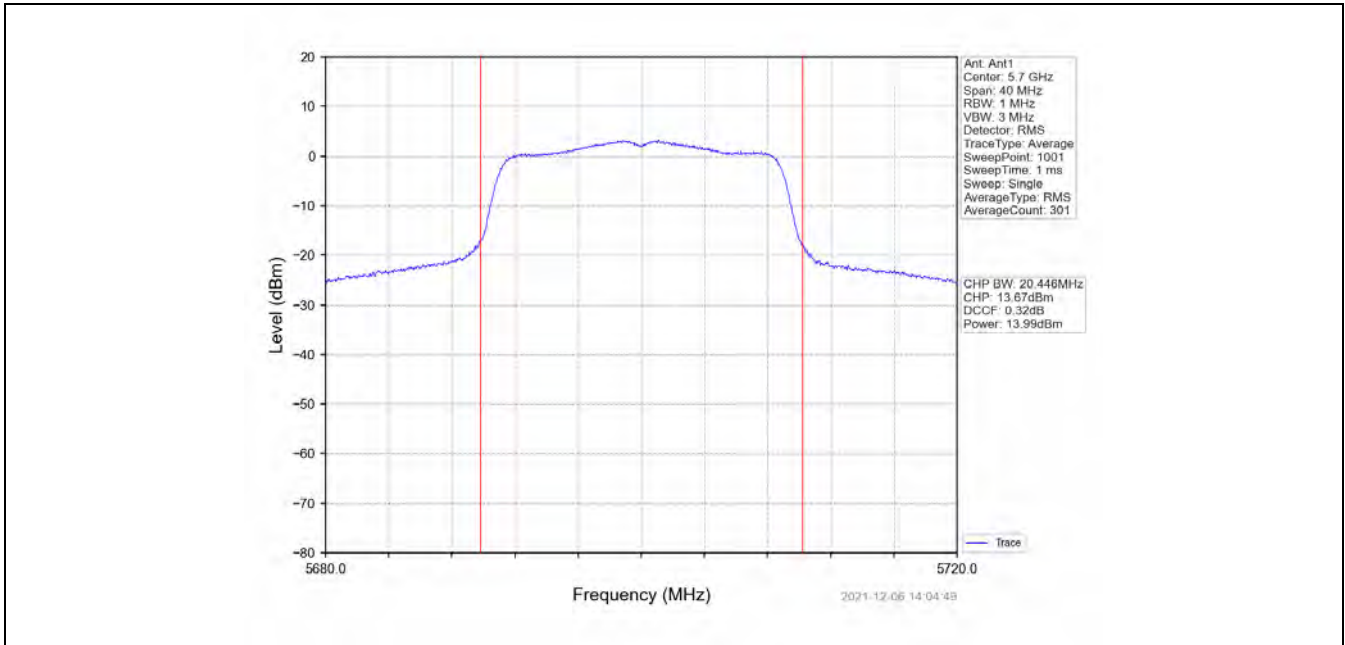


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

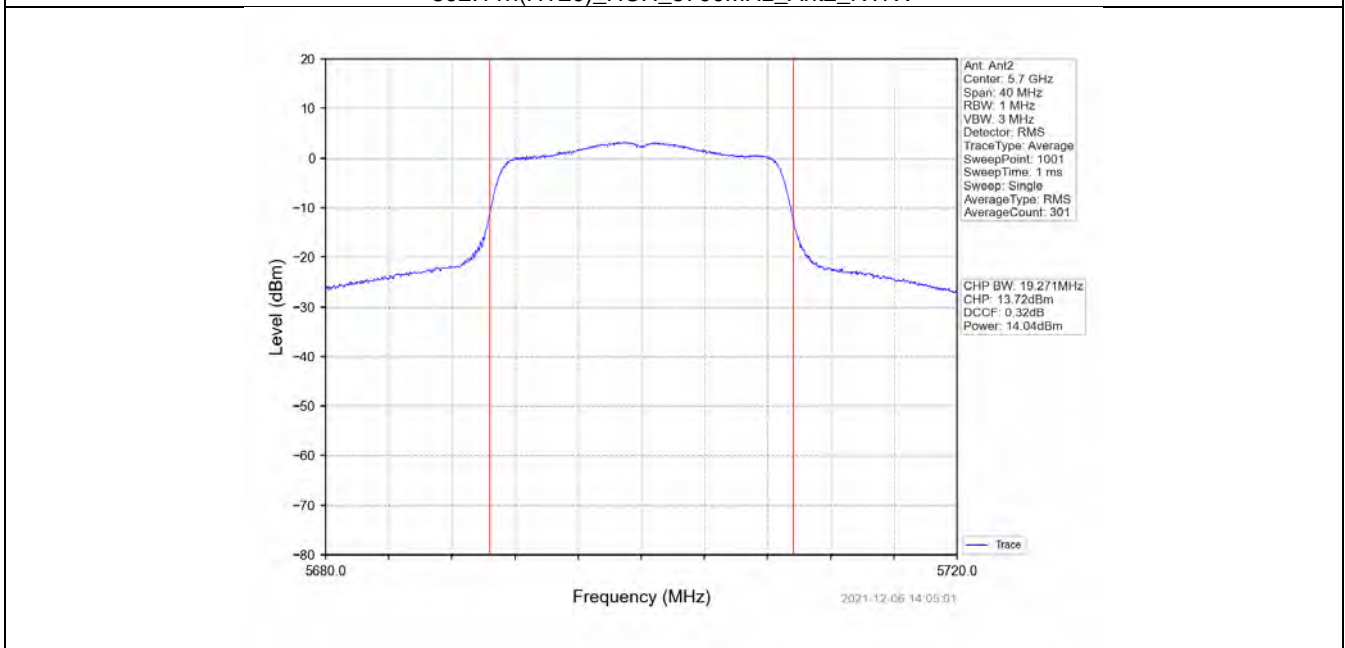


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802.11n(HT20)_HCH_5700MHz_Ant2_NTNV

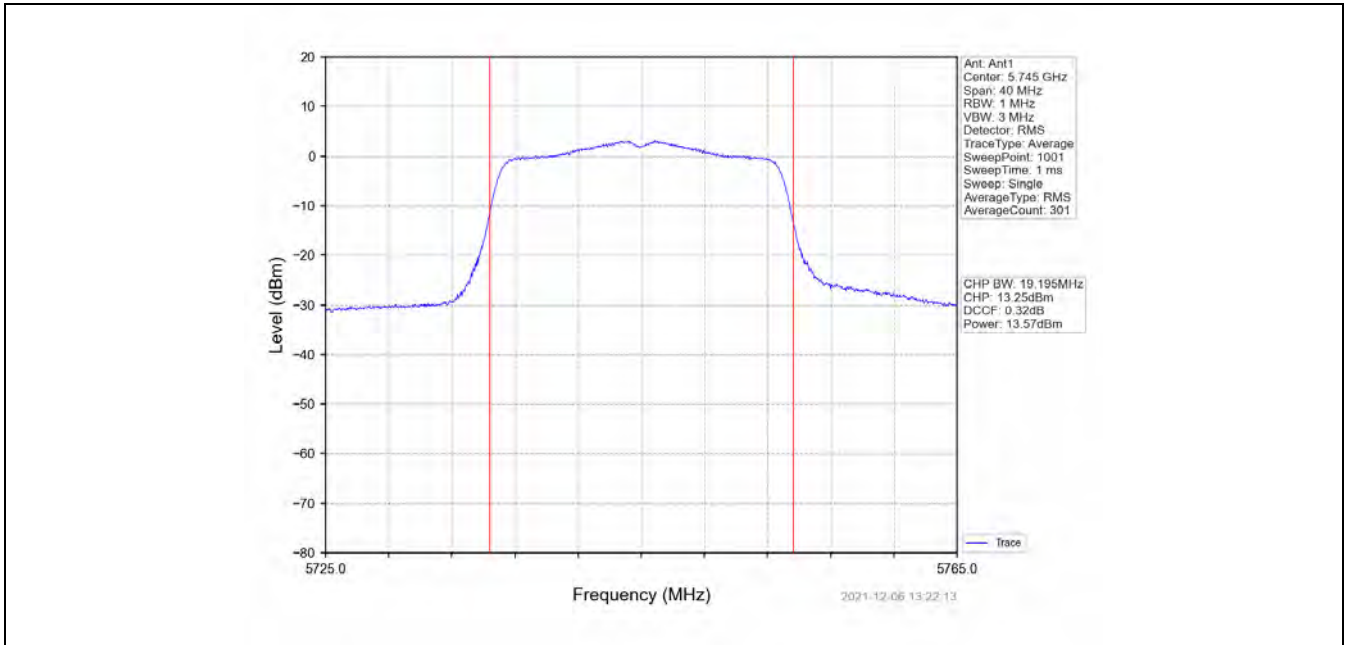


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

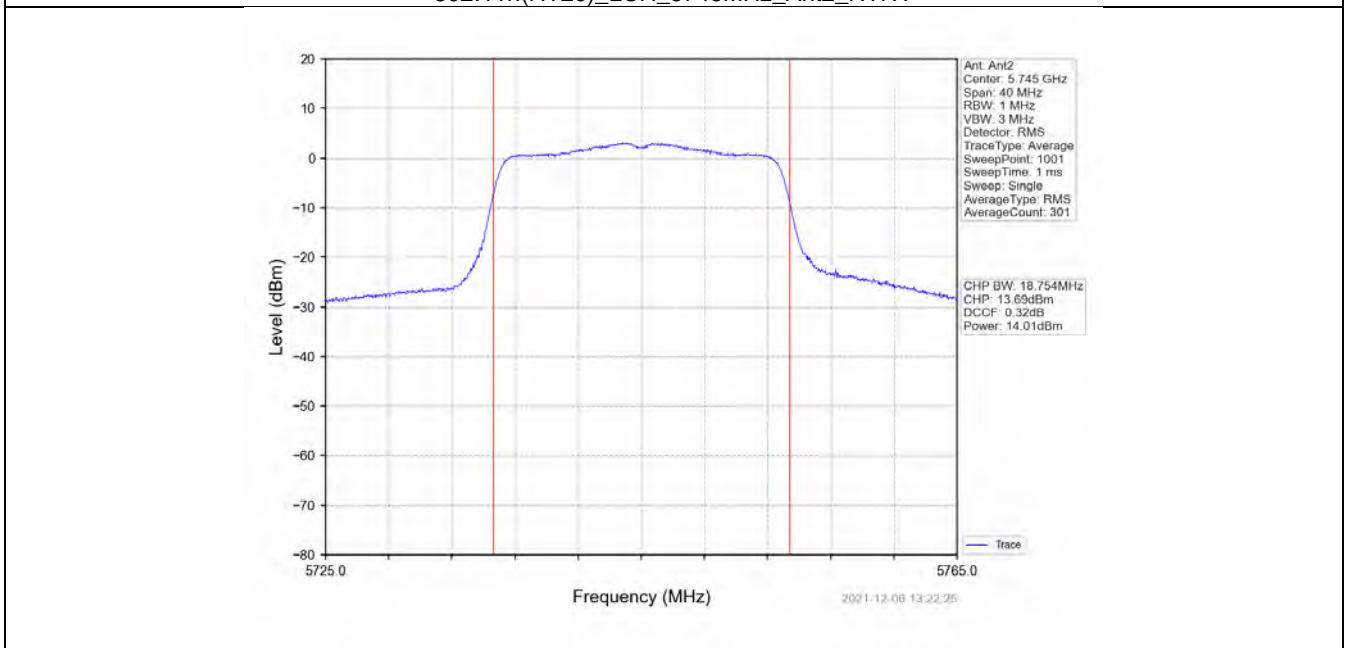


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802.11n(HT20)_LCH_5745MHz_Ant2_NTNV

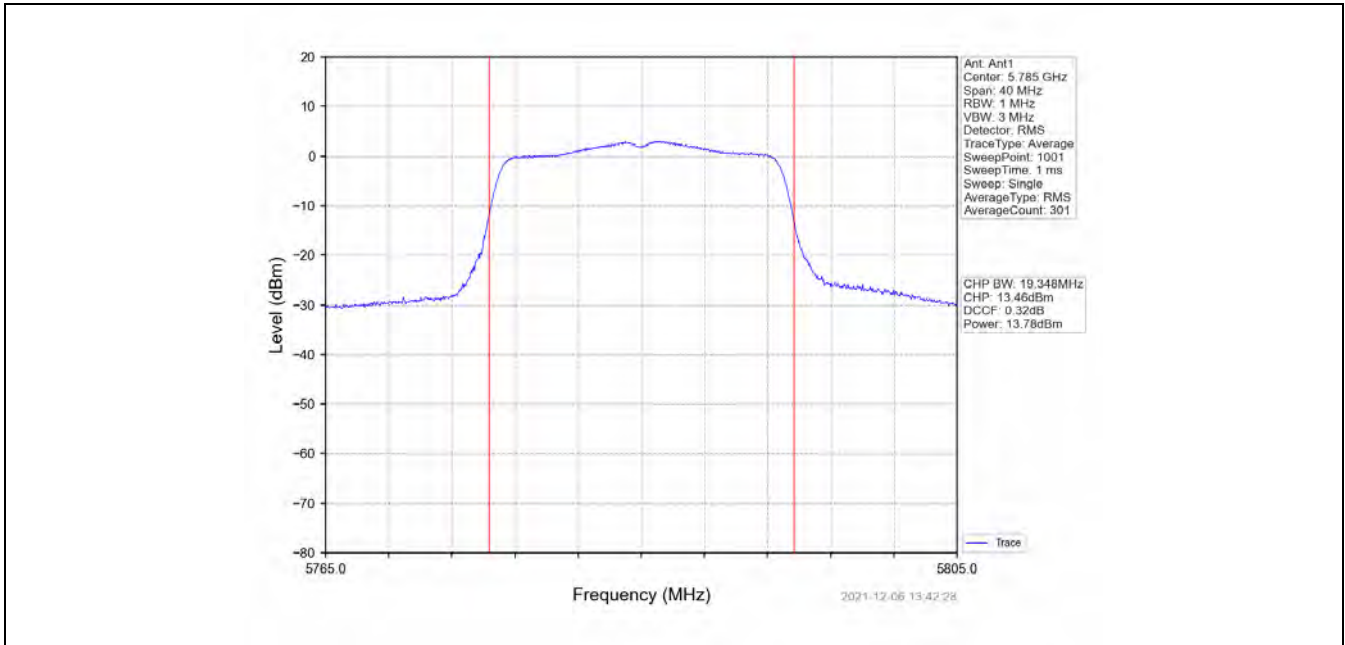


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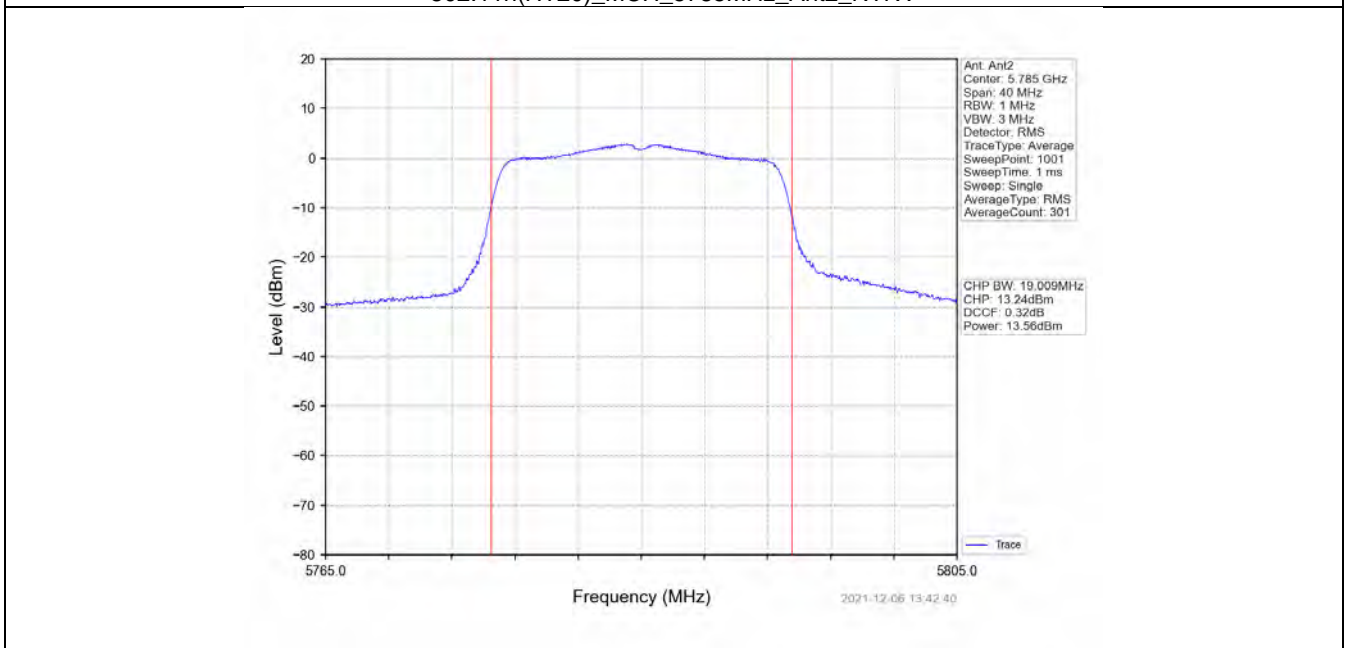


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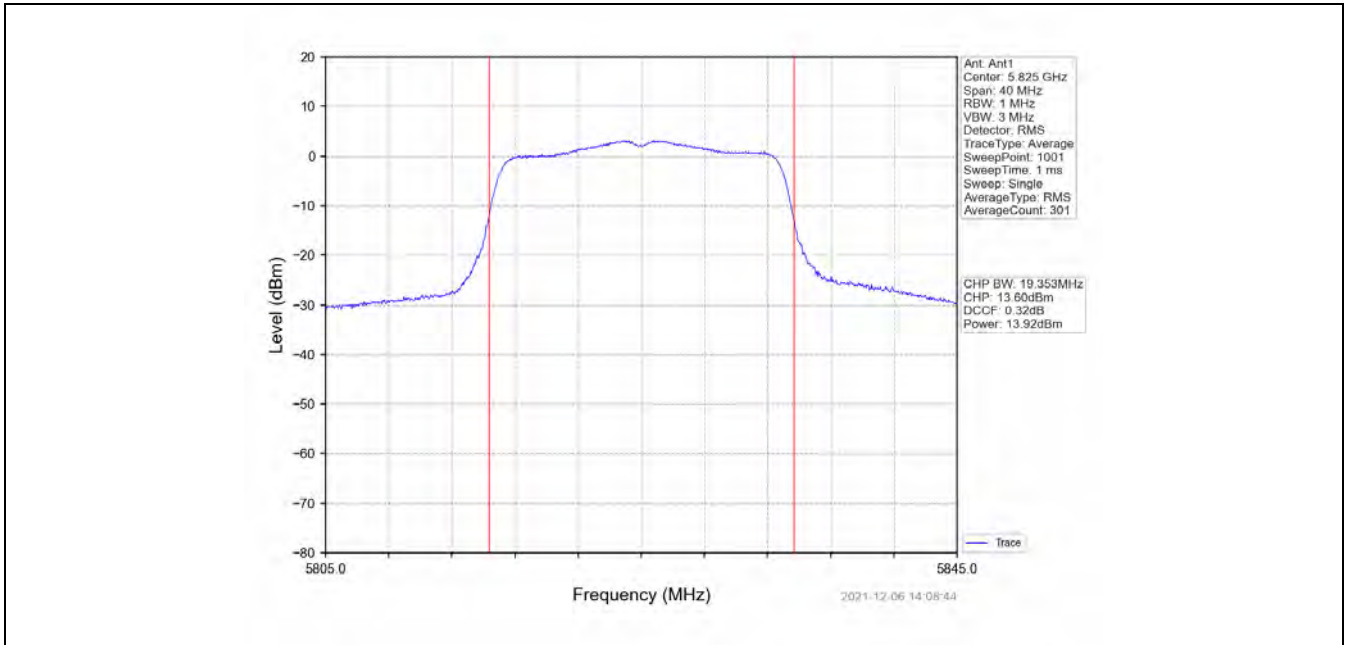


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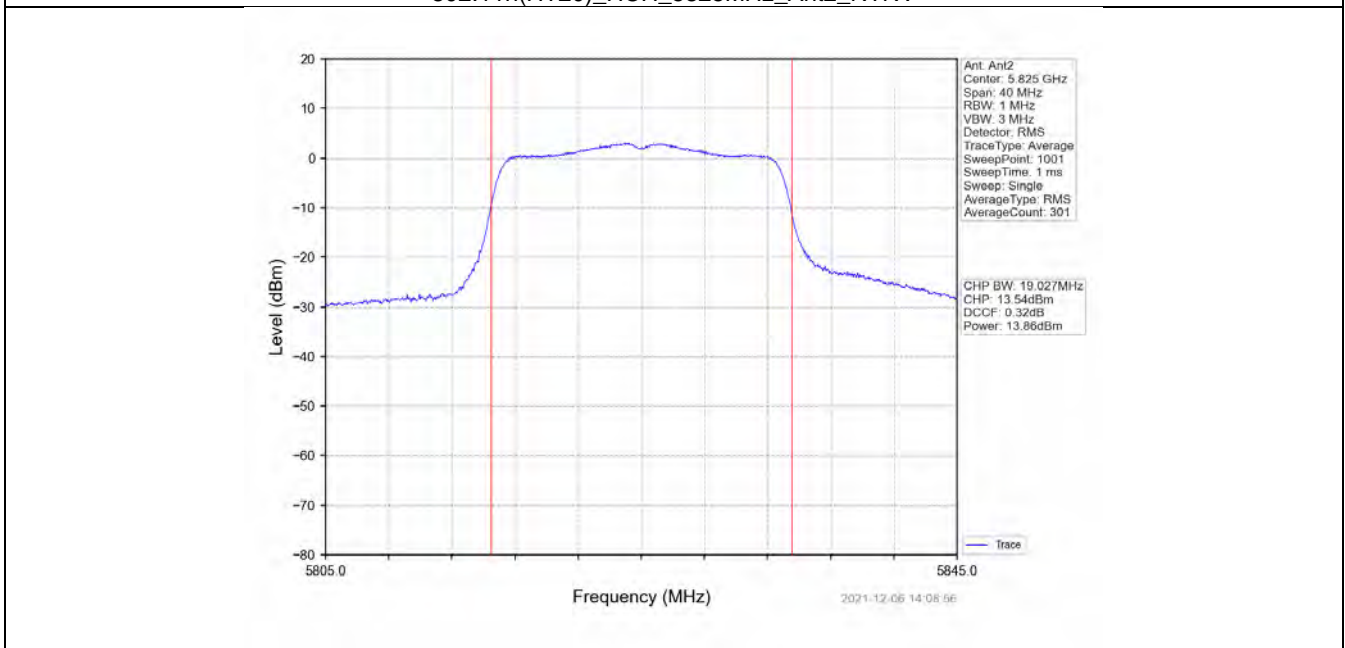


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802.11n(HT20)_HCH_5825MHz_Ant2_NTNV

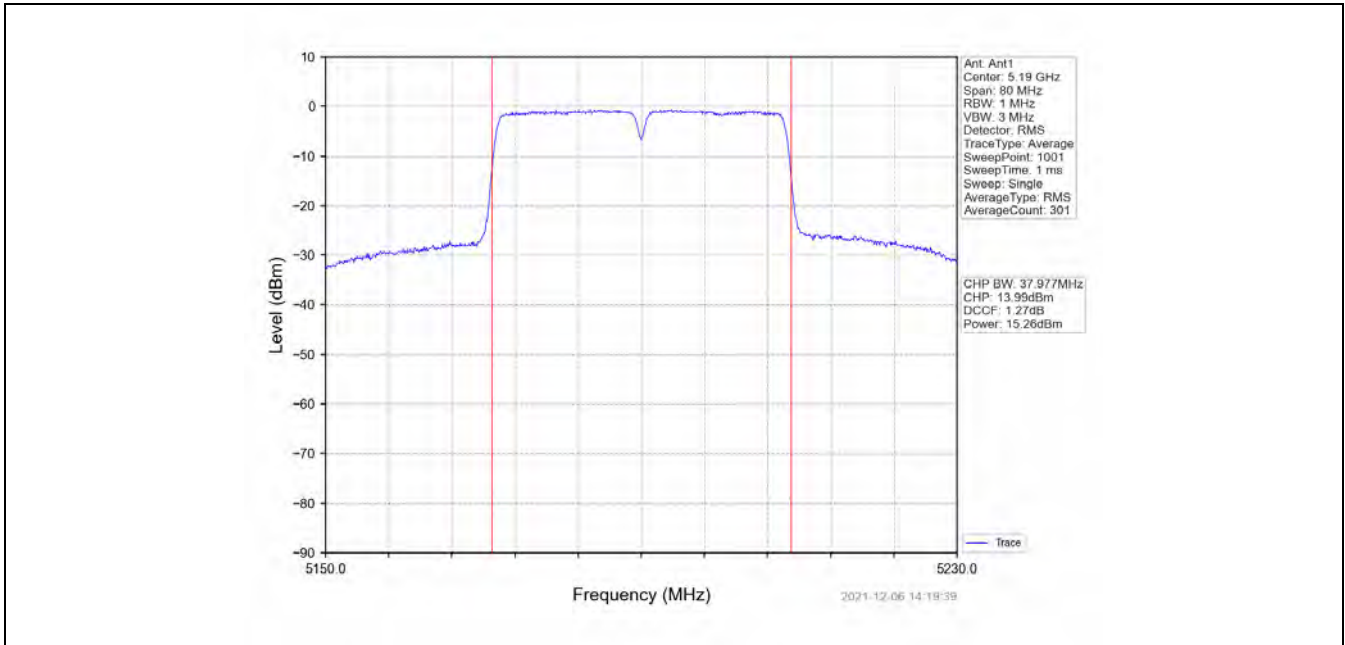


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

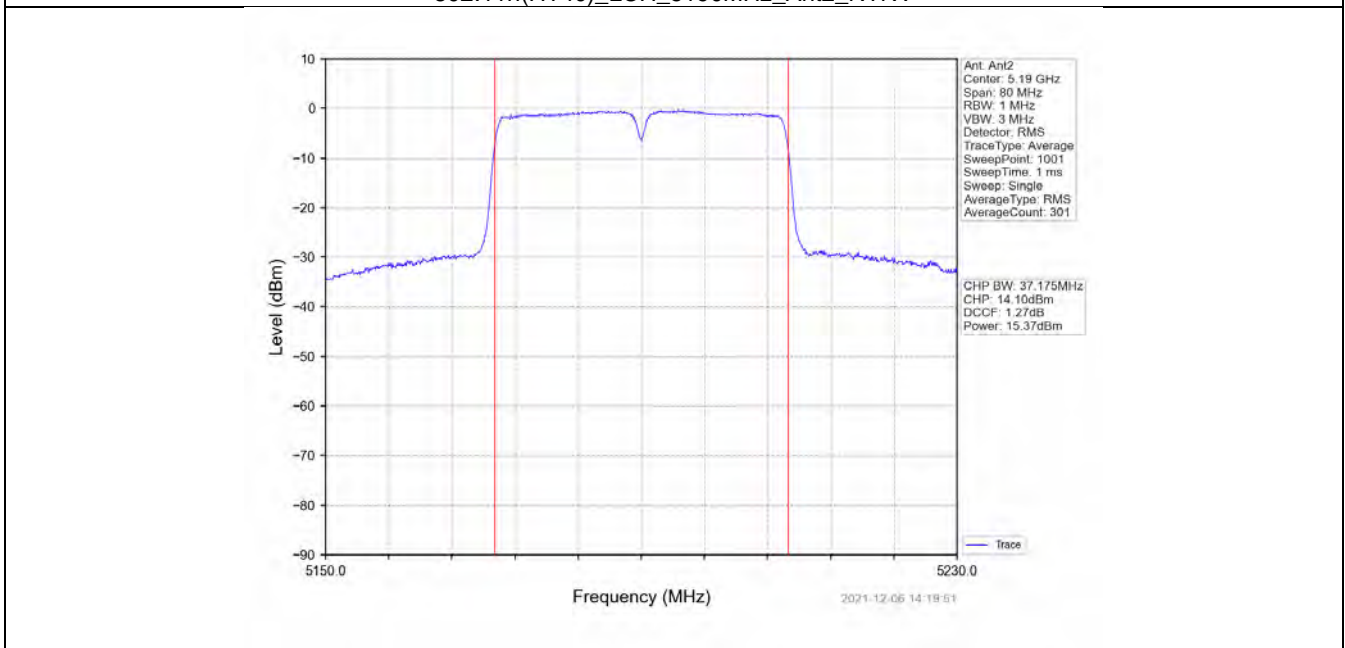


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802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

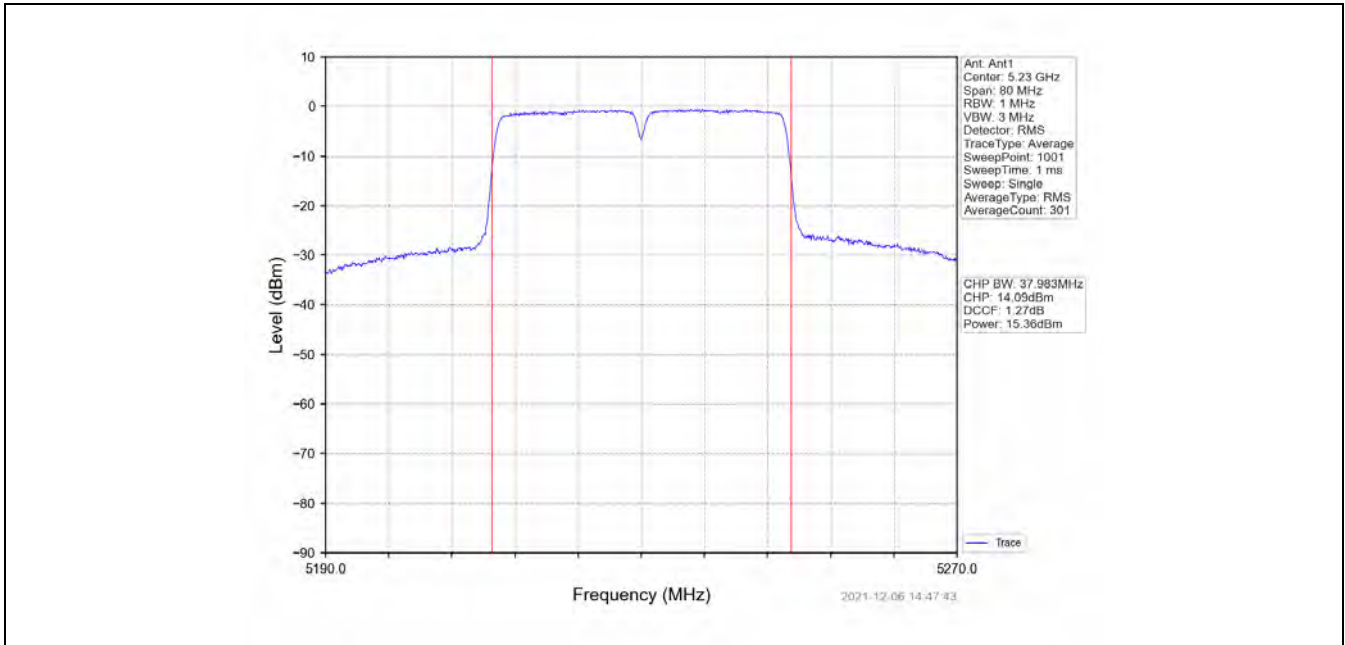


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

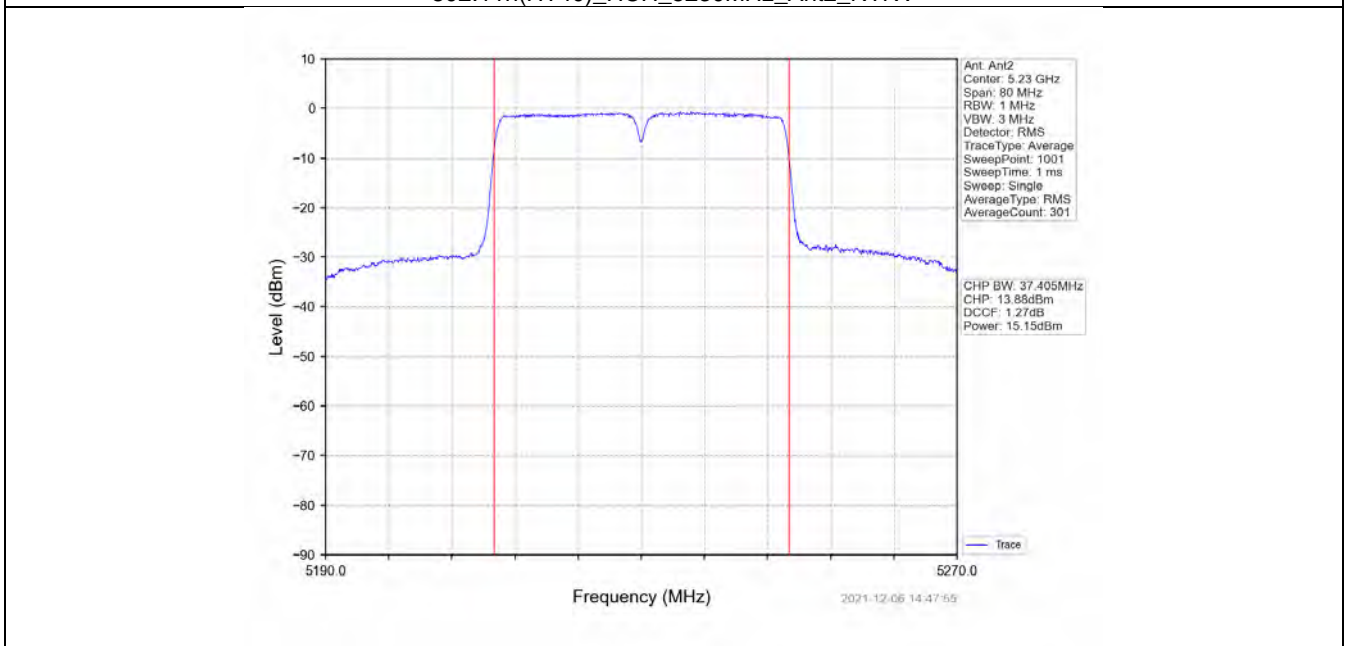


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802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

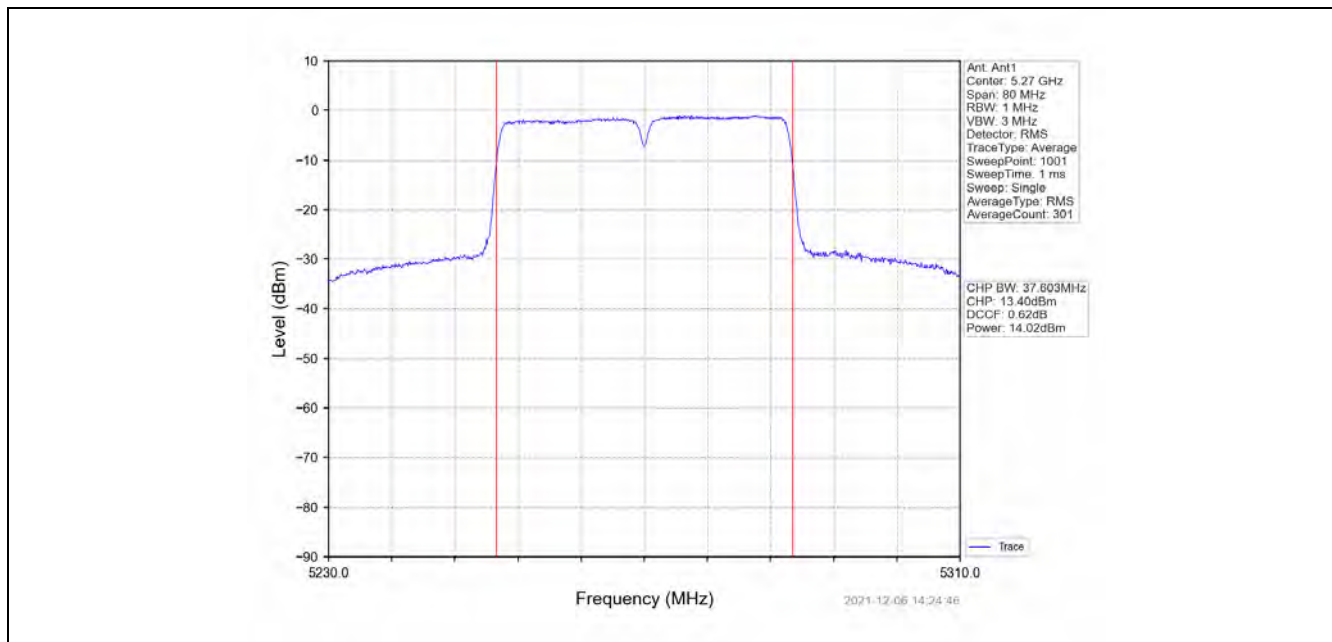


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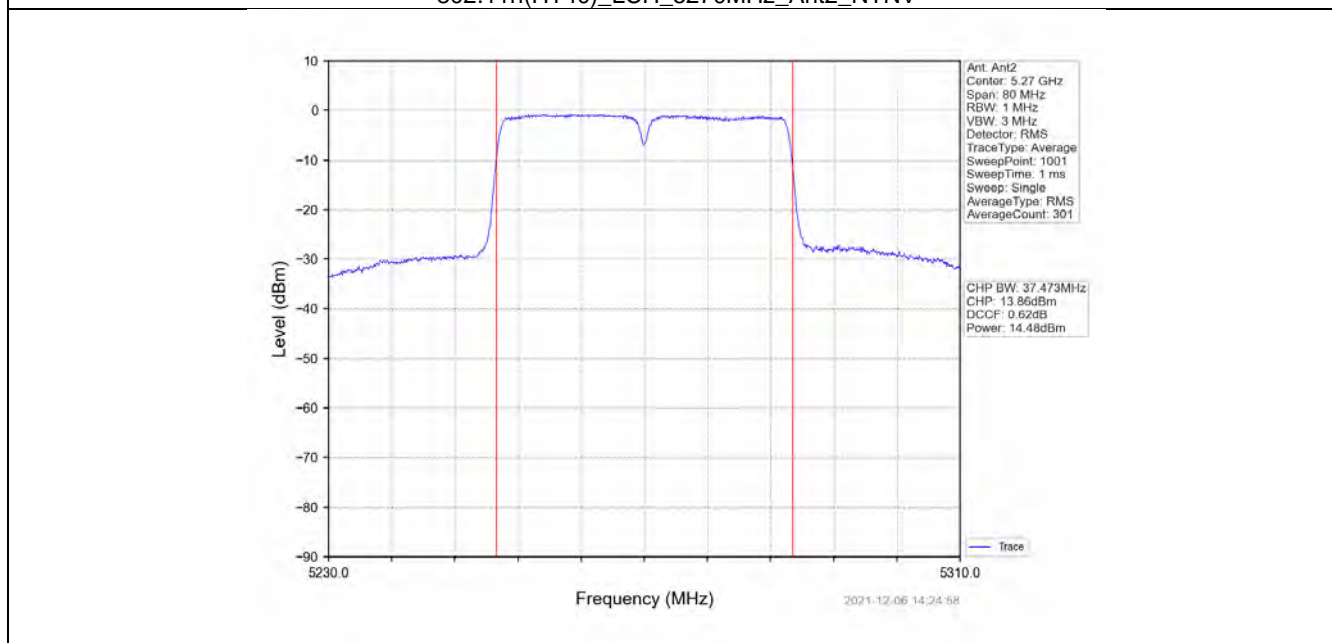


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802.11n(HT40)_LCH_5270MHz_Ant2_NTNV

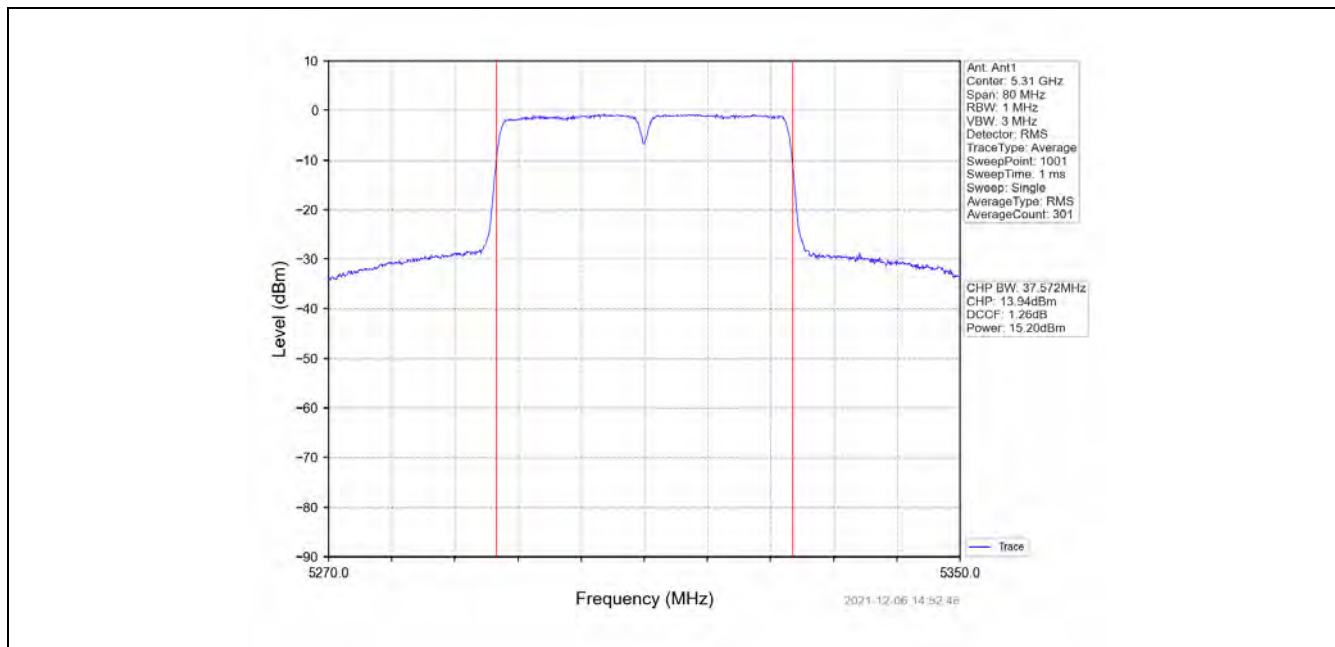


802.11n(HT40)_HCH_5310MHz_Ant1_NTNV

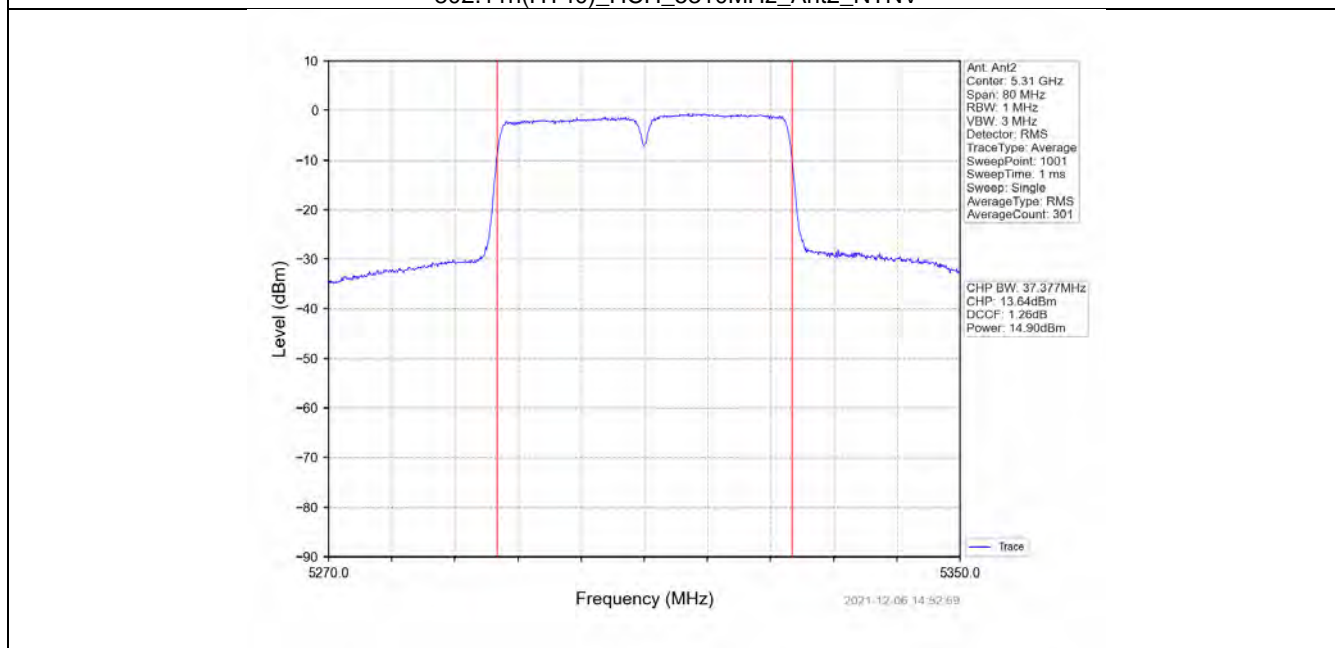


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802.11n(HT40)_HCH_5310MHz_Ant2_NTNV

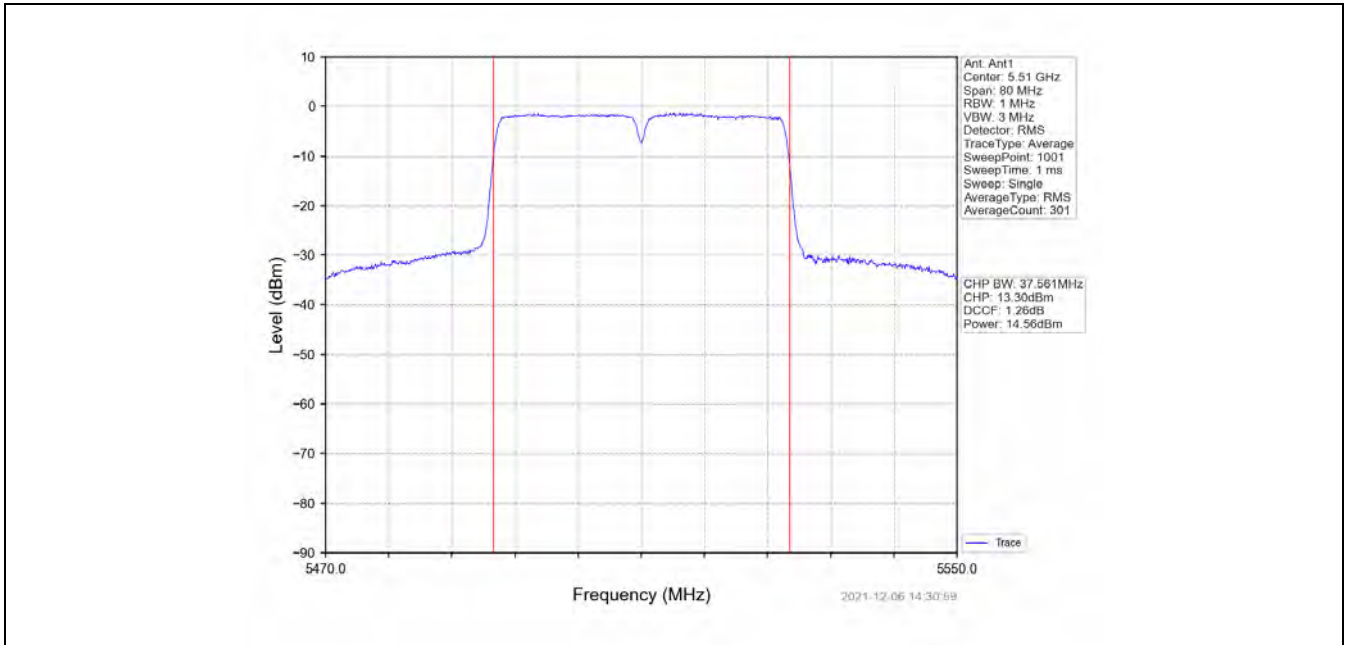


802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

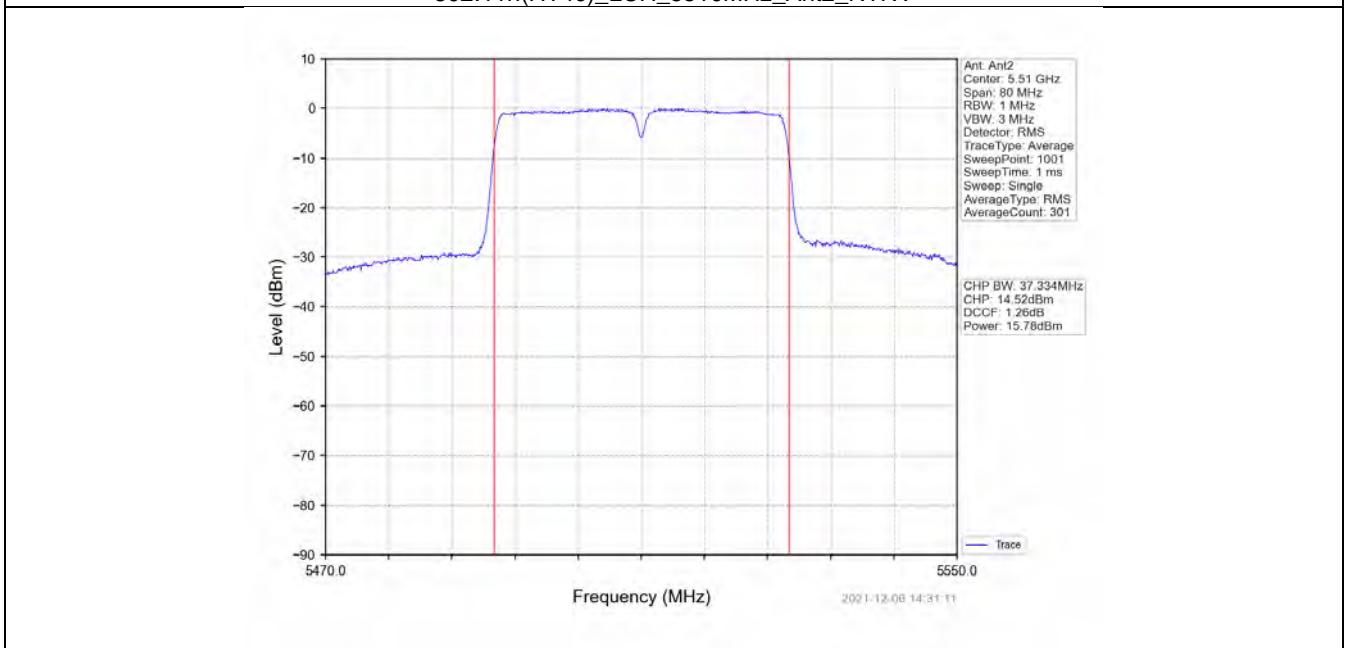


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802.11n(HT40)_LCH_5510MHz_Ant2_NTNV

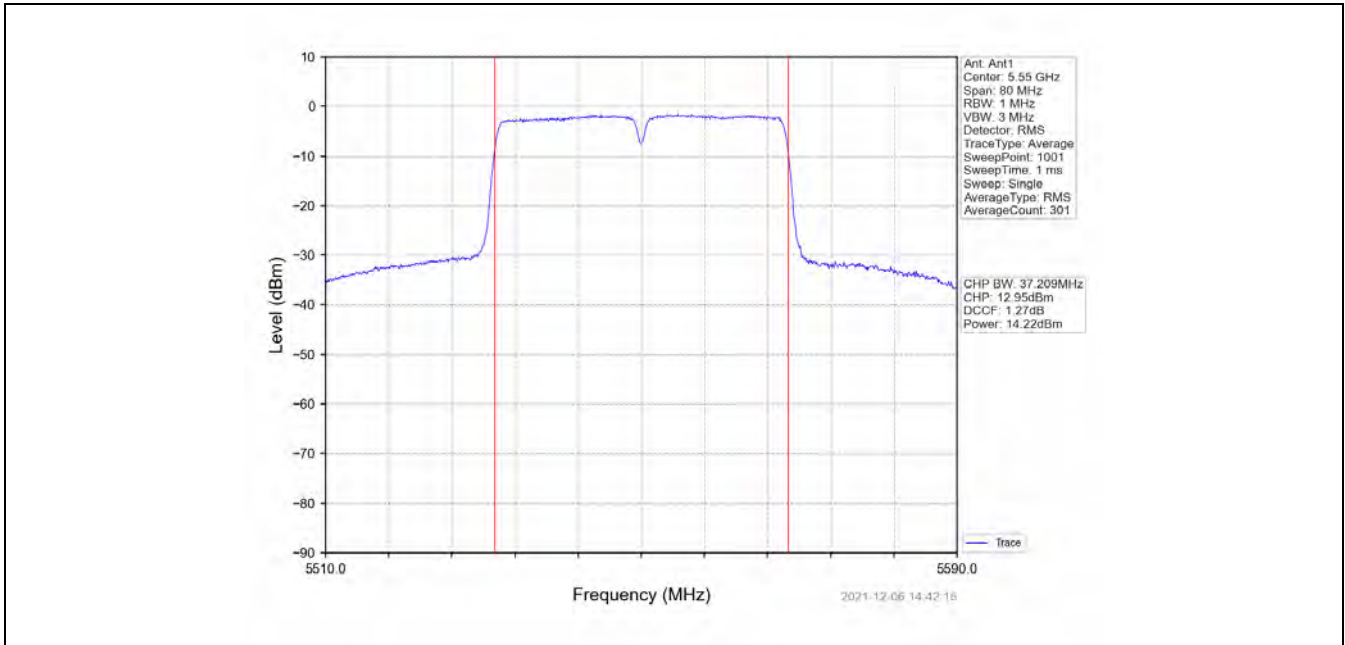


802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

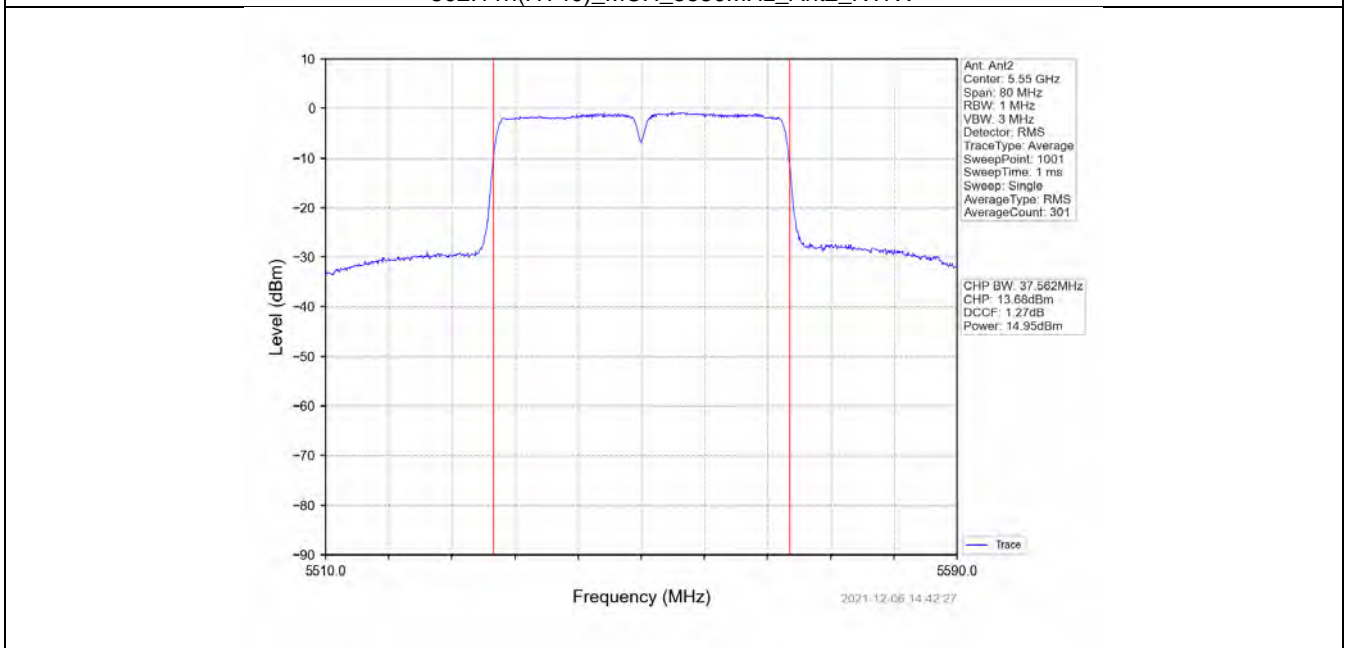


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802.11n(HT40)_MCH_5550MHz_Ant2_NTNV

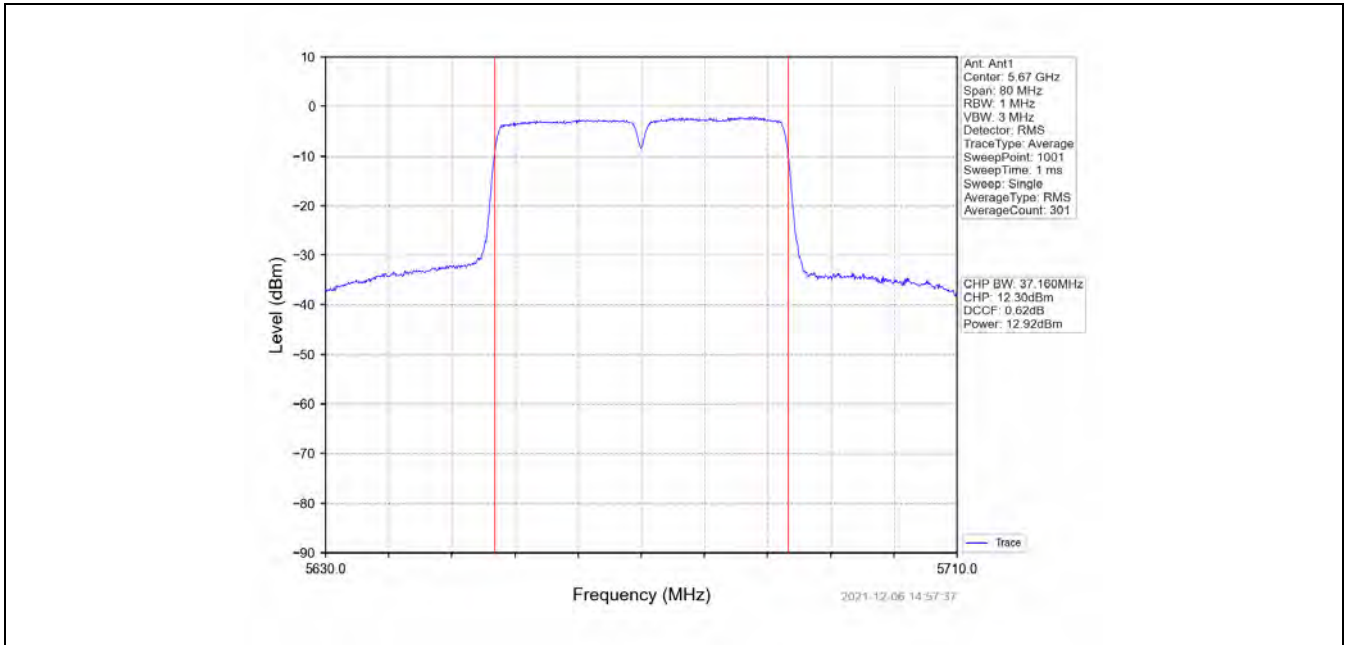


802.11n(HT40)_HCH_5670MHz_Ant1_NTNV

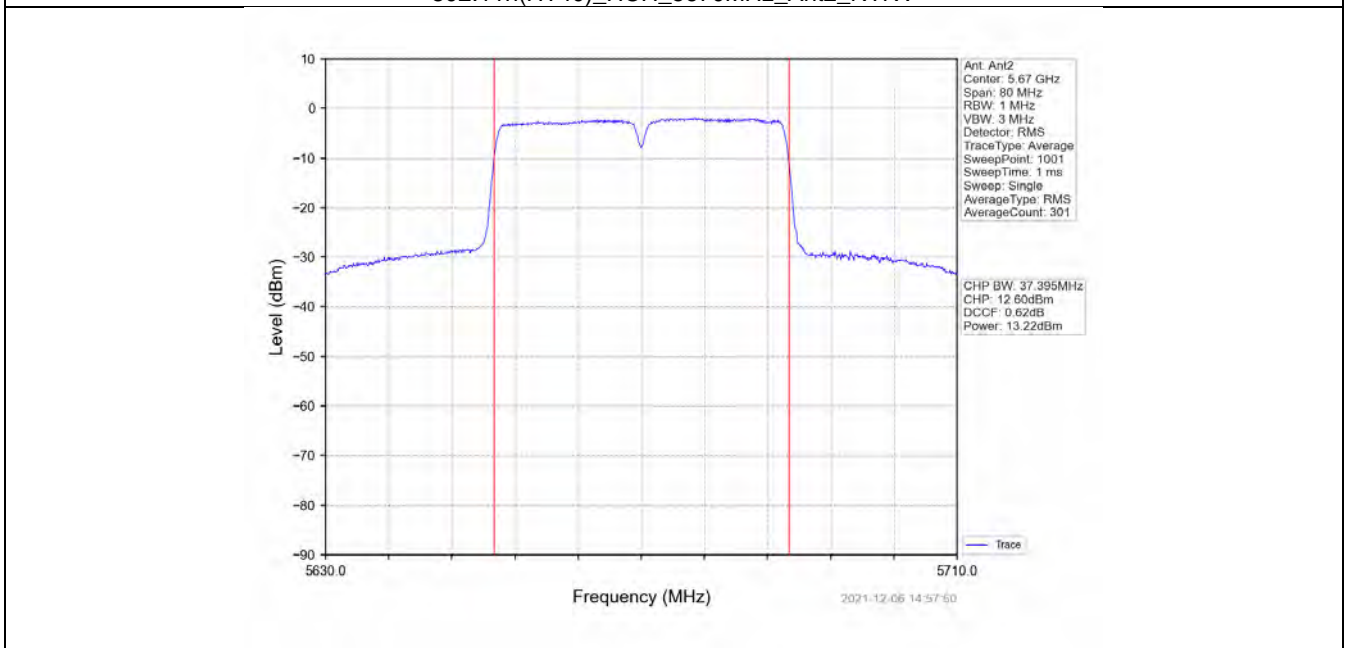


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802.11n(HT40)_HCH_5670MHz_Ant2_NTNV

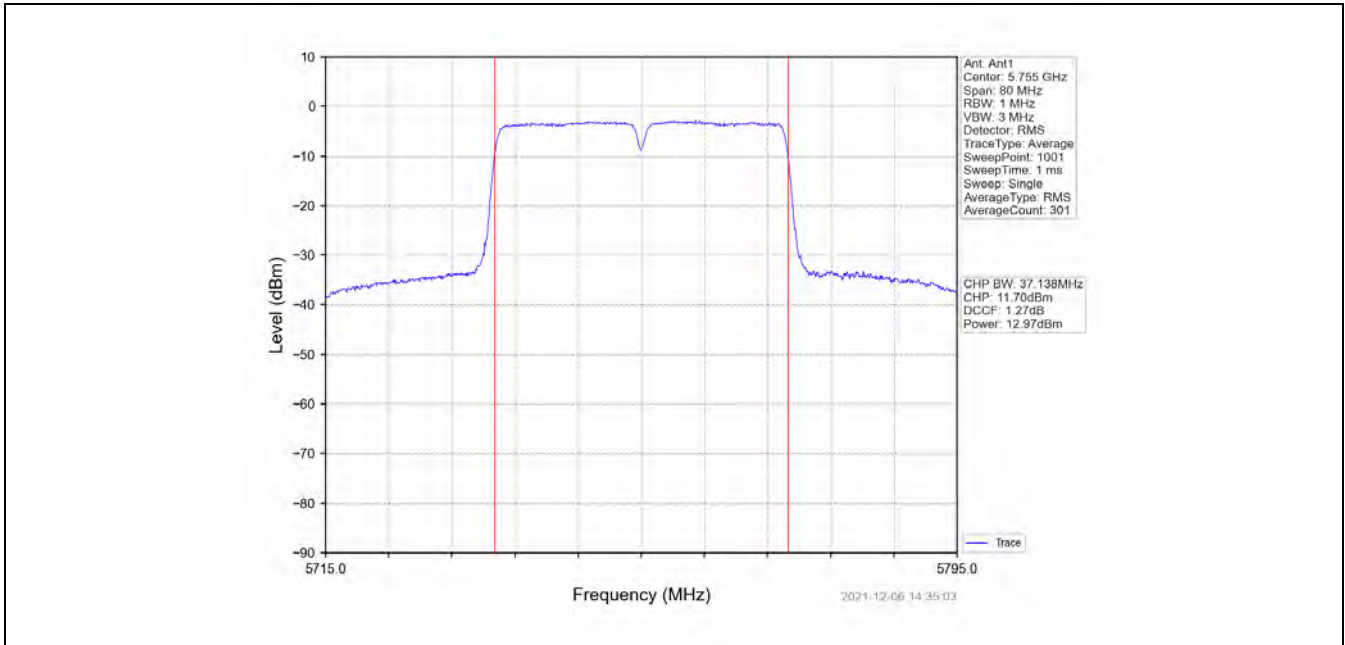


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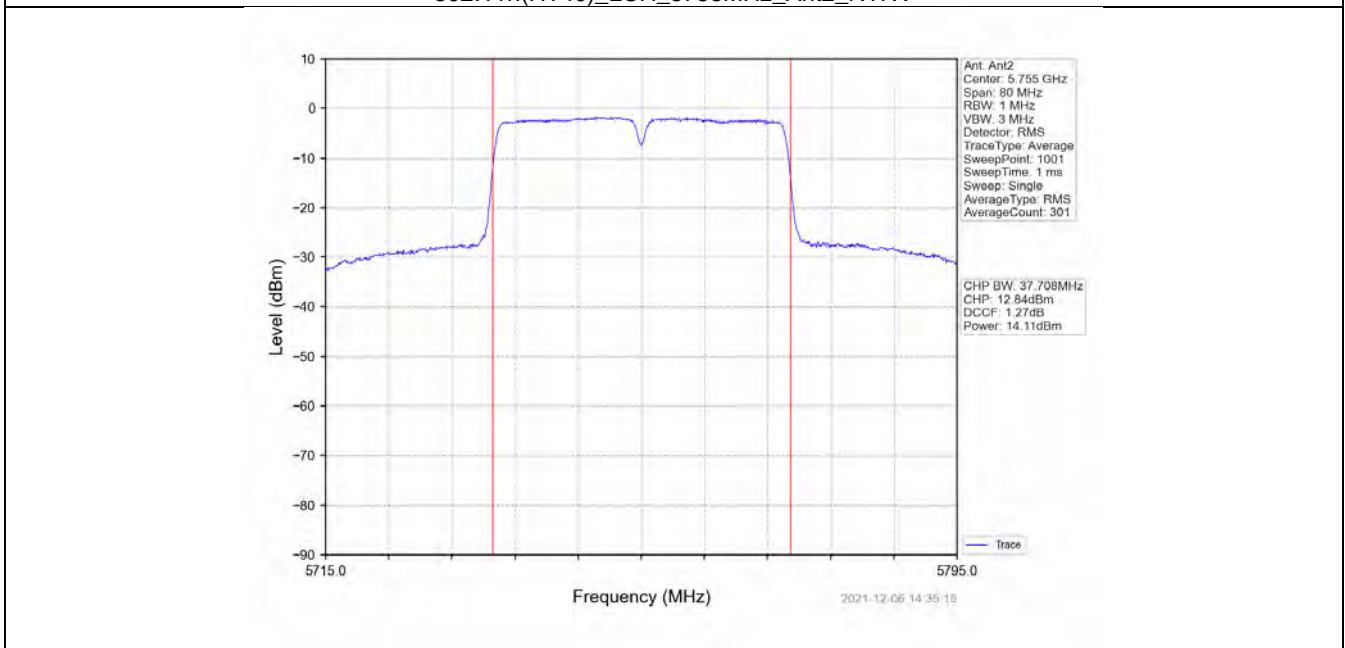


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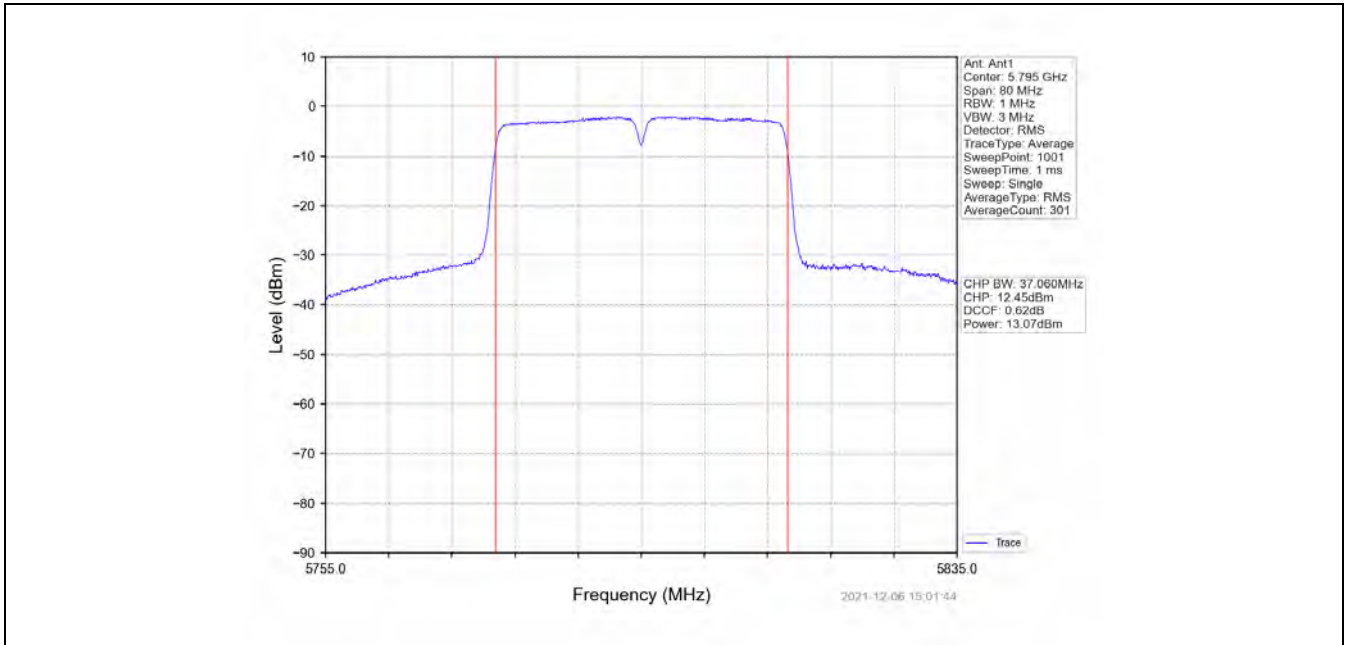
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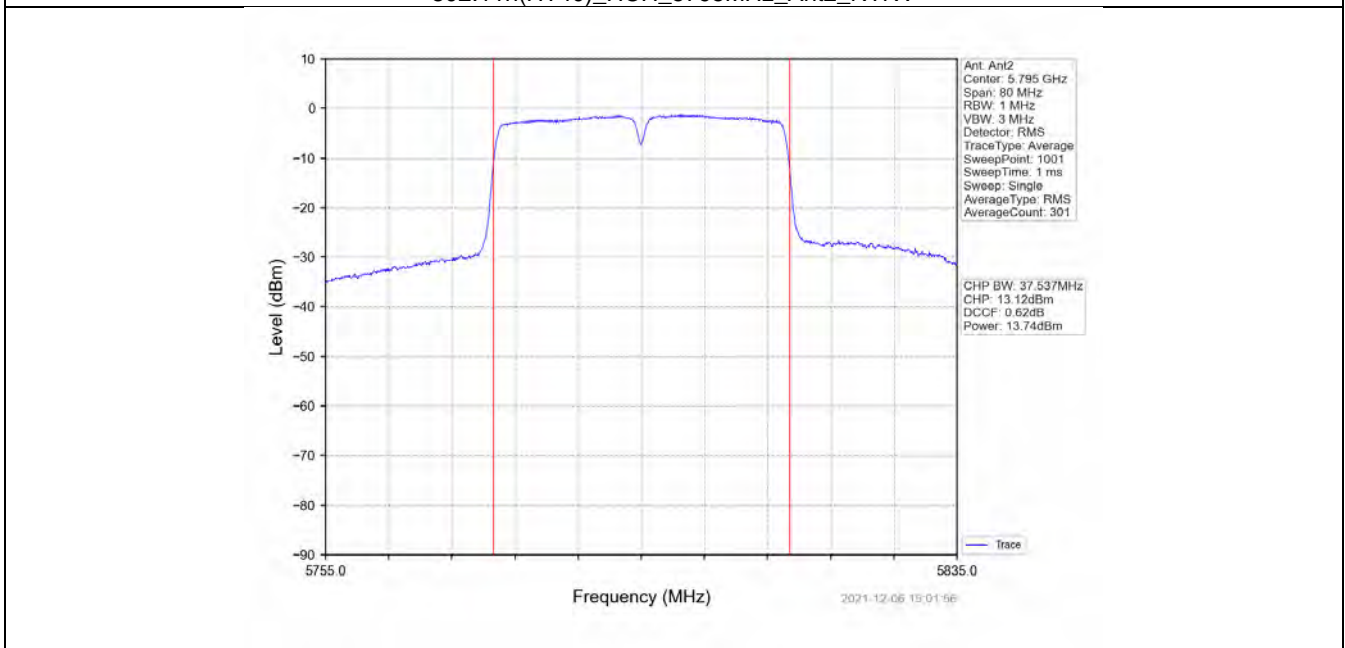
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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802.11n(HT40)_HCH_5795MHz_Ant2_NTNV

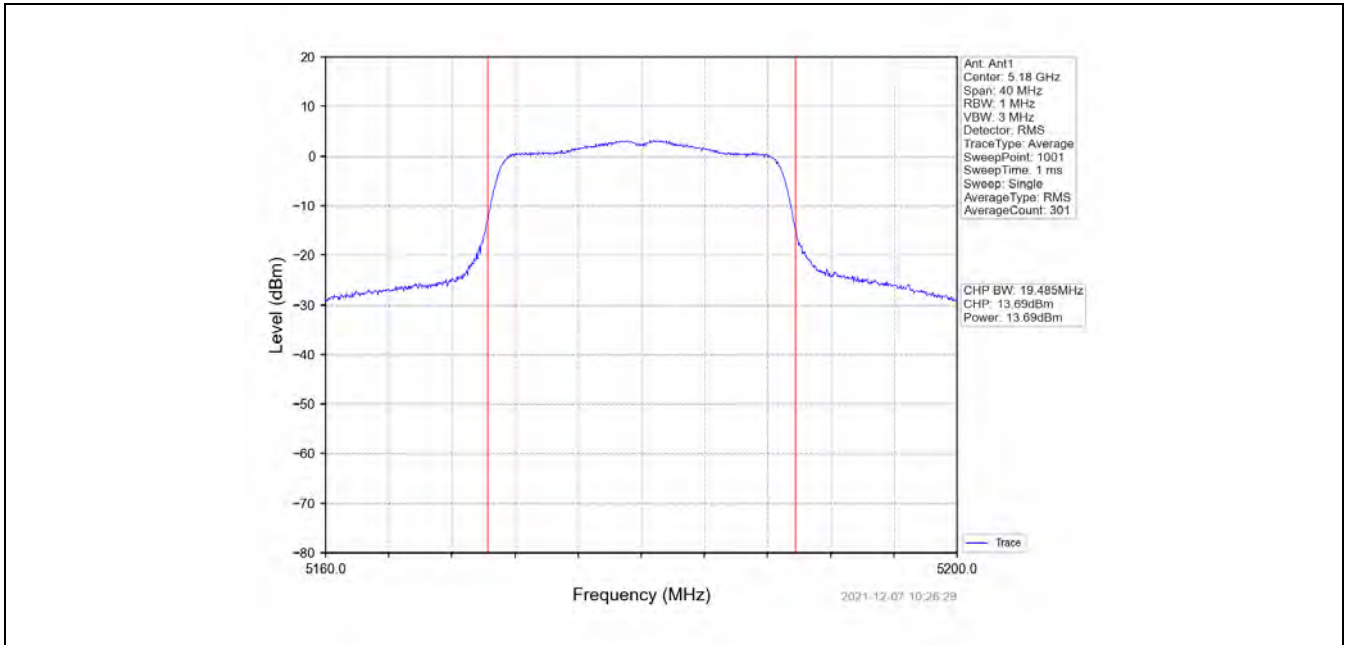


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

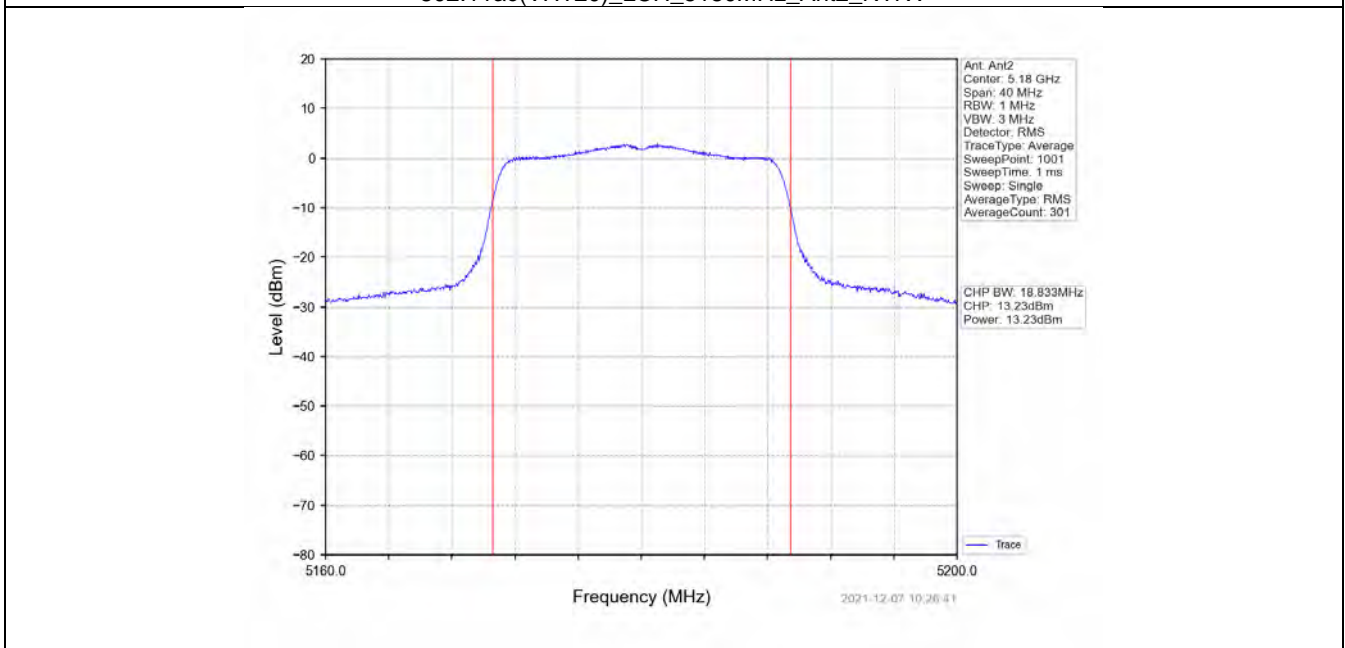


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802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

