

1. Duty Cycle

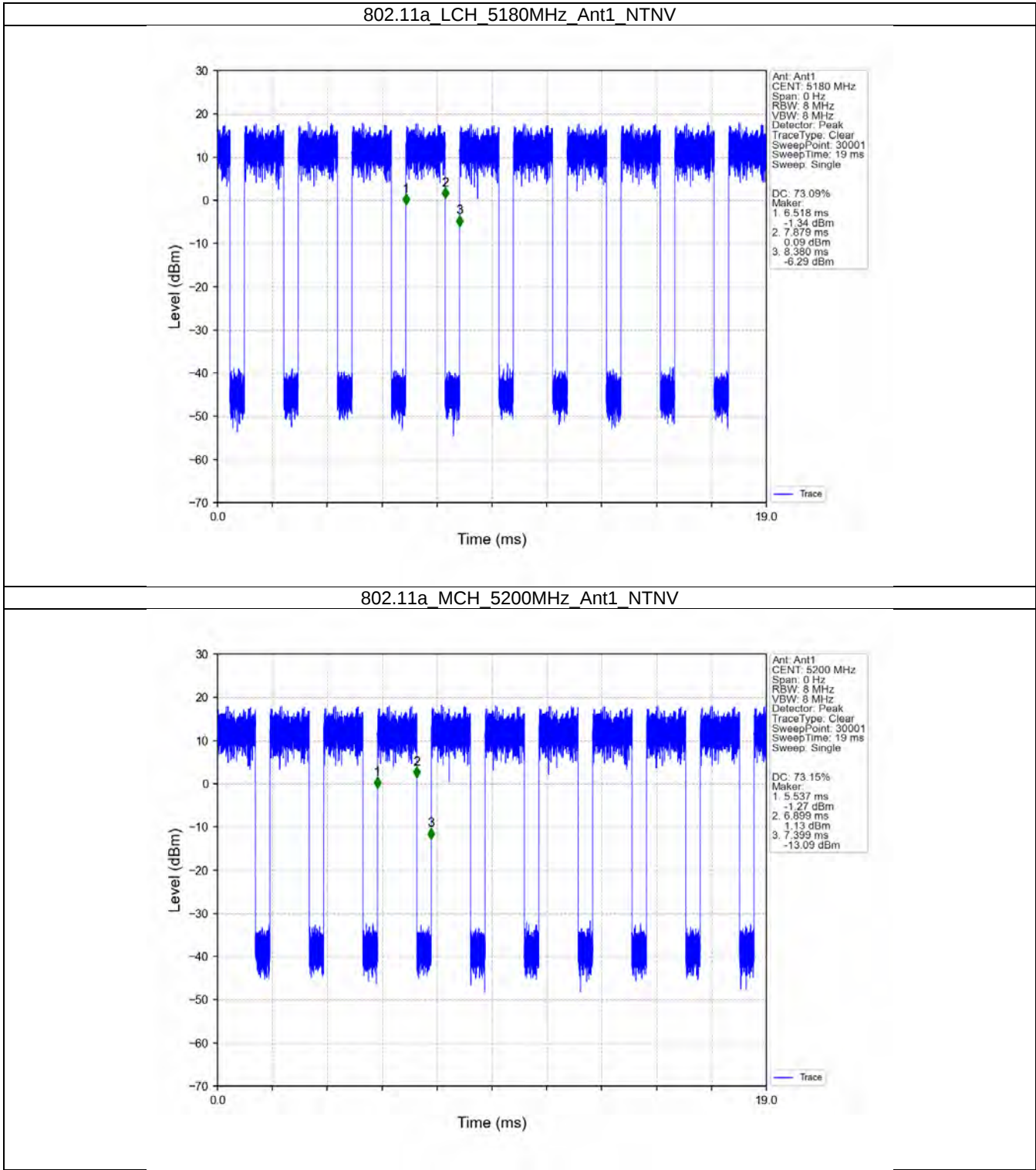
1.1 Test Result

1.1.1 Ant1

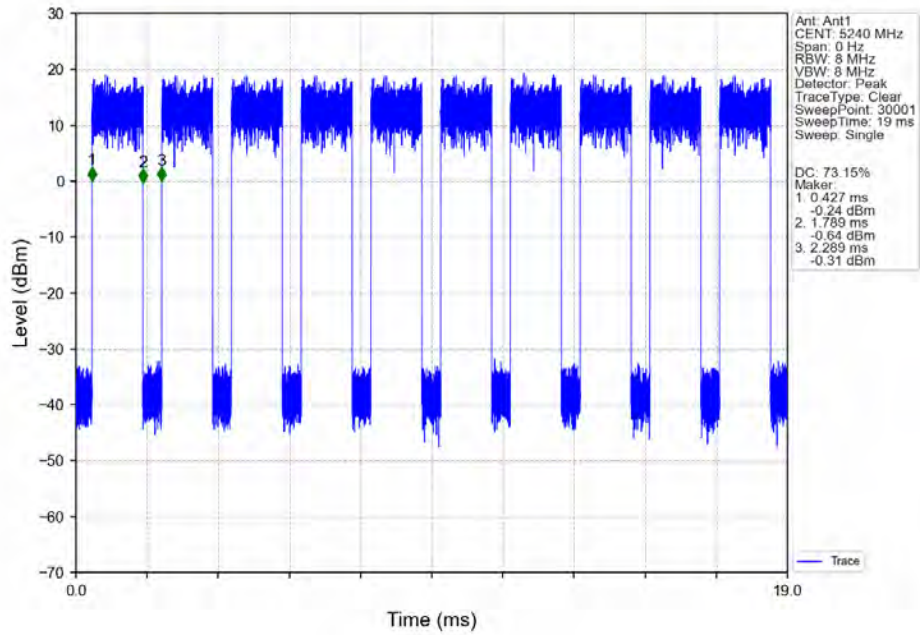
Ant1							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.361	1.862	73.09	1.36	0.03
		5200	1.362	1.862	73.15	1.36	0.03
		5240	1.362	1.862	73.15	1.36	0.03
		5260	1.361	1.862	73.09	1.36	0.01
		5300	1.362	1.862	73.15	1.36	0.03
		5320	1.362	1.862	73.15	1.36	0.01
		5500	1.361	1.862	73.09	1.36	0.03
		5580	1.361	1.862	73.09	1.36	0.03
		5700	1.361	1.862	73.09	1.36	0.03
		5745	1.362	1.862	73.15	1.36	0.03
		5785	1.361	1.862	73.09	1.36	0.03
		5825	1.362	1.862	73.15	1.36	0.01
802.11n (HT20)	MIMO	5180	1.274	1.774	71.82	1.44	0.03
		5200	1.273	1.774	71.76	1.44	0.03
		5240	1.274	1.774	71.82	1.44	0.03
		5260	1.274	1.774	71.82	1.44	0.03
		5300	1.274	1.774	71.82	1.44	0.03
		5320	1.274	1.774	71.82	1.44	0.03
		5500	1.274	1.774	71.82	1.44	0.03
		5580	1.274	1.774	71.82	1.44	0.03
		5700	1.273	1.774	71.76	1.44	0.03
		5745	1.274	1.775	71.77	1.44	0.03
		5785	1.274	1.774	71.82	1.44	0.03
		5825	1.274	1.774	71.82	1.44	0.03
802.11n (HT40)	MIMO	5190	0.634	1.134	55.91	2.53	0.03
		5230	0.634	1.135	55.86	2.53	0.03
		5270	0.634	1.135	55.86	2.53	0.03
		5310	0.634	1.135	55.86	2.53	0.03
		5510	0.634	1.134	55.91	2.53	0.03
		5550	0.634	1.134	55.91	2.53	0.03
		5670	0.634	1.134	55.91	2.53	0.03
		5755	0.634	1.134	55.91	2.53	0.03
		5795	0.633	1.134	55.82	2.53	0.03

1.2 Test Graph

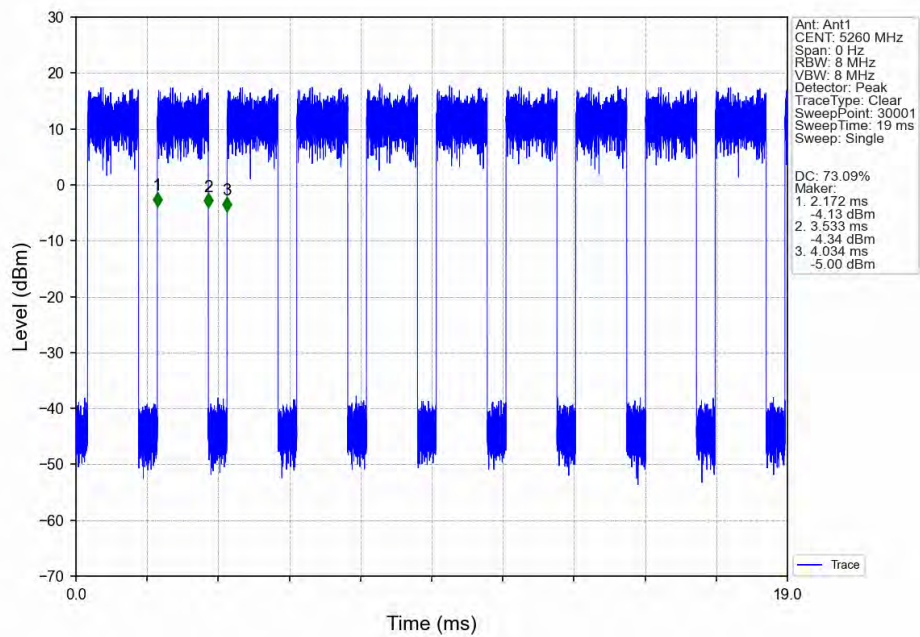
1.2.1 Ant1



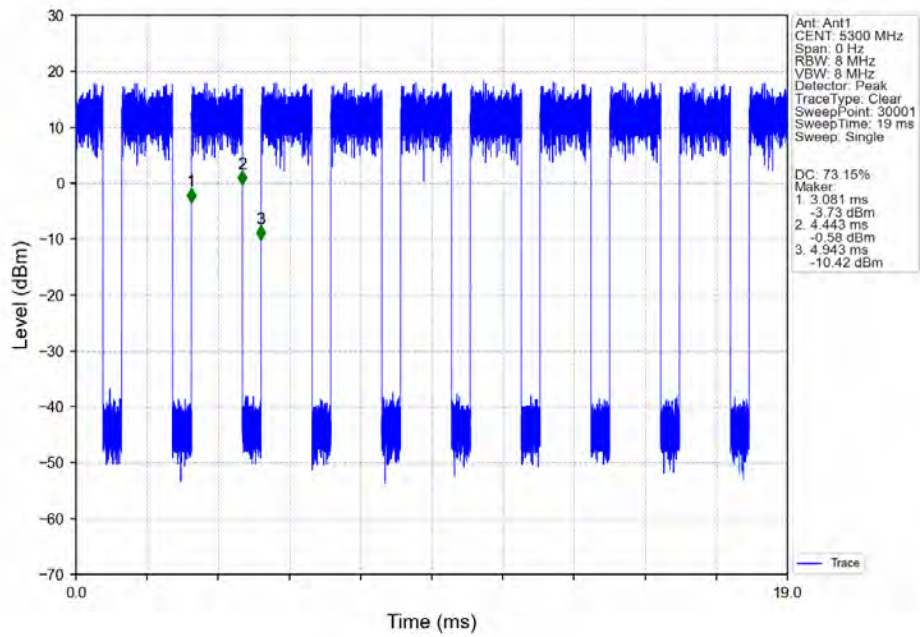
802.11a_HCH_5240MHz_Ant1_NTNV



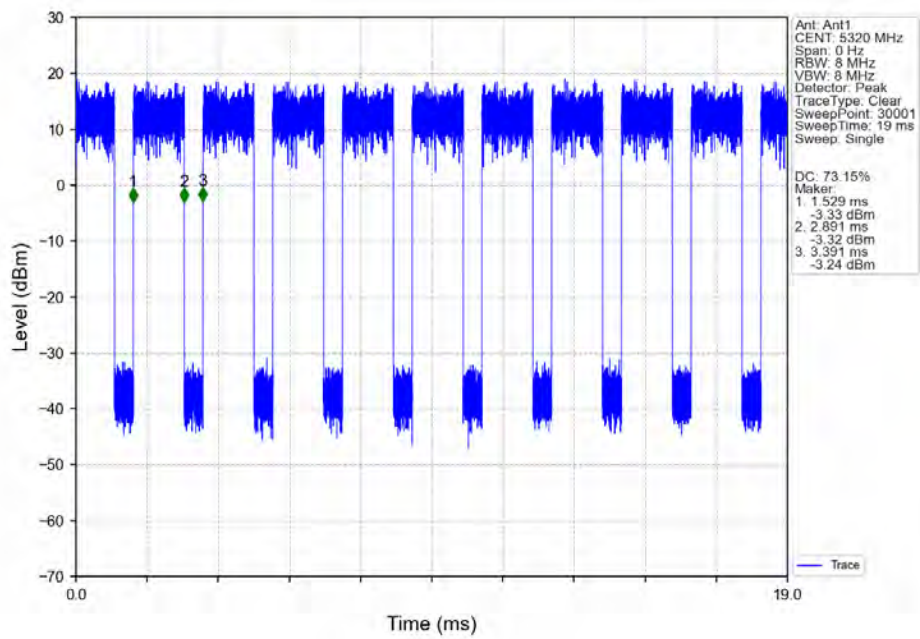
802.11a_LCH_5260MHz_Ant1_NTNV



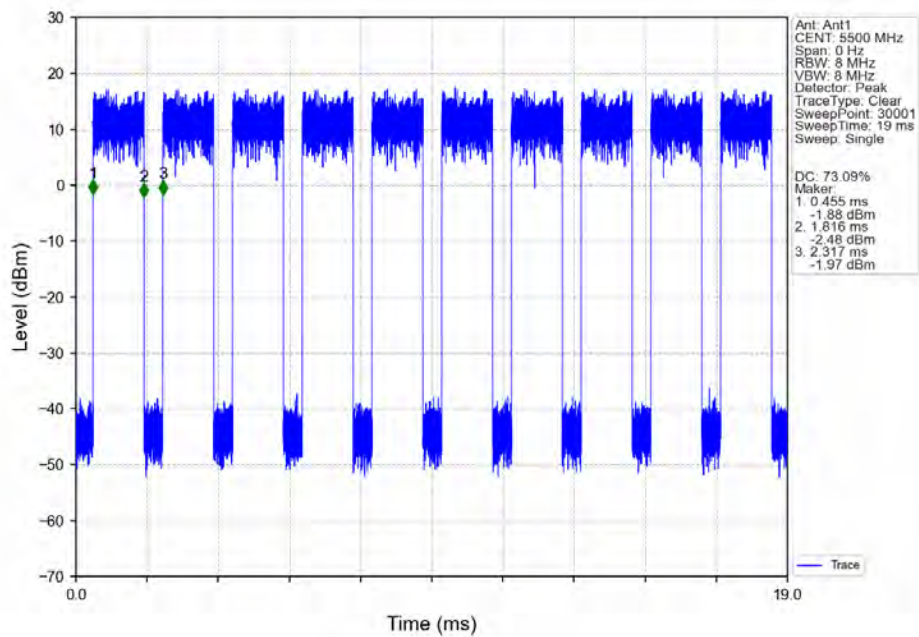
802.11a_MCH_5300MHz_Ant1_NTNV



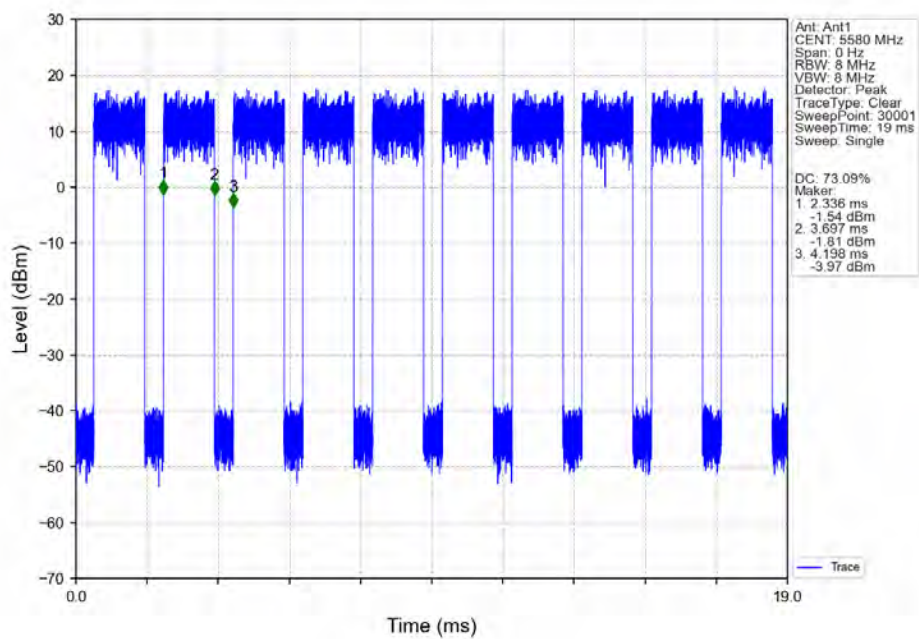
802.11a_HCH_5320MHz_Ant1_NTNV



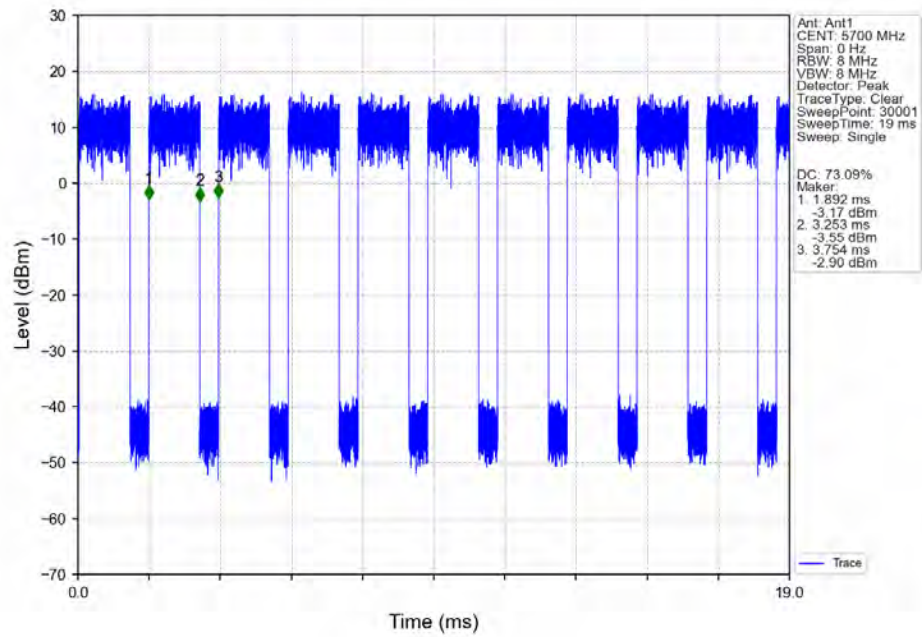
802.11a_LCH_5500MHz_Ant1_NTNV



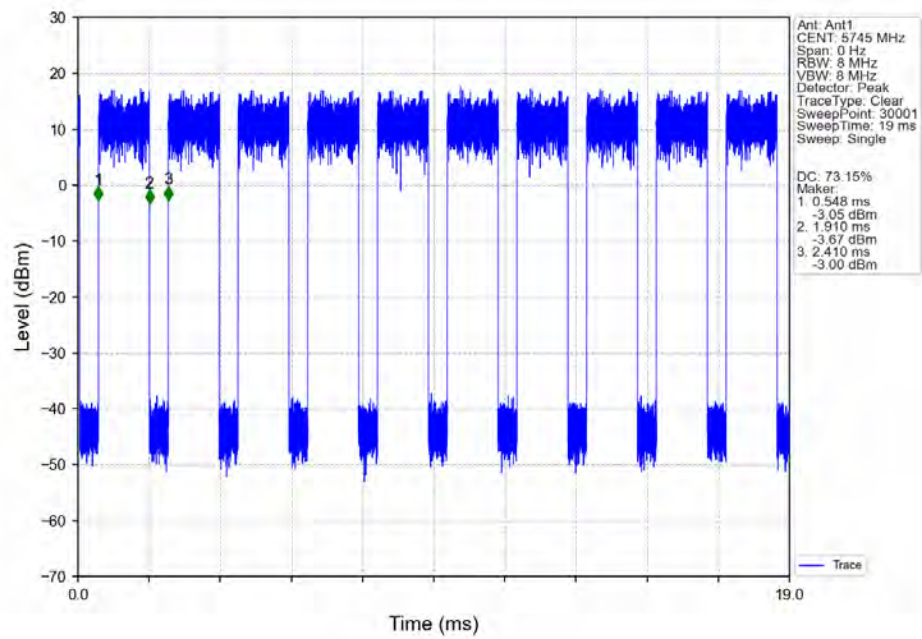
802.11a_MCH_5580MHz_Ant1_NTNV



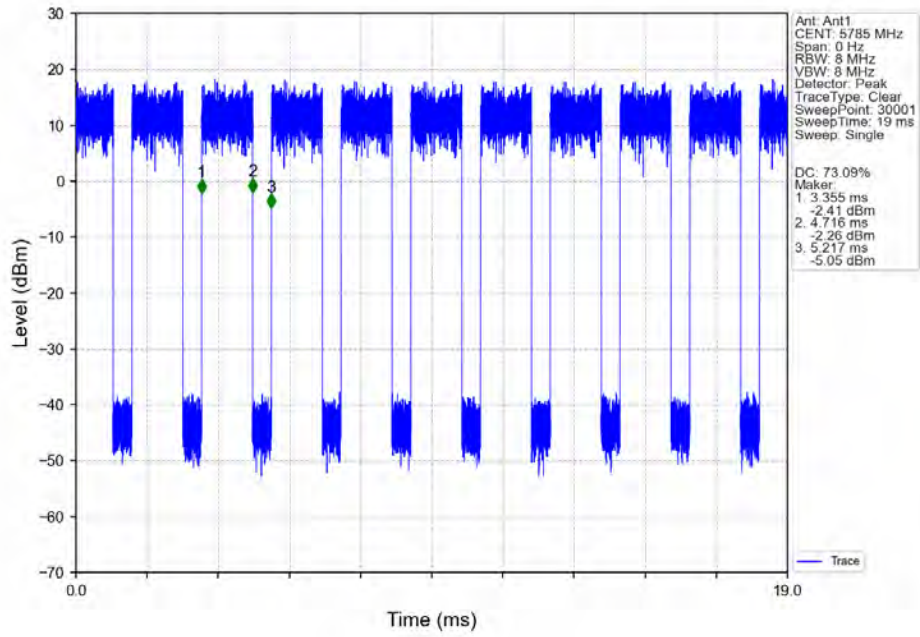
802.11a_HCH_5700MHz_Ant1_NTNV



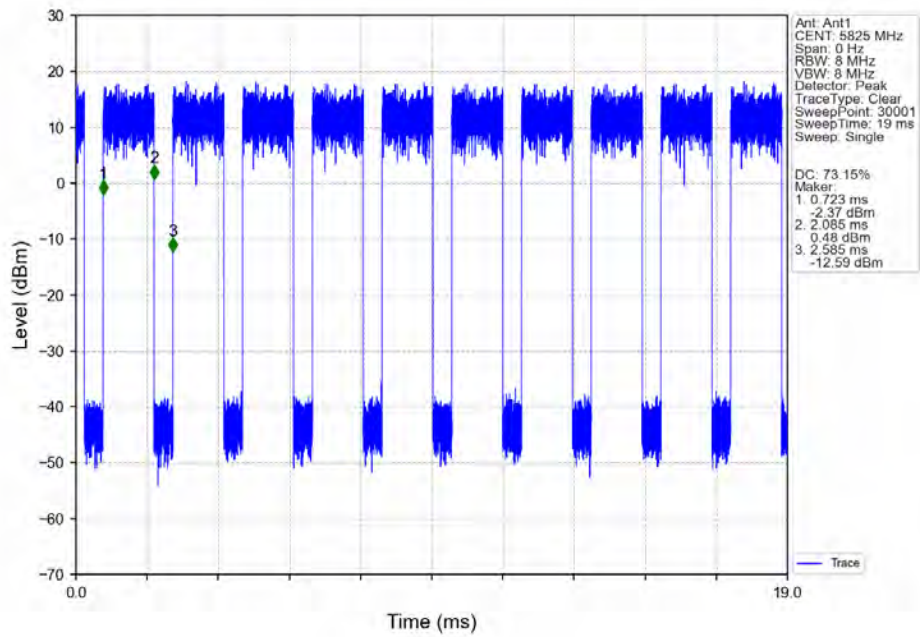
802.11a_LCH_5745MHz_Ant1_NTNV



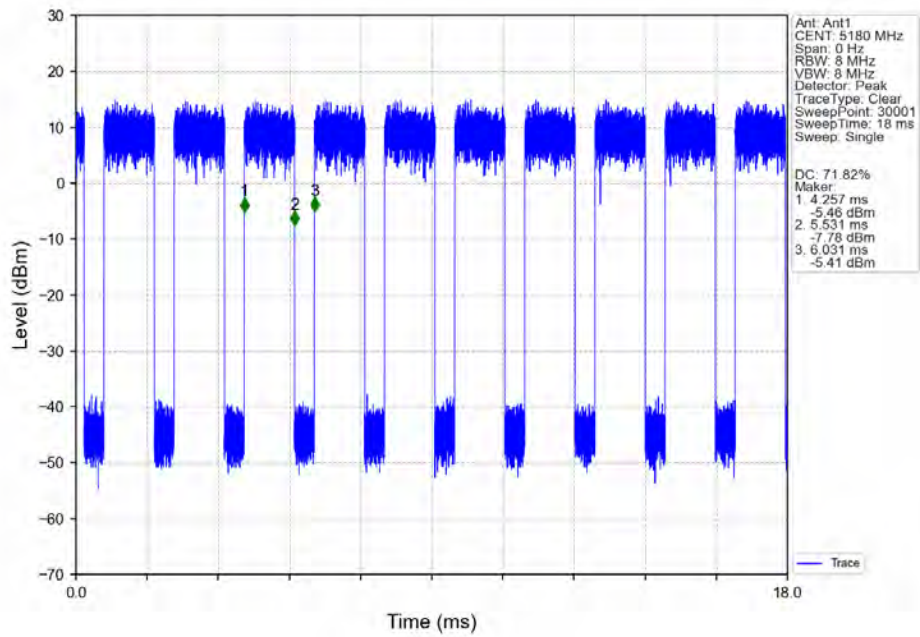
802.11a_MCH_5785MHz_Ant1_NTNV



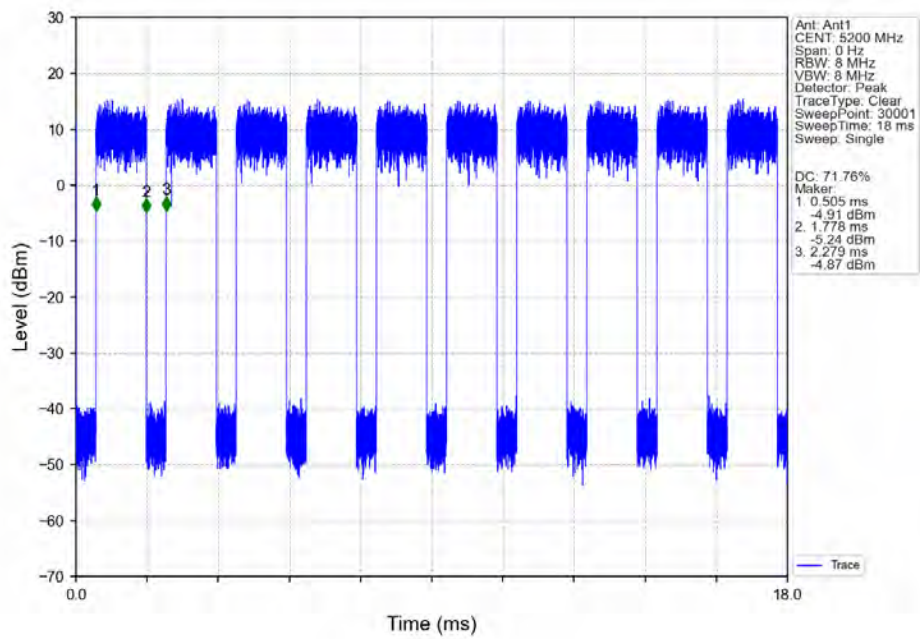
802.11a_HCH_5825MHz_Ant1_NTNV



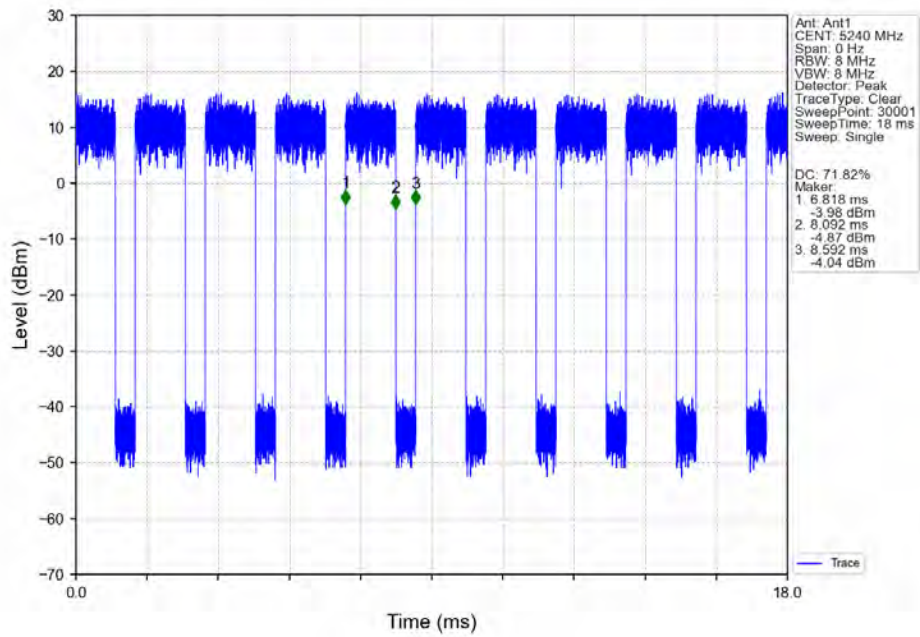
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



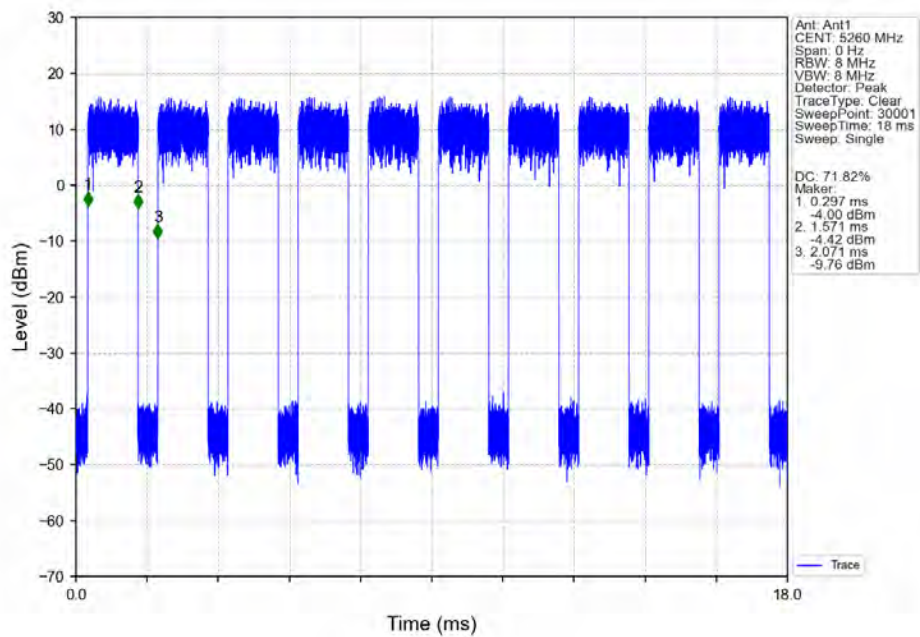
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



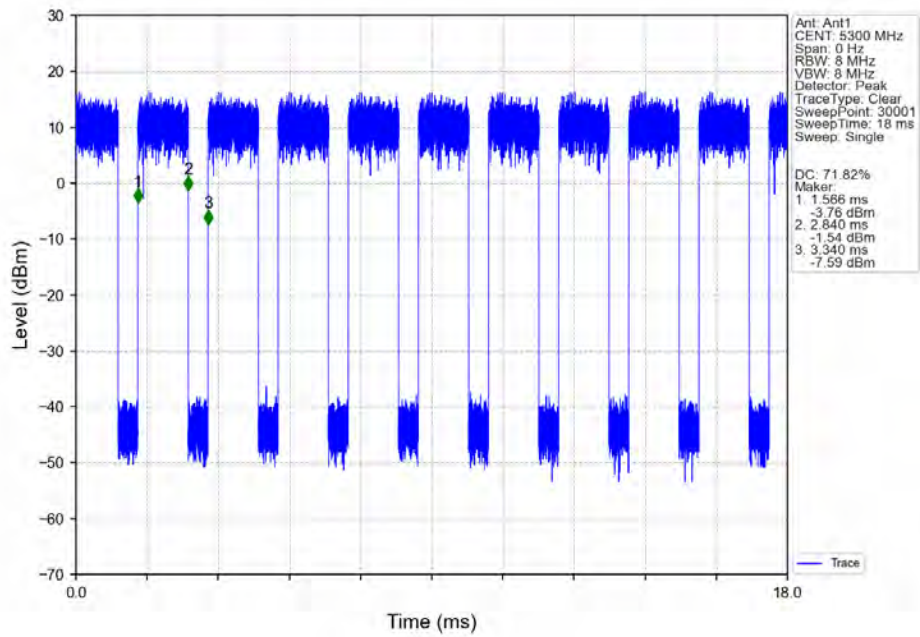
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



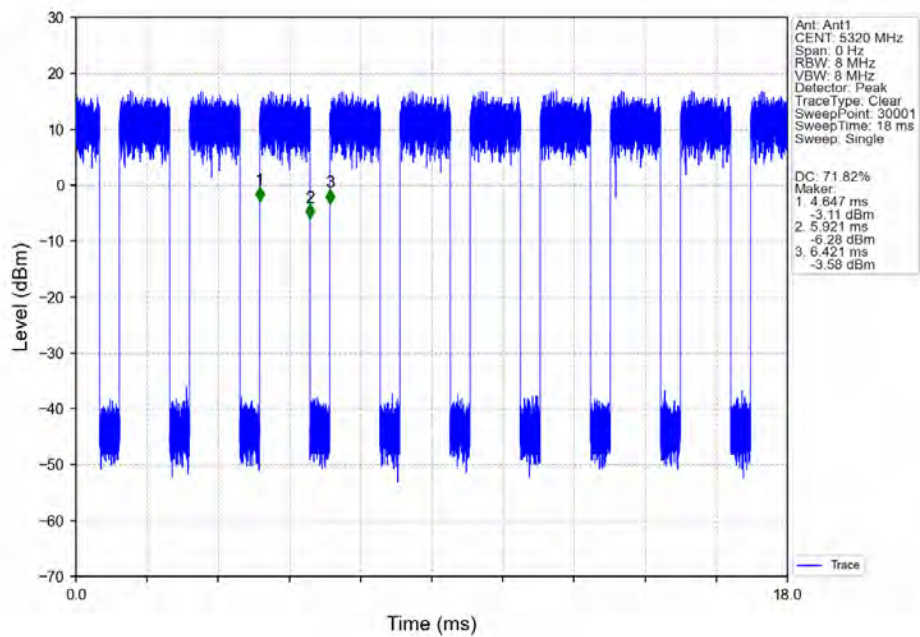
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



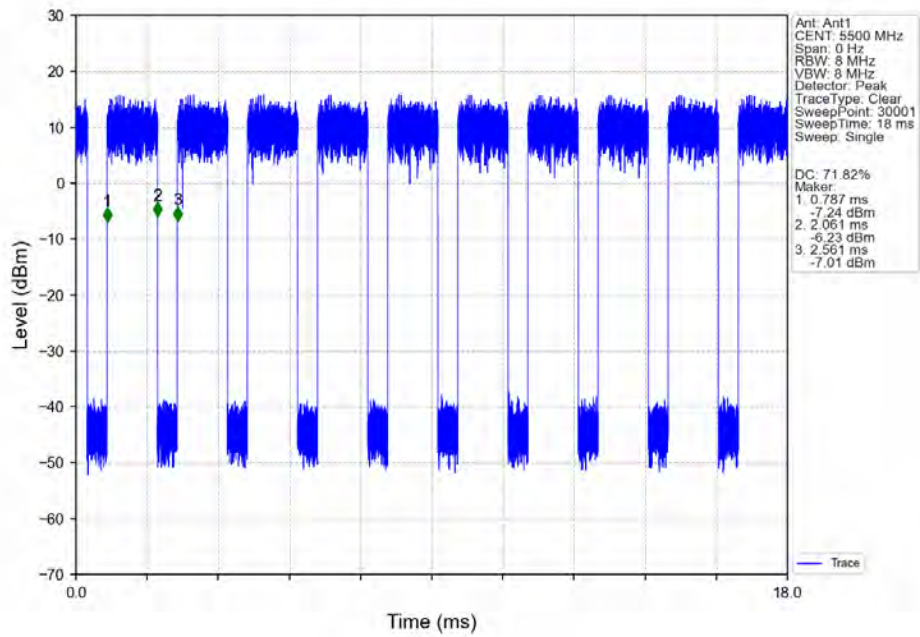
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



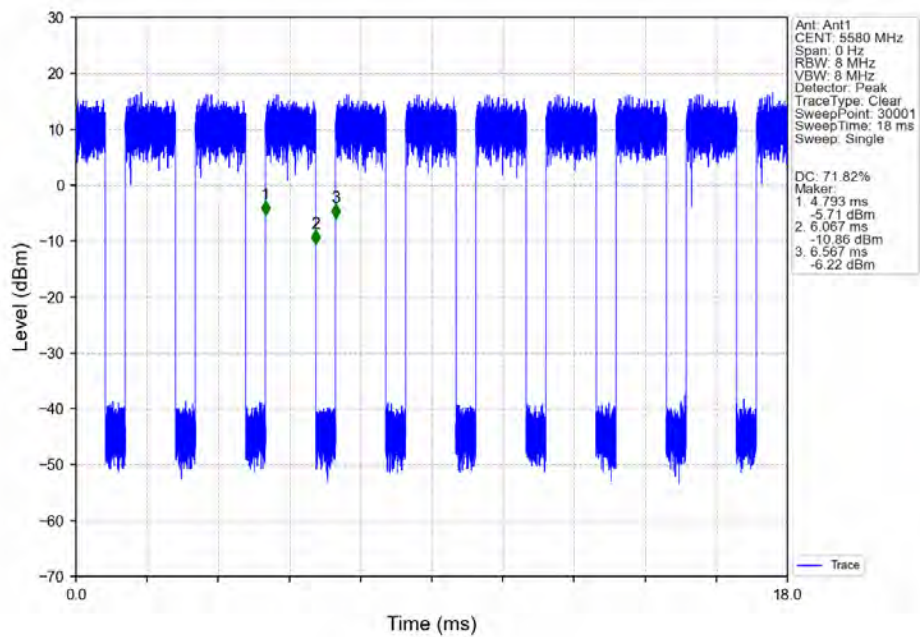
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



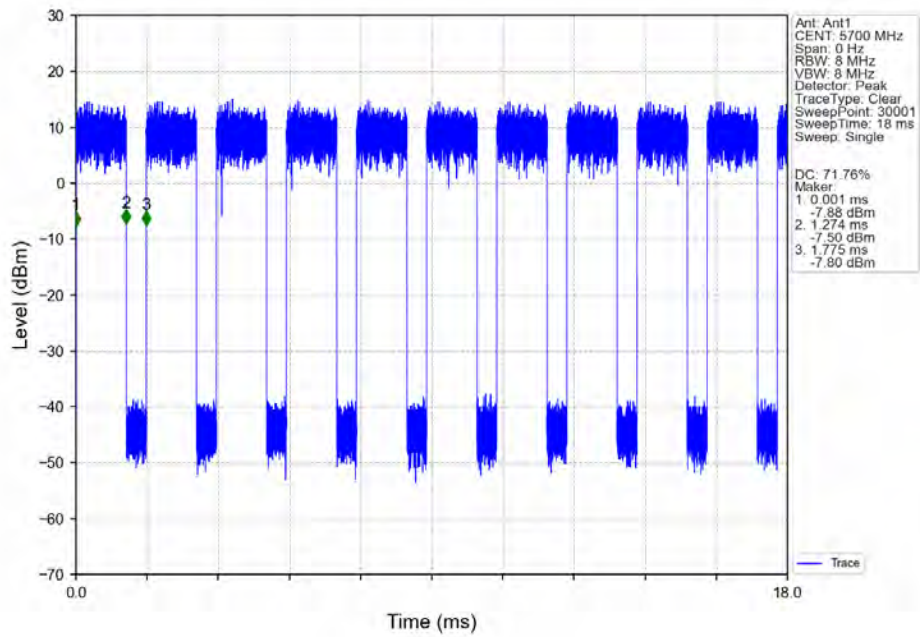
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



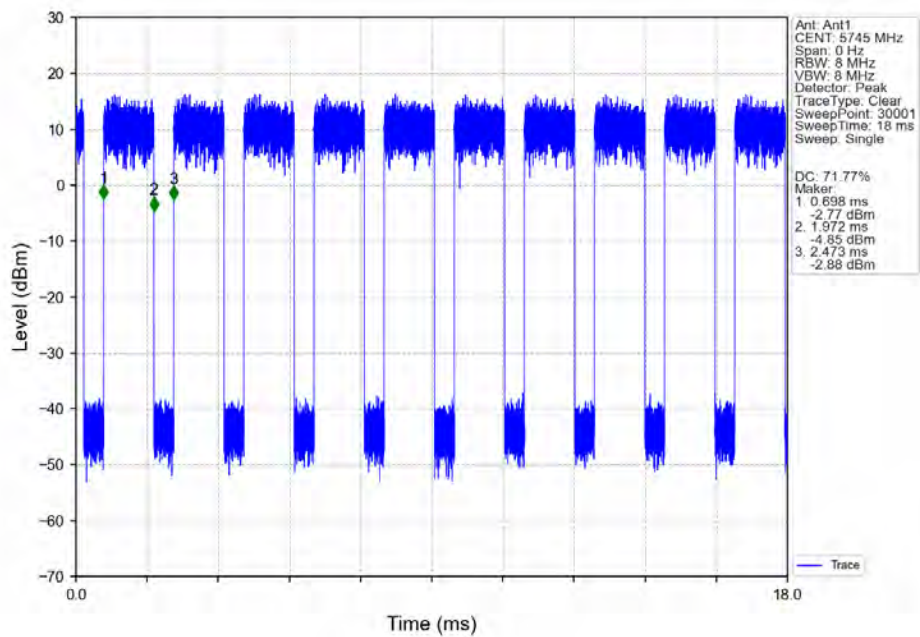
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



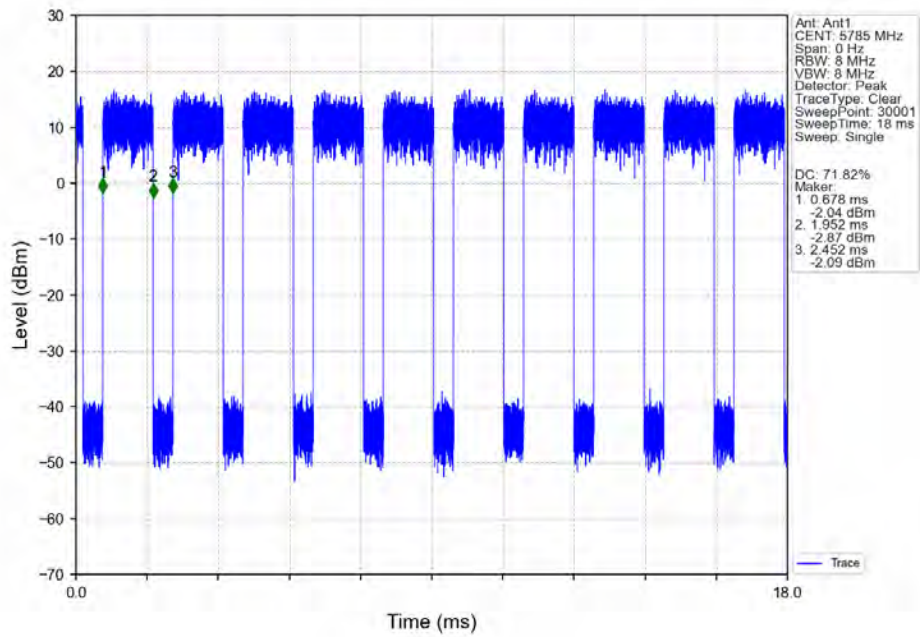
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



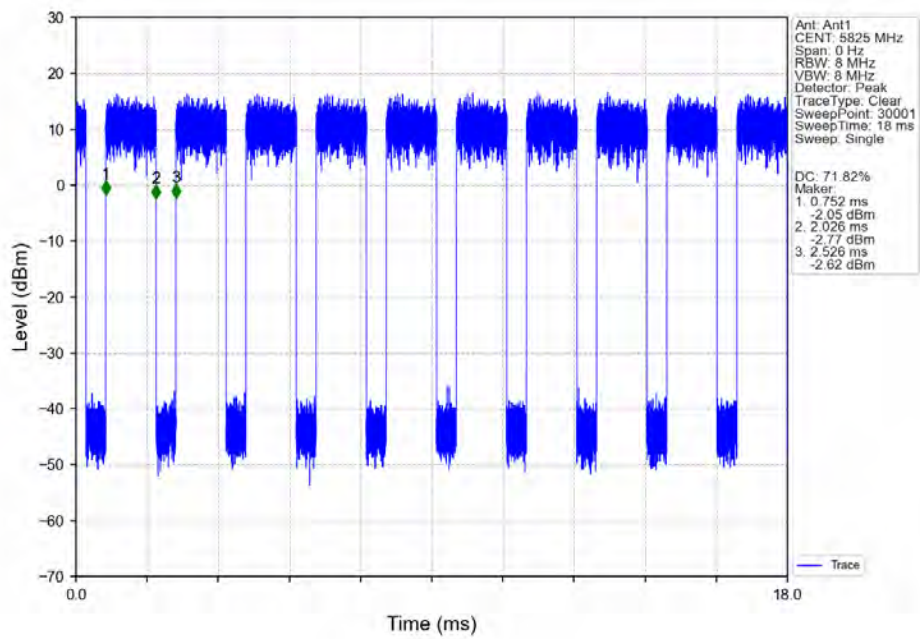
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



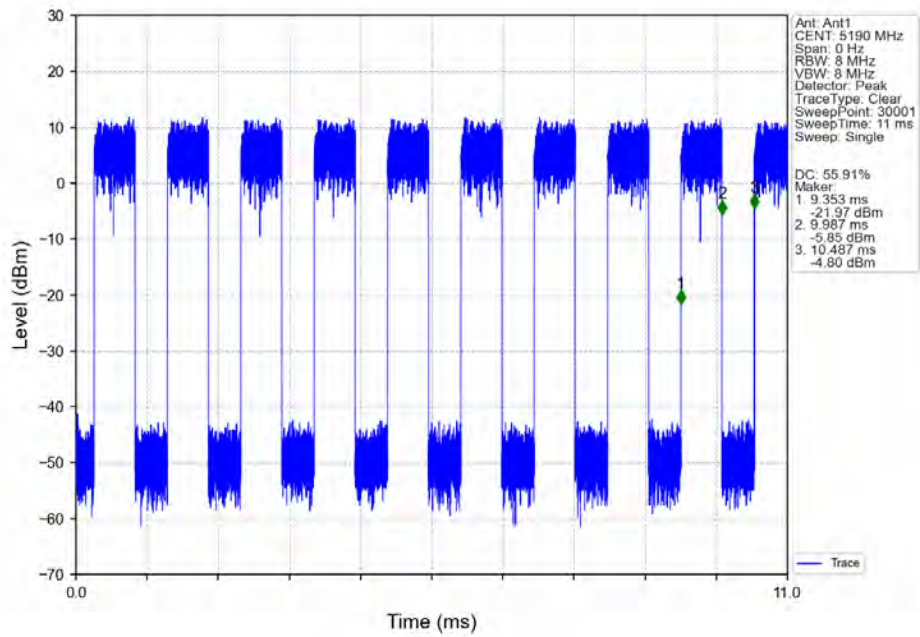
802.11n(HT20) MCH 5785MHz Ant1 NTN



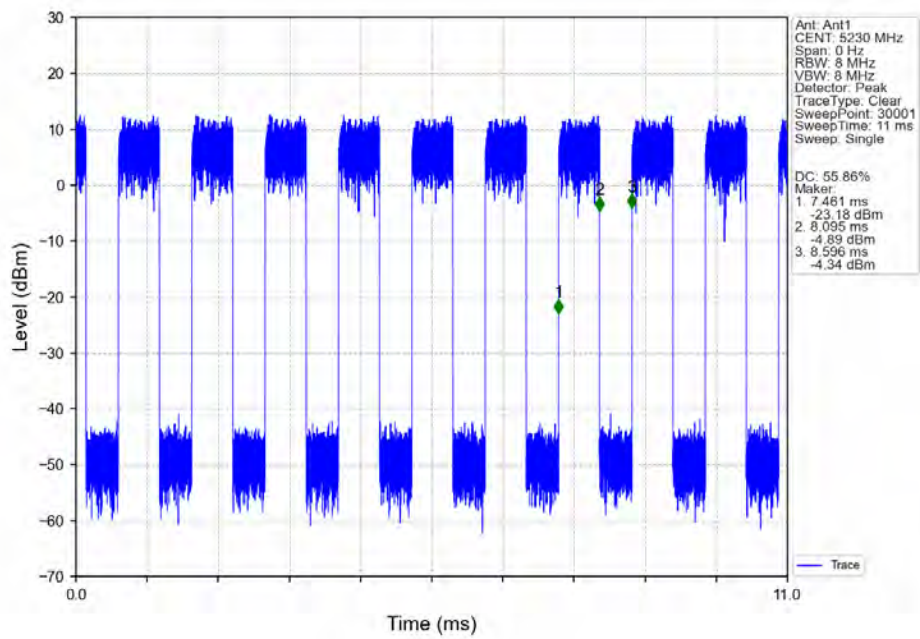
802.11n(HT20) HCH 5825MHz Ant1 NTN



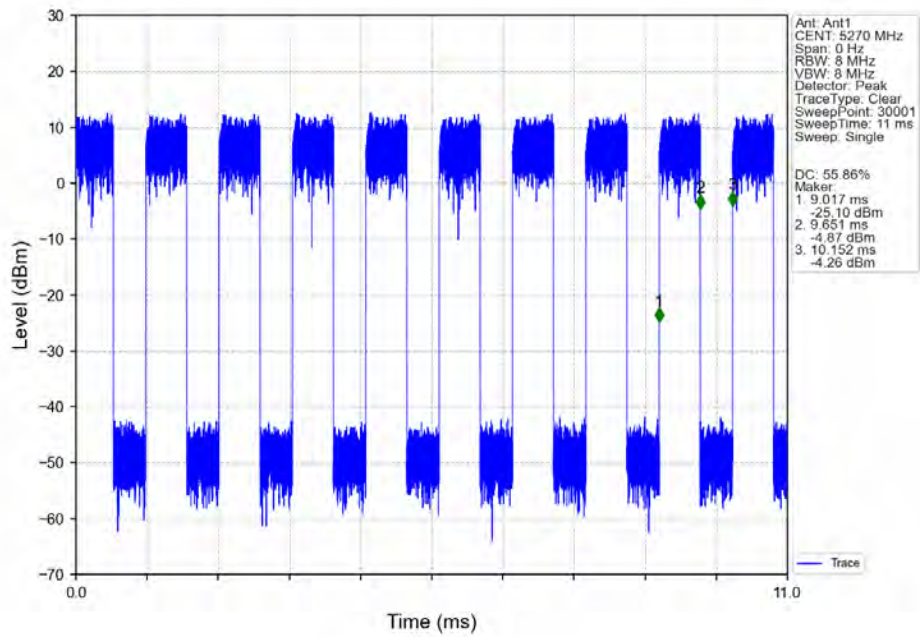
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



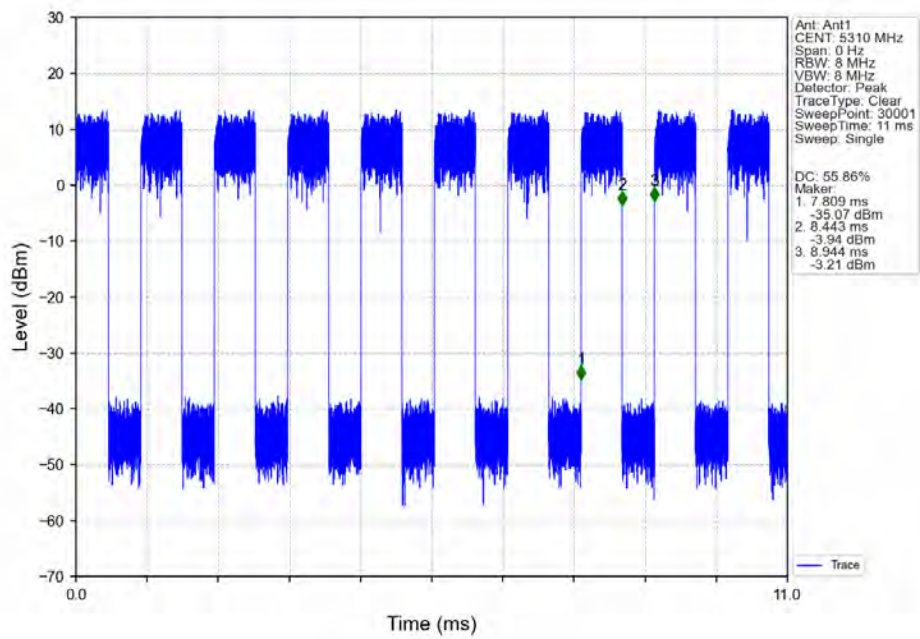
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



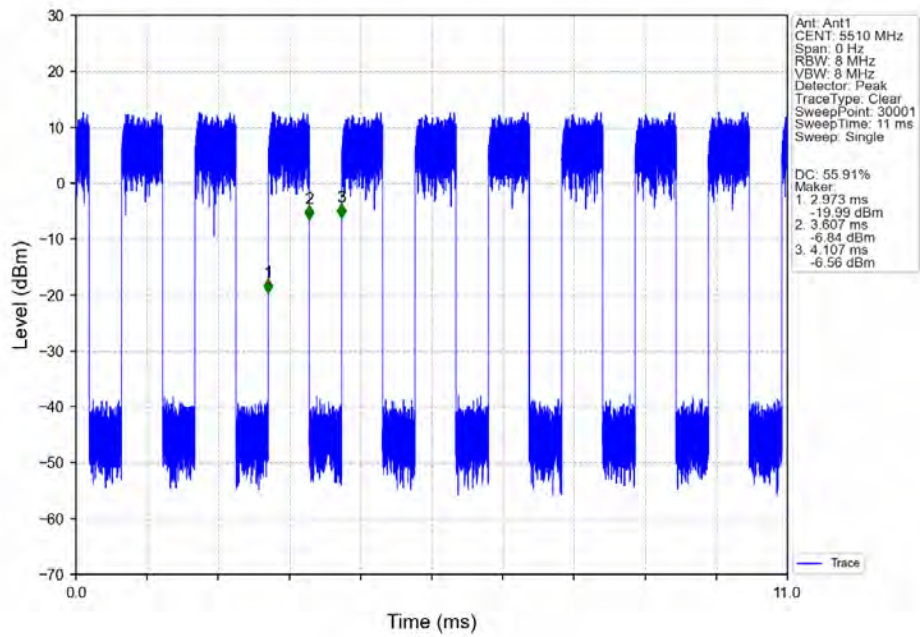
802.11n(HT40) LCH 5270MHz Ant1 NTN



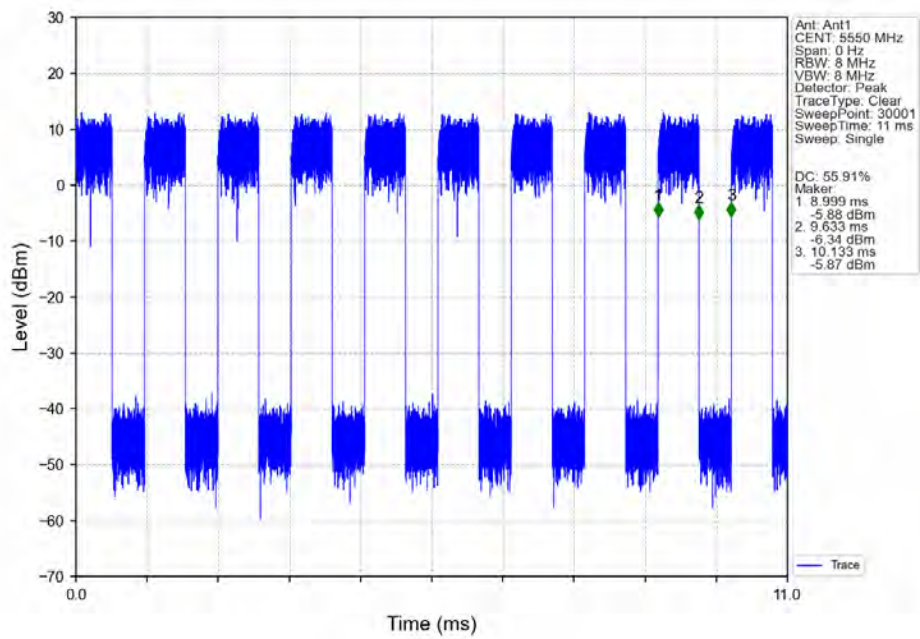
802.11n(HT40) HCH 5310MHz Ant1 NTN



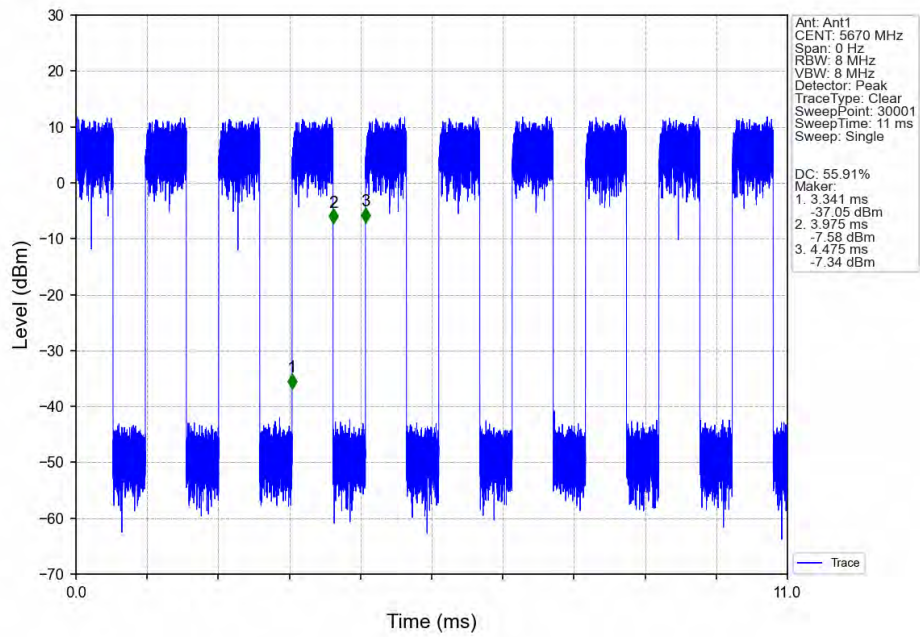
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



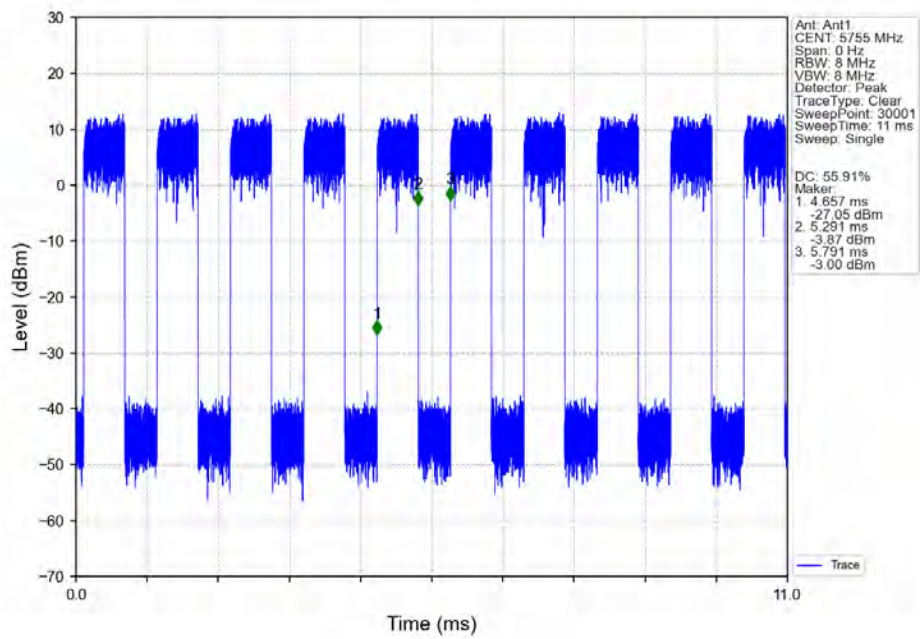
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



