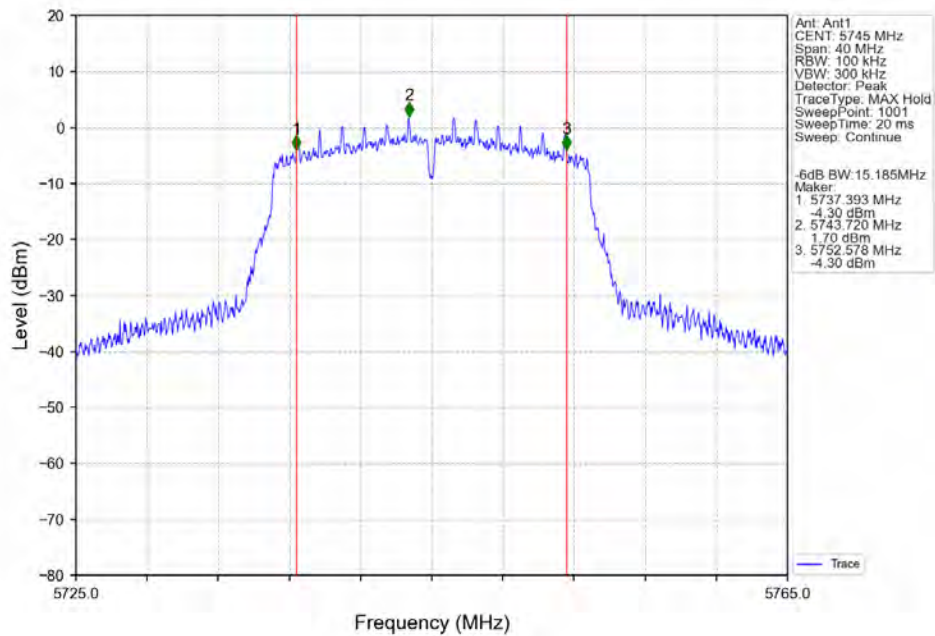
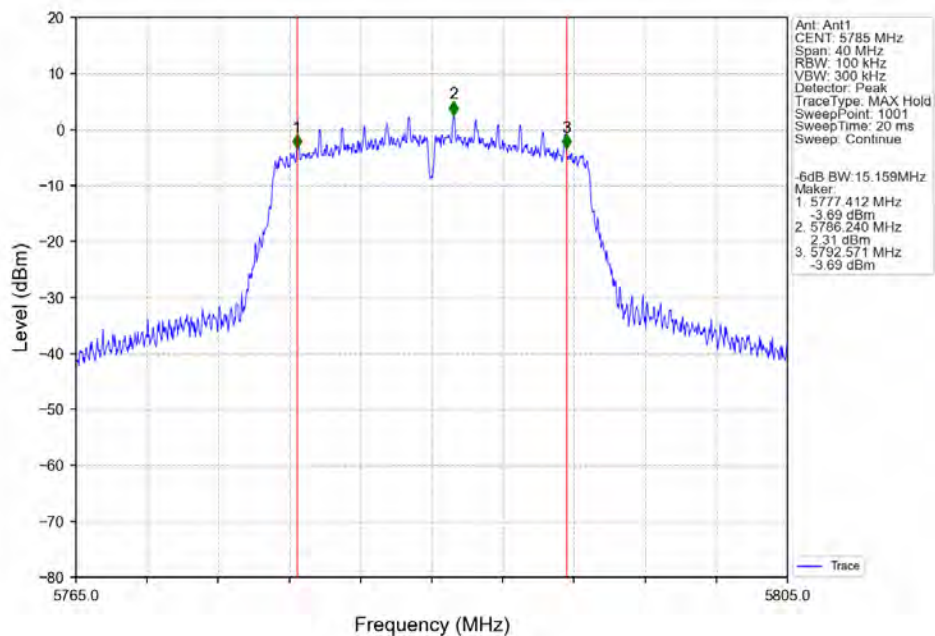


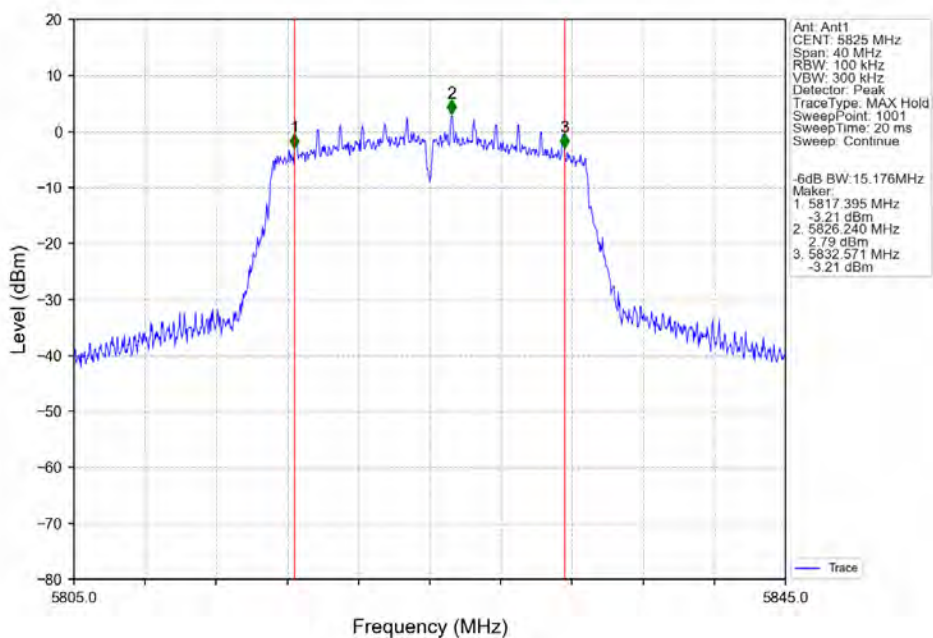
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



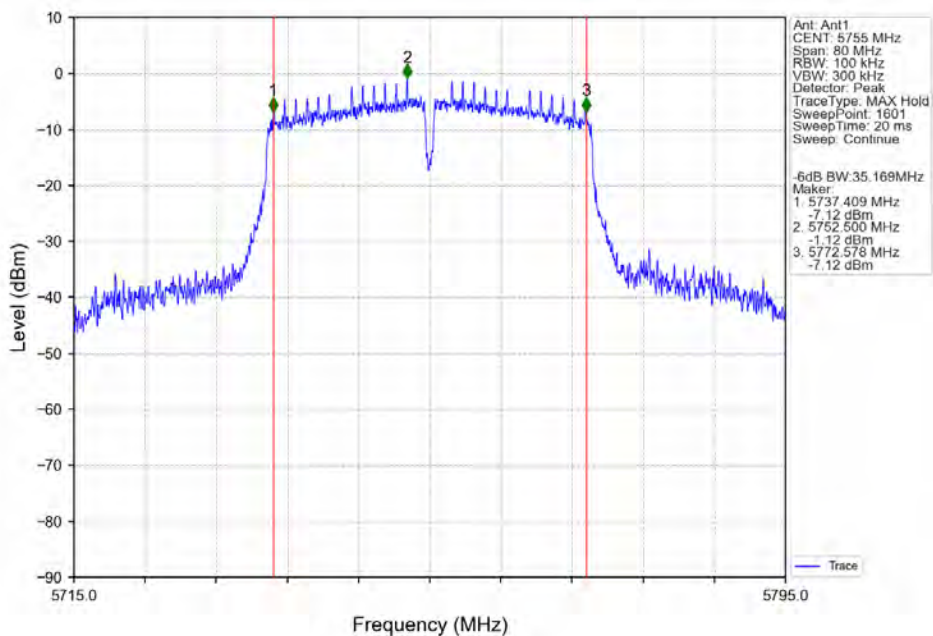
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



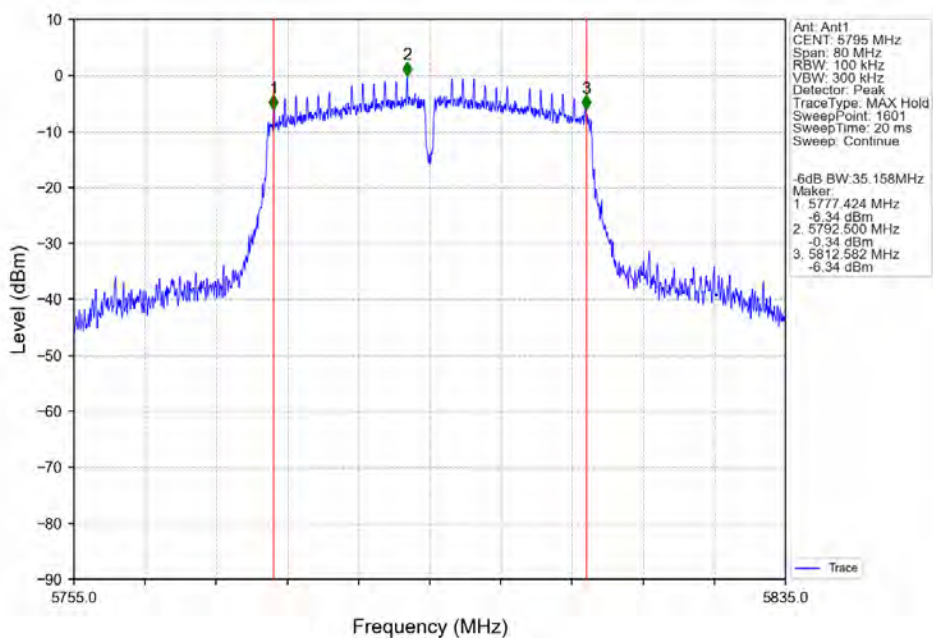
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



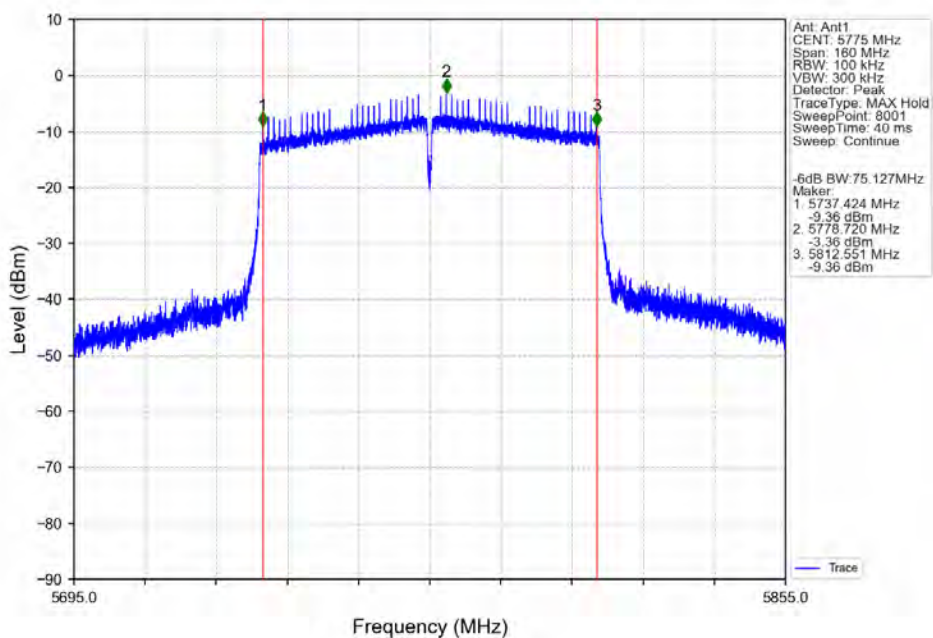
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



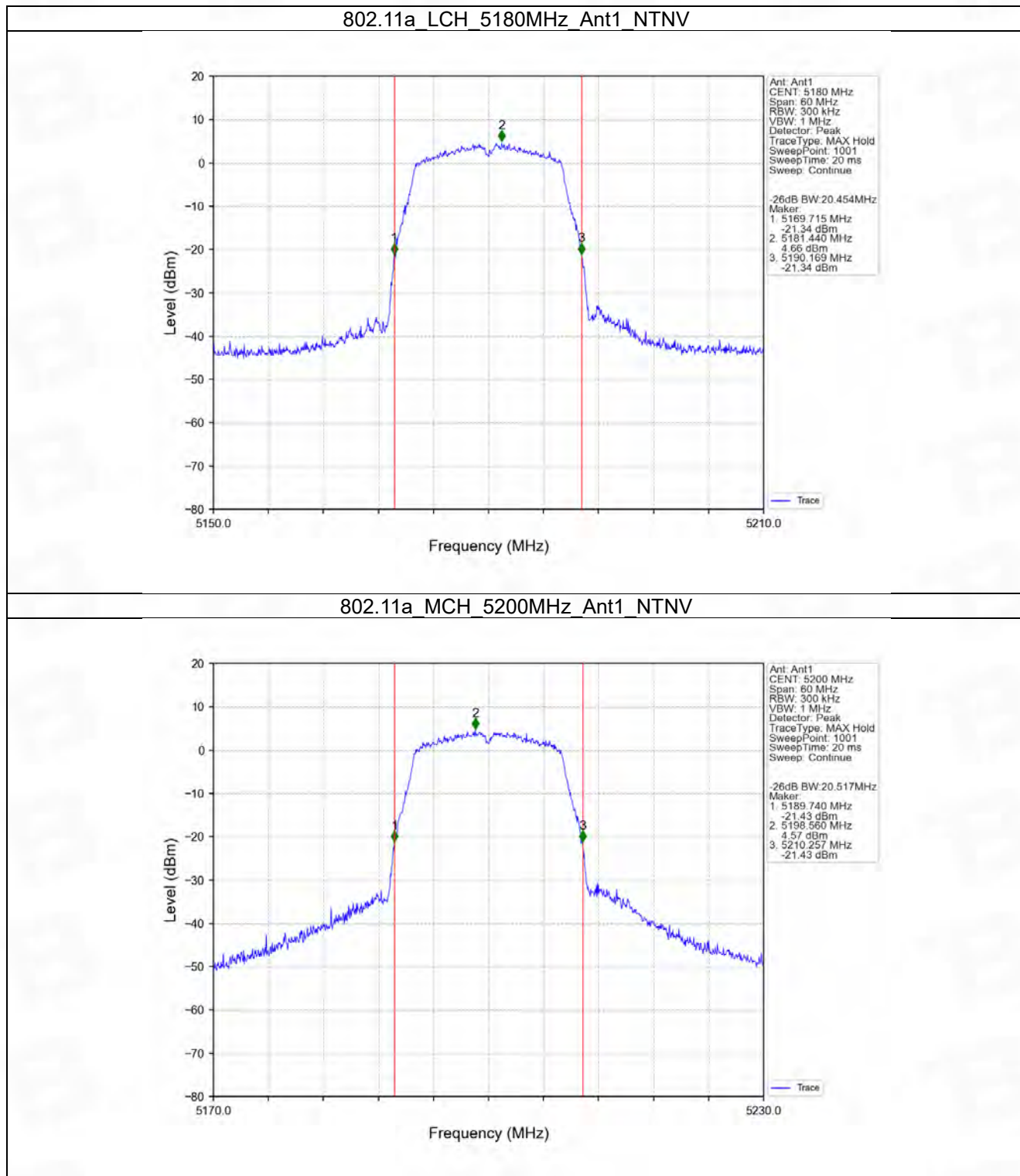
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



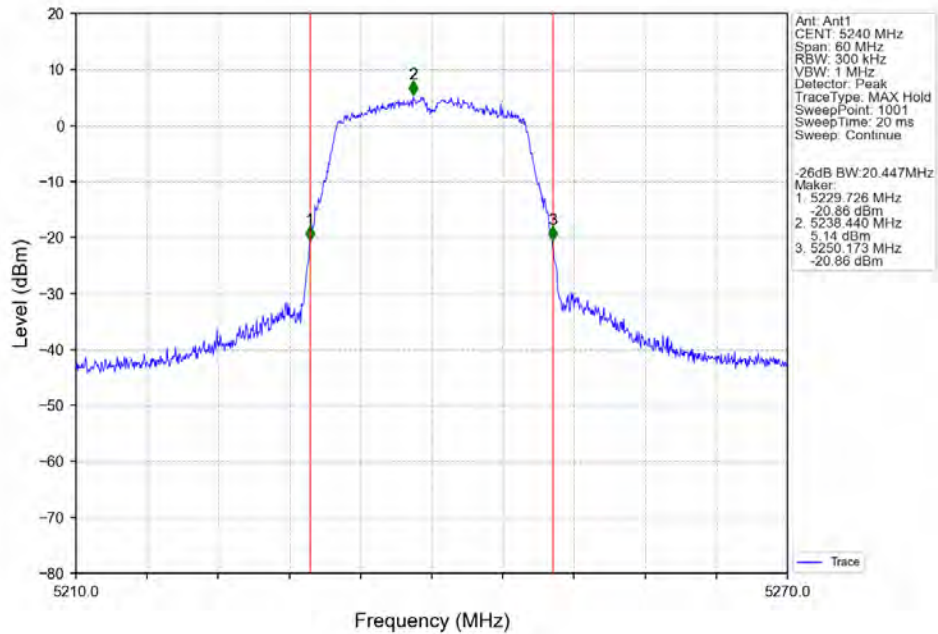
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



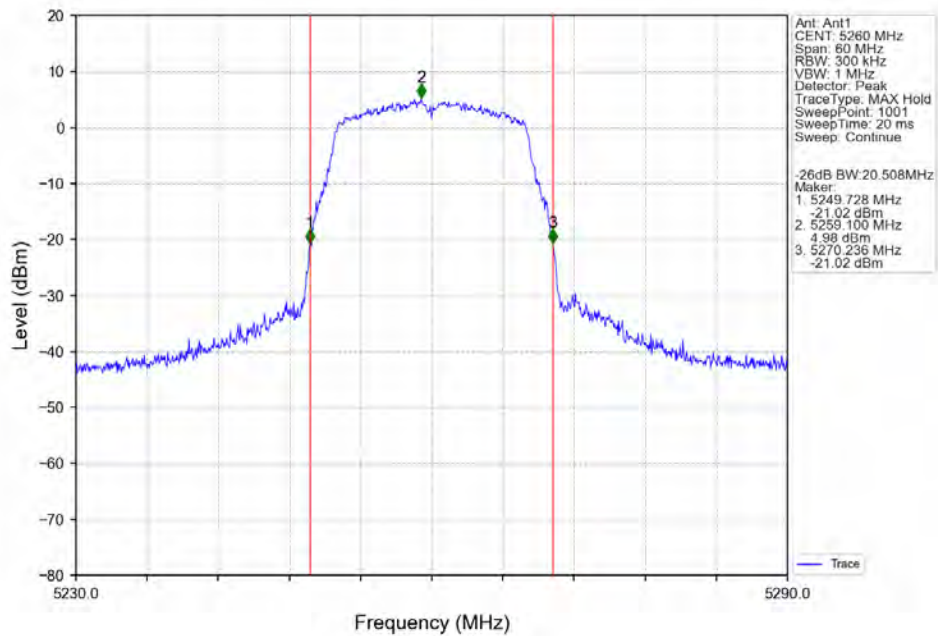
2.2.3 26dB BW



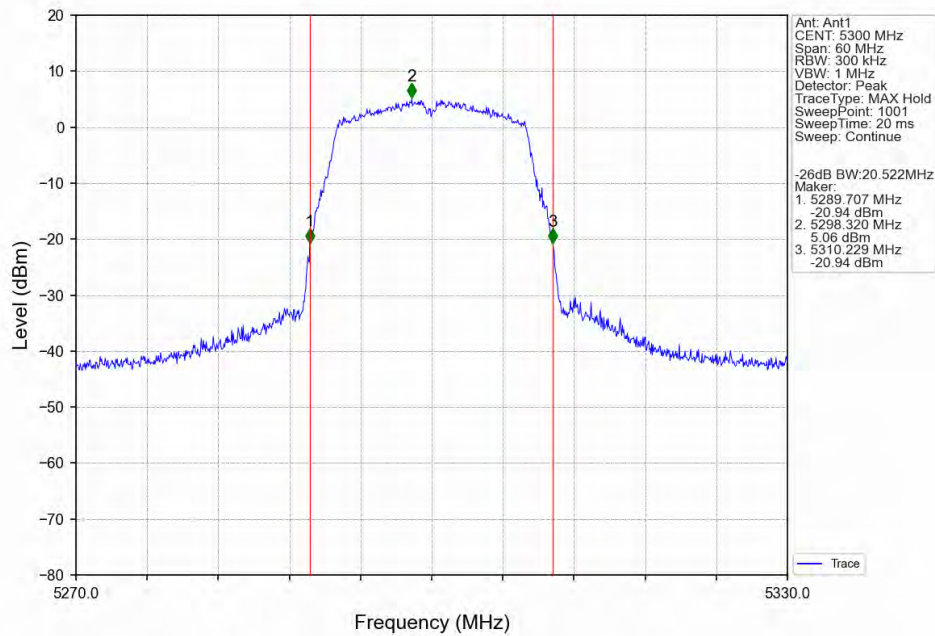
802.11a_HCH_5240MHz_Ant1_NTNV



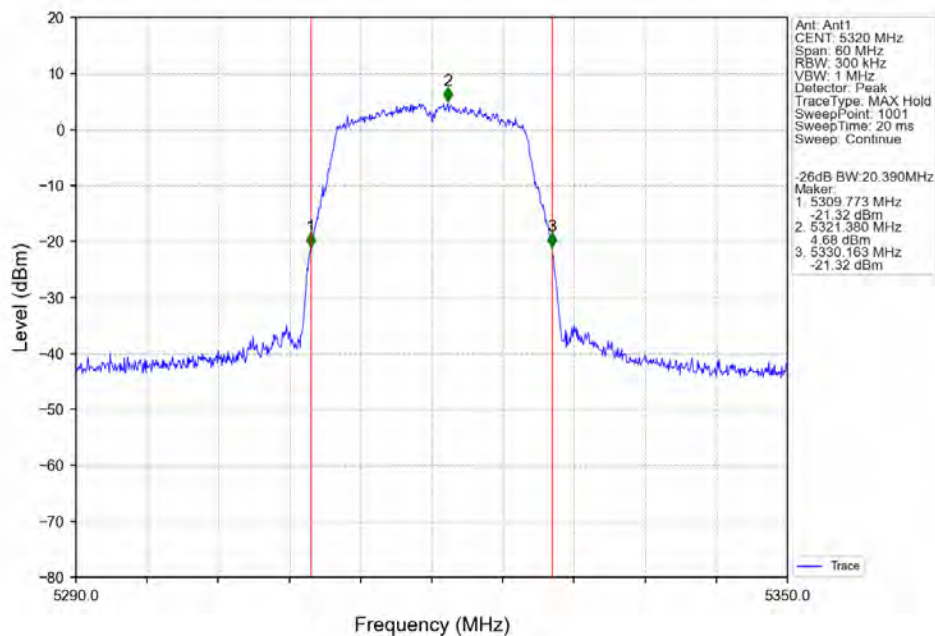
802.11a_LCH_5260MHz_Ant1_NTNV



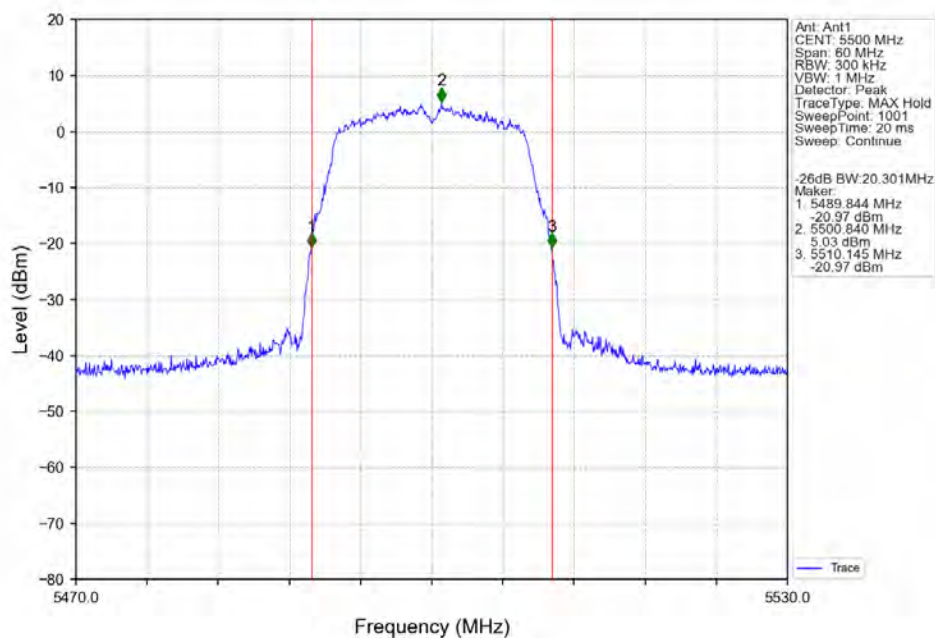
802.11a_MCH_5300MHz_Ant1_NTNV



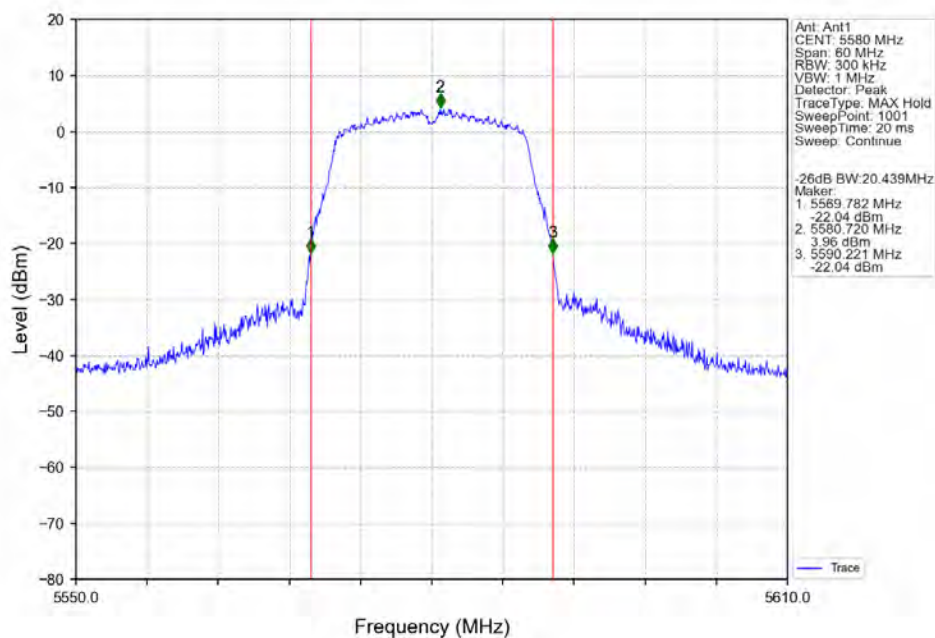
802.11a_HCH_5320MHz_Ant1_NTNV



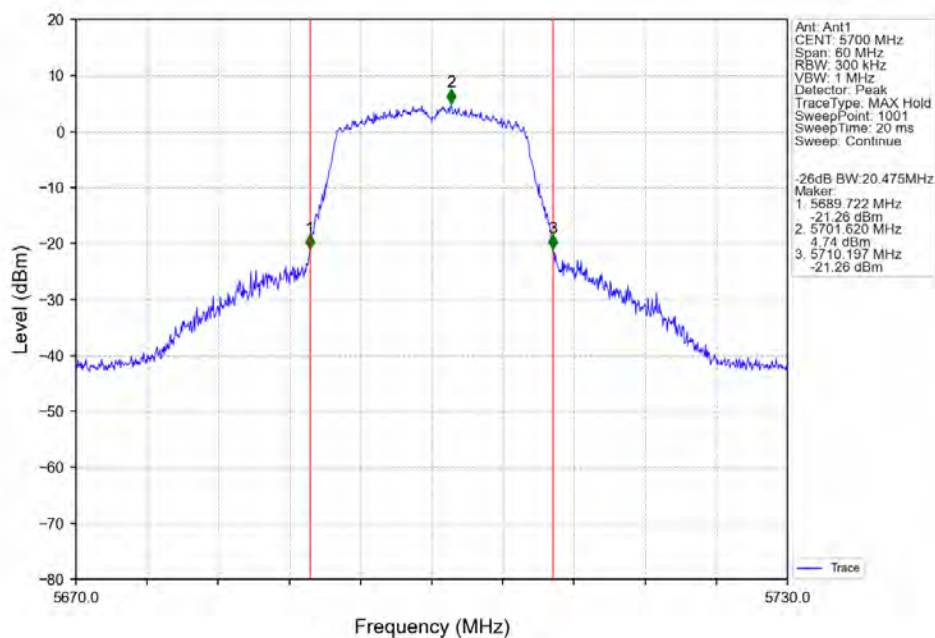
802.11a_LCH_5500MHz_Ant1_NTNV



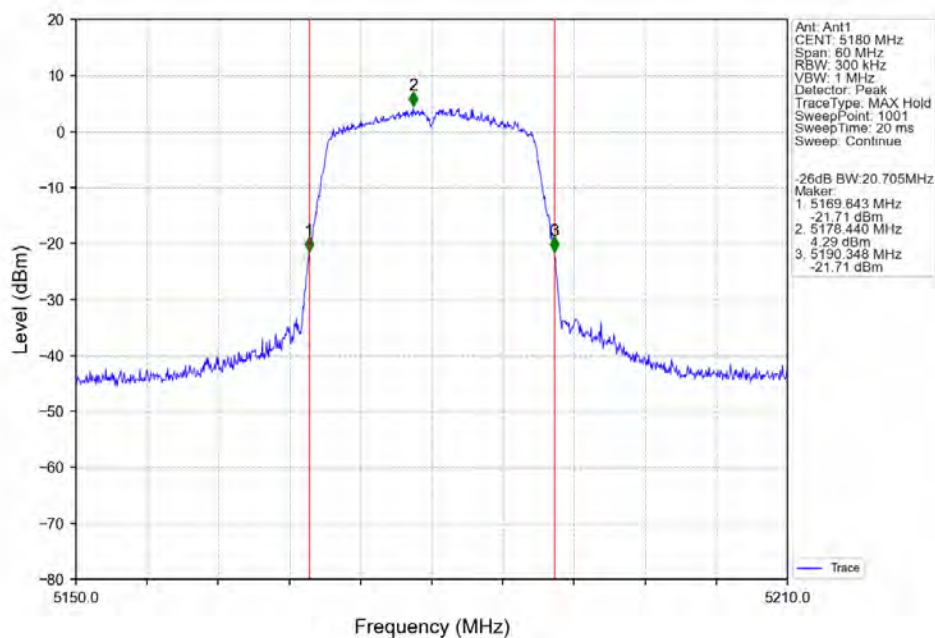
802.11a_MCH_5580MHz_Ant1_NTNV



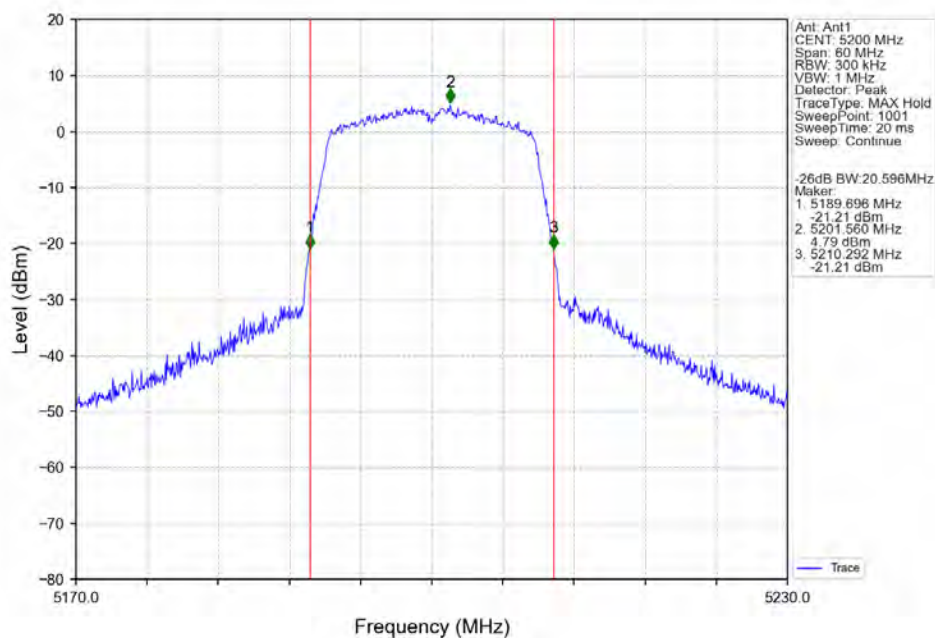
802.11a_HCH_5700MHz_Ant1_NTNV



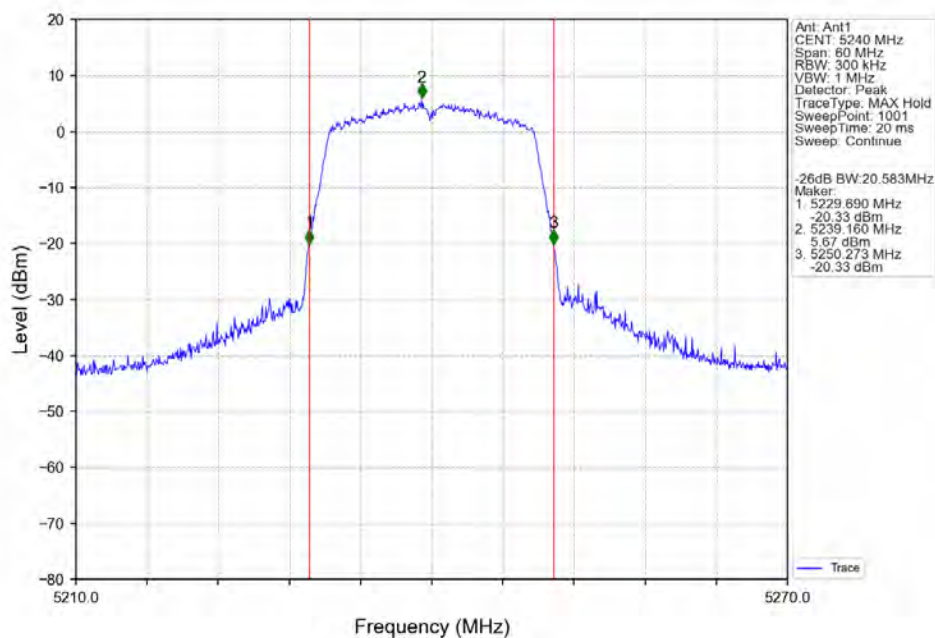
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



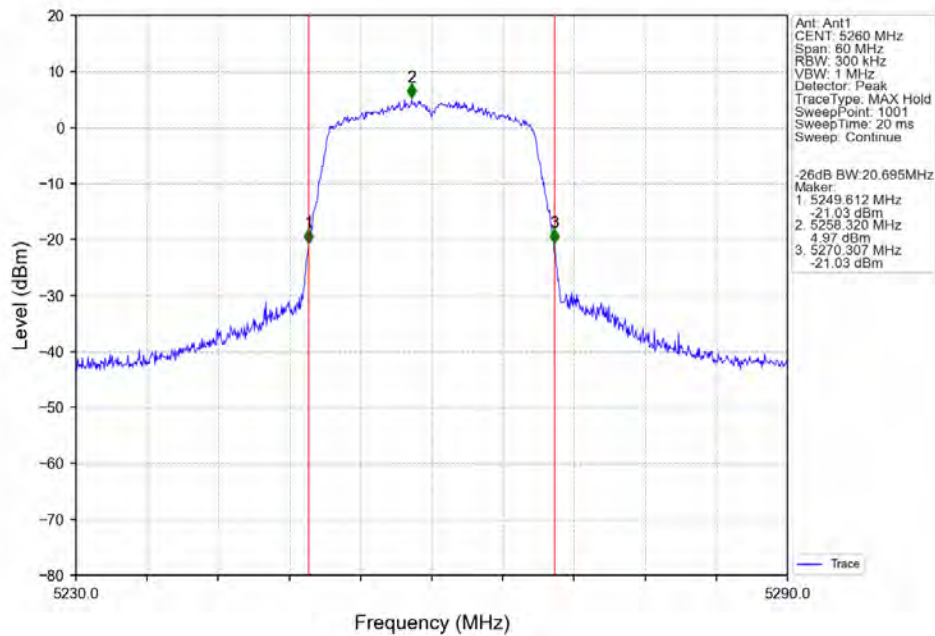
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



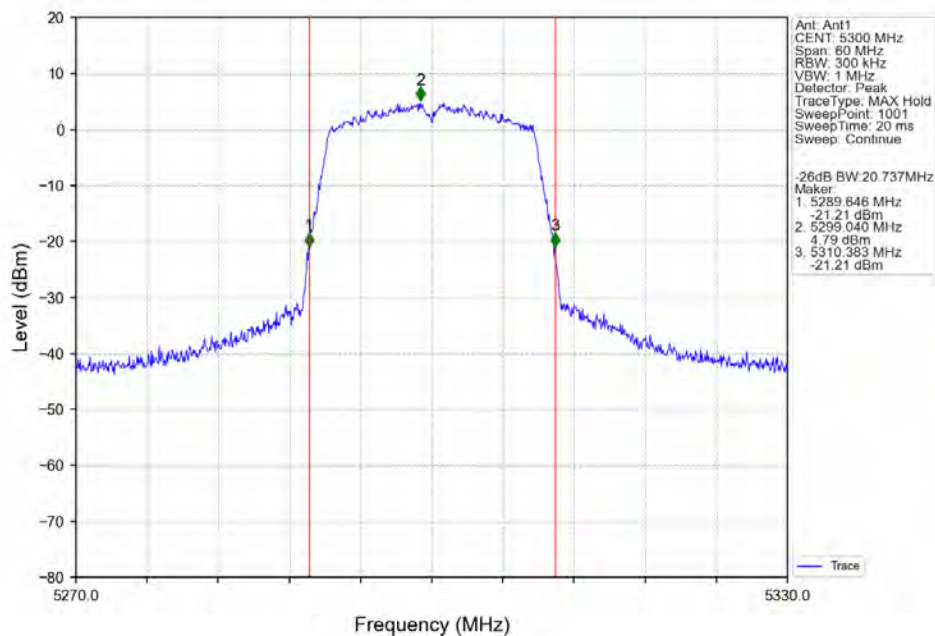
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



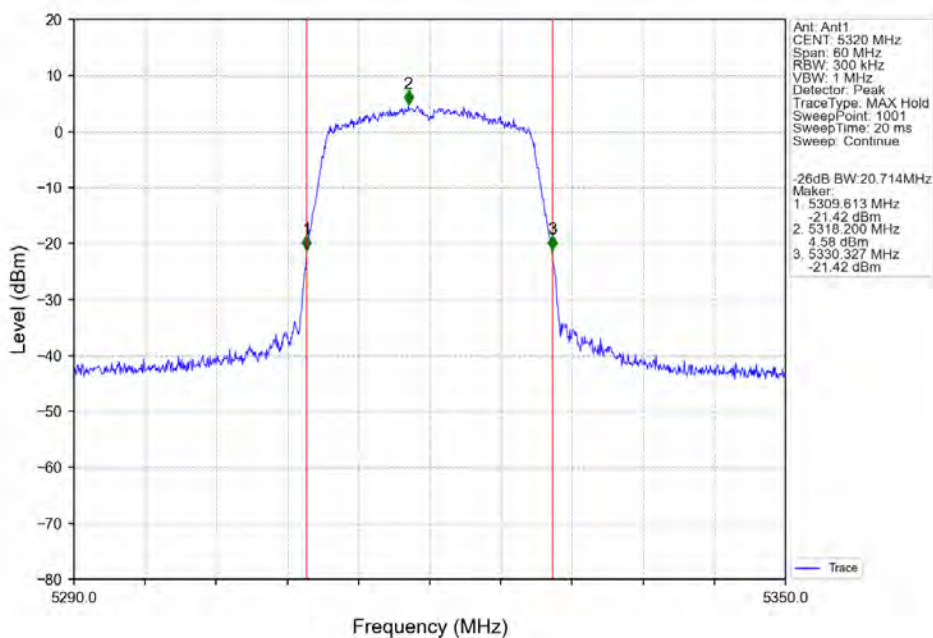
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



