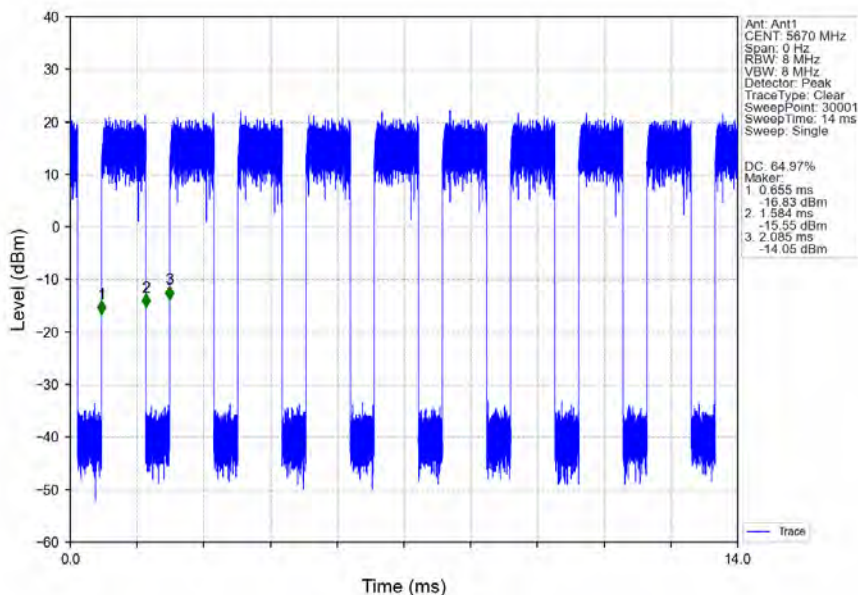
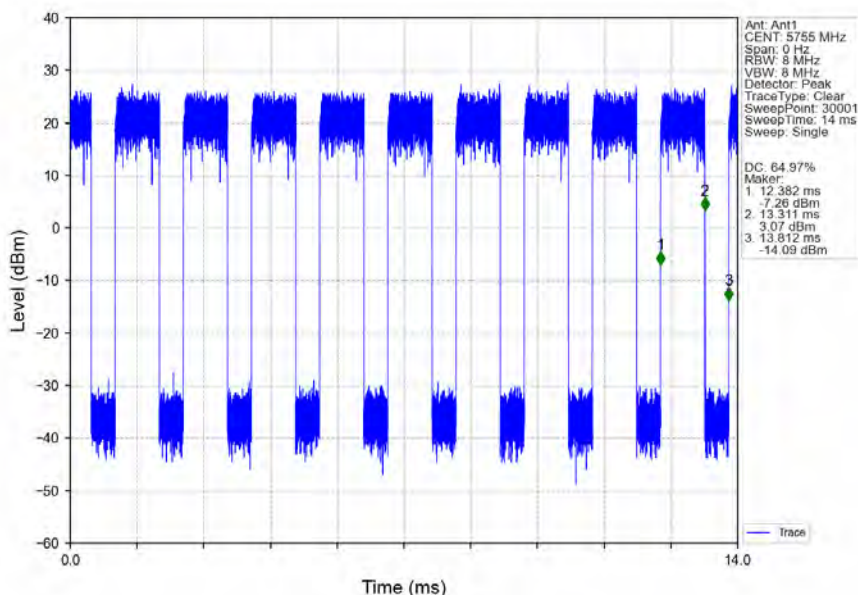


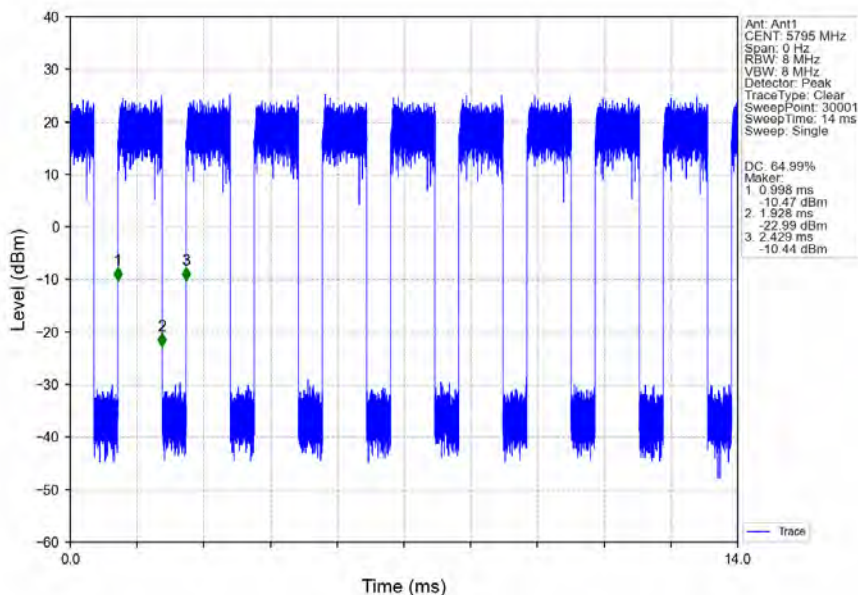
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



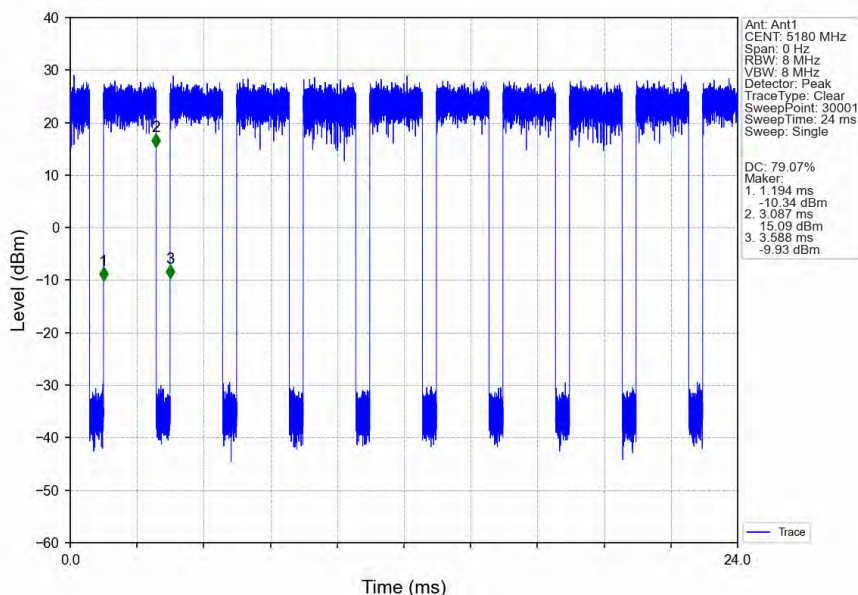
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



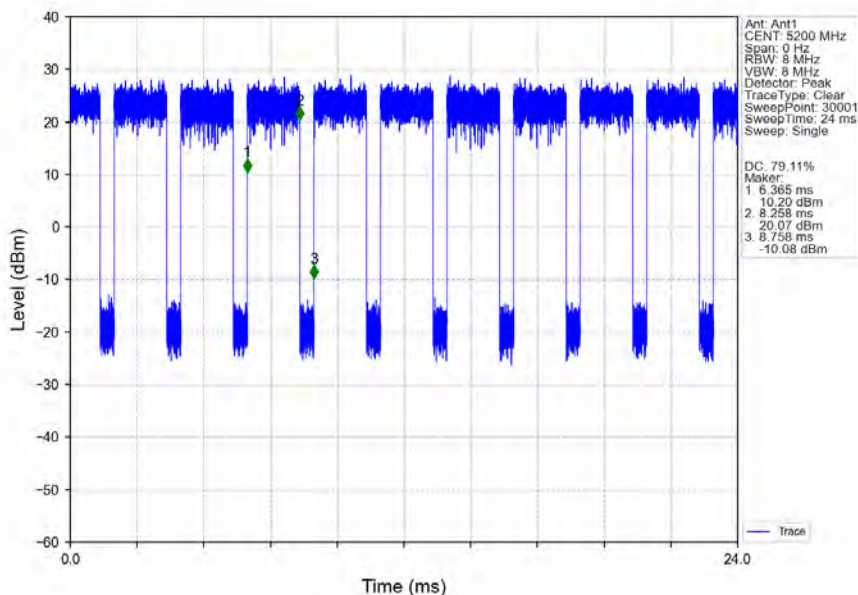
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



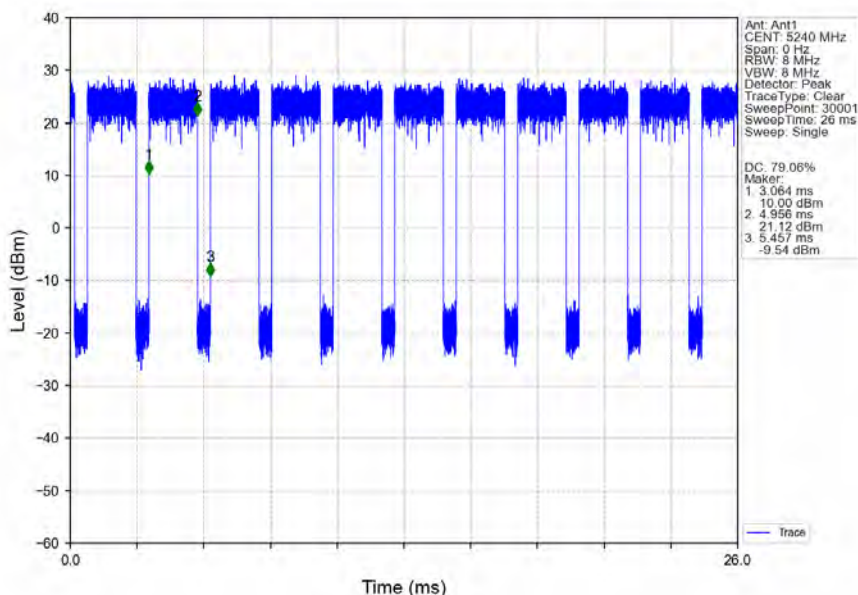
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



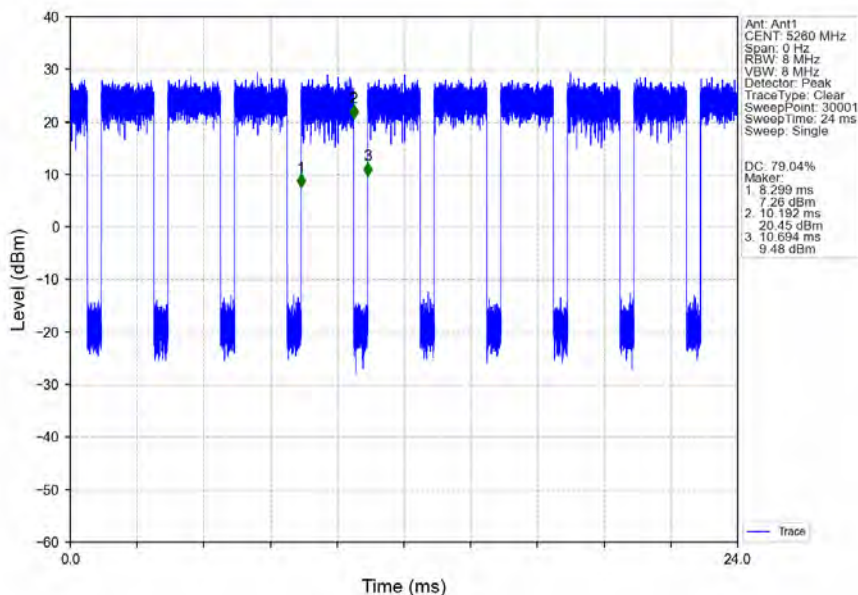
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



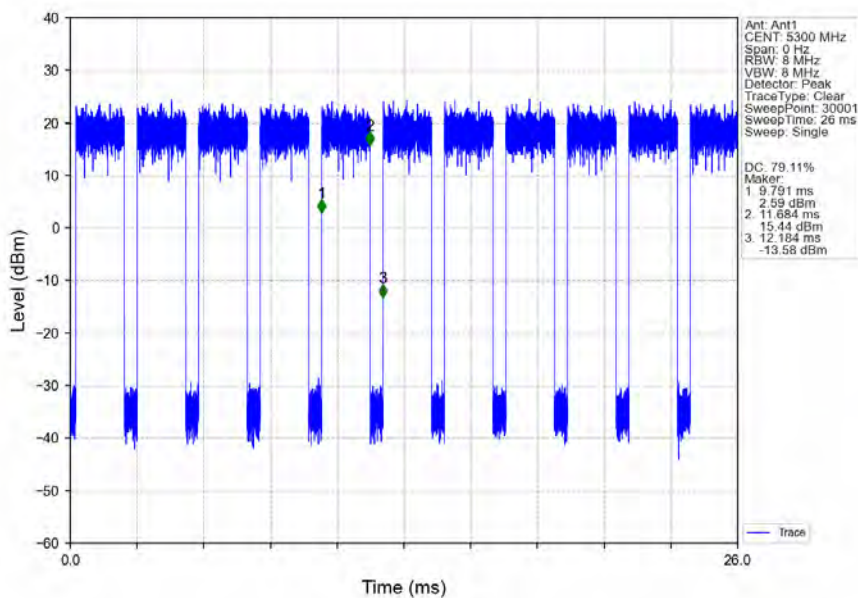
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



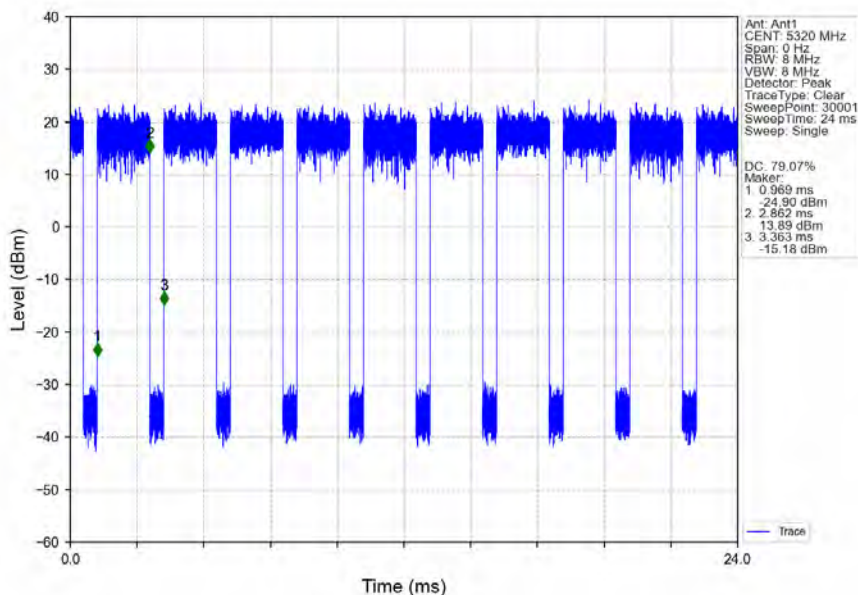
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



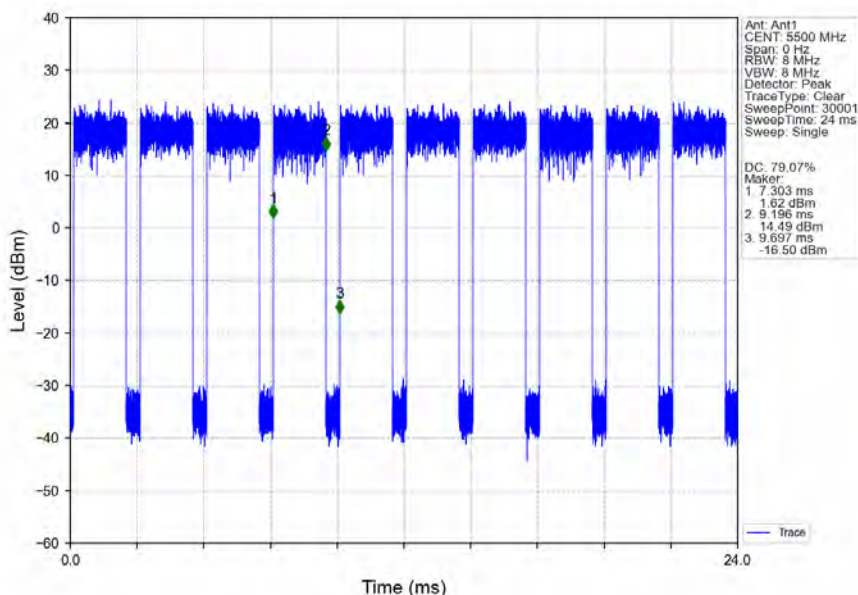
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



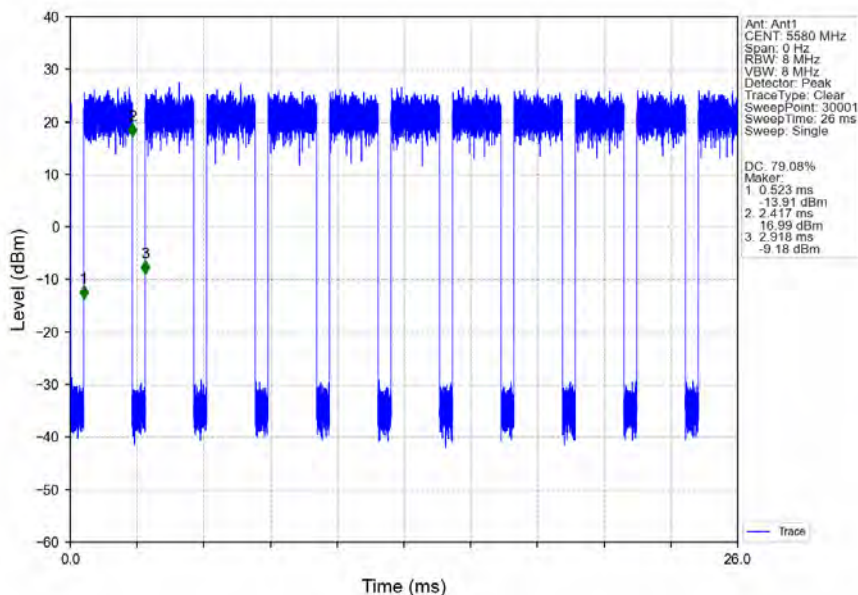
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



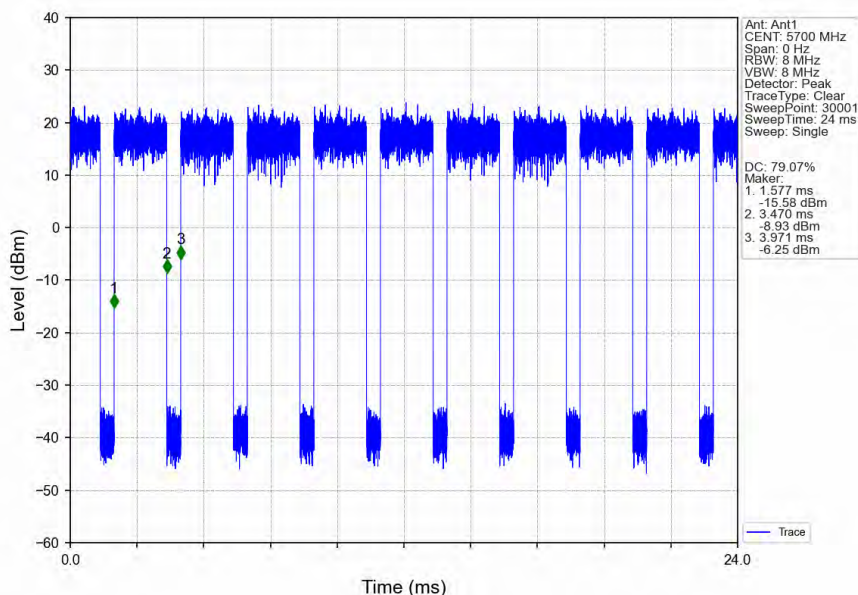
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



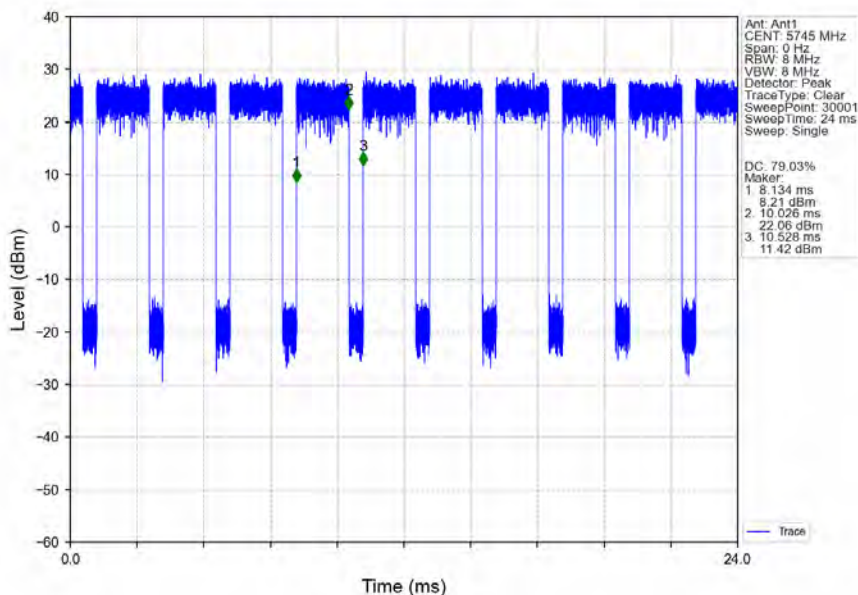
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



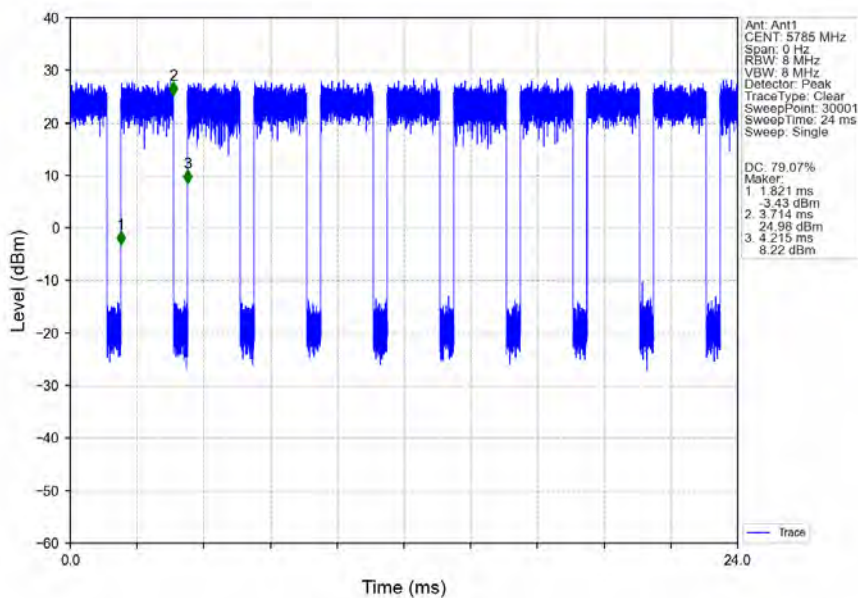
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



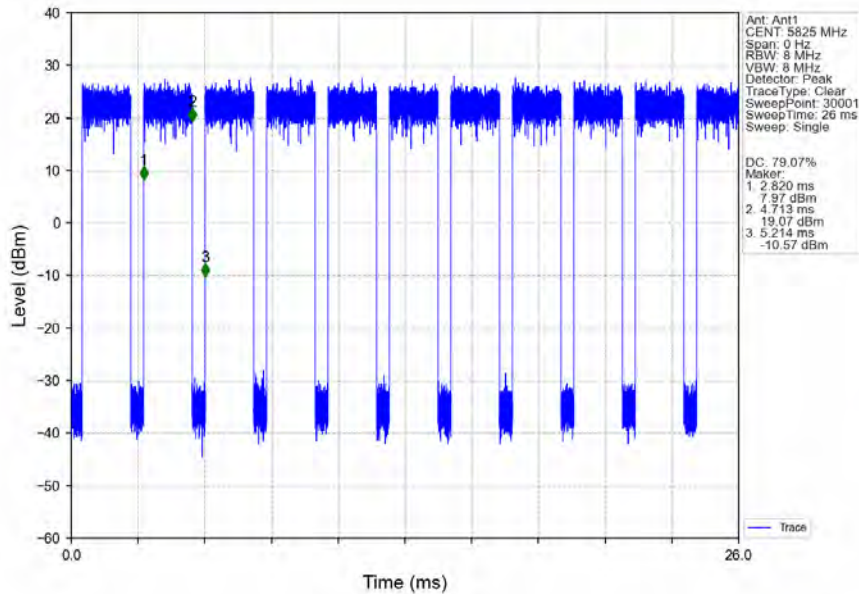
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



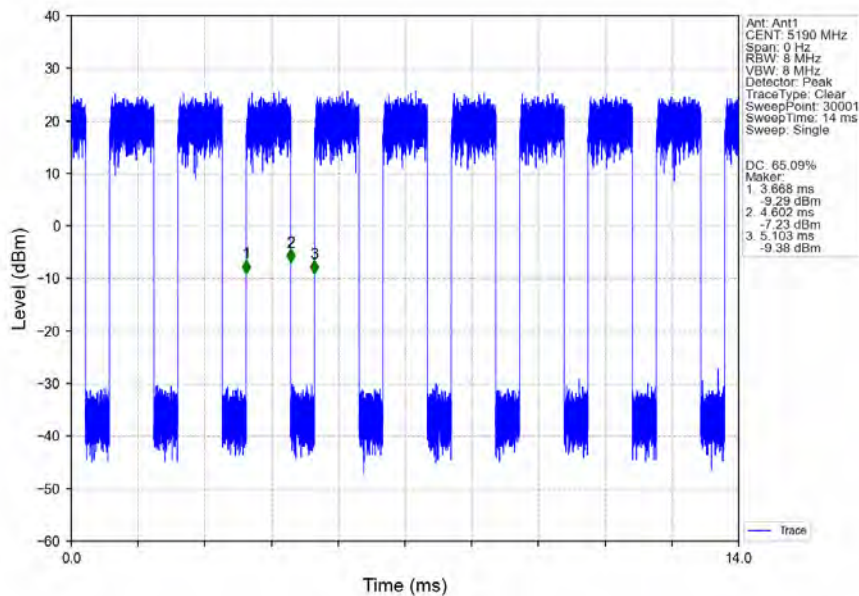
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



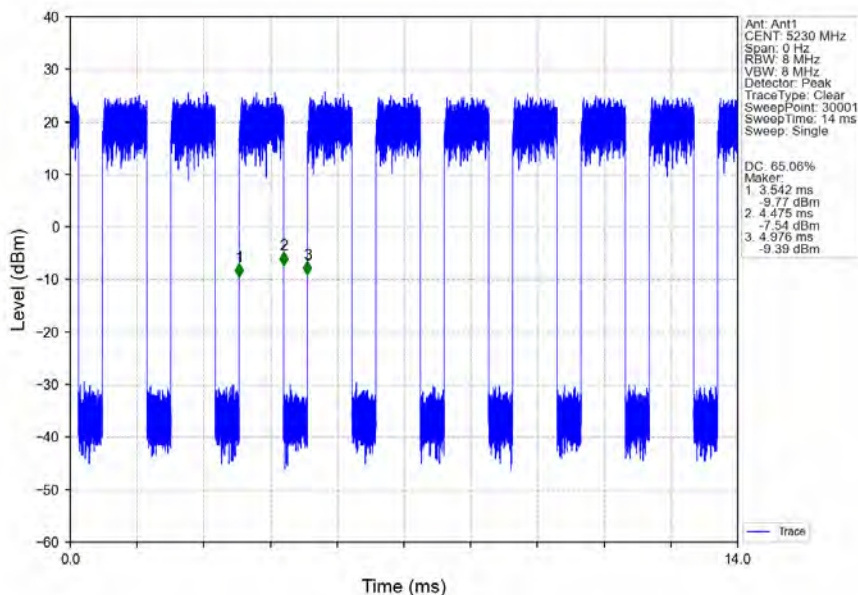
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



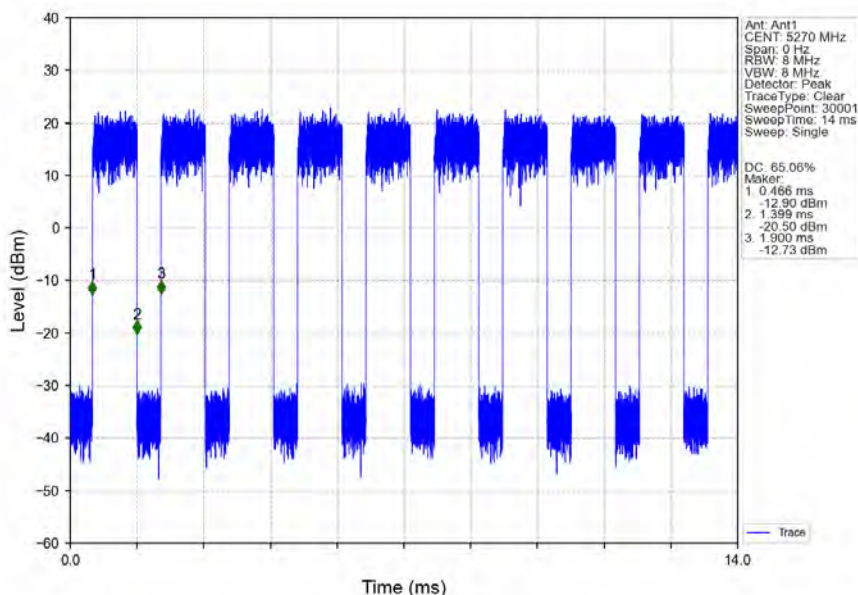
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



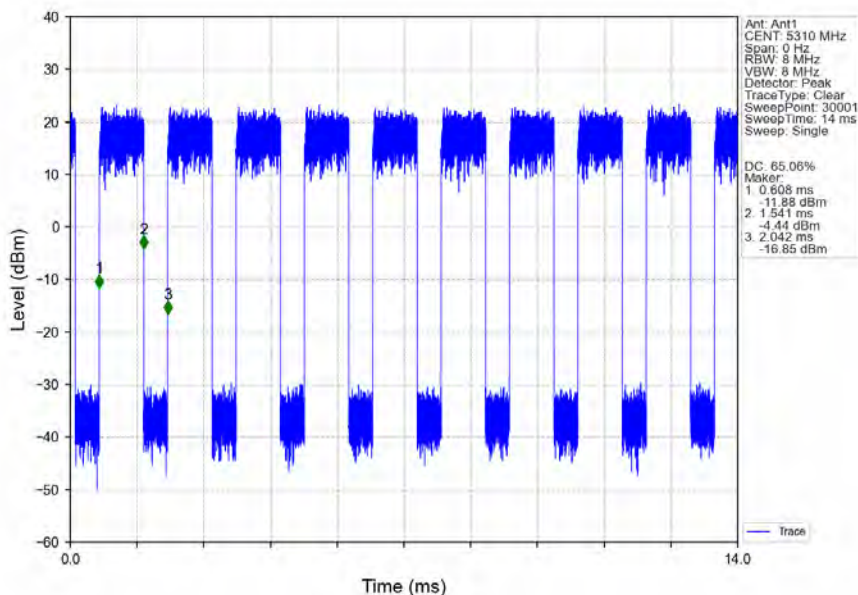
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



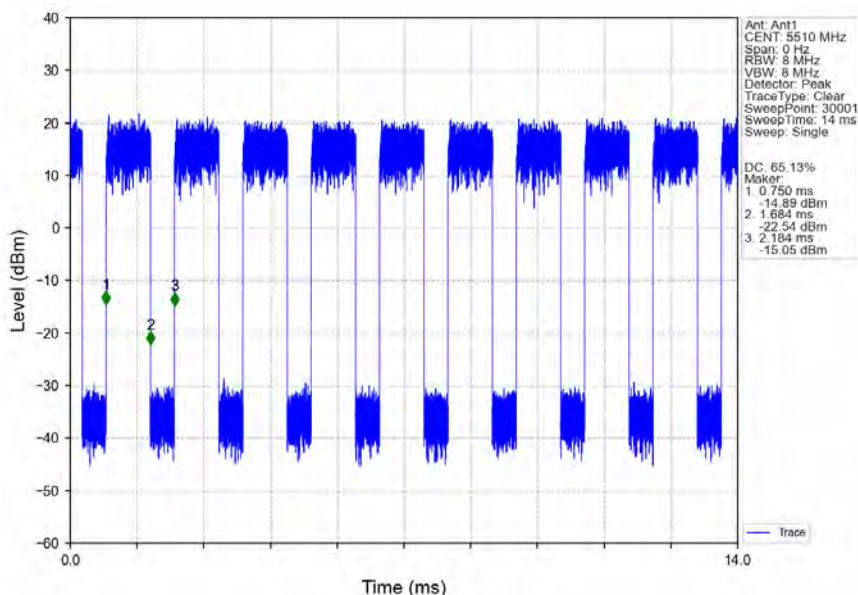
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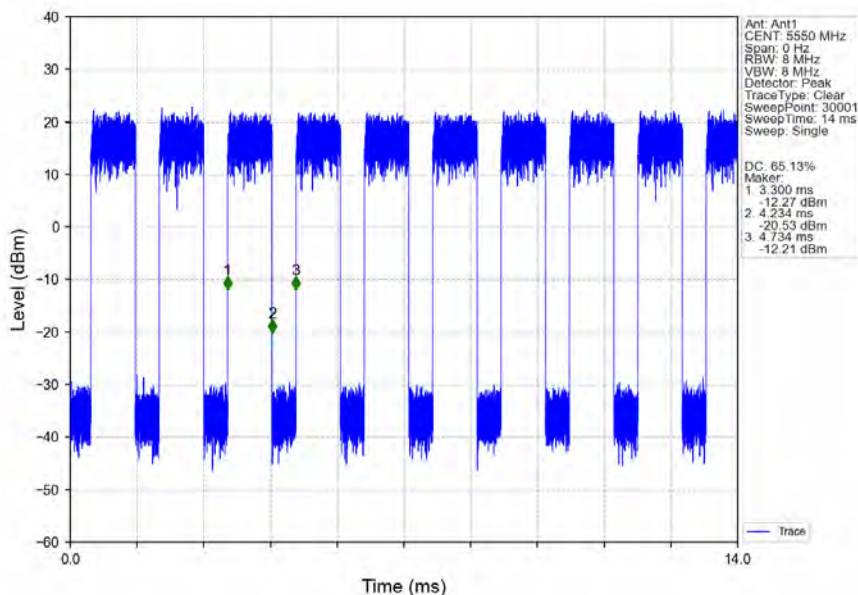
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



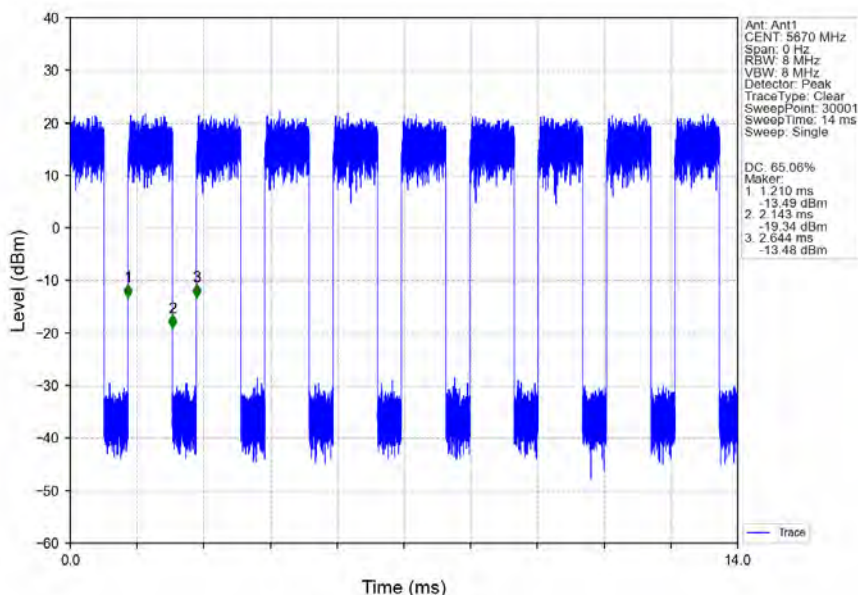
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



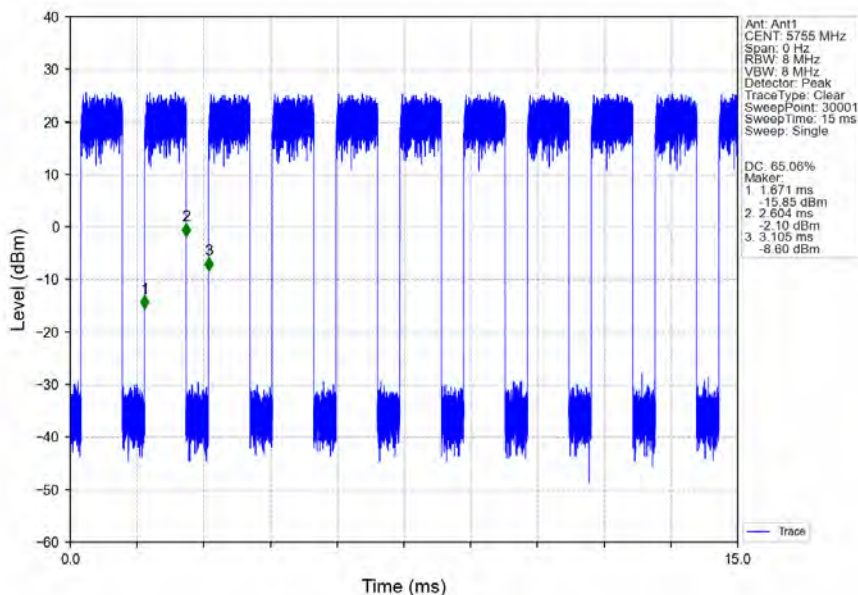
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



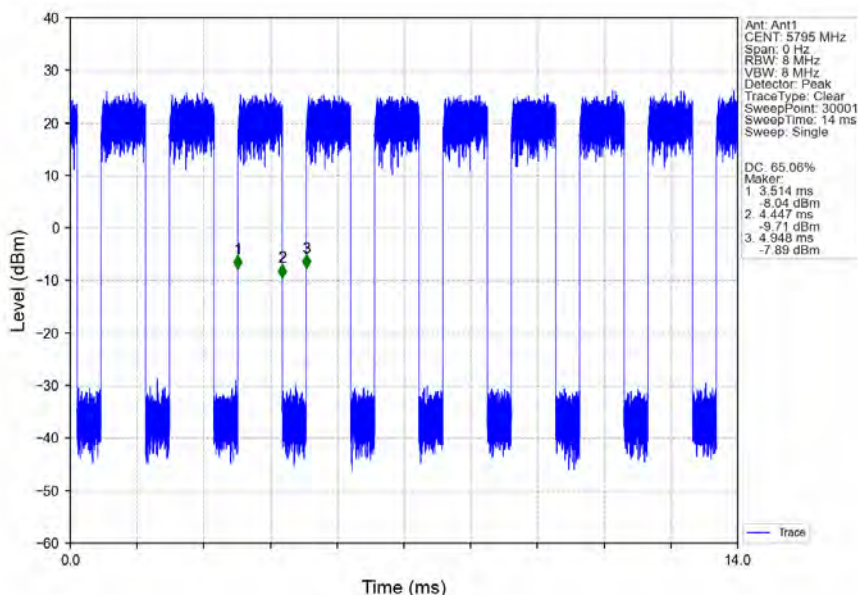
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



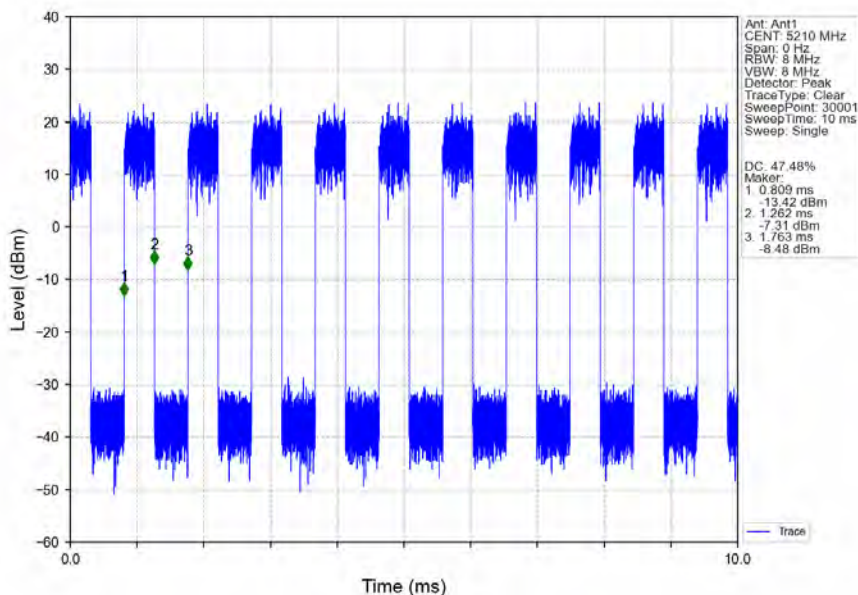
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



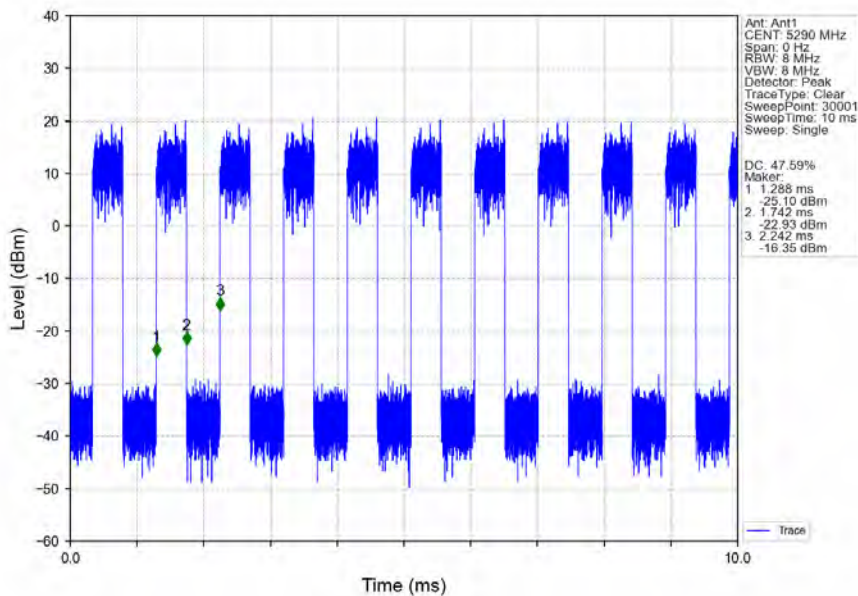
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