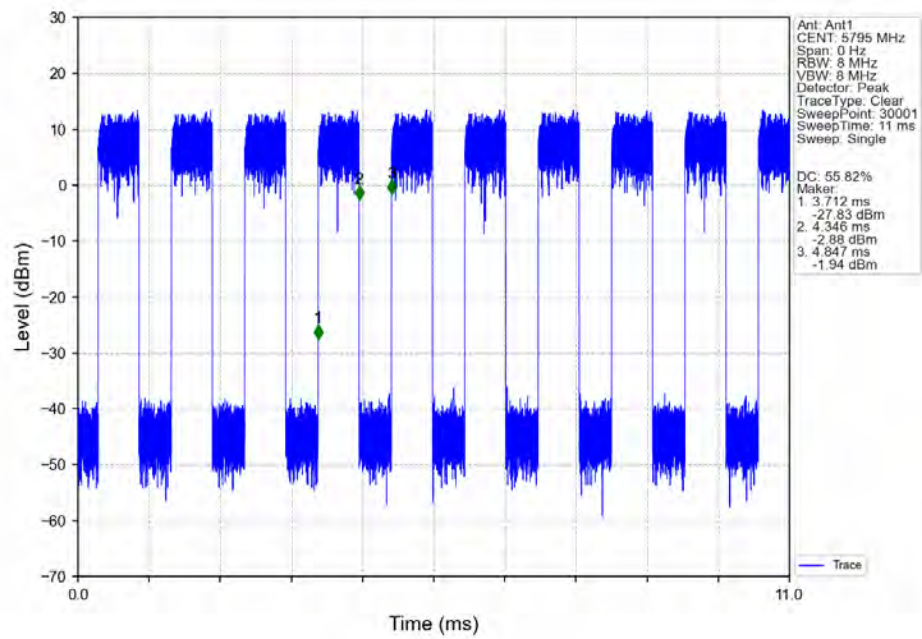
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_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	16.590	/	Pass
		5200	1	16.556	/	Pass
		5240	1	16.581	/	Pass
		5260	1	16.614	/	Pass
		5300	1	16.604	/	Pass
		5320	1	16.624	/	Pass
		5500	1	16.597	/	Pass
		5580	1	16.623	/	Pass
		5700	1	16.613	/	Pass
		5745	1	16.627	/	Pass
		5785	1	16.578	/	Pass
		5825	1	16.595	/	Pass
802.11n (HT20)	MIMO	5180	1	17.730	/	Pass
		5200	1	17.711	/	Pass
		5240	1	17.702	/	Pass
		5260	1	17.705	/	Pass
		5300	1	17.724	/	Pass
		5320	1	17.726	/	Pass
		5500	1	17.722	/	Pass
		5580	1	17.734	/	Pass
		5700	1	17.739	/	Pass
		5745	1	17.742	/	Pass
		5785	1	17.718	/	Pass
		5825	1	17.733	/	Pass
802.11n (HT40)	MIMO	5190	1	36.312	/	Pass
		5230	1	36.326	/	Pass
		5270	1	36.355	/	Pass
		5310	1	36.206	/	Pass
		5510	1	36.270	/	Pass
		5550	1	36.242	/	Pass
		5670	1	36.357	/	Pass
		5755	1	36.325	/	Pass
		5795	1	36.217	/	Pass

2.1.2 26dB BW

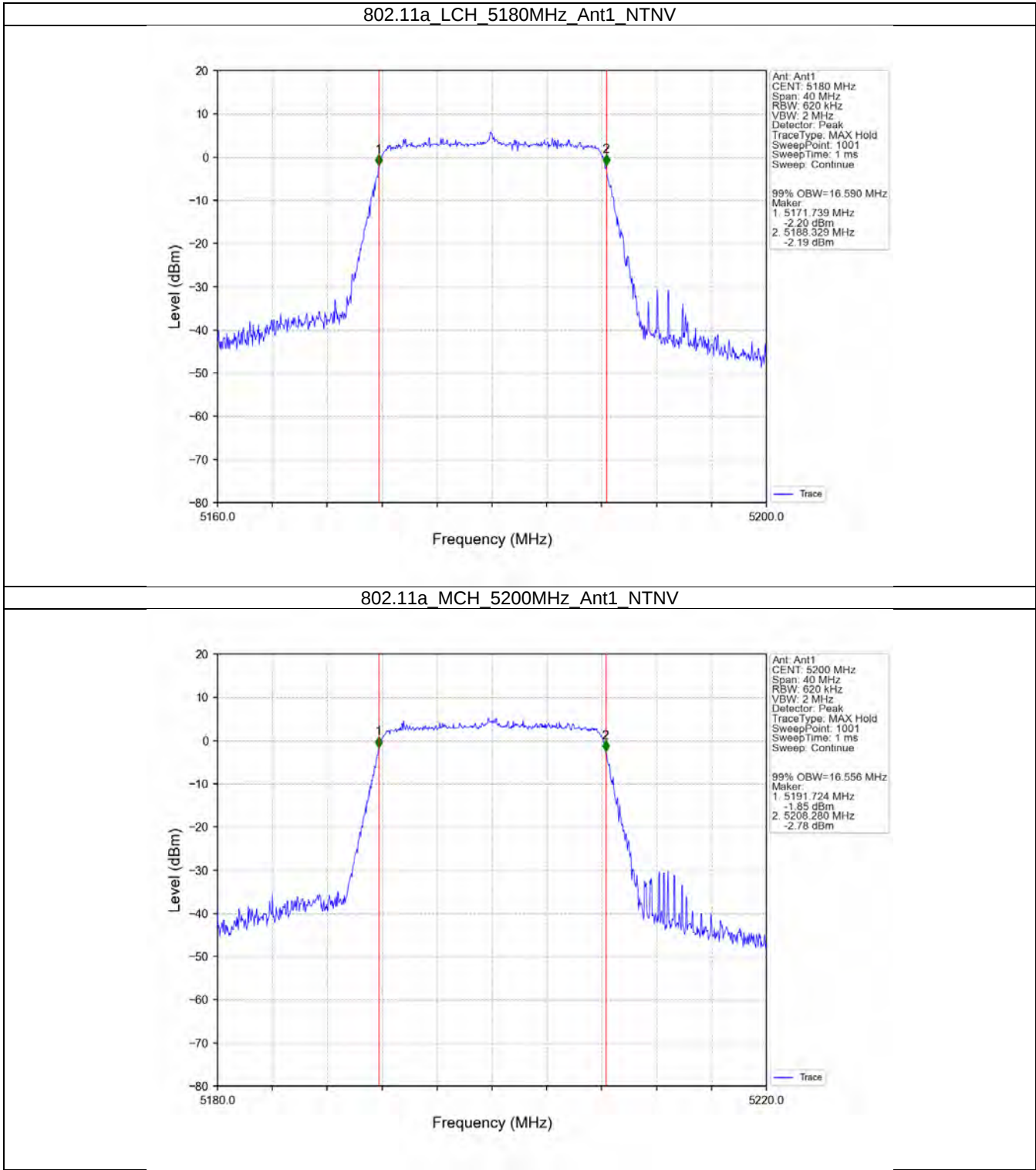
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	18.735	/	Pass
		5200	1	18.691	/	Pass
		5240	1	18.582	/	Pass
		5260	1	18.760	/	Pass
		5300	1	18.792	/	Pass
		5320	1	18.855	/	Pass
		5500	1	18.731	/	Pass
		5580	1	19.008	/	Pass
802.11n (HT20)	MIMO	5700	1	18.807	/	Pass
		5180	1	19.792	/	Pass
		5200	1	19.737	/	Pass
		5240	1	19.887	/	Pass
		5260	1	19.710	/	Pass
		5300	1	19.847	/	Pass
		5320	1	19.908	/	Pass
		5500	1	19.644	/	Pass
802.11n (HT40)	MIMO	5580	1	19.750	/	Pass
		5700	1	19.840	/	Pass
		5190	1	41.619	/	Pass
		5230	1	41.917	/	Pass
		5270	1	41.060	/	Pass
		5310	1	41.526	/	Pass
		5510	1	41.647	/	Pass
		5550	1	41.394	/	Pass
		5670	1	41.727	/	Pass

2.1.3 6dB BW

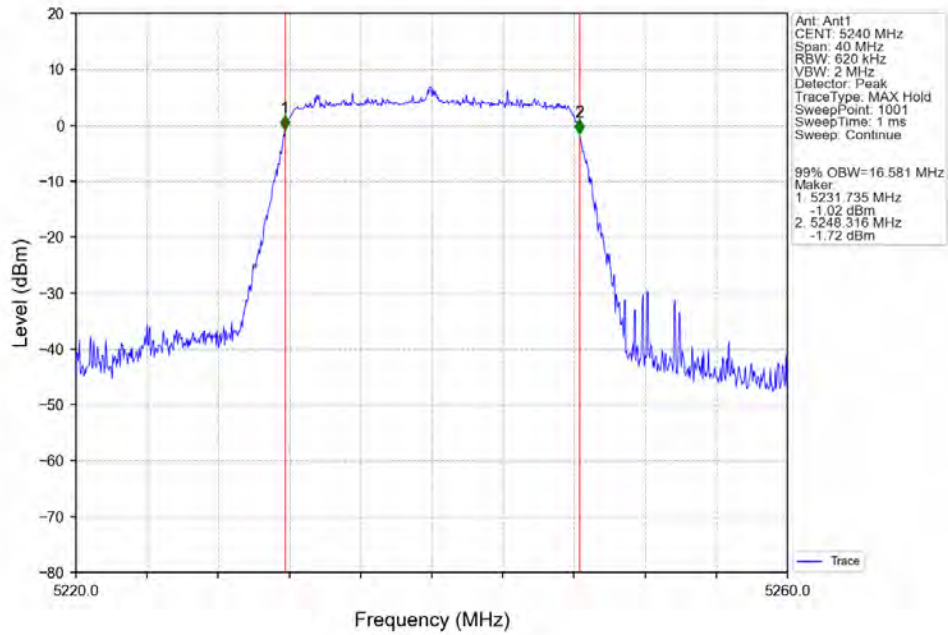
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.353	≥ 0.5	Pass
		5785	1	16.354	≥ 0.5	Pass
		5825	1	16.342	≥ 0.5	Pass
802.11n (HT20)	MIMO	5745	1	17.230	≥ 0.5	Pass
		5785	1	17.179	≥ 0.5	Pass
		5825	1	17.219	≥ 0.5	Pass
802.11n (HT40)	MIMO	5755	1	35.047	≥ 0.5	Pass
		5795	1	32.552	≥ 0.5	Pass

2.2 Test Graph

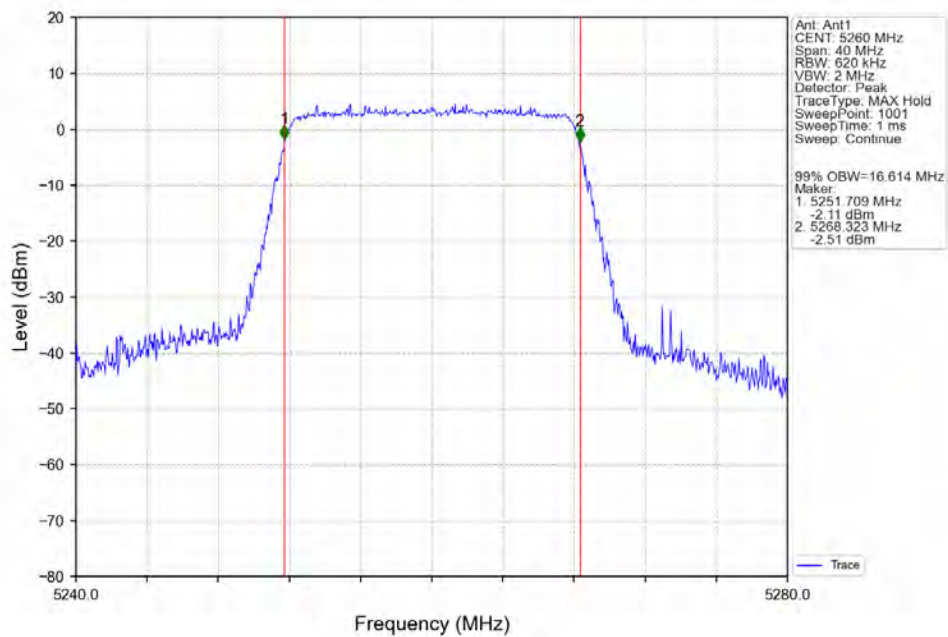
2.2.1 OBW



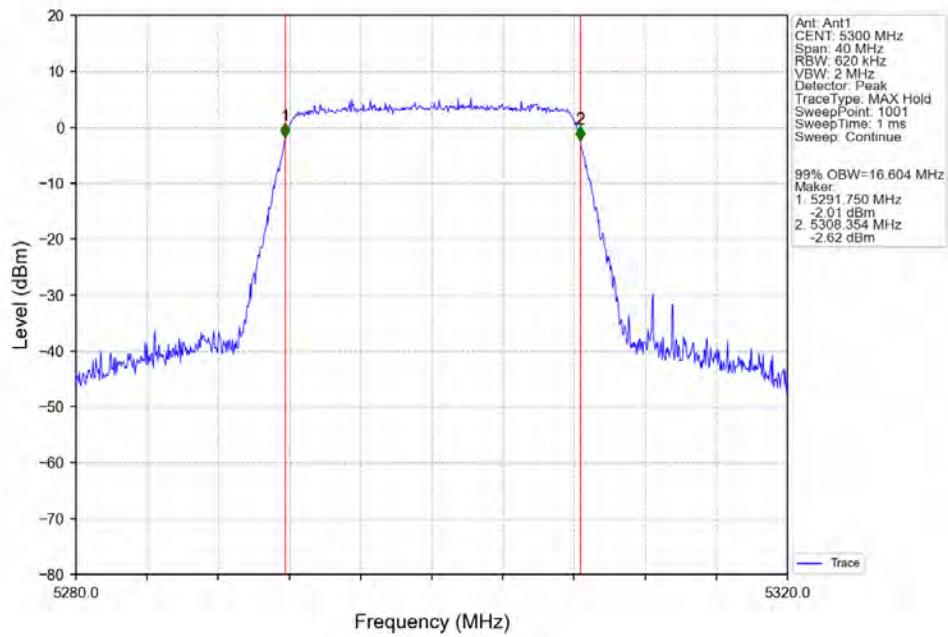
802.11a_HCH_5240MHz_Ant1_NTNV



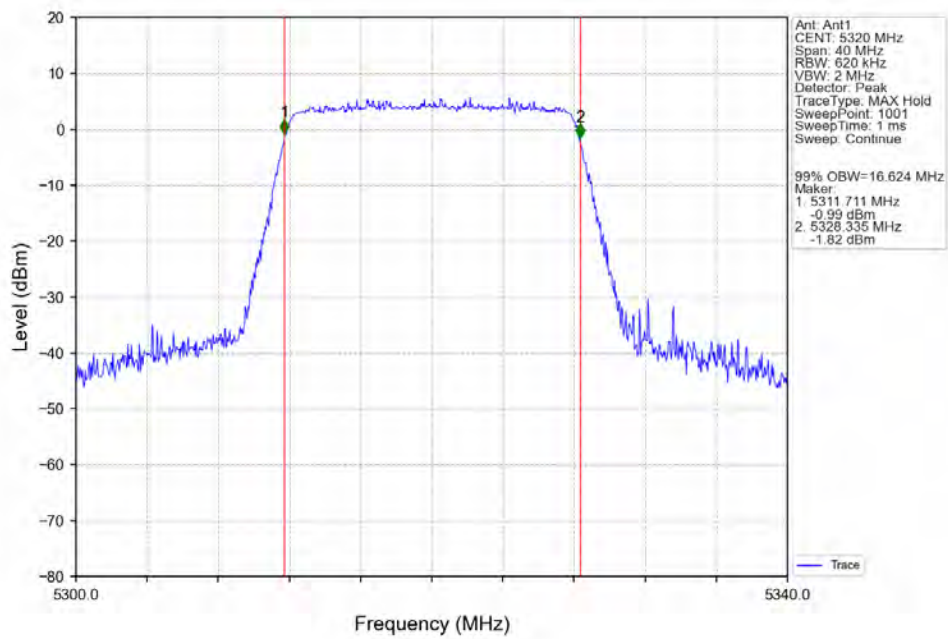
802.11a_LCH_5260MHz_Ant1_NTNV



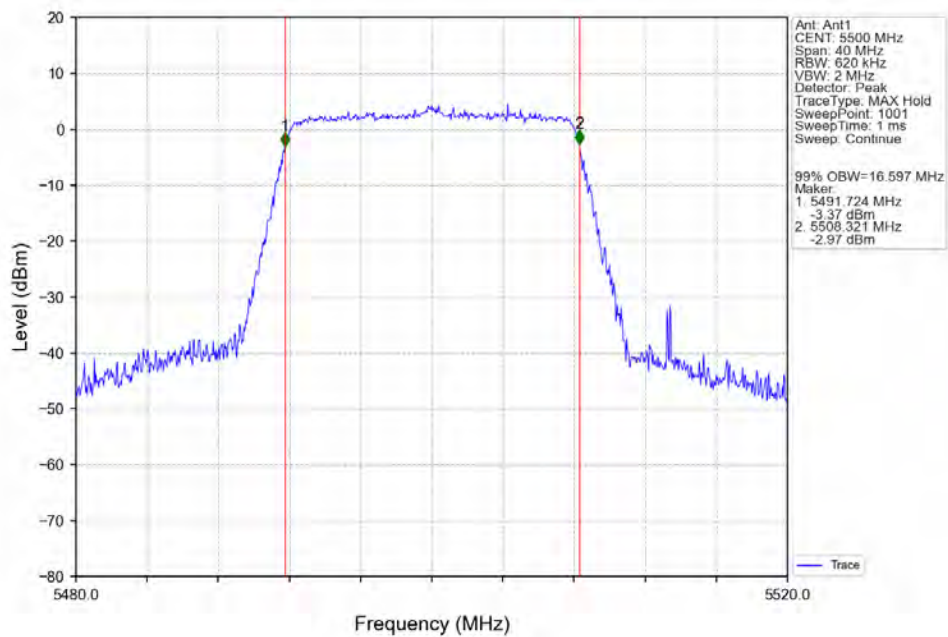
802.11a_MCH_5300MHz_Ant1_NTNV



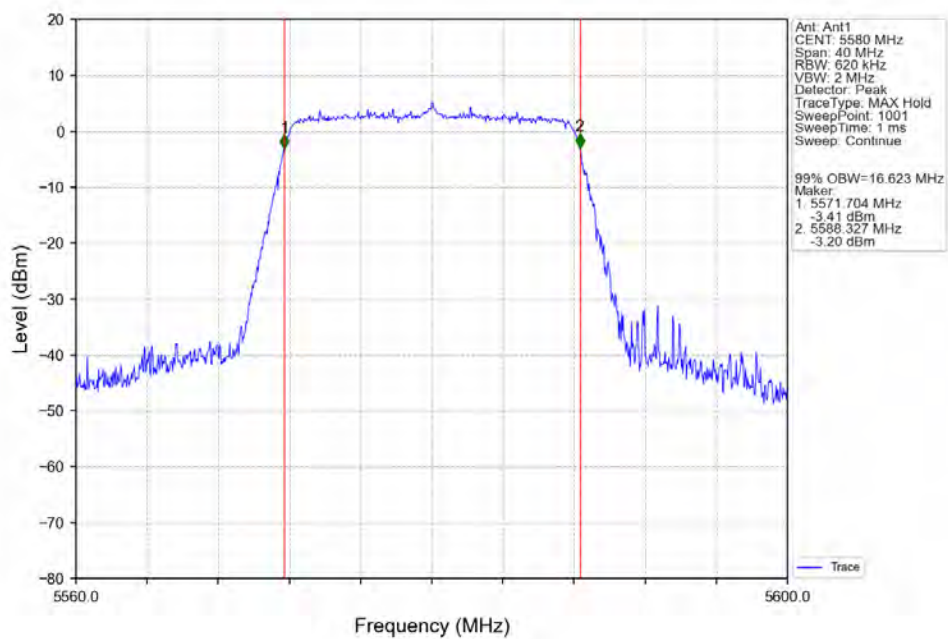
802.11a_HCH_5320MHz_Ant1_NTNV



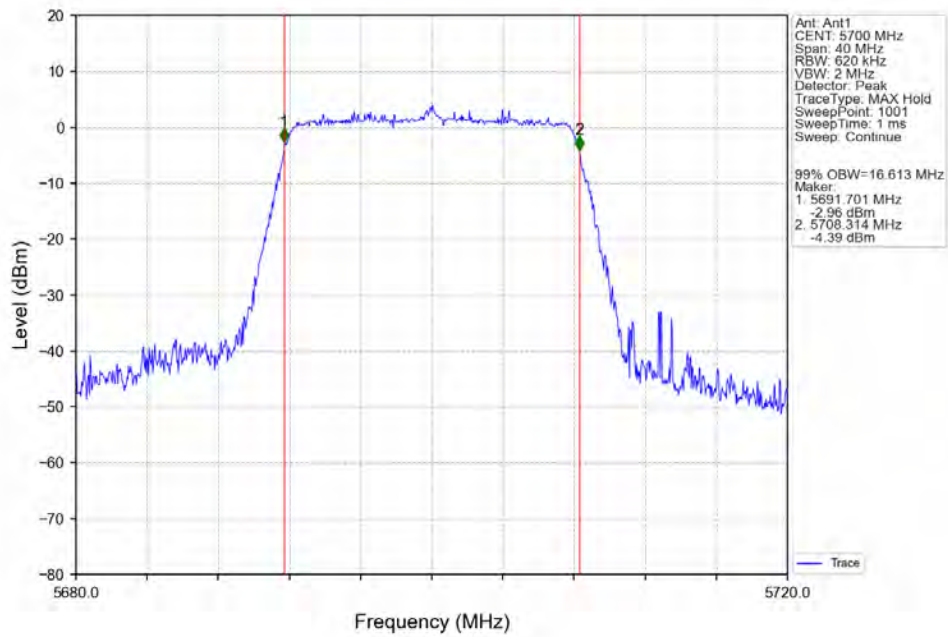
802.11a_LCH_5500MHz_Ant1_NTNV



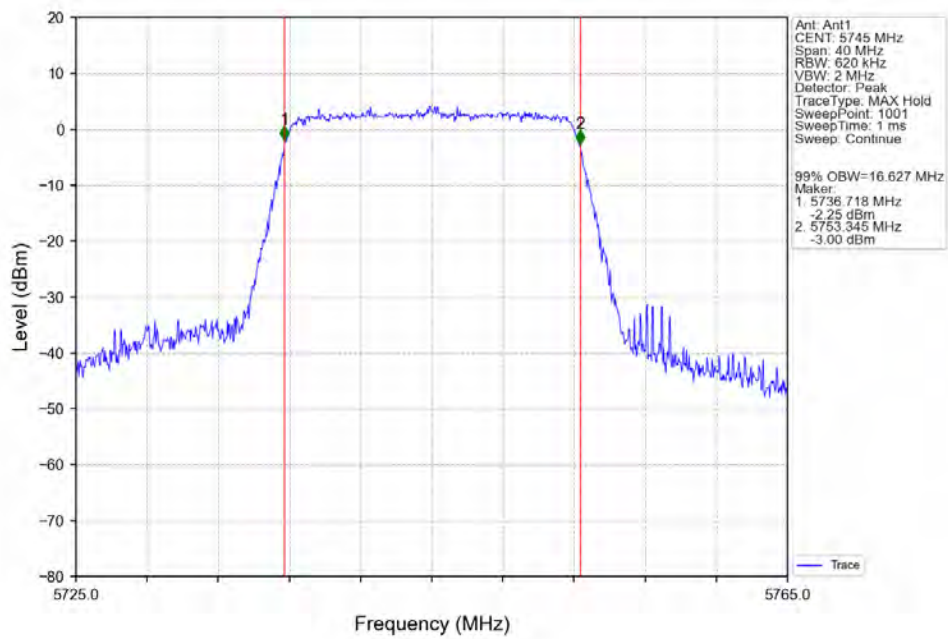
802.11a_MCH_5580MHz_Ant1_NTNV



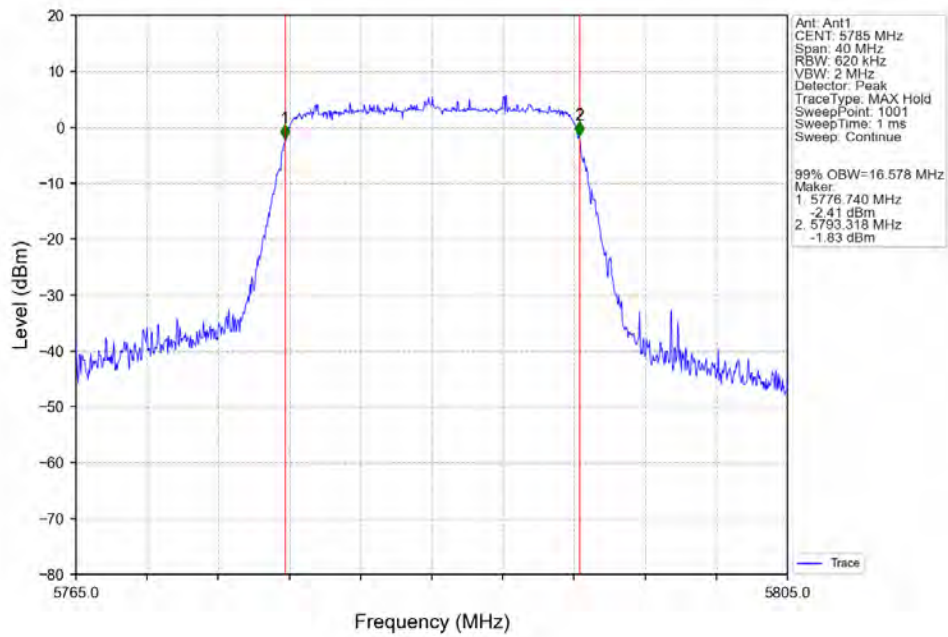
802.11a_HCH_5700MHz_Ant1_NTNV



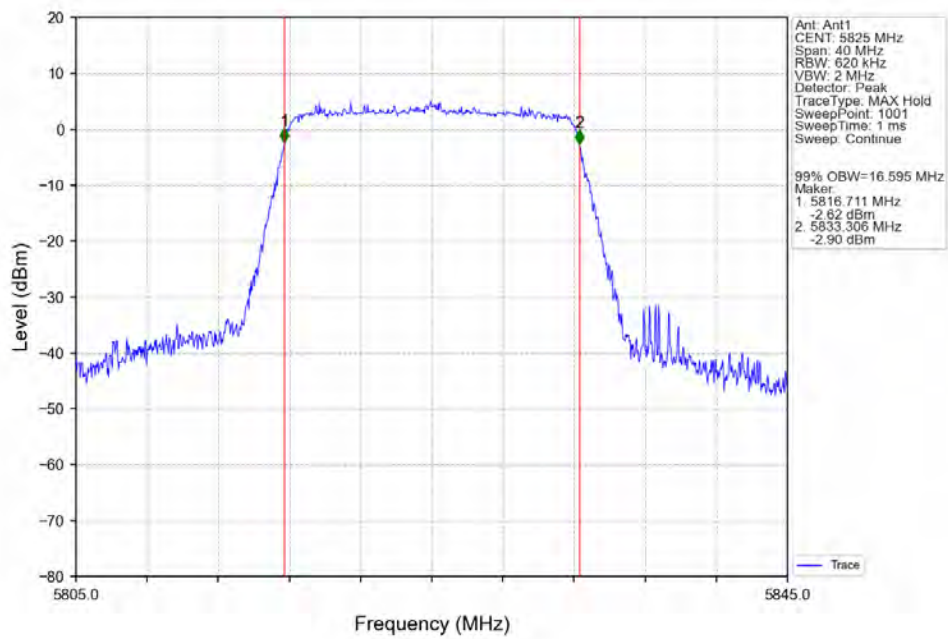
802.11a_LCH_5745MHz_Ant1_NTNV



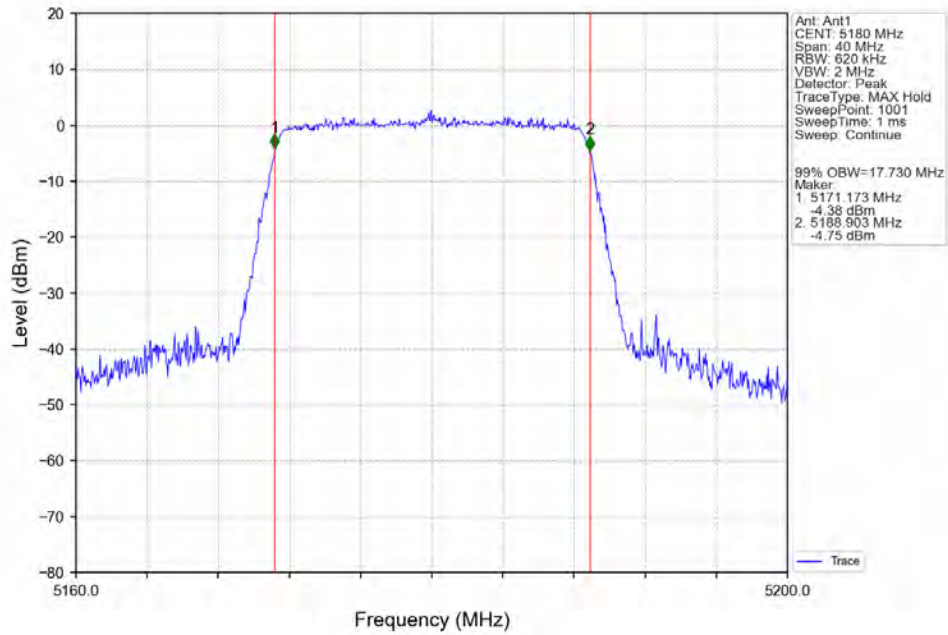
802.11a_MCH_5785MHz_Ant1_NTNV



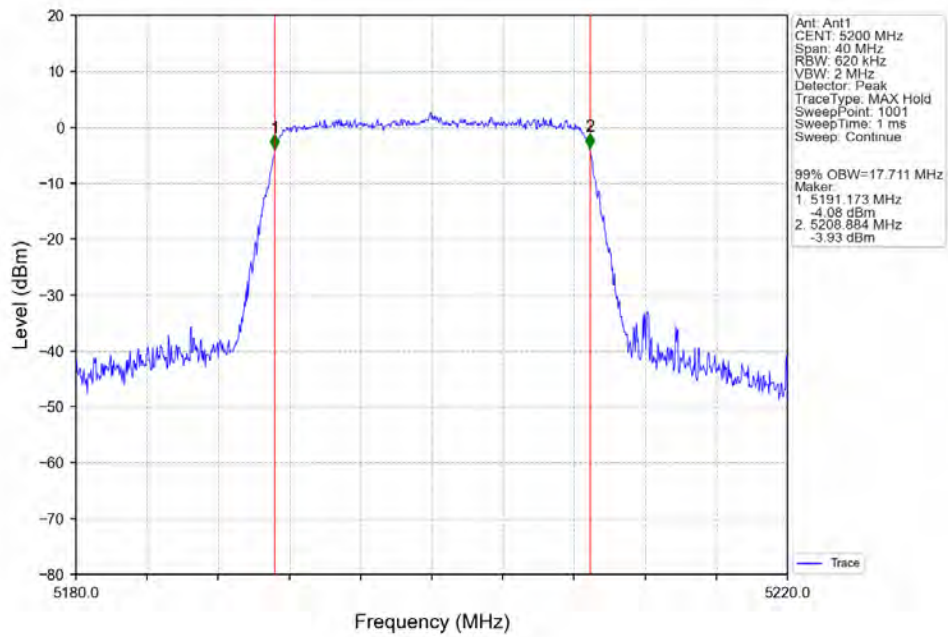
802.11a_HCH_5825MHz_Ant1_NTNV



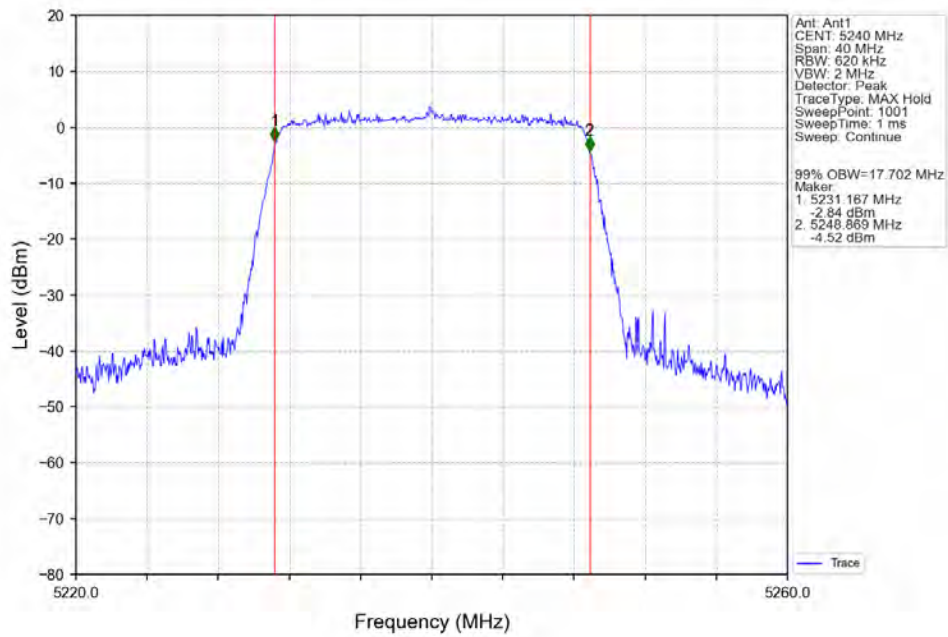
802.11n(HT20) LCH 5180MHz Ant1 NTN



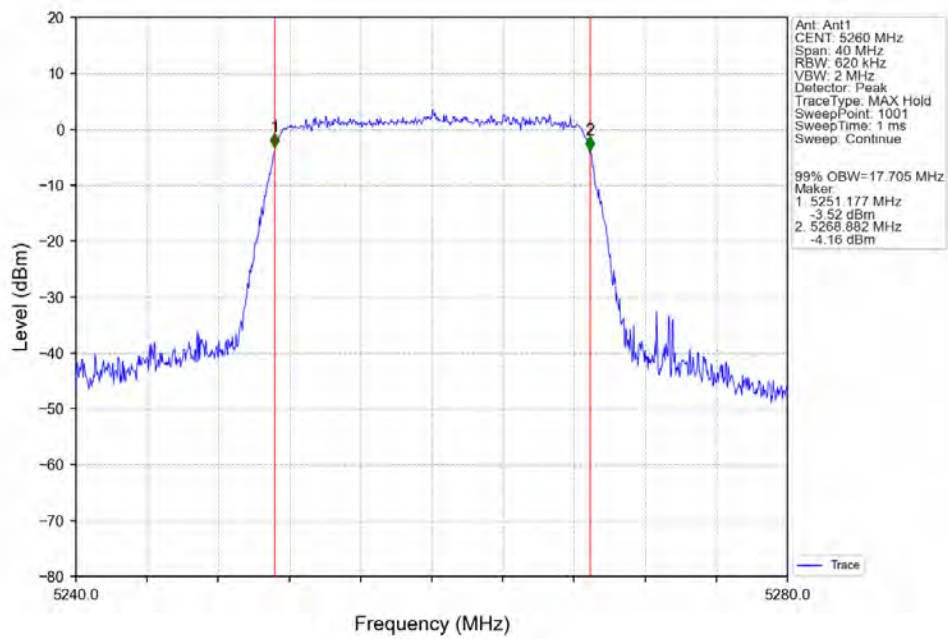
802.11n(HT20) MCH 5200MHz Ant1 NTN



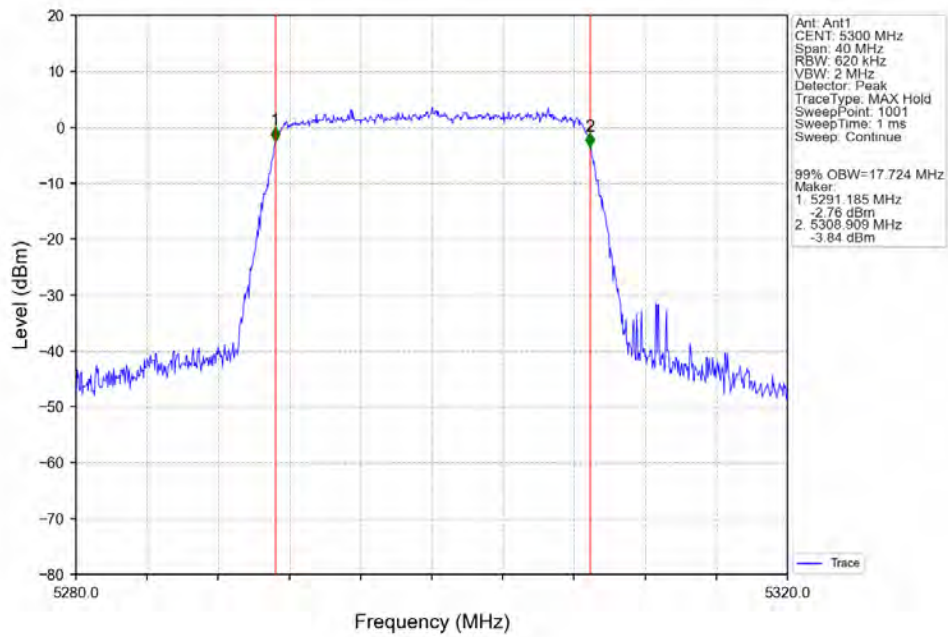
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



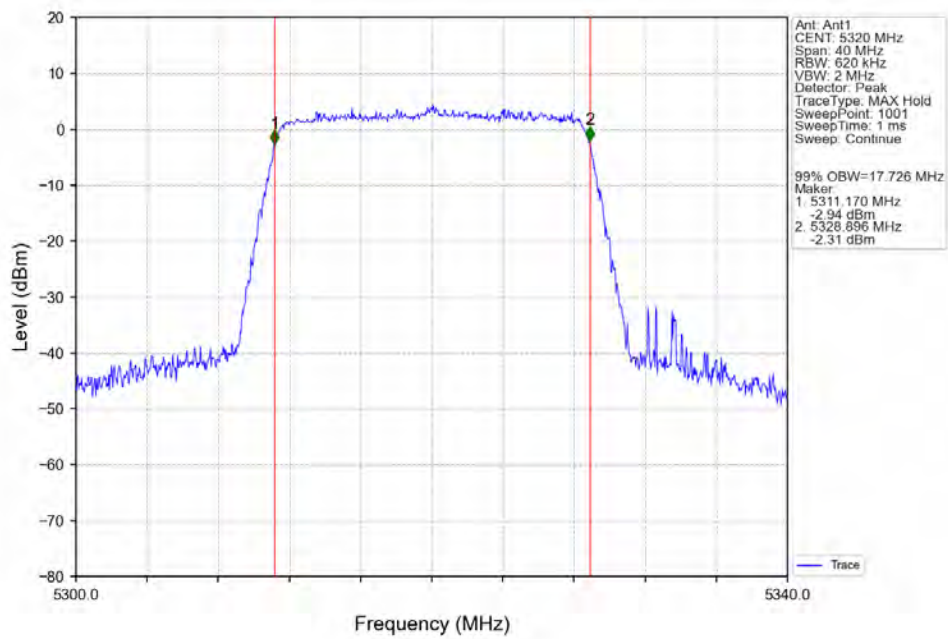
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



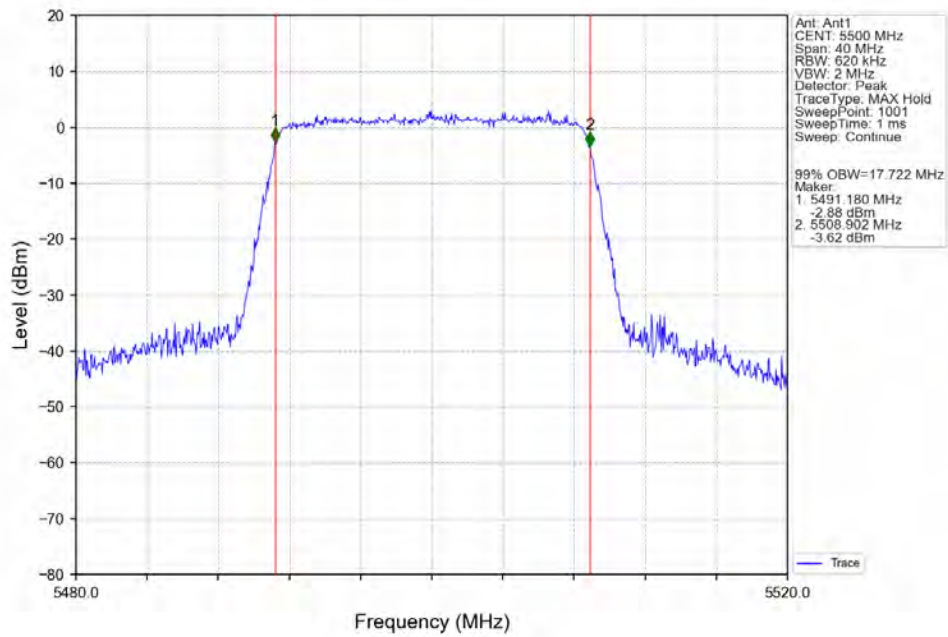
802.11n(HT20) MCH 5300MHz Ant1_NTNV



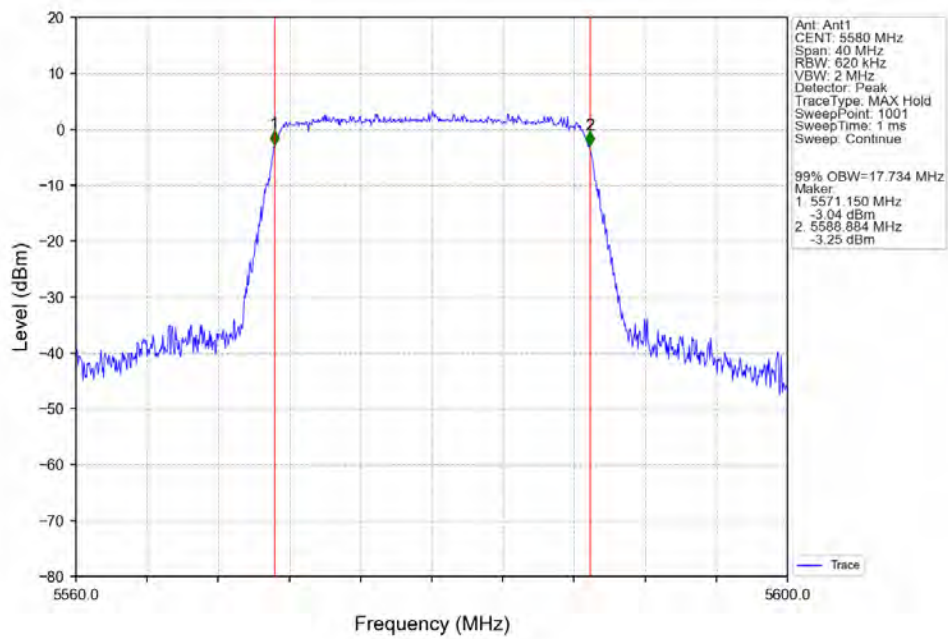
802.11n(HT20) HCH 5320MHz Ant1_NTNV



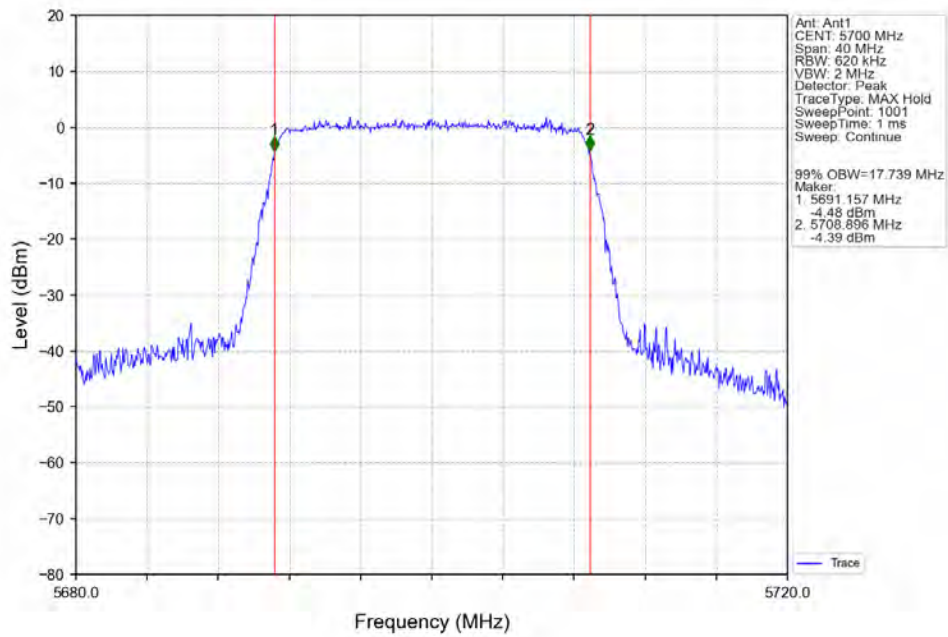
802.11n(HT20) LCH 5500MHz Ant1_NTNV



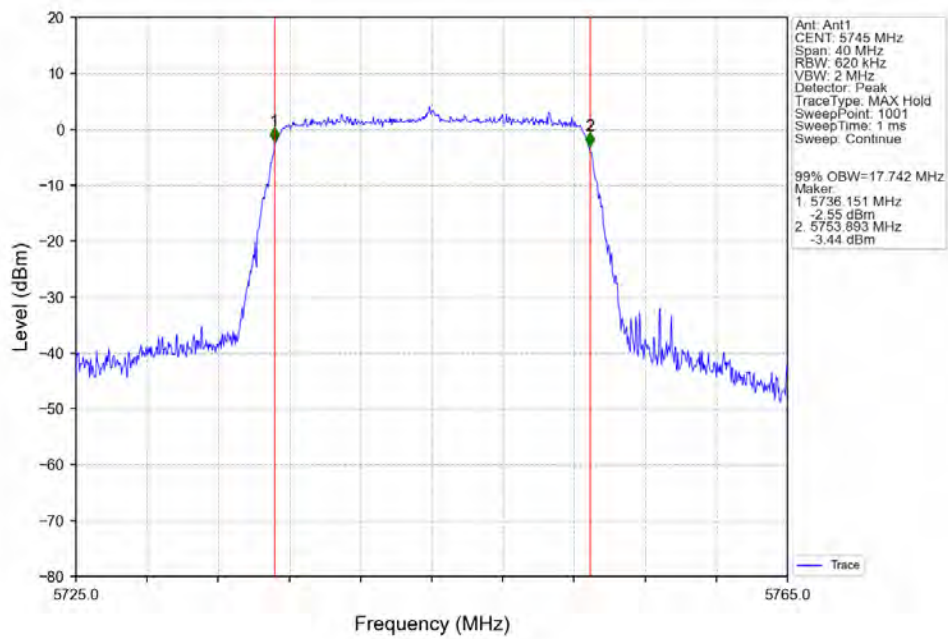
802.11n(HT20) MCH 5580MHz Ant1_NTNV



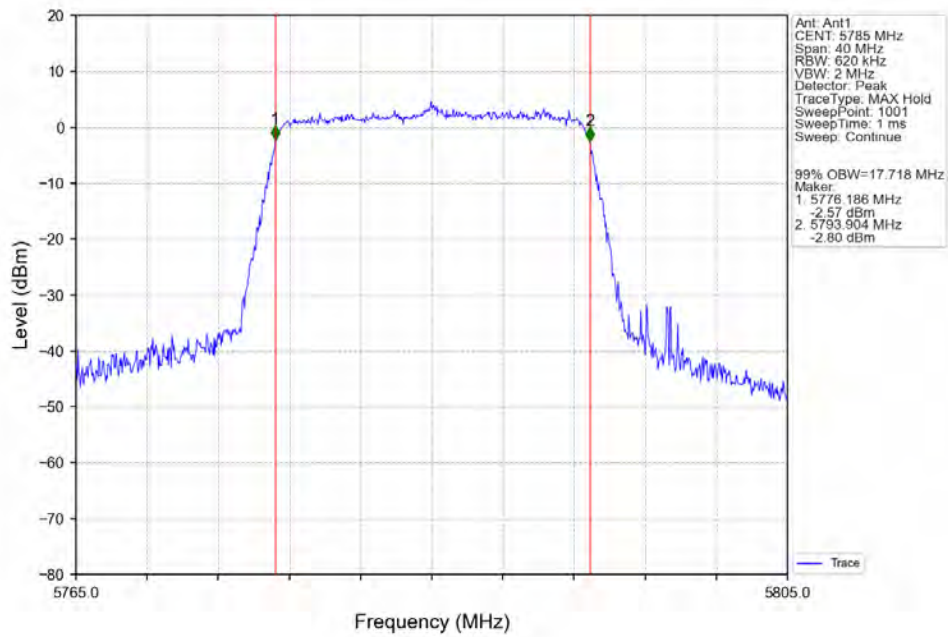
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



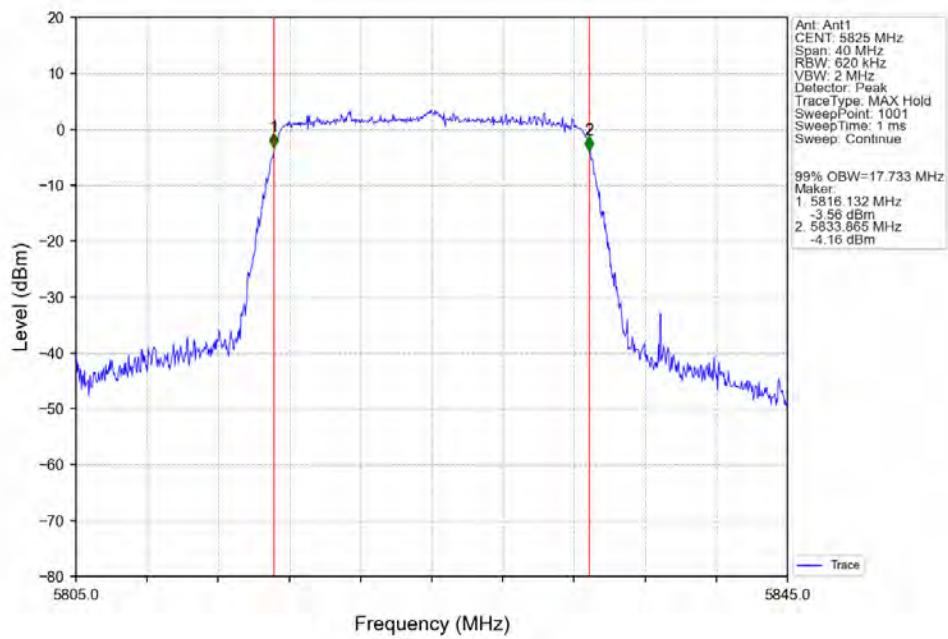
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



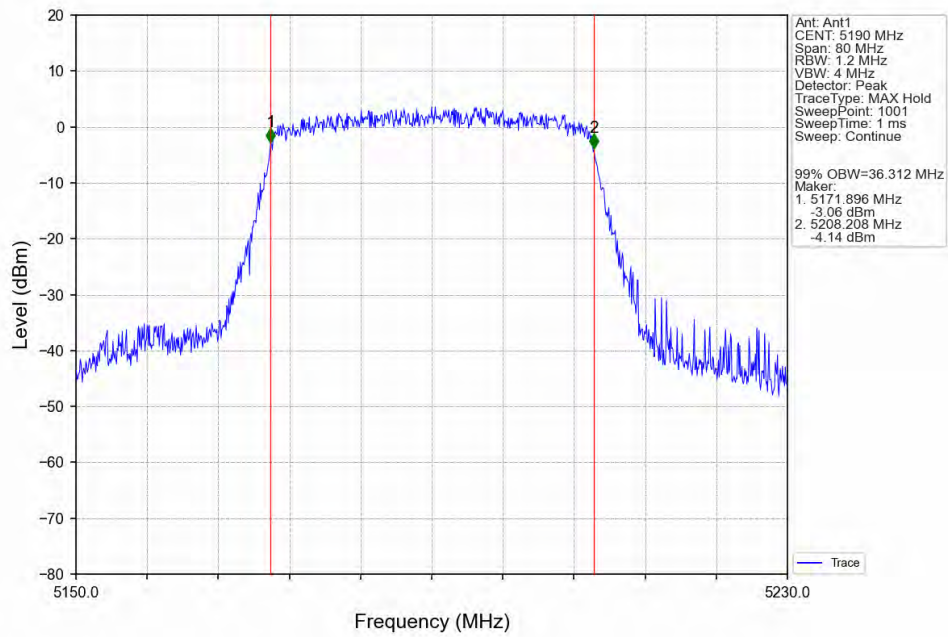
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



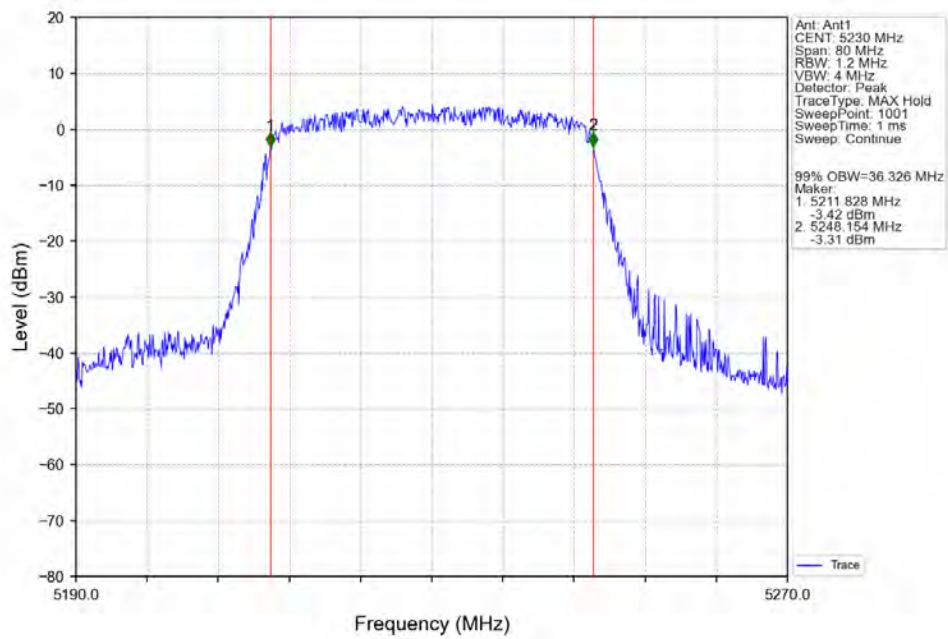
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



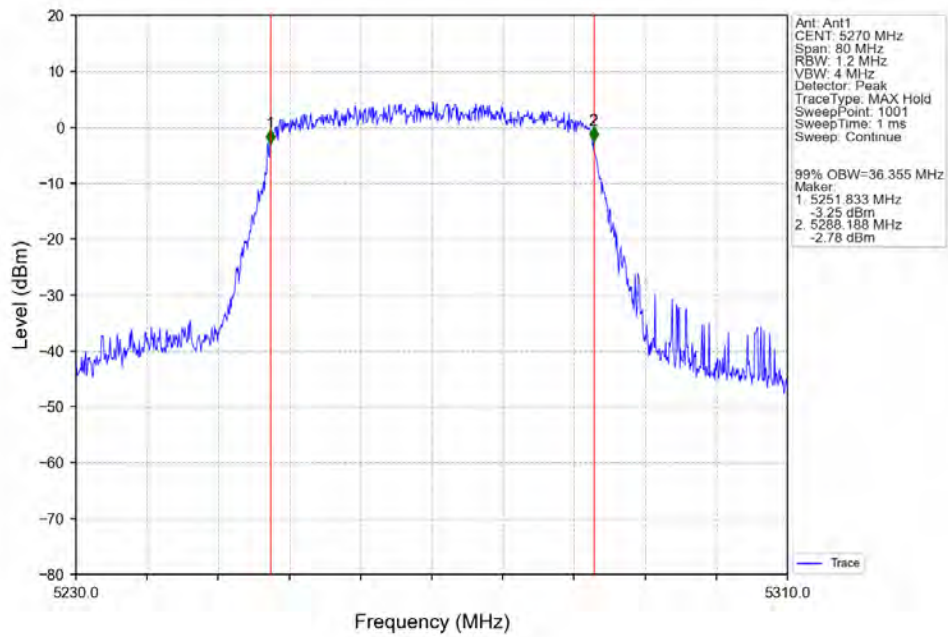
802.11n(HT40) LCH 5190MHz Ant1 NTN



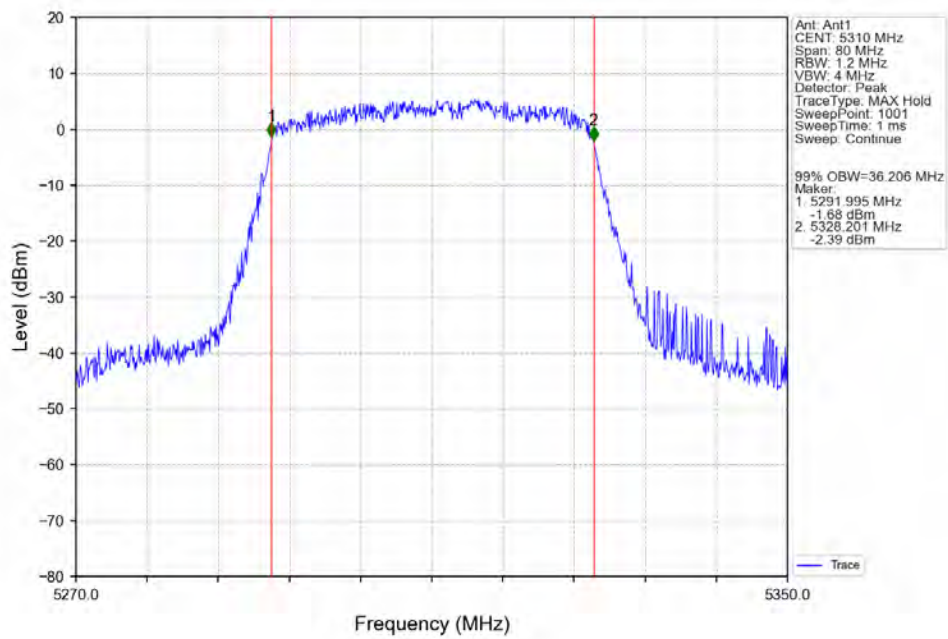
802.11n(HT40) HCH 5230MHz Ant1 NTN



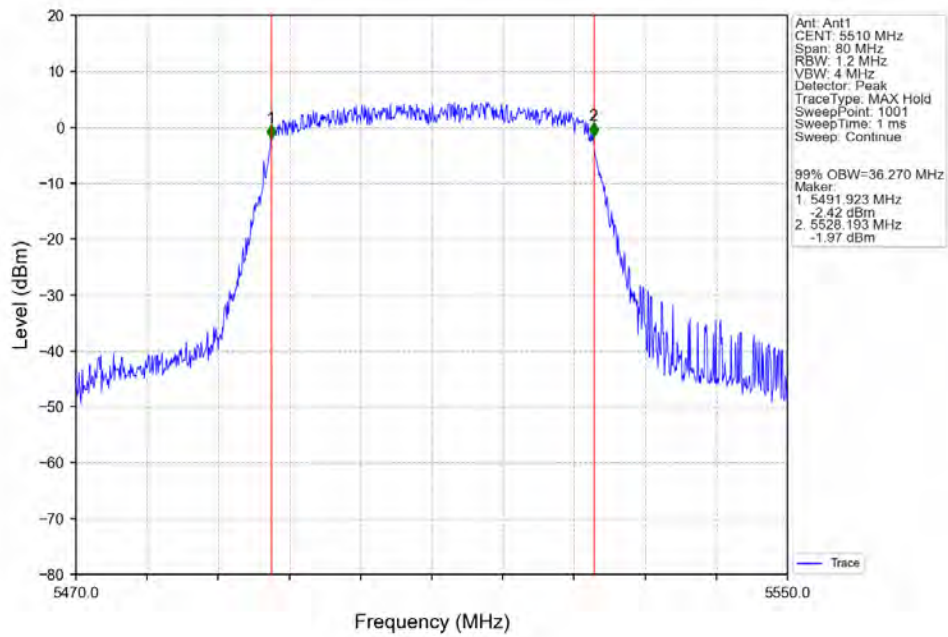
802.11n(HT40) LCH 5270MHz Ant1 NTN



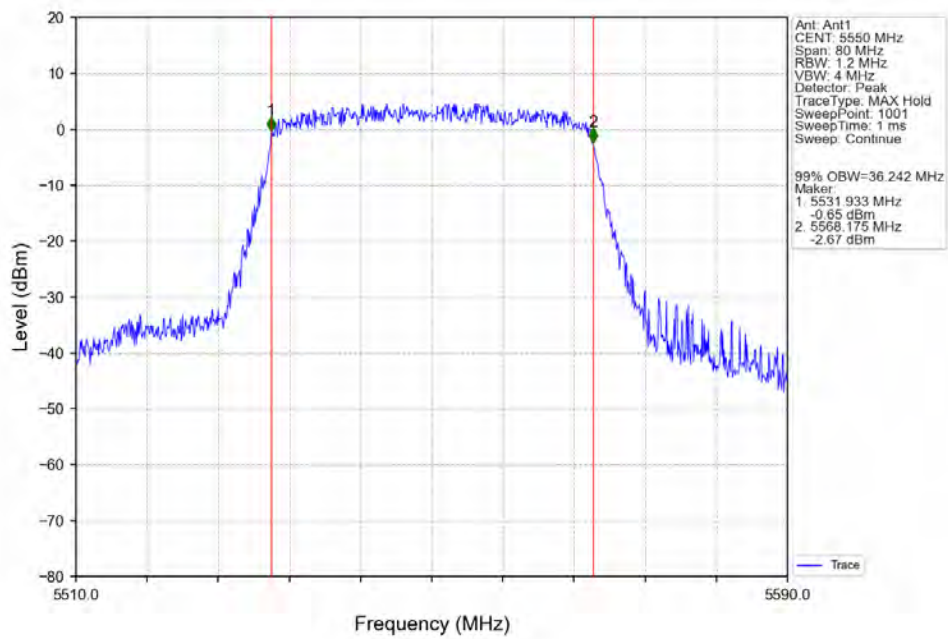
802.11n(HT40) HCH 5310MHz Ant1 NTN



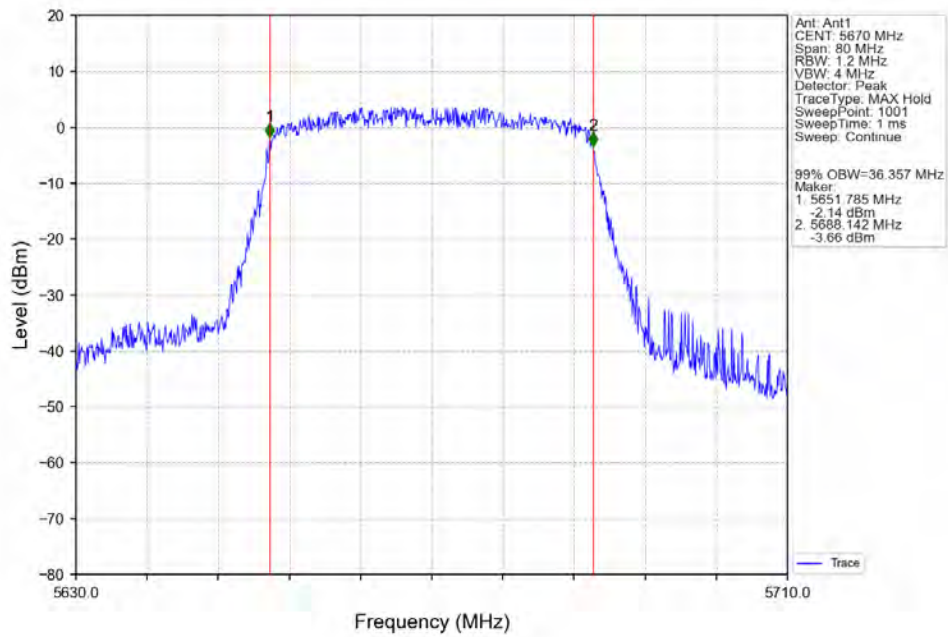
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