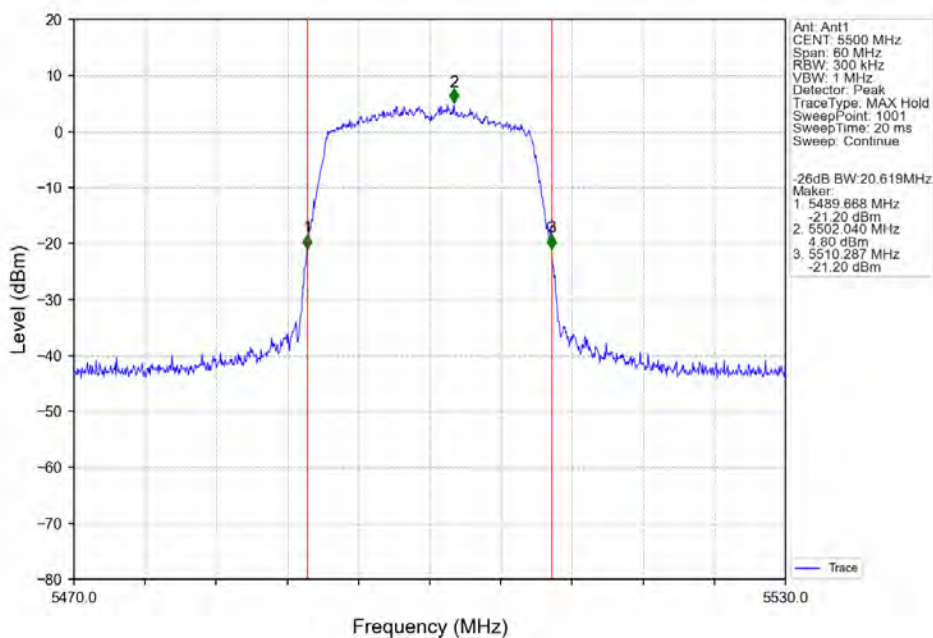
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



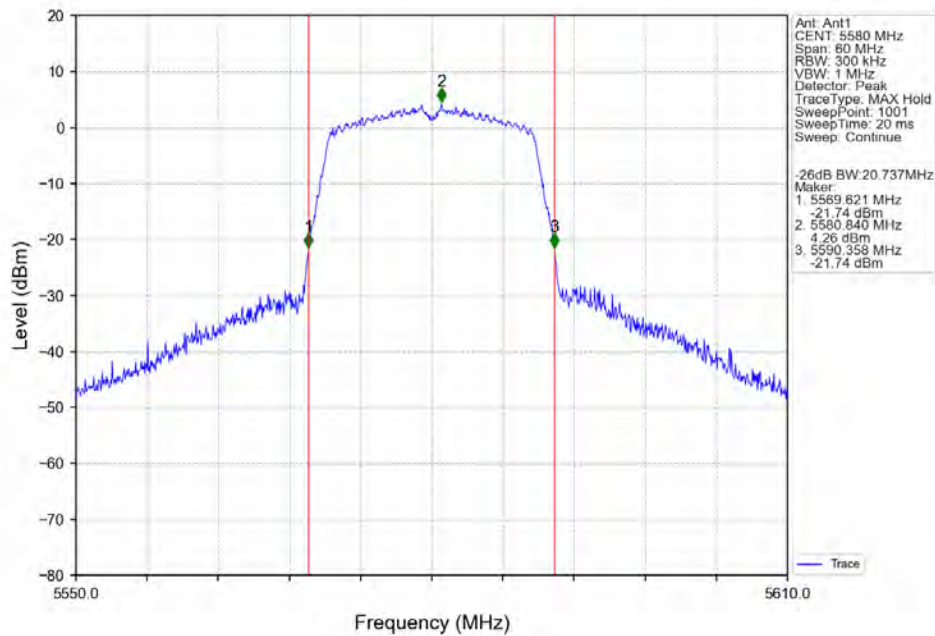
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



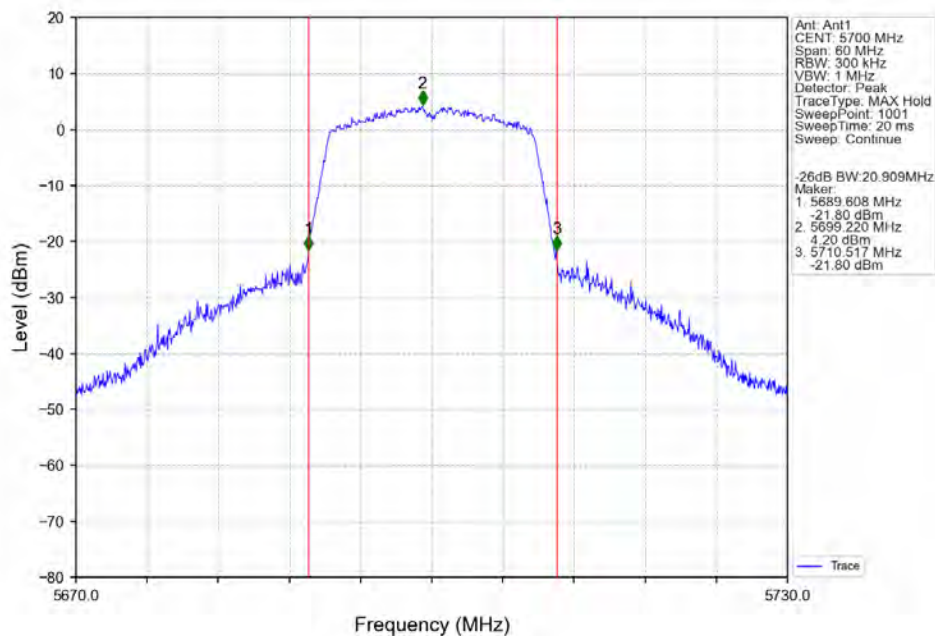
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



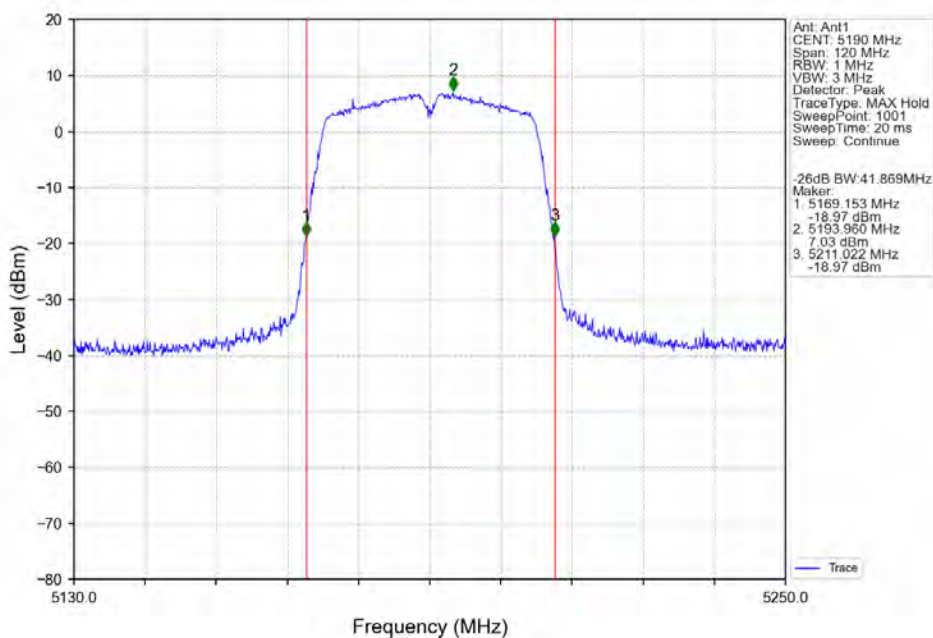
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



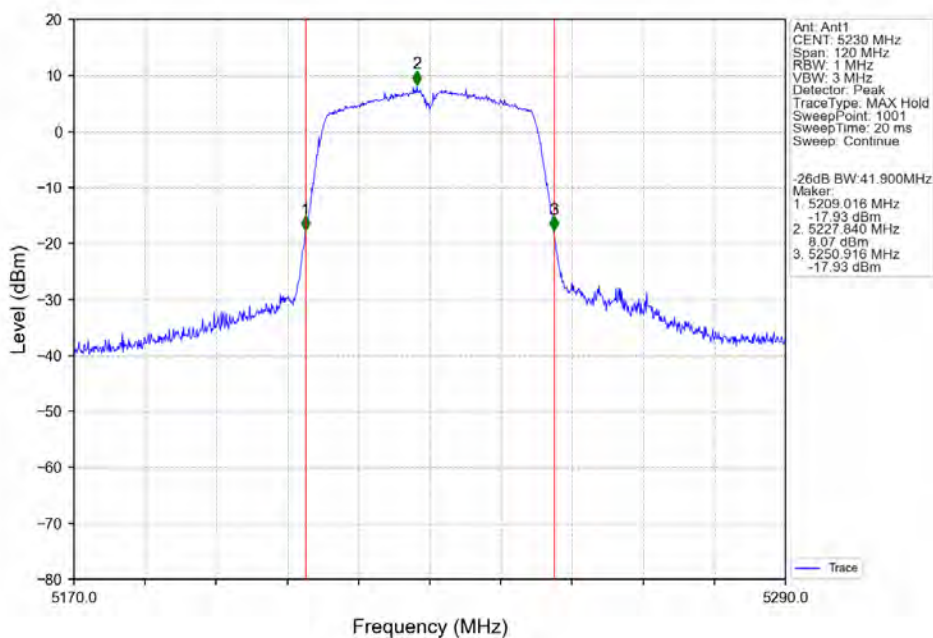
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



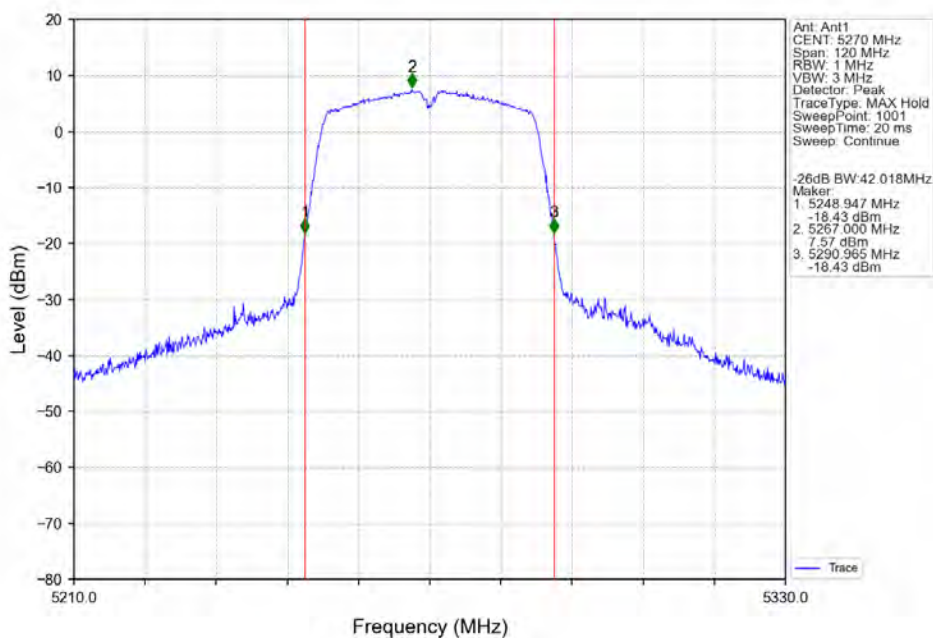
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



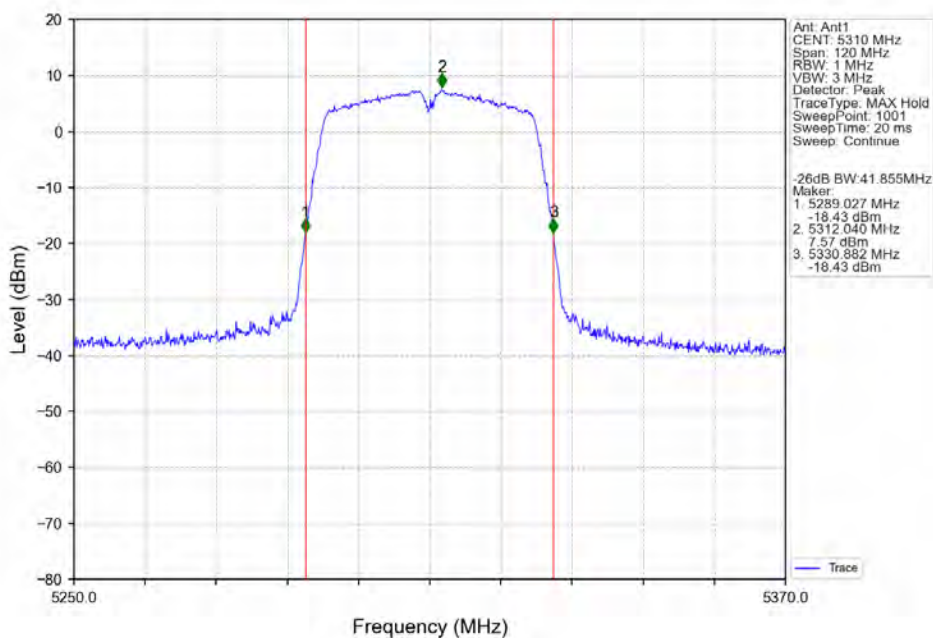
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



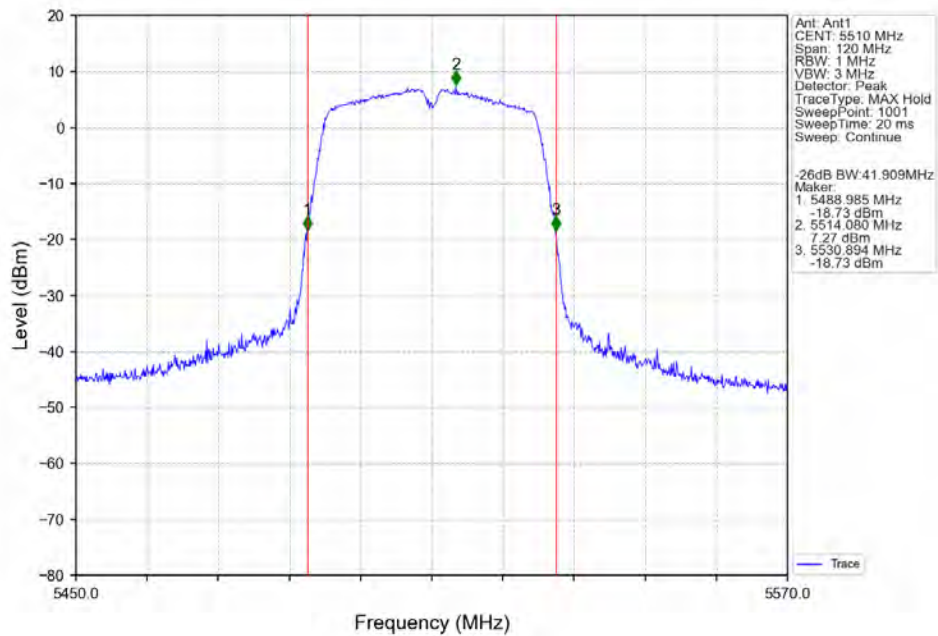
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



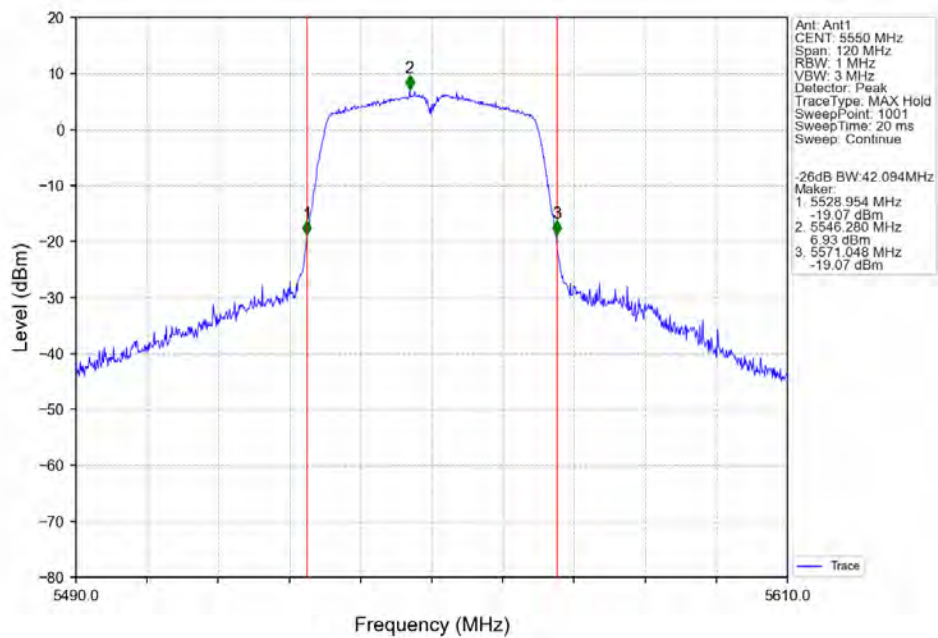
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



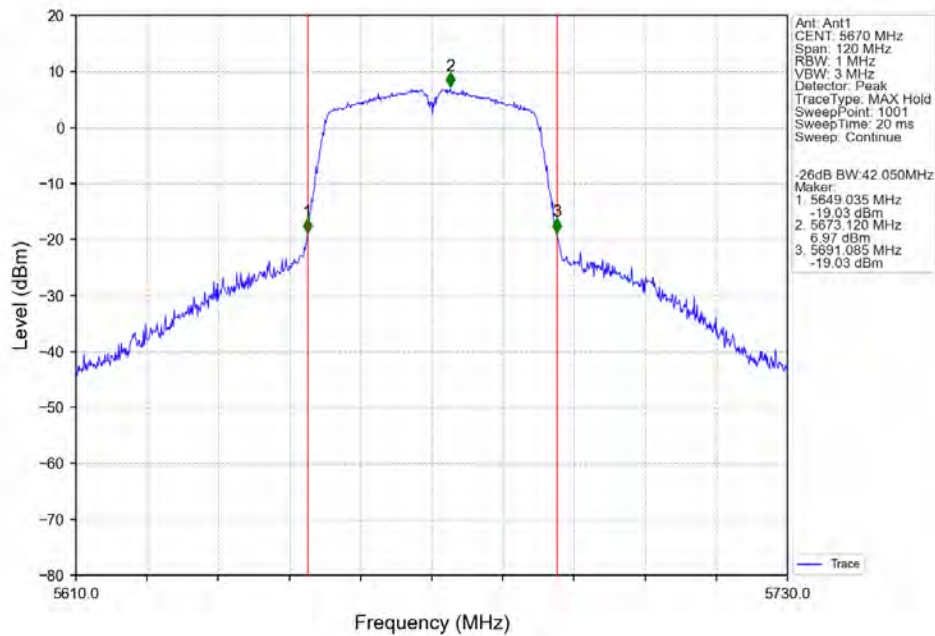
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



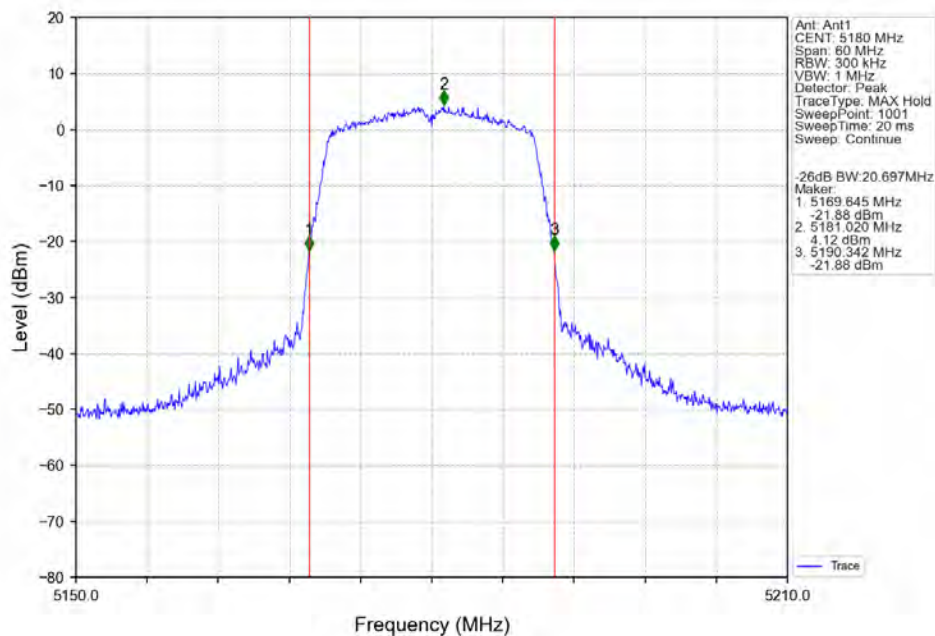
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



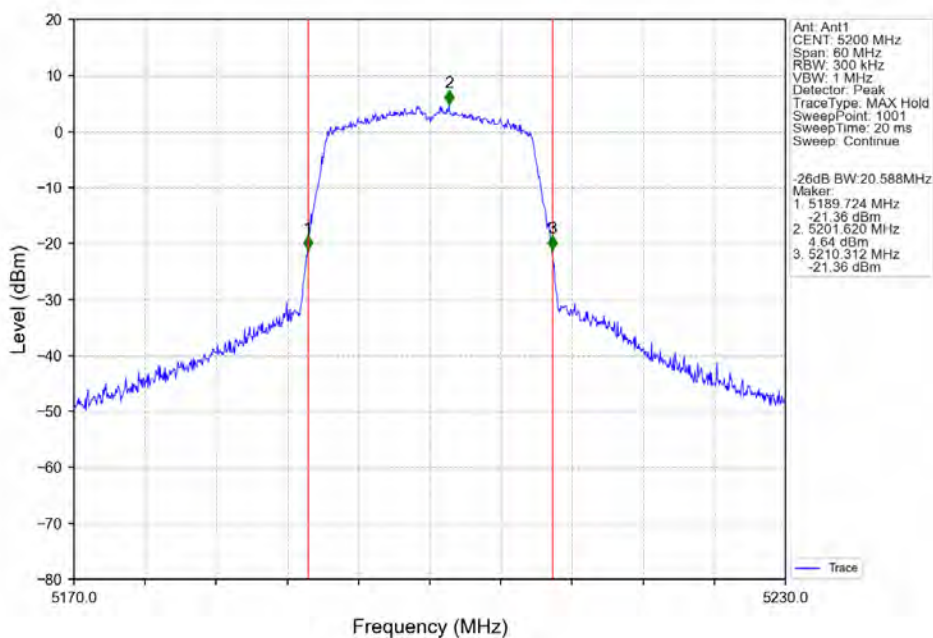
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



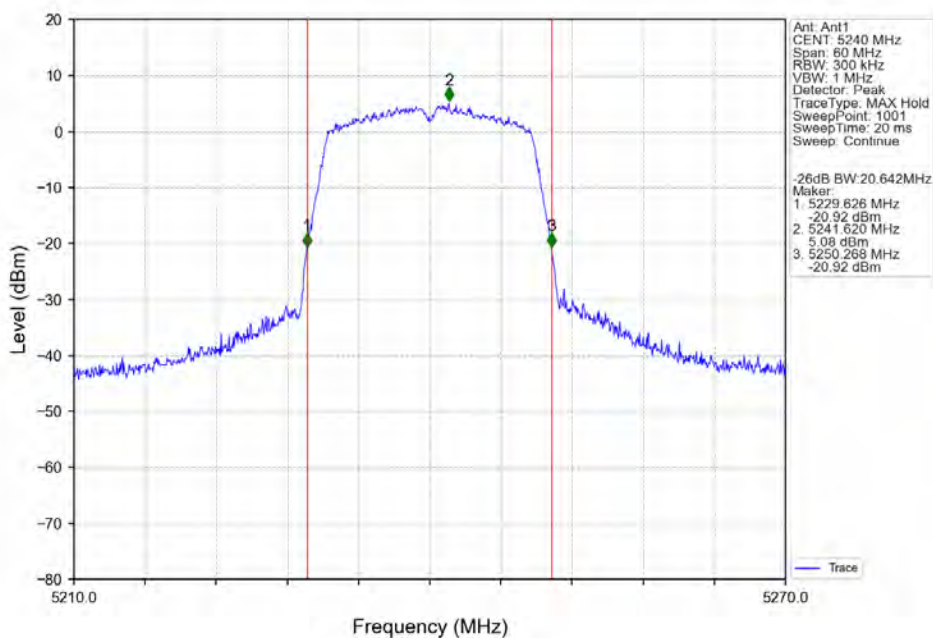
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



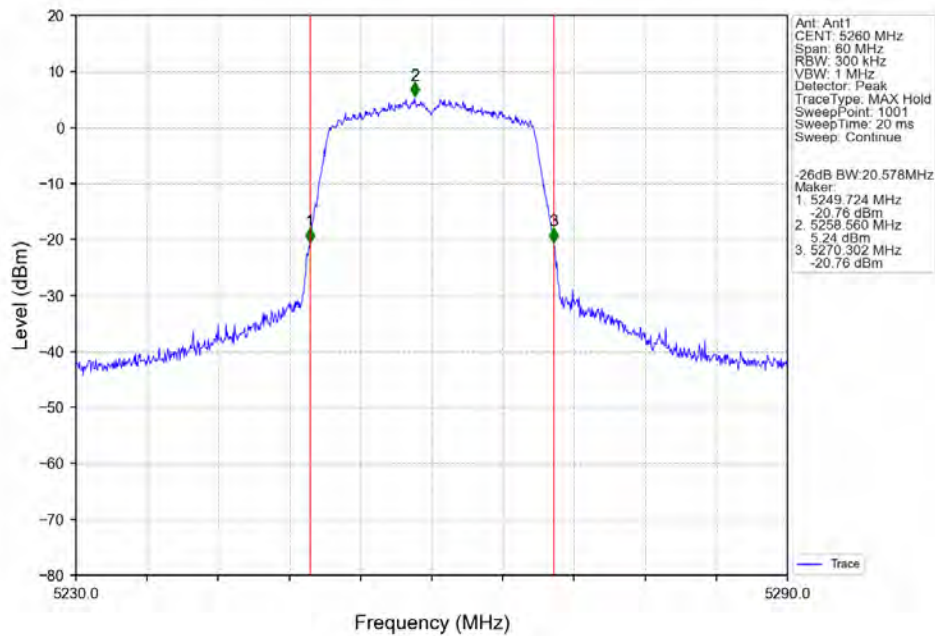
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



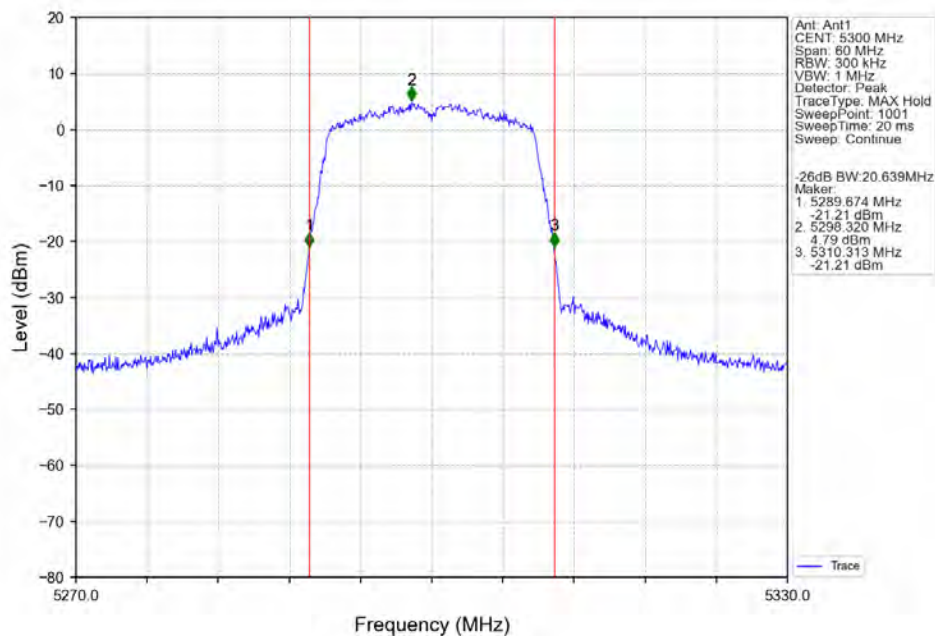
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



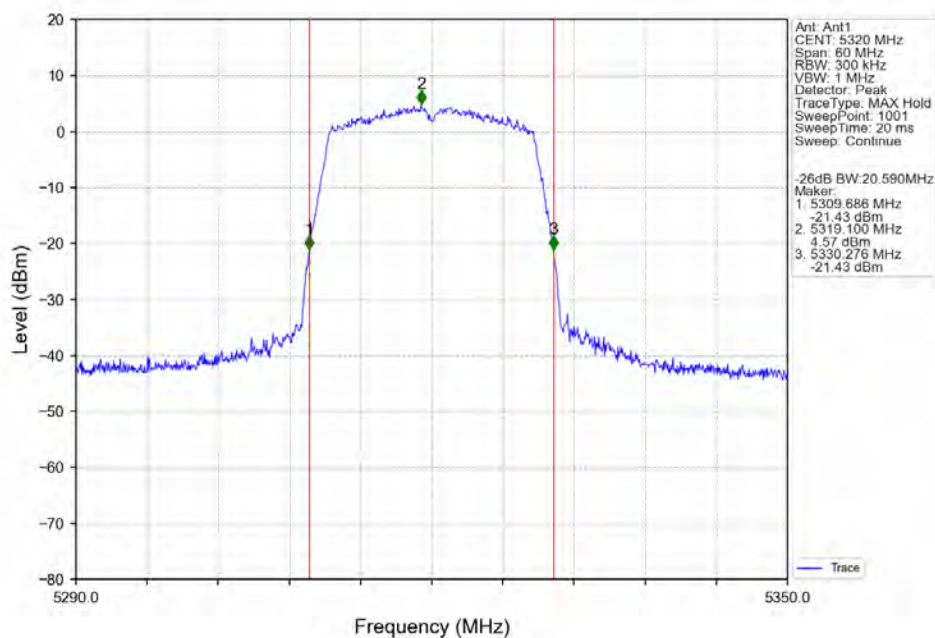
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



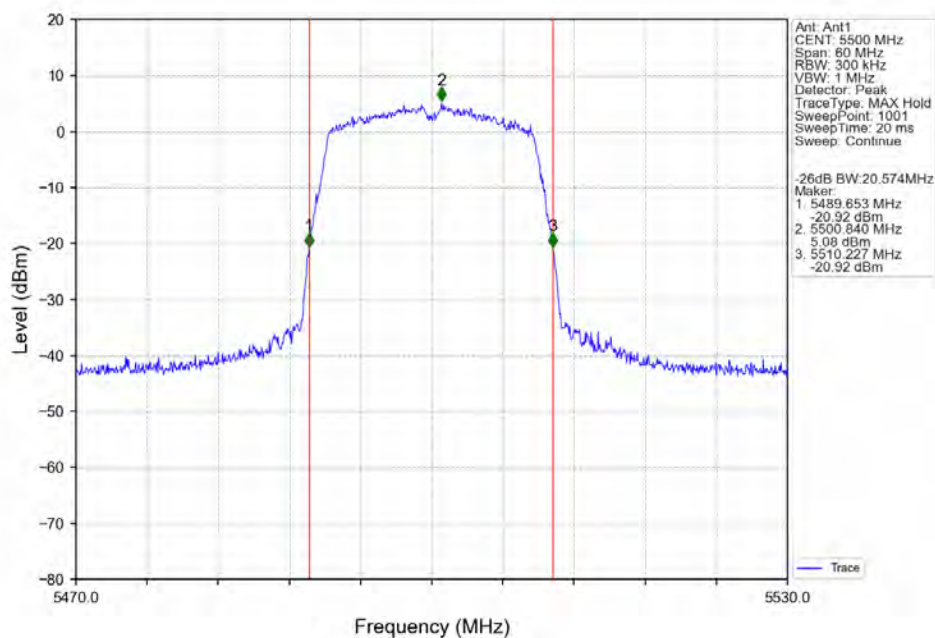
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



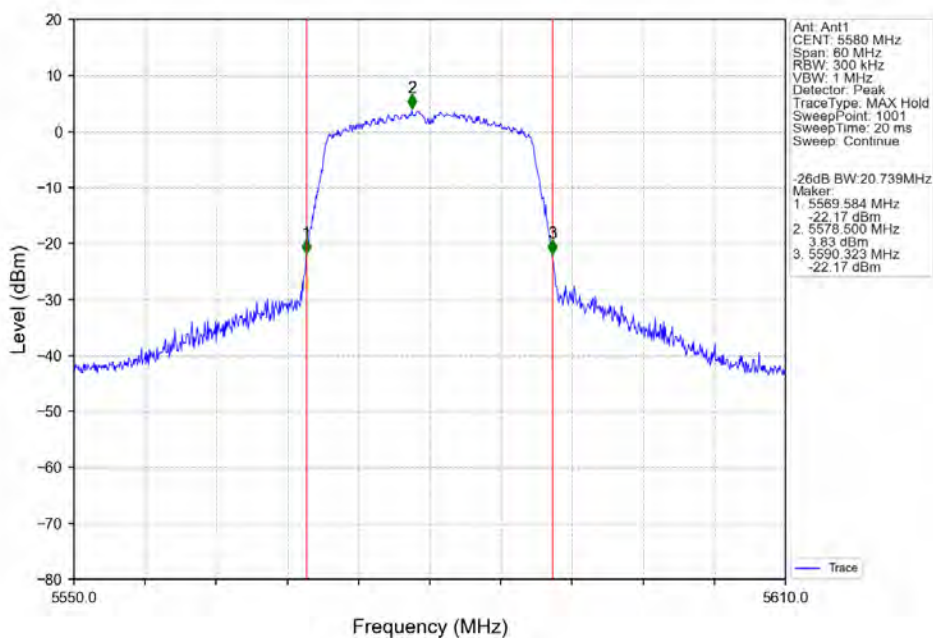
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



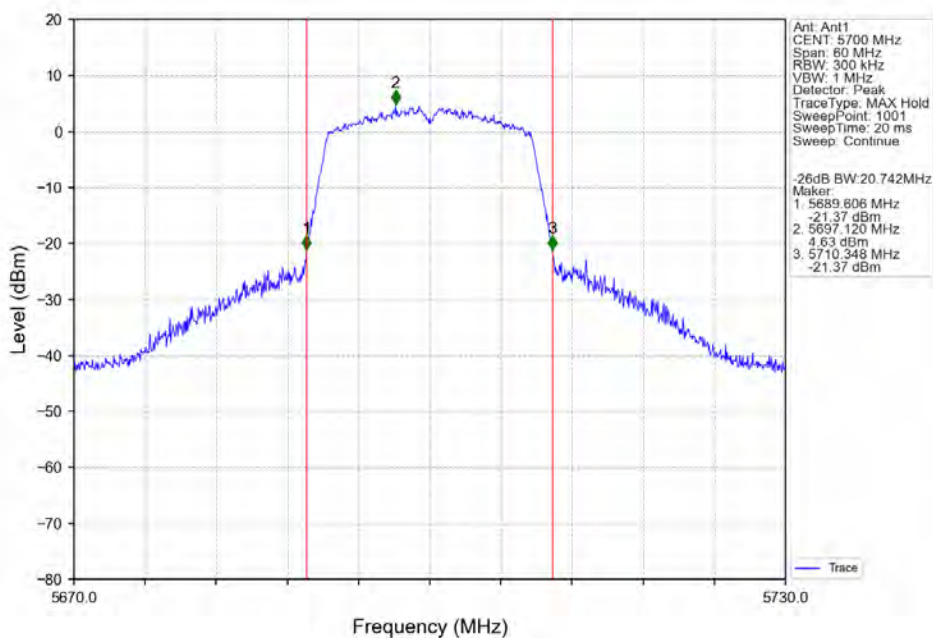
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



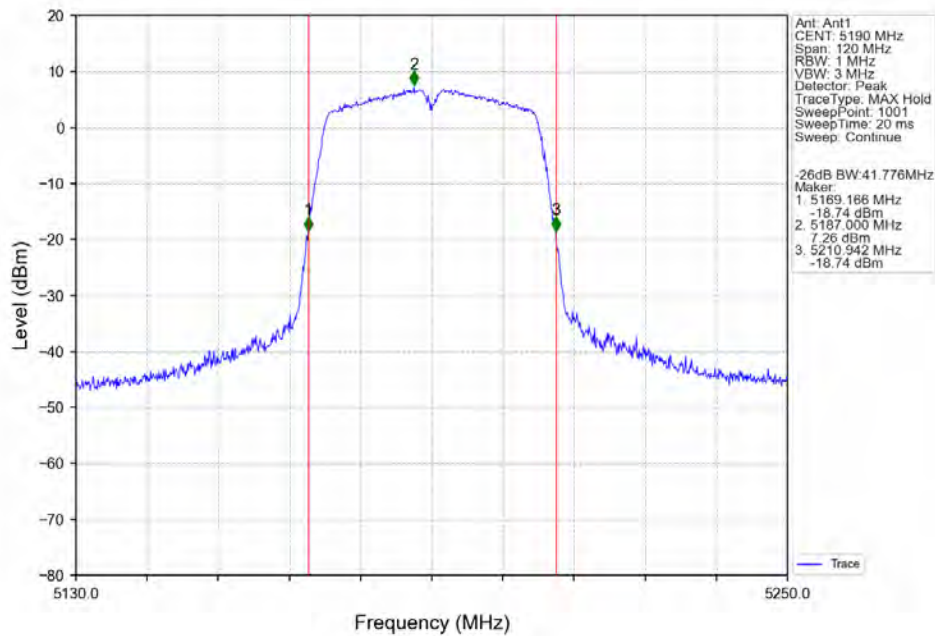
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



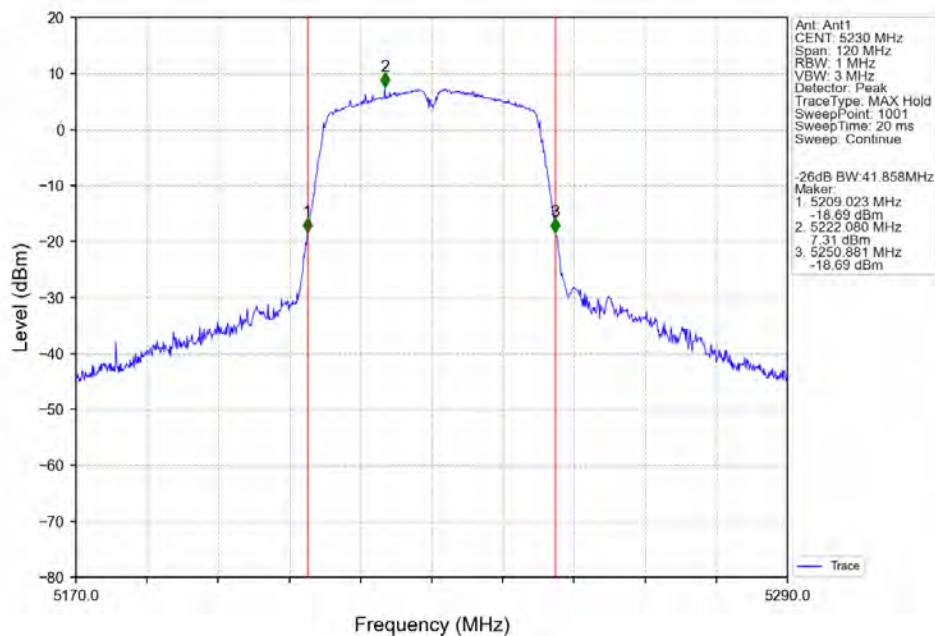
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