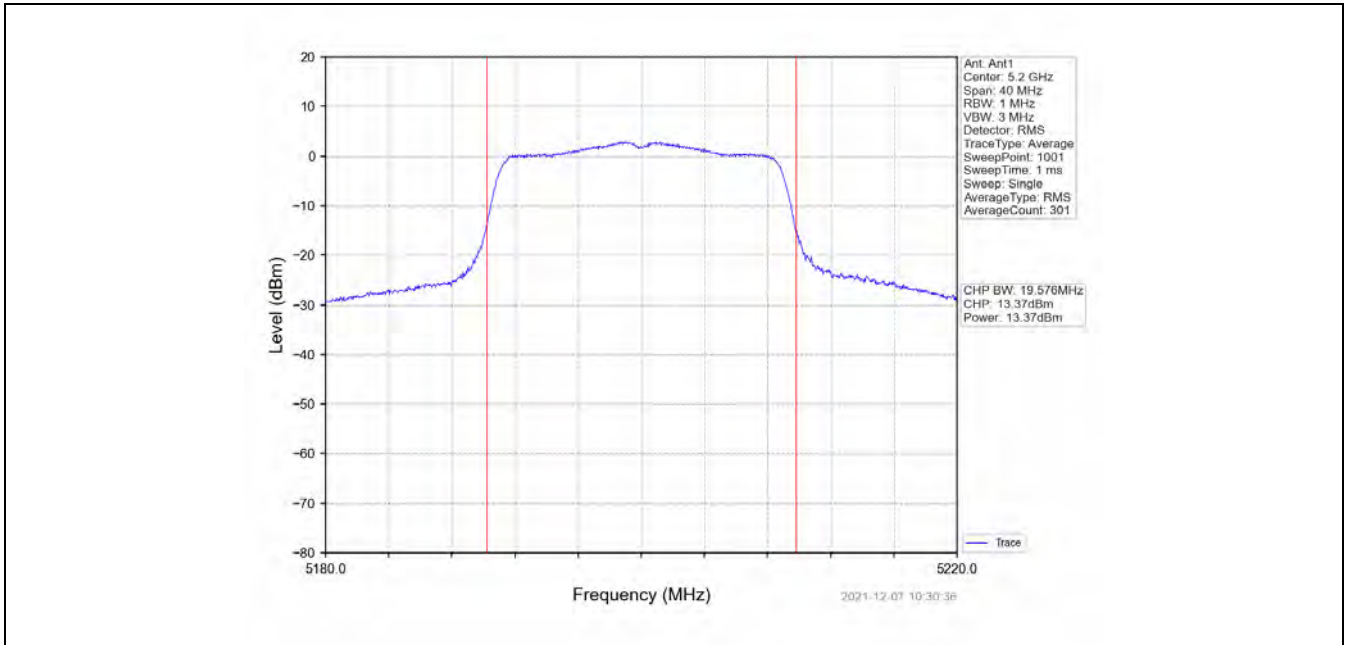


802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

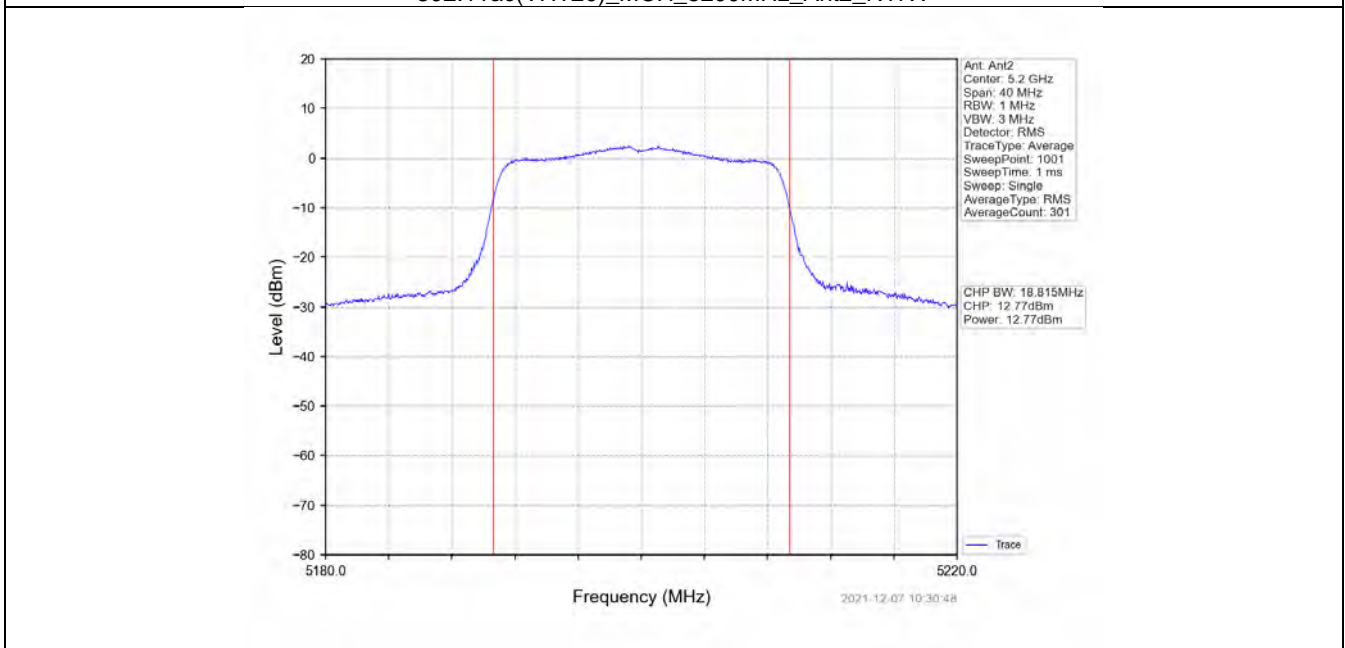


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802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

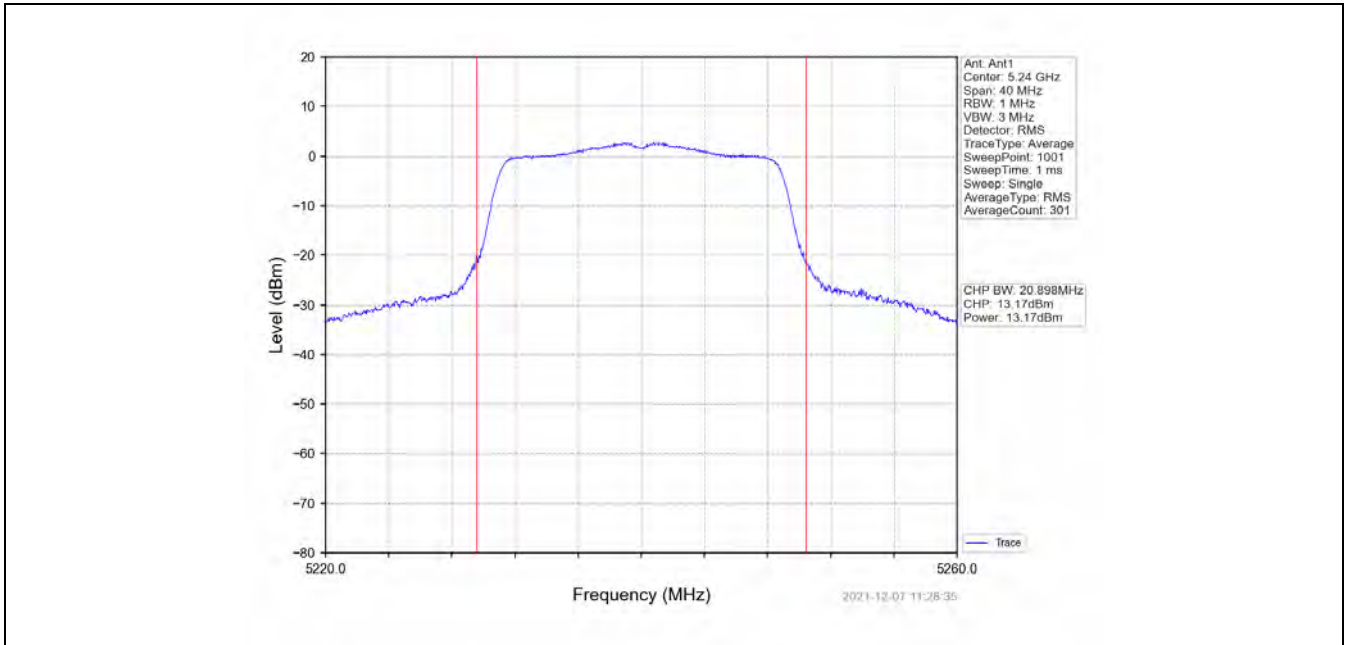


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

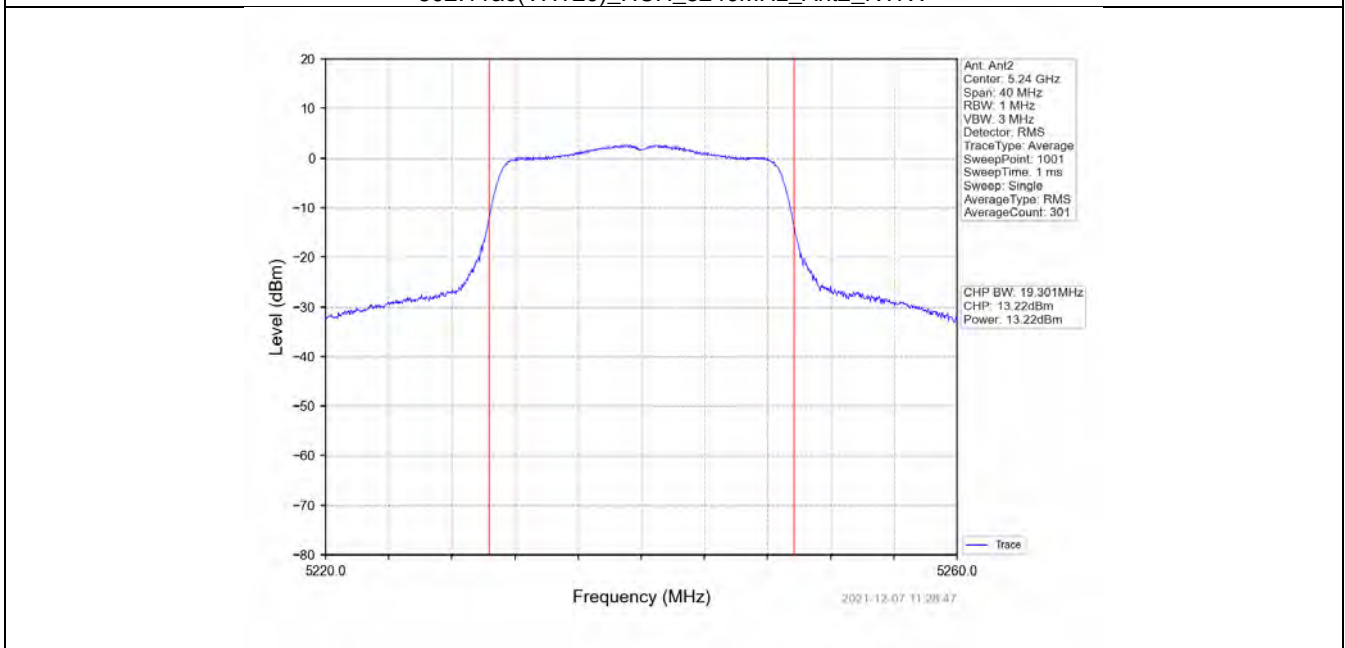


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802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

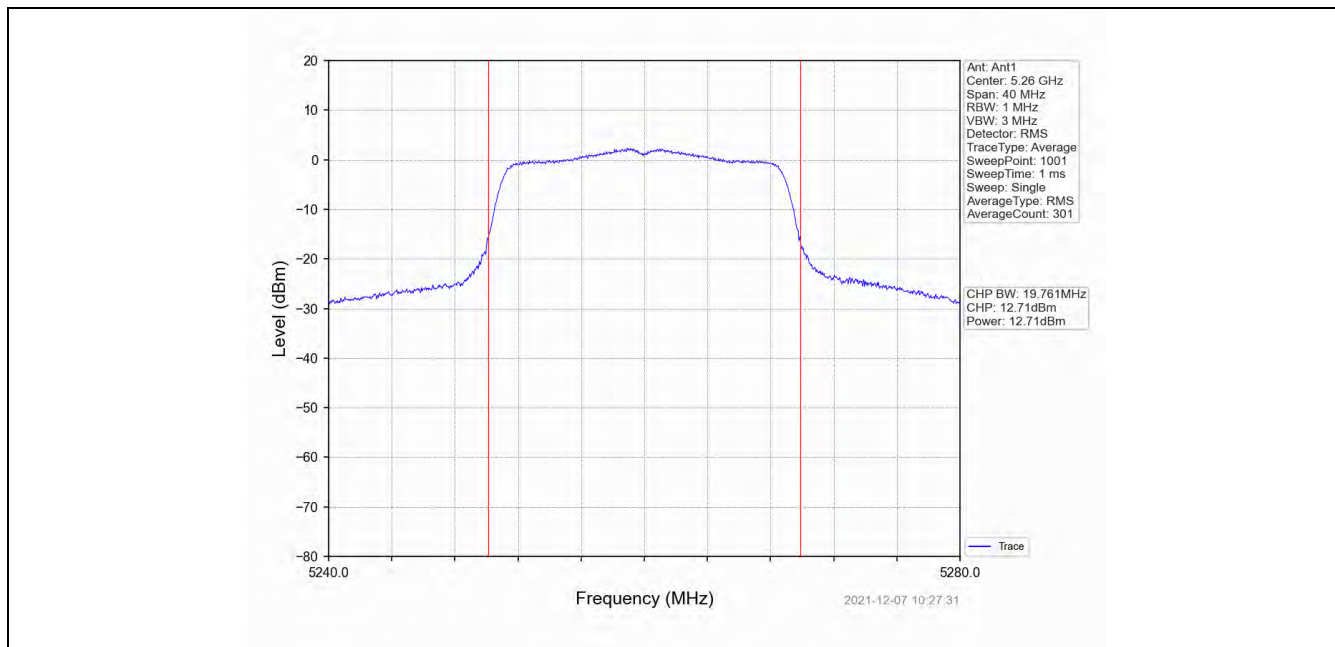


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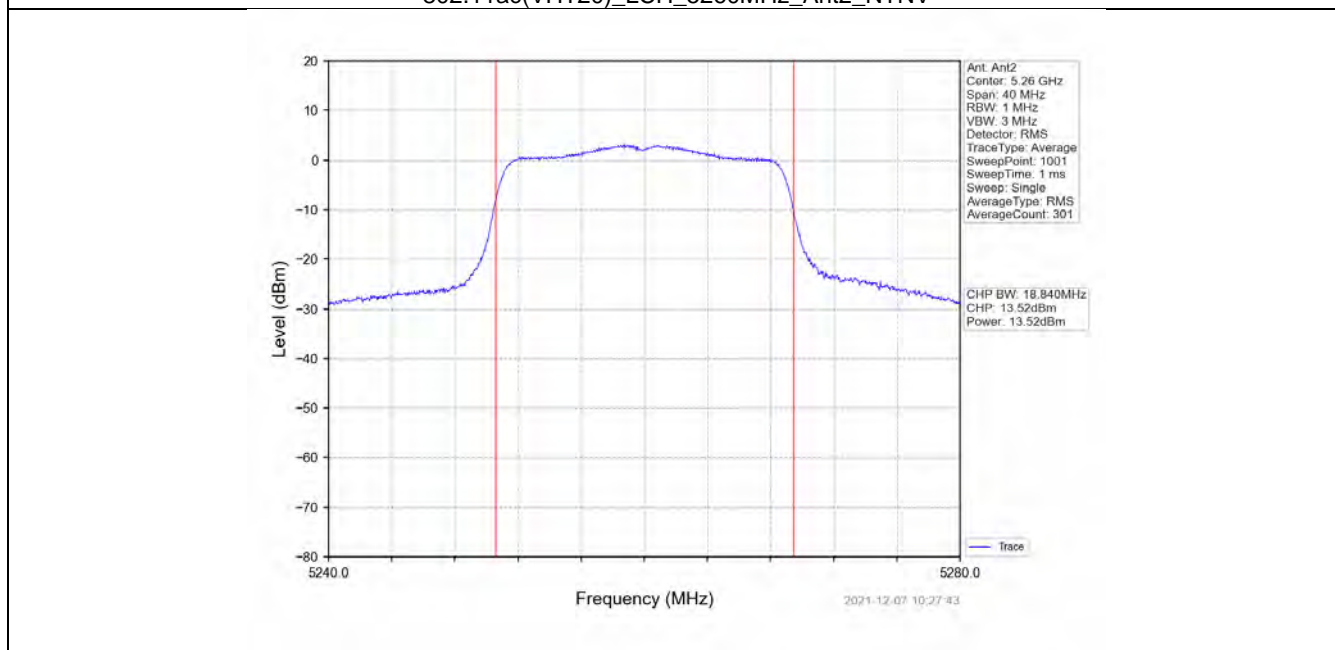


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802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV

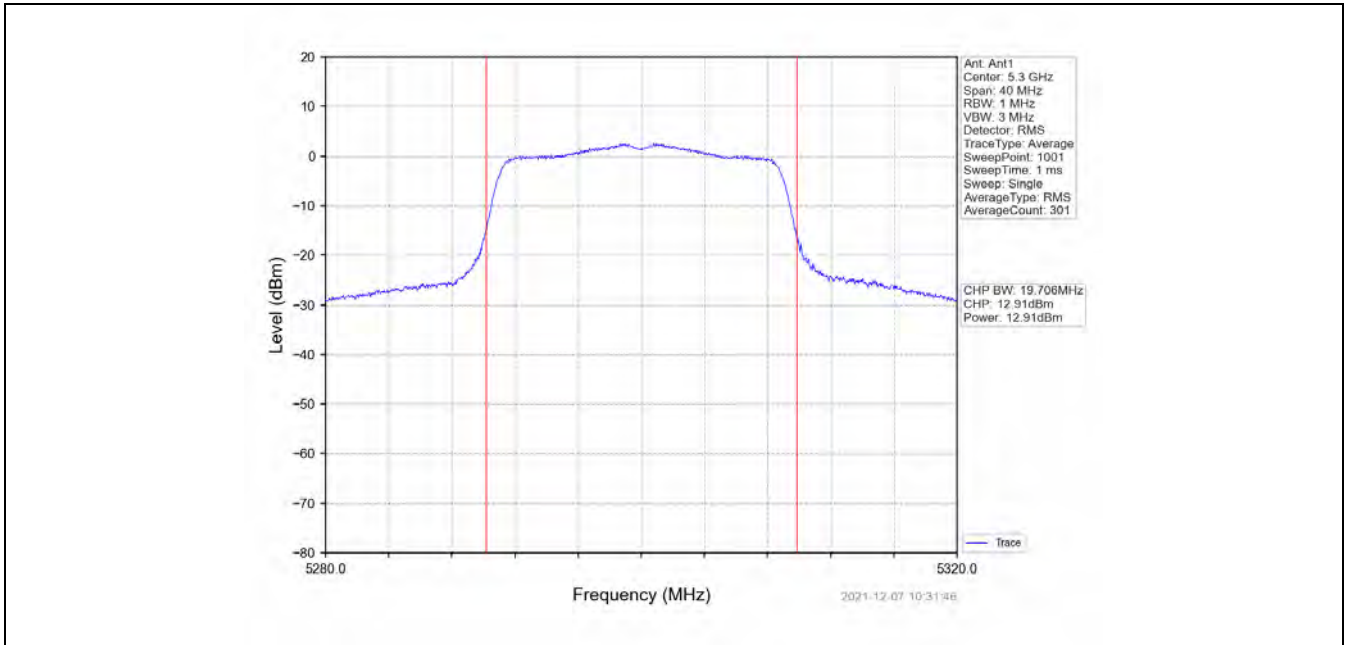


802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV

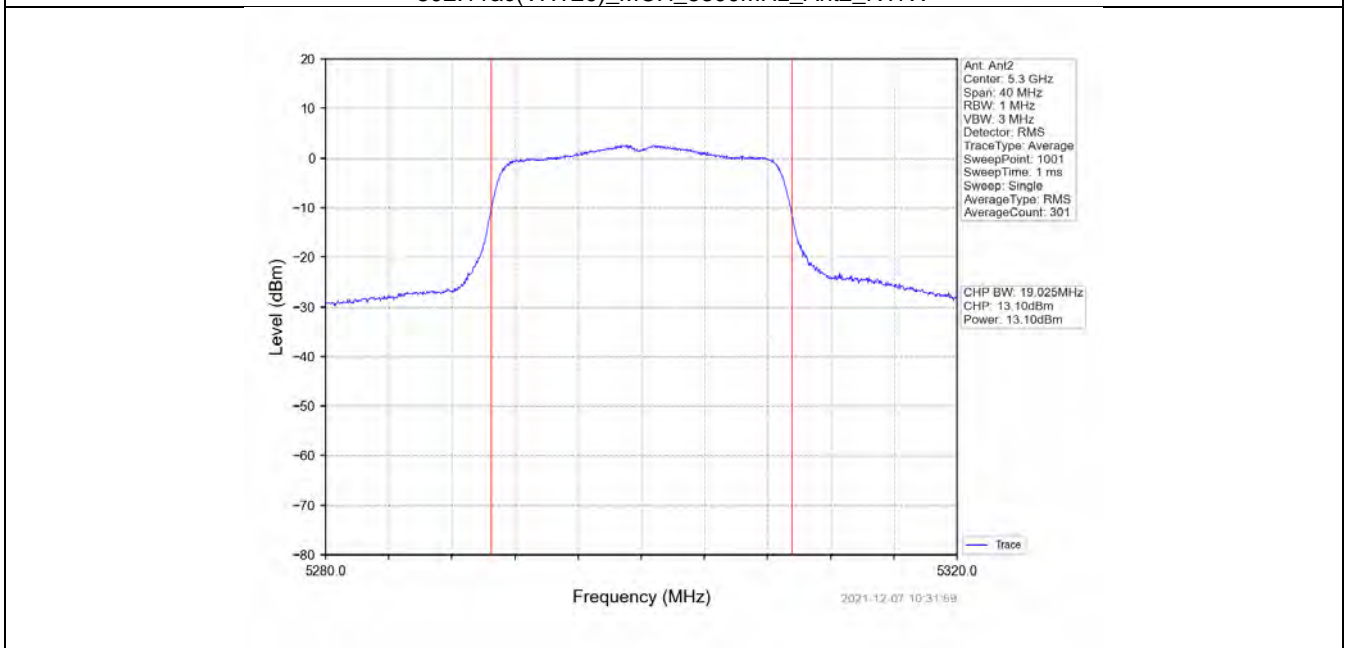


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802.11ac(VHT20)_MCH_5300MHz_Ant2_NTNV



802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV

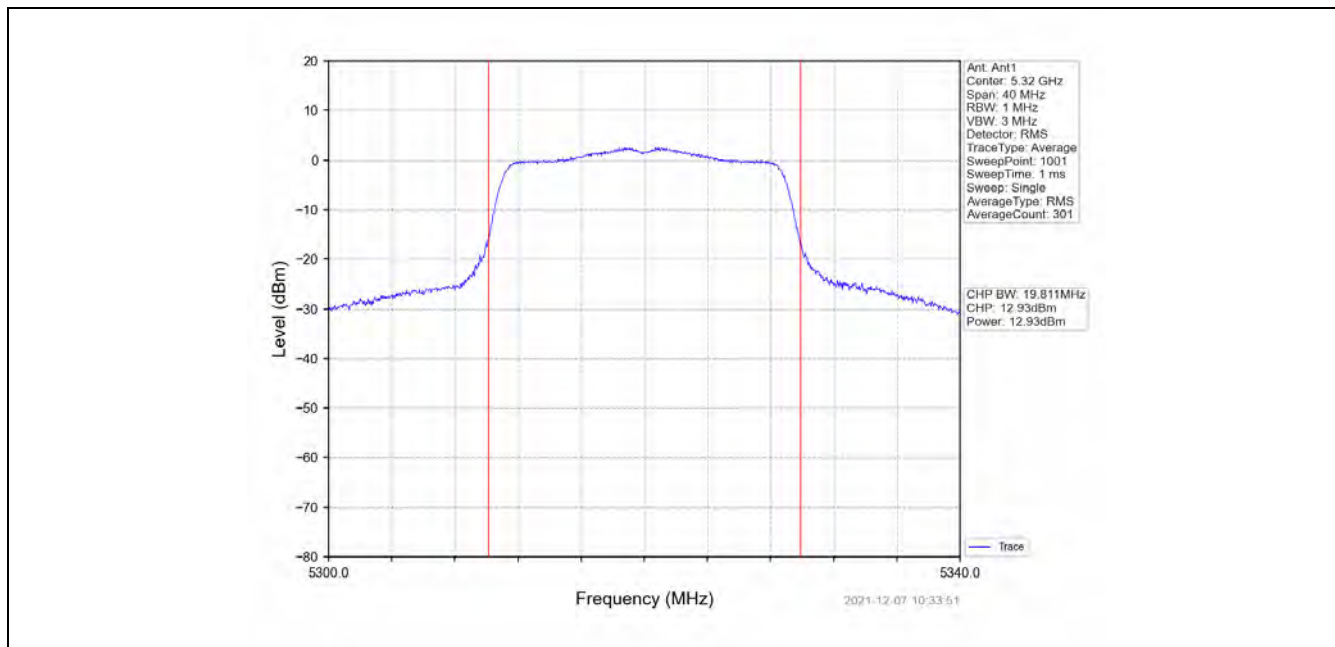


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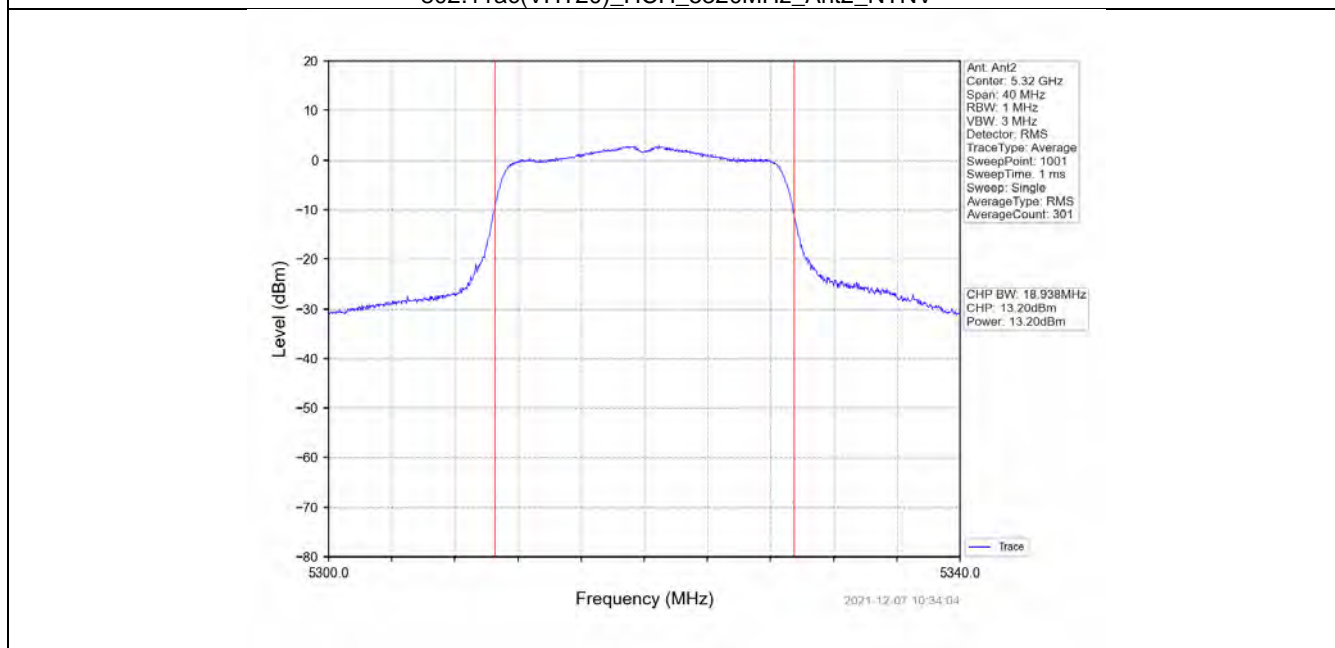
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802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV

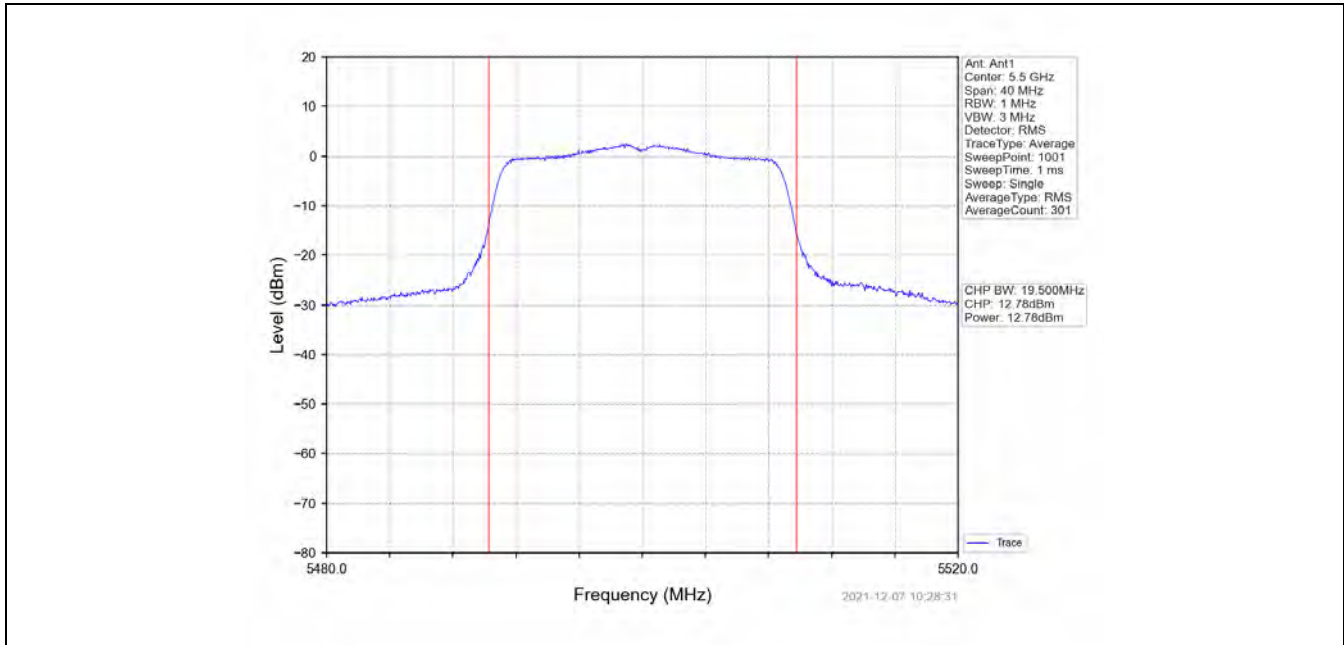


802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

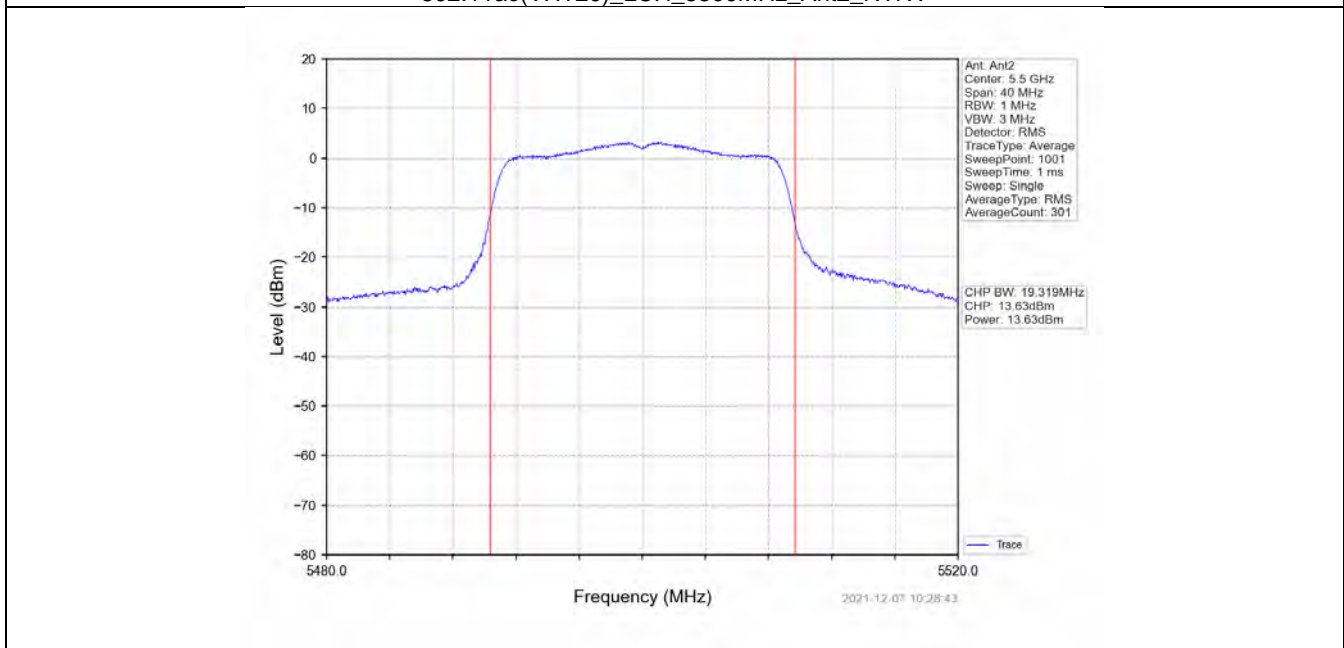


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802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV

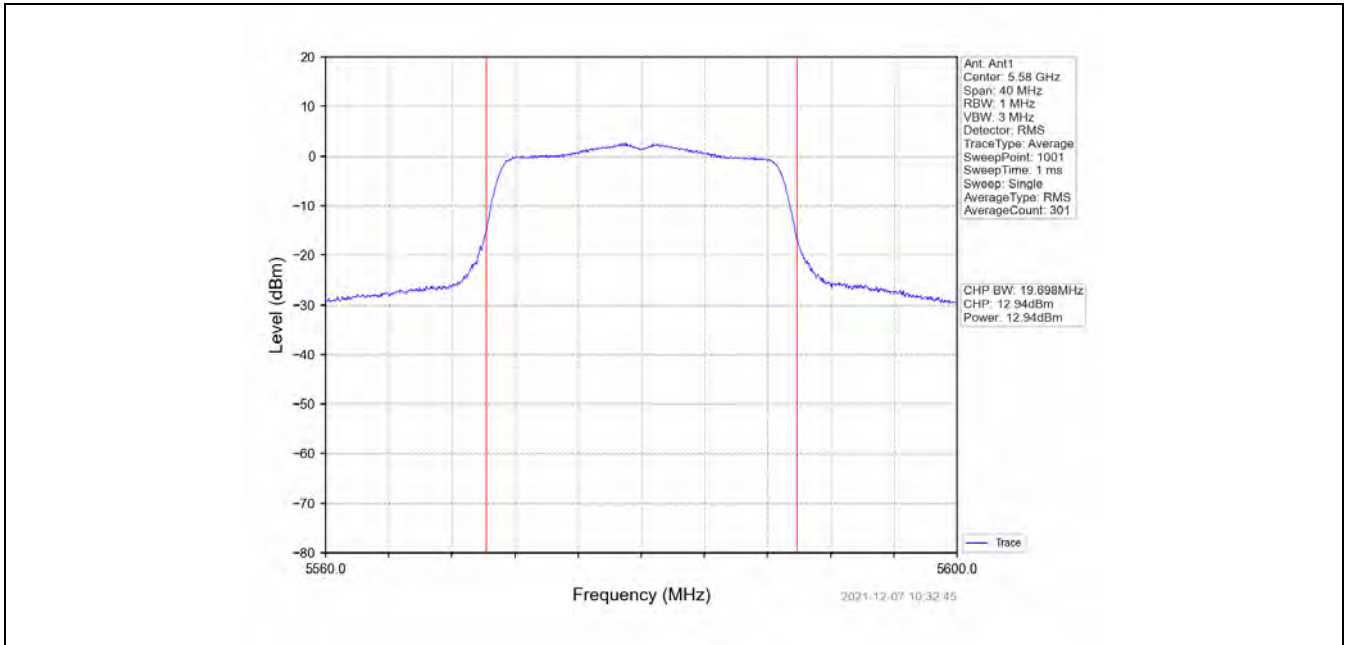


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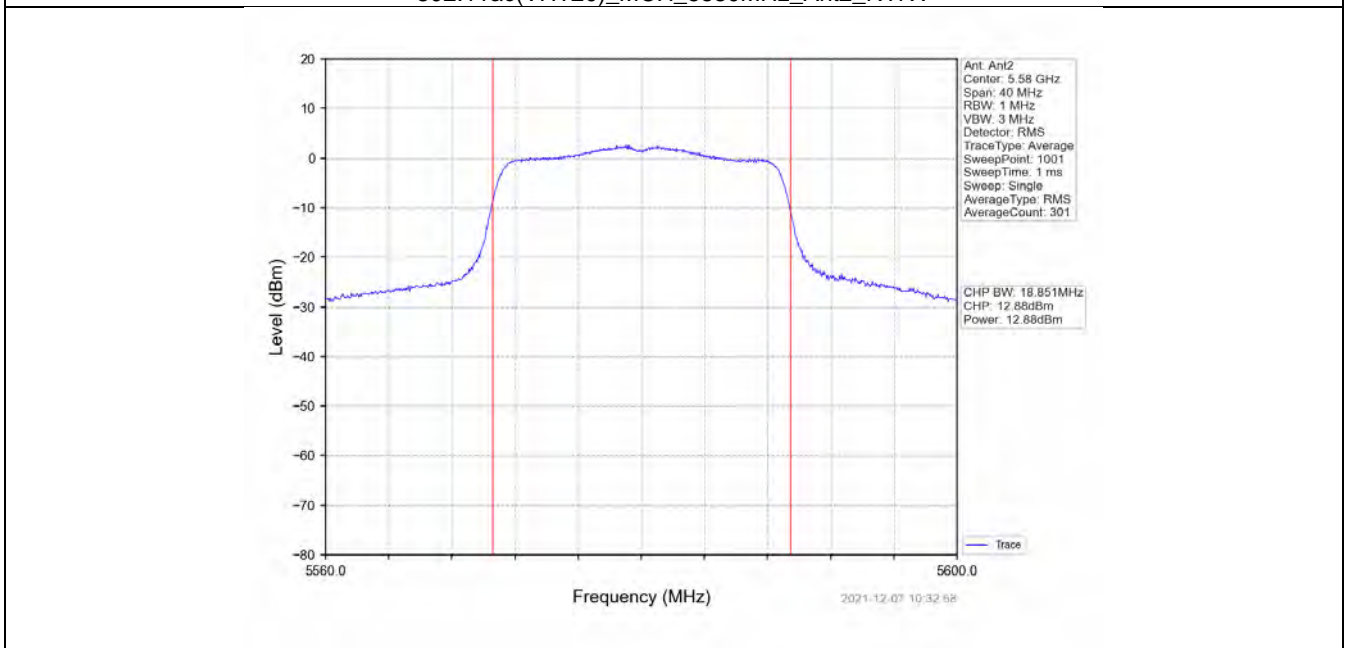


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802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV

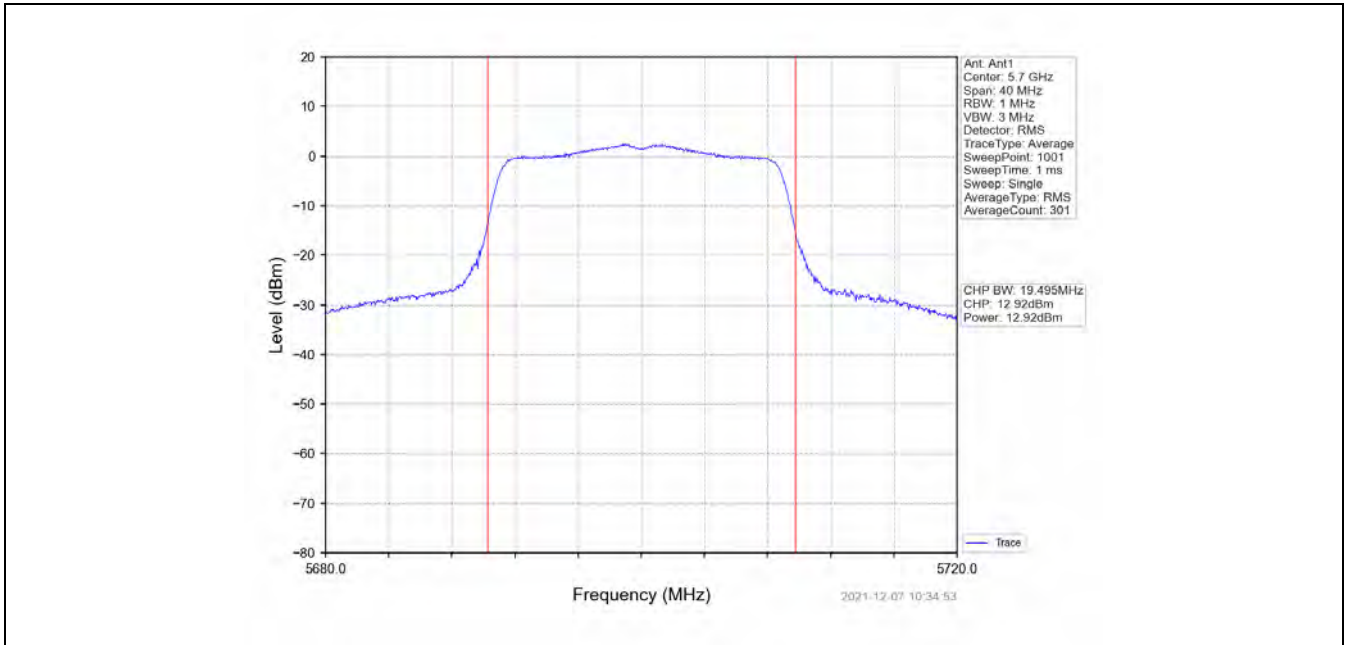


802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

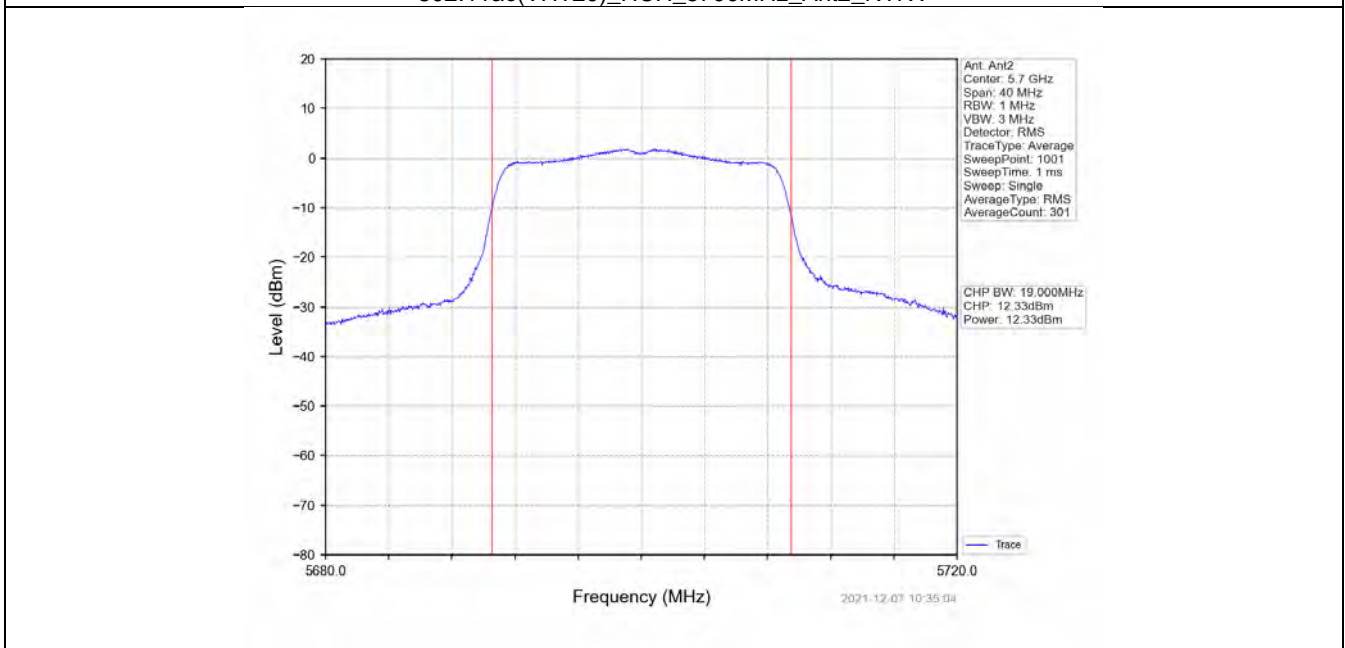


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802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV

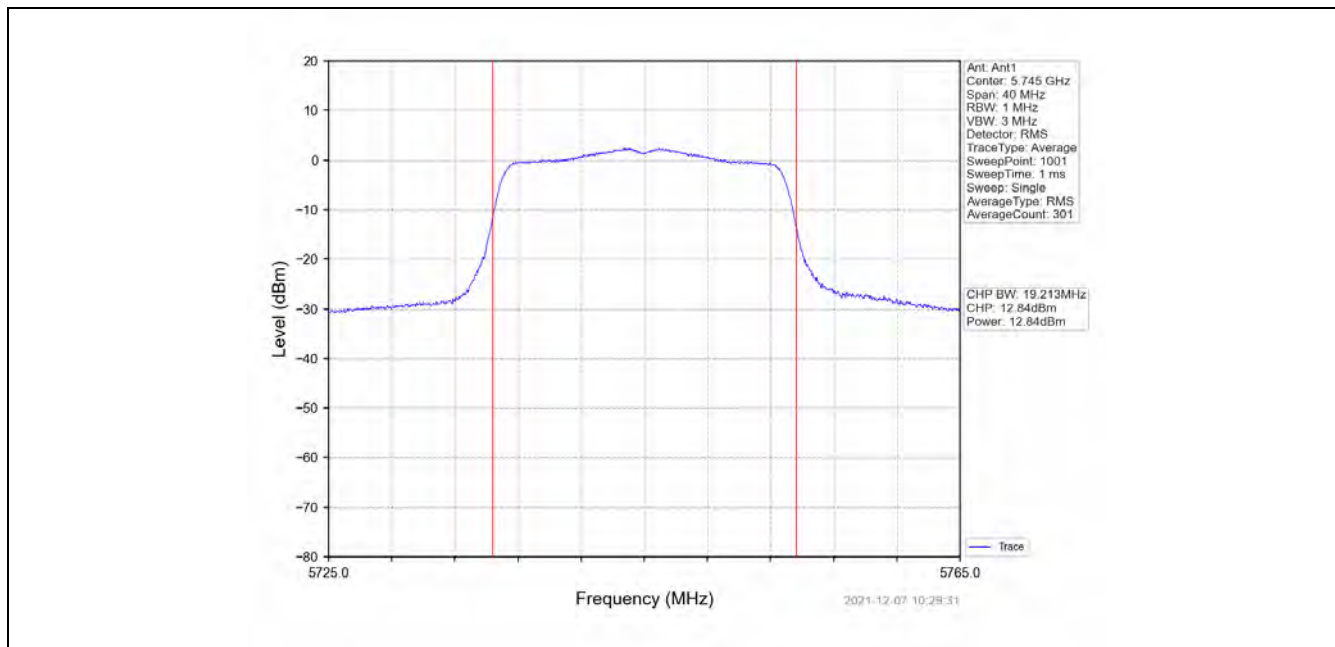


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

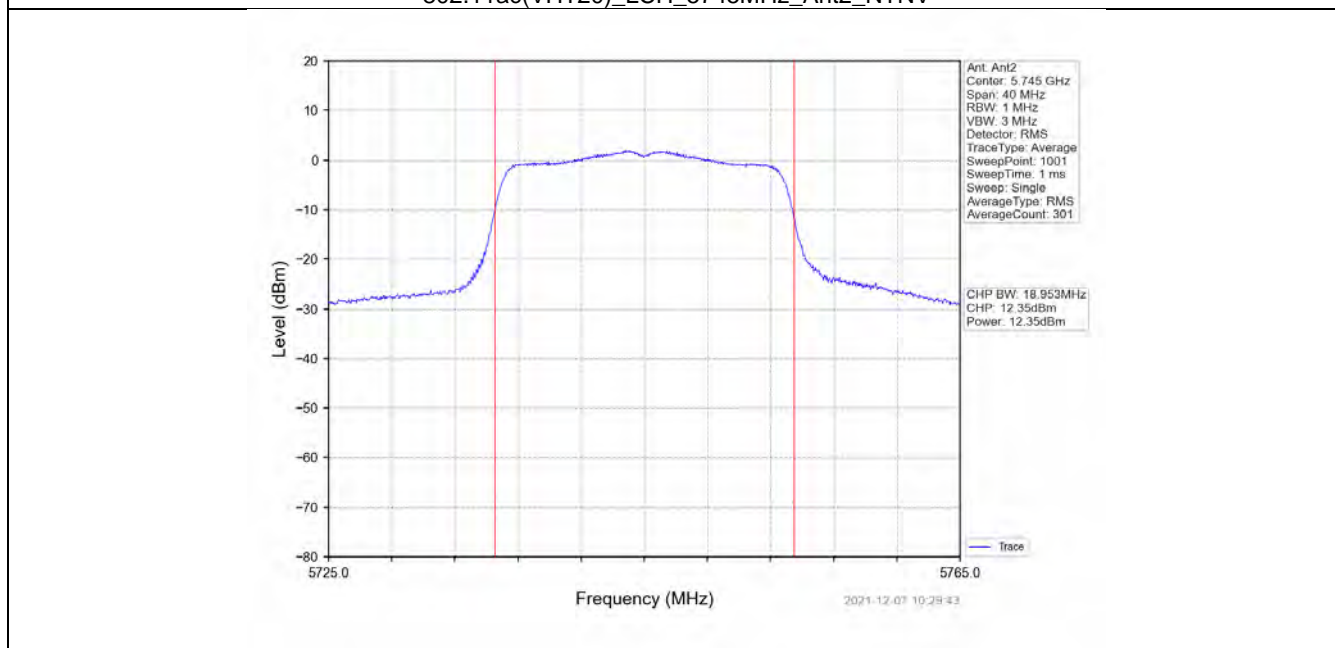


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802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV

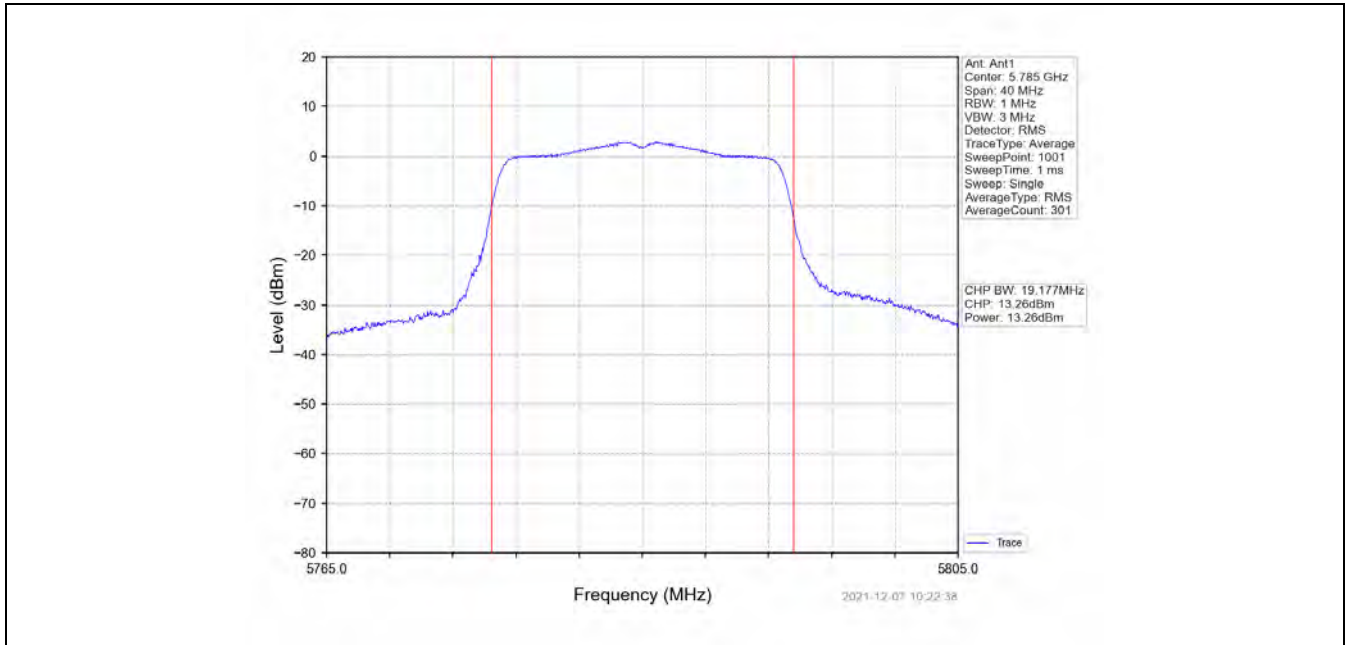


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

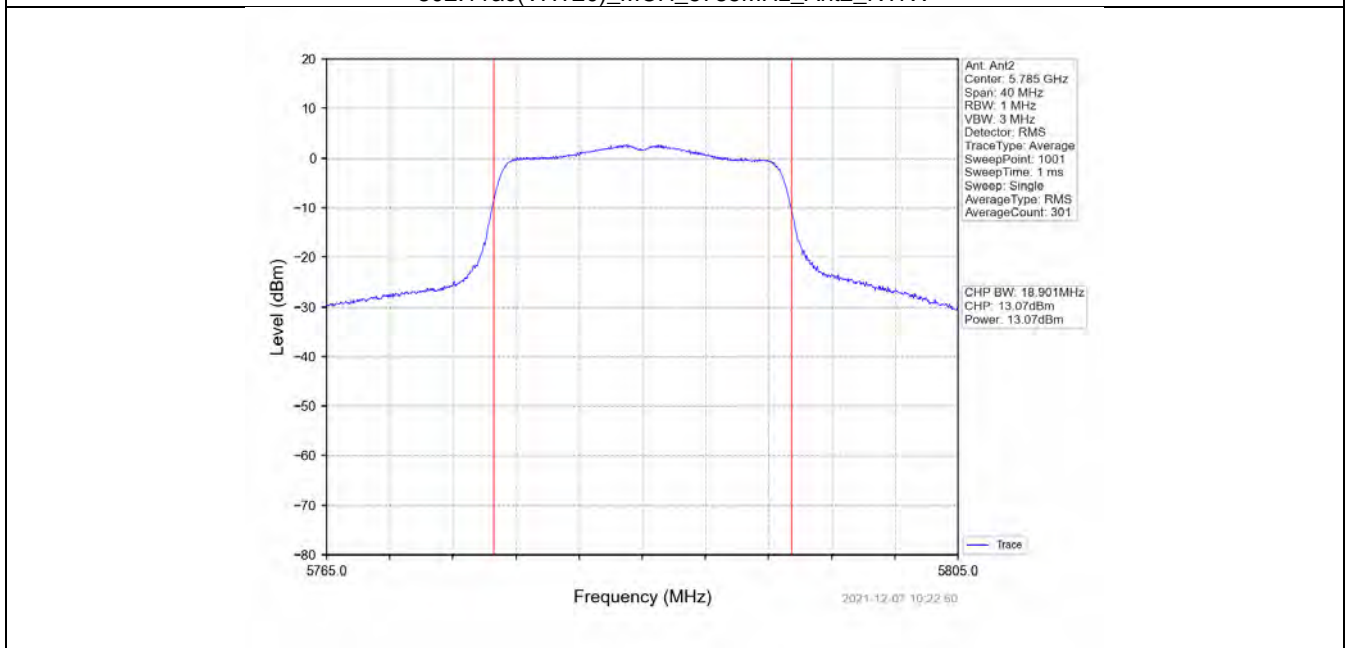


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802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV

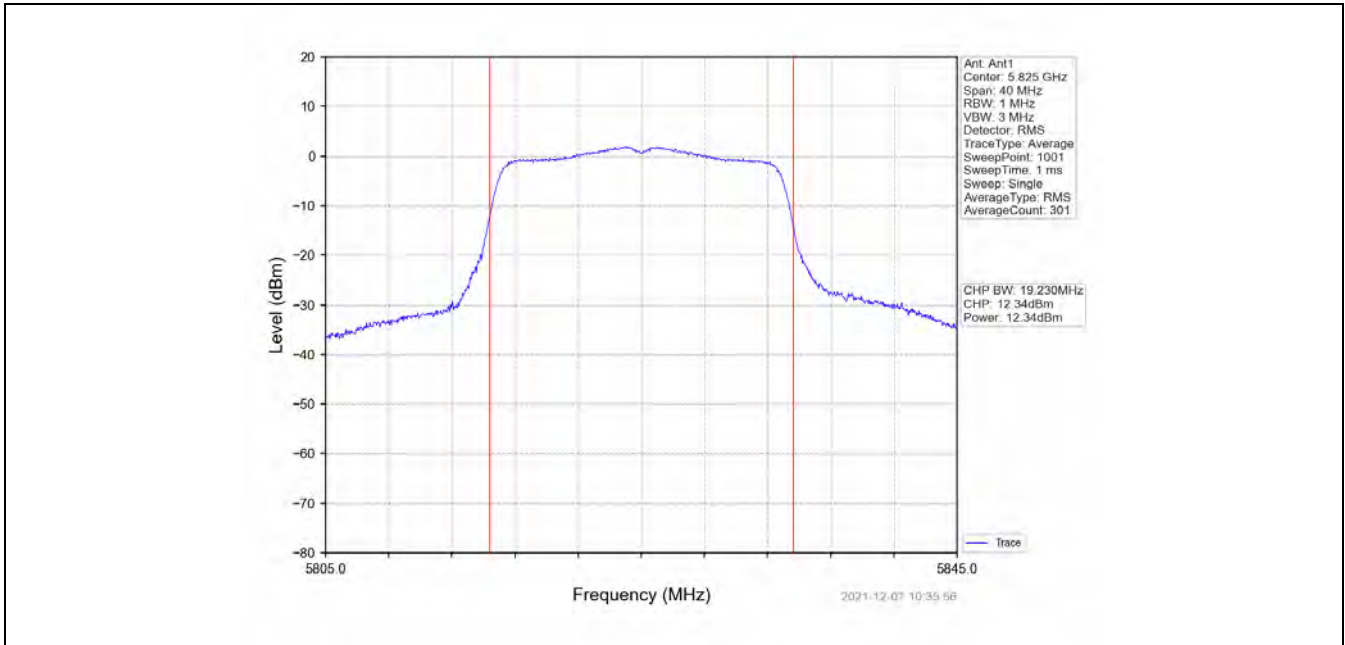


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

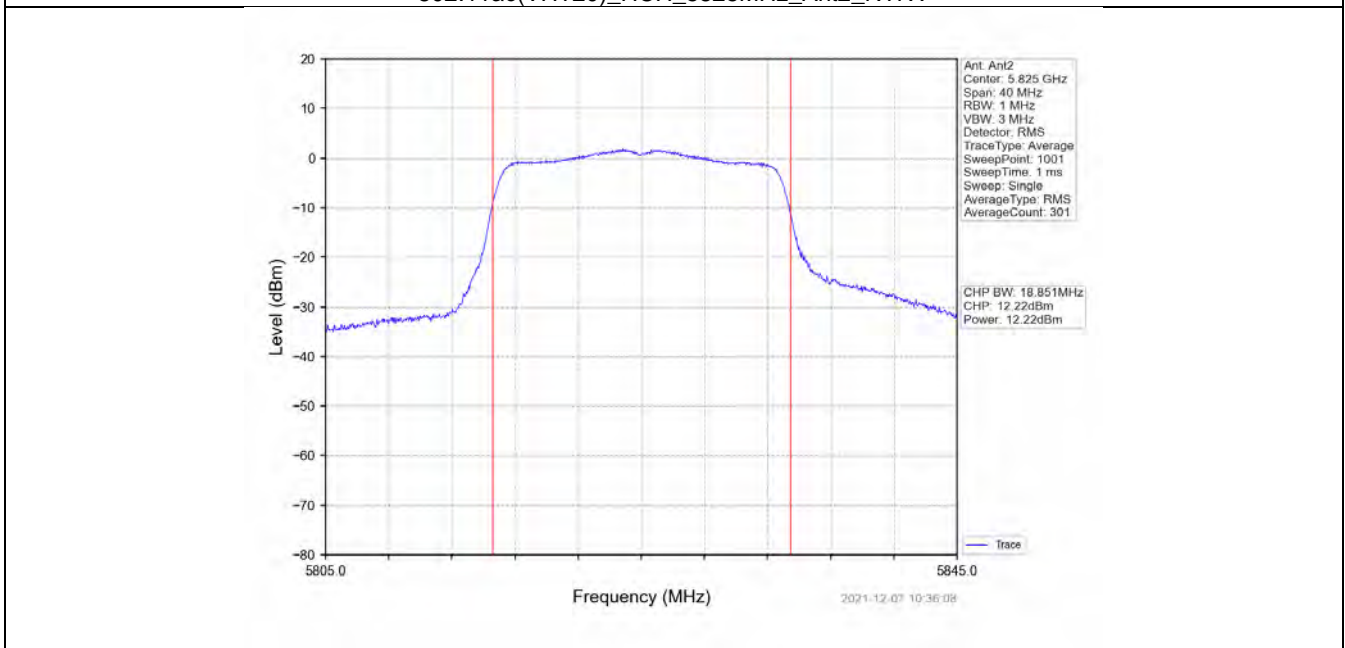


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802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV

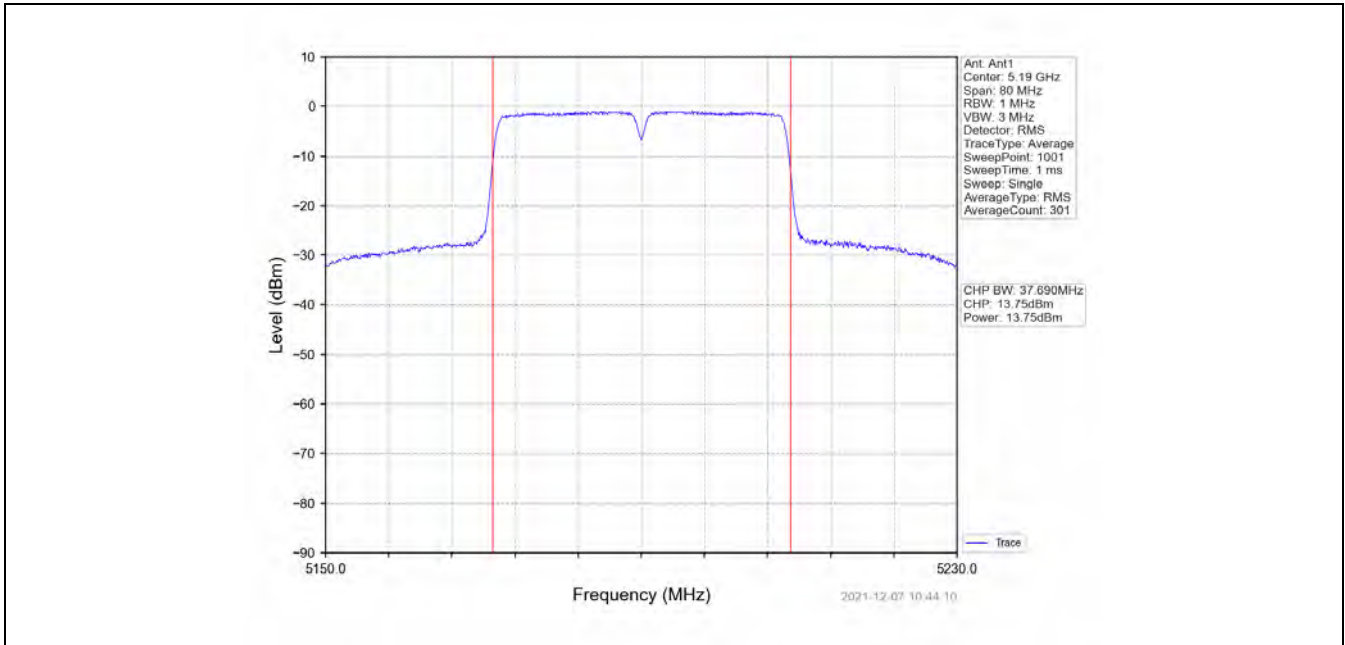


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

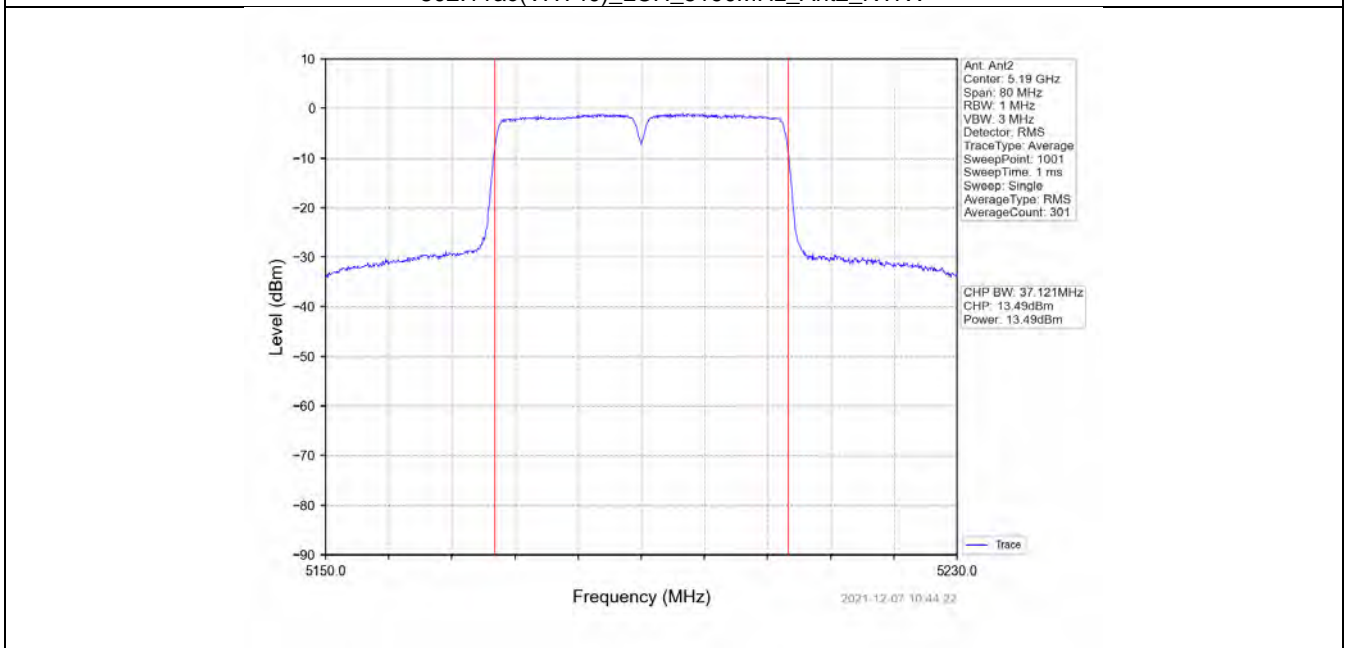


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802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

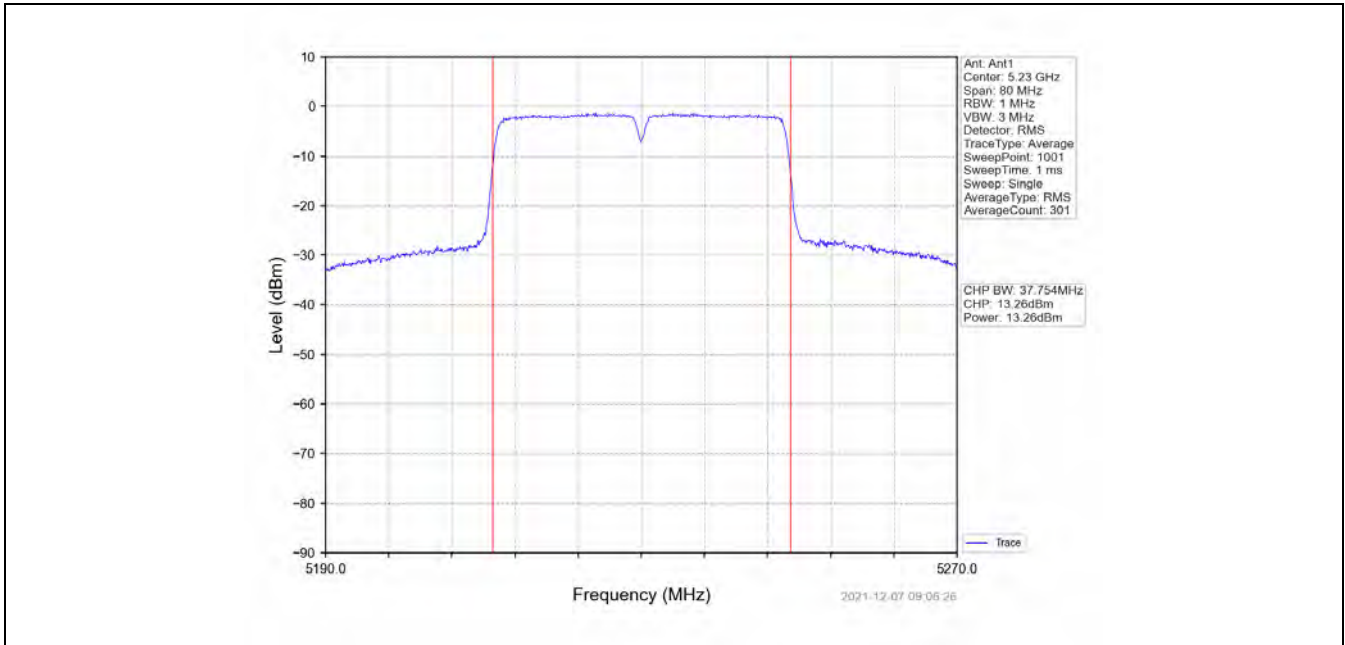


802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

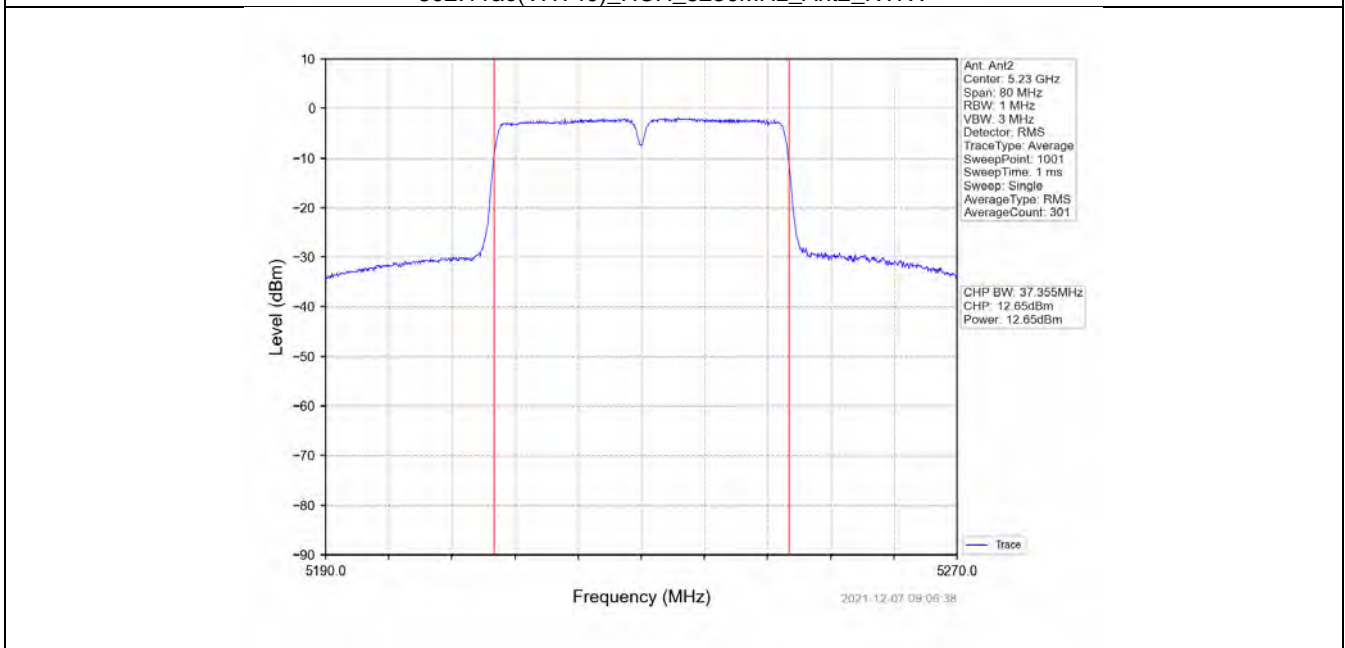


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802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

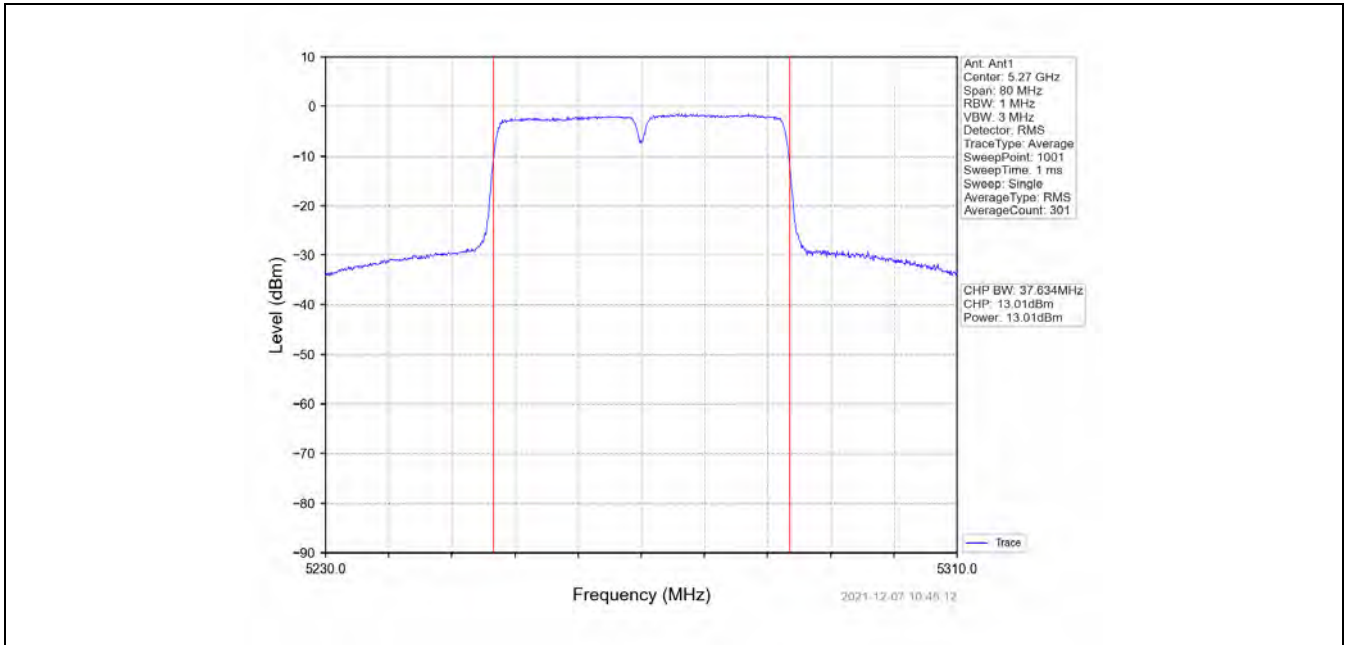


802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV

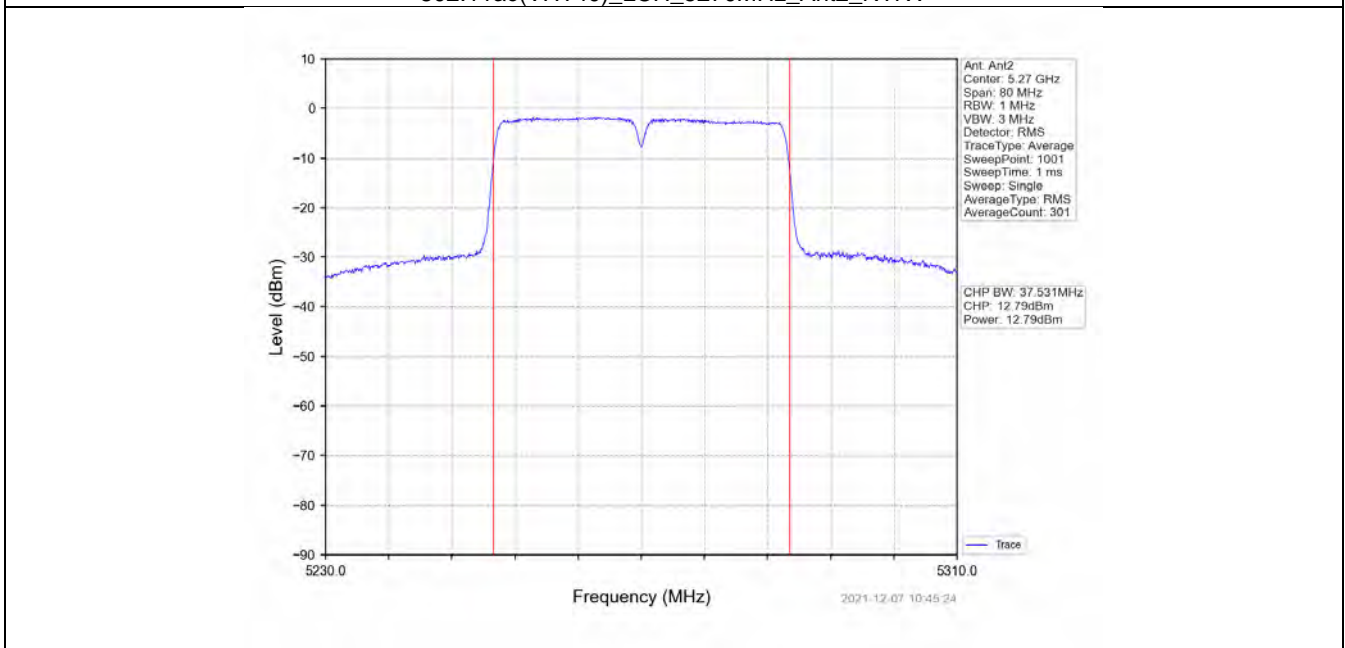


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802.11ac(VHT40)_LCH_5270MHz_Ant2_NTNV