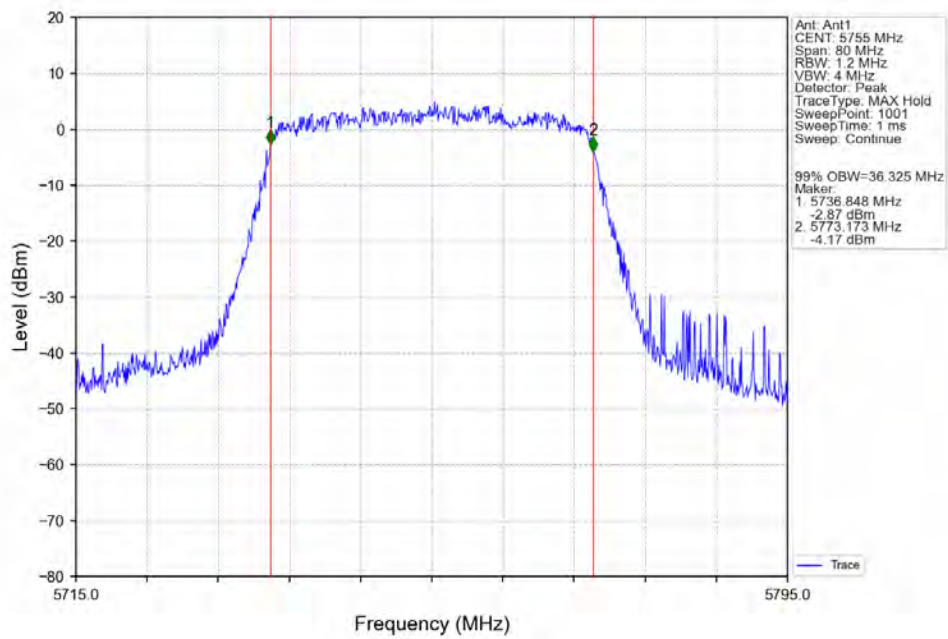
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



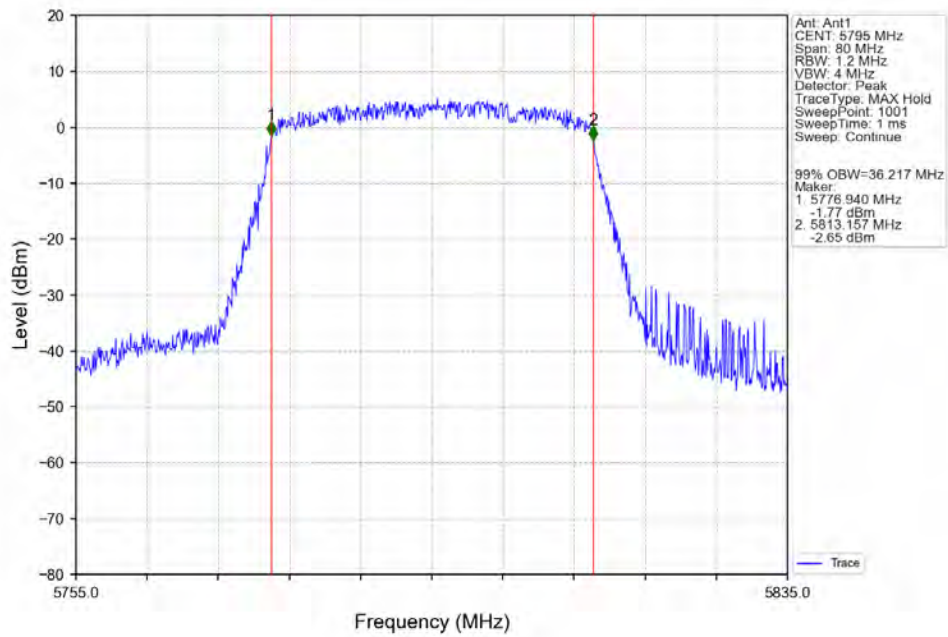
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



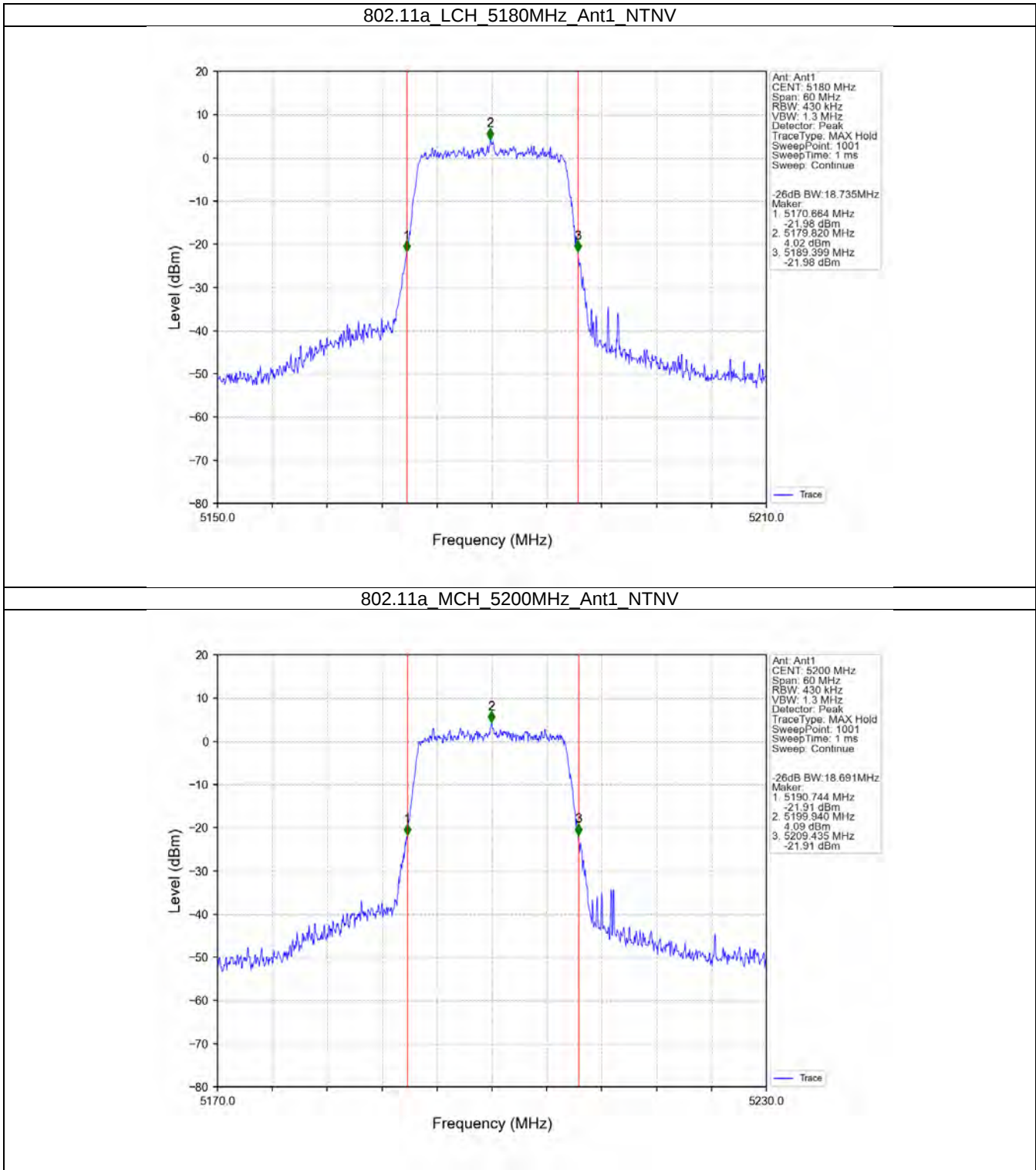
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



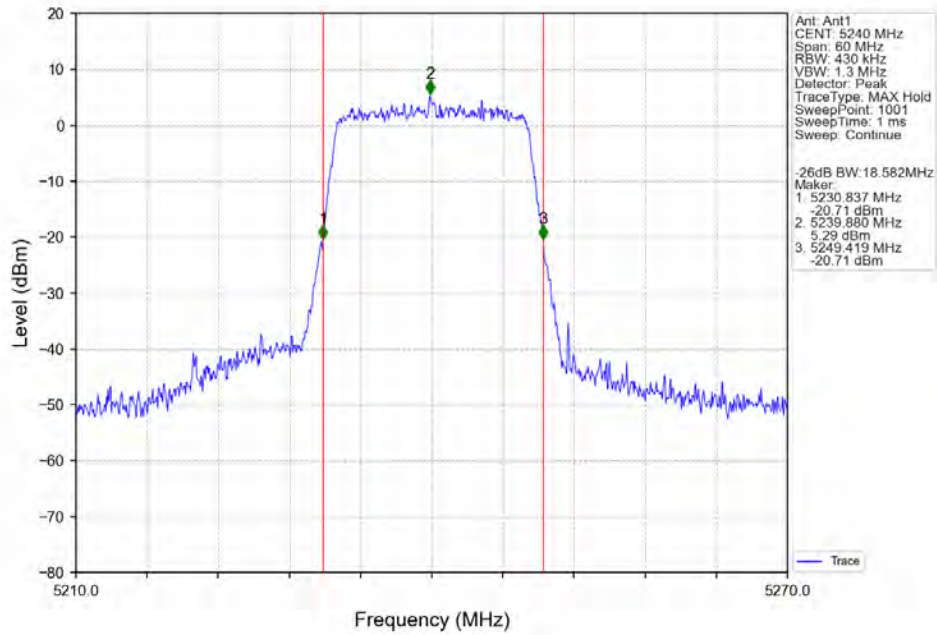
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



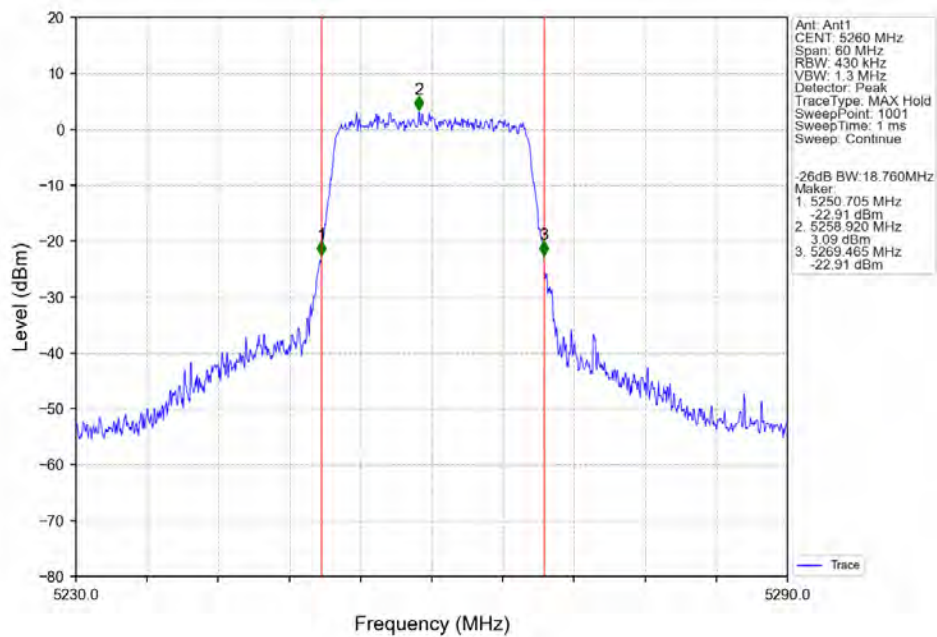
2.2.2 26dB BW



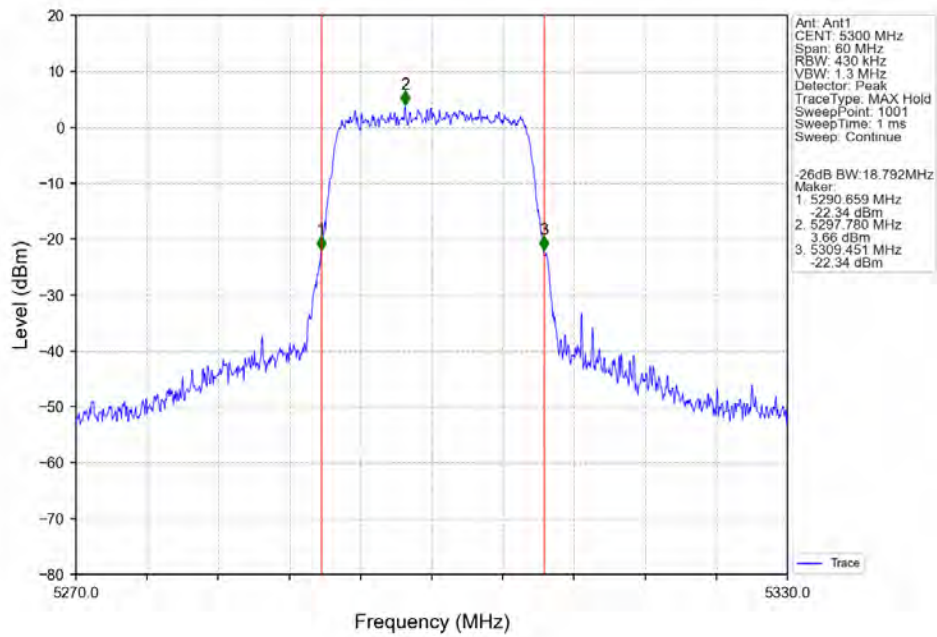
802.11a_HCH_5240MHz_Ant1_NTNV



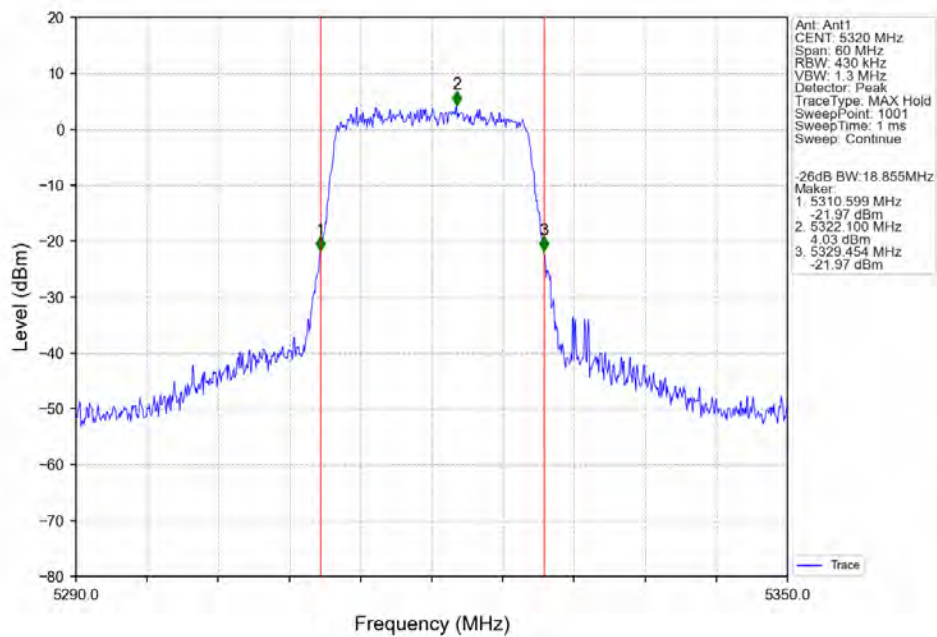
802.11a_LCH_5260MHz_Ant1_NTNV



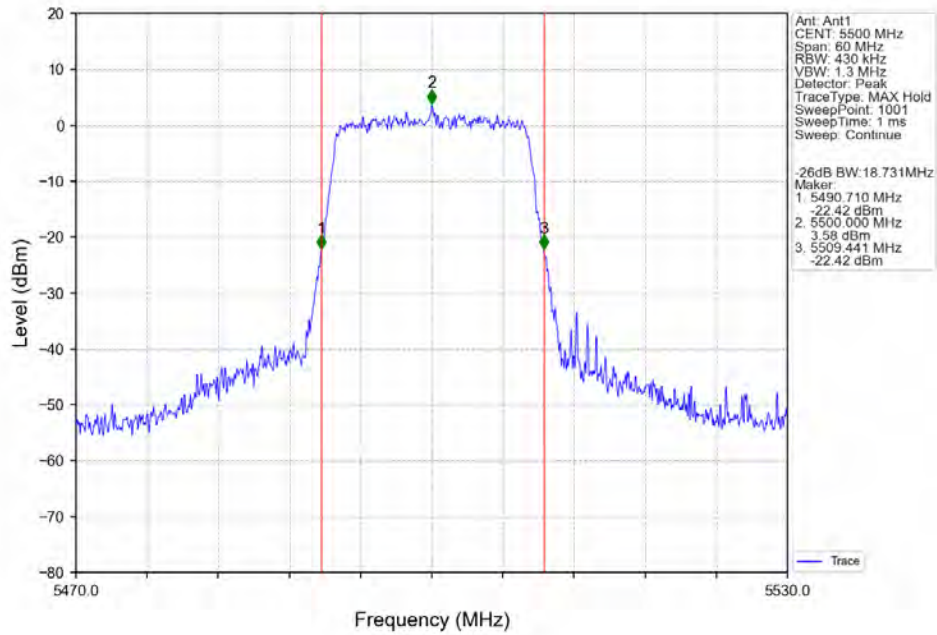
802.11a_MCH_5300MHz_Ant1_NTNV



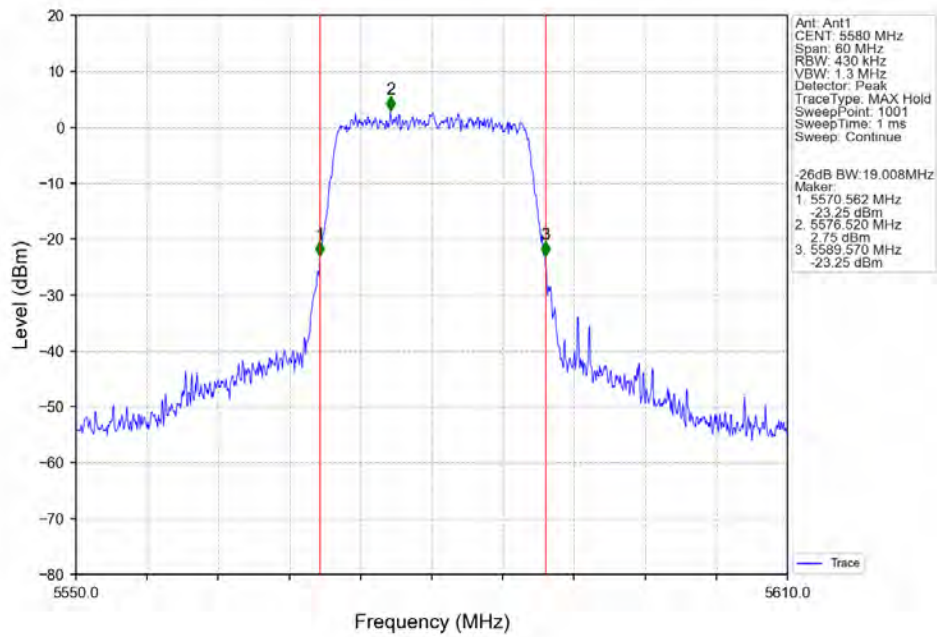
802.11a_HCH_5320MHz_Ant1_NTNV



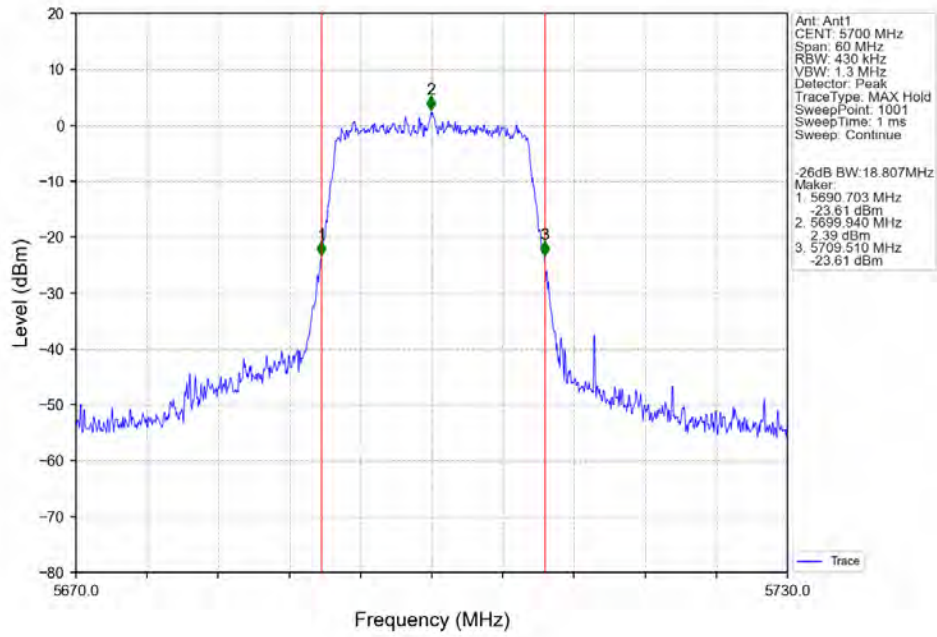
802.11a_LCH_5500MHz_Ant1_NTNV



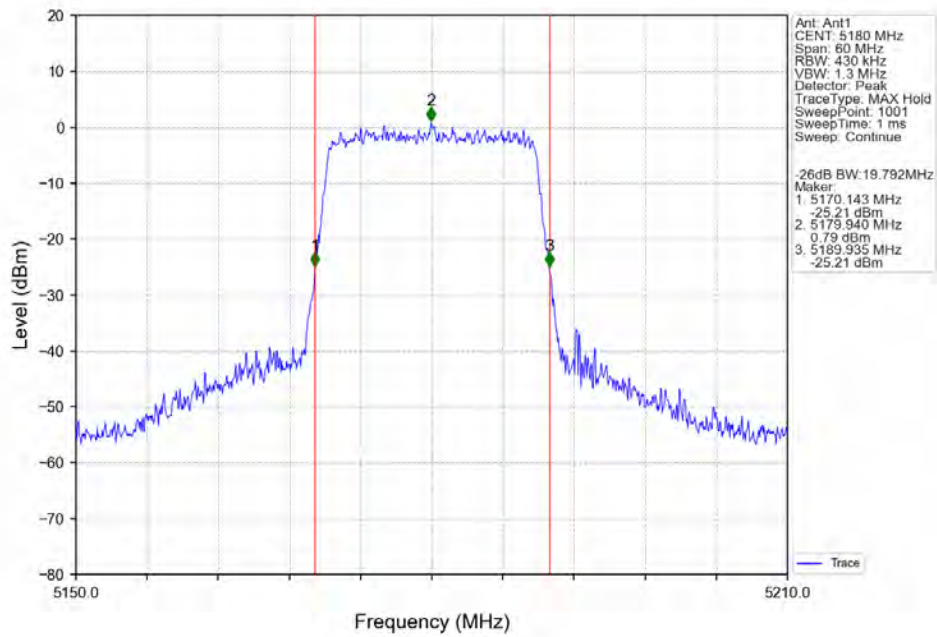
802.11a_MCH_5580MHz_Ant1_NTNV



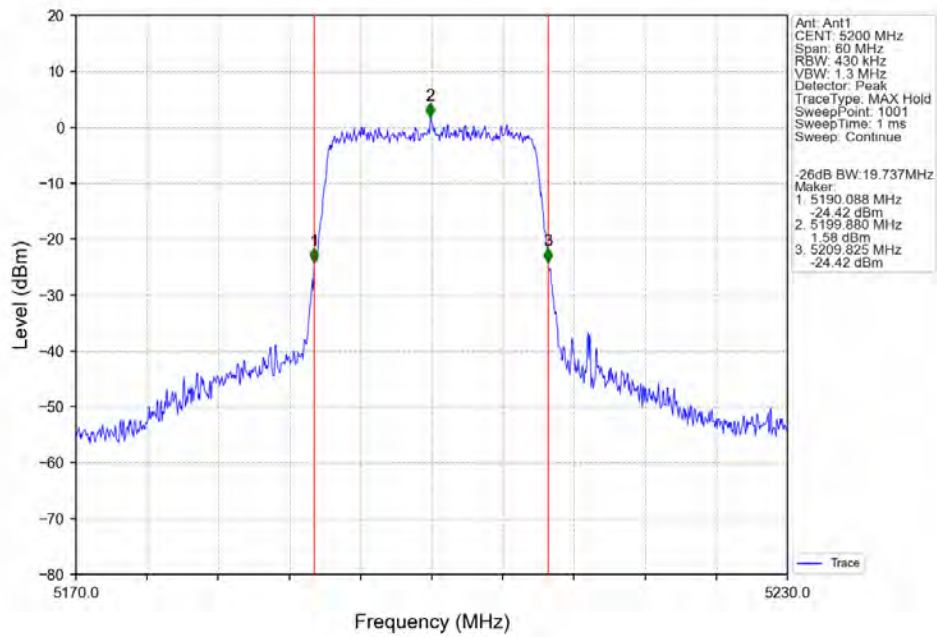
802.11a_HCH_5700MHz_Ant1_NTNV



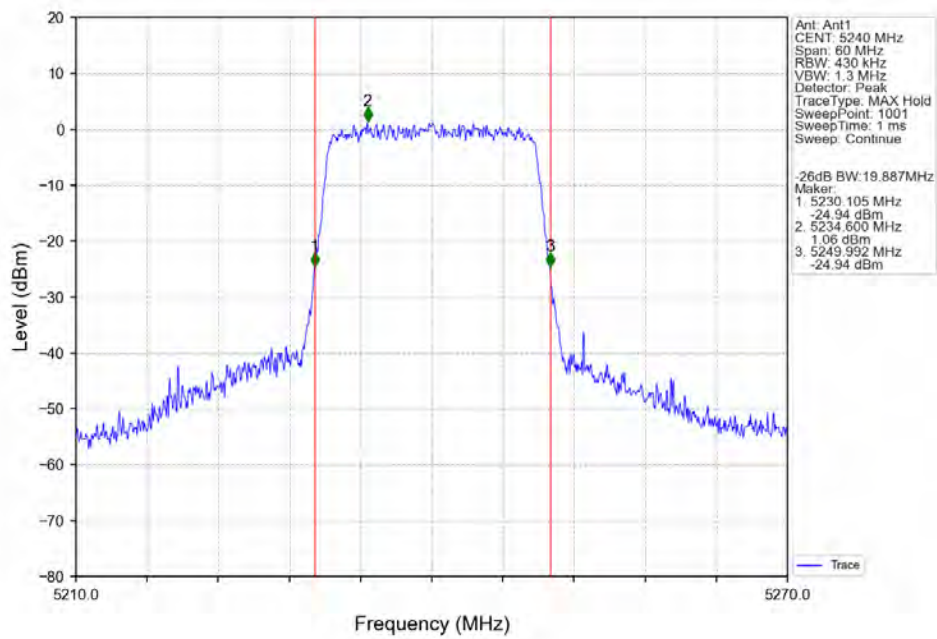
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



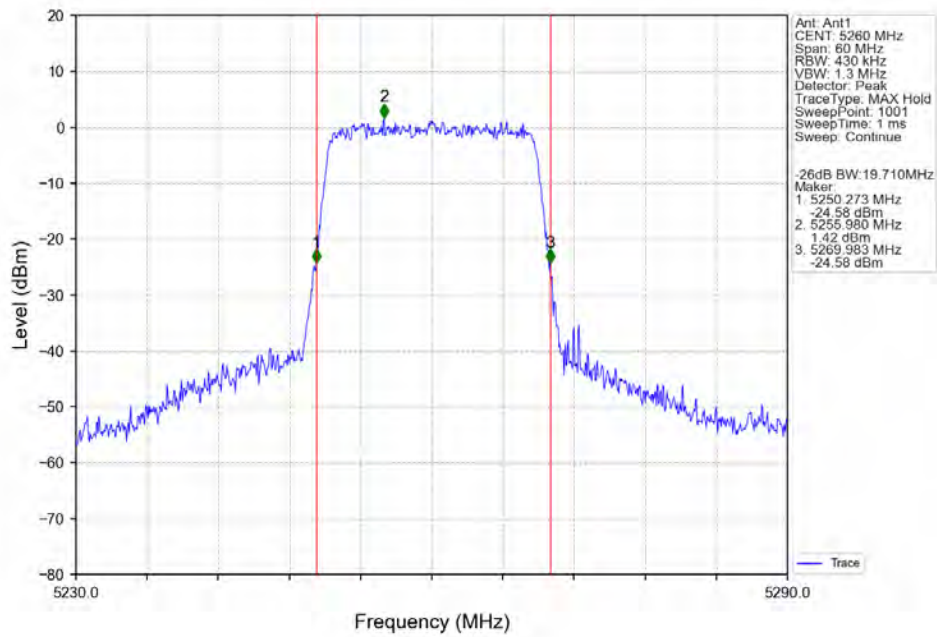
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



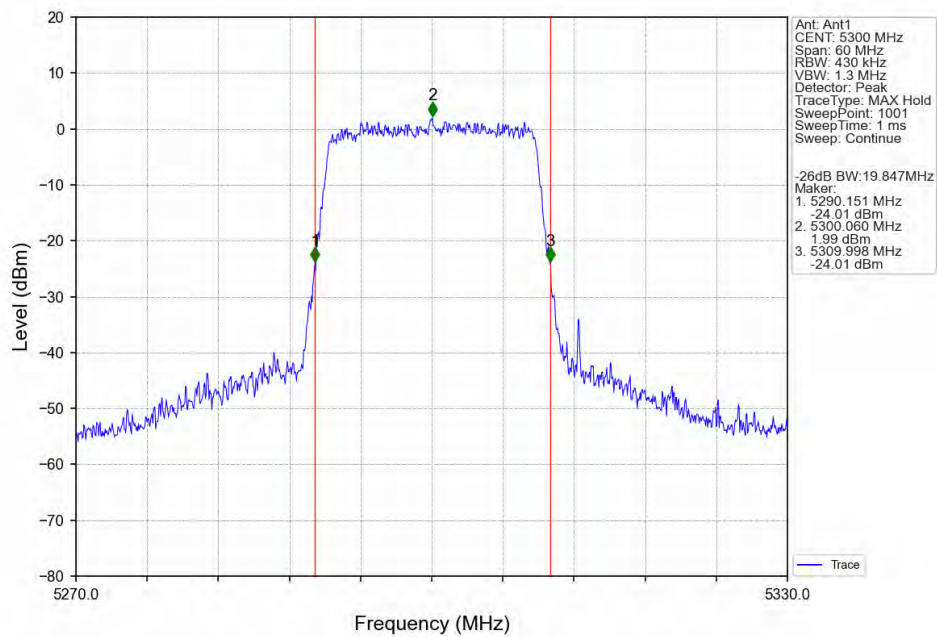
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



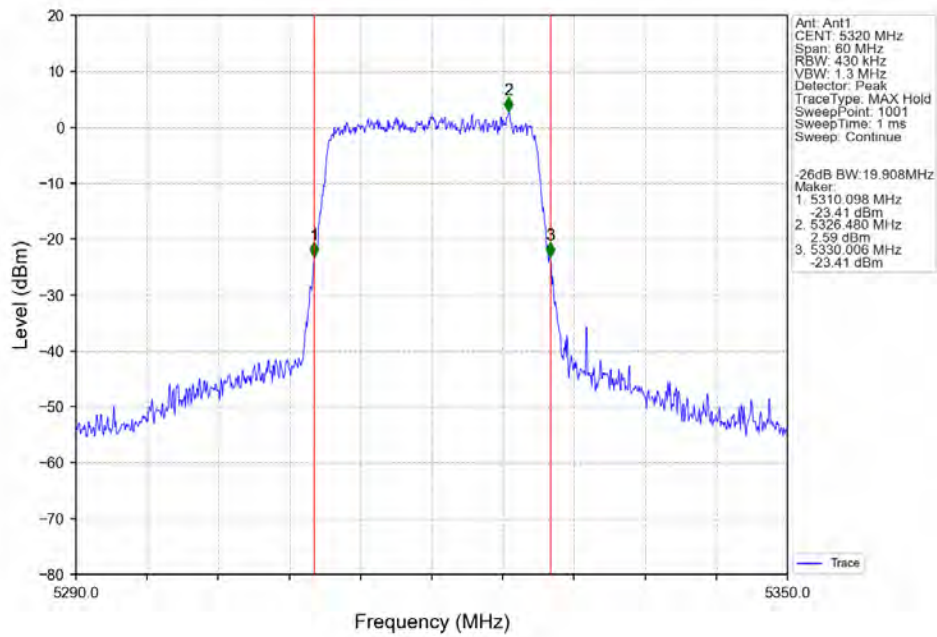
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



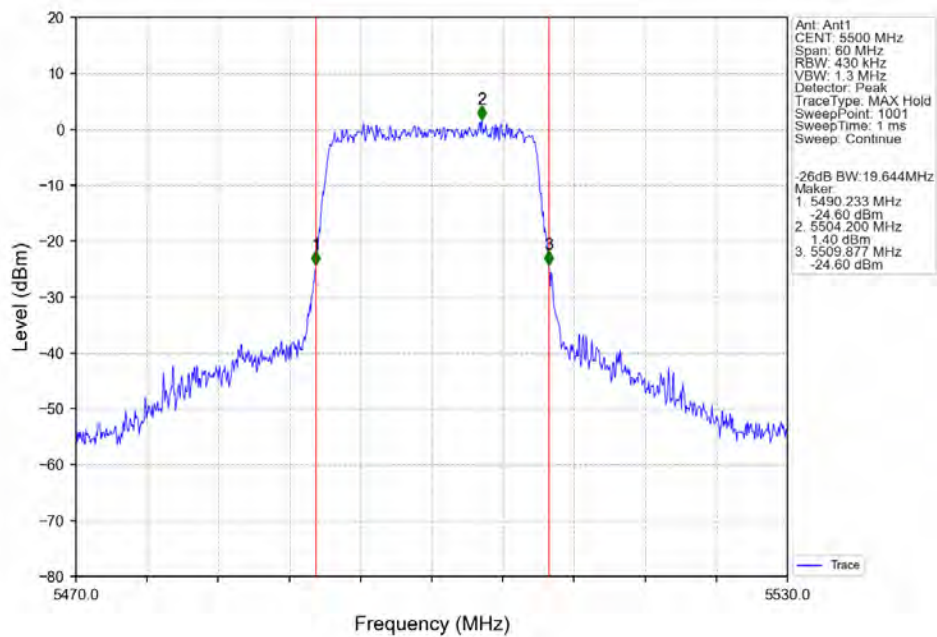
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



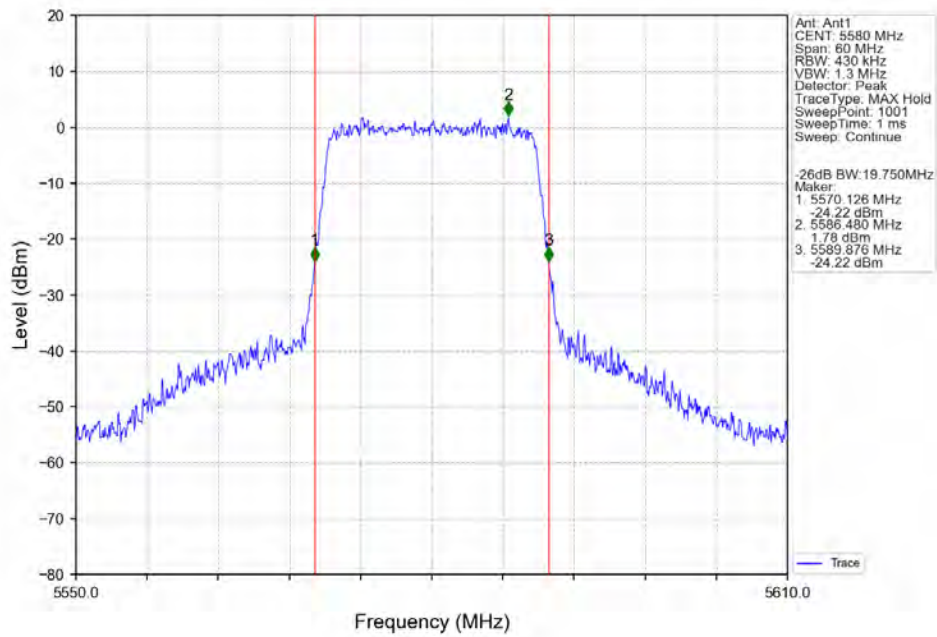
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



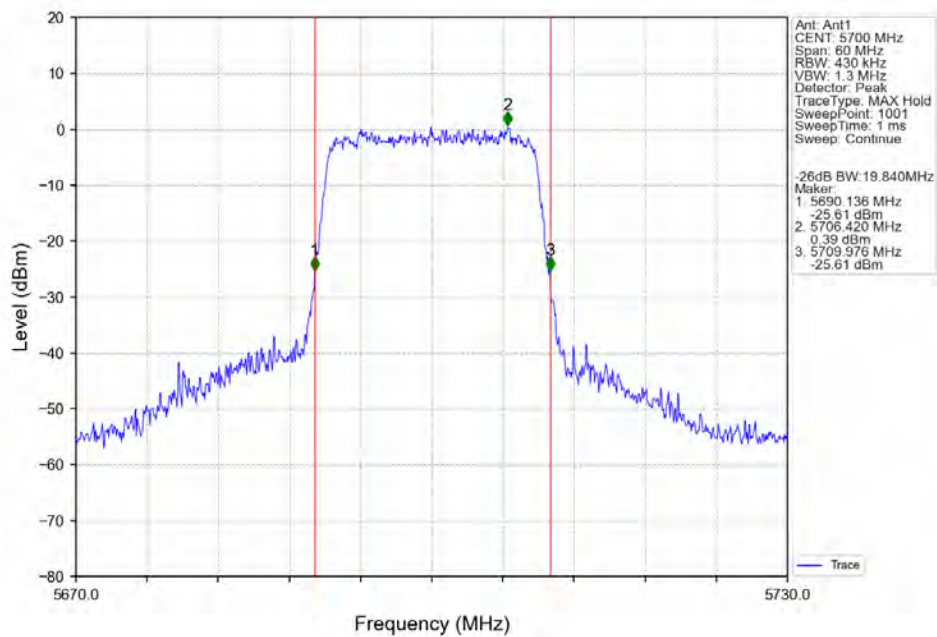
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



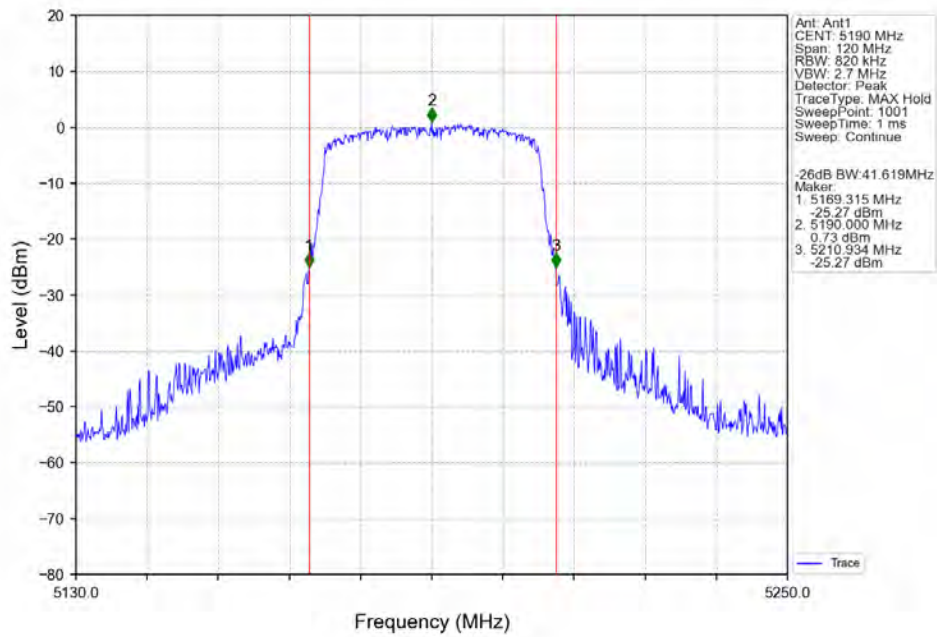
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



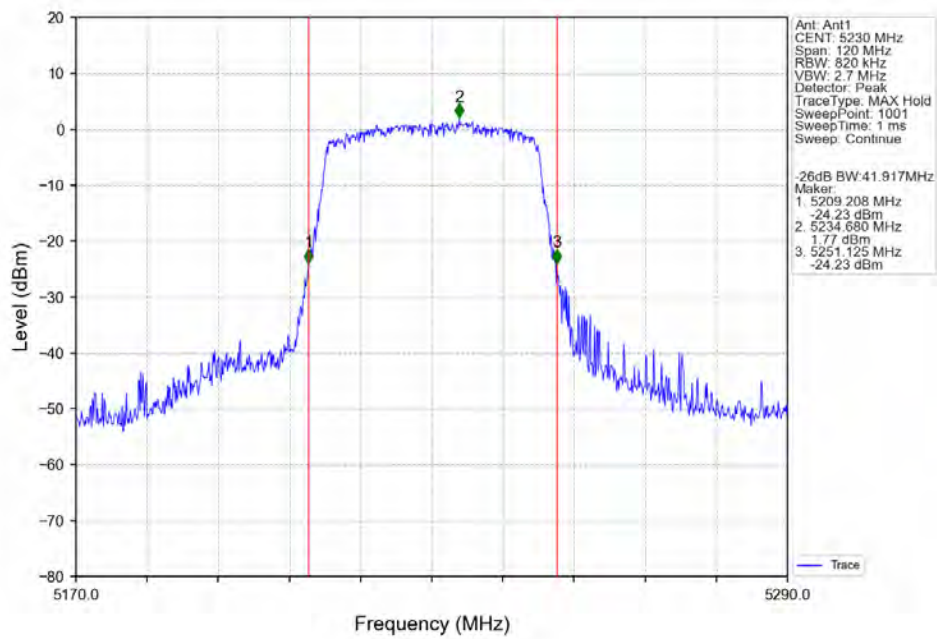
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



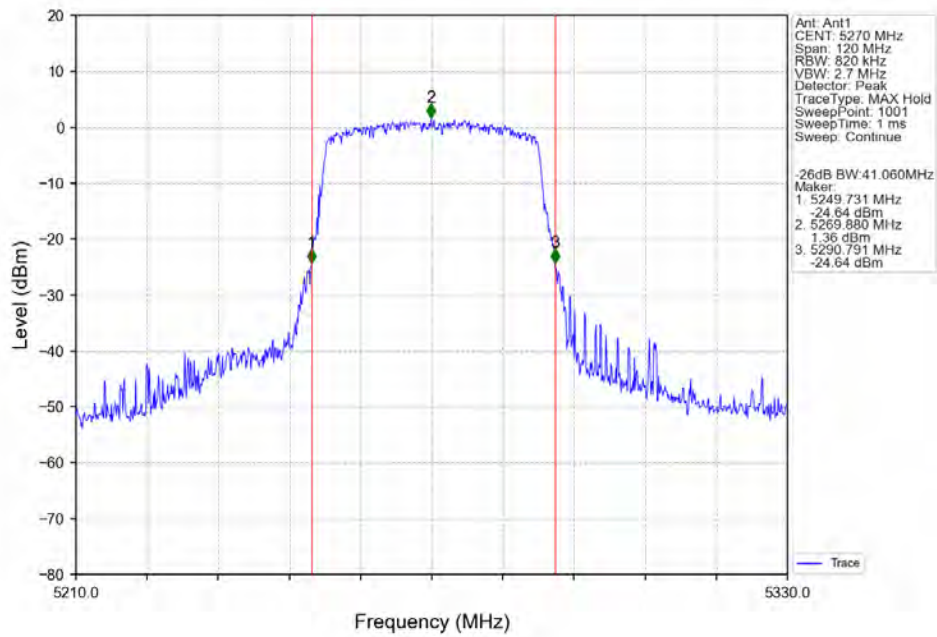
802.11n(HT40) LCH 5190MHz Ant1 NTN



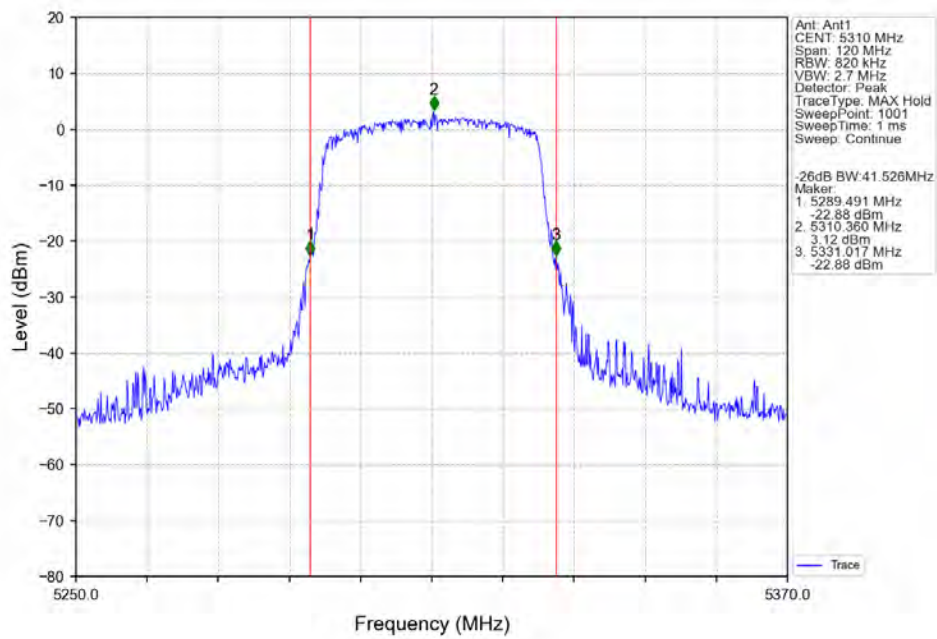
802.11n(HT40) HCH 5230MHz Ant1 NTN



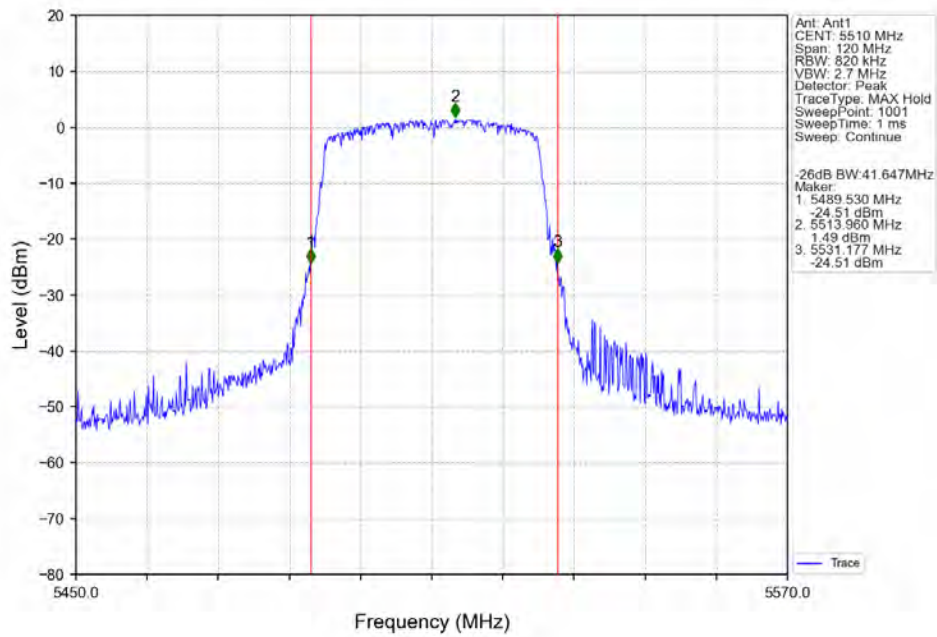
802.11n(HT40) LCH 5270MHz_Ant1_NTNV



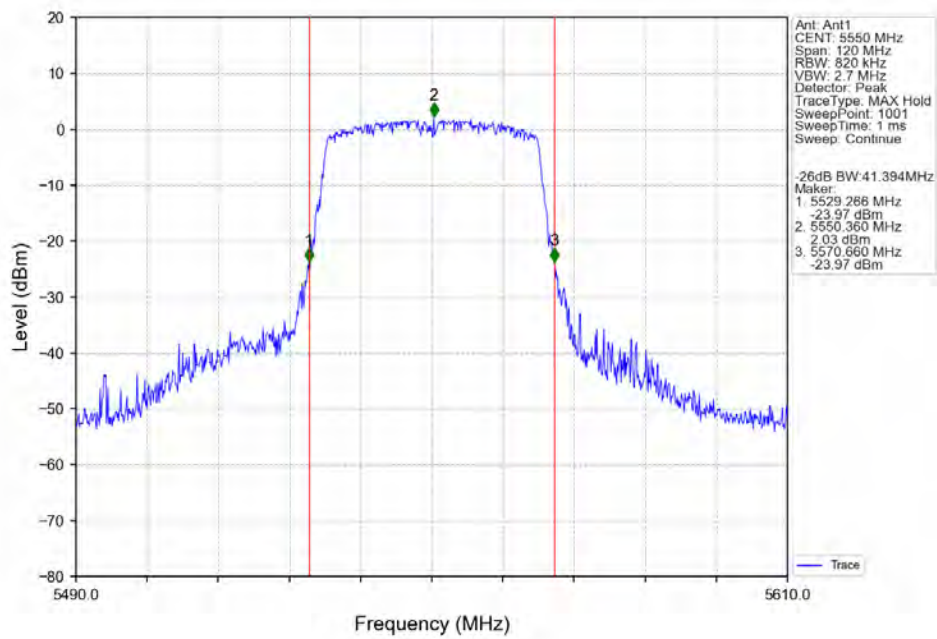
802.11n(HT40) HCH 5310MHz_Ant1_NTNV



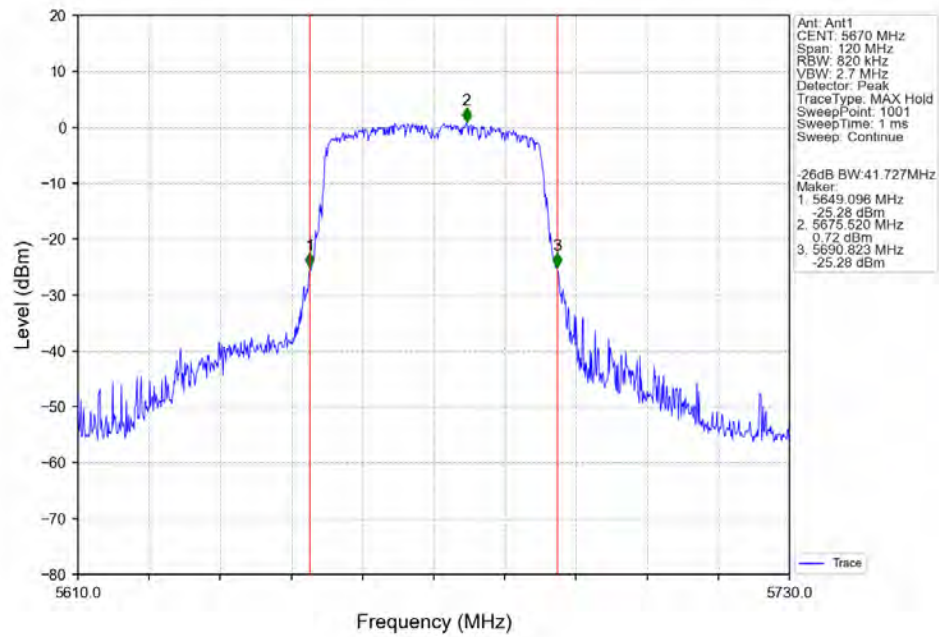
802.11n(HT40) LCH_5510MHz_Ant1_NTNV



802.11n(HT40) MCH_5550MHz_Ant1_NTNV

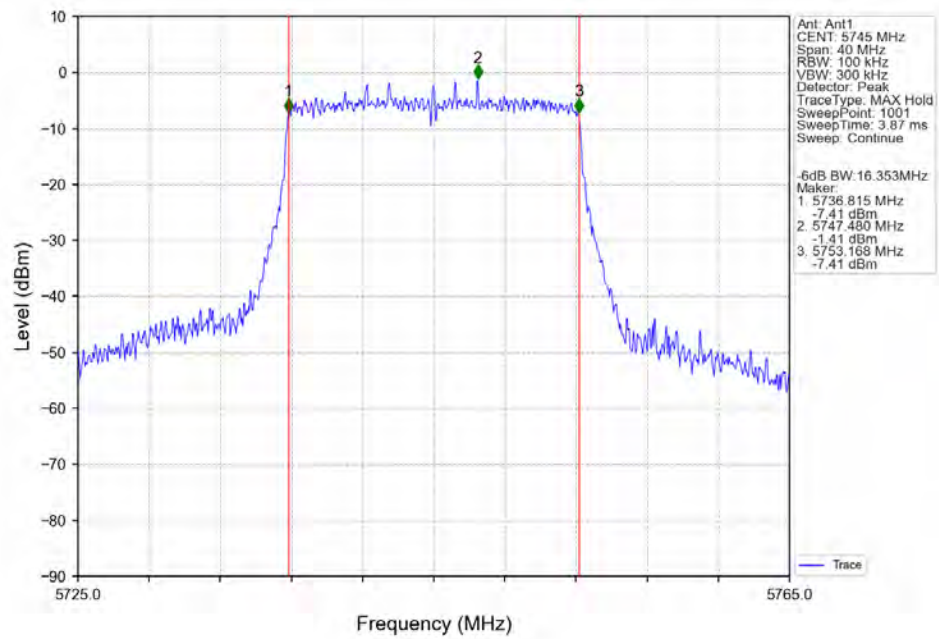


802.11n(HT40)_HCH_5670MHz_Ant1_NTNV

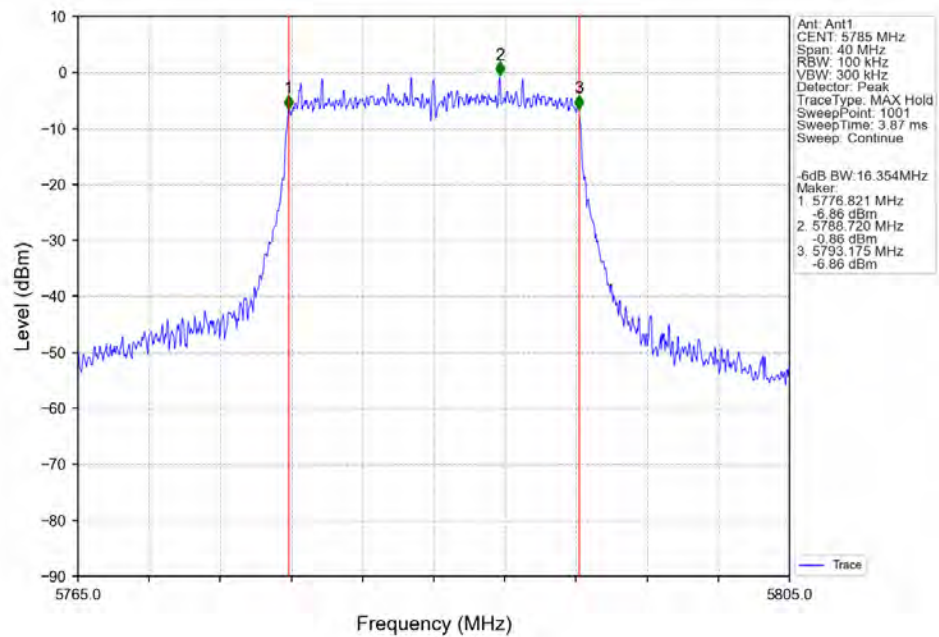


2.2.3 6dB BW

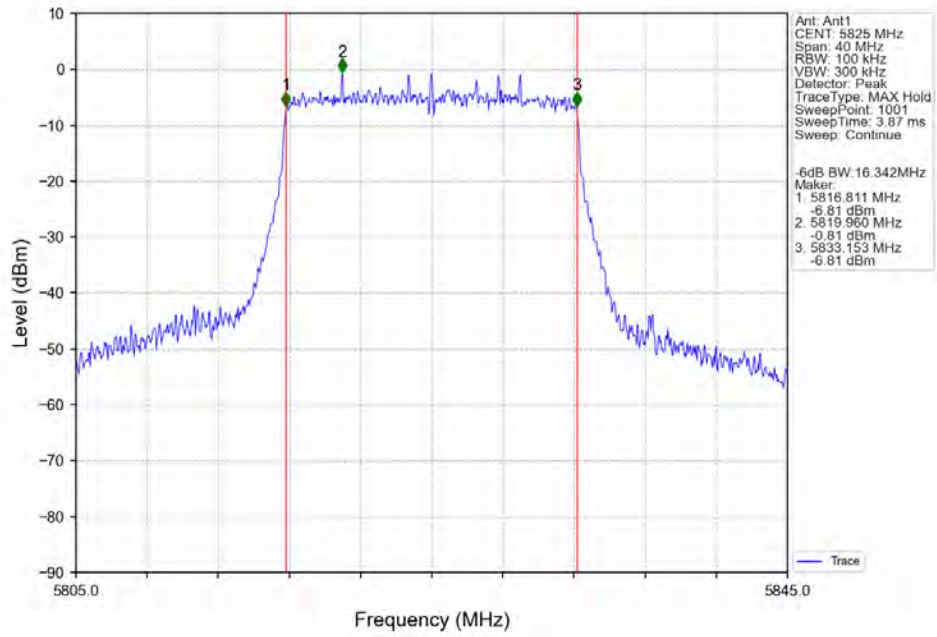
802.11a_LCH_5745MHz_Ant1_NTNV



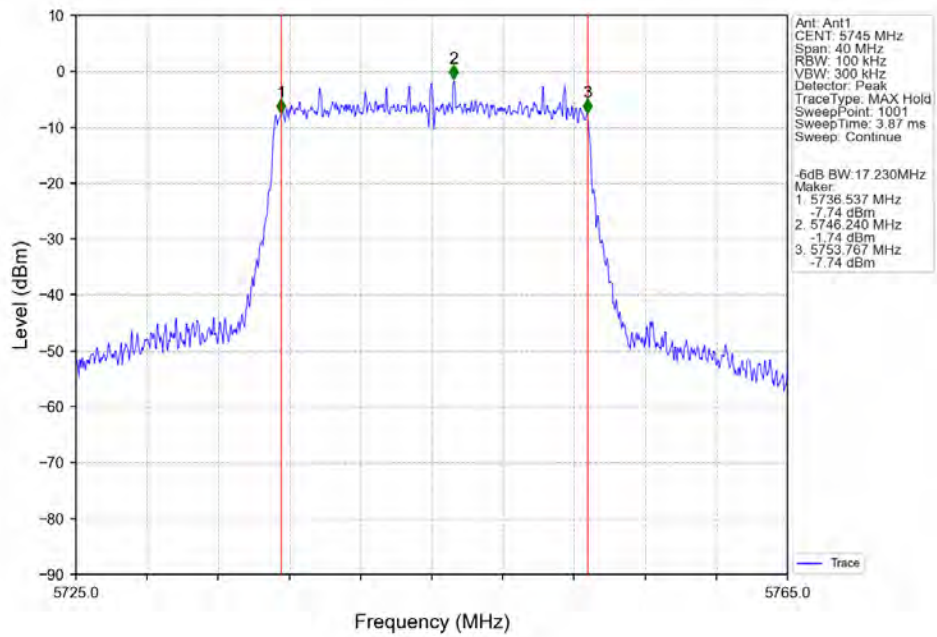
802.11a_MCH_5785MHz_Ant1_NTNV



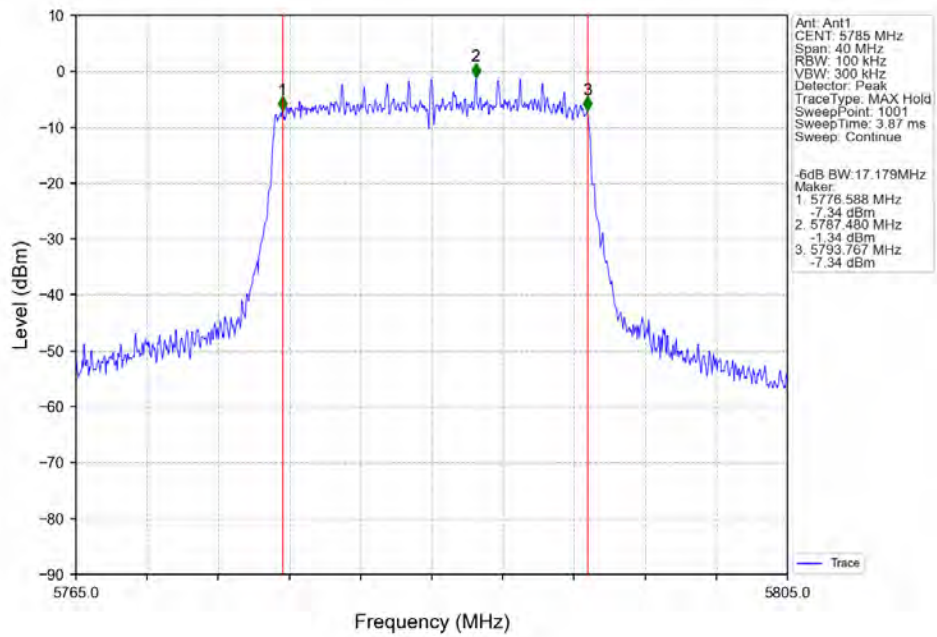
802.11a_HCH_5825MHz_Ant1_NTNV



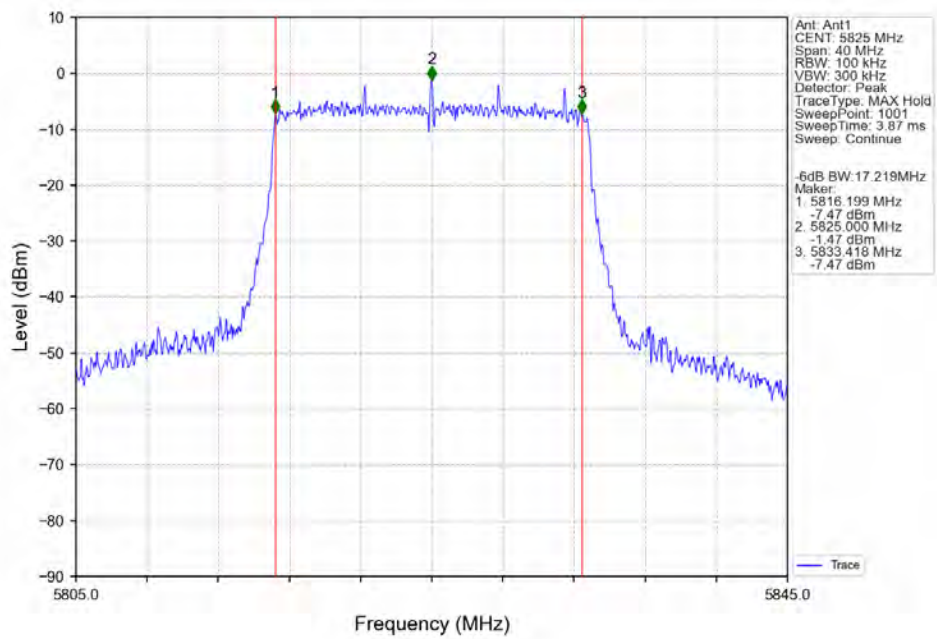
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