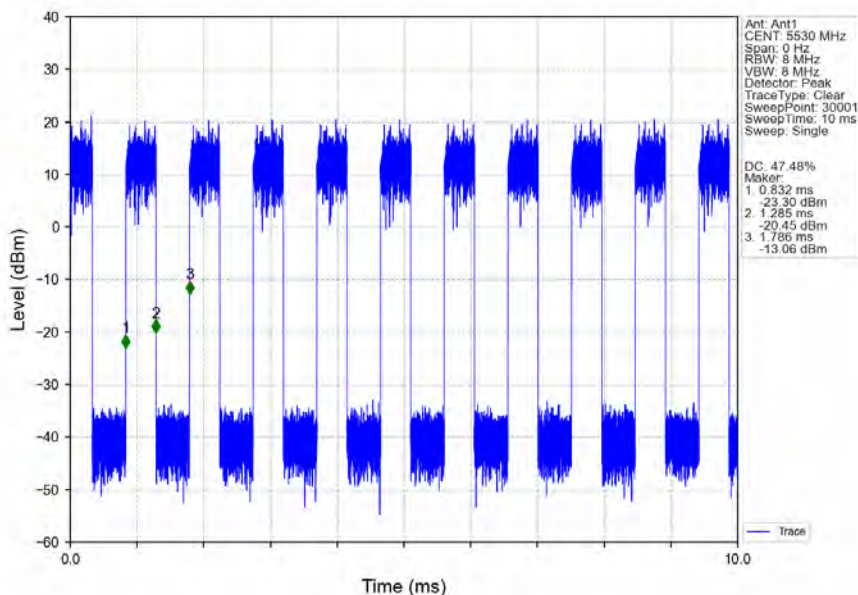
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



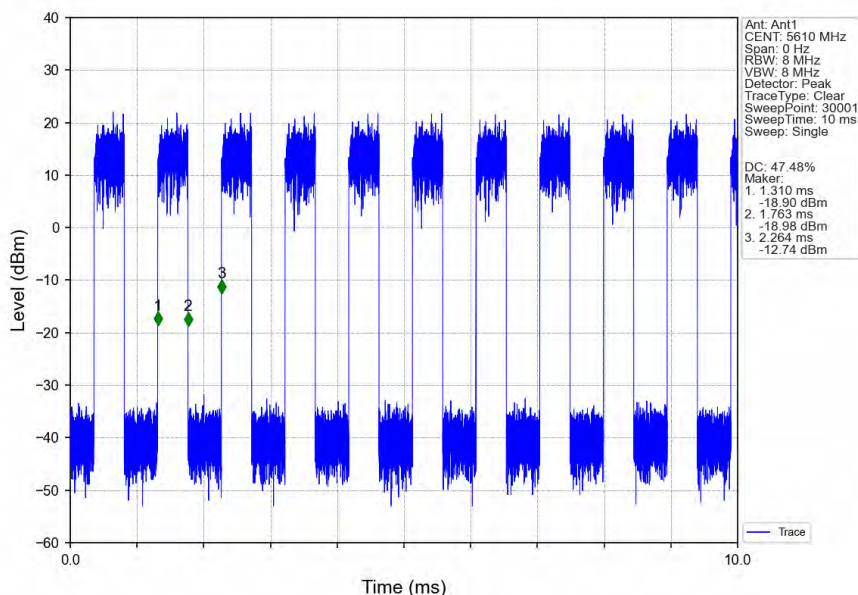
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



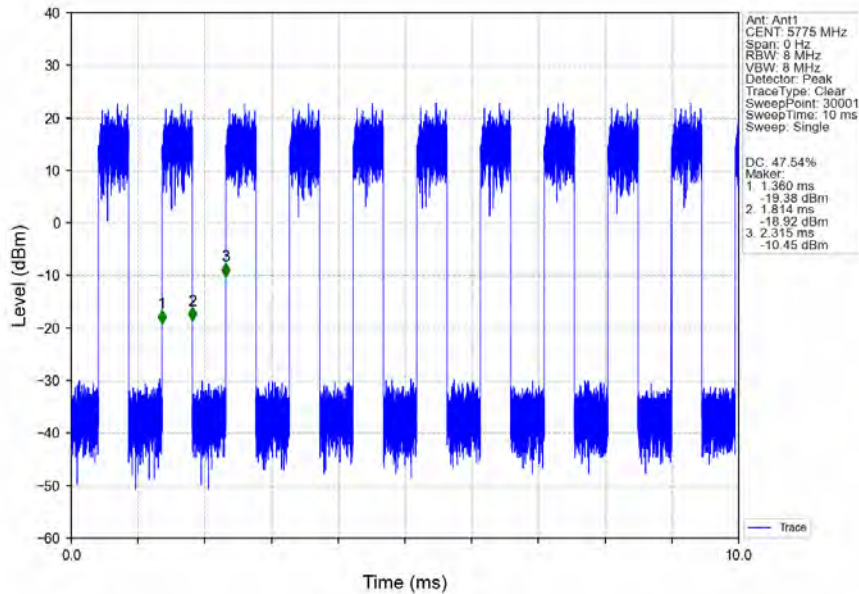
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	22.439	/	Pass
		5200	1	20.461	/	Pass
		5240	1	23.443	/	Pass
		5260	1	23.728	/	Pass
		5300	1	23.356	/	Pass
		5320	1	17.241	/	Pass
		5500	1	23.642	/	Pass
		5580	1	19.734	/	Pass
		5700	1	24.944	/	Pass
		5745	1	23.458	/	Pass
		5785	1	20.125	/	Pass
		5825	1	24.884	/	Pass
802.11n (HT20)	MIMO	5180	1	21.512	/	Pass
		5200	1	21.250	/	Pass
		5240	1	24.515	/	Pass
		5260	1	17.787	/	Pass
		5300	1	23.958	/	Pass
		5320	1	22.171	/	Pass
		5500	1	17.792	/	Pass
		5580	1	18.477	/	Pass
		5700	1	18.130	/	Pass
		5745	1	17.984	/	Pass
		5785	1	24.323	/	Pass
		5825	1	25.712	/	Pass
802.11n (HT40)	MIMO	5190	1	37.166	/	Pass
		5230	1	47.338	/	Pass
		5270	1	36.778	/	Pass
		5310	1	36.541	/	Pass
		5510	1	36.812	/	Pass
		5550	1	37.234	/	Pass
		5670	1	36.833	/	Pass



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		5755	1	46.926	/	Pass
		5795	1	38.291	/	Pass
802.11ac (VHT20)	MIMO	5180	1	20.446	/	Pass
		5200	1	20.461	/	Pass
		5240	1	23.341	/	Pass
		5260	1	23.512	/	Pass
		5300	1	17.767	/	Pass
		5320	1	17.734	/	Pass
		5500	1	17.799	/	Pass
		5580	1	18.231	/	Pass
		5700	1	17.797	/	Pass
		5745	1	26.384	/	Pass
		5785	1	23.315	/	Pass
		5825	1	25.259	/	Pass
802.11ac (VHT40)	MIMO	5190	1	37.957	/	Pass
		5230	1	40.841	/	Pass
		5270	1	36.539	/	Pass
		5310	1	36.645	/	Pass
		5510	1	36.690	/	Pass
		5550	1	37.071	/	Pass
		5670	1	36.803	/	Pass
		5755	1	40.698	/	Pass
802.11ac (VHT80)	MIMO	5795	1	45.983	/	Pass
		5210	1	81.941	/	Pass
		5290	1	75.112	/	Pass
		5530	1	76.568	/	Pass
		5610	1	75.846	/	Pass
		5775	1	77.306	/	Pass



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2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	36.376	/	Pass
		5200	1	36.582	/	Pass
		5240	1	36.837	/	Pass
		5260	1	40.336	/	Pass
		5300	1	38.207	/	Pass
		5320	1	29.098	/	Pass
		5500	1	38.832	/	Pass
		5580	1	34.774	/	Pass
		5700	1	40.462	/	Pass
802.11n (HT20)	MIMO	5180	1	38.492	/	Pass
		5200	1	38.110	/	Pass
		5240	1	39.537	/	Pass
		5260	1	19.296	/	Pass
		5300	1	40.535	/	Pass
		5320	1	39.978	/	Pass
		5500	1	19.446	/	Pass
		5580	1	29.924	/	Pass
		5700	1	27.051	/	Pass
802.11n (HT40)	MIMO	5190	1	61.573	/	Pass
		5230	1	84.068	/	Pass
		5270	1	47.685	/	Pass
		5310	1	41.619	/	Pass
		5510	1	48.887	/	Pass
		5550	1	53.232	/	Pass
802.11ac (VHT20)	MIMO	5670	1	47.913	/	Pass
		5180	1	39.478	/	Pass
		5200	1	38.234	/	Pass
		5240	1	41.389	/	Pass
		5260	1	38.701	/	Pass
		5300	1	19.292	/	Pass
		5320	1	19.331	/	Pass
		5500	1	19.525	/	Pass
		5580	1	32.087	/	Pass
802.11ac	MIMO	5700	1	19.378	/	Pass
		5190	1	73.090	/	Pass



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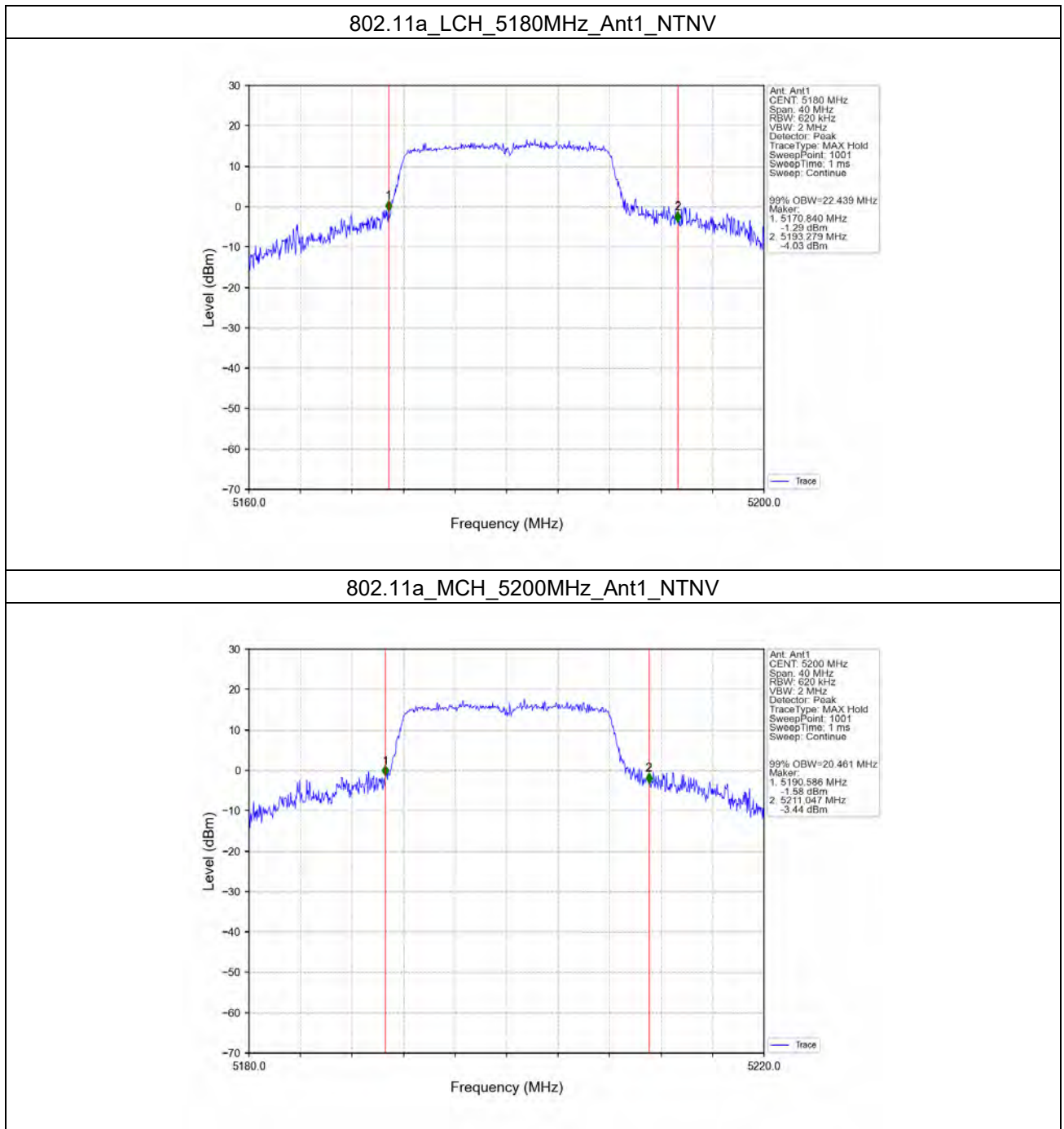
(VHT40)		5230	1	79.342	/	Pass
		5270	1	48.799	/	Pass
		5310	1	51.142	/	Pass
		5510	1	49.013	/	Pass
		5550	1	54.485	/	Pass
		5670	1	52.474	/	Pass
802.11ac (VHT80)	MIMO	5210	1	174.882	/	Pass
		5290	1	81.239	/	Pass
		5530	1	128.089	/	Pass
		5610	1	114.379	/	Pass

2.1.3 6dB BW

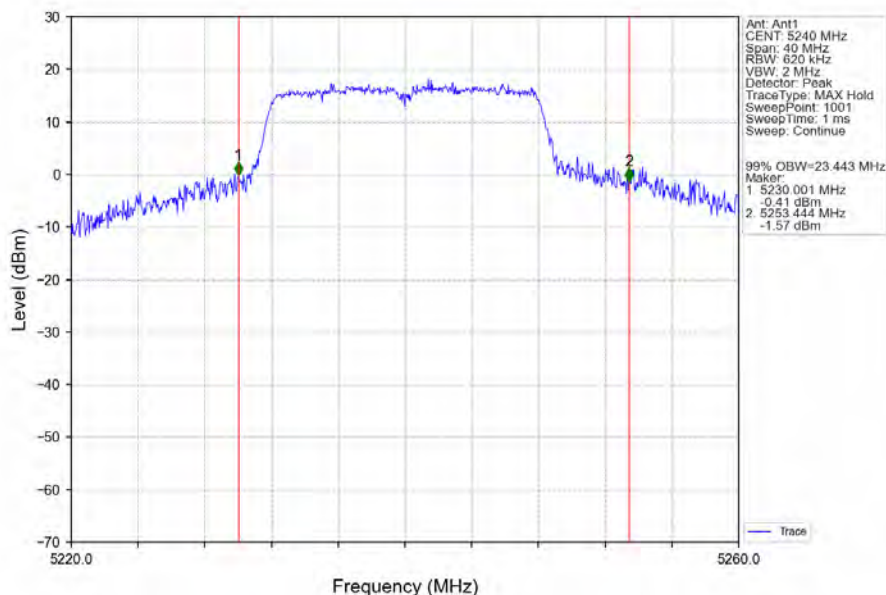
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	15.731	>=0.5	Pass
		5785	1	15.911	>=0.5	Pass
		5825	1	16.346	>=0.5	Pass
802.11n (HT20)	MIMO	5745	1	17.577	>=0.5	Pass
		5785	1	17.212	>=0.5	Pass
		5825	1	17.527	>=0.5	Pass
802.11n (HT40)	MIMO	5755	1	35.123	>=0.5	Pass
		5795	1	35.145	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	17.019	>=0.5	Pass
		5785	1	16.280	>=0.5	Pass
		5825	1	16.913	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	35.116	>=0.5	Pass
		5795	1	34.995	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	72.550	>=0.5	Pass

2.2 Test Graph

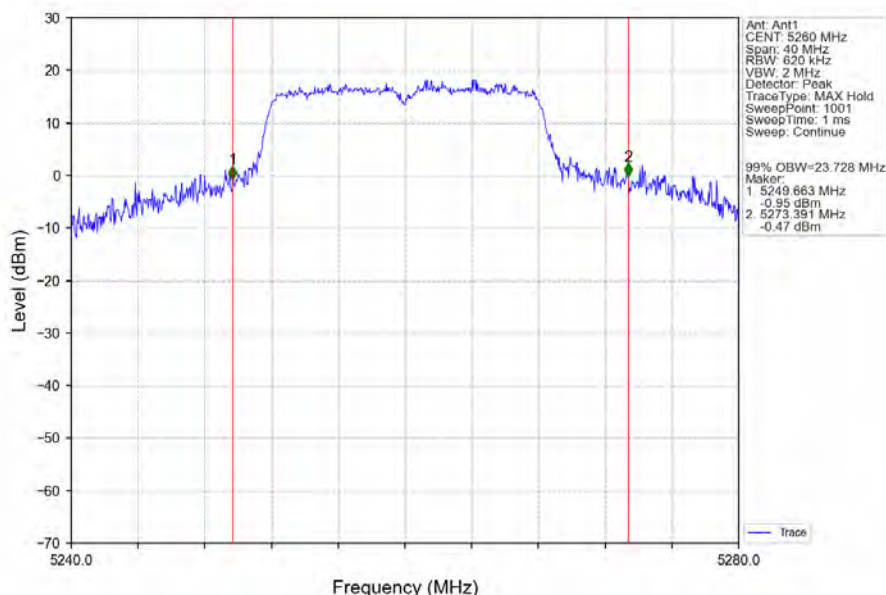
2.2.1 OBW



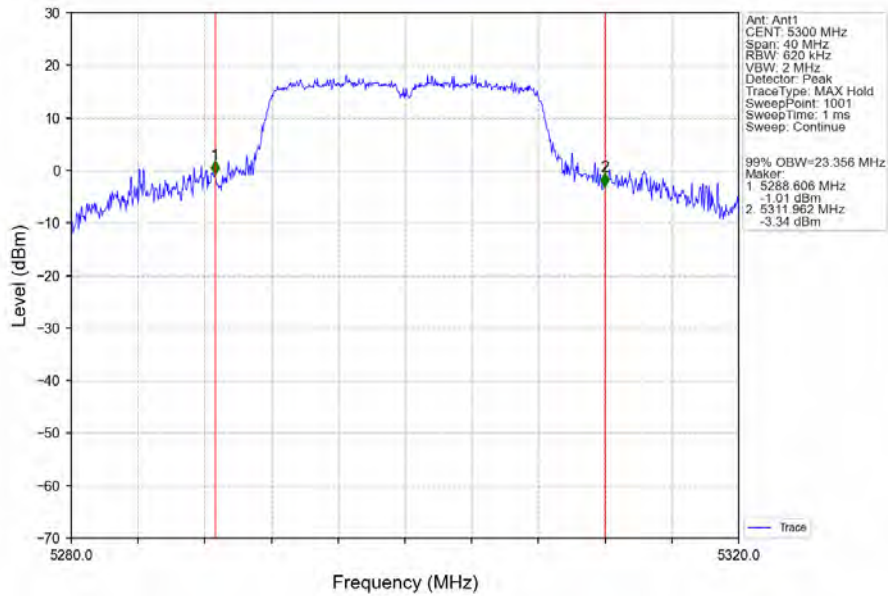
802.11a_HCH_5240MHz_Ant1_NTNV



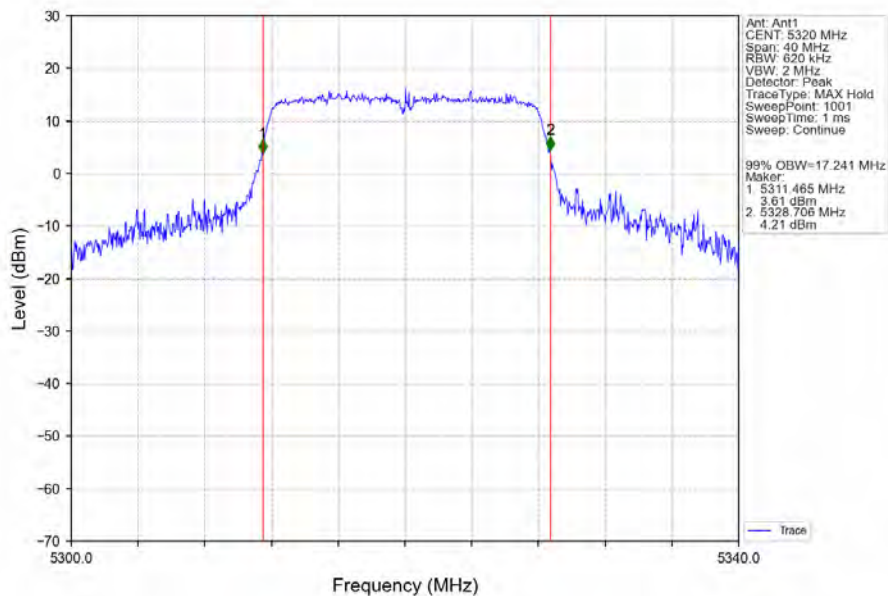
802.11a_LCH_5260MHz_Ant1_NTNV



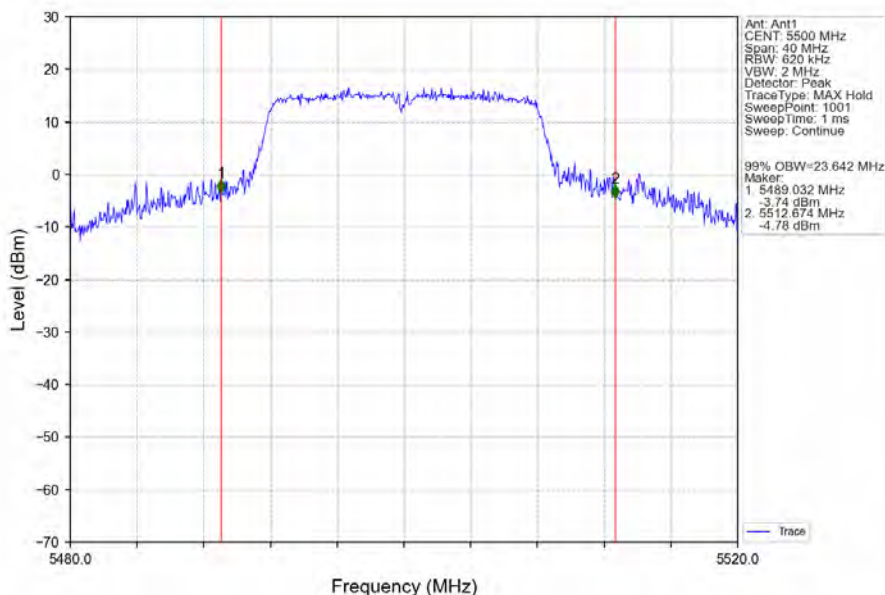
802.11a_MCH_5300MHz_Ant1_NTNV



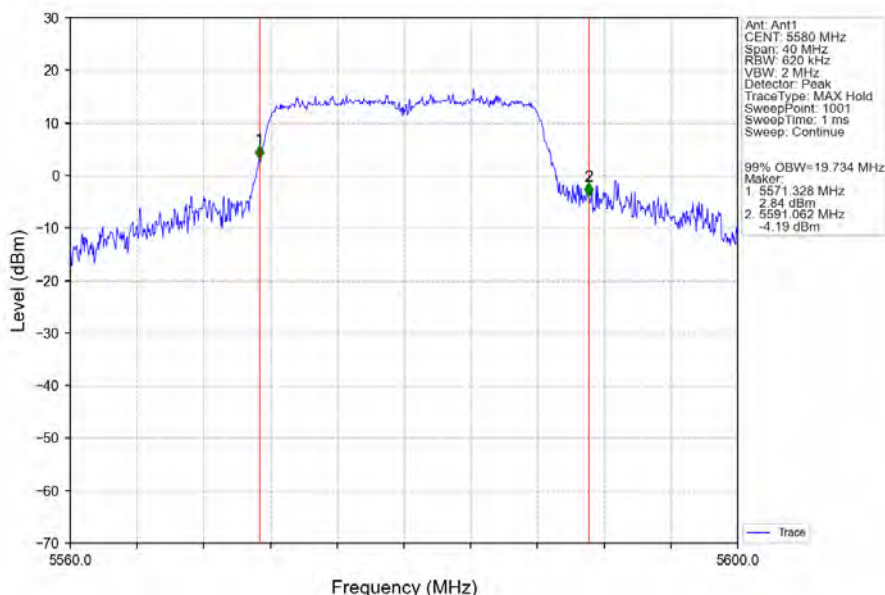
802.11a_HCH_5320MHz_Ant1_NTNV



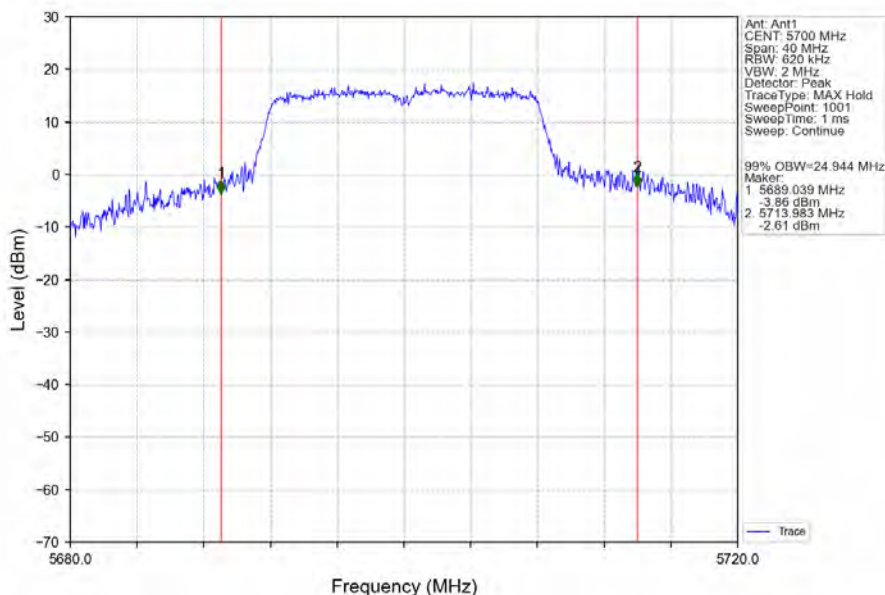
802.11a_LCH_5500MHz_Ant1_NTNV



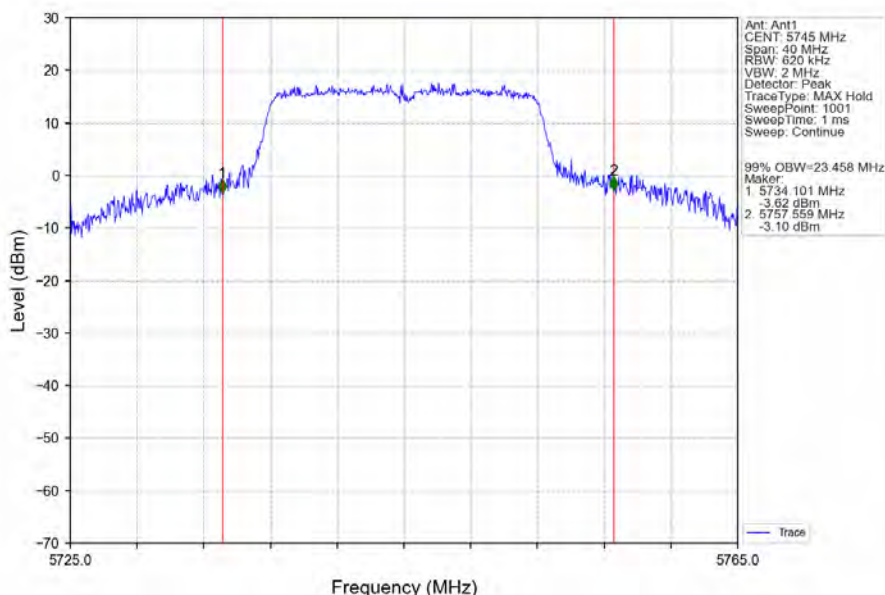
802.11a_MCH_5580MHz_Ant1_NTNV



802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV



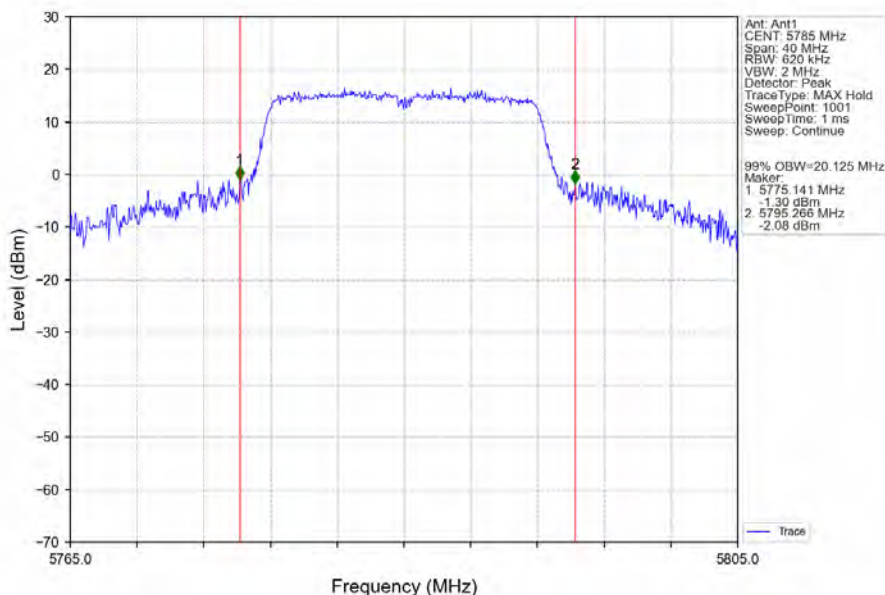
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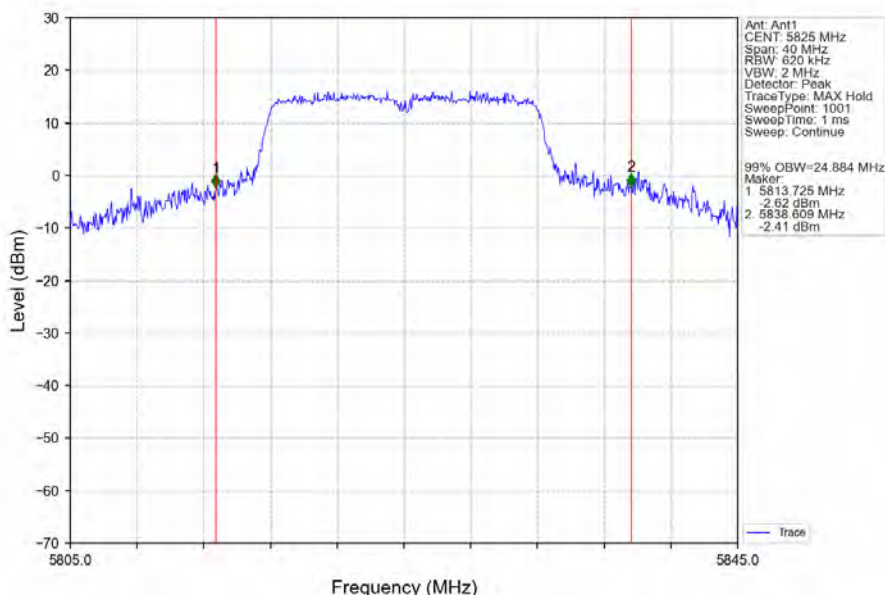
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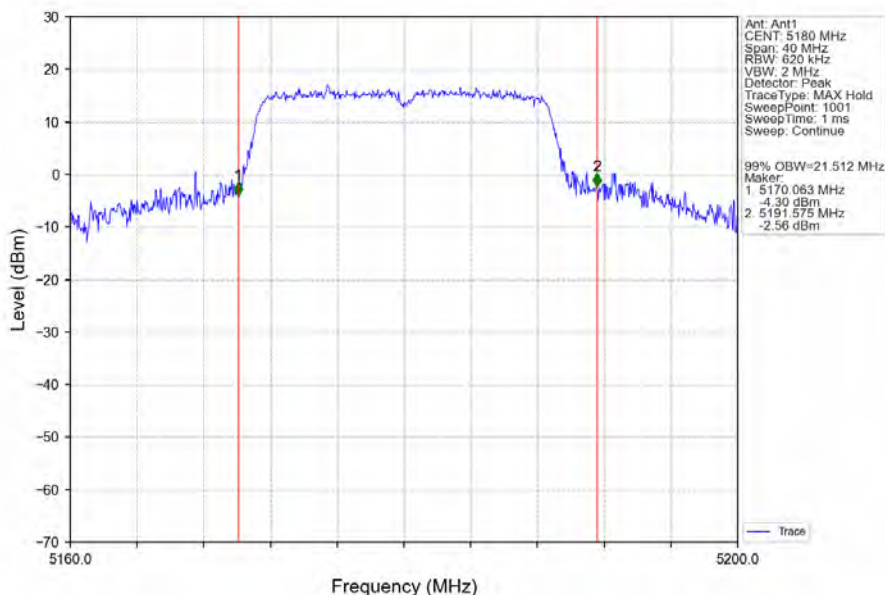
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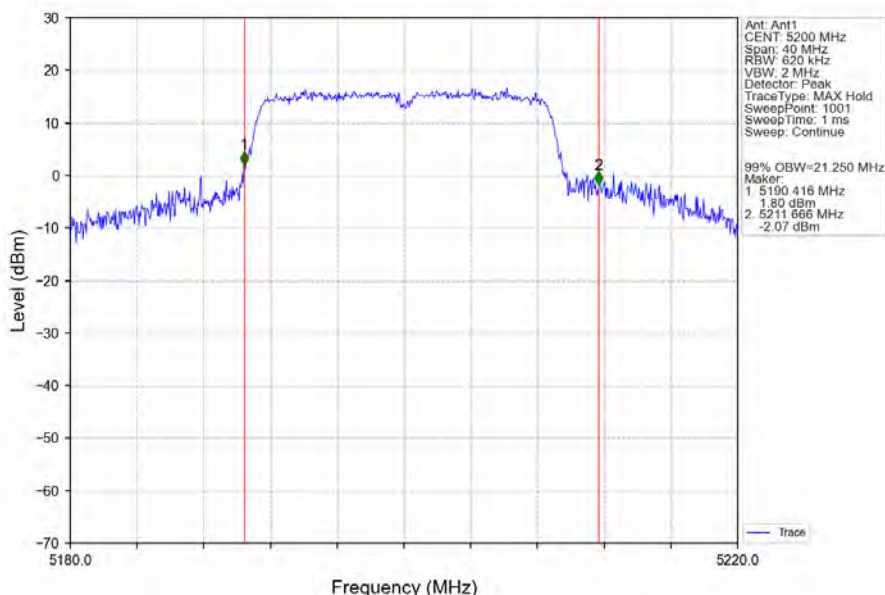
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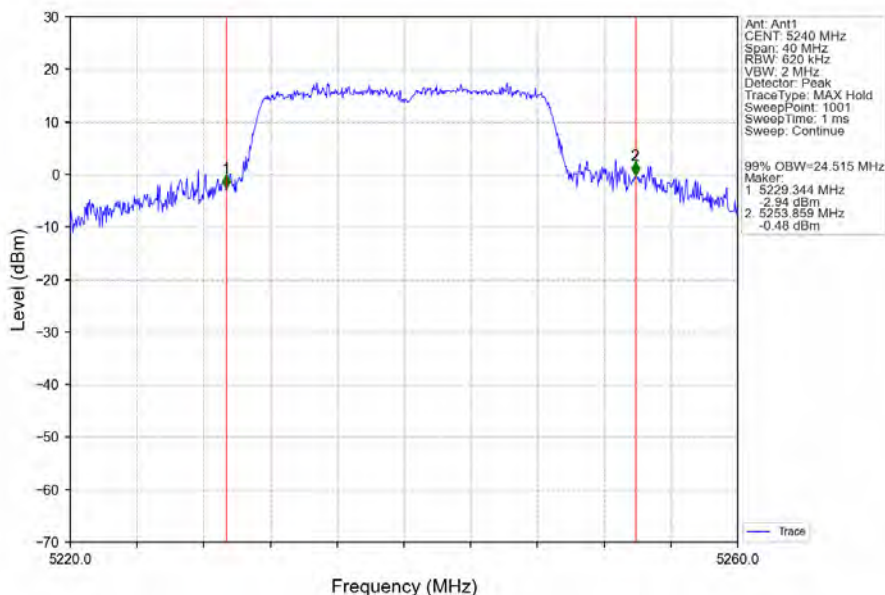
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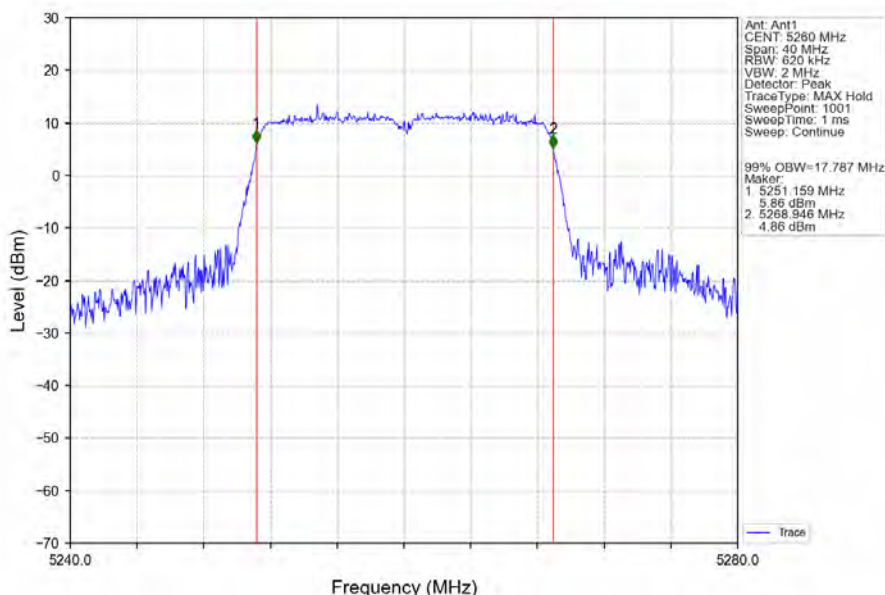
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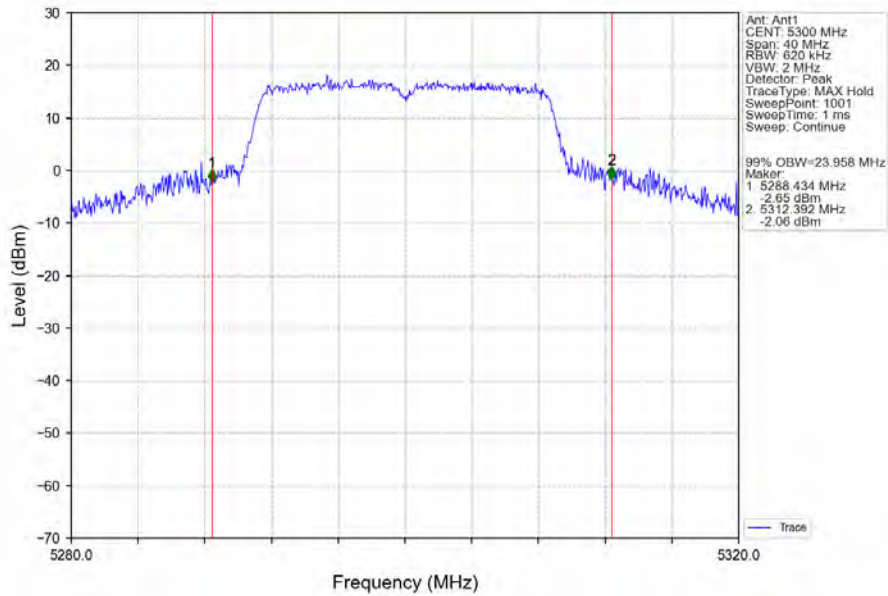
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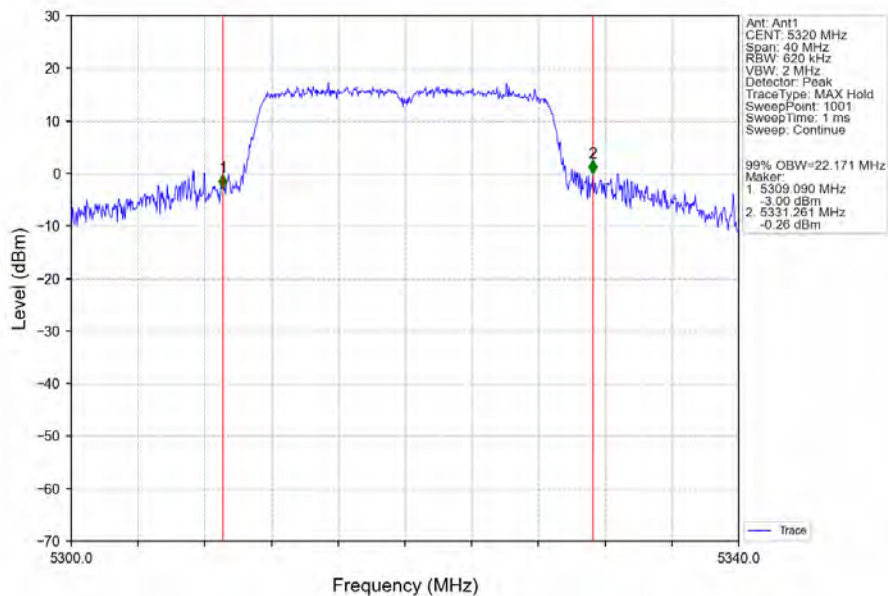
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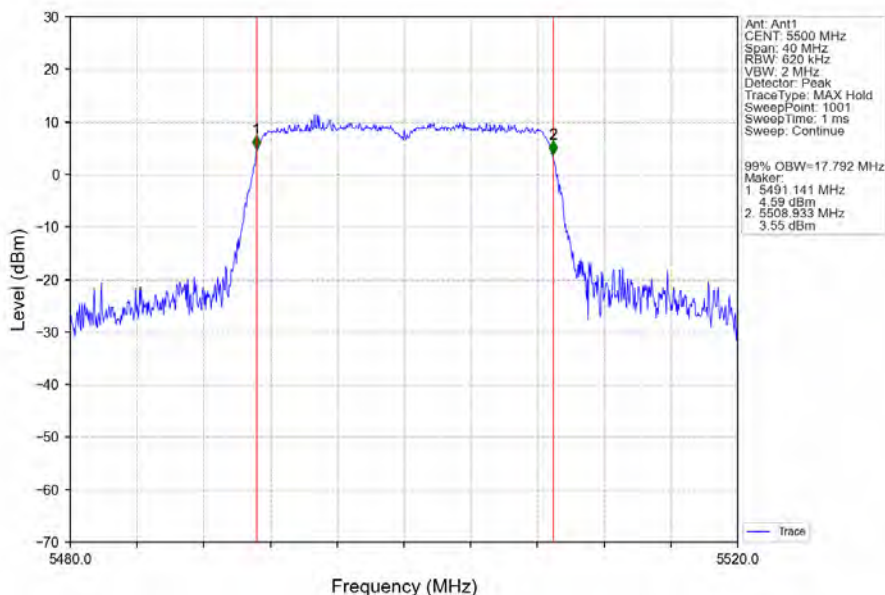
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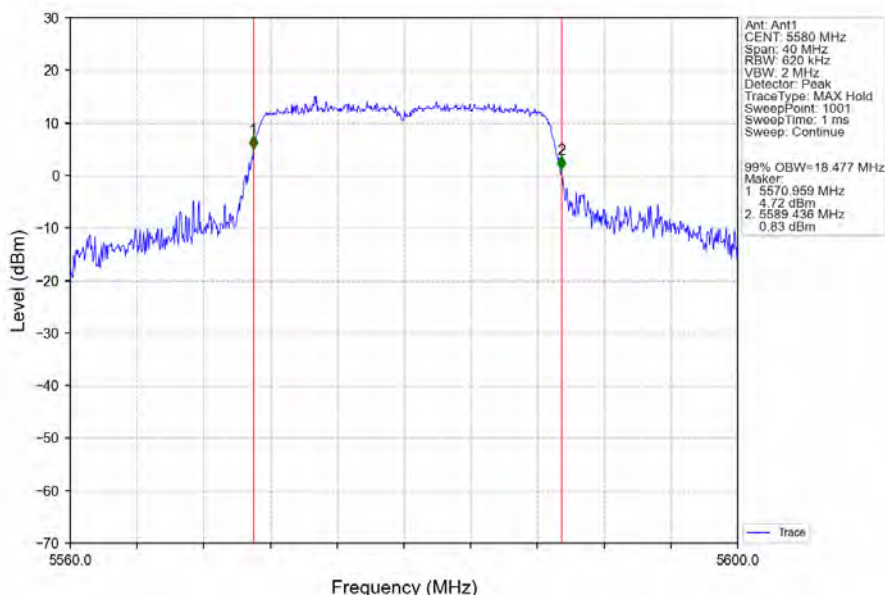
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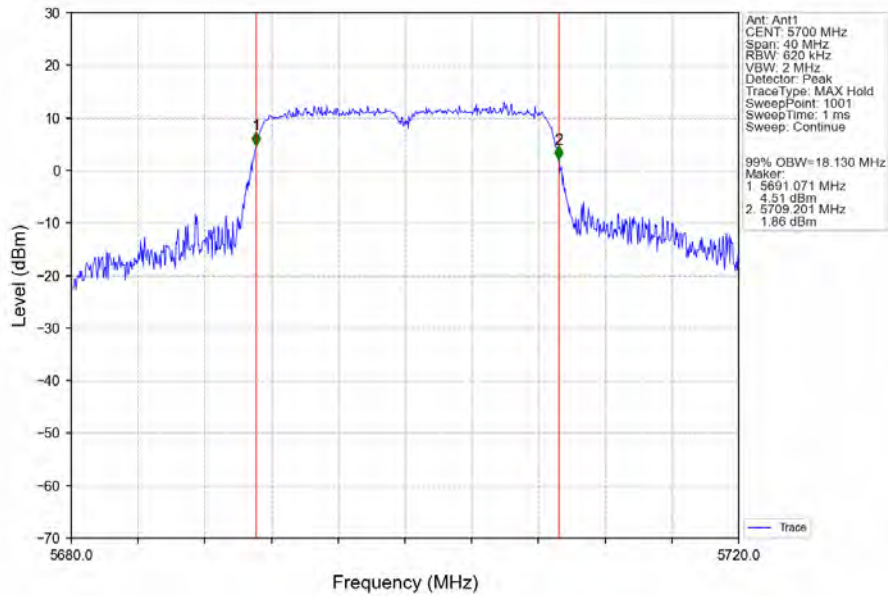
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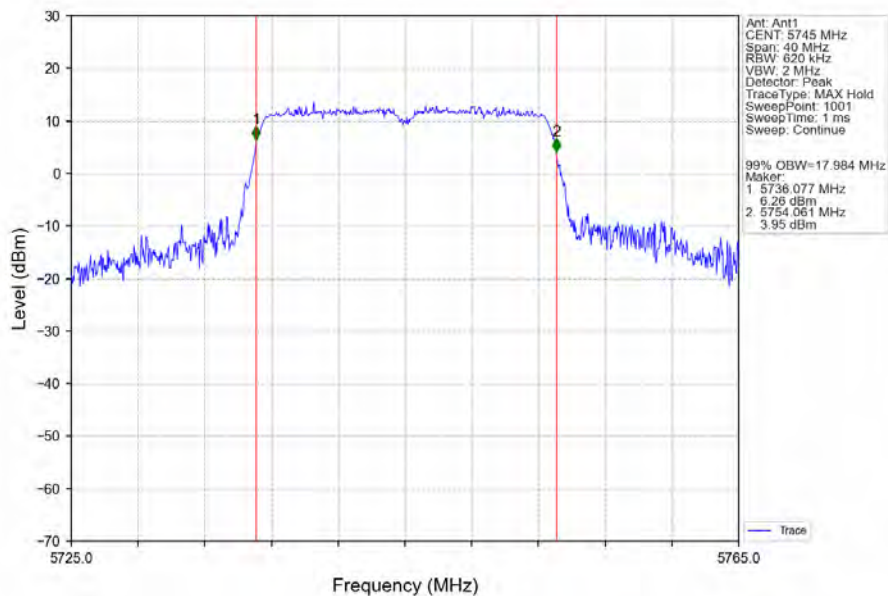
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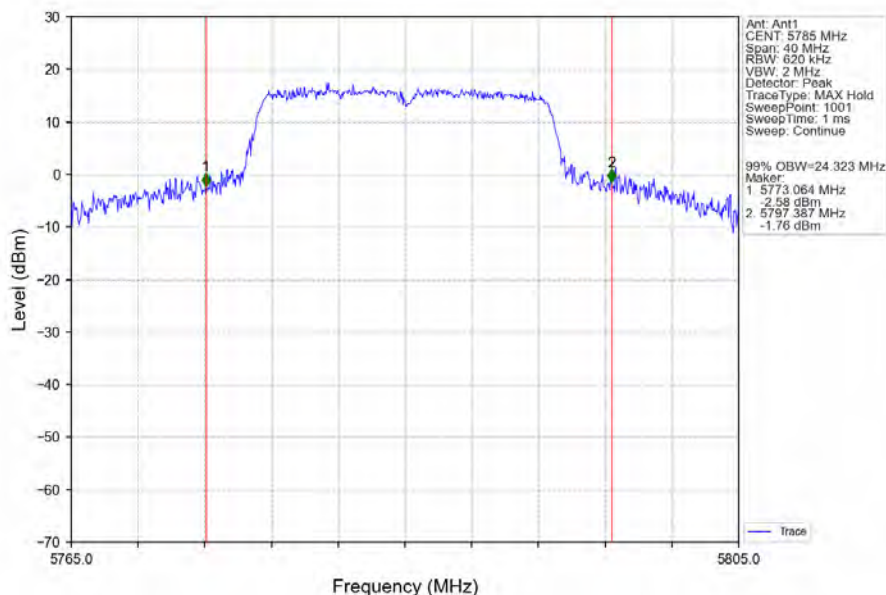
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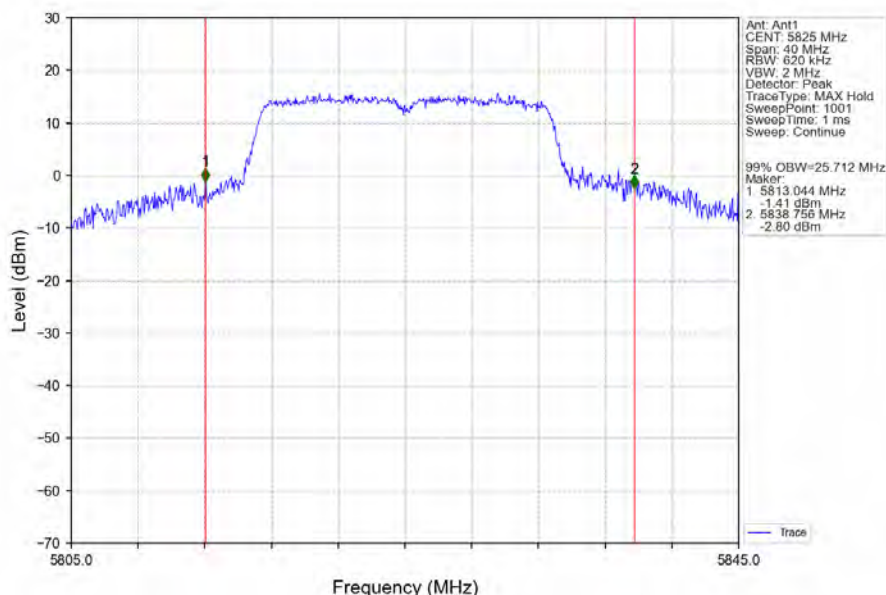
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