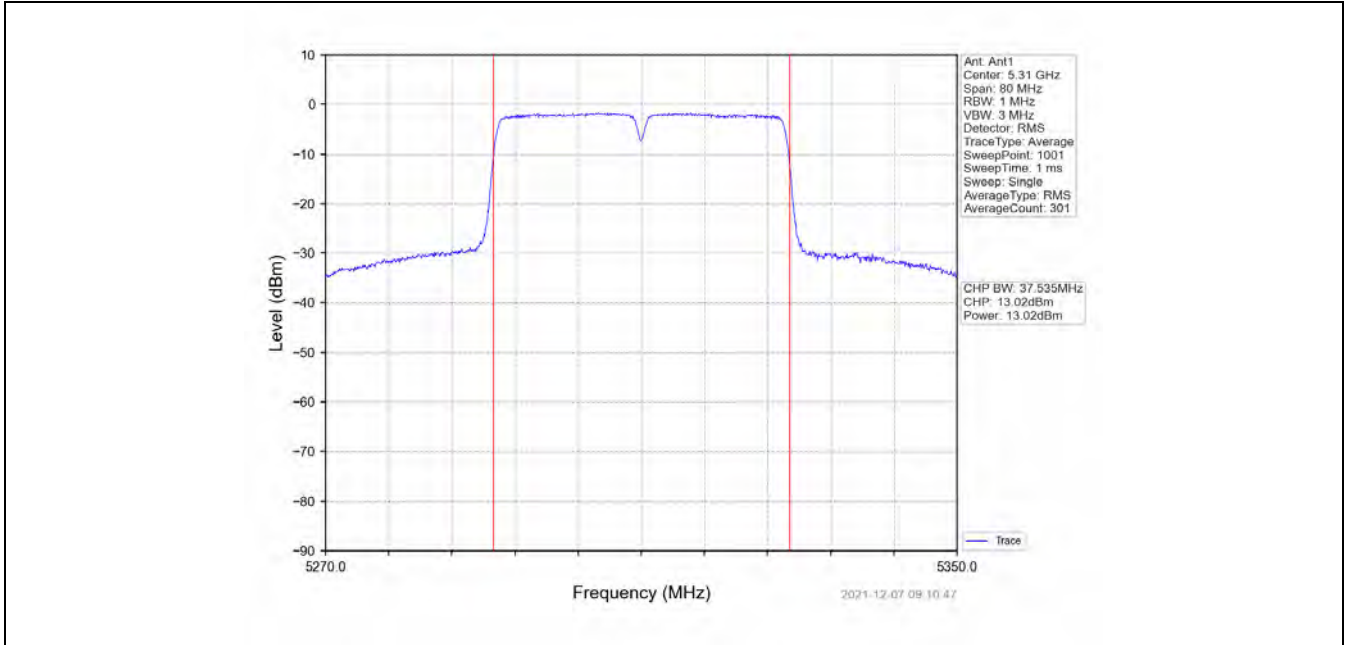


802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV

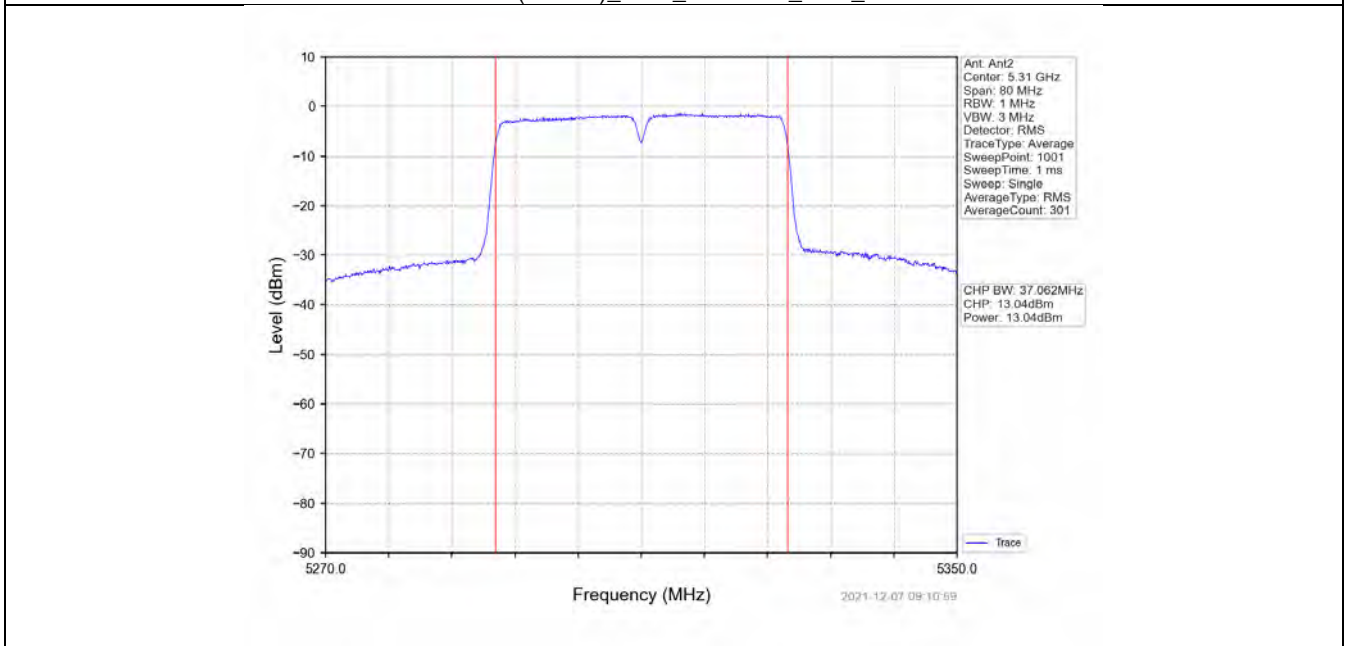


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802.11ac(VHT40)_HCH_5310MHz_Ant2_NTNV

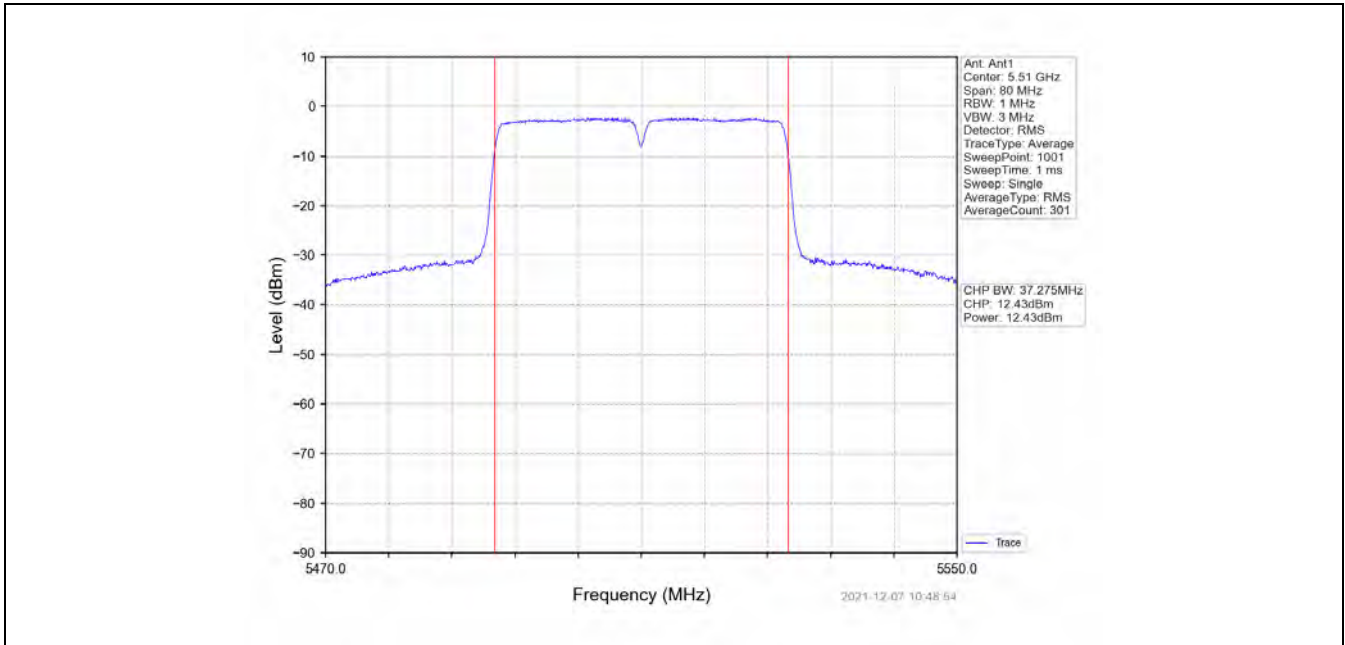


802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

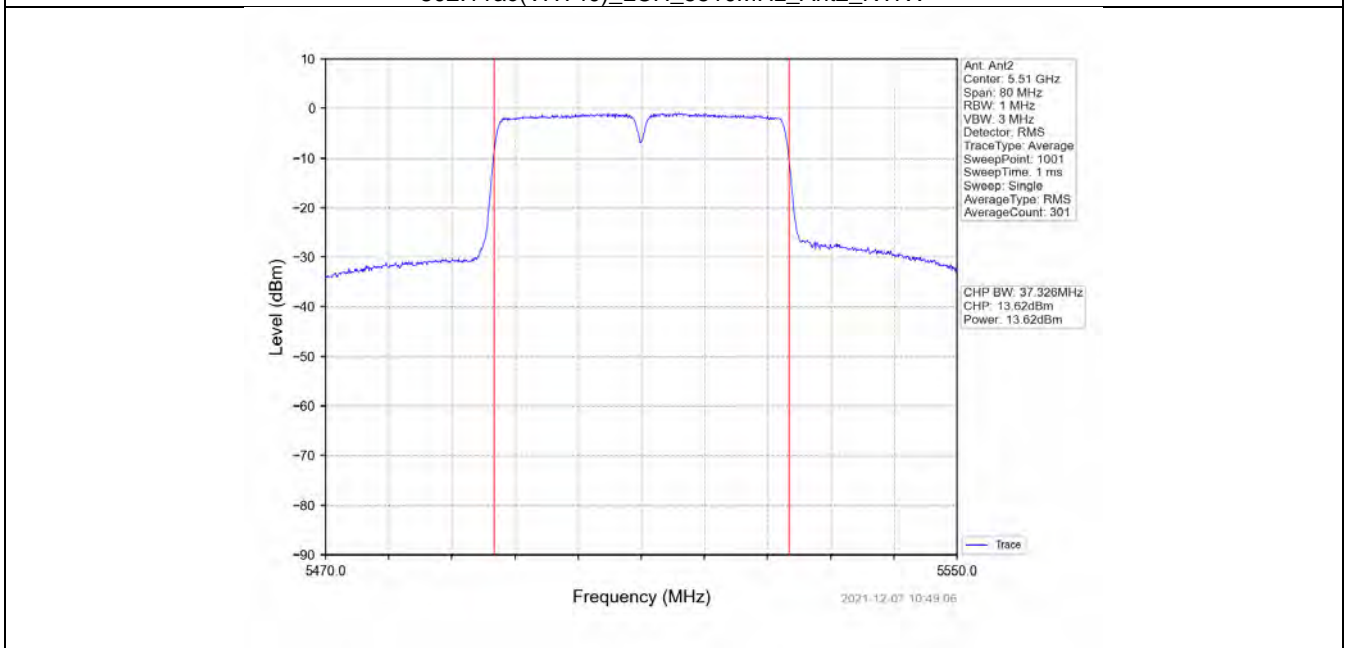


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802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV

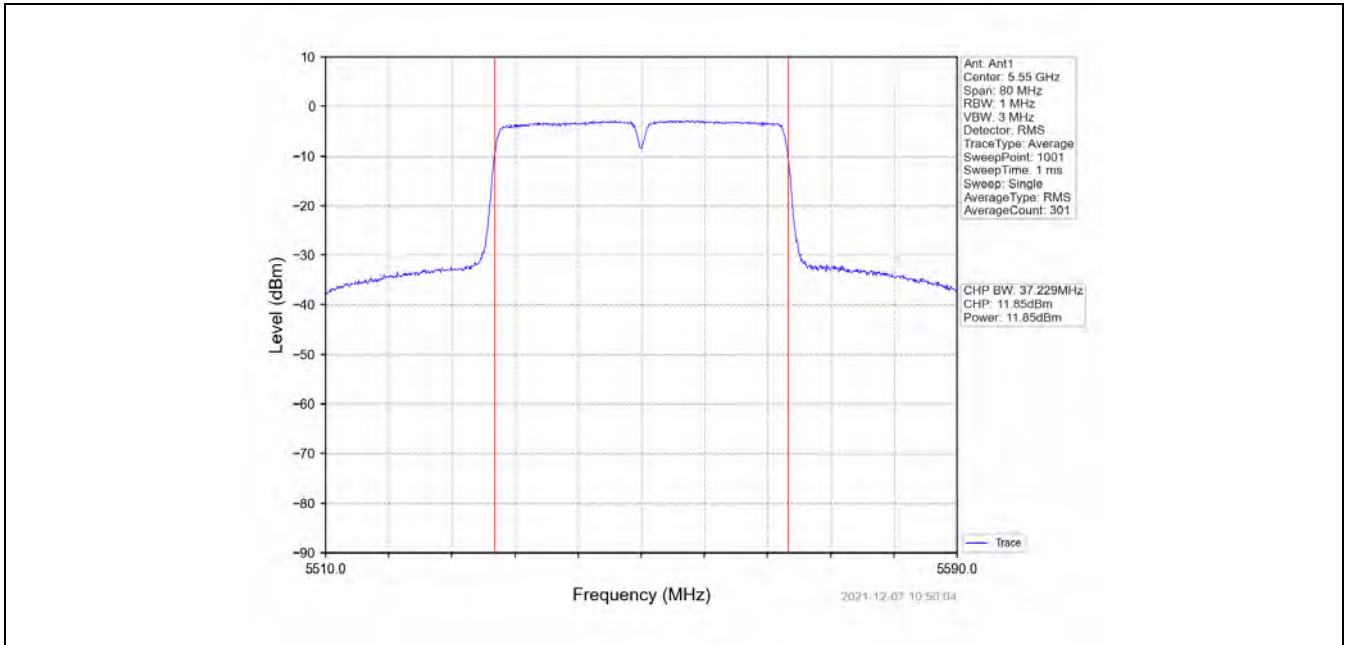


802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV

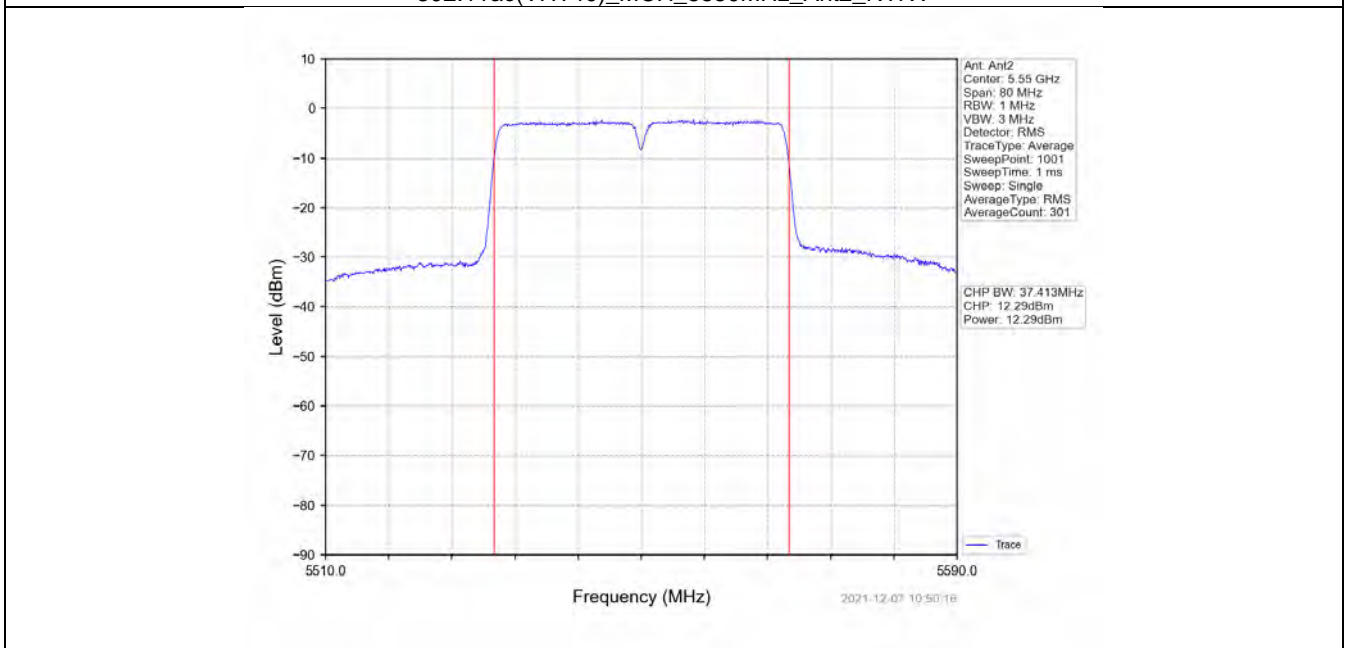


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802.11ac(VHT40)_MCH_5550MHz_Ant2_NTNV

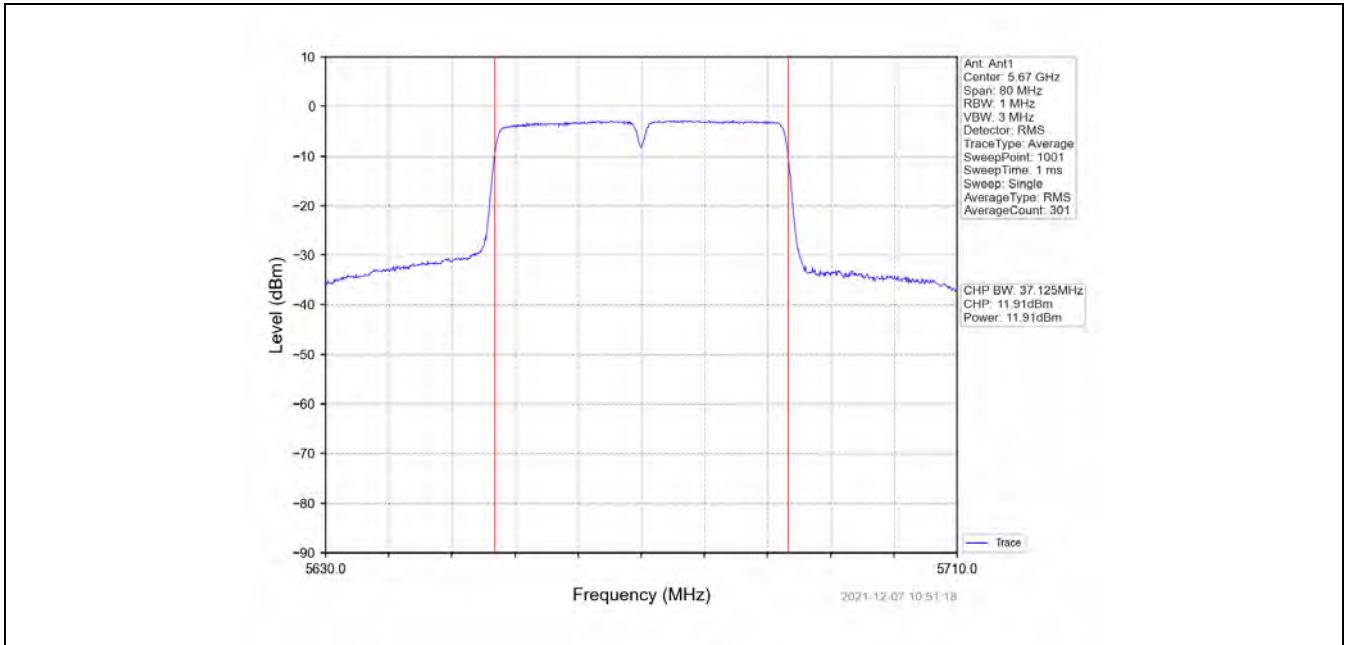


802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV

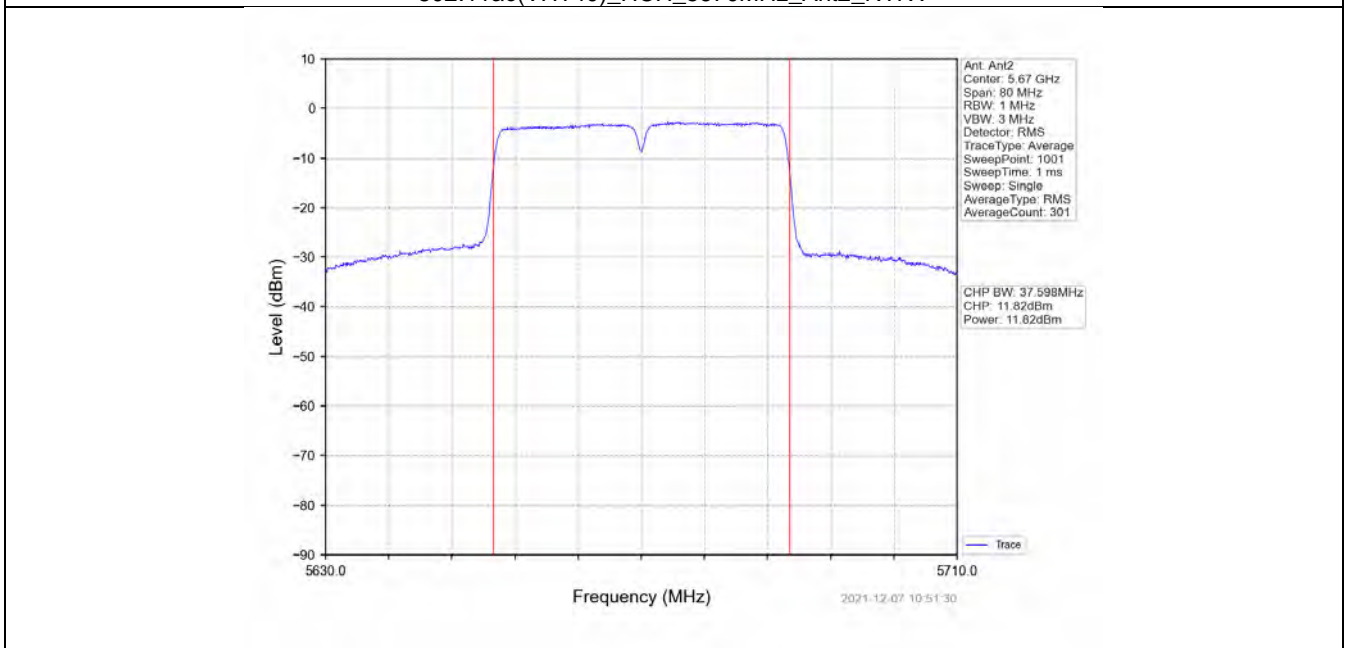


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802.11ac(VHT40)_HCH_5670MHz_Ant2_NTNV

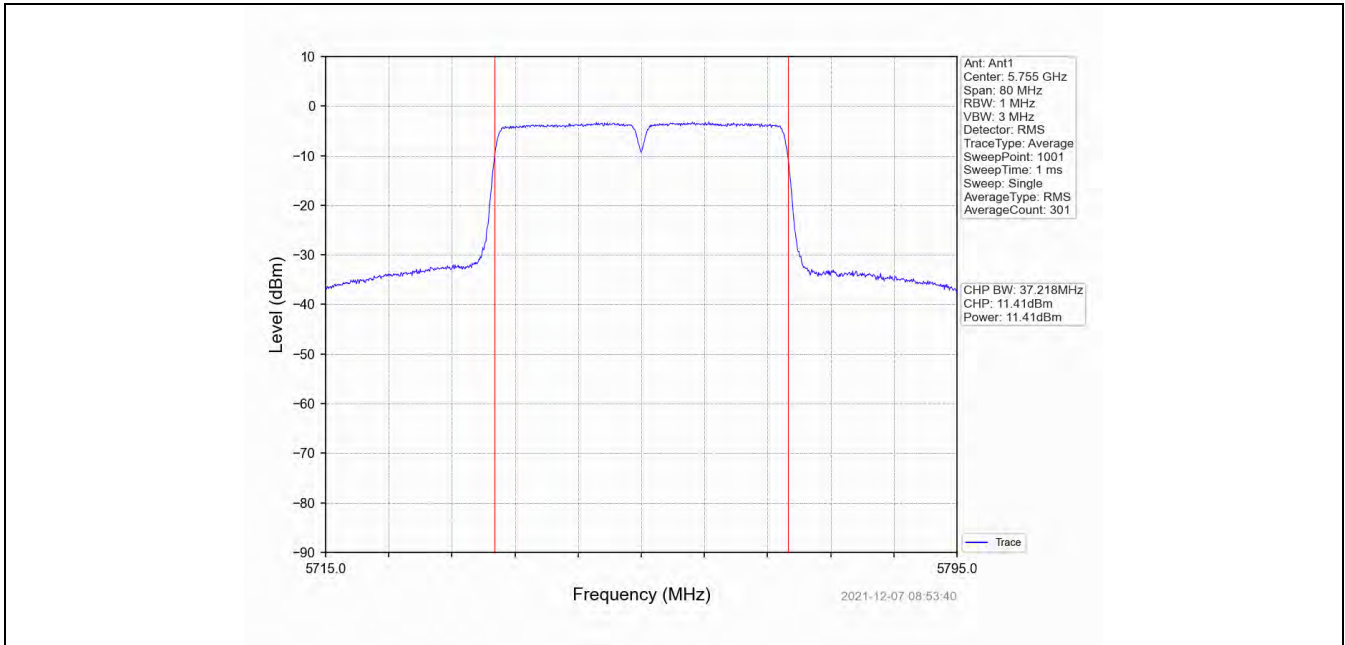


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

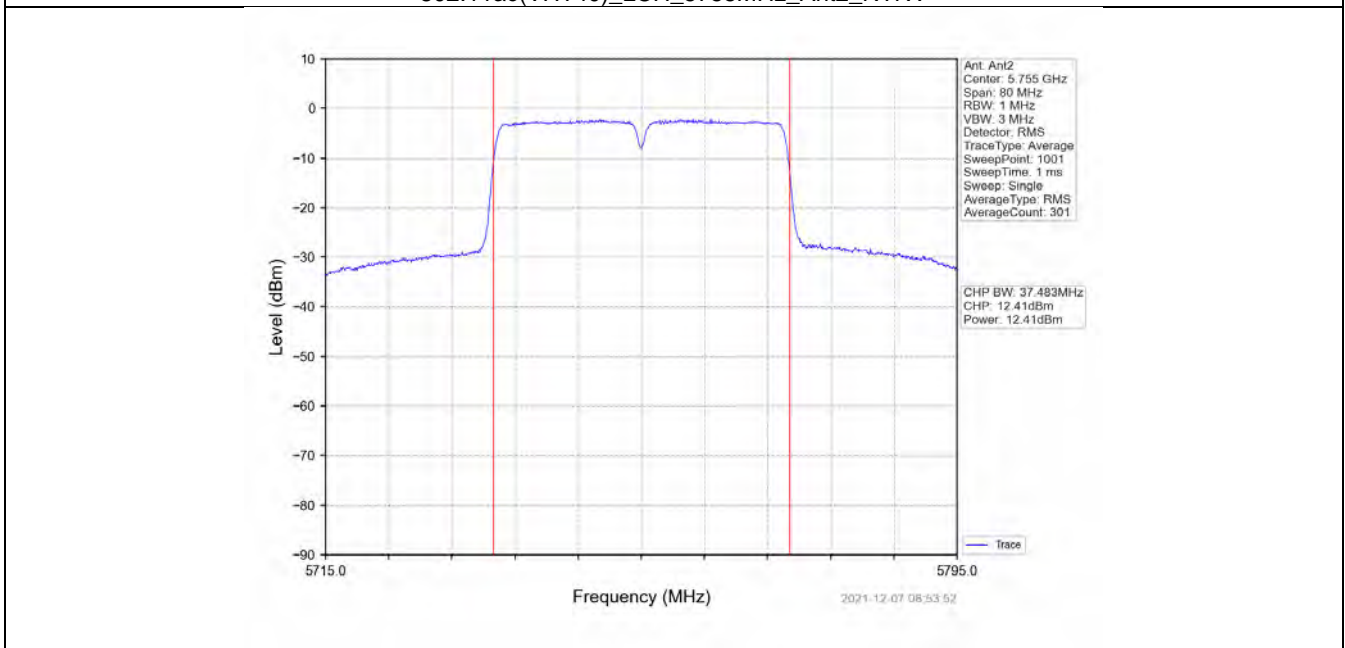


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802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV

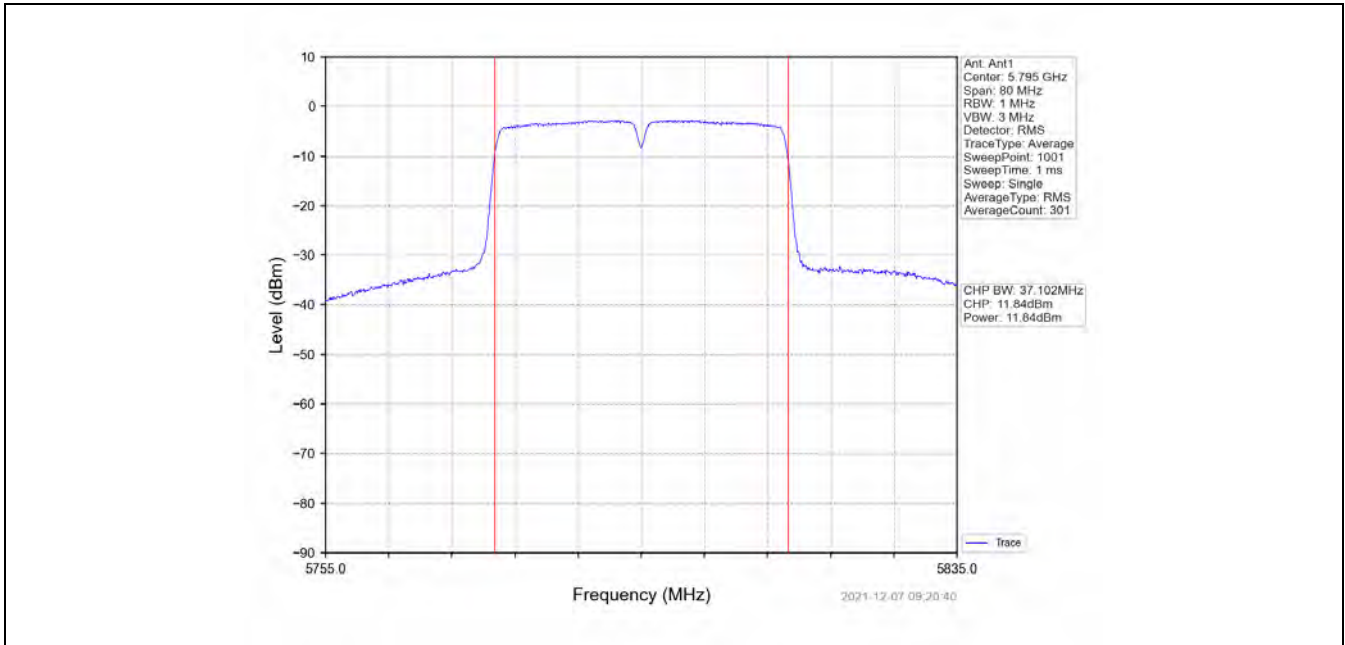


802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

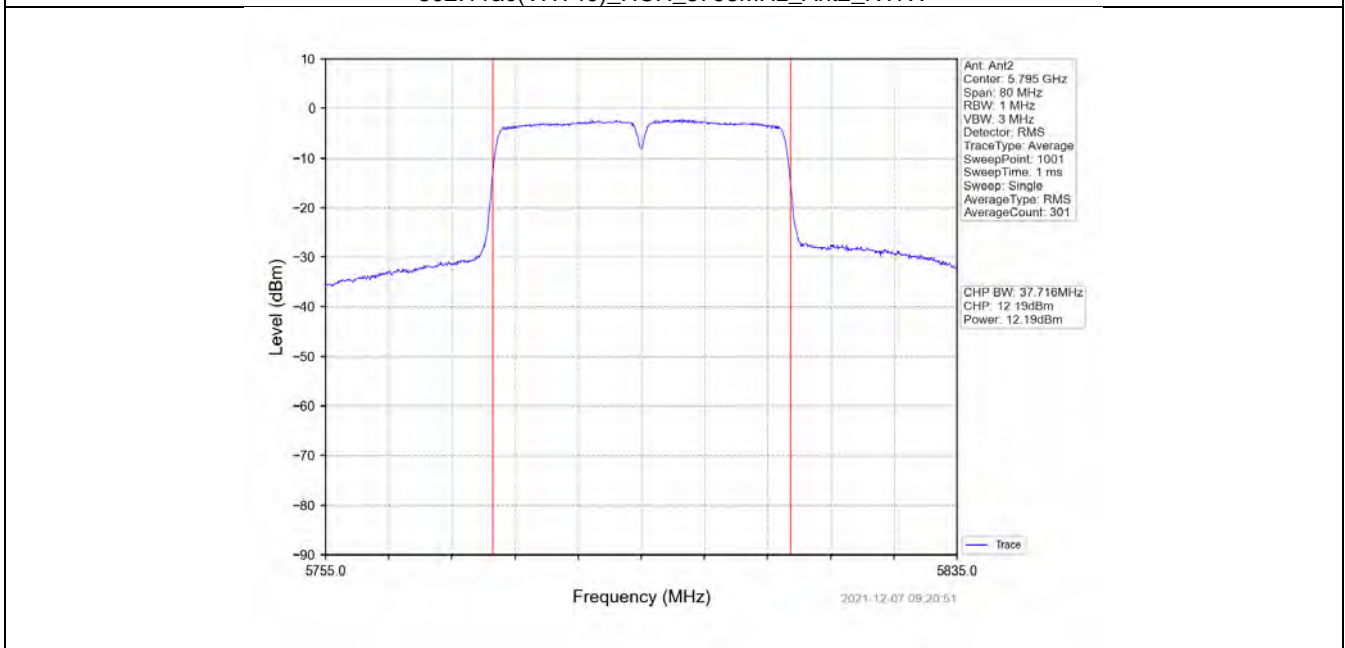


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802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV

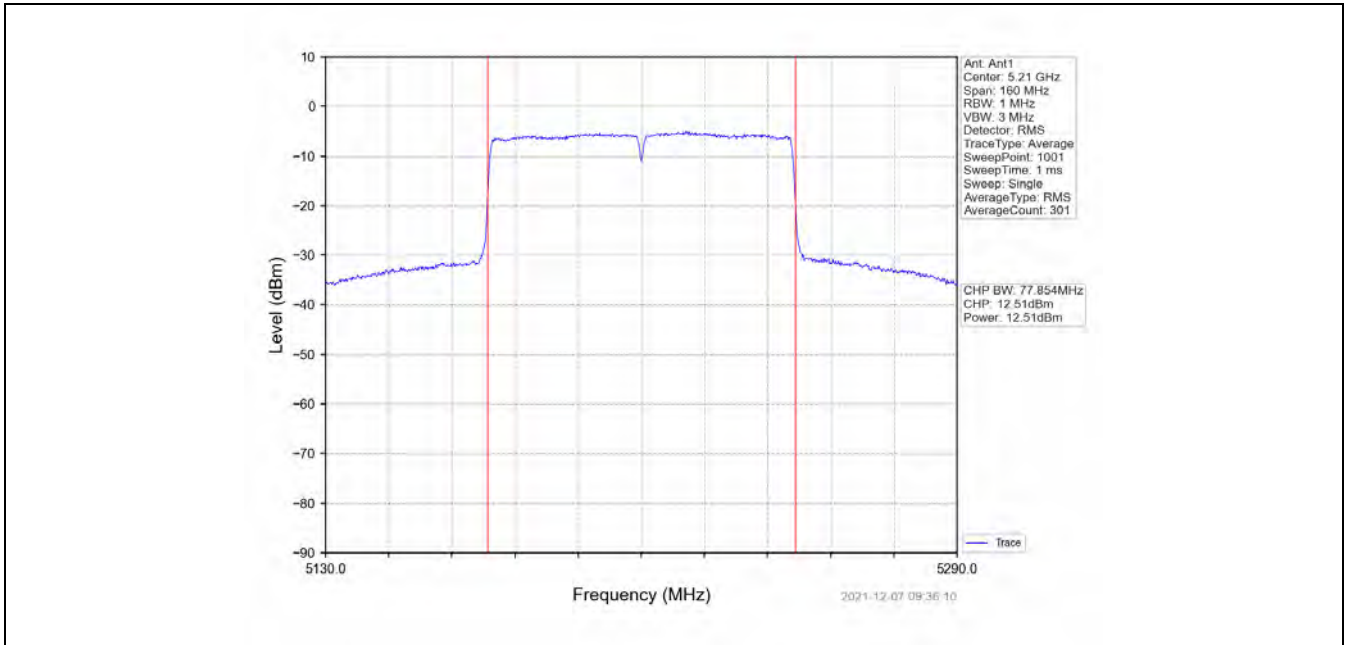


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

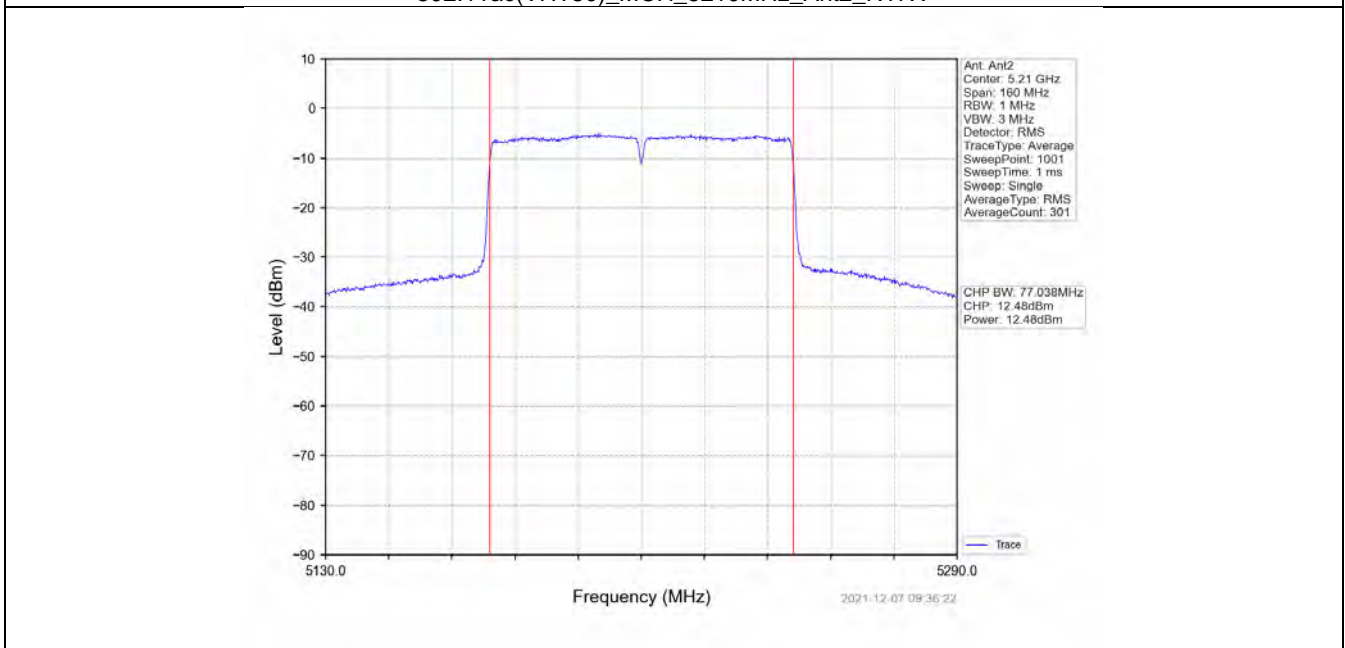


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802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV

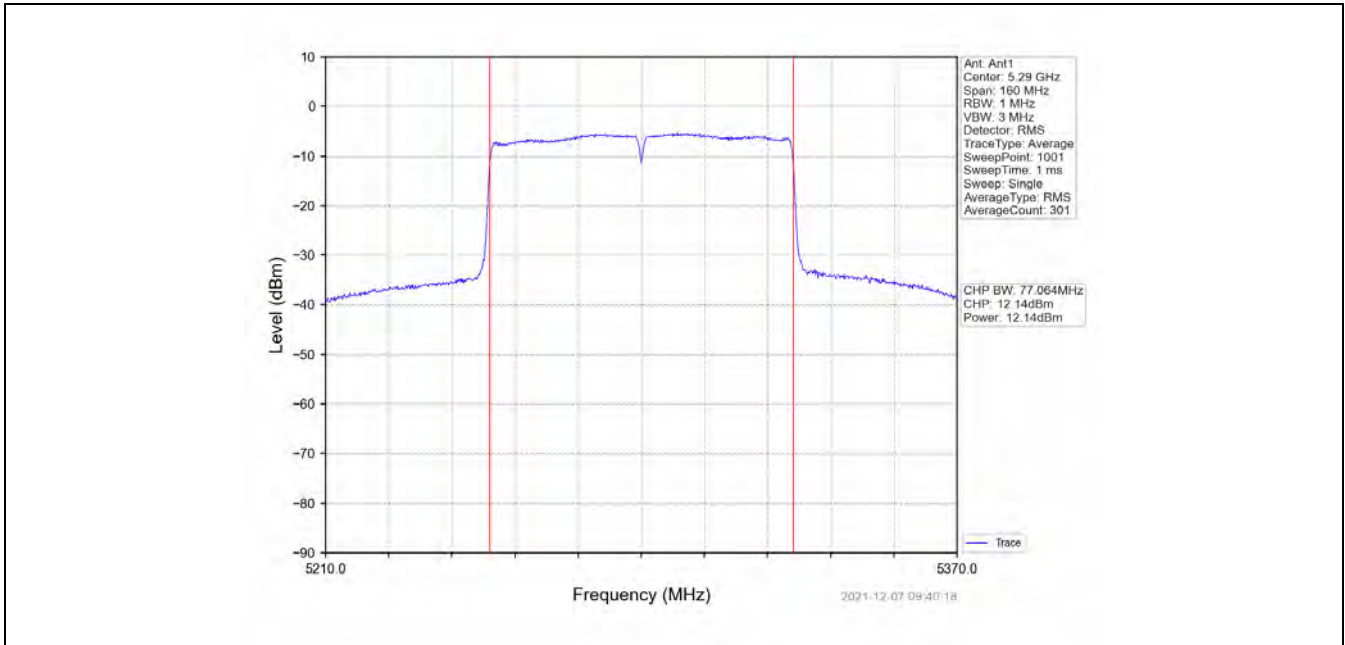


802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV

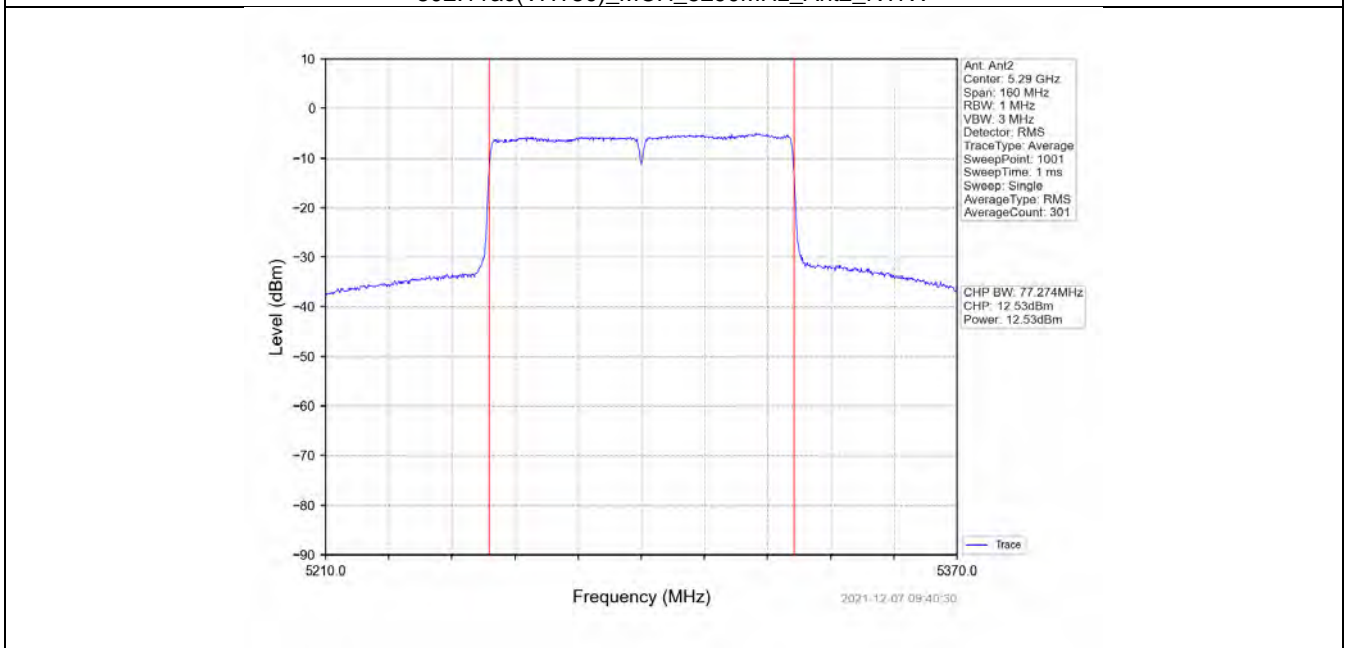


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802.11ac(VHT80)_MCH_5290MHz_Ant2_NTNV

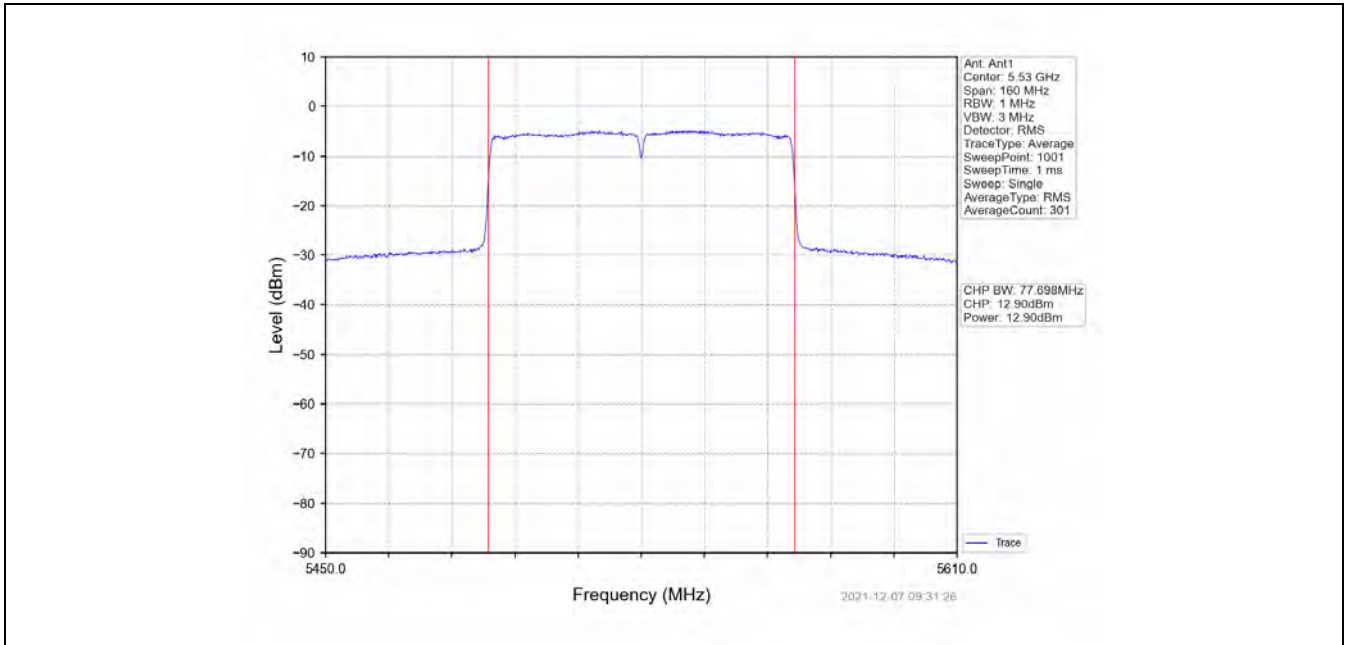


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

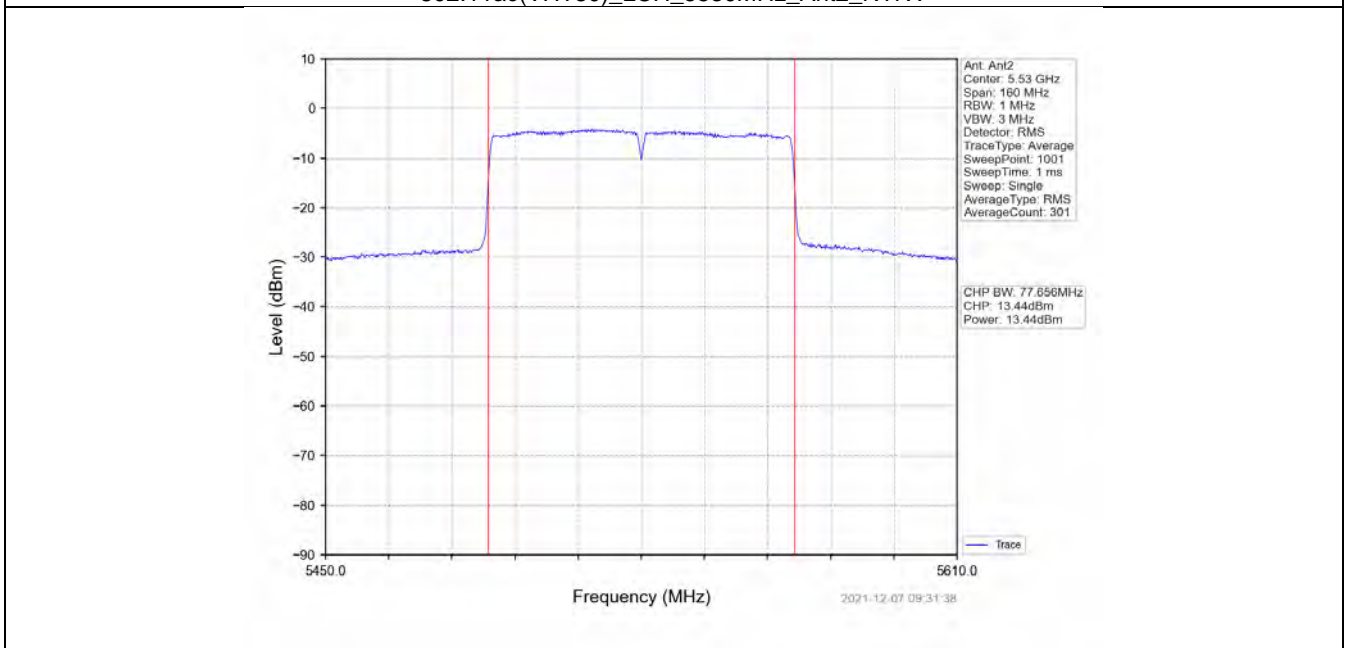


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802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV

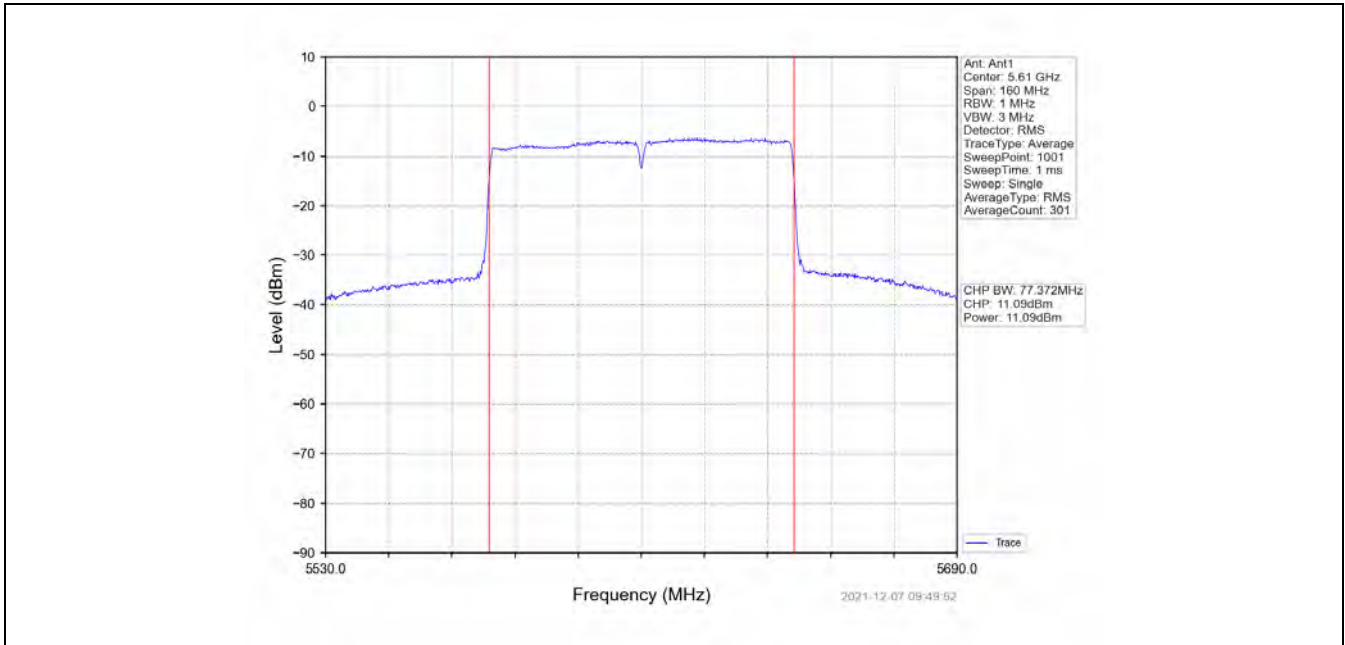


802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

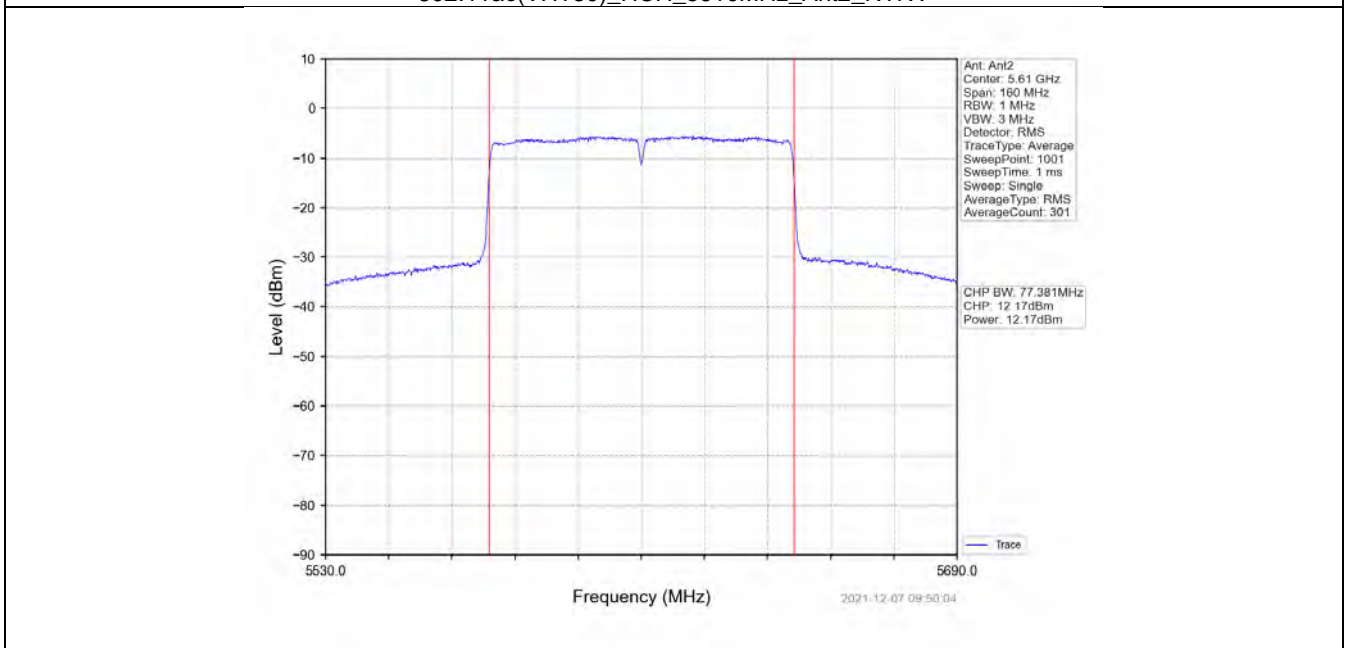


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802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV

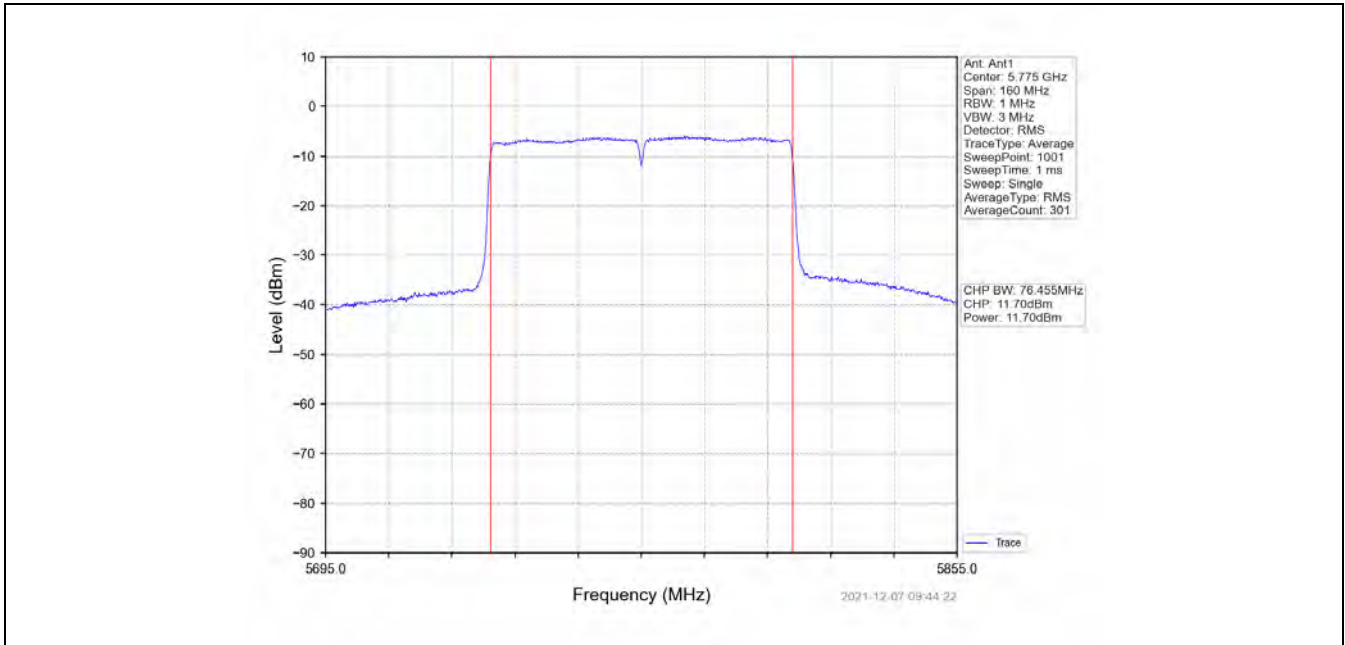


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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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;

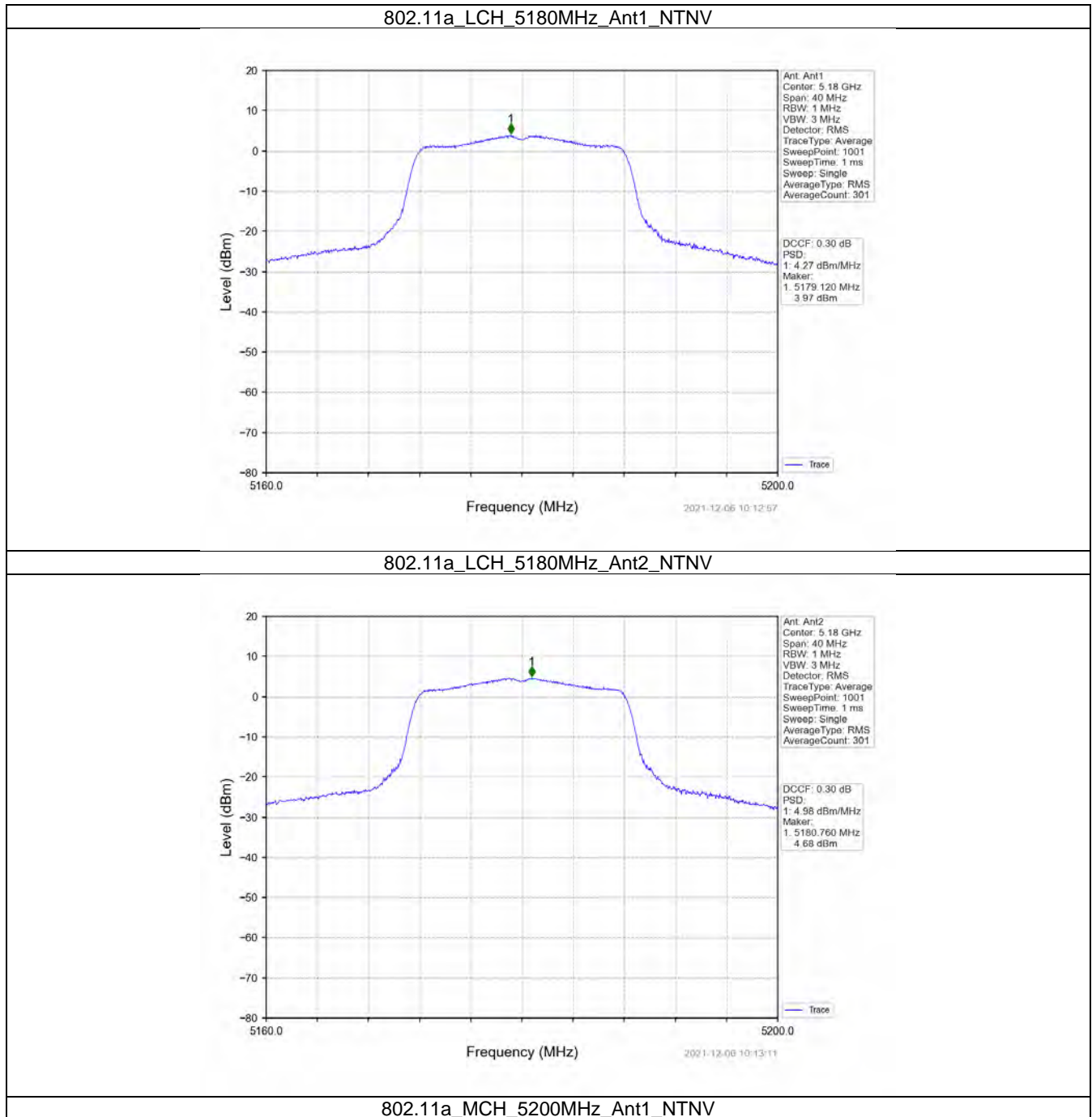
For Ant 2 5150-5700: 10.19dBm/MHz & 5725-5850: 29.19dBm/500kHz, we only present the most stringent requirements in the table.



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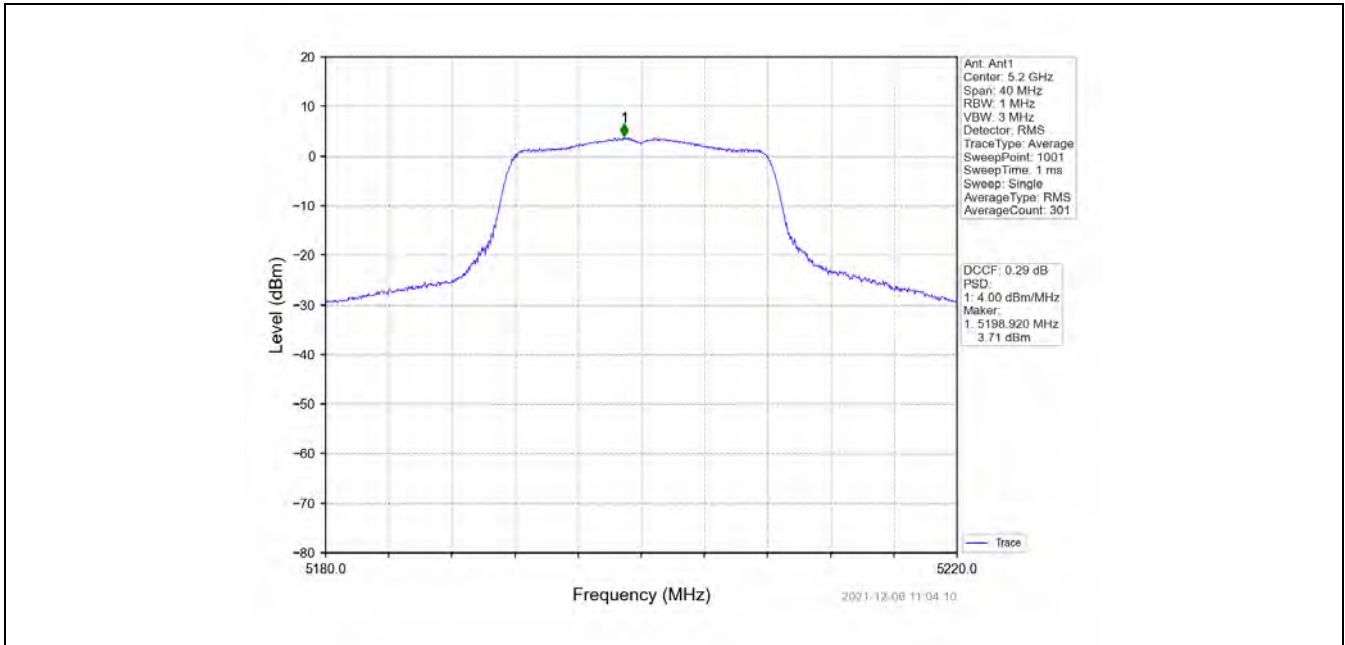
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4.1.2 Test Graph

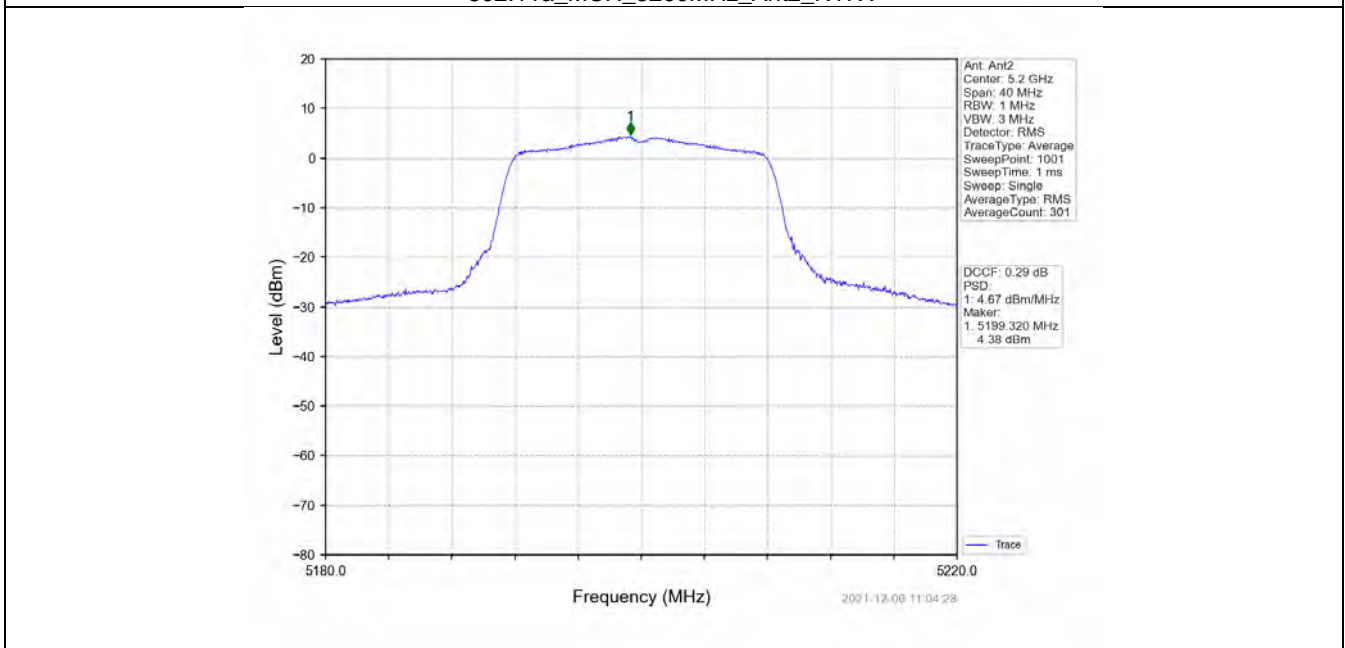


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802.11a_MCH_5200MHz_Ant2_NTNV

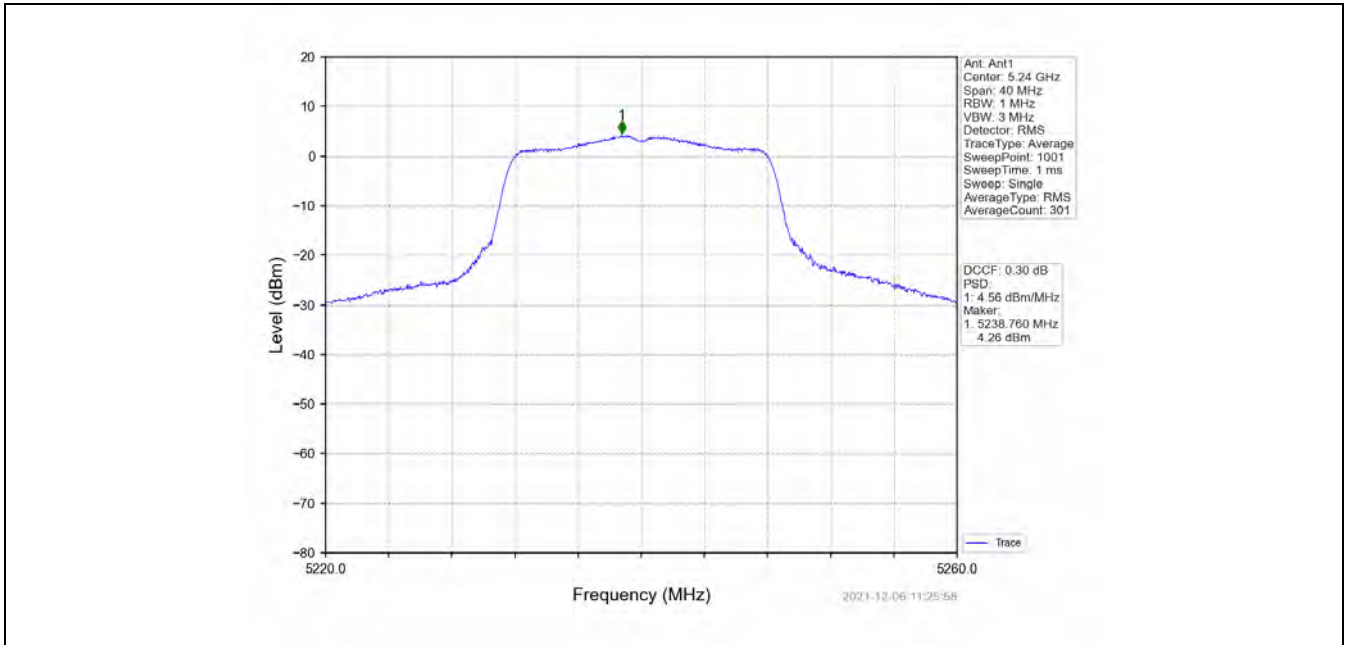


802.11a_HCH_5240MHz_Ant1_NTNV

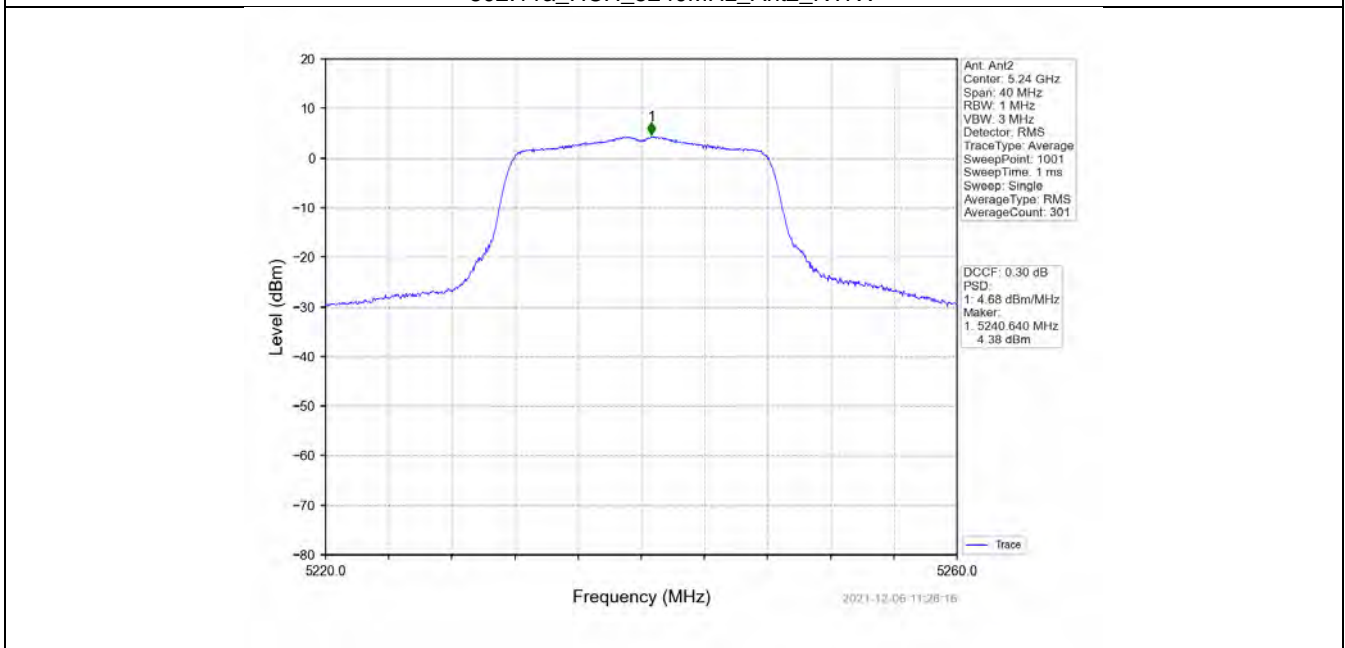


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802.11a_HCH_5240MHz_Ant2_NTNV

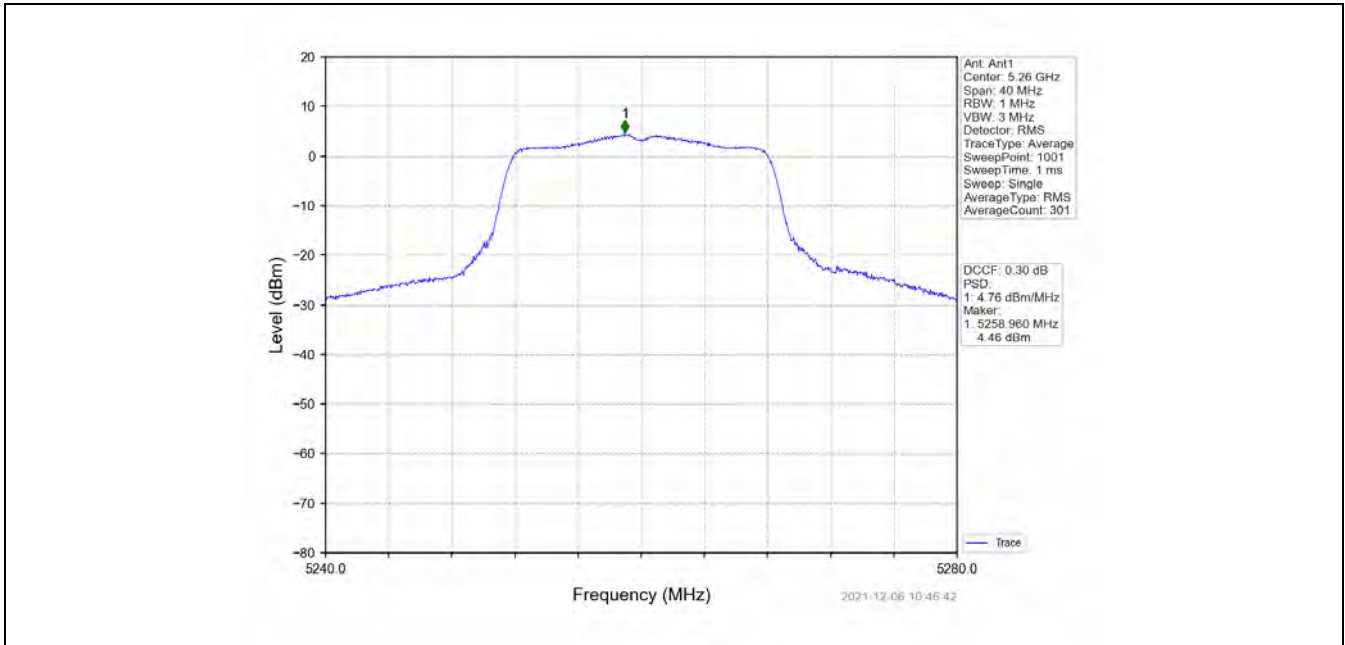


802.11a_LCH_5260MHz_Ant1_NTNV

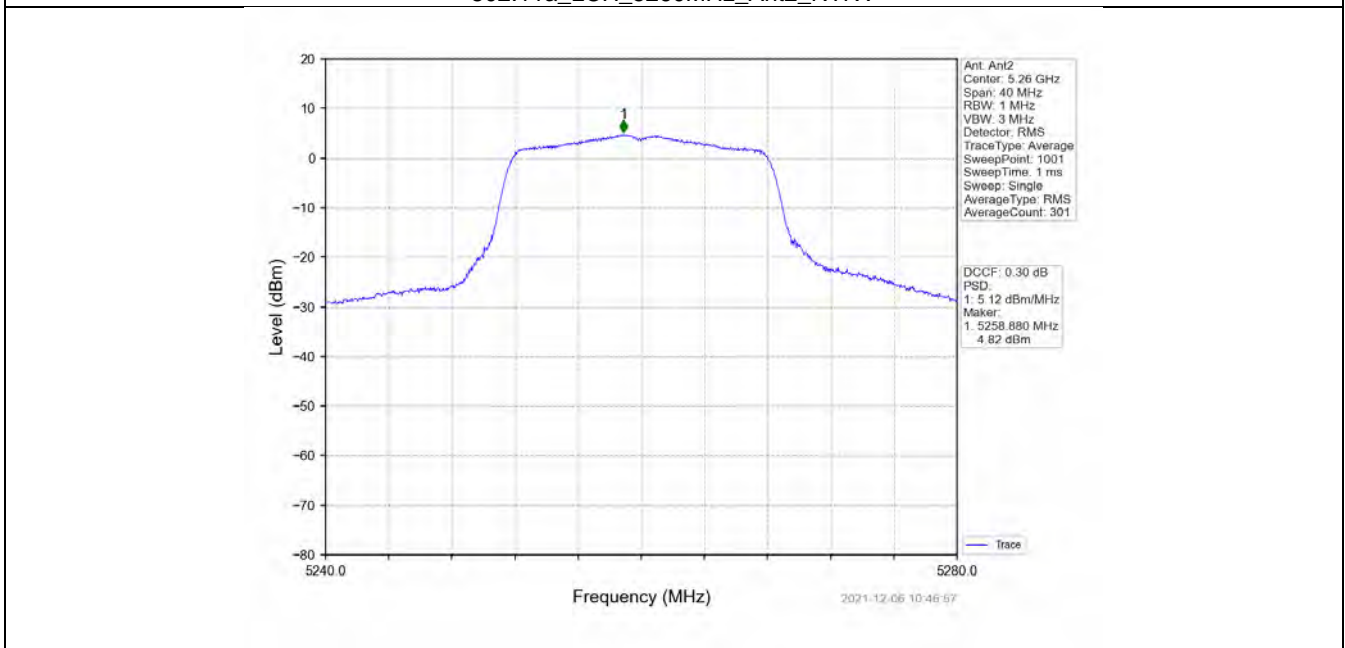


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802.11a_LCH_5260MHz_Ant2_NTNV