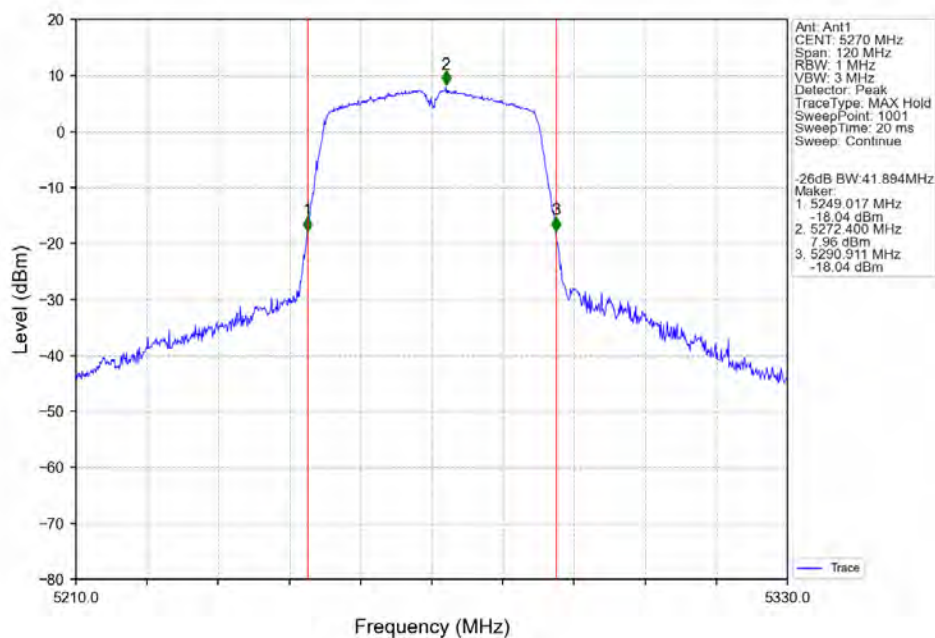
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



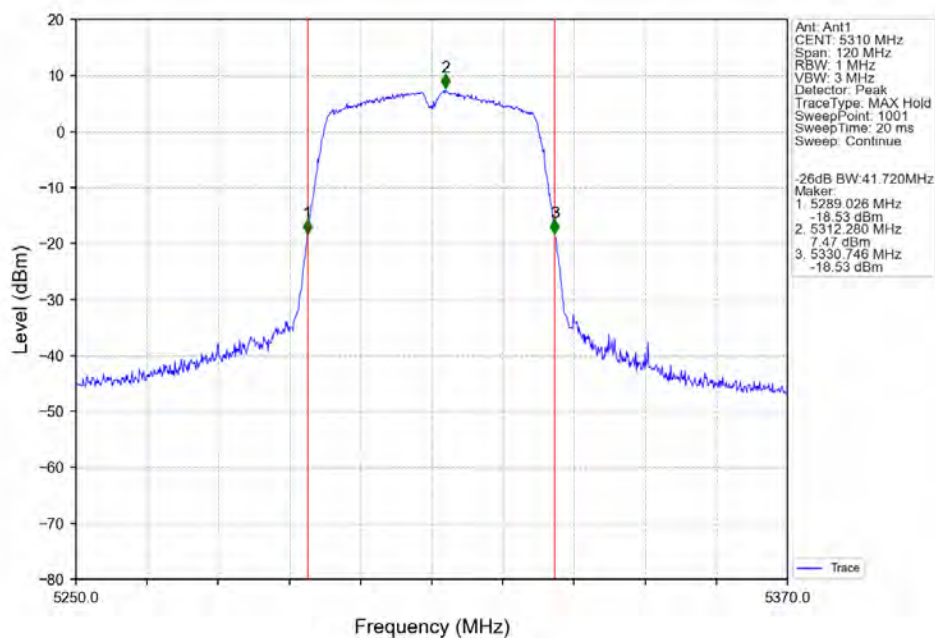
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



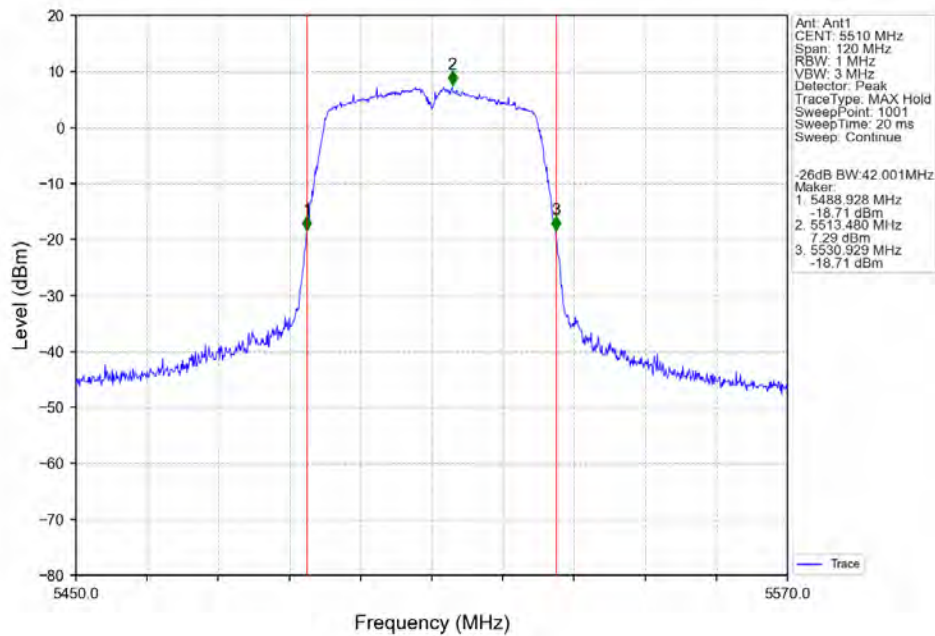
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



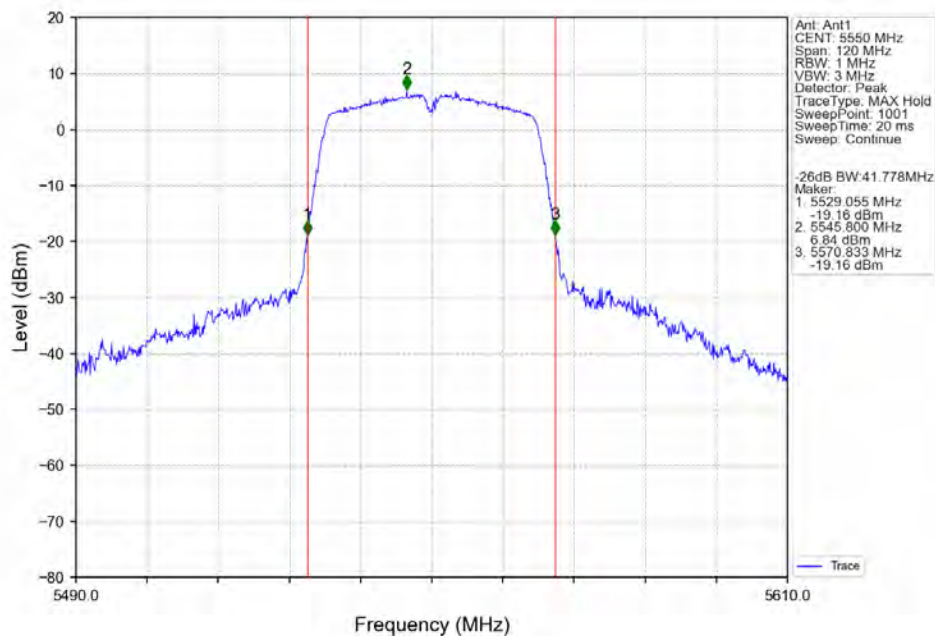
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



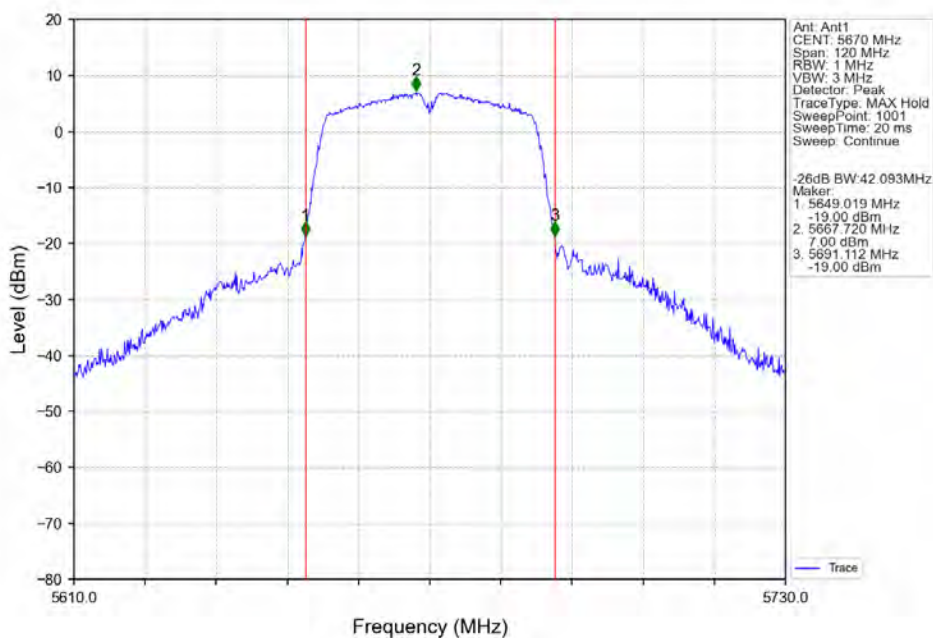
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



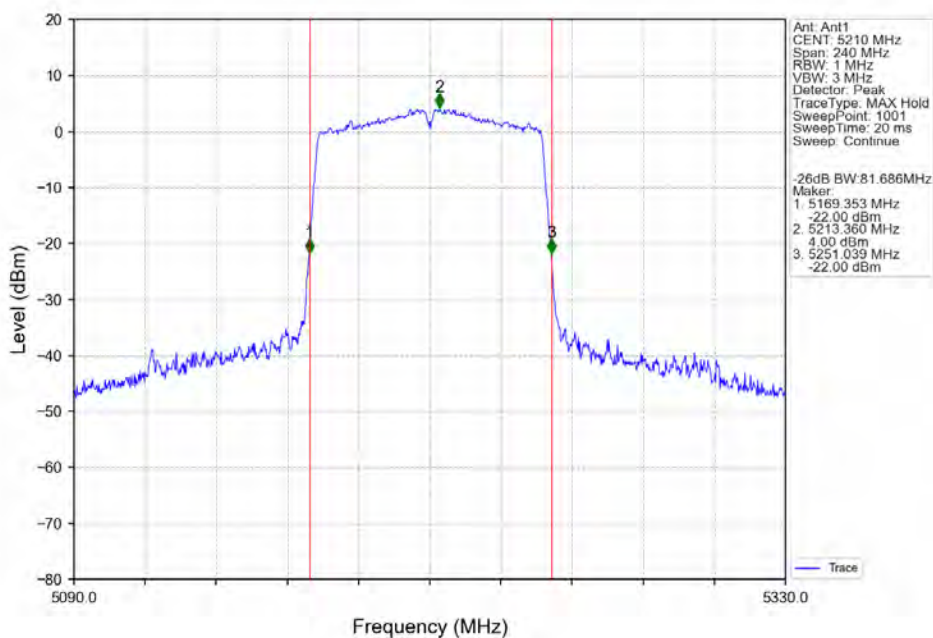
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



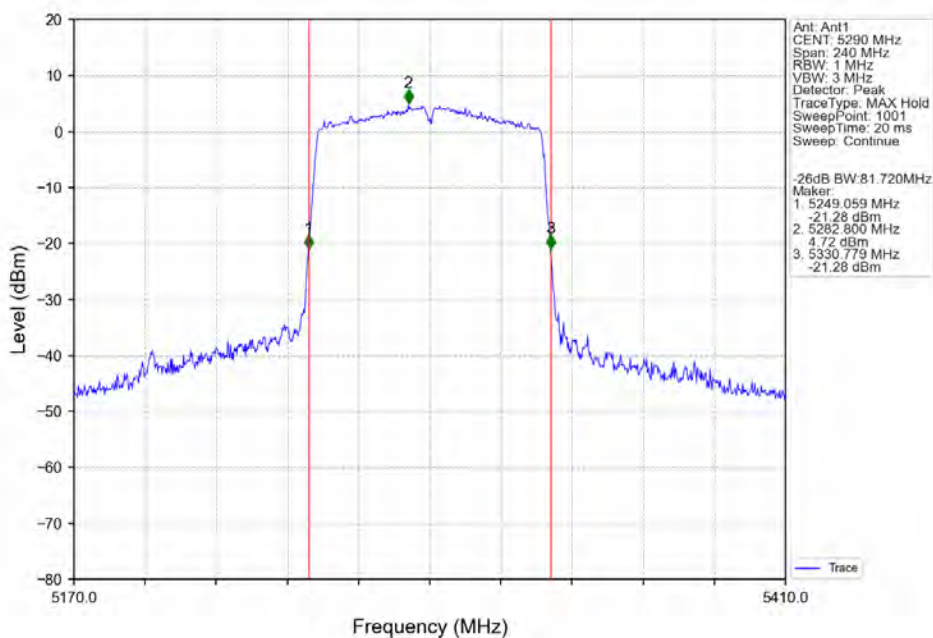
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



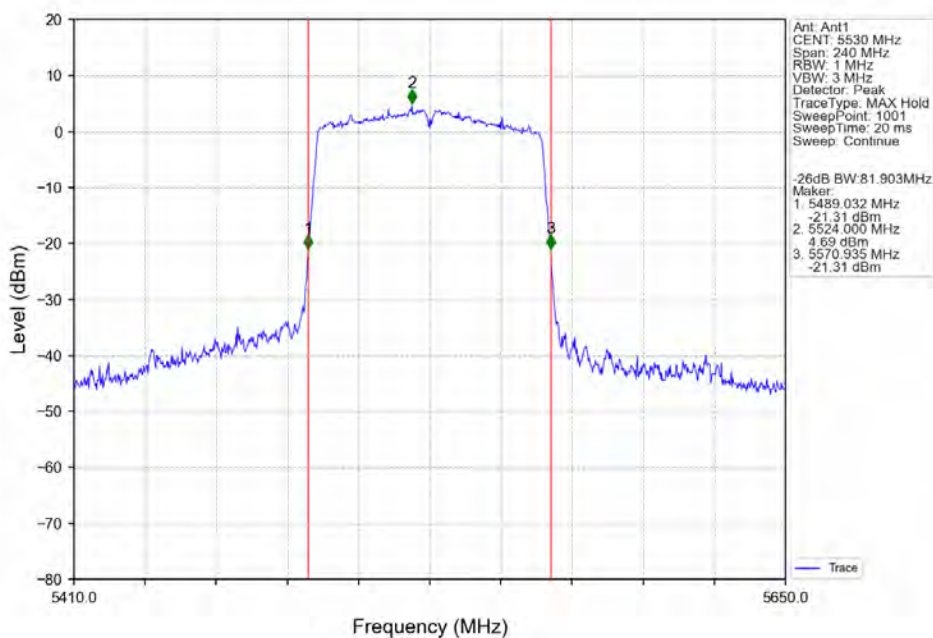
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



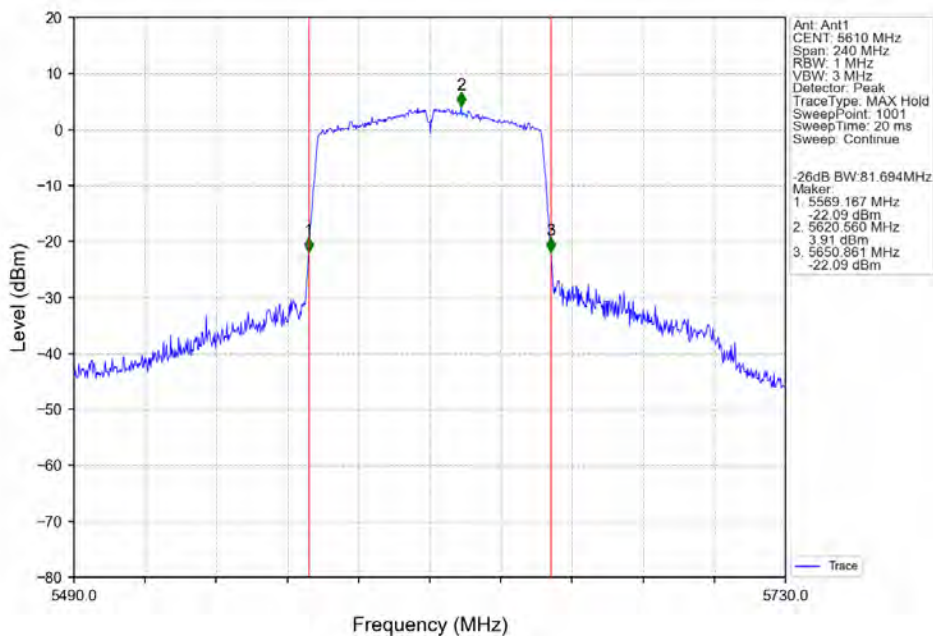
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

For U-NII-1

Test Channel	Frequency (MHz)	Average Output Power (ANT 1)		Average Output Power (ANT 2)		Average Output Power (ANT Total)		Limit (dBm)	
		dBm	mW	dBm	mW	dBm	mW	dBm	mW
802.11a mode									
CH36	5180	11.19	13.15	12.01	15.89	N/A	N/A	24	250
CH40	5200	11.16	13.06	11.71	14.83	N/A	N/A		
CH48	5240	11.78	15.07	12.18	16.52	N/A	N/A		
802.11n20 mode									
CH36	5180	11.26	13.37	11.98	15.78	14.65	29.14	24	250
CH40	5200	11.21	13.21	11.75	14.96	14.50	28.18		
CH48	5240	11.88	15.42	12.27	16.87	15.09	32.28		
802.11ac20 mode									
CH36	5180	11.21	13.21	11.96	15.70	14.61	28.92	24	250
CH40	5200	11.26	13.37	11.78	15.07	14.54	28.43		
CH48	5240	11.85	15.31	12.32	17.06	15.10	32.37		
802.11n40 mode									
CH38	5190	11.33	13.58	12.05	16.03	14.72	29.62	24	250
CH46	5230	11.80	11.54	12.39	17.34	15.12	32.47		
802.11ac40 mode									
CH38	5190	11.36	13.68	12.10	16.22	14.76	29.9	24	250
CH46	5230	11.72	14.86	12.40	17.38	15.08	32.24		
802.11ac80 mode									
CH42	5210	11.48	14.06	12.14	16.37	14.83	30.43	24	250

For U-NII-2a

Test Channel	Frequency (MHz)	Average Output Power (ANT 1)		Average Output Power (ANT 2)		Average Output Power (ANT Total)		Limit (dBm)	
		dBm	mW	dBm	mW	dBm	mW	dBm	mW
802.11a mode									
CH52	5260	11.85	15.31	12.21	16.63	N/A	N/A	24	250
CH60	5300	11.72	14.86	12.26	16.83	N/A	N/A		
CH64	5320	11.57	14.35	12.19	16.56	N/A	N/A		
802.11n20 mode									
CH52	5260	11.74	14.93	12.30	16.98	15.04	31.91	24	250
CH60	5300	11.83	15.24	12.23	16.71	15.04	31.95		
CH64	5320	11.72	14.86	12.28	16.90	15.02	31.76		
802.11ac20 mode									
CH52	5260	11.88	15.42	12.33	17.10	15.12	32.52	24	250
CH60	5300	11.88	15.42	12.26	16.83	15.08	32.24		
CH64	5320	11.77	15.03	12.24	16.75	15.02	31.78		
802.11n40 mode									
CH54	5270	11.86	15.35	12.56	18.03	15.23	33.38	24	250
CH62	5310	11.92	15.56	12.33	17.10	15.14	32.66		
802.11ac40 mode									
CH54	5270	12.00	15.85	12.63	18.32	15.34	34.17	24	250
CH62	5310	11.79	15.10	12.39	17.34	15.11	32.44		
802.11ac80 mode									
CH58	5290	11.82	15.21	12.33	17.10	15.09	32.31	24	250

For U-NII-2c

Test Channel	Frequency (MHz)	Average Output Power (ANT 1)		Average Output Power (ANT 2)		Average Output Power (ANT Total)		Limit (dBm)	
		dBm	mW	dBm	mW	dBm	mW	dBm	mW
802.11a mode									
CH100	5500	11.34	13.61	12.17	16.48	N/A	N/A	24	250
CH116	5580	10.49	11.19	11.17	13.09	N/A	N/A		
CH140	5700	11.16	13.06	12.02	15.92	N/A	N/A		
802.11n20 mode									
CH100	5500	11.61	14.49	12.15	16.41	14.90	30.89	24	250
CH116	5580	10.51	11.25	11.07	12.79	13.81	24.04		
CH140	5700	11.11	12.91	11.92	15.56	14.54	28.47		
802.11ac20 mode									
CH100	5500	11.73	14.89	12.17	16.48	14.97	31.38	24	250
CH116	5580	10.63	11.56	11.10	12.88	13.88	24.44		
CH140	5700	11.31	13.52	11.84	15.28	14.59	28.80		
802.11n40 mode									
CH102	5510	11.51	14.16	12.13	16.33	14.84	30.49	24	250
CH110	5550	10.81	12.05	11.55	14.29	14.21	26.34		
CH134	5670	11.29	13.46	12.17	16.48	14.76	29.94		
802.11ac40 mode									
CH102	5510	11.58	14.39	12.27	16.87	14.95	31.25	24	250
CH110	5550	10.96	12.47	11.58	14.39	14.29	26.86		
CH134	5670	11.46	14.00	12.28	16.90	14.90	30.90		
802.11ac80 mode									
CH106	5530	11.29	13.46	11.77	15.03	14.55	28.49	24	250
CH122	5610	11.15	13.03	11.85	15.31	14.52	28.34		

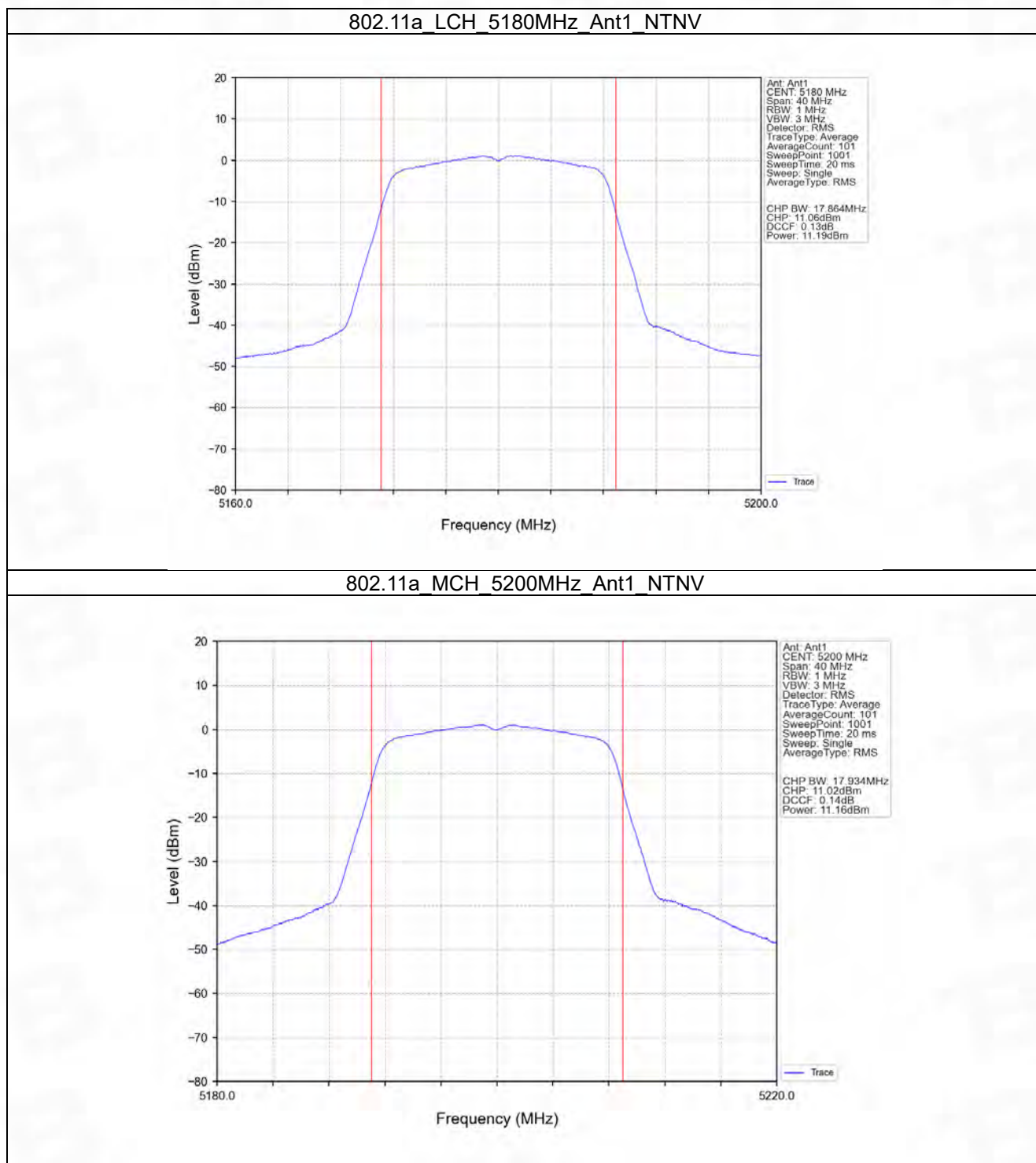
For U-NII-3

Test Channel	Frequency (MHz)	Average Output Power (ANT 1)		Average Output Power (ANT 2)		Average Output Power (ANT Total)		Limit (dBm)	
		dBm	mW	dBm	mW	dBm	mW	dBm	mW
802.11a mode									
CH149	5745	11.23	13.27	11.76	15.00	N/A	N/A	30	1000
CH157	5785	11.91	15.52	12.14	16.37	N/A	N/A		
CH165	5825	12.14	16.37	12.58	18.11	N/A	N/A		
802.11n20 mode									
CH149	5745	11.04	12.71	11.57	14.35	14.32	27.06	30	1000
CH157	5785	11.61	14.49	12.04	16.00	14.84	30.48		
CH165	5825	12.12	16.29	12.46	17.62	15.30	33.91		
802.11ac20 mode									
CH149	5745	11.32	13.55	11.71	14.83	14.53	28.38	30	1000
CH157	5785	11.83	15.24	12.24	16.75	15.05	31.99		
CH165	5825	12.29	16.9	12.67	18.49	15.49	35.44		
802.11n40 mode									
CH151	5755	11.36	13.68	11.78	15.07	14.59	28.74	30	1000
CH159	5795	11.98	15.78	12.27	16.87	15.14	32.64		
802.11ac40 mode									
CH151	5755	11.32	13.55	12.02	15.92	14.69	29.47	30	1000
CH159	5795	12.03	15.96	12.49	17.74	15.28	33.70		
802.11ac80 mode									
CH155	5775	11.71	14.83	12.10	16.22	14.92	31.04	30	1000