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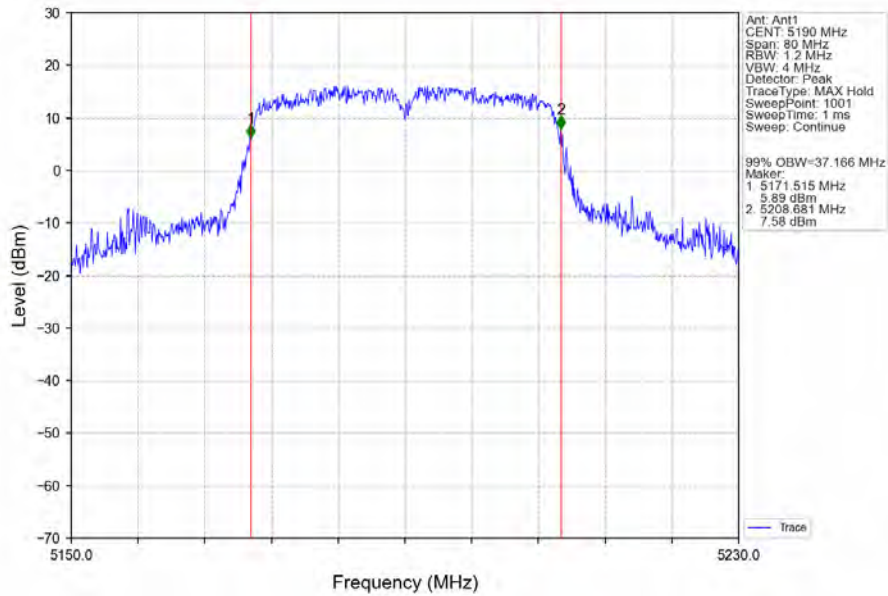
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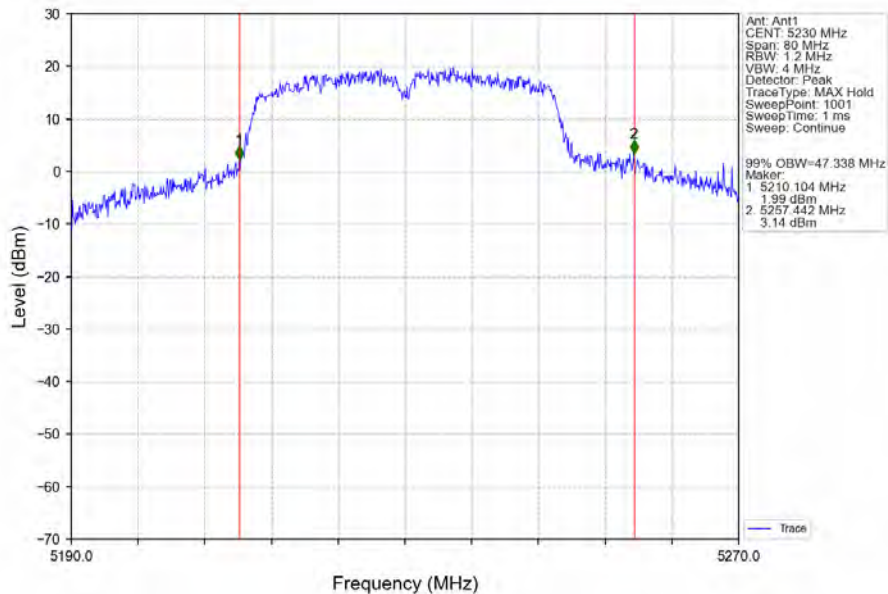
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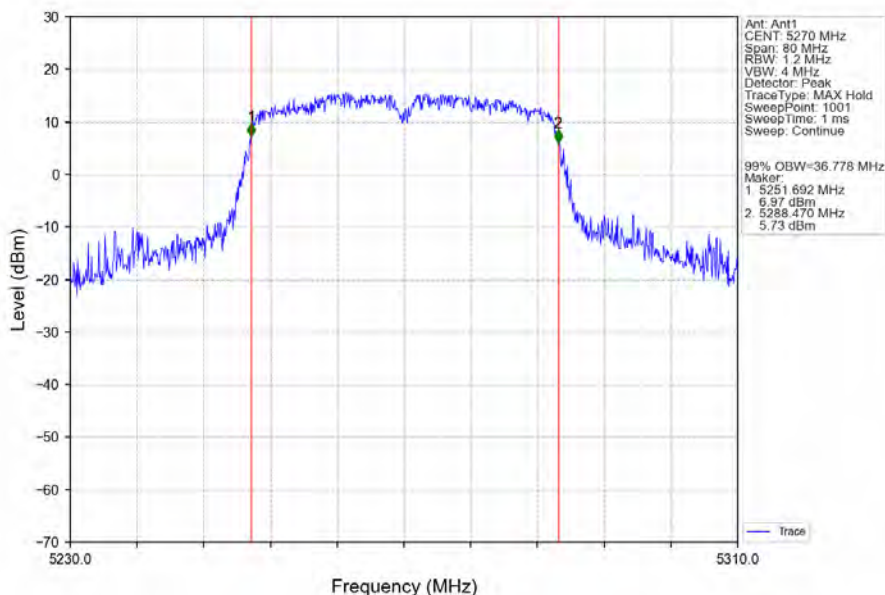
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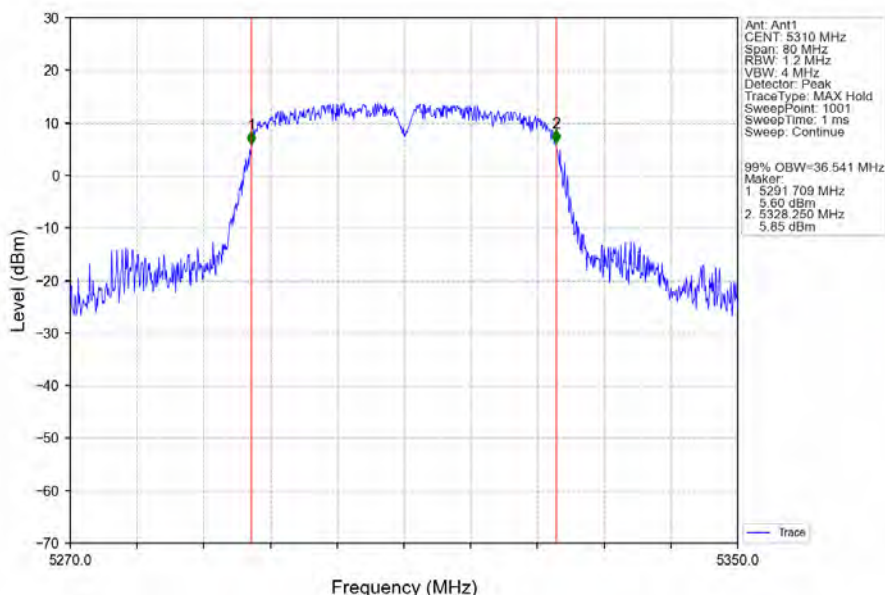
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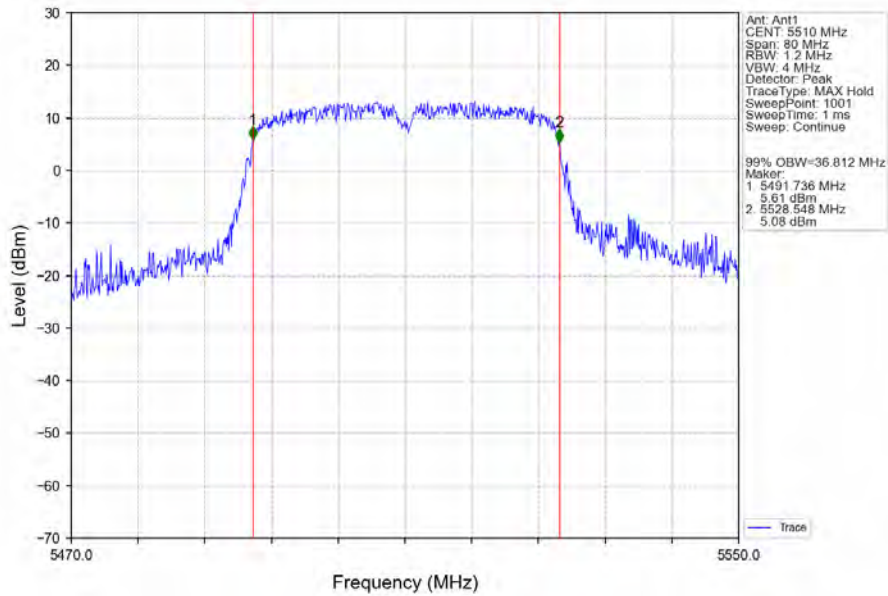
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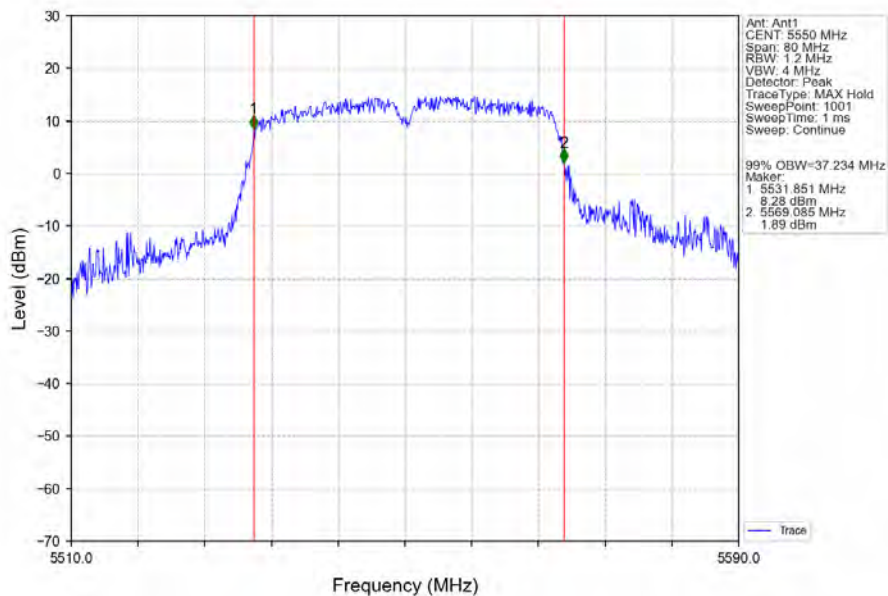
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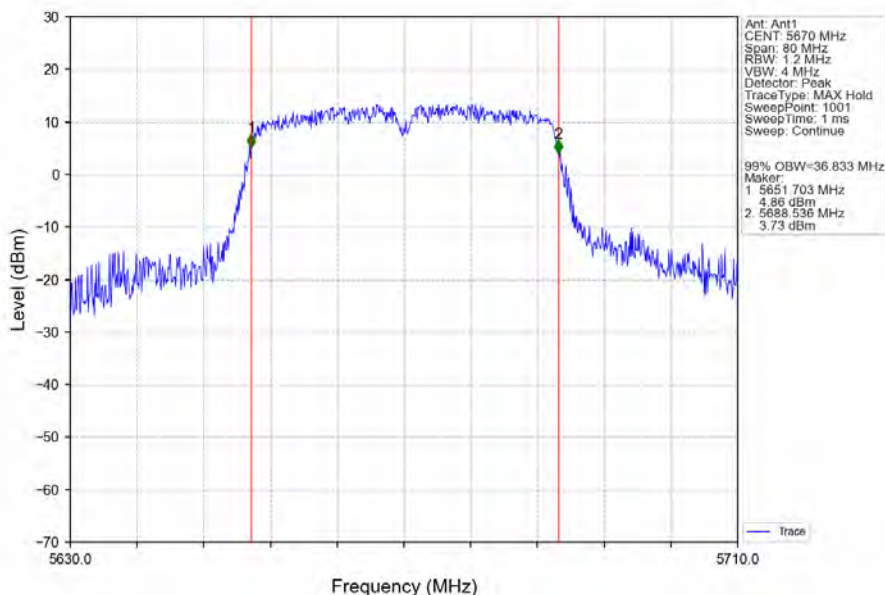
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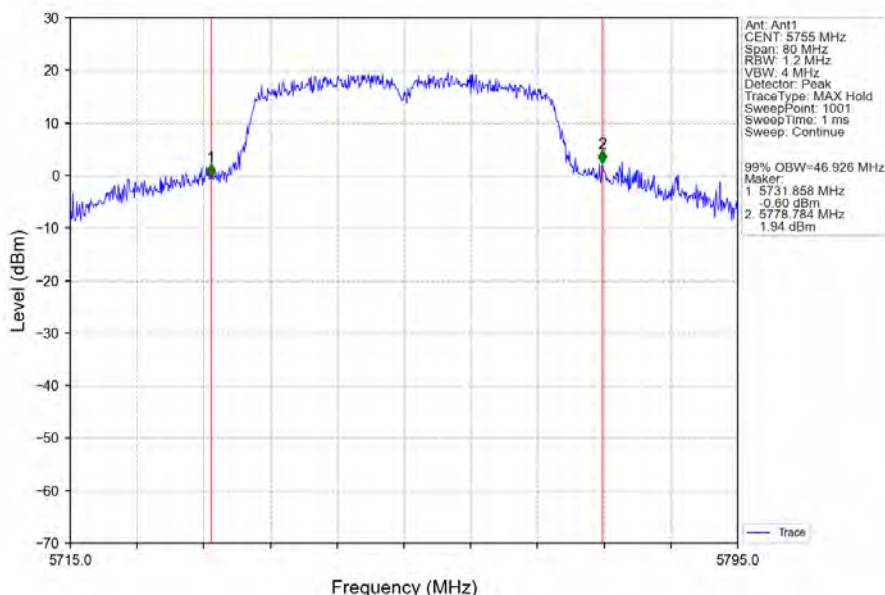
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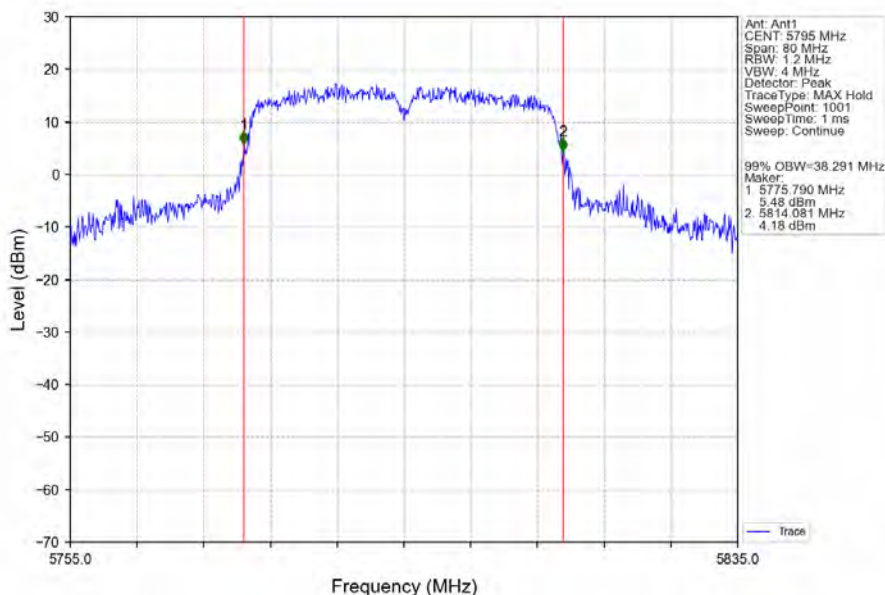
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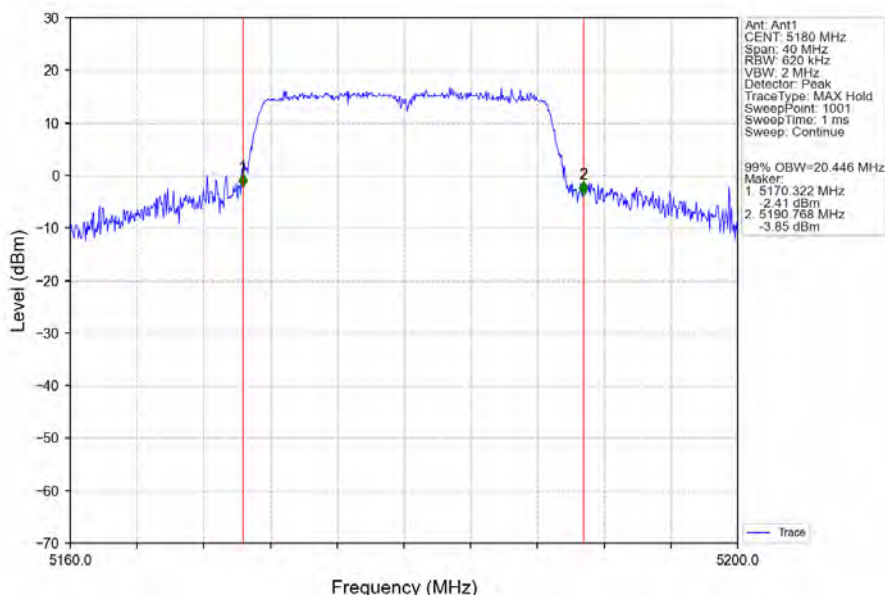
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



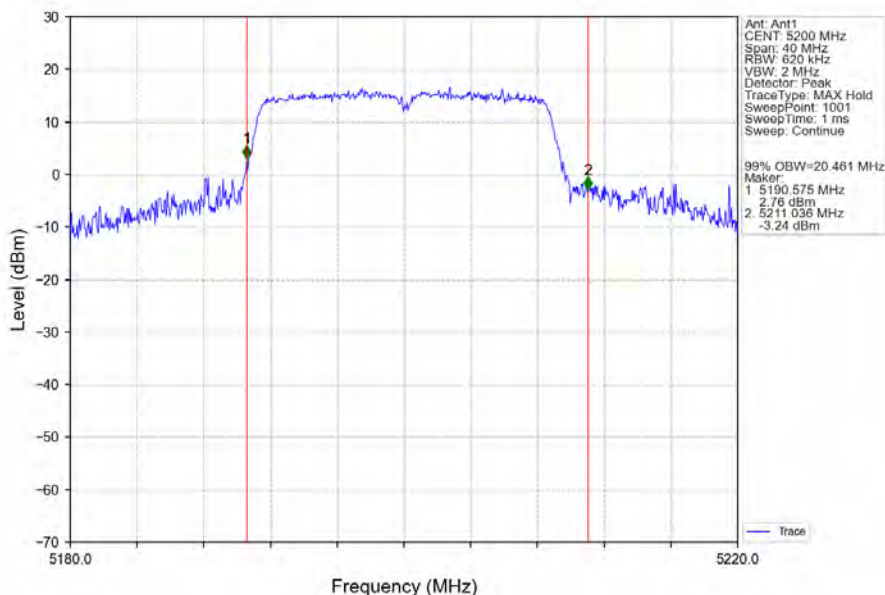
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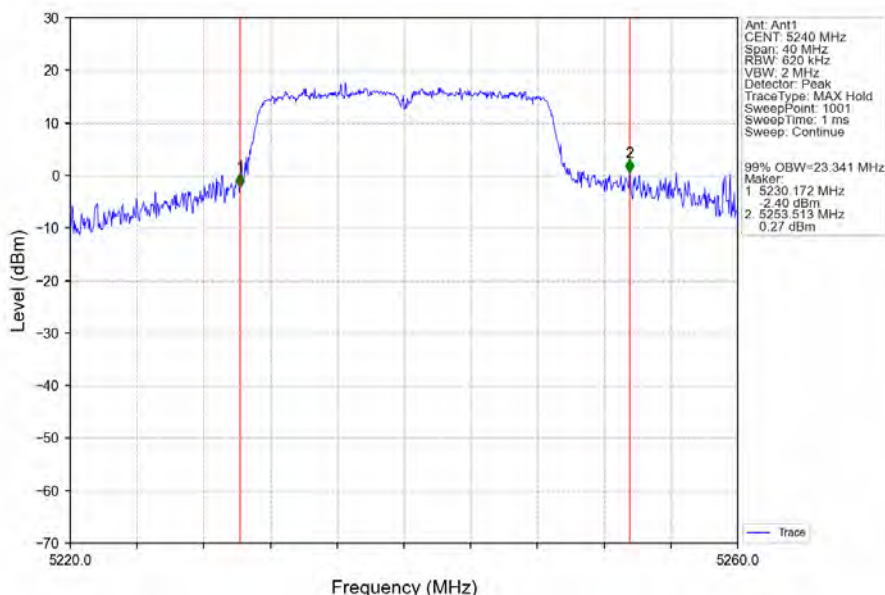
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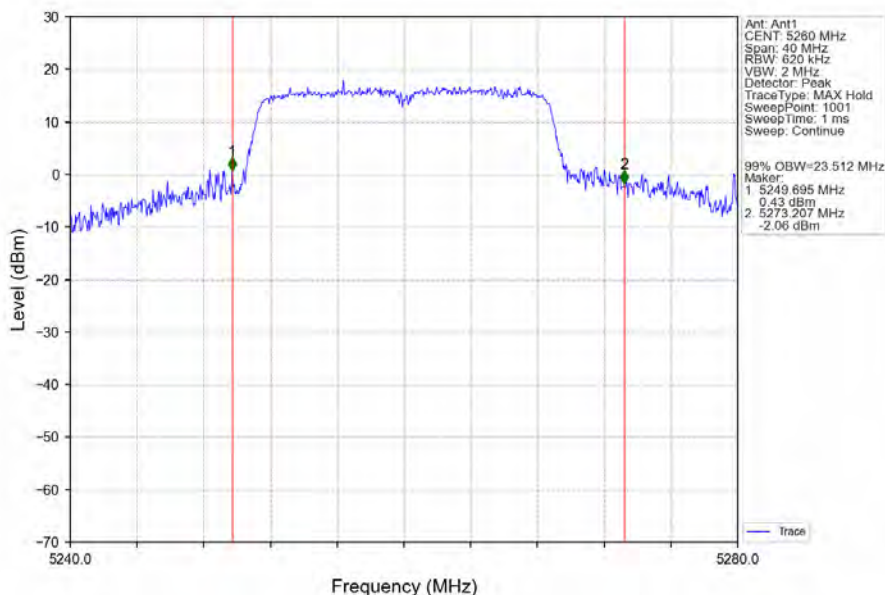
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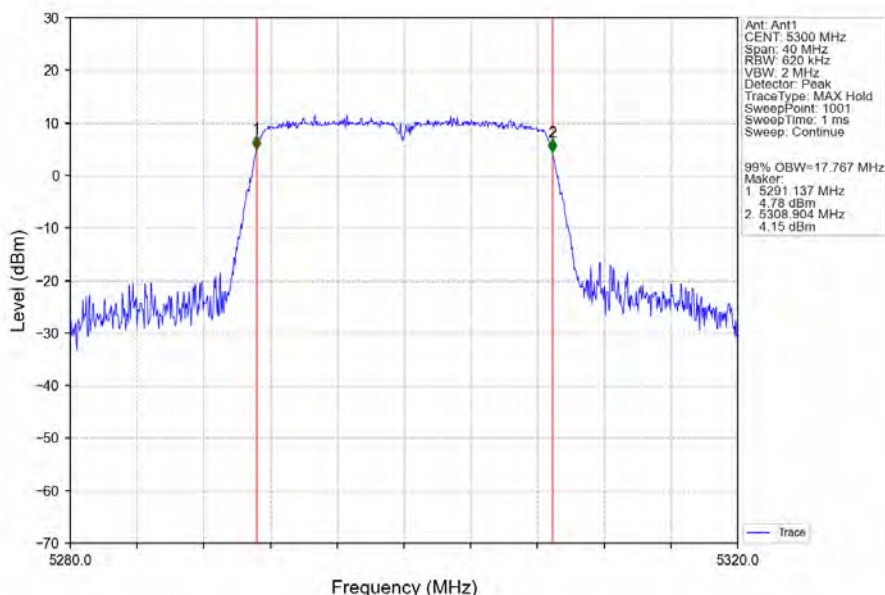
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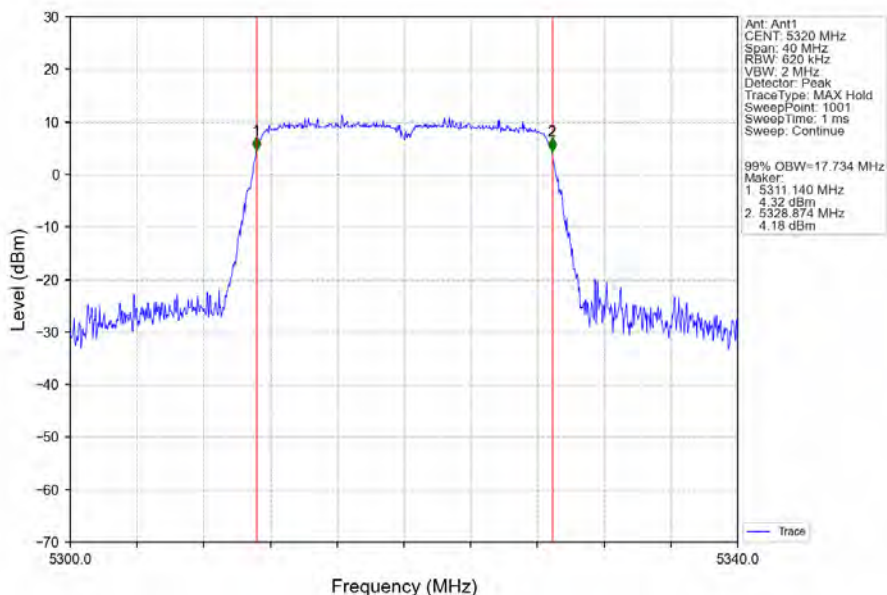
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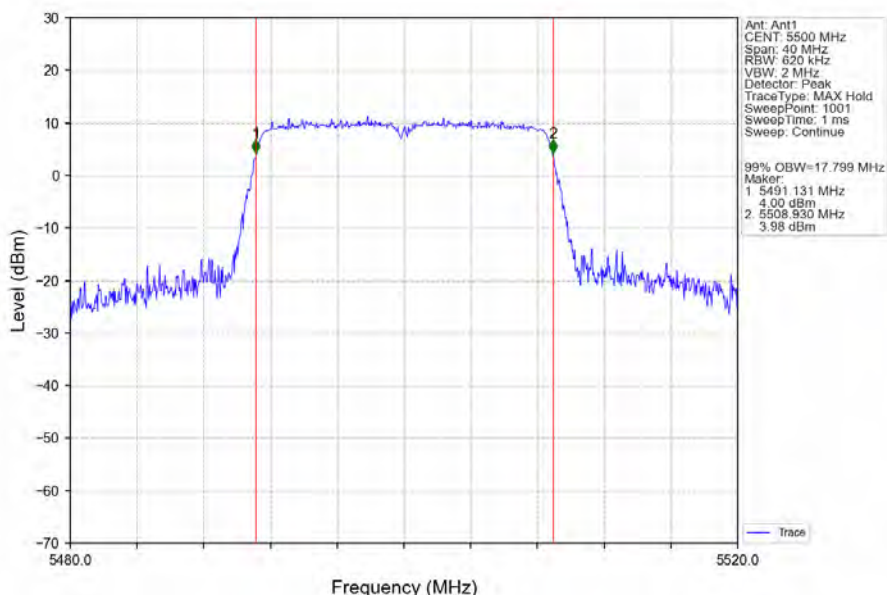
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802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



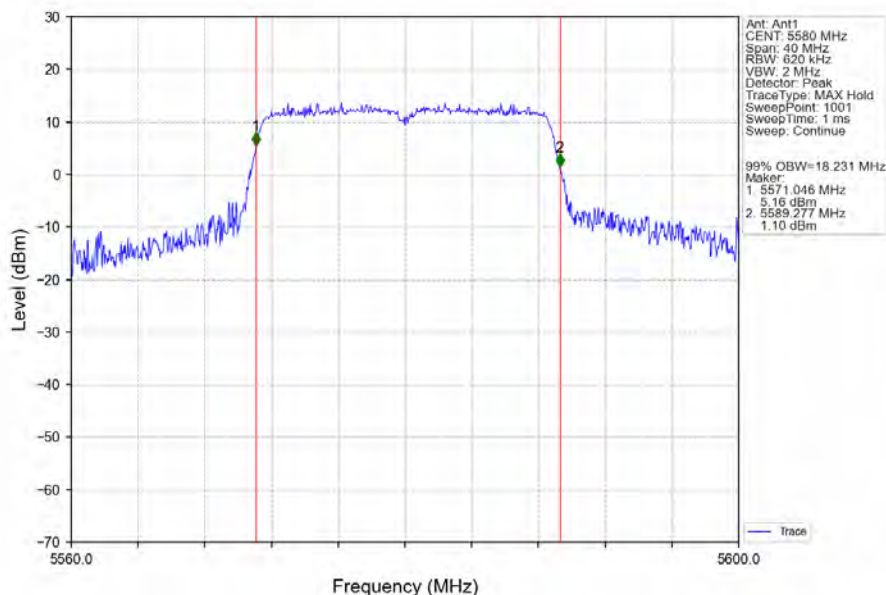
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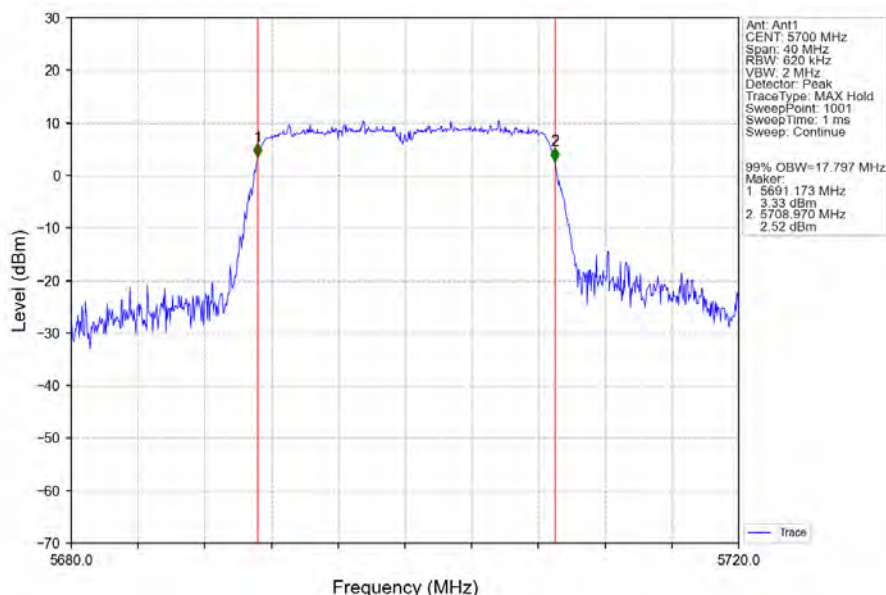
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



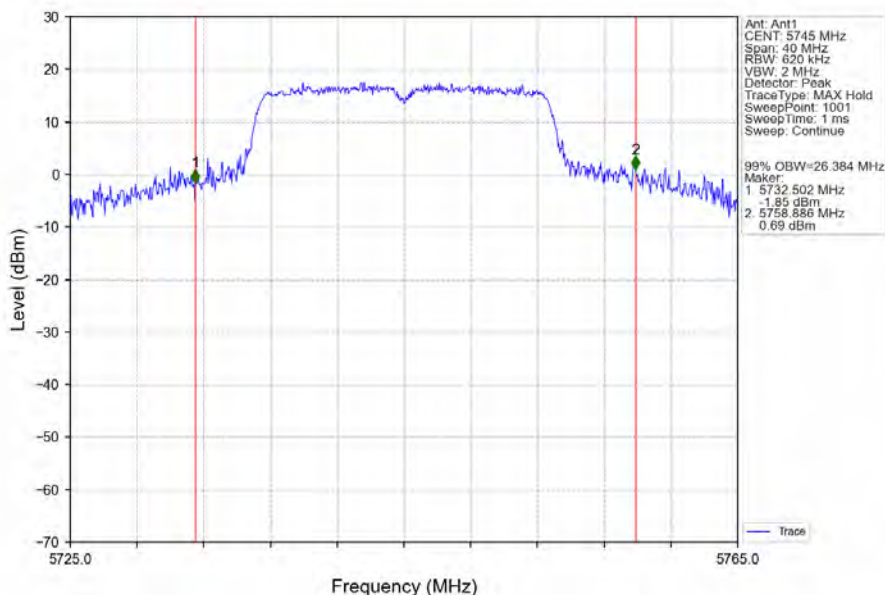
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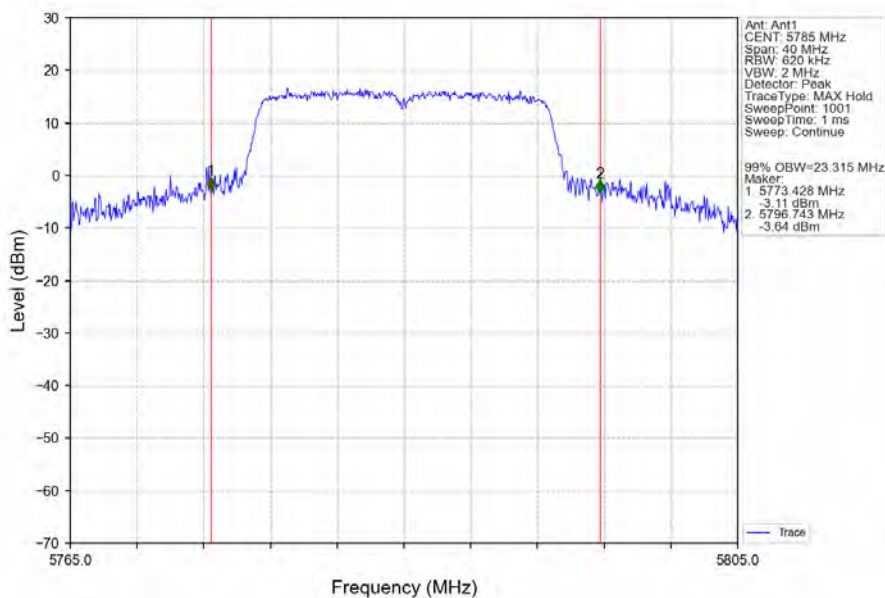
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



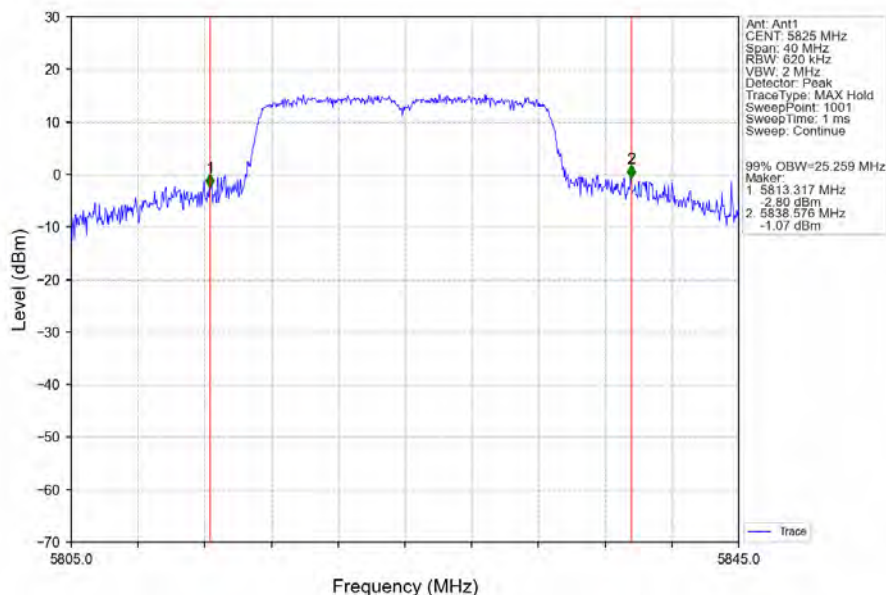
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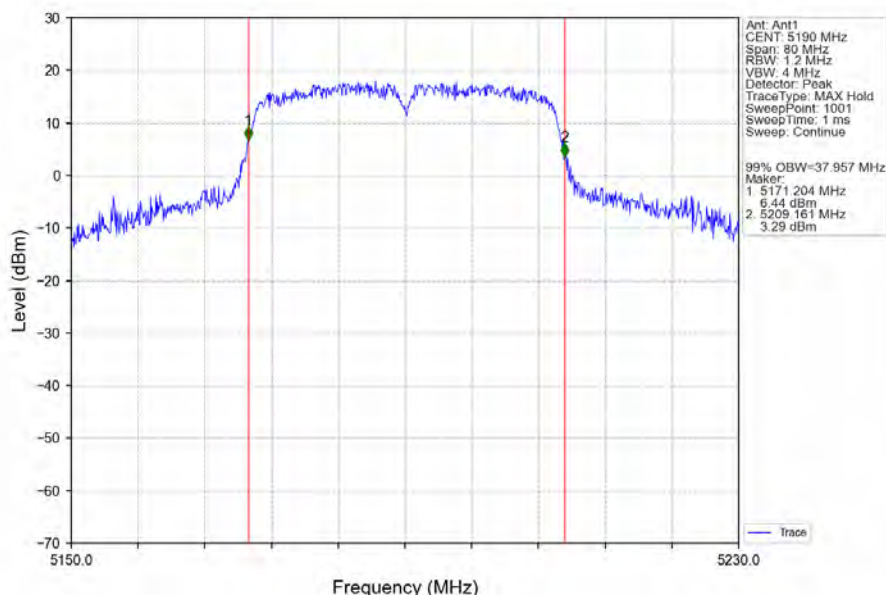
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