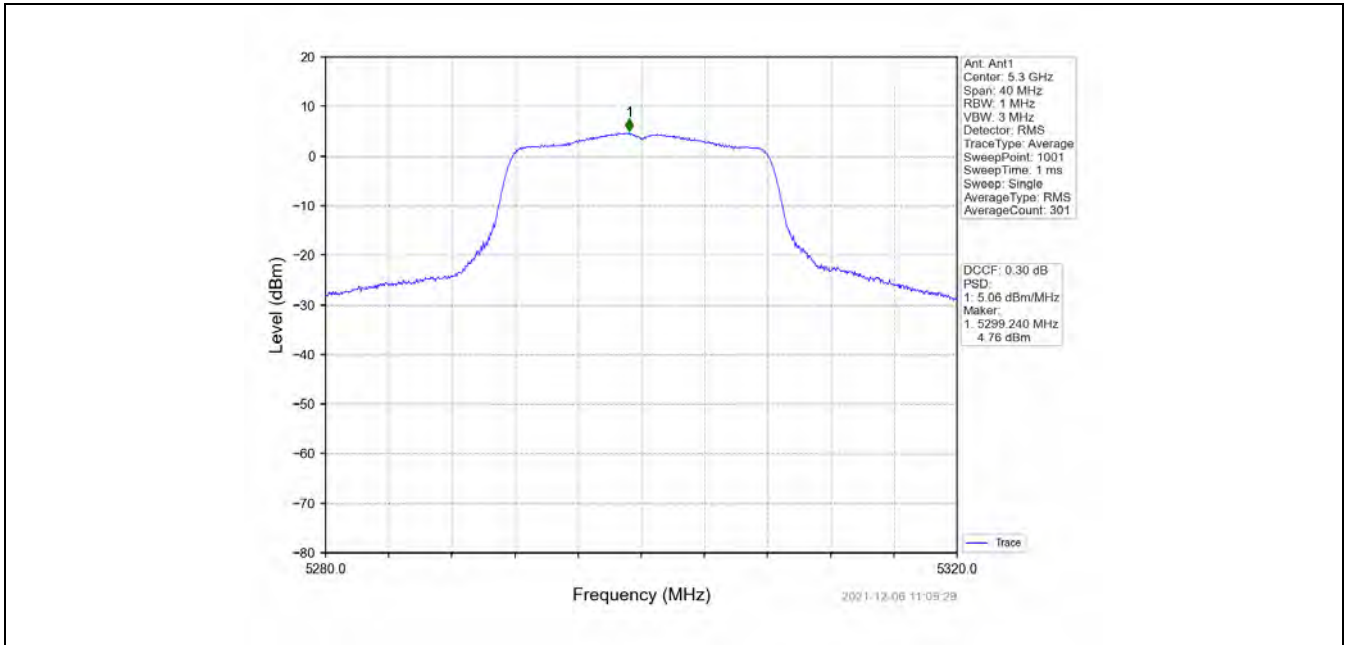


802.11a_MCH_5300MHz_Ant1_NTNV

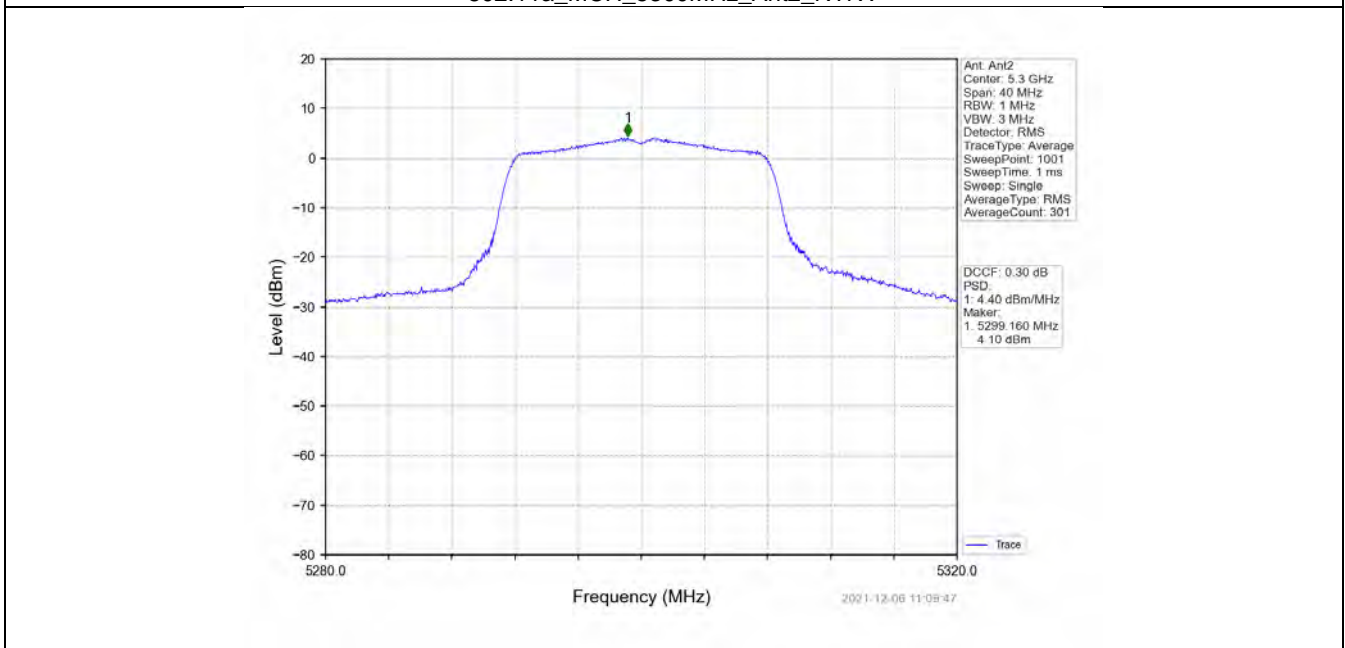


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802.11a_MCH_5300MHz_Ant2_NTNV

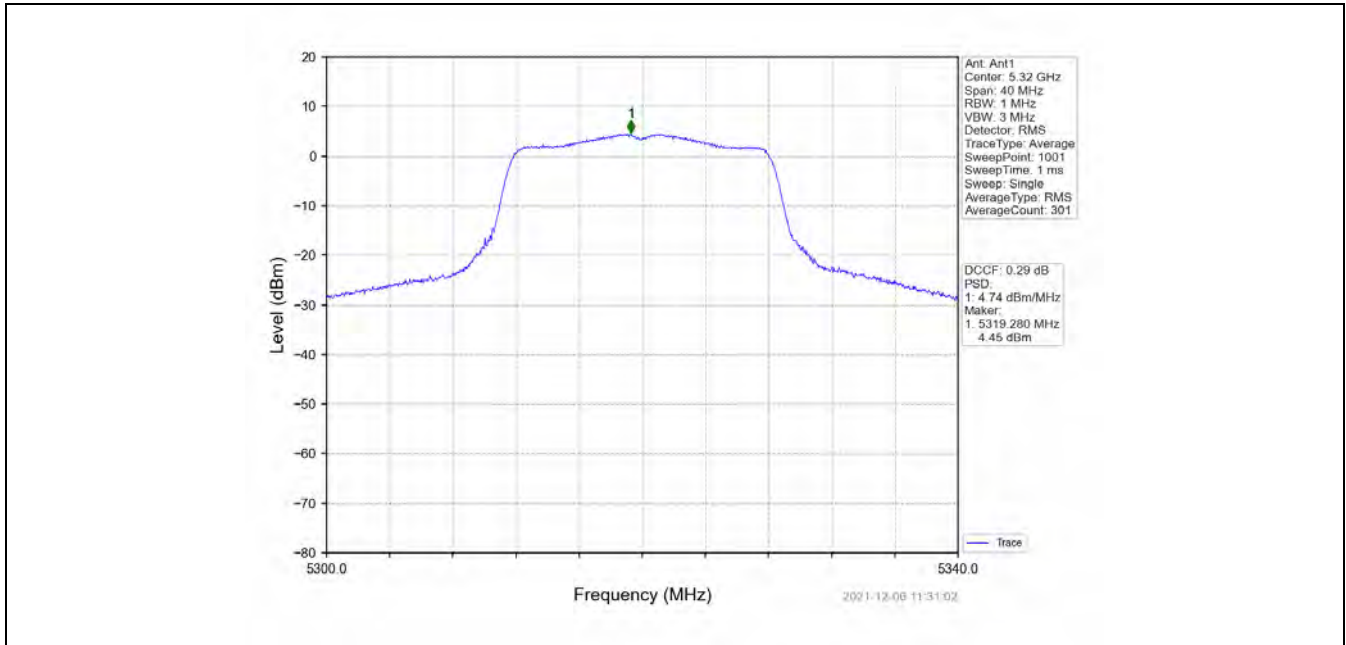


802.11a_HCH_5320MHz_Ant1_NTNV

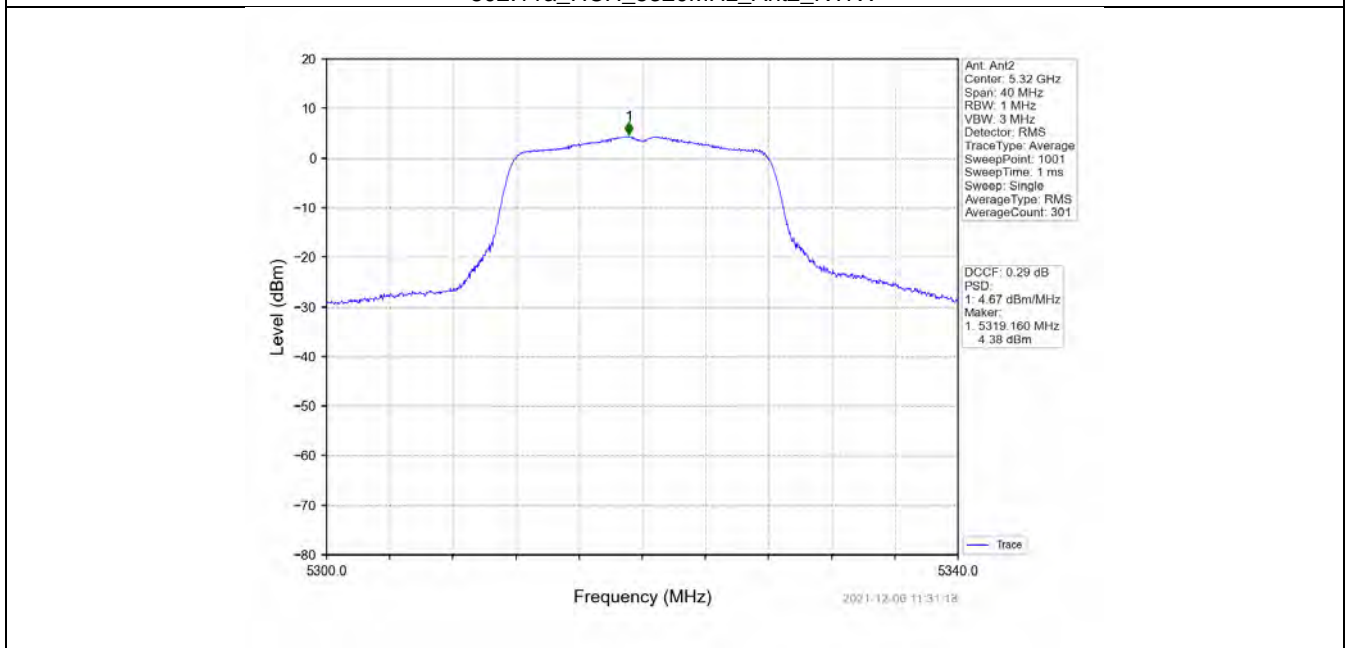


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802.11a_HCH_5320MHz_Ant2_NTNV

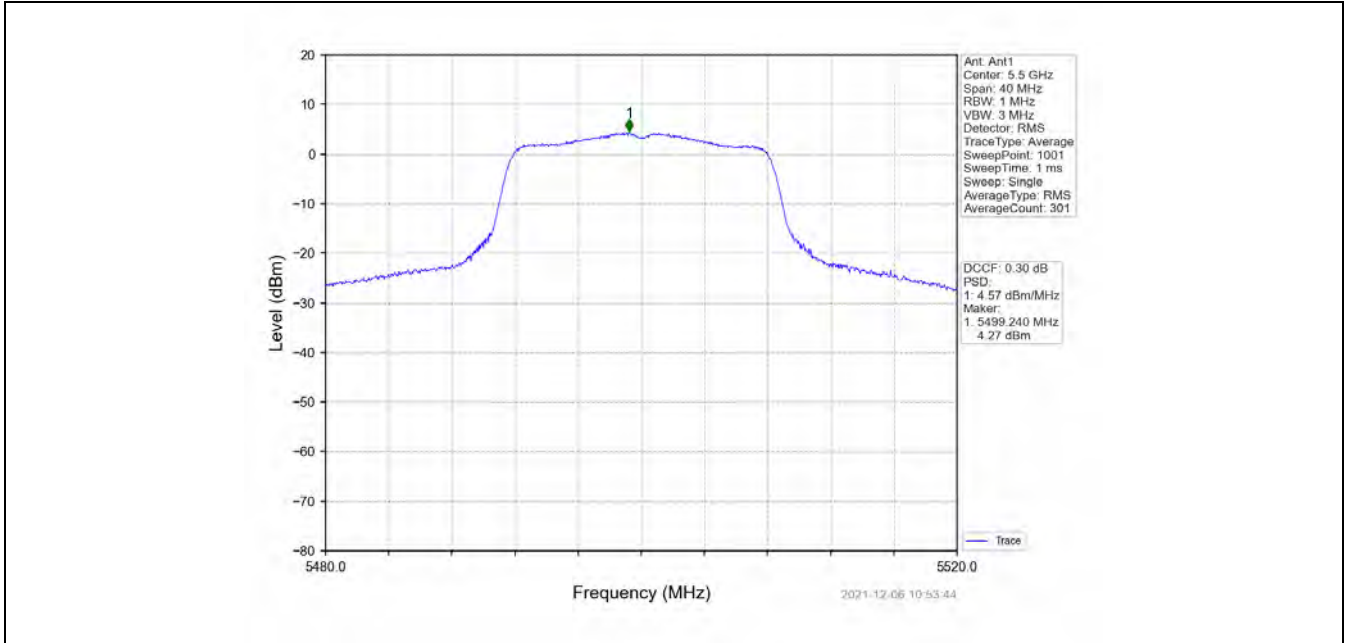


802.11a_LCH_5500MHz_Ant1_NTNV

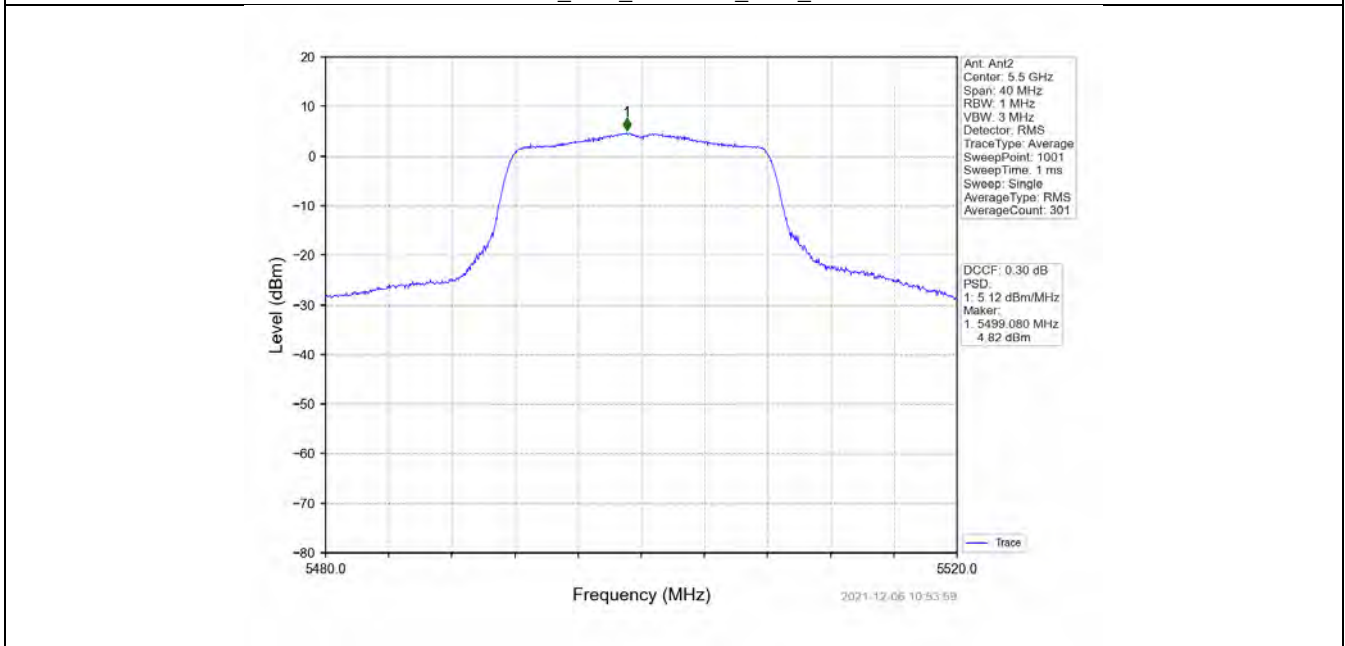


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802.11a_LCH_5500MHz_Ant2_NTNV

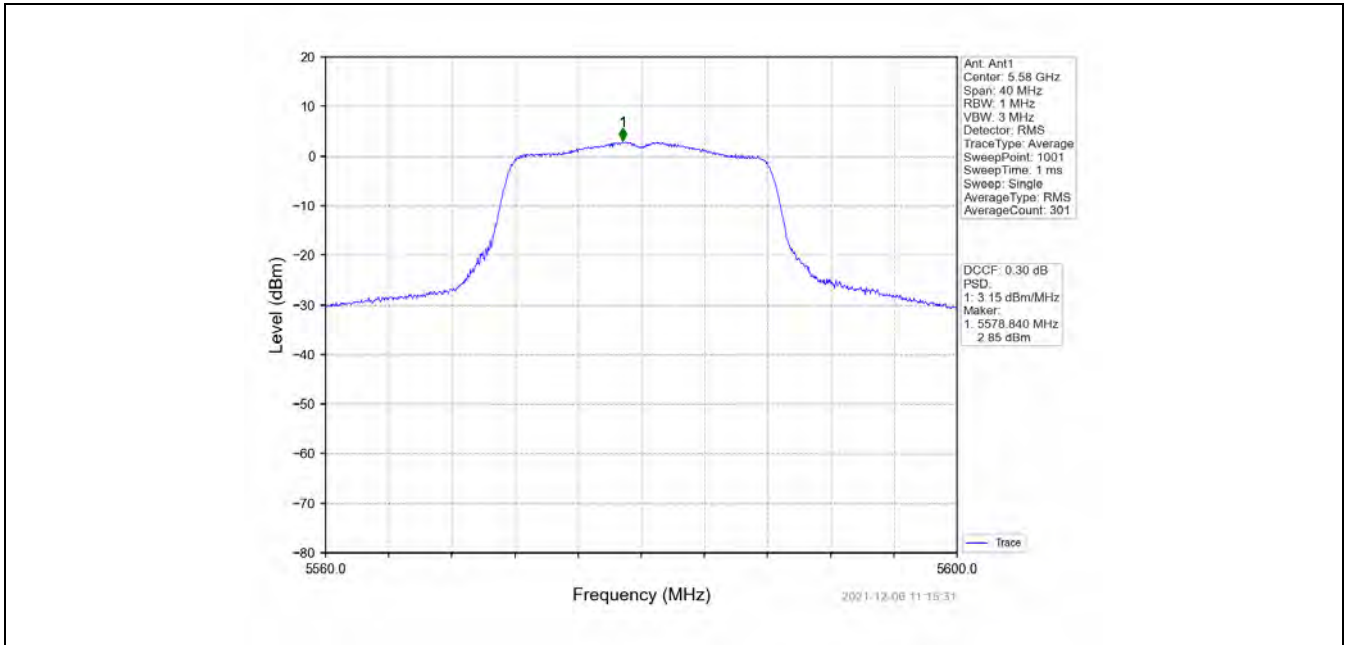


802.11a_MCH_5580MHz_Ant1_NTNV

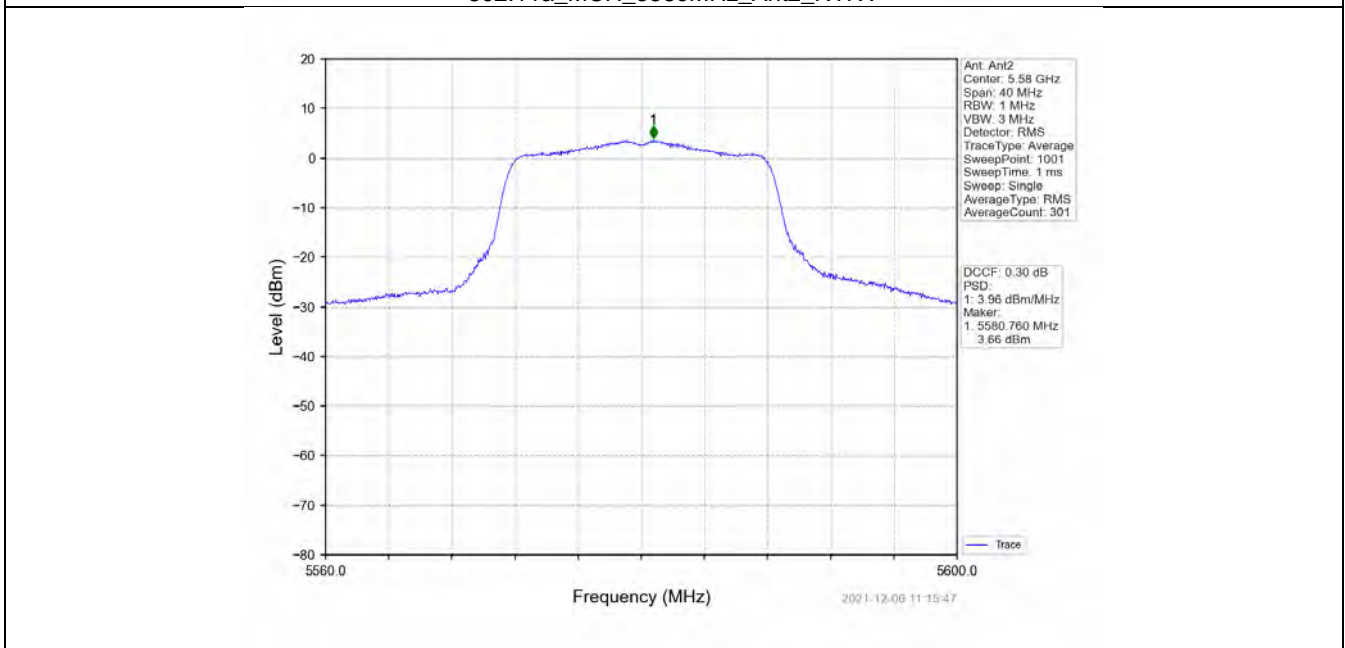


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802.11a_MCH_5580MHz_Ant2_NTNV

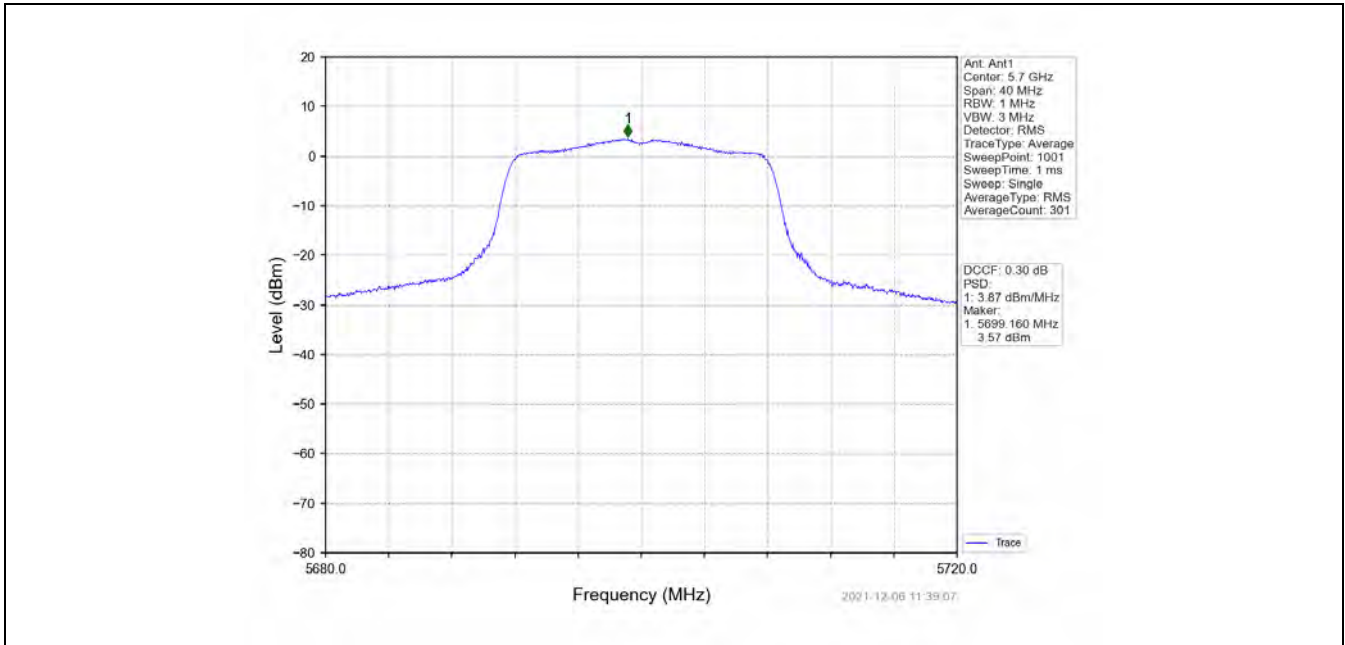


802.11a_HCH_5700MHz_Ant1_NTNV

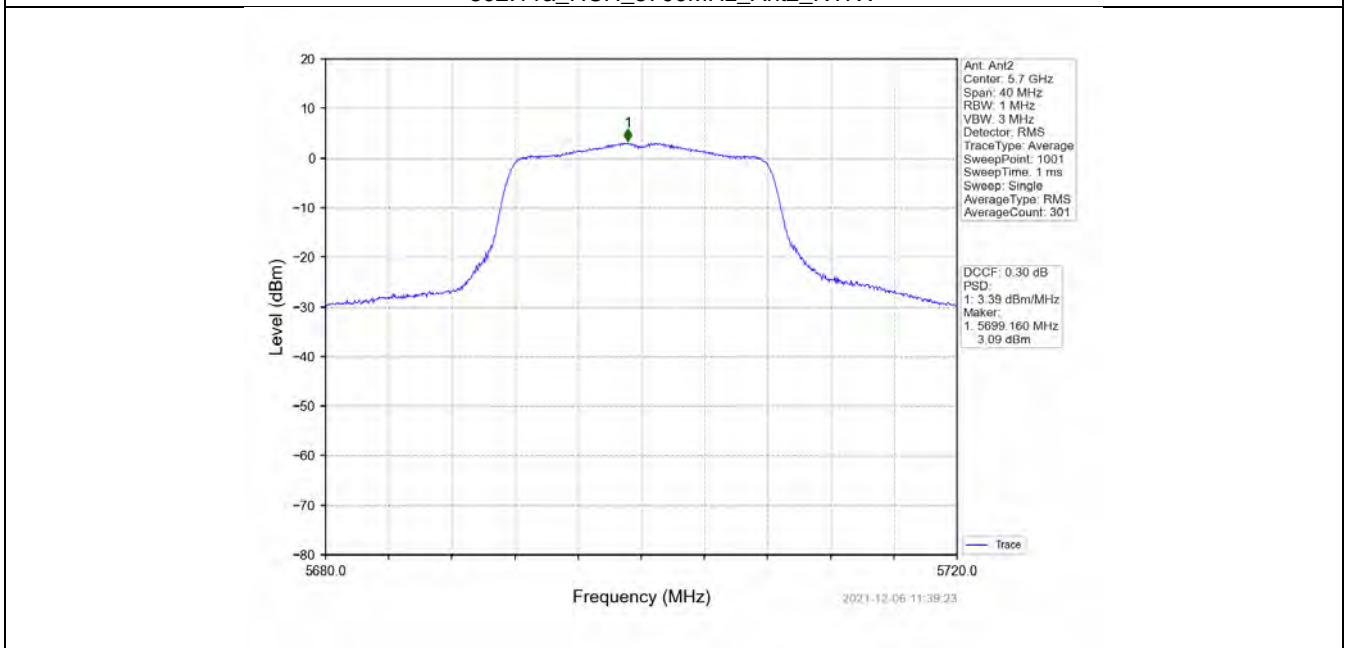


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802.11a_HCH_5700MHz_Ant2_NTNV

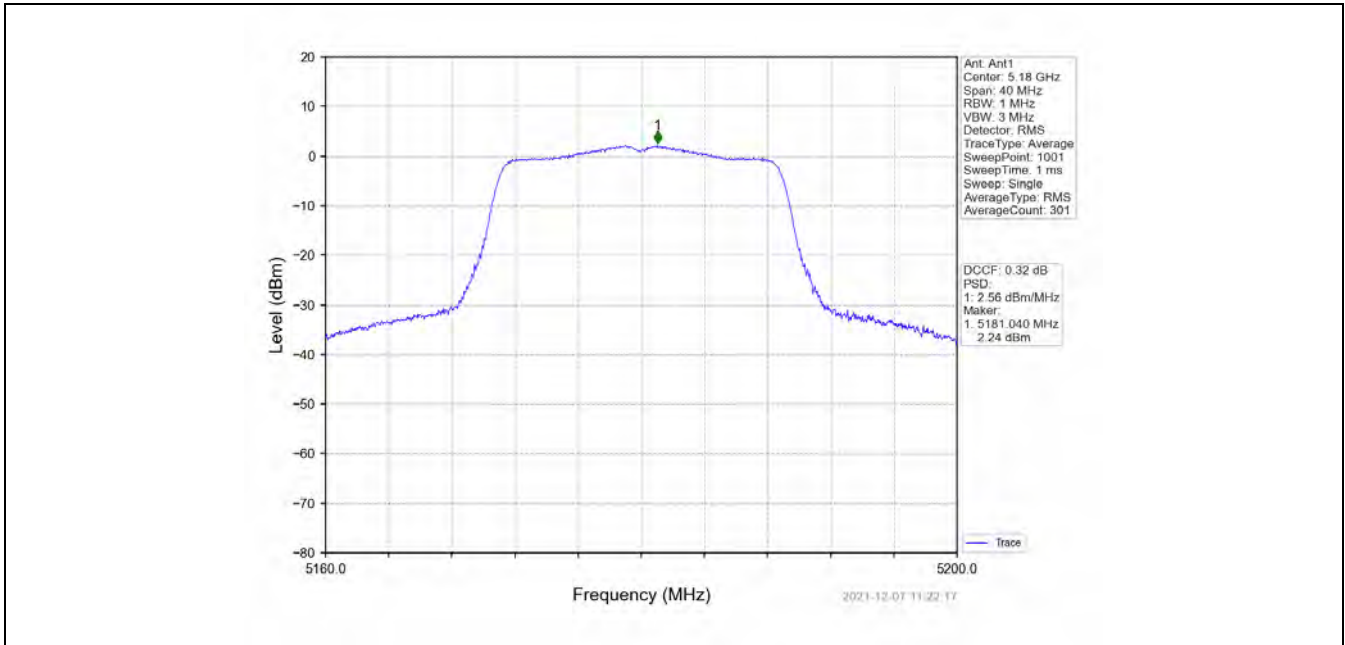


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

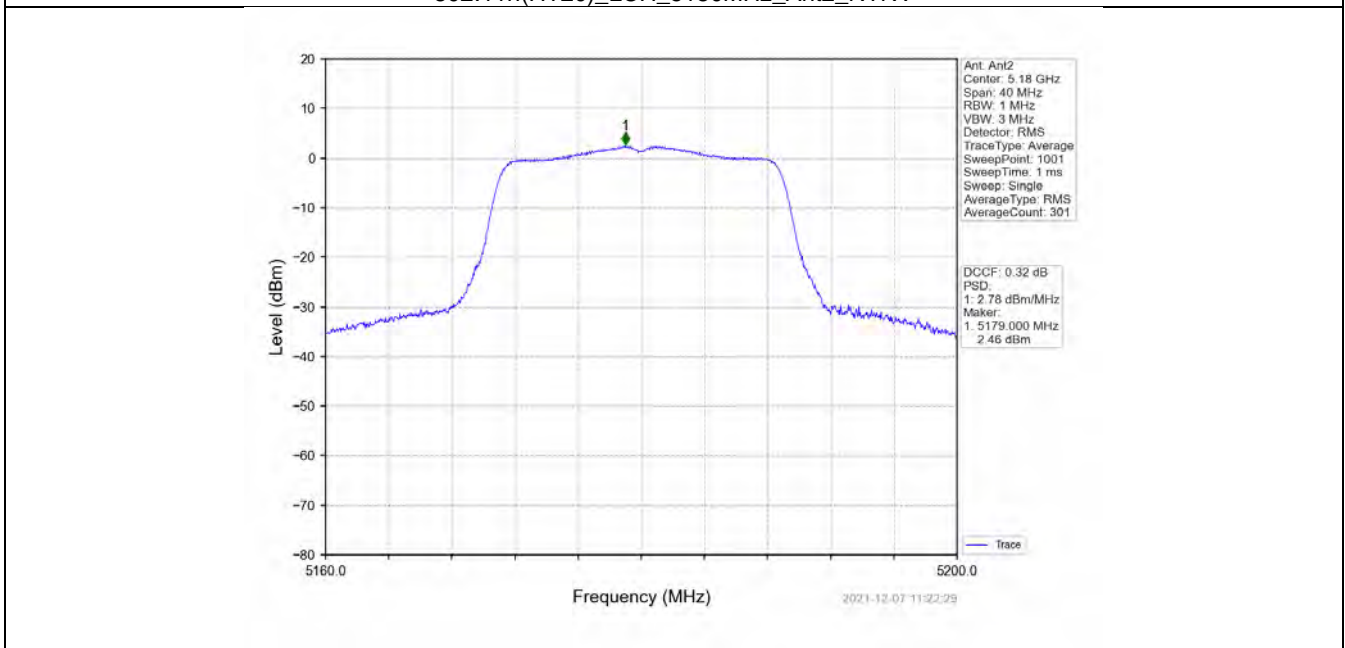


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802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

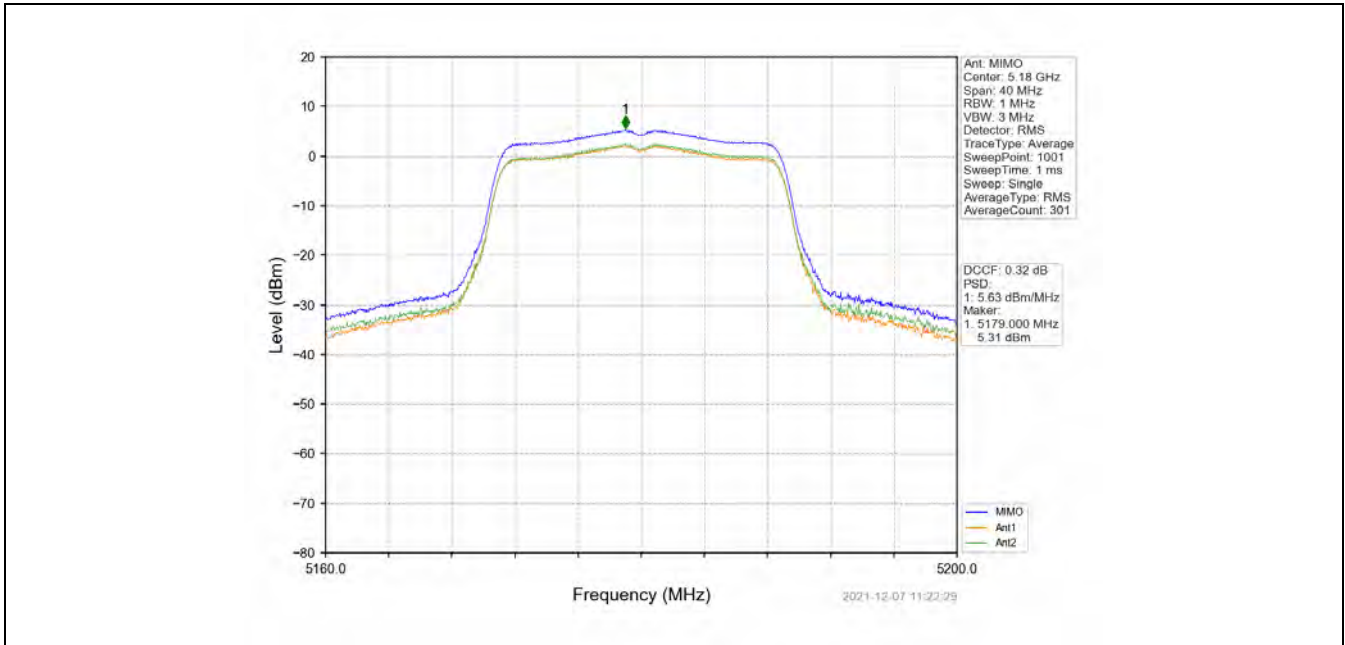


802.11n(HT20)_LCH_5180MHz_MIMO_NTNV

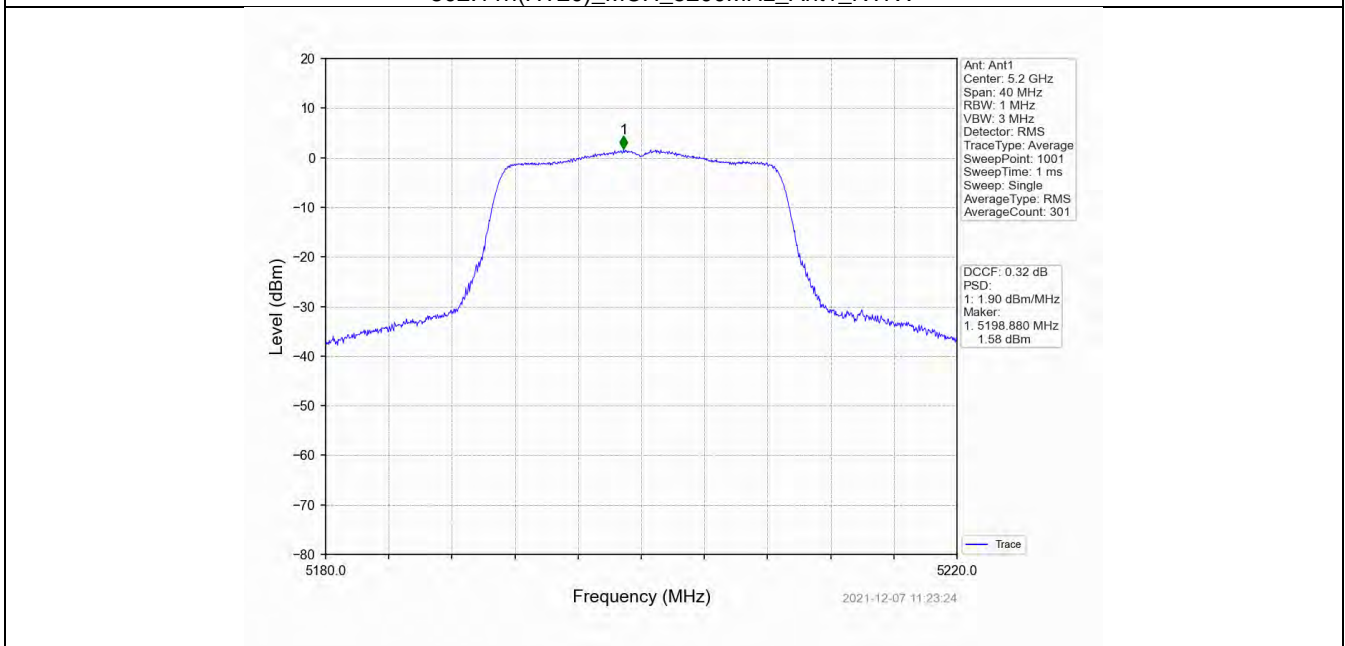


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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

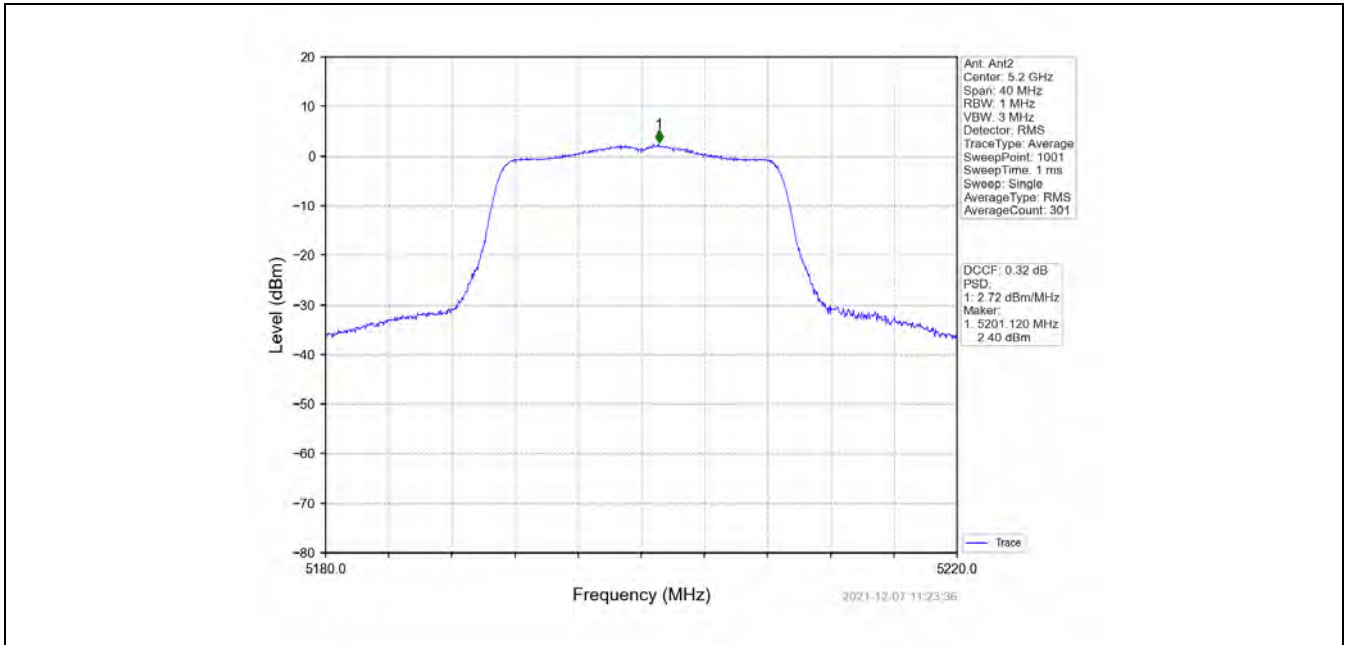


802.11n(HT20)_MCH_5200MHz_Ant2_NTNV

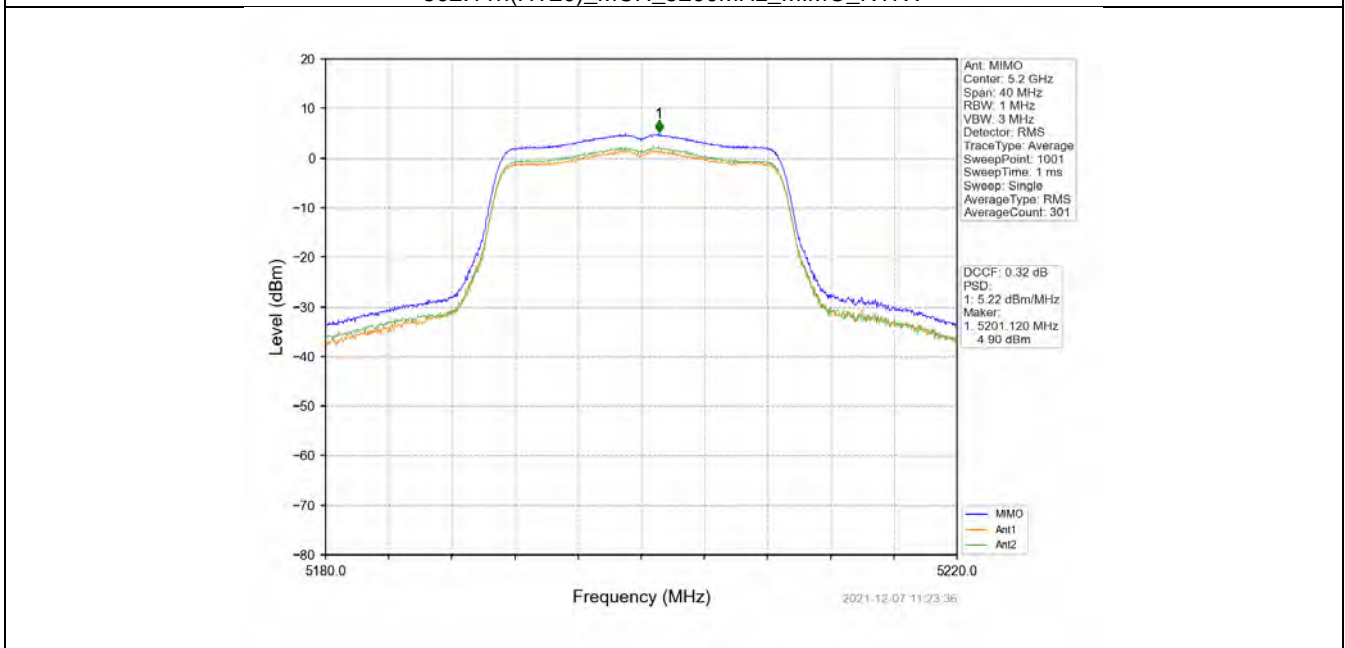


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802.11n(HT20)_MCH_5200MHz_MIMO_NTNV

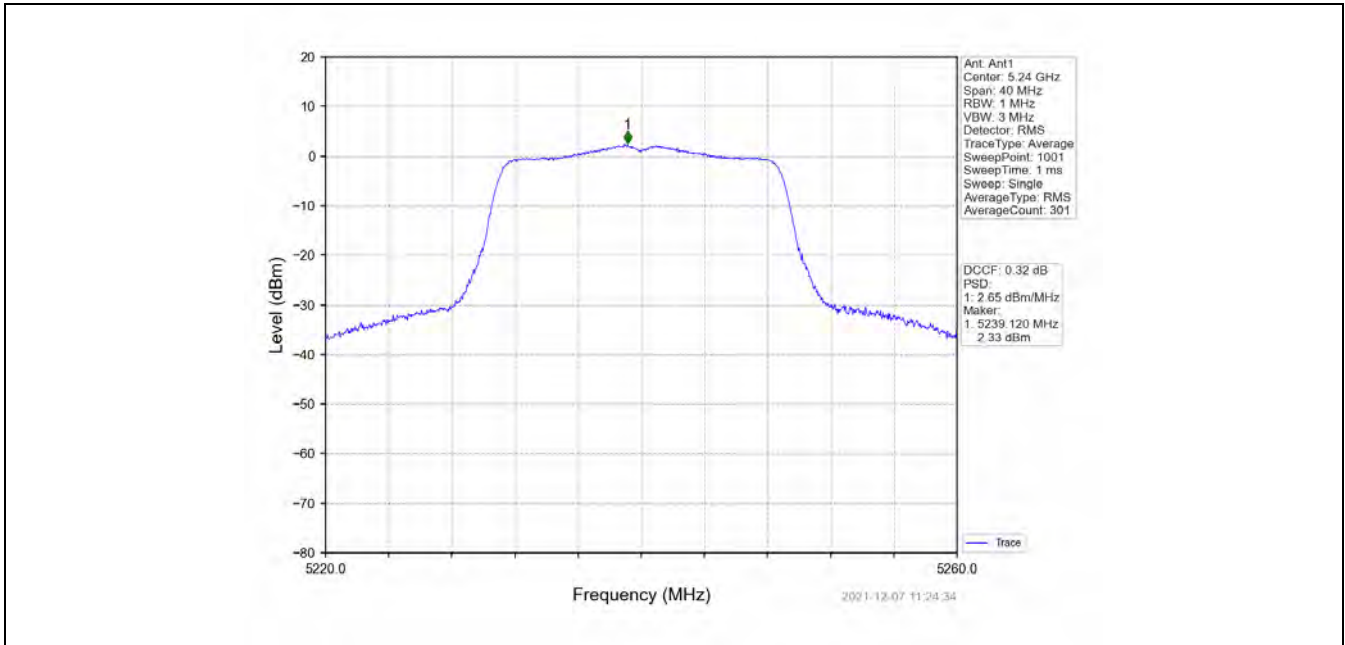


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

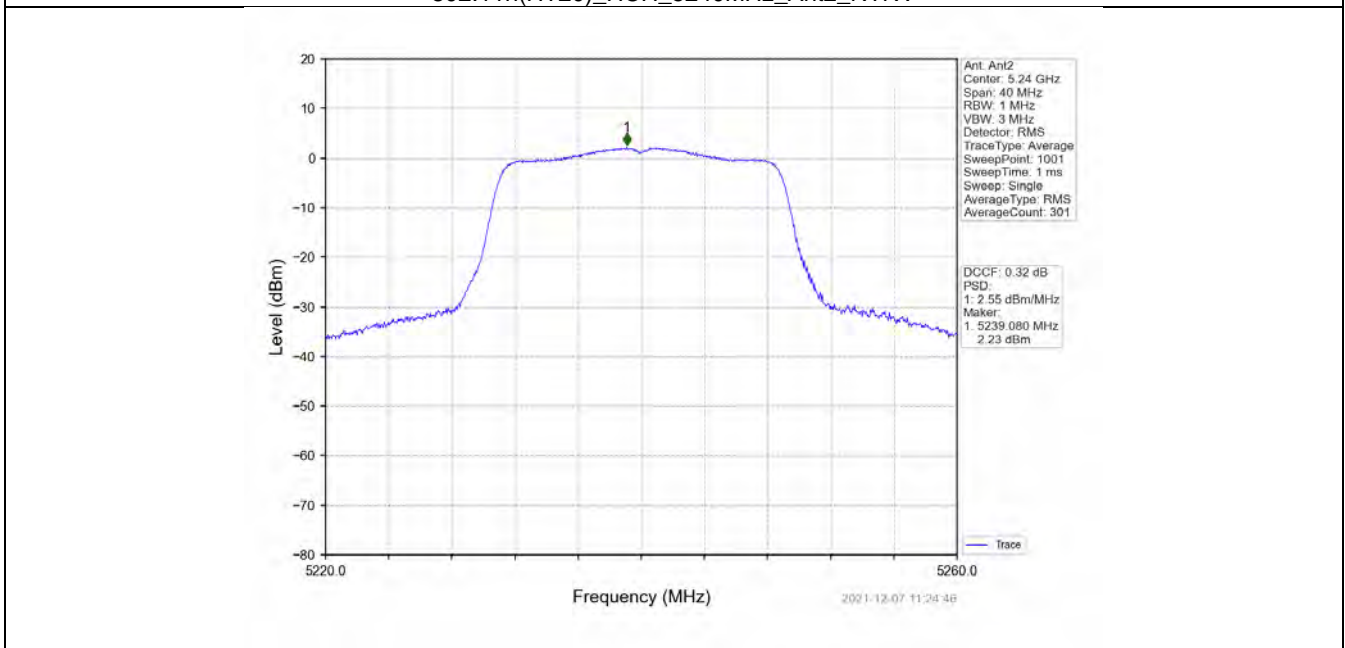


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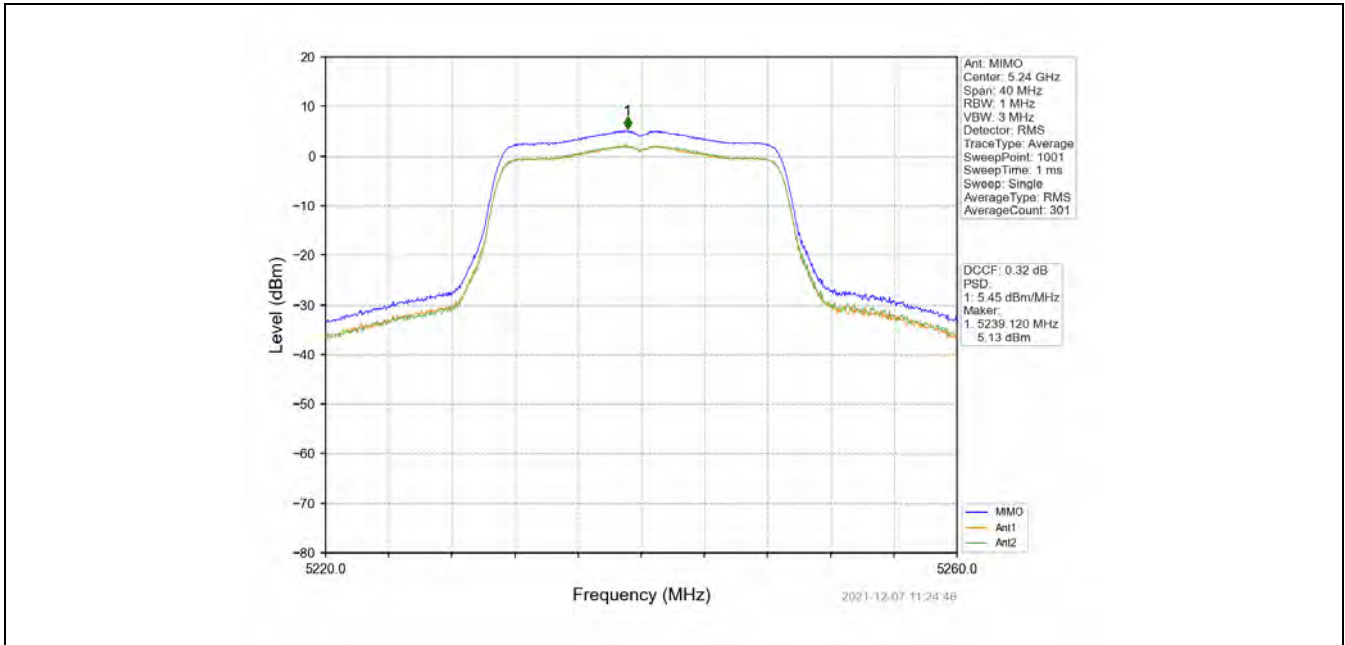
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



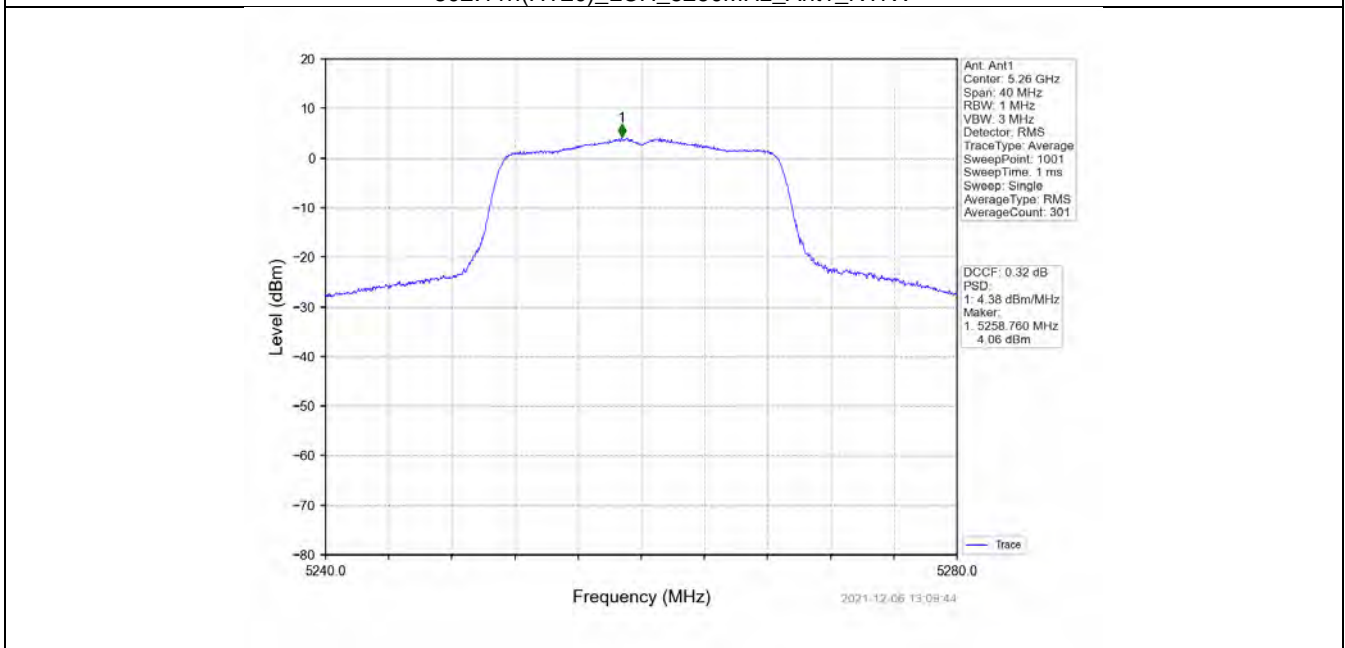
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV

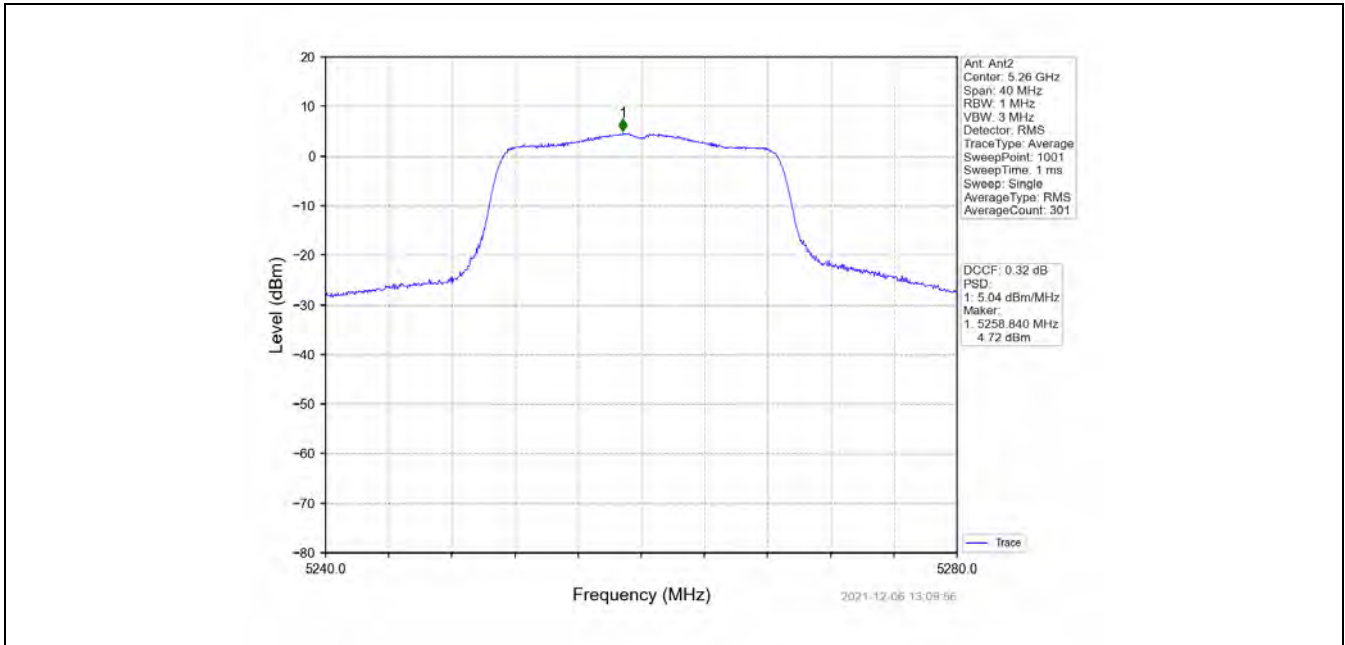


802.11n(HT20)_LCH_5260MHz_Ant2_NTNV

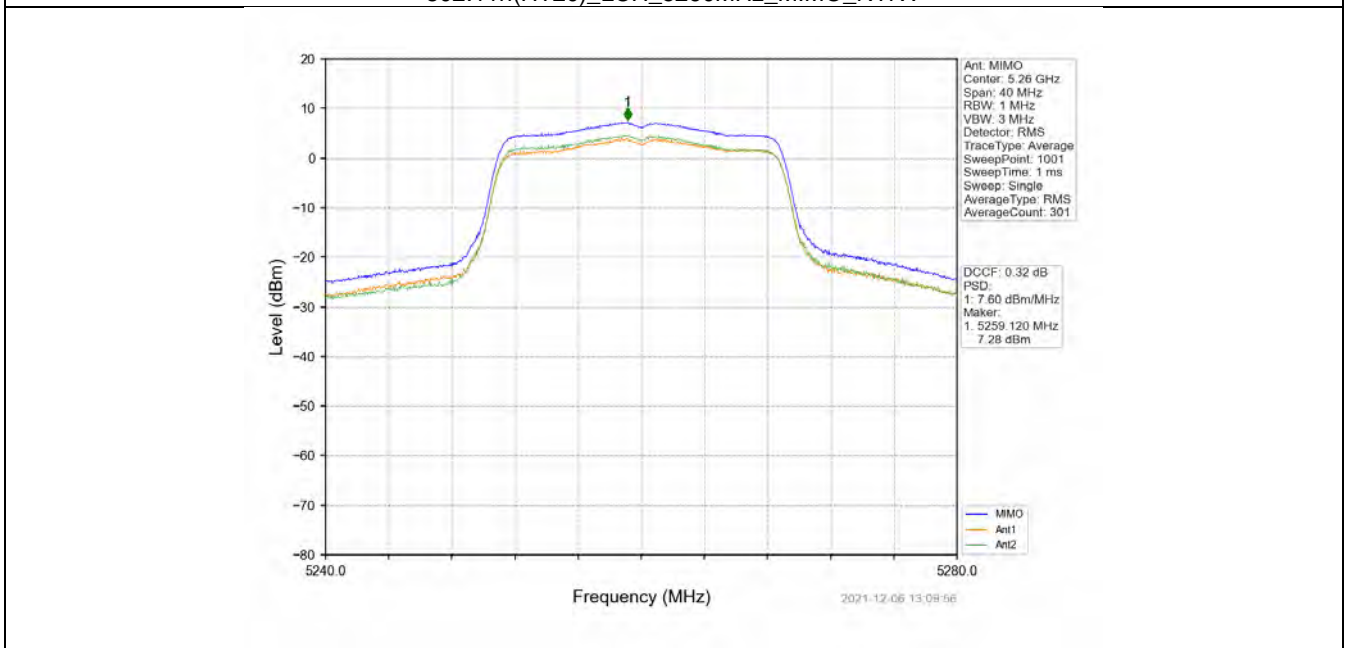


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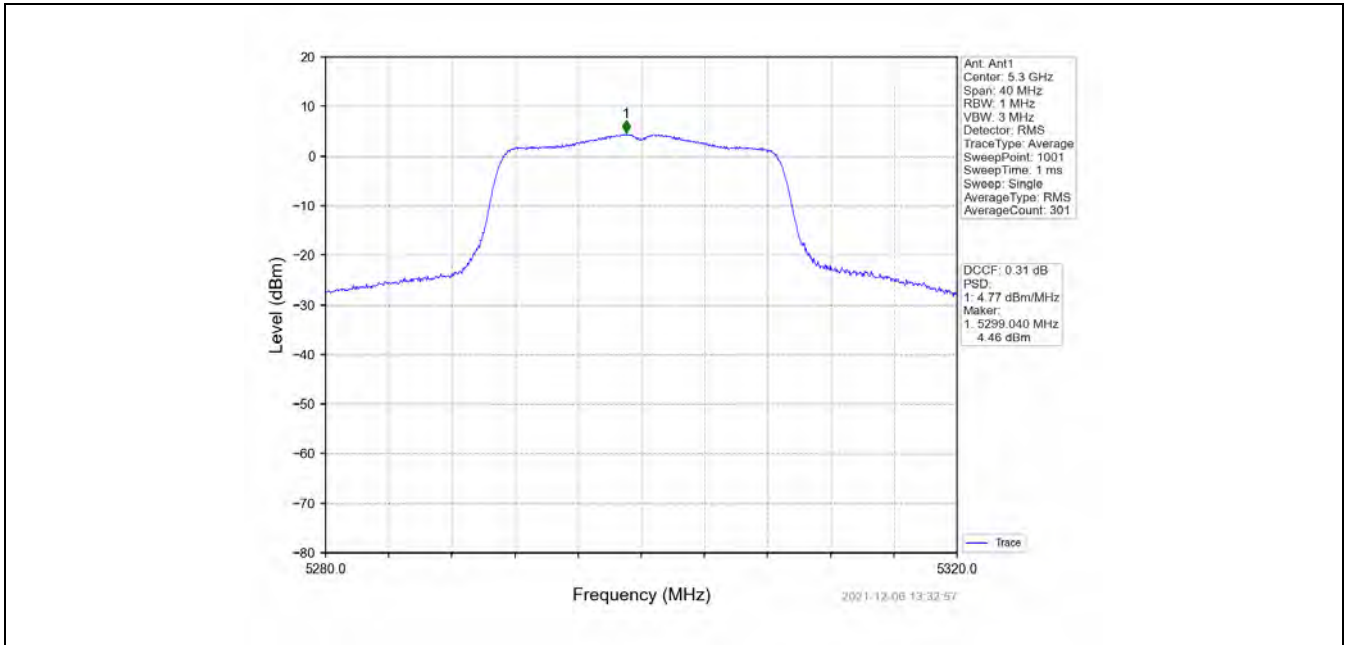
802.11n(HT20)_LCH_5260MHz_MIMO_NTNV



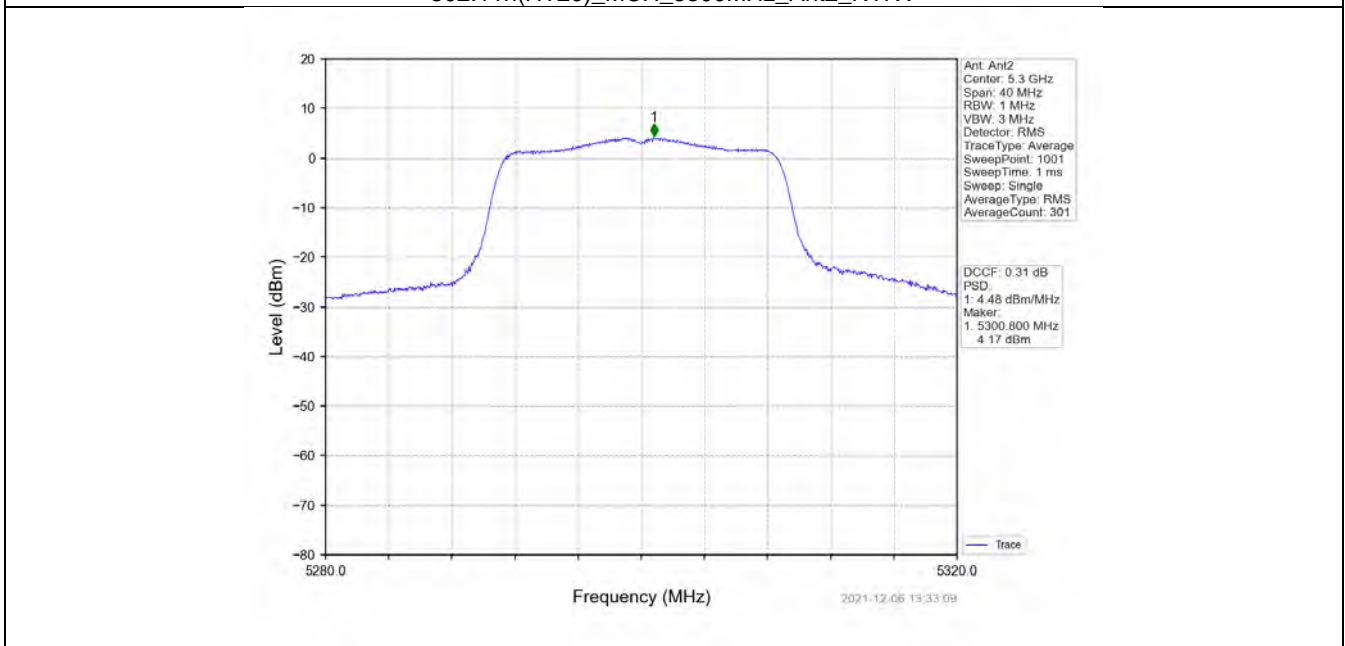
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



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802.11n(HT20)_MCH_5300MHz_Ant2_NTNV

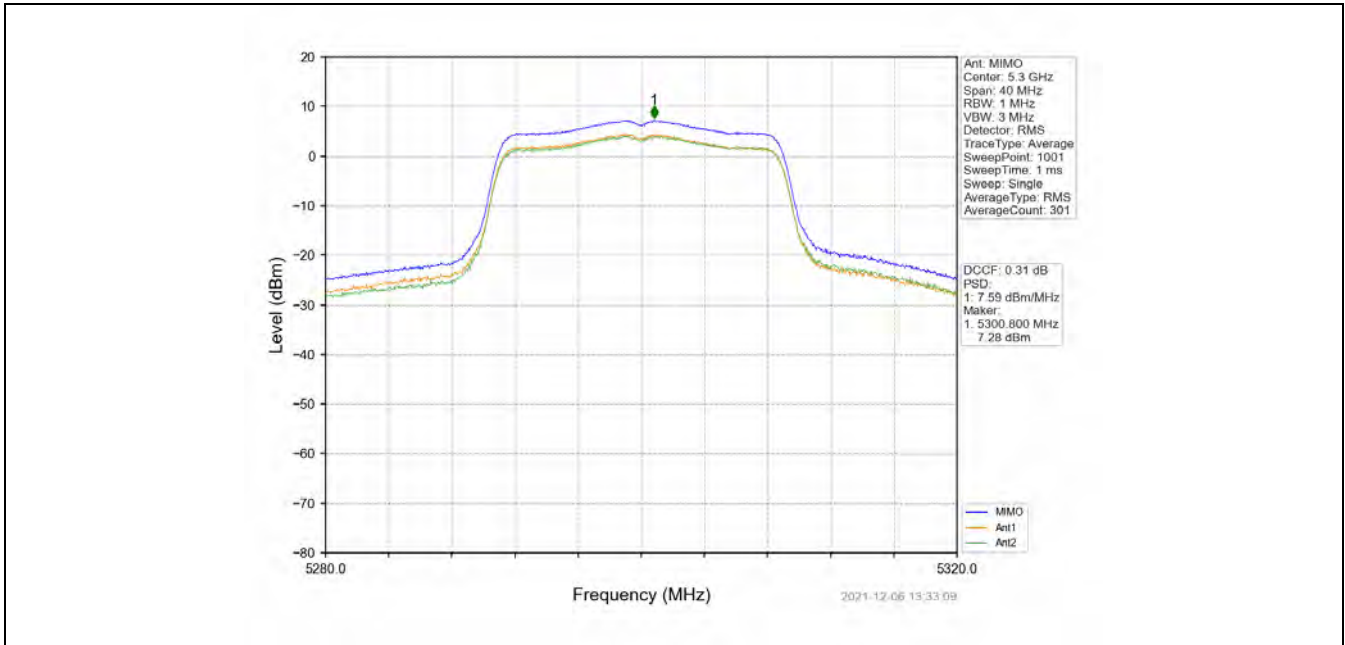


802.11n(HT20)_MCH_5300MHz_MIMO_NTNV

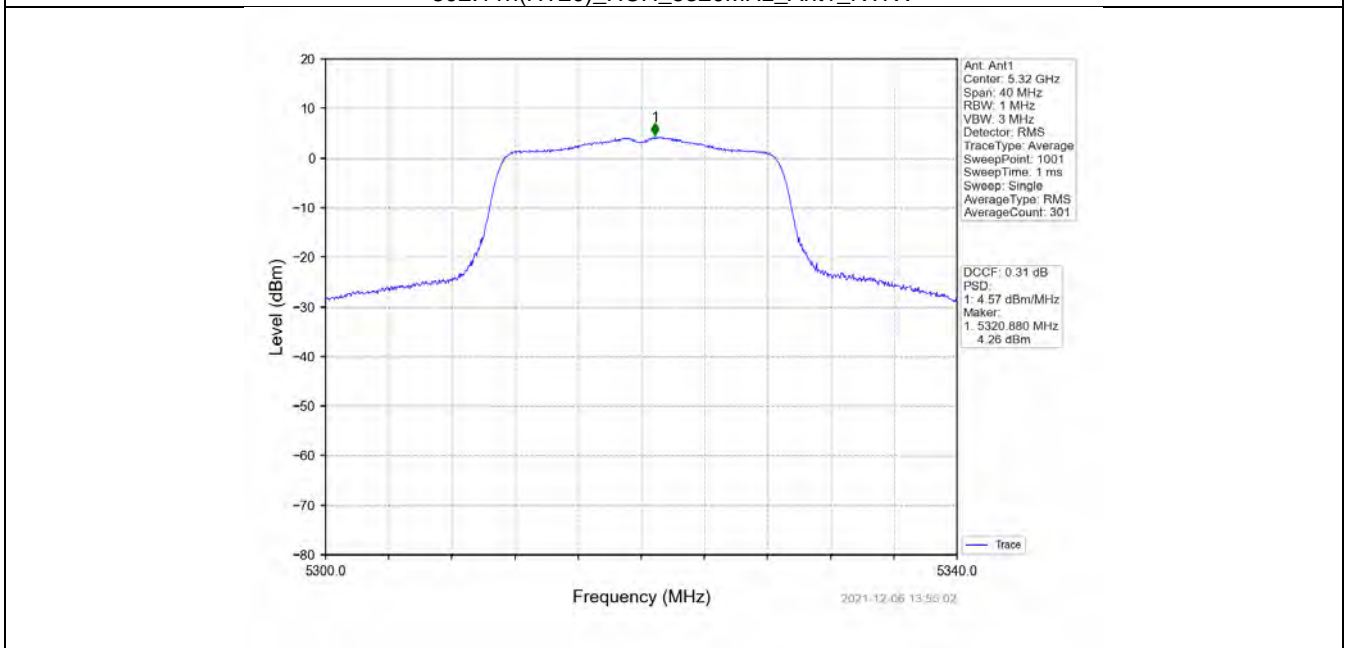


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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

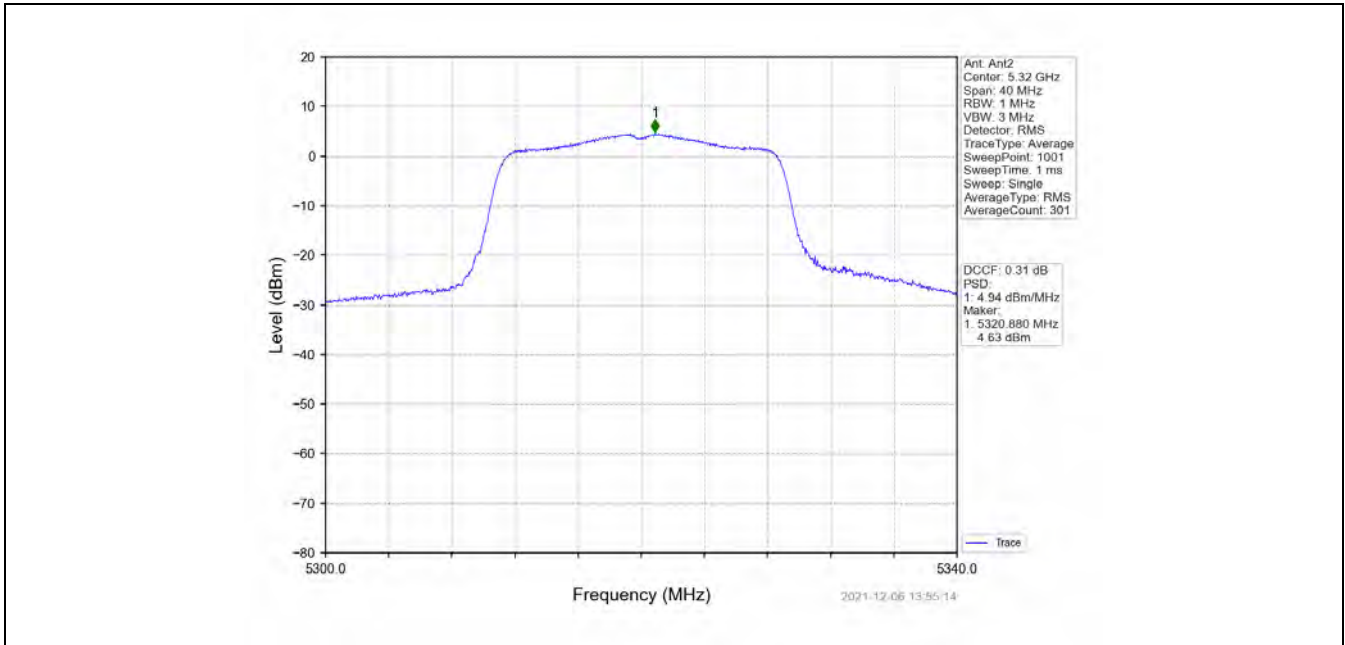


802.11n(HT20)_HCH_5320MHz_Ant2_NTNV

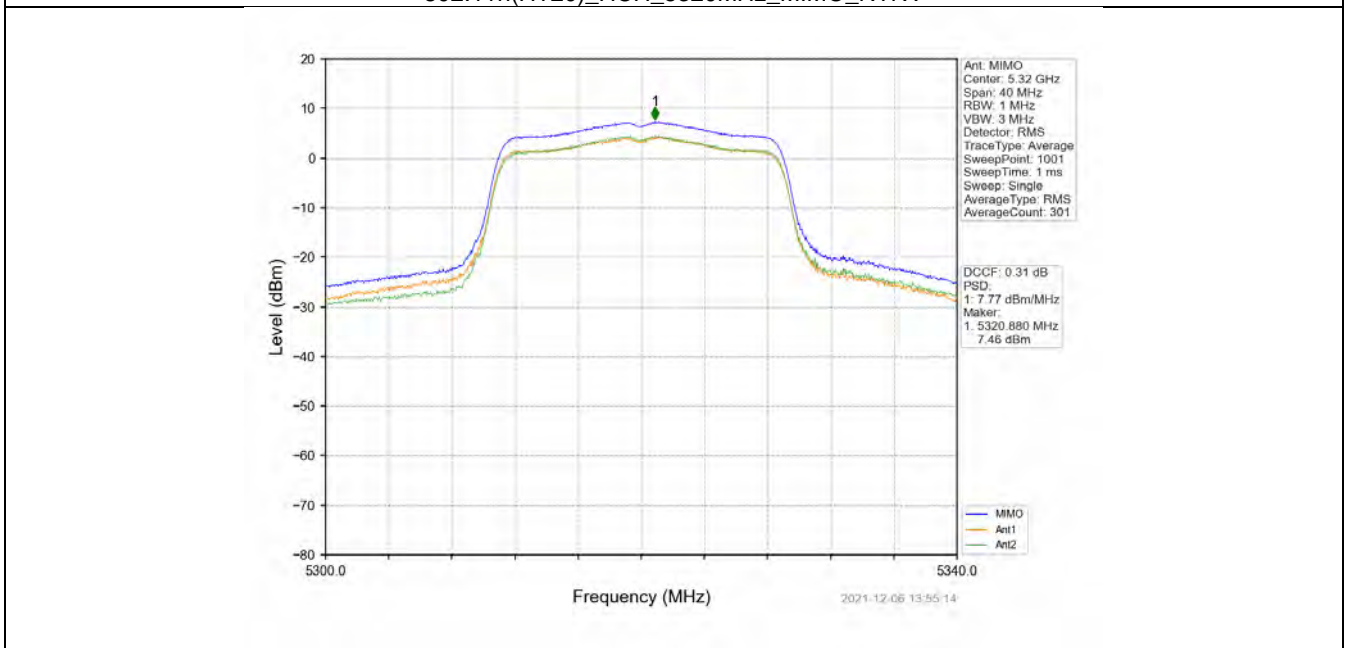


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802.11n(HT20)_HCH_5320MHz_MIMO_NTNV