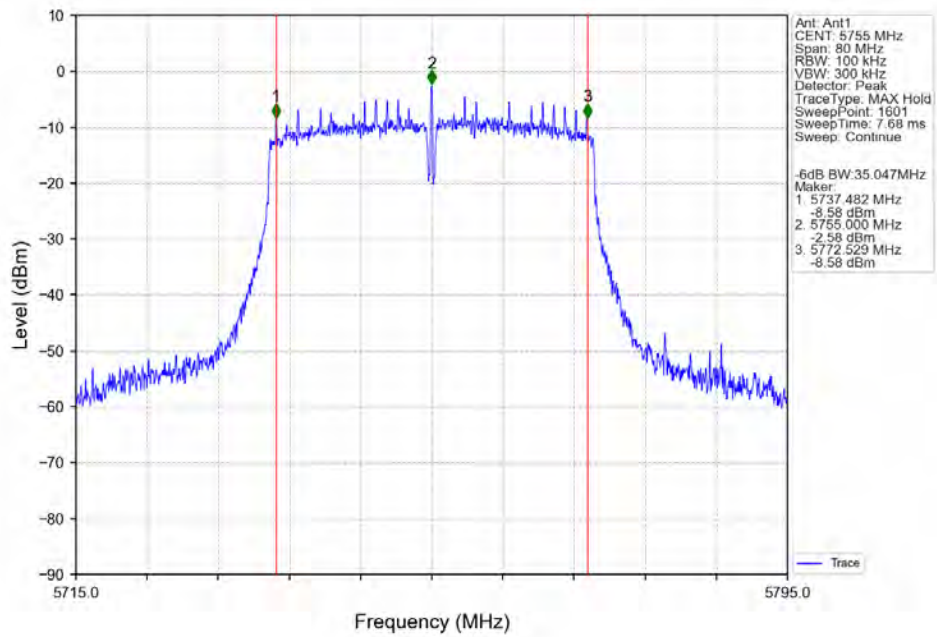
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



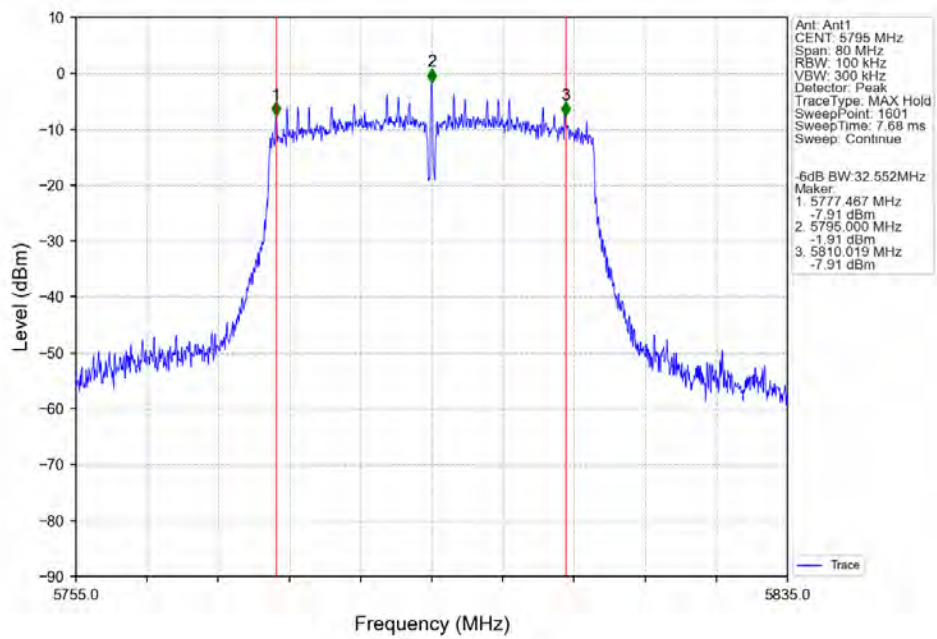
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40) LCH 5755MHz Ant1 NTN



802.11n(HT40) HCH 5795MHz Ant1 NTN



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	10.57	10.90	/	<=23.98	Pass
		5200	10.82	11.21	/	<=23.98	Pass
		5240	11.70	11.54	/	<=23.98	Pass
		5260	10.35	9.88	/	<=23.73	Pass
		5300	10.90	10.18	/	<=23.74	Pass
		5320	11.36	11.34	/	<=23.75	Pass
		5500	9.89	10.48	/	<=23.73	Pass
		5580	10.15	11.02	/	<=23.79	Pass
		5700	8.87	9.65	/	<=23.74	Pass
		5745	9.93	10.53	/	<=30	Pass
		5785	10.75	11.10	/	<=30	Pass
802.11n (HT20)	MIMO	5825	10.38	11.35	/	<=30	Pass
		5180	8.17	8.31	11.25	<=21.17	Pass
		5200	8.57	8.51	11.55	<=21.17	Pass
		5240	9.28	8.74	12.03	<=21.17	Pass
		5260	9.13	8.34	11.76	<=21.14	Pass
		5300	9.58	8.73	12.19	<=21.17	Pass
		5320	10.09	9.81	12.96	<=21.17	Pass
		5500	9.05	9.44	12.26	<=21.12	Pass
		5580	9.40	9.99	12.72	<=21.15	Pass
		5700	8.03	8.53	11.30	<=21.17	Pass
		5745	9.39	9.89	12.66	<=27.19	Pass
802.11n (HT40)	MIMO	5785	9.89	10.24	13.08	<=27.19	Pass
		5825	9.48	10.47	13.01	<=27.19	Pass
		5190	8.28	8.57	11.44	<=21.17	Pass
		5230	9.14	8.76	11.96	<=21.17	Pass
		5270	9.27	8.44	11.89	<=21.17	Pass
		5310	10.18	9.58	12.90	<=21.17	Pass
		5510	9.37	9.89	12.65	<=21.17	Pass
		5550	9.56	10.10	12.85	<=21.17	Pass
		5670	8.69	9.22	11.97	<=21.17	Pass
		5755	9.19	9.77	12.50	<=27.19	Pass
		5795	9.79	10.38	13.11	<=27.19	Pass

Note1: Antenna Gain:

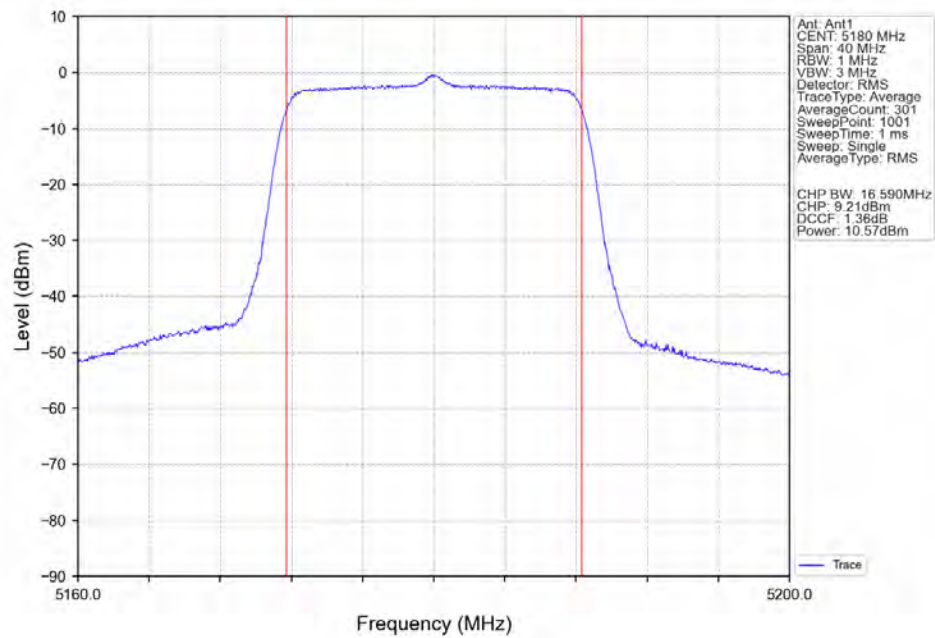
- Band: 2C Ant1: 5.80dBi;
- Band: 1 Ant1: 5.80dBi;
- Band: 3 Ant1: 5.80dBi;
- Band: 2A Ant1: 5.80dBi;
- Band: 2A Ant2: 5.80dBi;
- Band: 2C Ant2: 5.80dBi;
- Band: 1 Ant2: 5.80dBi;
- Band: 3 Ant2: 5.80dBi;

Note2: Directional Gain: 5.8dBi

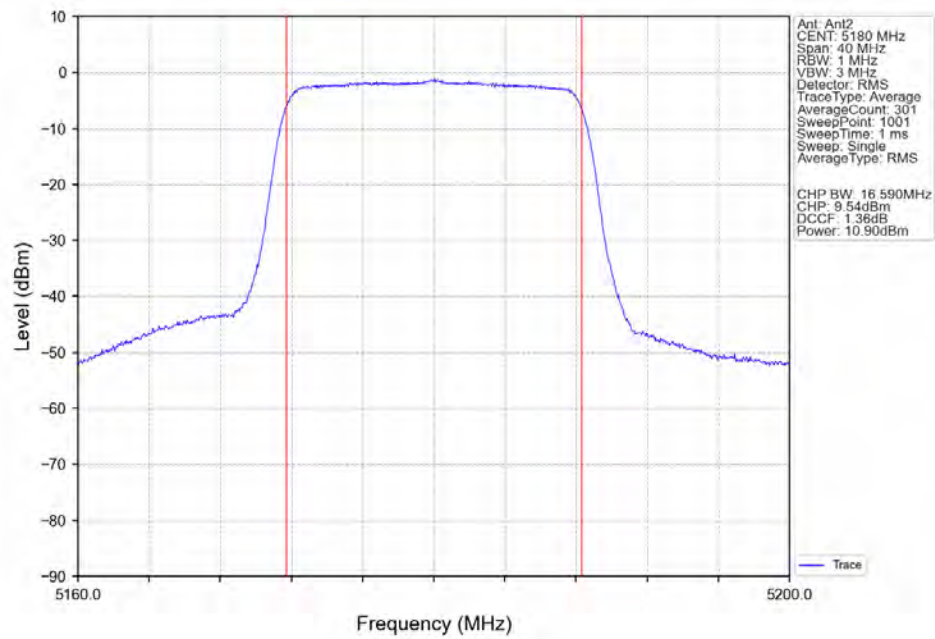
3.2 Test Graph

3.2.1 Power

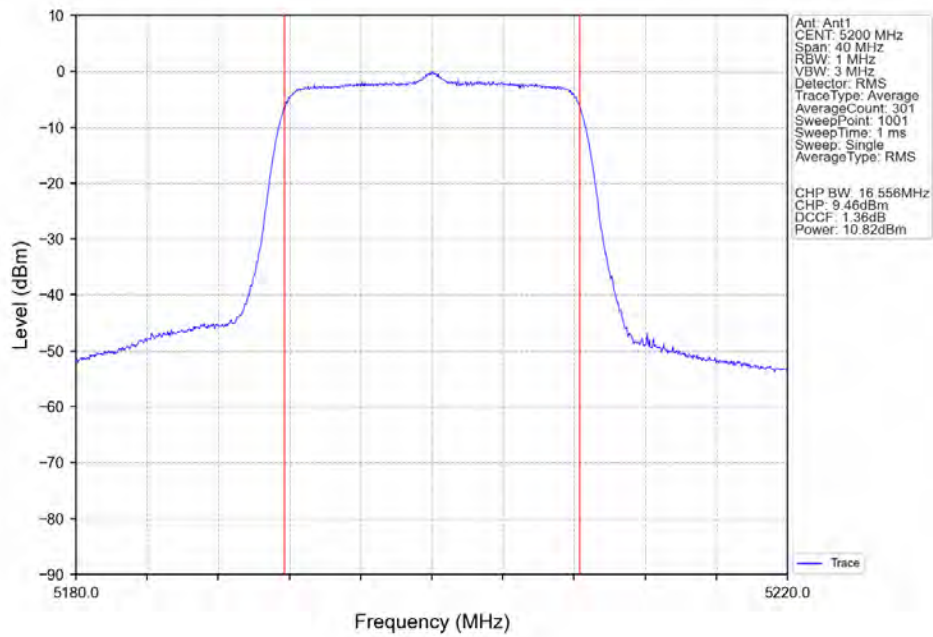
802.11a_LCH_5180MHz_Ant1_NTNV



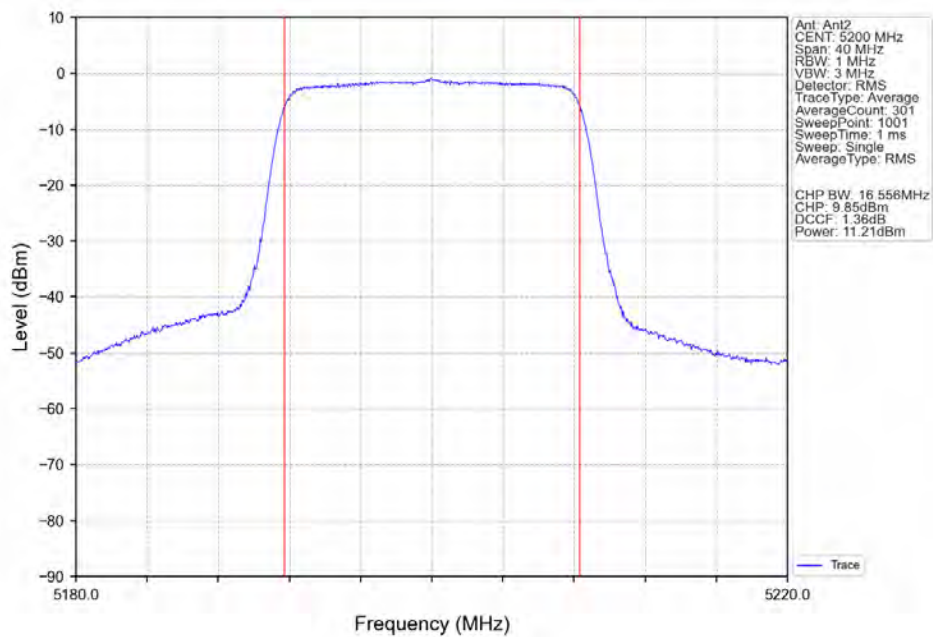
802.11a_LCH_5180MHz_Ant2_NTNV



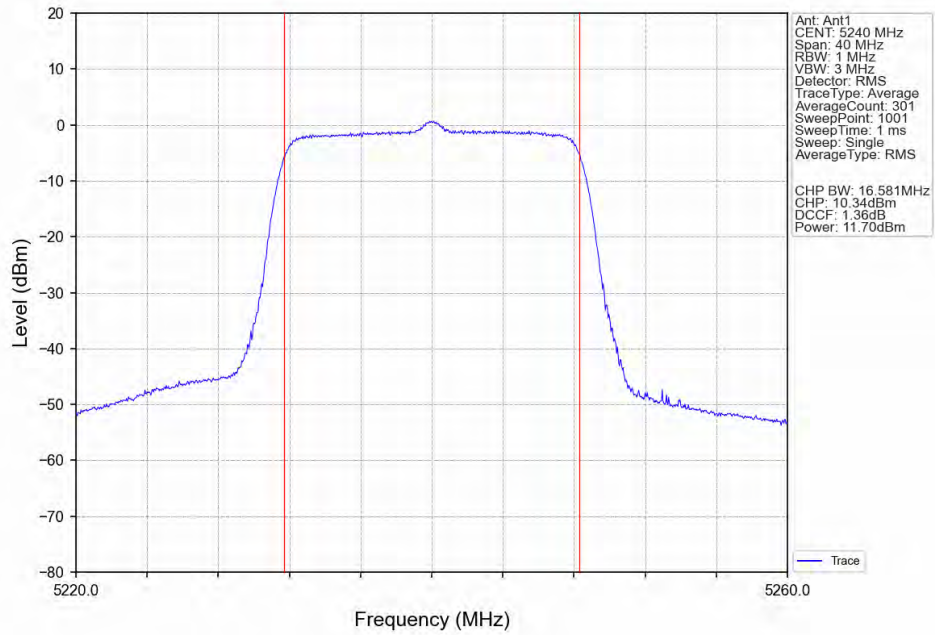
802.11a_MCH_5200MHz_Ant1_NTNV



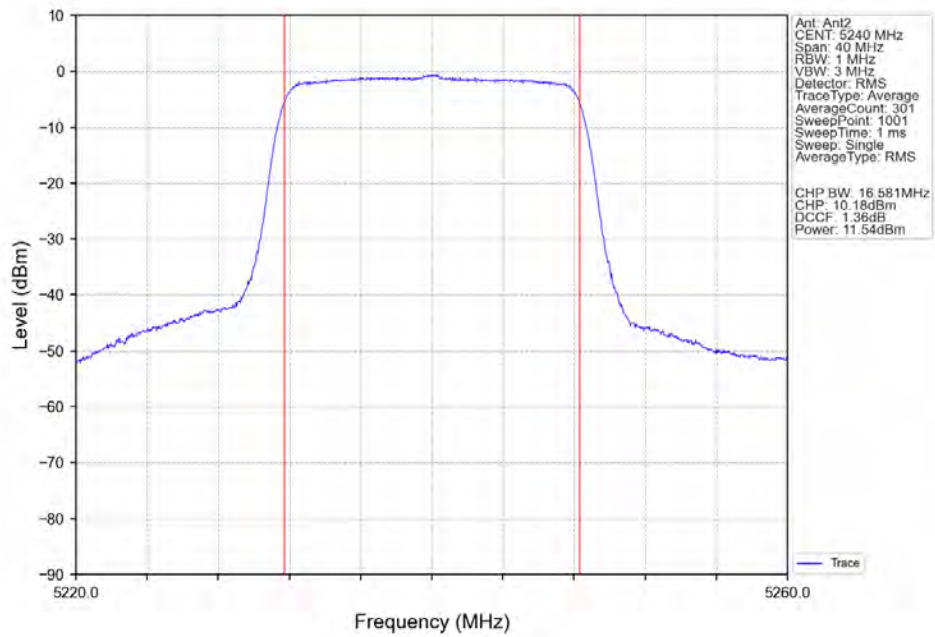
802.11a_MCH_5200MHz_Ant2_NTNV



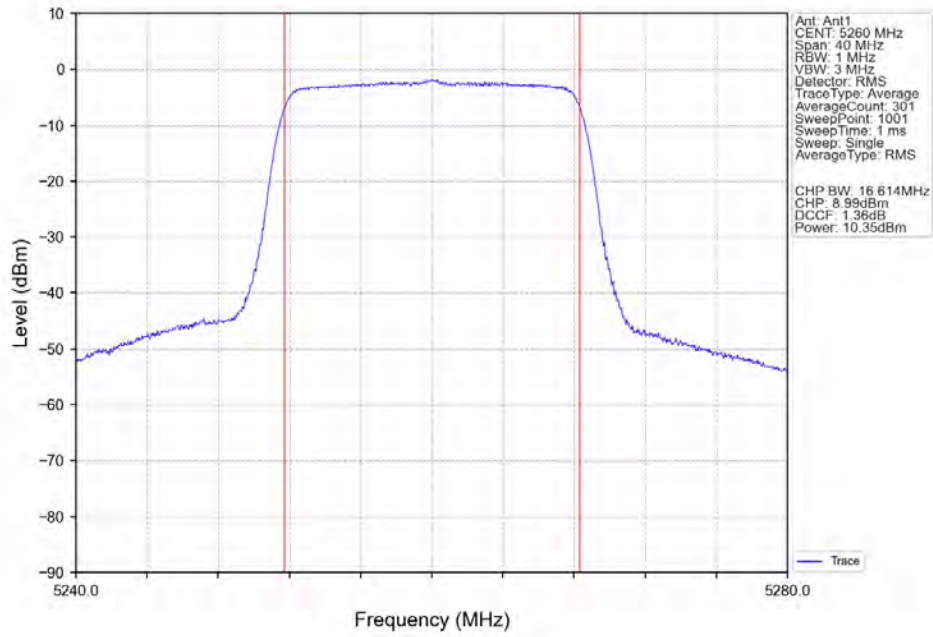
802.11a_HCH_5240MHz_Ant1_NTNV



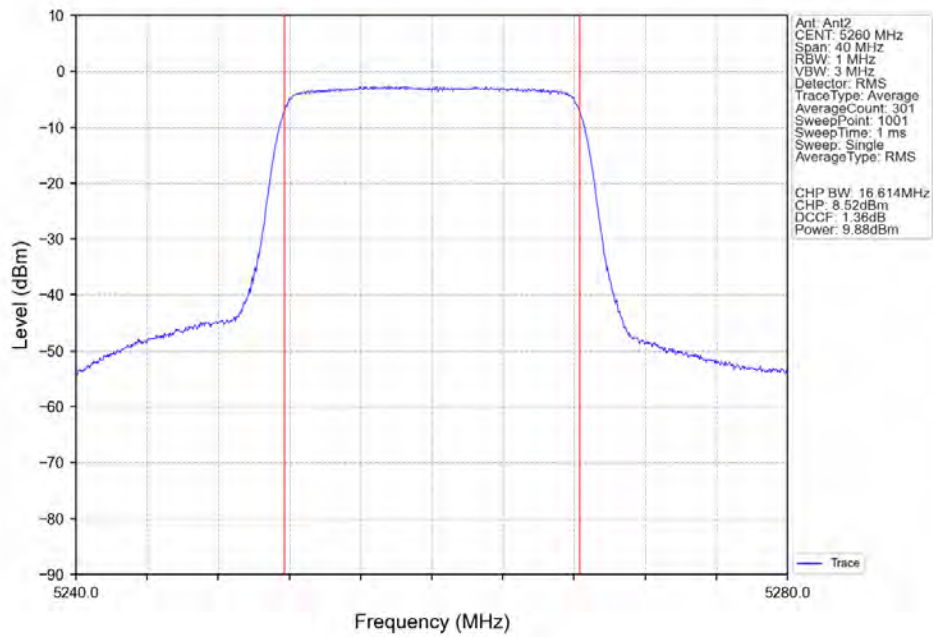
802.11a_HCH_5240MHz_Ant2_NTNV



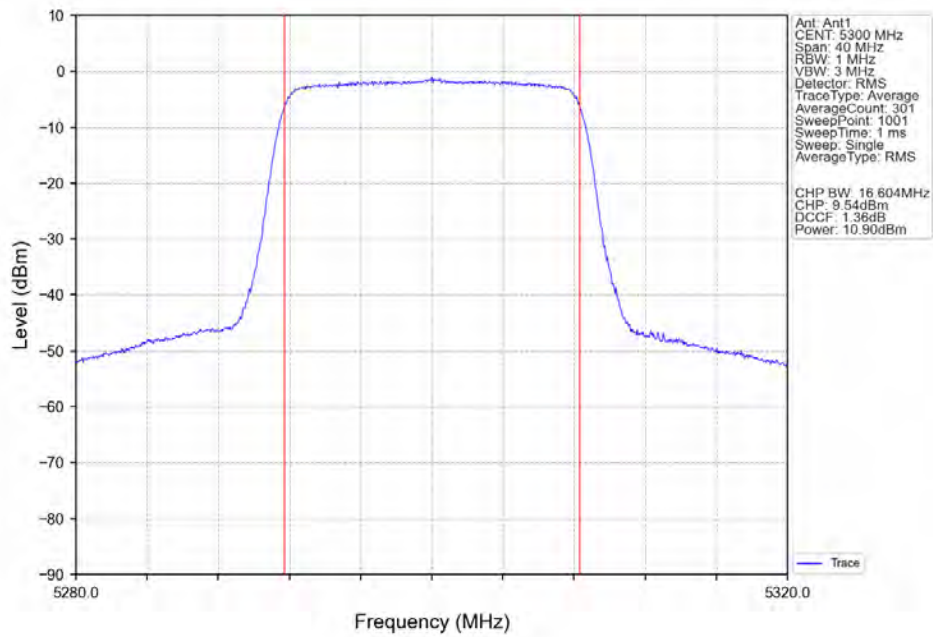
802.11a_LCH_5260MHz_Ant1_NTNV



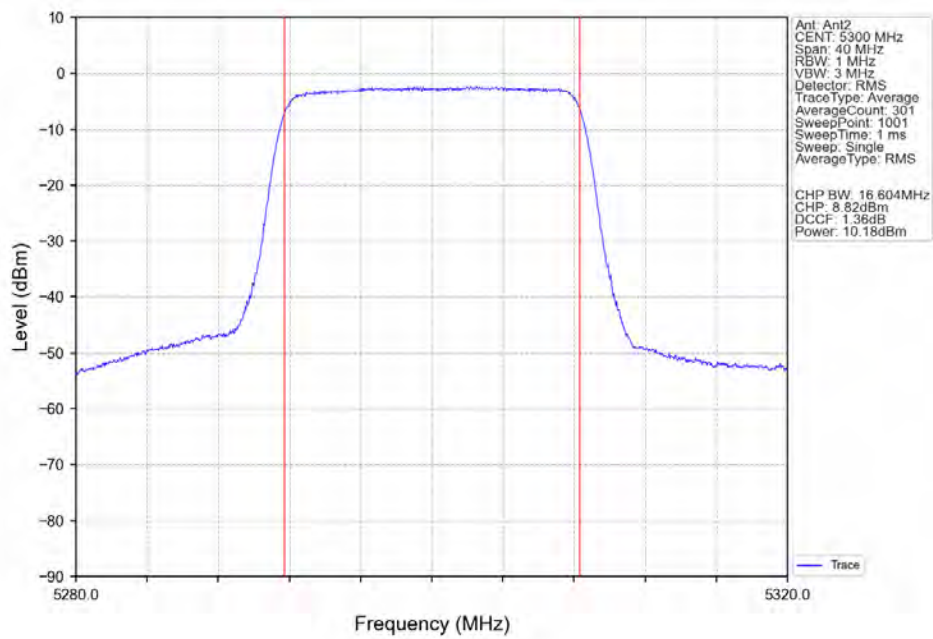
802.11a_LCH_5260MHz_Ant2_NTNV



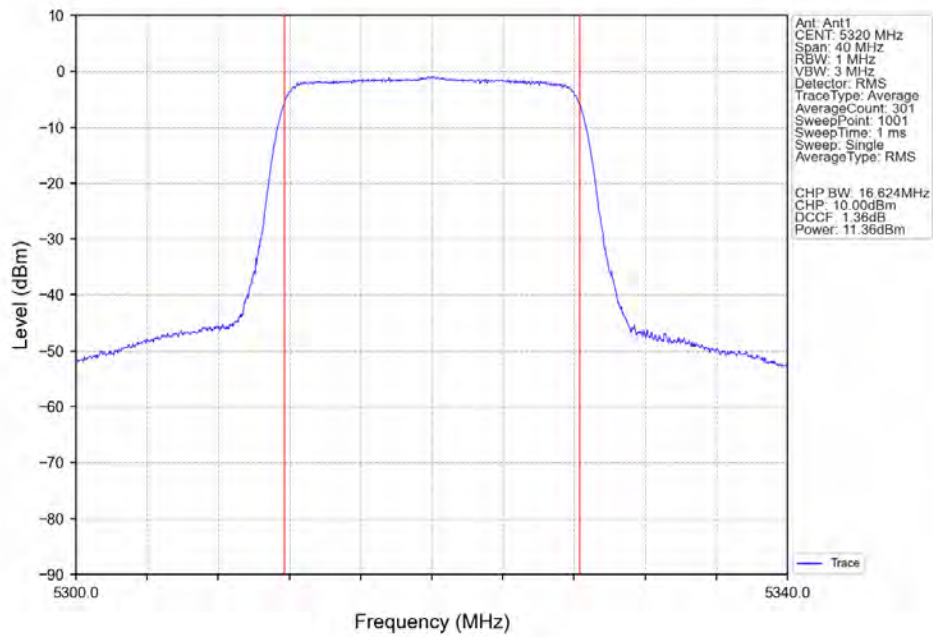
802.11a_MCH_5300MHz_Ant1_NTNV



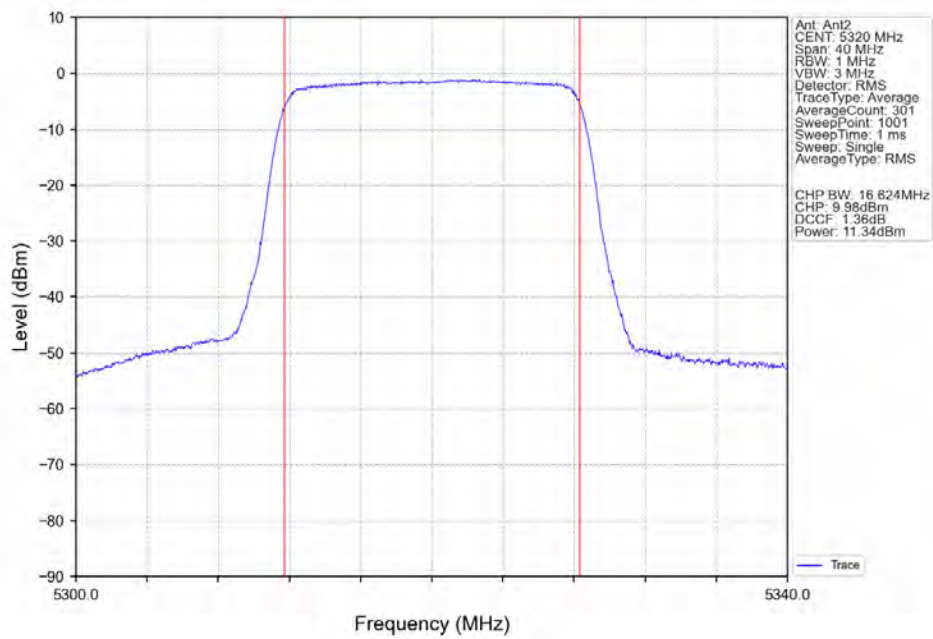
802.11a_MCH_5300MHz_Ant2_NTNV



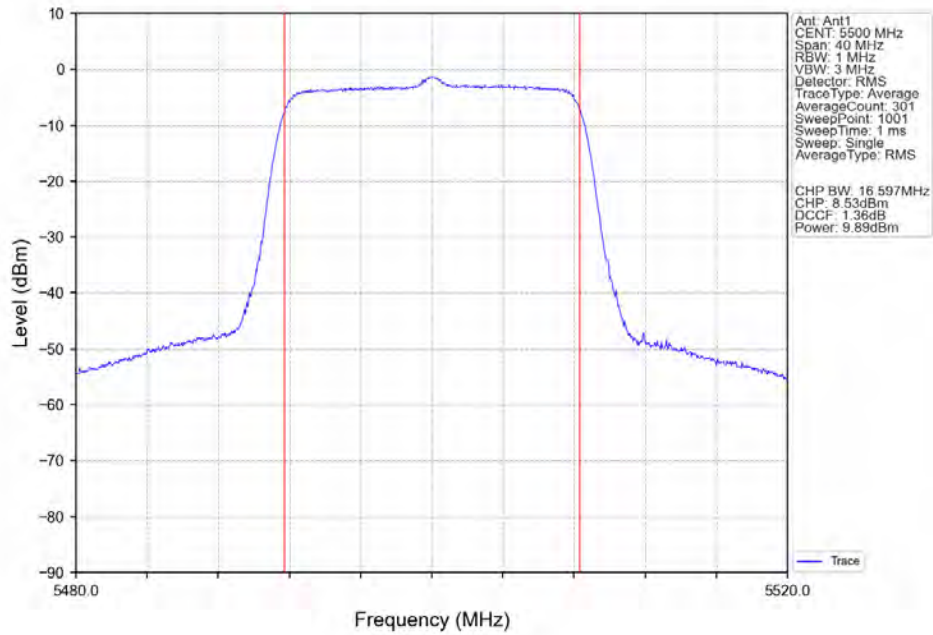
802.11a_HCH_5320MHz_Ant1_NTNV



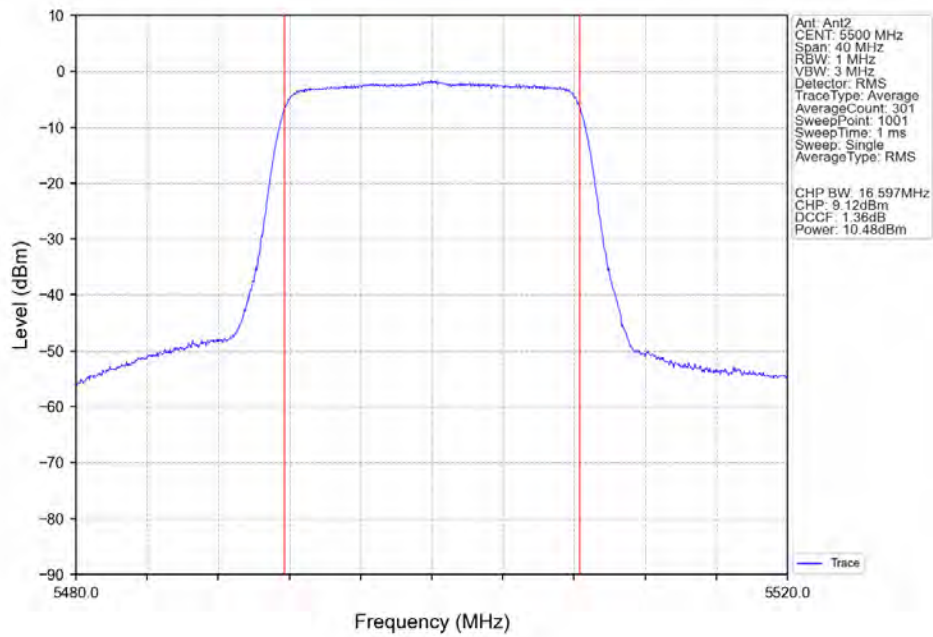
802.11a_HCH_5320MHz_Ant2_NTNV



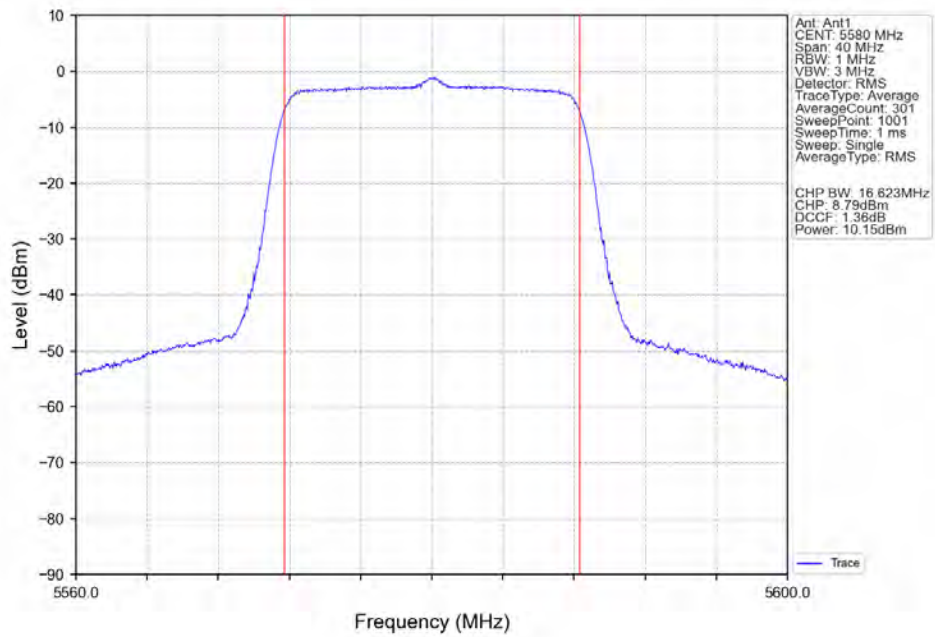
802.11a LCH_5500MHz_Ant1_NTNV



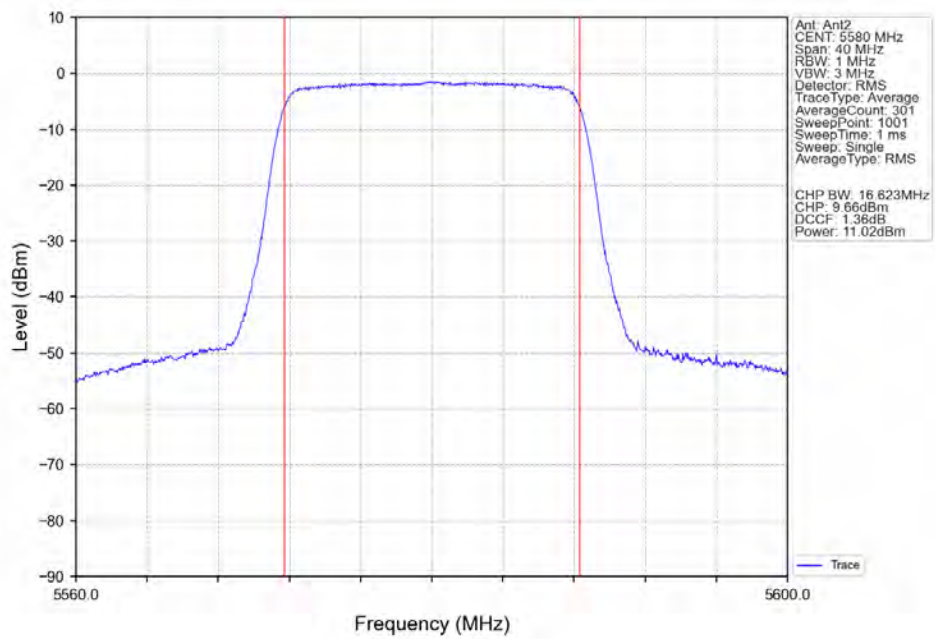
802.11a LCH_5500MHz_Ant2_NTNV



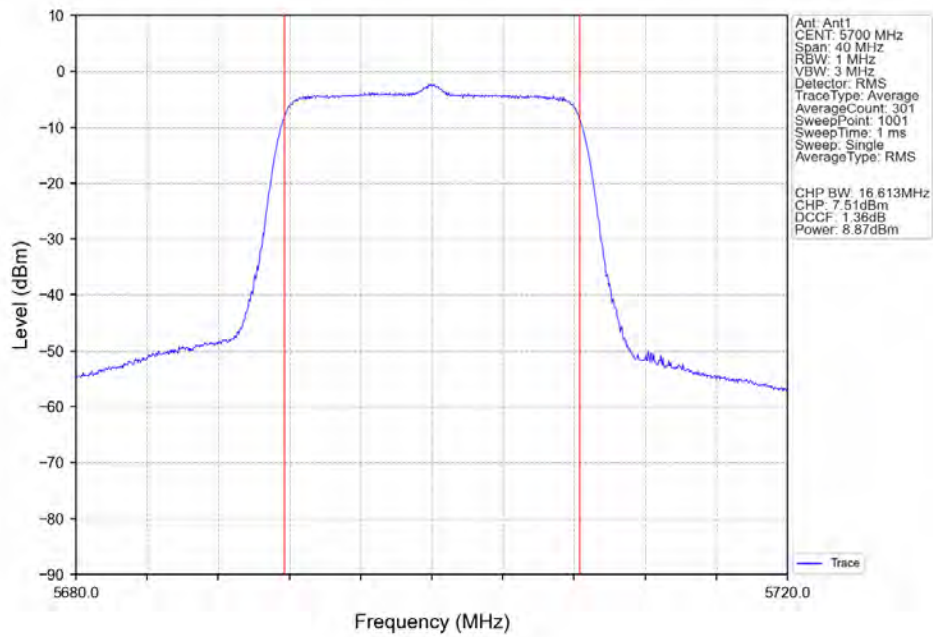
802.11a_MCH_5580MHz_Ant1_NTNV



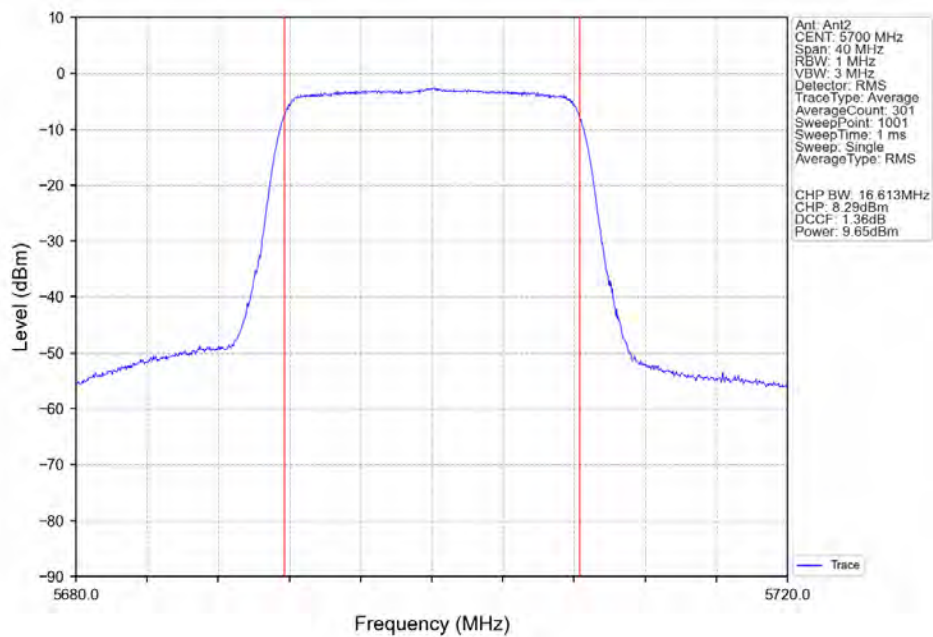
802.11a_MCH_5580MHz_Ant2_NTNV



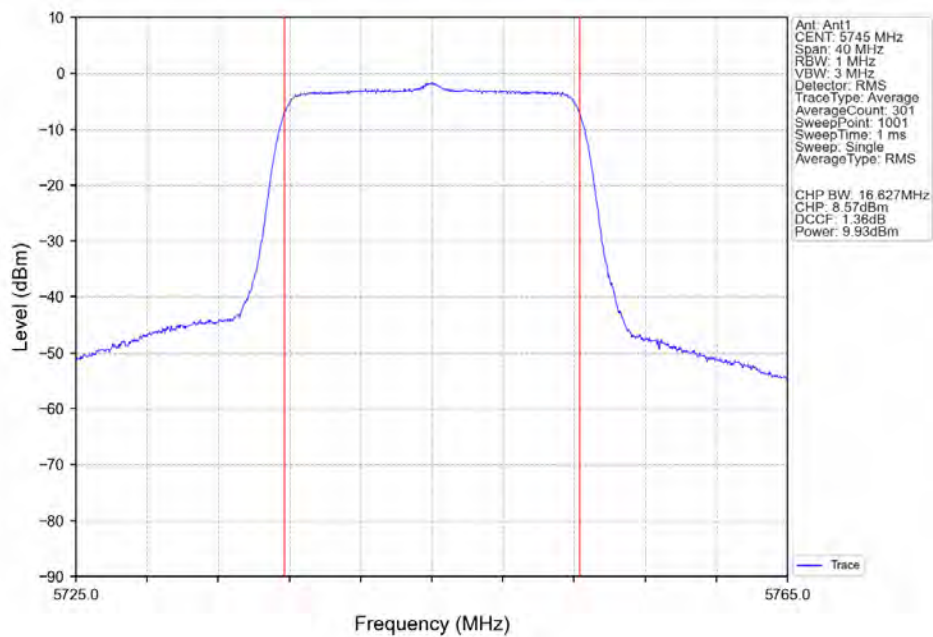
802.11a_HCH_5700MHz_Ant1_NTNV



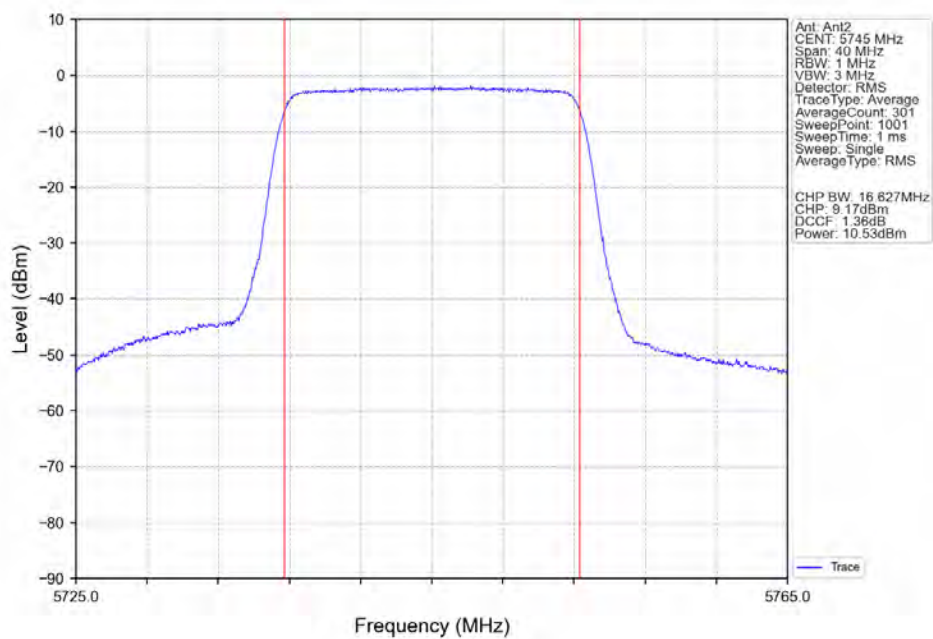
802.11a_HCH_5700MHz_Ant2_NTNV



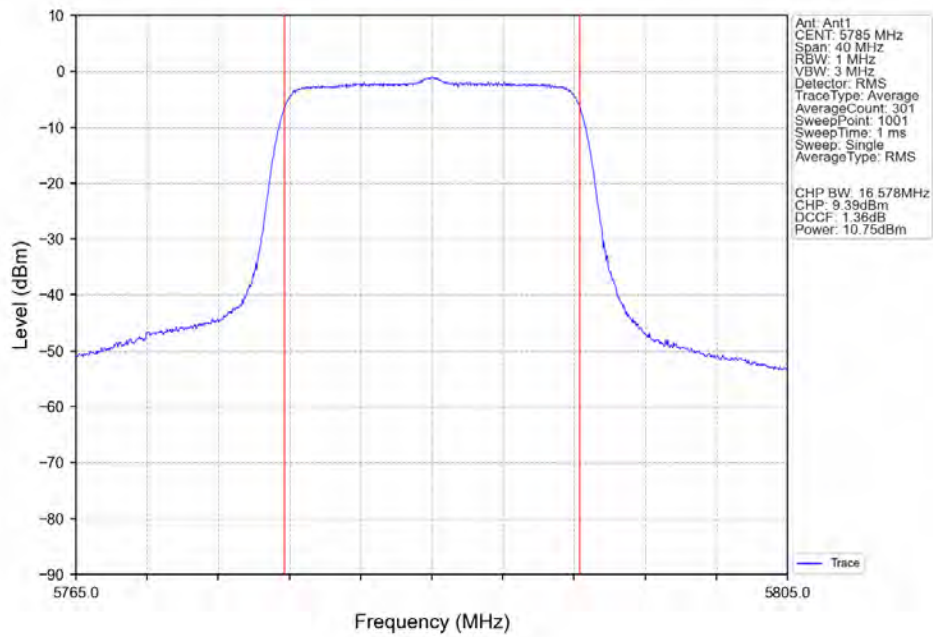
802.11a LCH_5745MHz_Ant1_NTNV



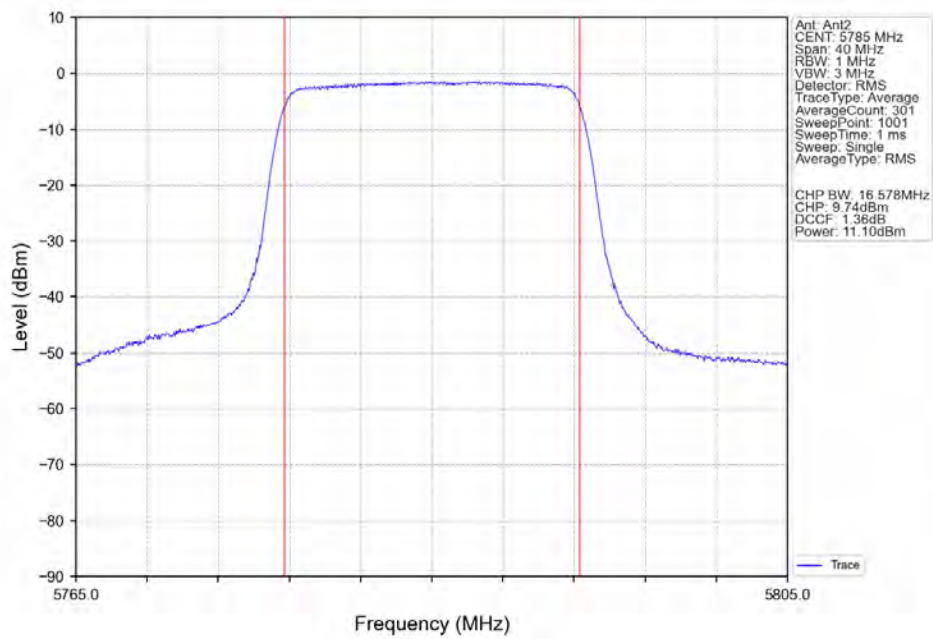
802.11a LCH_5745MHz_Ant2_NTNV



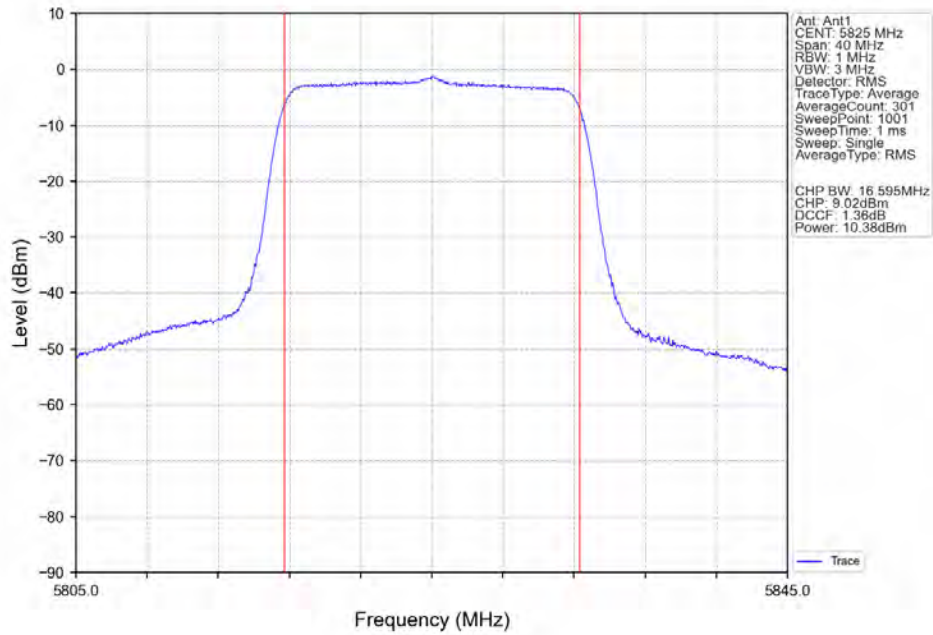
802.11a_MCH_5785MHz_Ant1_NTNV



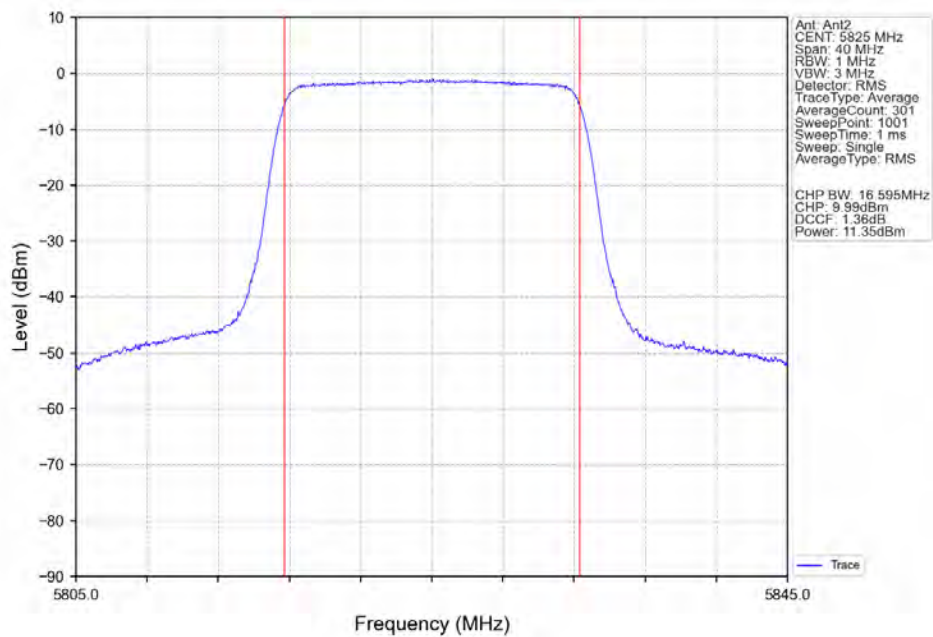
802.11a_MCH_5785MHz_Ant2_NTNV



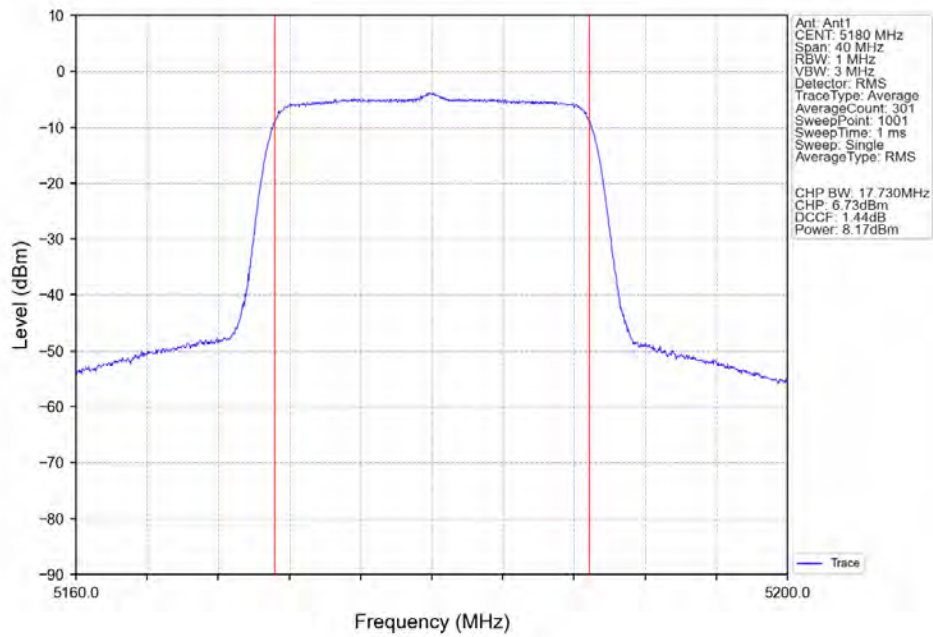
802.11a_HCH_5825MHz_Ant1_NTNV



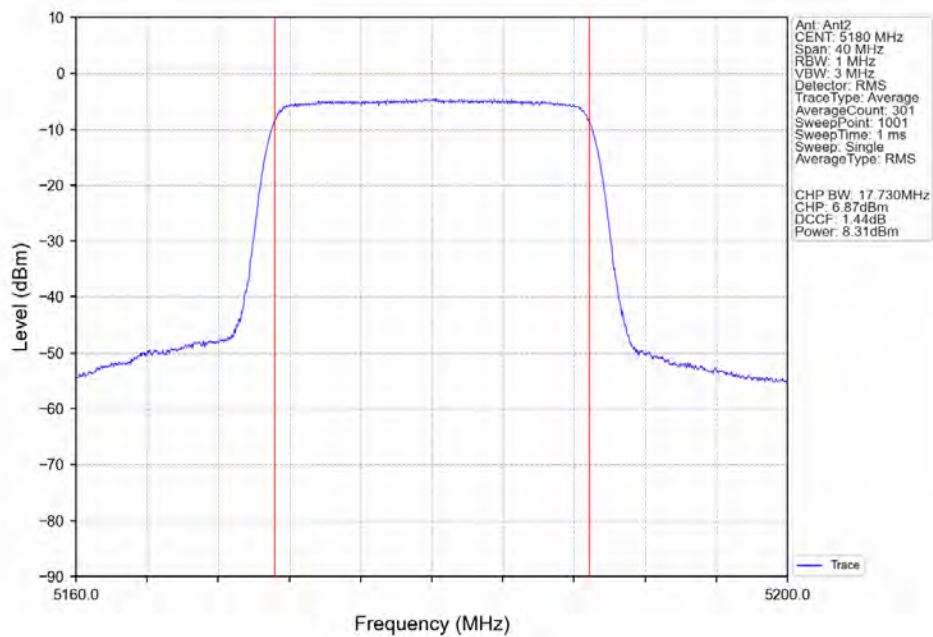
802.11a_HCH_5825MHz_Ant2_NTNV



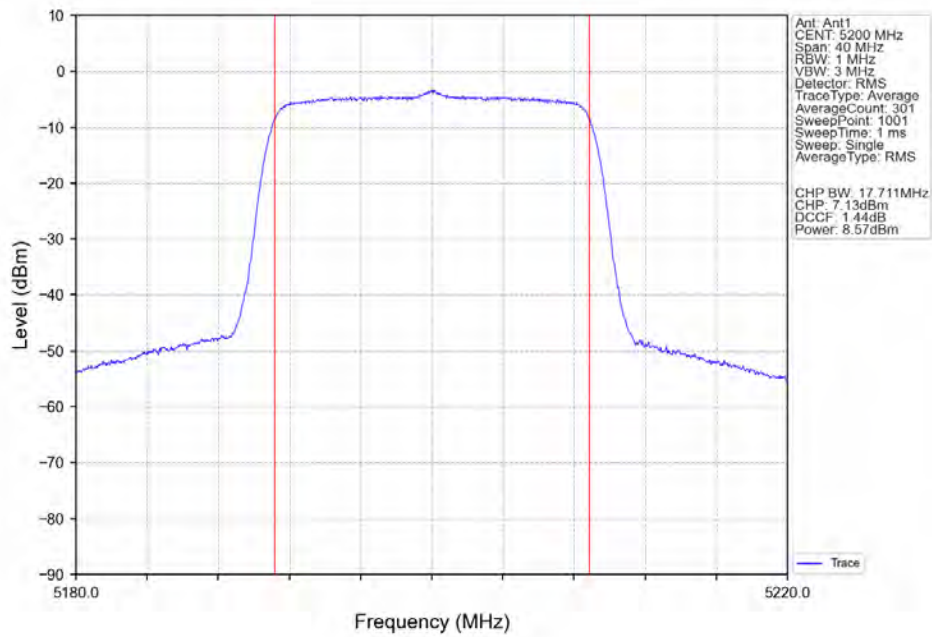
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