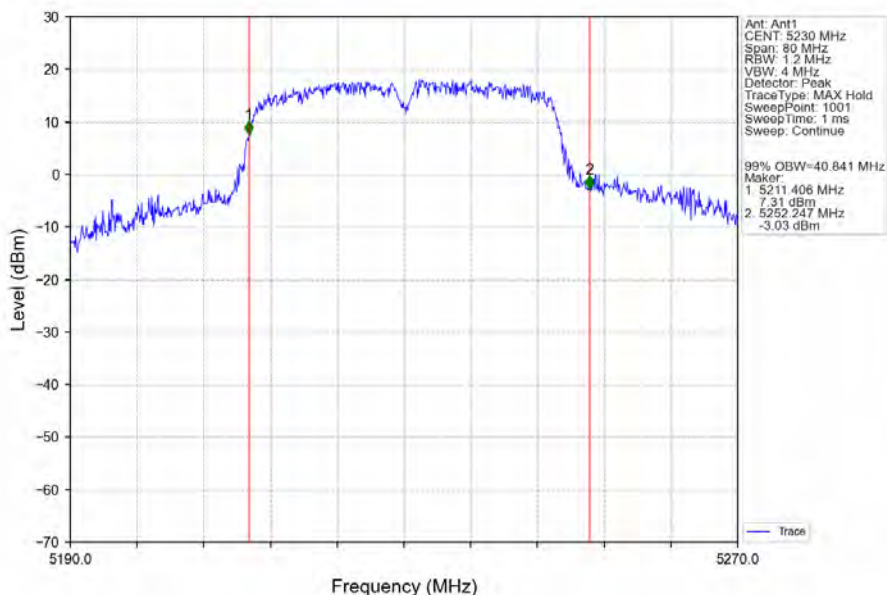
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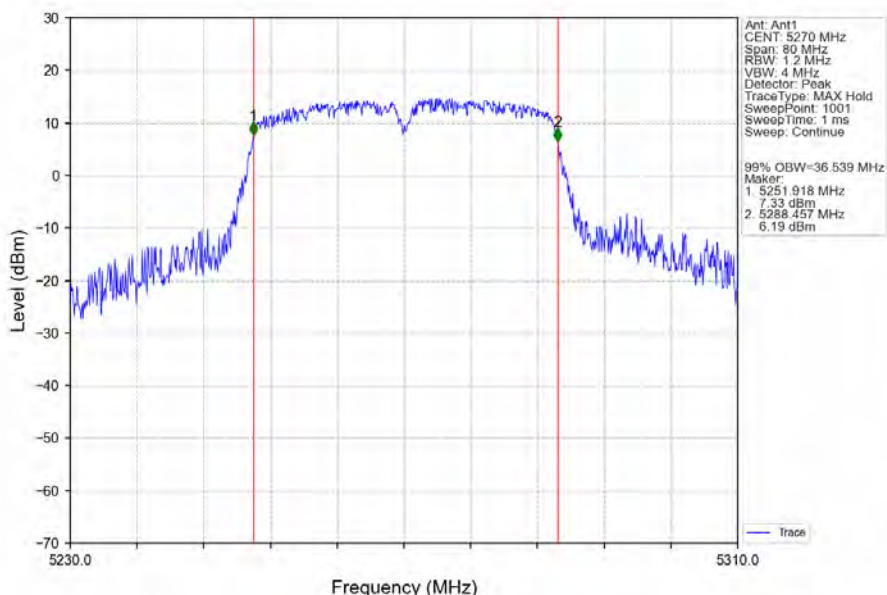
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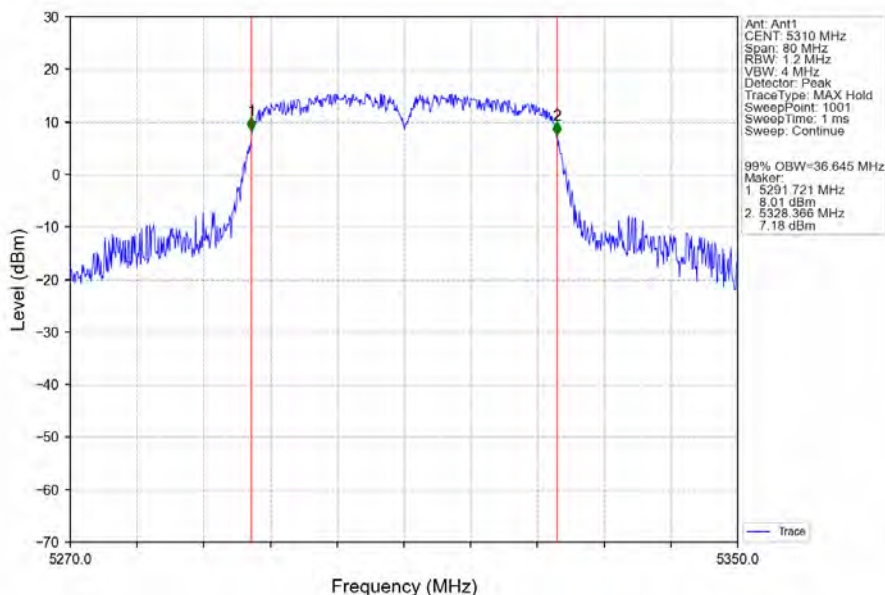
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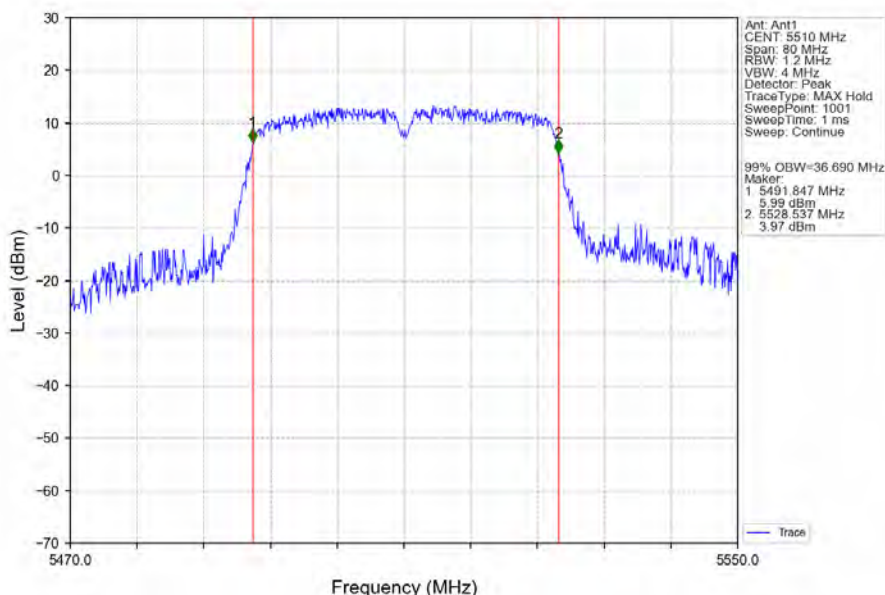
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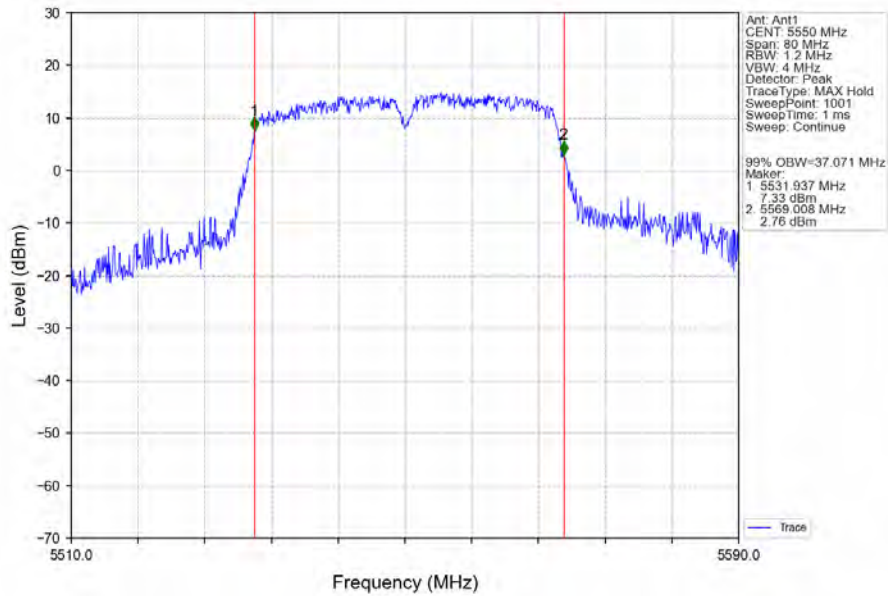
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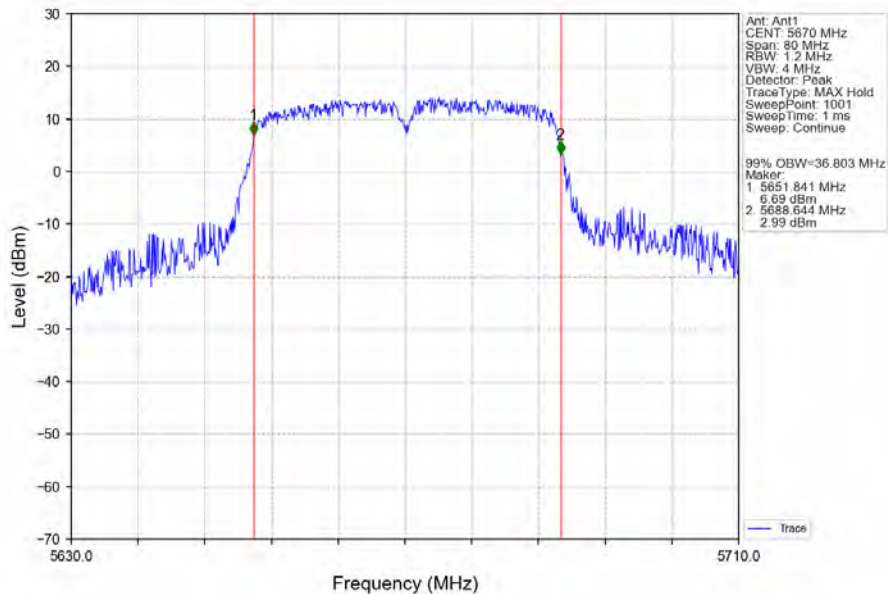
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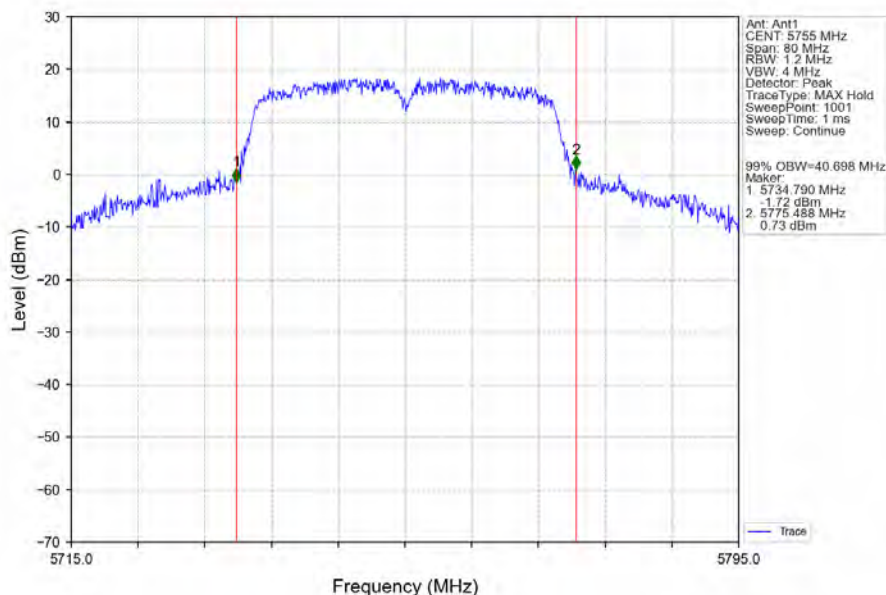
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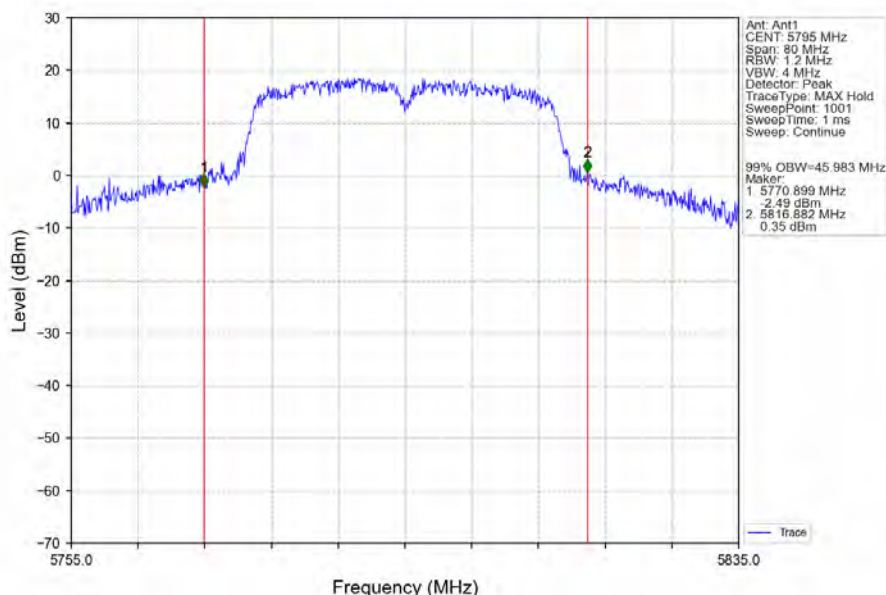
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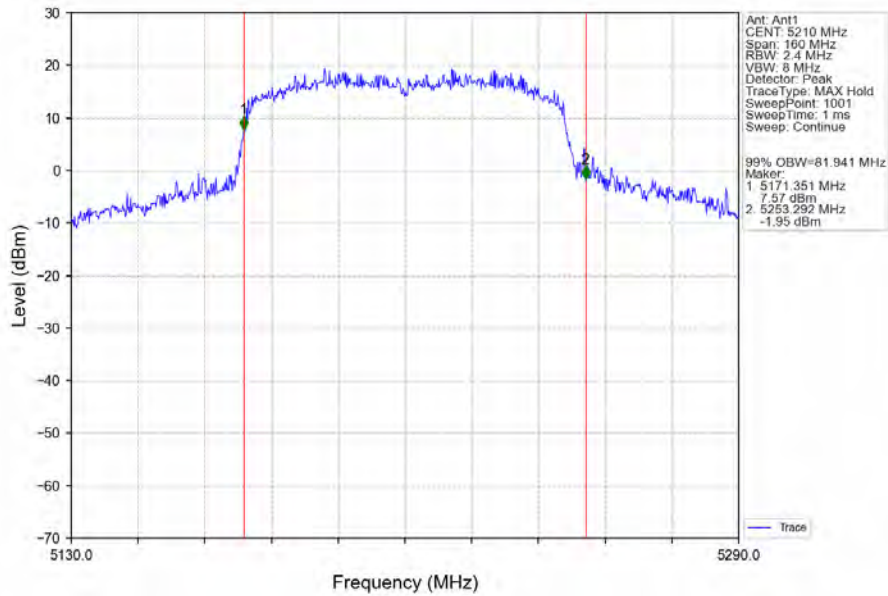
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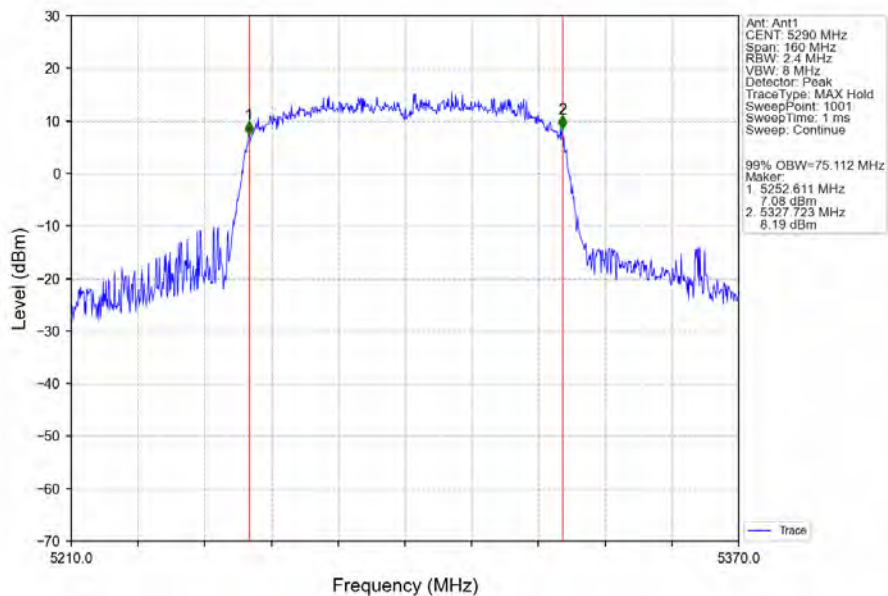
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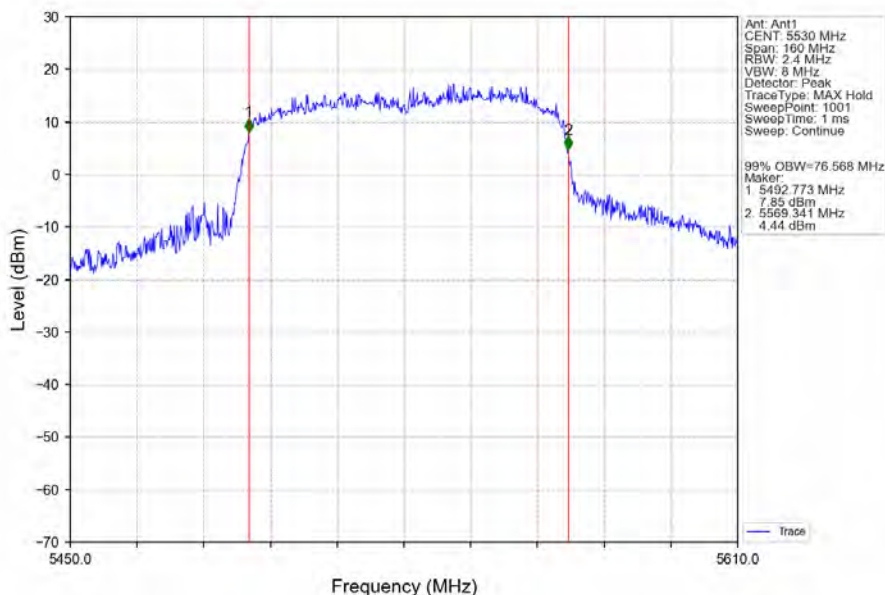
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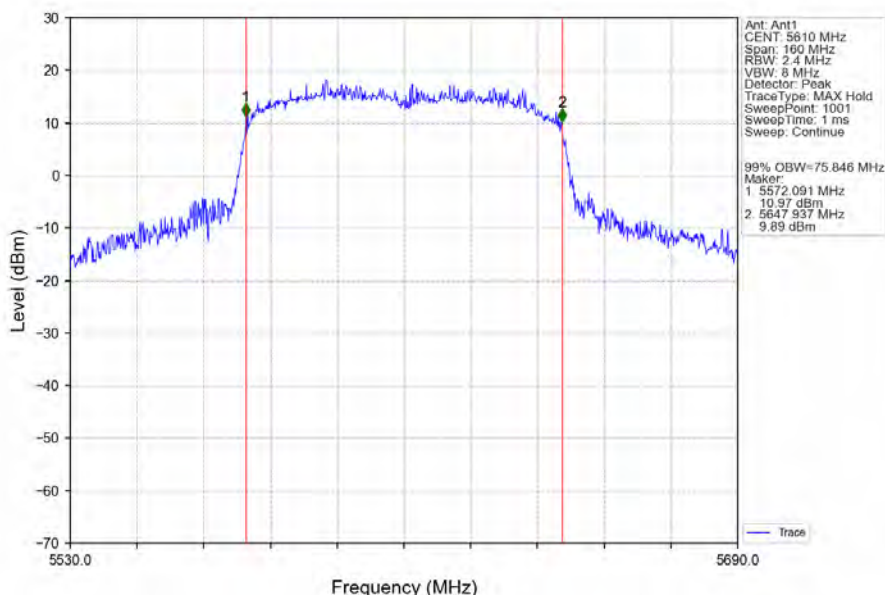
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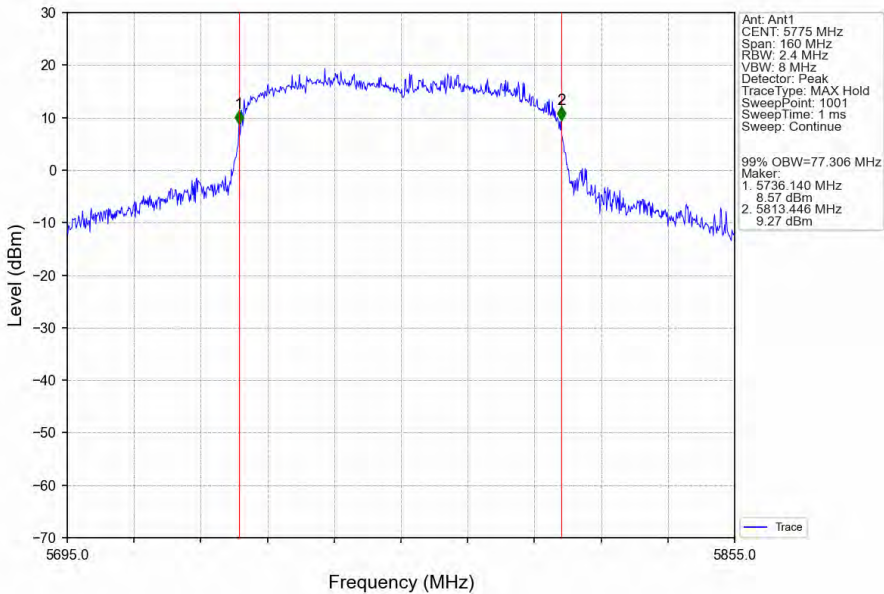
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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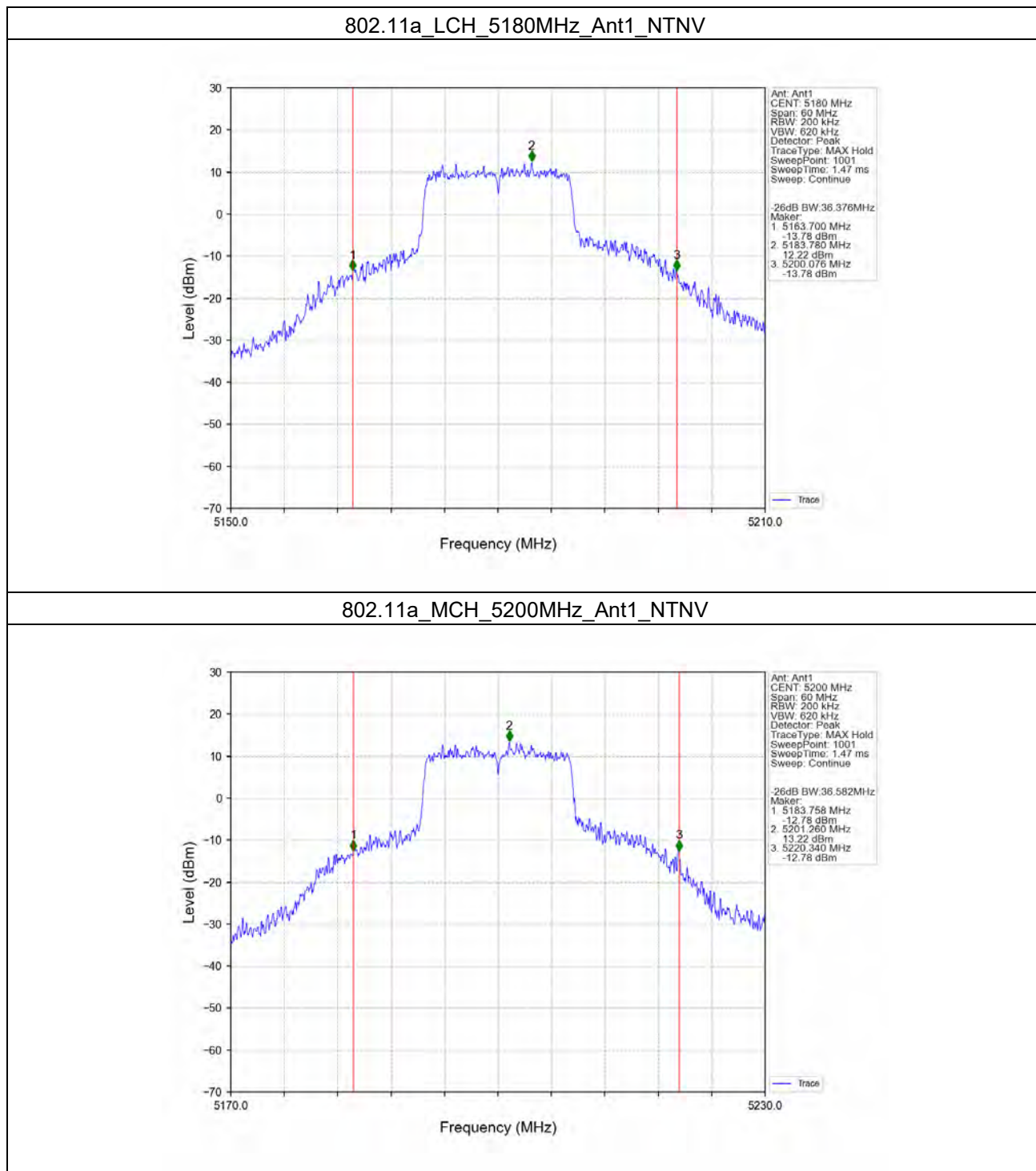


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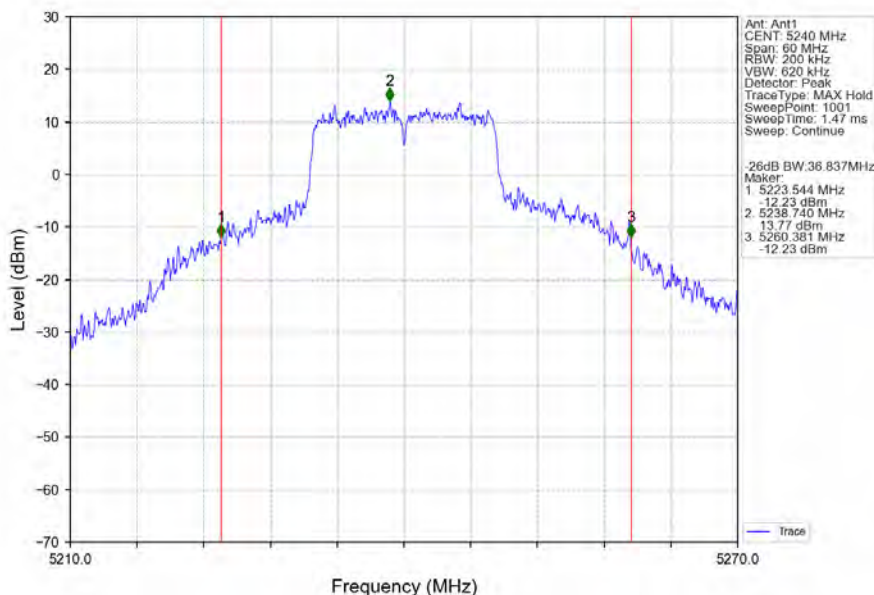
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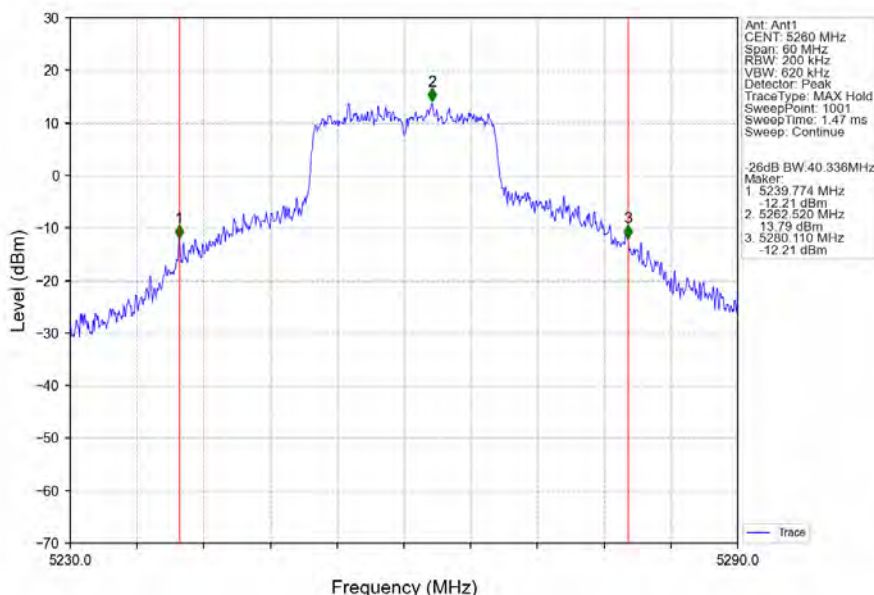
2.2.2 26dB BW



802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



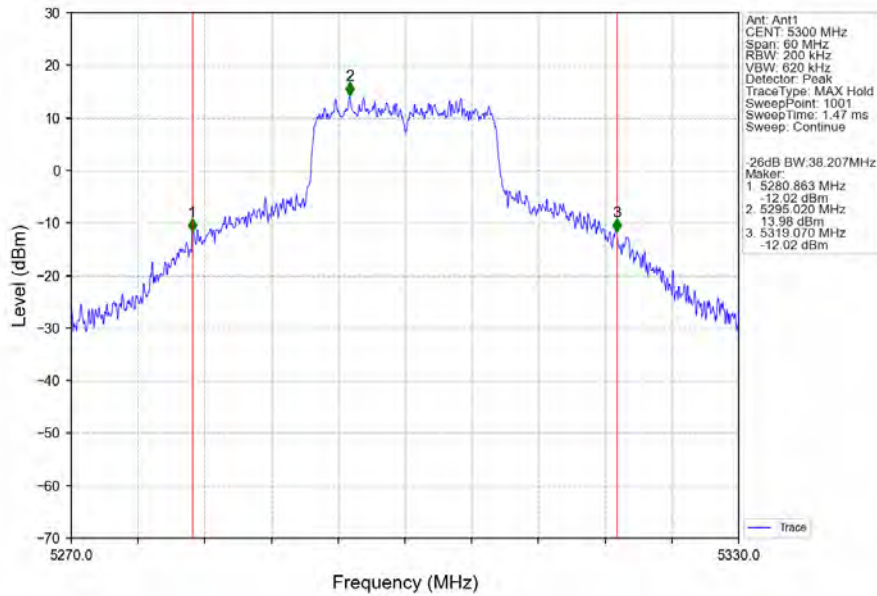
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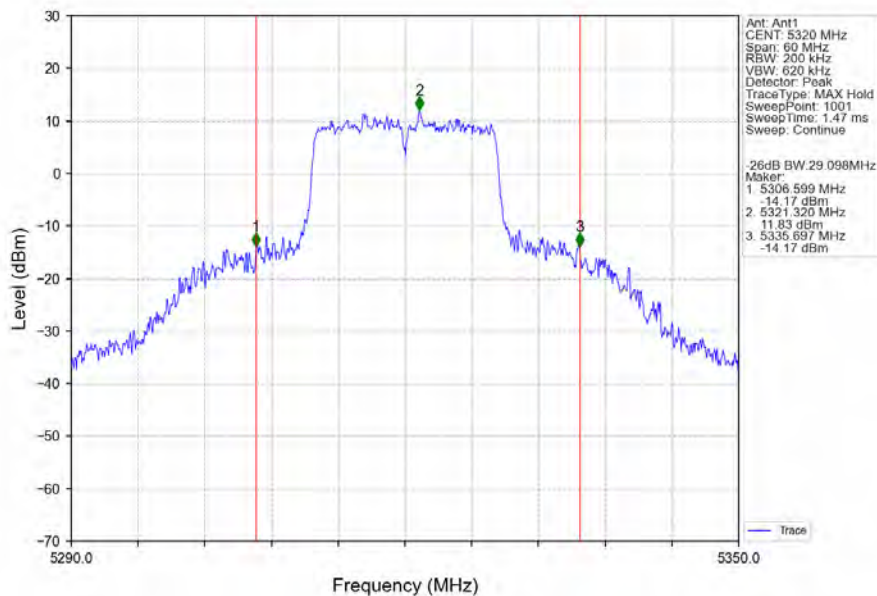
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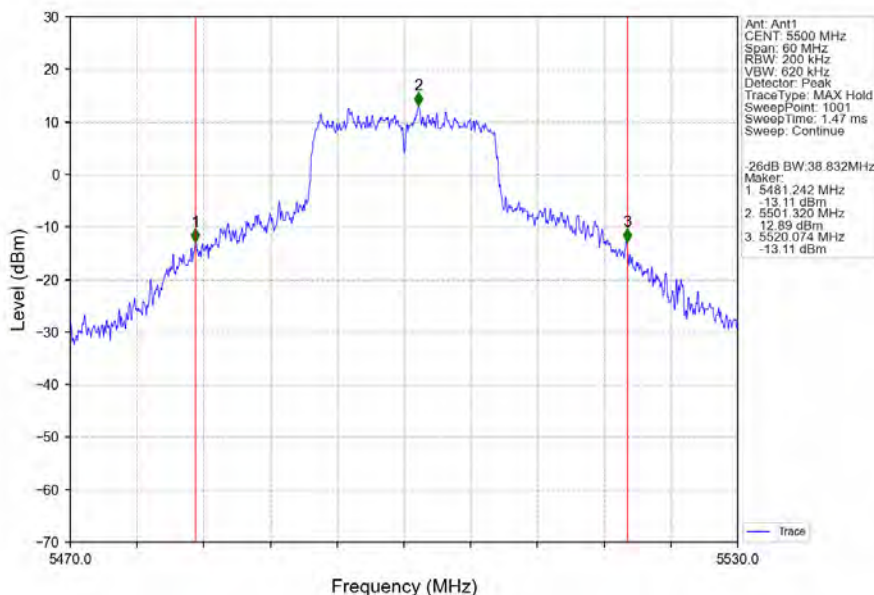
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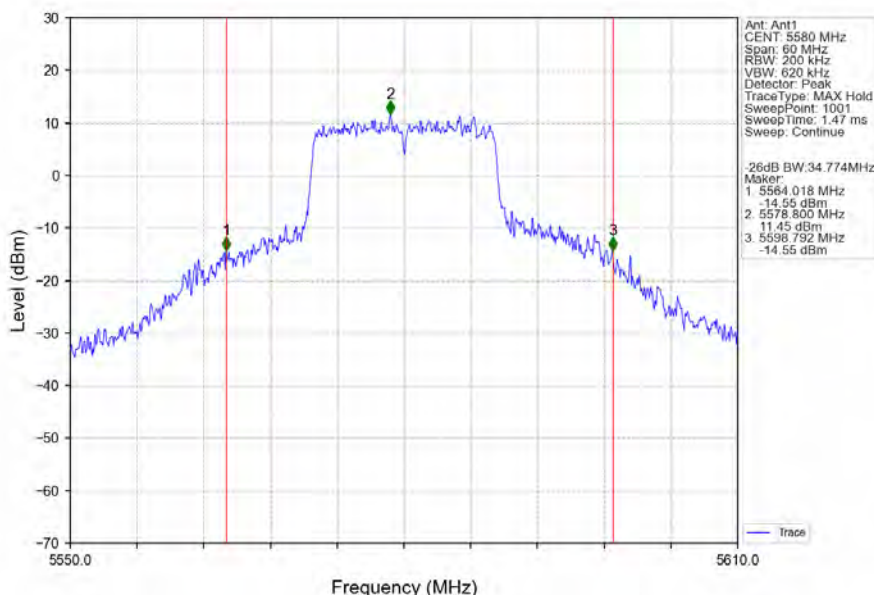
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802.11a_MCH_5580MHz_Ant1_NTNV