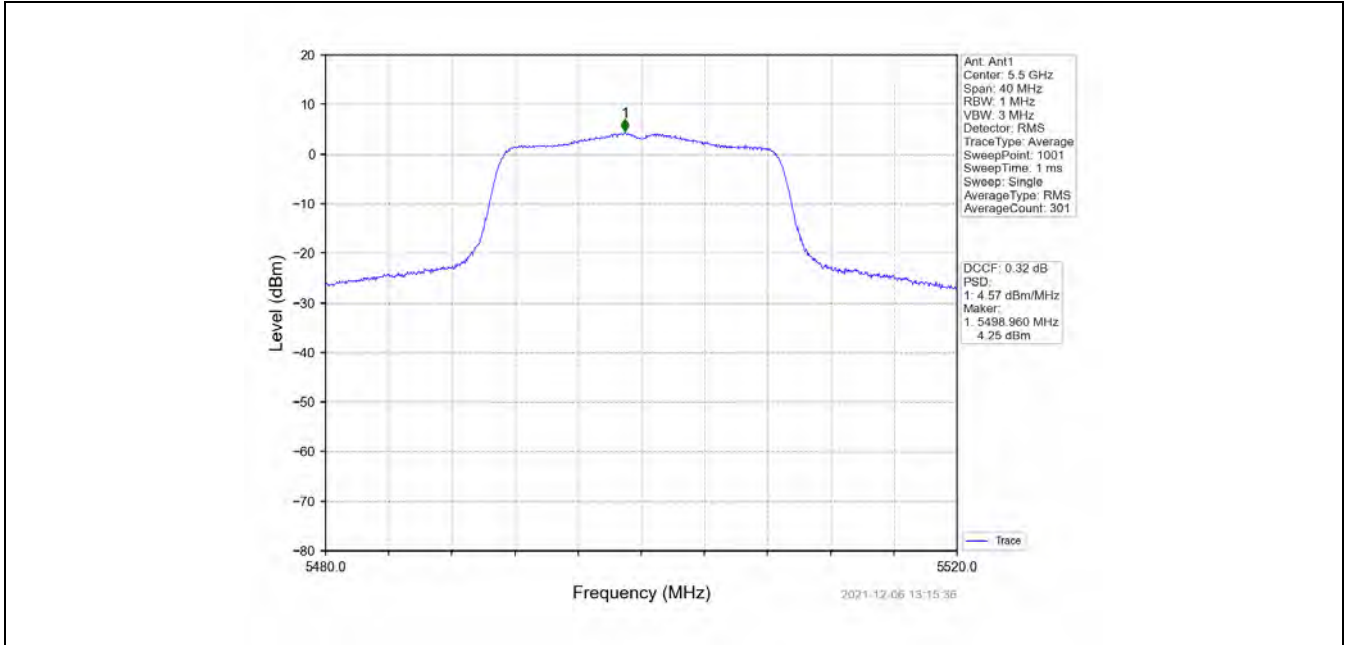


802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

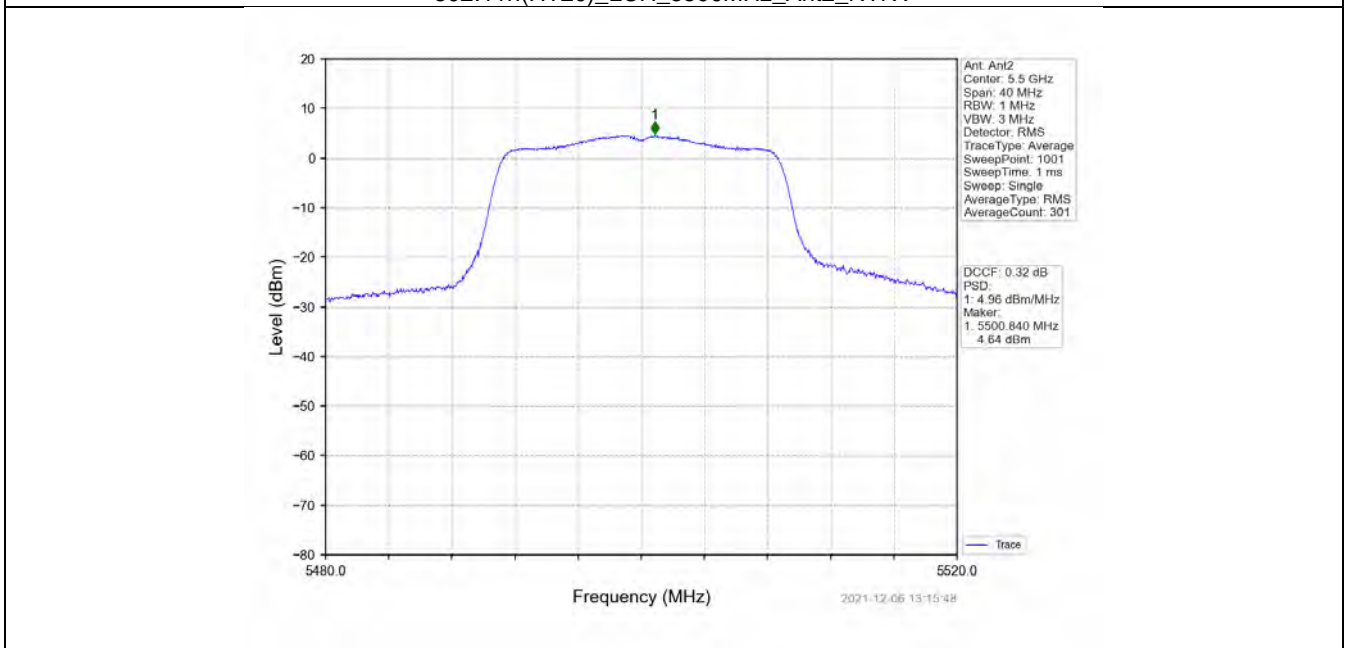


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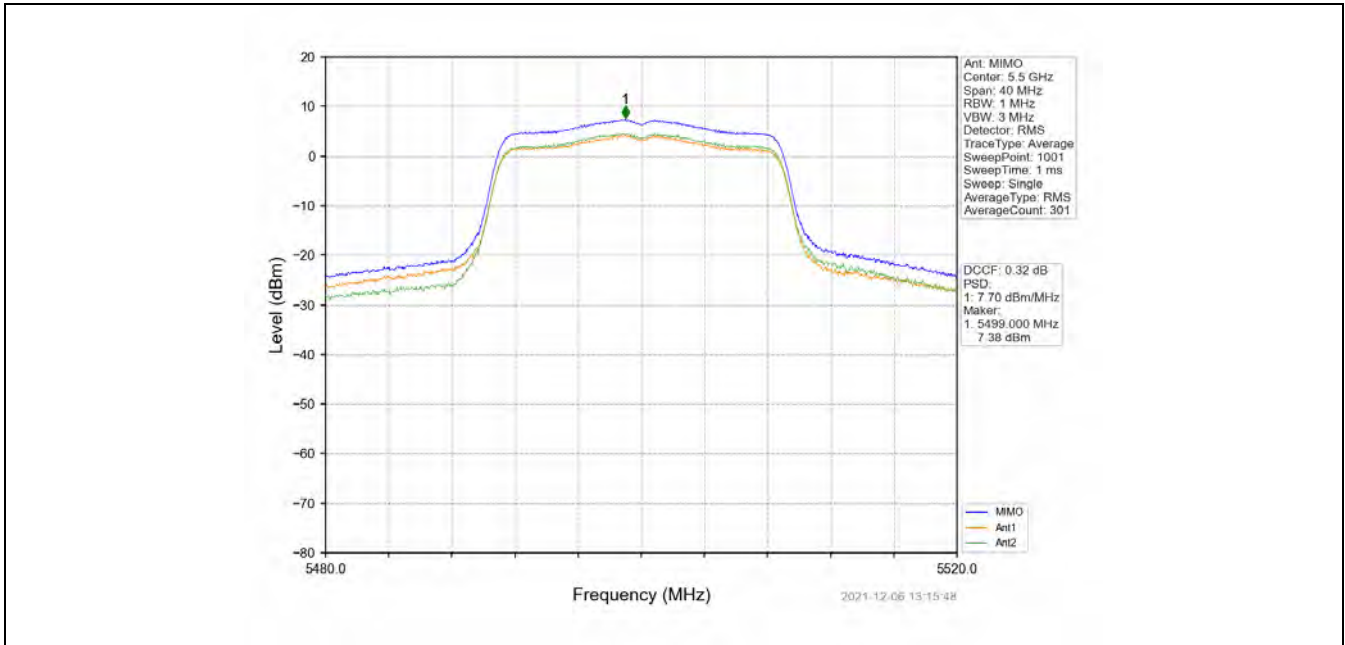
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



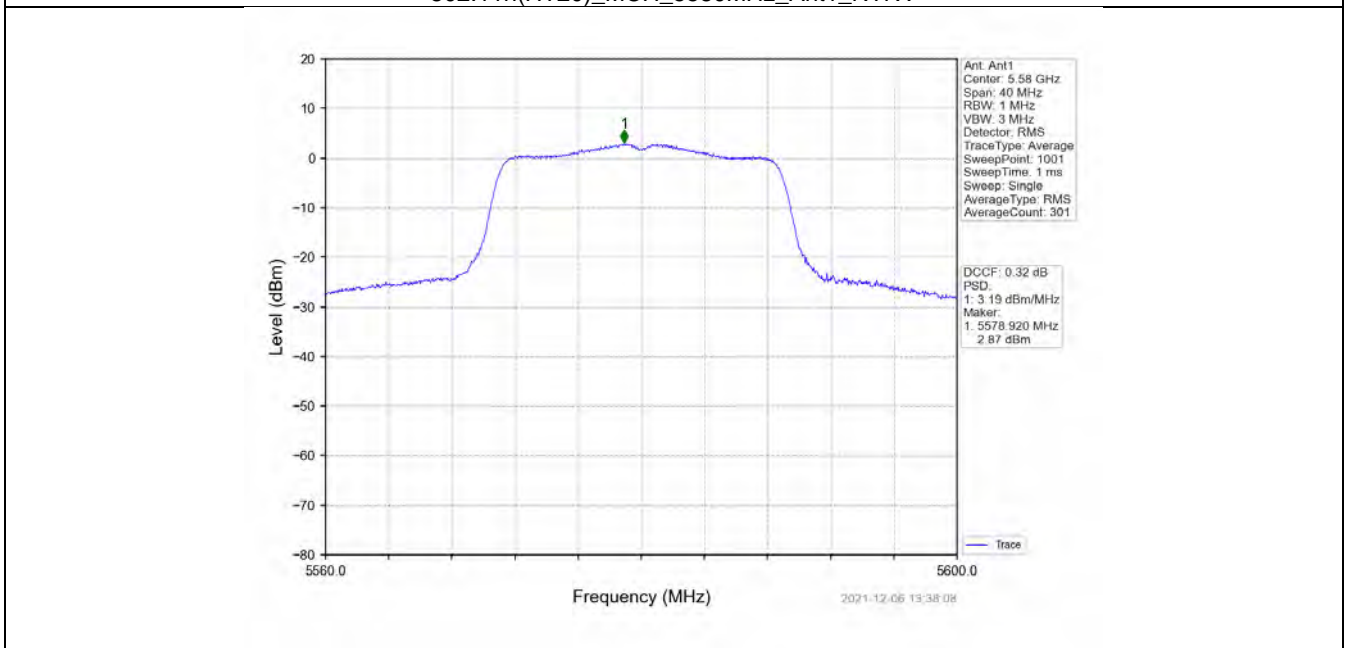
802.11n(HT20)_LCH_5500MHz_MIMO_NTNV



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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

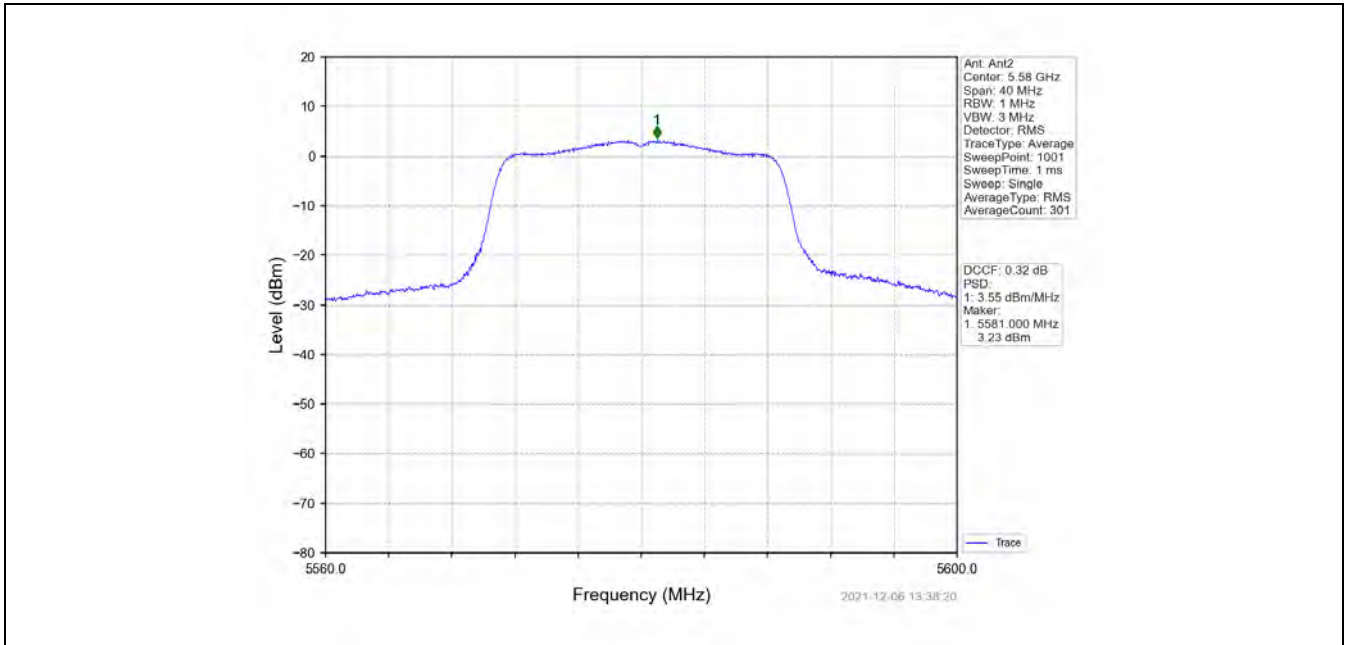


802.11n(HT20)_MCH_5580MHz_Ant2_NTNV

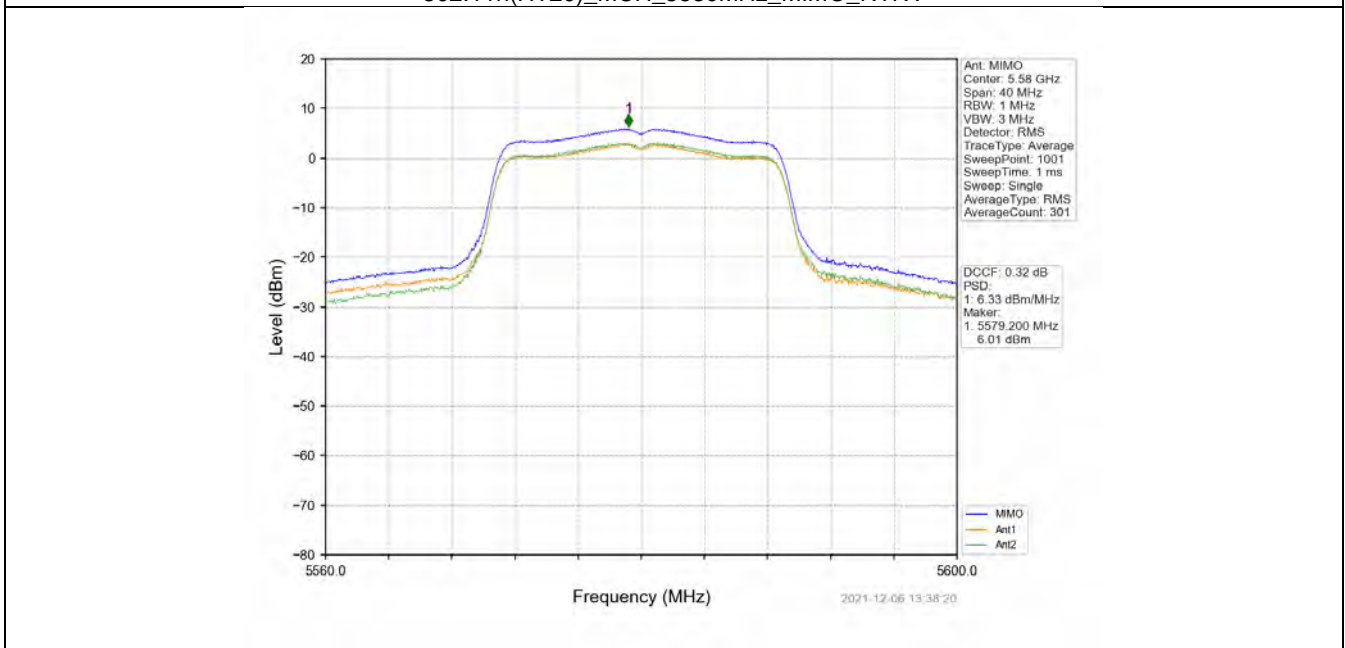


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802.11n(HT20)_MCH_5580MHz_MIMO_NTNV

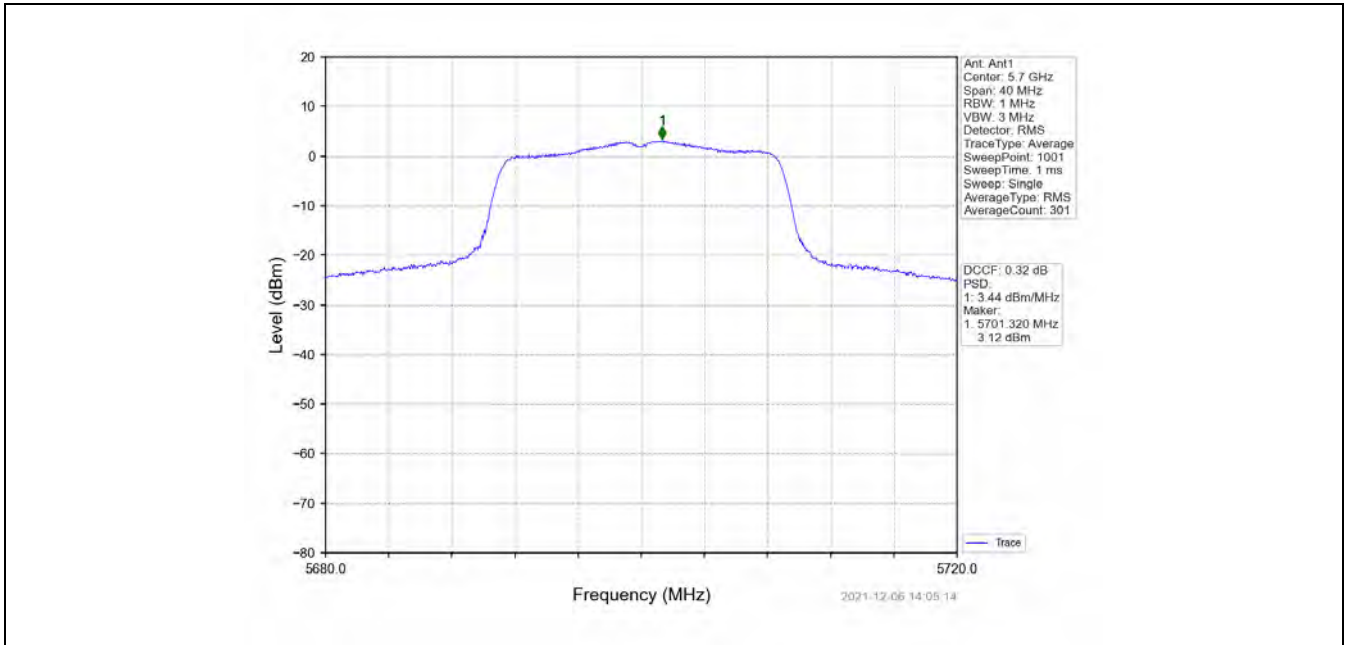


802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

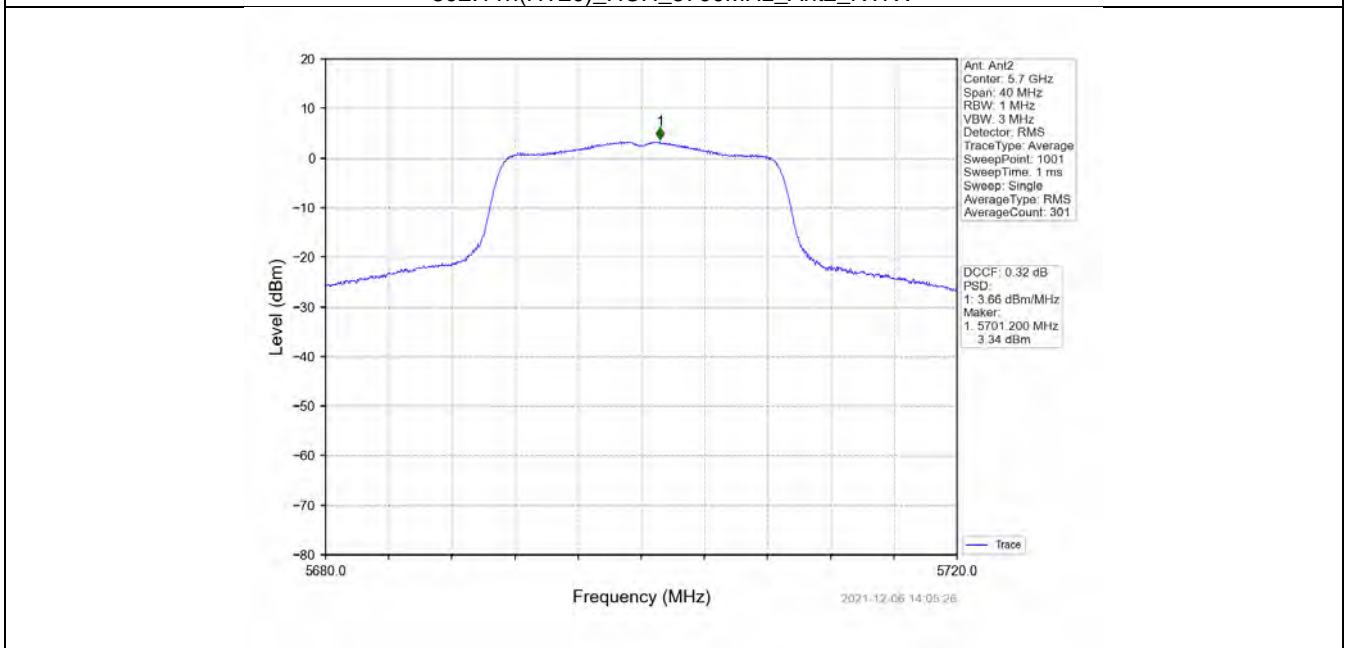


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802.11n(HT20)_HCH_5700MHz_Ant2_NTNV

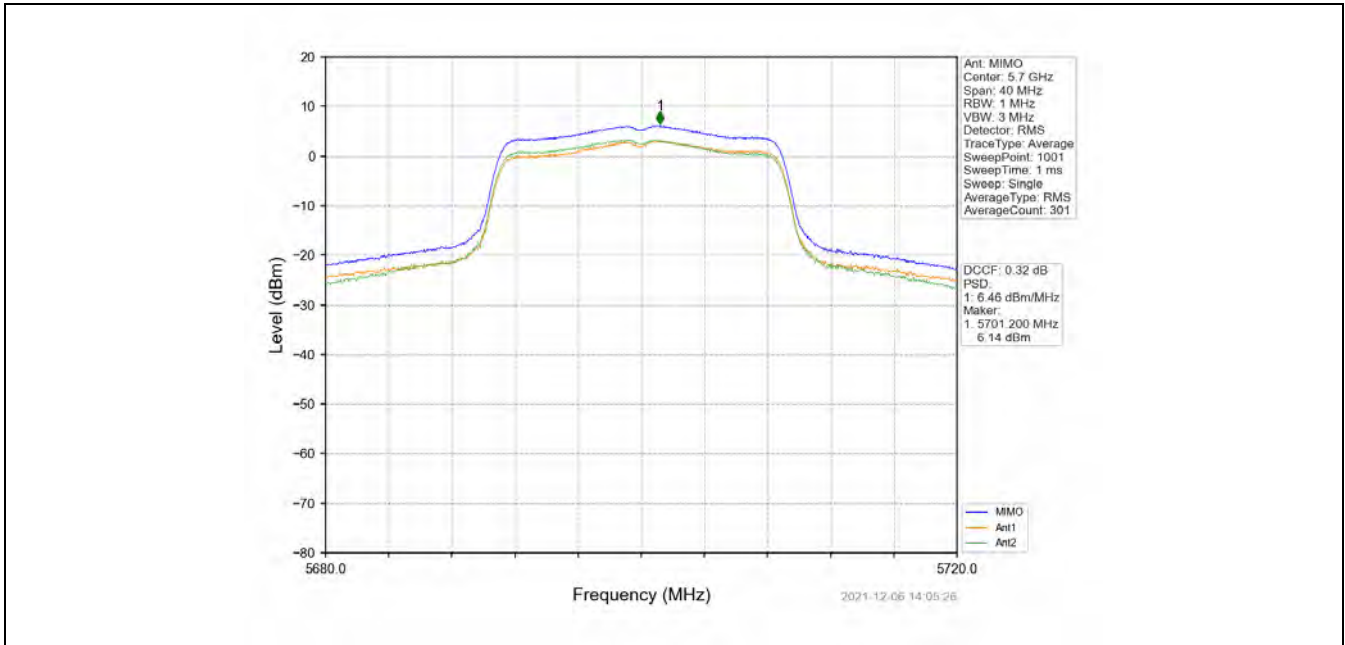


802.11n(HT20)_HCH_5700MHz_MIMO_NTNV

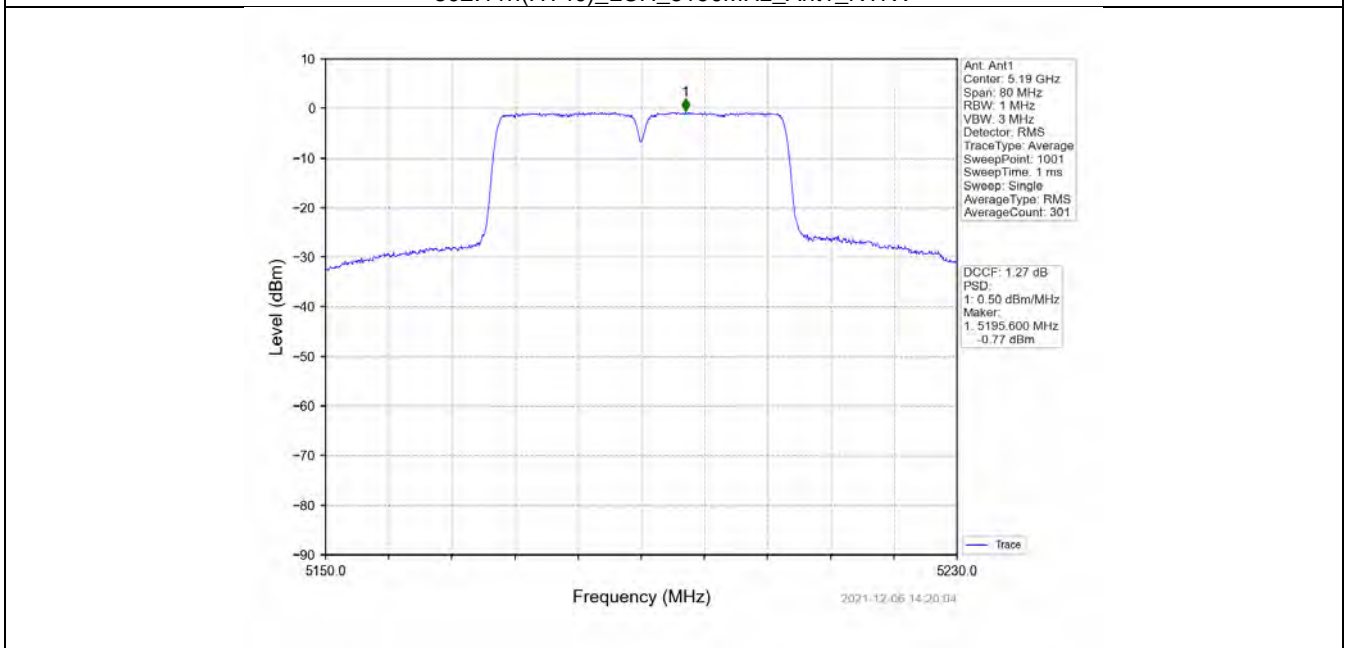


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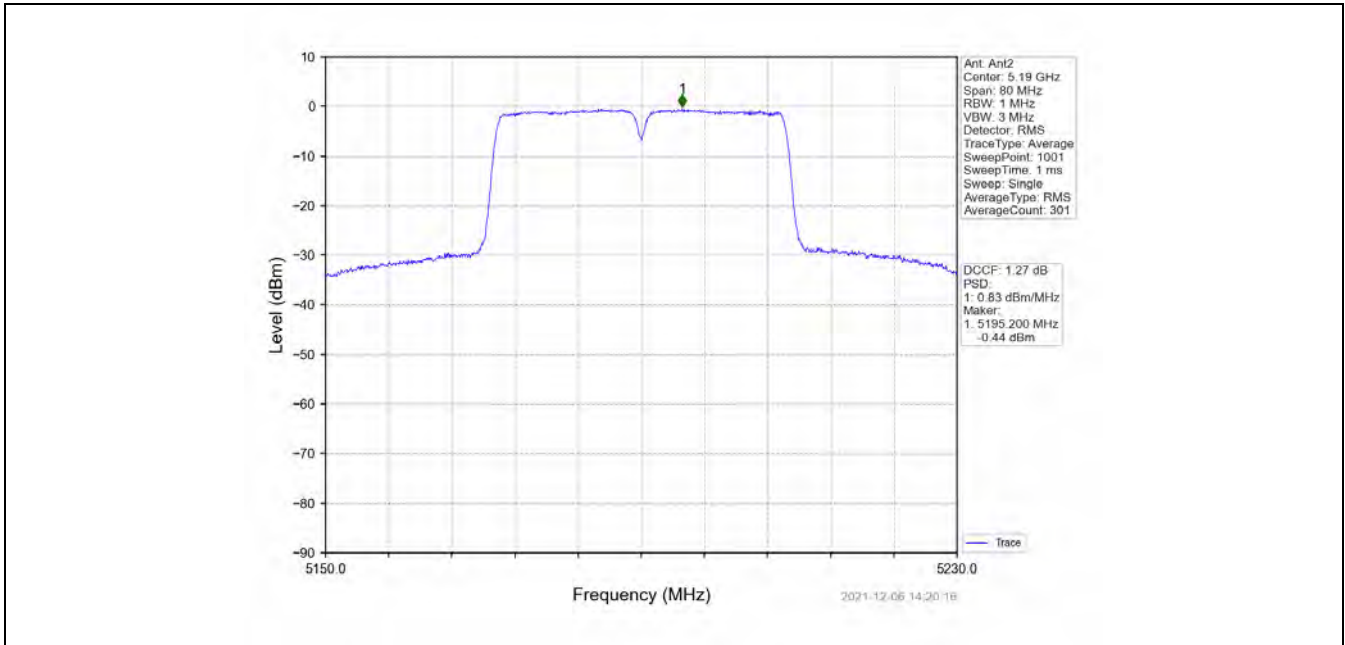
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



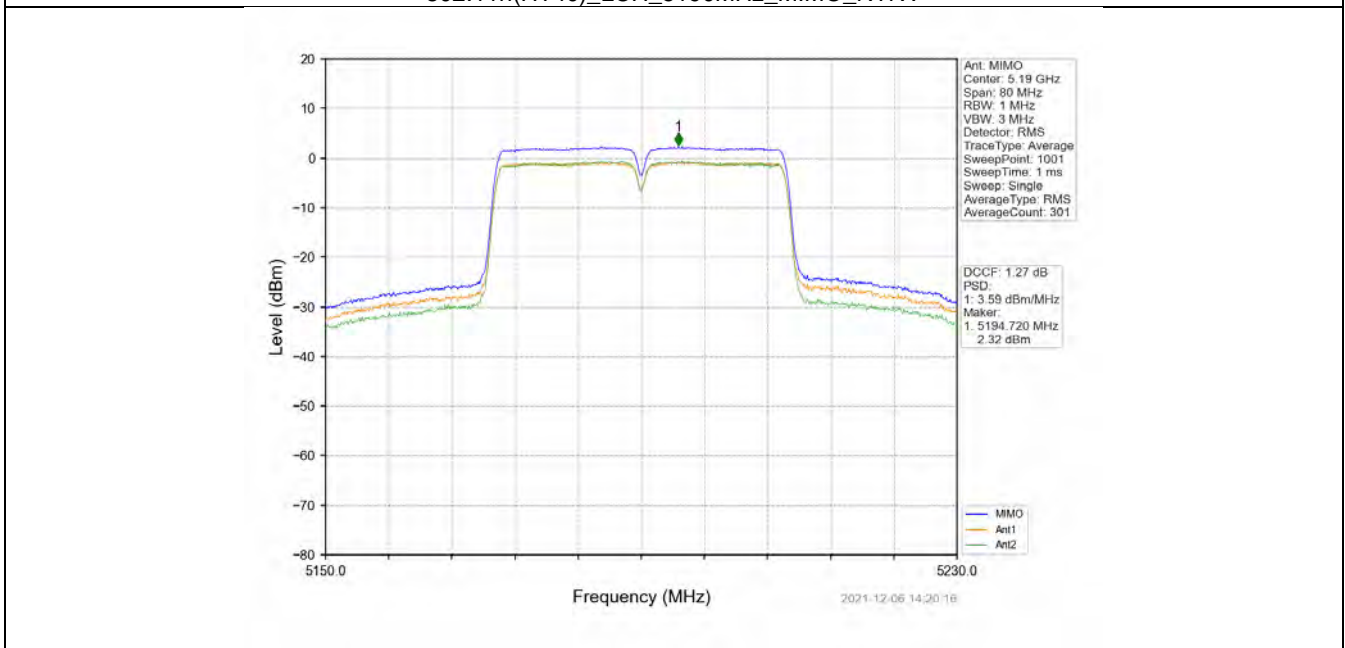
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



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802.11n(HT40)_LCH_5190MHz_MIMO_NTNV

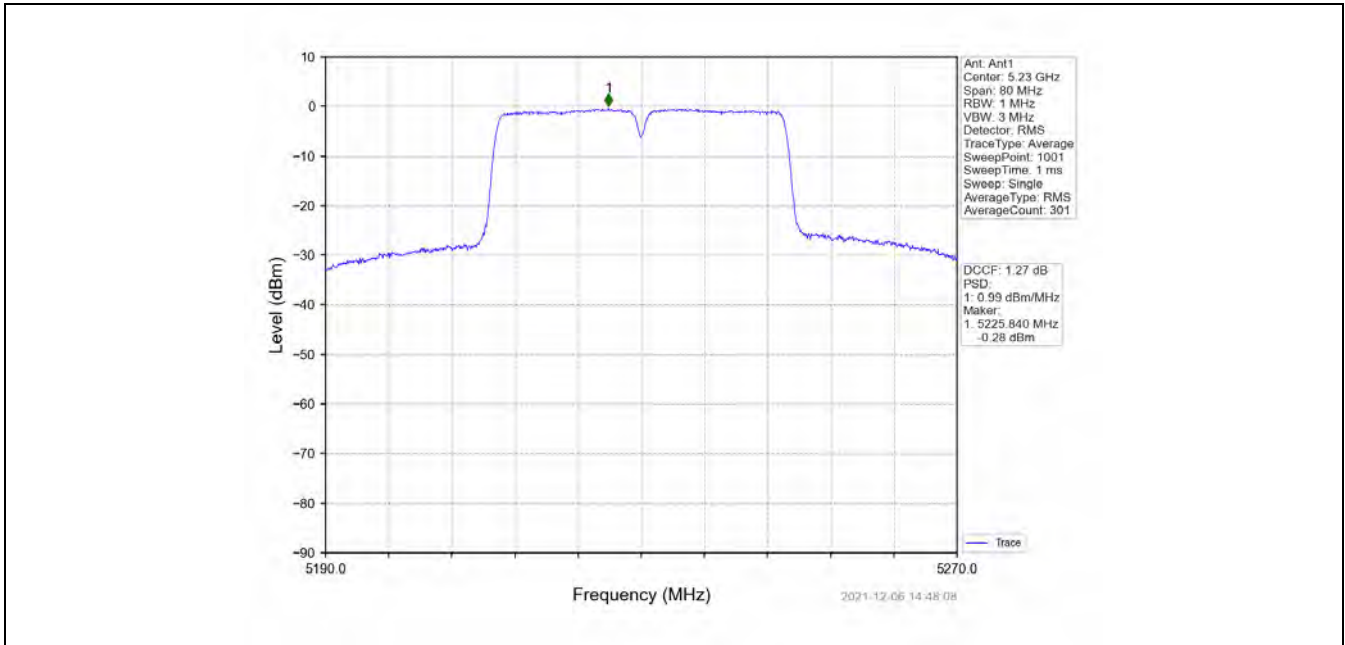


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

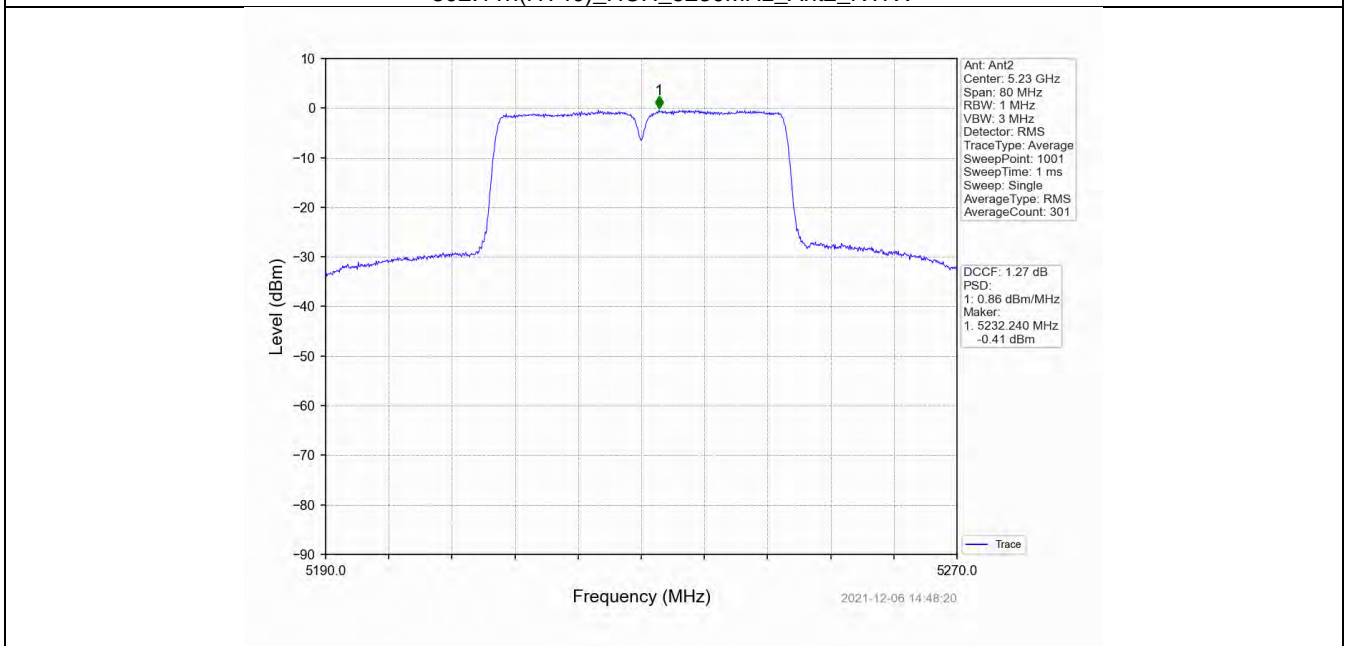


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802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

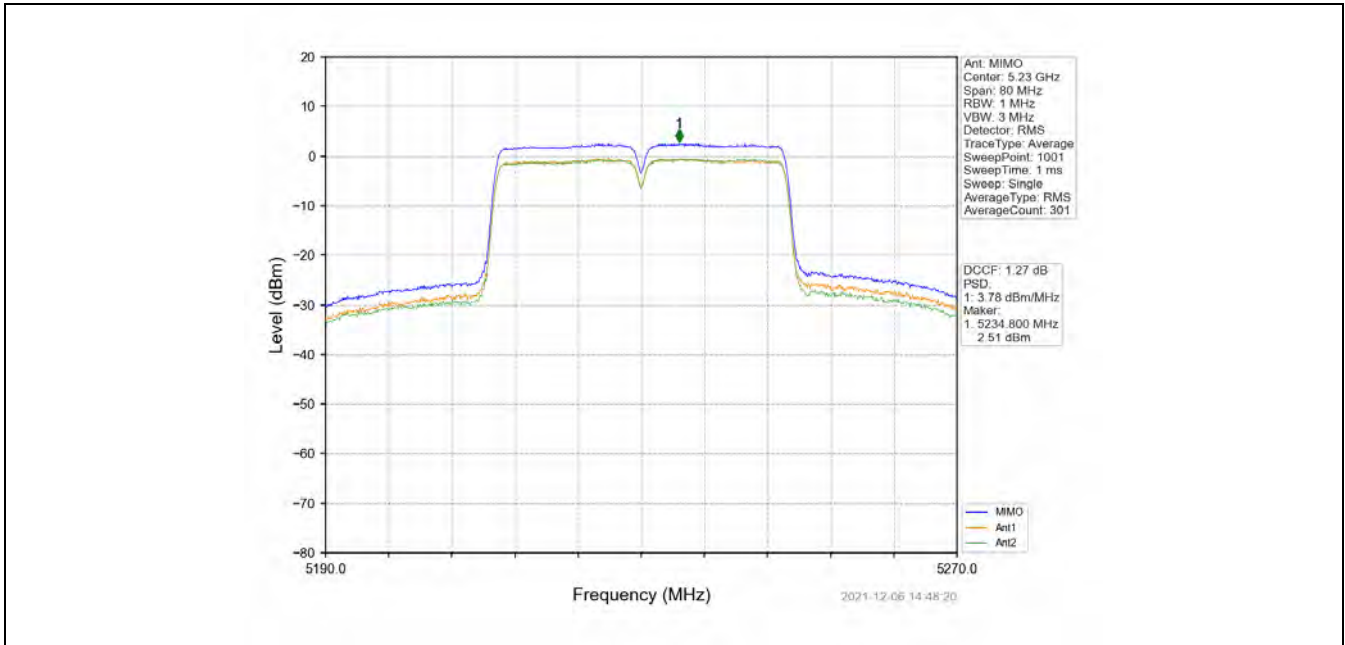


802.11n(HT40)_HCH_5230MHz_MIMO_NTNV

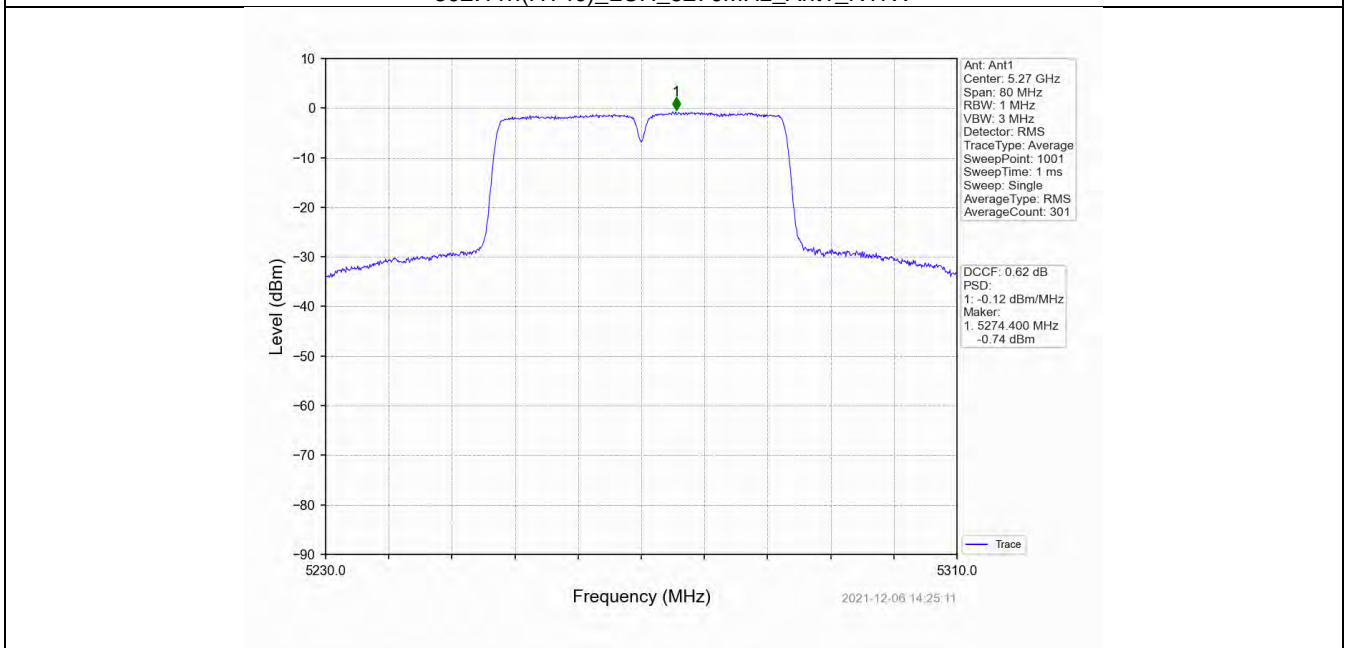


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802.11n(HT40)_LCH_5270MHz_Ant1_NTNV

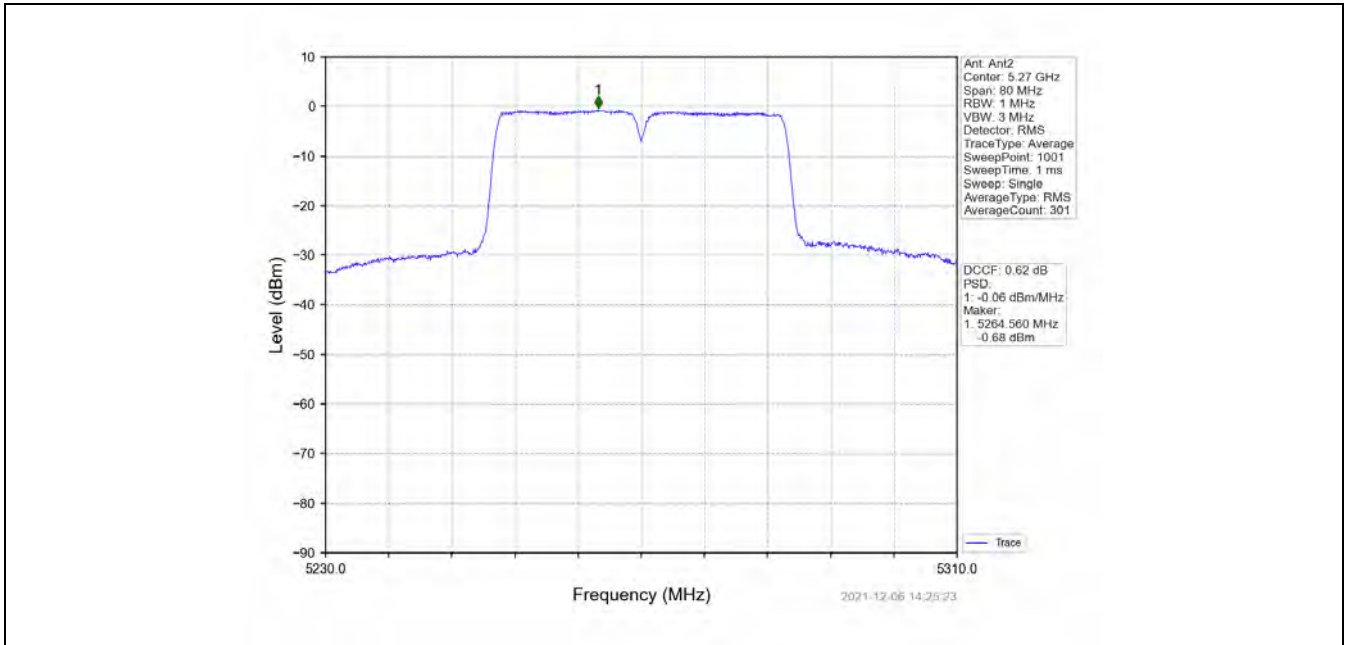


802.11n(HT40)_LCH_5270MHz_Ant2_NTNV

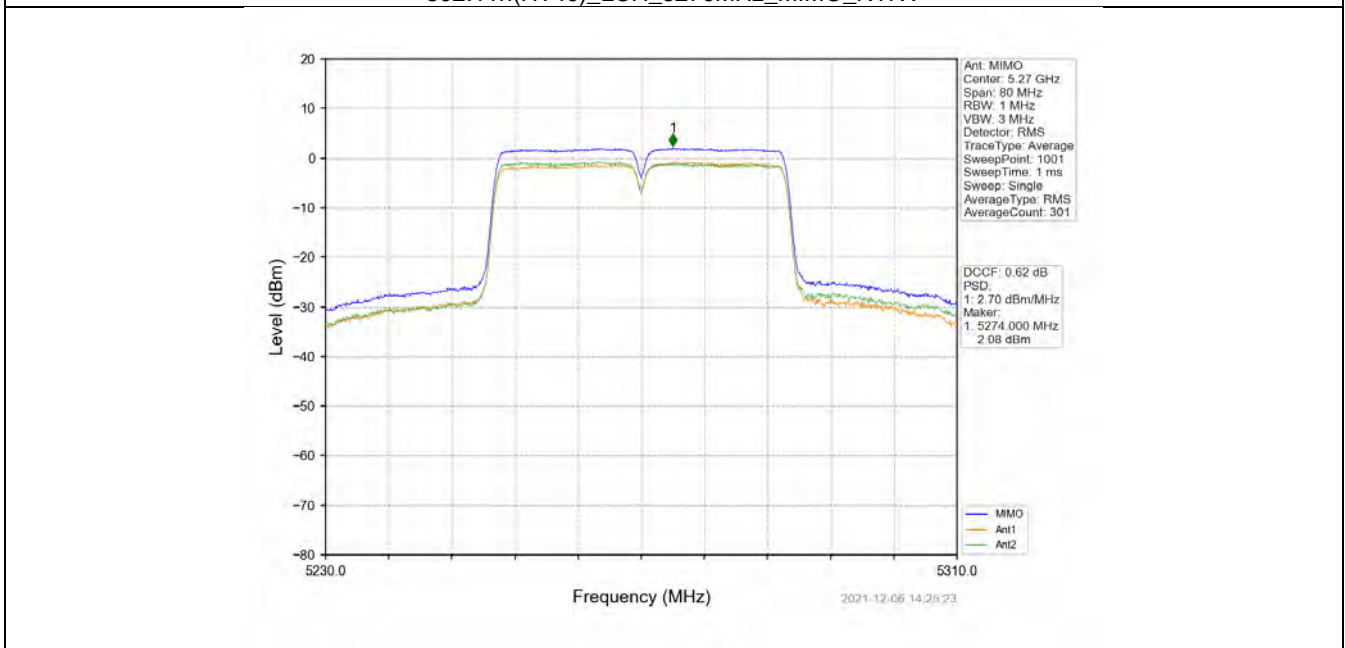


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802.11n(HT40)_LCH_5270MHz_MIMO_NTNV

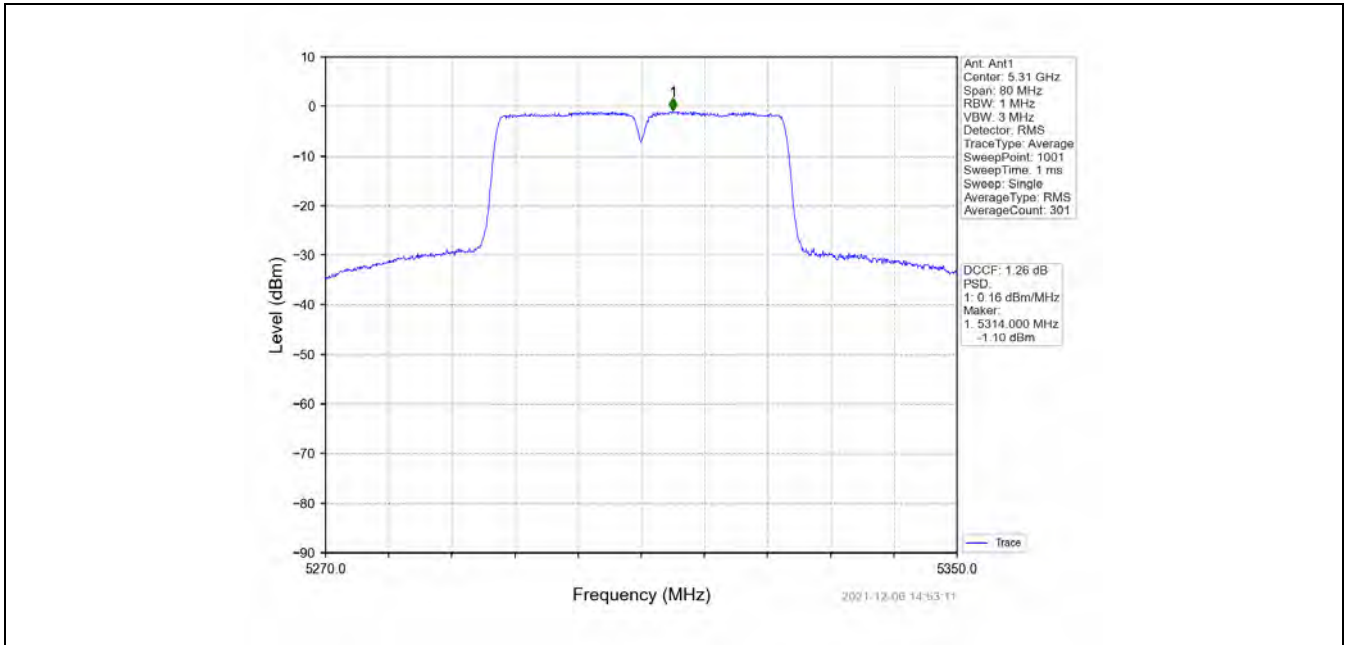


802.11n(HT40)_HCH_5310MHz_Ant1_NTNV

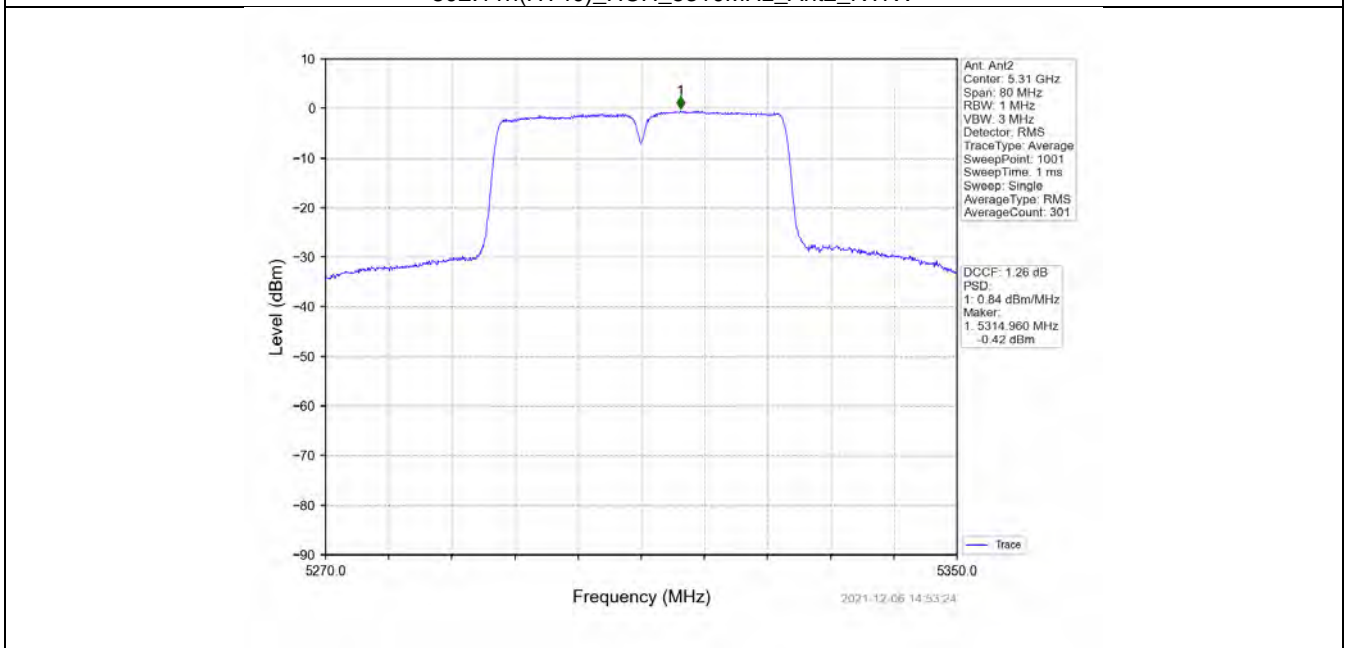


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802.11n(HT40)_HCH_5310MHz_Ant2_NTNV

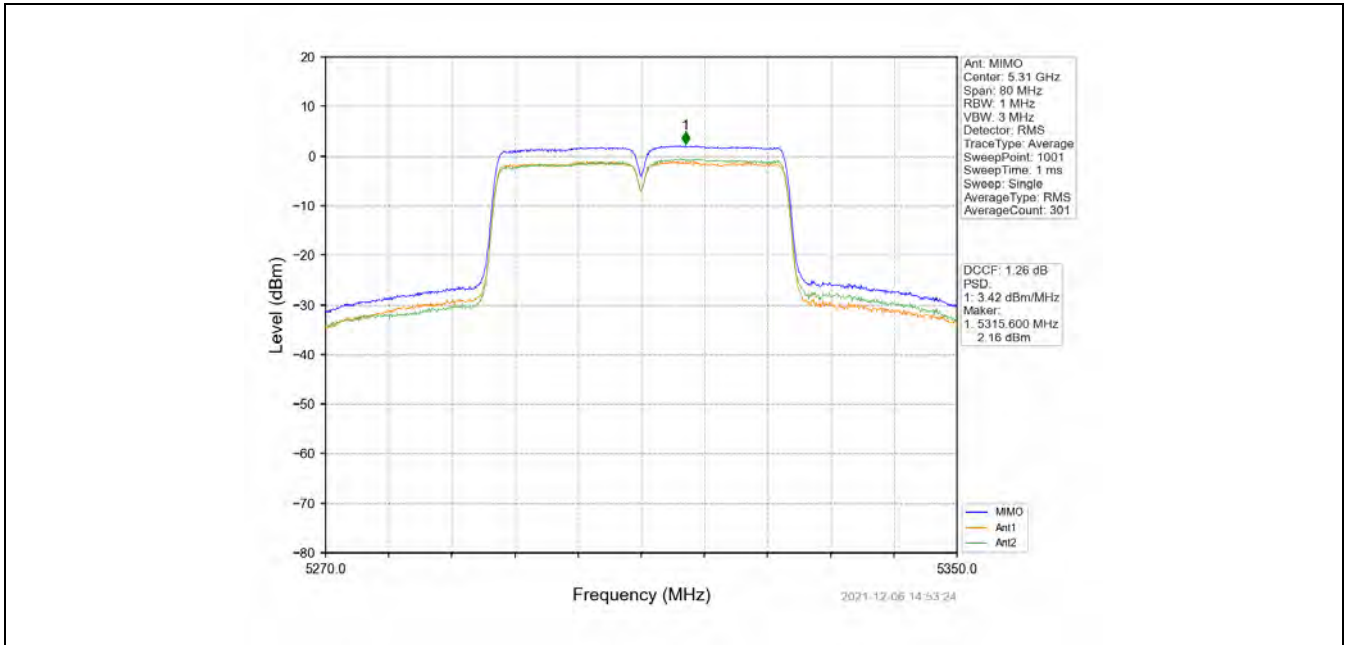


802.11n(HT40)_HCH_5310MHz_MIMO_NTNV

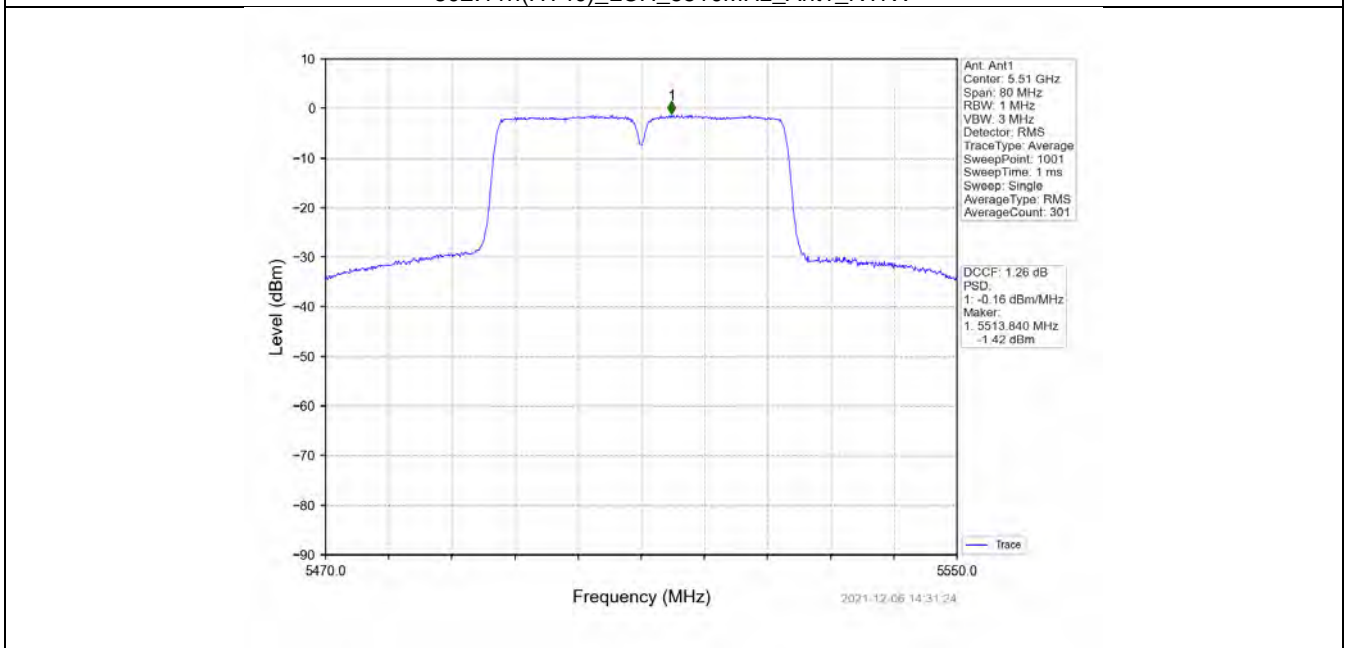


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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

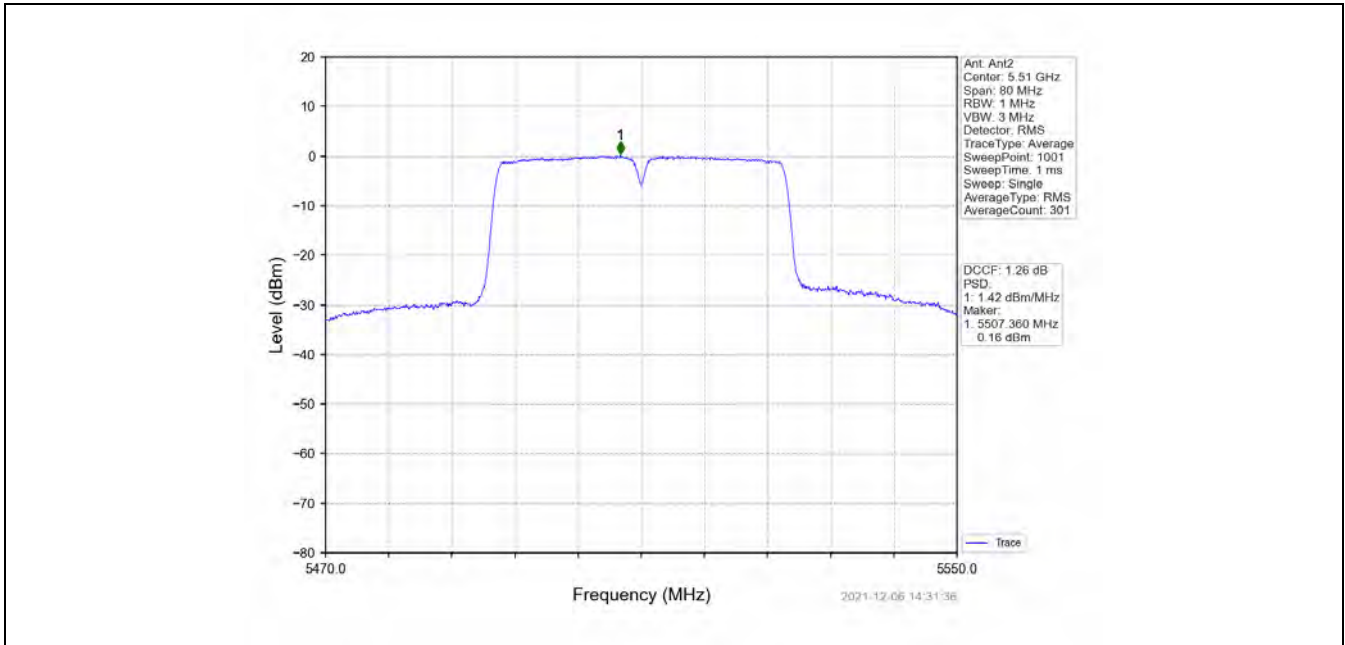


802.11n(HT40)_LCH_5510MHz_Ant2_NTNV

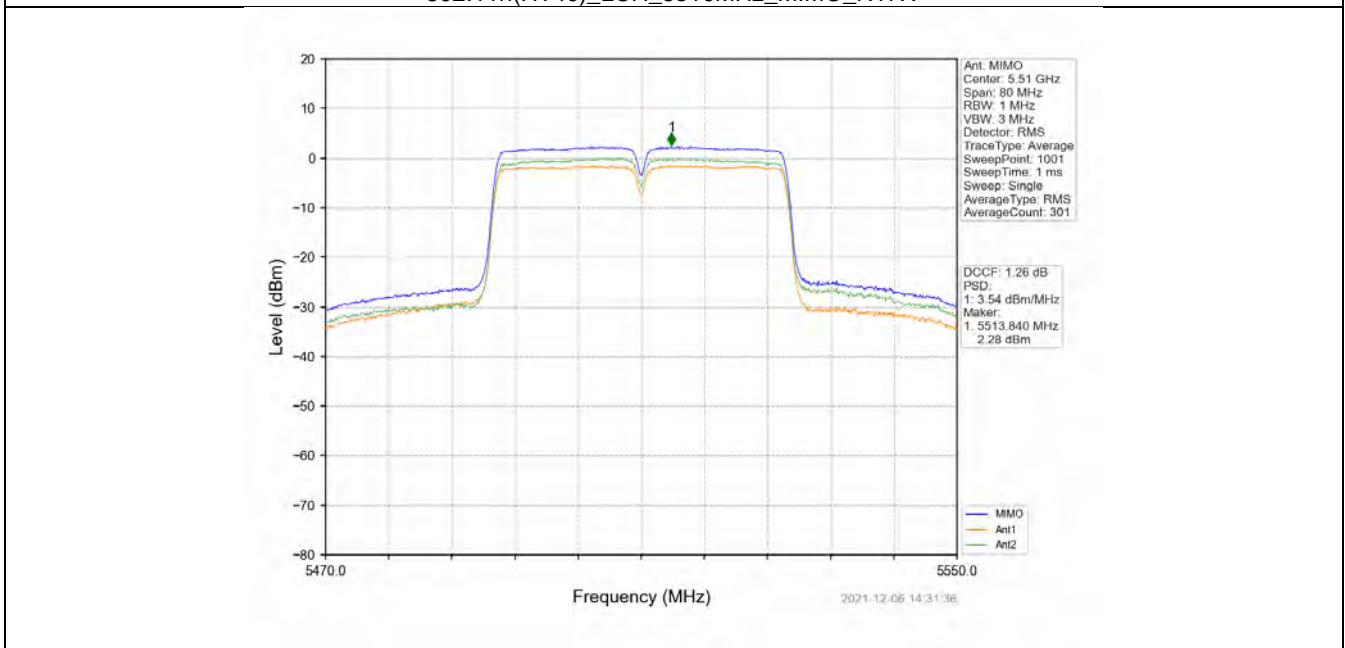


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802.11n(HT40)_LCH_5510MHz_MIMO_NTNV

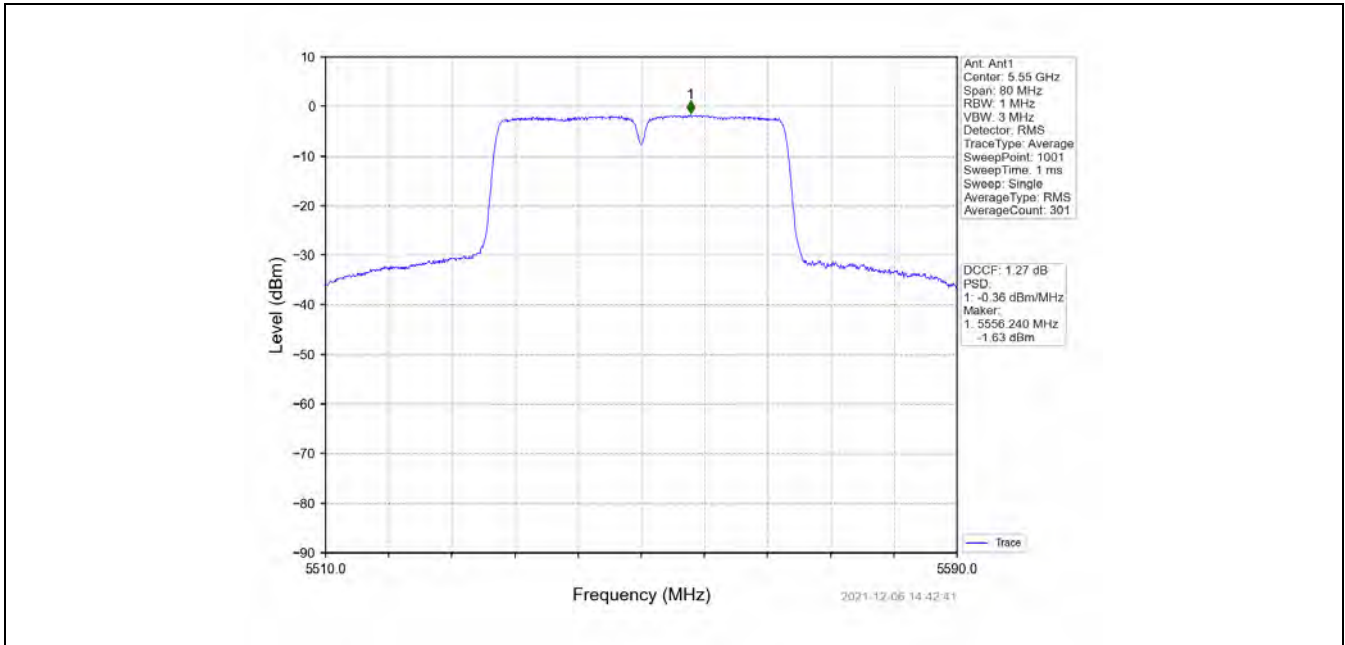


802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

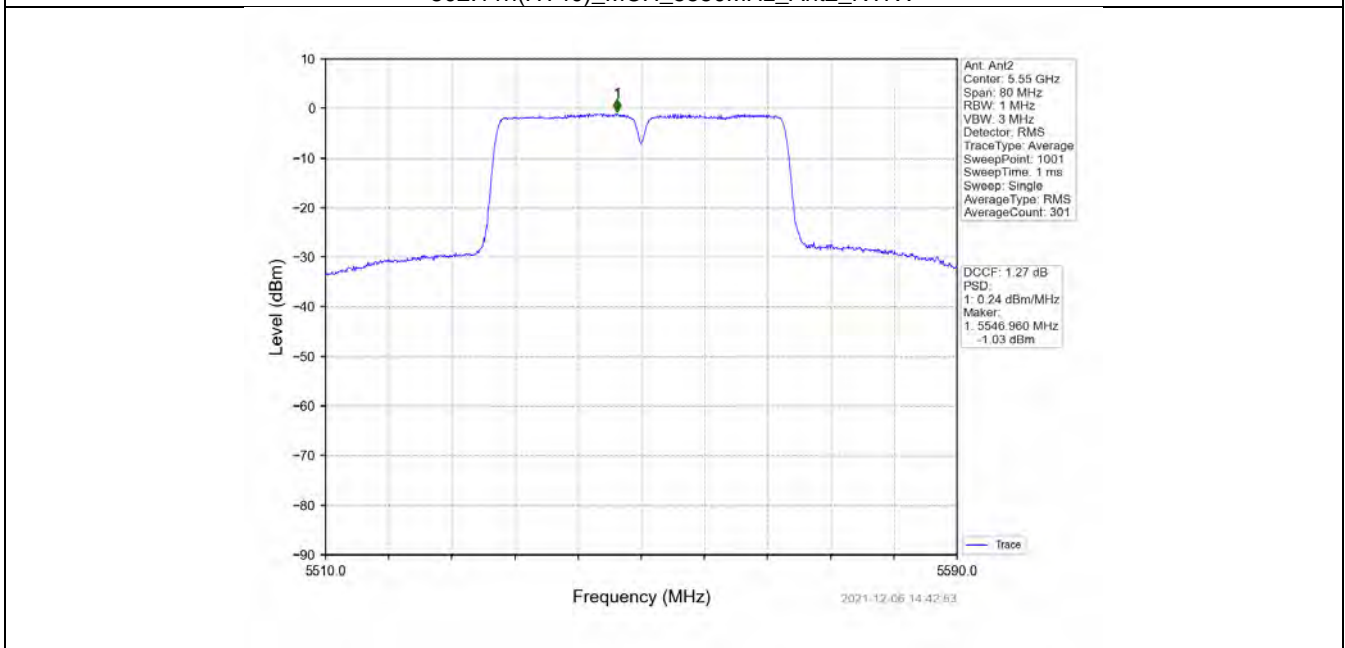


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802.11n(HT40)_MCH_5550MHz_Ant2_NTNV

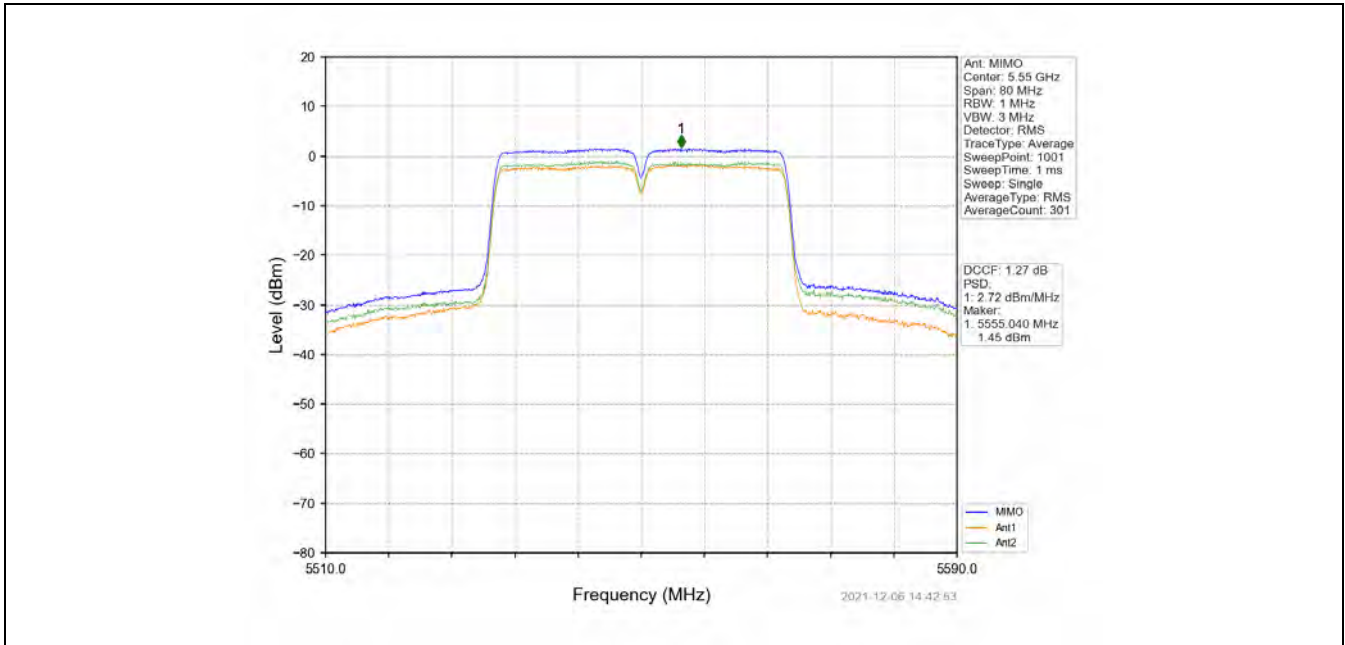


802.11n(HT40)_MCH_5550MHz_MIMO_NTNV

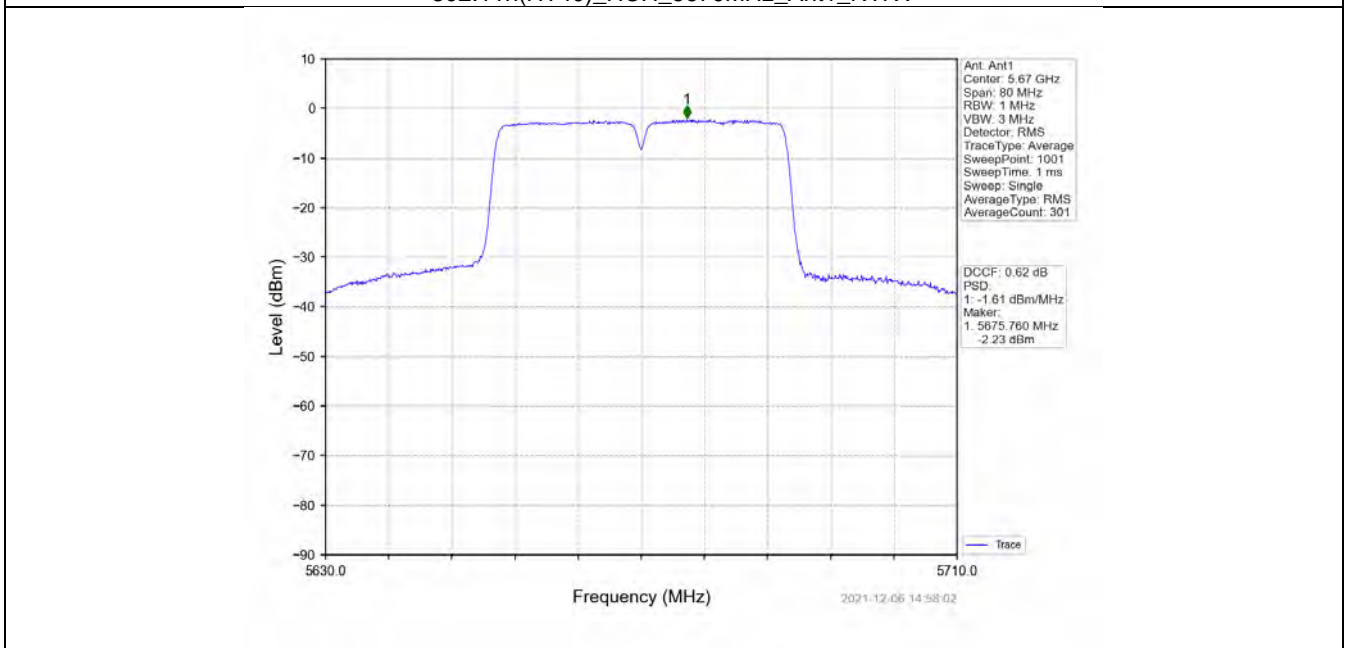


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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV