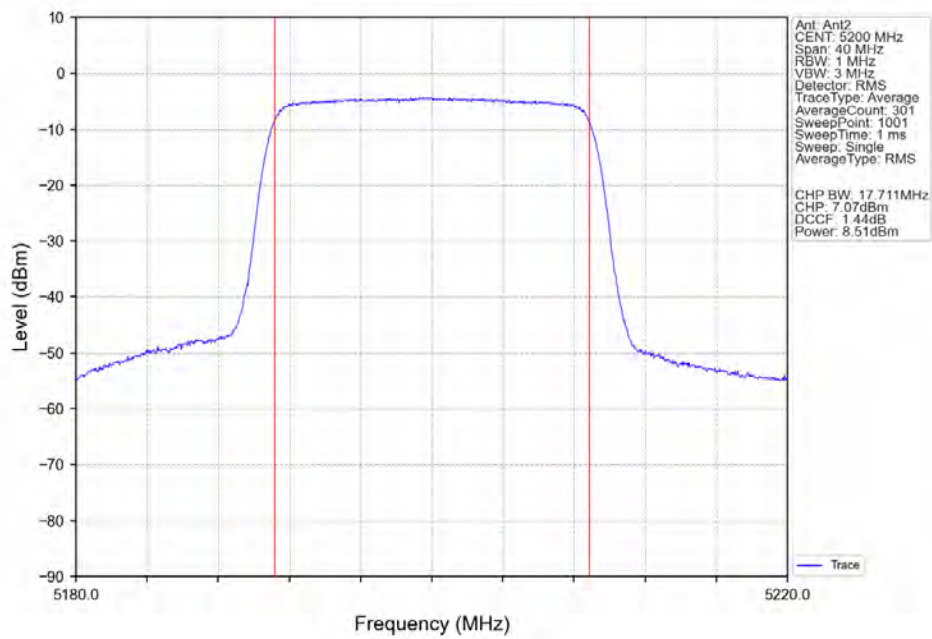
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



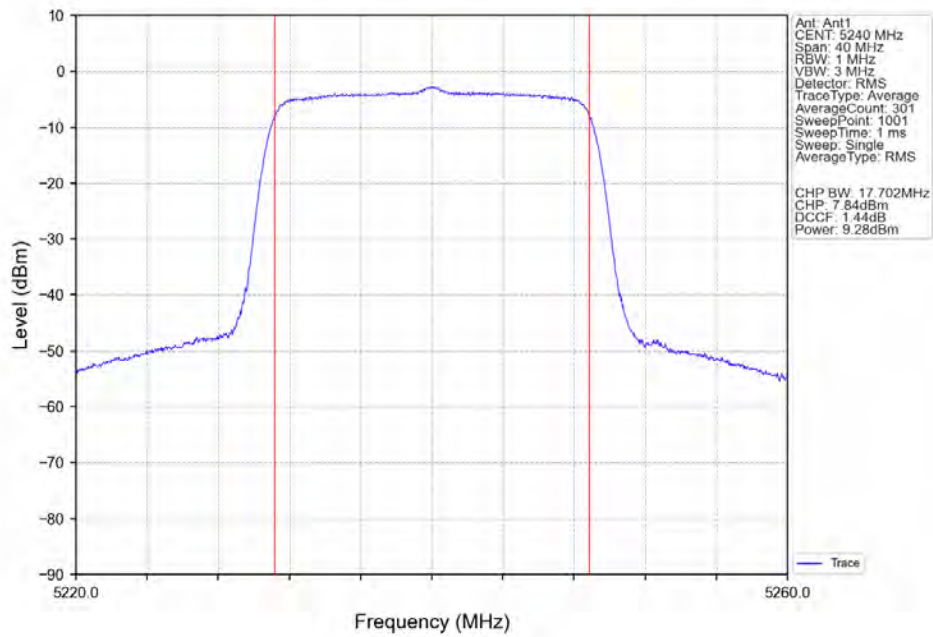
802.11n(HT20) MCH 5200MHz_Ant1_NTNV



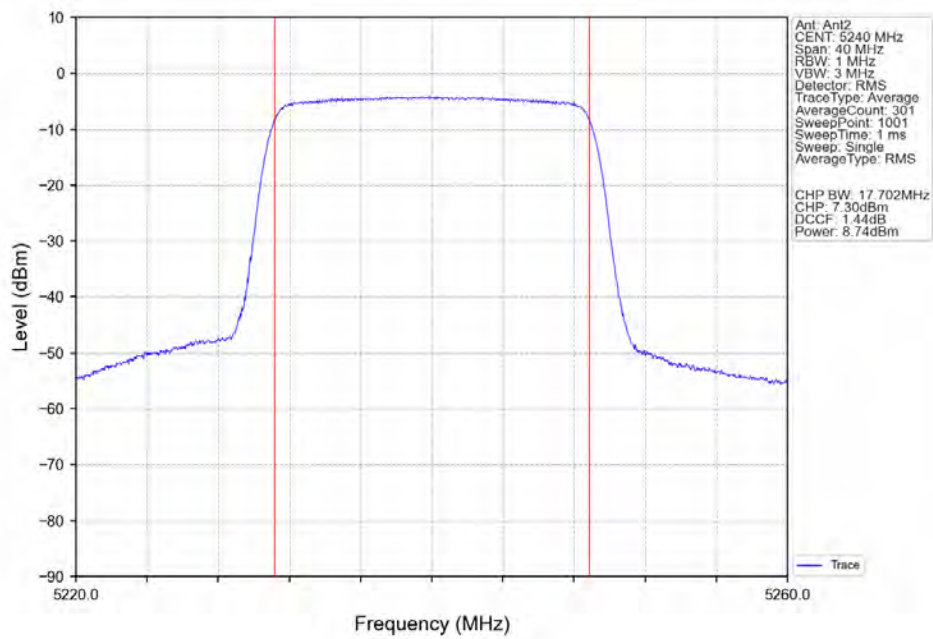
802.11n(HT20) MCH 5200MHz_Ant2_NTNV



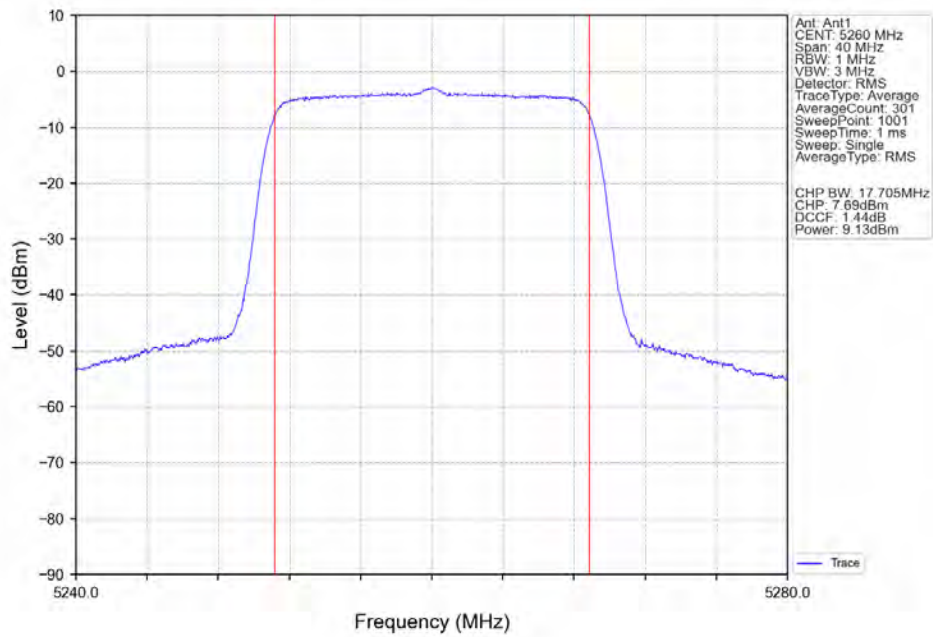
802.11n(HT20) HCH 5240MHz Ant1 NTN



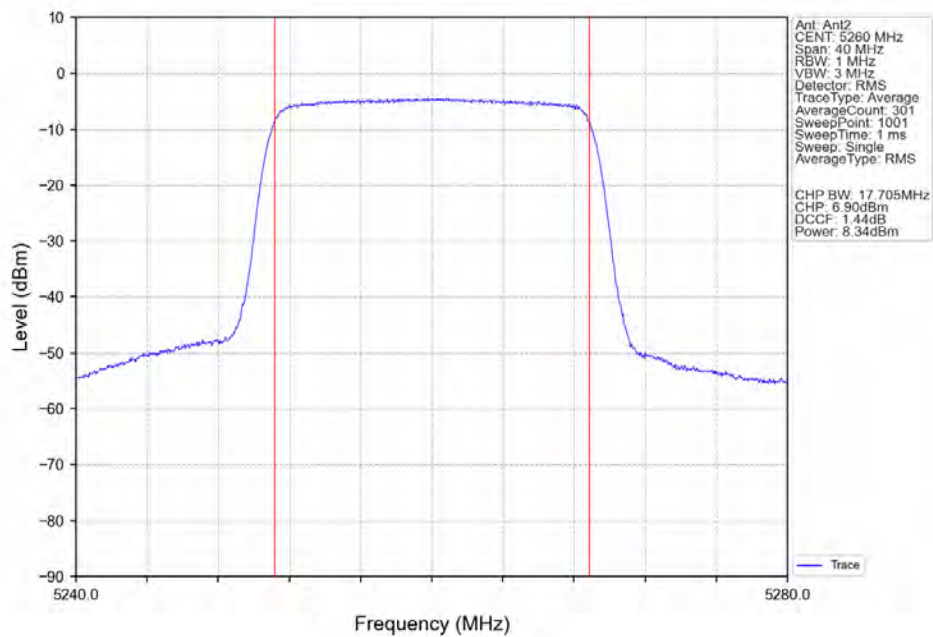
802.11n(HT20) HCH 5240MHz Ant2 NTN



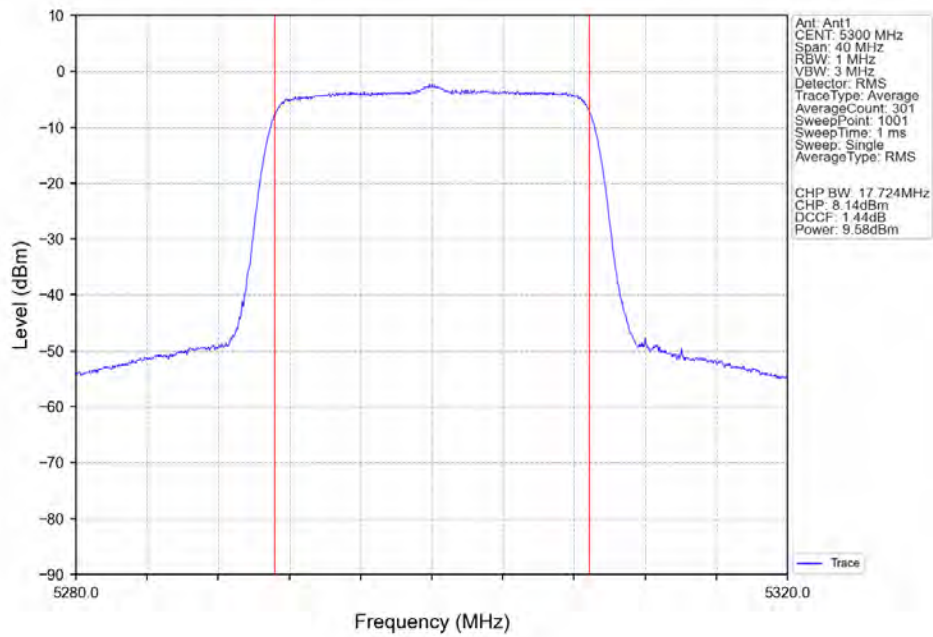
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



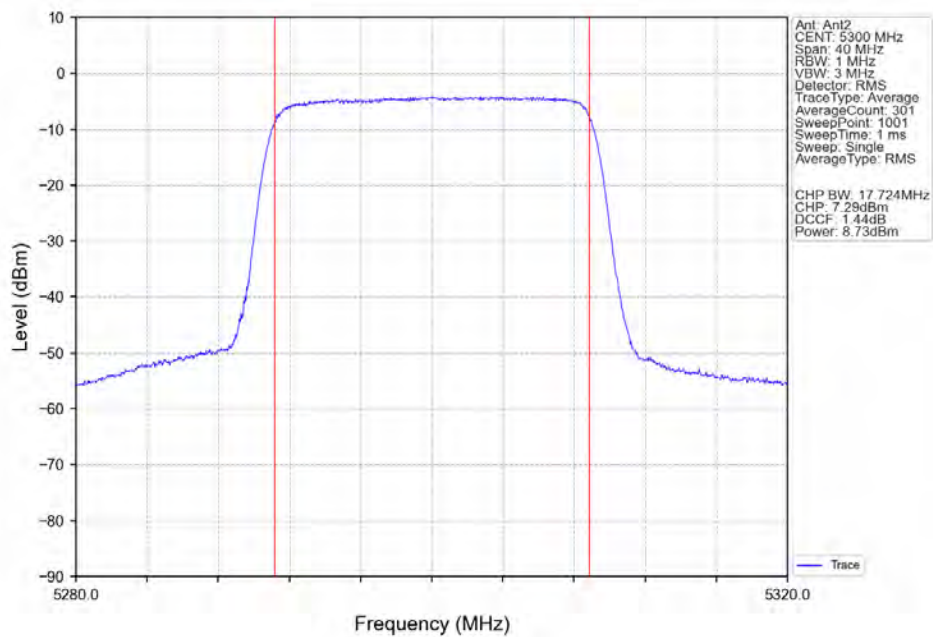
802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



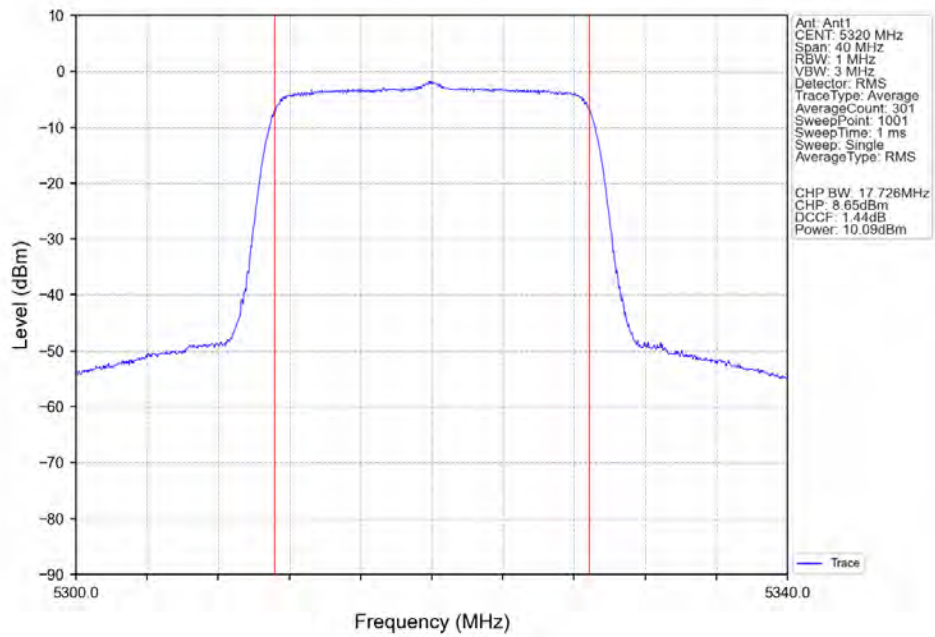
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



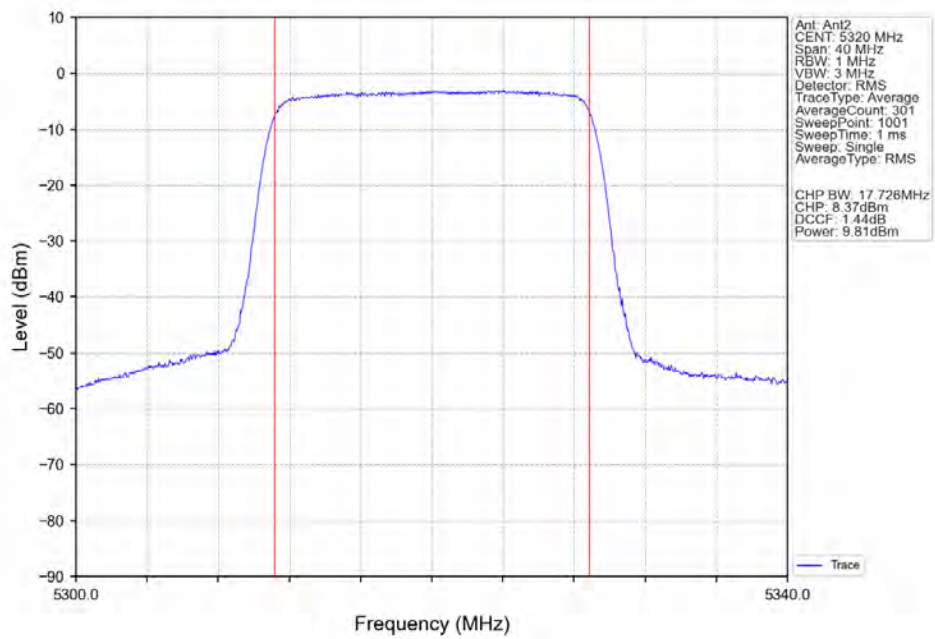
802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



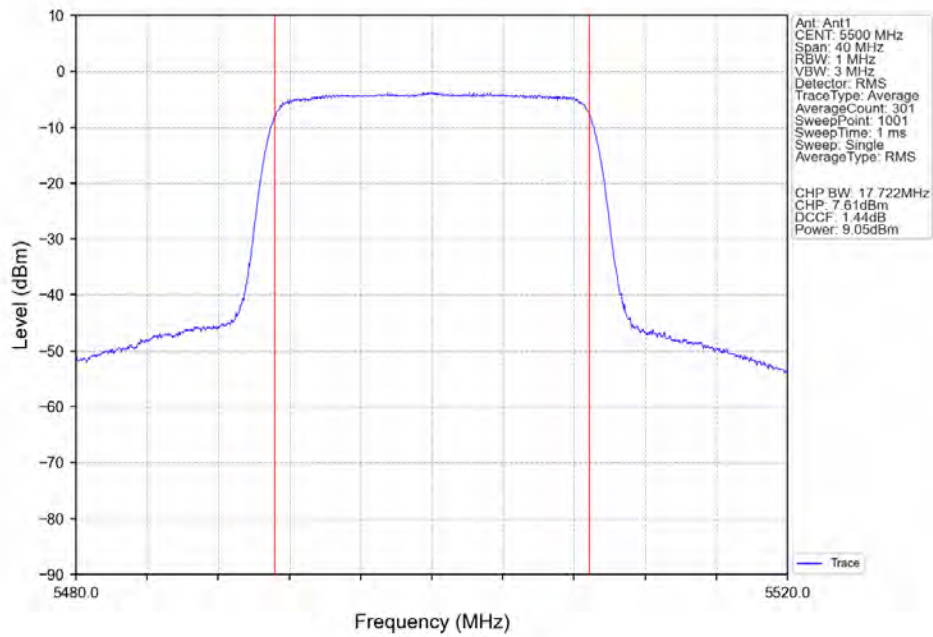
802.11n(HT20) HCH 5320MHz Ant1 NTN



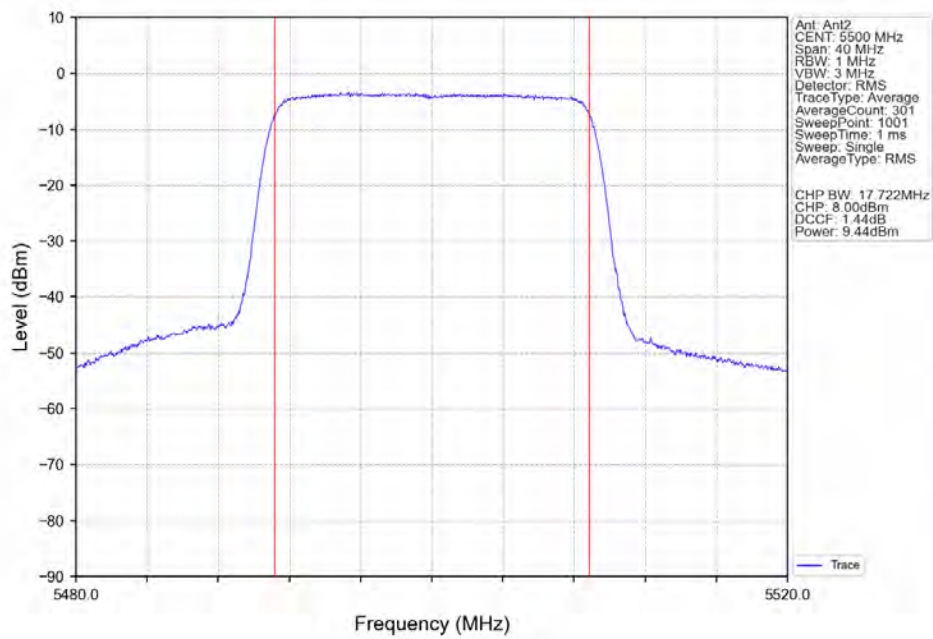
802.11n(HT20) HCH 5320MHz Ant2 NTN



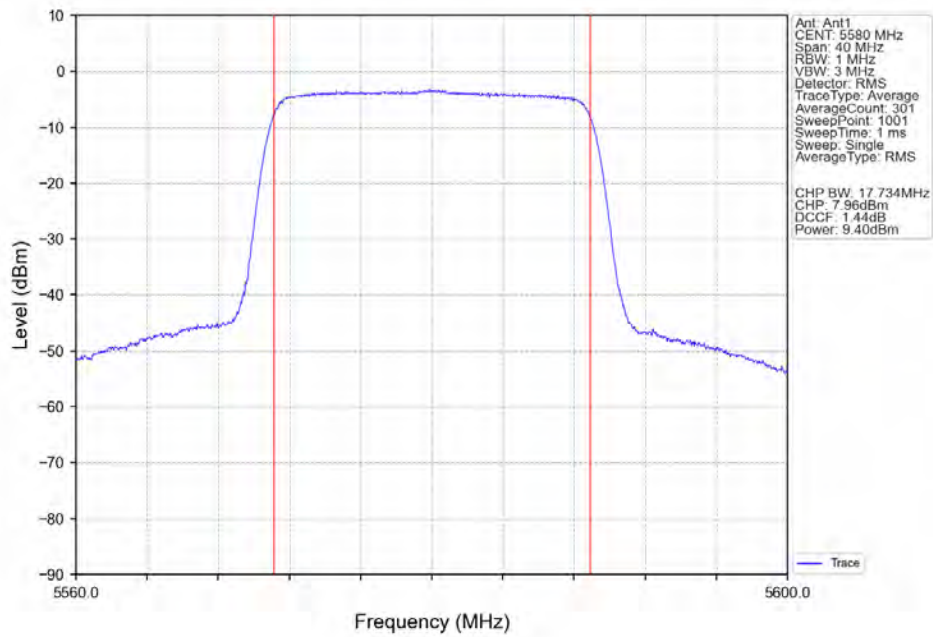
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



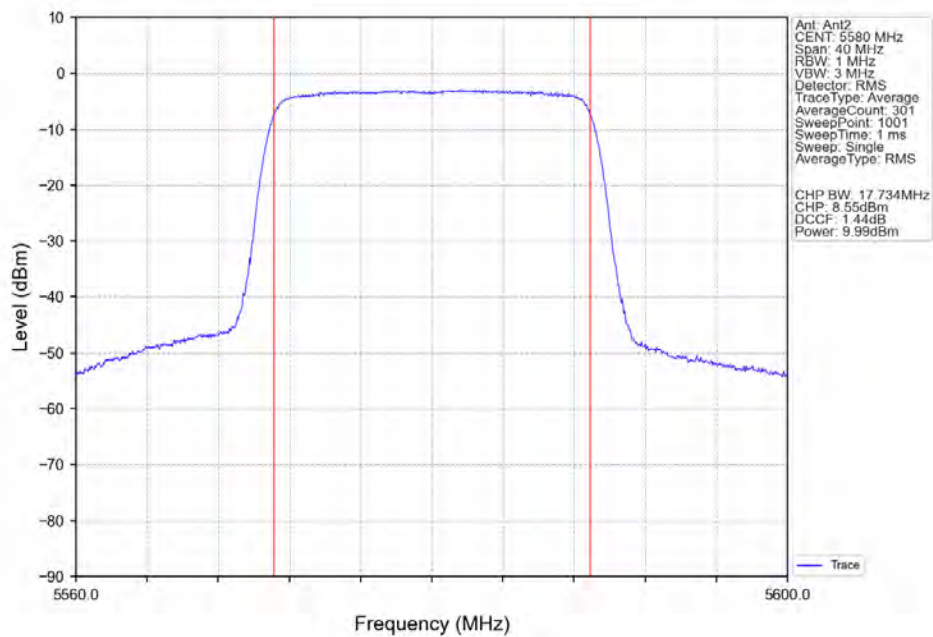
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



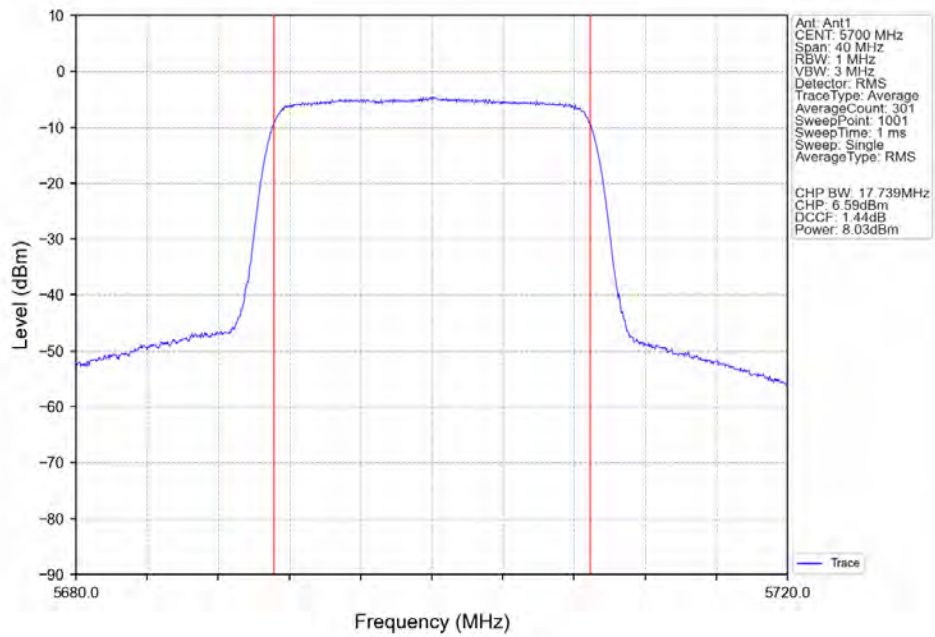
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



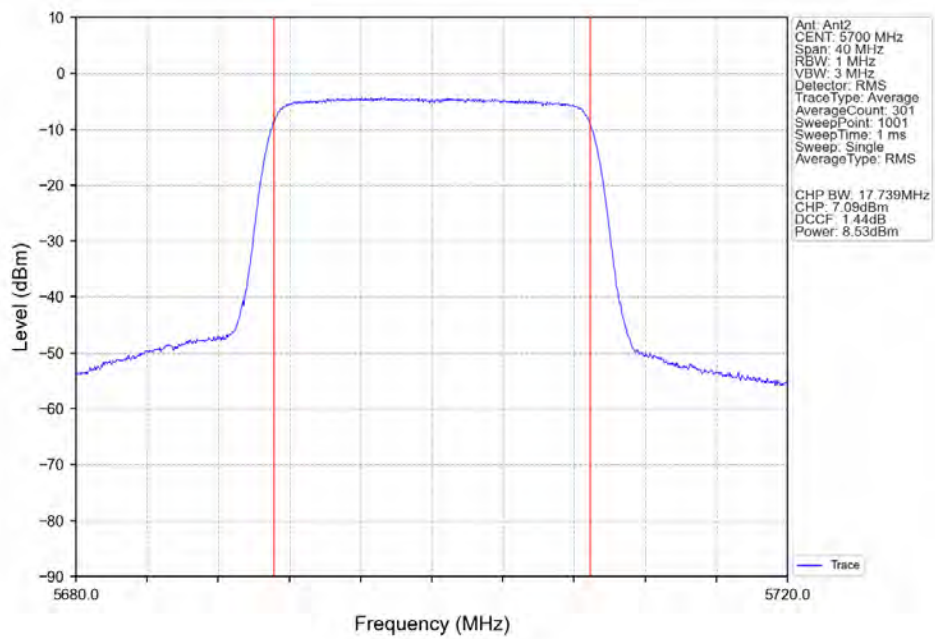
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



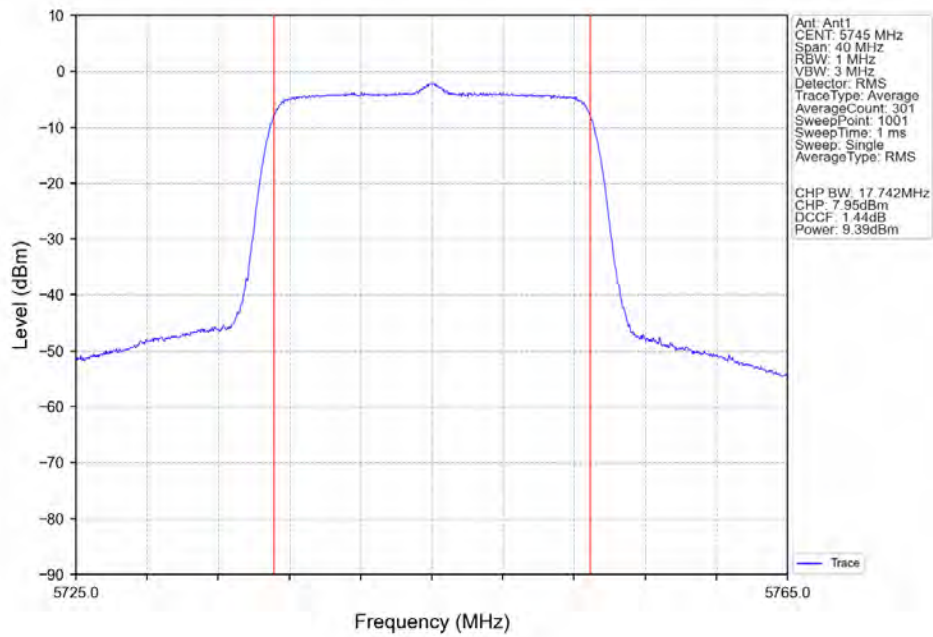
802.11n(HT20) HCH 5700MHz Ant1 NTN



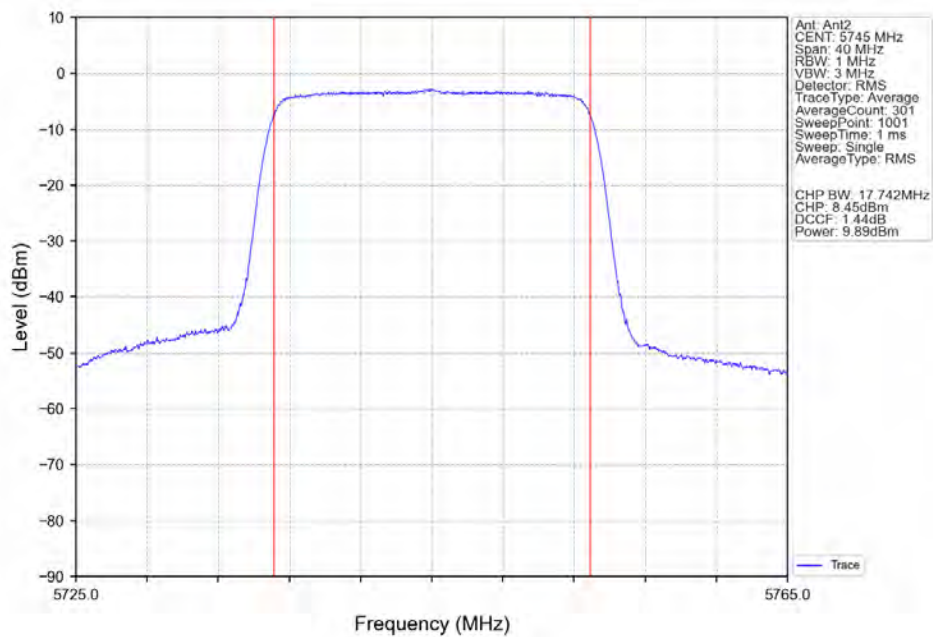
802.11n(HT20) HCH 5700MHz Ant2 NTN



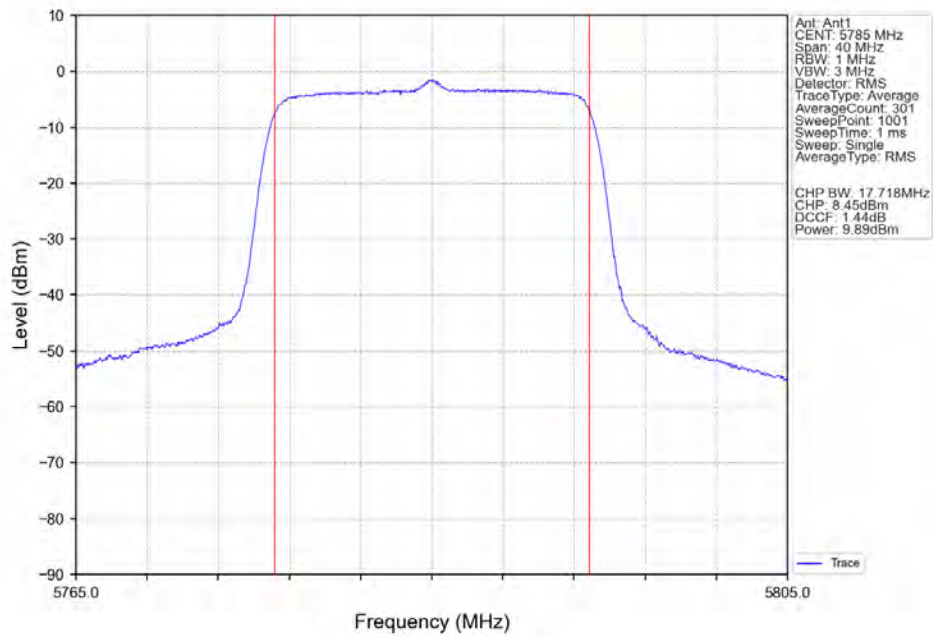
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



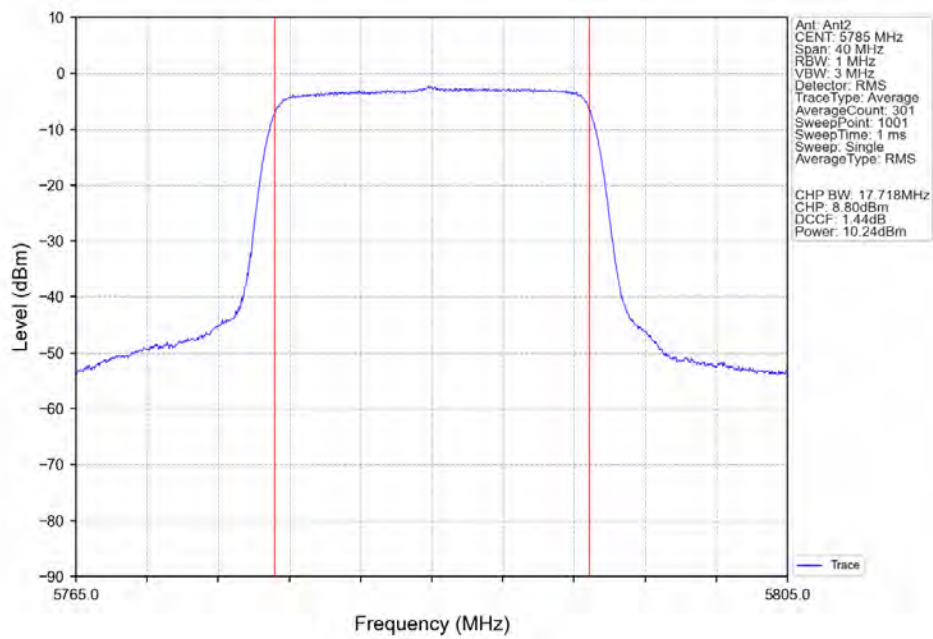
802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



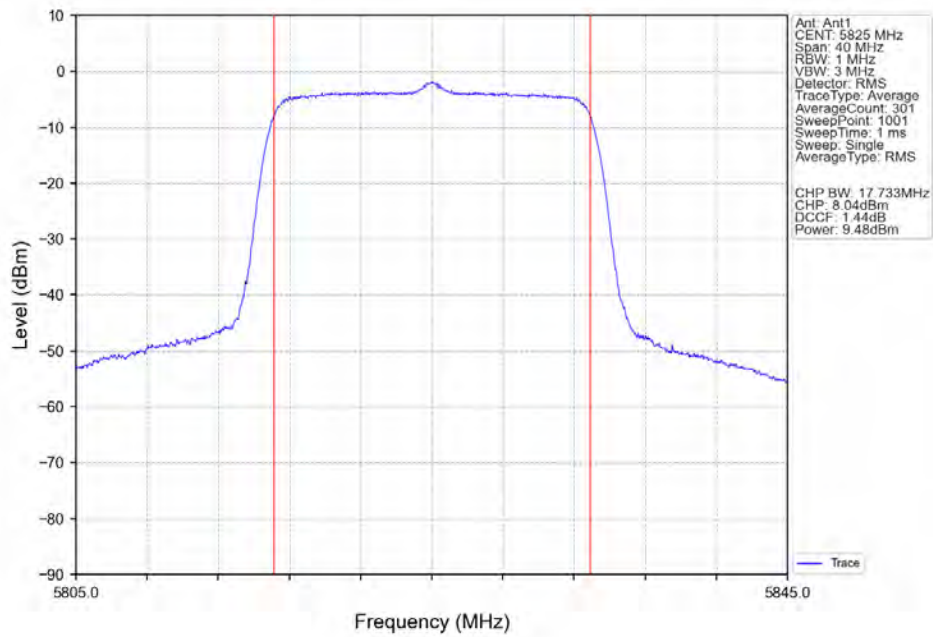
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



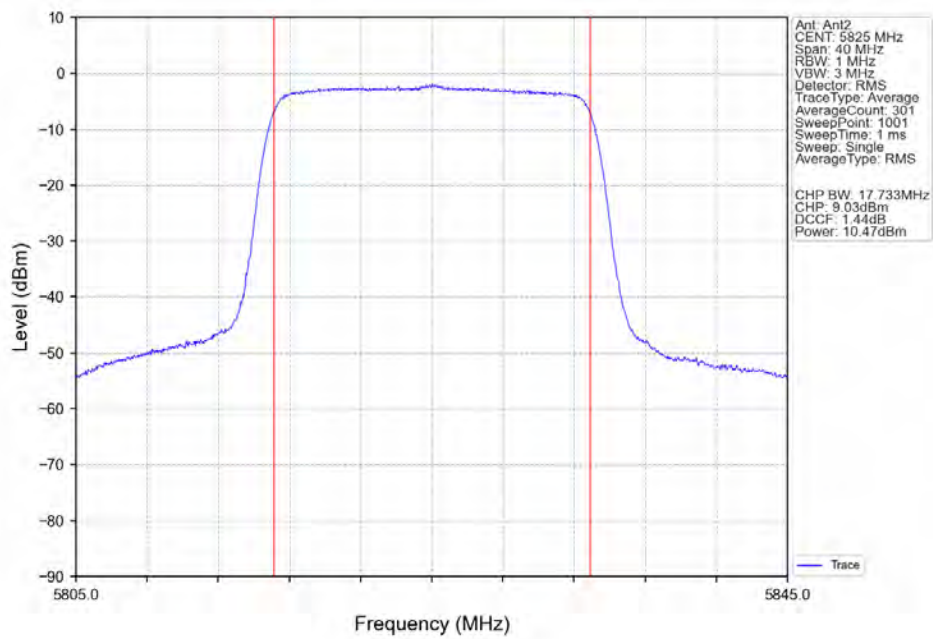
802.11n(HT20) MCH 5785MHz_Ant2_NTNV



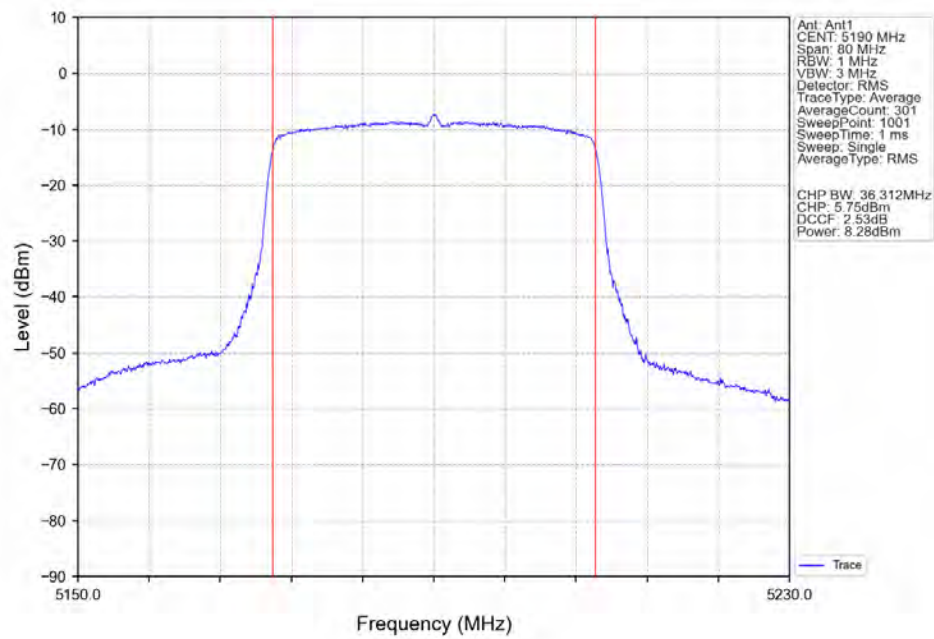
802.11n(HT20) HCH 5825MHz Ant1 NTN



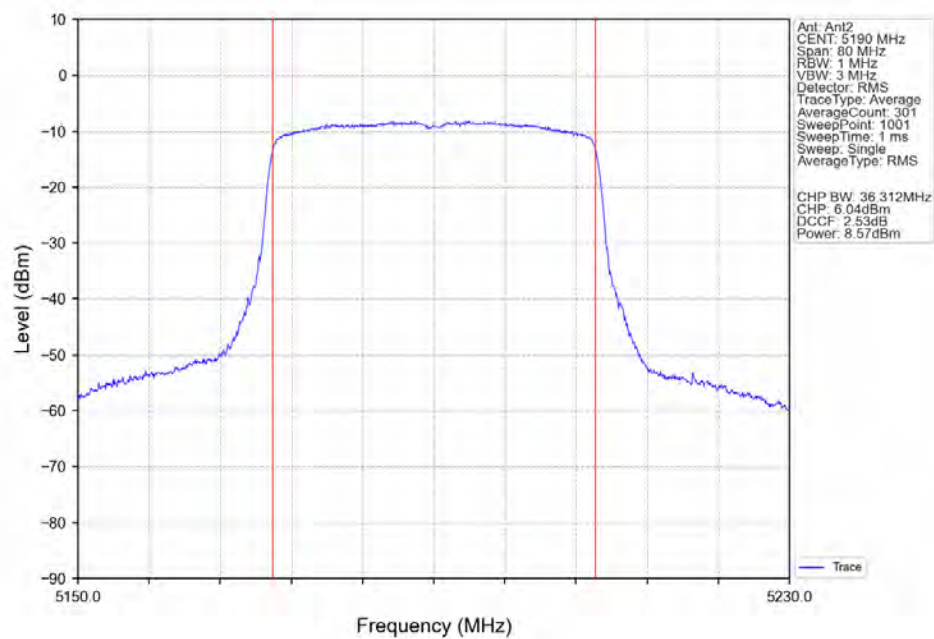
802.11n(HT20) HCH 5825MHz Ant2 NTN



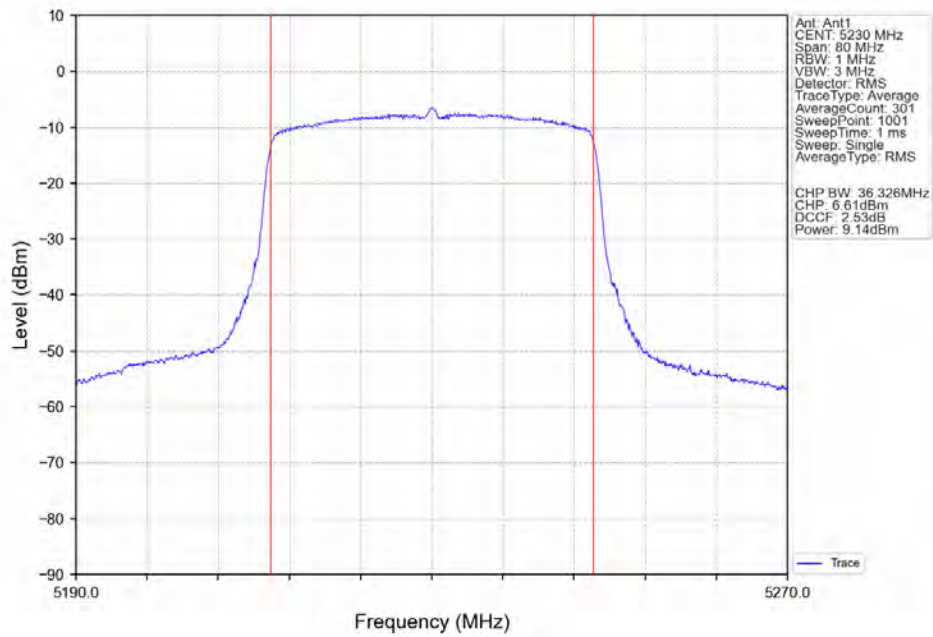
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



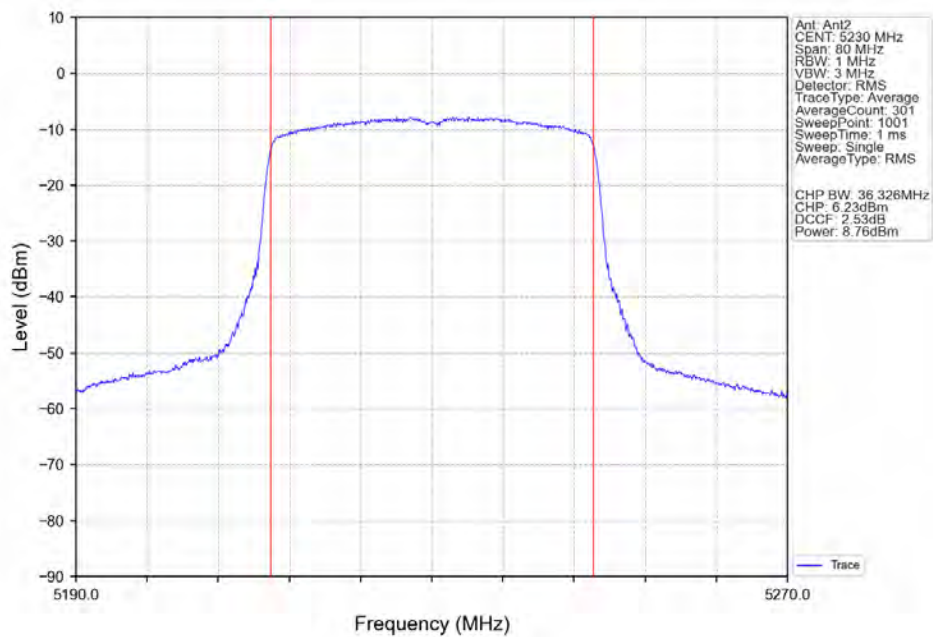
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



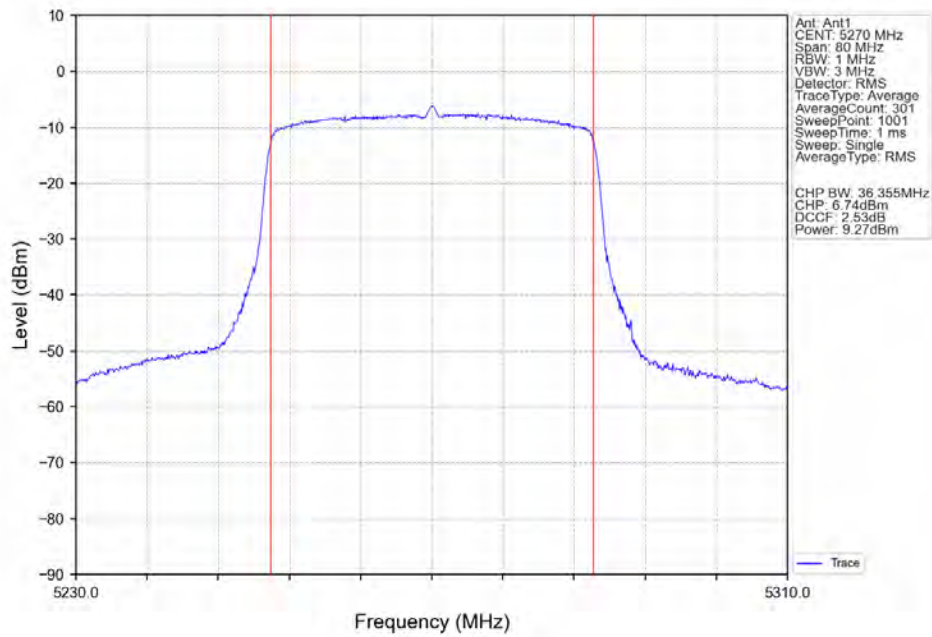
802.11n(HT40) HCH 5230MHz Ant1 NTN



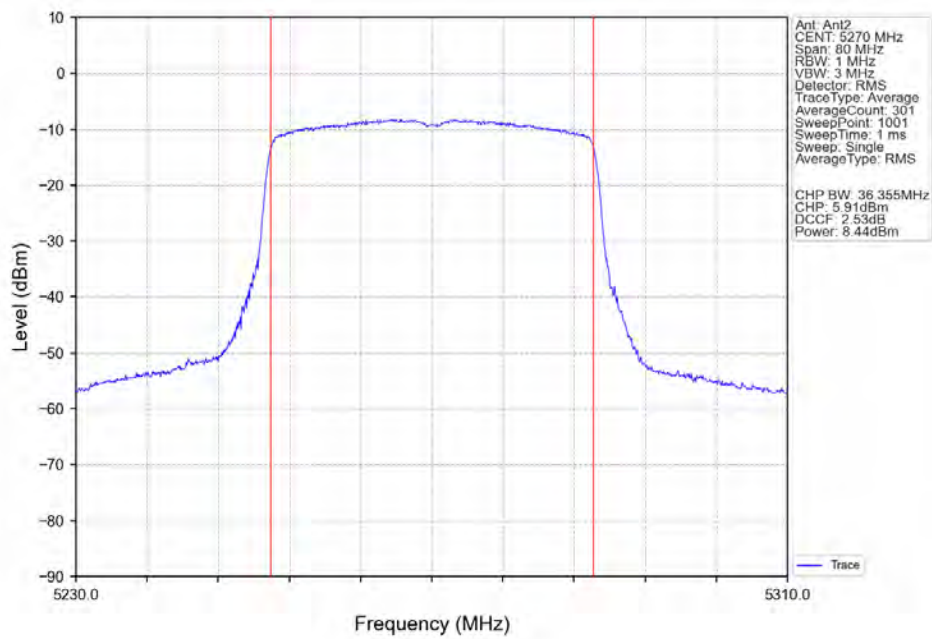
802.11n(HT40) HCH 5230MHz Ant2 NTN



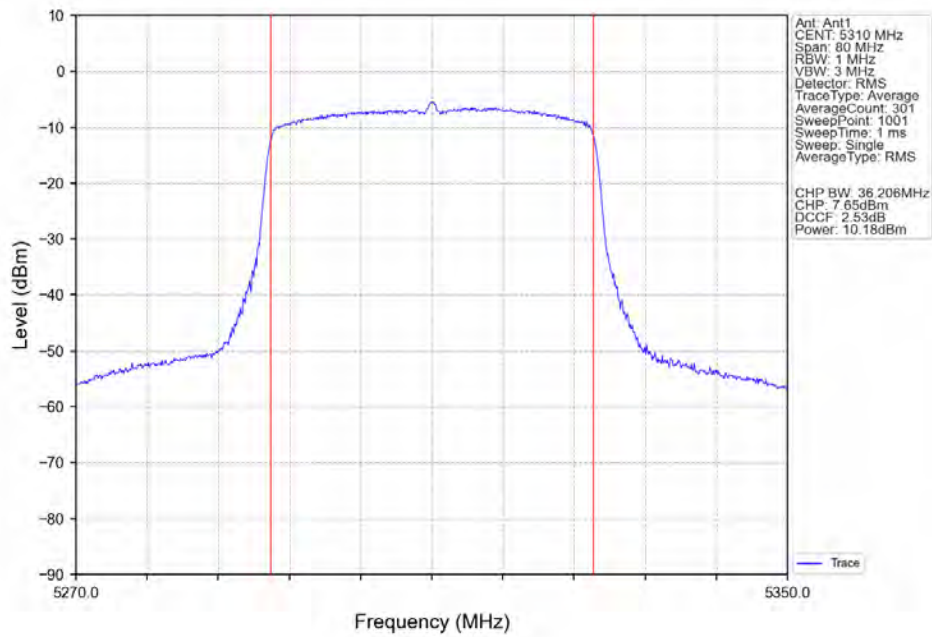
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