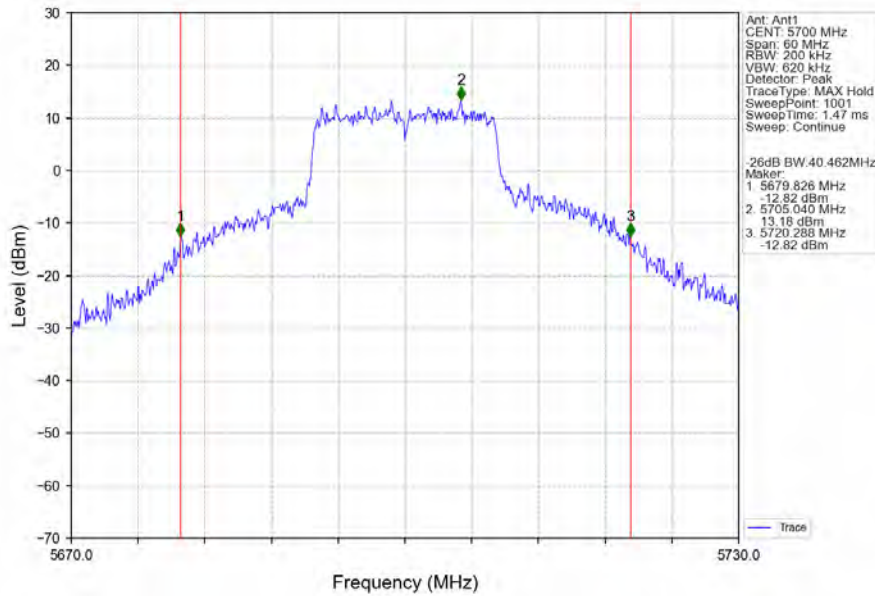
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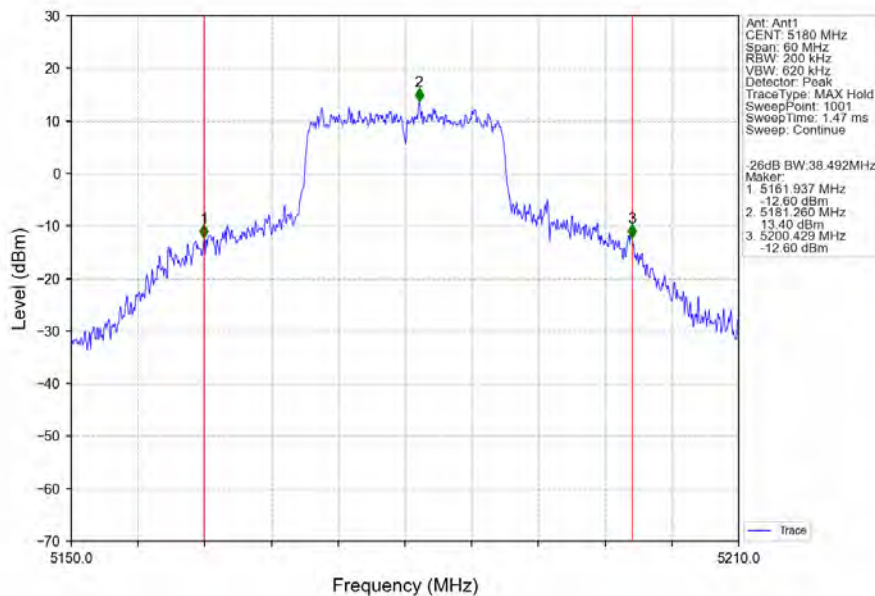
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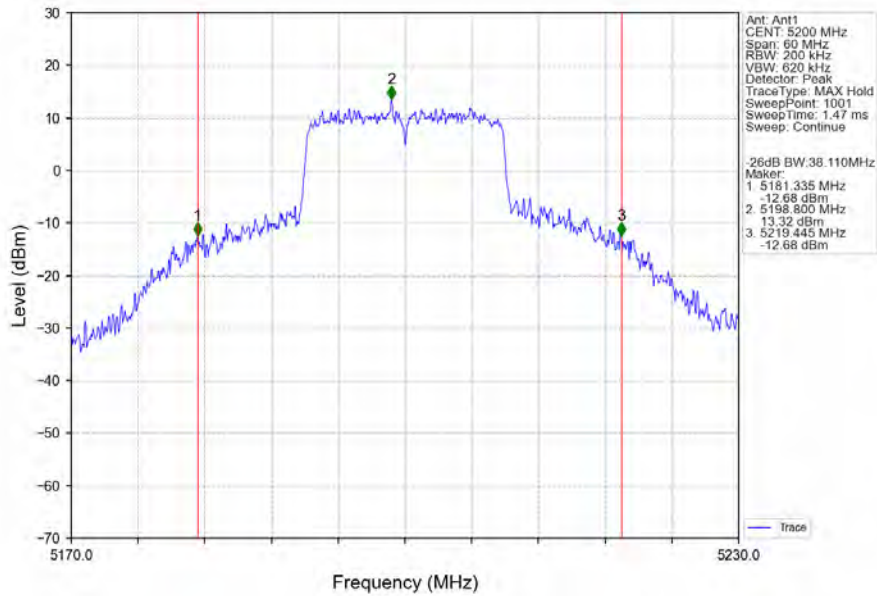
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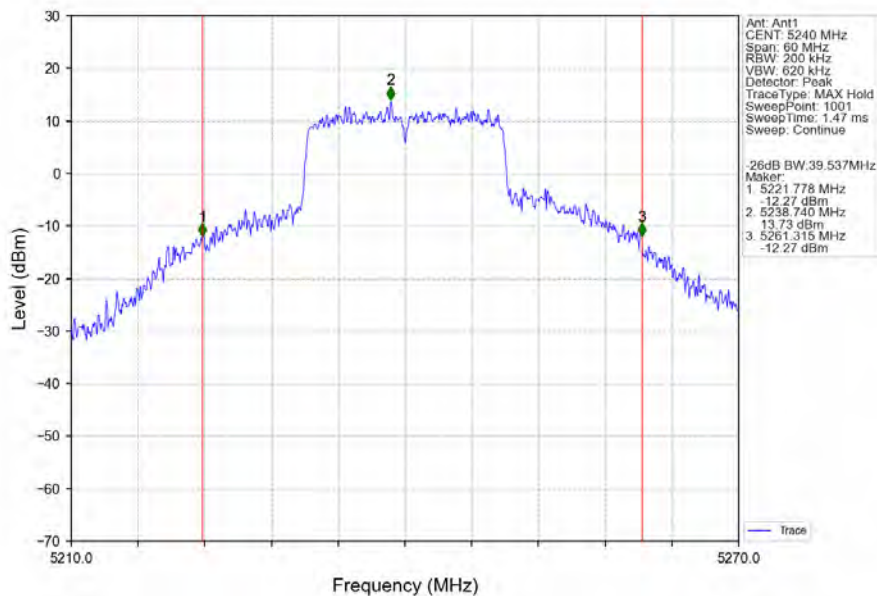
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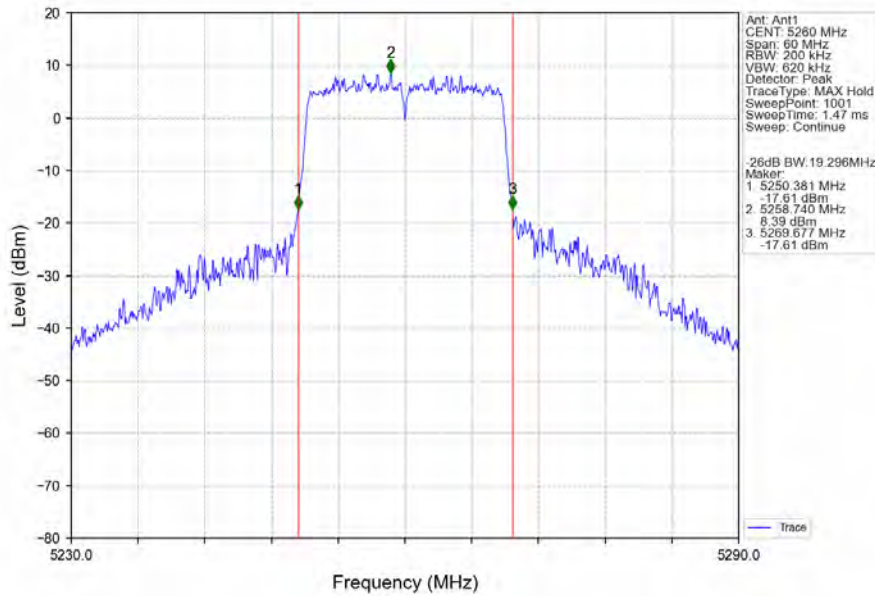
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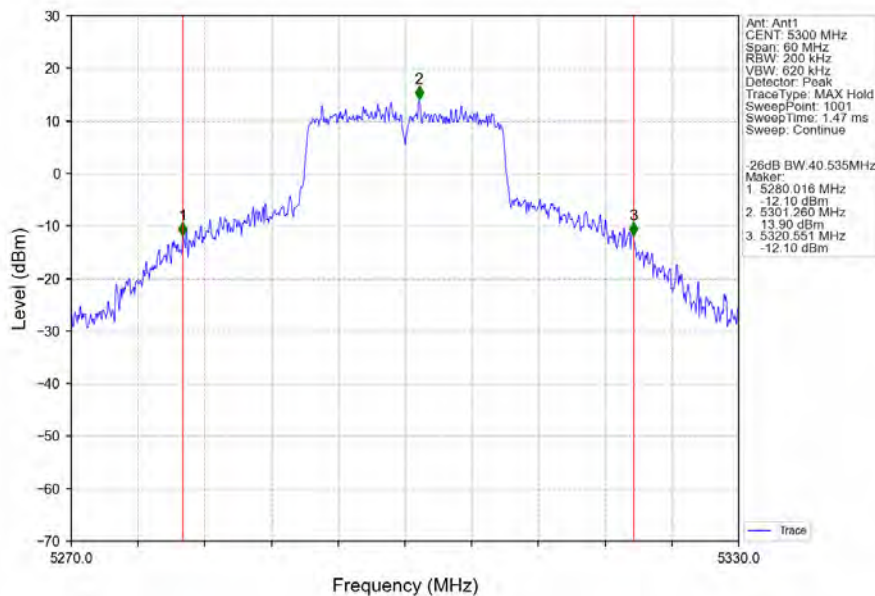
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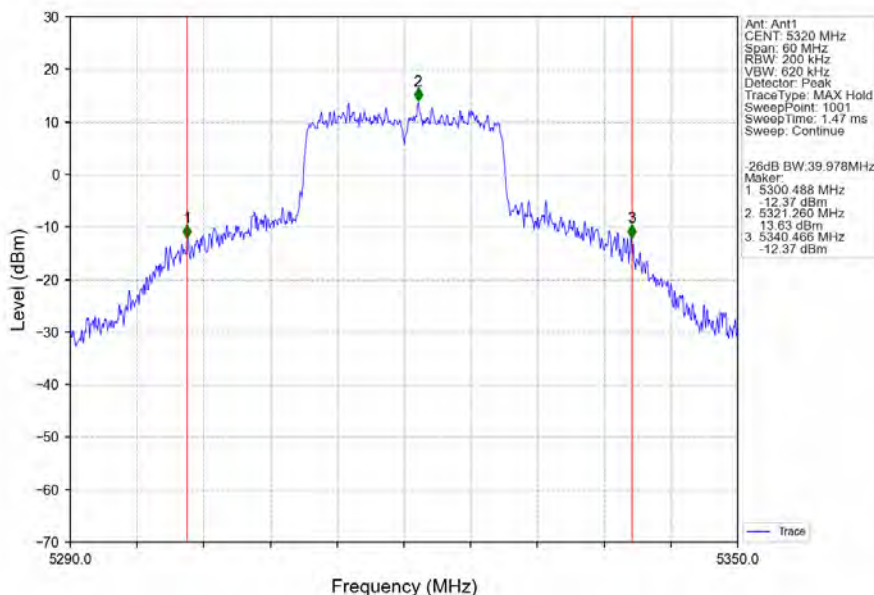
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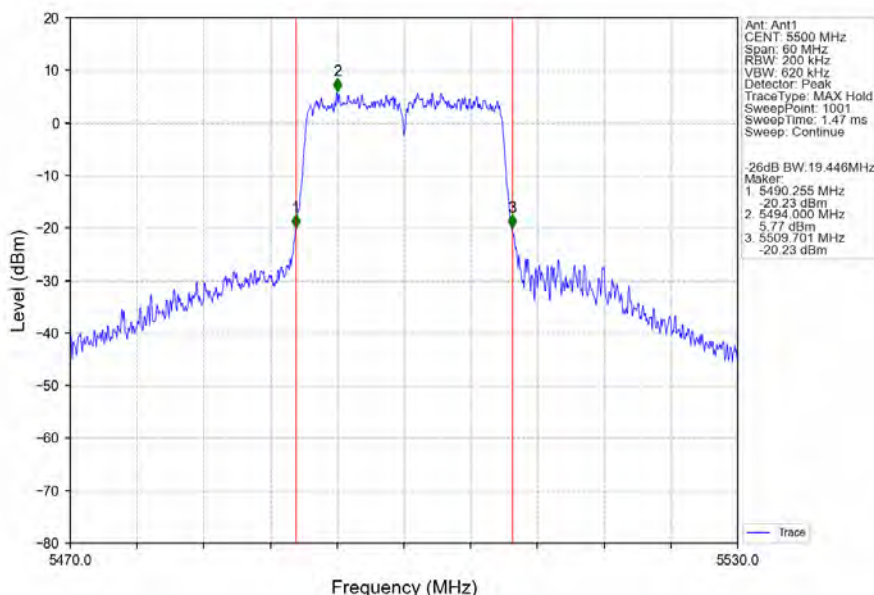
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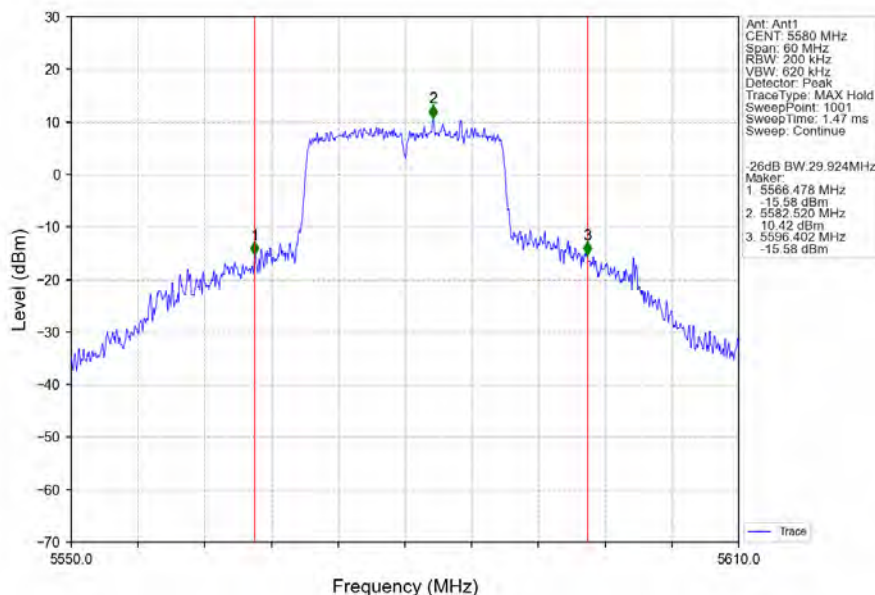
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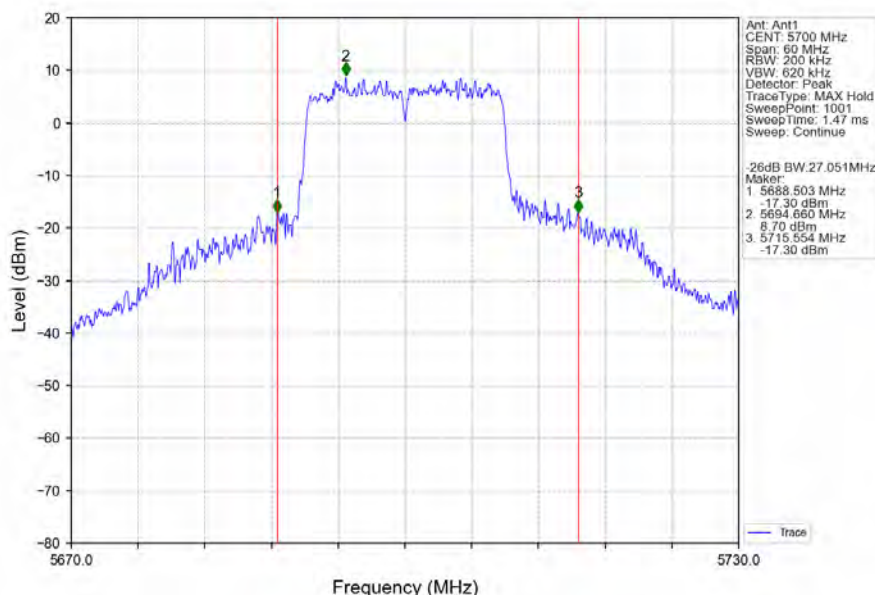
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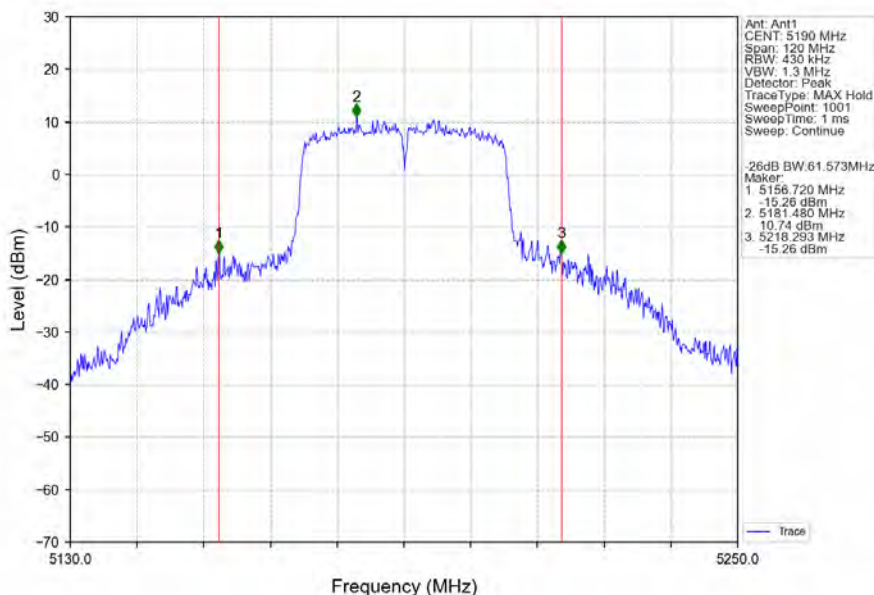
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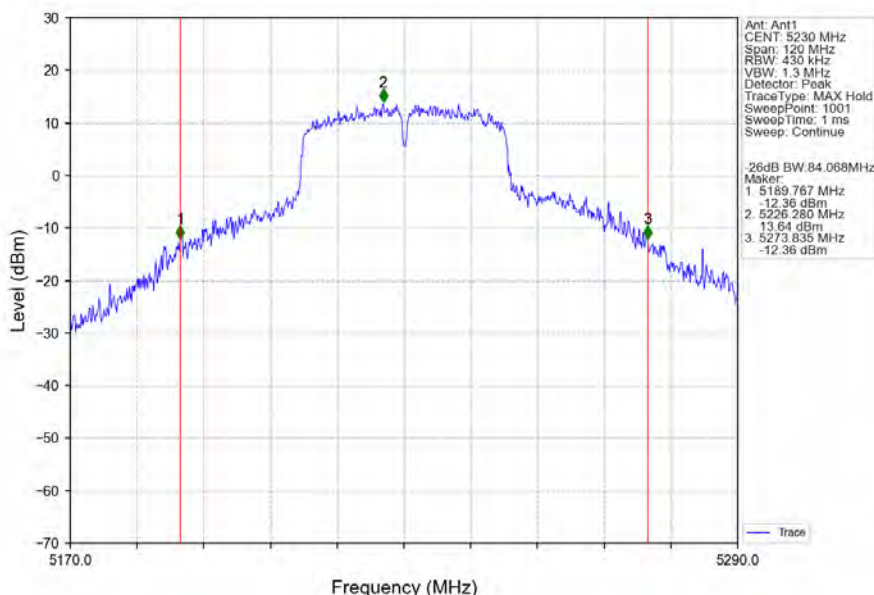
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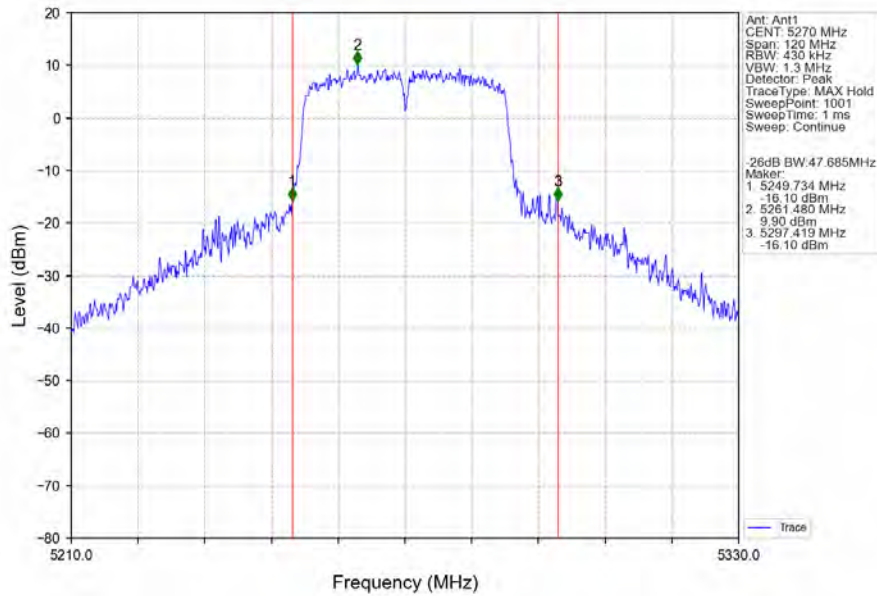
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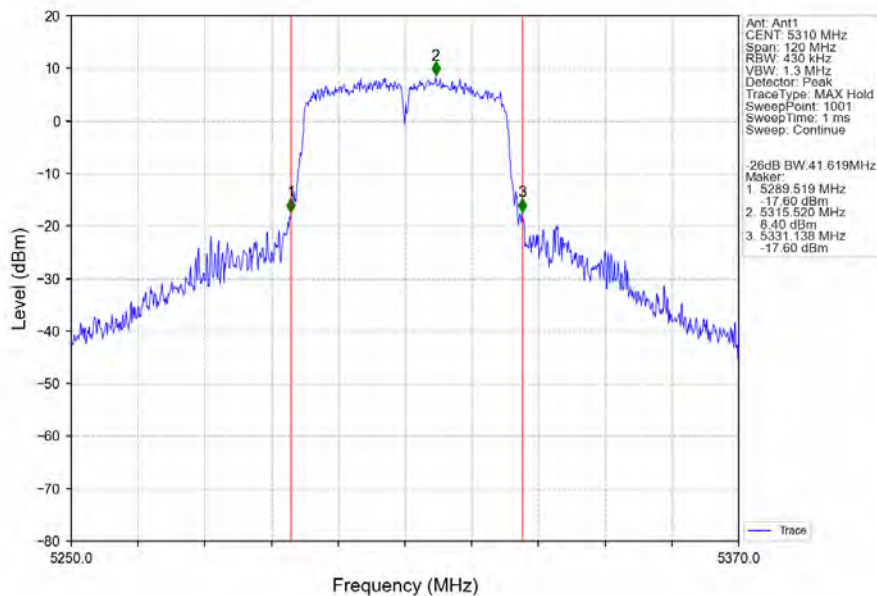
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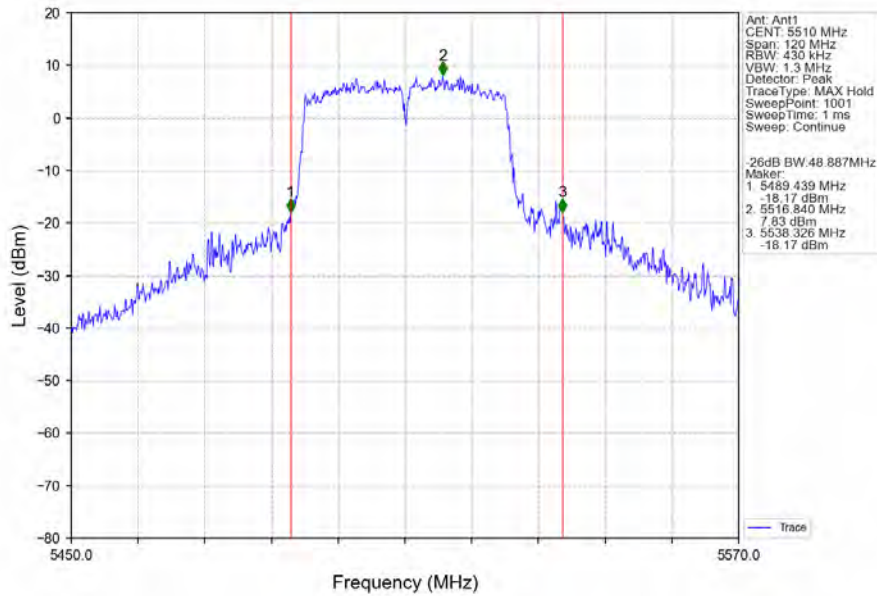
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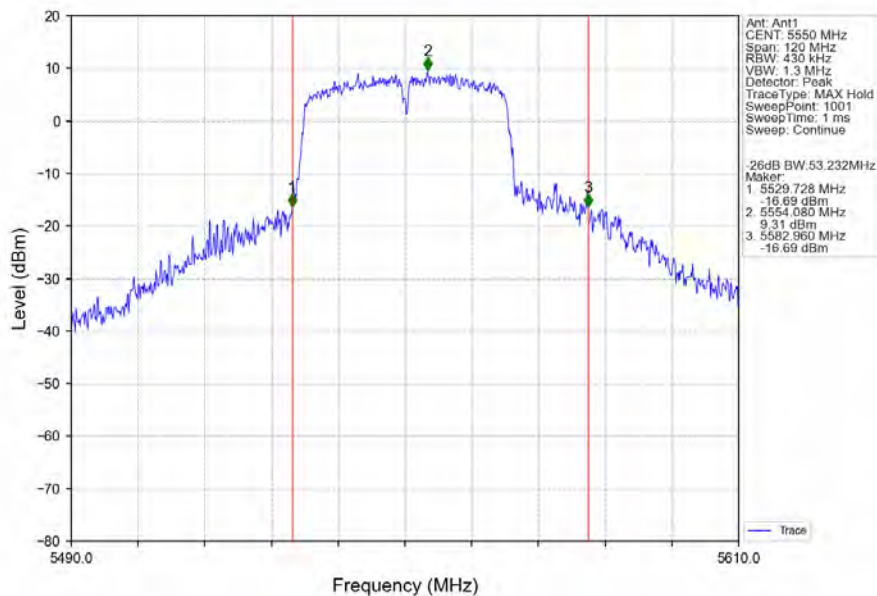
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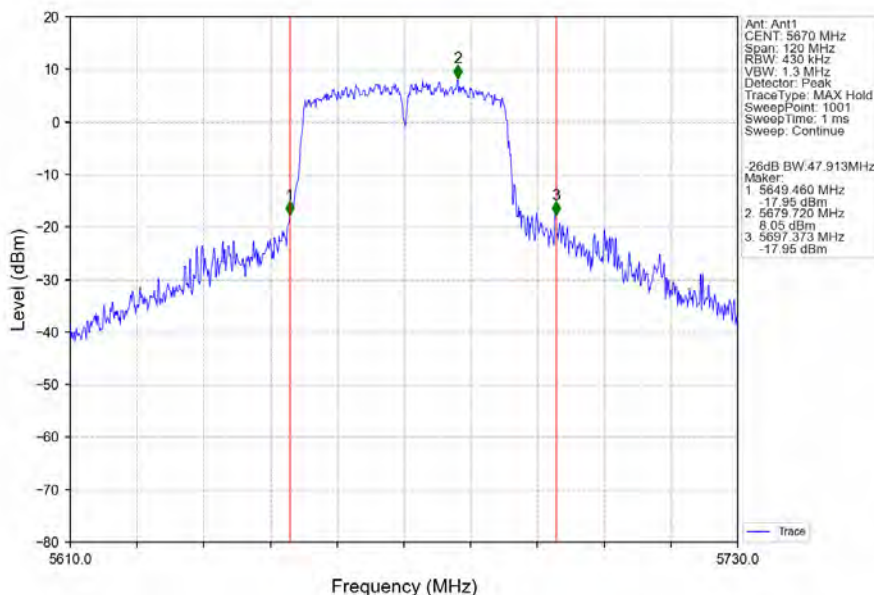
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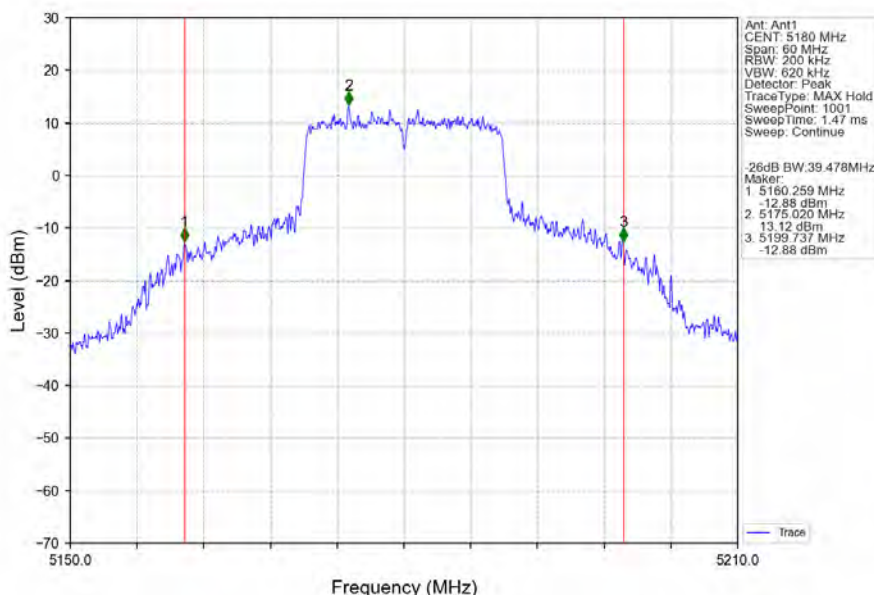
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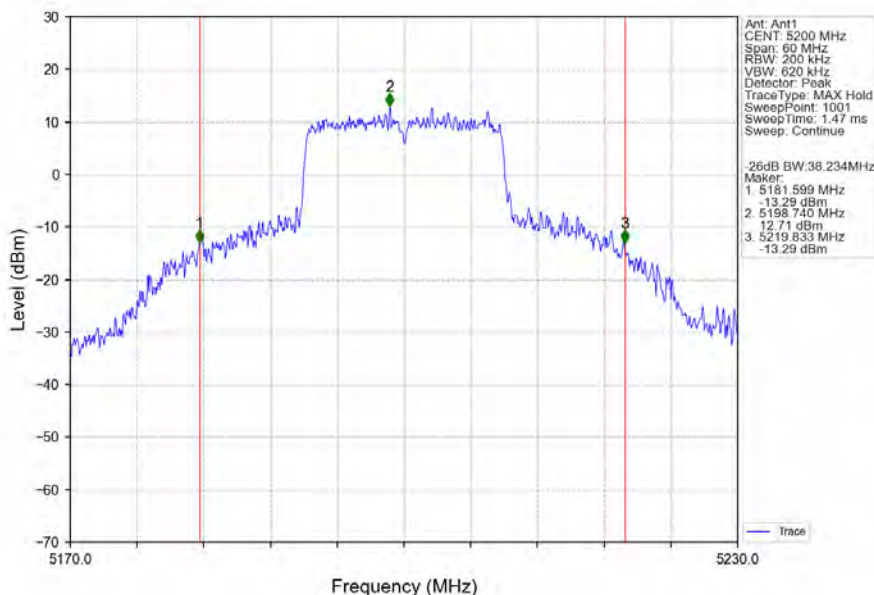
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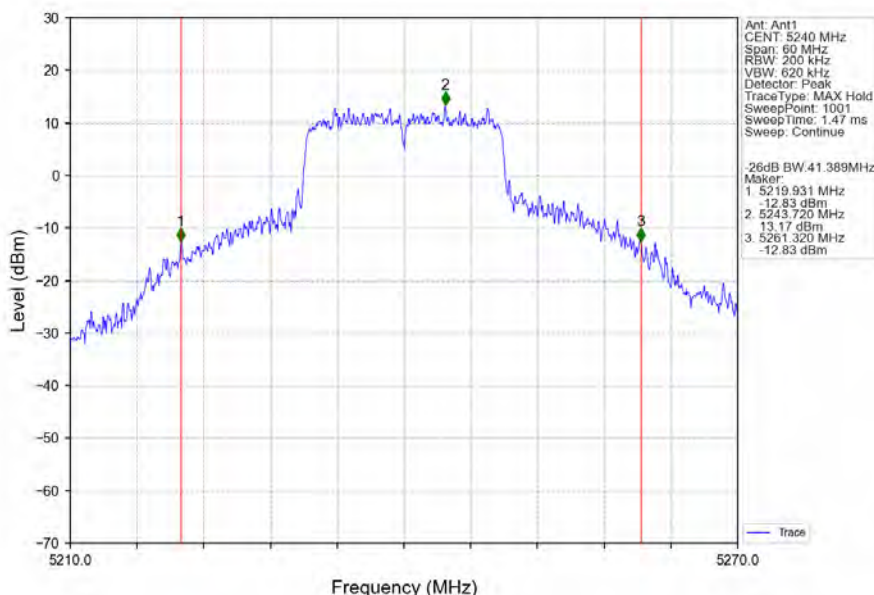
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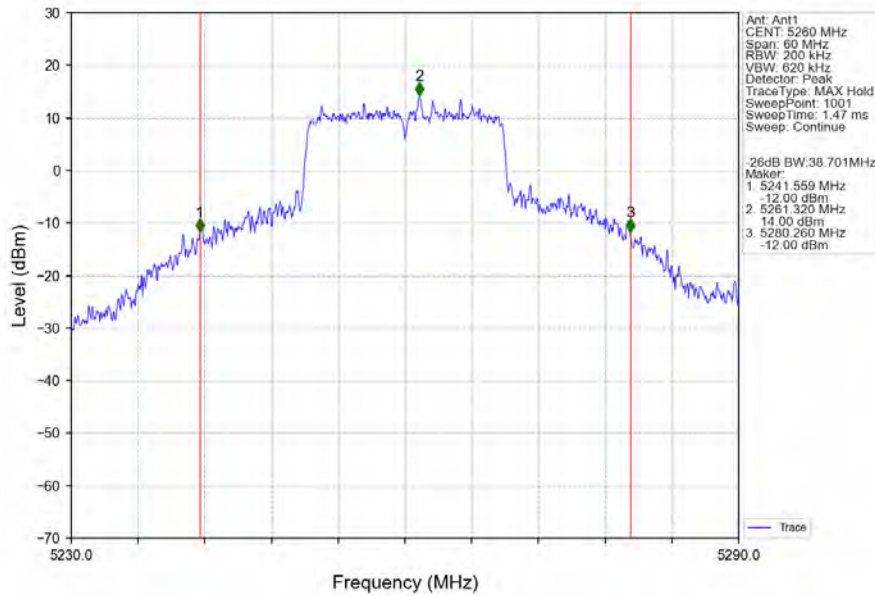
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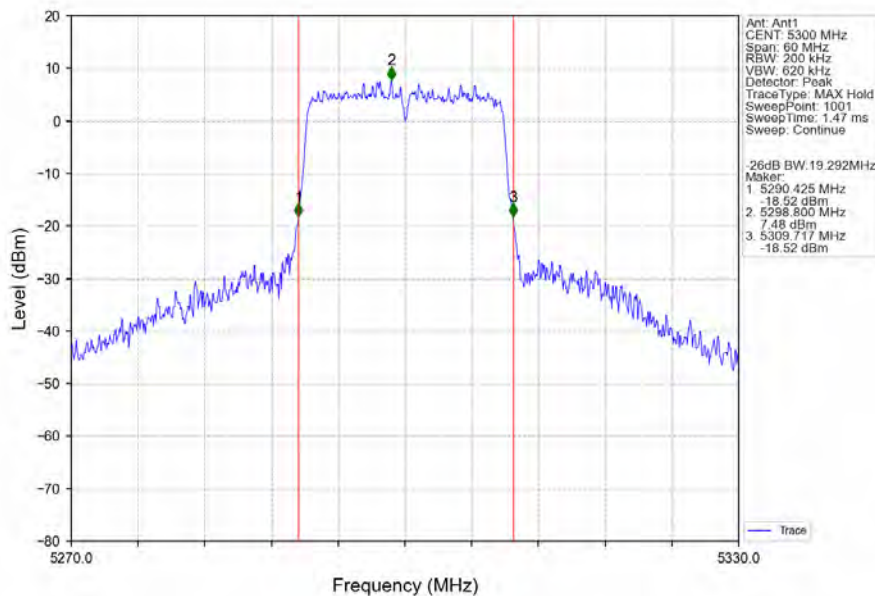
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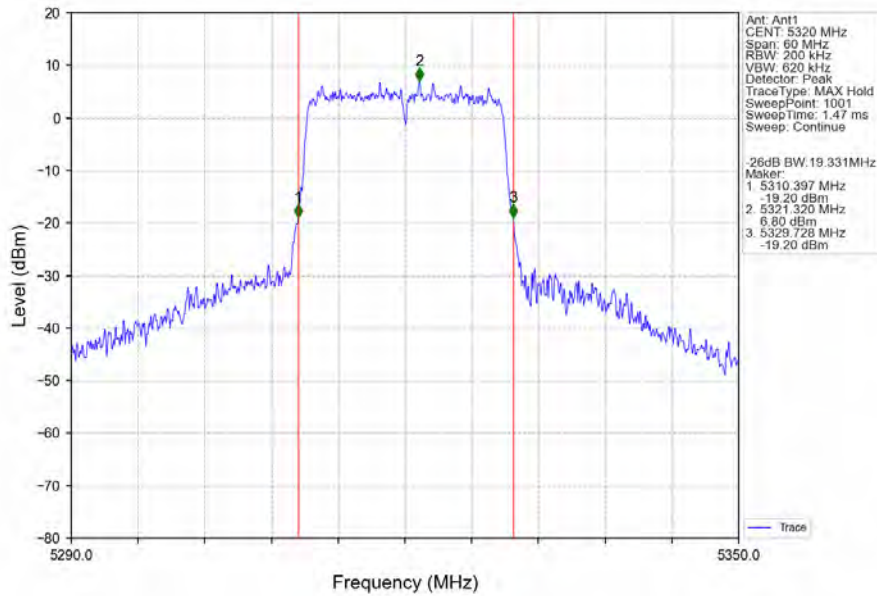
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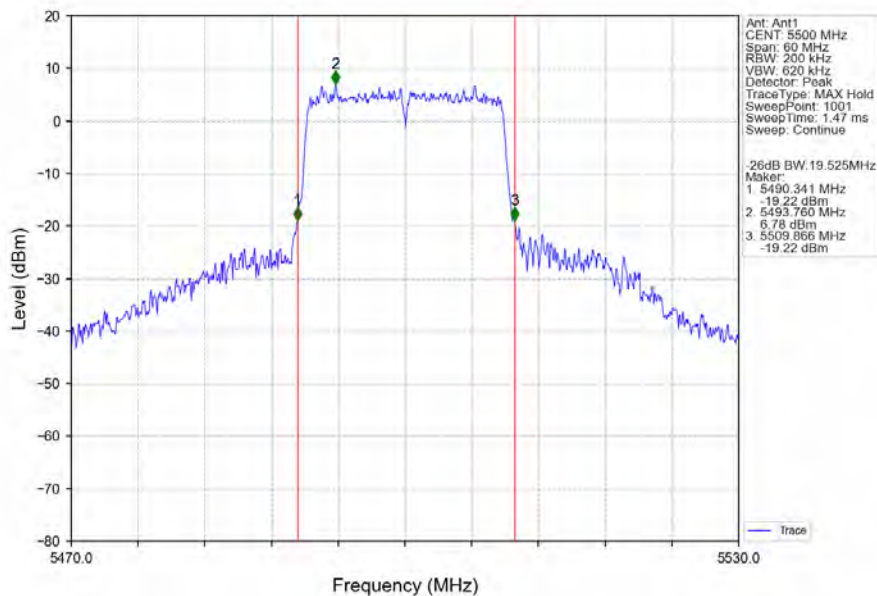
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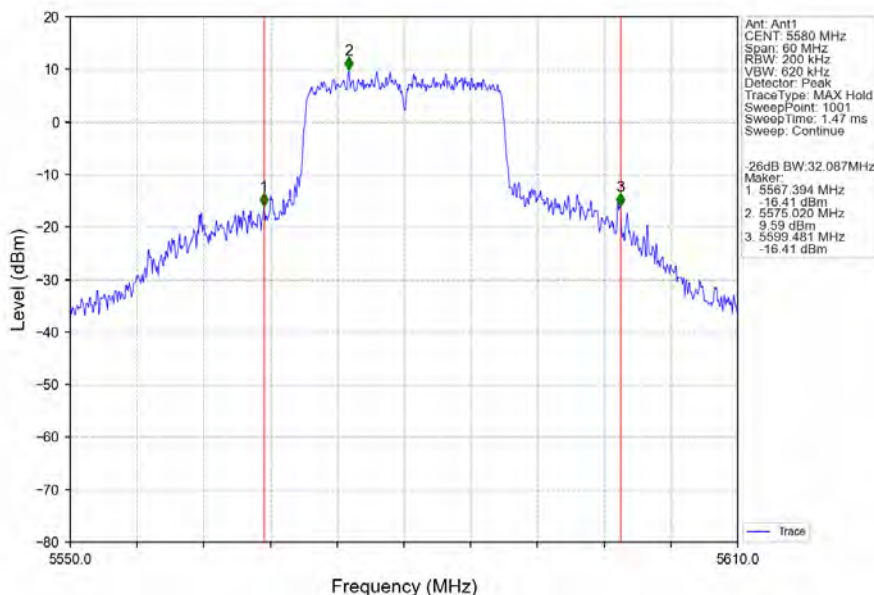
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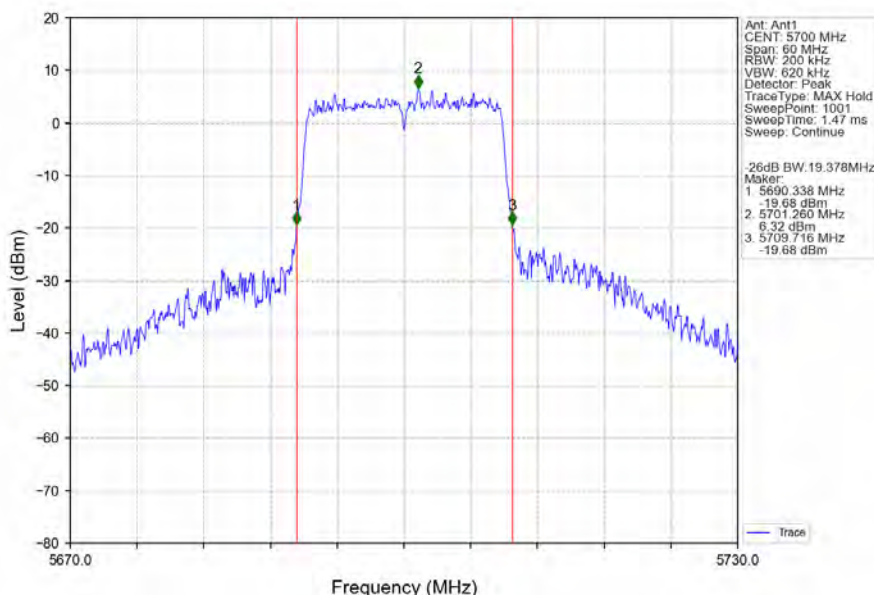
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