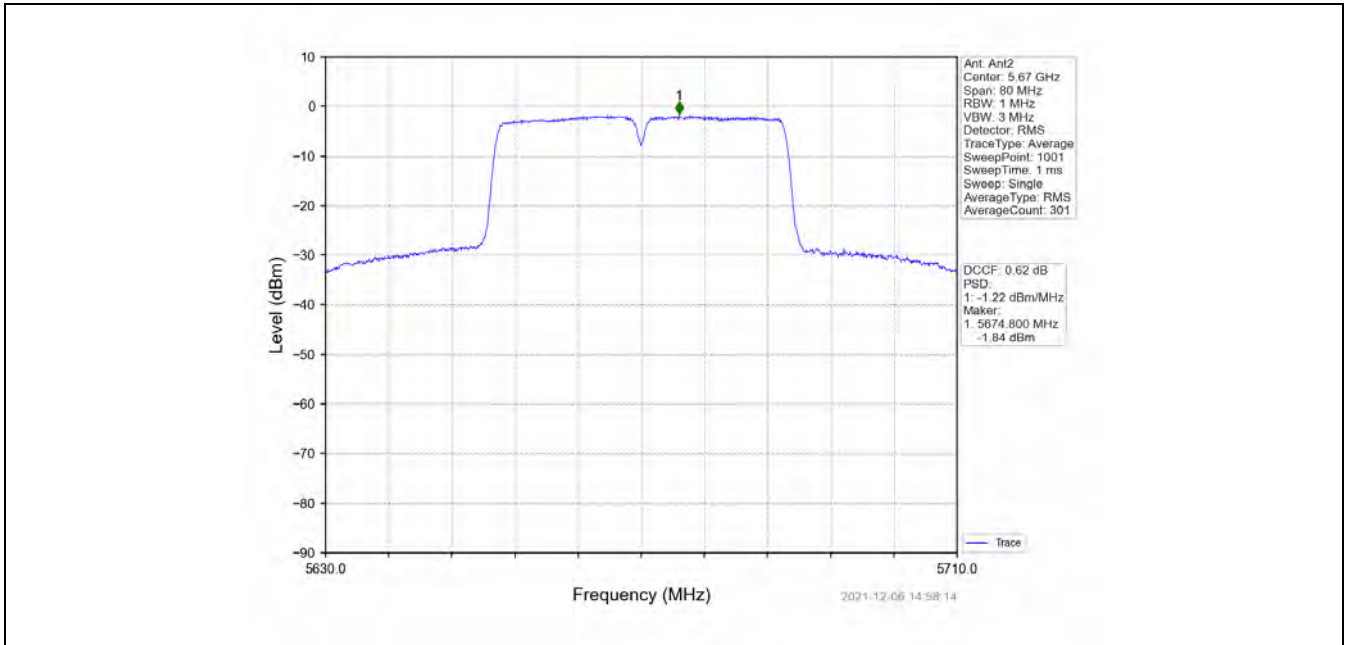


802.11n(HT40)_HCH_5670MHz_Ant2_NTNV

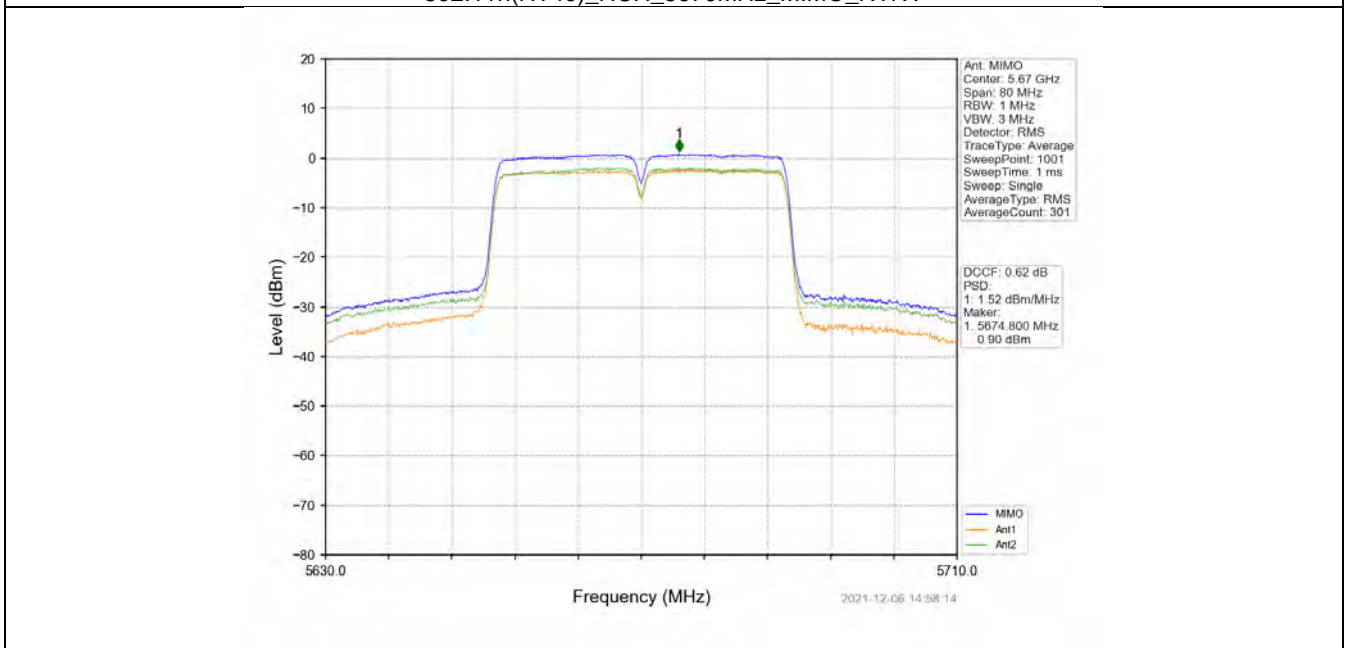


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802.11n(HT40)_HCH_5670MHz_MIMO_NTNV

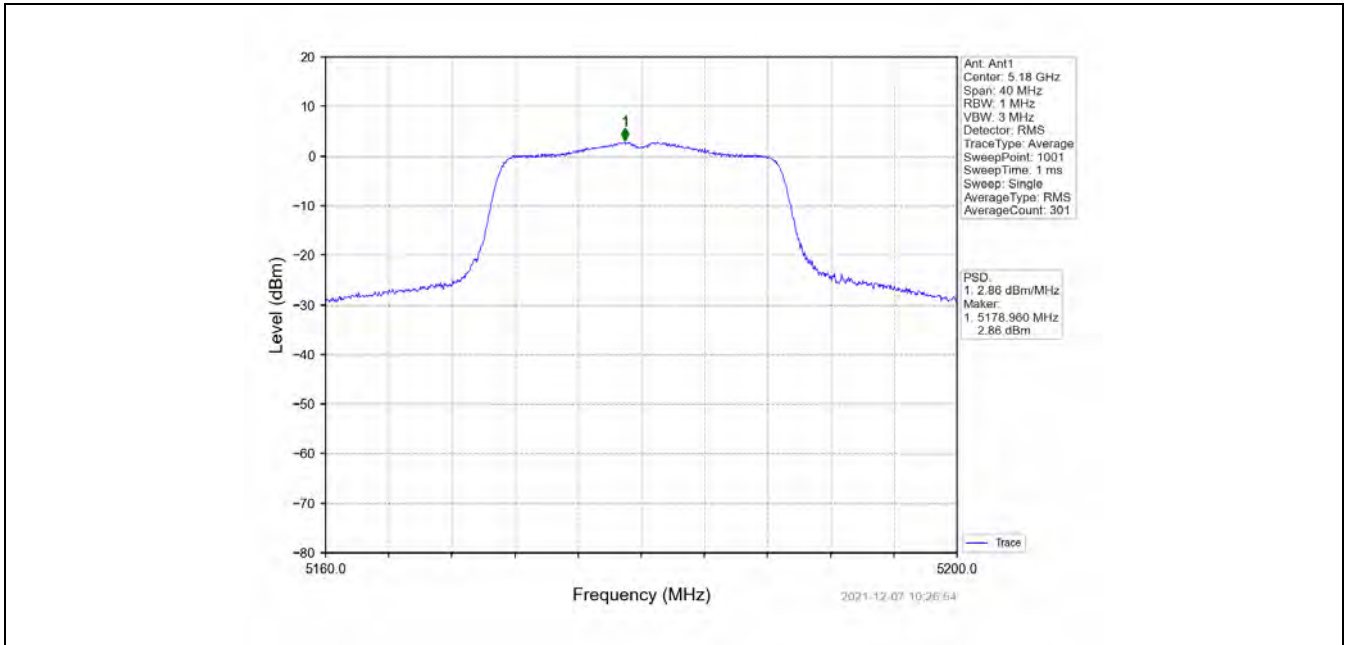


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

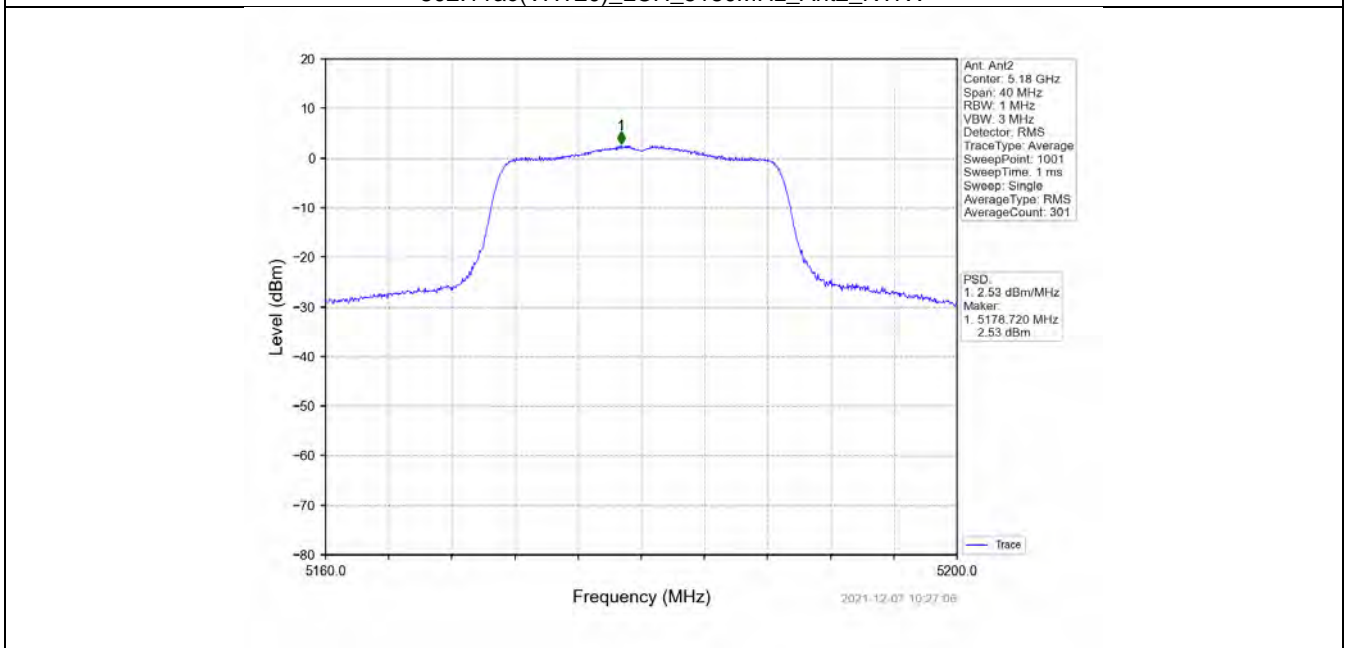


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802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

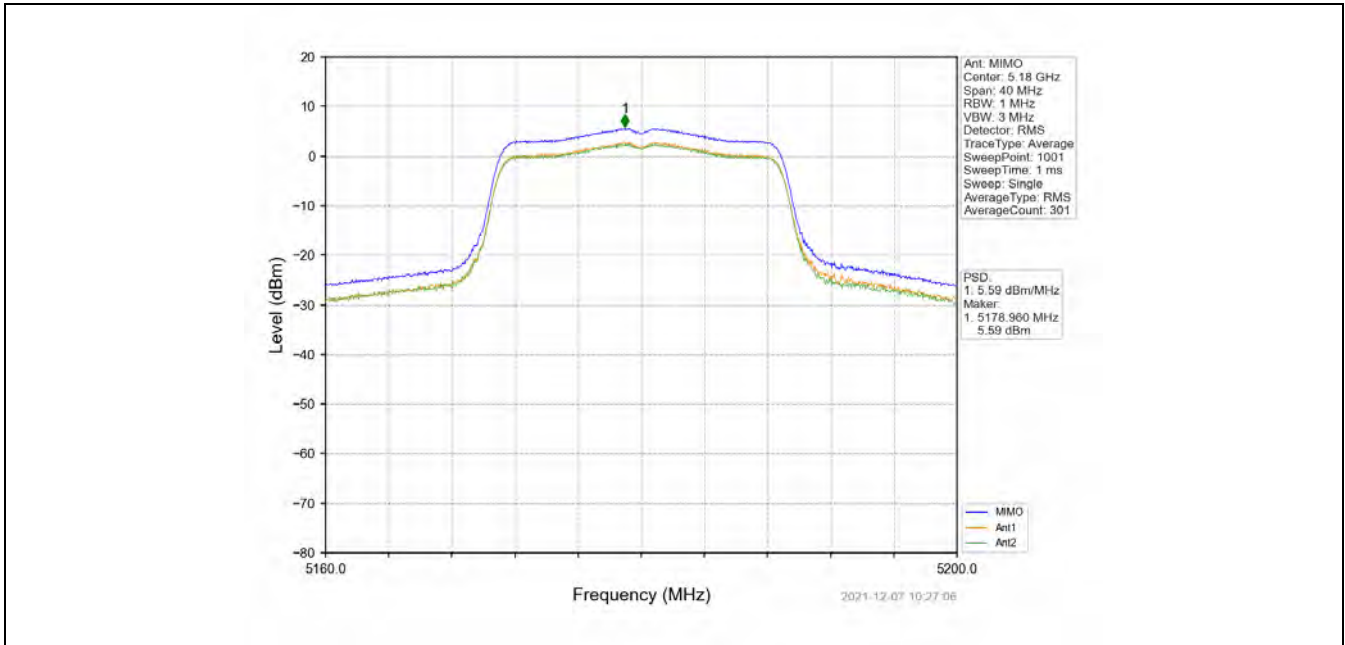


802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV

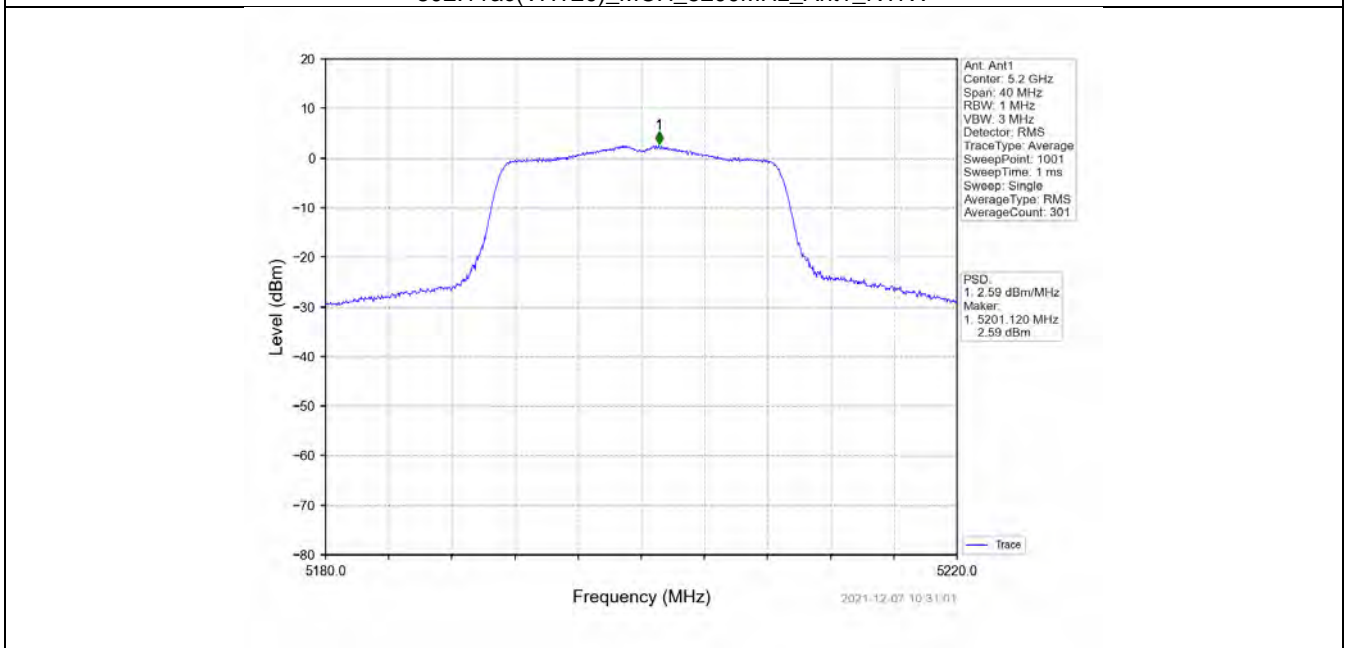


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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

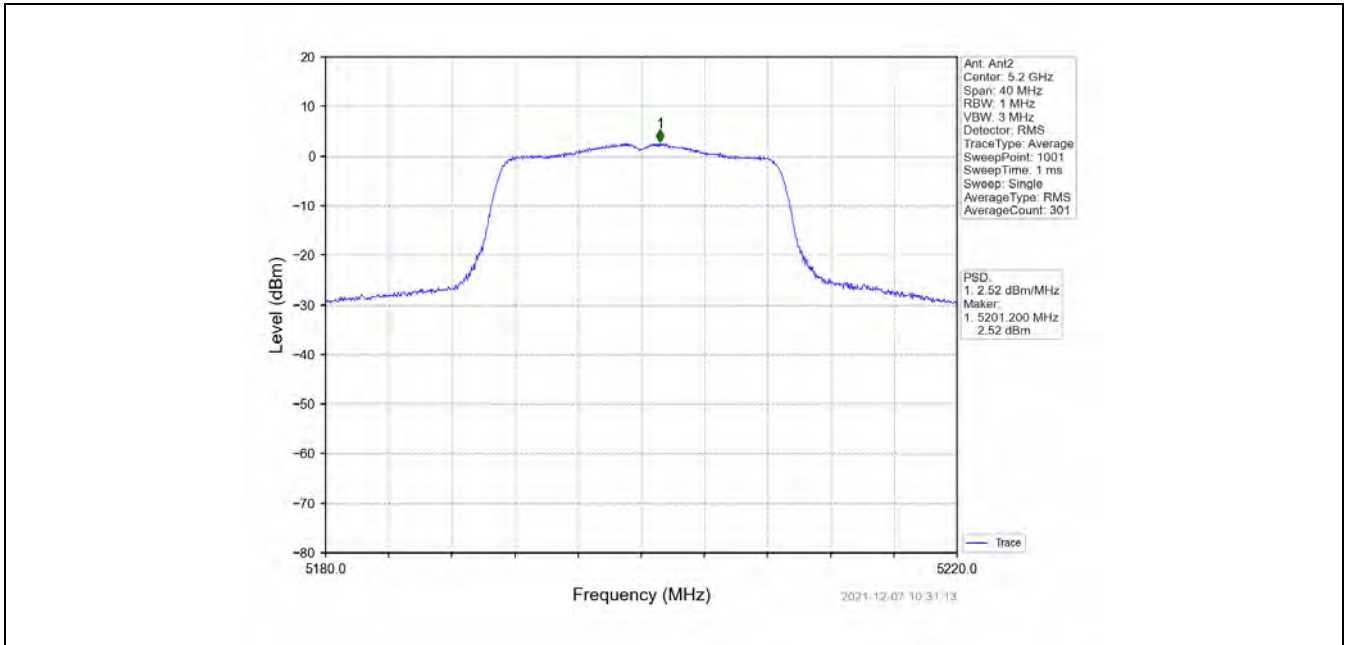


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

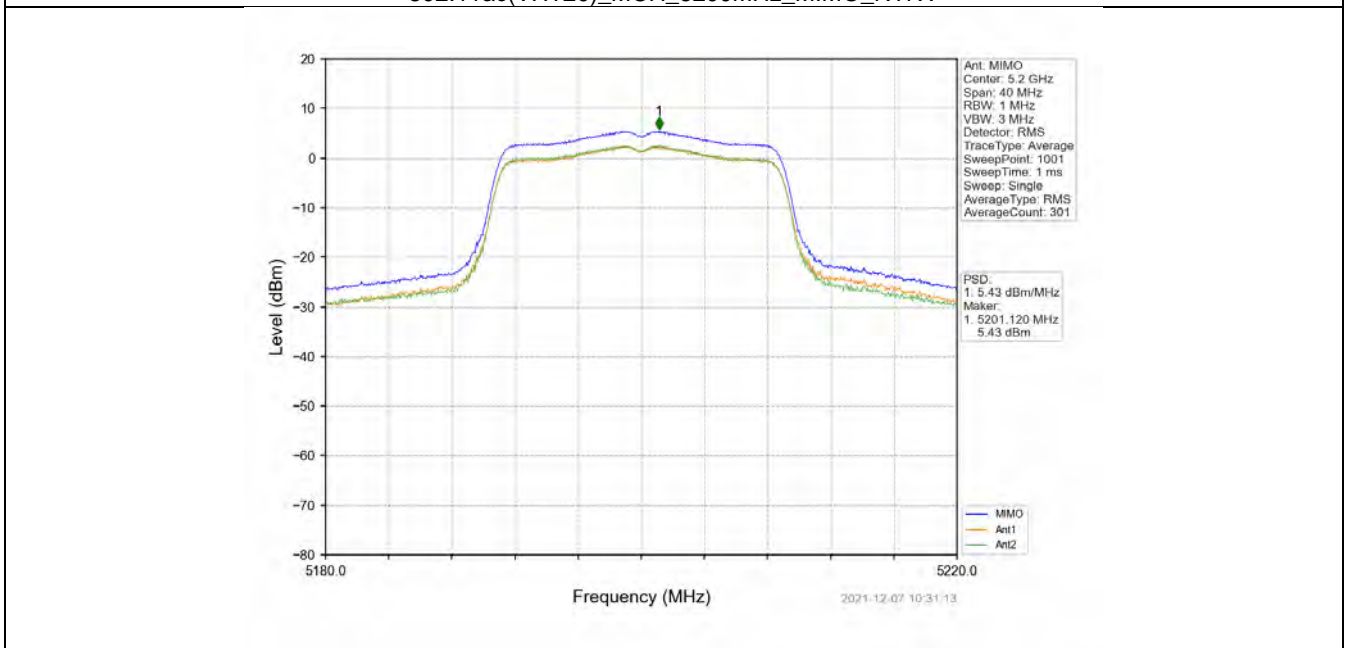


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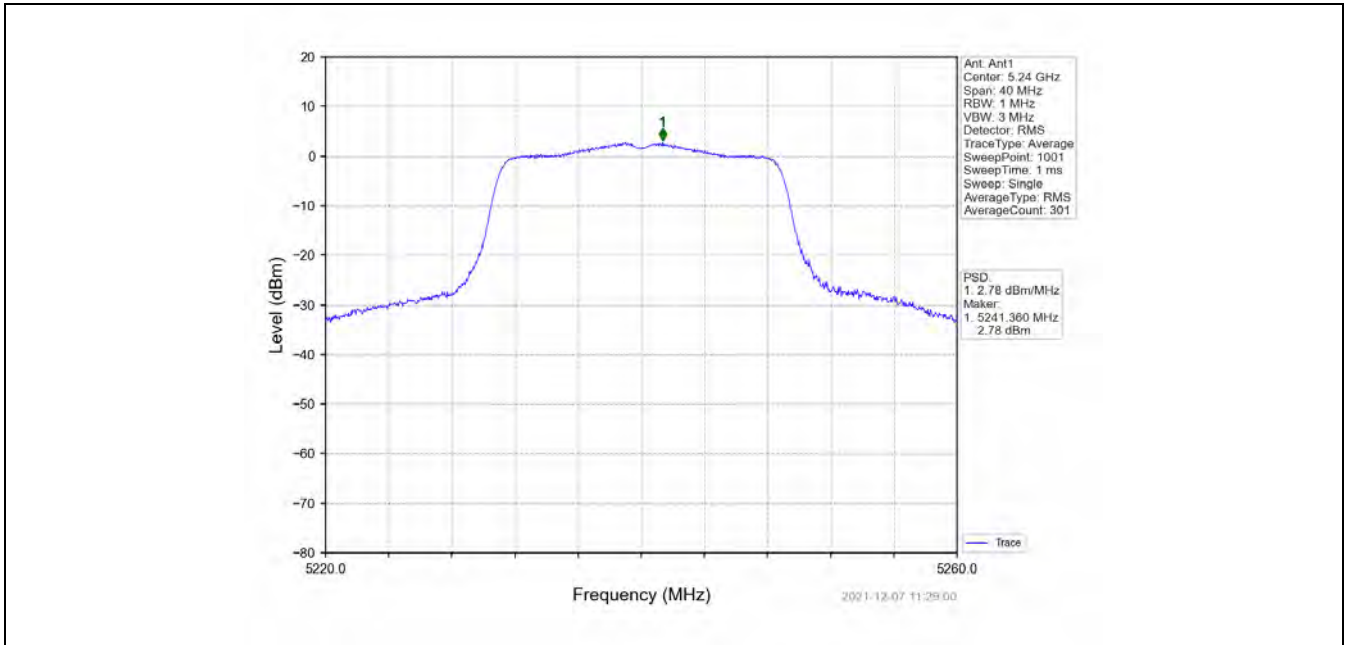
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



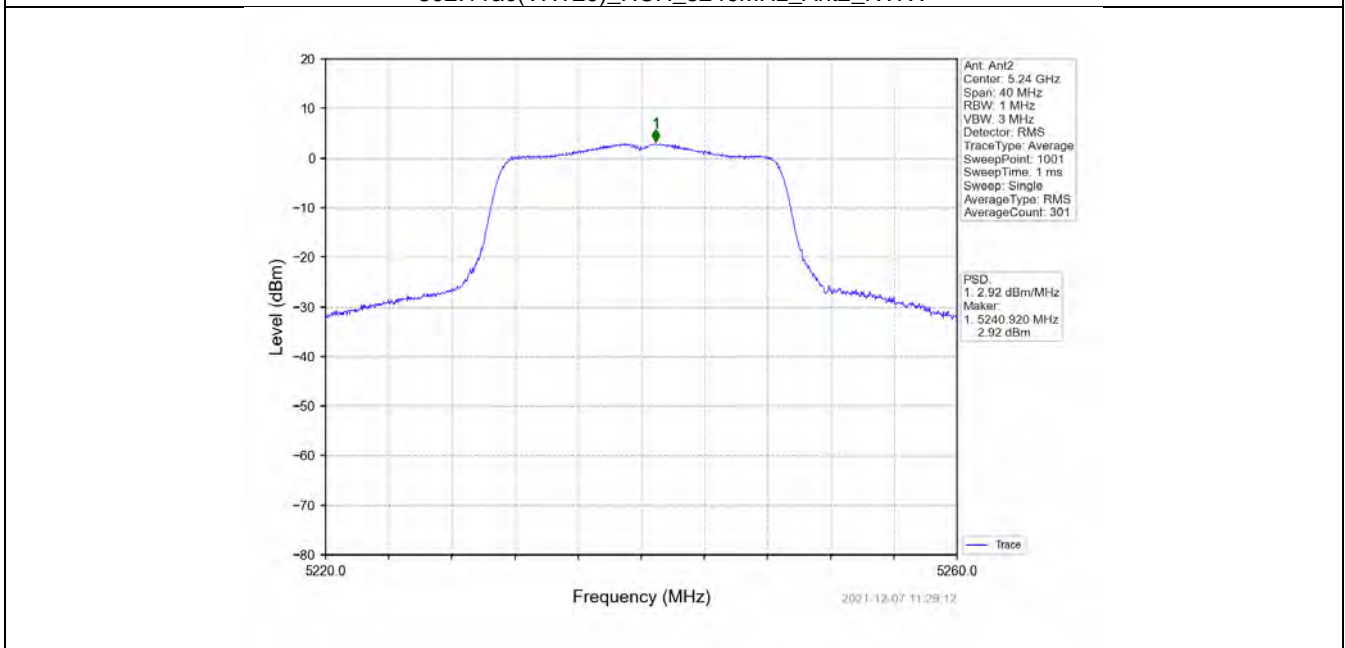
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



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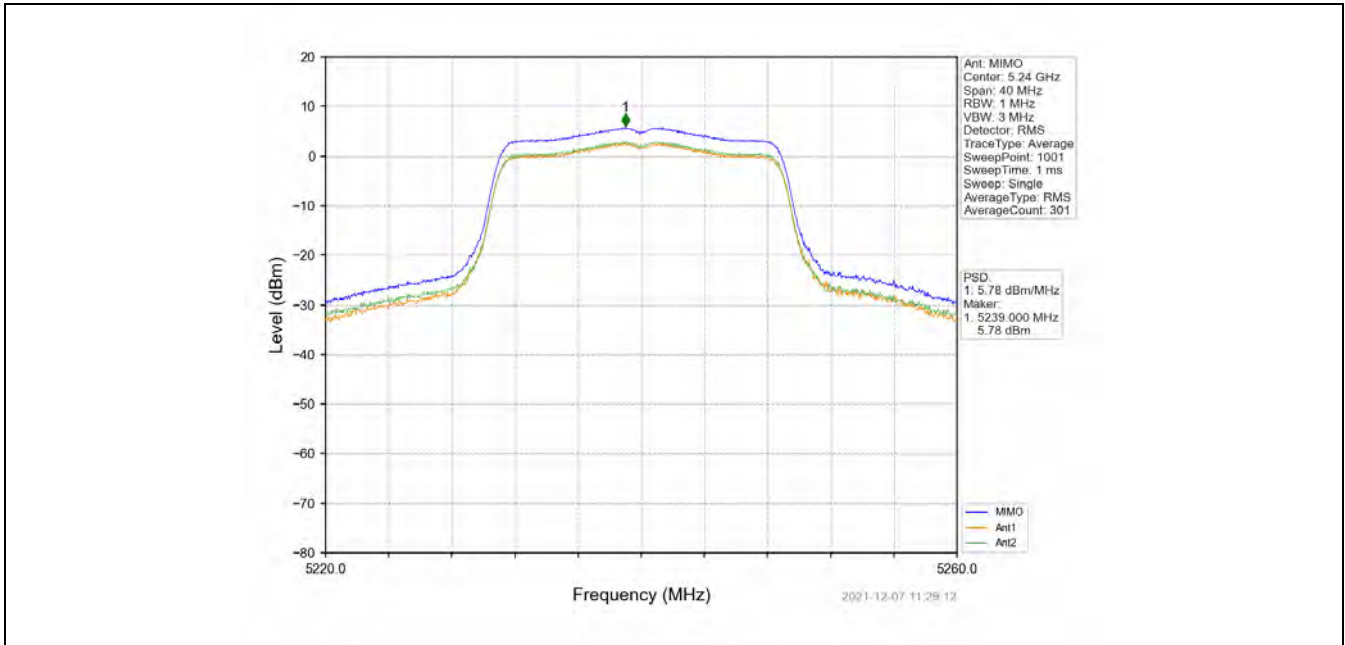
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



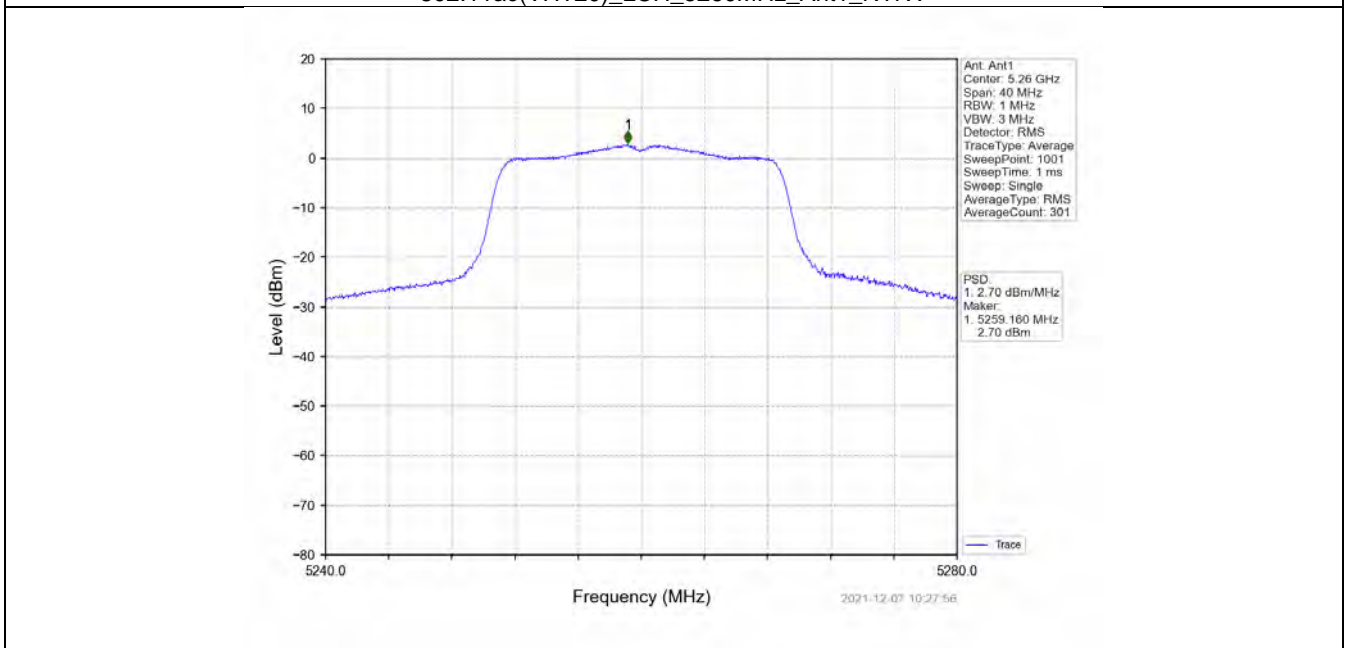
802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



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802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV

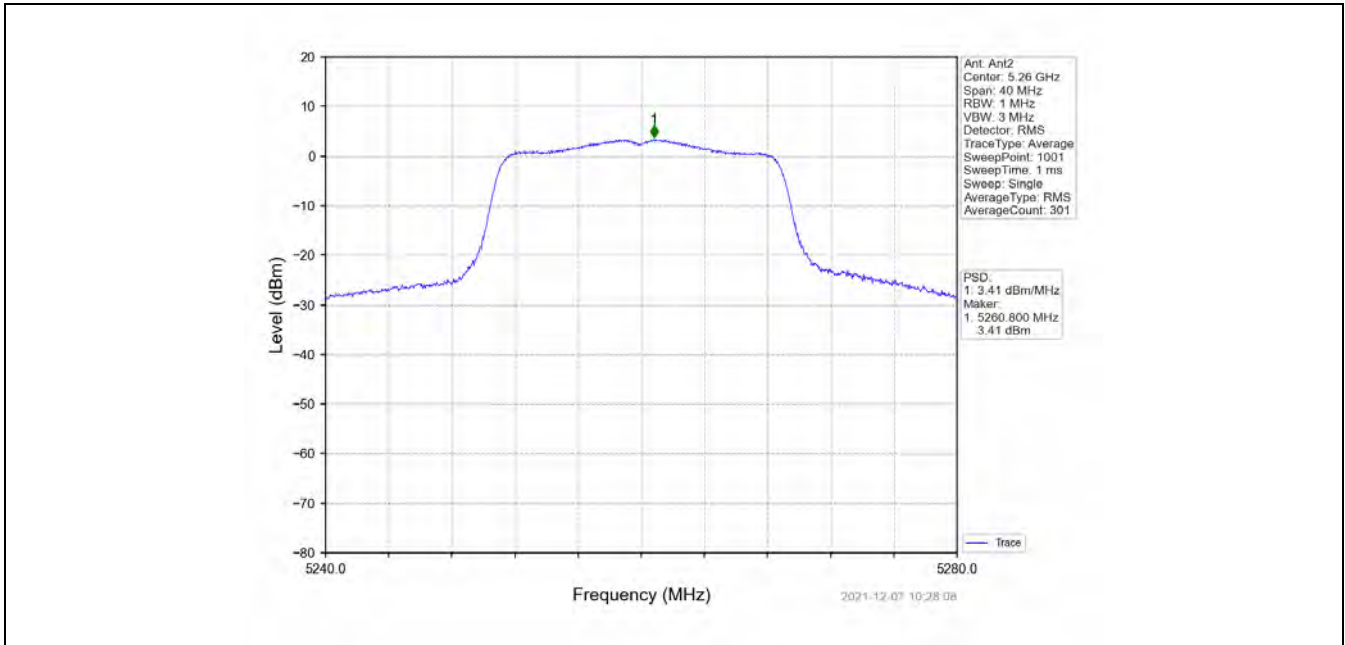


802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV

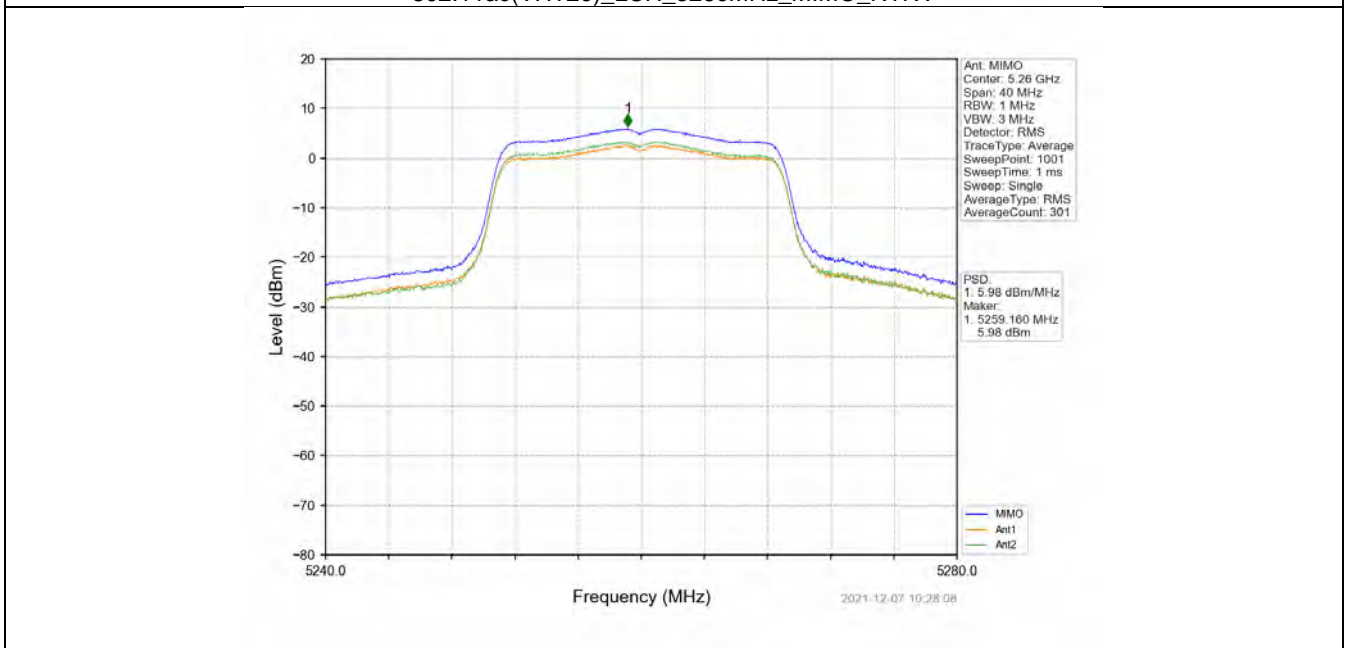


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802.11ac(VHT20)_LCH_5260MHz_MIMO_NTNV

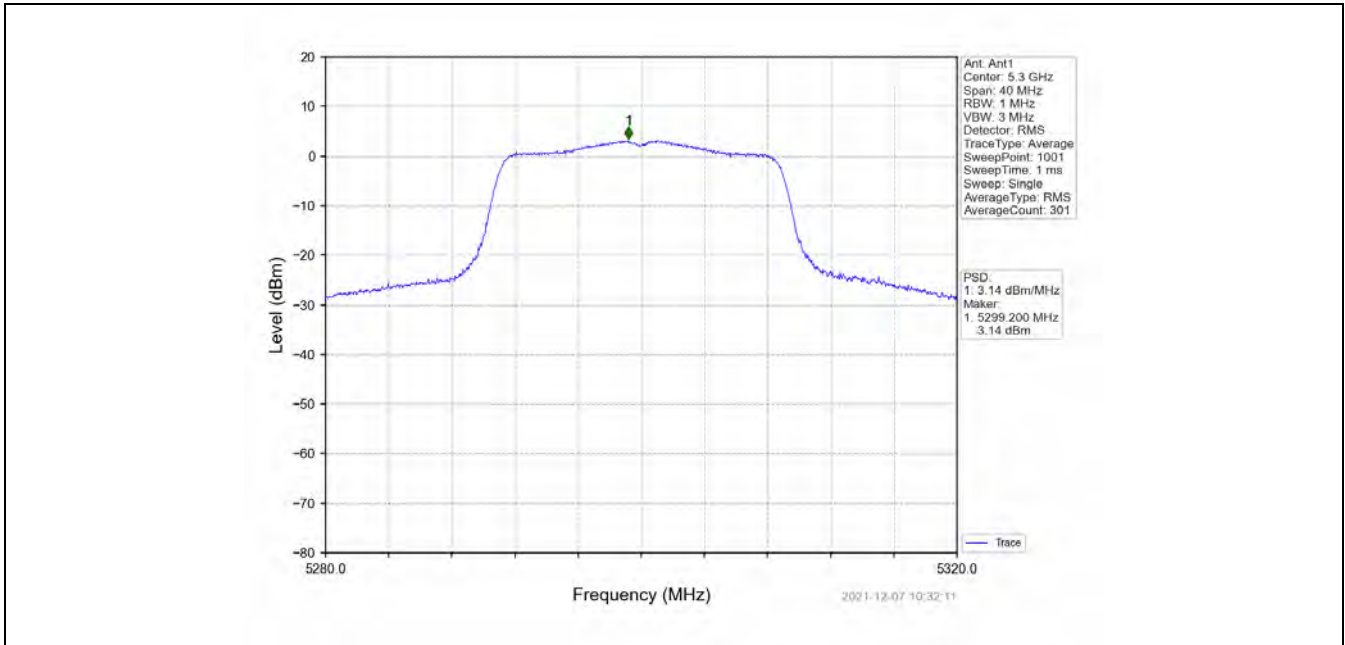


802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV

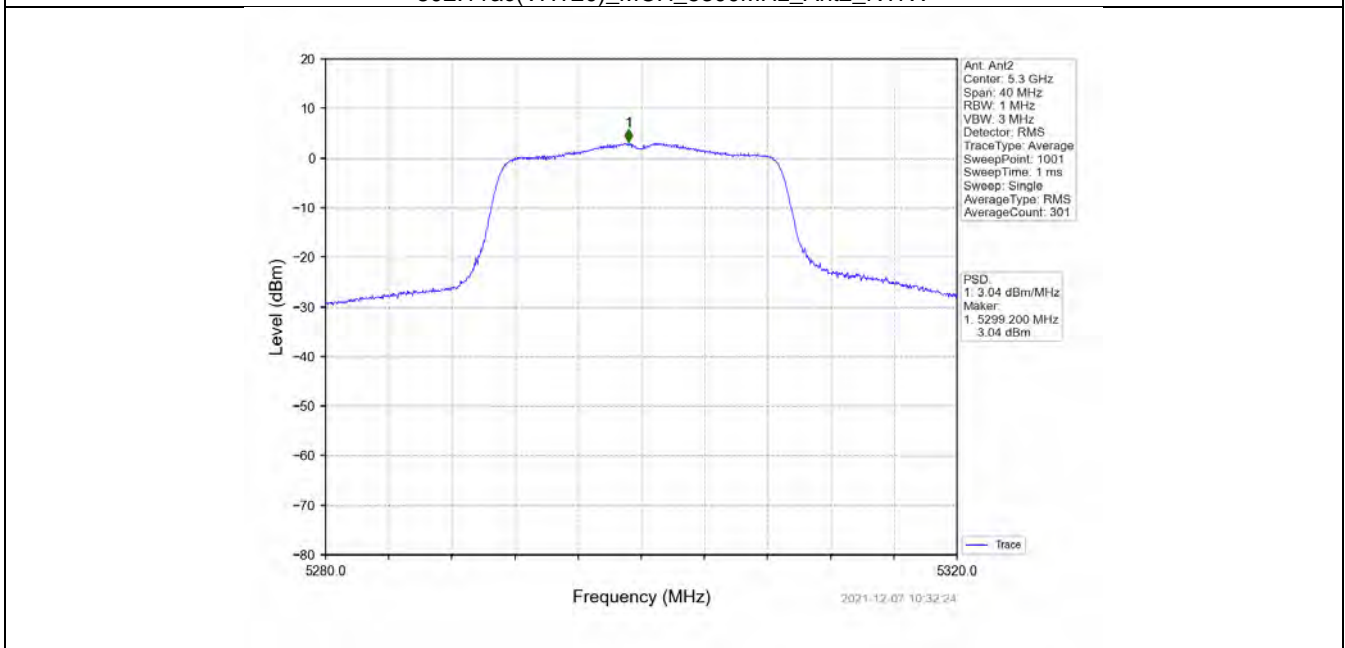


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802.11ac(VHT20)_MCH_5300MHz_Ant2_NTNV

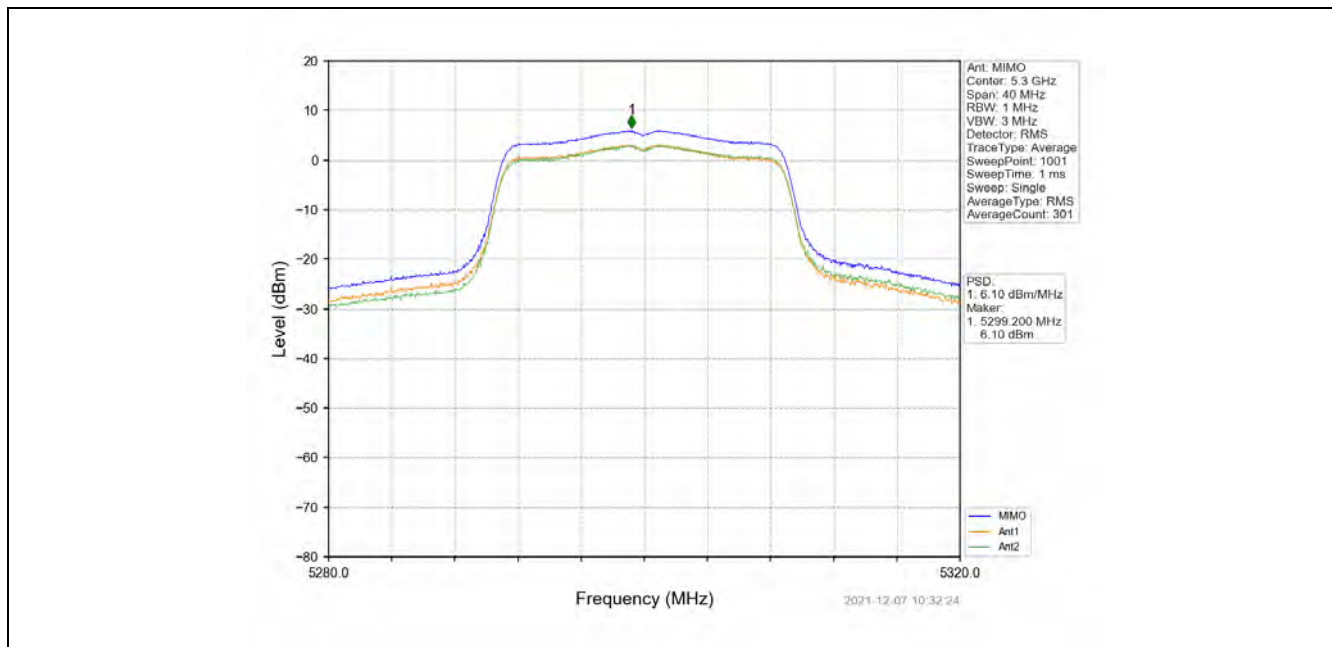


802.11ac(VHT20)_MCH_5300MHz_MIMO_NTNV

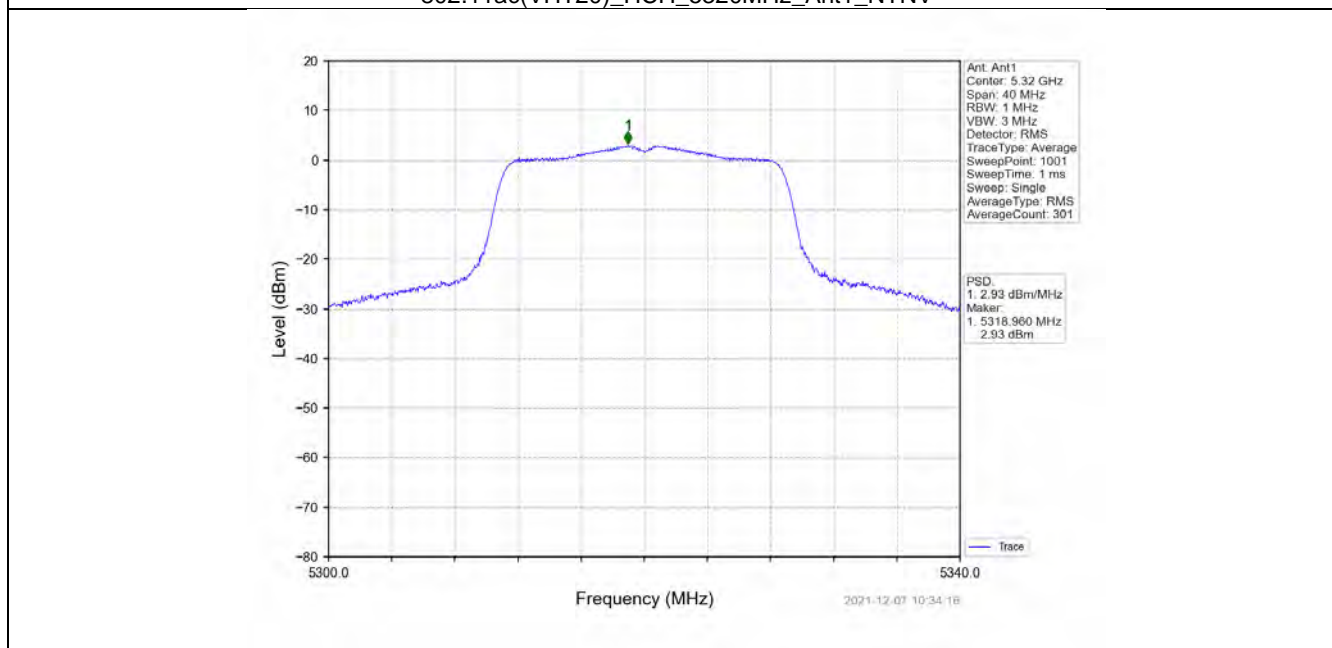


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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV

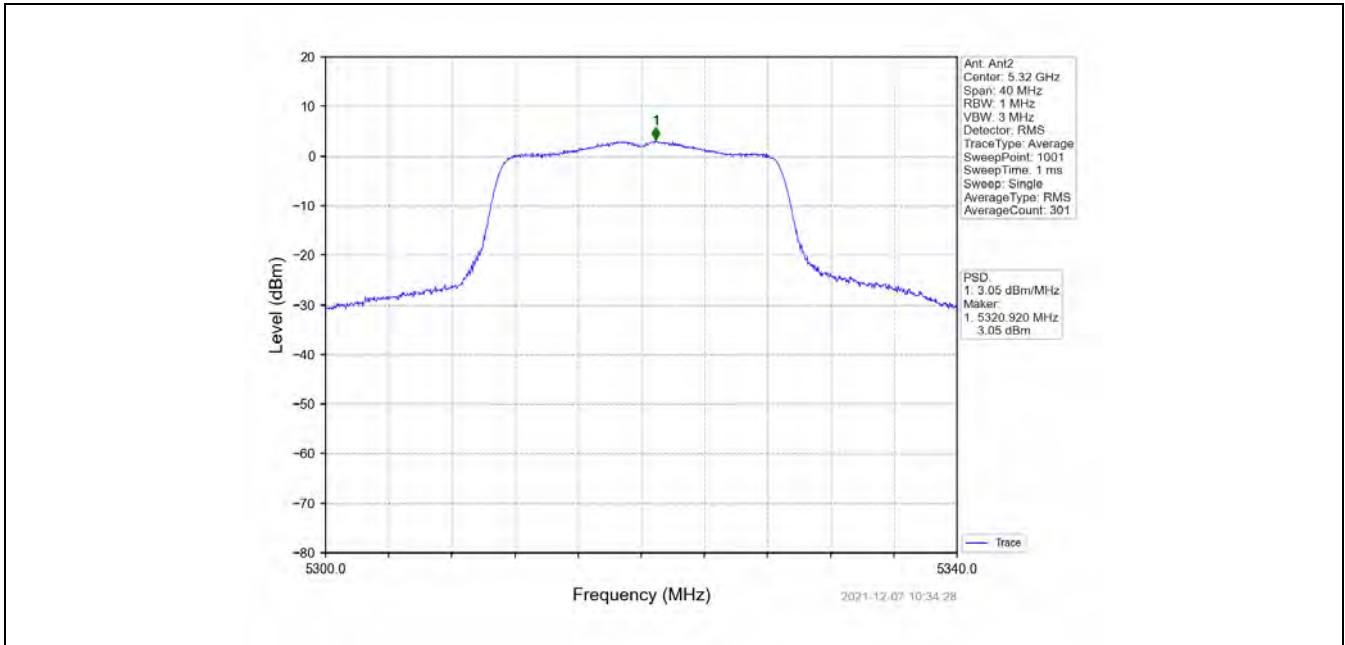


802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV

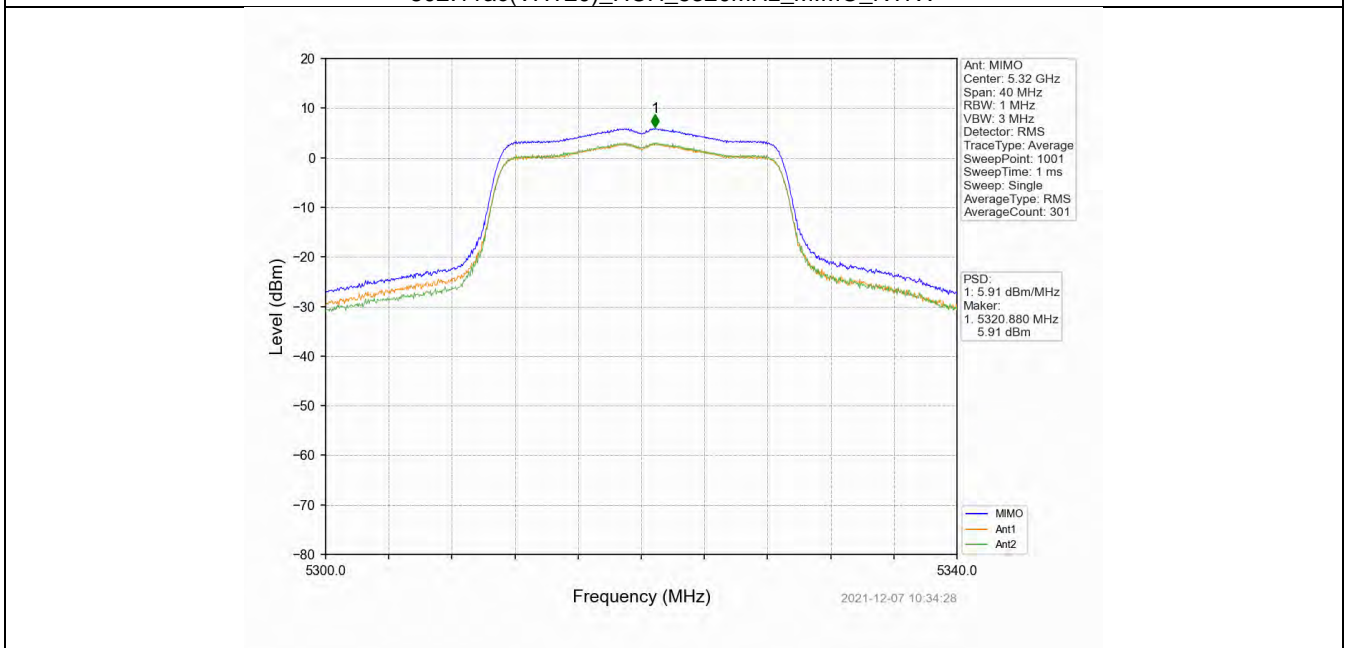


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802.11ac(VHT20)_HCH_5320MHz_MIMO_NTNV

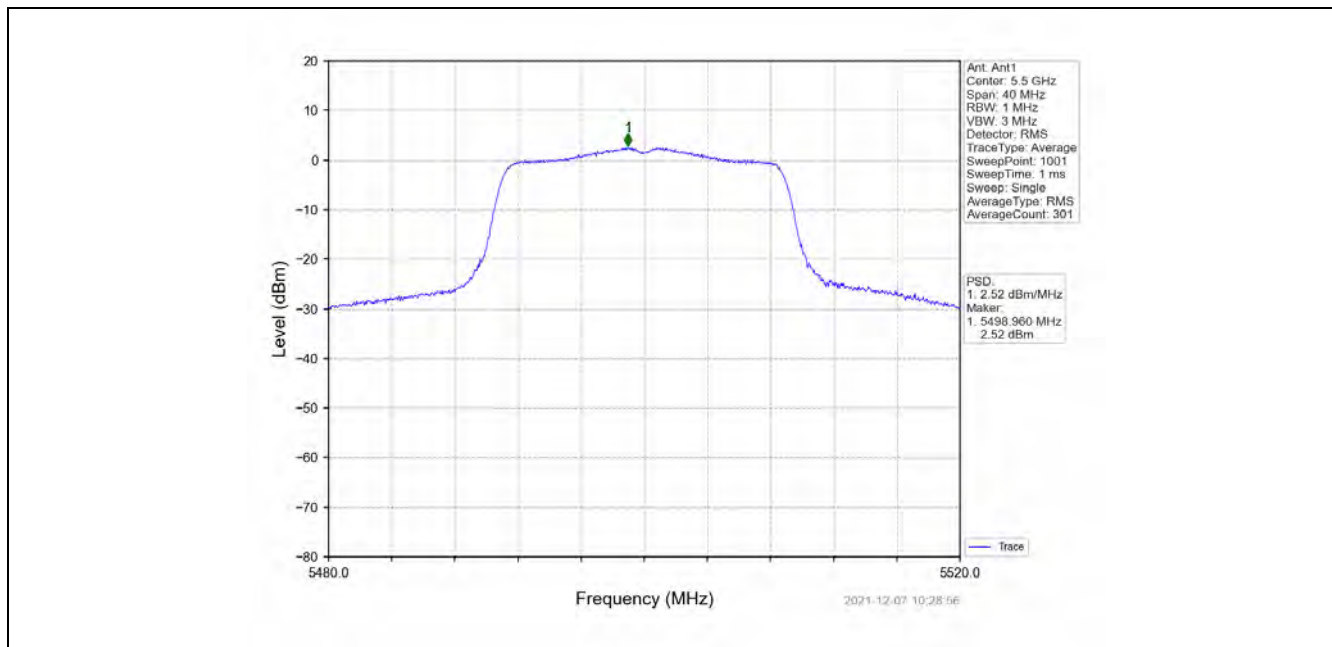


802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

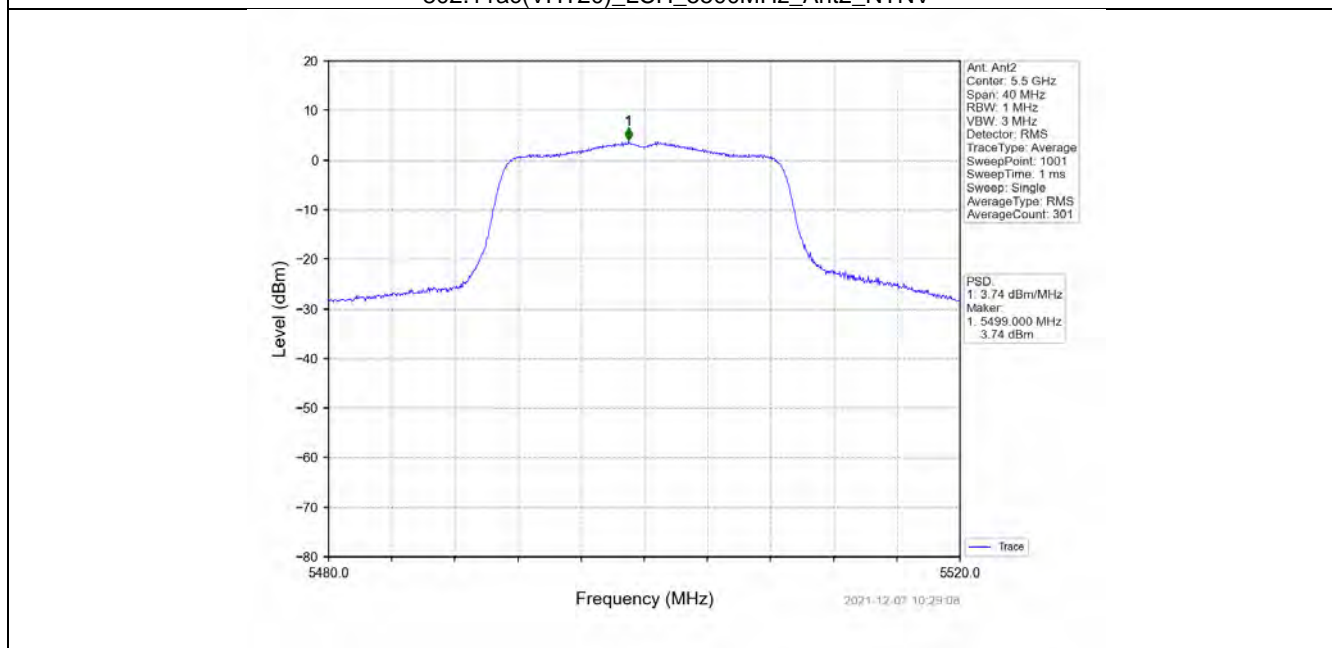


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802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV

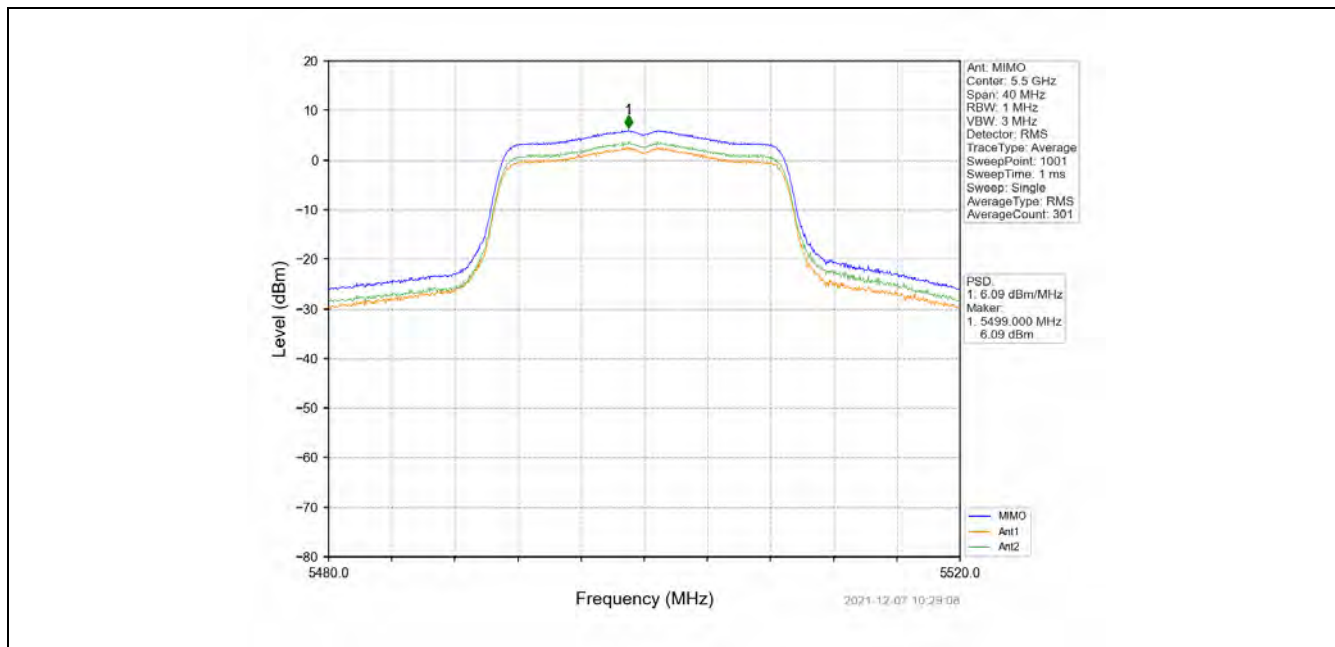


802.11ac(VHT20)_LCH_5500MHz_MIMO_NTNV

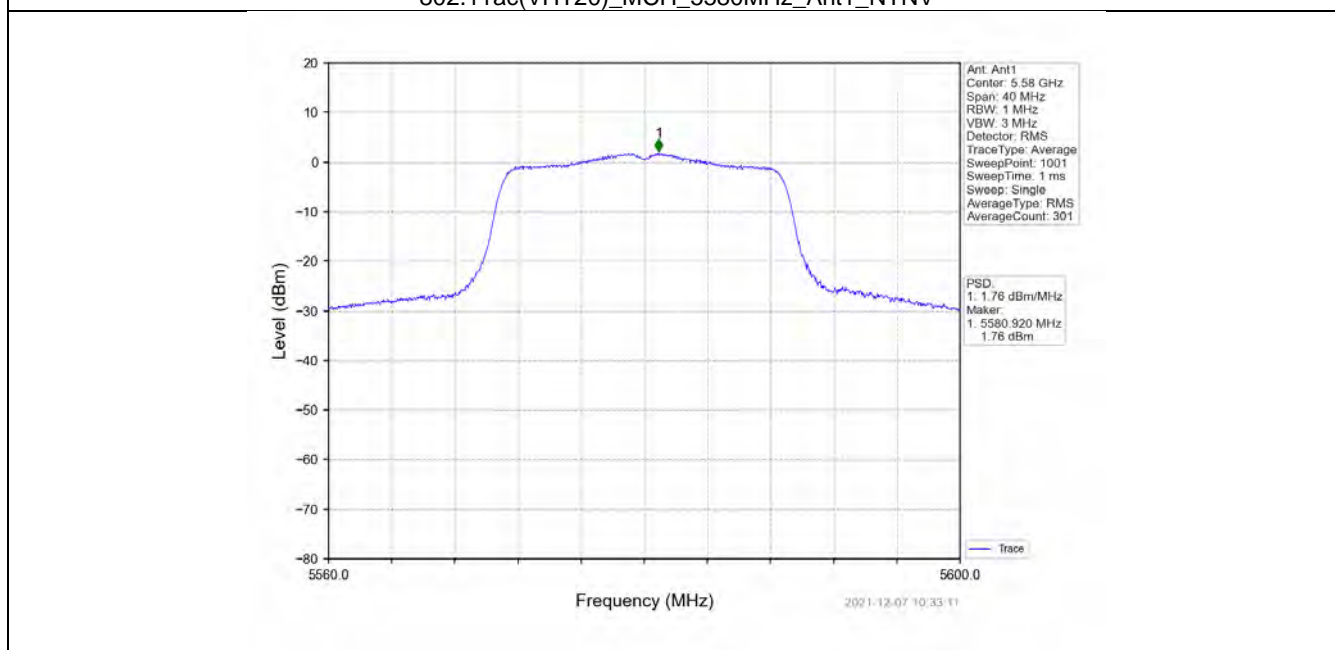


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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV

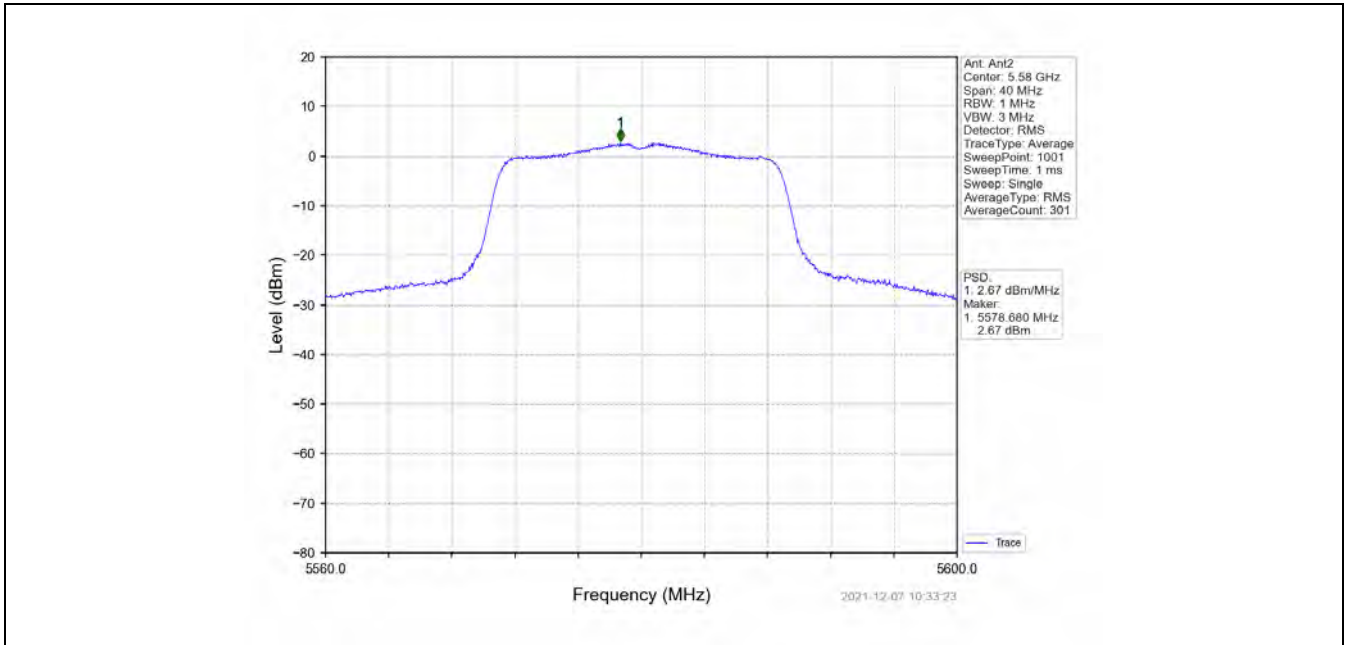


802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV

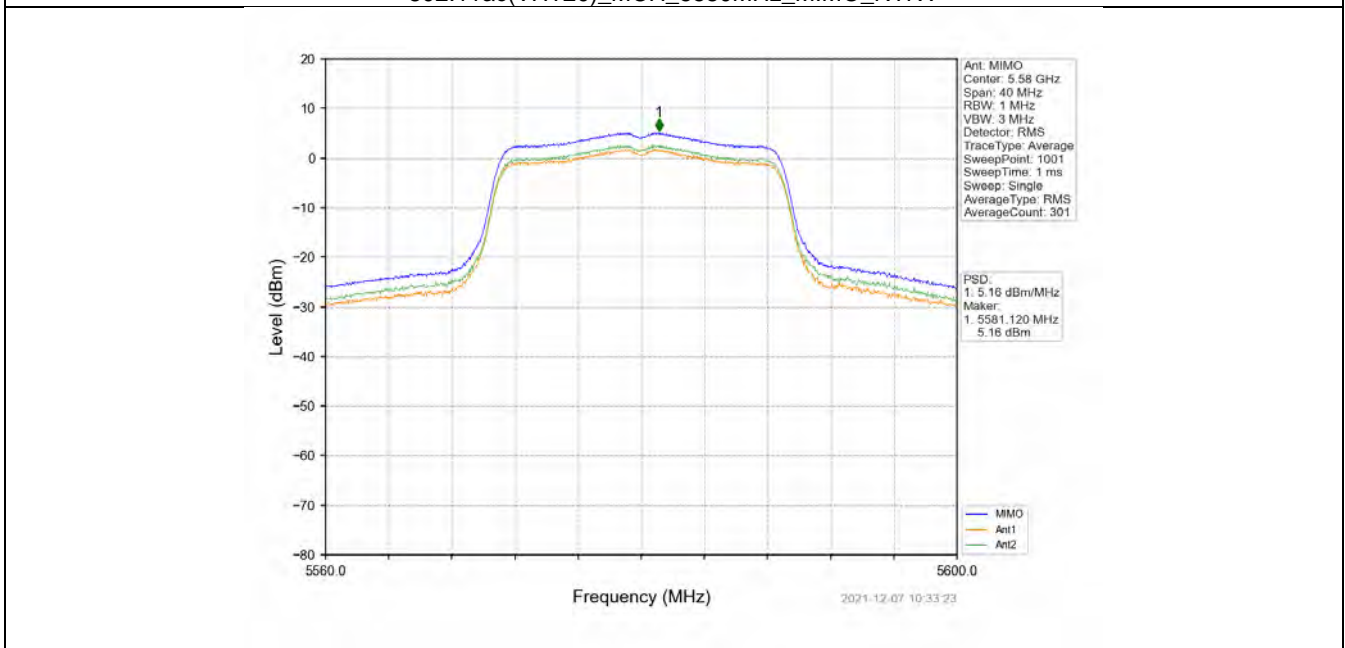


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802.11ac(VHT20)_MCH_5580MHz_MIMO_NTNV

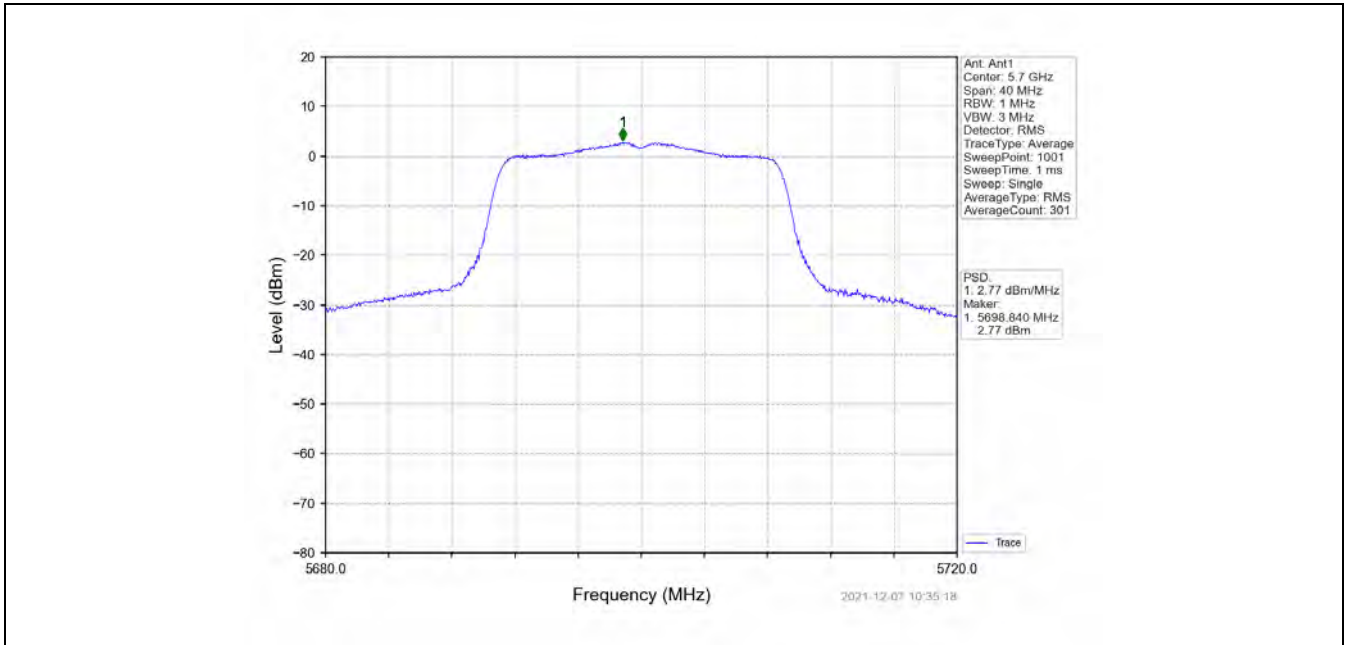


802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV

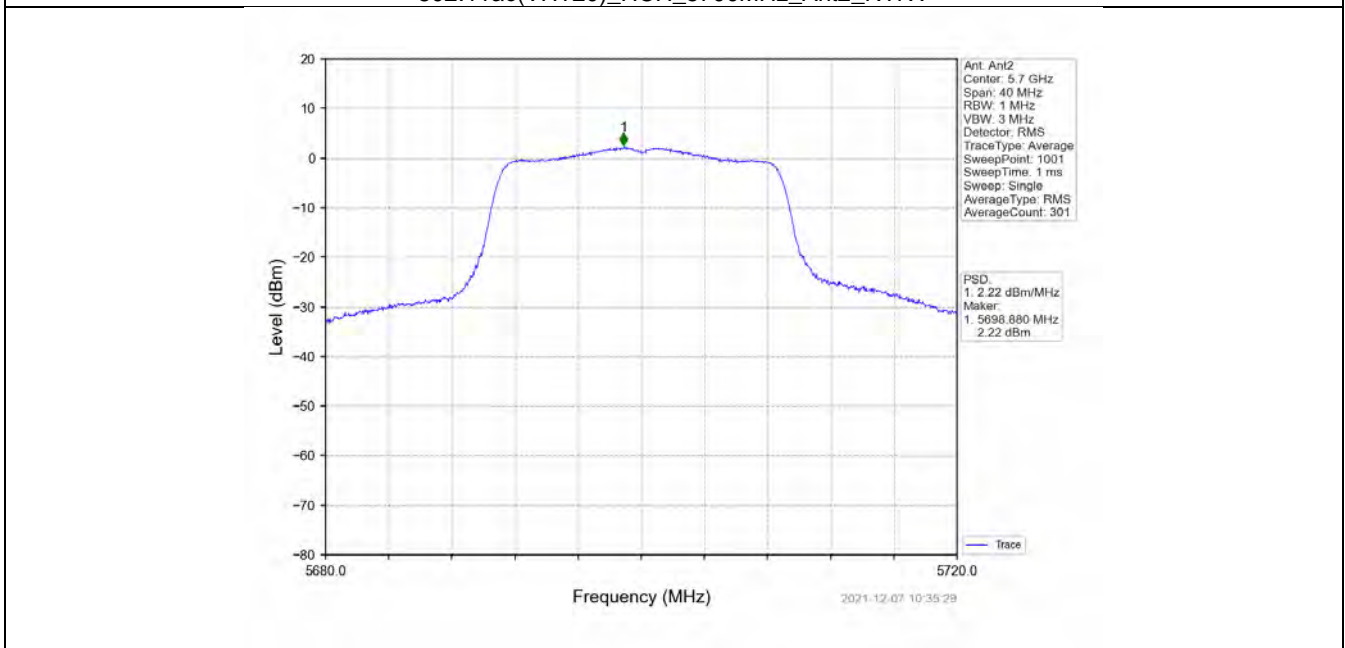


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802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV