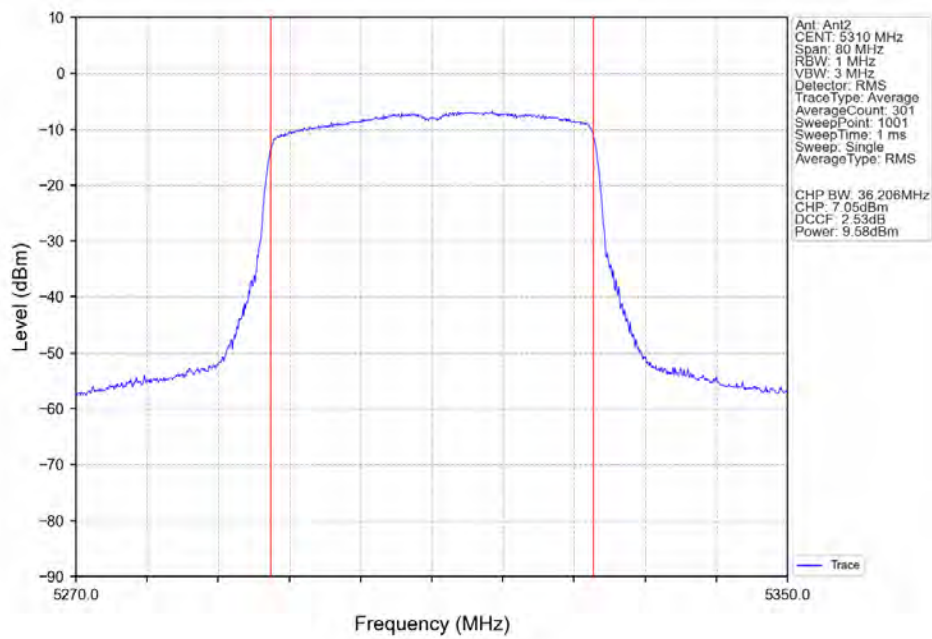
802.11n(HT40)_LCH_5270MHz_Ant2_NTNV



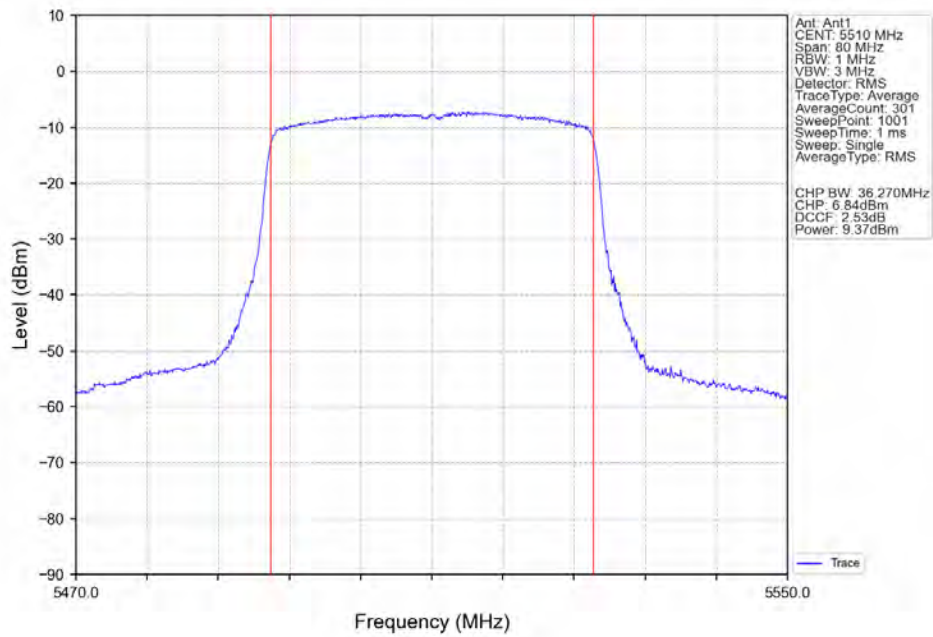
802.11n(HT40) HCH 5310MHz Ant1 NTN



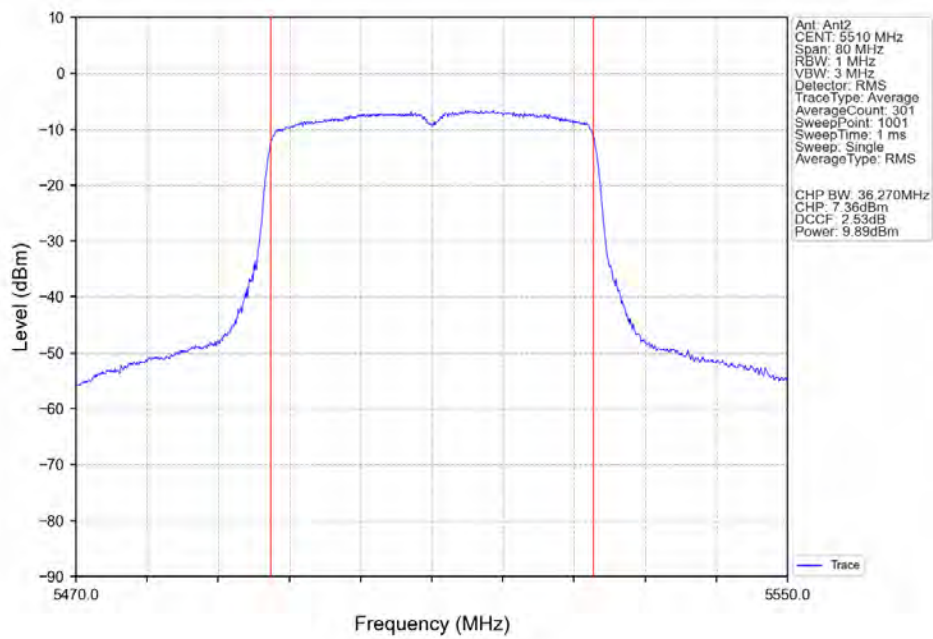
802.11n(HT40) HCH 5310MHz Ant2 NTN



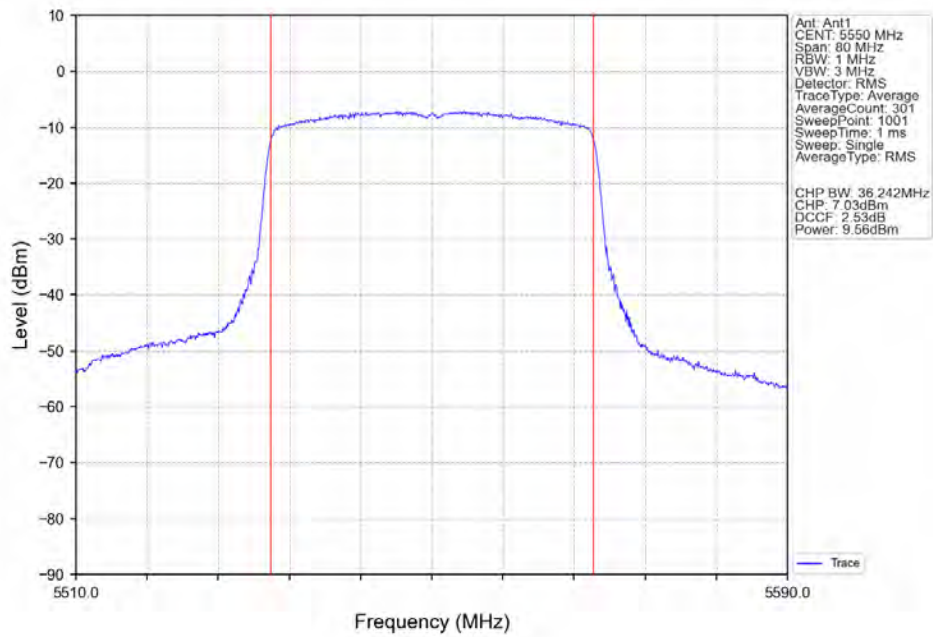
802.11n(HT40) LCH_5510MHz_Ant1_NTNV



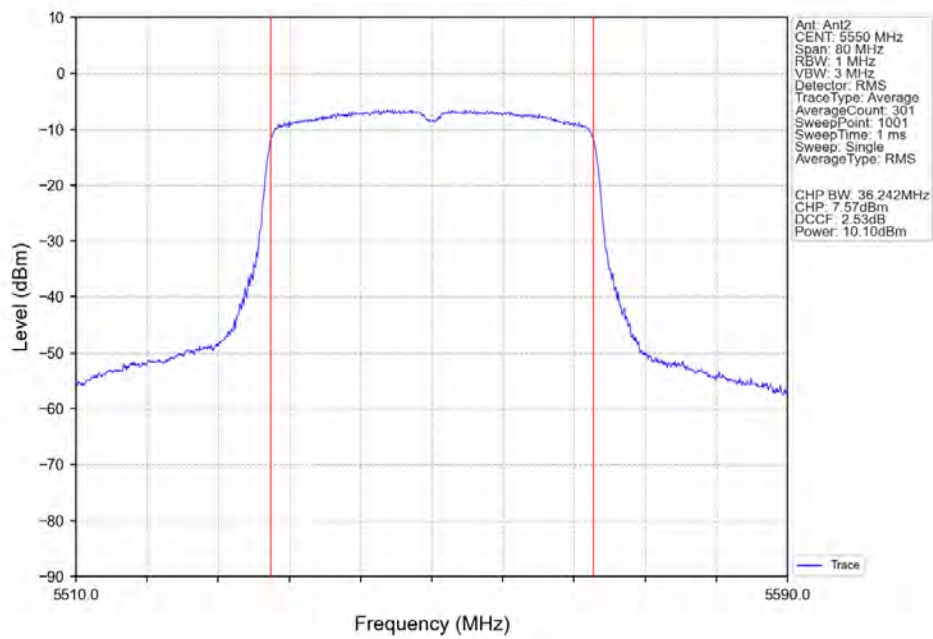
802.11n(HT40) LCH_5510MHz_Ant2_NTNV



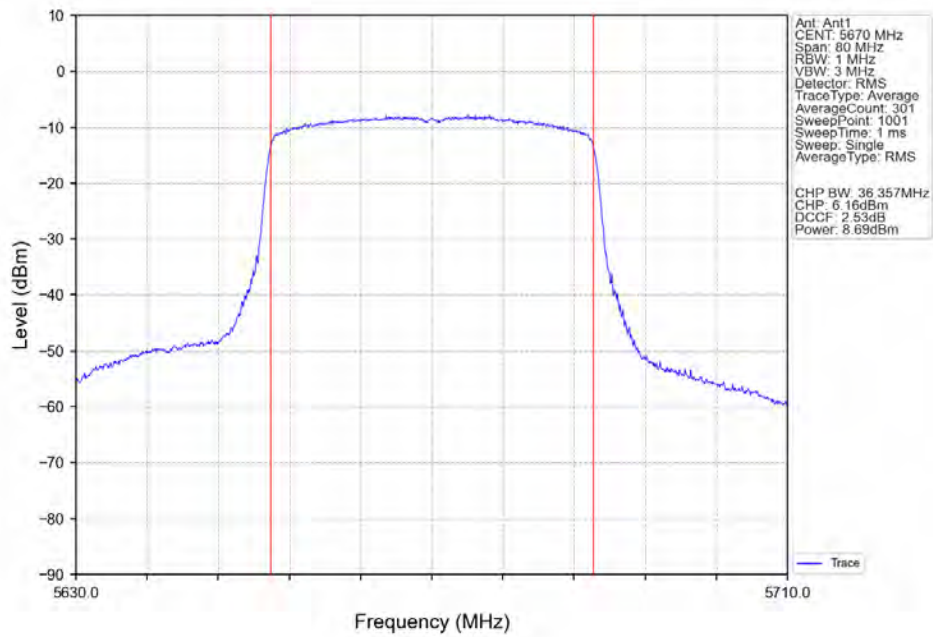
802.11n(HT40) MCH 5550MHz_Ant1_NTNV



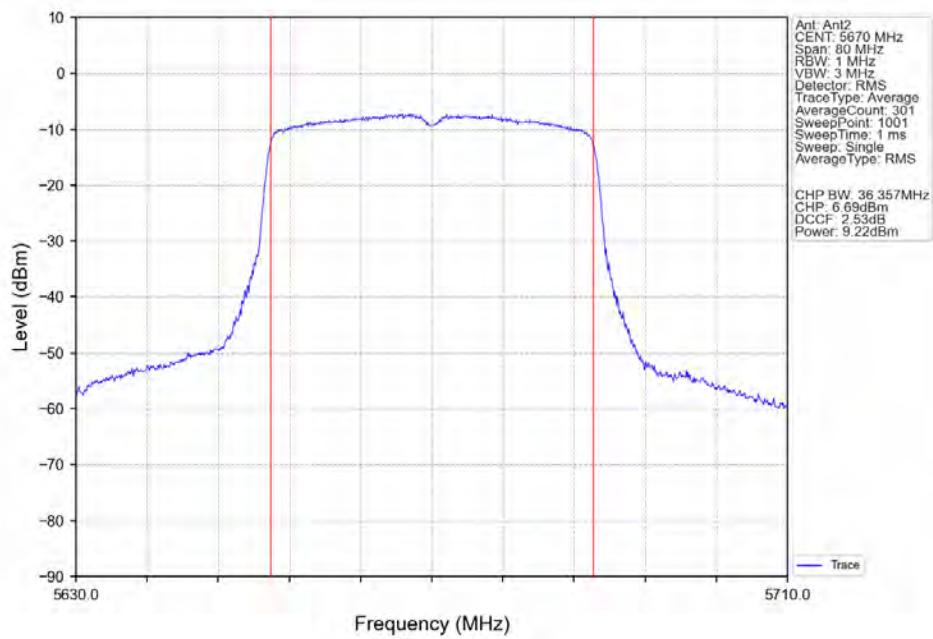
802.11n(HT40) MCH 5550MHz_Ant2_NTNV



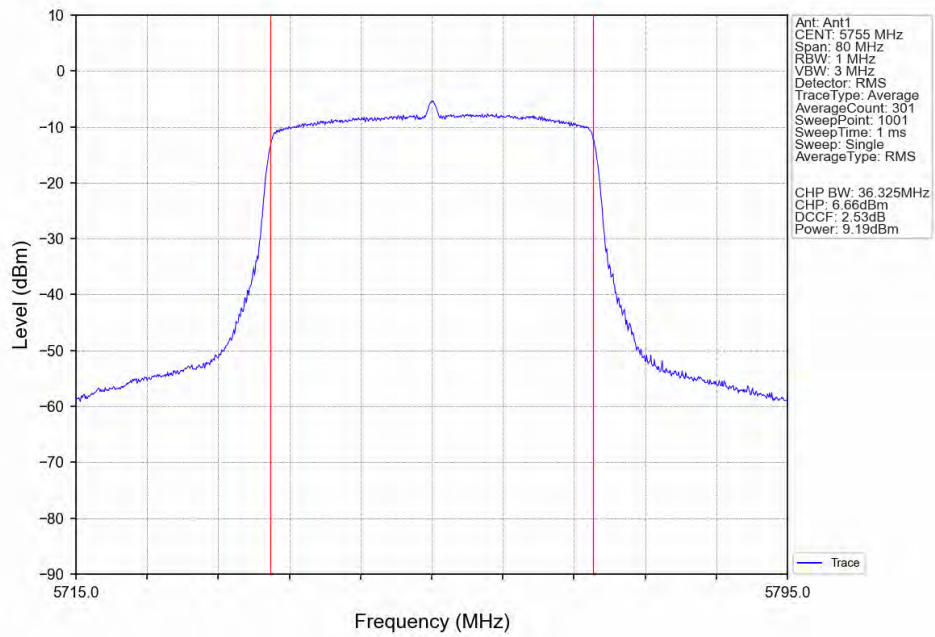
802.11n(HT40) HCH 5670MHz Ant1 NTN



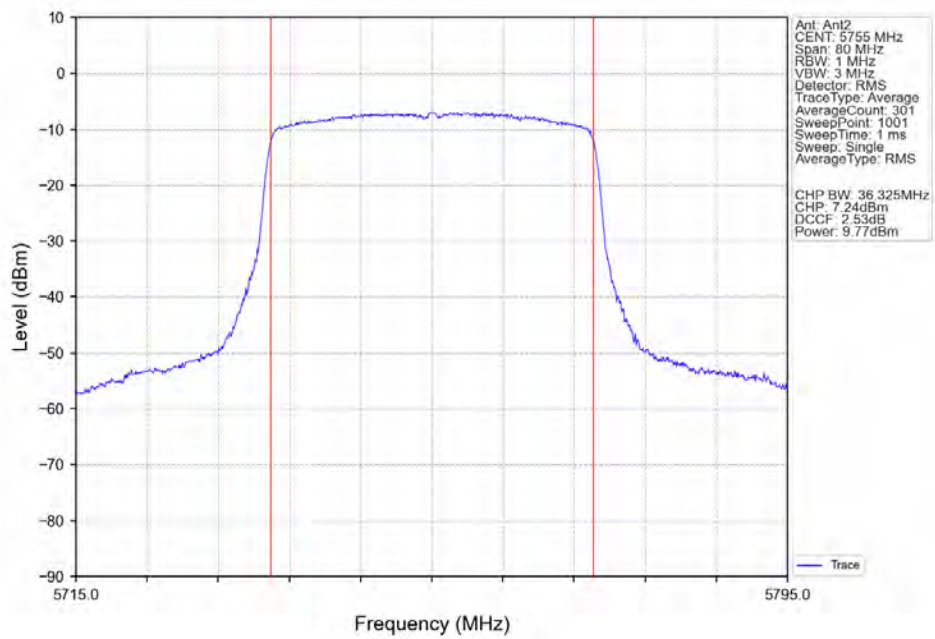
802.11n(HT40) HCH 5670MHz Ant2 NTN



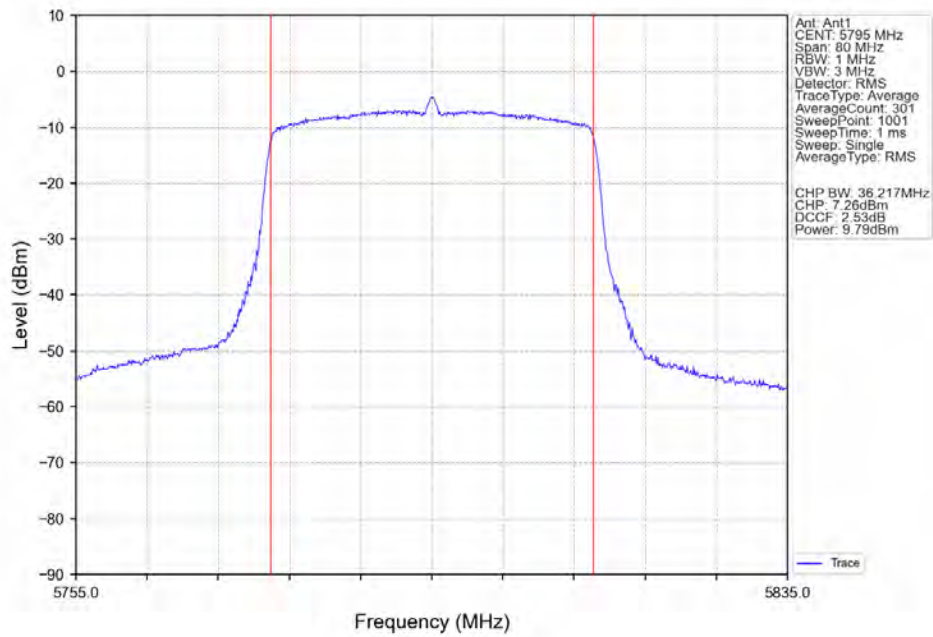
802.11n(HT40) LCH_5755MHz_Ant1_NTNV



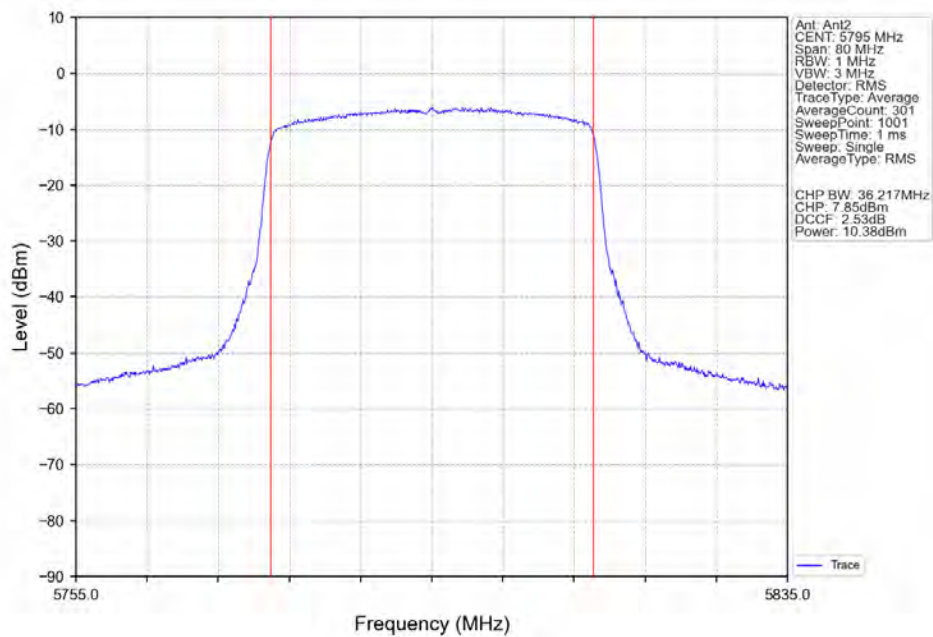
802.11n(HT40) LCH_5755MHz_Ant2_NTNV



802.11n(HT40) HCH 5795MHz Ant1_NTNV



802.11n(HT40) HCH 5795MHz Ant2_NTNV



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	0.87	0.19	/	<=11	Pass
		5200	1.16	0.14	/	<=11	Pass
		5240	2.13	0.71	/	<=11	Pass
		5260	-0.49	-1.21	/	<=11	Pass
		5300	0.12	-0.69	/	<=11	Pass
		5320	0.89	0.32	/	<=11	Pass
		5500	-0.22	-0.46	/	<=11	Pass
		5580	0.28	0.44	/	<=11	Pass
		5700	-0.93	-1.16	/	<=11	Pass
802.11n (HT20)	MIMO	5180	-2.51	-2.90	0.23	<=8.19	Pass
		5200	-1.99	-2.94	0.44	<=8.19	Pass
		5240	-1.31	-2.41	1.02	<=8.19	Pass
		5260	-1.23	-2.85	0.84	<=8.19	Pass
		5300	-0.97	-2.56	1.14	<=8.19	Pass
		5320	-0.31	-1.43	2.00	<=8.19	Pass
		5500	-2.08	-1.98	0.75	<=8.19	Pass
		5580	-1.76	-1.68	1.05	<=8.19	Pass
		5700	-3.24	-2.85	-0.15	<=8.19	Pass
802.11n (HT40)	MIMO	5190	-4.69	-5.44	-2.45	<=8.19	Pass
		5230	-3.85	-5.26	-1.86	<=8.19	Pass
		5270	-3.77	-5.35	-1.85	<=8.19	Pass
		5310	-2.86	-4.26	-0.91	<=8.19	Pass
		5510	-4.53	-4.12	-1.39	<=8.19	Pass
		5550	-4.66	-4.04	-1.41	<=8.19	Pass
		5670	-5.17	-4.83	-2.09	<=8.19	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 5.80dBi; - Band: 3 Ant1: 5.80dBi; - Band: 2A Ant1: 5.80dBi; - Band: 2C Ant1: 5.80dBi; - Band: 1 Ant2: 5.80dBi; - Band: 3 Ant2: 5.80dBi; - Band: 2A Ant2: 5.80dBi; - Band: 2C Ant2: 5.80dBi;							

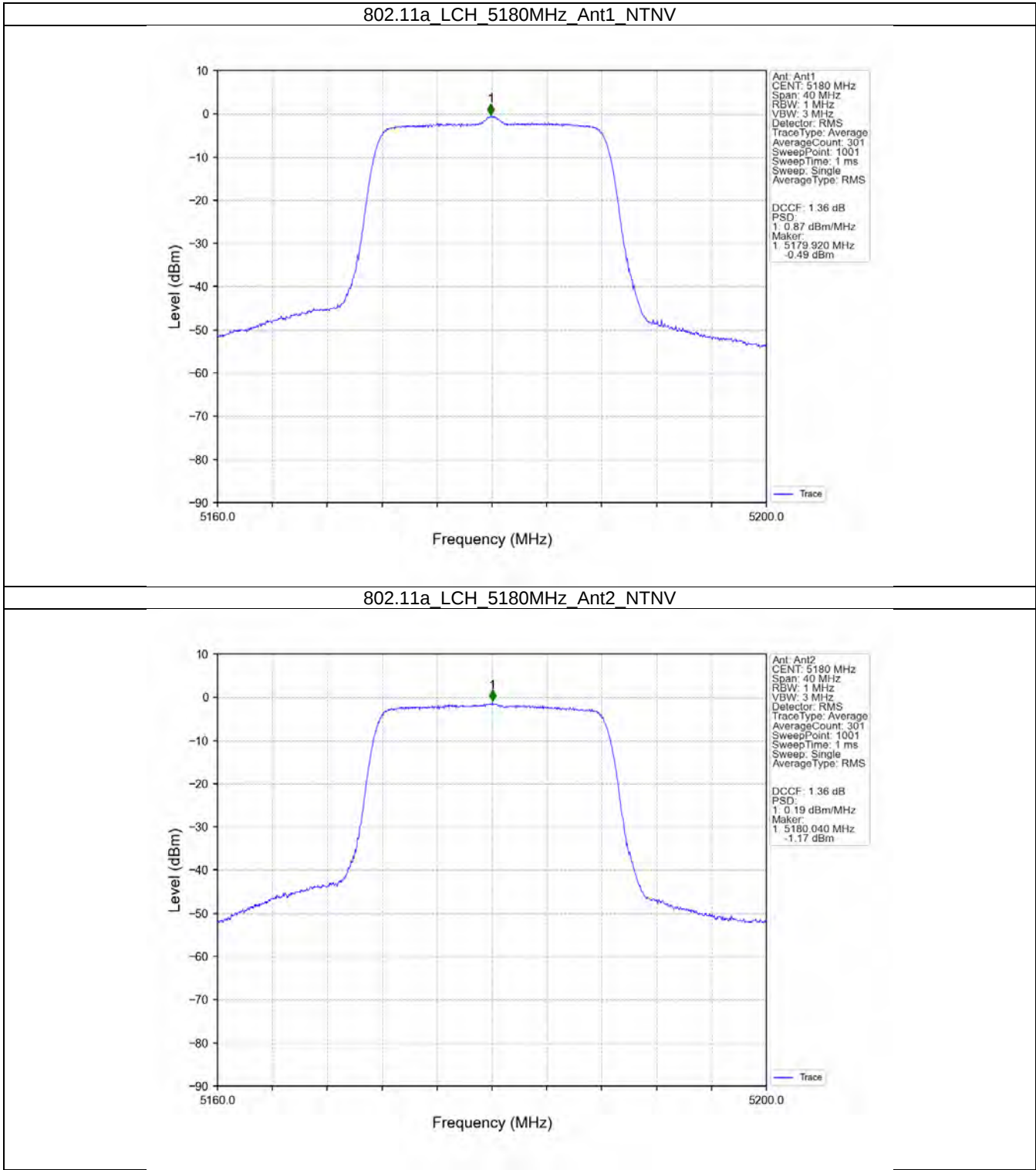
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	-1.34	-3.41	/	<=30	Pass
		5785	-0.79	-2.69	/	<=30	Pass
		5825	-0.52	-1.84	/	<=30	Pass
802.11n (HT20)	MIMO	5745	-1.26	-3.28	0.86	<=27.19	Pass
		5785	-0.72	-2.42	1.52	<=27.19	Pass
		5825	-0.85	-2.29	1.45	<=27.19	Pass
802.11n	MIMO	5755	-1.79	-4.00	0.26	<=27.19	Pass

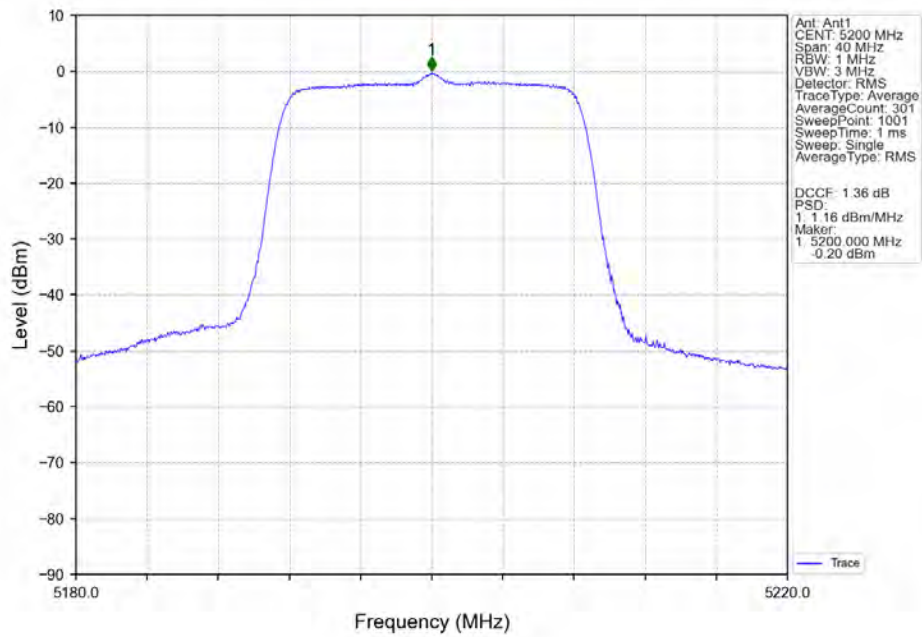
(HT40)		5795	-1.17	-3.49	0.83	<=27.19	Pass
Note1: Antenna Gain: - Band: 2A Ant1: 5.80dBi; - Band: 2C Ant1: 5.80dBi; - Band: 1 Ant1: 5.80dBi; - Band: 3 Ant1: 5.80dBi; - Band: 1 Ant2: 5.80dBi; - Band: 3 Ant2: 5.80dBi; - Band: 2A Ant2: 5.80dBi; - Band: 2C Ant2: 5.80dBi; Note2: Directional Gain: Band1: 8.81dBi, Band2A: 8.81dBi, Band2C: 8.81dBi, Band3: 8.81dBi							

4.2 Test Graph

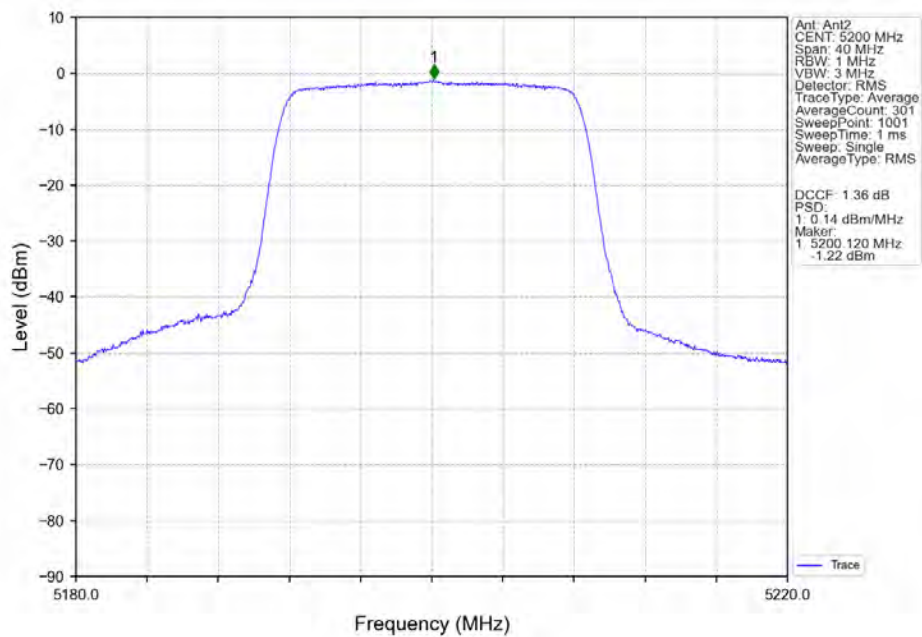
4.2.1 PSD



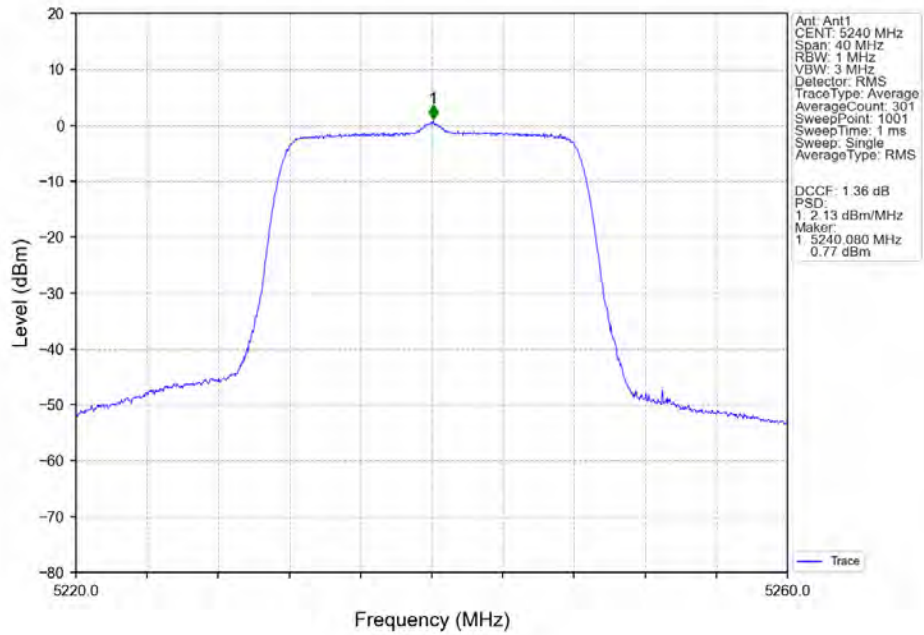
802.11a_MCH_5200MHz_Ant1_NTNV



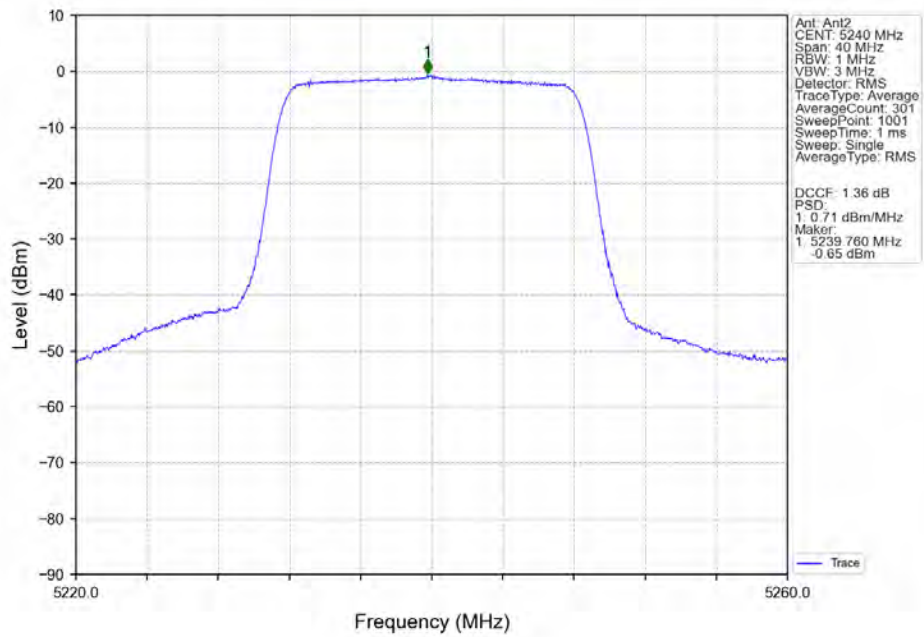
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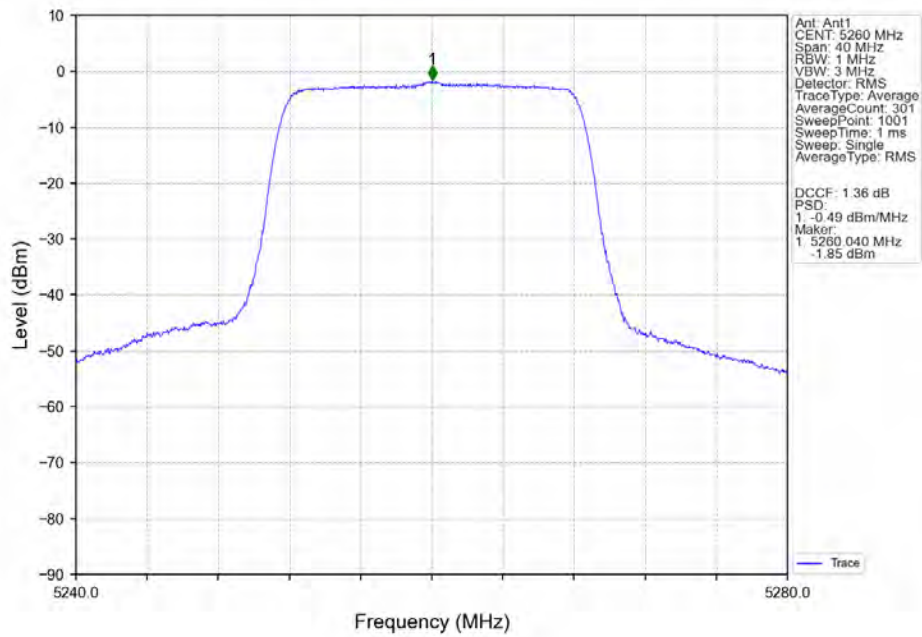
802.11a_HCH_5240MHz_Ant1_NTNV



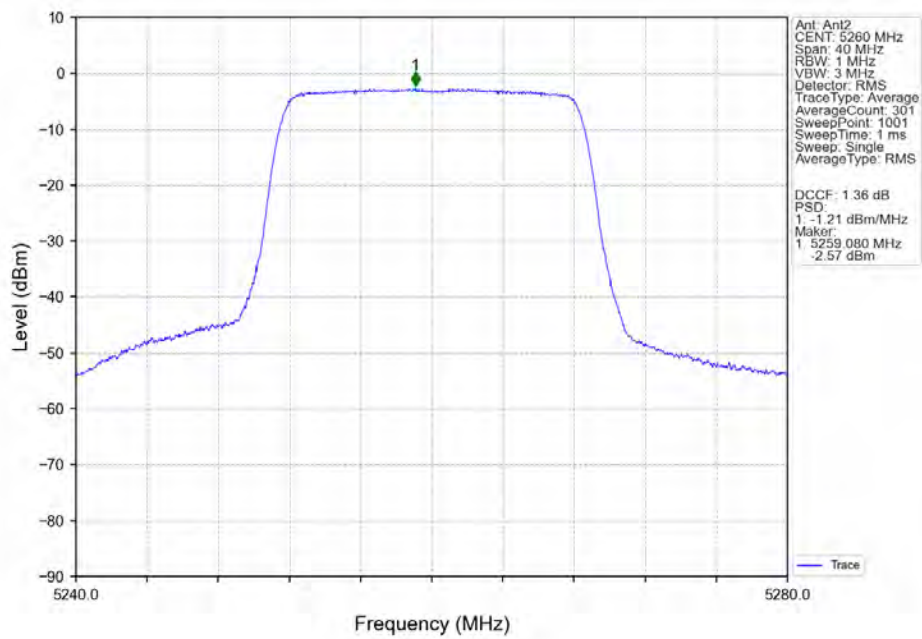
802.11a_HCH_5240MHz_Ant2_NTNV



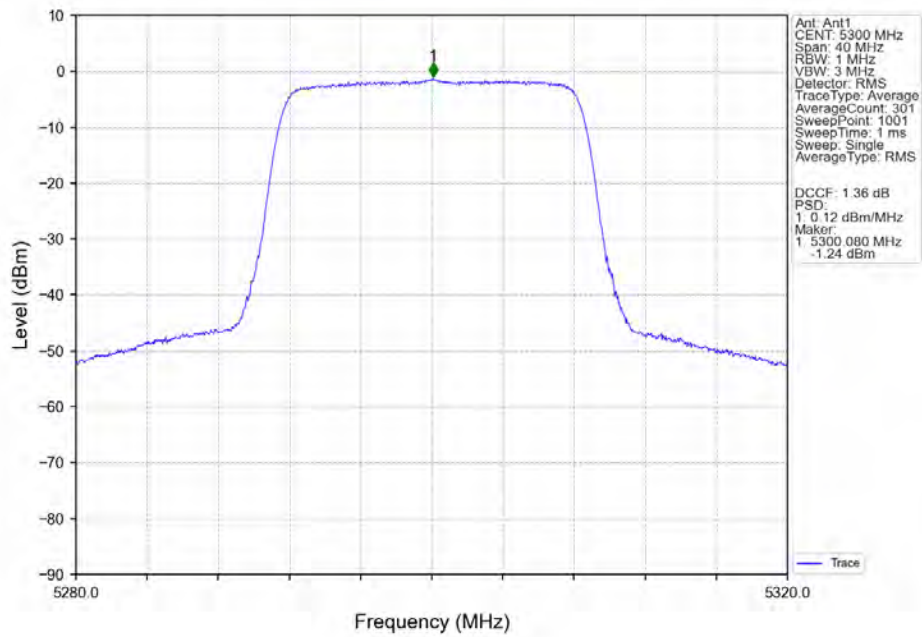
802.11a LCH_5260MHz_Ant1_NTNV



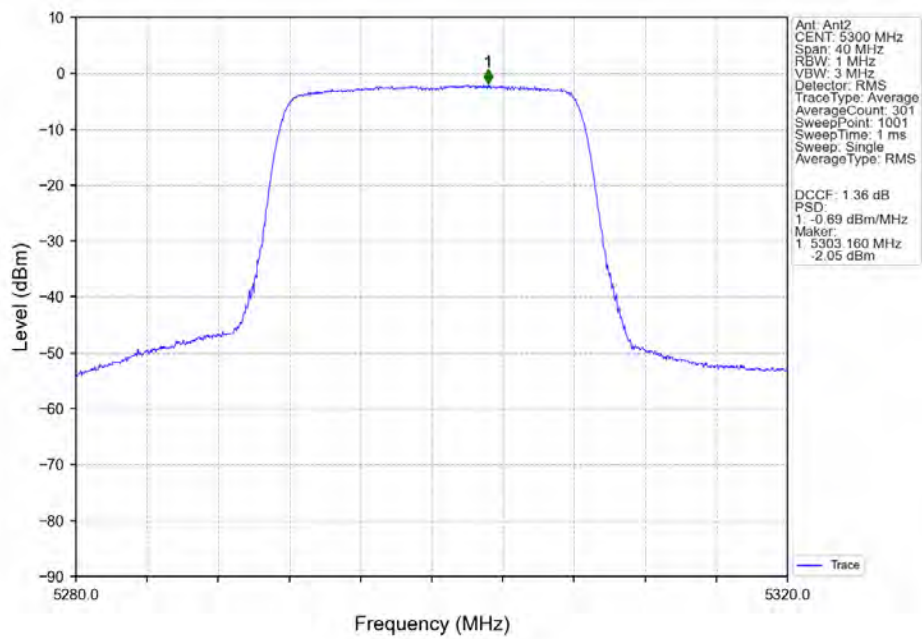
802.11a LCH_5260MHz_Ant2_NTNV



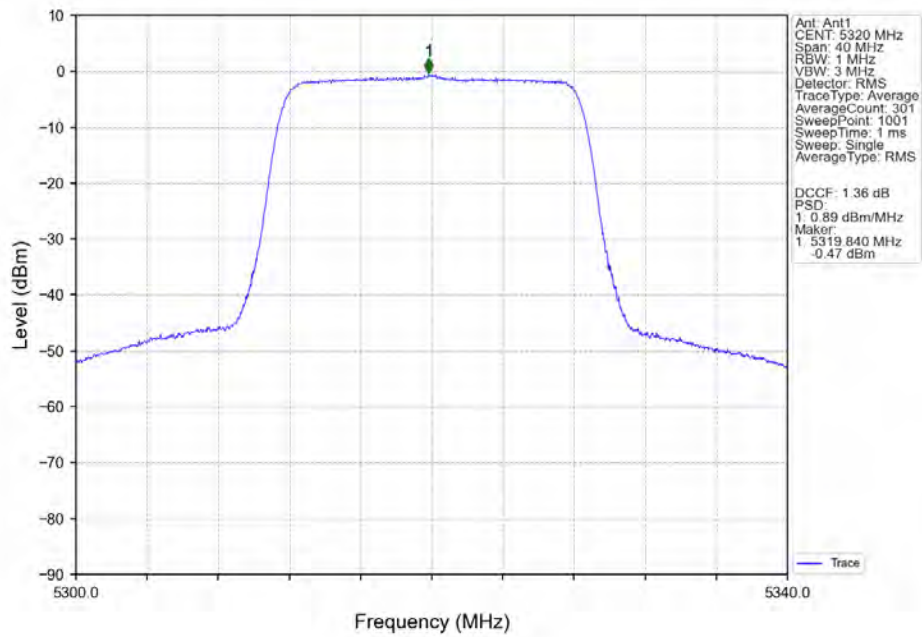
802.11a_MCH_5300MHz_Ant1_NTNV



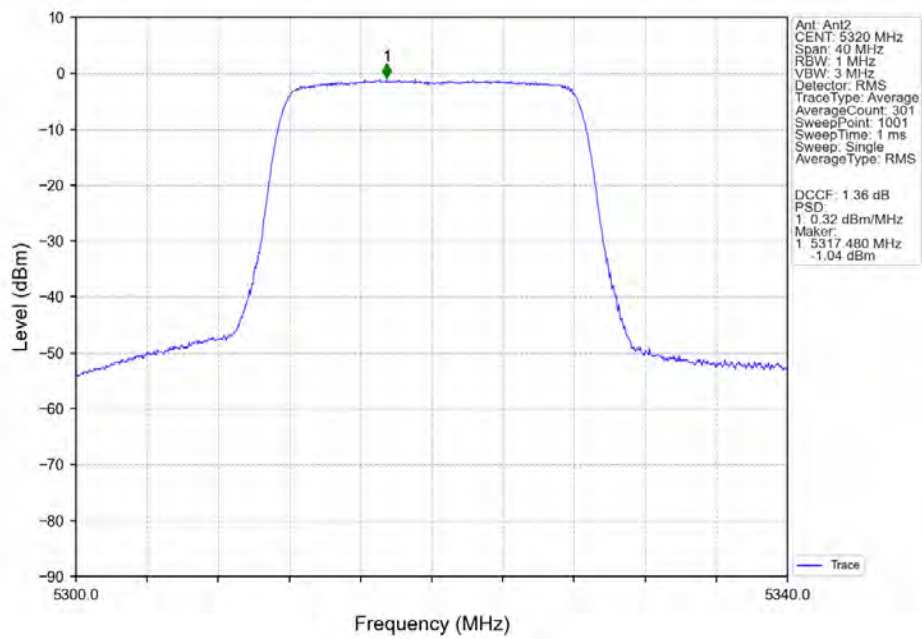
802.11a_MCH_5300MHz_Ant2_NTNV



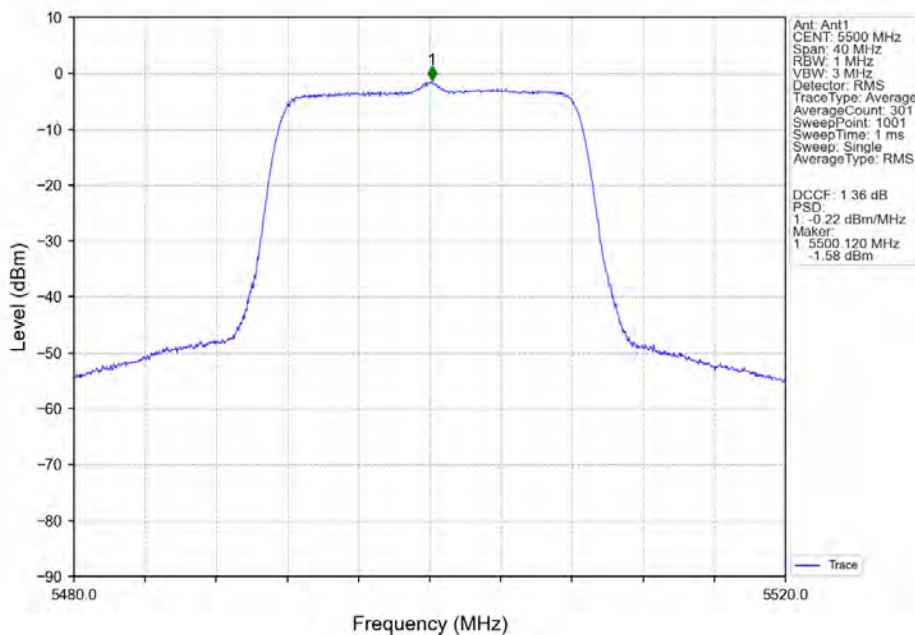
802.11a_HCH_5320MHz_Ant1_NTNV



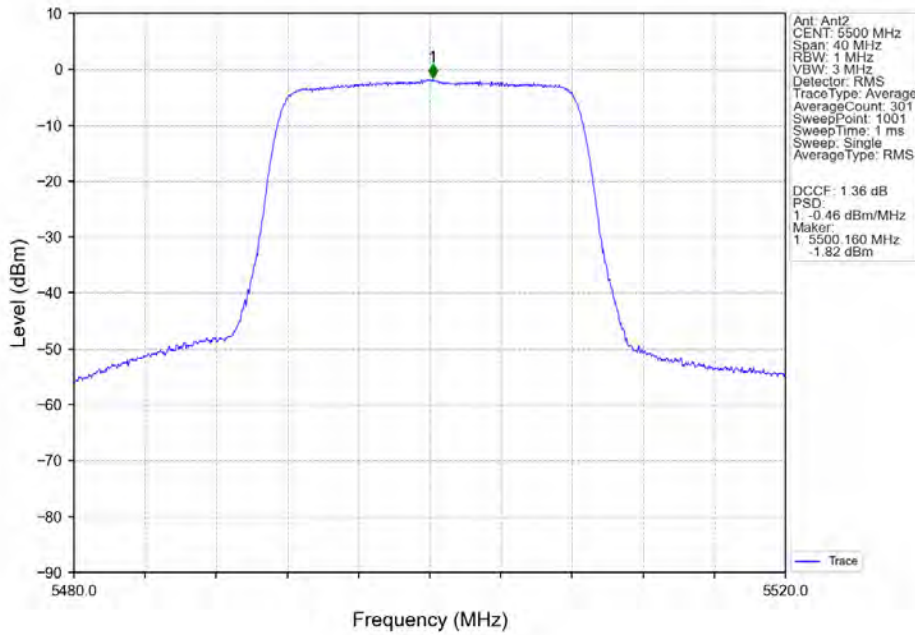
802.11a_HCH_5320MHz_Ant2_NTNV



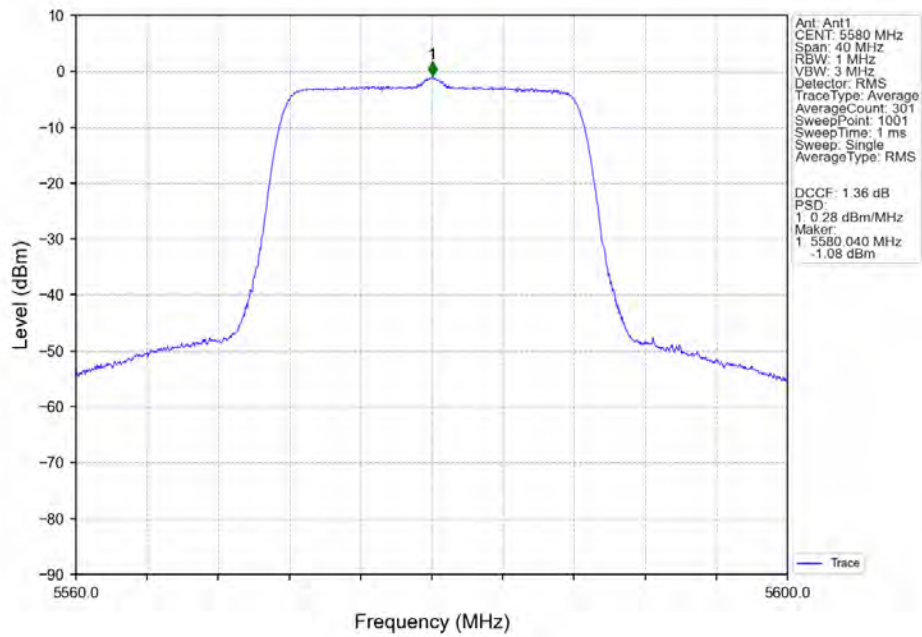
802.11a LCH_5500MHz_Ant1_NTNV



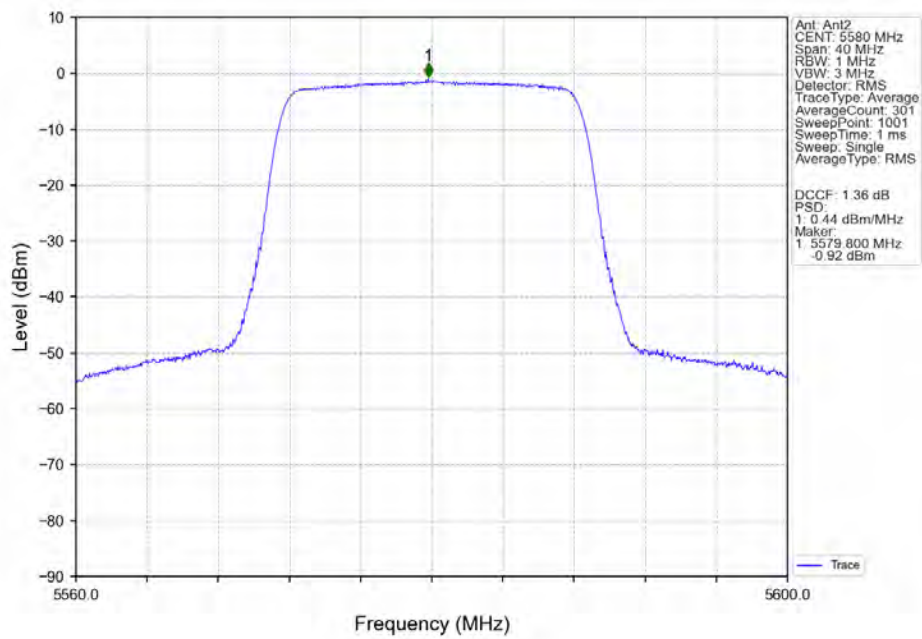
802.11a LCH_5500MHz_Ant2_NTNV



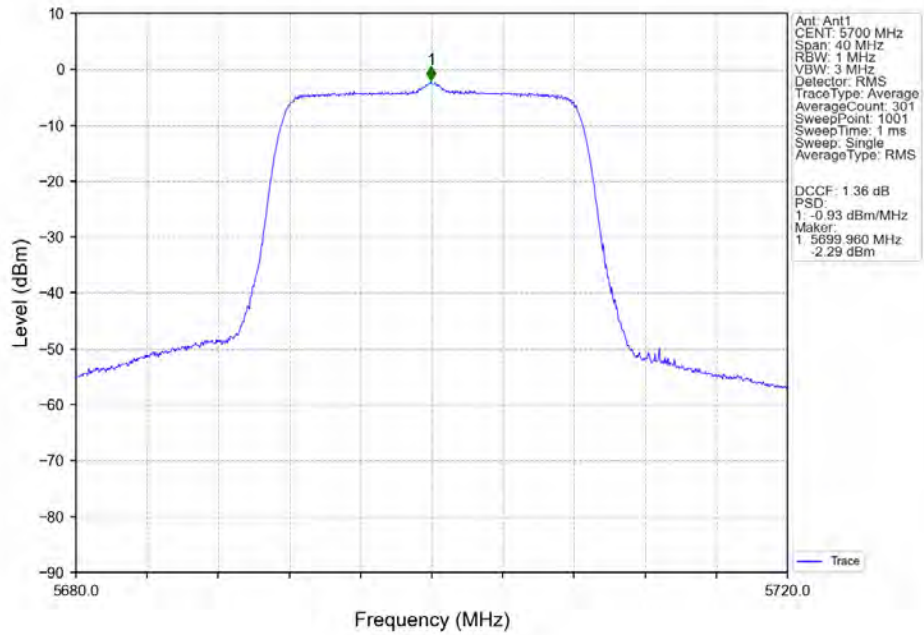
802.11a_MCH_5580MHz_Ant1_NTNV



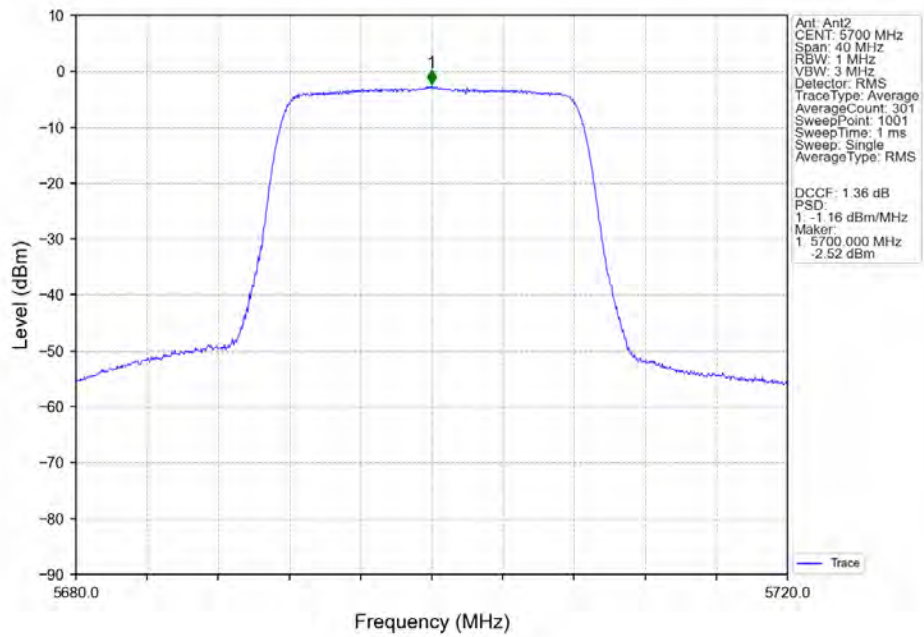
802.11a_MCH_5580MHz_Ant2_NTNV



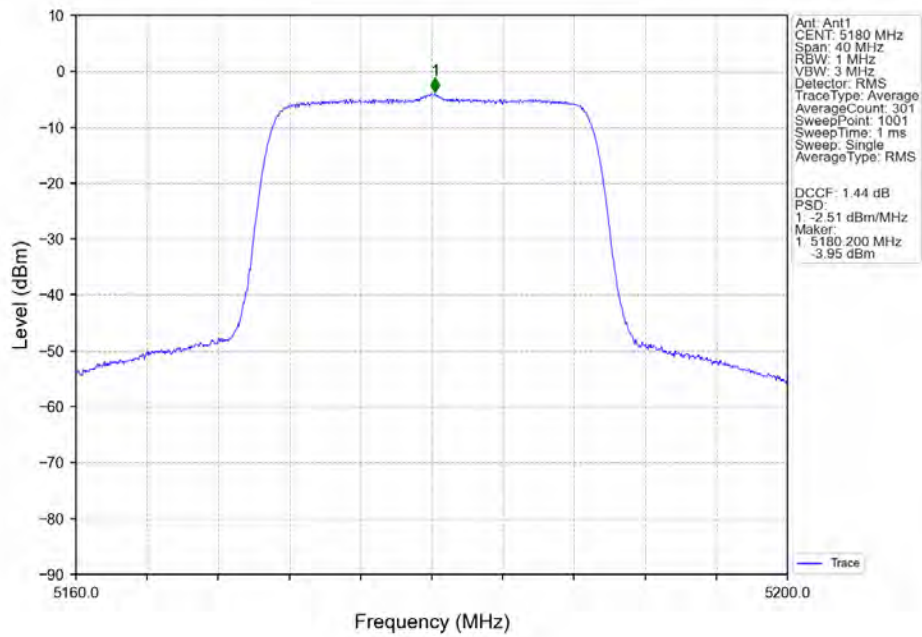
802.11a_HCH_5700MHz_Ant1_NTNV



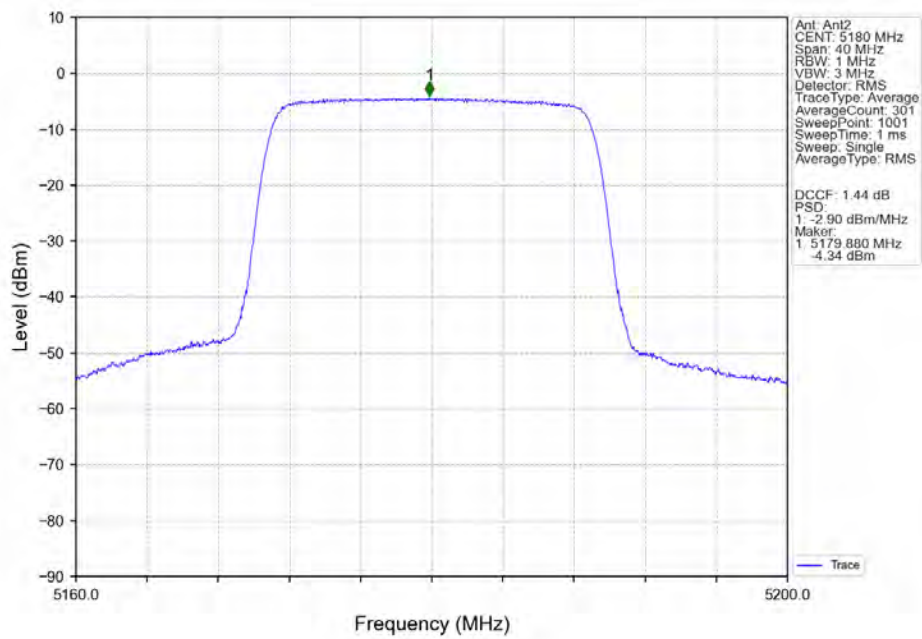
802.11a_HCH_5700MHz_Ant2_NTNV



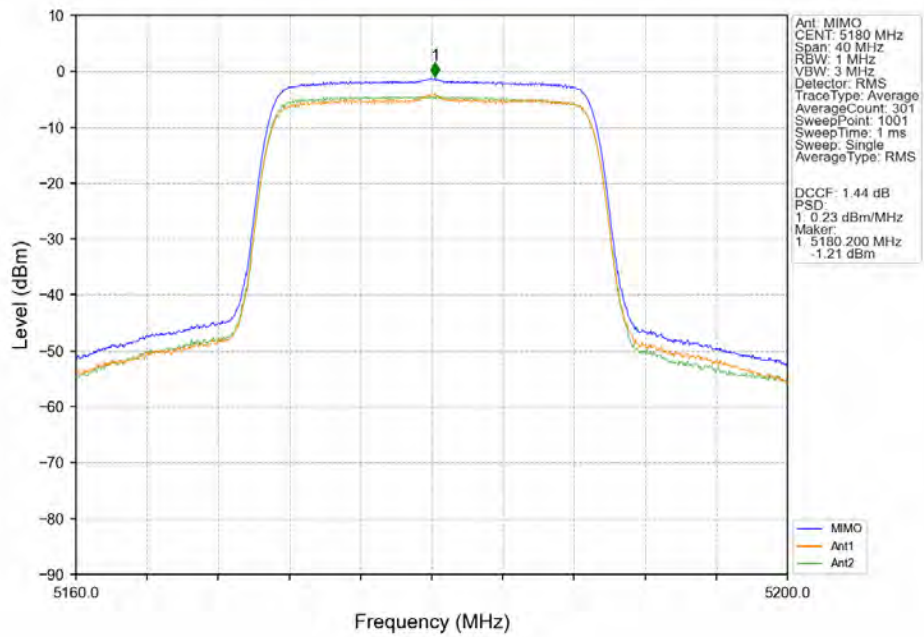
802.11n(HT20) LCH 5180MHz Ant1 NTN



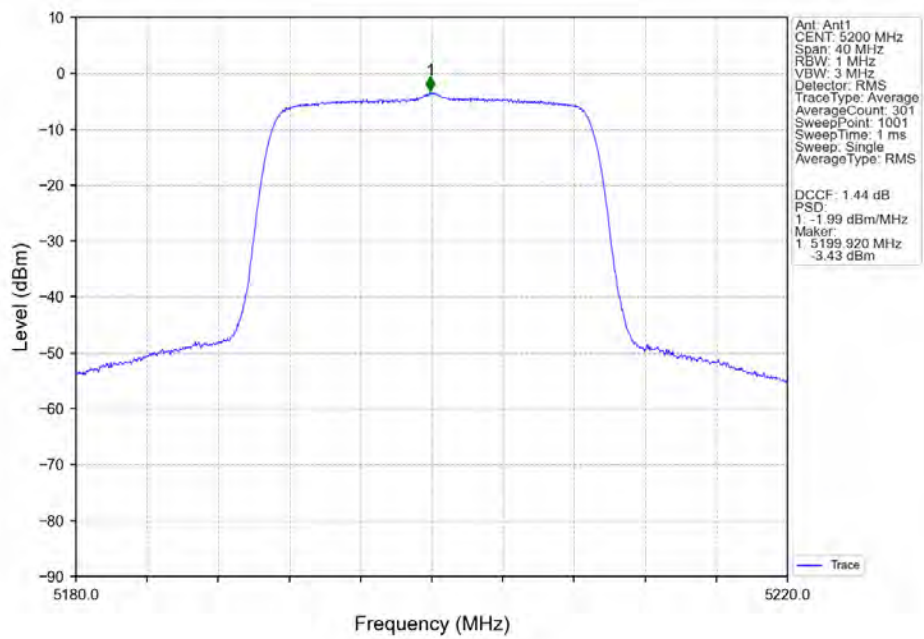
802.11n(HT20) LCH 5180MHz Ant2 NTN



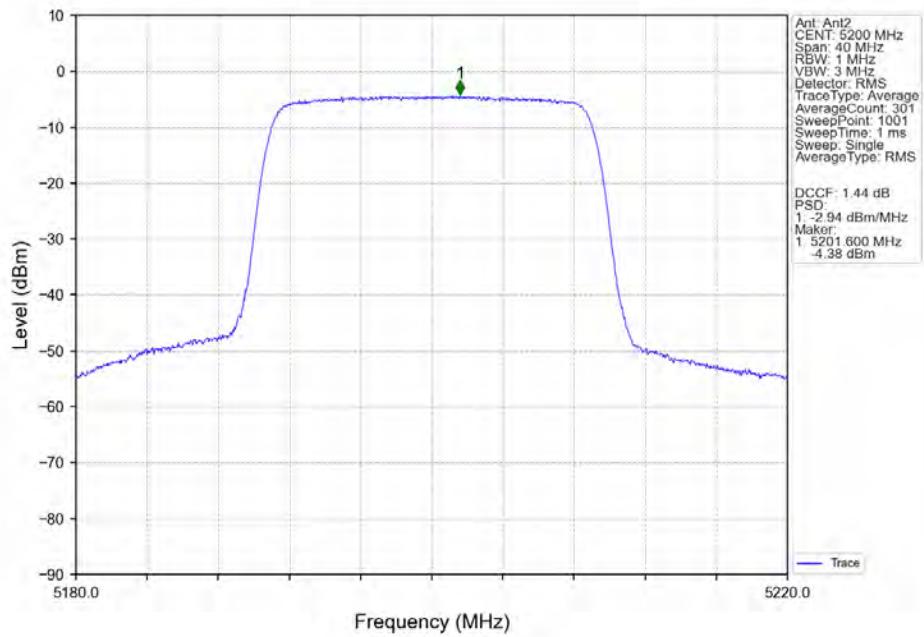
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