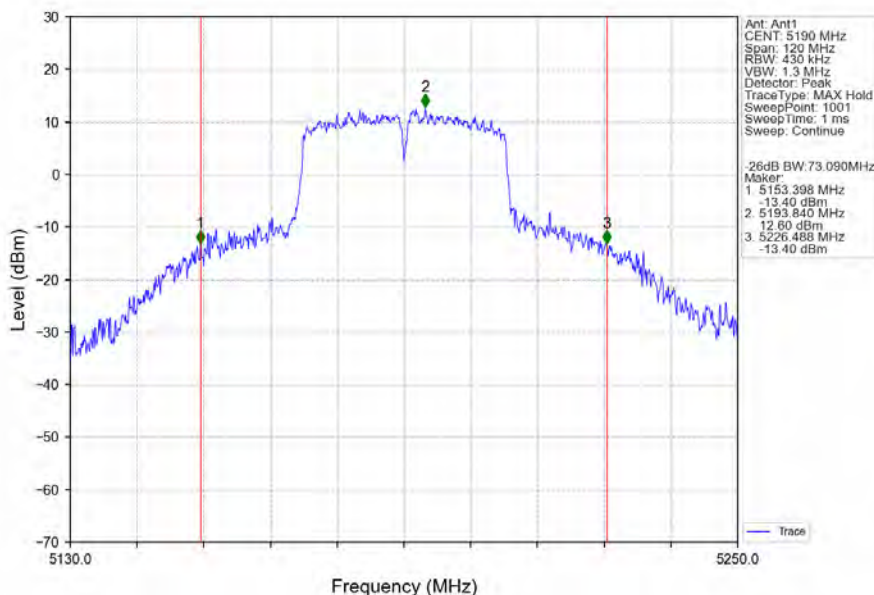
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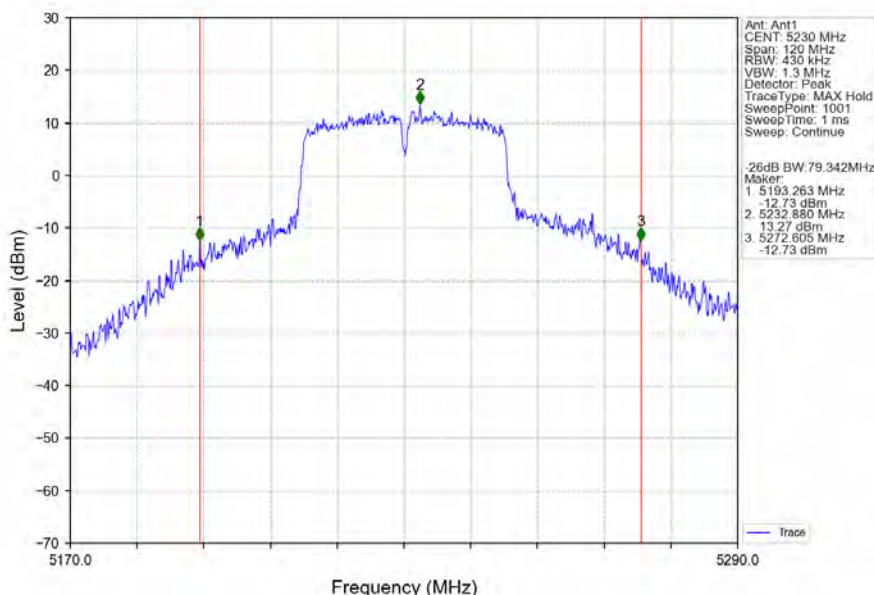
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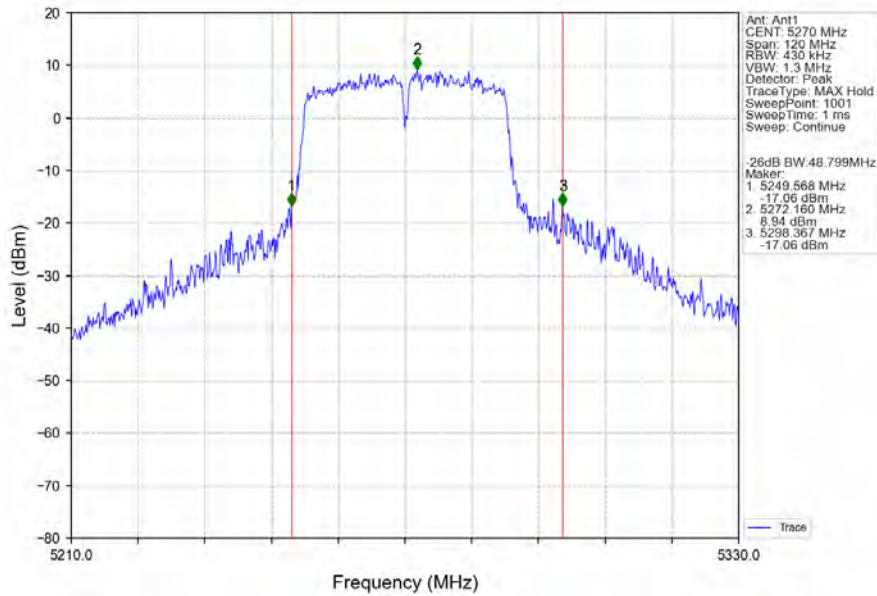
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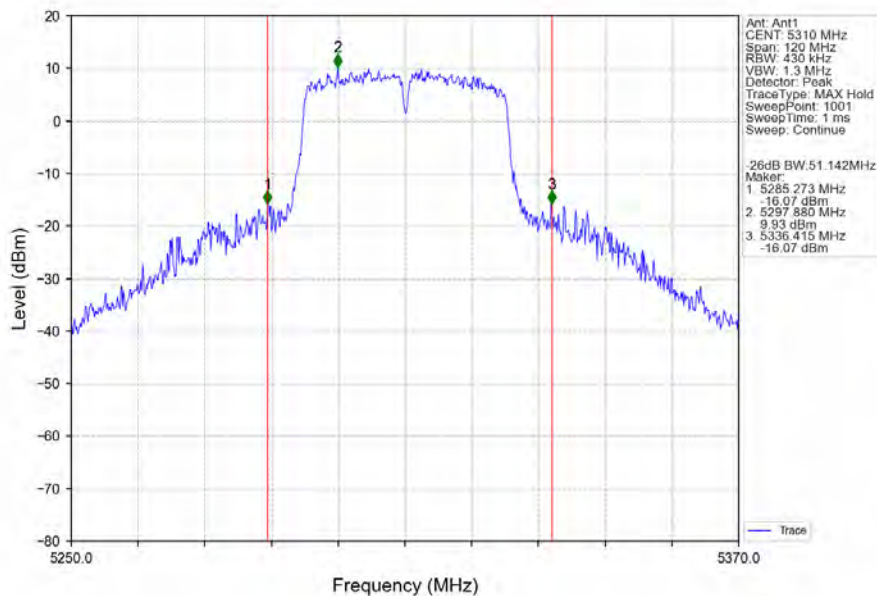
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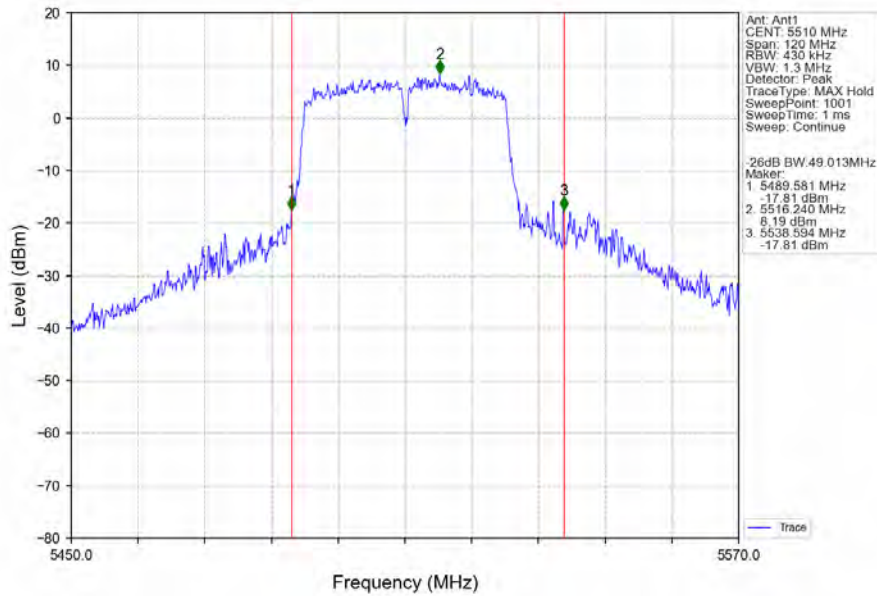
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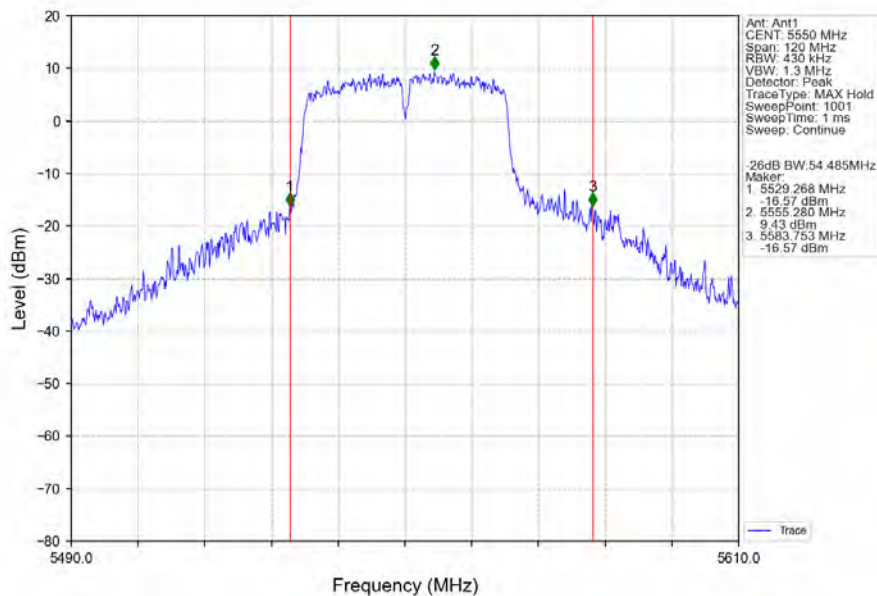
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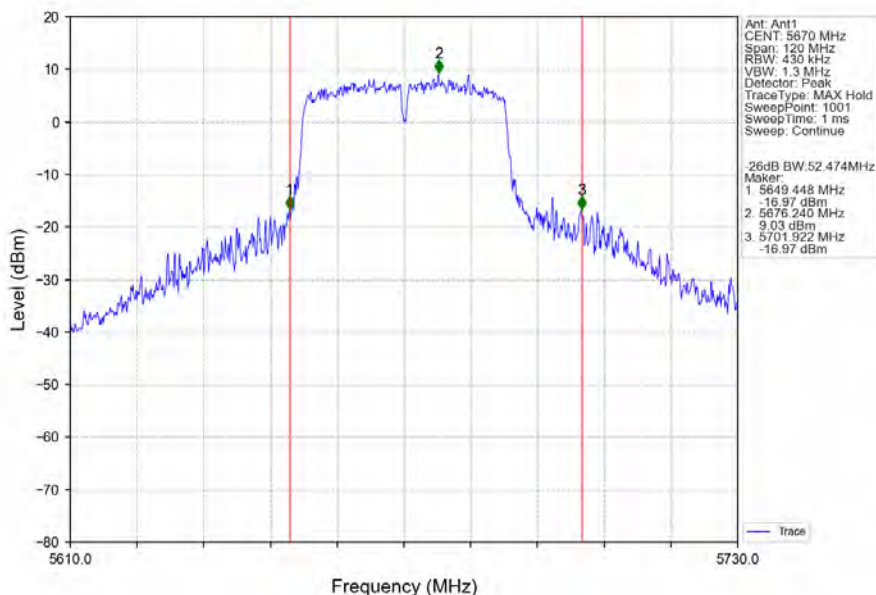
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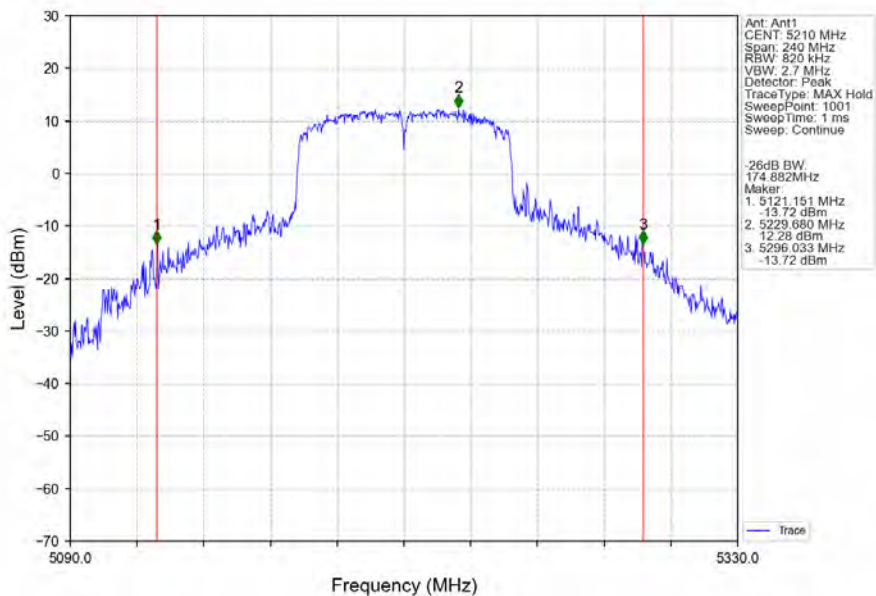
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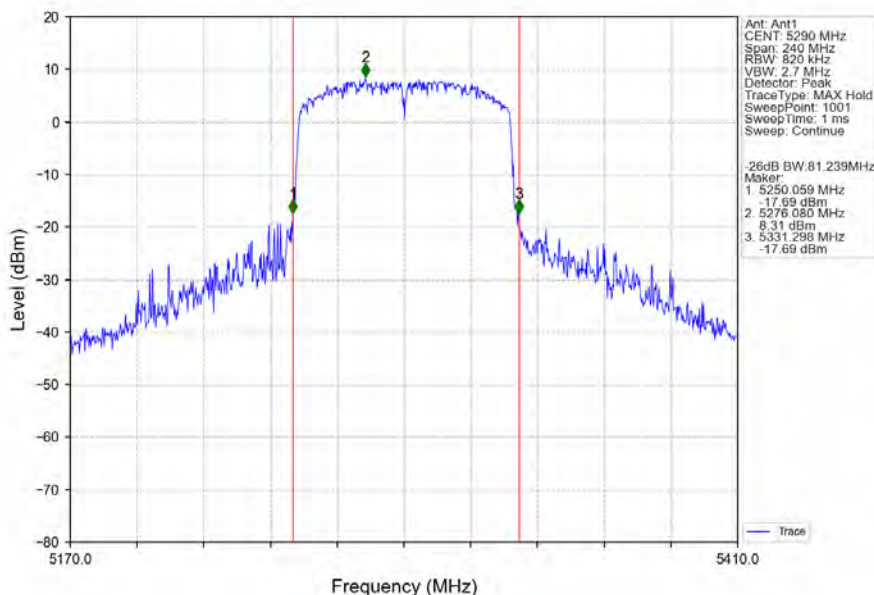
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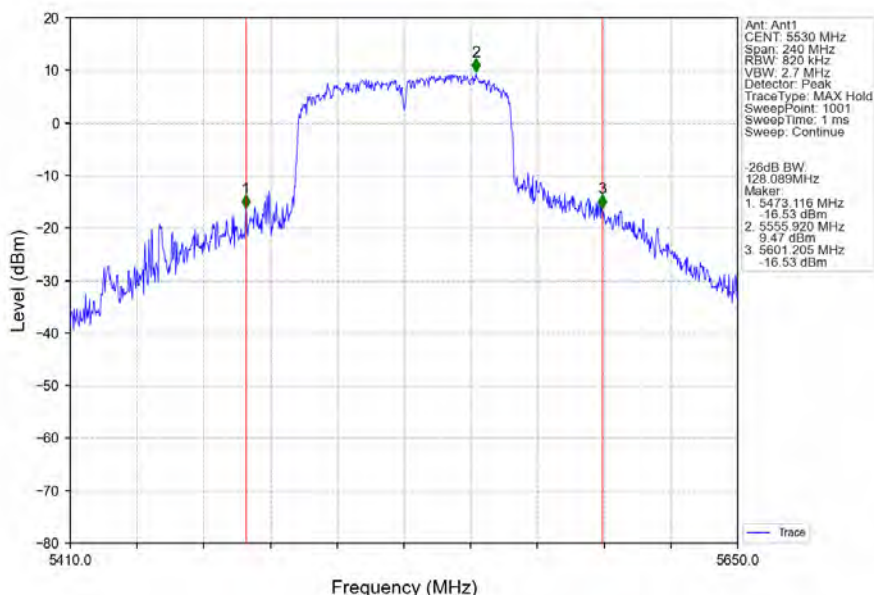
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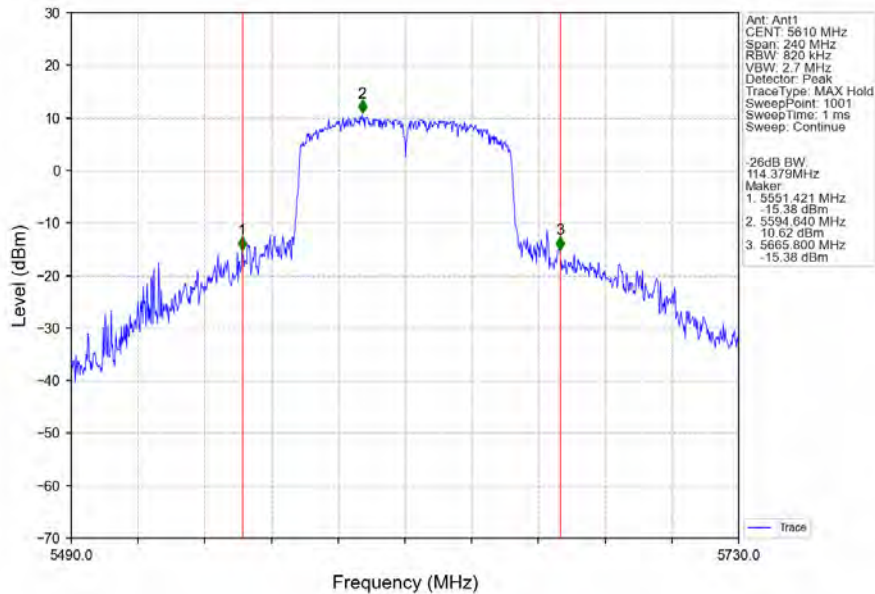
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

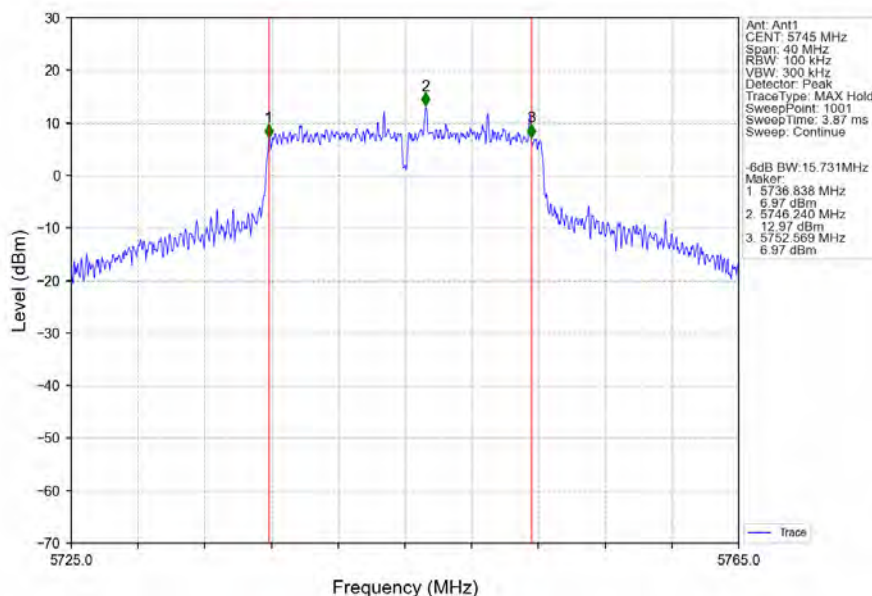


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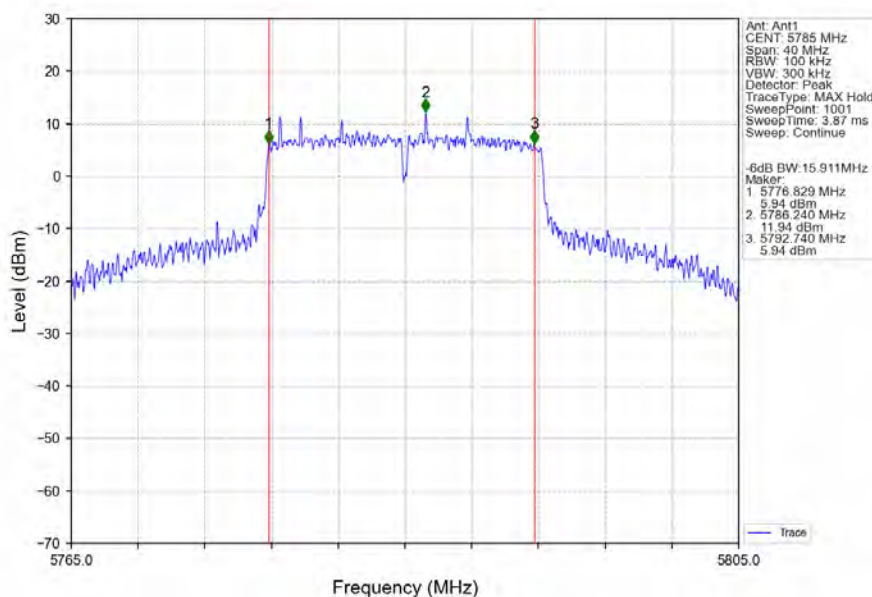
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2.2.3 6dB BW

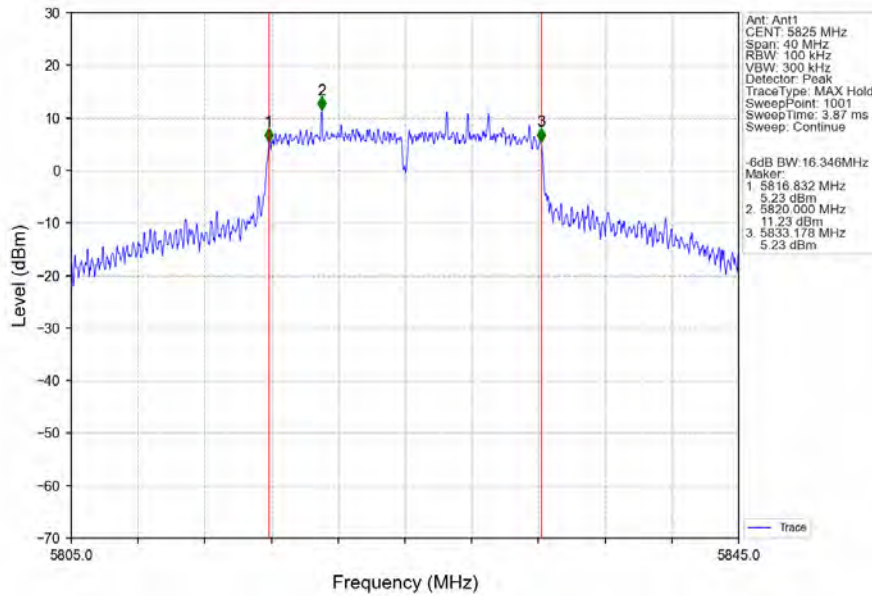
802.11a_LCH_5745MHz_Ant1_NTNV



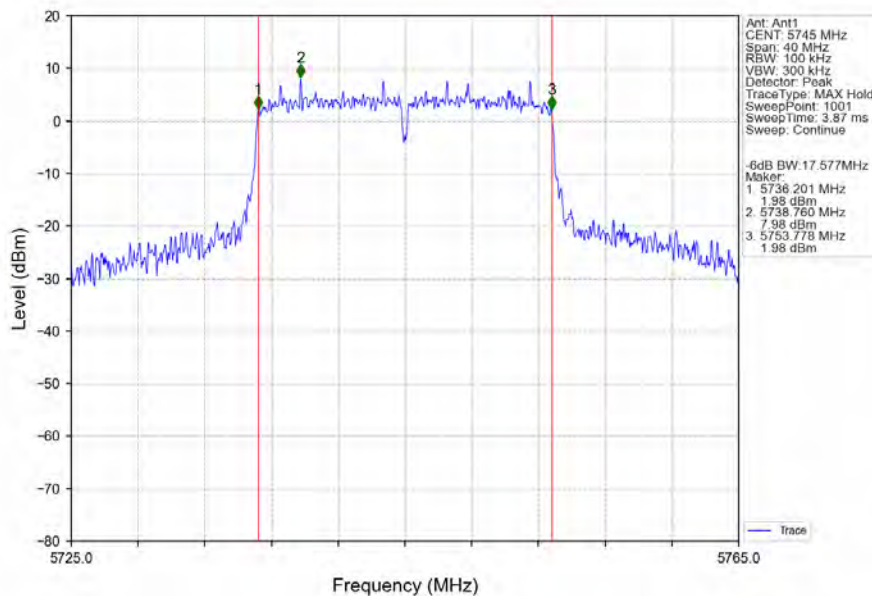
802.11a_MCH_5785MHz_Ant1_NTNV



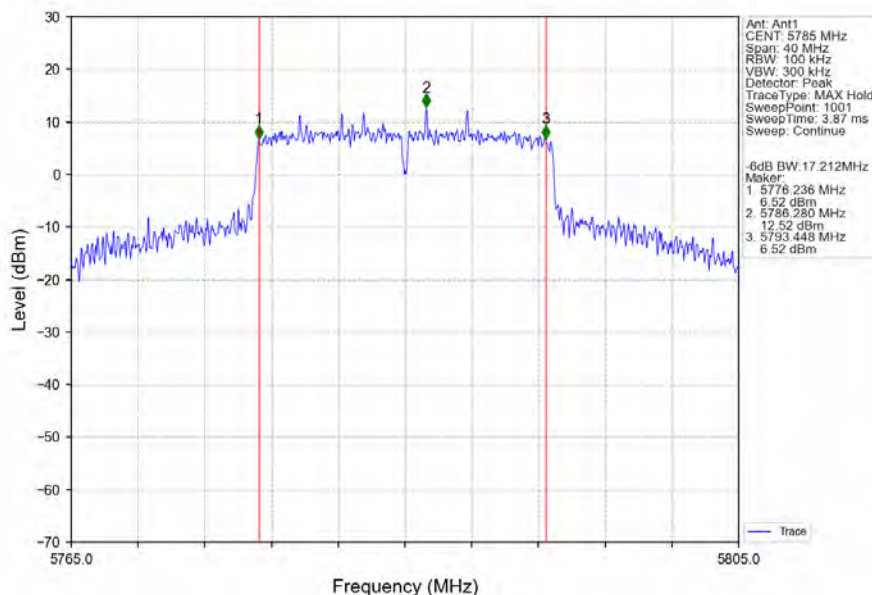
802.11a_HCH_5825MHz_Ant1_NTNV



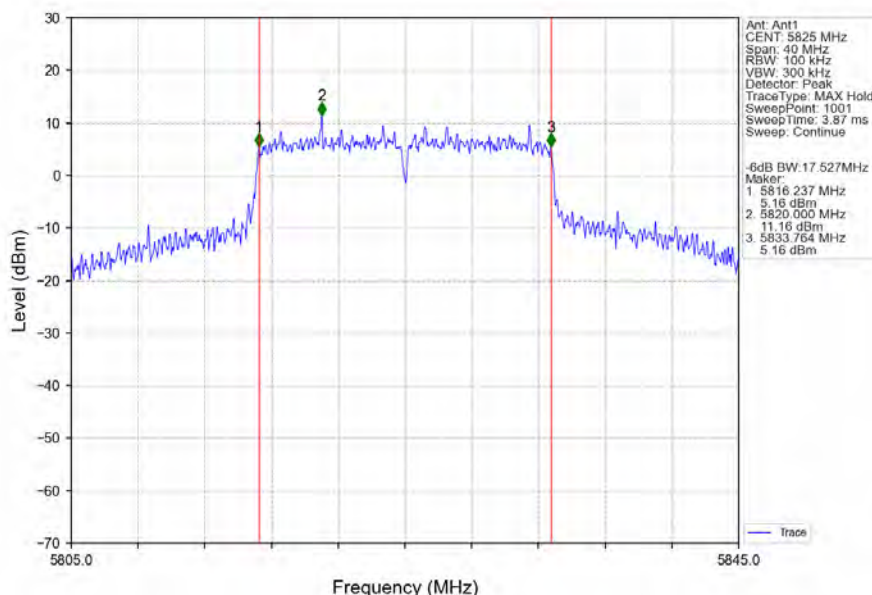
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



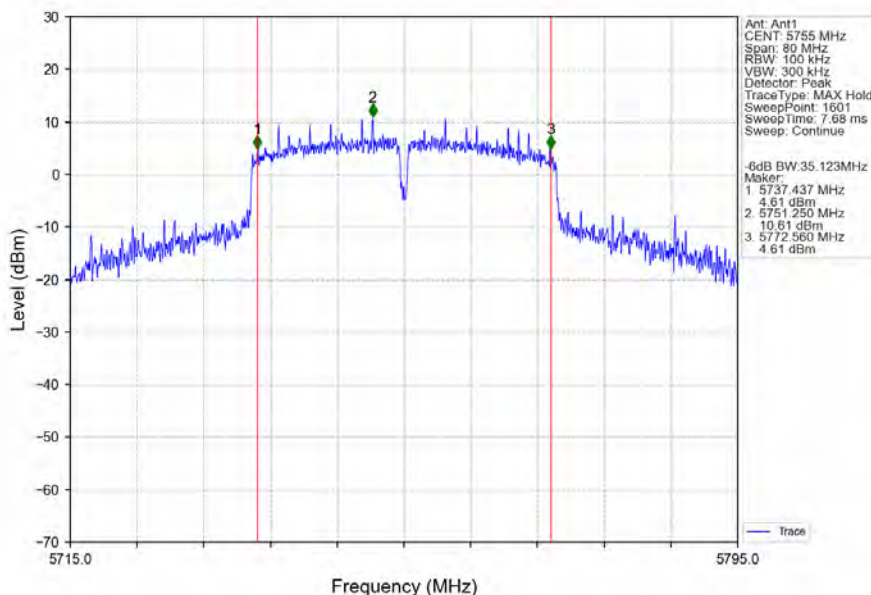
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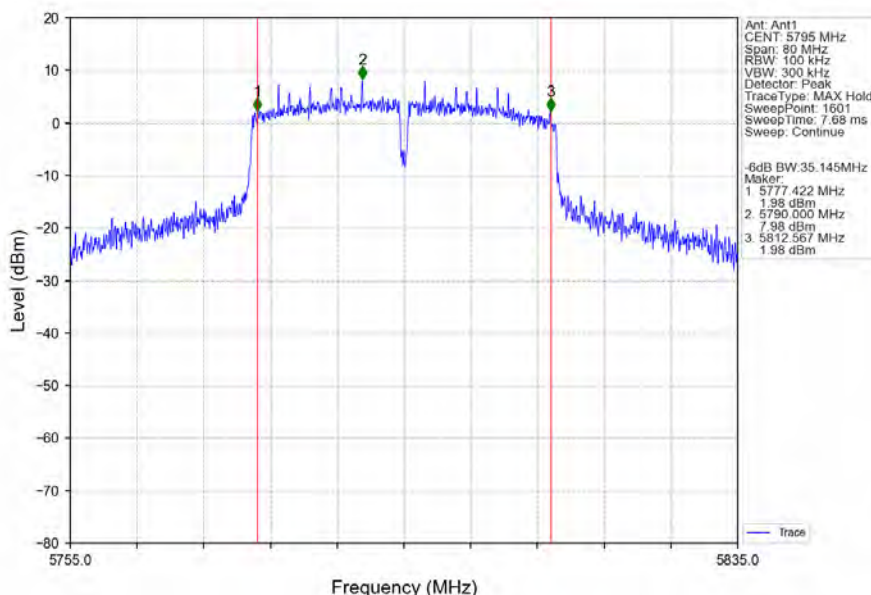
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



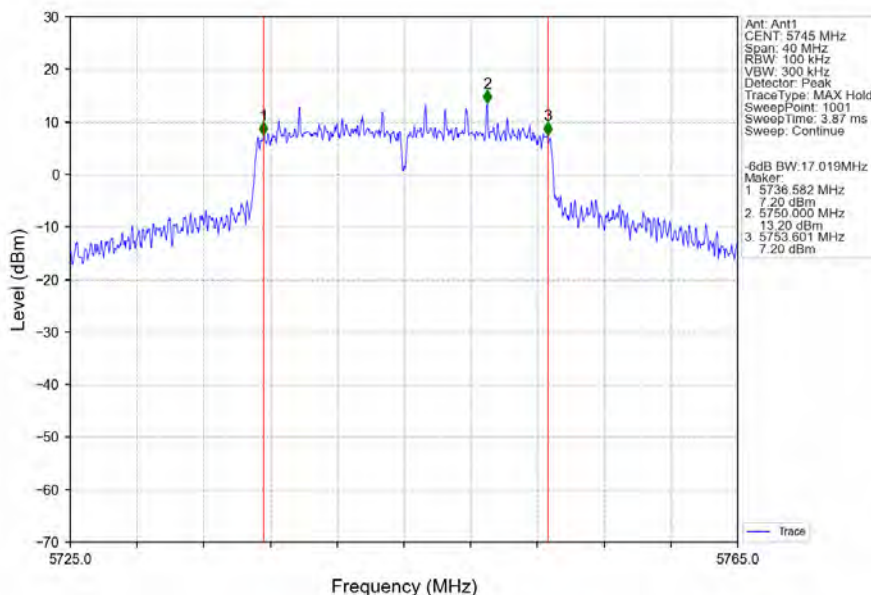
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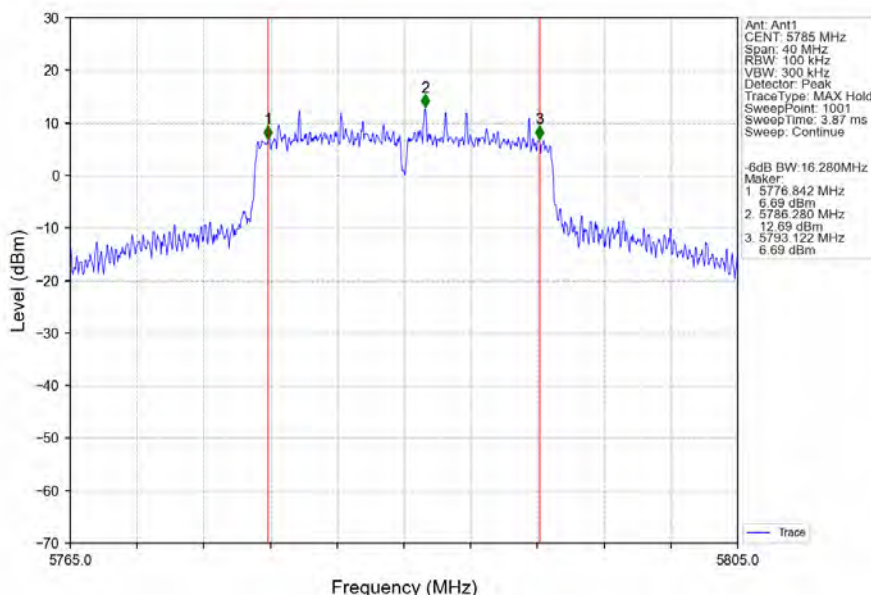
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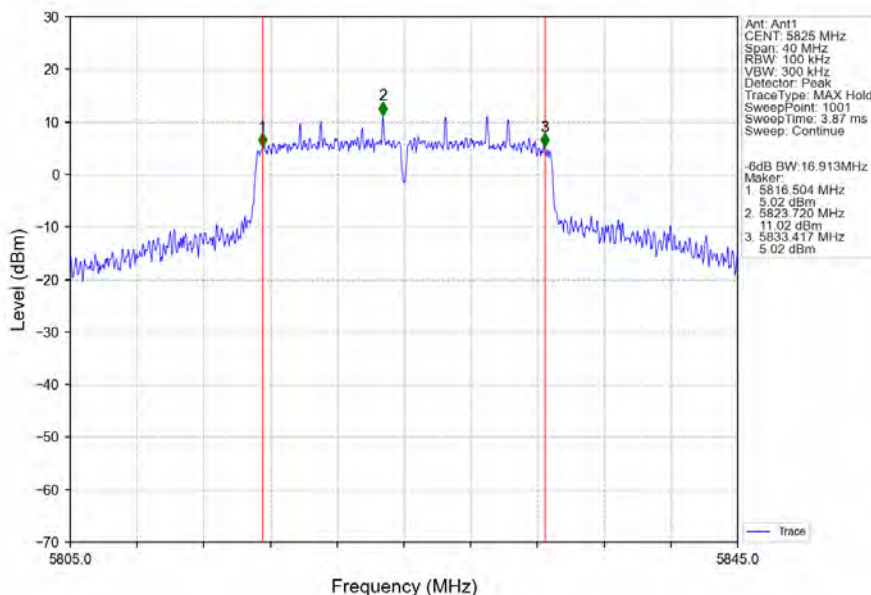
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



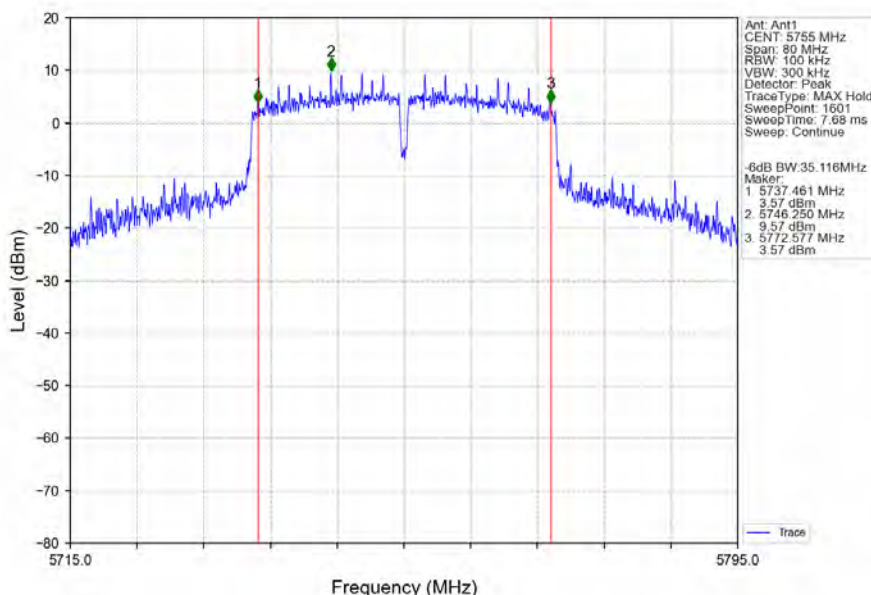
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



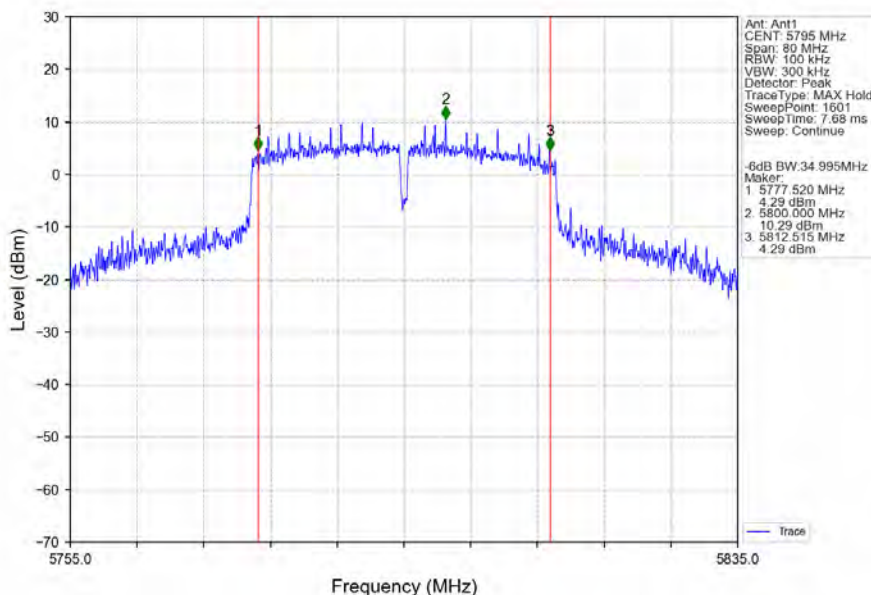
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



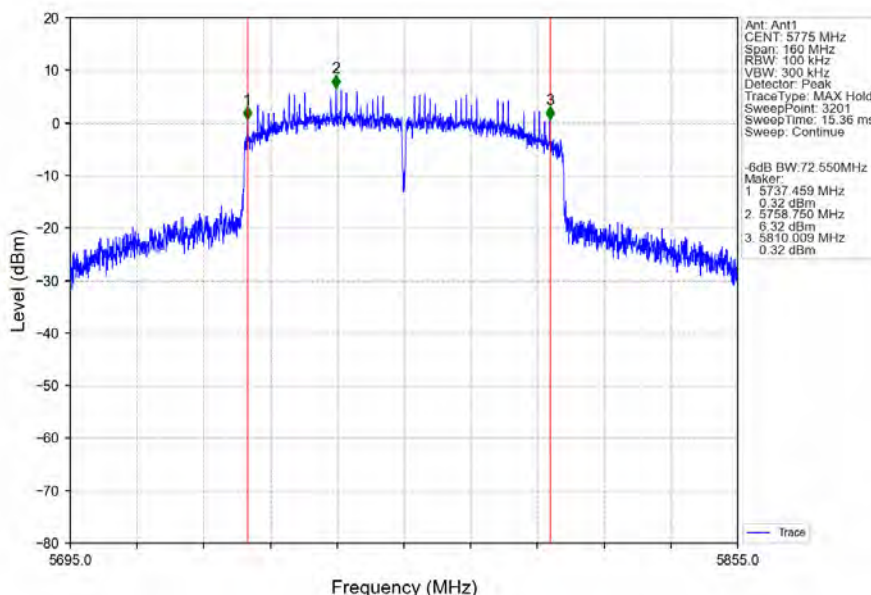
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	20.50	20.23	/	<=30	Pass
		5200	20.33	19.97	/	<=30	Pass
		5240	19.57	19.37	/	<=30	Pass
		5260	21.95	21.43	/	<=23.98	Pass
		5300	22.16	21.15	/	<=23.98	Pass
		5320	19.62	18.79	/	<=23.98	Pass
		5500	19.89	19.28	/	<=23.98	Pass
		5580	21.41	21.73	/	<=23.98	Pass
		5700	17.54	17.49	/	<=23.98	Pass
		5745	23.28	22.61	/	<=30	Pass
		5785	23.08	22.68	/	<=30	Pass
		5825	22.99	22.66	/	<=30	Pass
802.11n (HT20)	MIMO	5180	18.04	17.86	20.96	<=28.41	Pass
		5200	18.15	17.85	21.01	<=28.41	Pass
		5240	17.69	17.15	20.44	<=28.41	Pass
		5260	17.57	16.94	20.28	<=22	Pass
		5300	17.97	16.97	20.51	<=22	Pass
		5320	17.27	16.93	20.11	<=22	Pass
		5500	17.86	17.04	20.48	<=21.99	Pass
		5580	17.21	16.54	19.90	<=22.08	Pass
		5700	17.36	17.34	20.36	<=22.08	Pass
		5745	22.15	22.01	25.31	<=28.13	Pass
		5785	21.98	21.74	24.87	<=28.13	Pass
		5825	22.41	22.21	25.32	<=28.13	Pass
802.11n (HT40)	MIMO	5190	19.33	19.29	22.32	<=28.41	Pass
		5230	19.68	19.26	22.49	<=28.41	Pass
		5270	18.85	17.81	21.37	<=22	Pass
		5310	18.05	17.70	20.89	<=22	Pass
		5510	16.07	15.04	18.60	<=22.08	Pass
		5550	18.26	18.43	21.36	<=22.08	Pass
		5670	19.23	18.84	22.05	<=22.08	Pass



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		5755	22.31	21.86	25.10	<=28.13	Pass
		5795	22.53	22.14	25.35	<=28.13	Pass
802.11ac (VHT20)	MIMO	5180	18.30	17.95	21.14	<=28.41	Pass
		5200	18.45	17.86	21.18	<=28.41	Pass
		5240	17.68	17.23	20.47	<=28.41	Pass
		5260	16.99	16.69	19.85	<=22	Pass
		5300	17.58	16.54	20.10	<=21.87	Pass
		5320	18.16	16.93	20.60	<=21.88	Pass
		5500	17.32	16.75	20.05	<=22.01	Pass
		5580	17.96	17.29	20.65	<=22.08	Pass
		5700	17.43	17.33	20.39	<=21.97	Pass
		5745	23.09	22.62	25.87	<=28.13	Pass
		5785	22.86	22.27	25.59	<=28.13	Pass
		5825	22.95	22.96	25.97	<=28.13	Pass
802.11ac (VHT40)	MIMO	5190	19.30	18.88	22.11	<=28.41	Pass
		5230	19.17	19.60	22.40	<=28.41	Pass
		5270	18.65	18.06	21.38	<=22	Pass
		5310	18.47	18.22	21.36	<=22	Pass
		5510	16.31	15.25	18.82	<=22.08	Pass
		5550	19.11	18.71	21.92	<=22.08	Pass
		5670	18.85	18.76	21.82	<=22.08	Pass
		5755	22.41	21.98	25.21	<=28.13	Pass
802.11ac (VHT80)	MIMO	5795	22.47	21.15	24.87	<=28.13	Pass
		5210	18.00	17.85	20.94	<=28.41	Pass
		5290	17.80	17.18	20.51	<=22	Pass
		5530	16.35	15.64	19.02	<=22.08	Pass
		5610	19.05	18.55	21.82	<=22.08	Pass
		5775	22.35	21.67	25.03	<=28.13	Pass

Note1: Antenna Gain:

- Band: 3 Ant1: 4.86dBi;
- Band: 2A Ant1: 4.97dBi;
- Band: 2C Ant1: 4.89dBi;
- Band: 1+2A Ant1: 4.97dBi;
- Band: 2C+3 Ant1: 4.89dBi;
- Band: 1 Ant1: 4.58dBi;
- Band: 2C+3 Ant2: 4.58dBi;
- Band: 1 Ant2: 3.64dBi;
- Band: 3 Ant2: 3.67dBi;
- Band: 2A Ant2: 4.30dBi;
- Band: 2C Ant2: 4.58dBi;
- Band: 1+2A Ant2: 4.30dBi;

Note2: Directional Gain: Band1: 7.59dBi, Band2A: 7.98dBi, Band2C: 7.9dBi, Band3: 7.87dBi



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TPC Low power

Mode	TX Type	Frequency (MHz)	EIRP (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5260	20.64	19.43	/	<=24	Pass
		5300	20.67	19.08	/	<=24	Pass
		5320	18.34	16.68	/	<=24	Pass
		5500	18.46	17.52	/	<=24	Pass
		5580	19.86	19.99	/	<=24	Pass
		5700	16.15	15.63	/	<=24	Pass
802.11n (HT20)	MIMO	5260	16.13	14.94	18.59	<=24	Pass
		5300	16.5	14.86	18.77	<=24	Pass
		5320	15.78	14.89	18.37	<=24	Pass
		5500	16.59	15.48	19.08	<=24	Pass
		5580	16.03	15.12	18.61	<=24	Pass
		5700	16.21	15.96	19.10	<=24	Pass
802.11n (HT40)	MIMO	5270	17.72	16.3	20.08	<=24	Pass
		5310	16.71	16.37	19.55	<=24	Pass
		5510	14.8	13.62	17.26	<=24	Pass
		5550	16.99	17.1	20.06	<=24	Pass
		5670	17.94	17.44	20.71	<=24	Pass
802.11ac (VHT20)	MIMO	5260	15.81	15.25	18.55	<=24	Pass
		5300	16.27	14.98	18.68	<=24	Pass
		5320	16.87	15.49	19.24	<=24	Pass
		5500	16.08	15.37	18.75	<=24	Pass
		5580	16.69	15.94	19.34	<=24	Pass
		5700	16.16	16	19.09	<=24	Pass
802.11ac (VHT40)	MIMO	5270	17.5	16.66	20.11	<=24	Pass
		5310	17.13	16.87	20.01	<=24	Pass
		5510	15.04	13.87	17.50	<=24	Pass
		5550	17.93	17.17	20.58	<=24	Pass
		5670	17.49	17.43	20.47	<=24	Pass
802.11ac (VHT80)	MIMO	5290	16.46	15.83	19.17	<=24	Pass
		5530	15.08	14.13	17.64	<=24	Pass
		5610	17.87	16.99	20.46	<=24	Pass