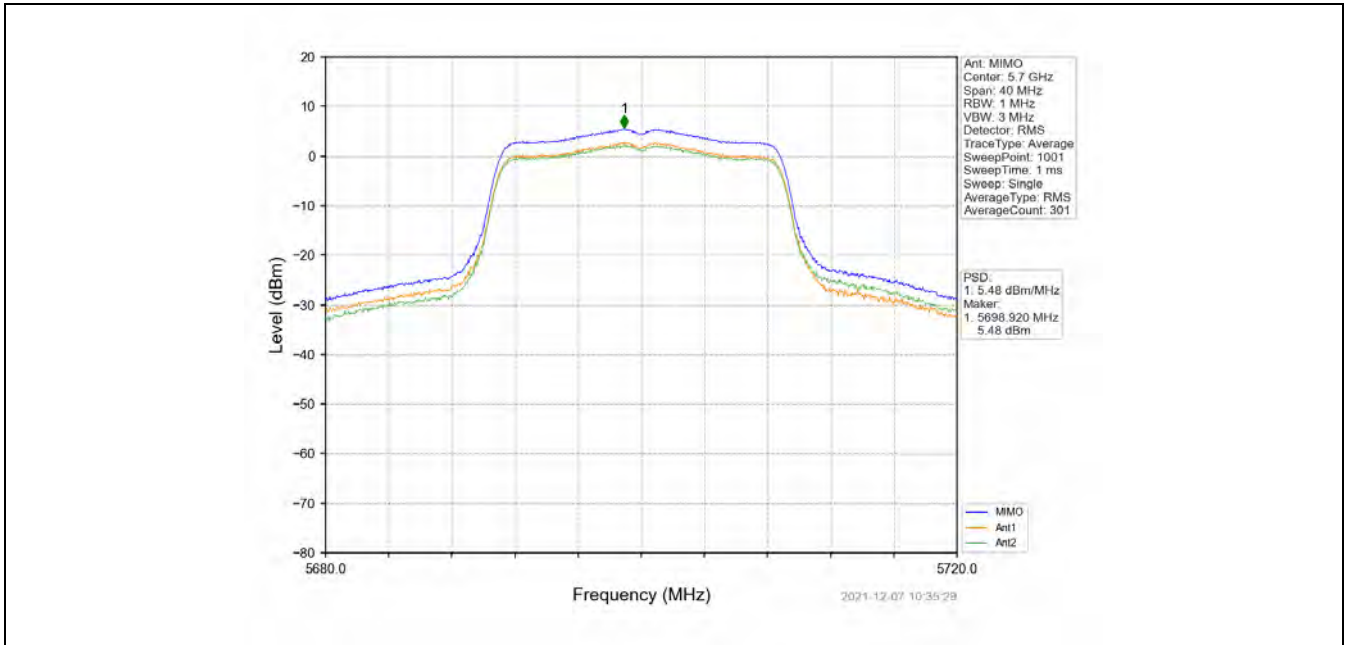


802.11ac(VHT20)_HCH_5700MHz_MIMO_NTNV

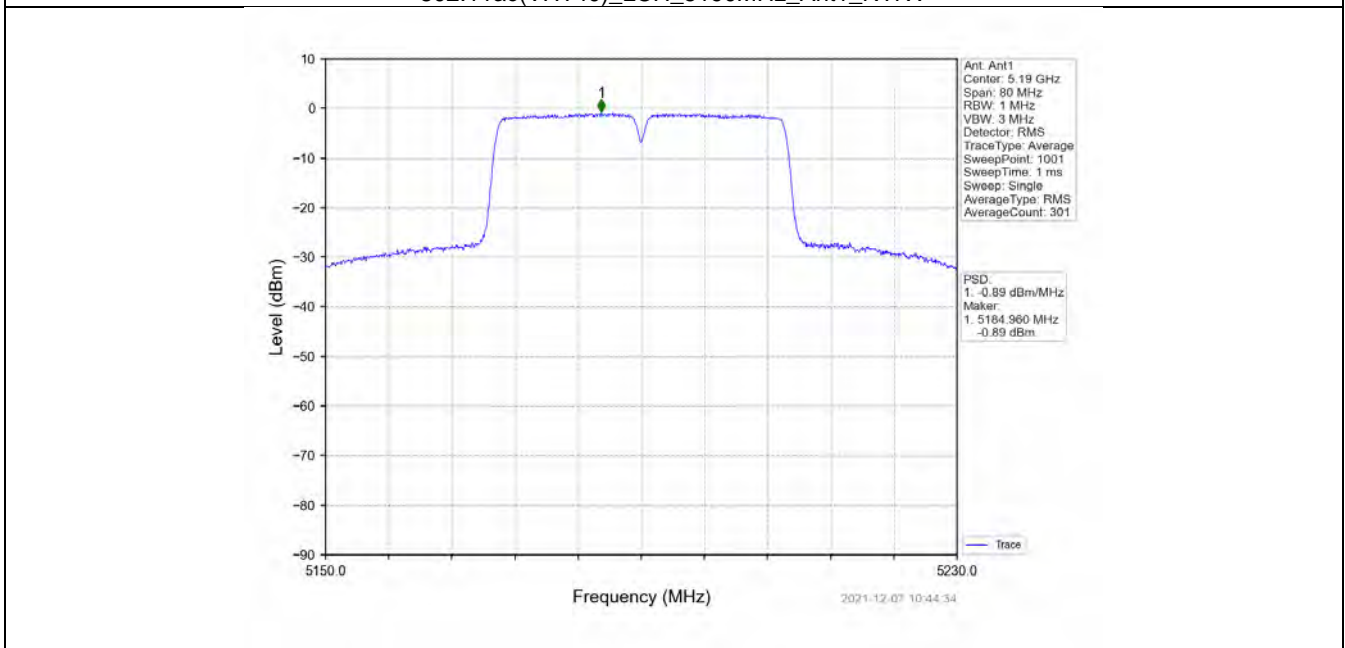


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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

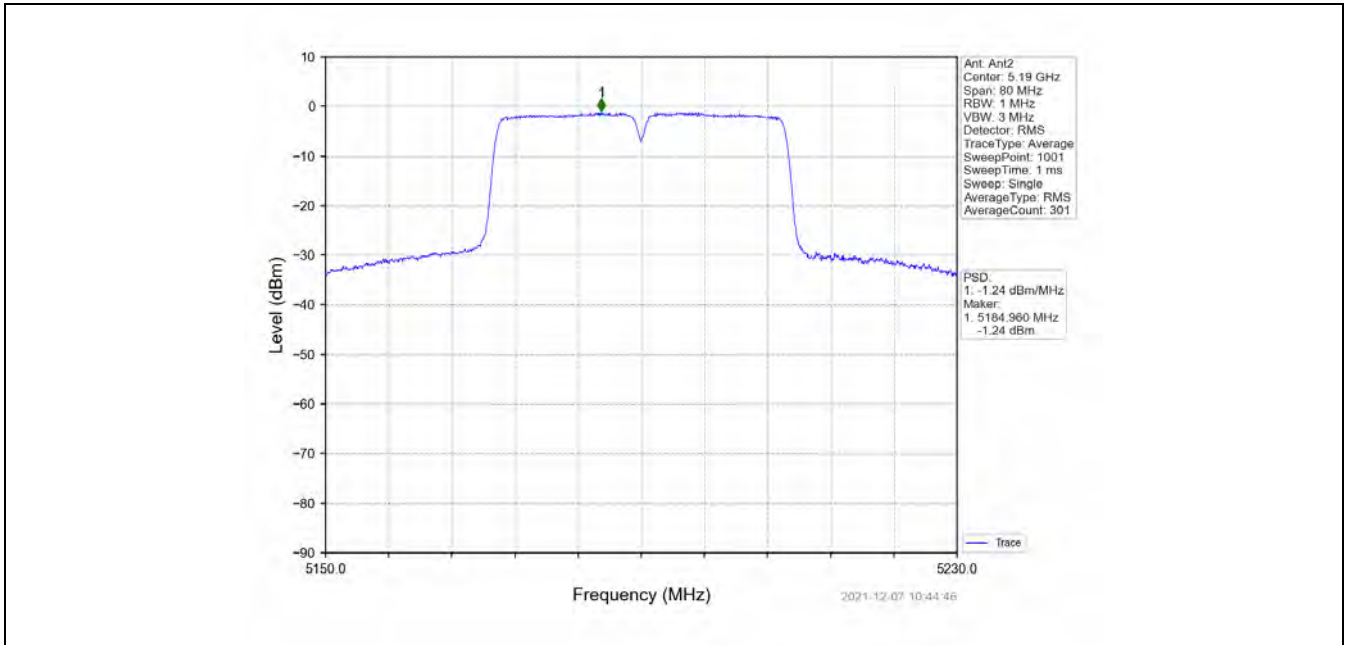


802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

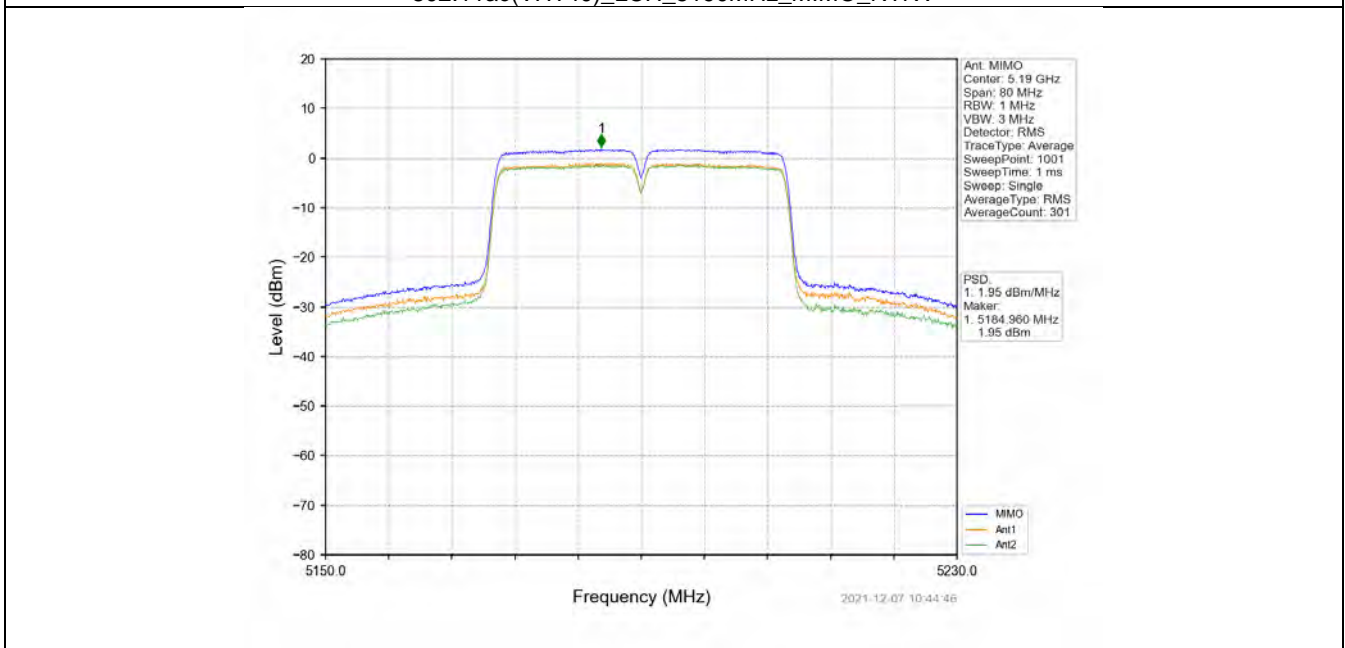


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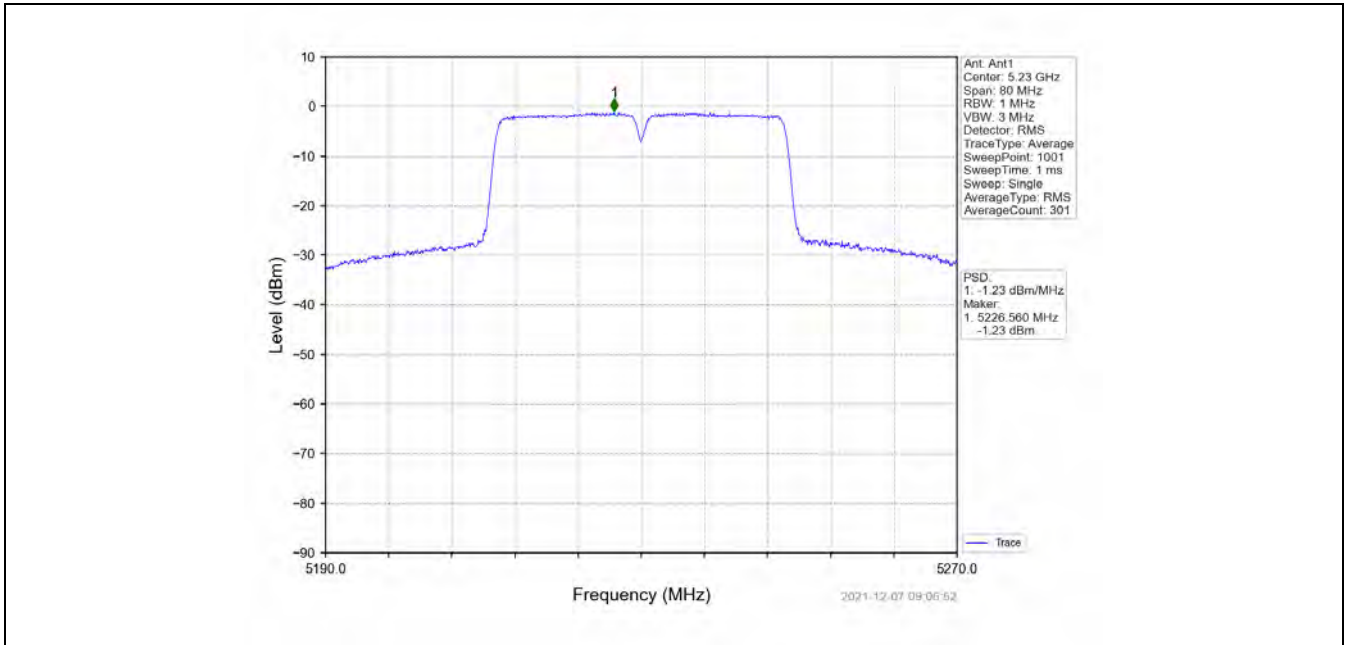
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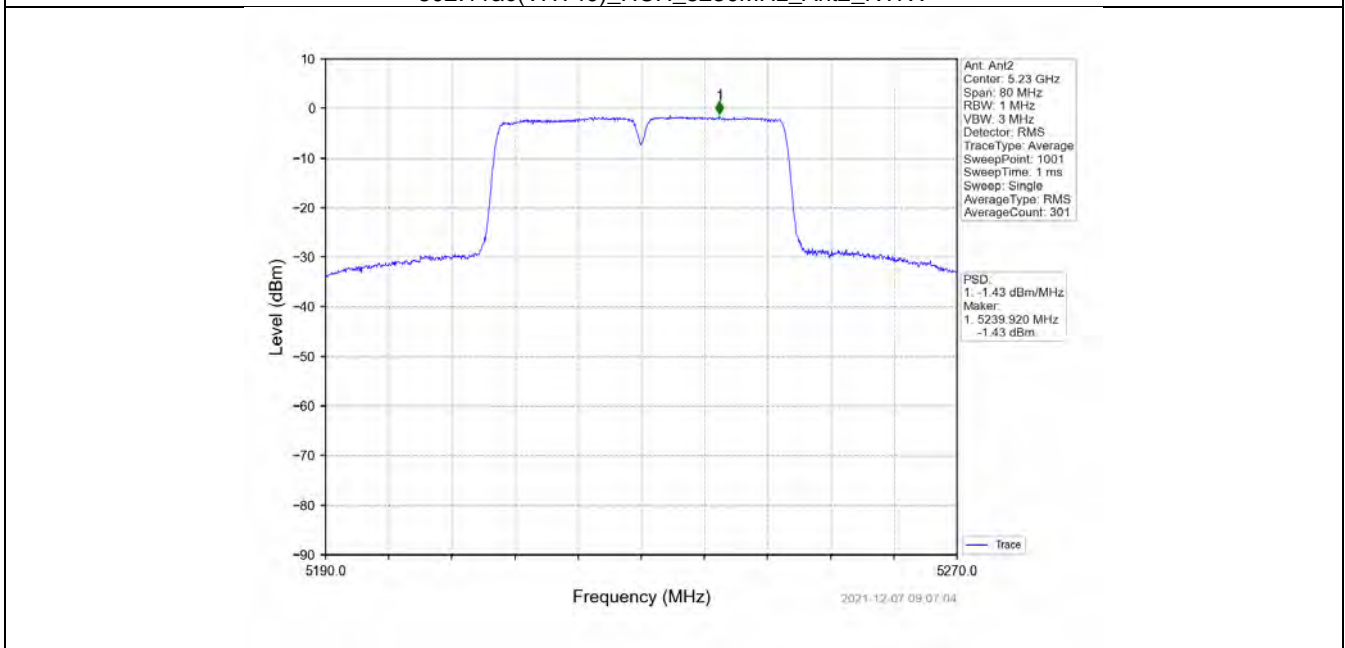
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

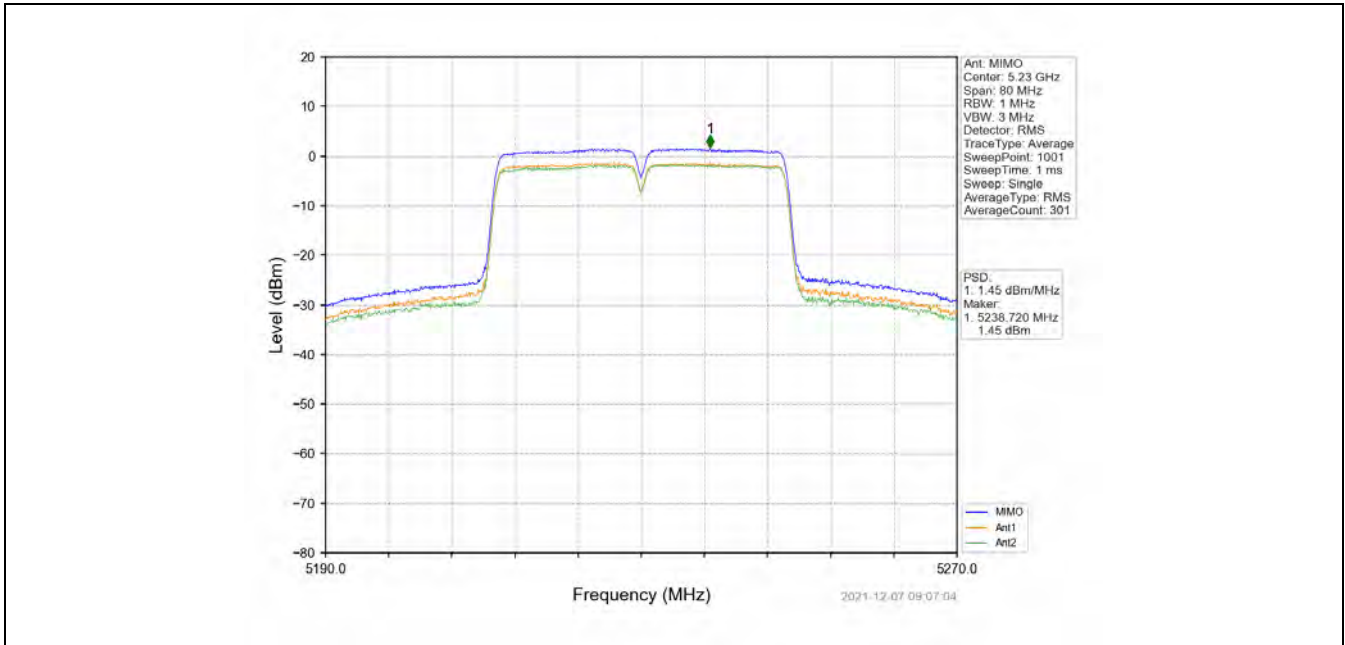


802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV

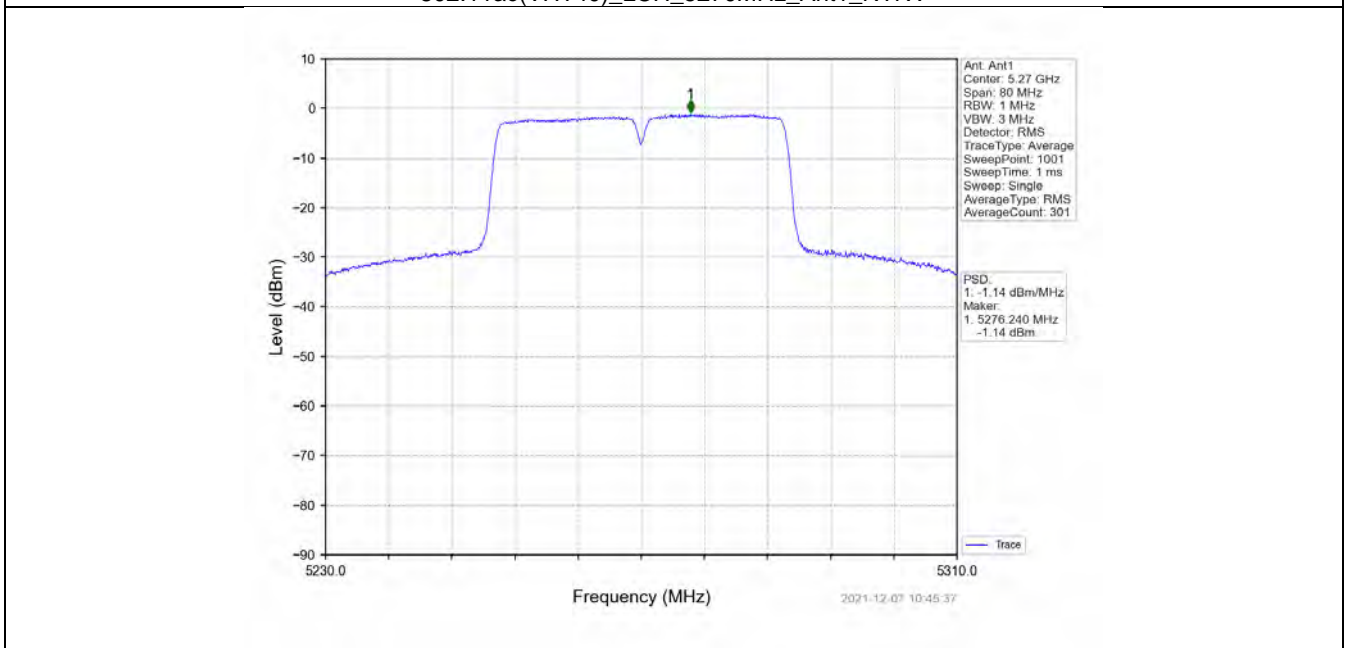


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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV

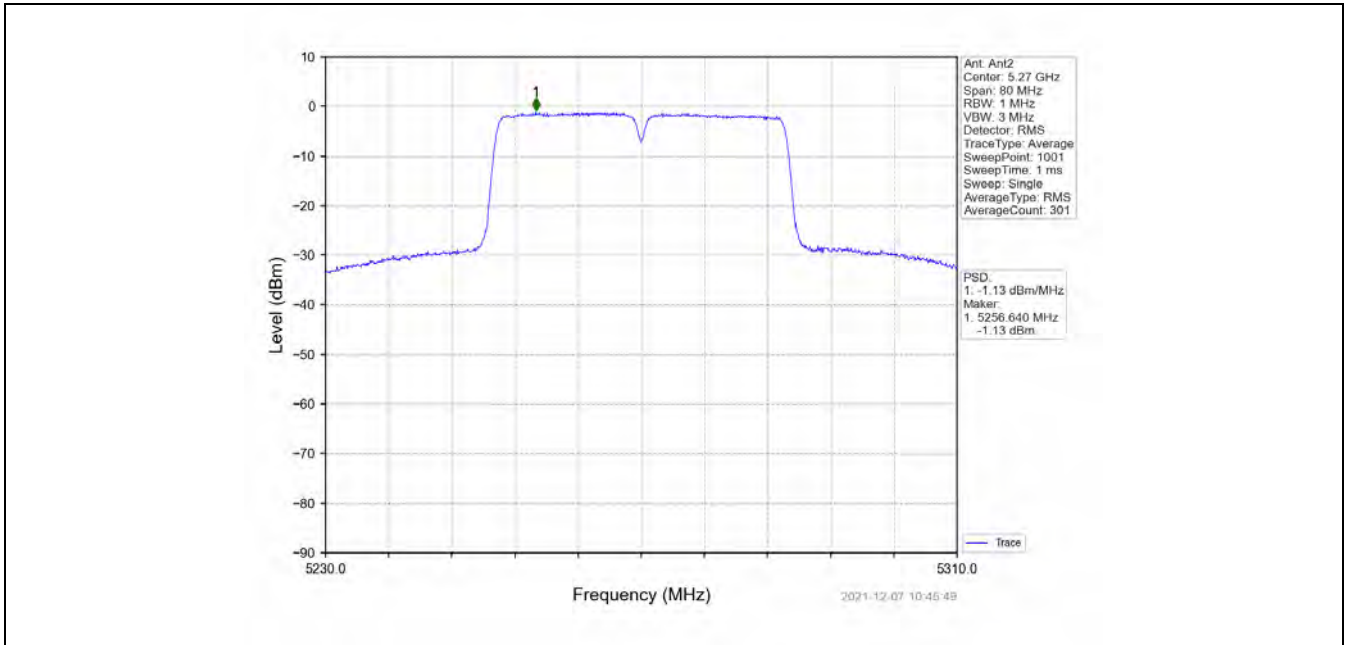


802.11ac(VHT40)_LCH_5270MHz_Ant2_NTNV

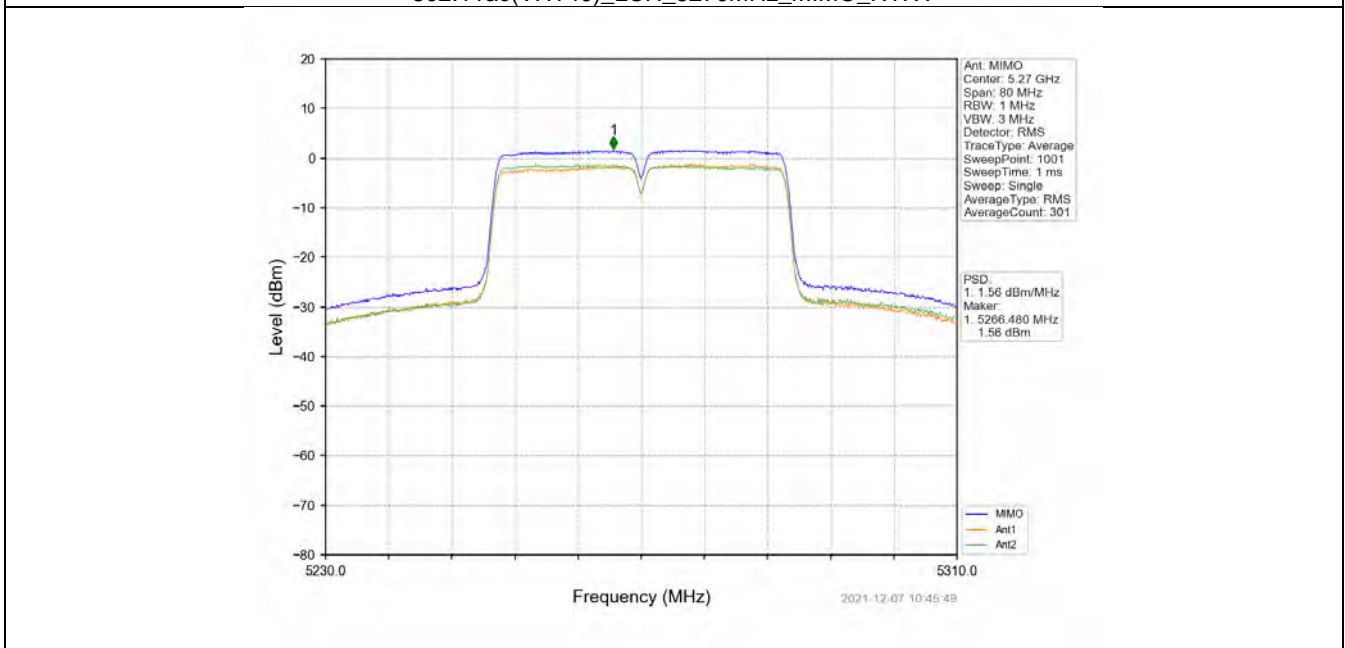


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802.11ac(VHT40)_LCH_5270MHz_MIMO_NTNV

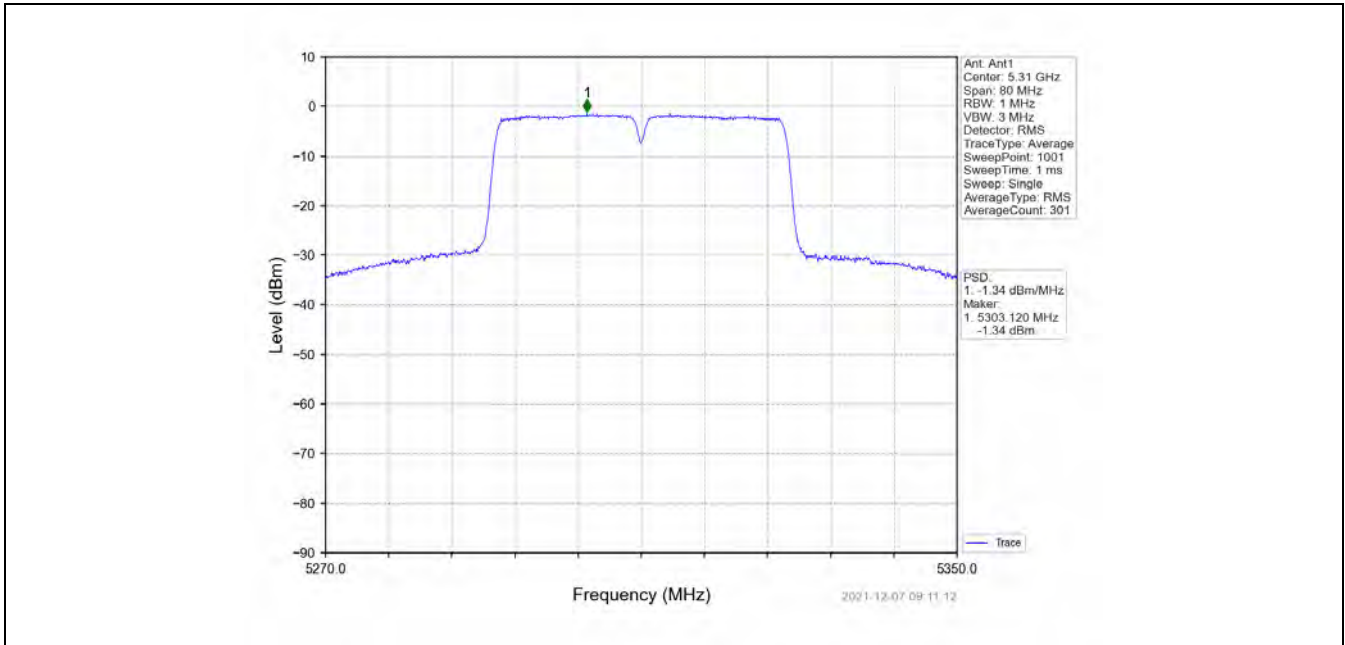


802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV

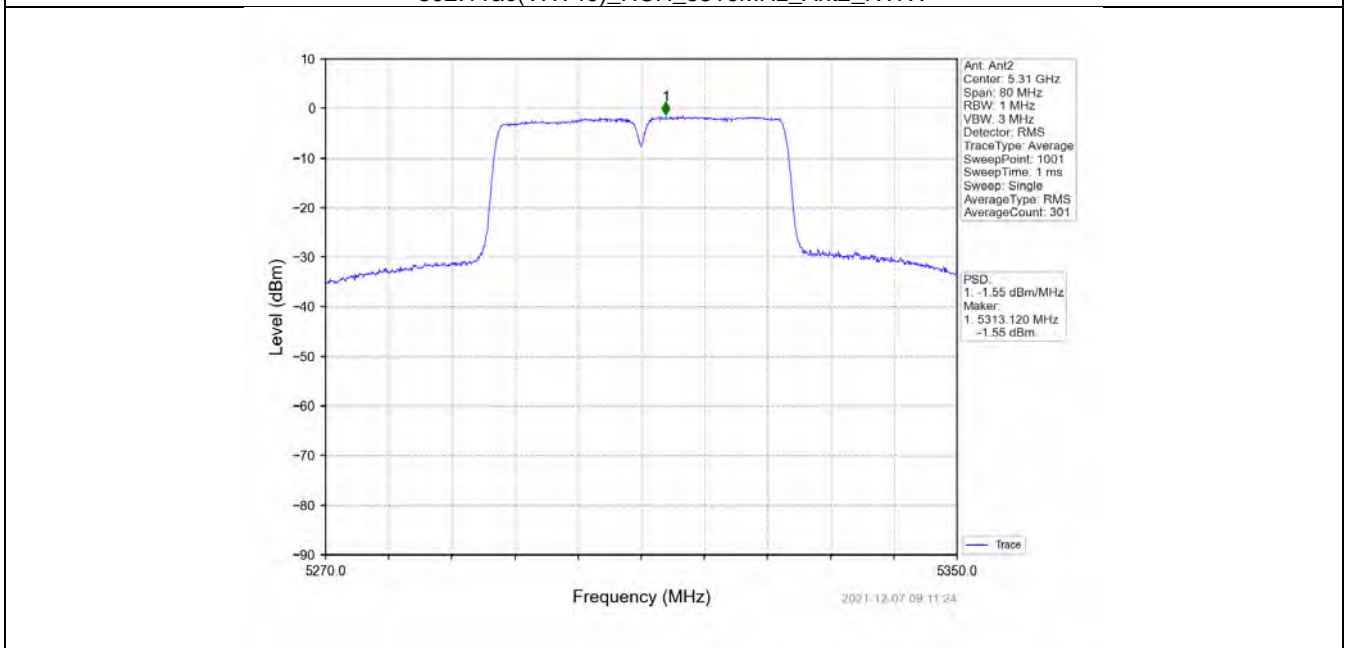


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802.11ac(VHT40)_HCH_5310MHz_Ant2_NTNV

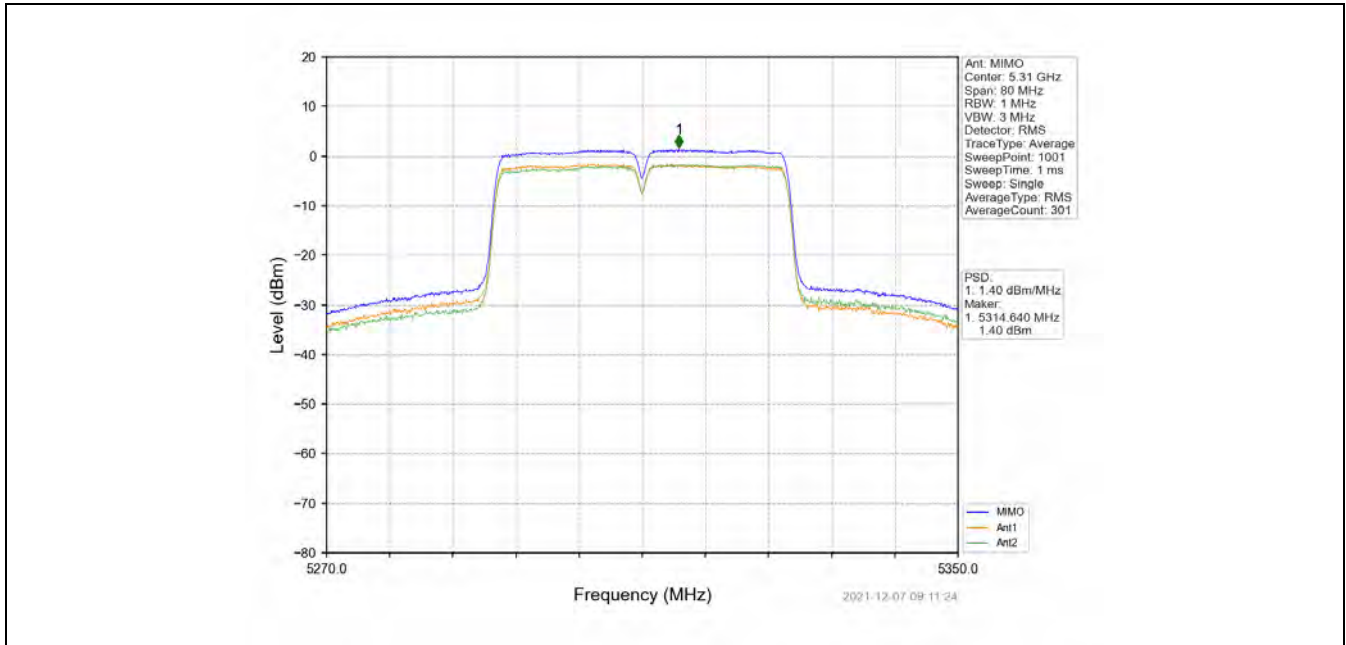


802.11ac(VHT40)_HCH_5310MHz_MIMO_NTNV

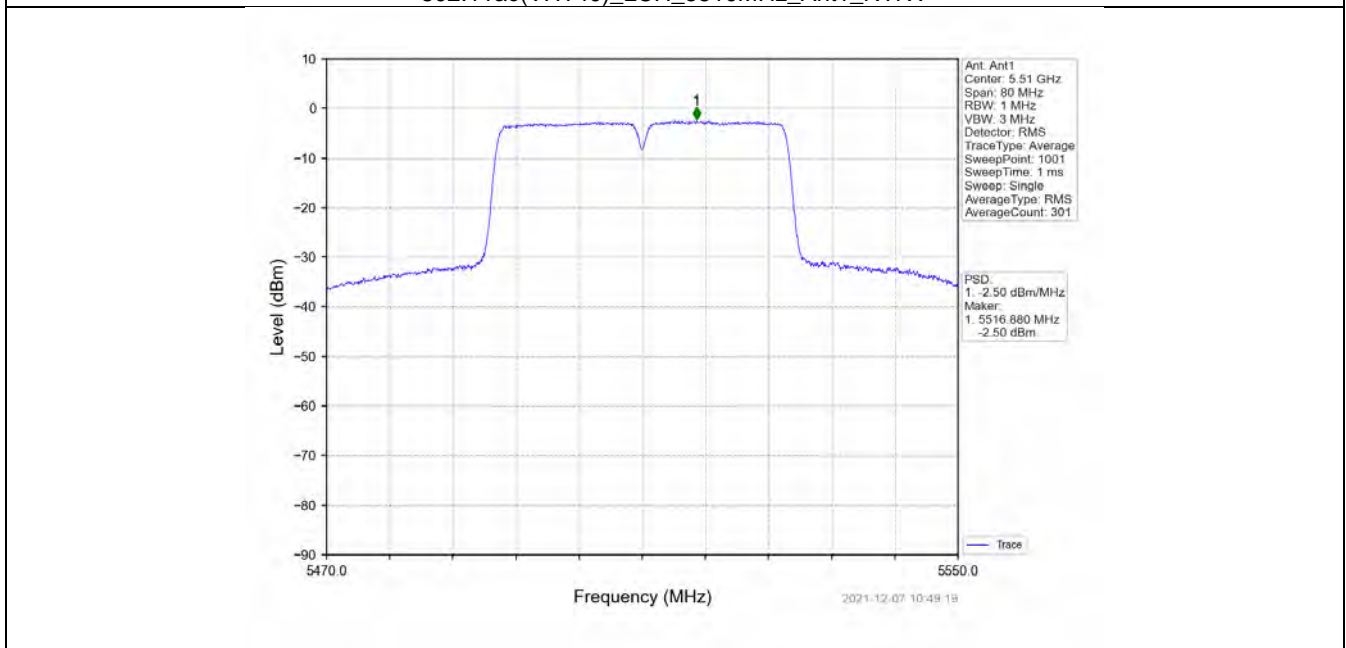


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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

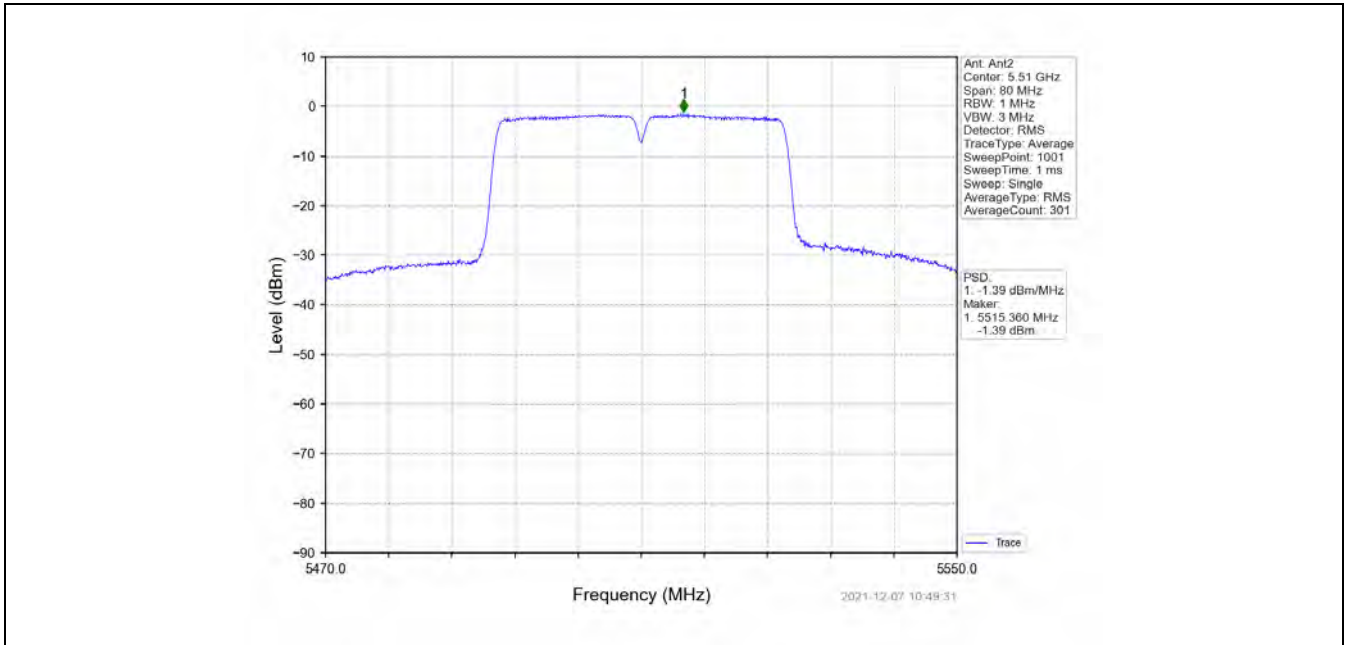


802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV

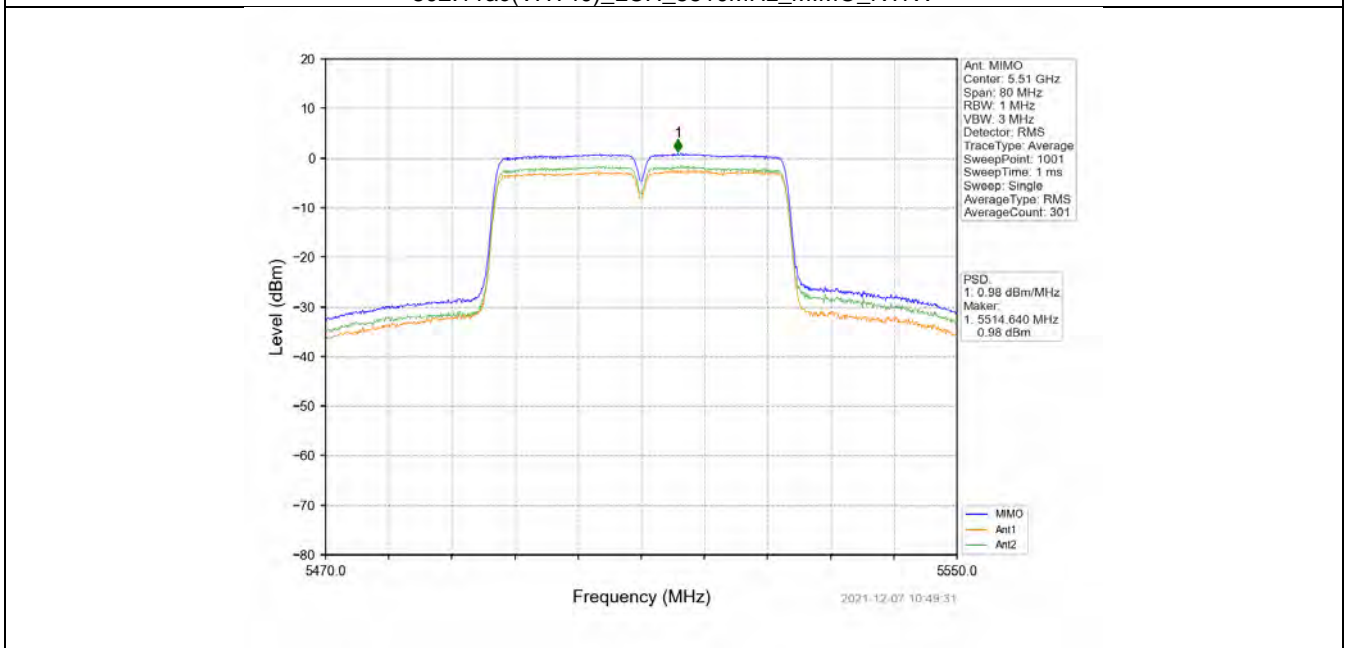


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802.11ac(VHT40)_LCH_5510MHz_MIMO_NTNV

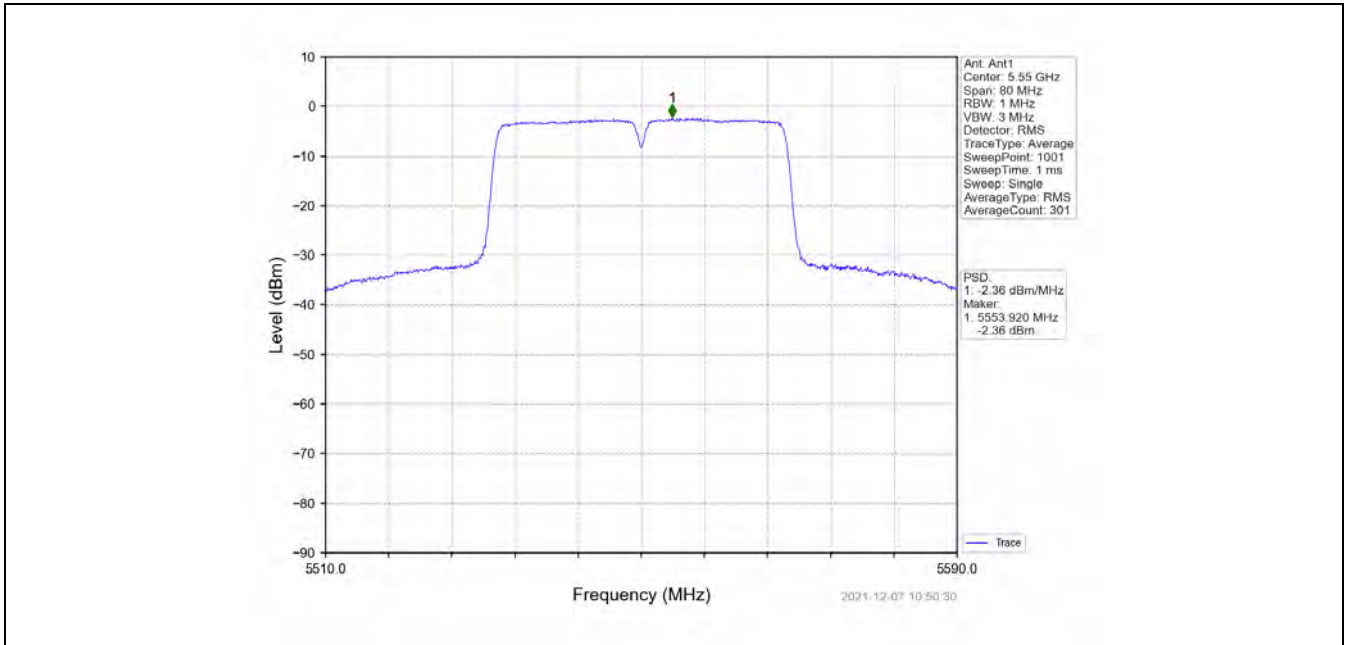


802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV

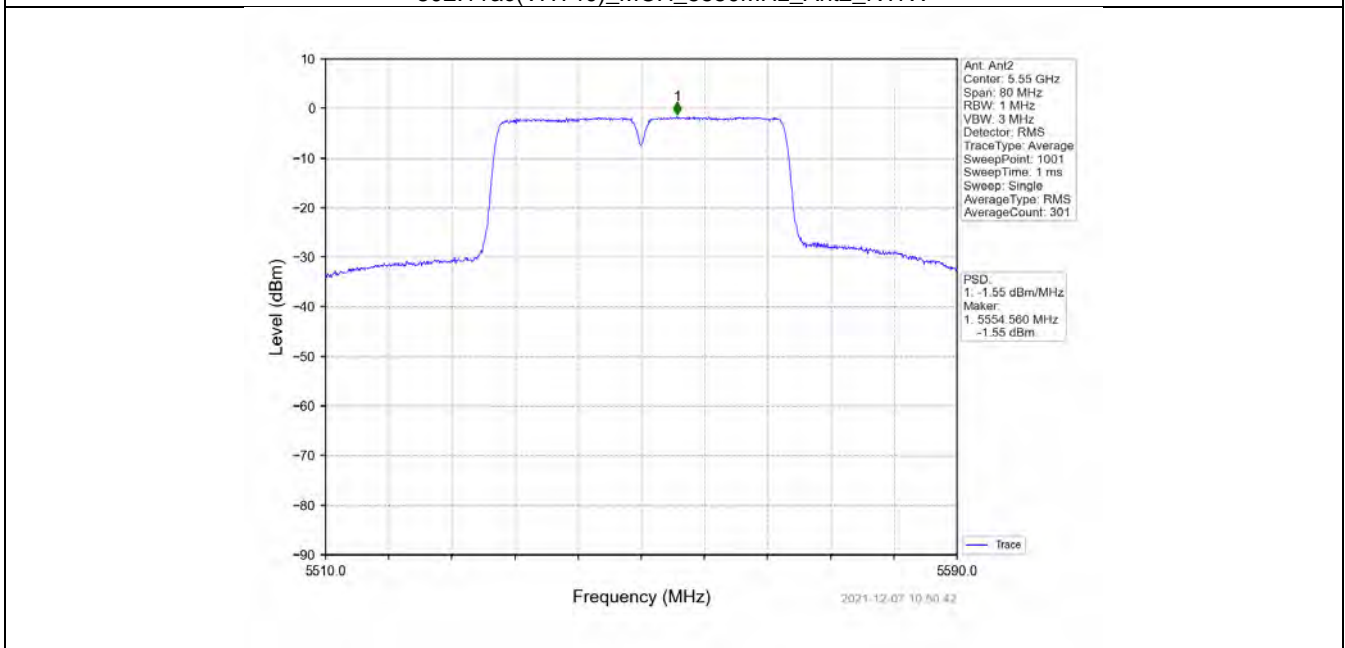


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802.11ac(VHT40)_MCH_5550MHz_Ant2_NTNV

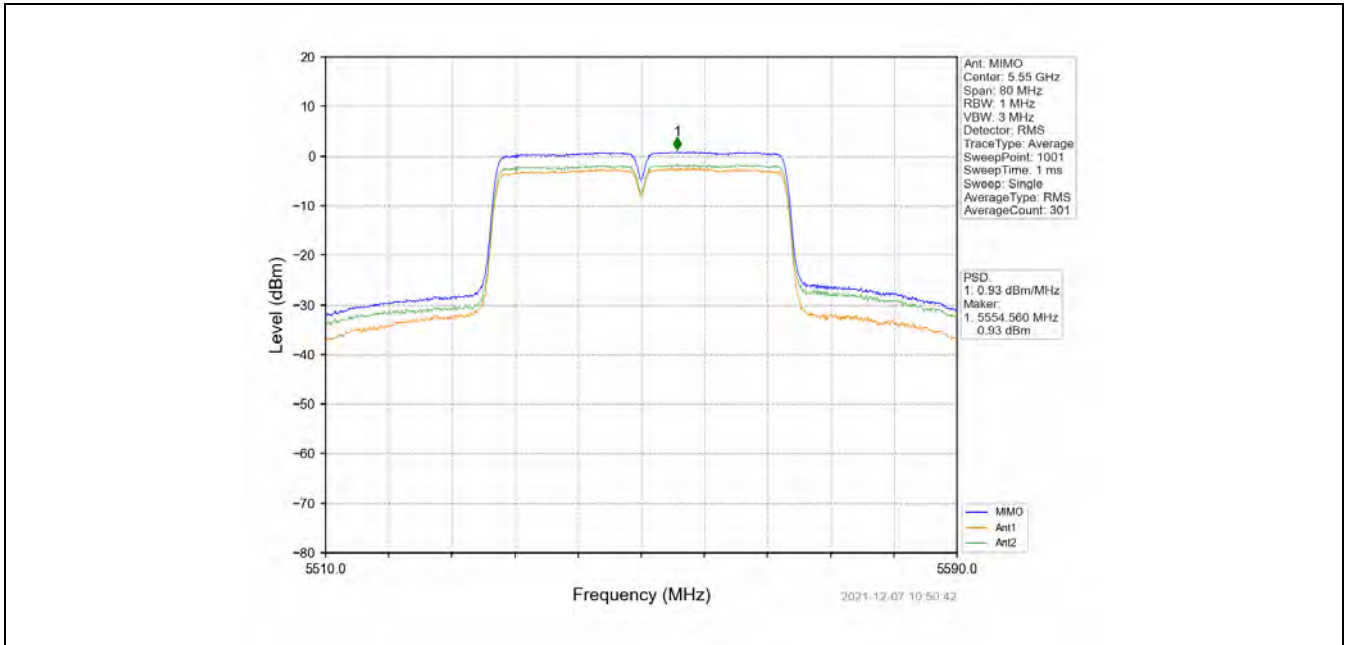


802.11ac(VHT40)_MCH_5550MHz_MIMO_NTNV

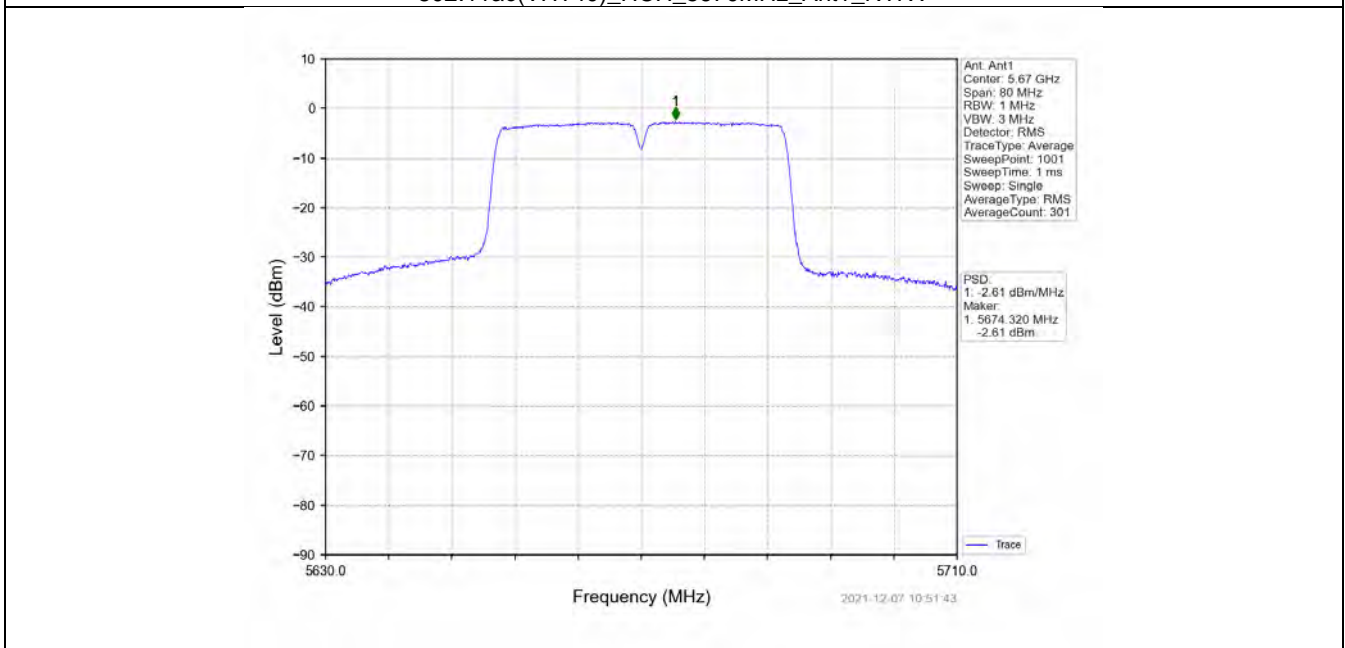


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802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV

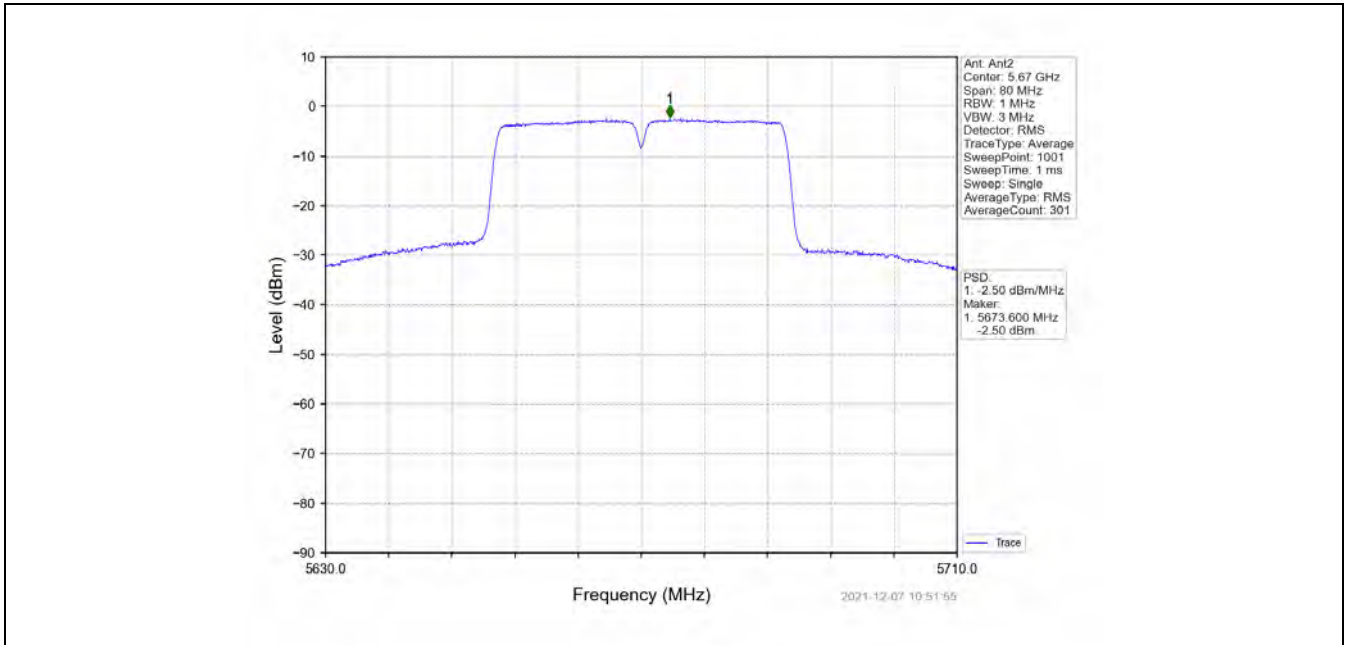


802.11ac(VHT40)_HCH_5670MHz_Ant2_NTNV

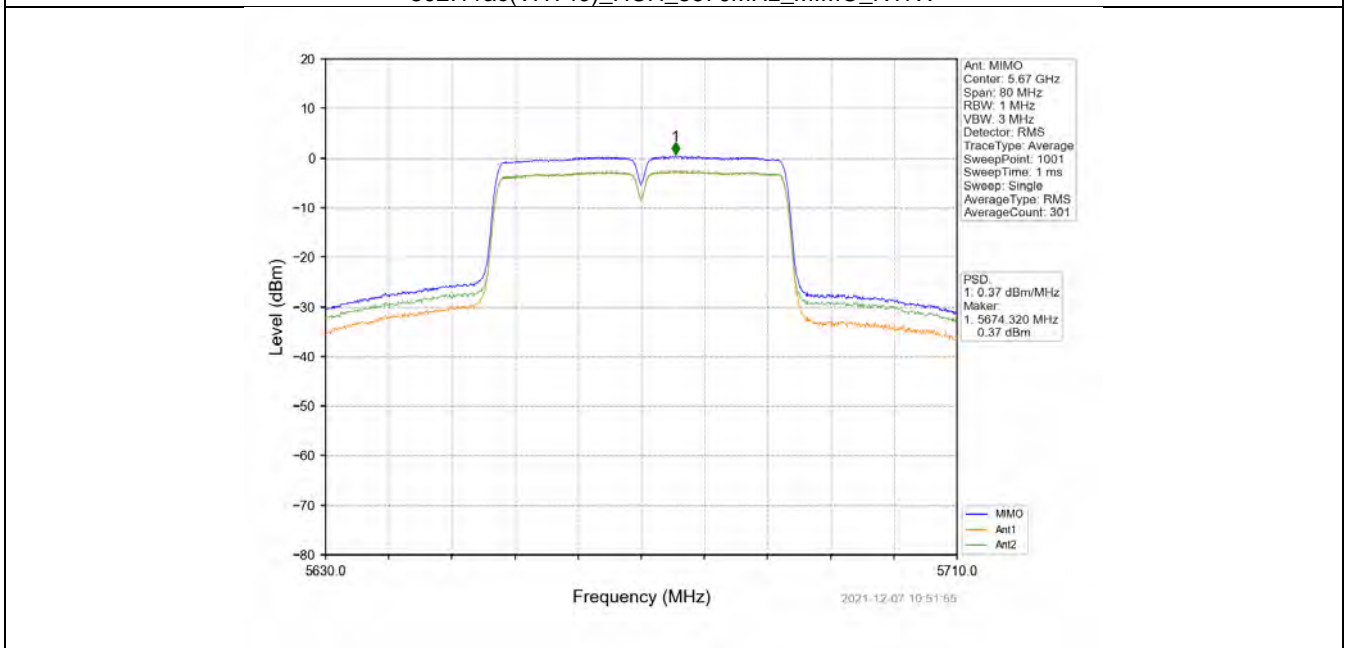


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802.11ac(VHT40)_HCH_5670MHz_MIMO_NTNV

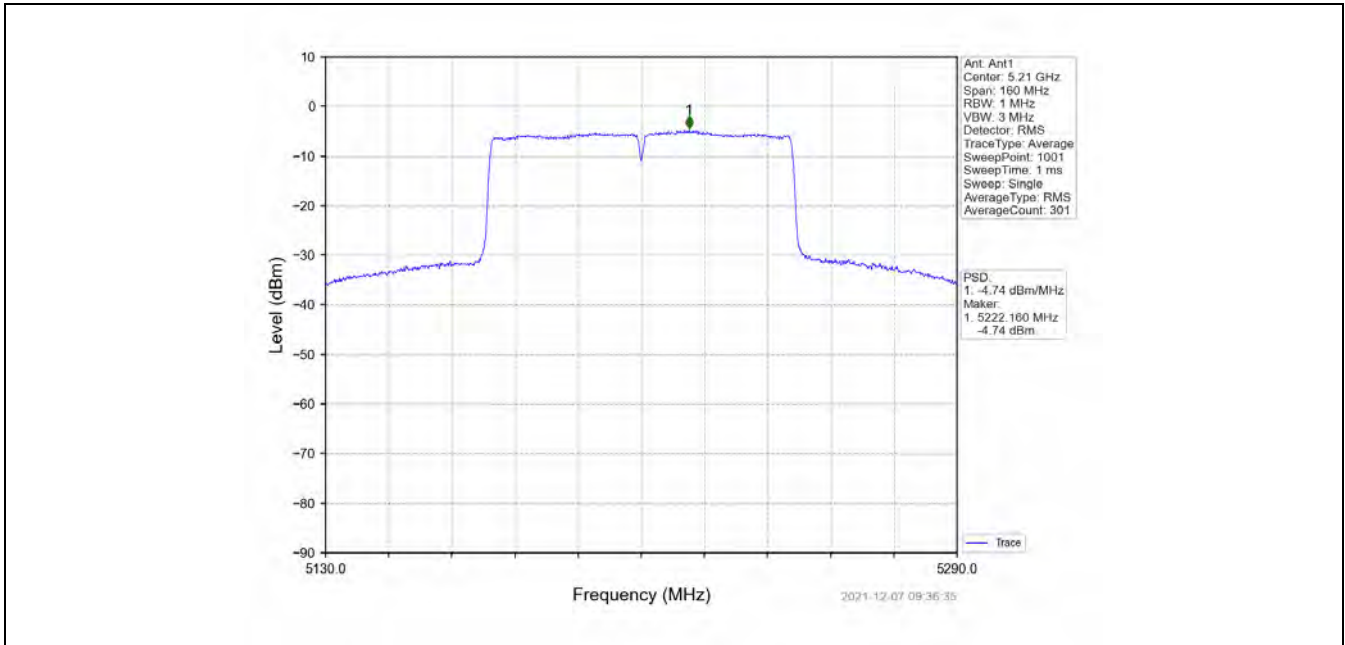


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

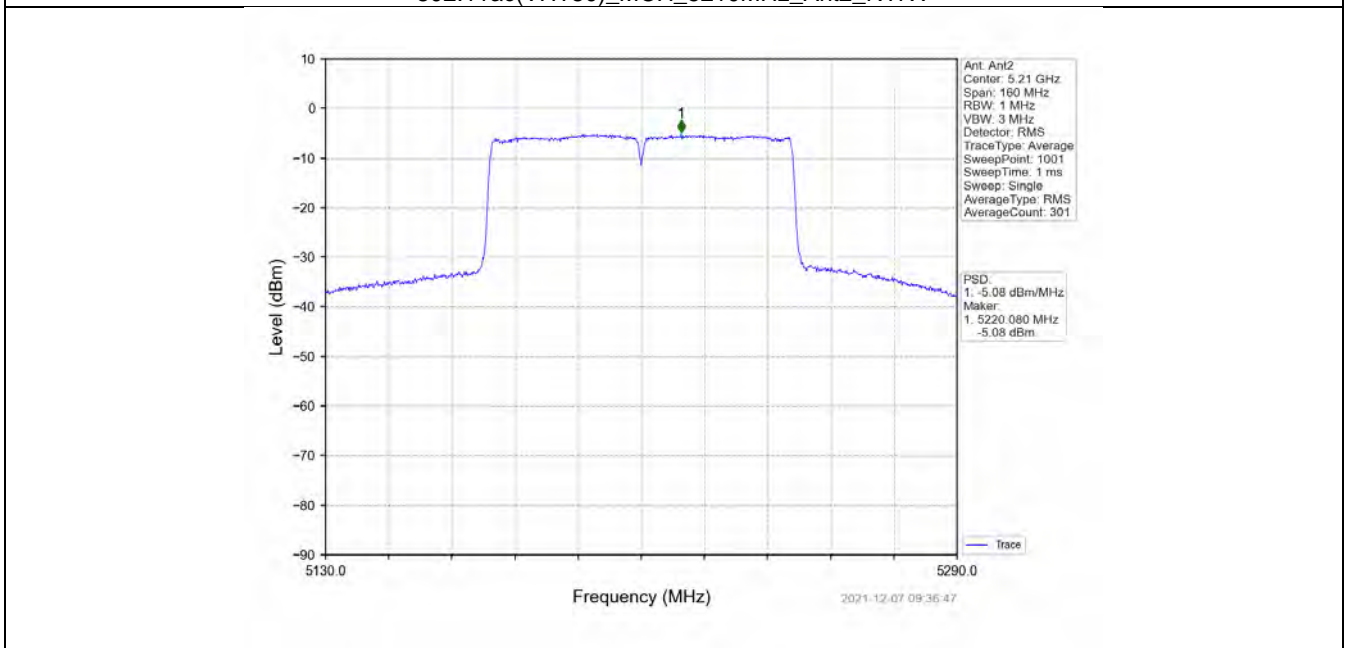


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802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV

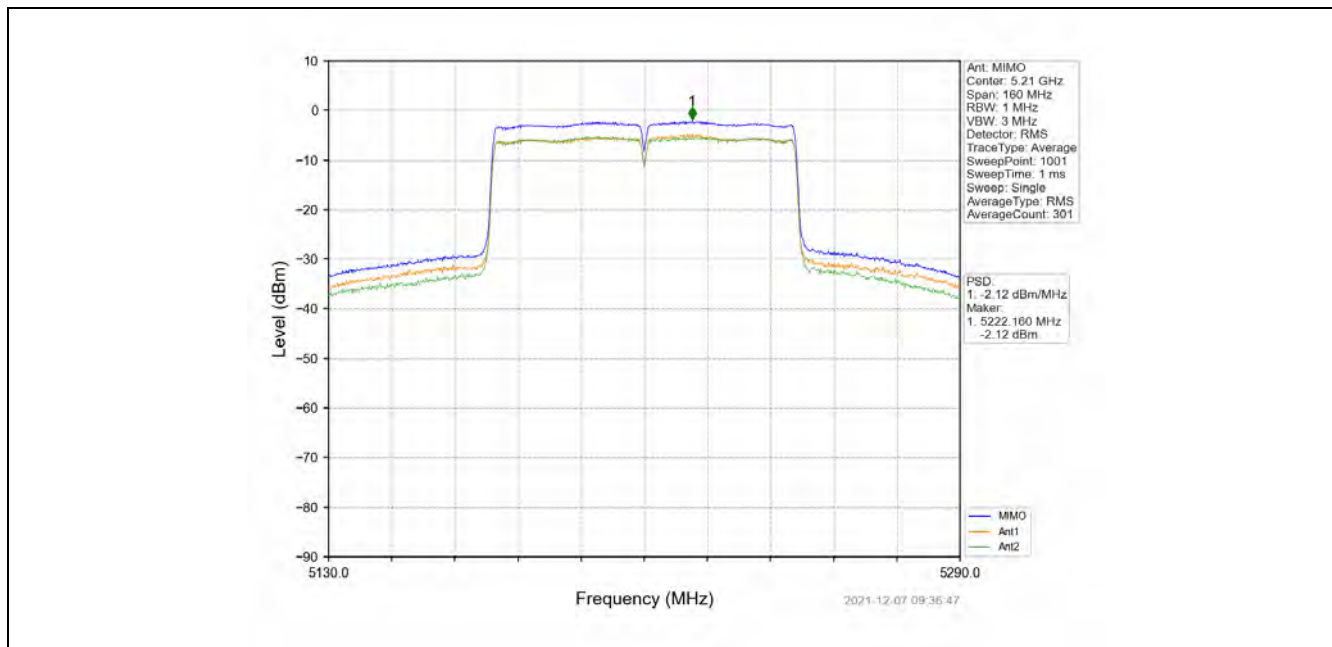


802.11ac(VHT80)_MCH_5210MHz_MIMO_NTNV



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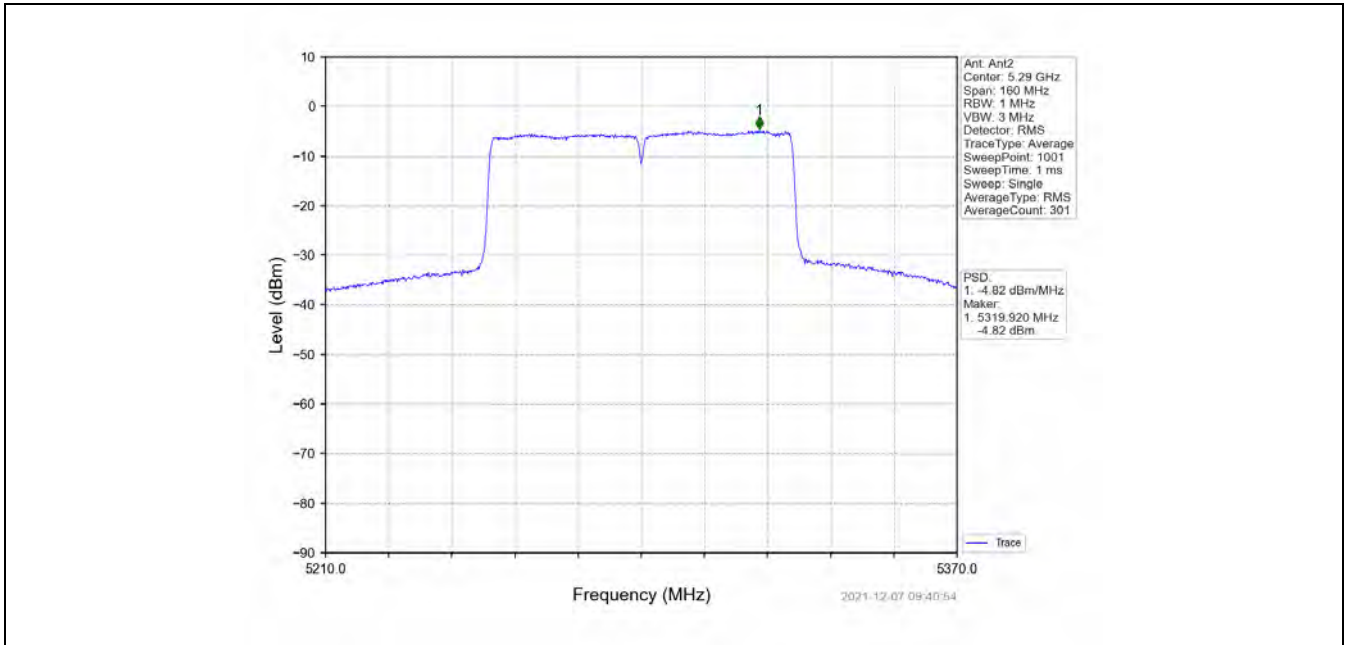
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



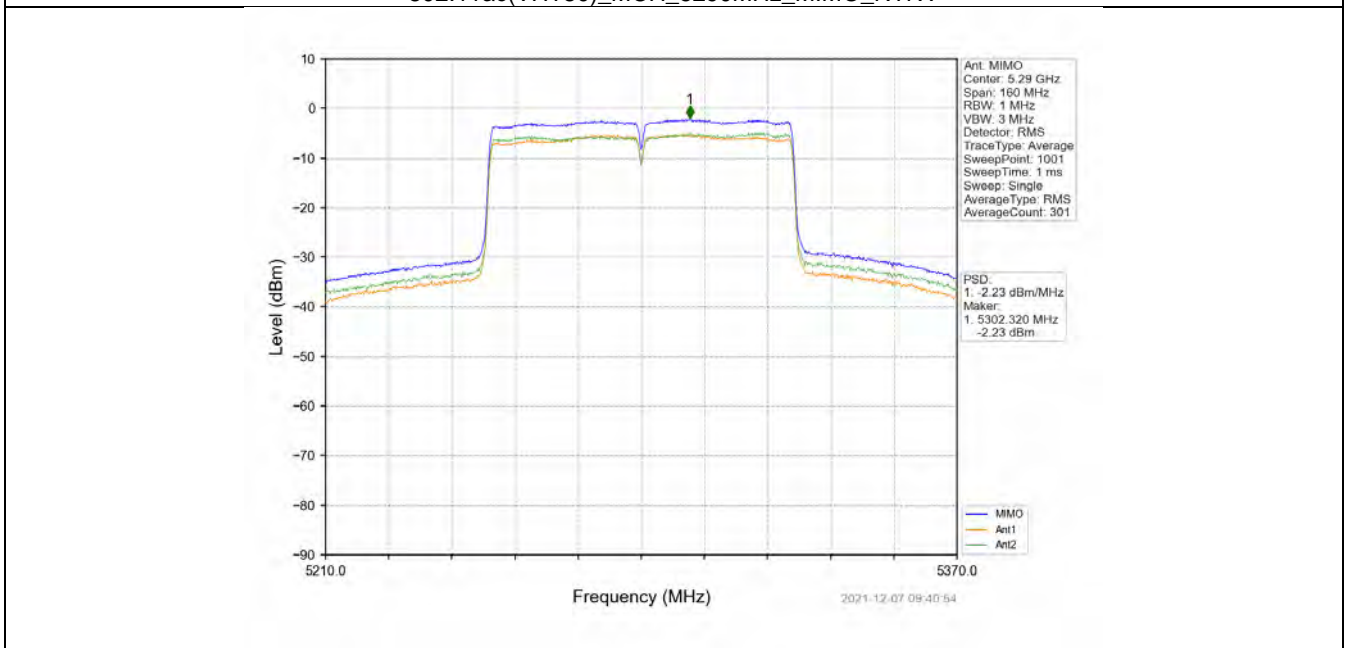
802.11ac(VHT80)_MCH_5290MHz_Ant2_NTNV



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802.11ac(VHT80)_MCH_5290MHz_MIMO_NTNV