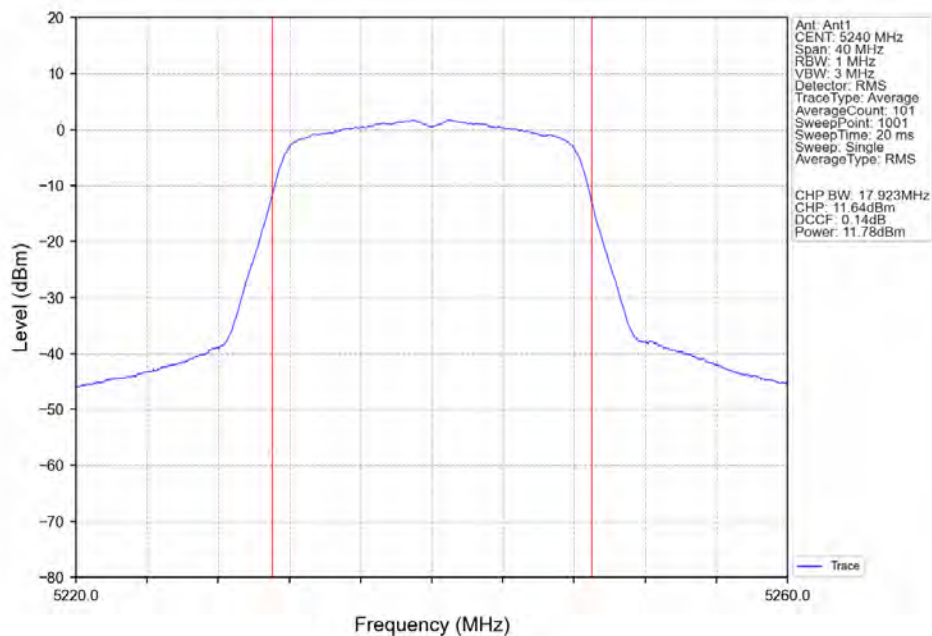
3.2 Test Graph

3.2.1 Power

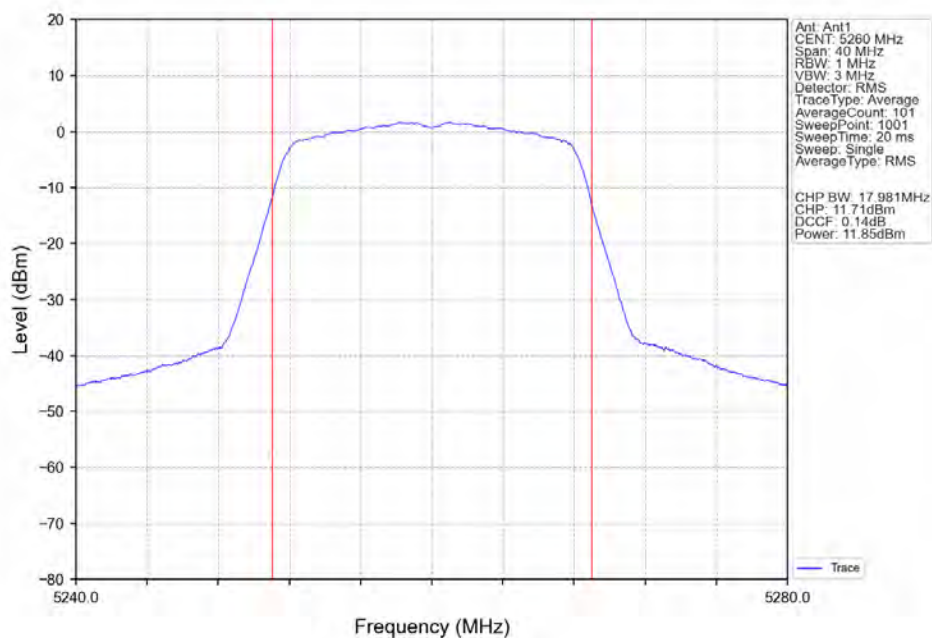
ANT1



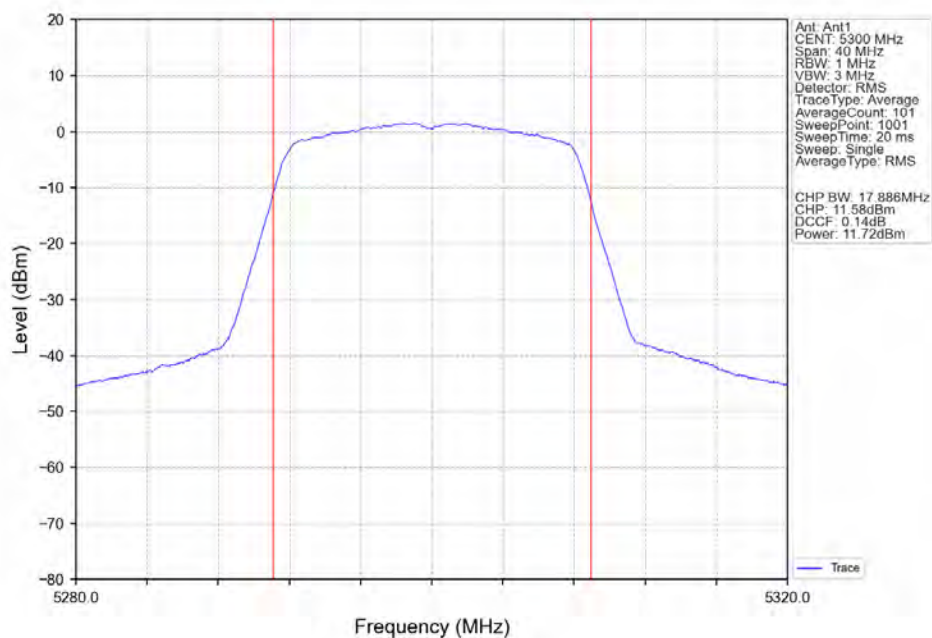
802.11a_HCH_5240MHz_Ant1_NTNV



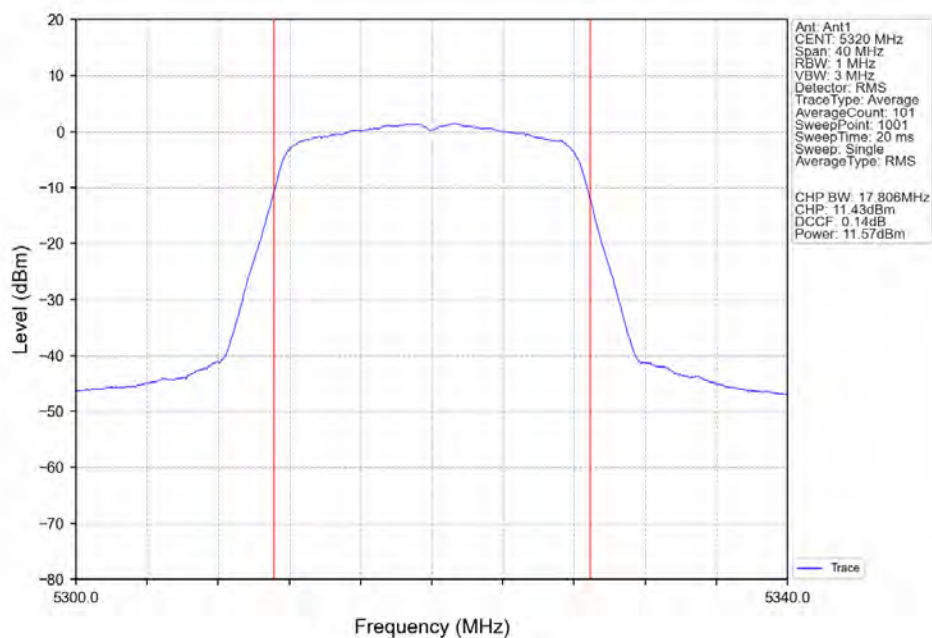
802.11a_LCH_5260MHz_Ant1_NTNV



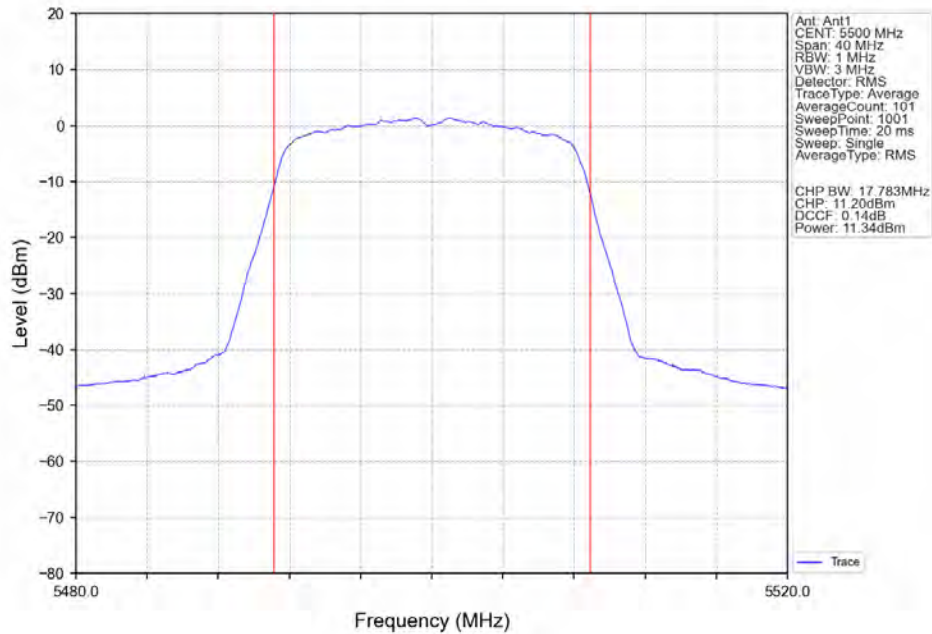
802.11a_MCH_5300MHz_Ant1_NTNV



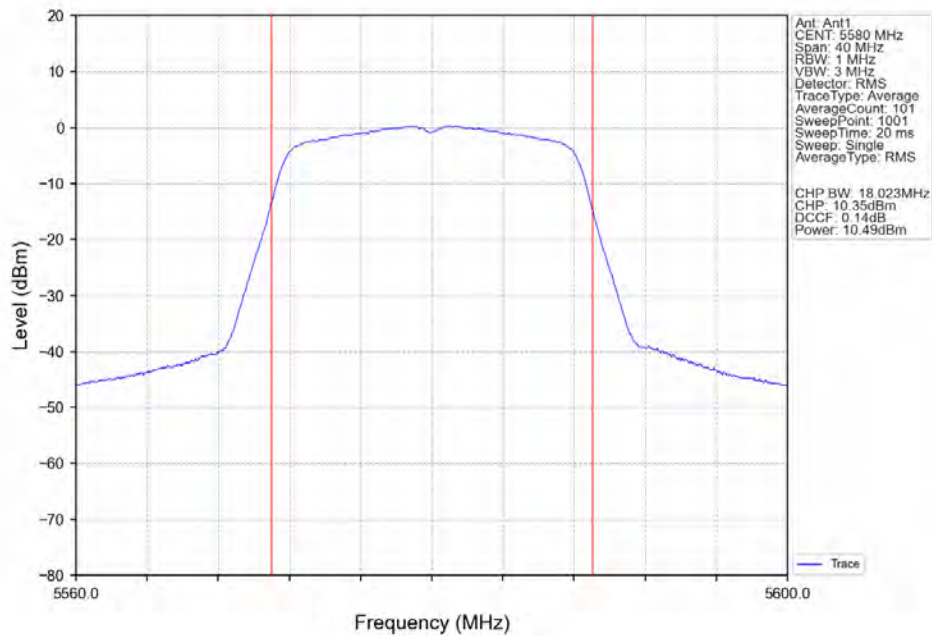
802.11a_HCH_5320MHz_Ant1_NTNV



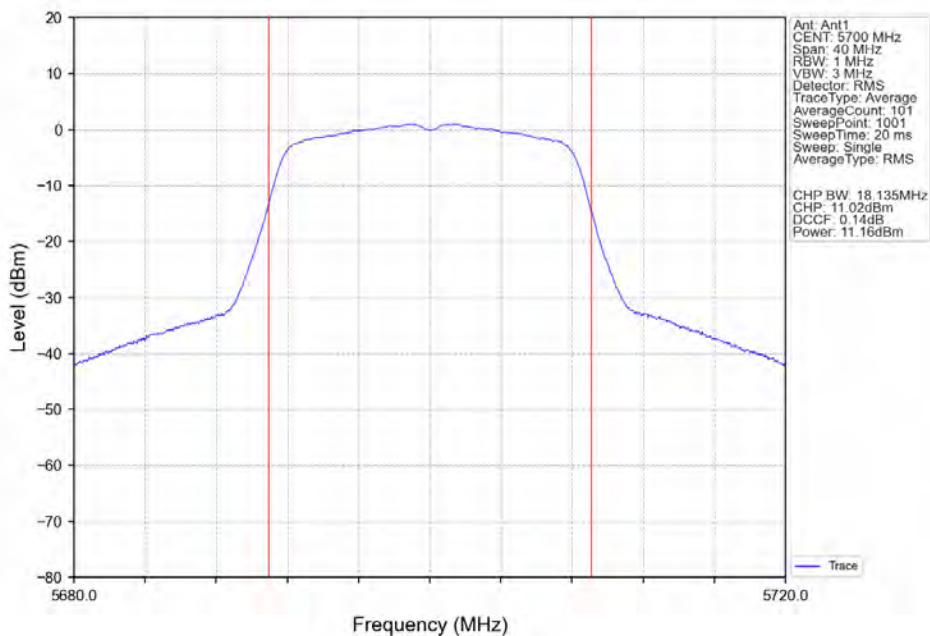
802.11a_LCH_5500MHz_Ant1_NTNV



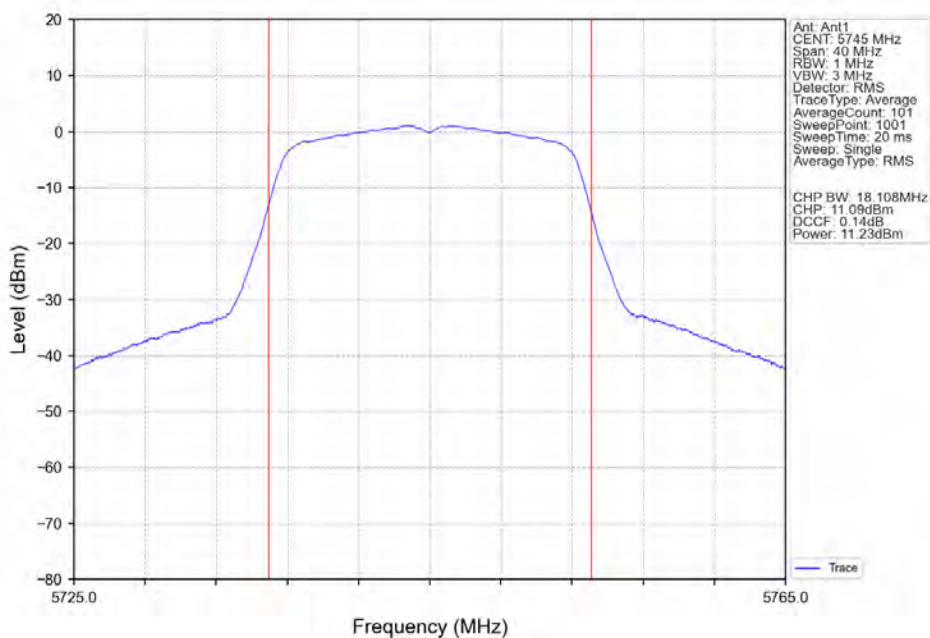
802.11a_MCH_5580MHz_Ant1_NTNV



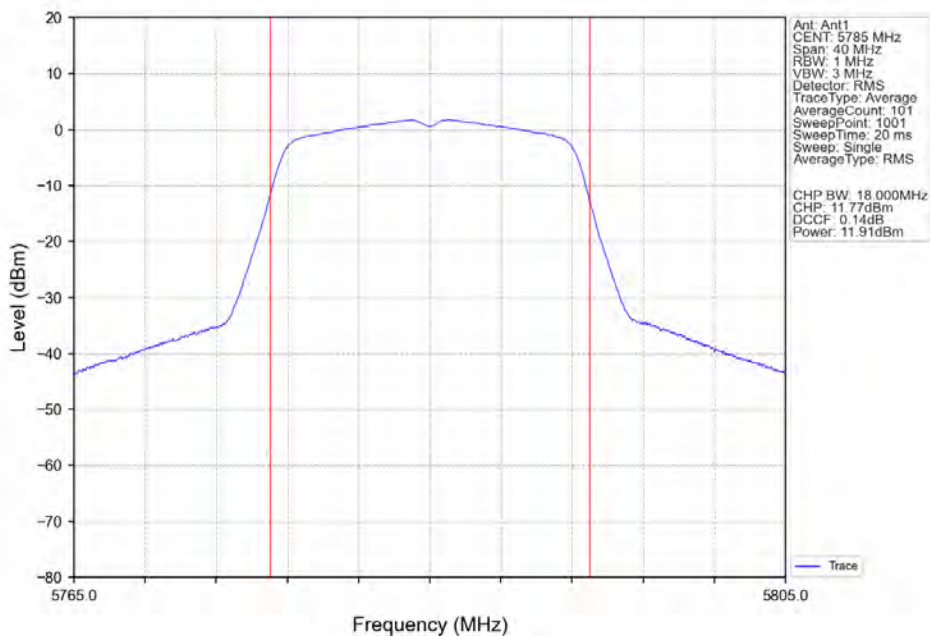
802.11a_HCH_5700MHz_Ant1_NTNV



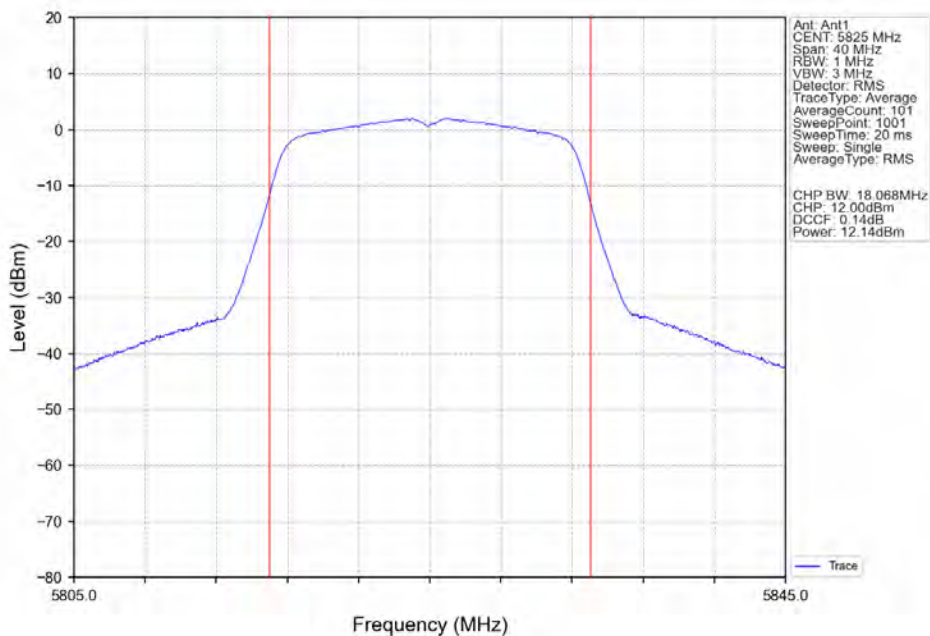
802.11a_LCH_5745MHz_Ant1_NTNV



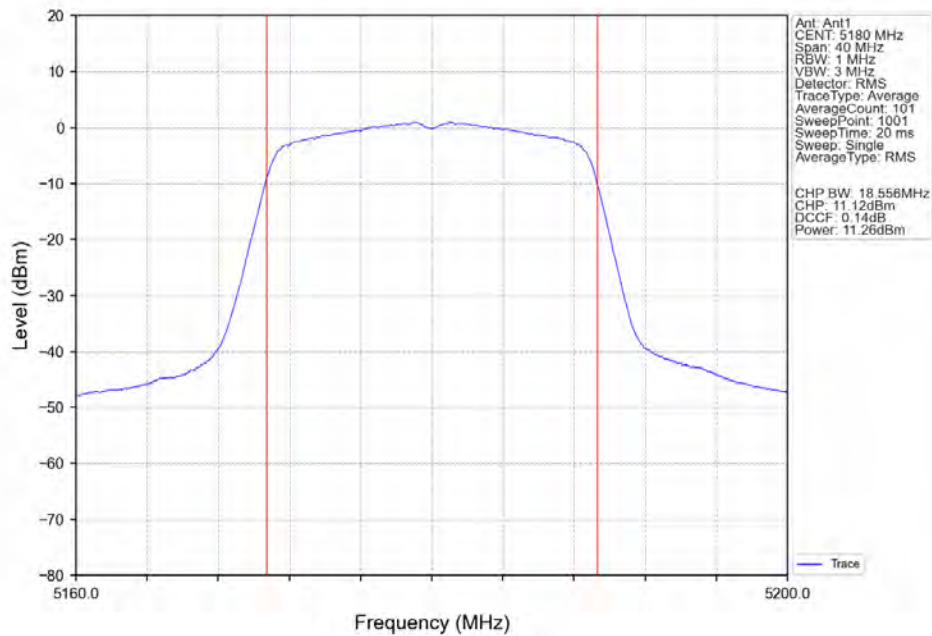
802.11a_MCH_5785MHz_Ant1_NTNV



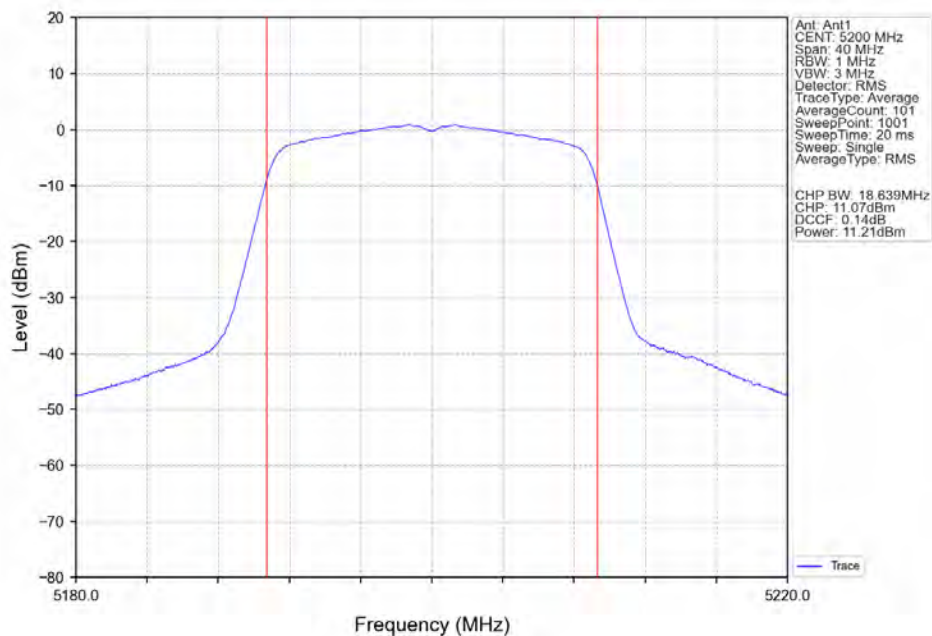
802.11a_HCH_5825MHz_Ant1_NTNV



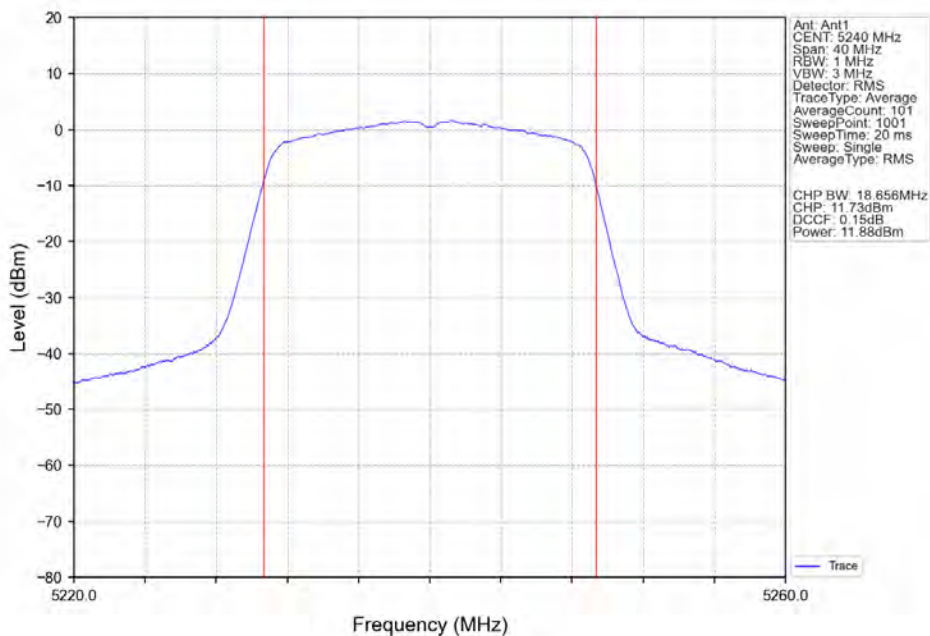
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



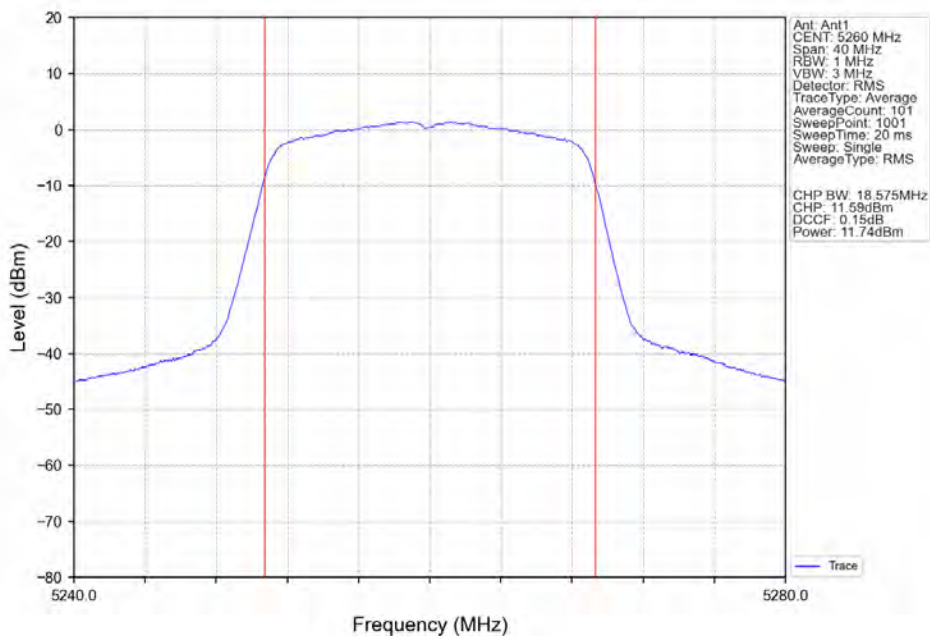
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



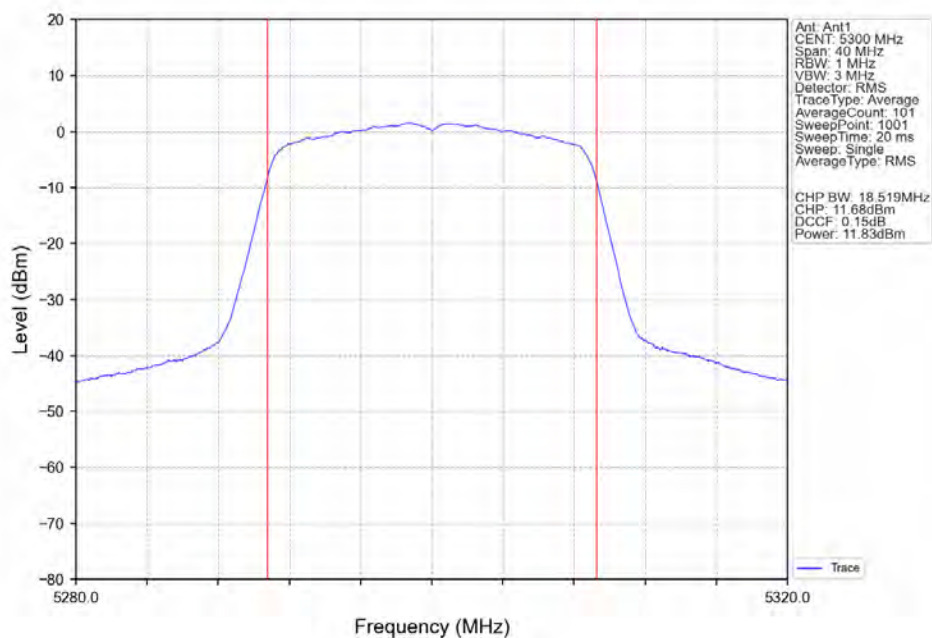
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



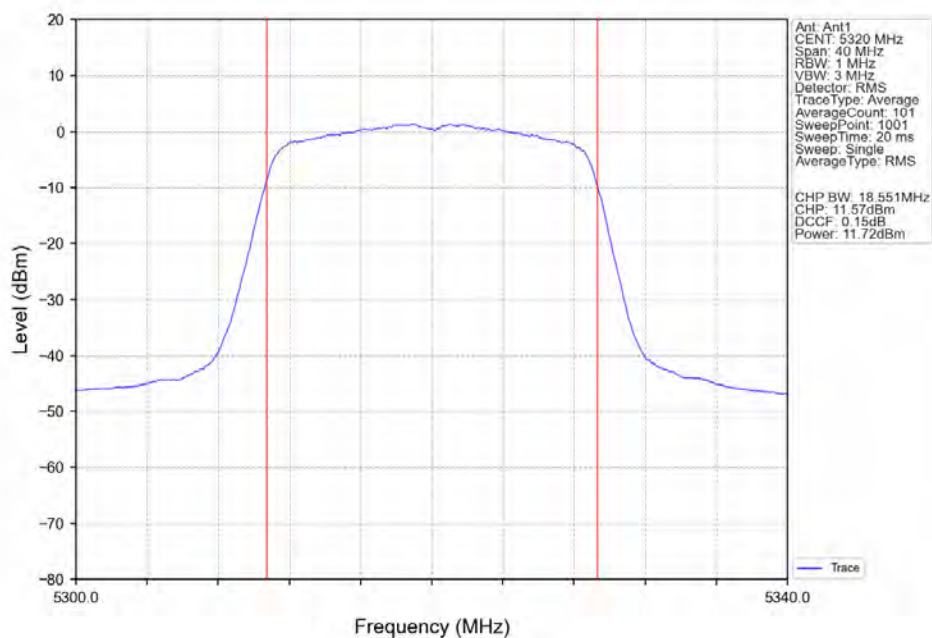
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



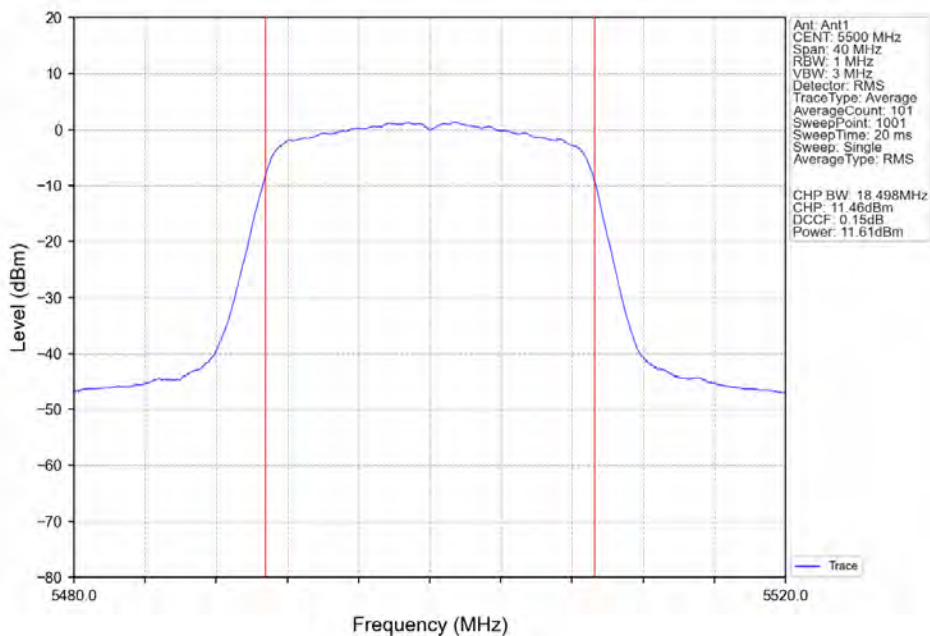
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



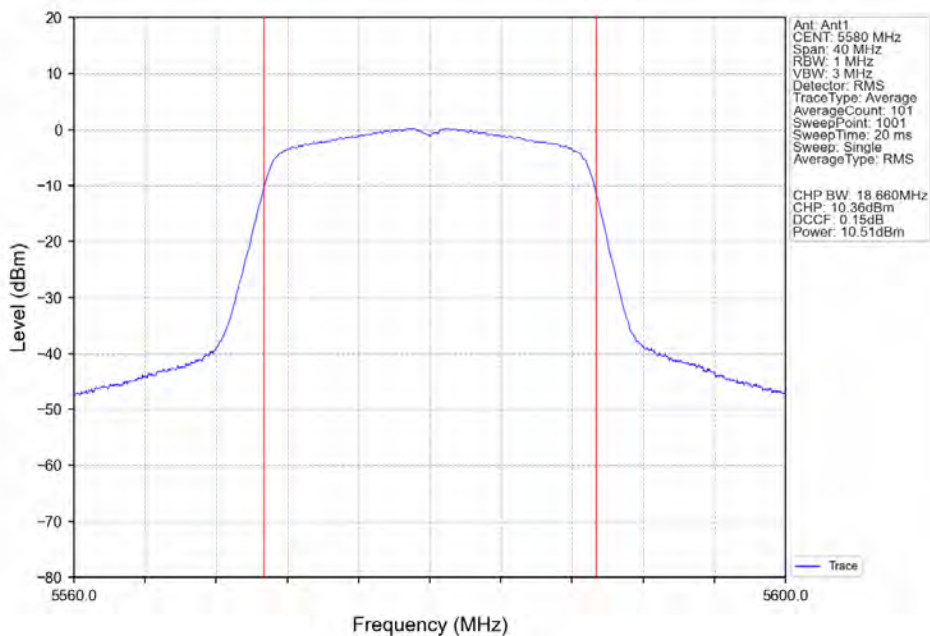
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



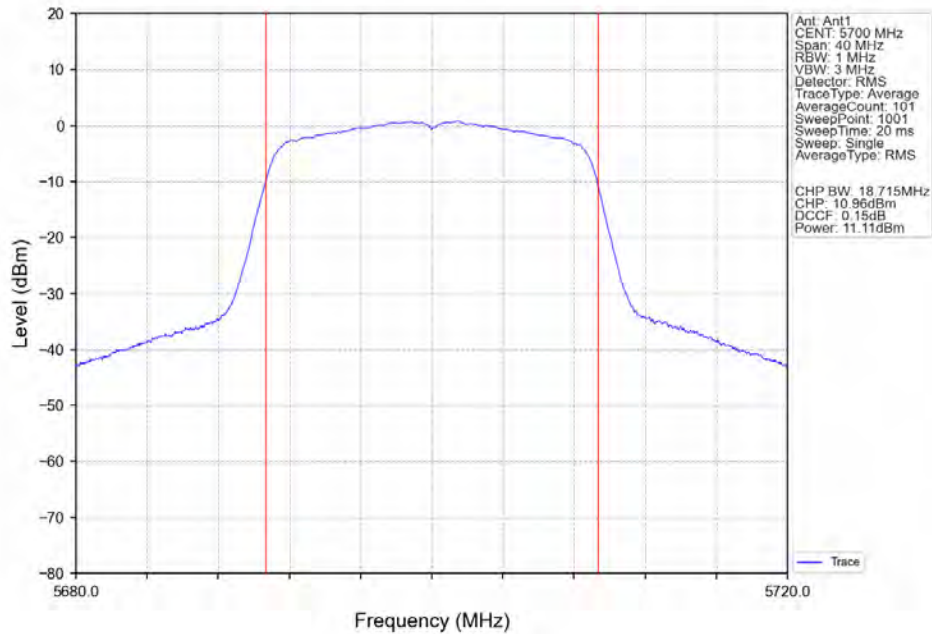
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



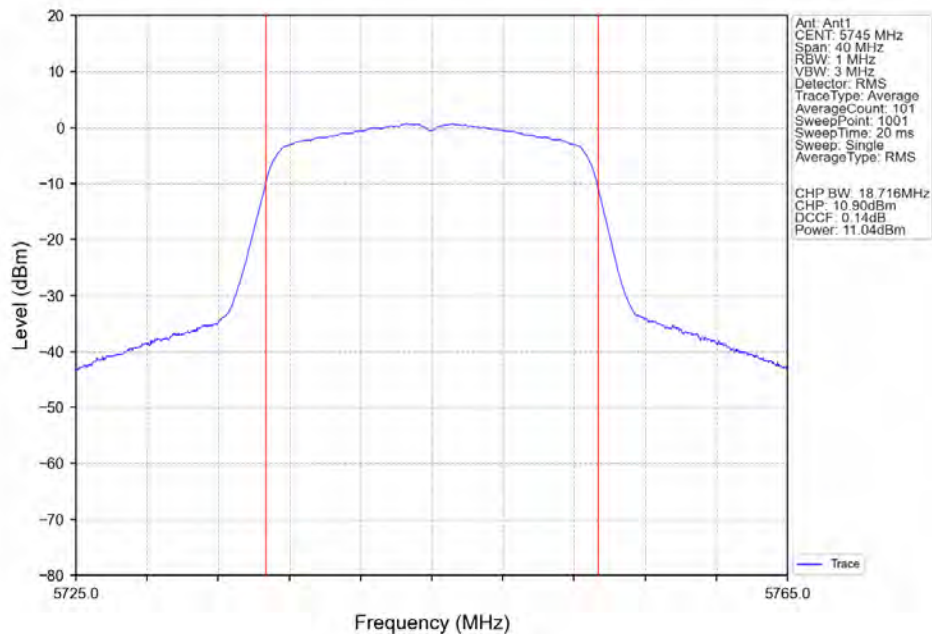
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



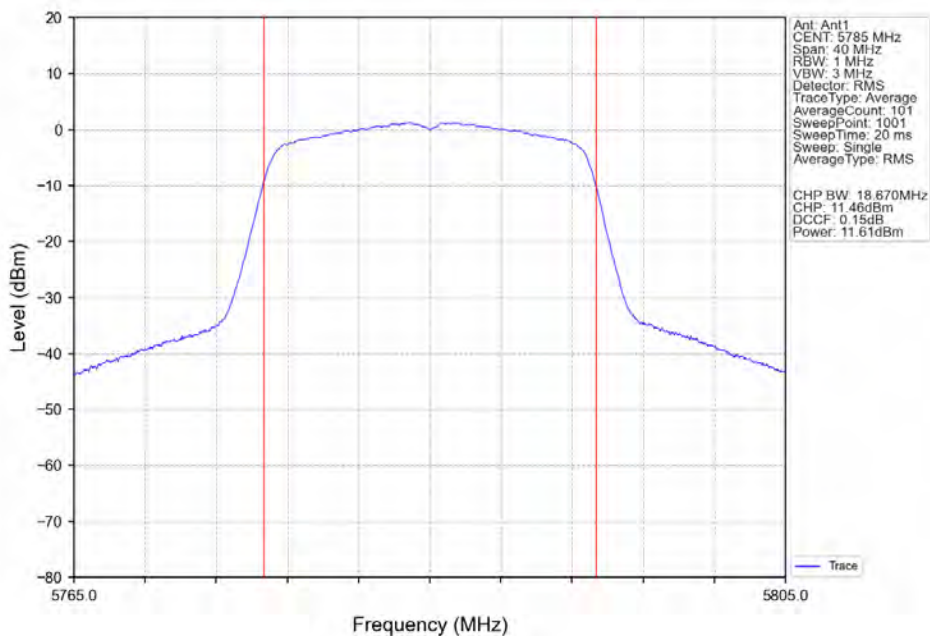
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



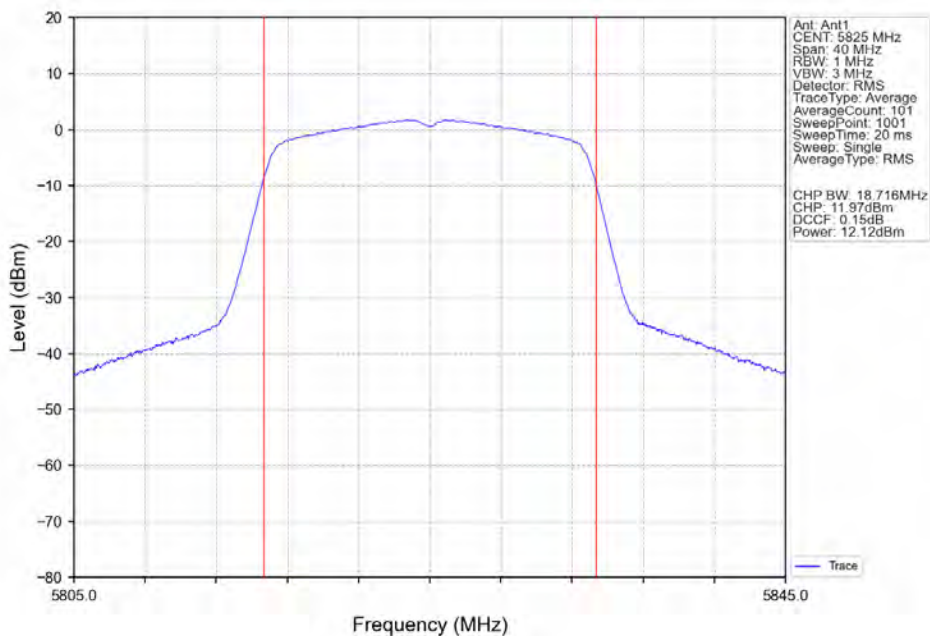
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



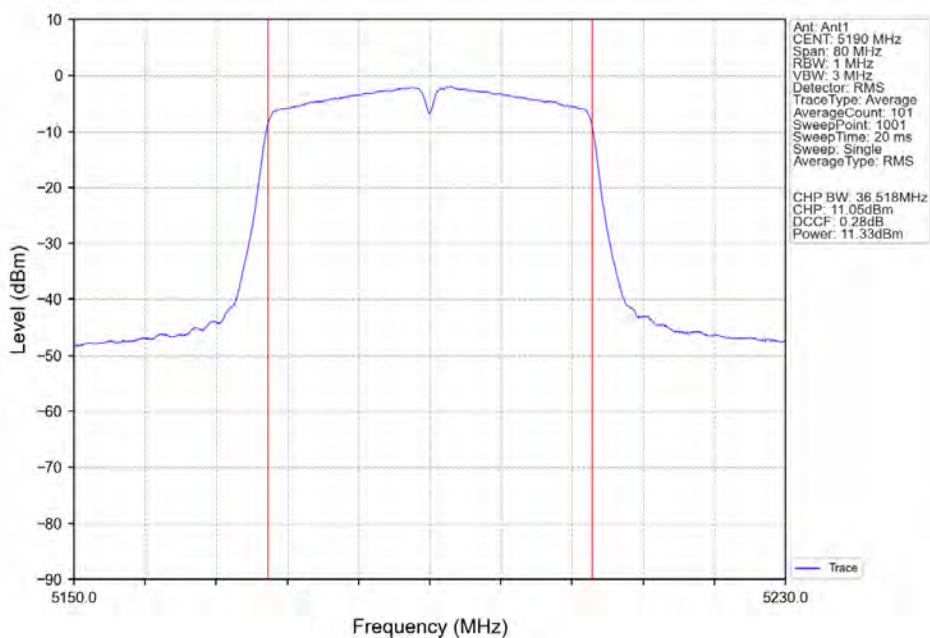
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



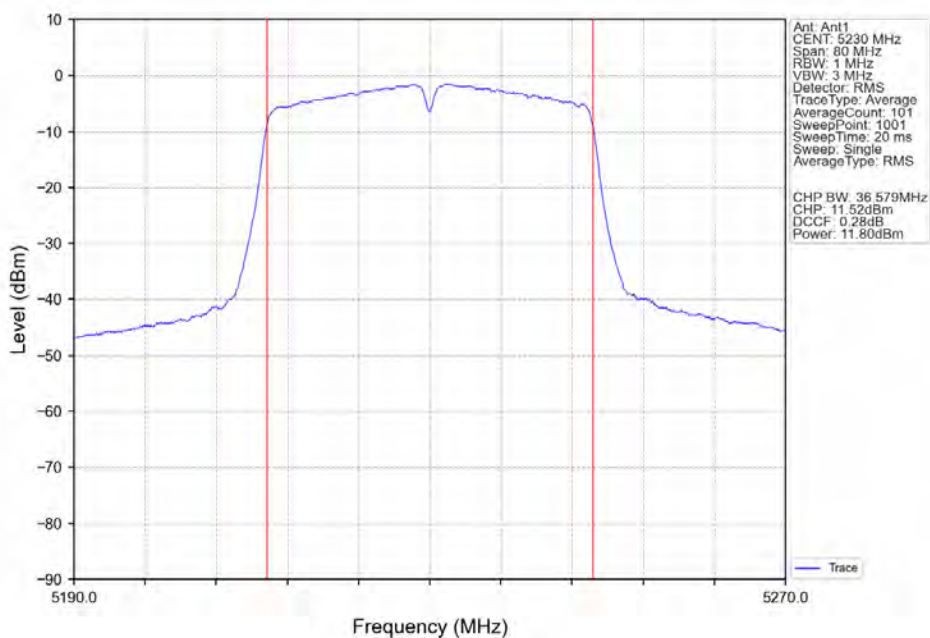
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



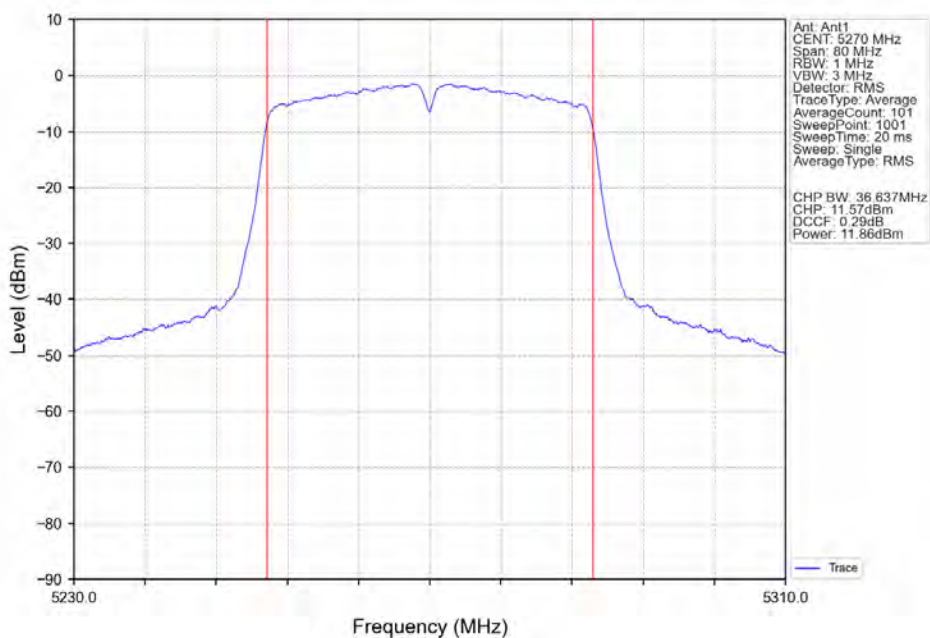
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



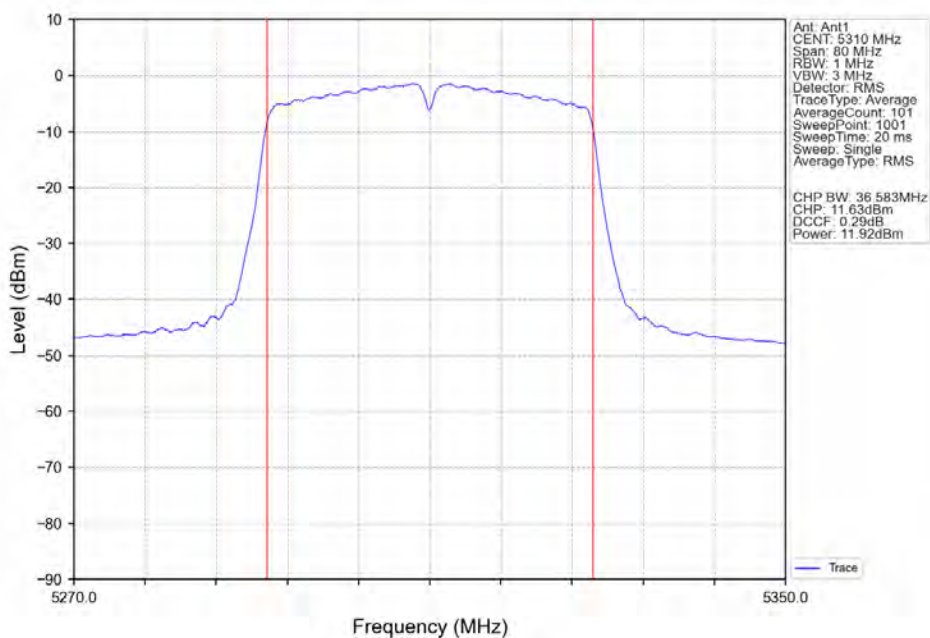
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



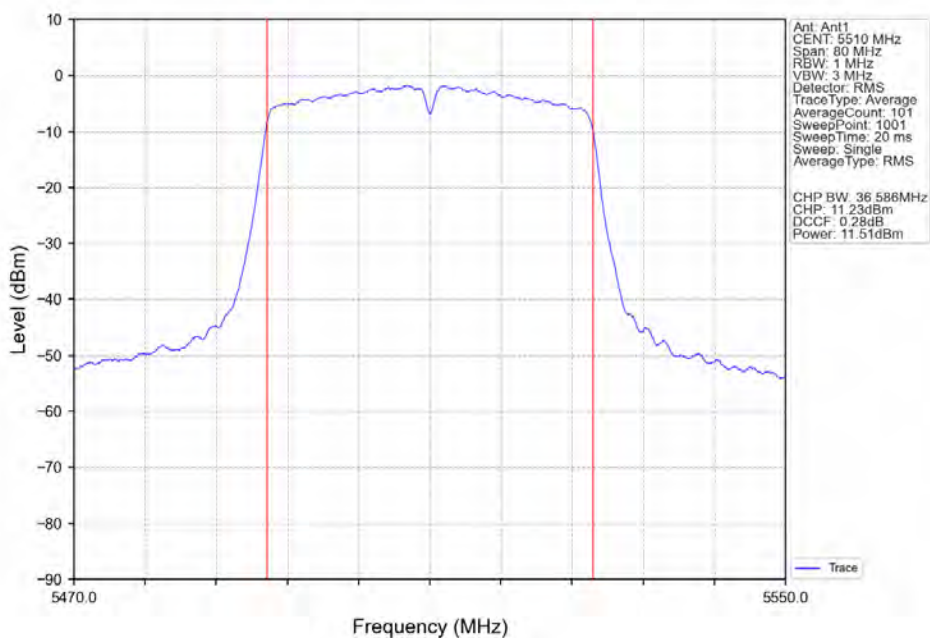
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



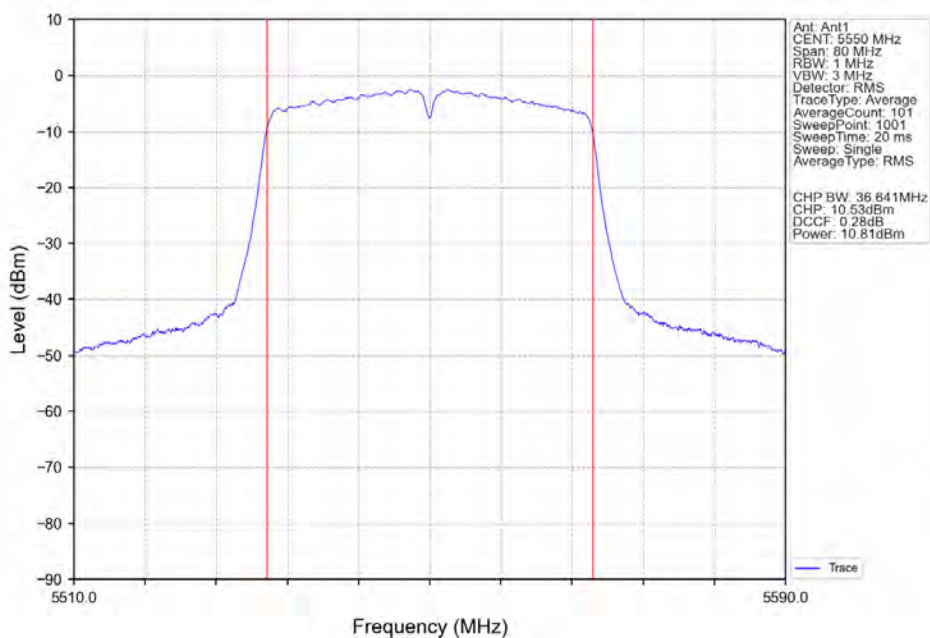
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