Note1: Antenna Gain:

- Band: 2A Ant1: 4.97dBi;
- Band: 2C Ant1: 4.89dBi;
- Band: 2A Ant2: 4.30dBi;
- Band: 2C Ant2: 4.58dBi;

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	9.20	8.87	/	<=17	Pass
		5200	8.82	8.86	/	<=17	Pass
		5240	8.45	8.11	/	<=17	Pass
		5260	10.69	10.26	/	<=11	Pass
		5300	10.81	10.14	/	<=11	Pass
		5320	8.30	7.74	/	<=11	Pass
		5500	8.66	8.13	/	<=11	Pass
		5580	10.32	10.77	/	<=11	Pass
		5700	6.22	6.26	/	<=11	Pass
802.11n (HT20)	MIMO	5180	6.73	6.37	9.46	<=15.41	Pass
		5200	6.68	6.15	9.37	<=15.41	Pass
		5240	5.99	5.51	8.70	<=15.41	Pass
		5260	6.06	5.48	8.67	<=9.02	Pass
		5300	6.35	5.51	8.87	<=9.02	Pass
		5320	5.79	5.13	8.40	<=9.02	Pass
		5500	6.64	5.45	8.98	<=9.1	Pass
		5580	5.98	4.91	8.36	<=9.1	Pass
		5700	6.10	5.96	9.04	<=9.1	Pass
802.11n (HT40)	MIMO	5190	5.46	4.60	7.88	<=15.41	Pass
		5230	5.86	5.15	8.45	<=15.41	Pass
		5270	4.91	4.13	7.45	<=9.02	Pass
		5310	3.97	3.67	6.73	<=9.02	Pass
		5510	1.28	0.91	4.03	<=9.1	Pass
		5550	4.64	3.86	7.18	<=9.1	Pass
		5670	4.73	4.49	7.56	<=9.1	Pass
802.11ac (VHT20)	MIMO	5180	6.74	6.48	9.46	<=15.41	Pass
		5200	6.85	6.44	9.55	<=15.41	Pass
		5240	6.16	5.73	8.79	<=15.41	Pass
		5260	6.11	5.10	8.49	<=9.02	Pass
		5300	6.22	5.12	8.61	<=9.02	Pass
		5320	6.55	5.50	9.02	<=9.02	Pass
		5500	6.14	5.47	8.67	<=9.1	Pass



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		5580	6.40	5.73	8.94	<=9.1	Pass
		5700	6.16	5.83	8.93	<=9.1	Pass
802.11ac (VHT40)	MIMO	5190	5.29	4.73	7.95	<=15.41	Pass
		5230	5.68	5.20	8.32	<=15.41	Pass
		5270	4.24	4.11	7.05	<=9.02	Pass
		5310	4.34	4.02	7.07	<=9.02	Pass
		5510	2.07	1.18	4.64	<=9.1	Pass
		5550	5.07	4.84	7.86	<=9.1	Pass
		5670	4.50	4.42	7.37	<=9.1	Pass
802.11ac (VHT80)	MIMO	5210	0.77	0.94	3.61	<=15.41	Pass
		5290	1.57	0.18	3.78	<=9.02	Pass
		5530	-0.36	-1.89	1.71	<=9.1	Pass
		5610	2.69	1.85	5.13	<=9.1	Pass

Note1: Antenna Gain:

- Band: 2C+3 Ant1: 4.89dBi;
- Band: 1 Ant1: 4.58dBi;
- Band: 3 Ant1: 4.86dBi;
- Band: 2A Ant1: 4.97dBi;
- Band: 2C Ant1: 4.89dBi;
- Band: 1+2A Ant1: 4.97dBi;
- Band: 1 Ant2: 3.64dBi;
- Band: 3 Ant2: 3.67dBi;
- Band: 2A Ant2: 4.30dBi;
- Band: 2C Ant2: 4.58dBi;
- Band: 1+2A Ant2: 4.30dBi;
- Band: 2C+3 Ant2: 4.58dBi;

Note2: Directional Gain: Band1: 7.59dBi, Band2A: 7.98dBi, Band2C: 7.9dBi, Band3: 7.87dBi



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

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4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	8.94	8.67	/	<=30	Pass
		5785	8.80	8.75	/	<=30	Pass
		5825	8.83	8.58	/	<=30	Pass
802.11n (HT20)	MIMO	5745	9.21	8.74	11.76	<=28.13	Pass
		5785	8.92	8.18	11.54	<=28.13	Pass
		5825	9.28	9.35	12.14	<=28.13	Pass
802.11n (HT40)	MIMO	5755	6.27	5.86	8.96	<=28.13	Pass
		5795	6.75	6.53	9.59	<=28.13	Pass
802.11ac (VHT20)	MIMO	5745	8.66	8.05	11.34	<=28.13	Pass
		5785	8.53	8.07	11.29	<=28.13	Pass
		5825	8.65	8.67	11.50	<=28.13	Pass
802.11ac (VHT40)	MIMO	5755	6.49	5.88	8.95	<=28.13	Pass
		5795	6.48	6.15	9.26	<=28.13	Pass
802.11ac (VHT80)	MIMO	5775	3.30	3.21	6.17	<=28.13	Pass

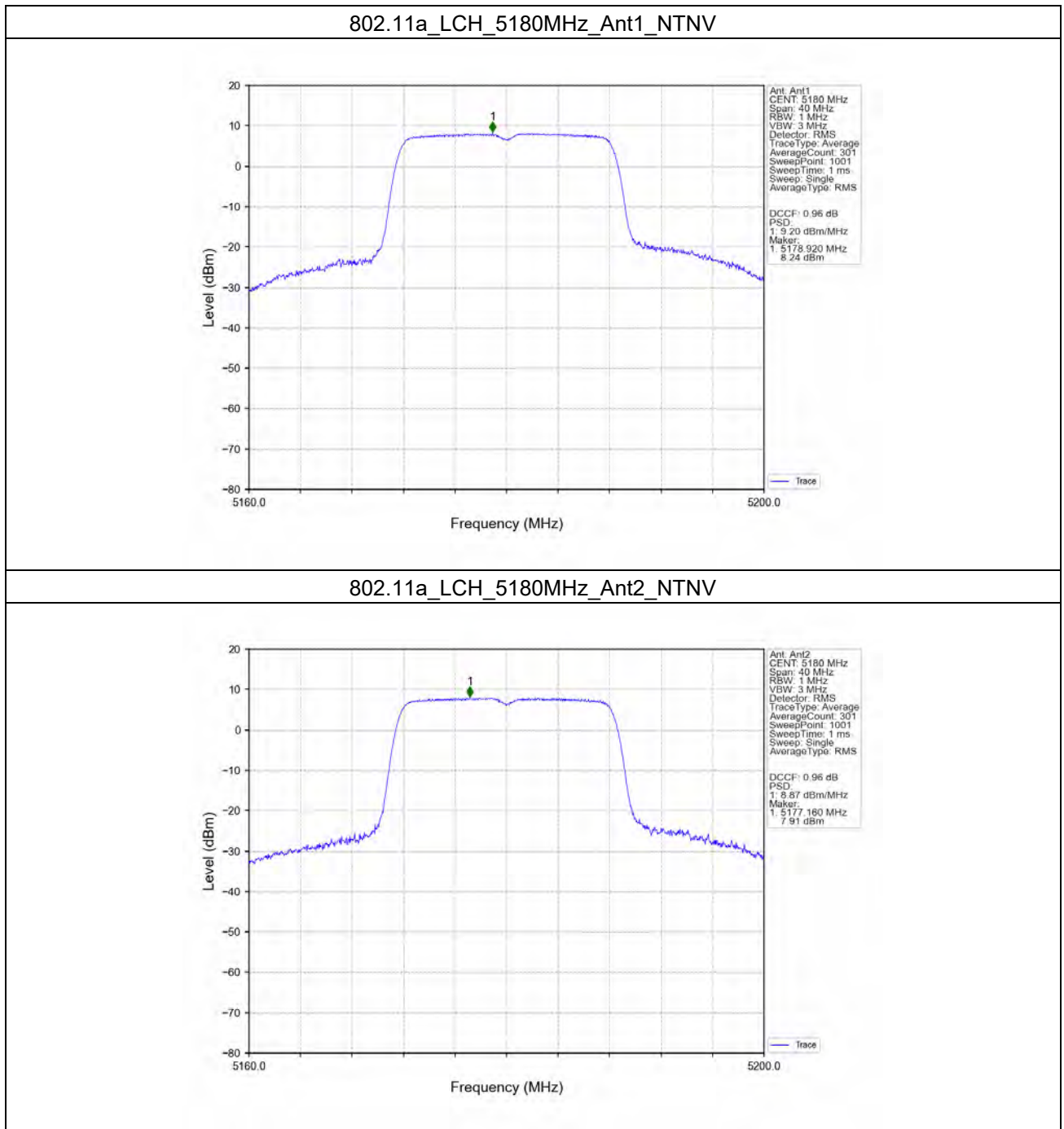
Note1: Antenna Gain:

- Band: 1+2A Ant1: 4.97dBi;
- Band: 2C+3 Ant1: 4.89dBi;
- Band: 1 Ant1: 4.58dBi;
- Band: 3 Ant1: 4.86dBi;
- Band: 2A Ant1: 4.97dBi;
- Band: 2C Ant1: 4.89dBi;
- Band: 1 Ant2: 3.64dBi;
- Band: 3 Ant2: 3.67dBi;
- Band: 2A Ant2: 4.30dBi;
- Band: 2C Ant2: 4.58dBi;
- Band: 1+2A Ant2: 4.30dBi;
- Band: 2C+3 Ant2: 4.58dBi;

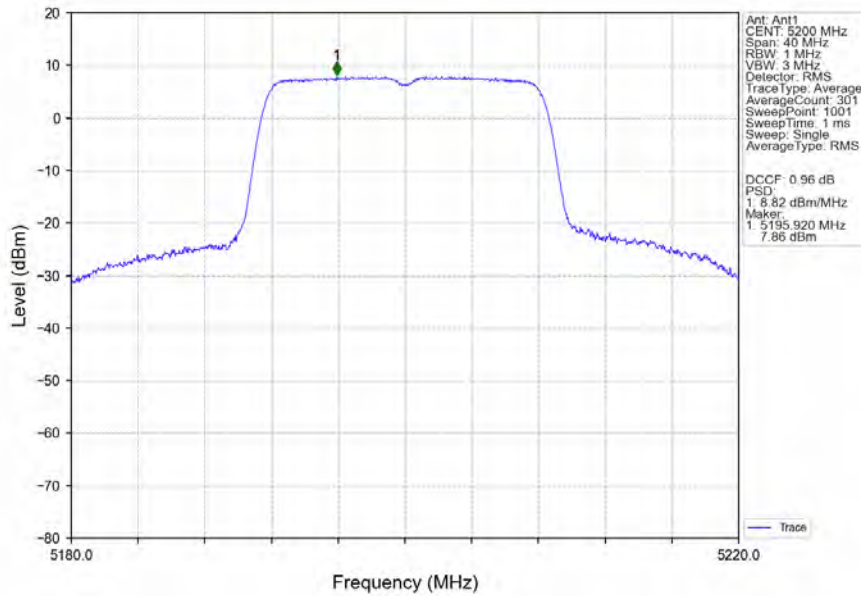
Note2: Directional Gain: Band1: 7.59dBi, Band2A: 7.98dBi, Band2C: 7.9dBi, Band3: 7.87dBi

4.2 Test Graph

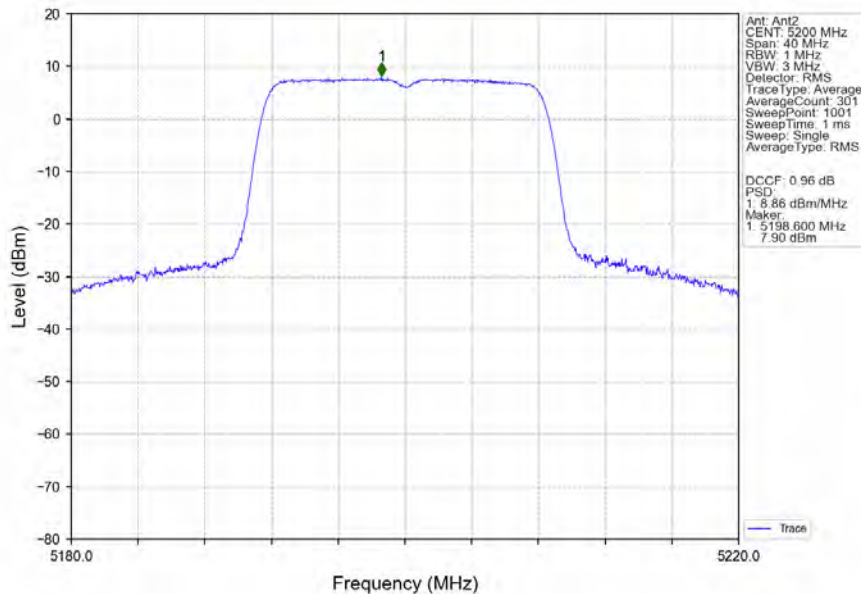
4.2.1 PSD



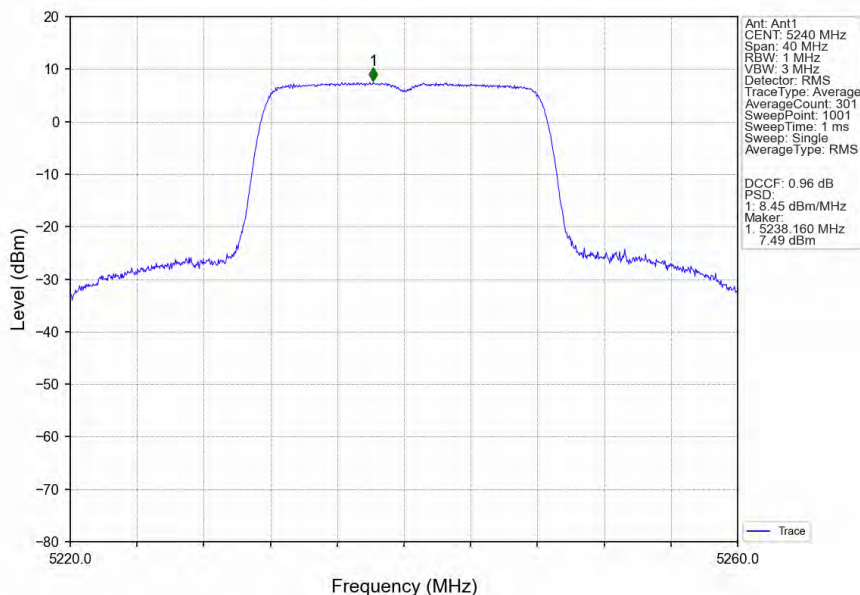
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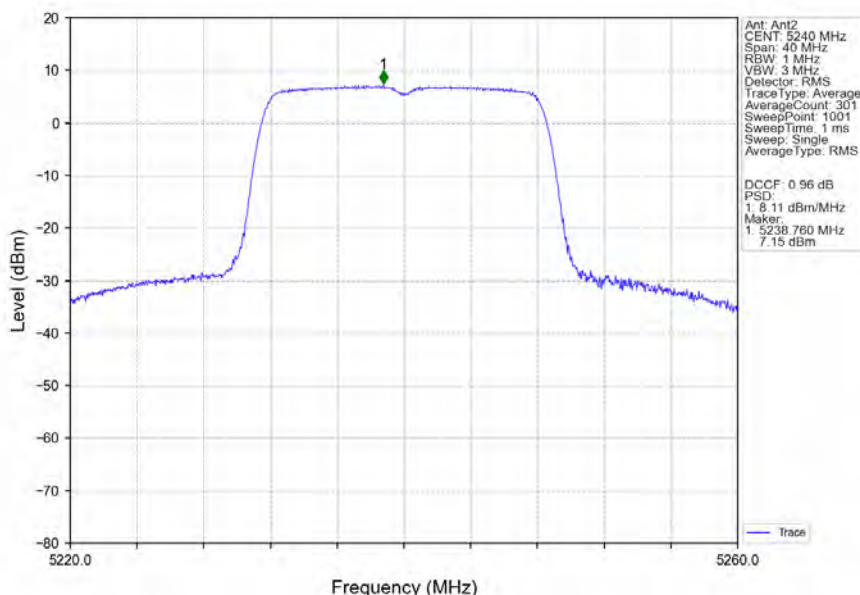
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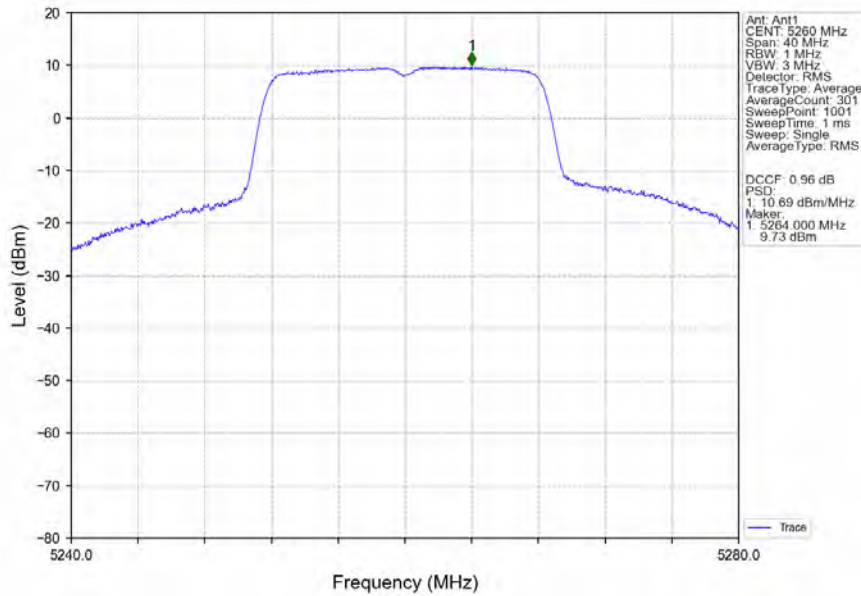
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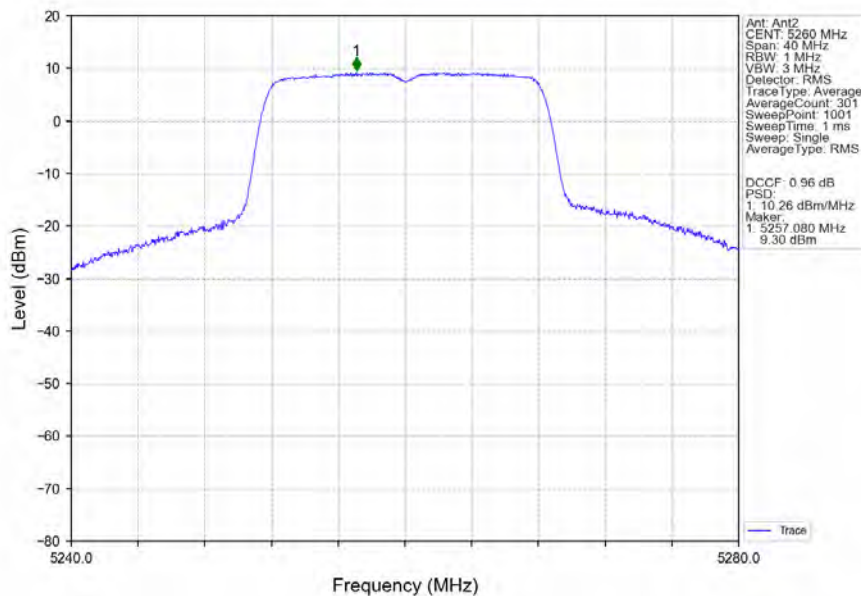
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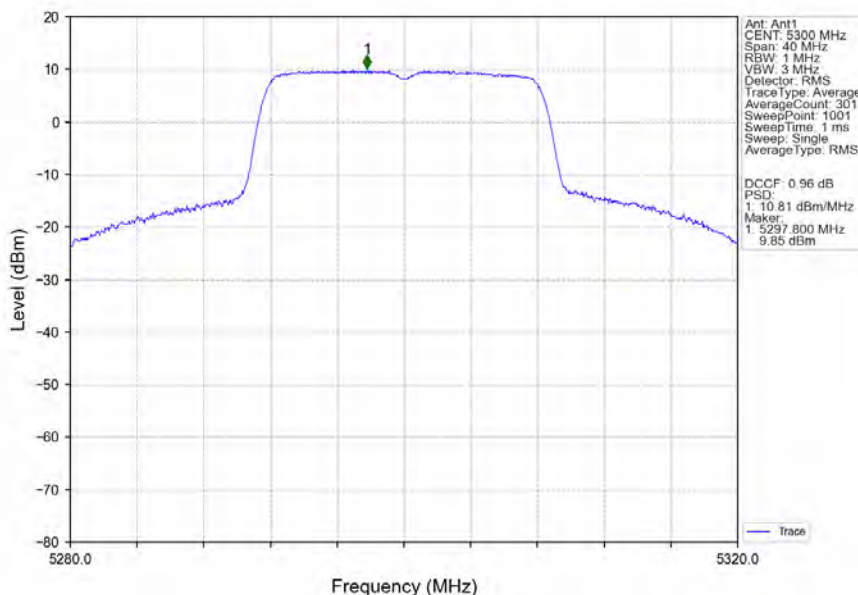
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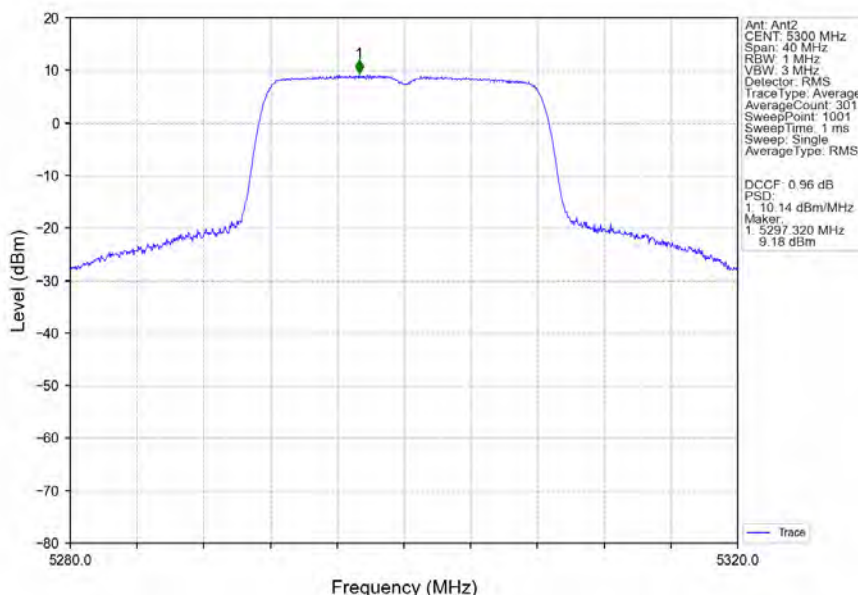
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802.11a_MCH_5300MHz_Ant1_NTNV



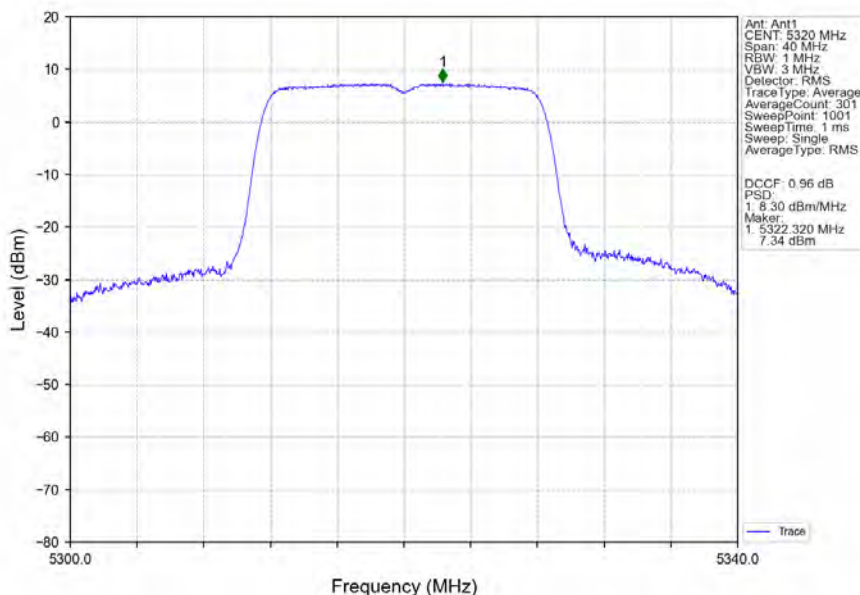
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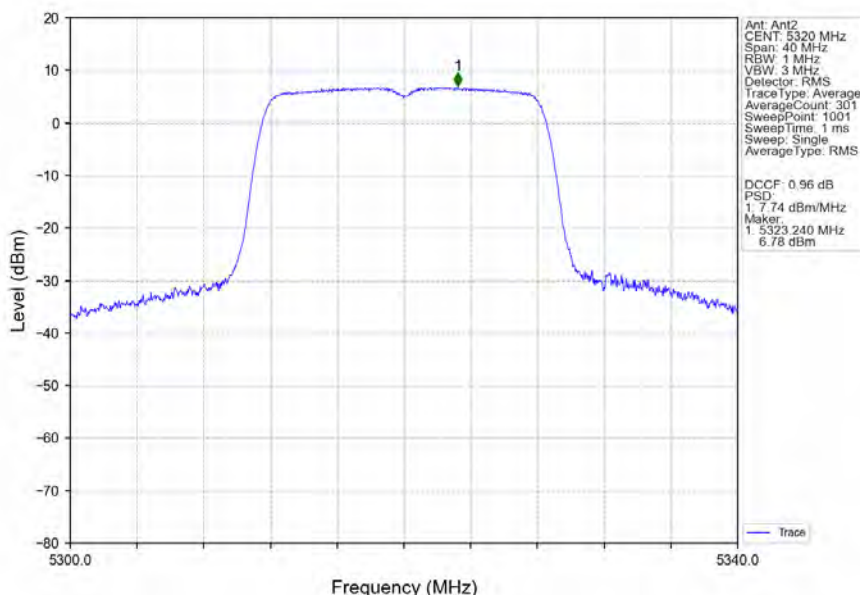
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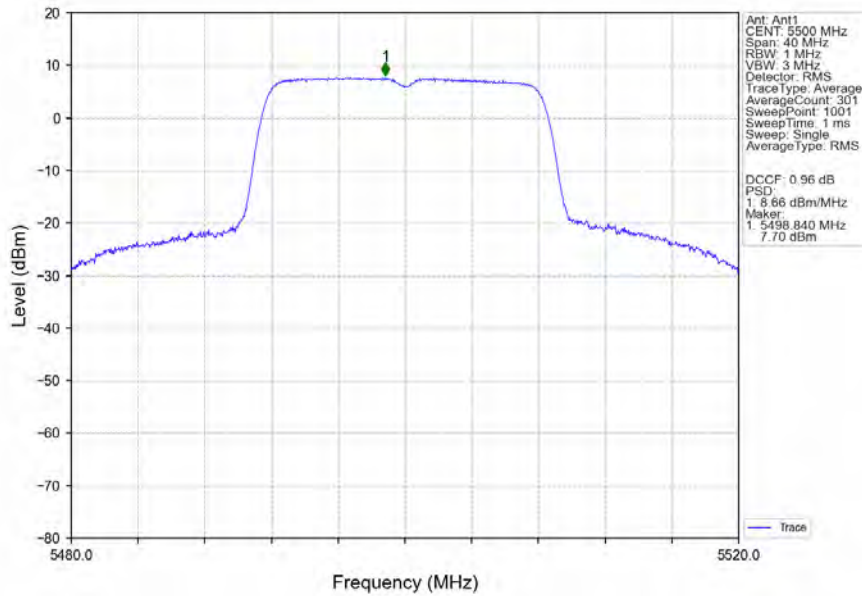
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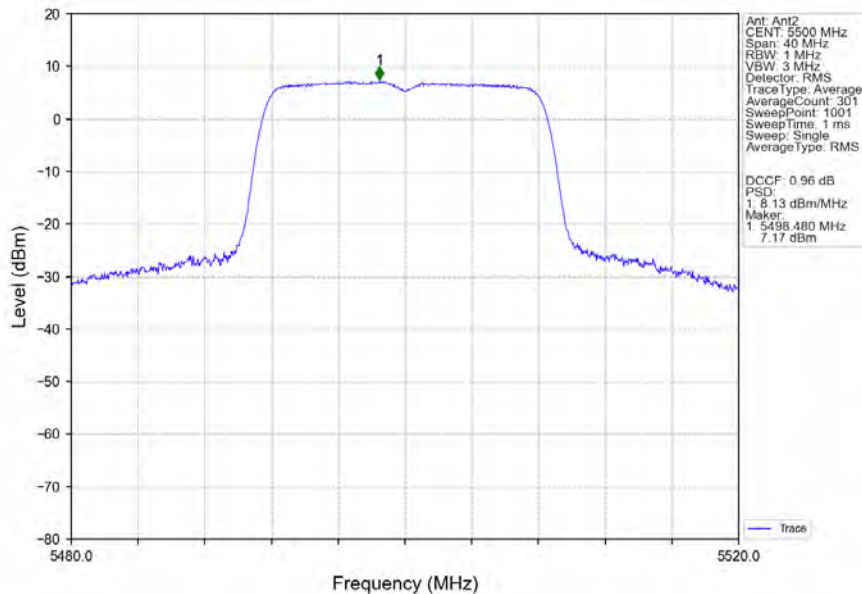
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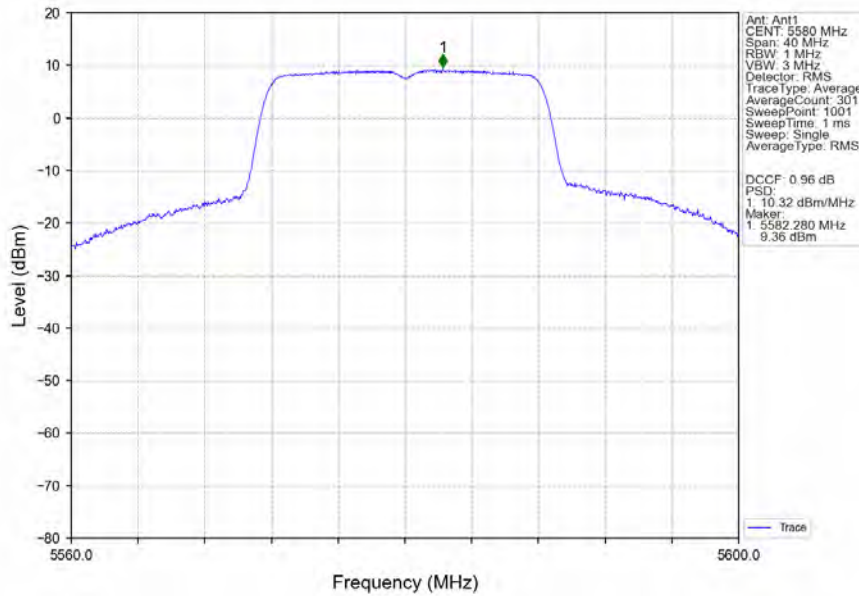
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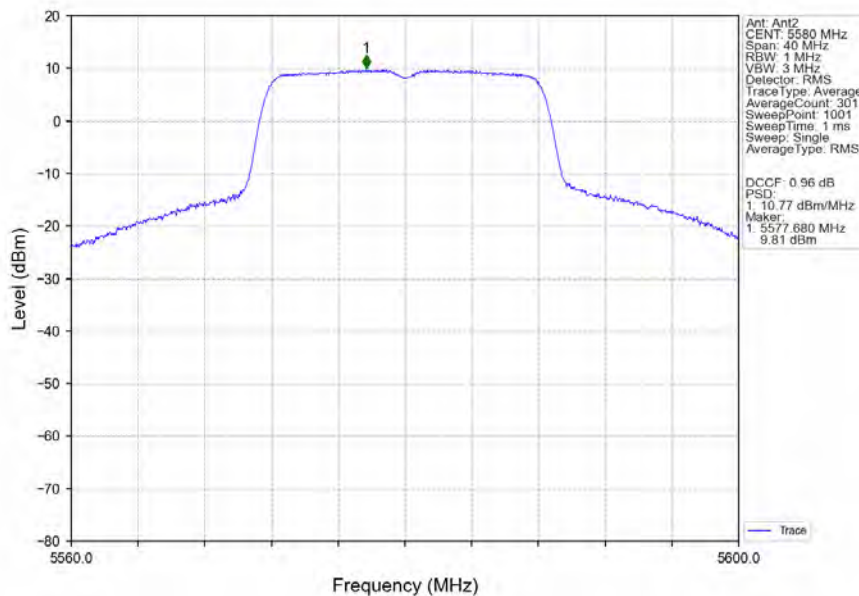
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802.11a_MCH_5580MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant2_NTNV