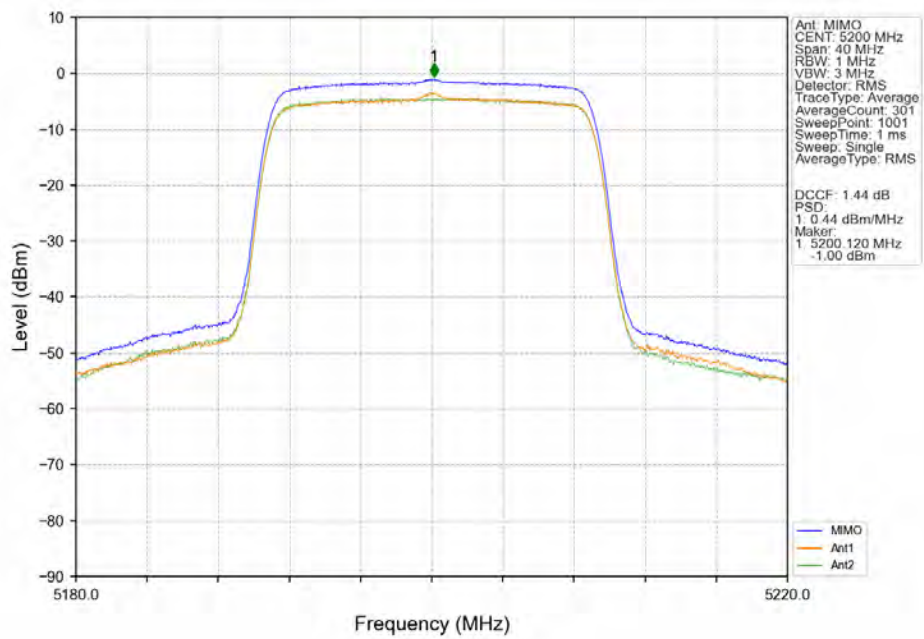
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



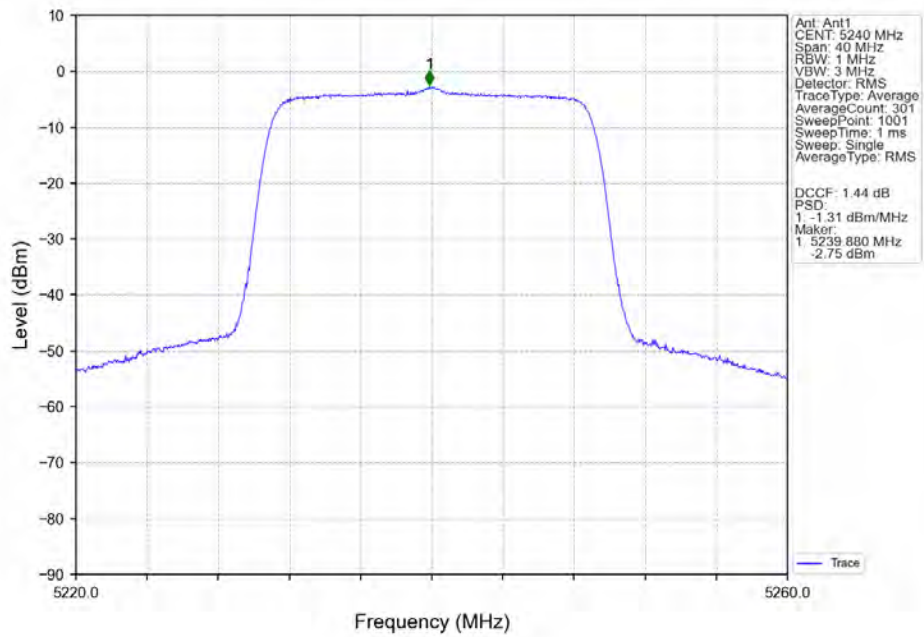
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



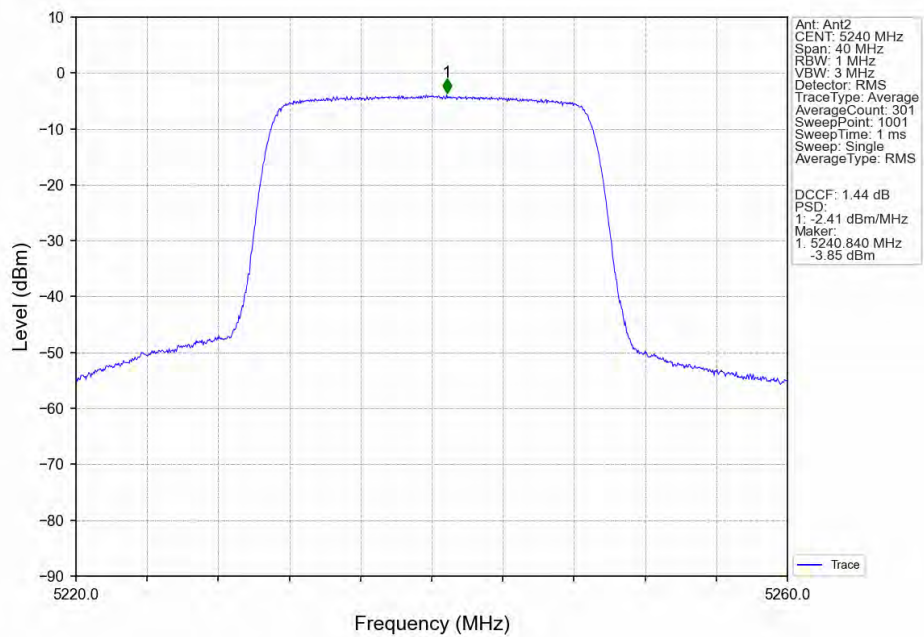
802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



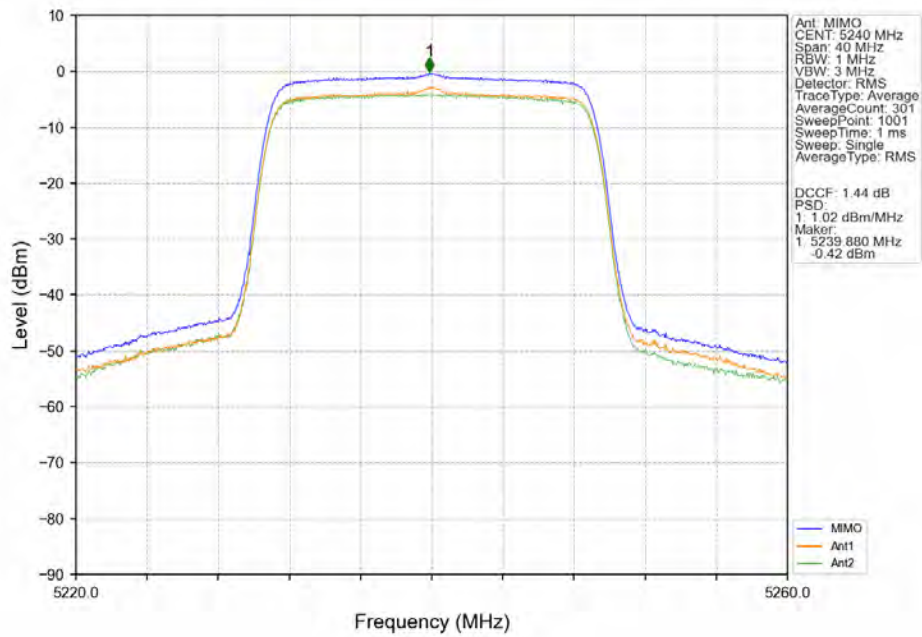
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



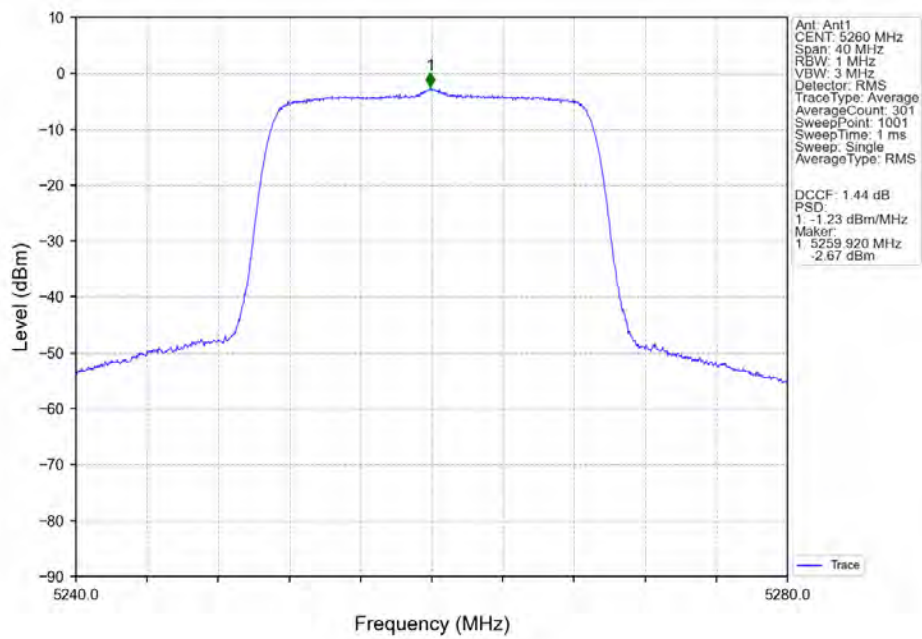
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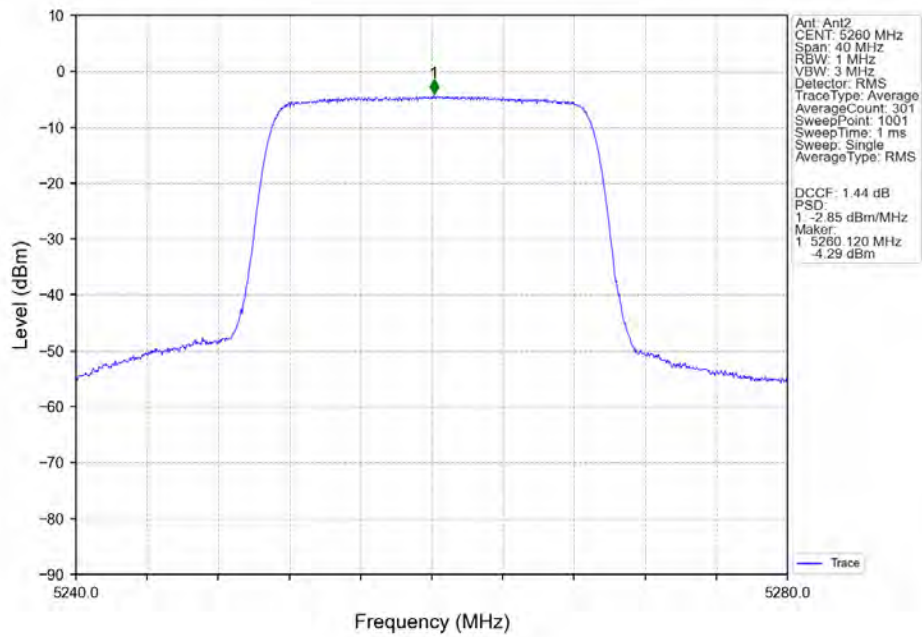
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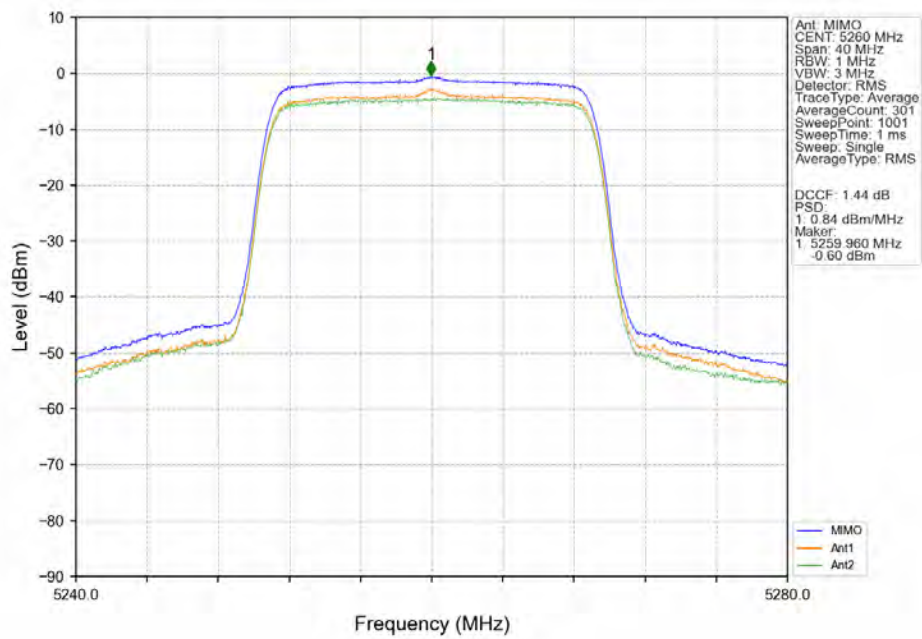
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



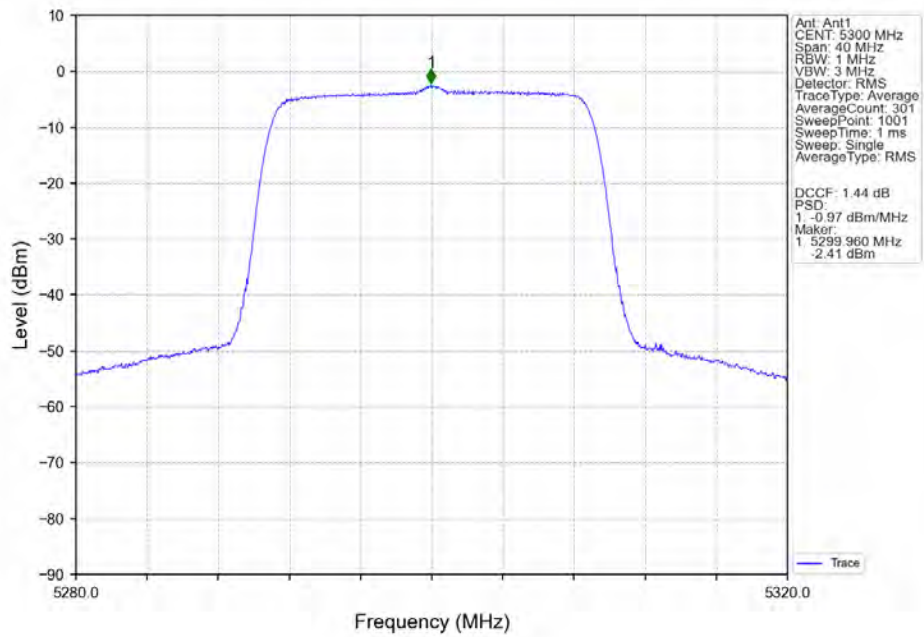
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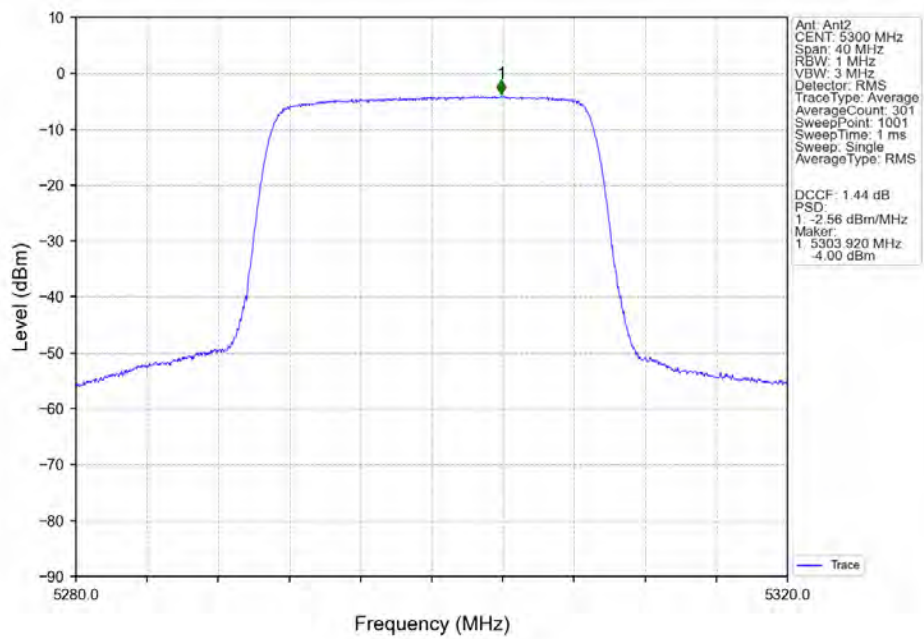
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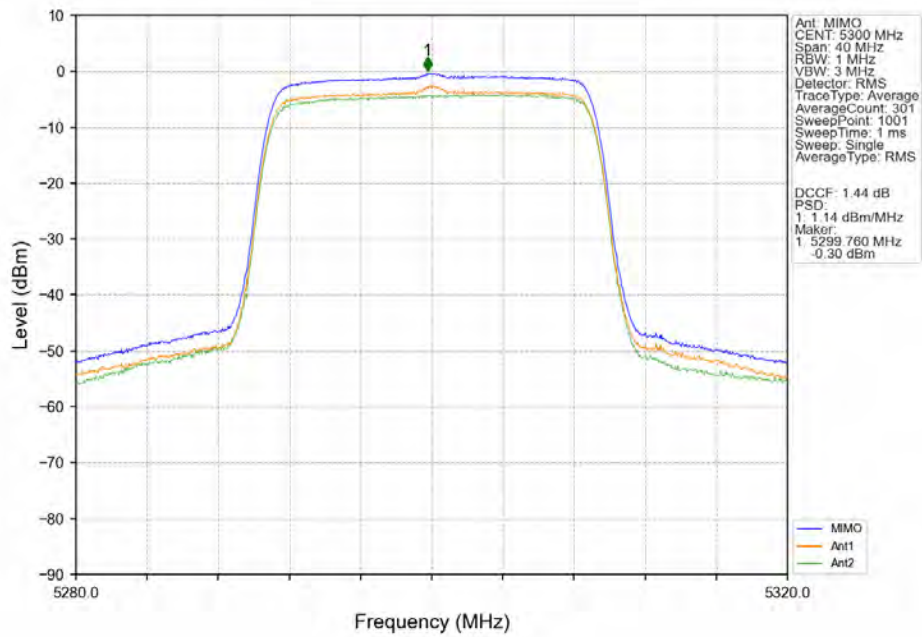
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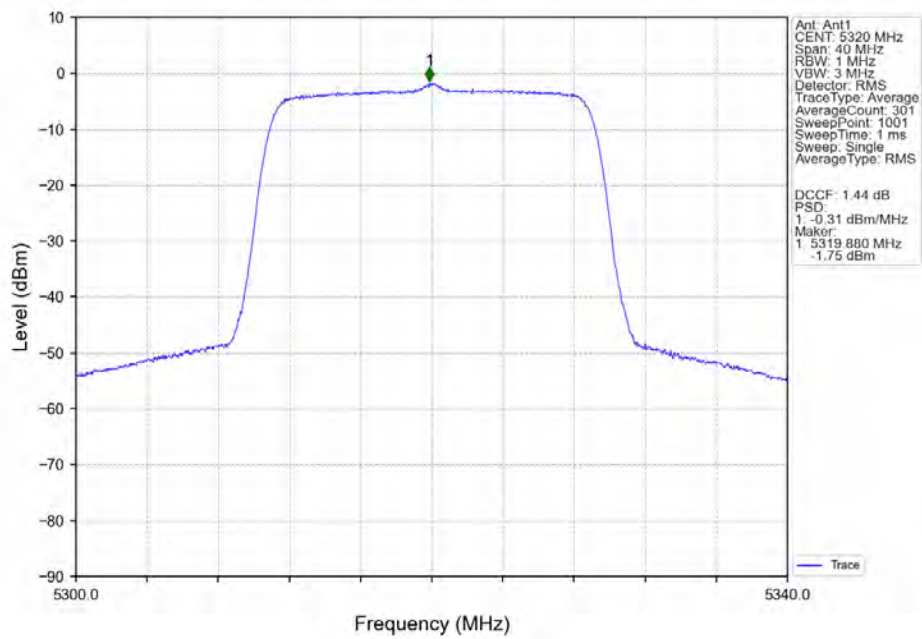
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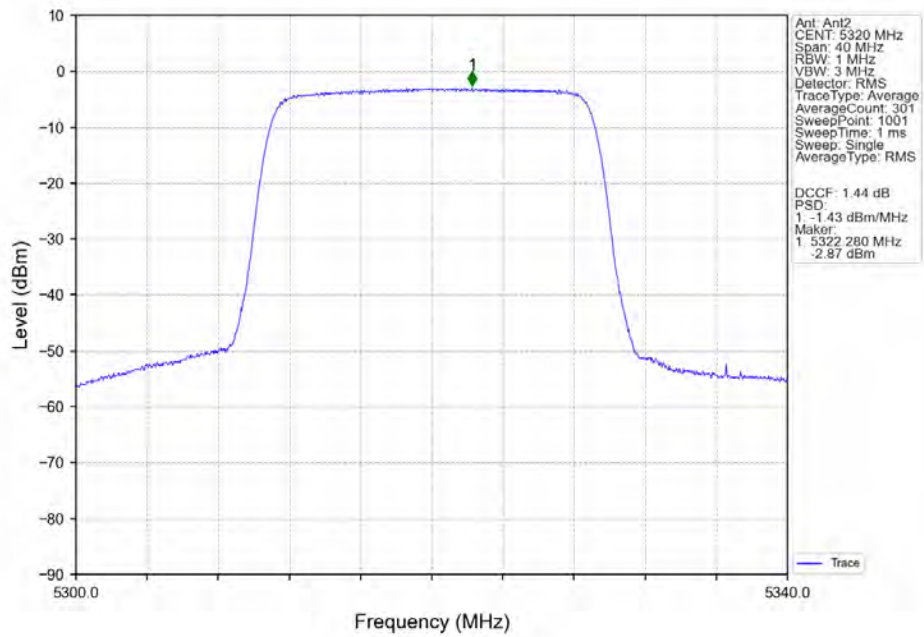
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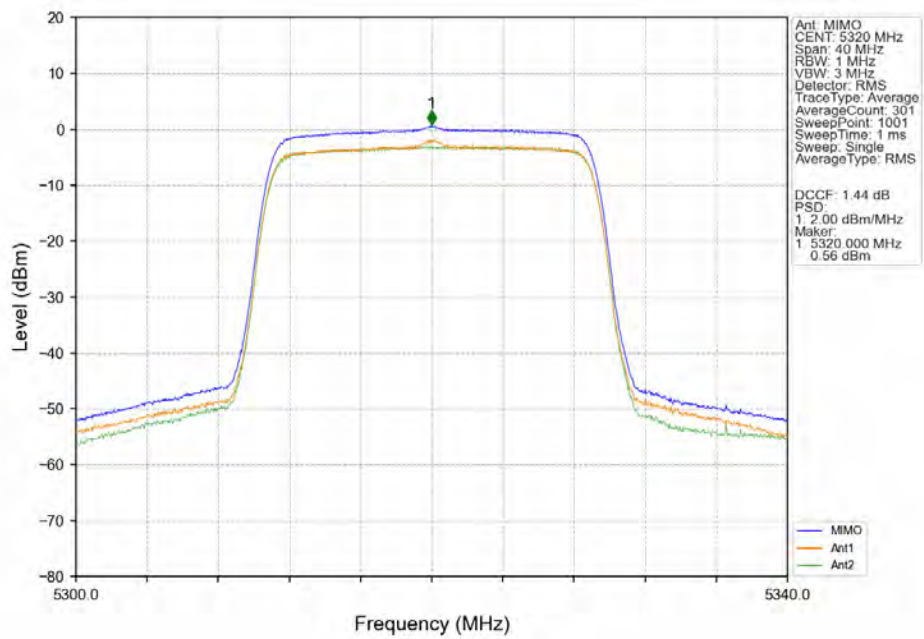
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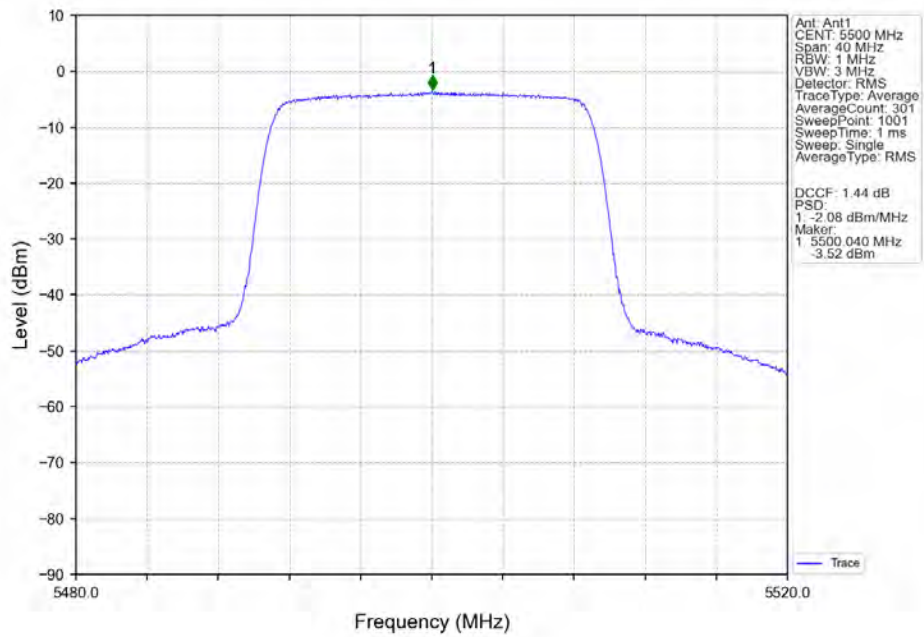
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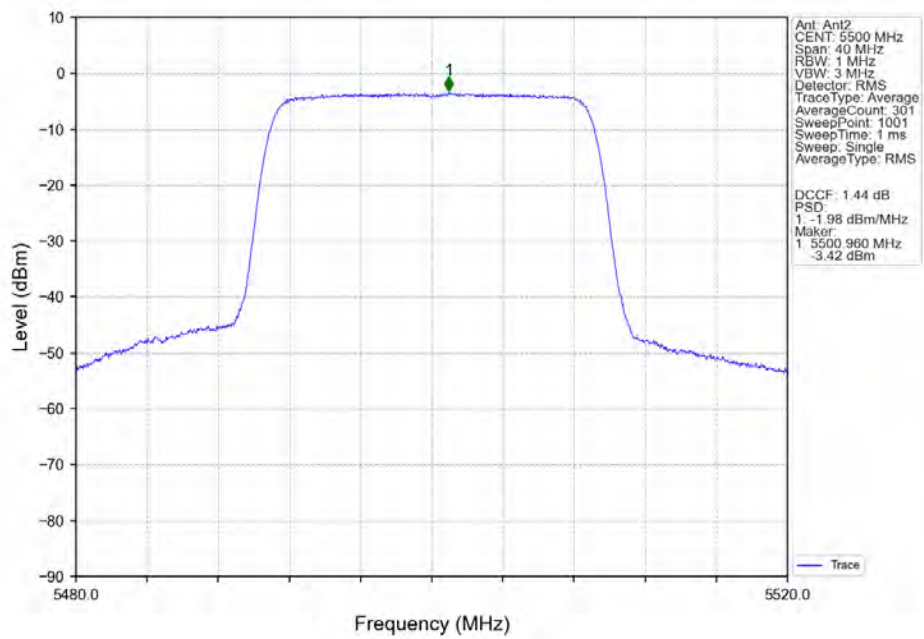
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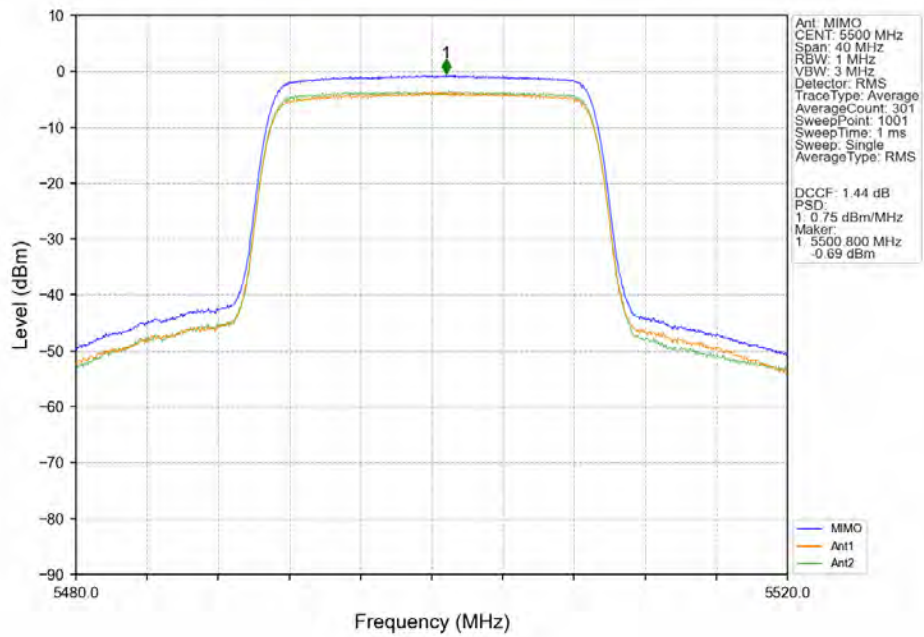
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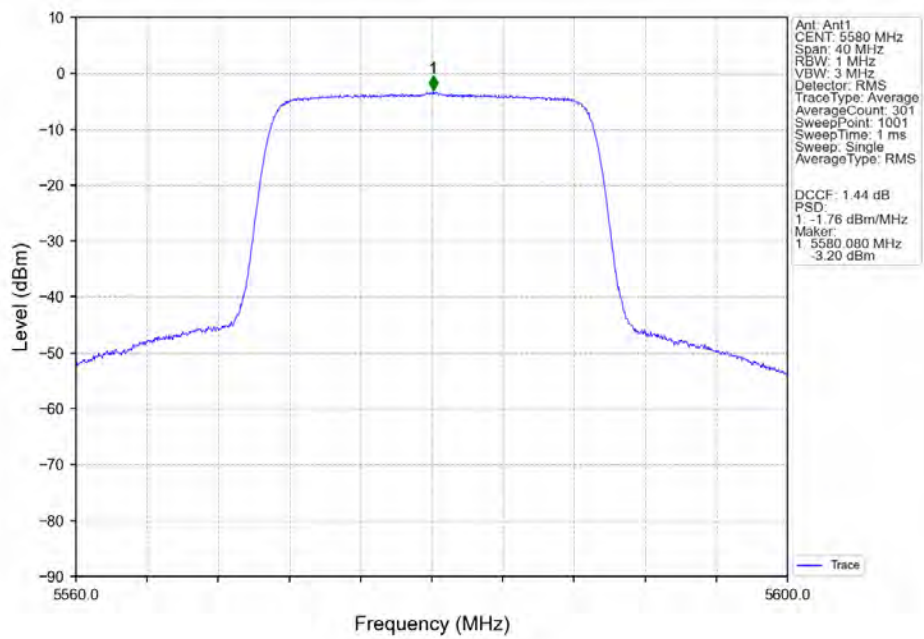
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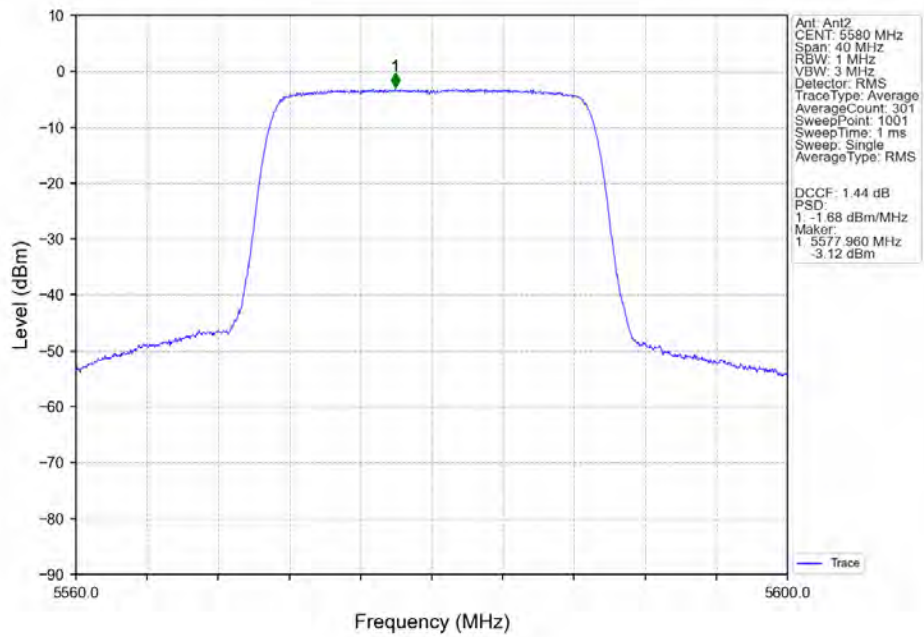
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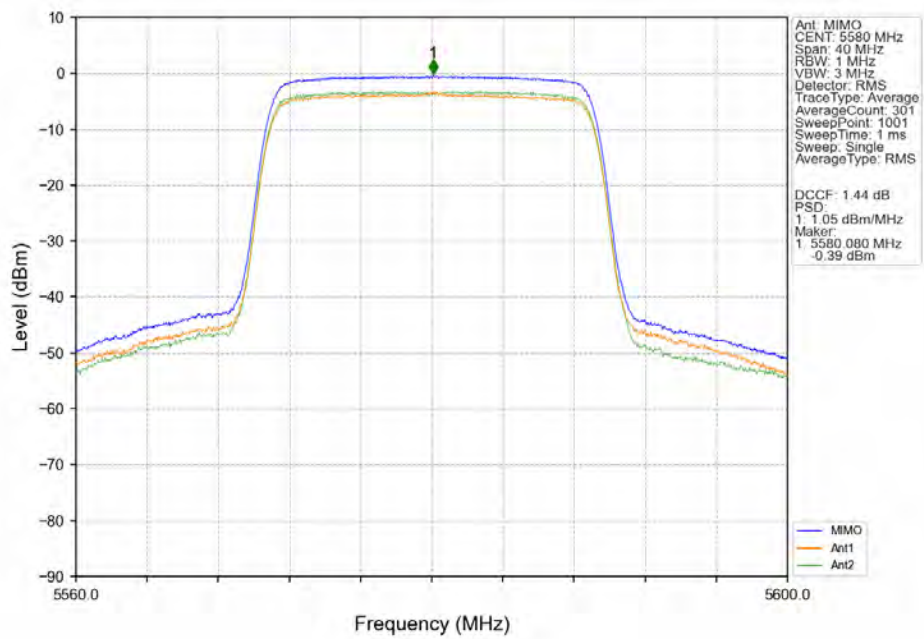
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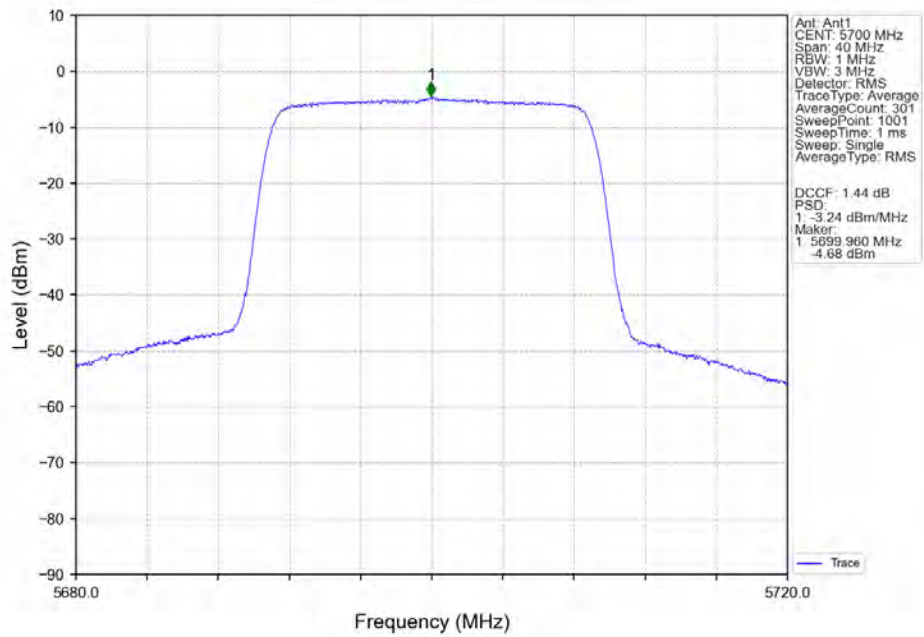
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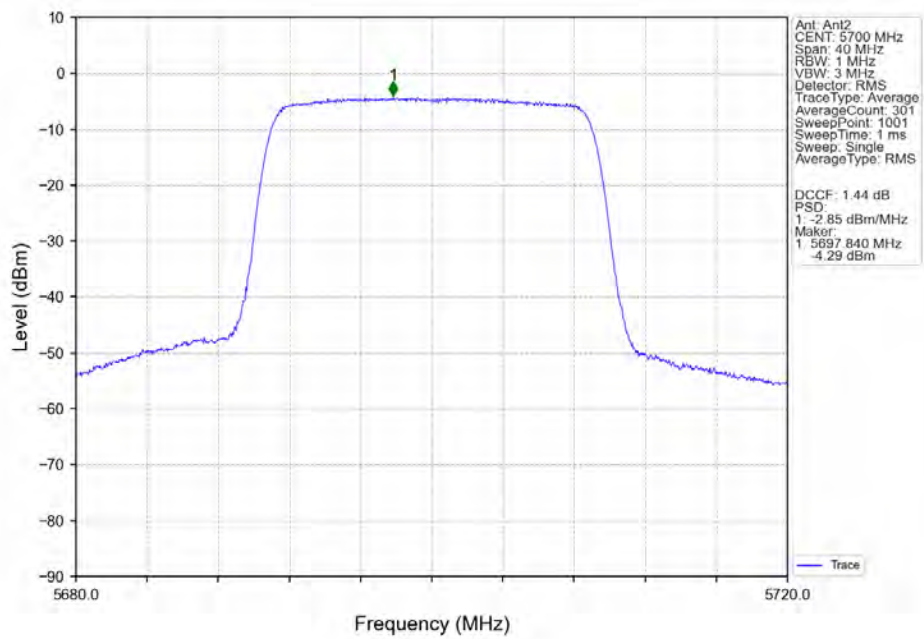
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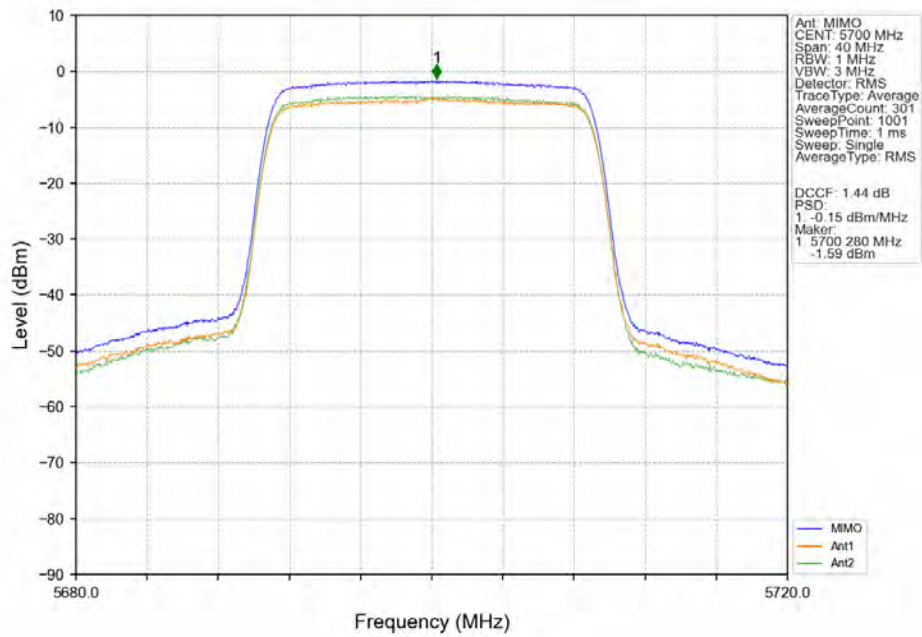
802.11n(HT20) HCH 5700MHz_Ant1_NTNV



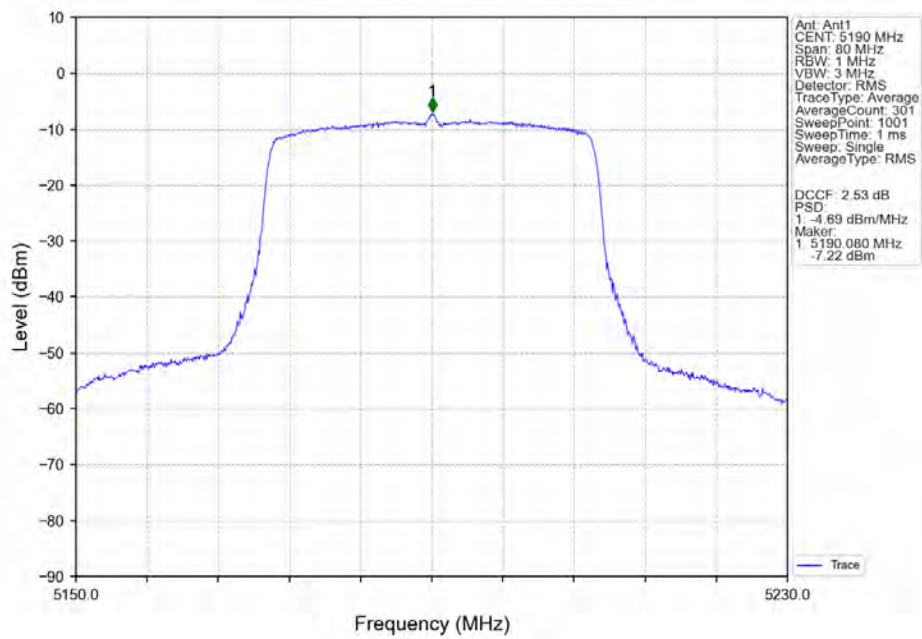
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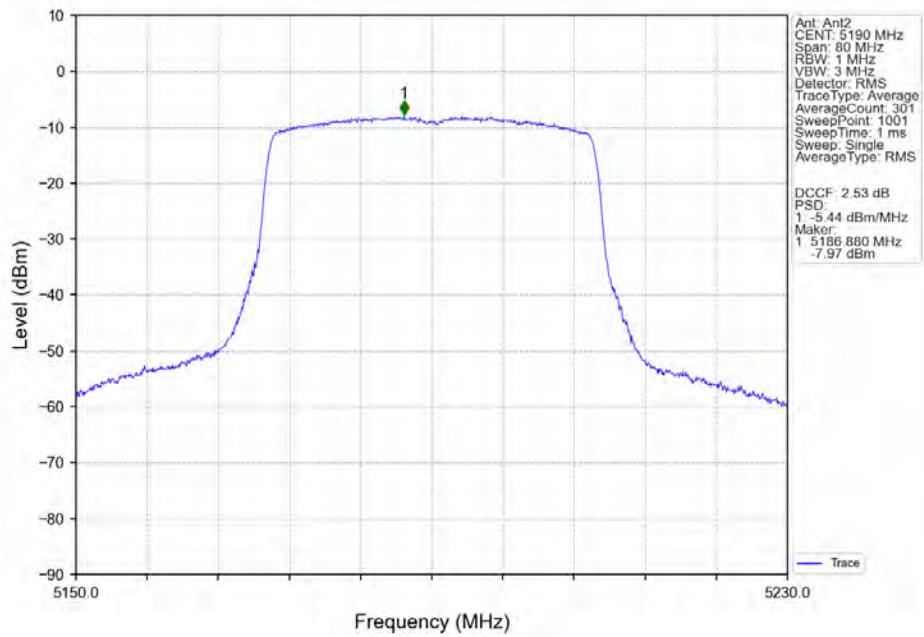
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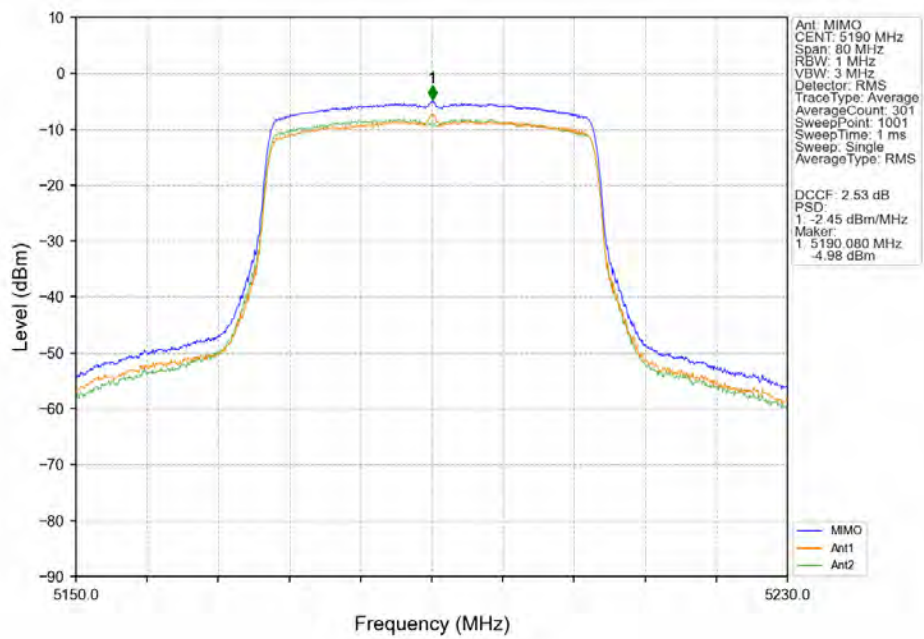
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



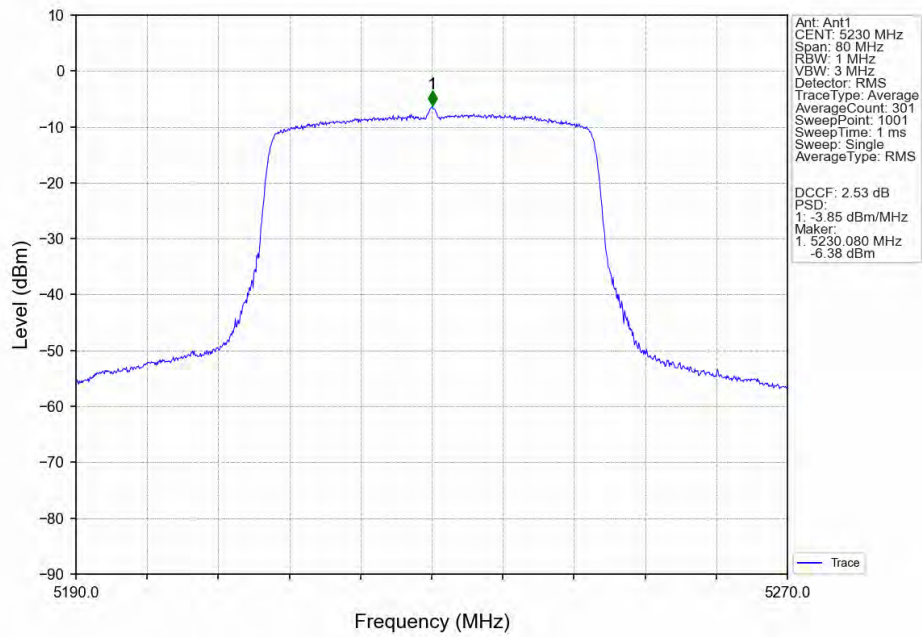
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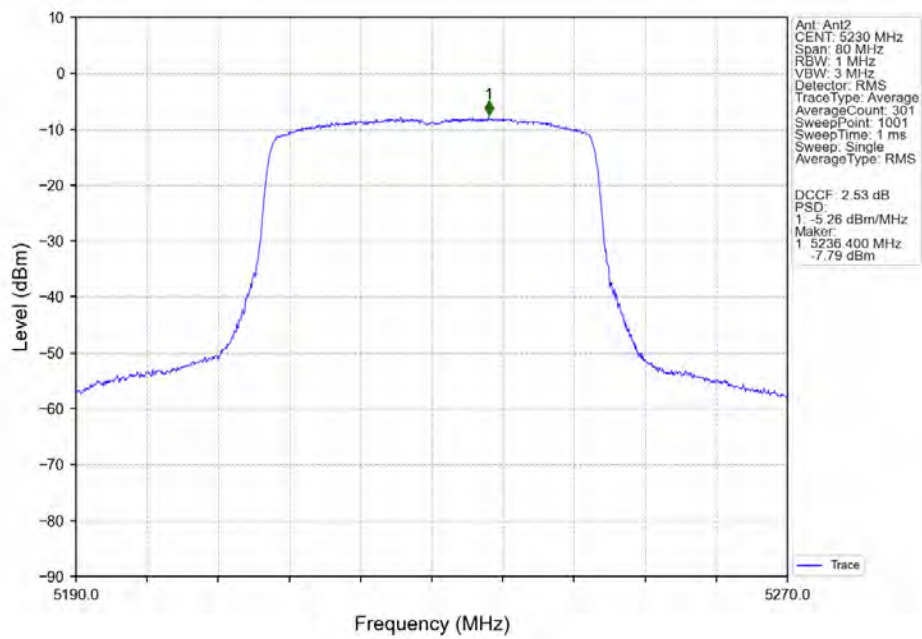
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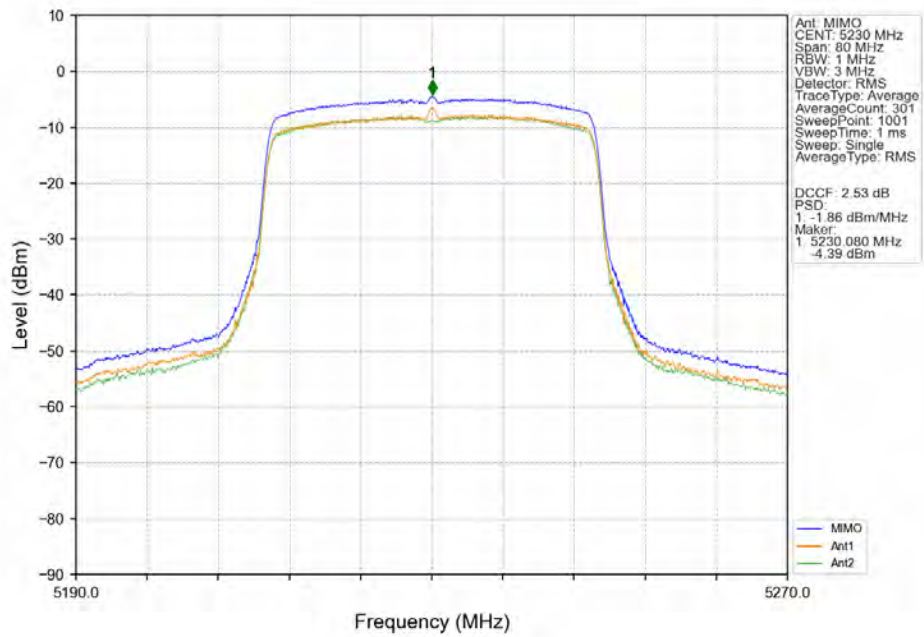
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



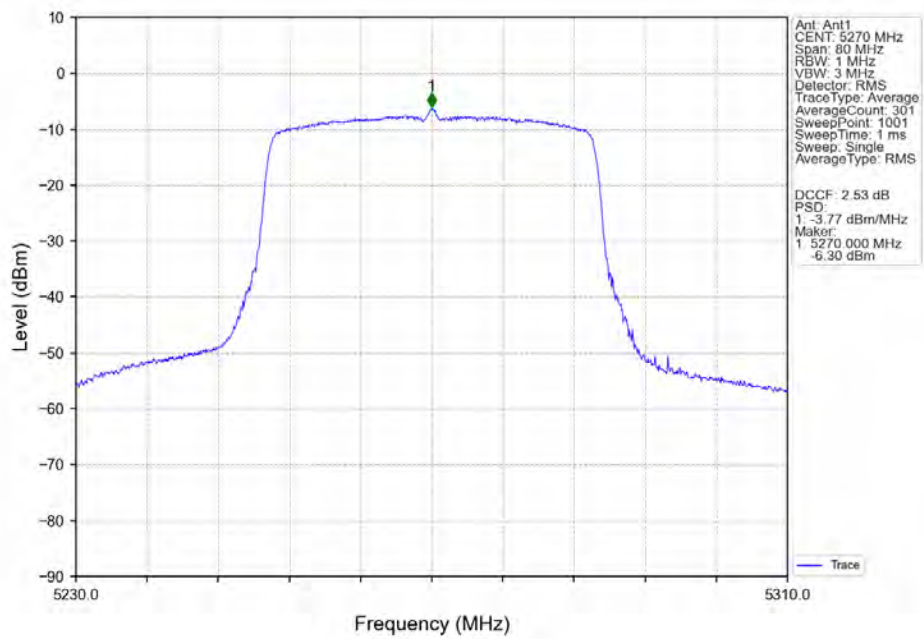
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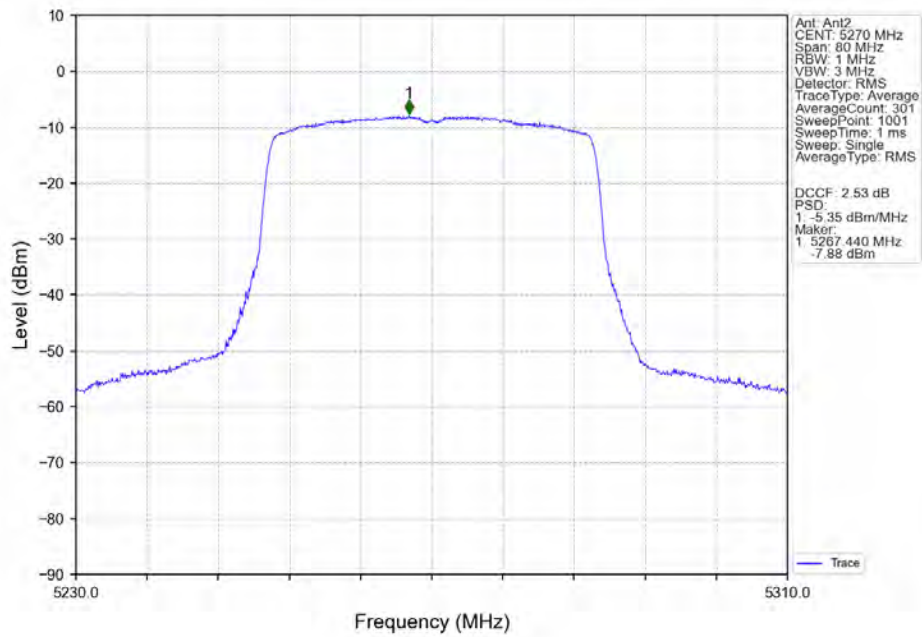
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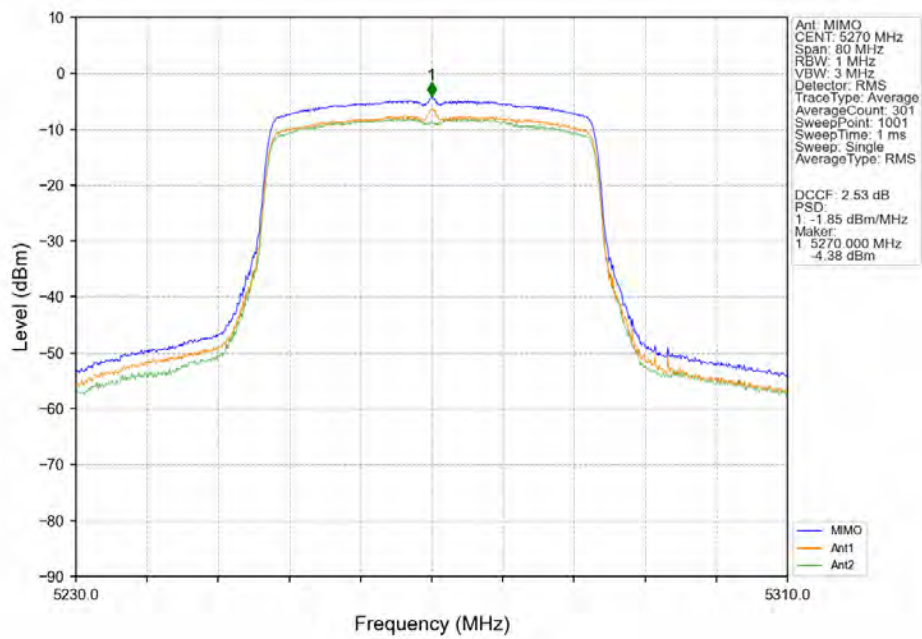
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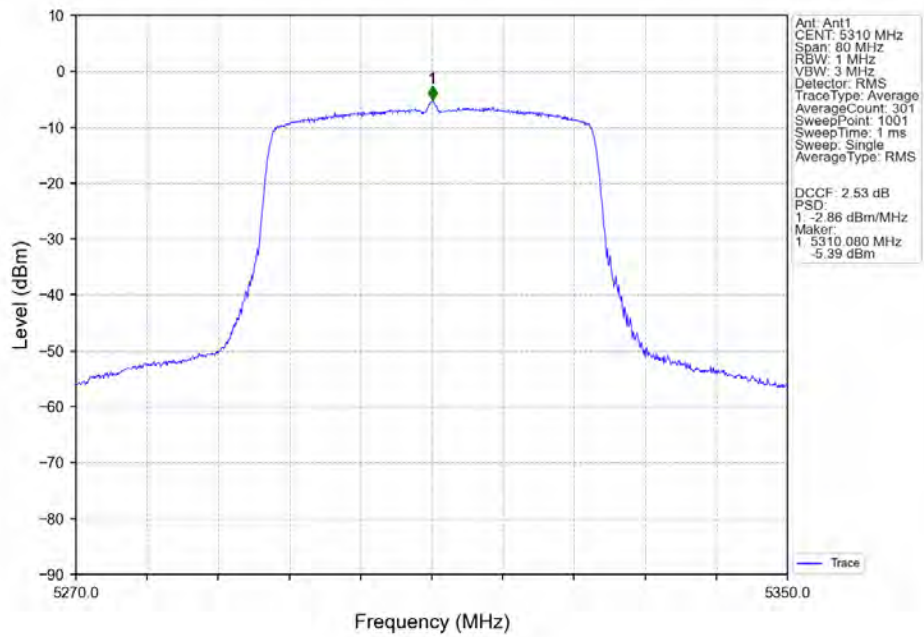
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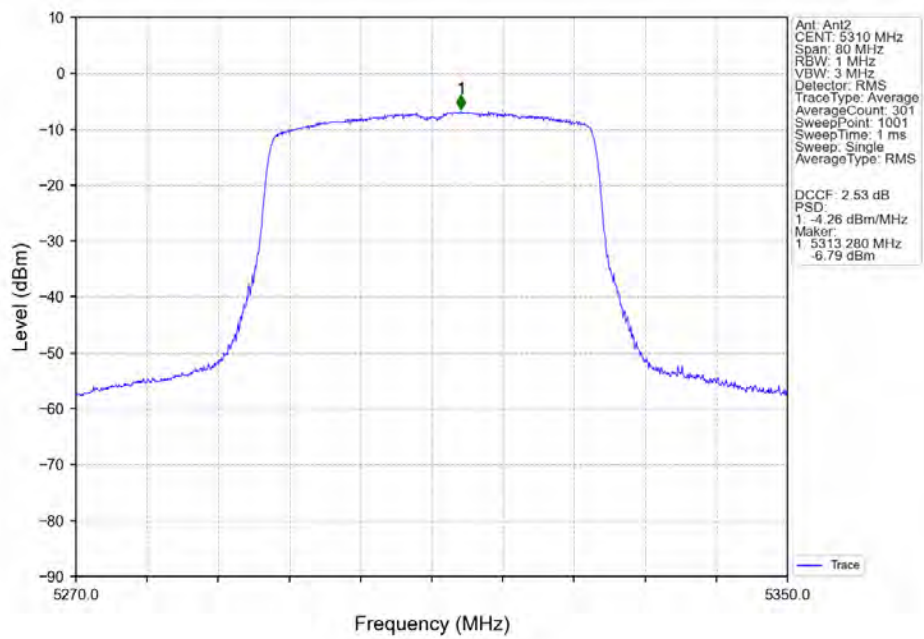
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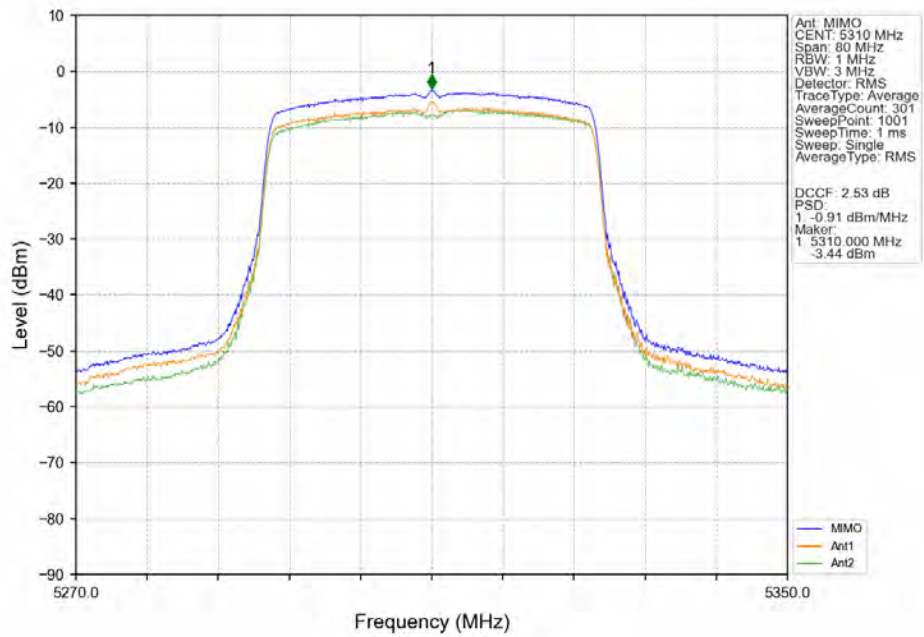
802.11n(HT40) HCH 5310MHz_Ant1_NTNV