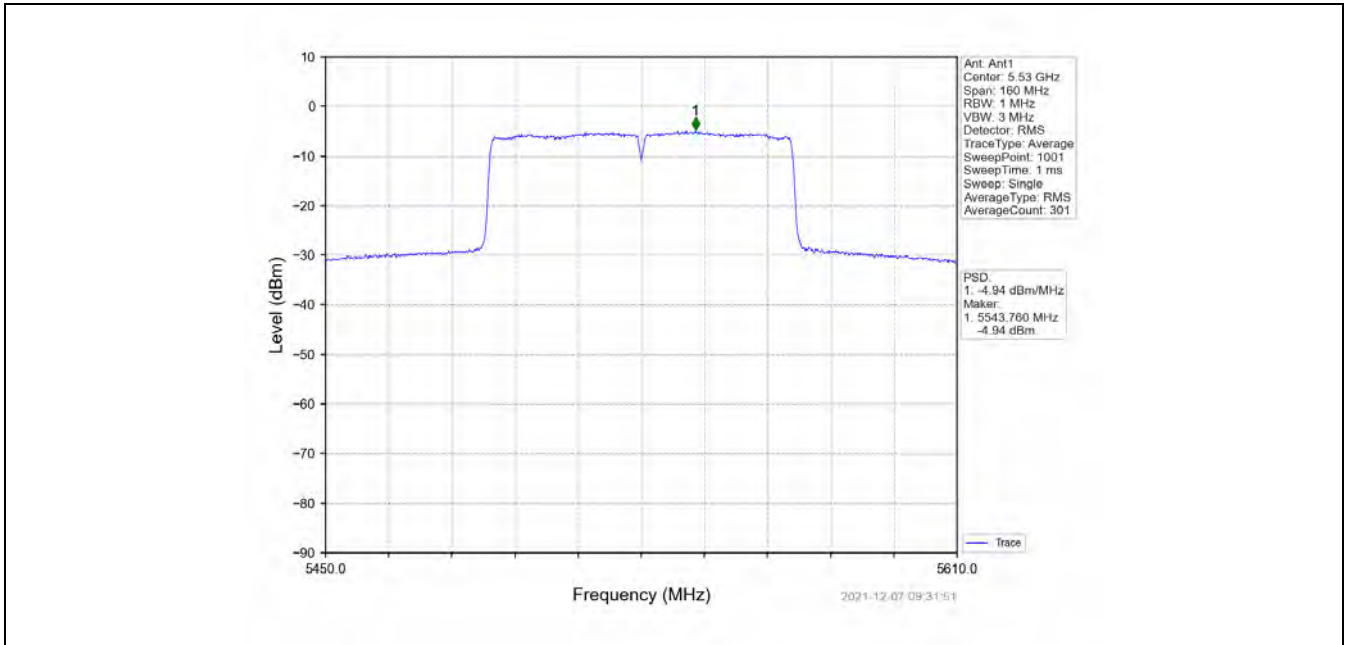


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

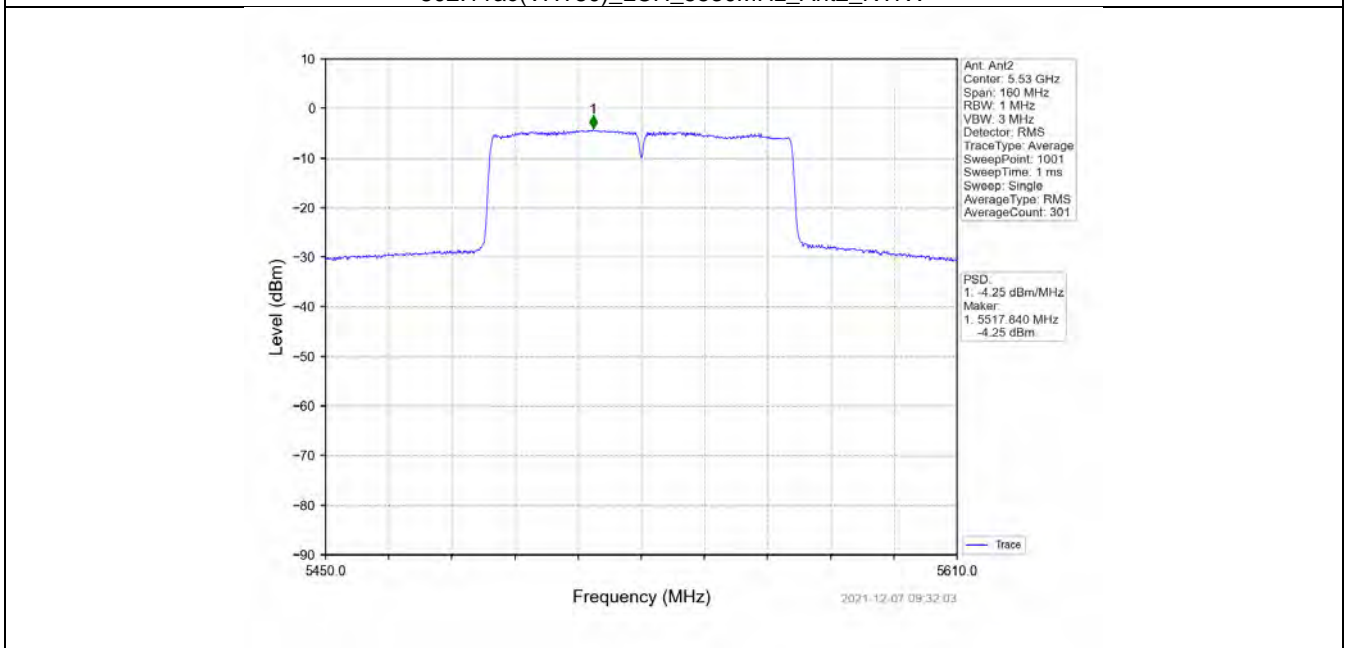


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802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV

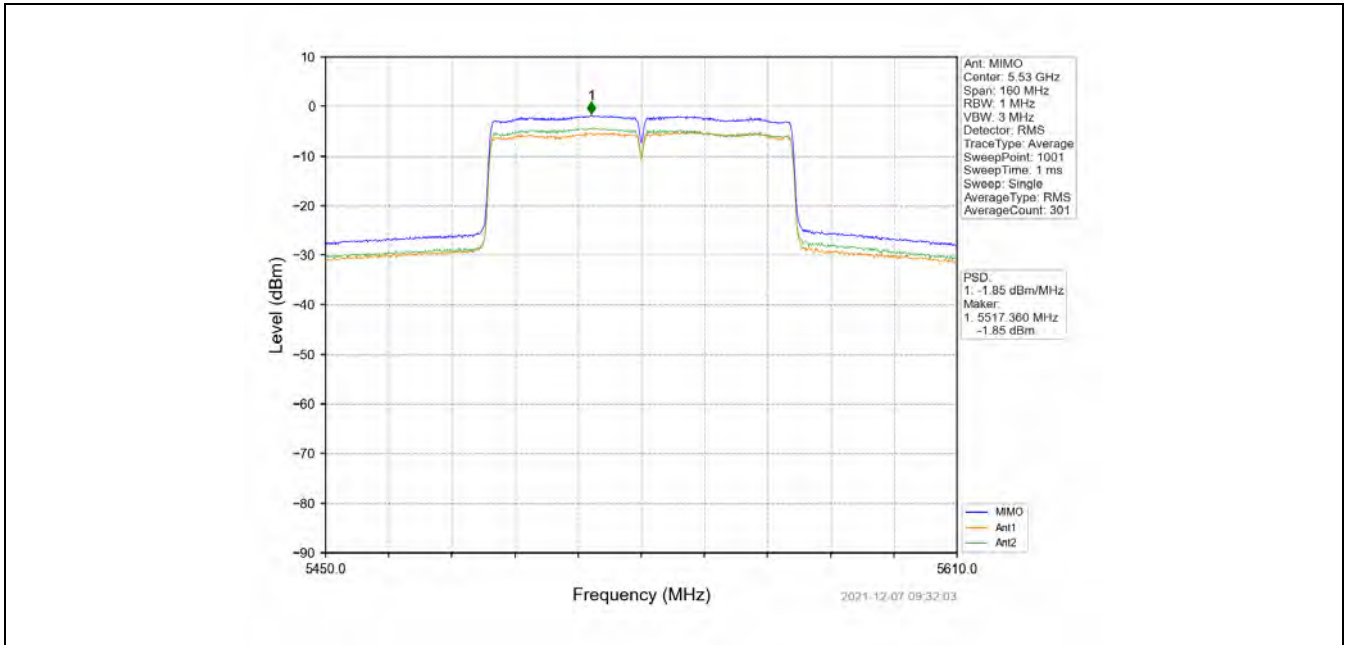


802.11ac(VHT80)_LCH_5530MHz_MIMO_NTNV

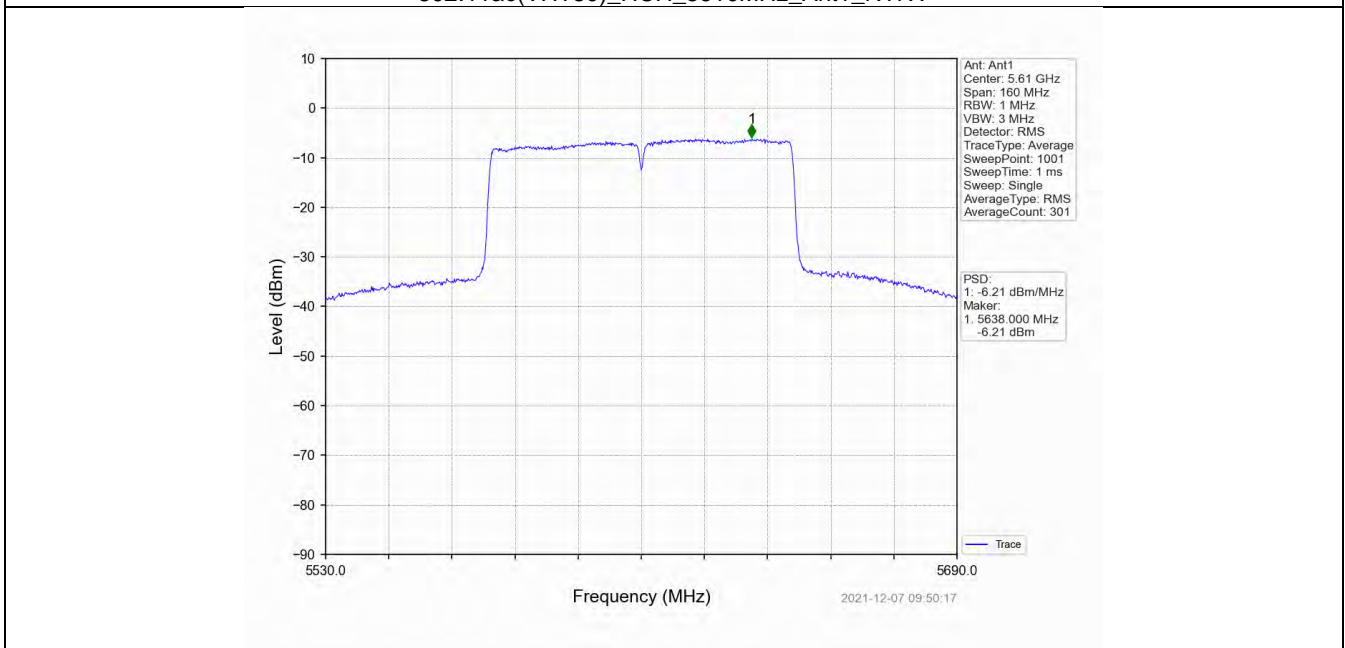


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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

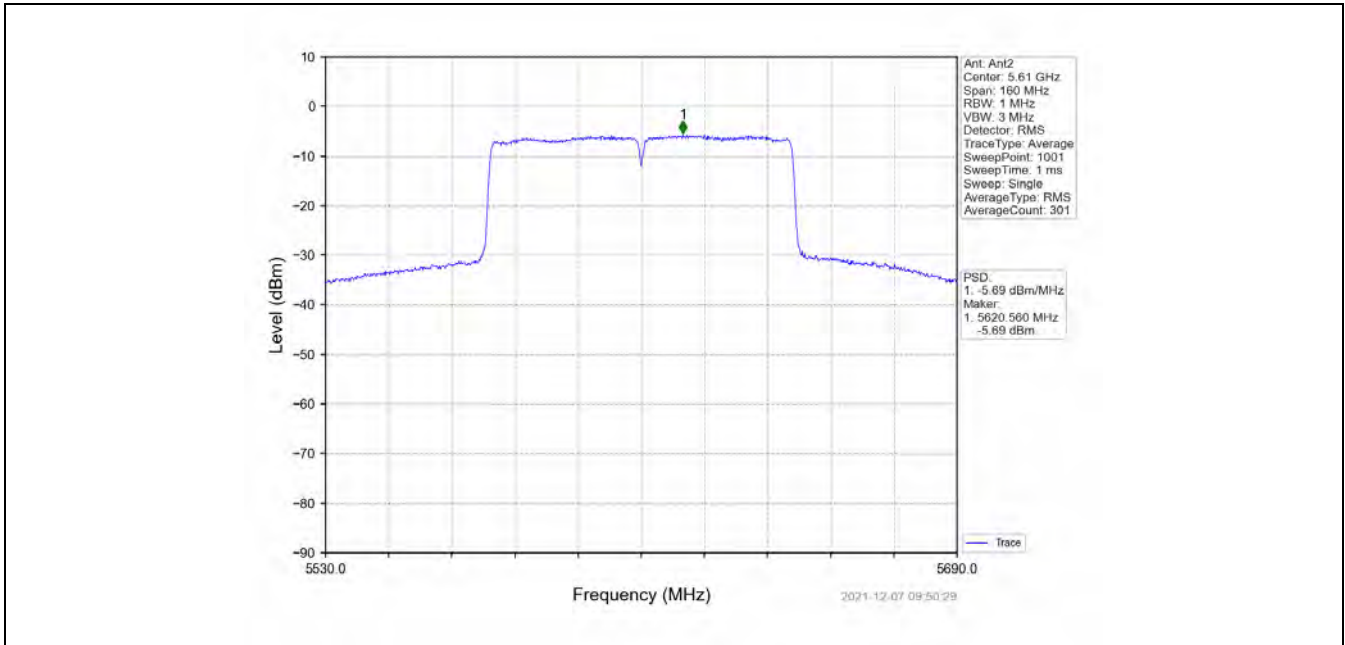


802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV



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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;

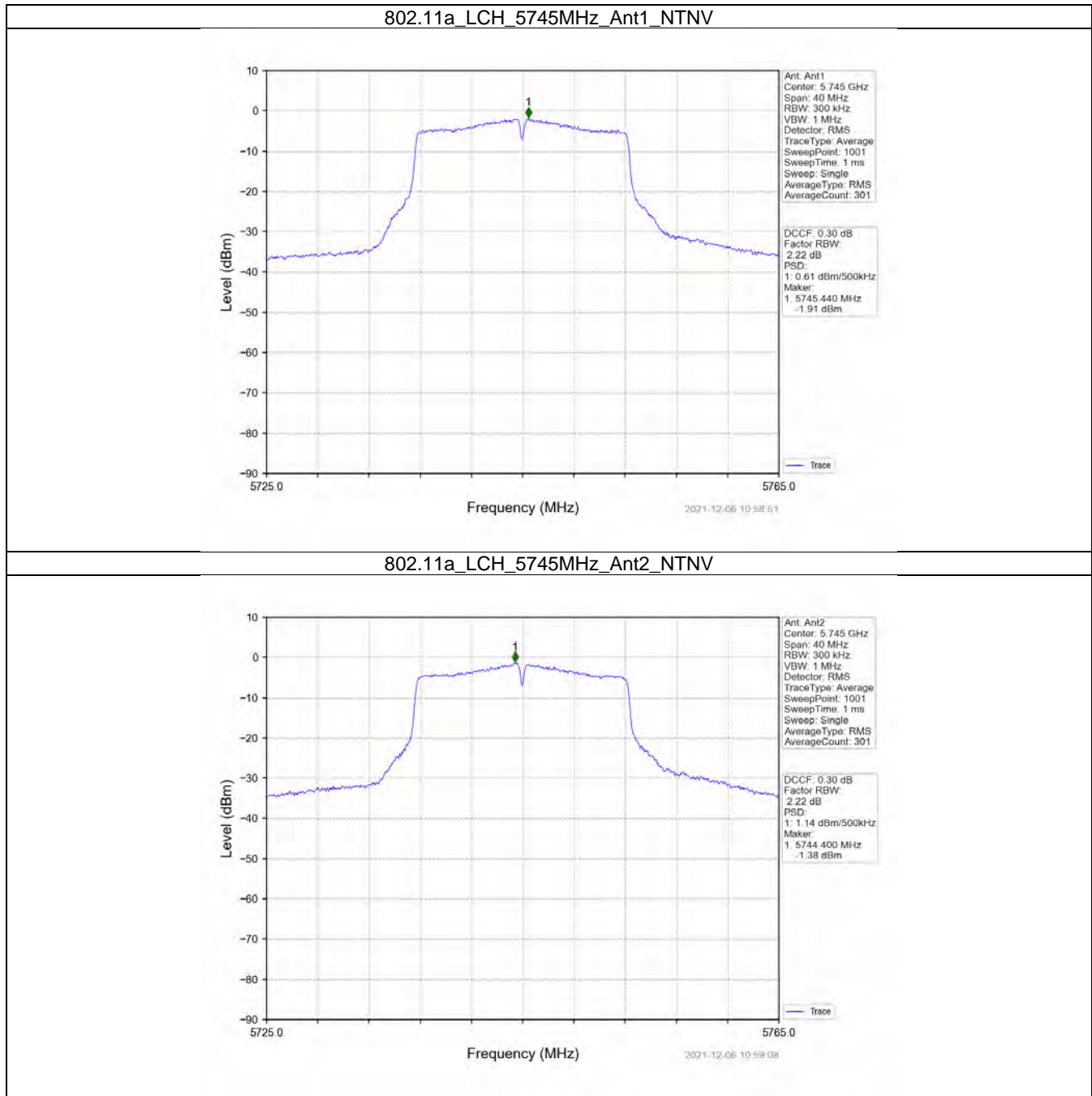
For Ant 2 5150-5700: 10.19dBm/MHz & 5725-5850: 29.19dBm/500kHz, we only present the most stringent requirements in the table.



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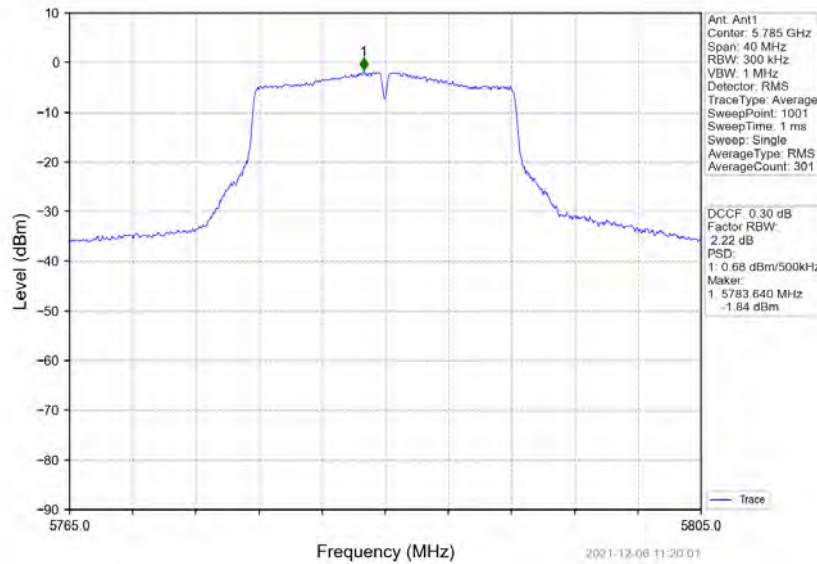
4.2.2 Test Graph



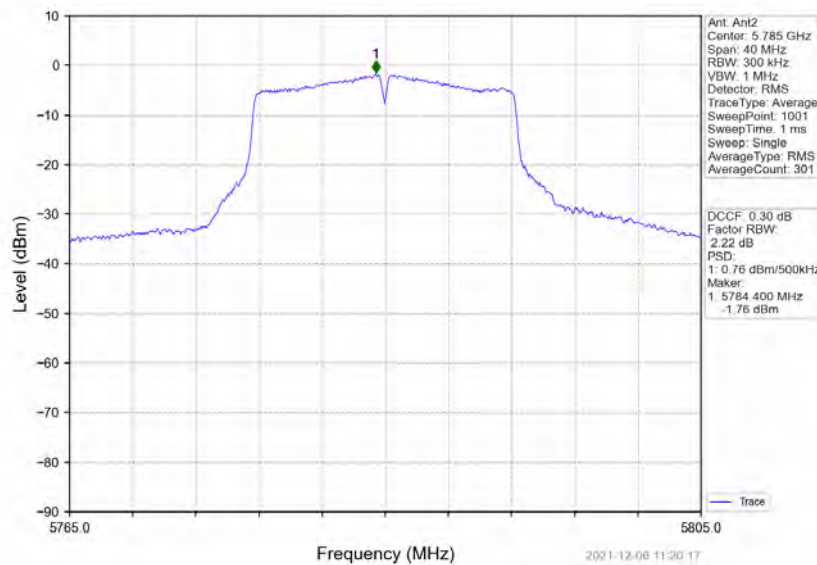
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802.11a_MCH_5785MHz_Ant1_NTNV



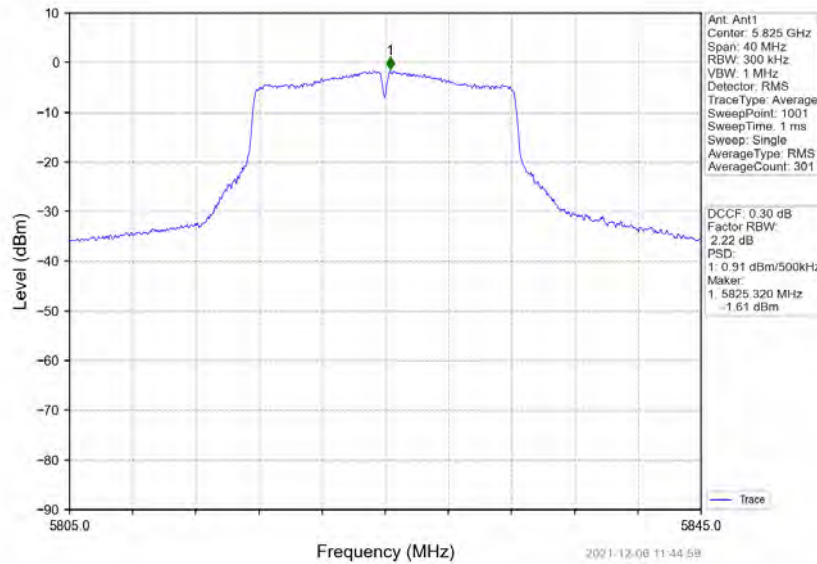
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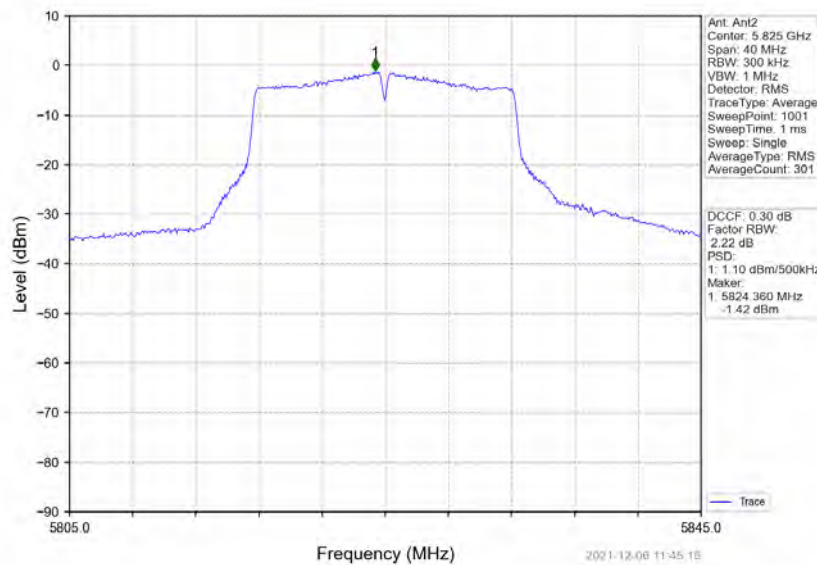
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802.11a_HCH_5825MHz_Ant1_NTNV



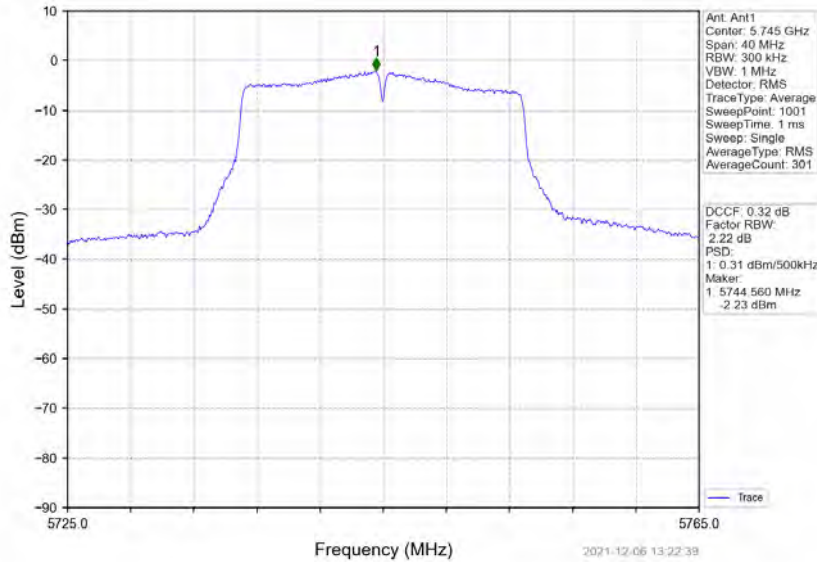
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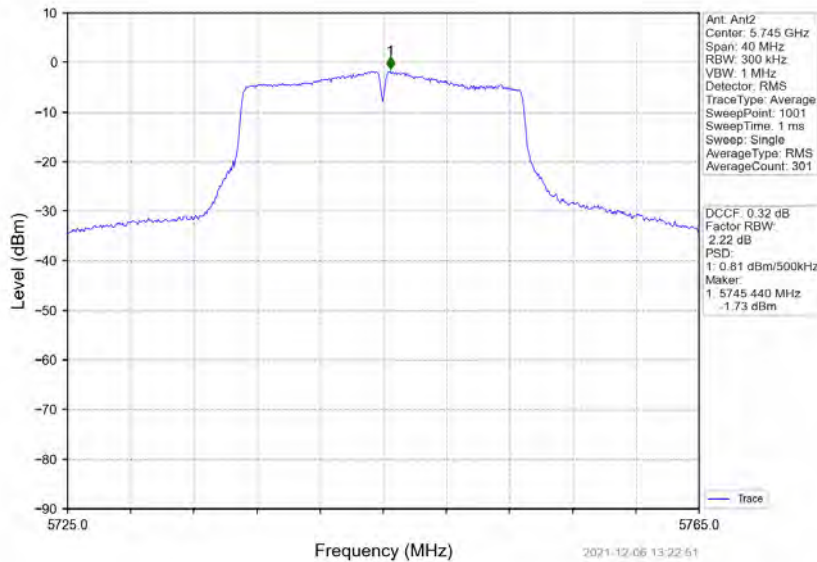
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802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



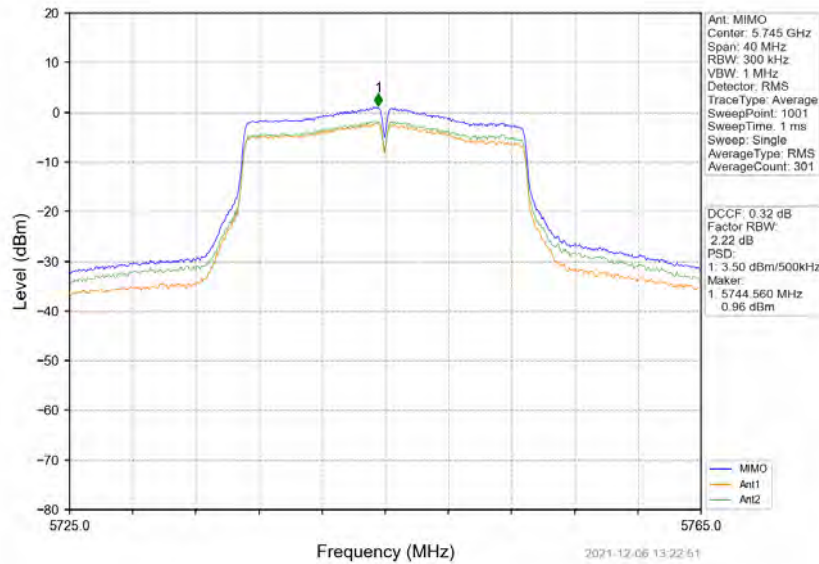
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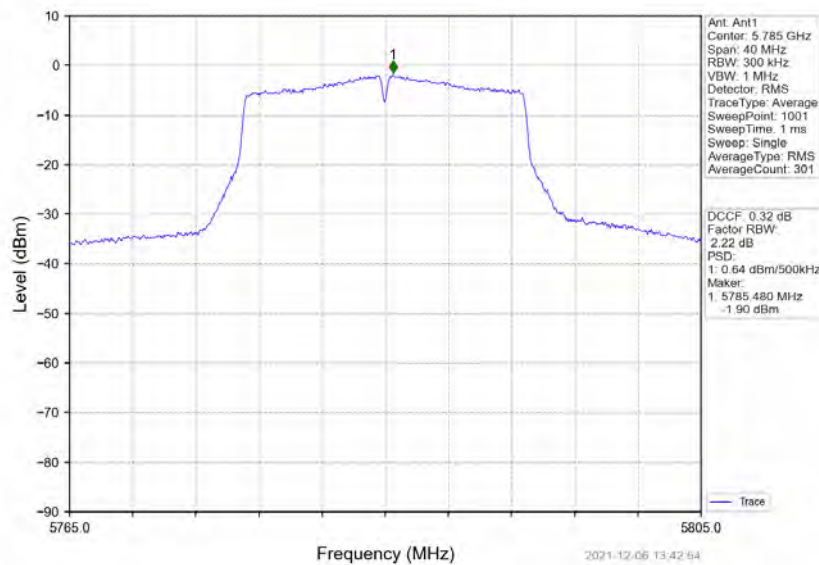
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802.11n(HT20)_LCH_5745MHz_MIMO_NTNV



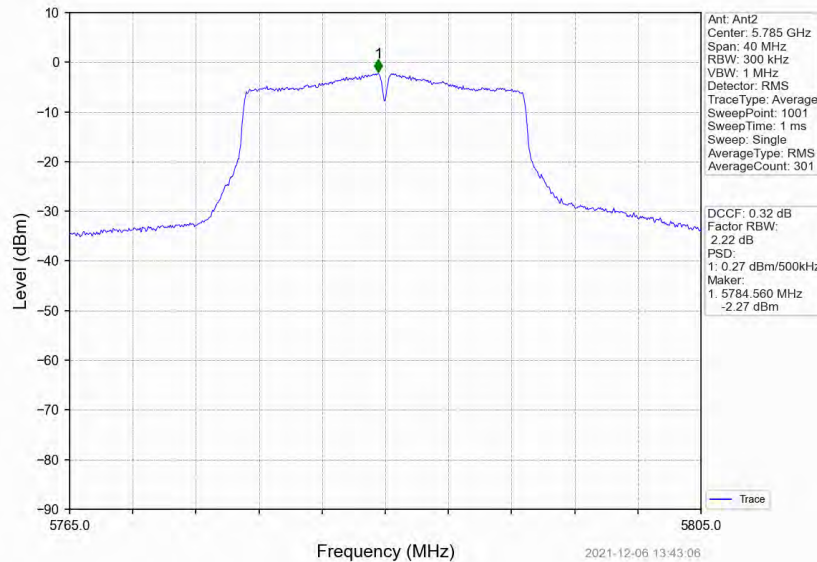
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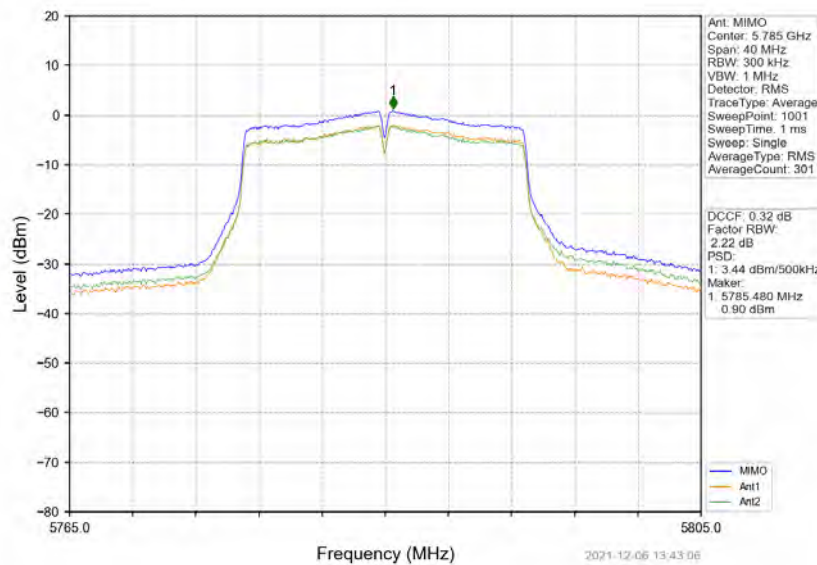
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802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



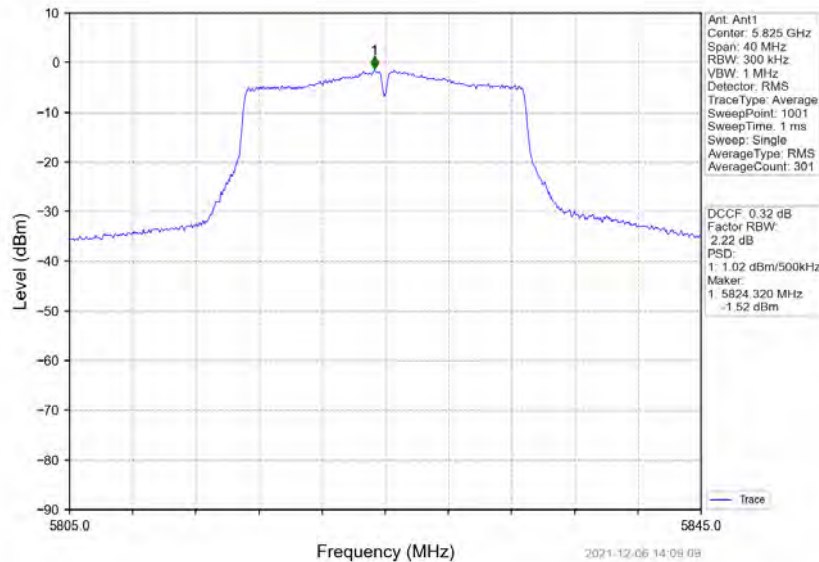
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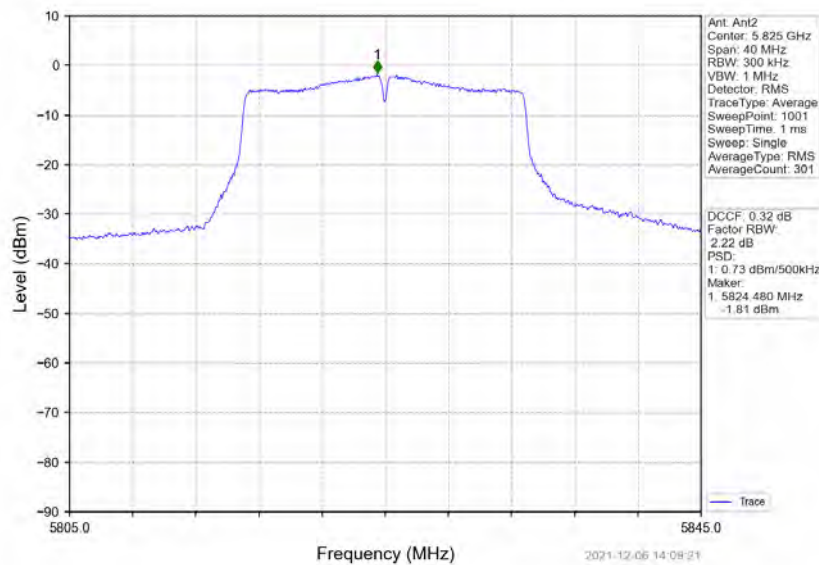
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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



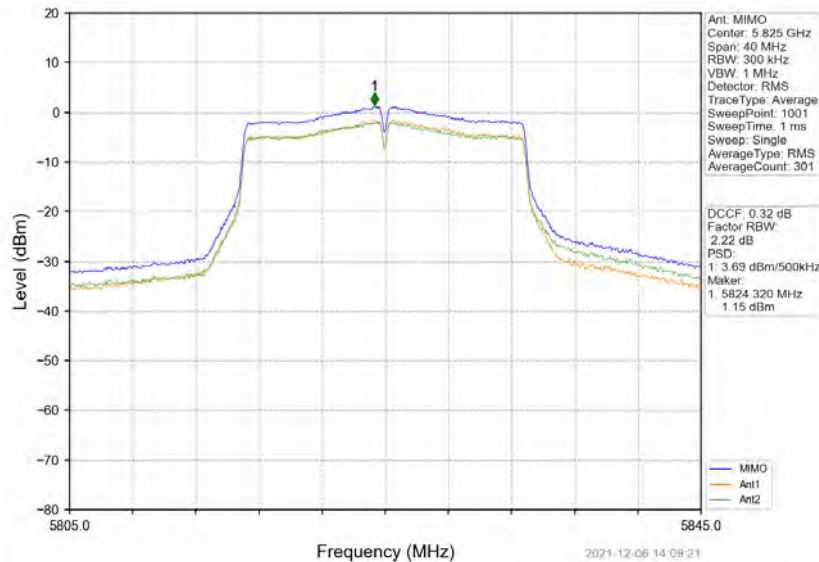
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



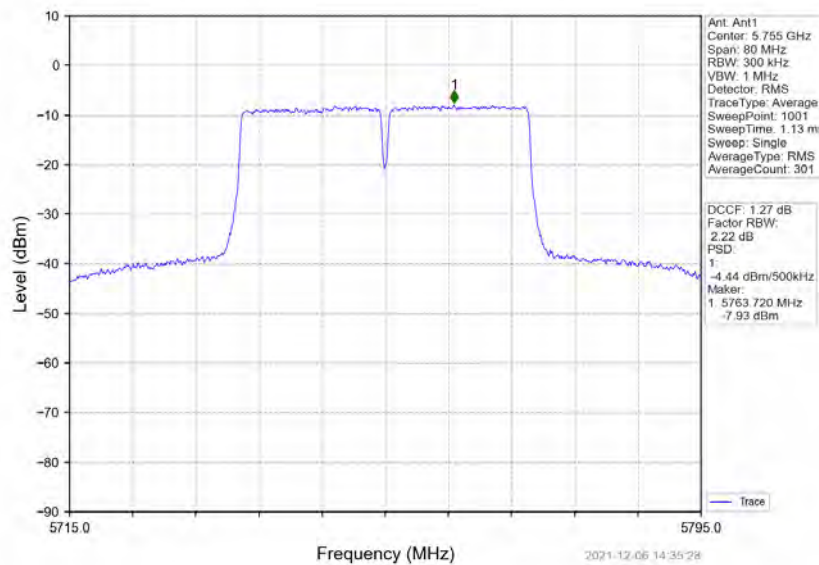
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802.11n(HT20)_HCH_5825MHz_MIMO_NTNV



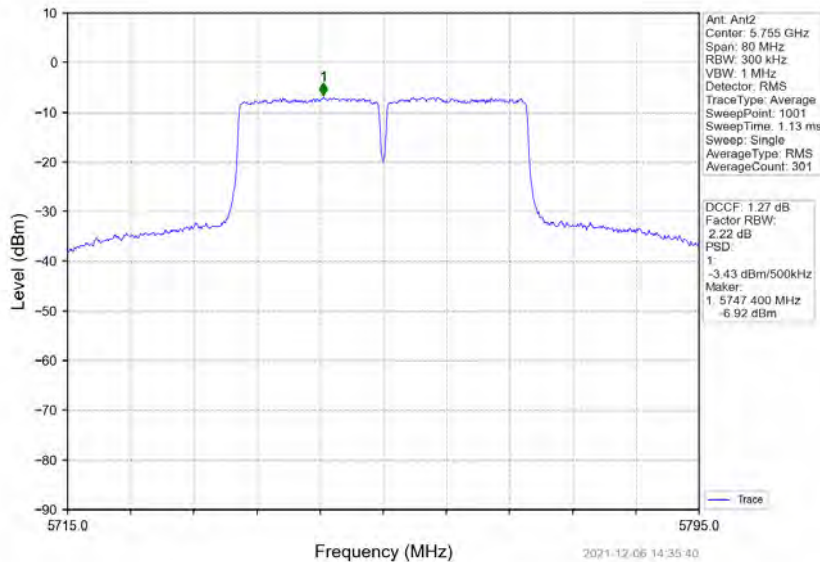
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



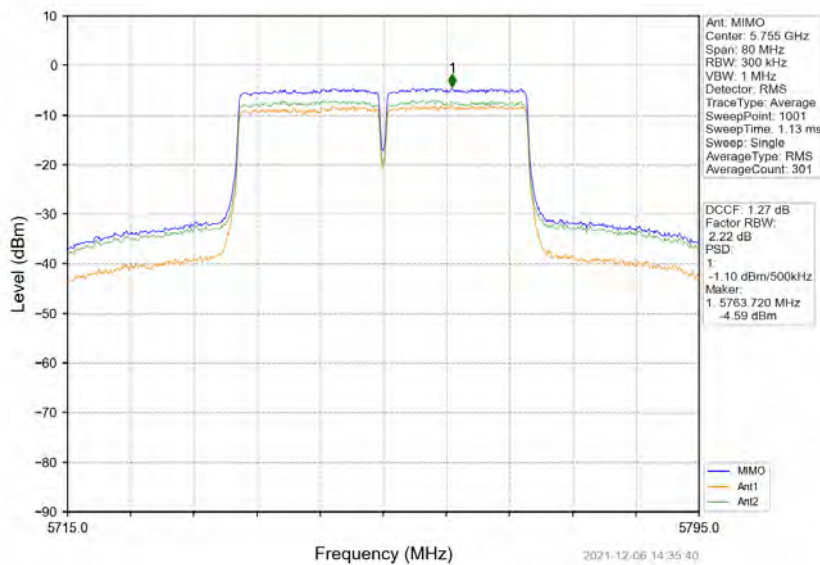
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802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



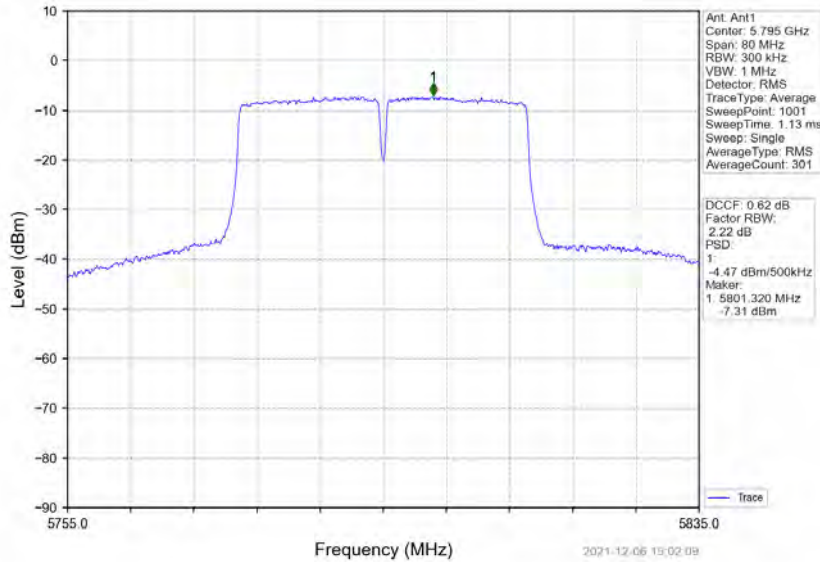
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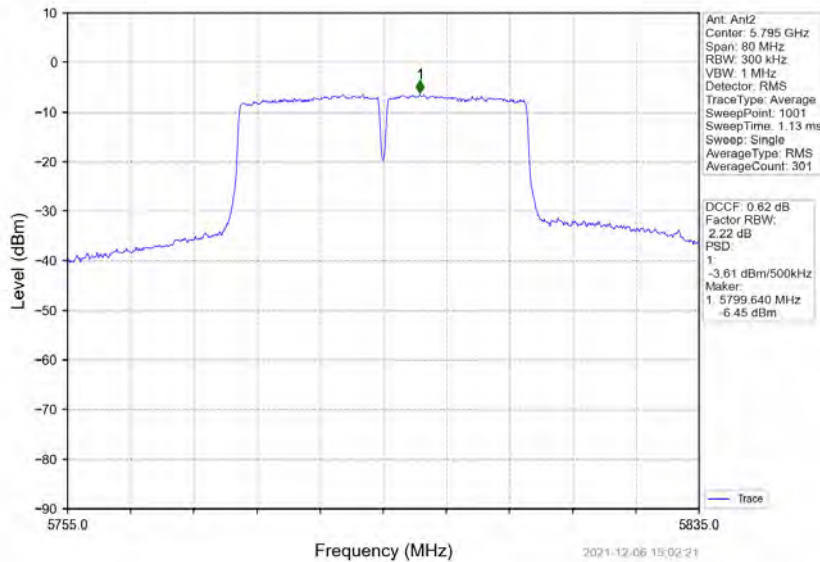
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



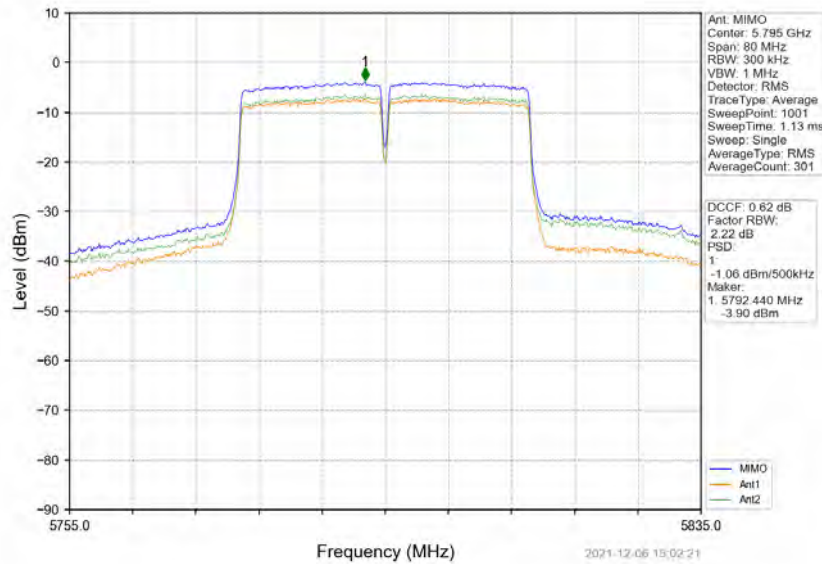
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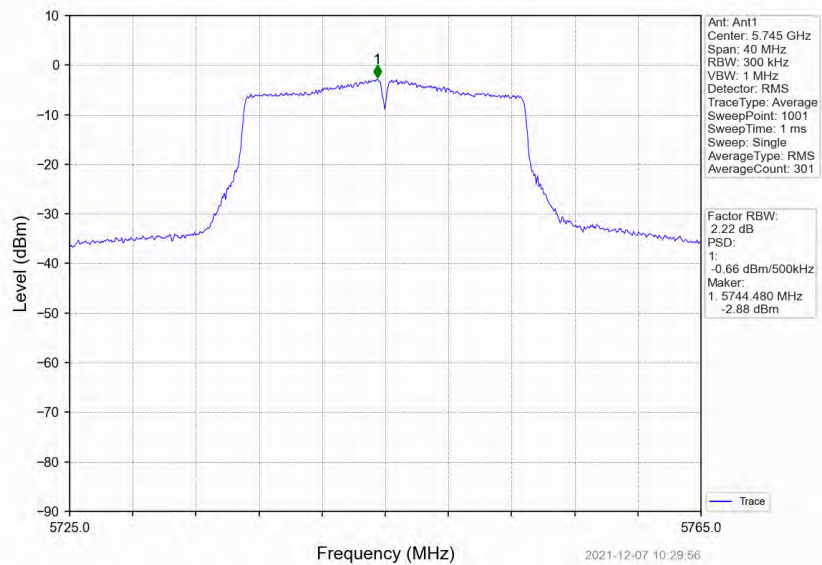
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802.11n(HT40)_HCH_5795MHz_MIMO_NTNV



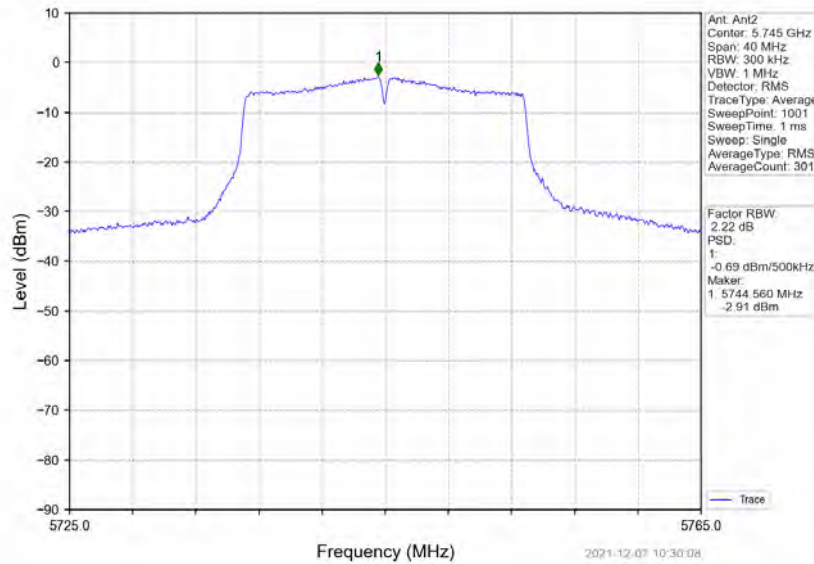
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



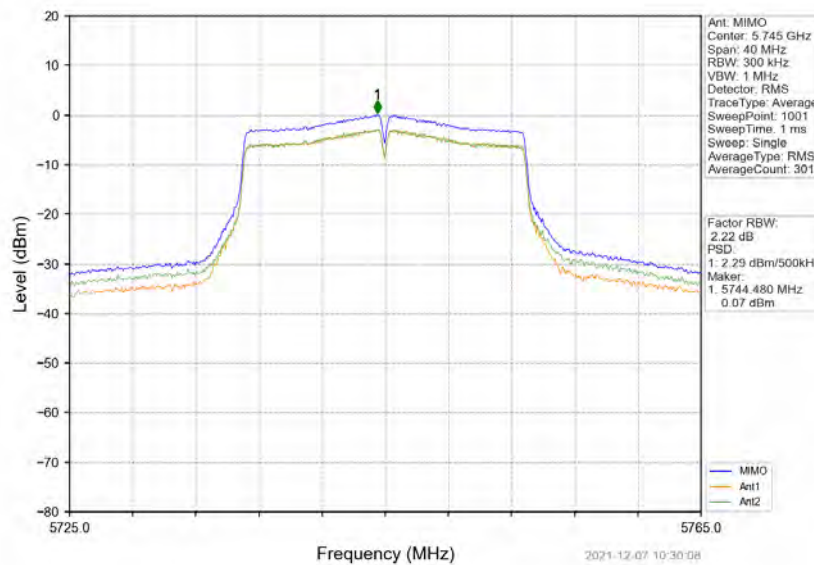
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802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



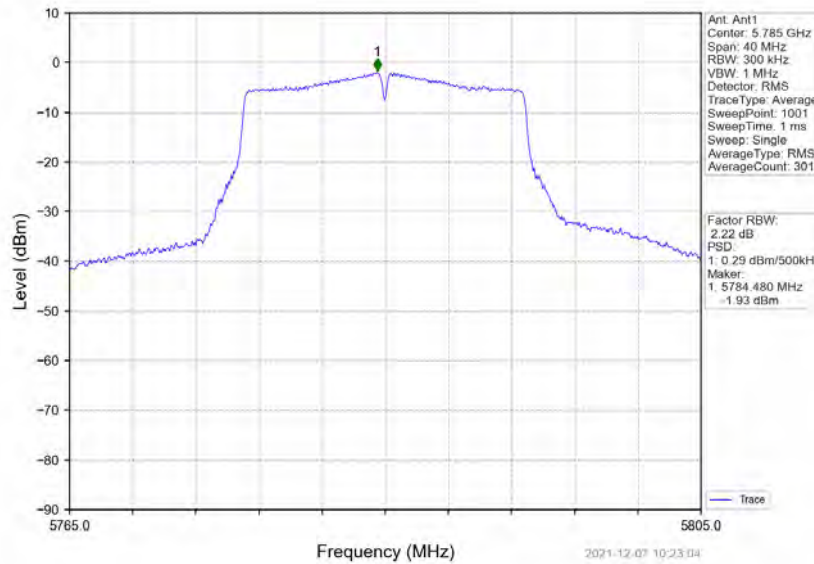
802.11ac(VHT20)_LCH_5745MHz_MIMO_NTNV



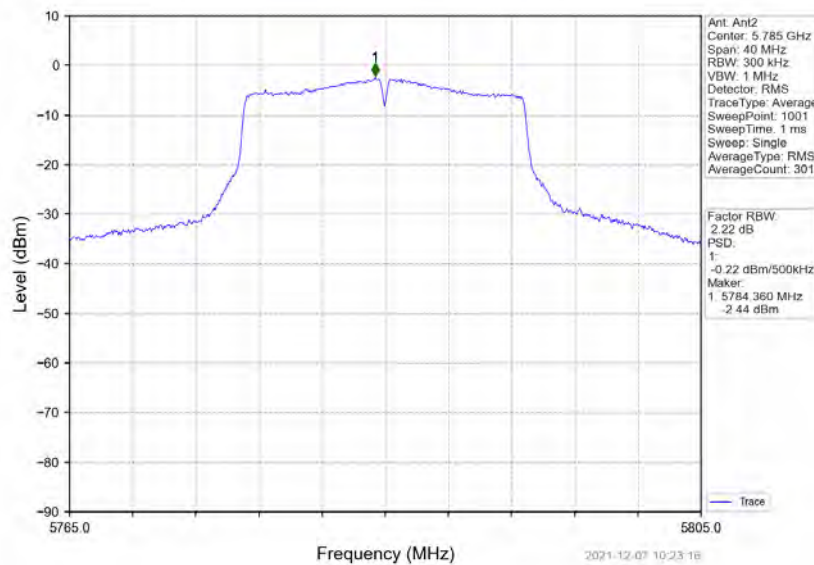
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802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



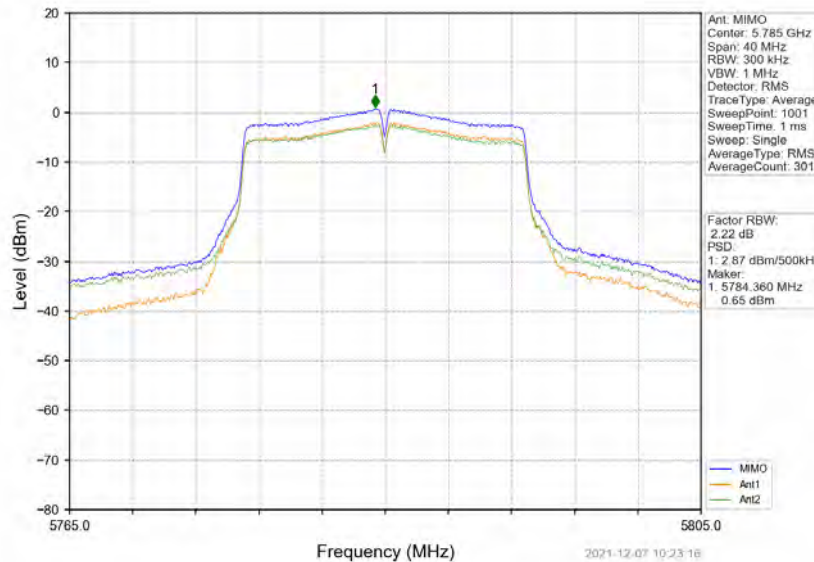
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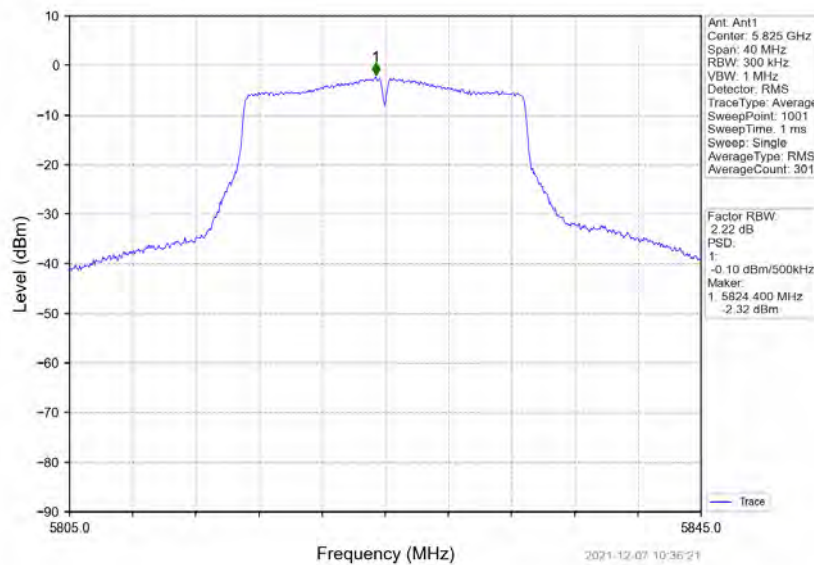
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802.11ac(VHT20)_MCH_5785MHz_MIMO_NTNV



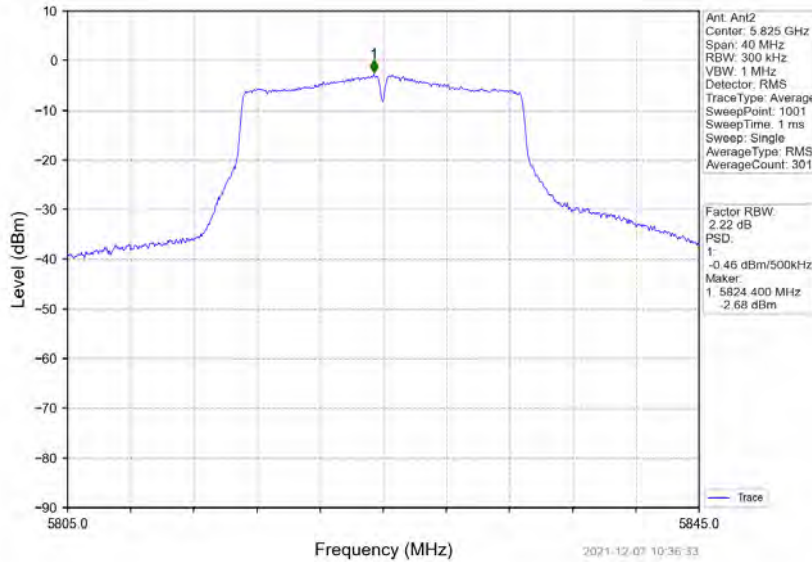
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



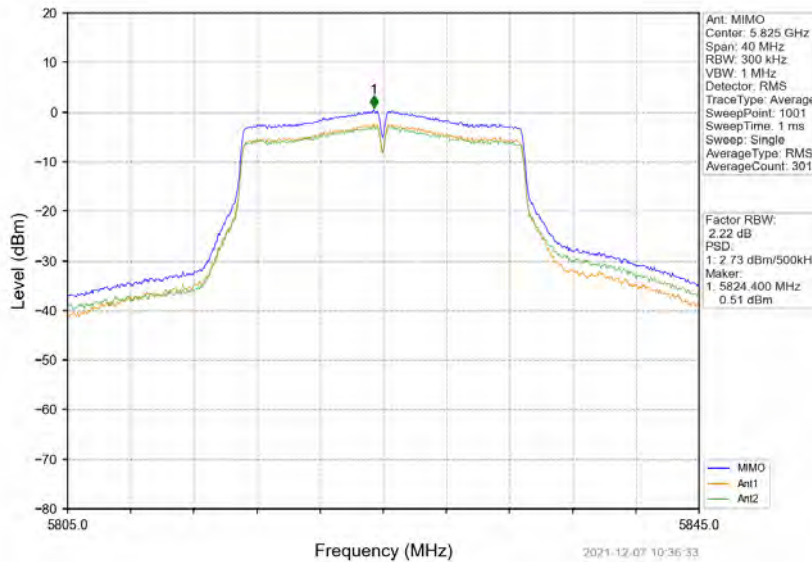
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802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



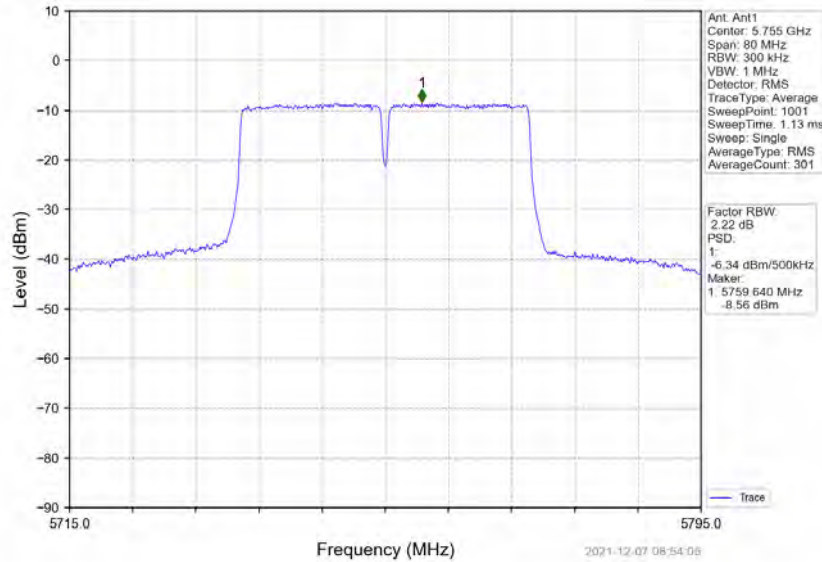
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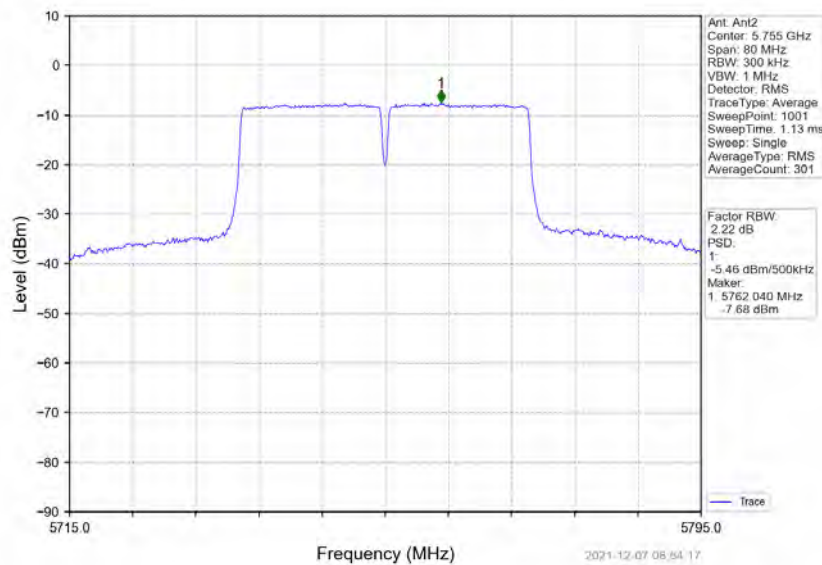
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802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



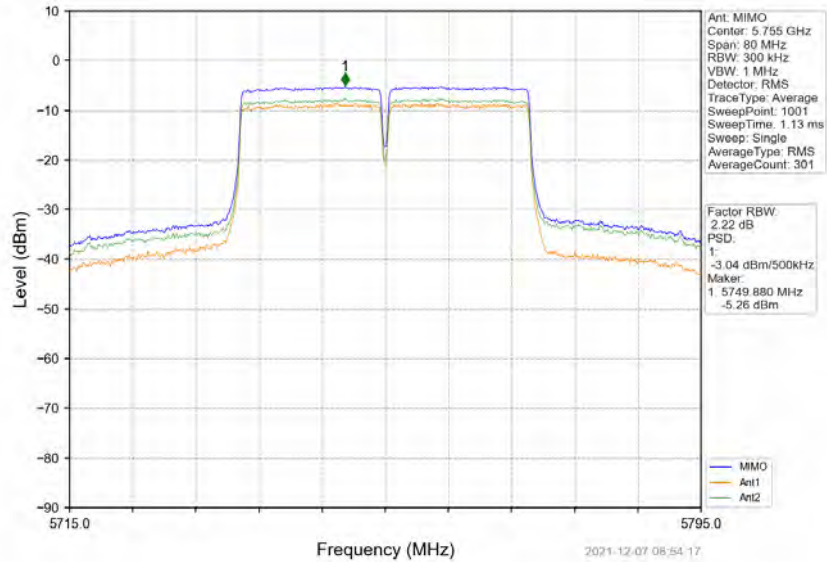
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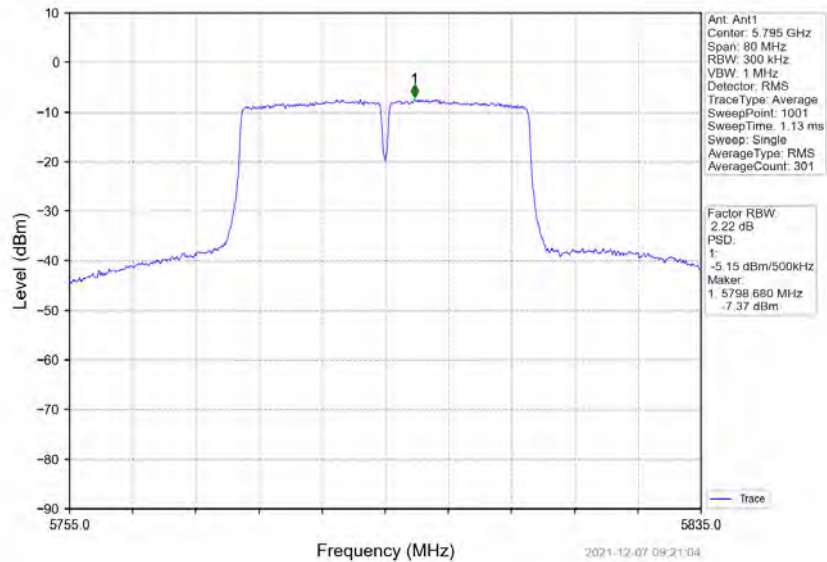
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802.11ac(VHT40)_LCH_5755MHz_MIMO_NTNV



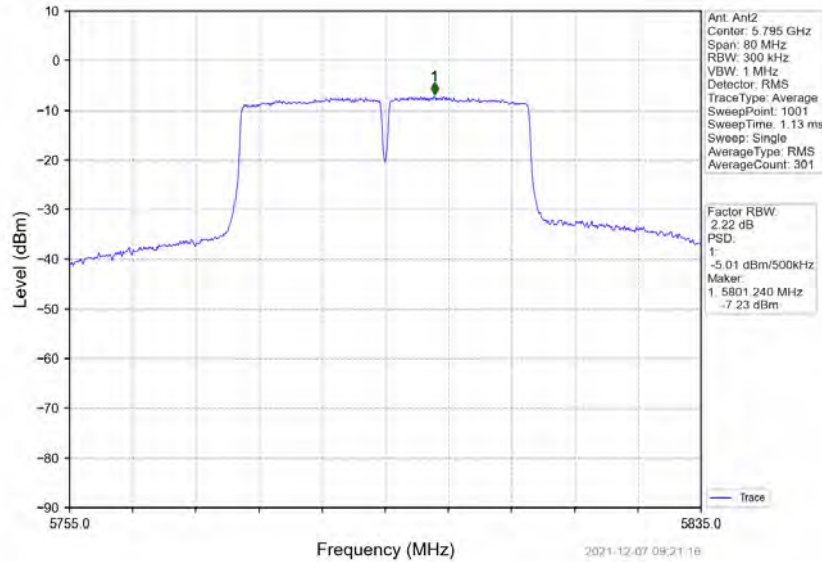
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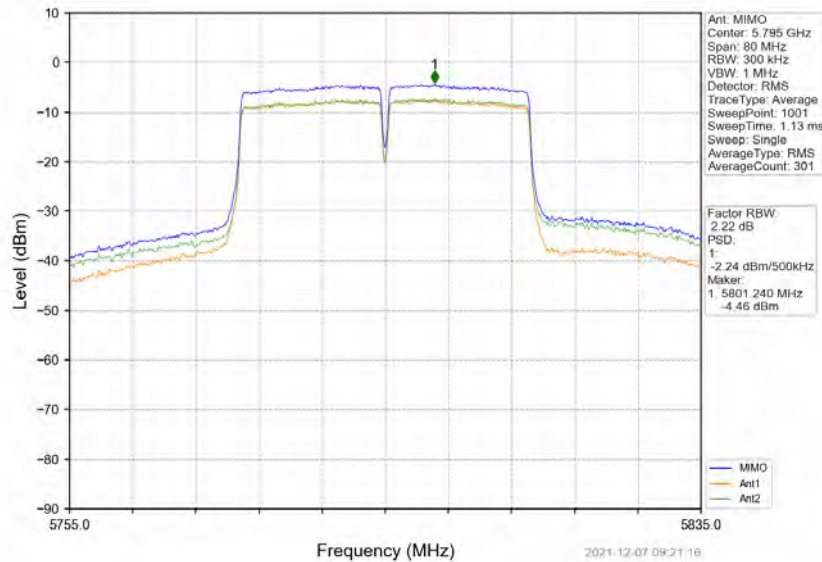
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802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



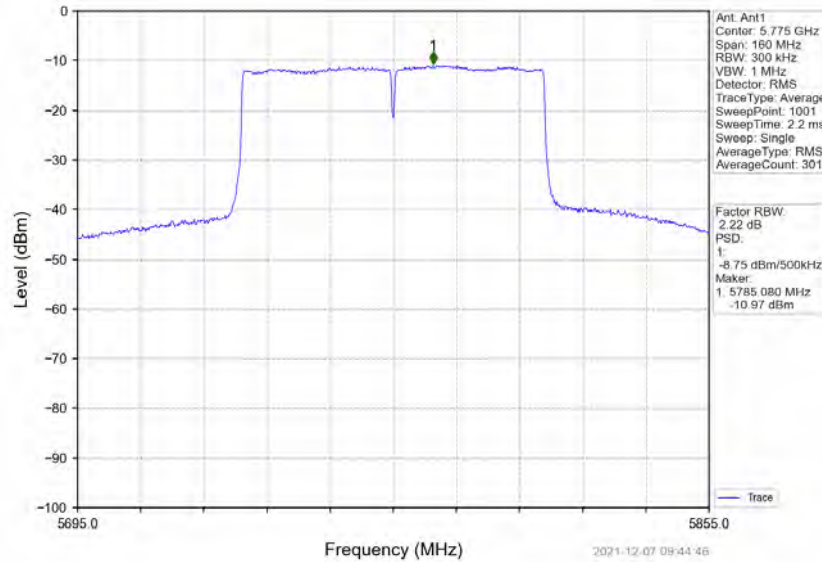
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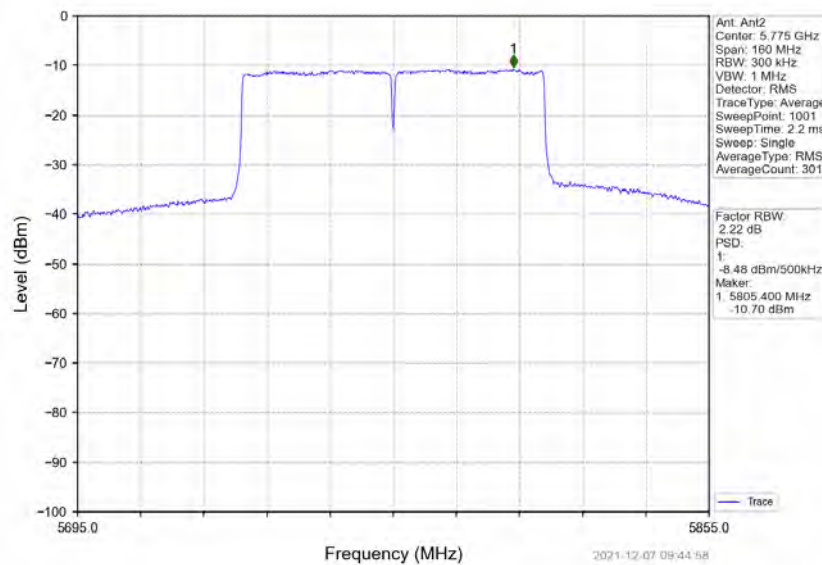
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

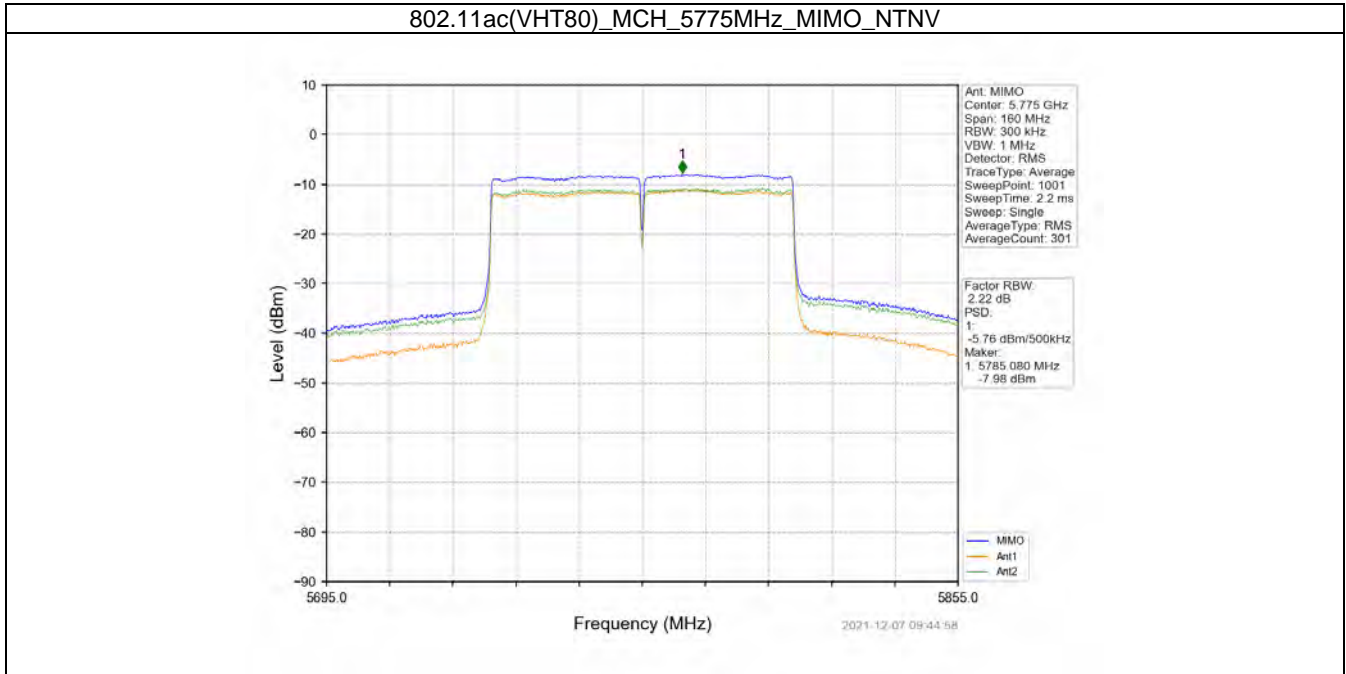


802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



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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
					120	5180.000	5150 to 5250	Pass
			0	120	5179.940	5150 to 5250	Pass	
				10	5179.900	5150 to 5250	Pass	
				30	5179.920	5150 to 5250	Pass	
		5200	20	120	5179.960	5150 to 5250	Pass	
				120	5179.920	5150 to 5250	Pass	
				120	5179.920	5150 to 5250	Pass	
			-30	102	5199.940	5150 to 5250	Pass	
				120	5200.020	5150 to 5250	Pass	
				138	5199.940	5150 to 5250	Pass	
			-20	120	5199.900	5150 to 5250	Pass	
				120	5199.960	5150 to 5250	Pass	
				120	5199.960	5150 to 5250	Pass	
0	120	5199.940	5150 to 5250	Pass				
	120	5199.940	5150 to 5250	Pass				
	10	5199.900	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
			-20	120	5239.940	5150 to 5250	Pass
			-10	120	5239.940	5150 to 5250	Pass
			0	120	5240.020	5150 to 5250	Pass
			10	120	5239.980	5150 to 5250	Pass
			30	120	5239.960	5150 to 5250	Pass
			40	120	5239.940	5150 to 5250	Pass
			50	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
			-20	120	5259.900	5250 to 5350	Pass
			-10	120	5259.940	5250 to 5350	Pass
			0	120	5259.880	5250 to 5350	Pass
			10	120	5259.960	5250 to 5350	Pass
			30	120	5259.960	5250 to 5350	Pass
			40	120	5259.980	5250 to 5350	Pass
			50	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
			-20	120	5299.960	5250 to 5350	Pass
			-10	120	5299.920	5250 to 5350	Pass
			0	120	5299.900	5250 to 5350	Pass
			10	120	5299.960	5250 to 5350	Pass
			30	120	5300.000	5250 to 5350	Pass
			40	120	5300.040	5250 to 5350	Pass
			50	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
			-20	120	5319.960	5250 to 5350	Pass
			-10	120	5319.940	5250 to 5350	Pass
			0	120	5319.980	5250 to 5350	Pass
			10	120	5319.980	5250 to 5350	Pass
			30	120	5319.920	5250 to 5350	Pass
			40	120	5319.960	5250 to 5350	Pass
			50	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
			-20	120	5499.980	5470 to 5725	Pass
			-10	120	5499.960	5470 to 5725	Pass
			0	120	5500.020	5470 to 5725	Pass
		10	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
		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
			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
		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
				-20	120	5319.900	5250 to 5350	Pass
				-10	120	5320.000	5250 to 5350	Pass
				0	120	5319.960	5250 to 5350	Pass
				10	120	5320.020	5250 to 5350	Pass
				30	120	5320.000	5250 to 5350	Pass
				40	120	5319.940	5250 to 5350	Pass
			50	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
				-20	120	5499.940	5470 to 5725	Pass
				-10	120	5499.980	5470 to 5725	Pass
				0	120	5499.960	5470 to 5725	Pass
				10	120	5499.960	5470 to 5725	Pass
				30	120	5499.960	5470 to 5725	Pass
				40	120	5500.020	5470 to 5725	Pass
			50	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
				-20	120	5579.920	5470 to 5725	Pass
				-10	120	5579.880	5470 to 5725	Pass
				0	120	5580.100	5470 to 5725	Pass
				10	120	5579.920	5470 to 5725	Pass
				30	120	5579.960	5470 to 5725	Pass
				40	120	5579.900	5470 to 5725	Pass
			50	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
				-20	120	5699.980	5470 to 5725	Pass
				-10	120	5699.940	5470 to 5725	Pass
				0	120	5700.040	5470 to 5725	Pass
				10	120	5699.920	5470 to 5725	Pass
30	120	5699.940		5470 to 5725	Pass			
40	120	5699.960		5470 to 5725	Pass			
50	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			
	-20	120	5744.940	5725 to 5850	Pass			
	-10	120	5744.920	5725 to 5850	Pass			
	0	120	5744.980	5725 to 5850	Pass			
10	120	5744.940	5725 to 5850	Pass				



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		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
			5190	20	102	5189.920	5150 to 5250
		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		

802.11n
(HT40)

MIMO



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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	Pass
			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	Pass
			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	Pass
			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	Pass
			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
		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	Pass
					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	Pass
					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	Pass
					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	Pass			
		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
		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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