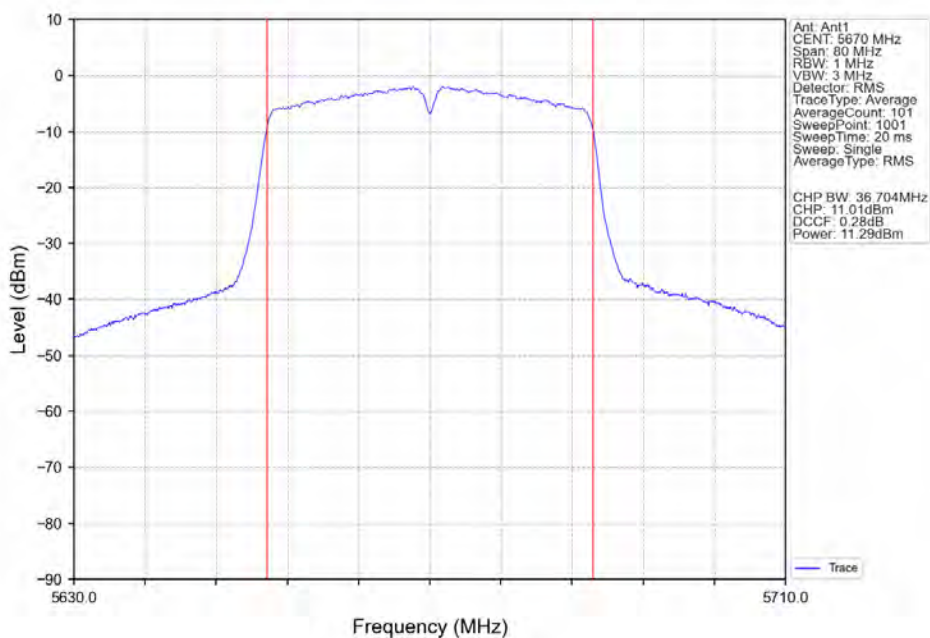
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



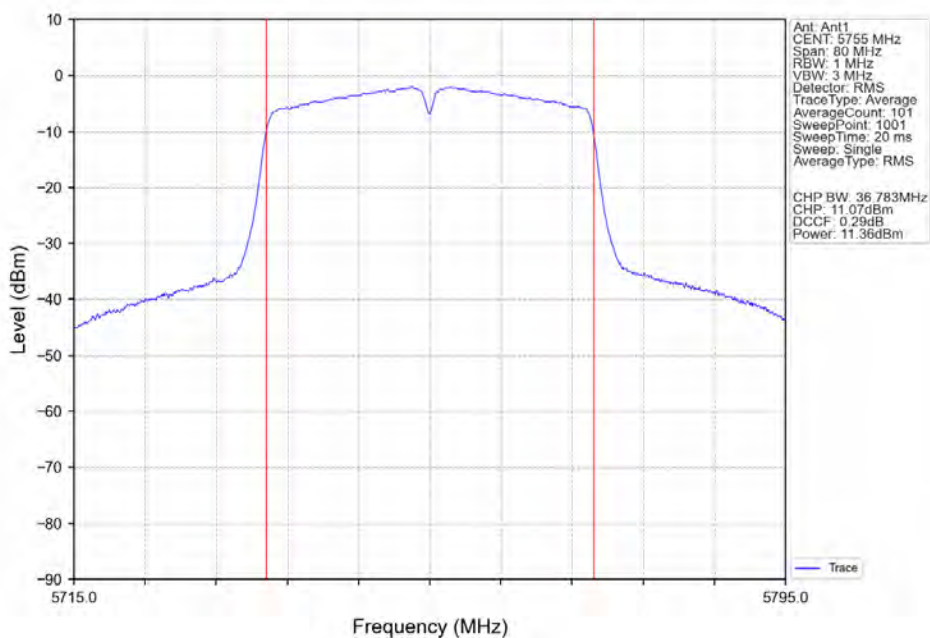
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



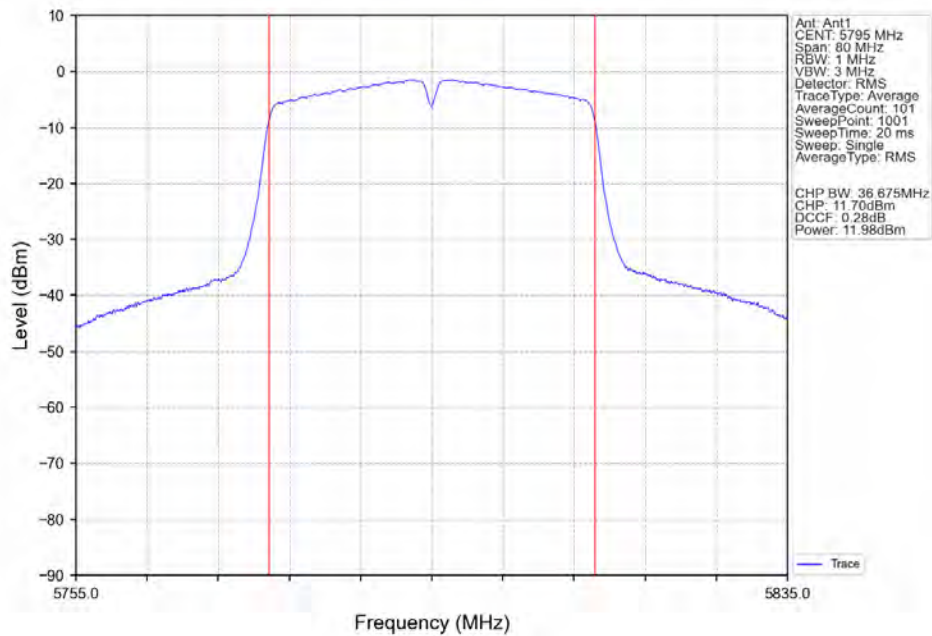
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



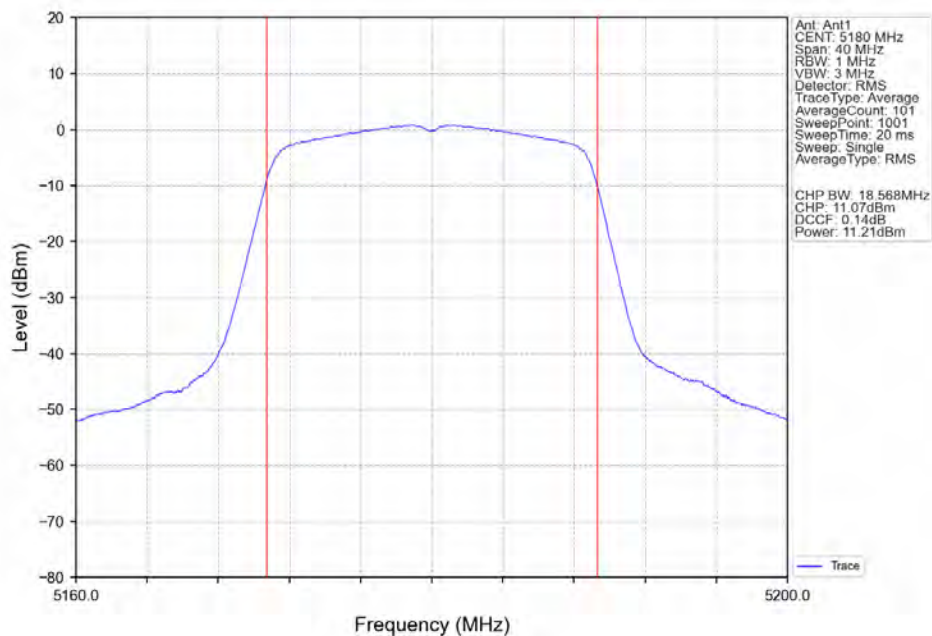
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



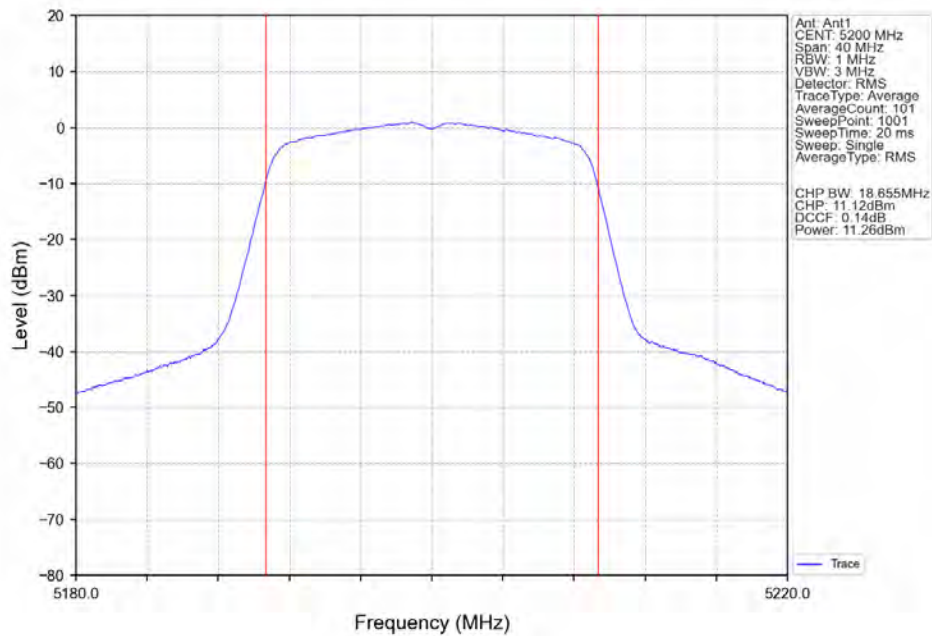
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



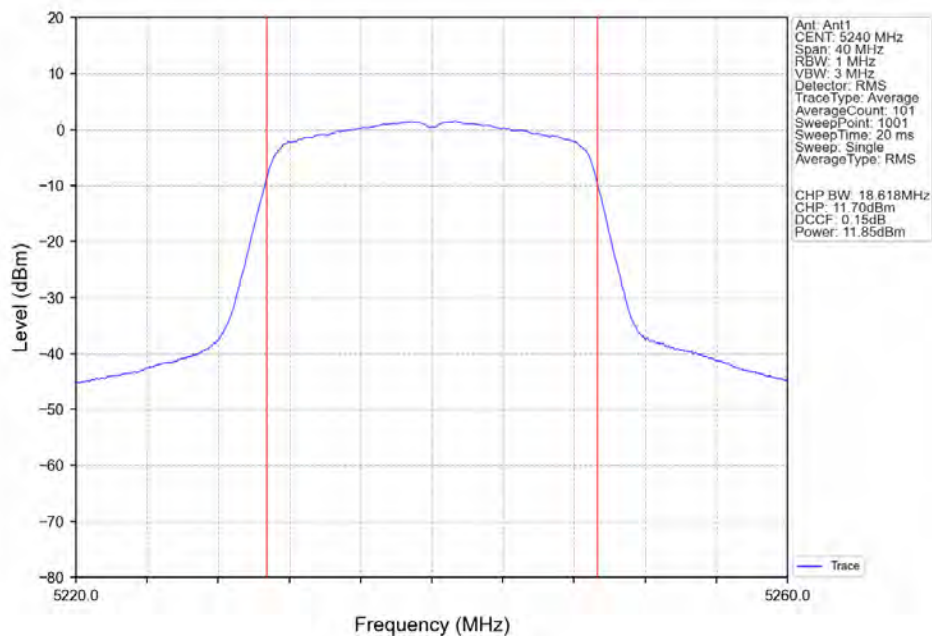
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



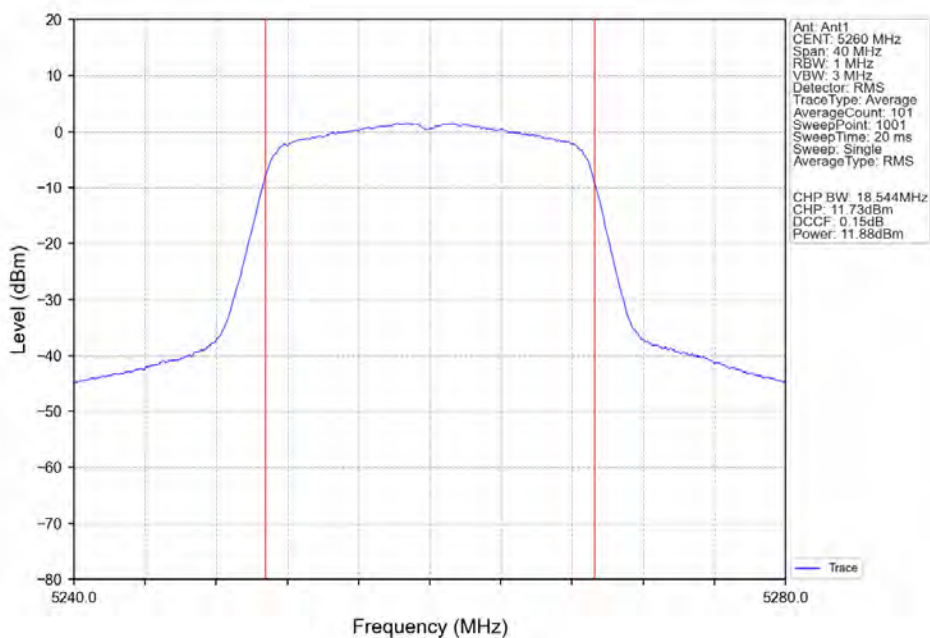
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



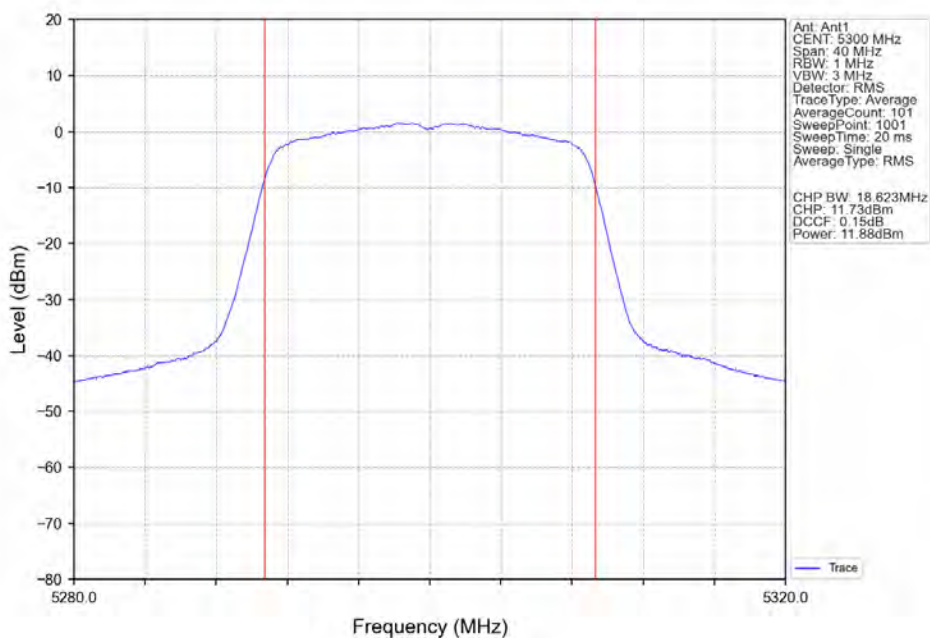
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



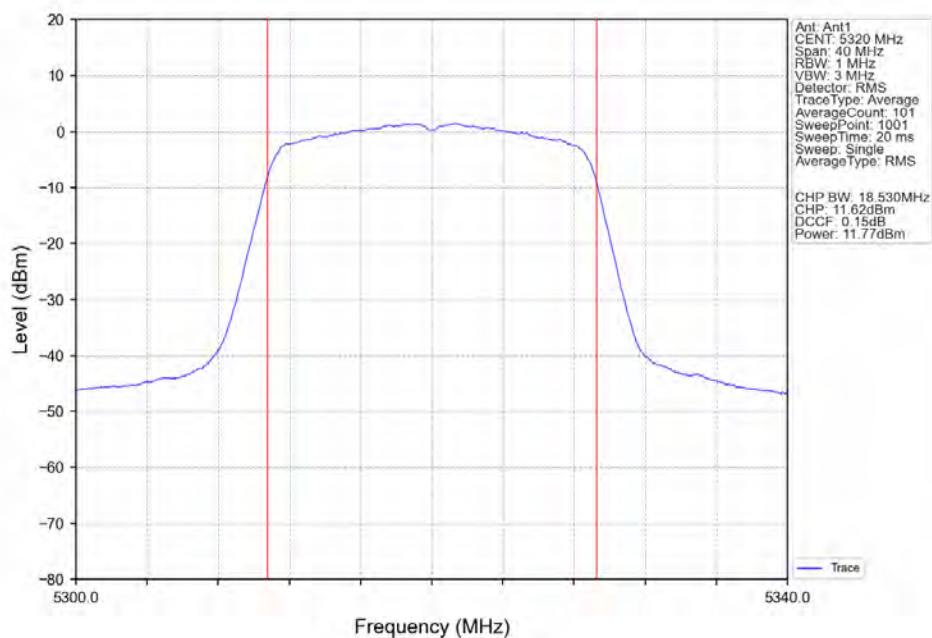
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



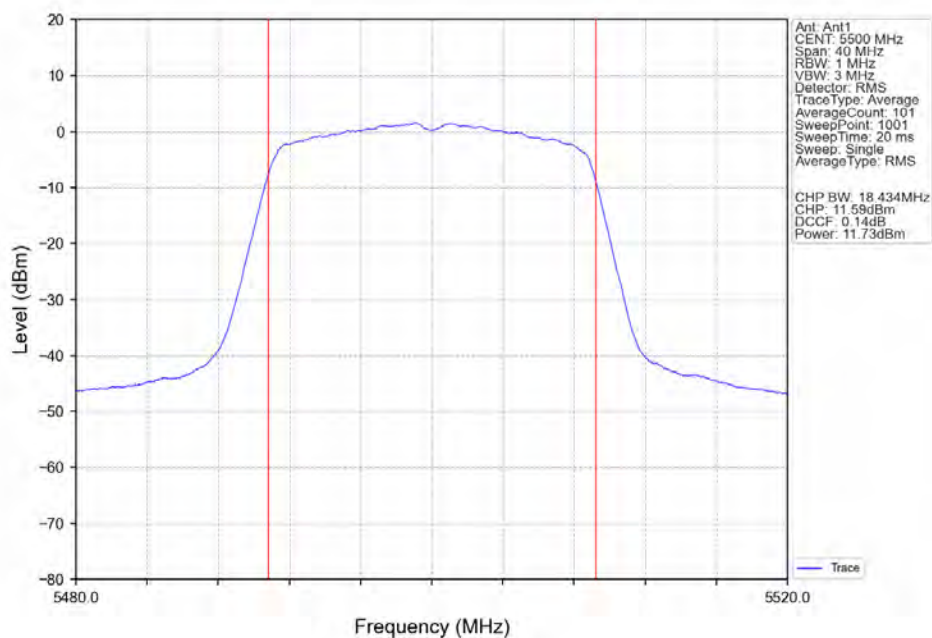
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



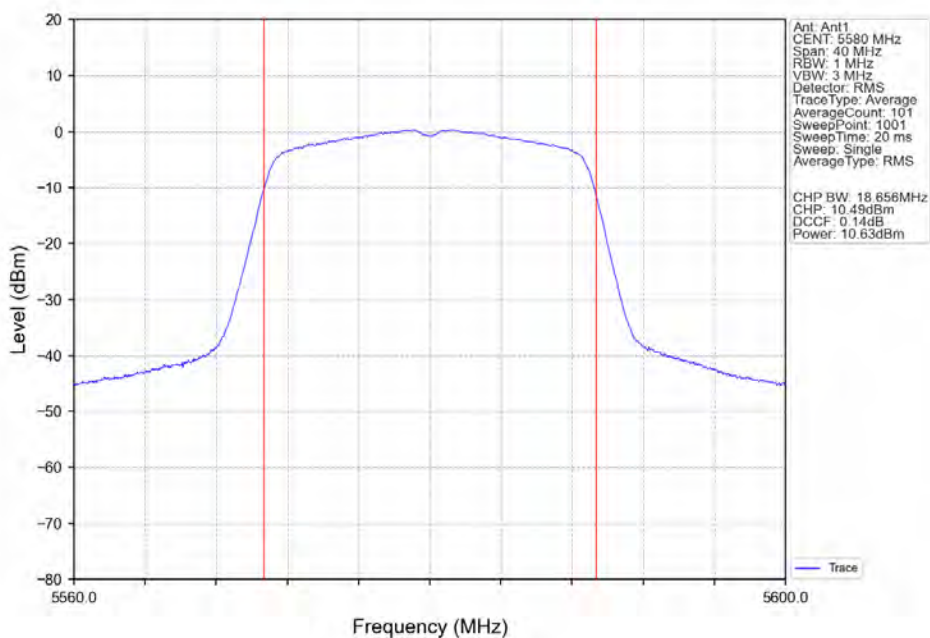
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



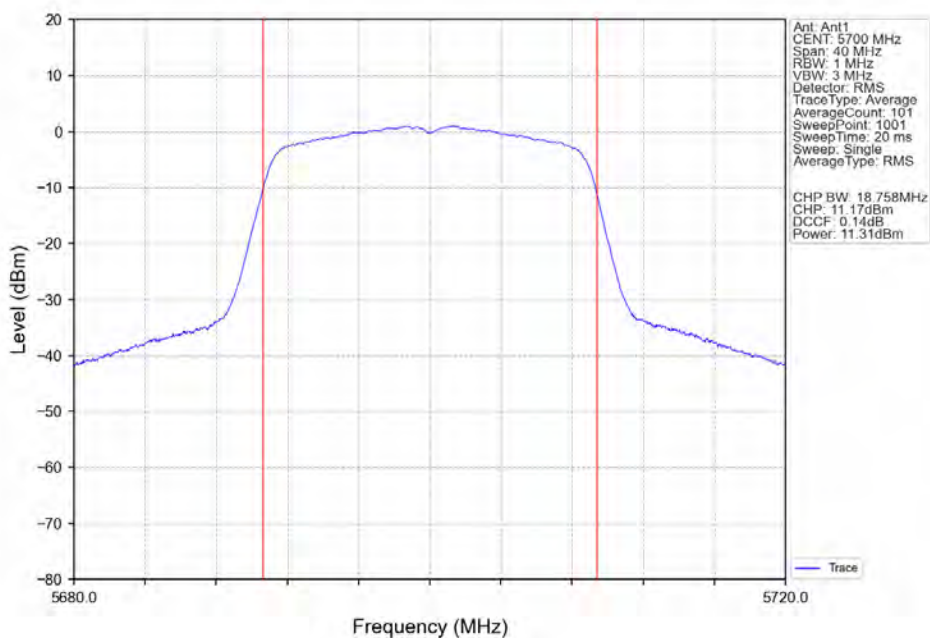
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



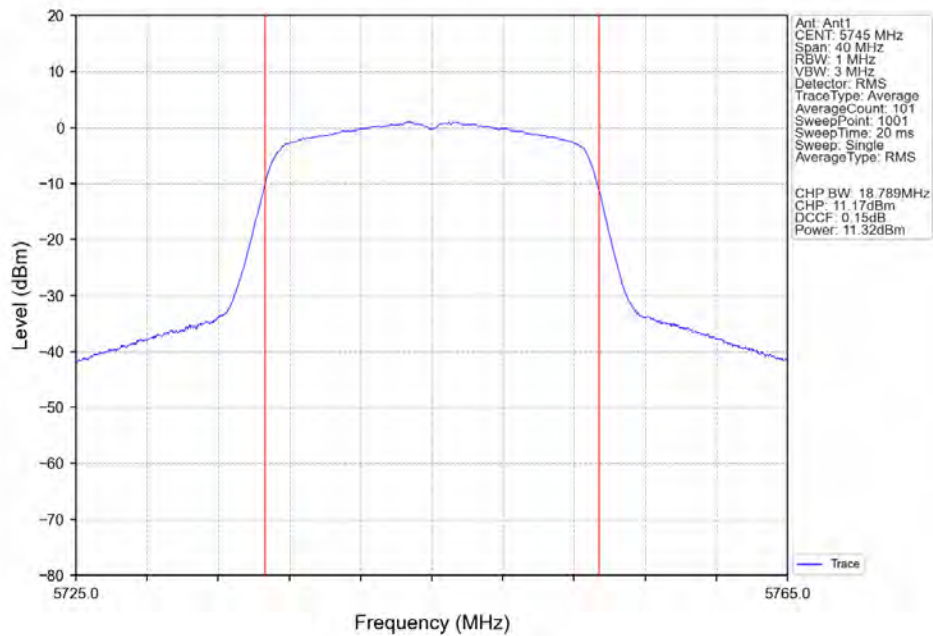
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



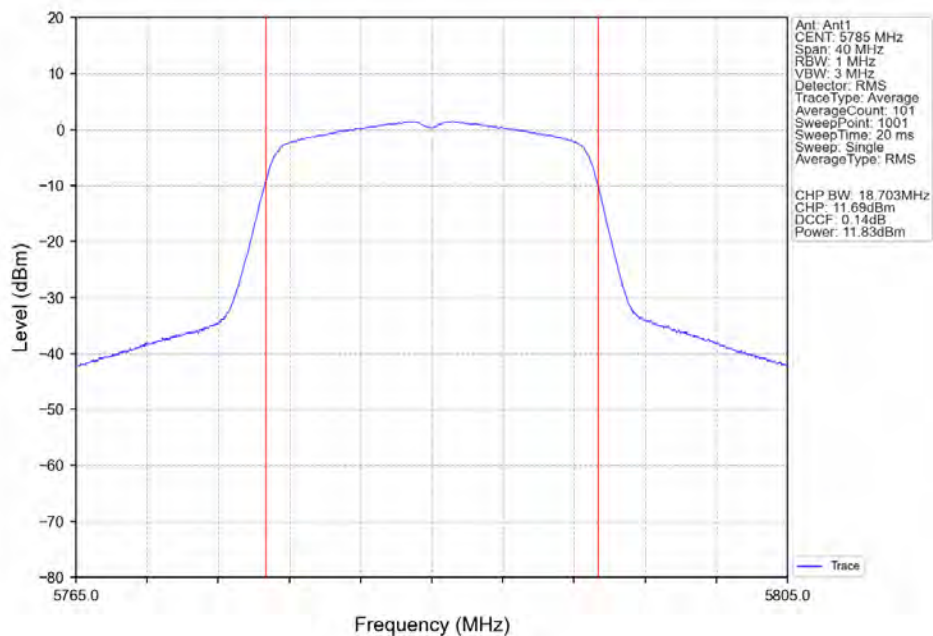
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



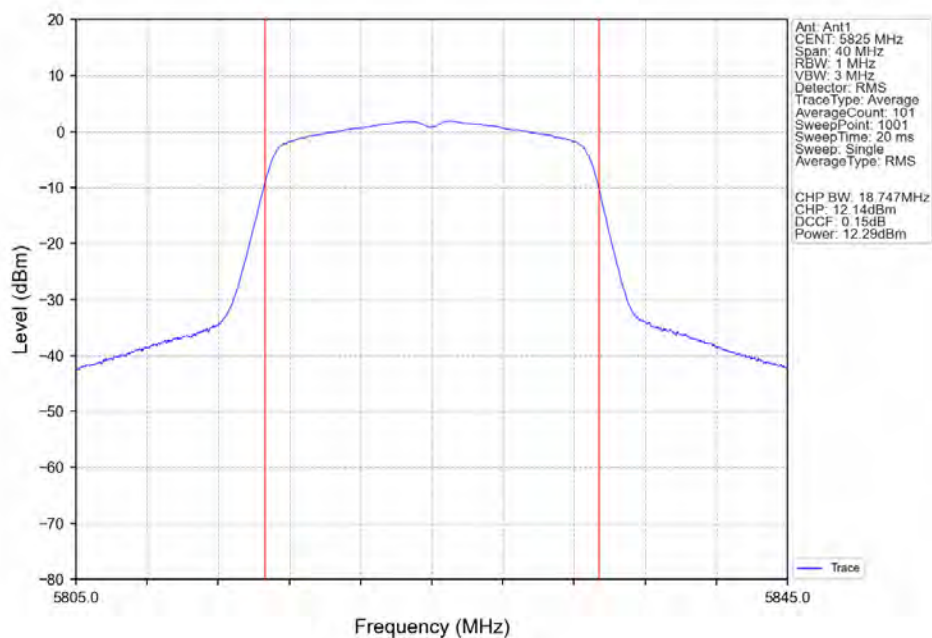
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



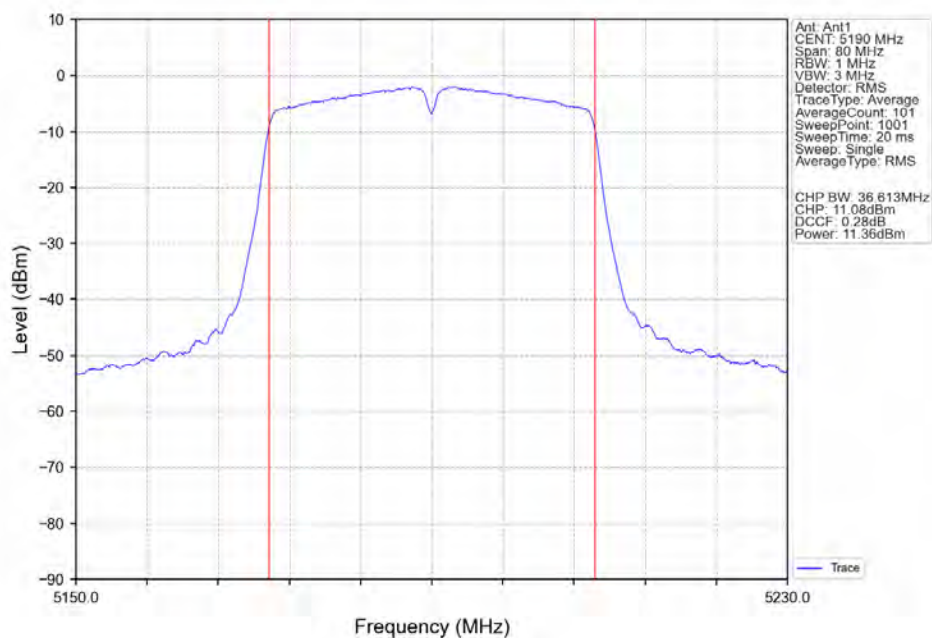
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



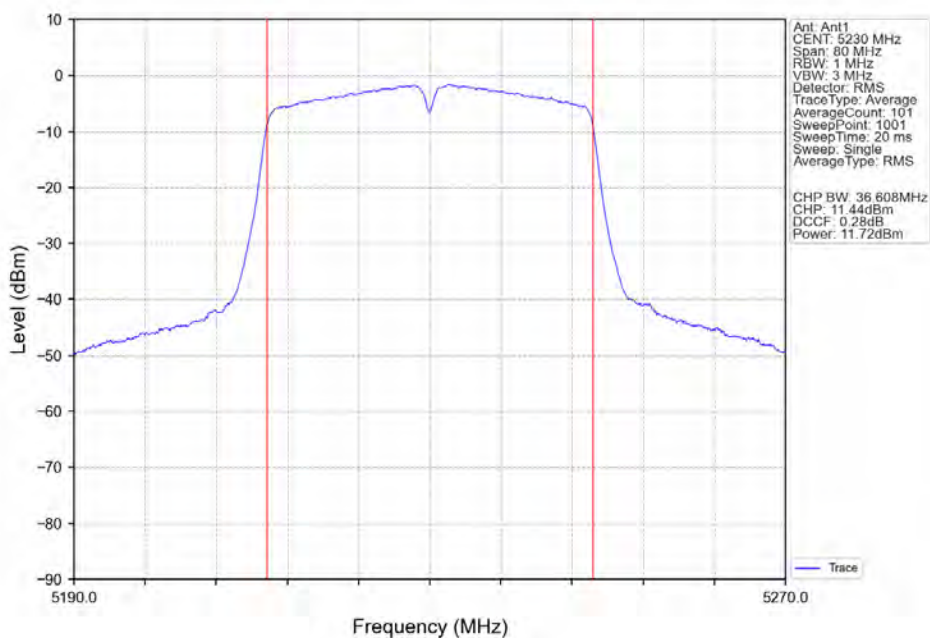
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



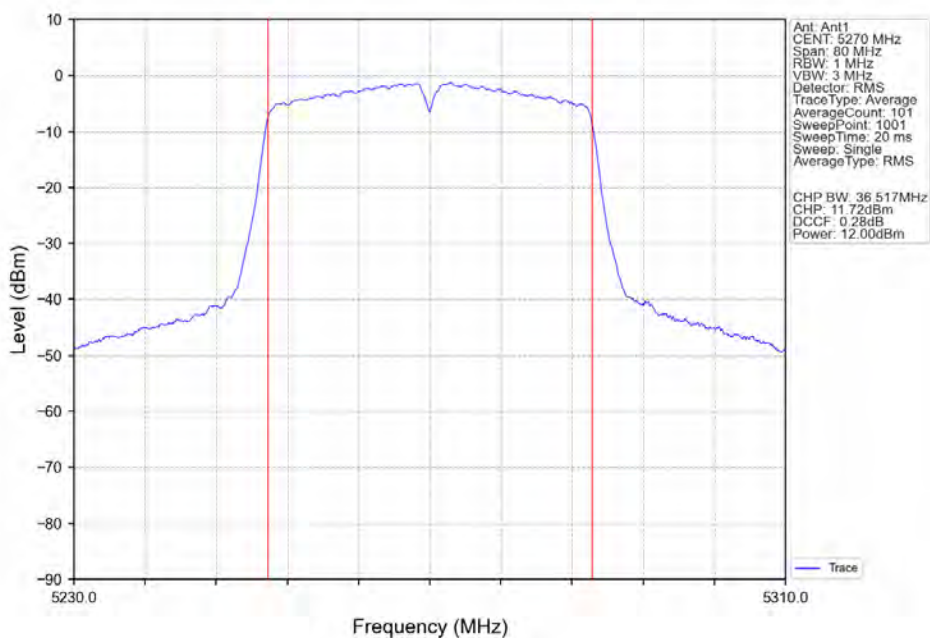
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



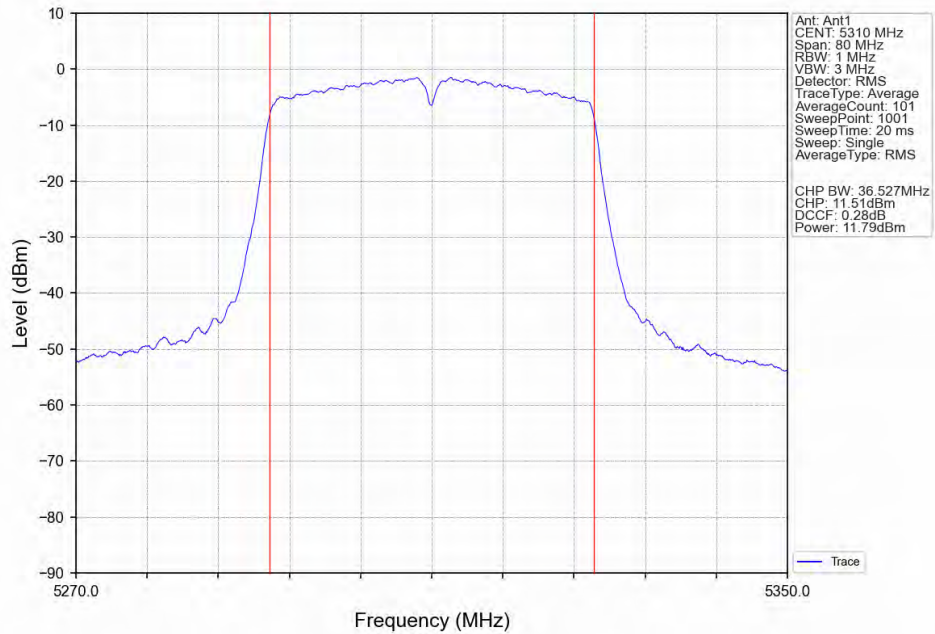
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



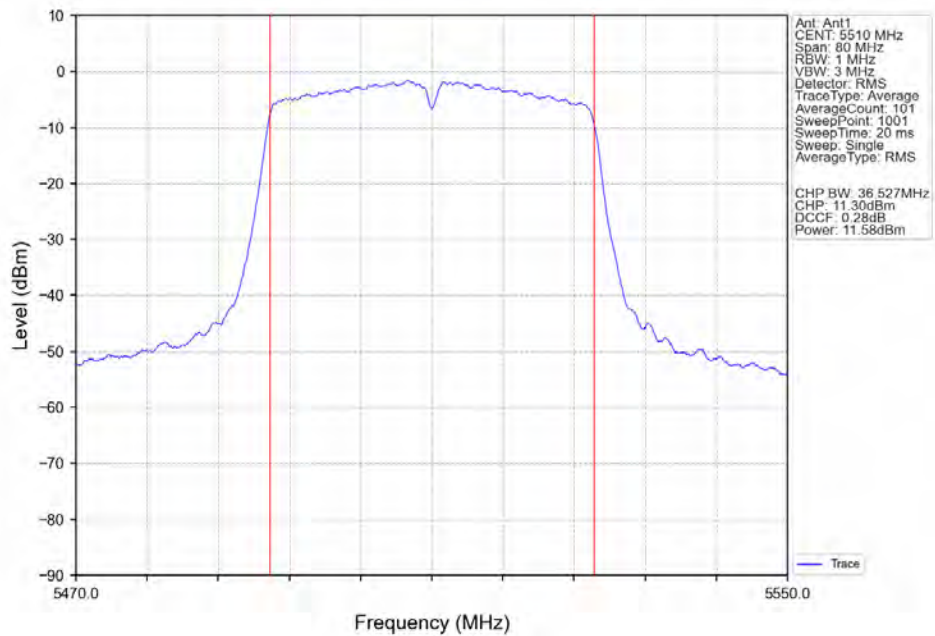
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



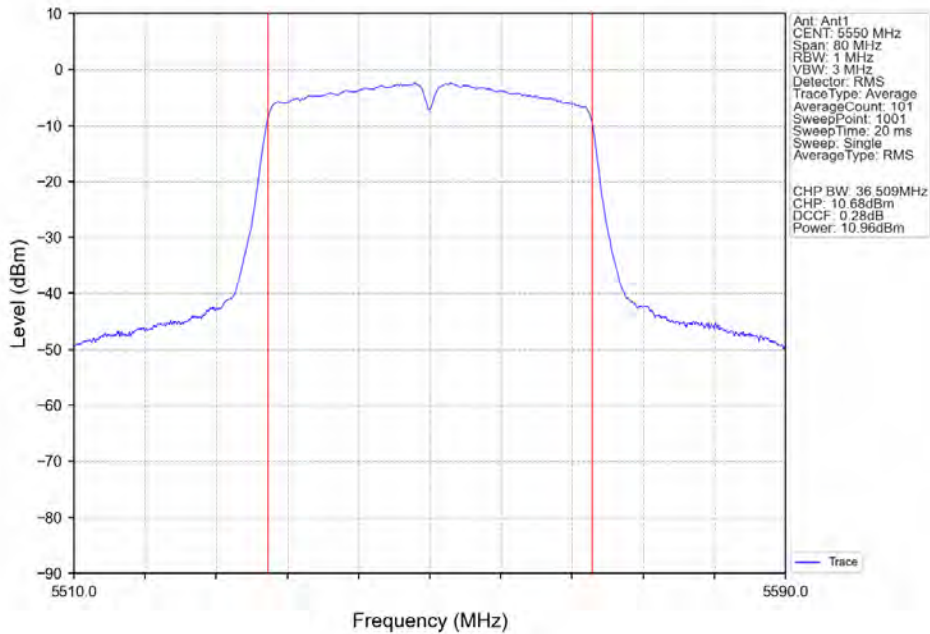
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