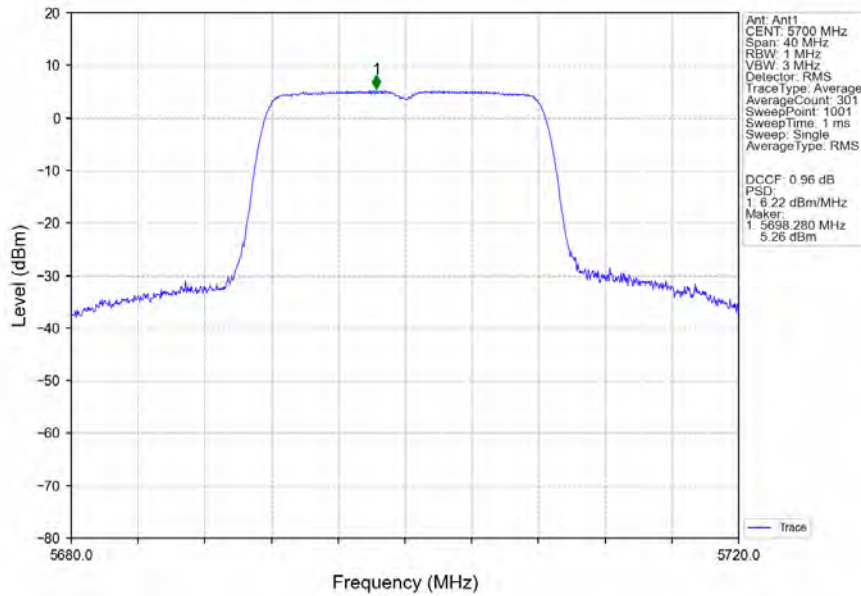
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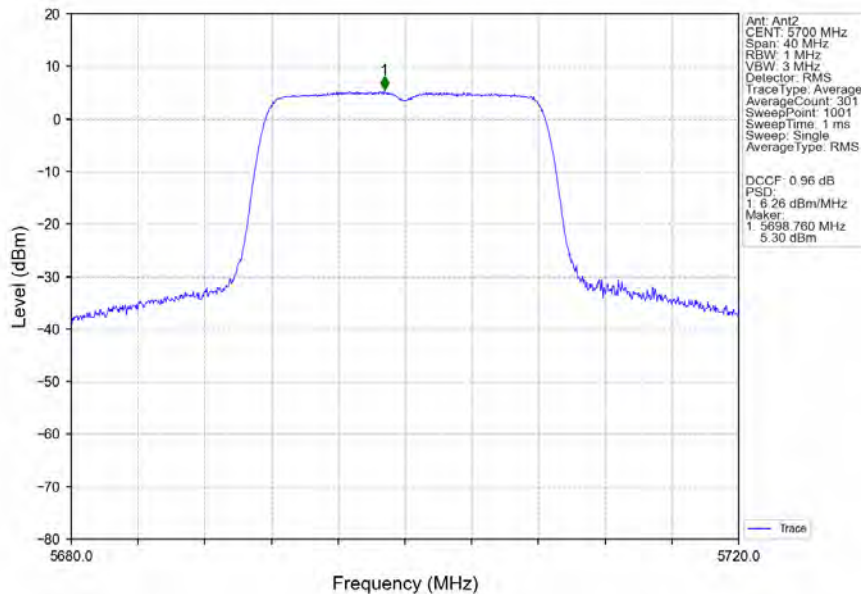
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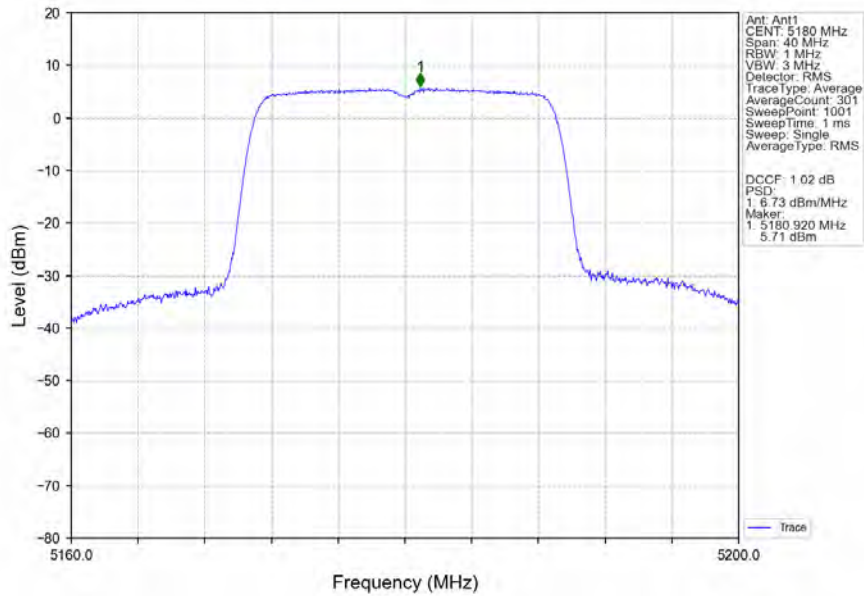
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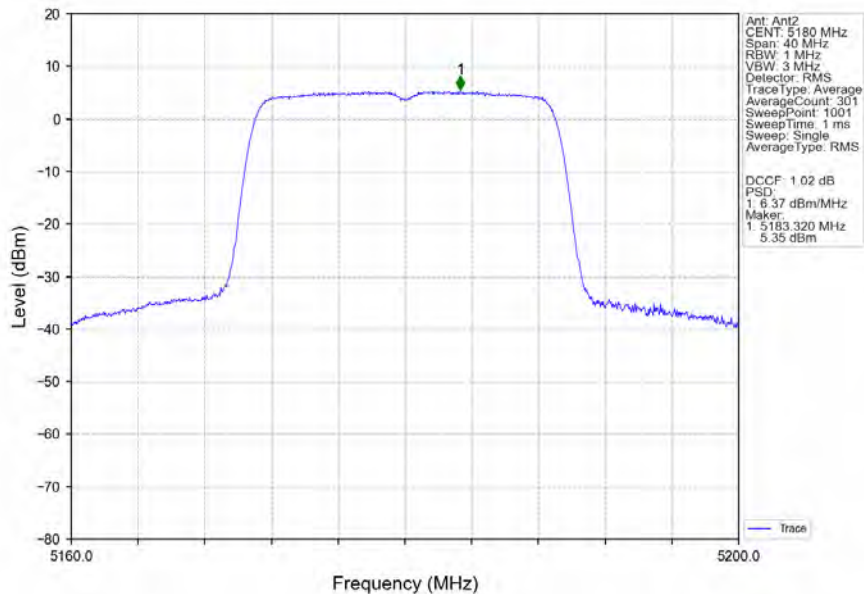
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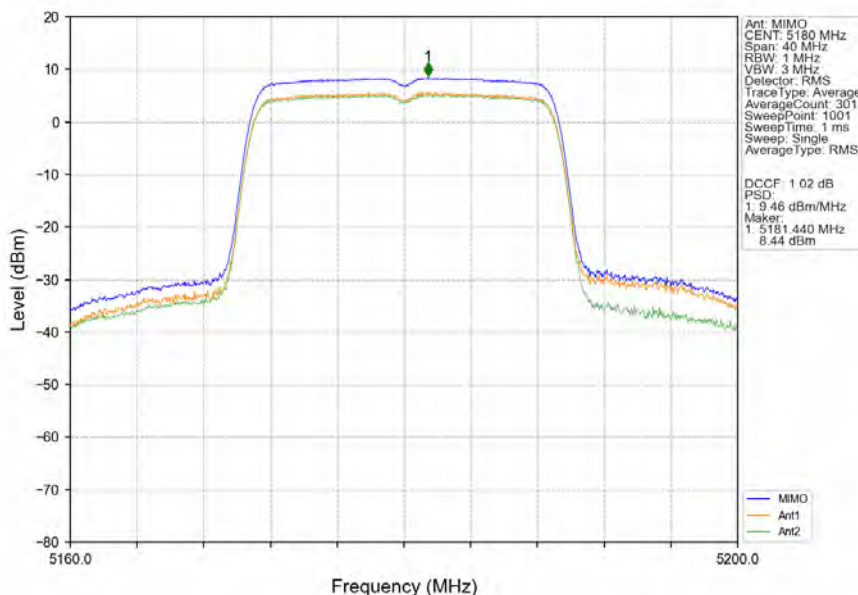
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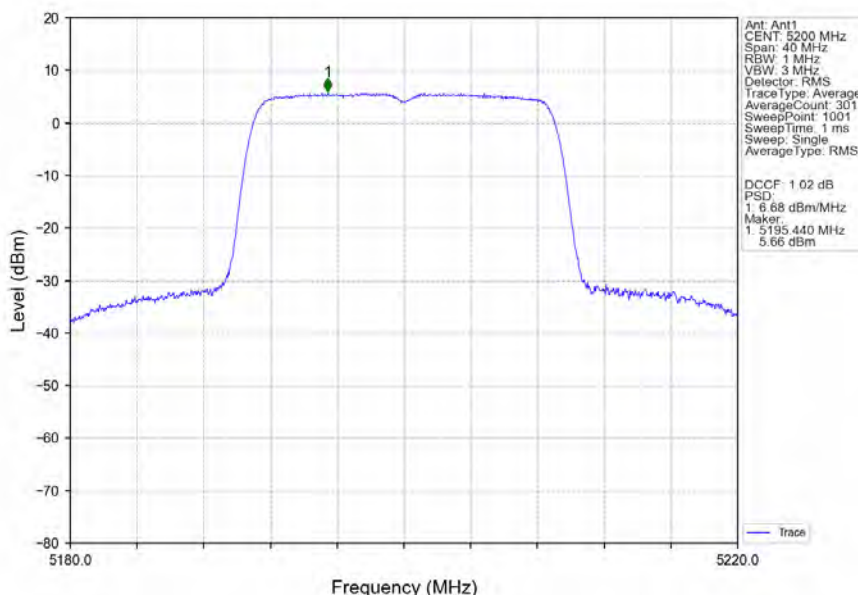
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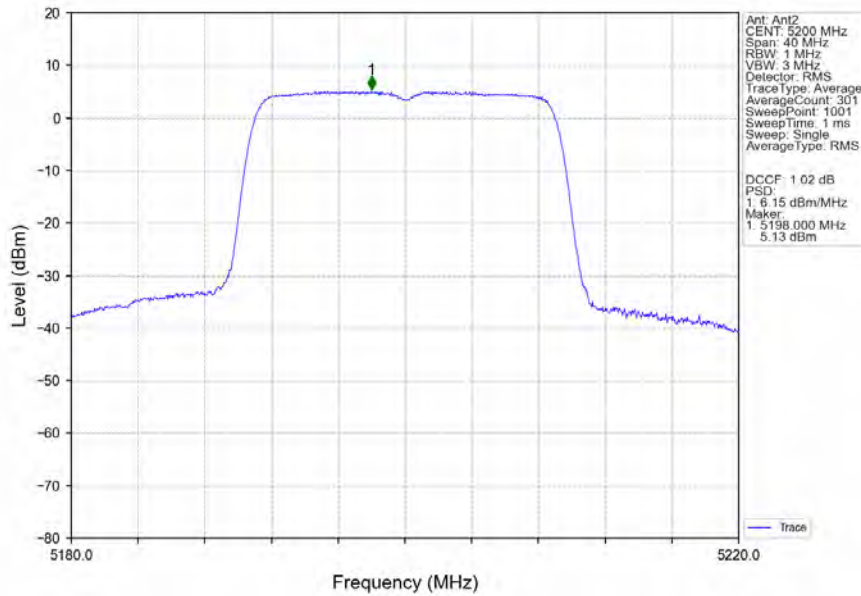
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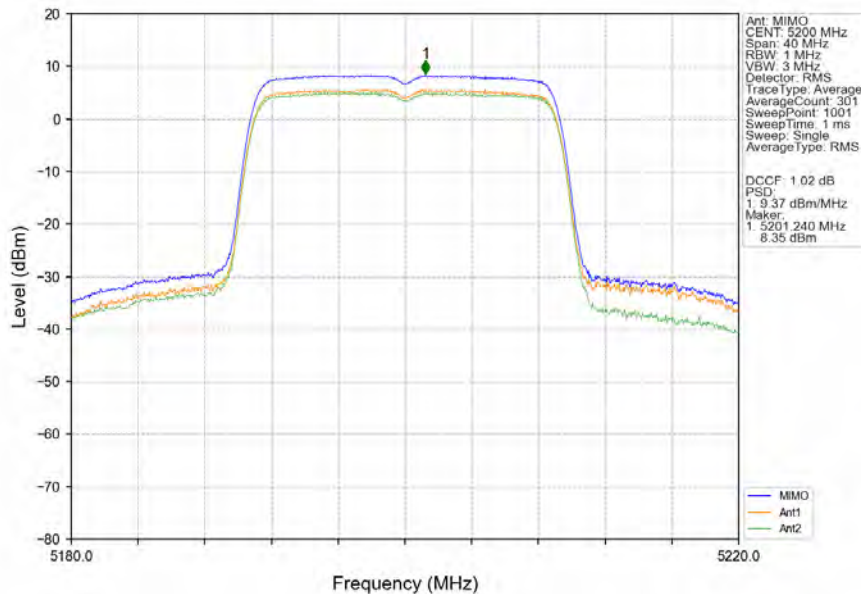
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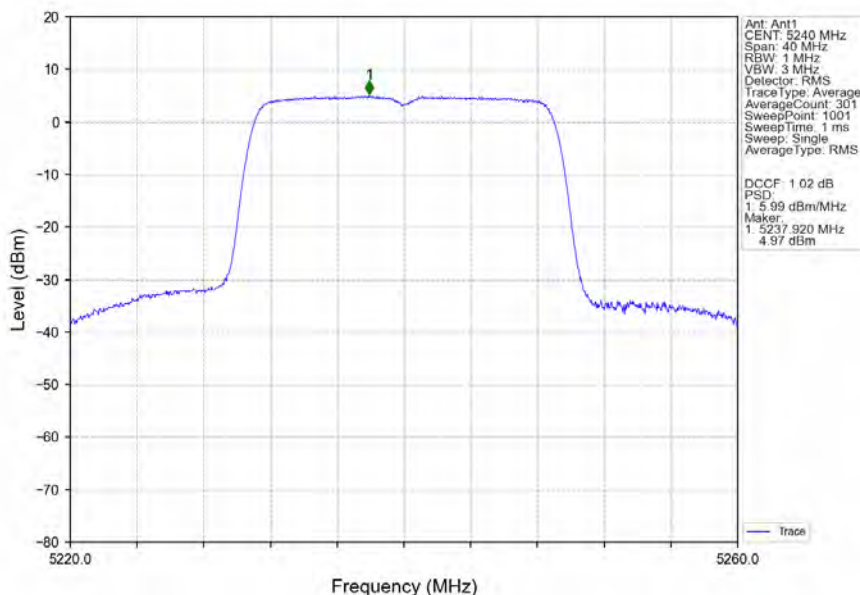
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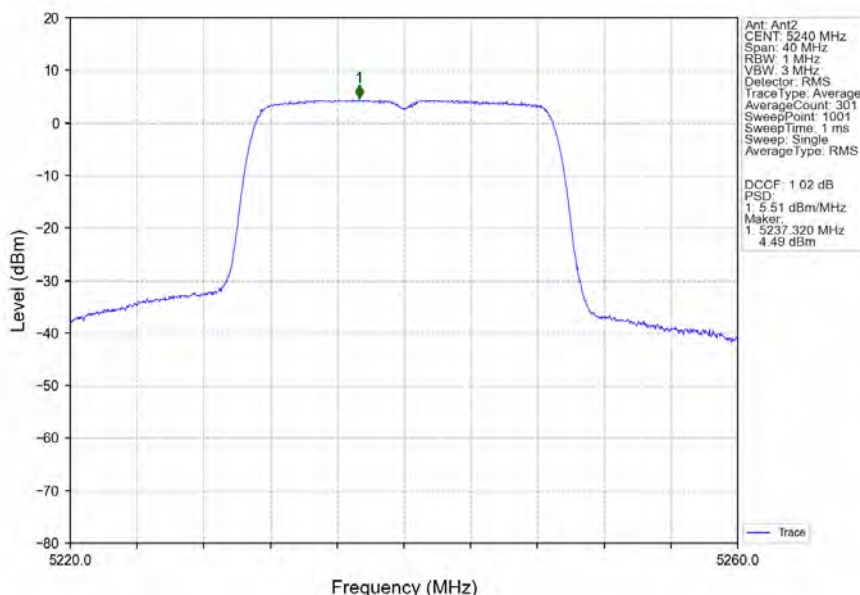
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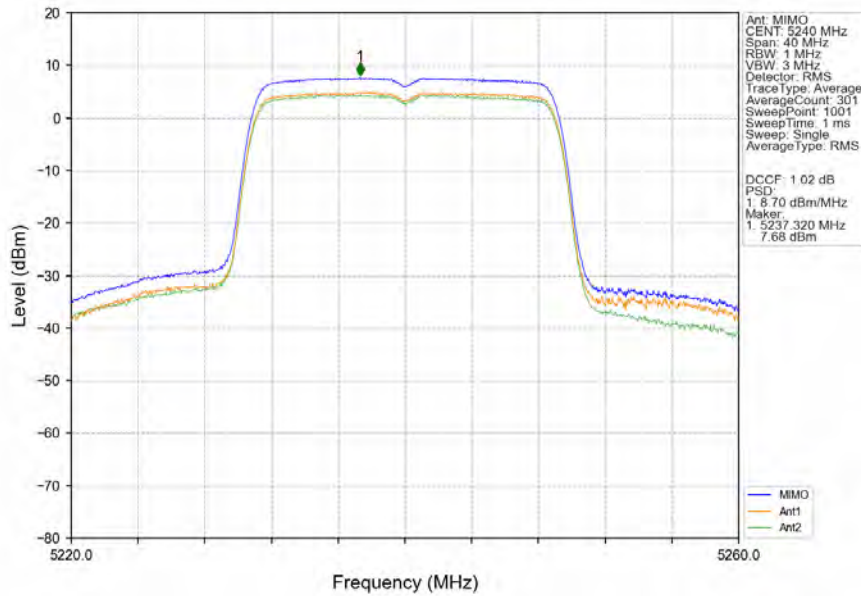
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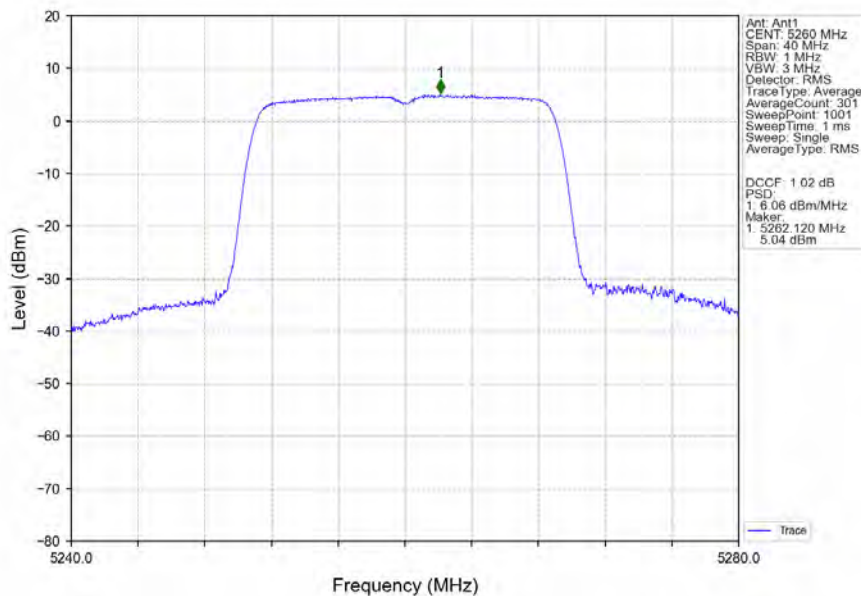
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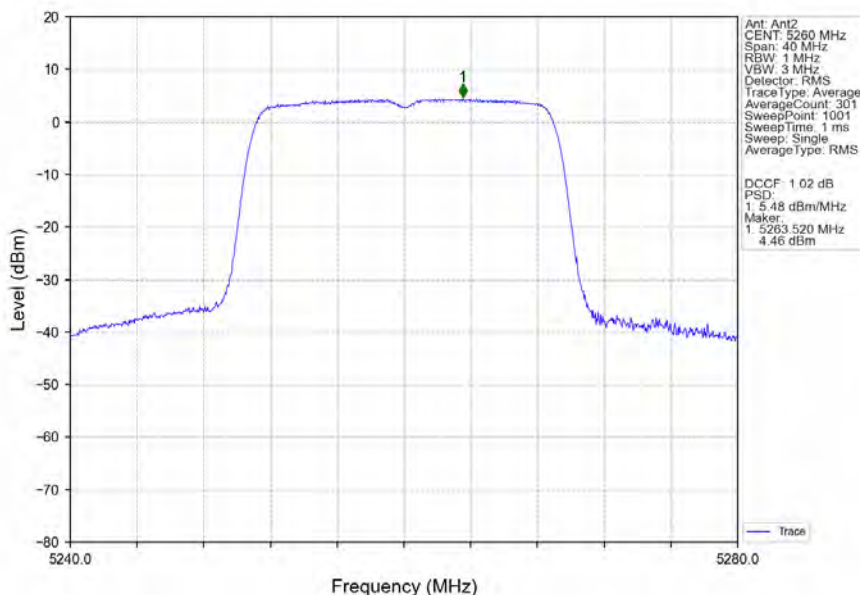
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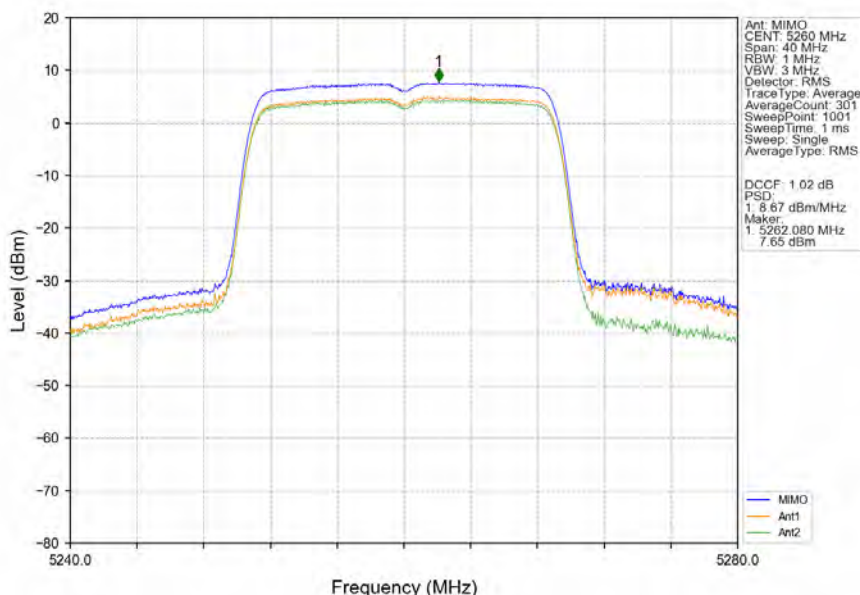
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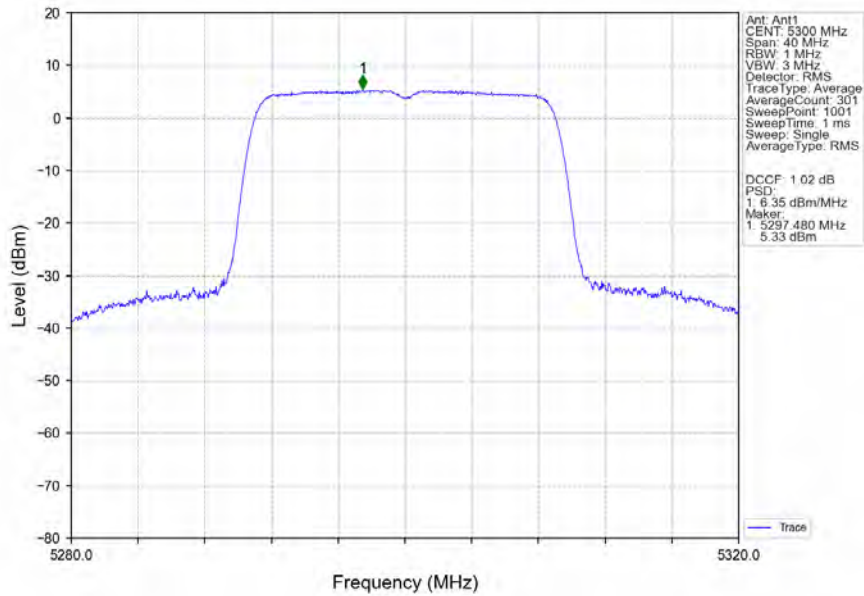
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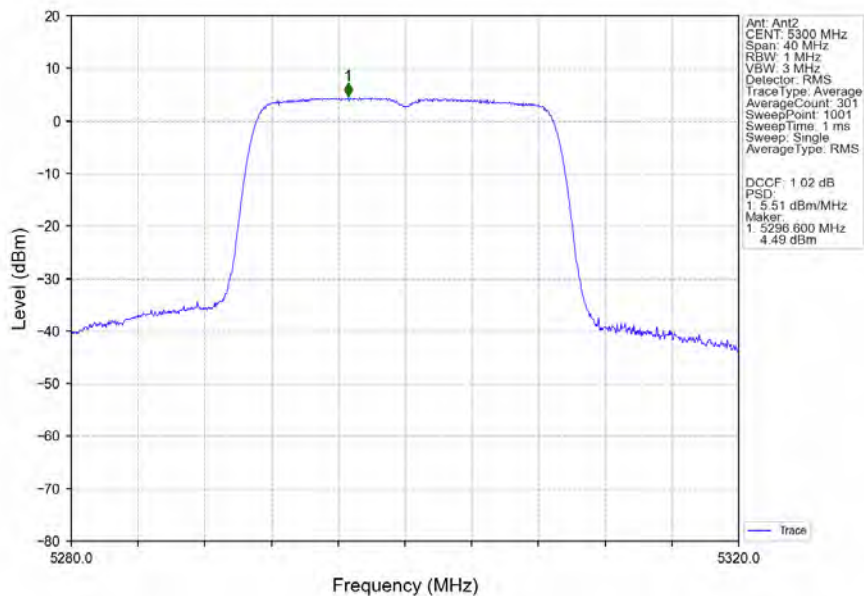
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802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



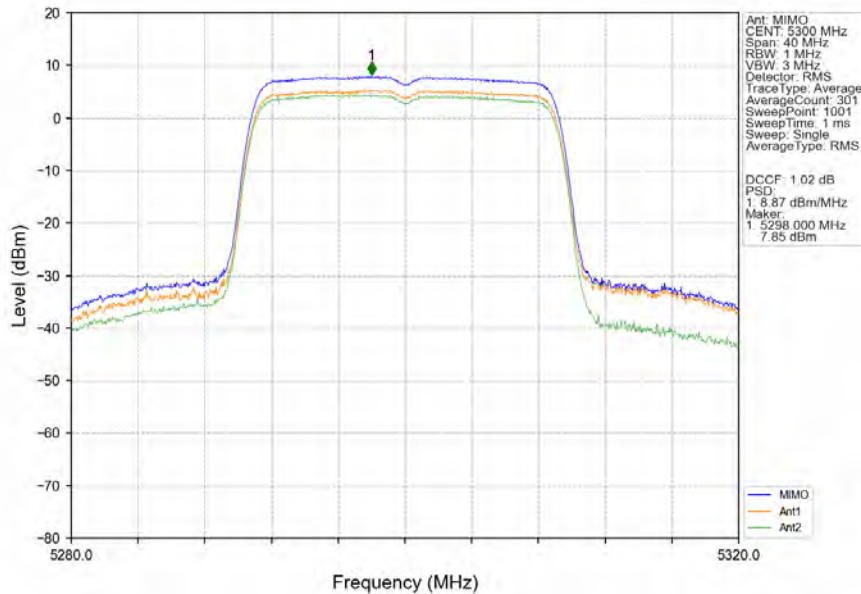
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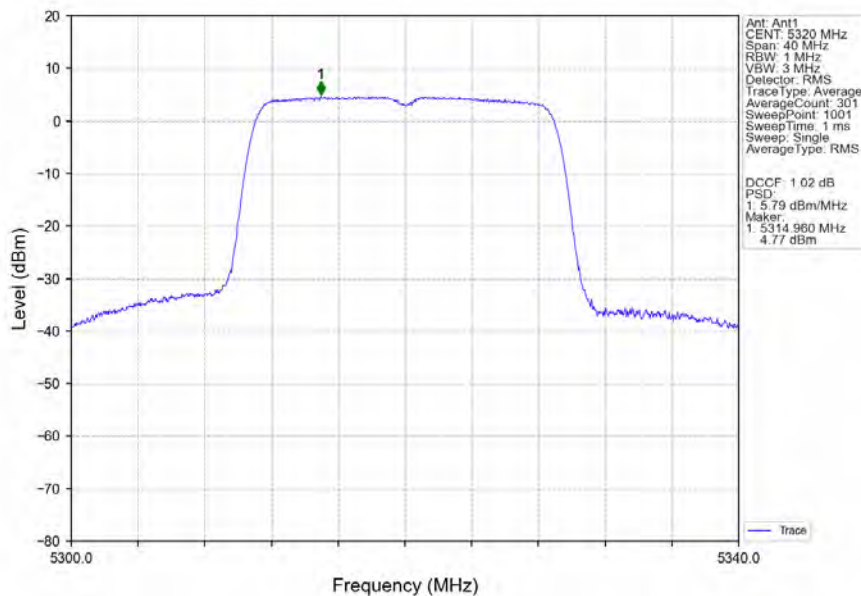
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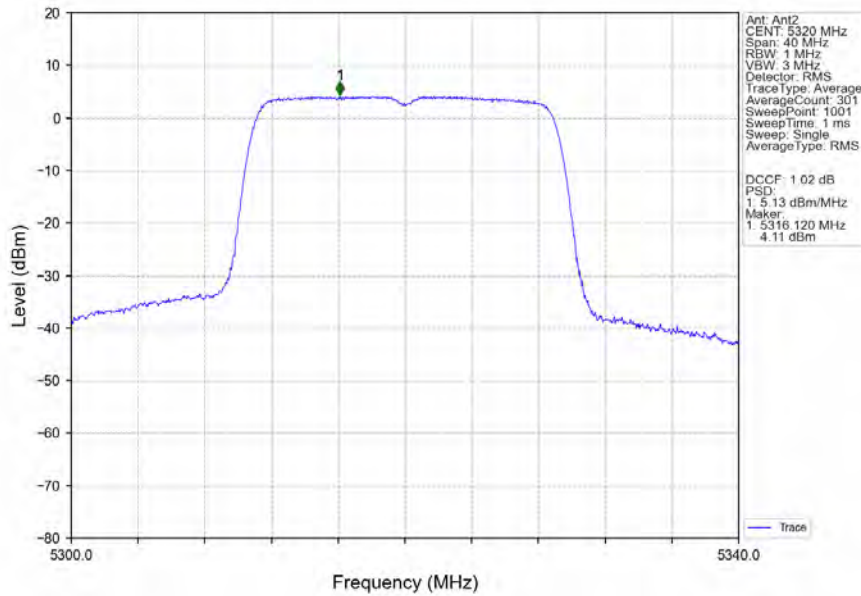
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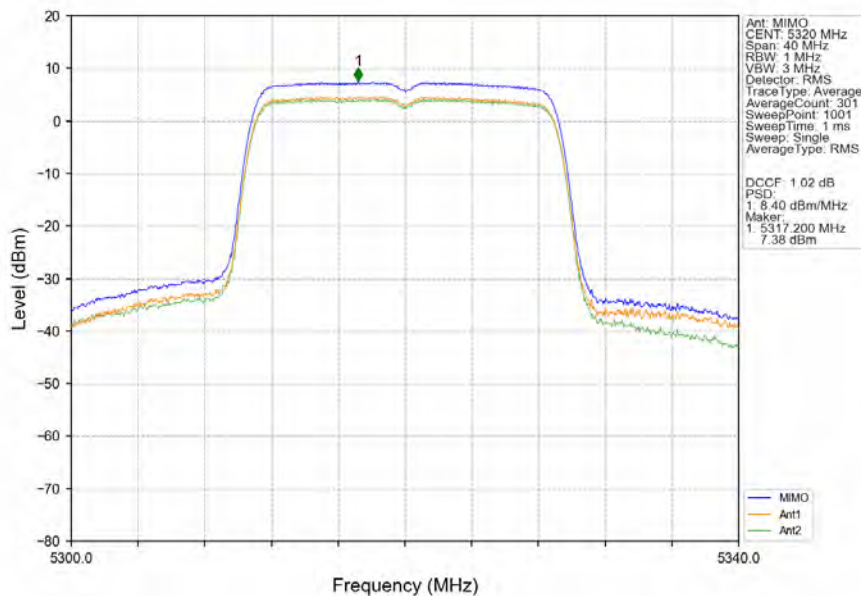
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802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



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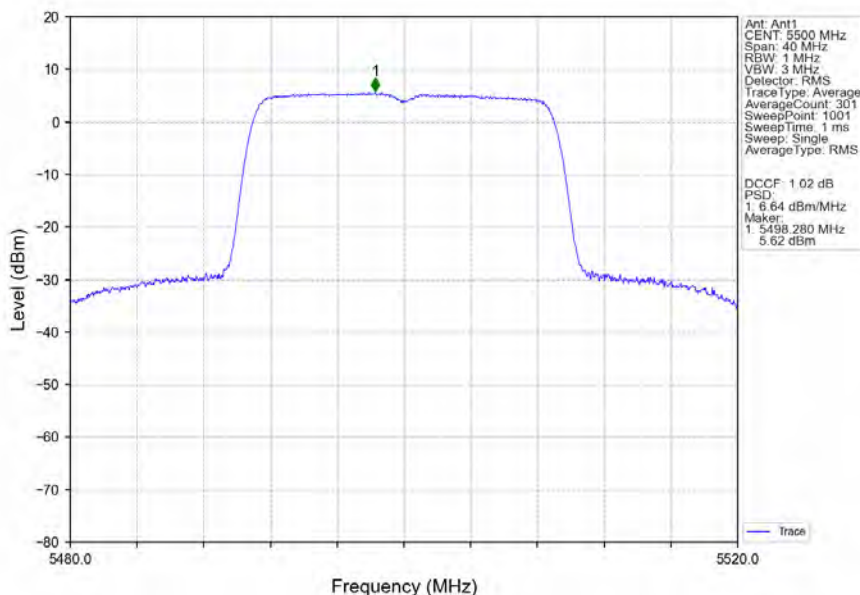
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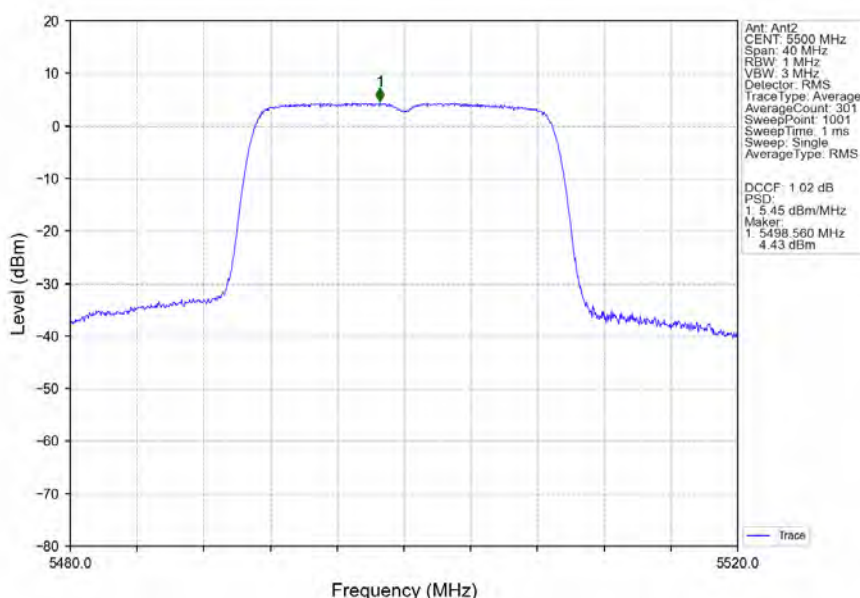
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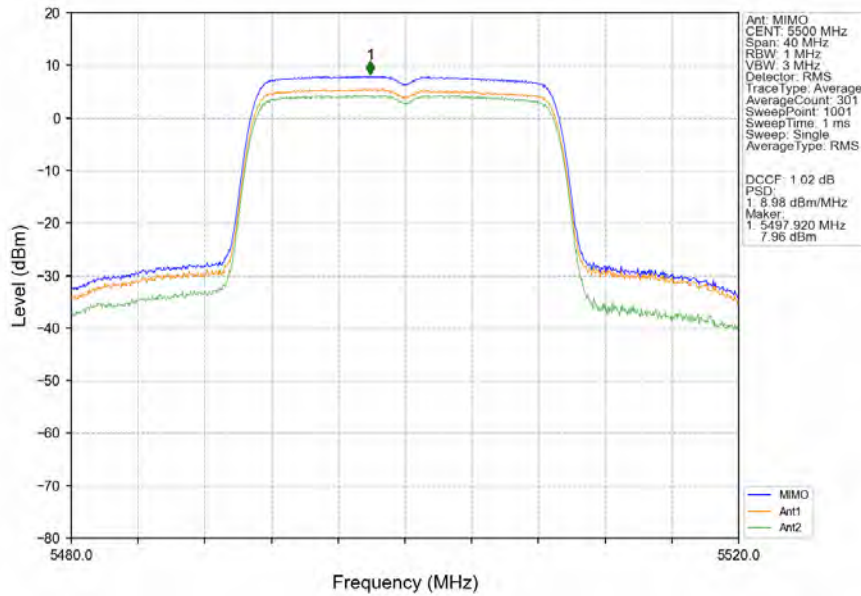
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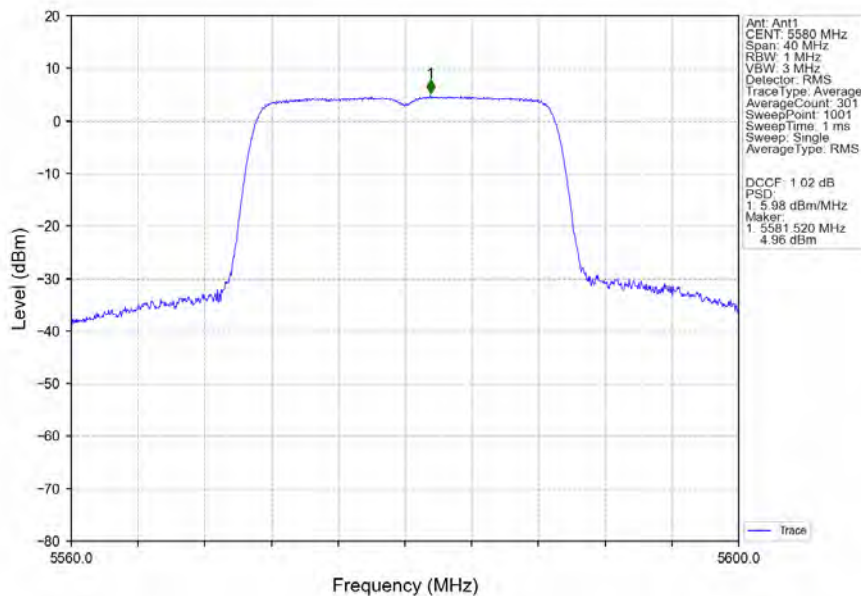
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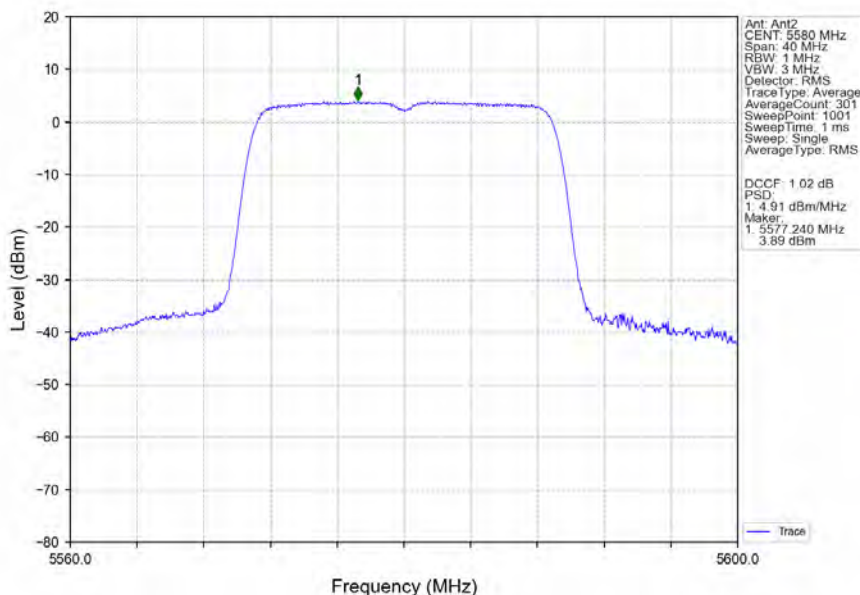
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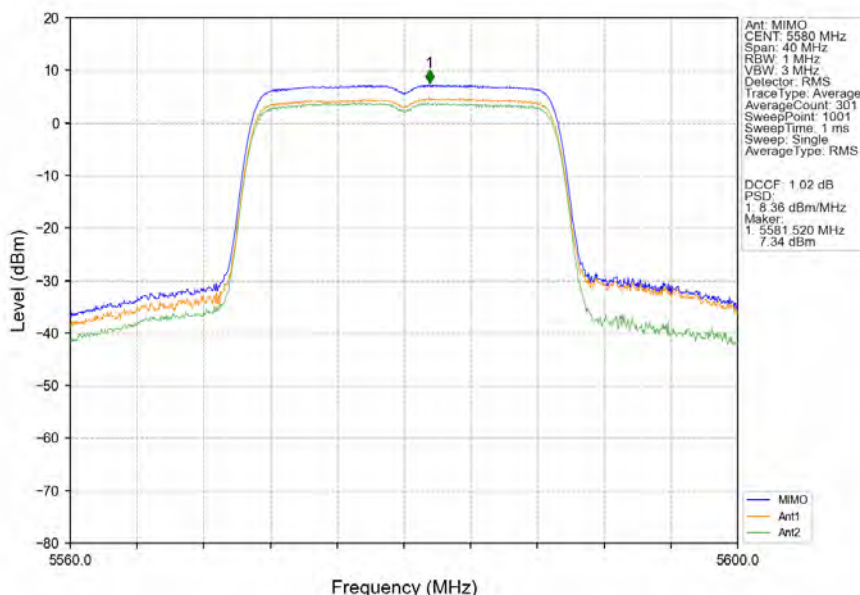
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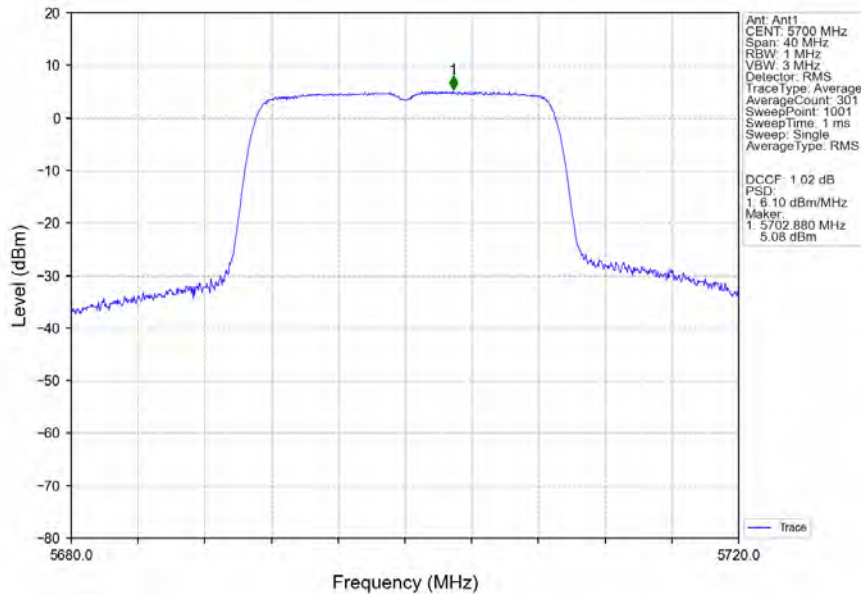
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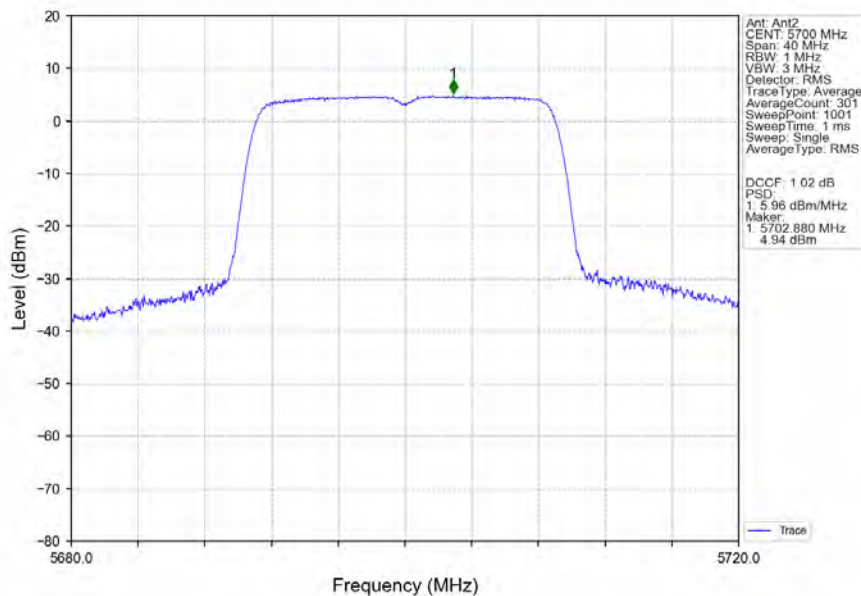
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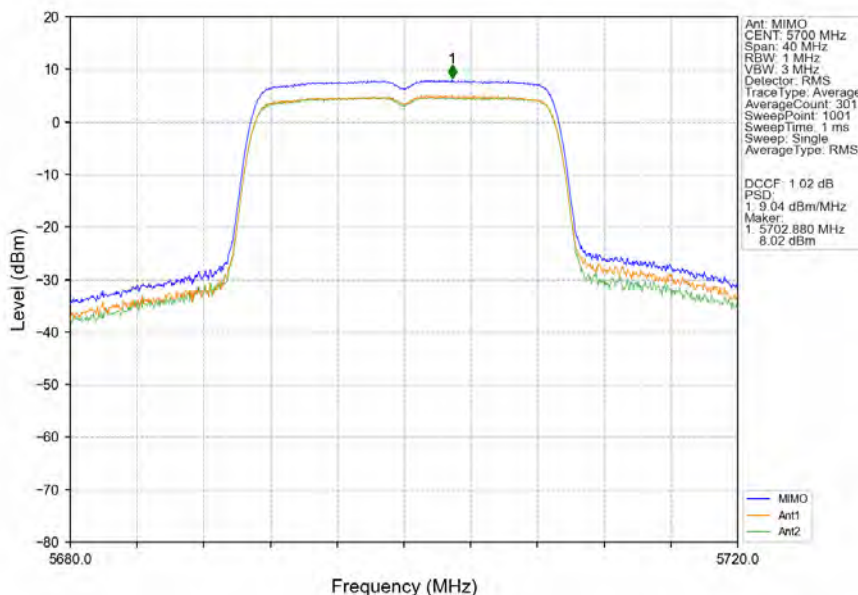
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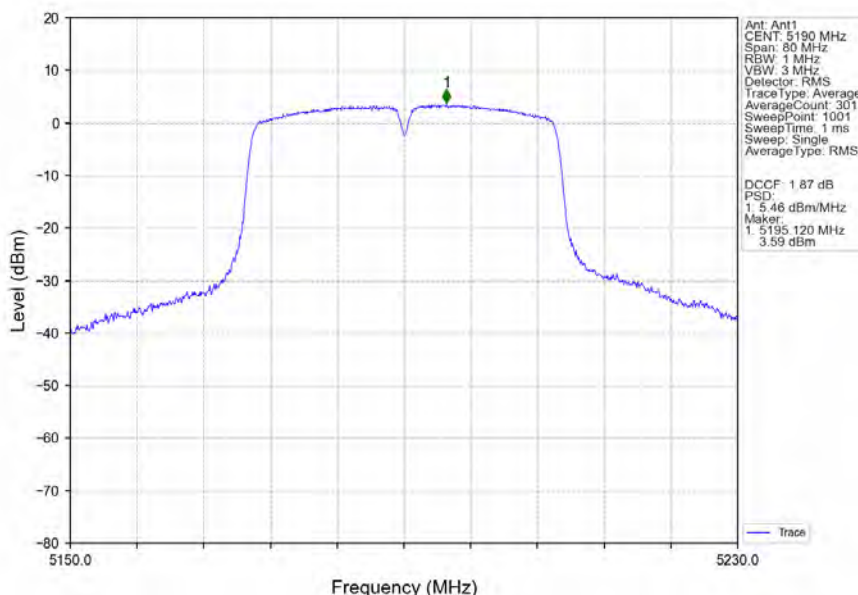
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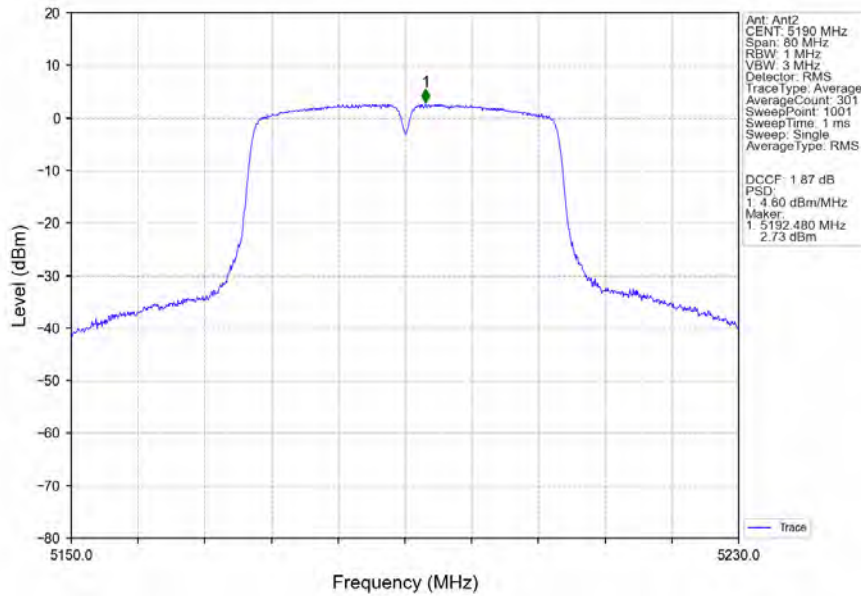
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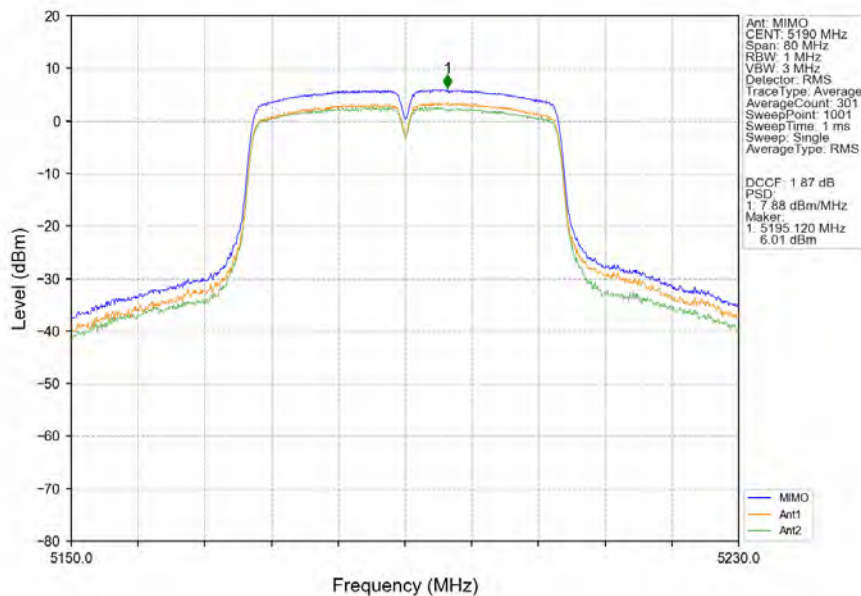
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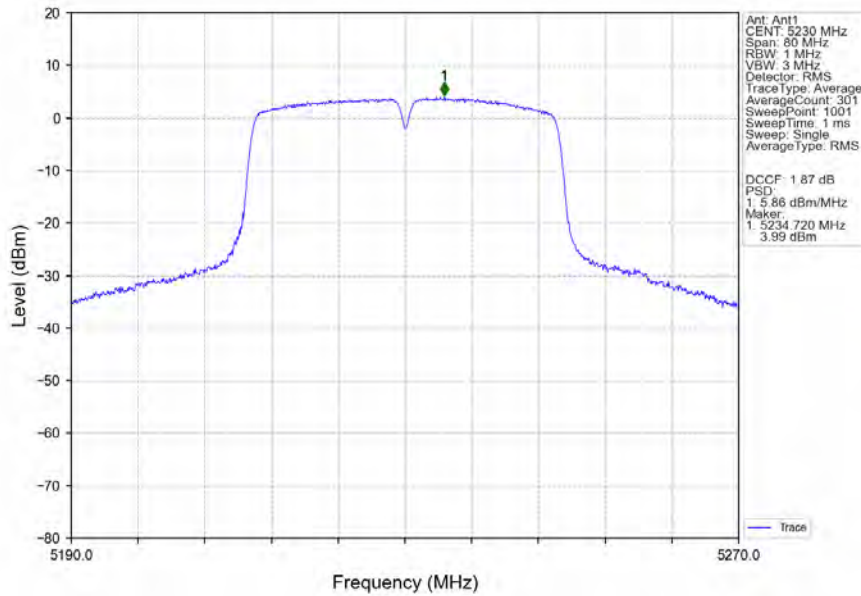
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