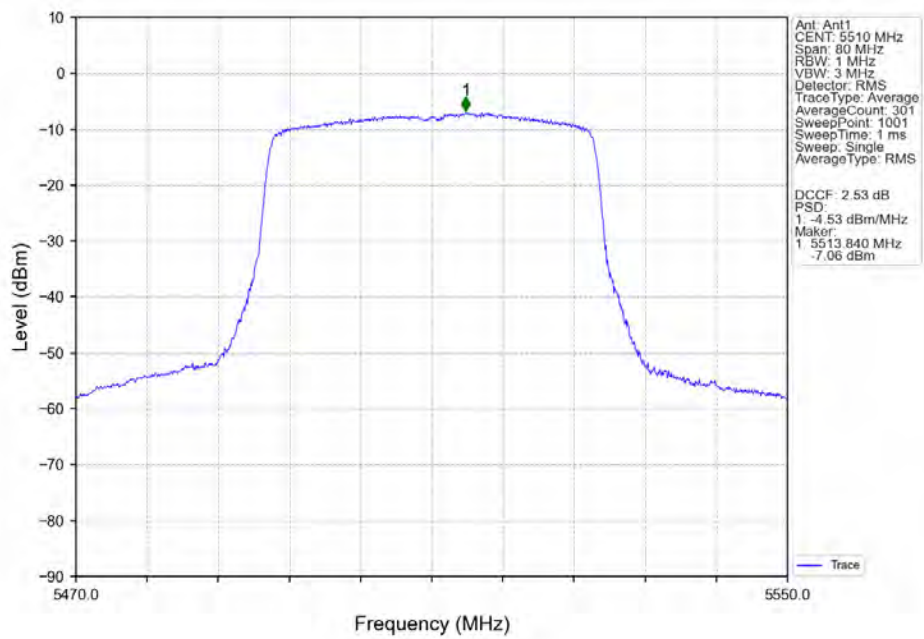
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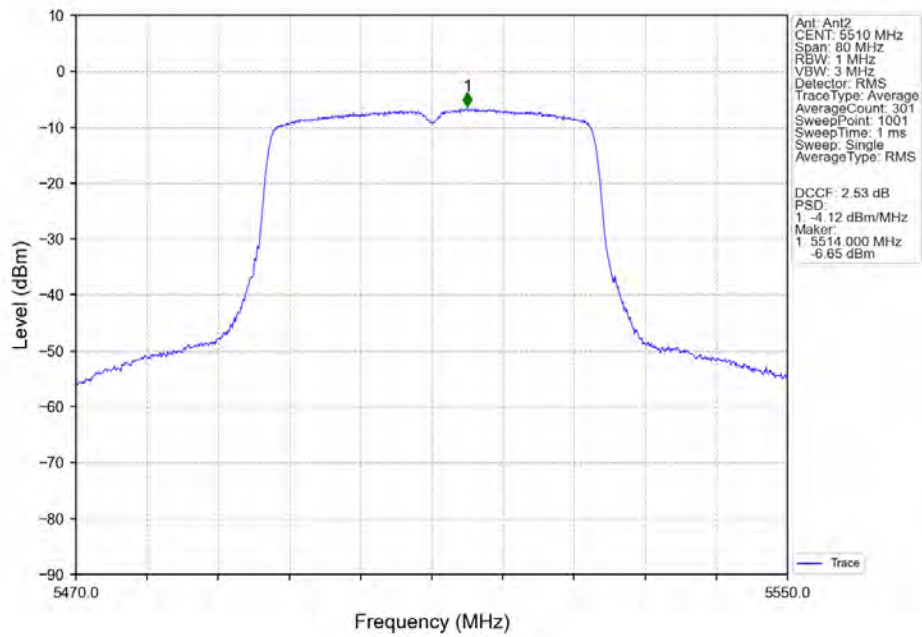
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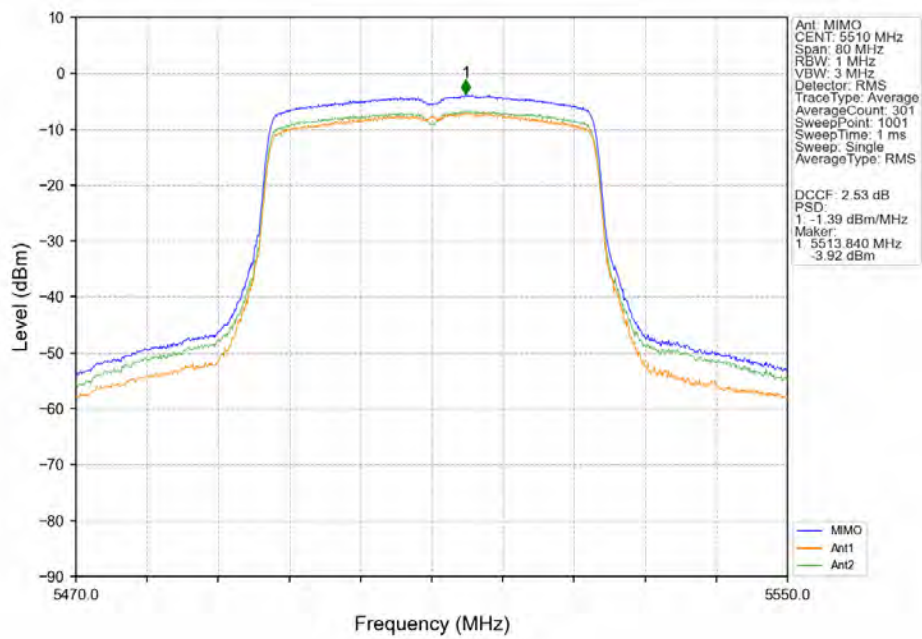
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



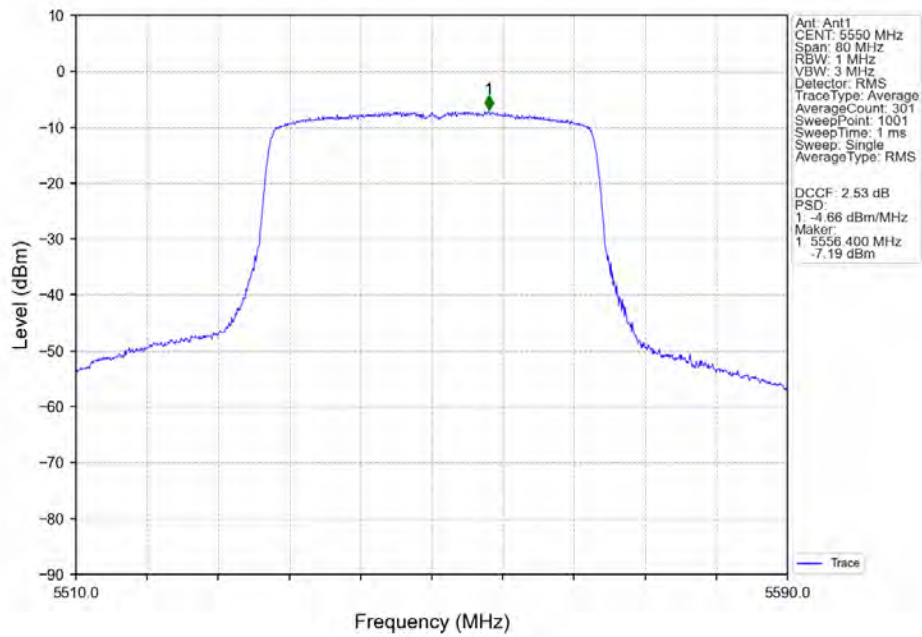
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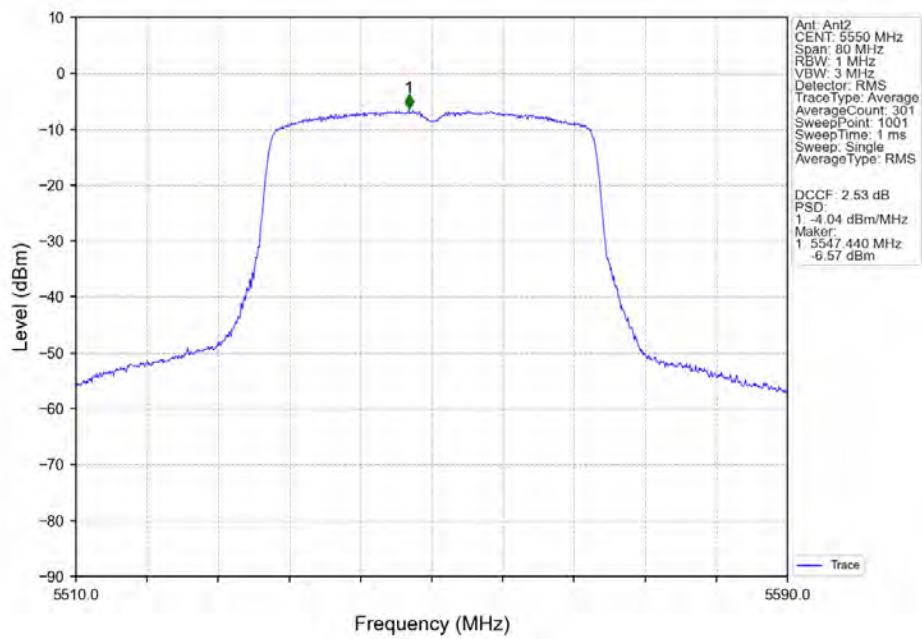
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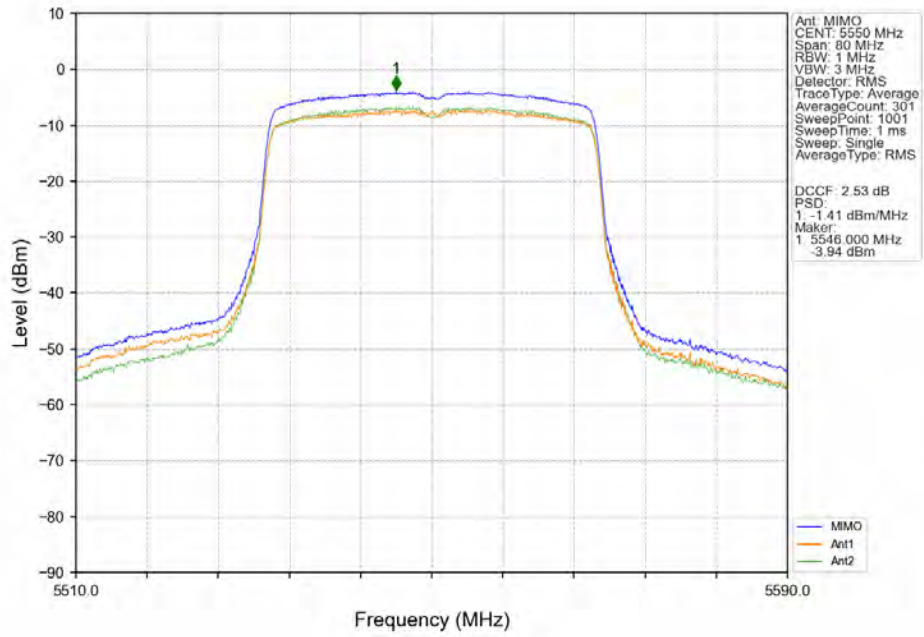
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



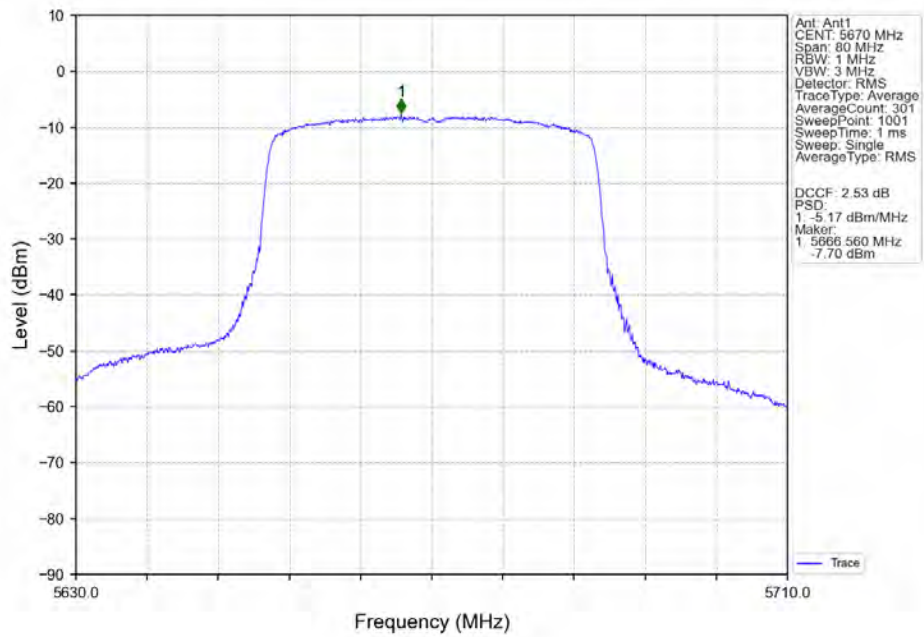
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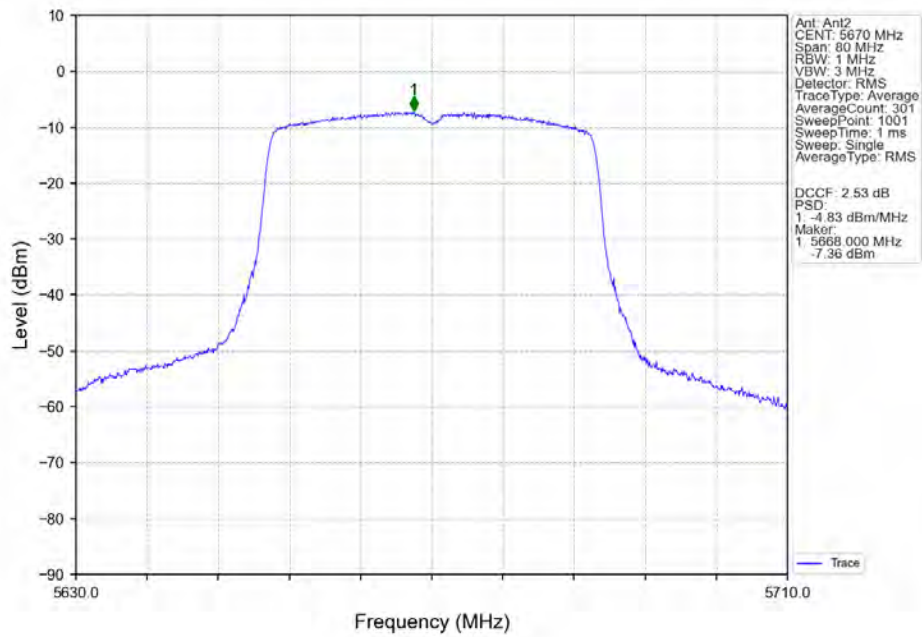
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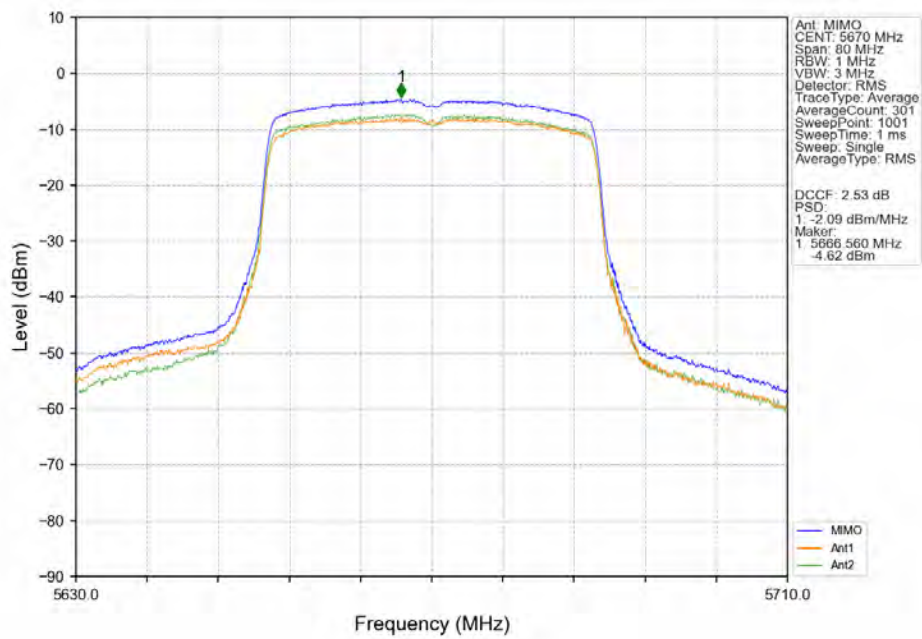
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant2_NTNV

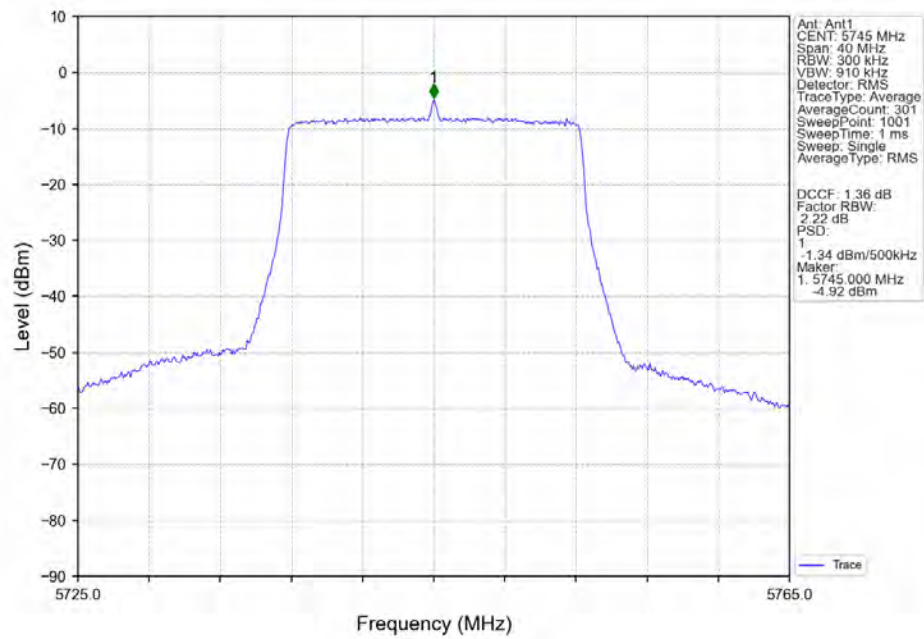


802.11n(HT40)_HCH_5670MHz_MIMO_NTNV

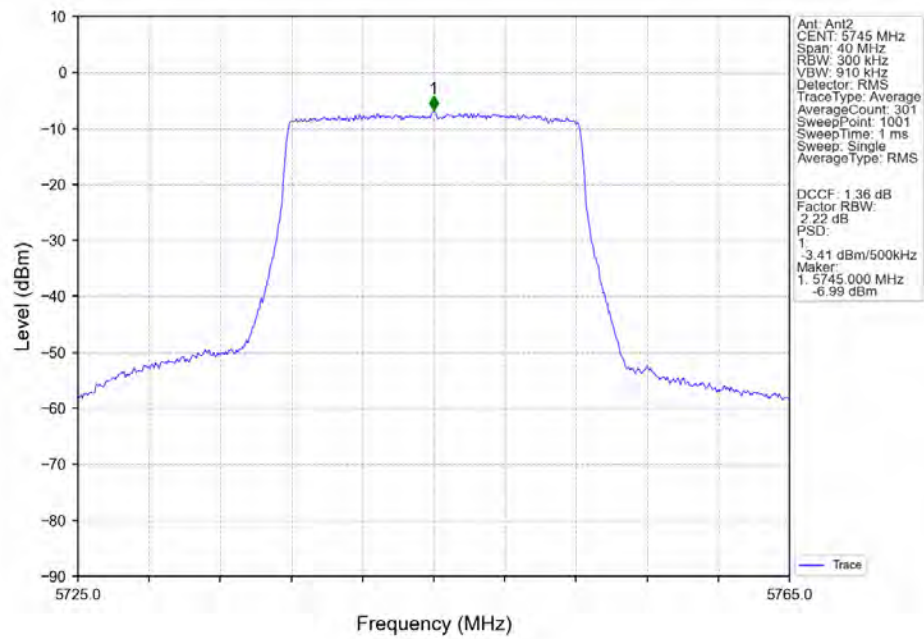


4.2.2 PSD-Band3

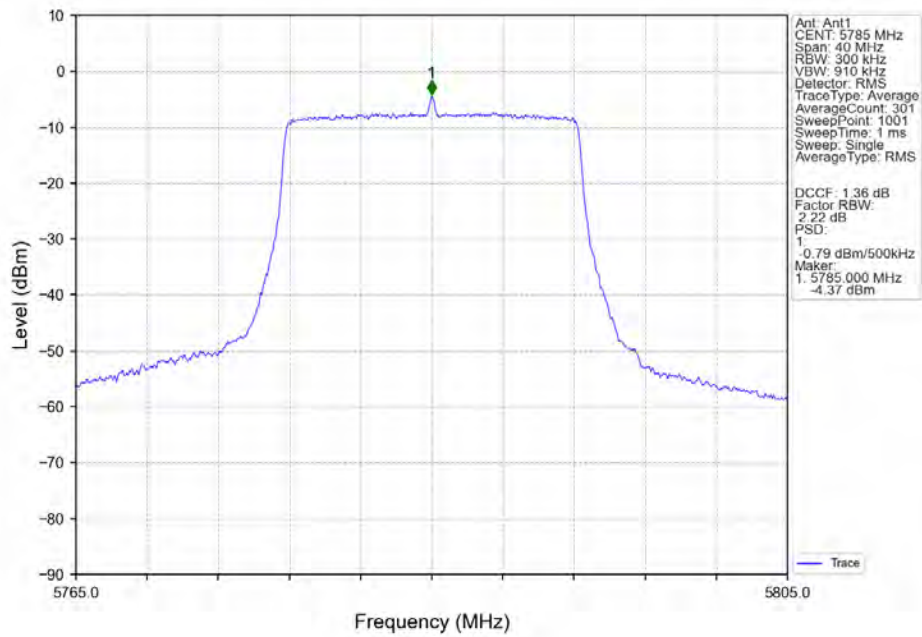
802.11a_LCH_5745MHz_Ant1_NTNV



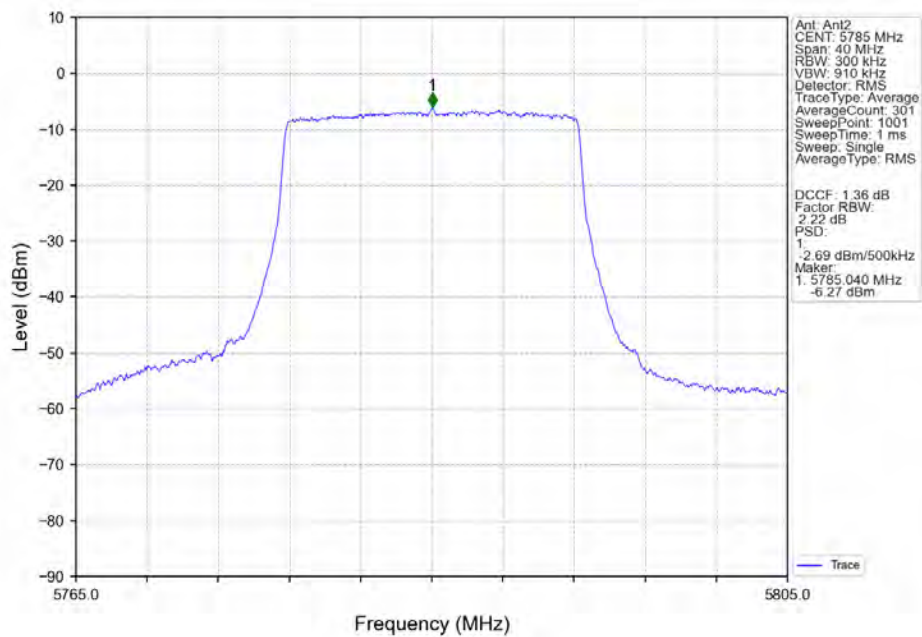
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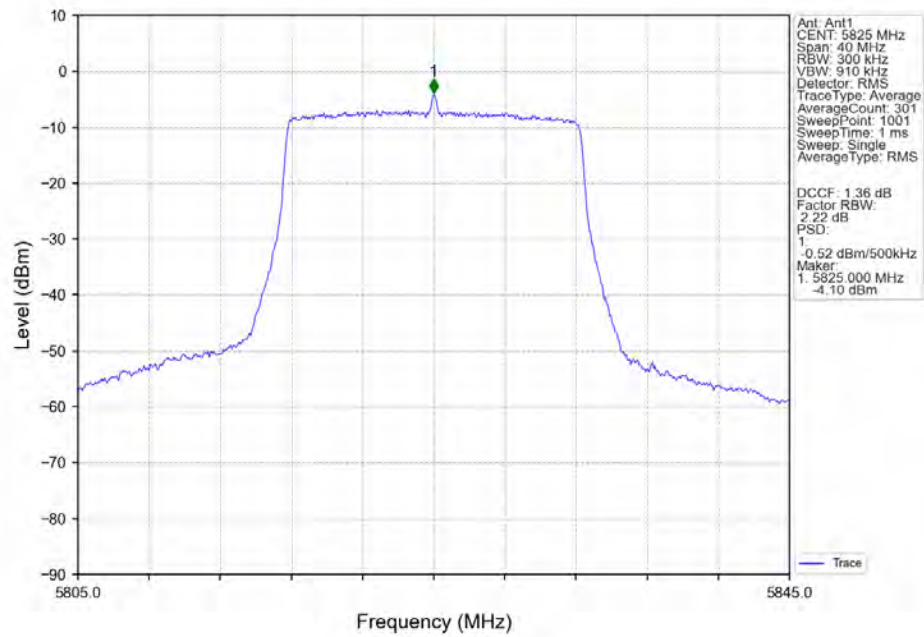
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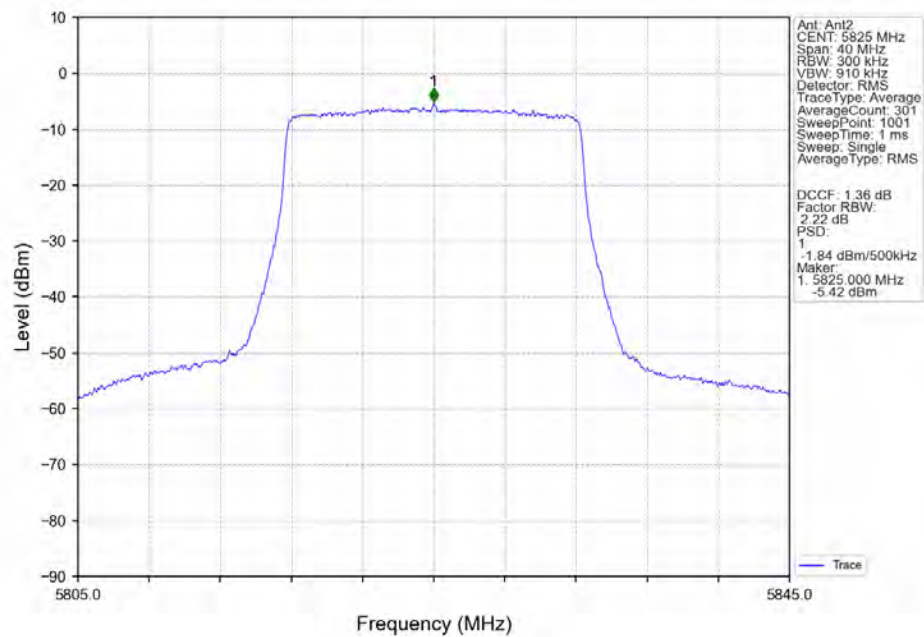
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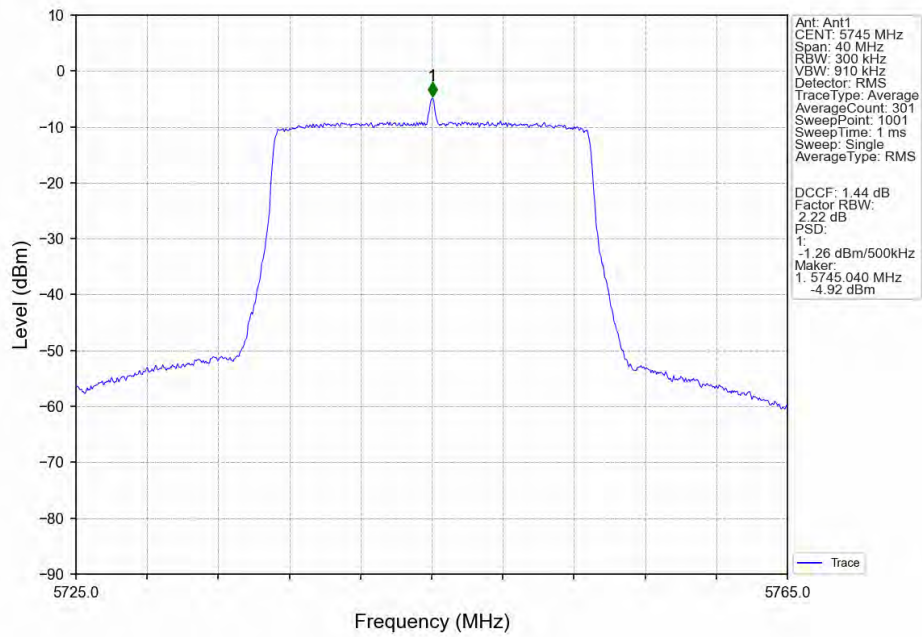
802.11a_HCH_5825MHz_Ant1_NTNV



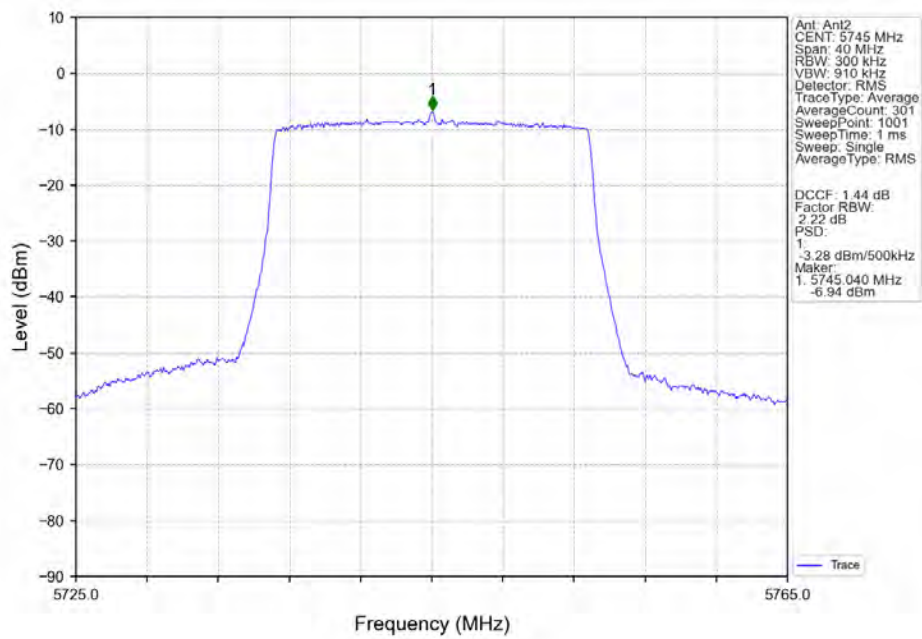
802.11a_HCH_5825MHz_Ant2_NTNV



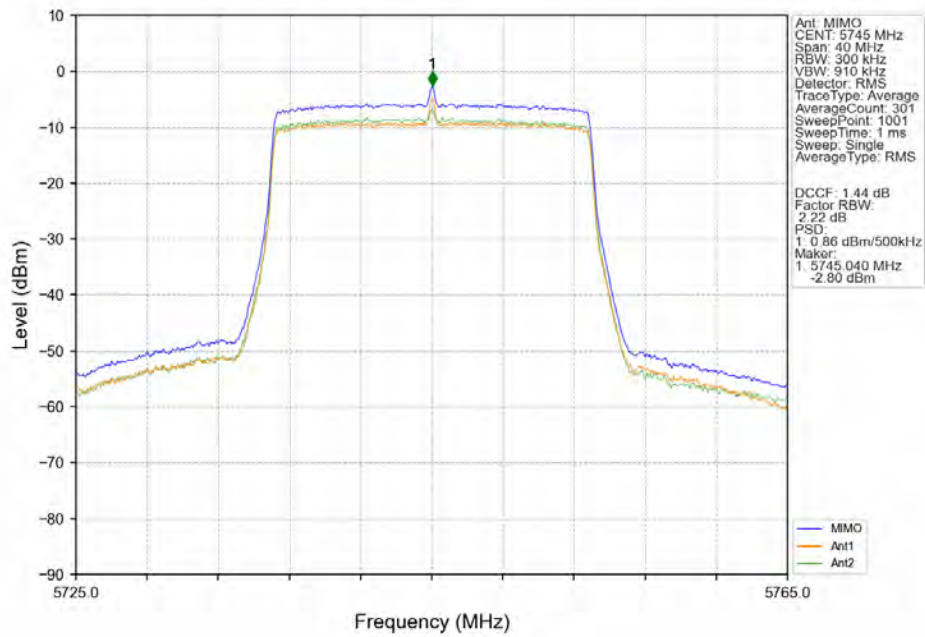
802.11n(HT20) LCH_5745MHz_Ant1_NTNV



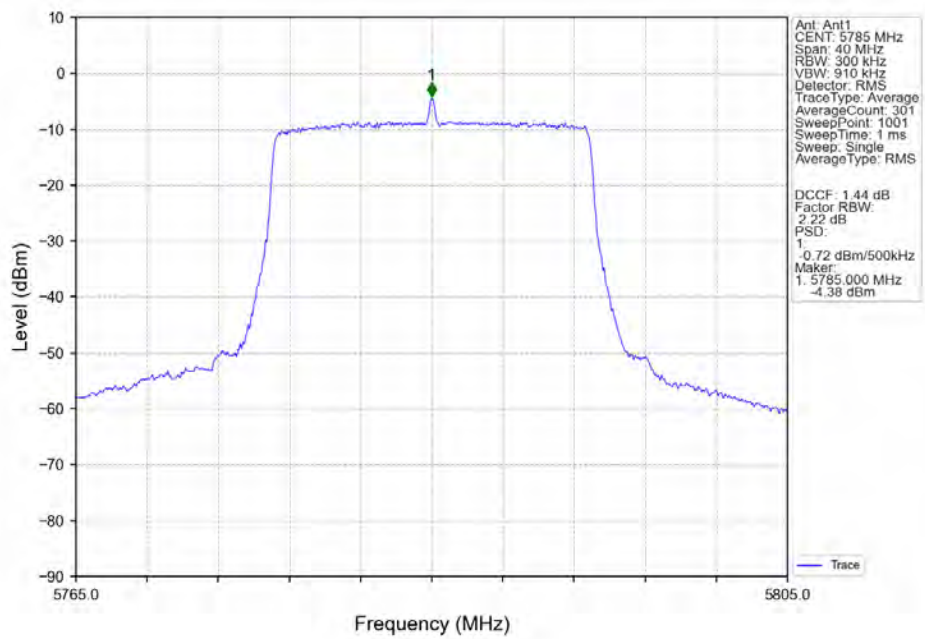
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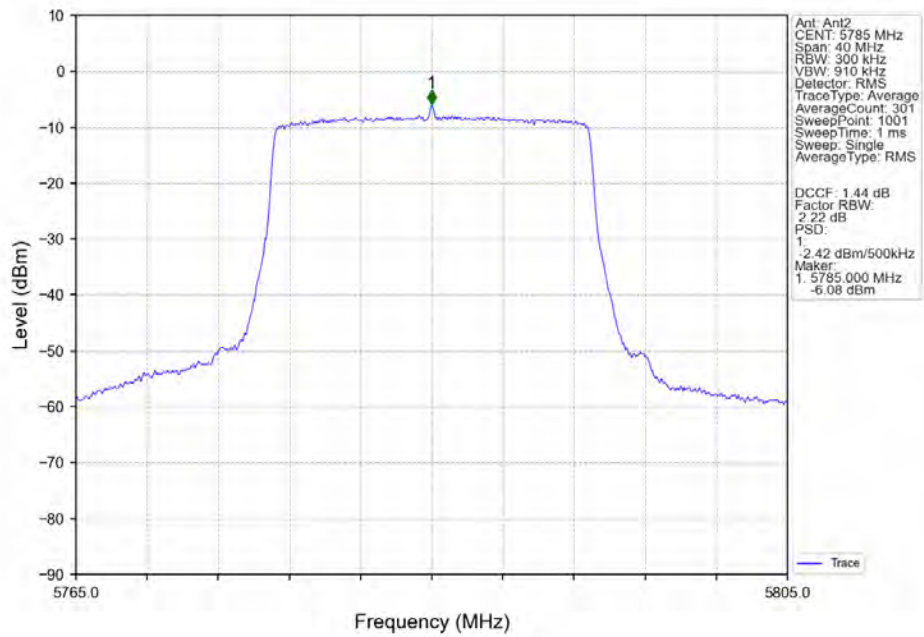
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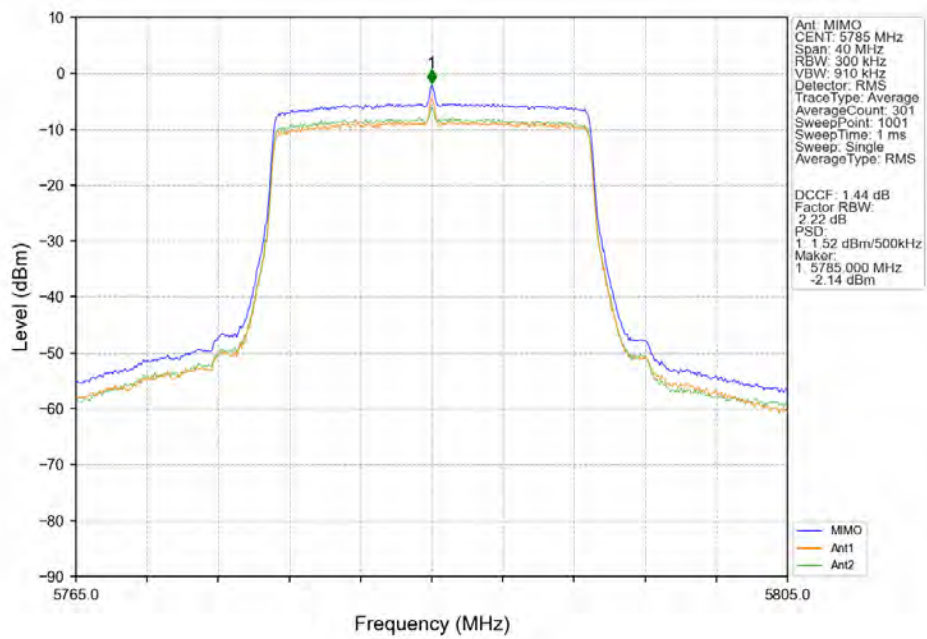
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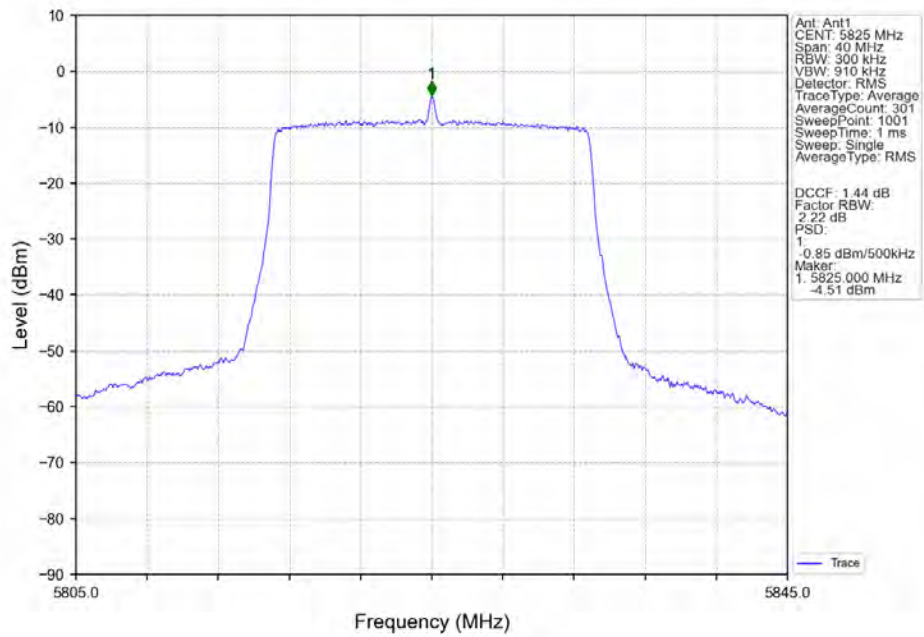
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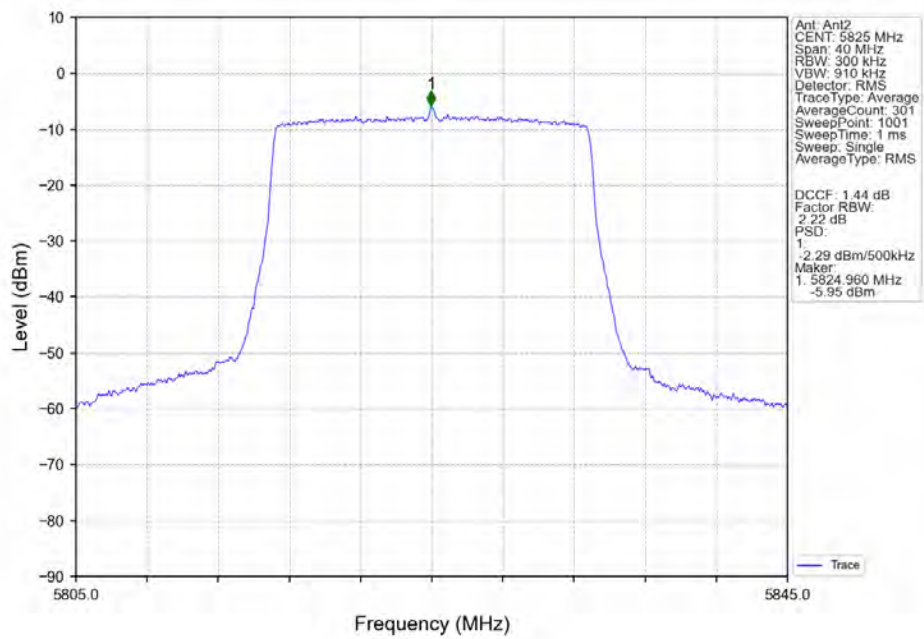
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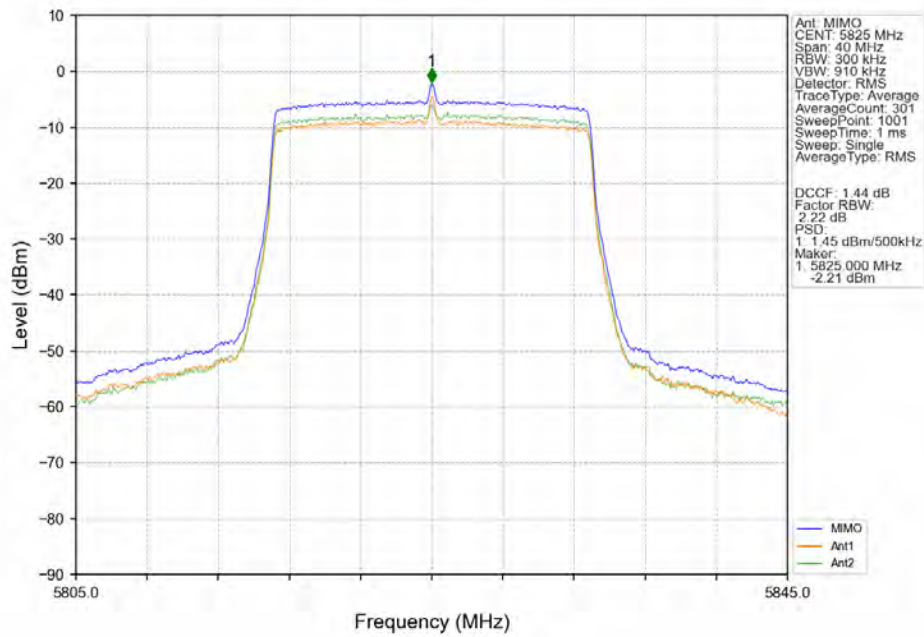
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



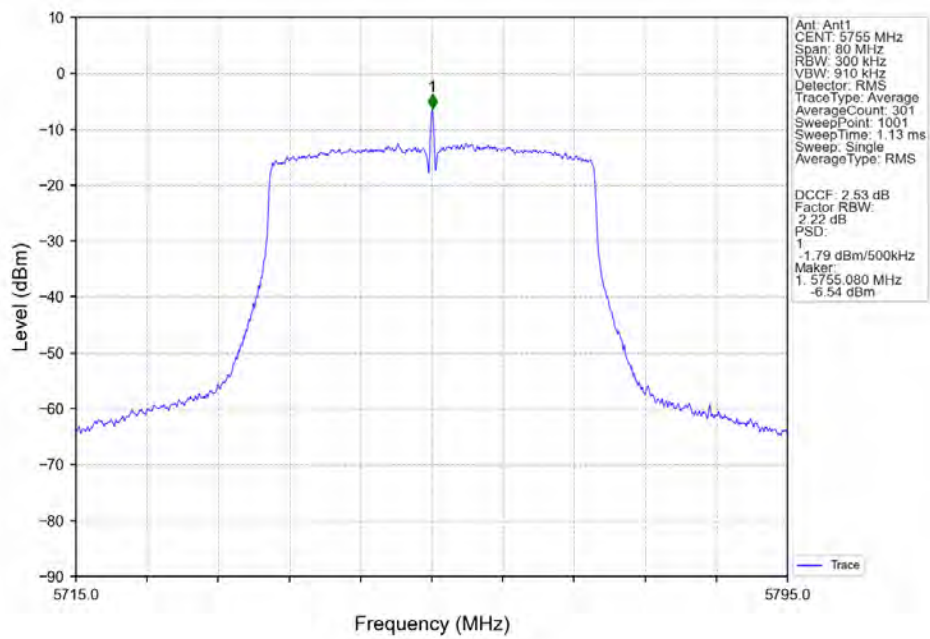
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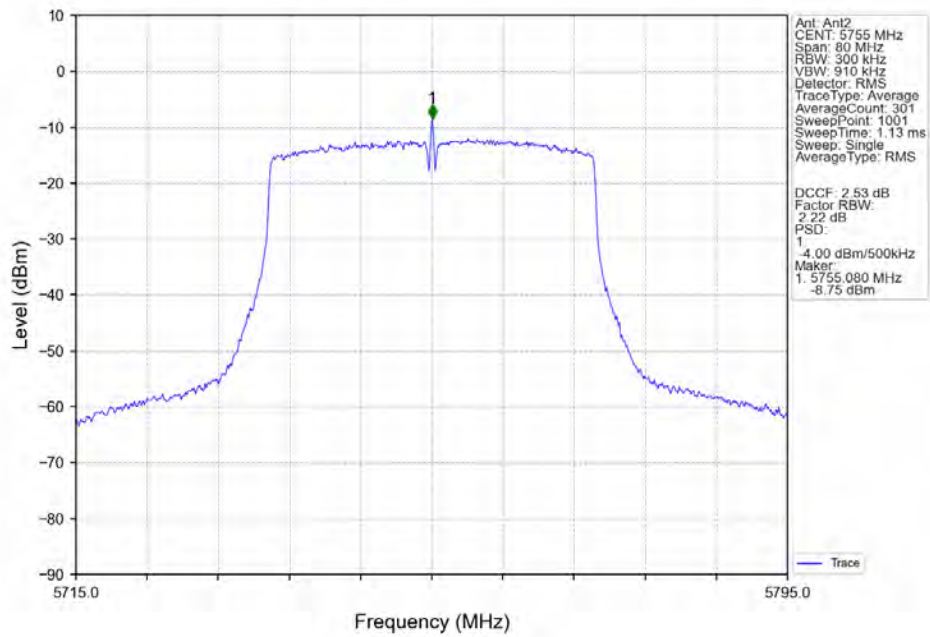
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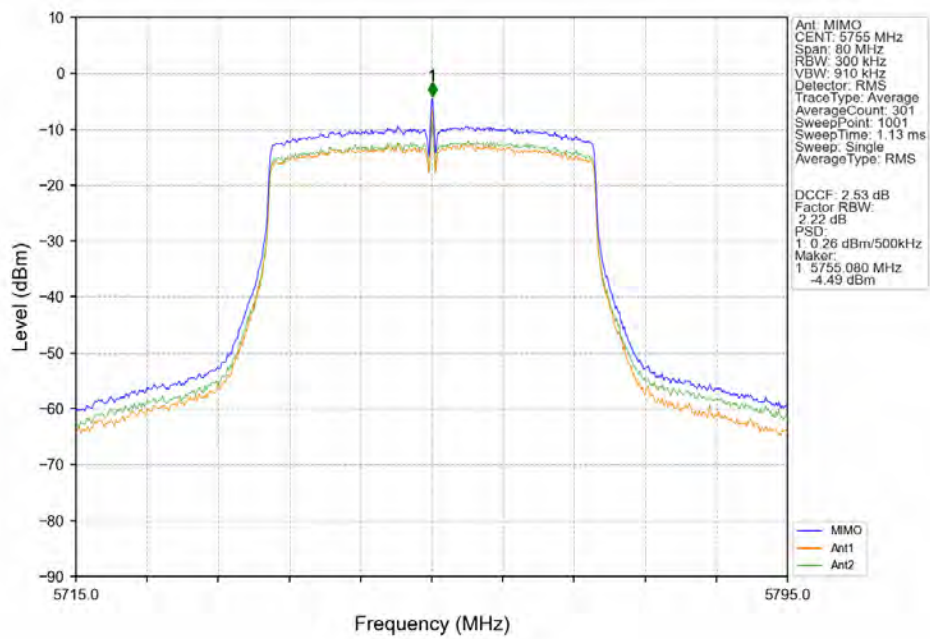
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



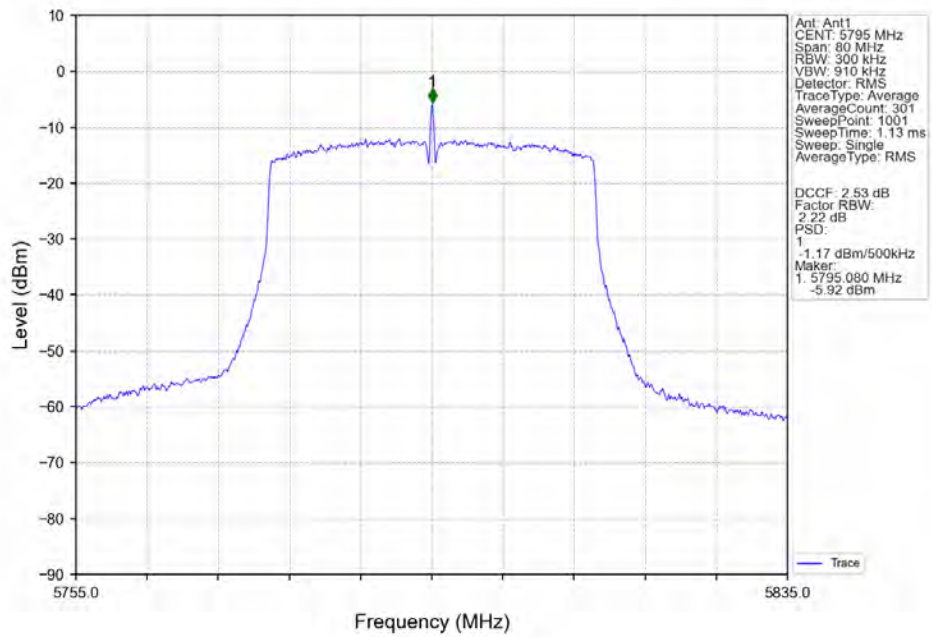
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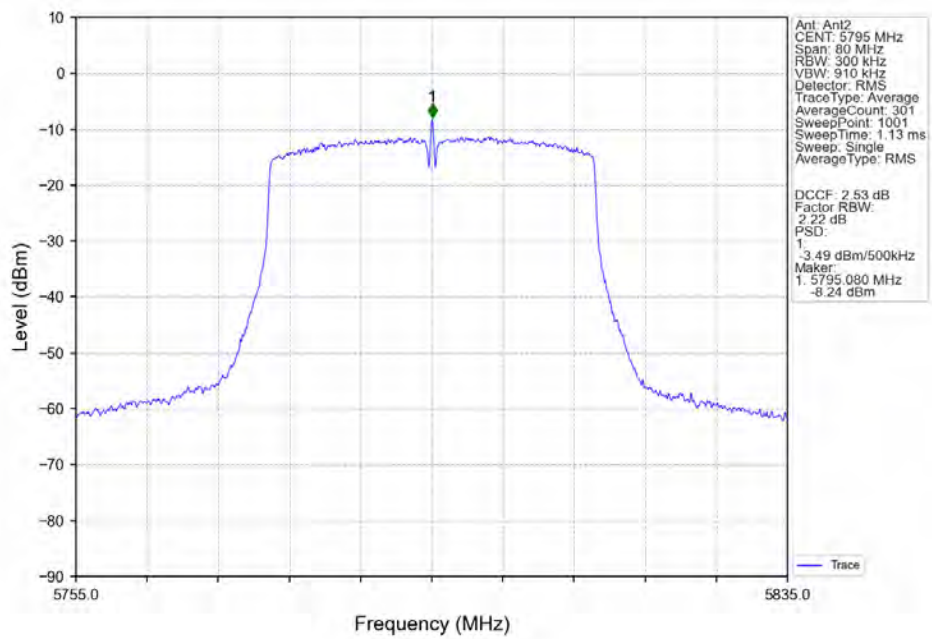
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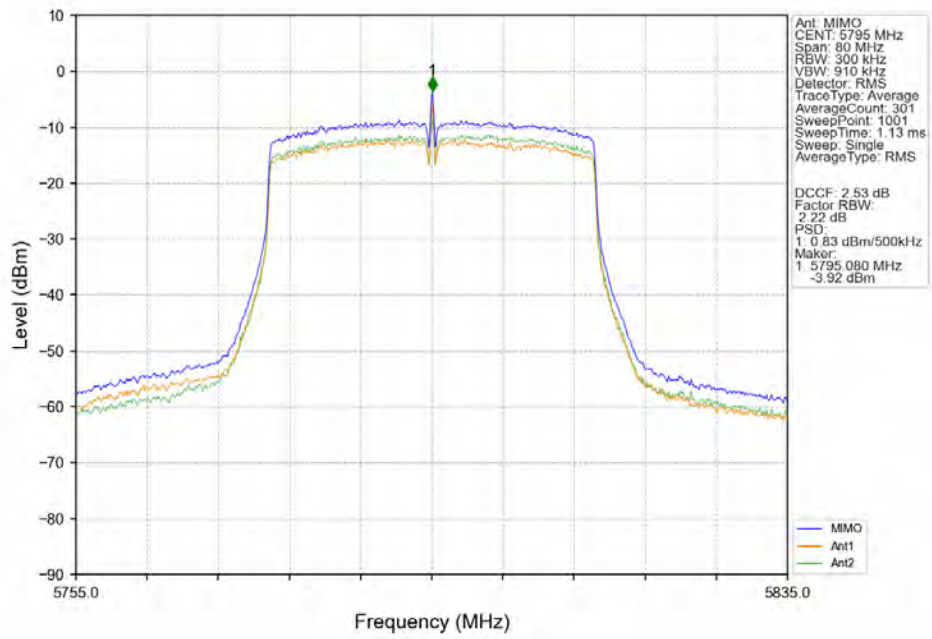
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



802.11n(HT40) HCH 5795MHz_Ant2_NTNV



802.11n(HT40)_HCH_5795MHz_MIMO_NTNV



5. Form731

5.1 Test Result

5.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5180	5240	0.0160	12.03
5260	5320	0.0198	12.96
5500	5700	0.0187	12.72
5745	5825	0.0203	13.08
5190	5230	0.0157	11.96
5270	5310	0.0195	12.90
5510	5670	0.0193	12.85
5755	5795	0.0205	13.11