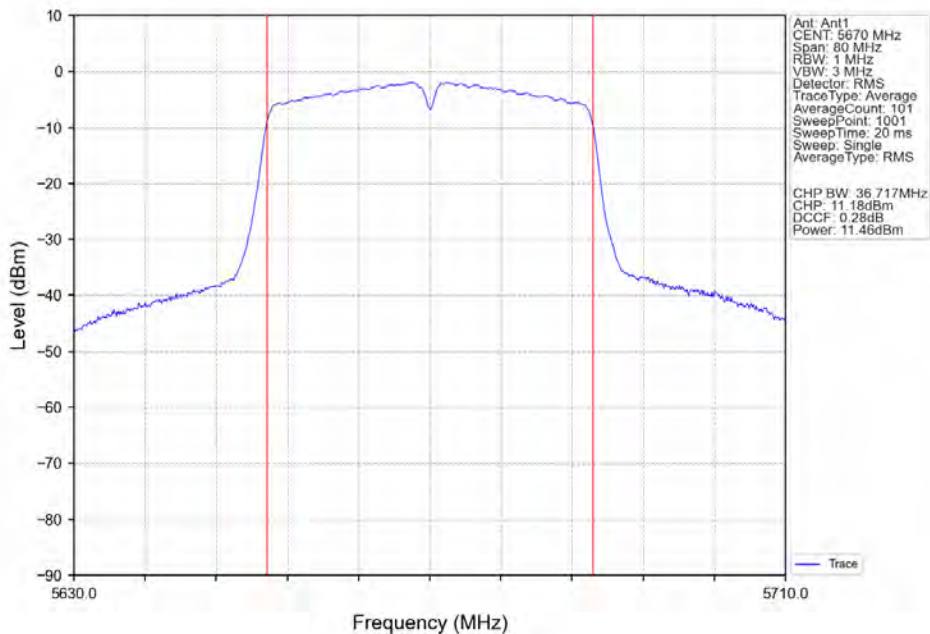
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



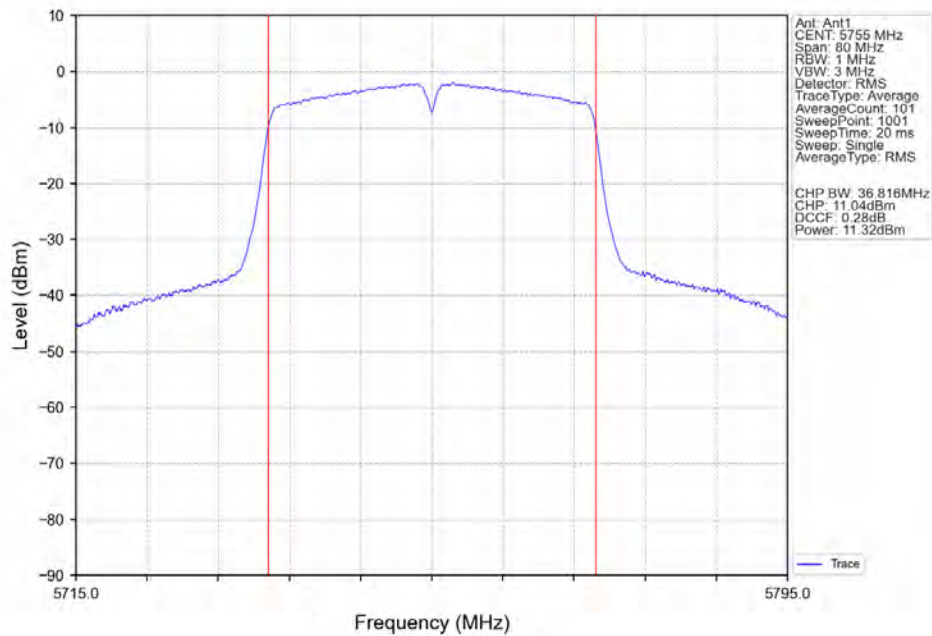
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



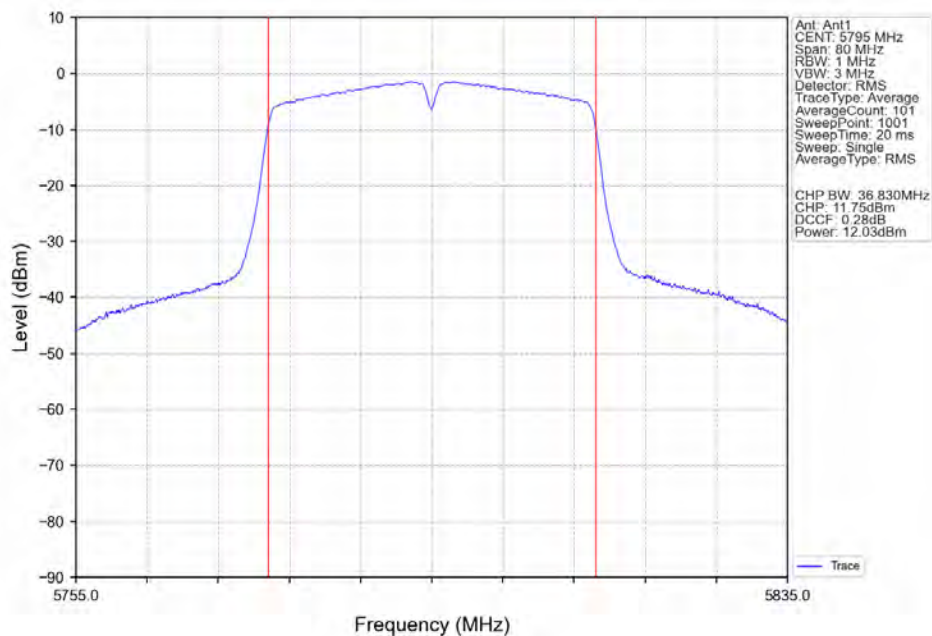
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



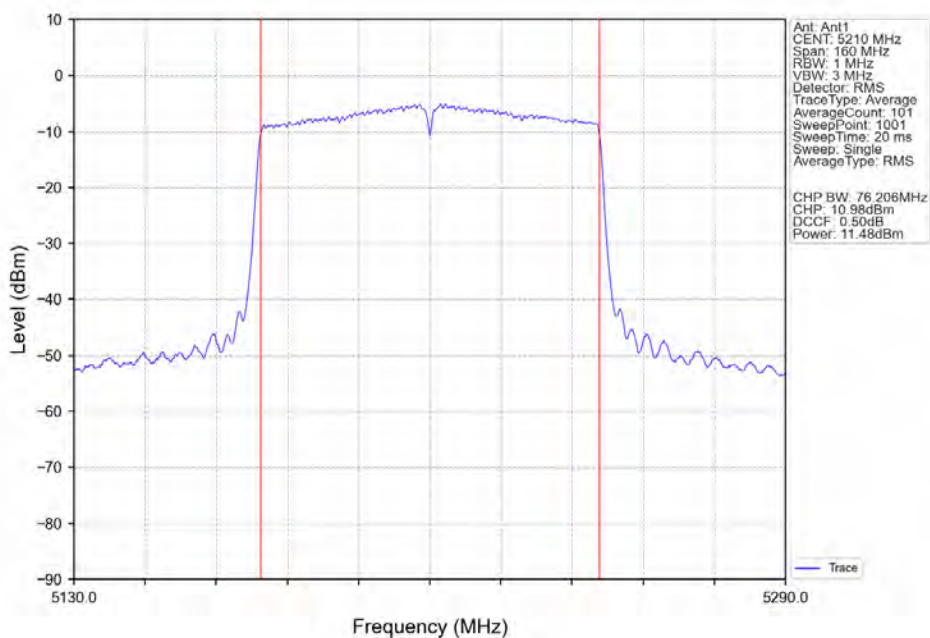
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



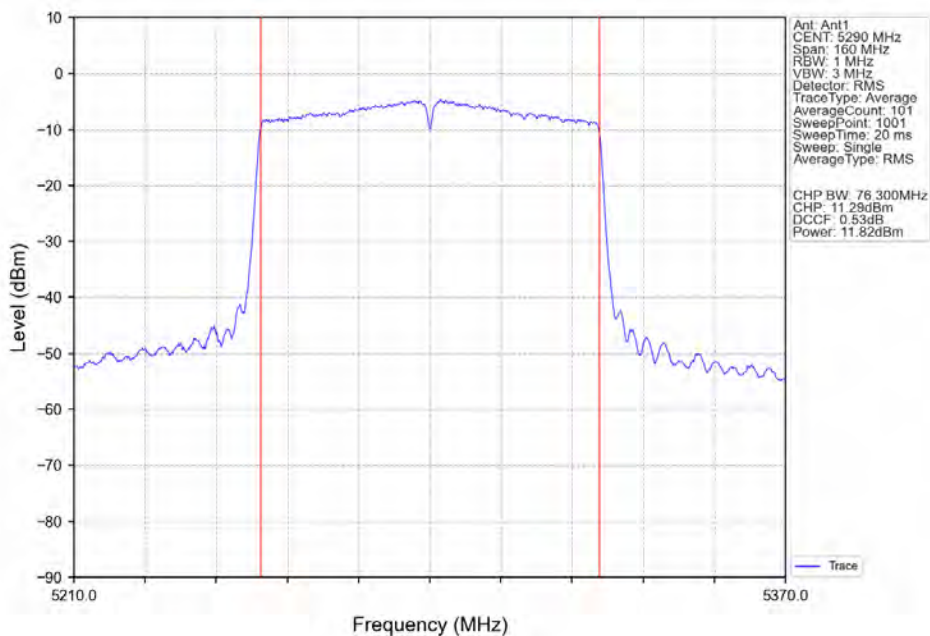
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



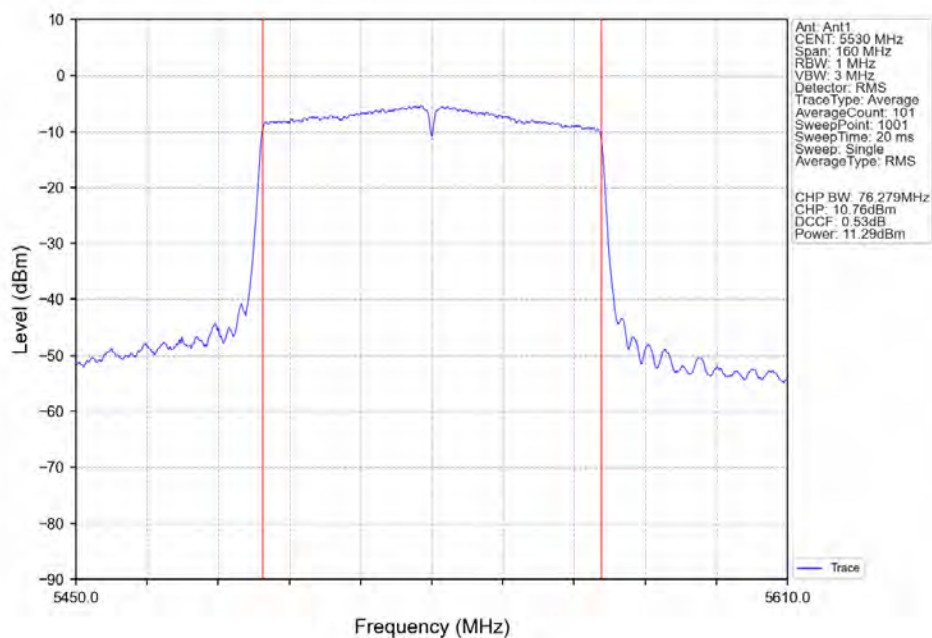
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



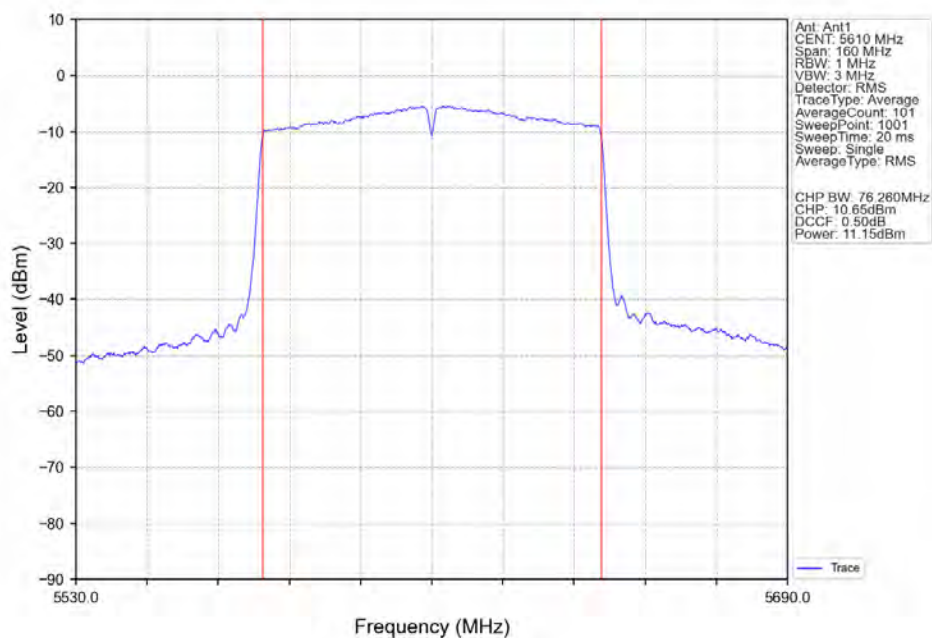
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV

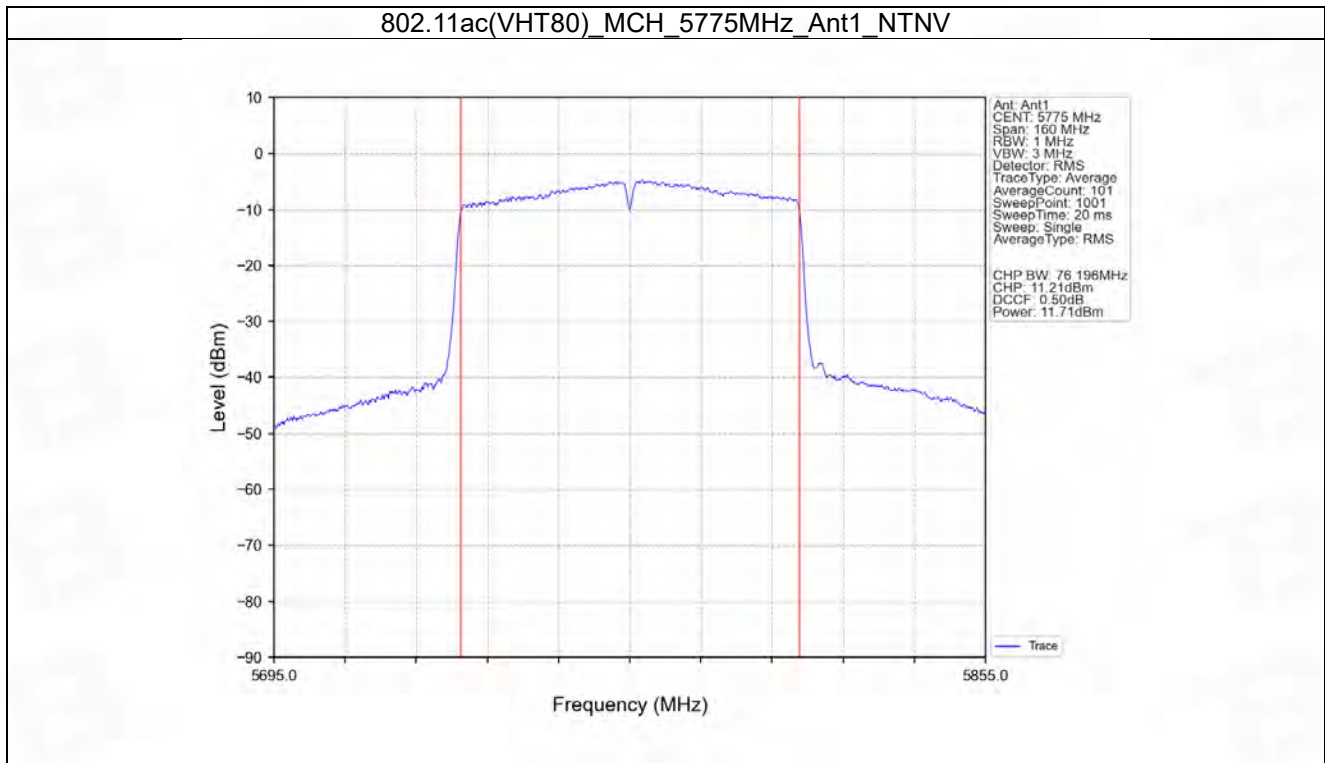


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

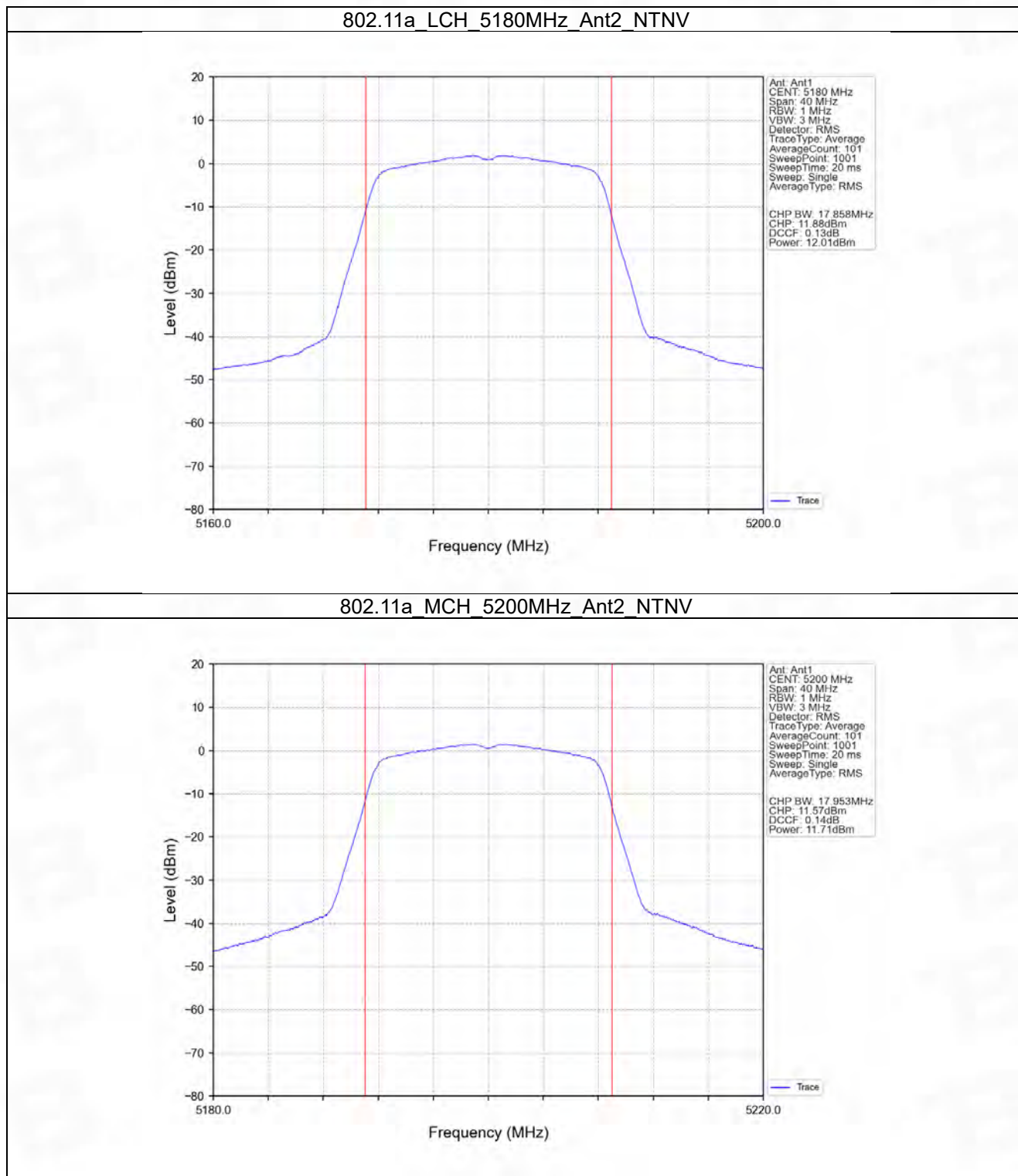


802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

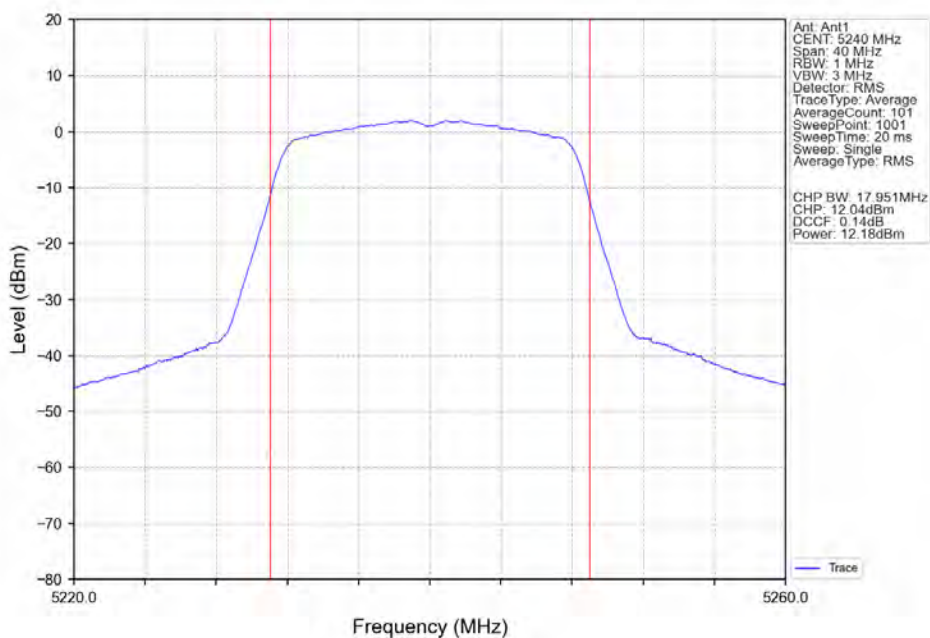




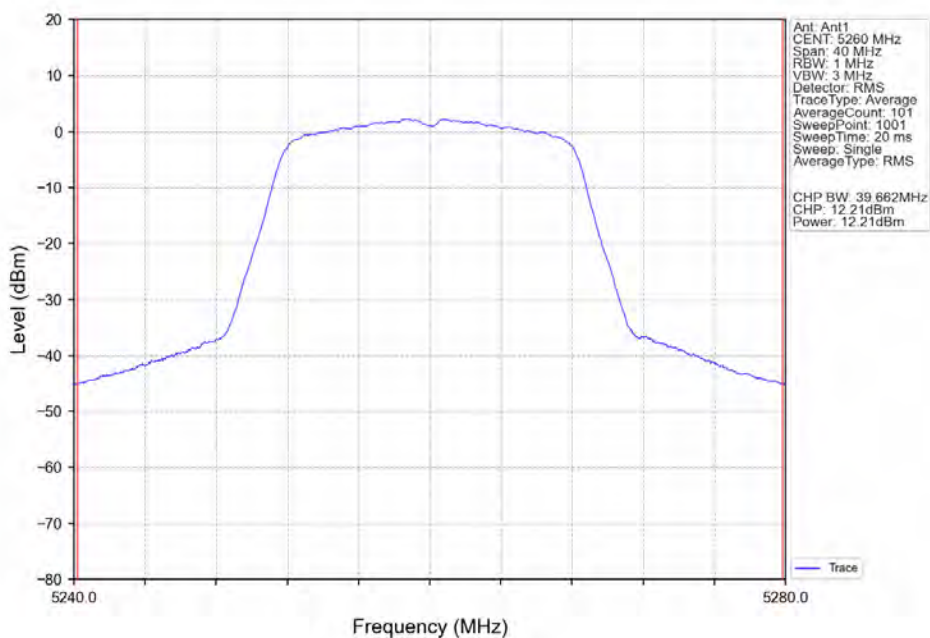
ANT2



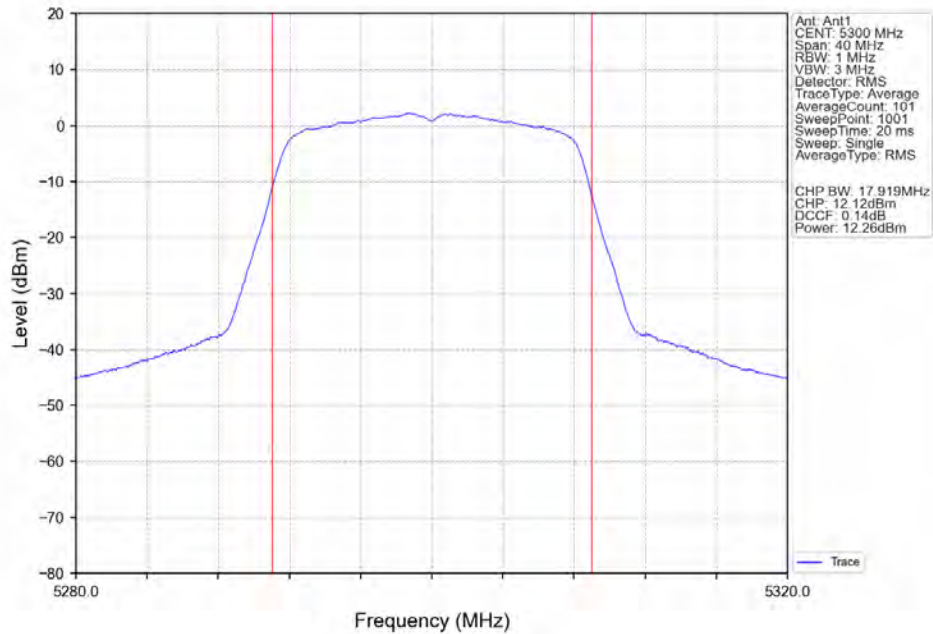
802.11a_HCH_5240MHz_Ant2_NTNV



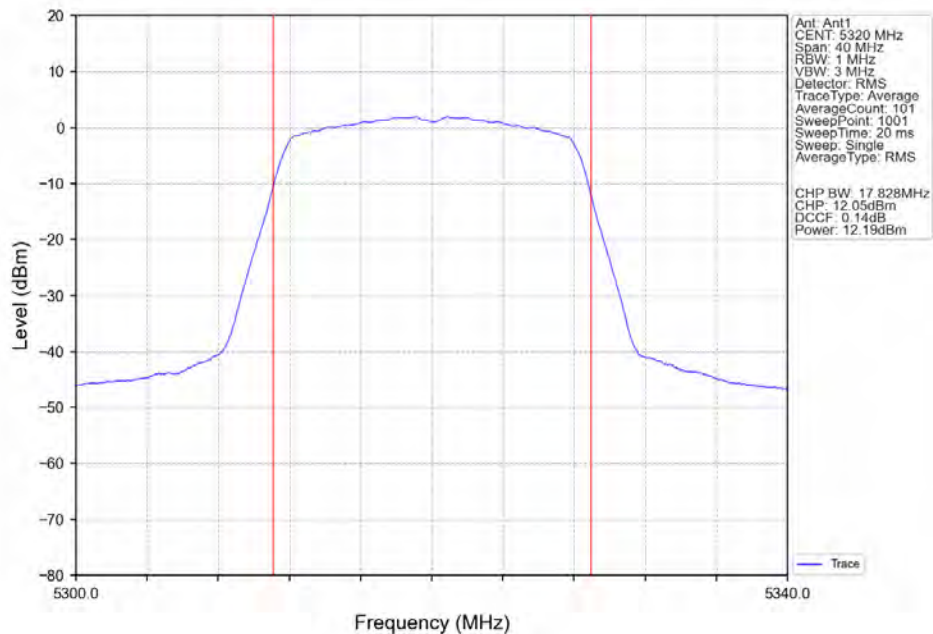
802.11a_LCH_5260MHz_Ant2_NTNV



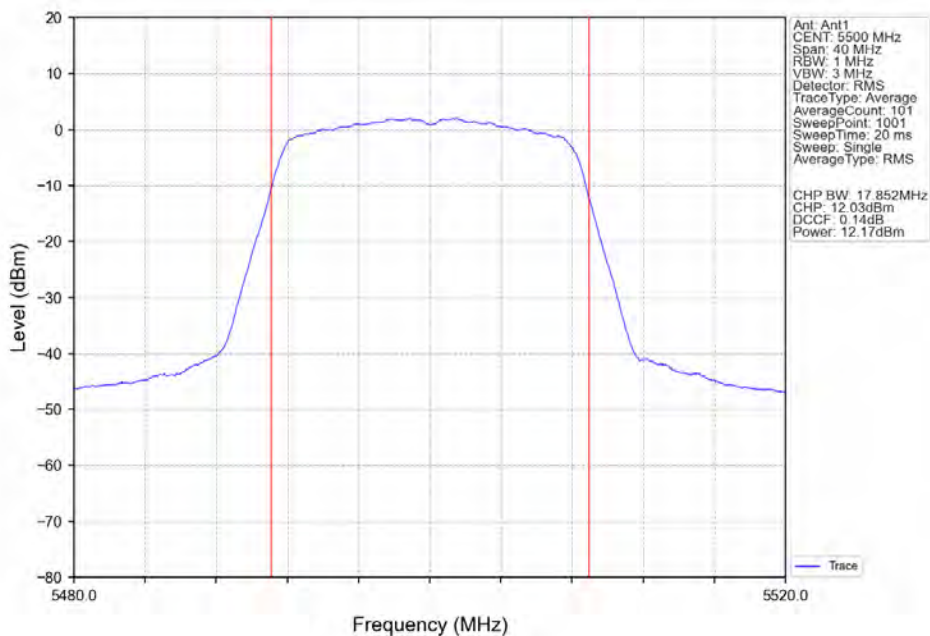
802.11a_MCH_5300MHz_Ant2_NTNV



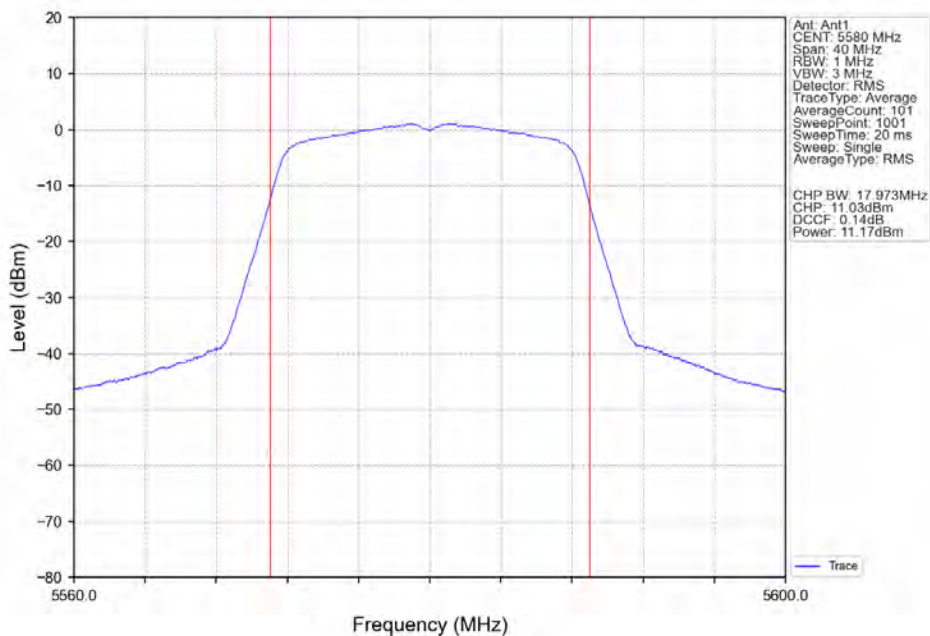
802.11a_HCH_5320MHz_Ant2_NTNV



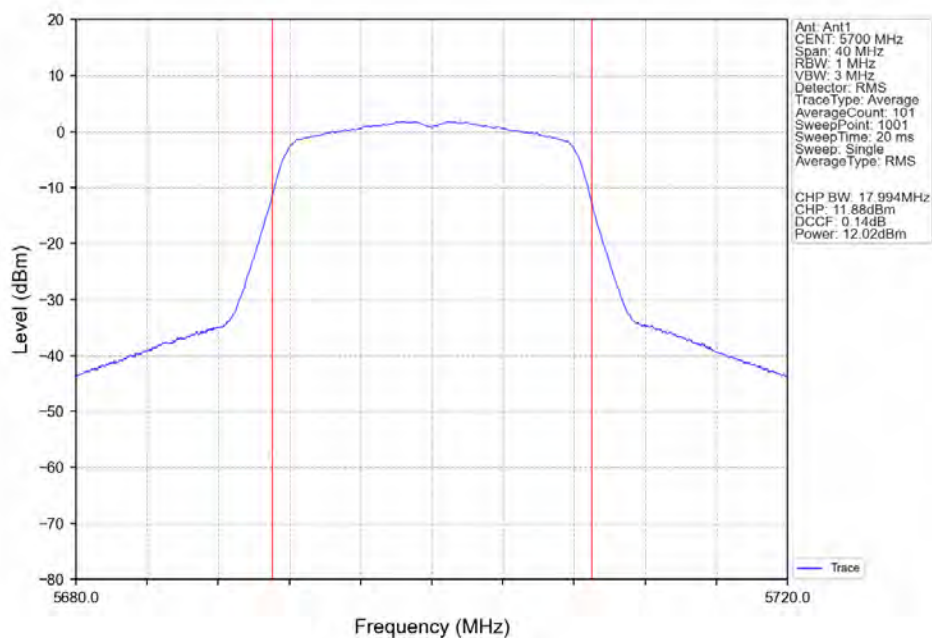
802.11a_LCH_5500MHz_Ant2_NTNV



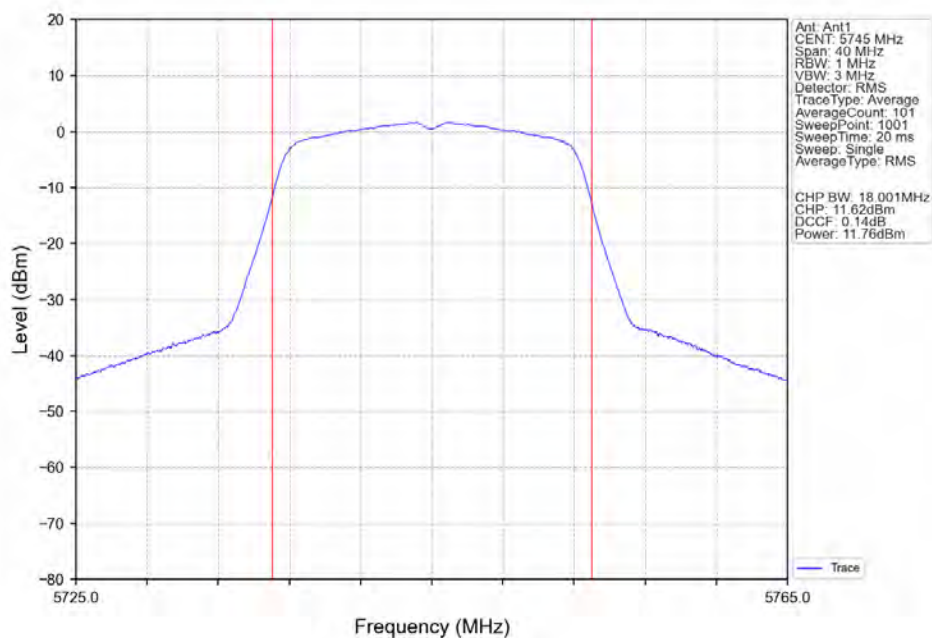
802.11a_MCH_5580MHz_Ant2_NTNV



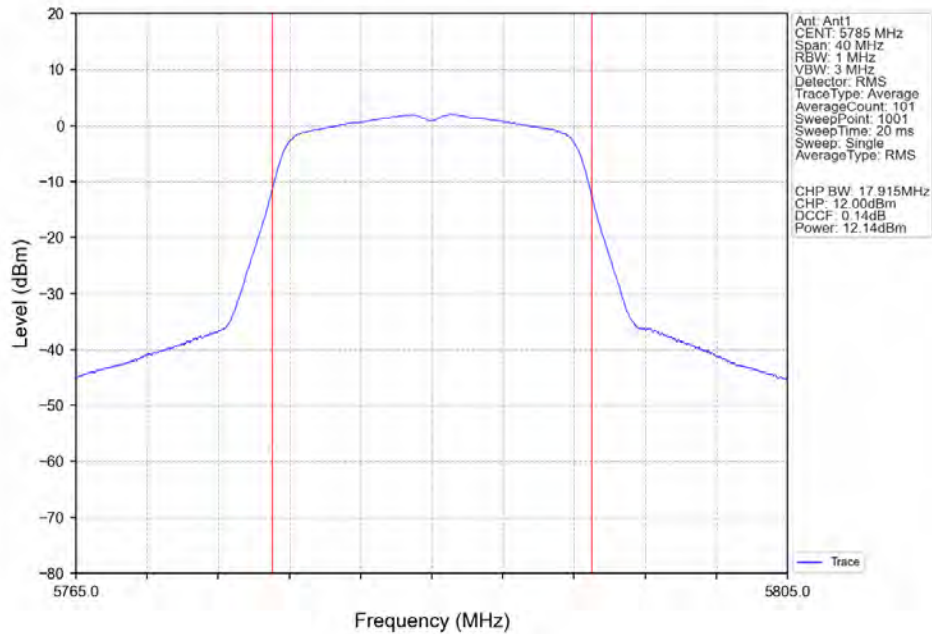
802.11a_HCH_5700MHz_Ant2_NTNV



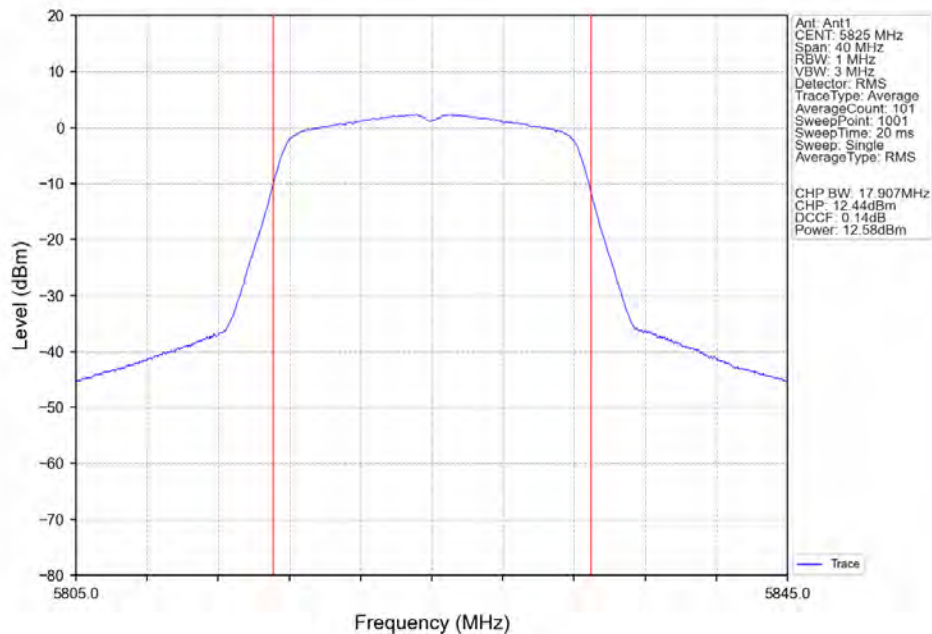
802.11a_LCH_5745MHz_Ant2_NTNV



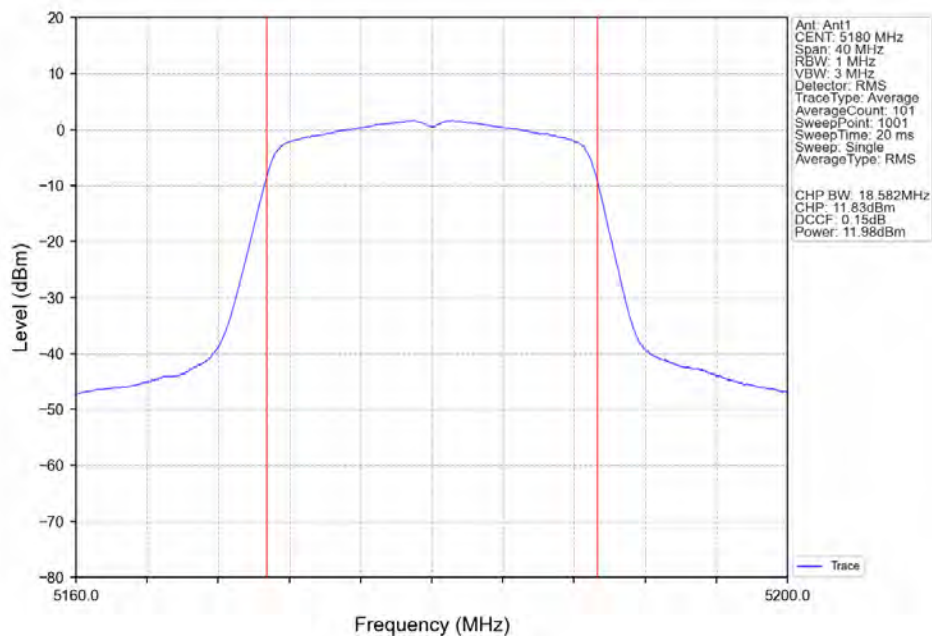
802.11a_MCH_5785MHz_Ant2_NTNV



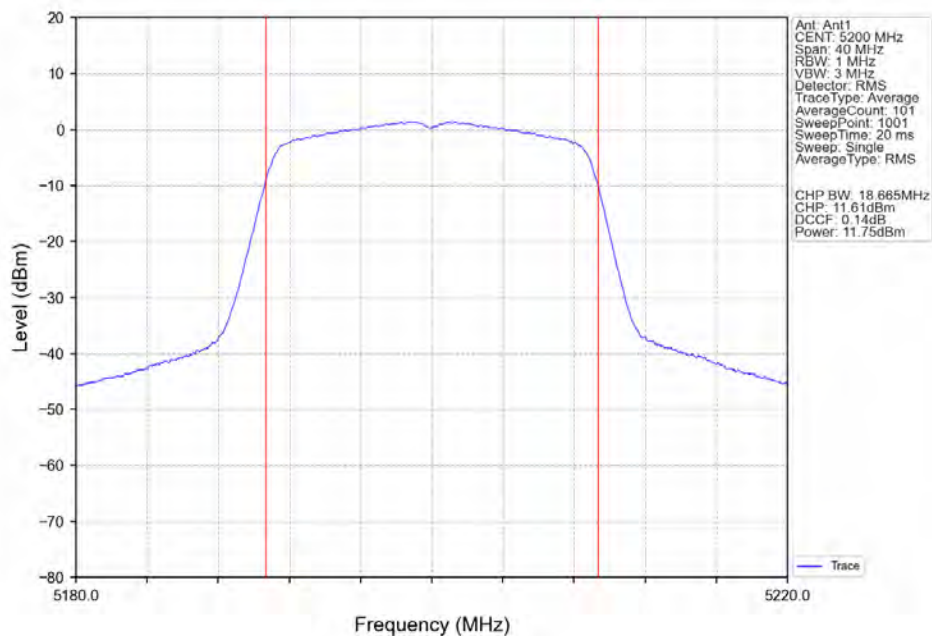
802.11a_HCH_5825MHz_Ant2_NTNV



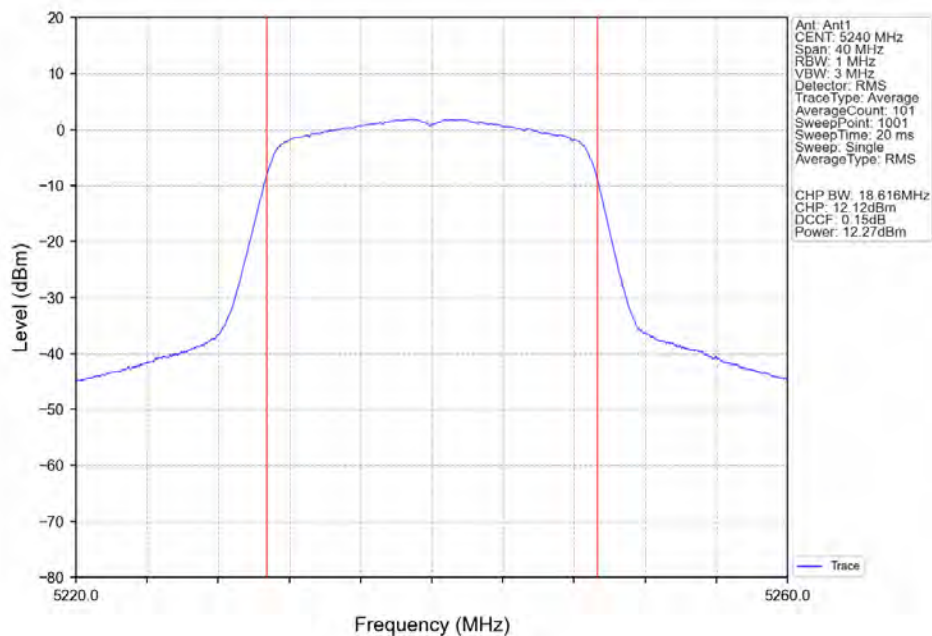
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



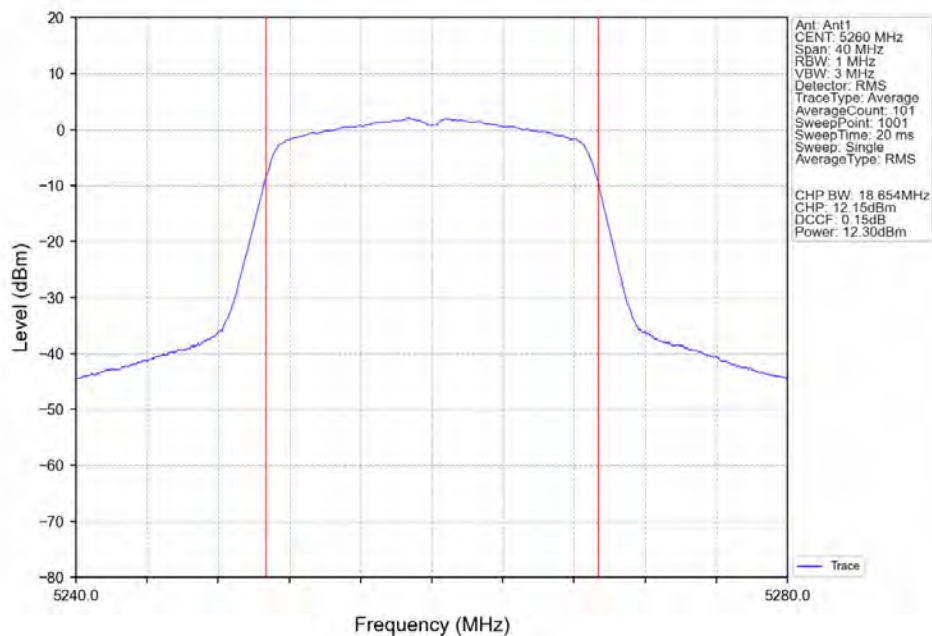
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



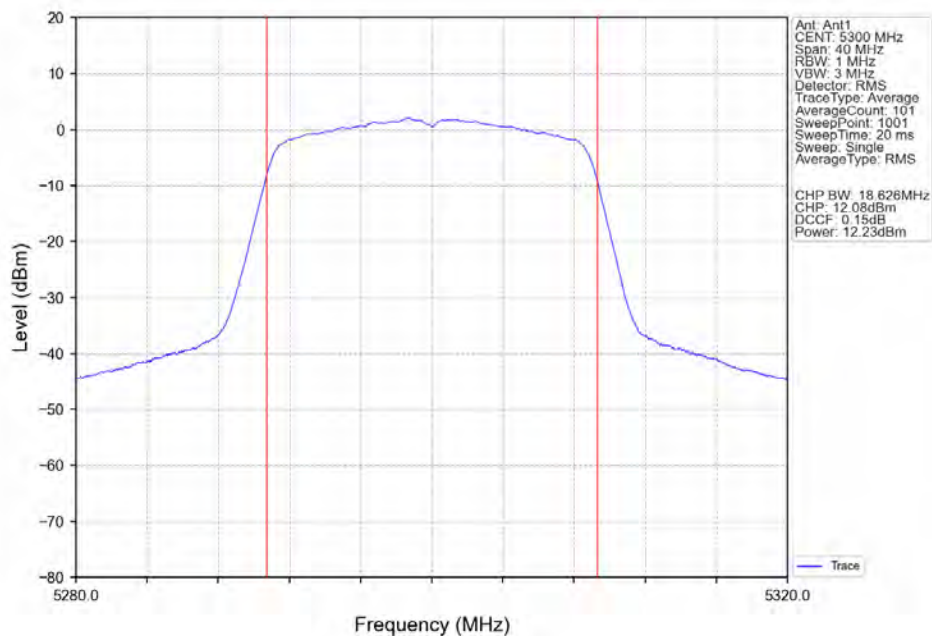
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



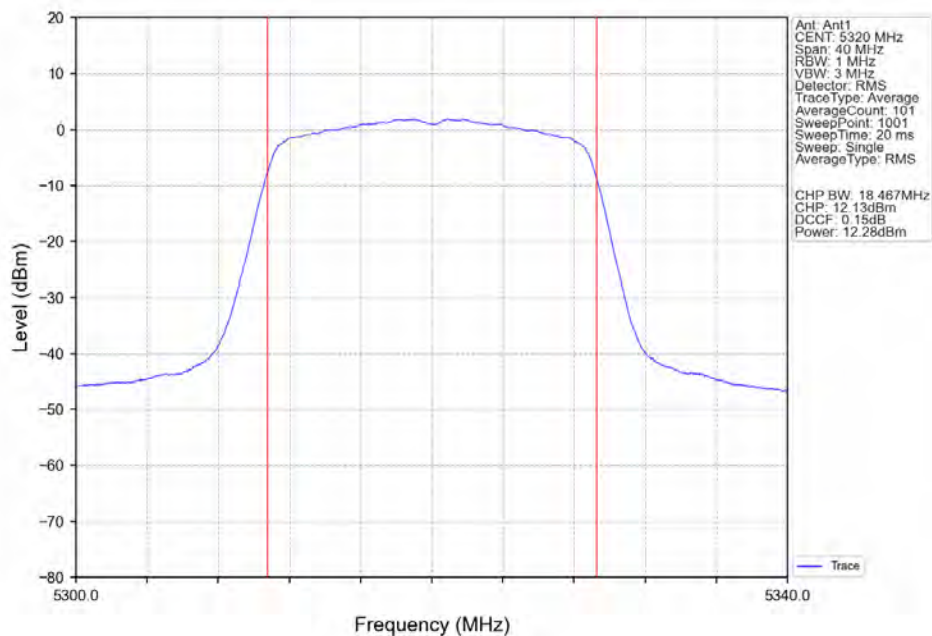
802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



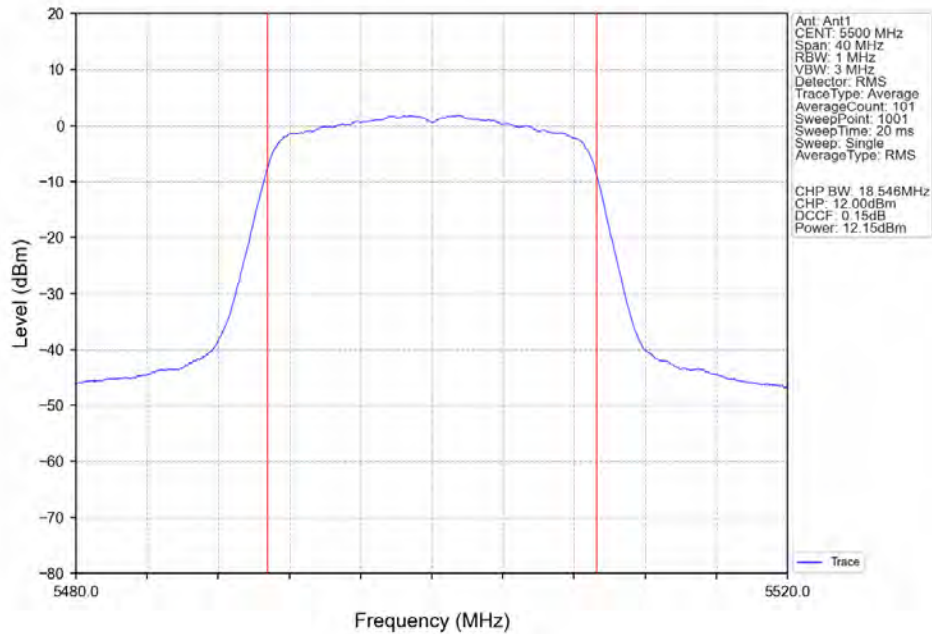
802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



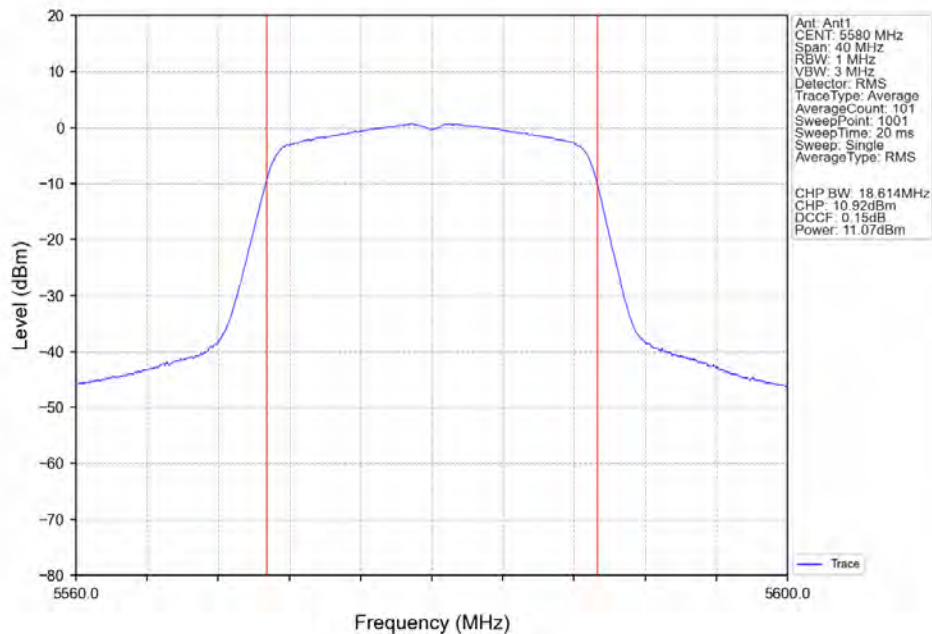
802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



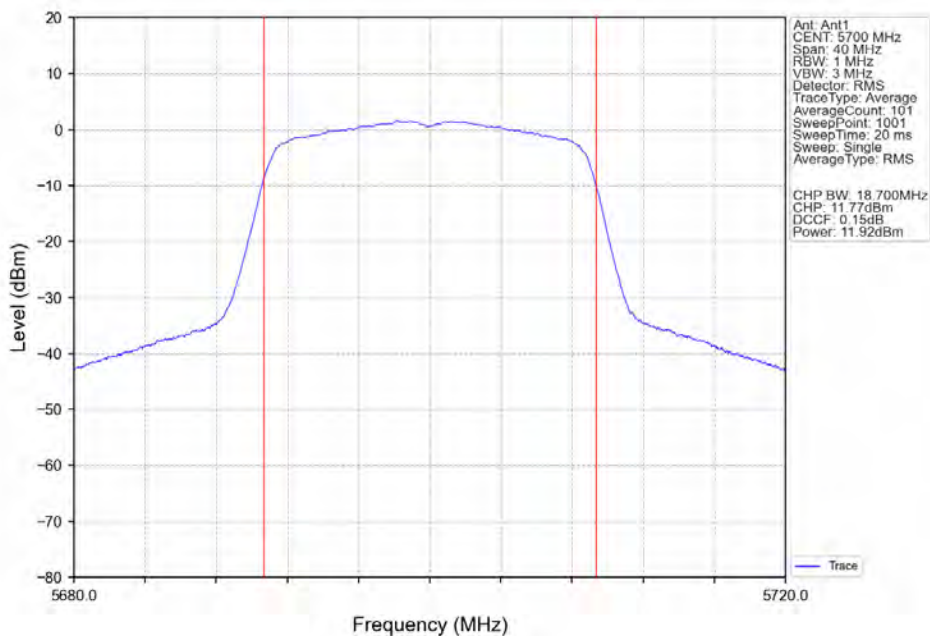
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



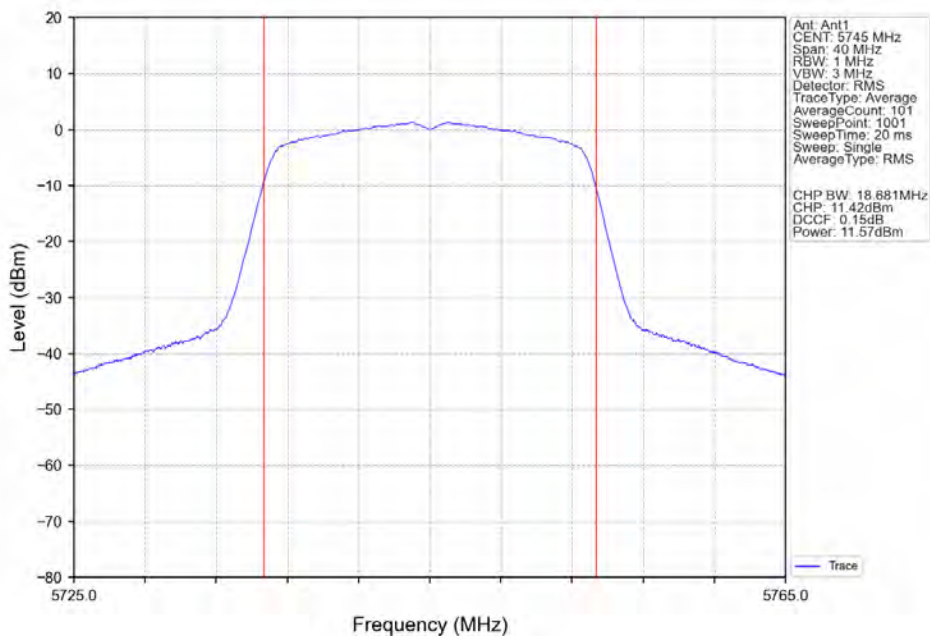
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



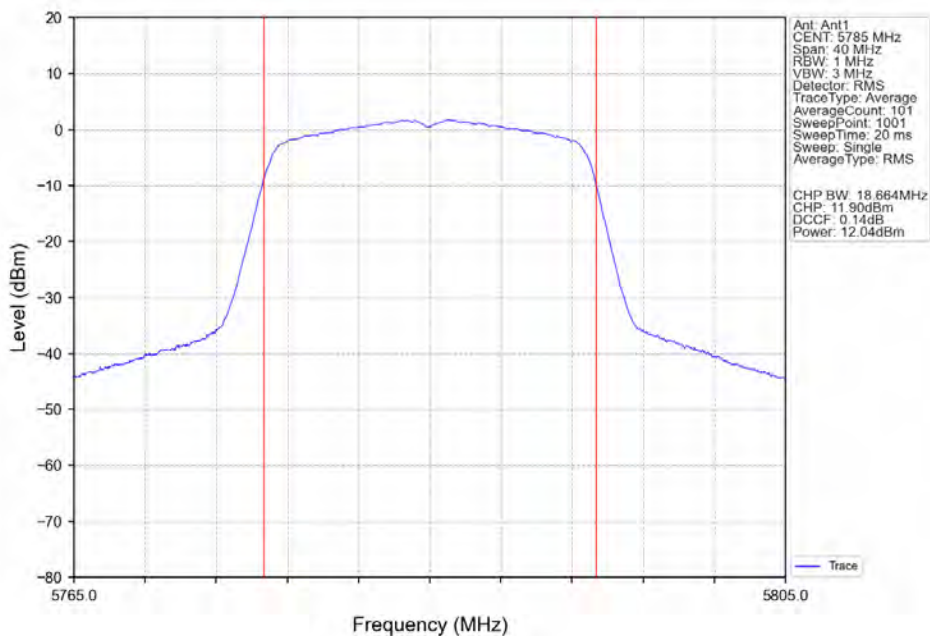
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



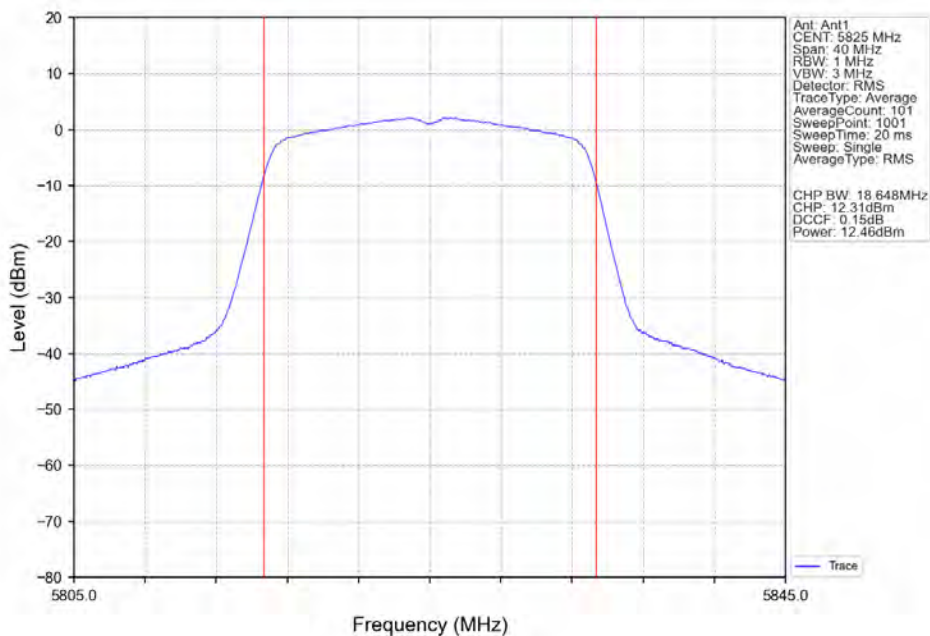
802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



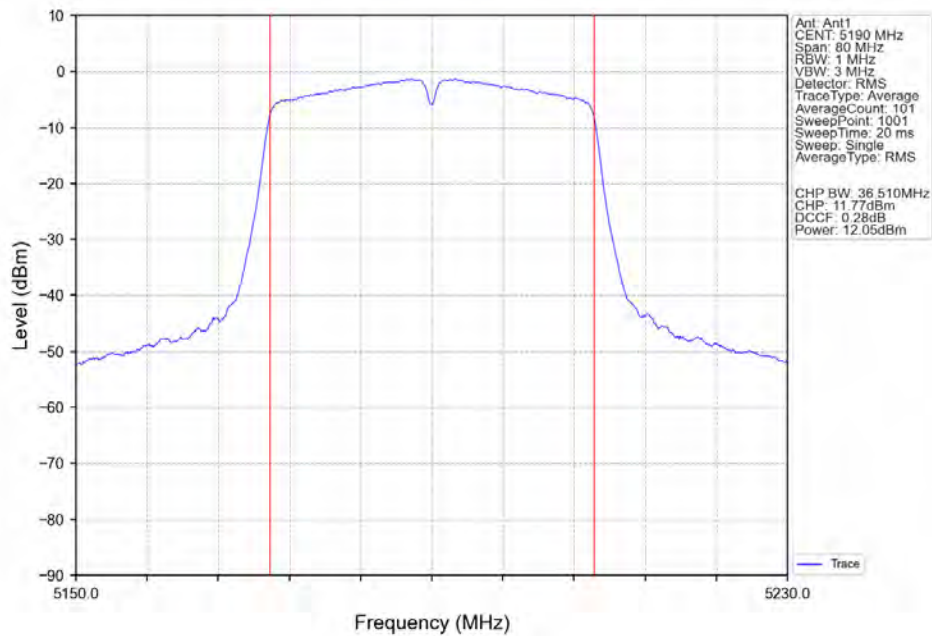
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



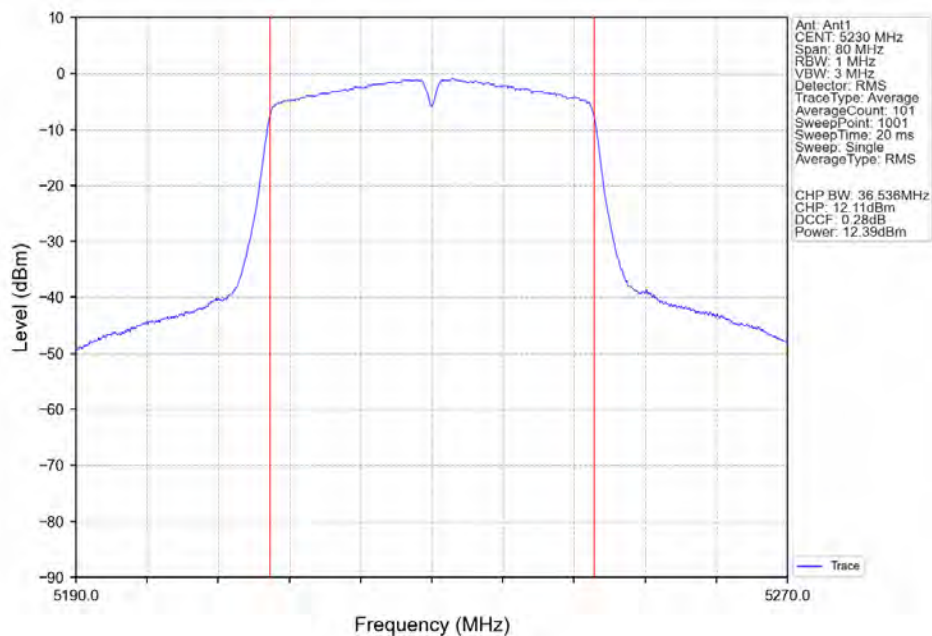
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



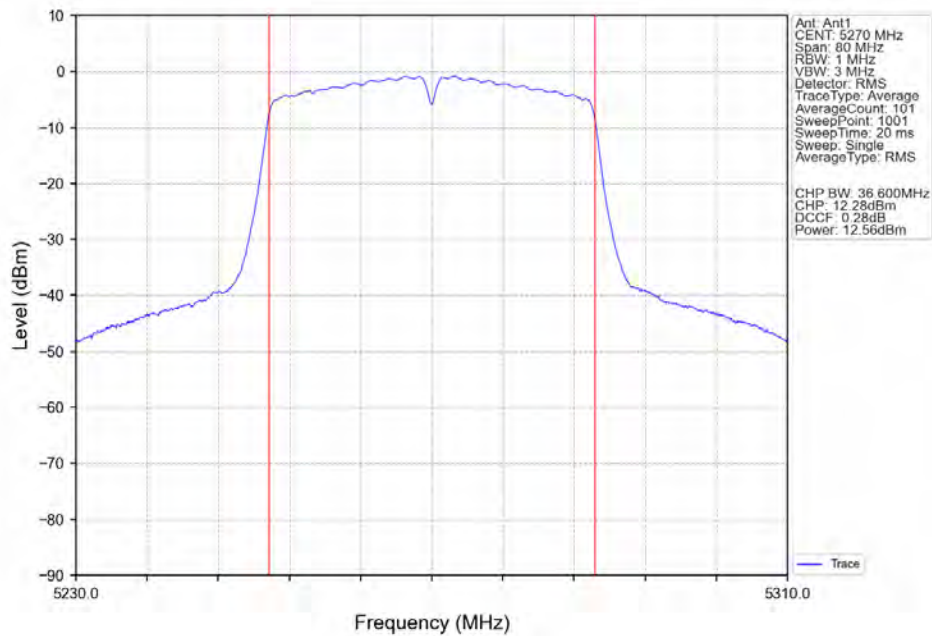
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



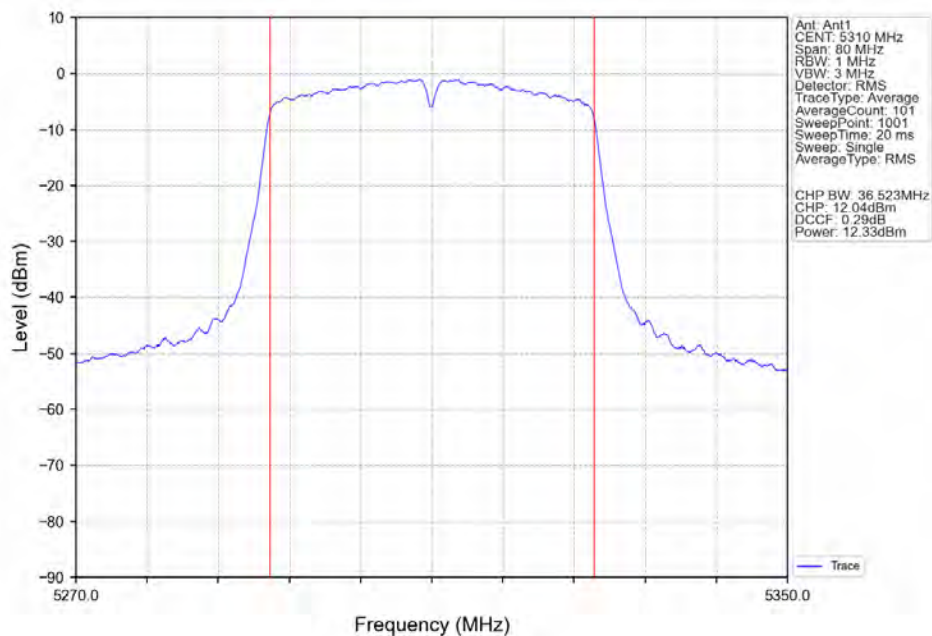
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



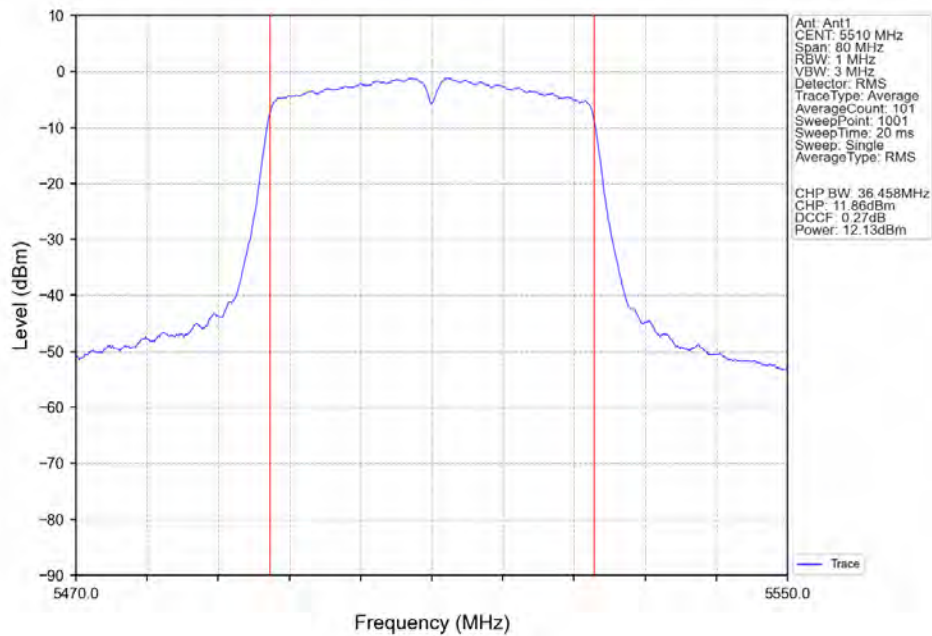
802.11n(HT40)_LCH_5270MHz_Ant2_NTNV



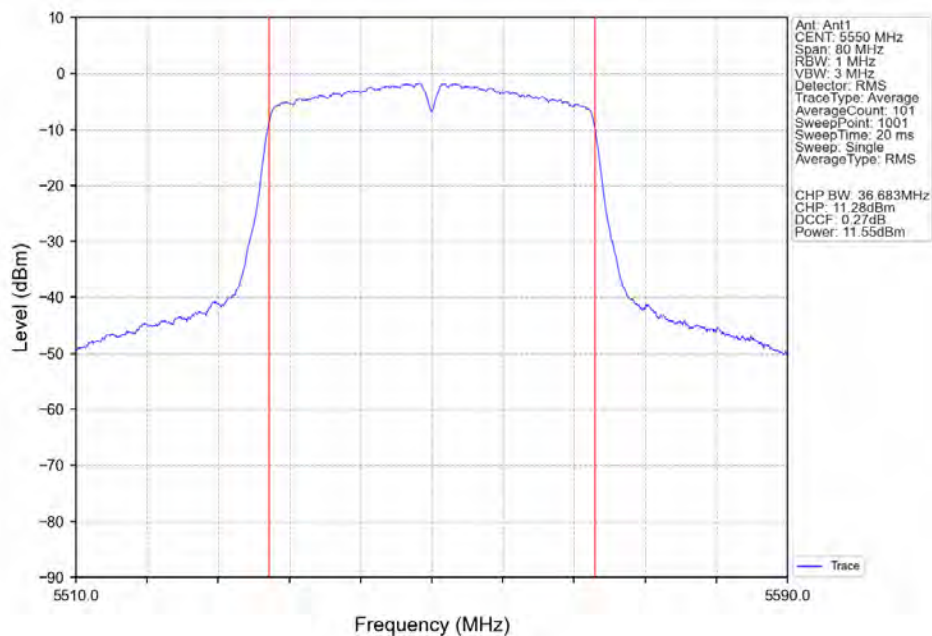
802.11n(HT40)_HCH_5310MHz_Ant2_NTNV



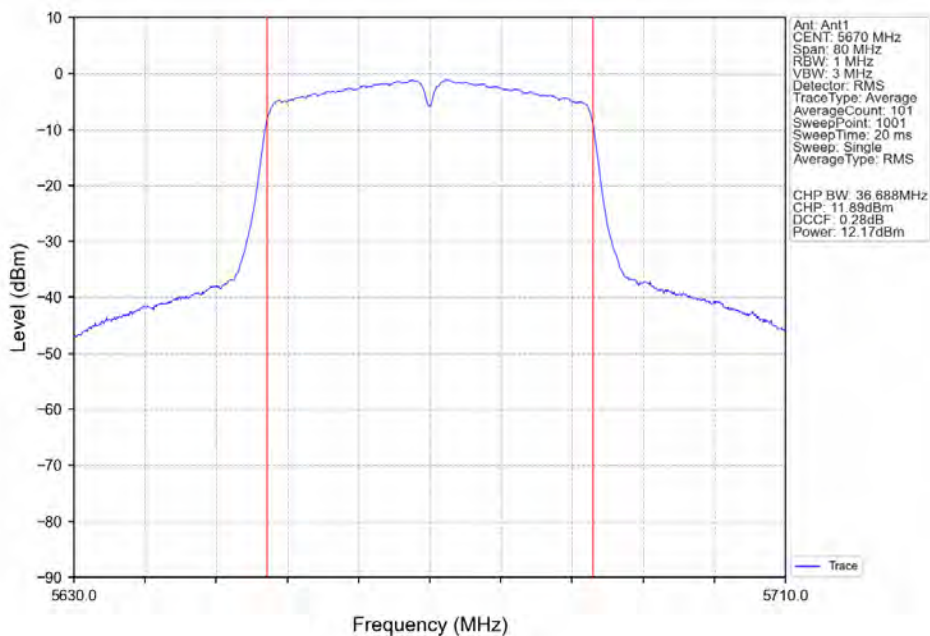
802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



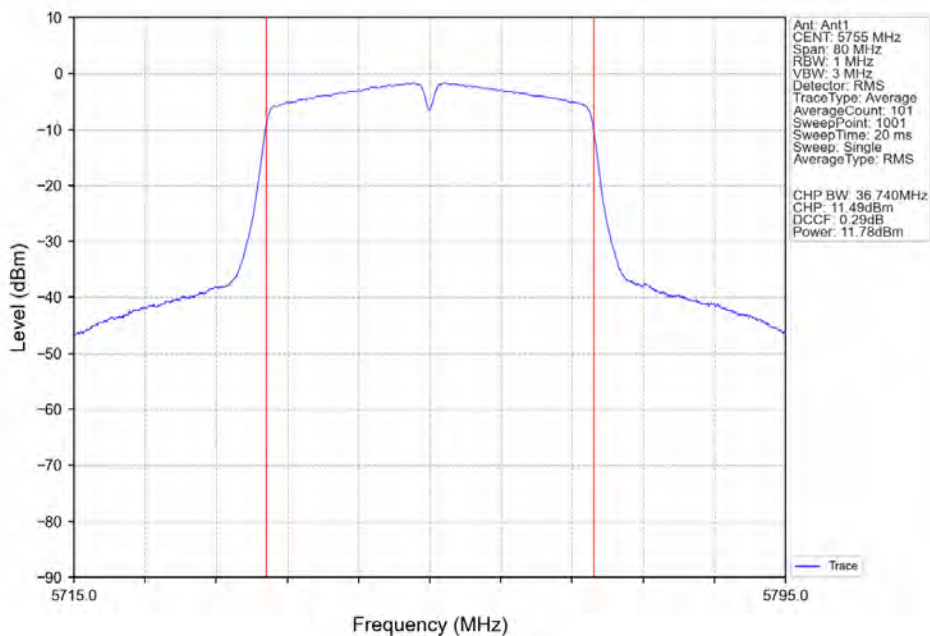
802.11n(HT40)_MCH_5550MHz_Ant2_NTNV



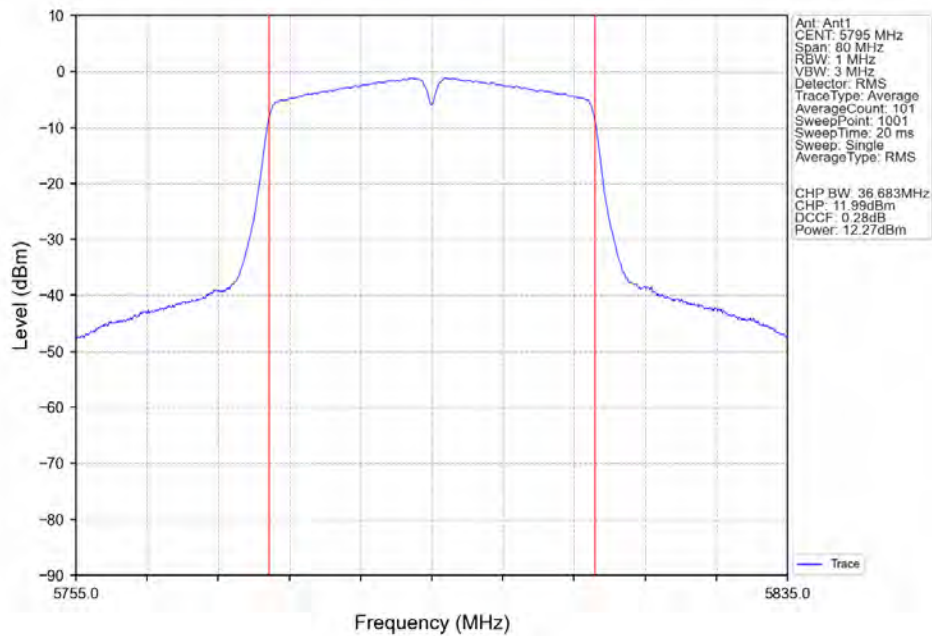
802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



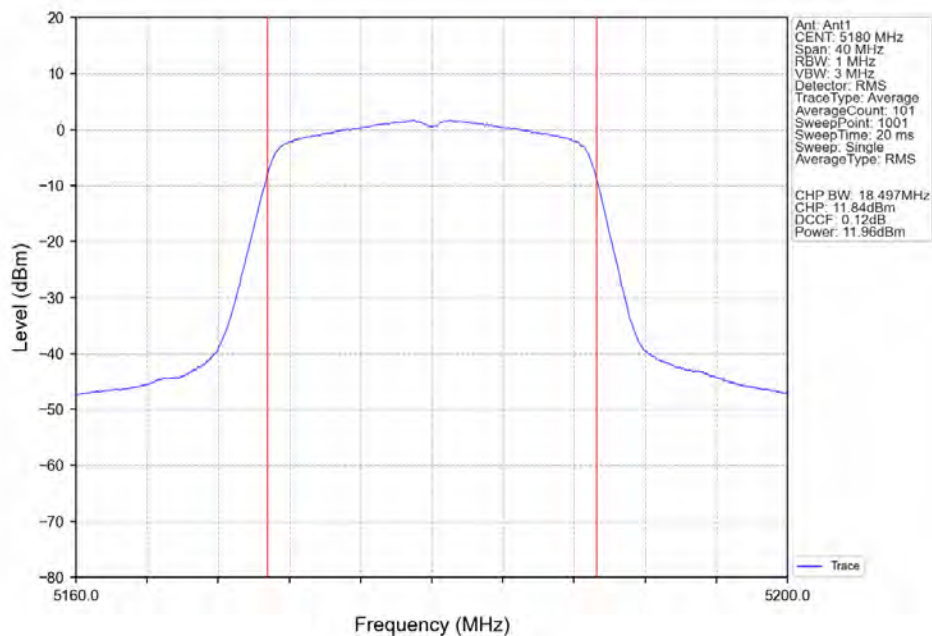
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



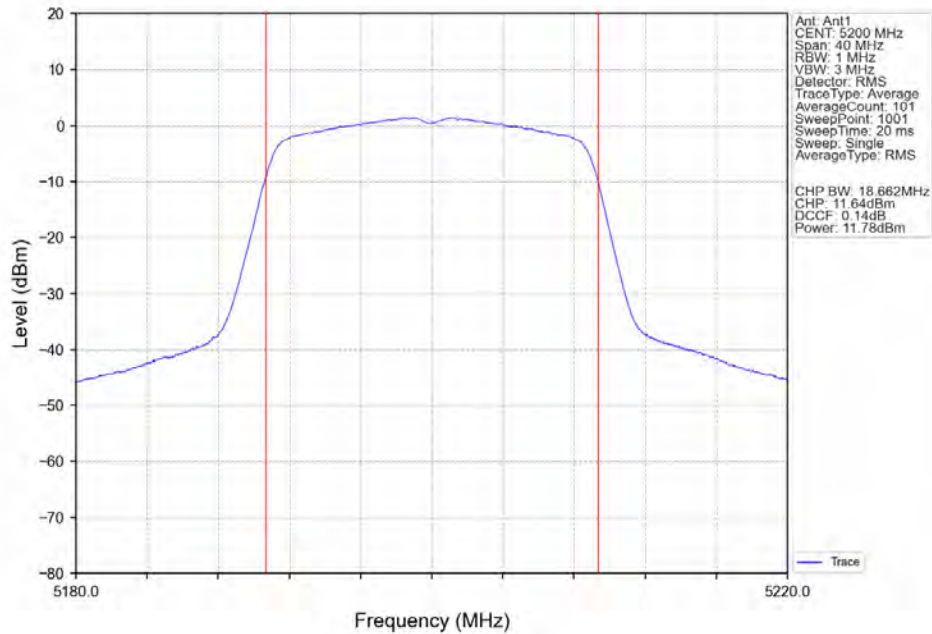
802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



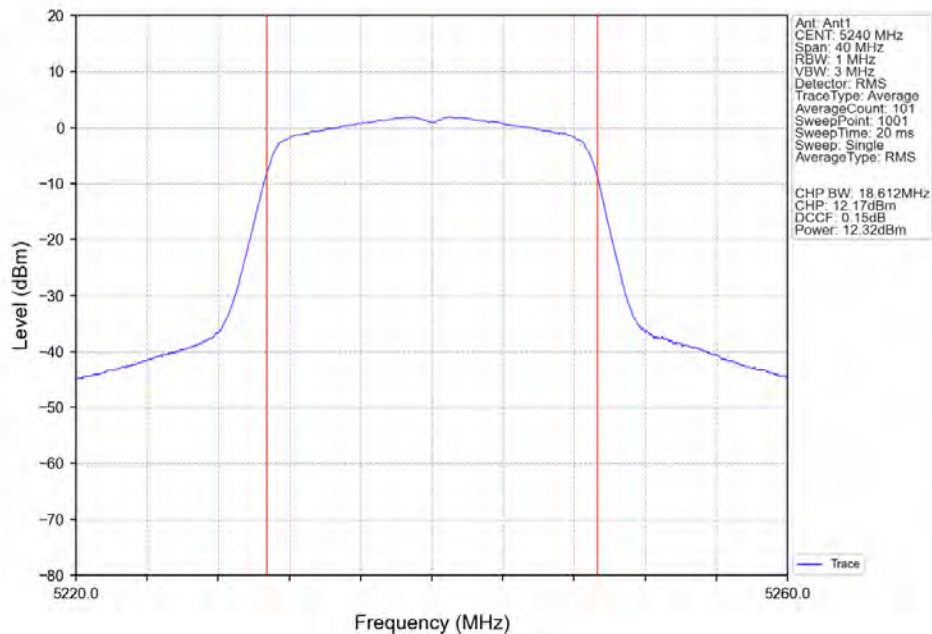
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



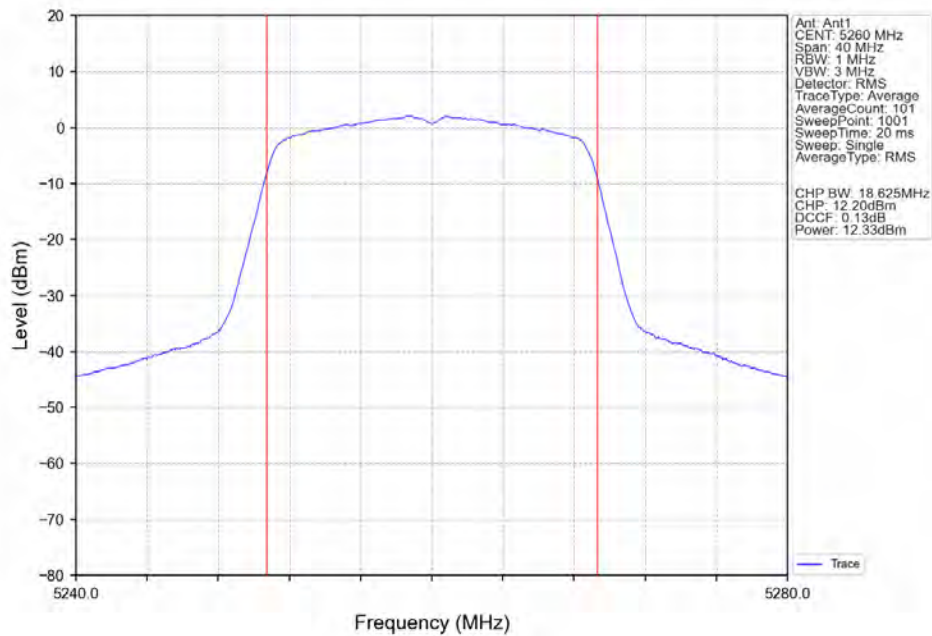
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



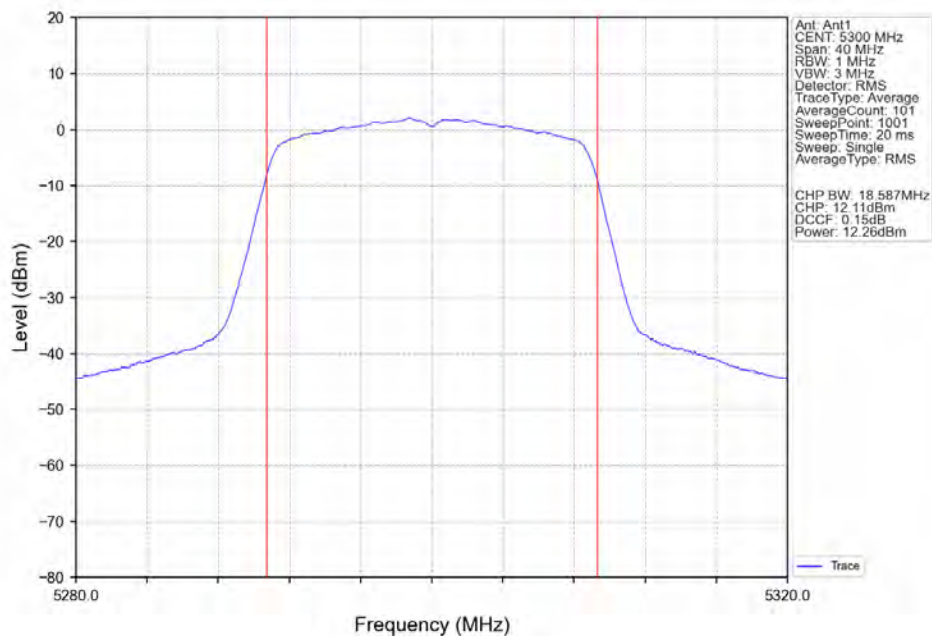
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



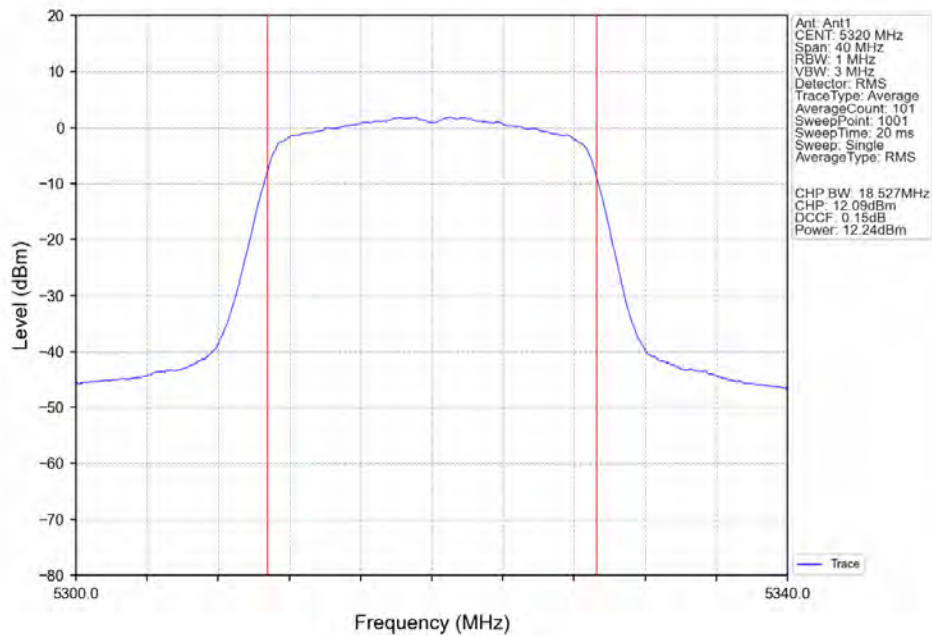
802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV



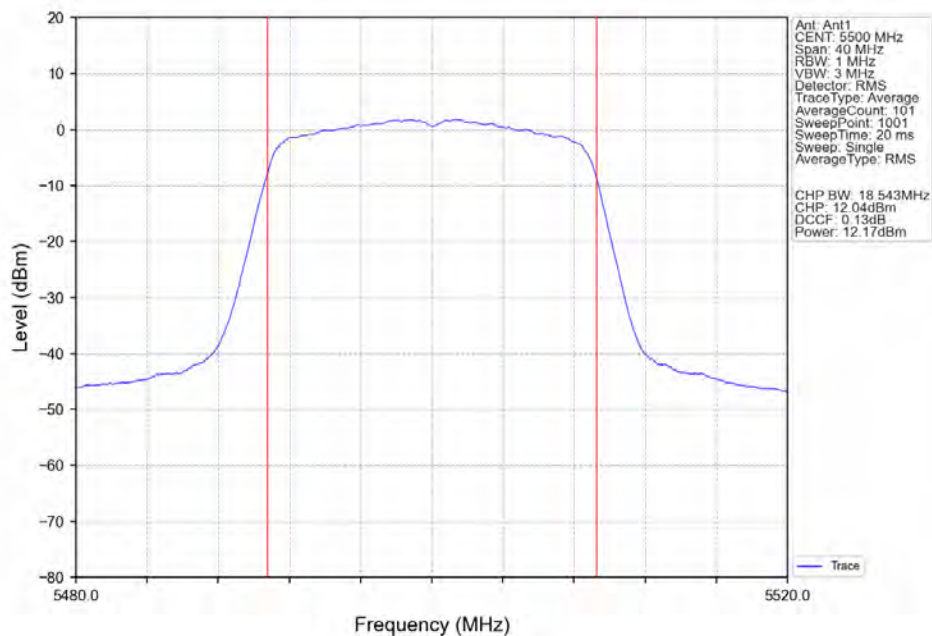
802.11ac(VHT20)_MCH_5300MHz_Ant2_NTNV



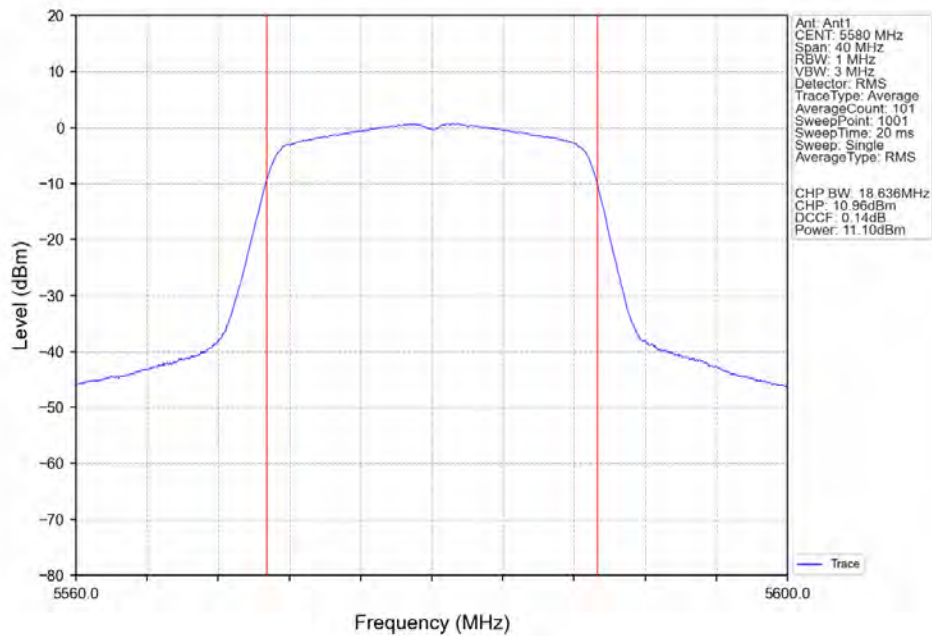
802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV



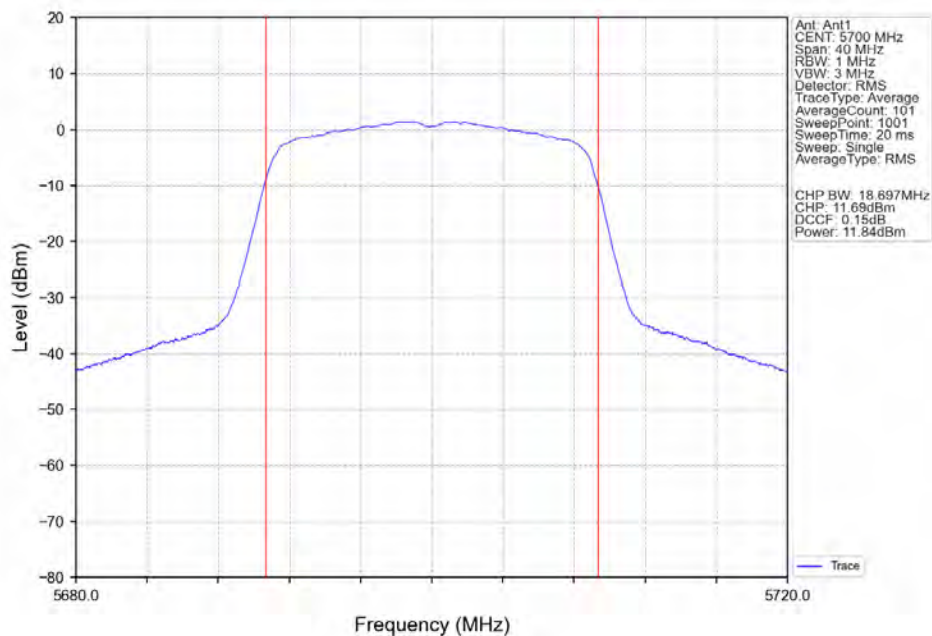
802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV



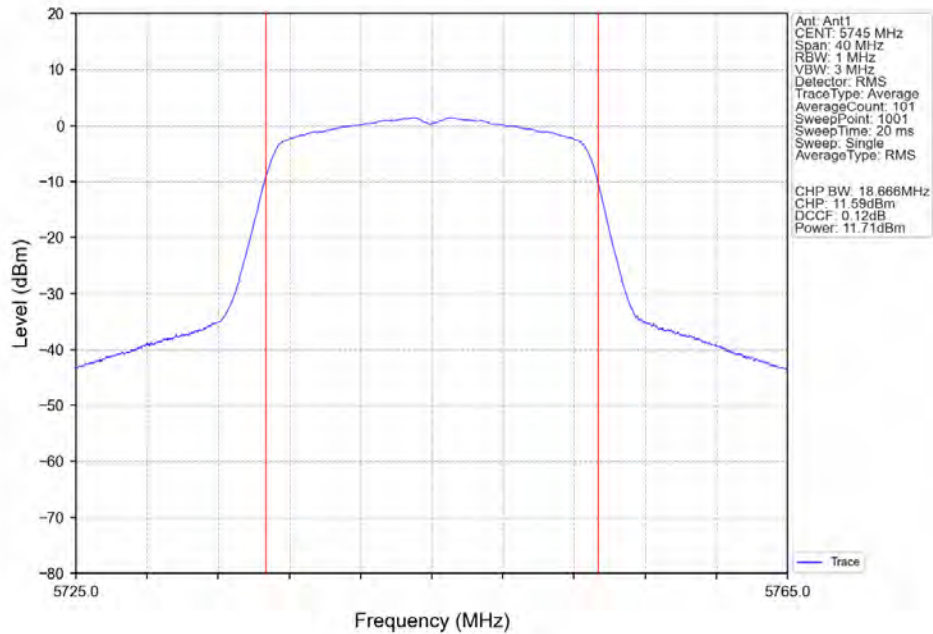
802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV



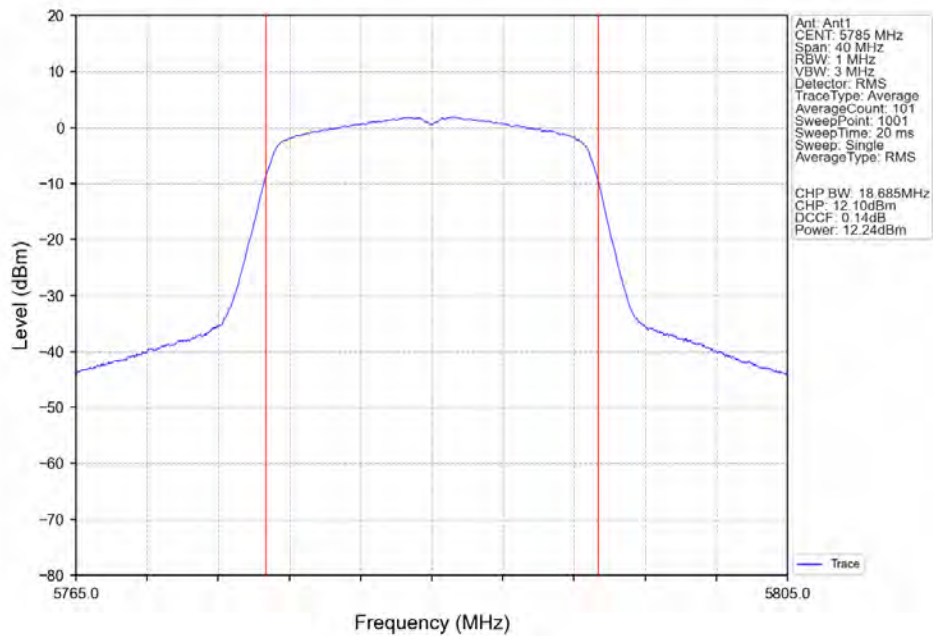
802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV



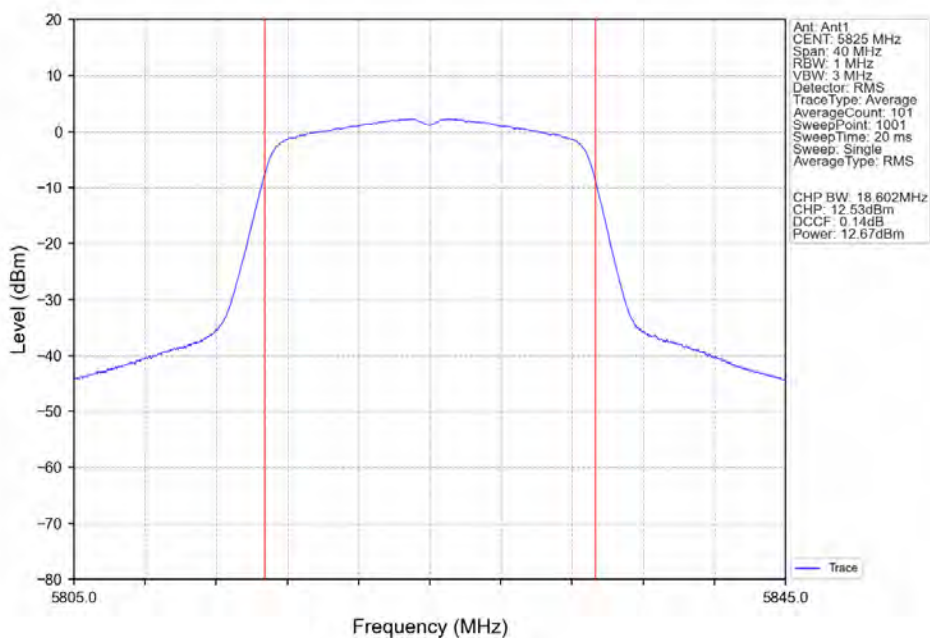
802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



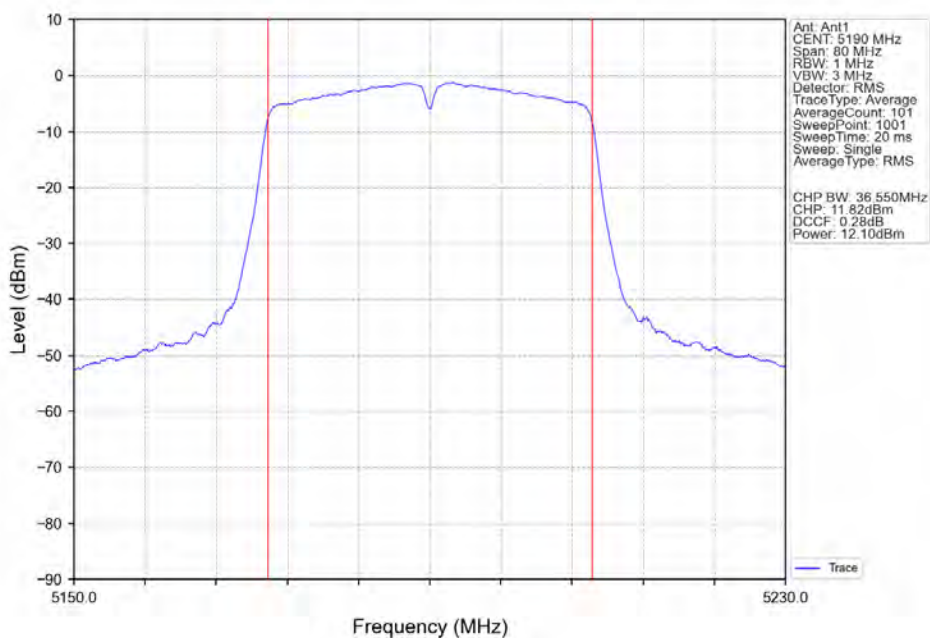
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



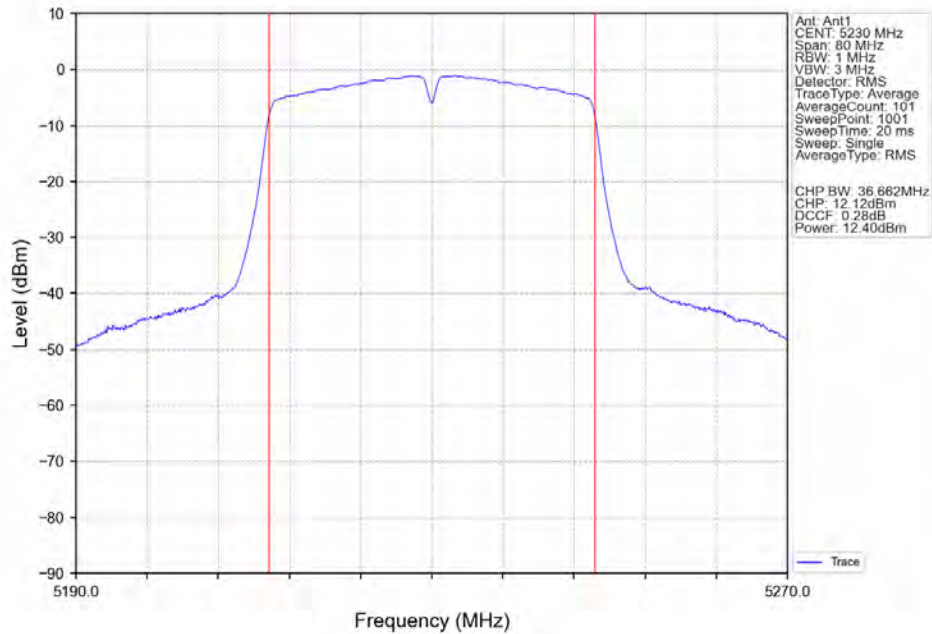
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



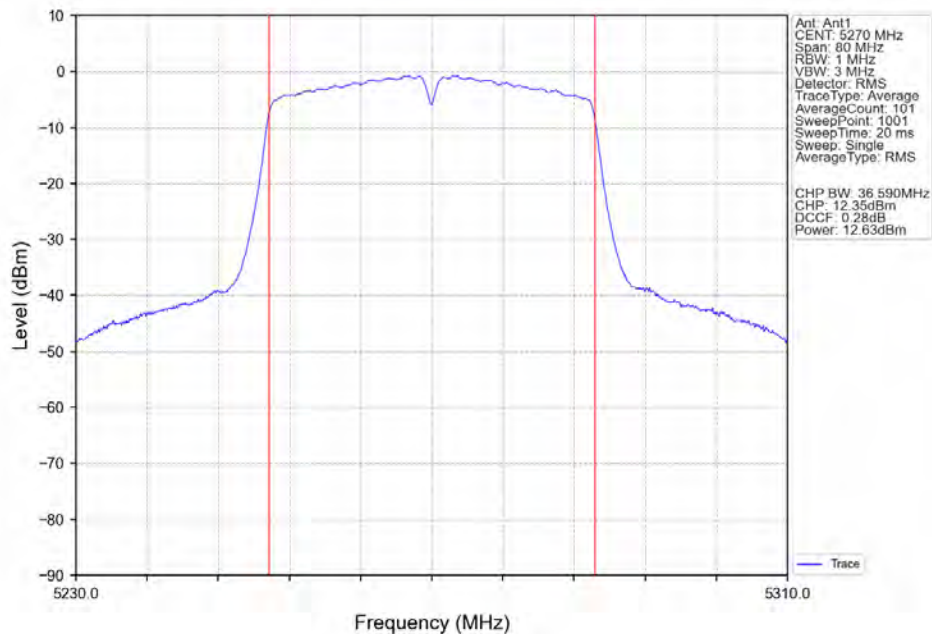
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



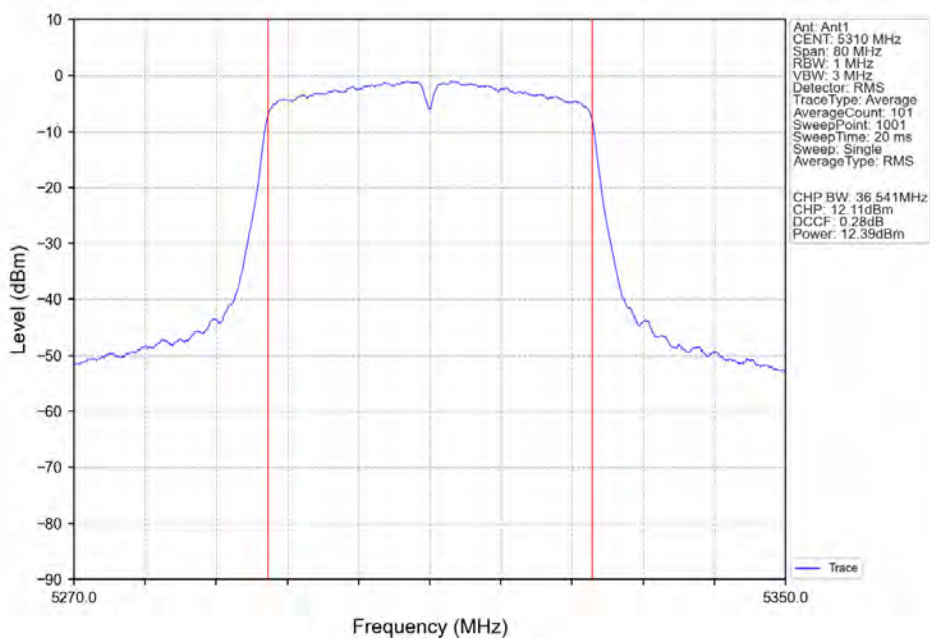
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



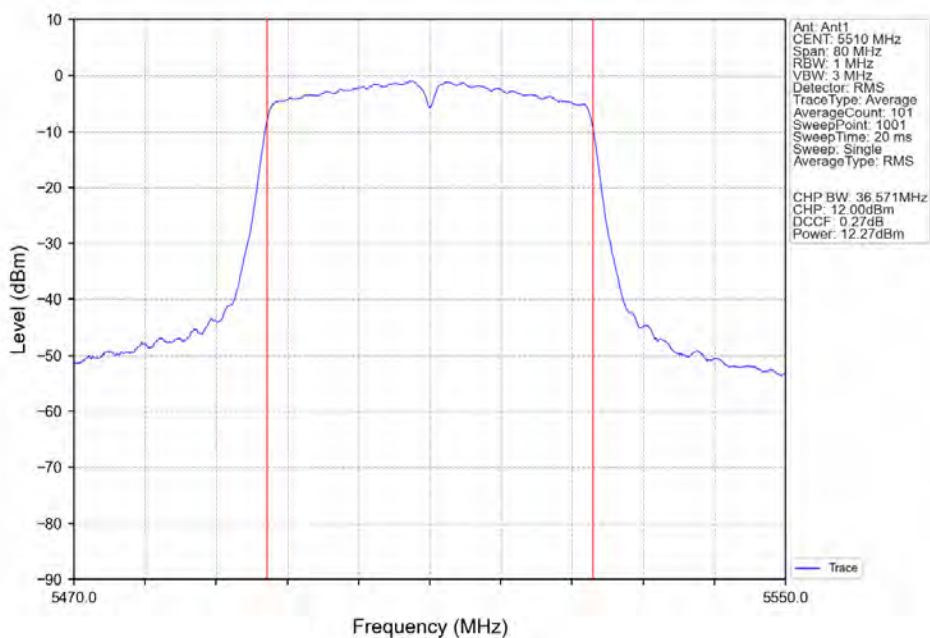
802.11ac(VHT40)_LCH_5270MHz_Ant2_NTNV



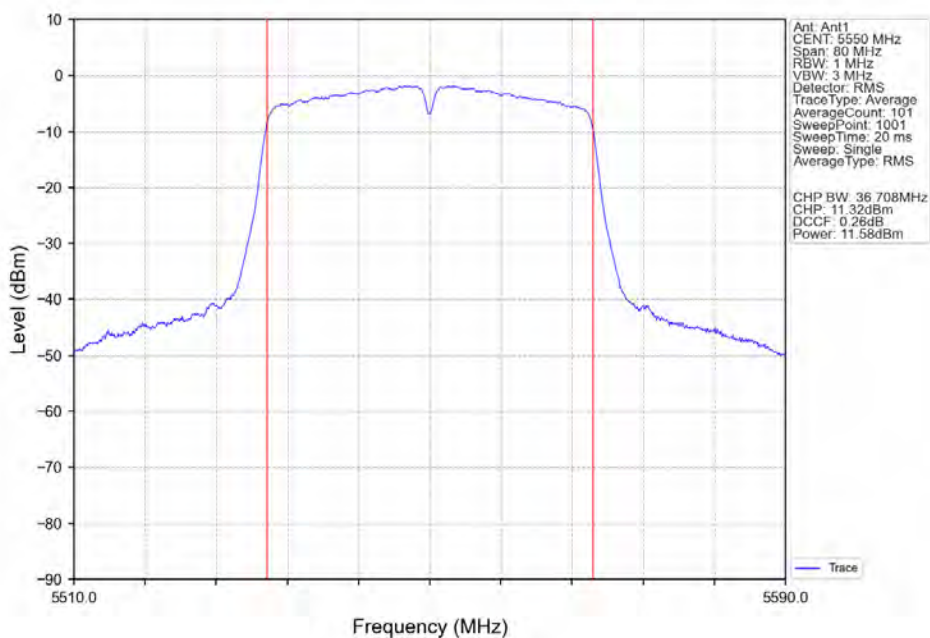
802.11ac(VHT40)_HCH_5310MHz_Ant2_NTNV



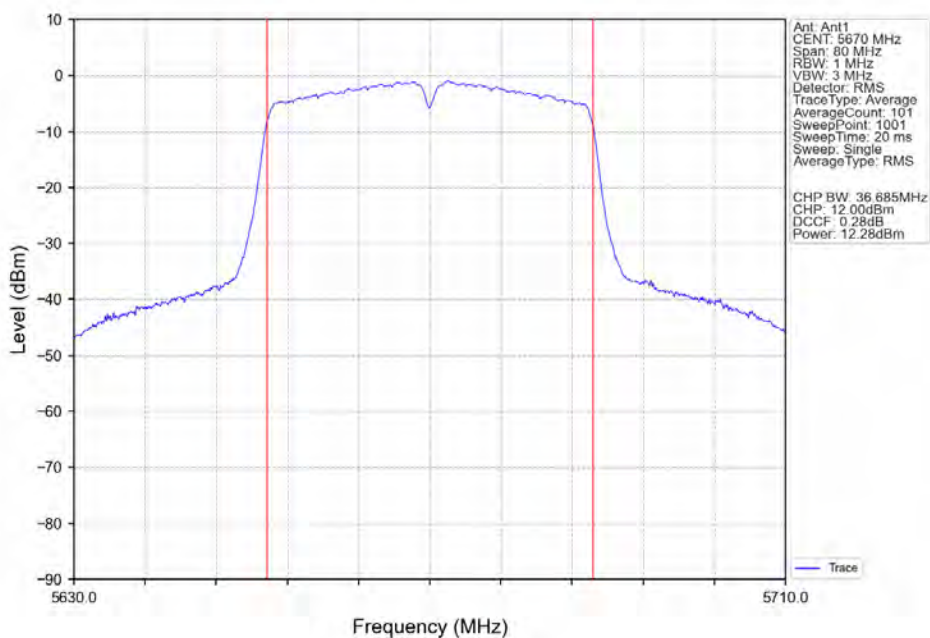
802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV



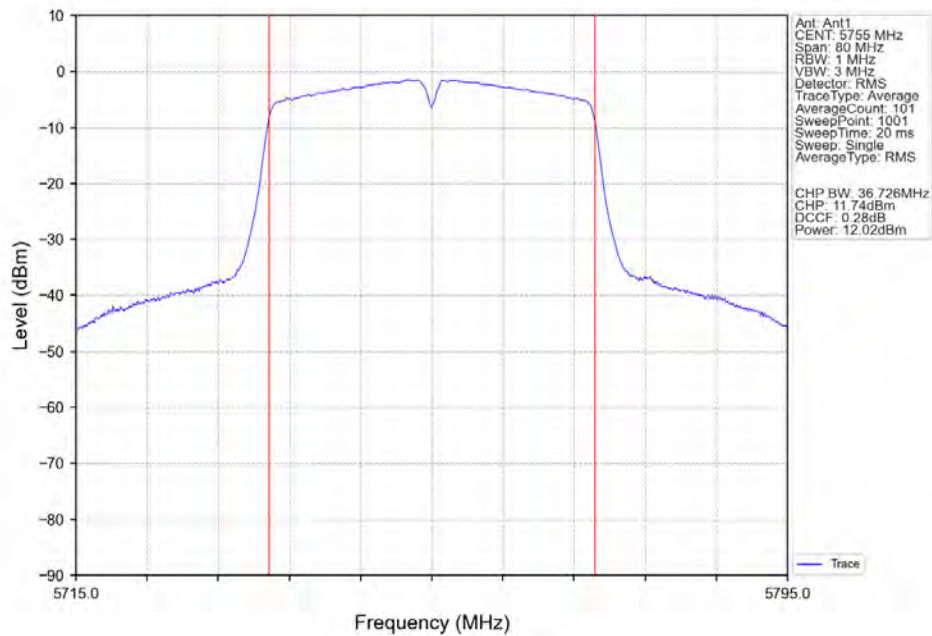
802.11ac(VHT40)_MCH_5550MHz_Ant2_NTNV



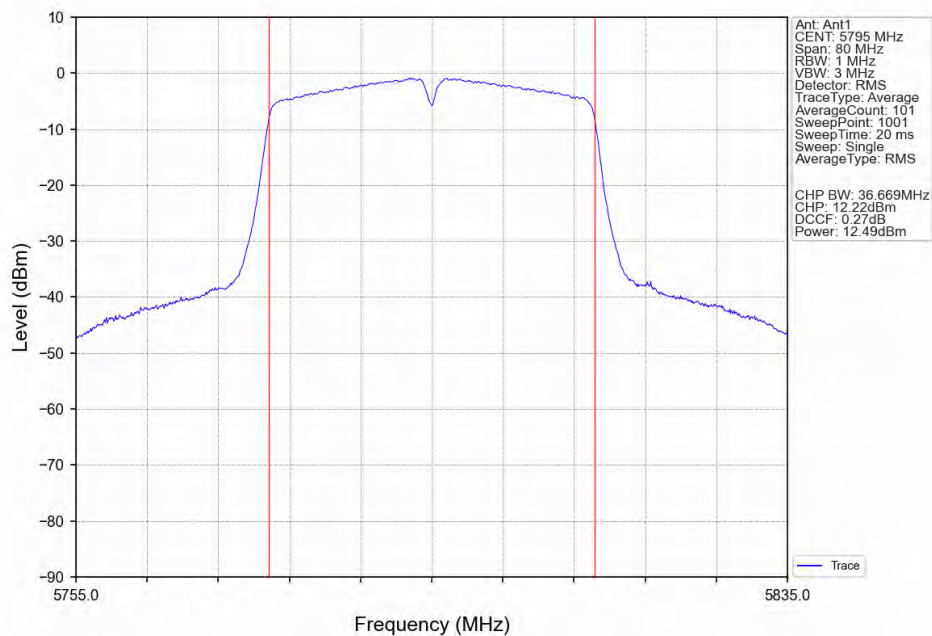
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



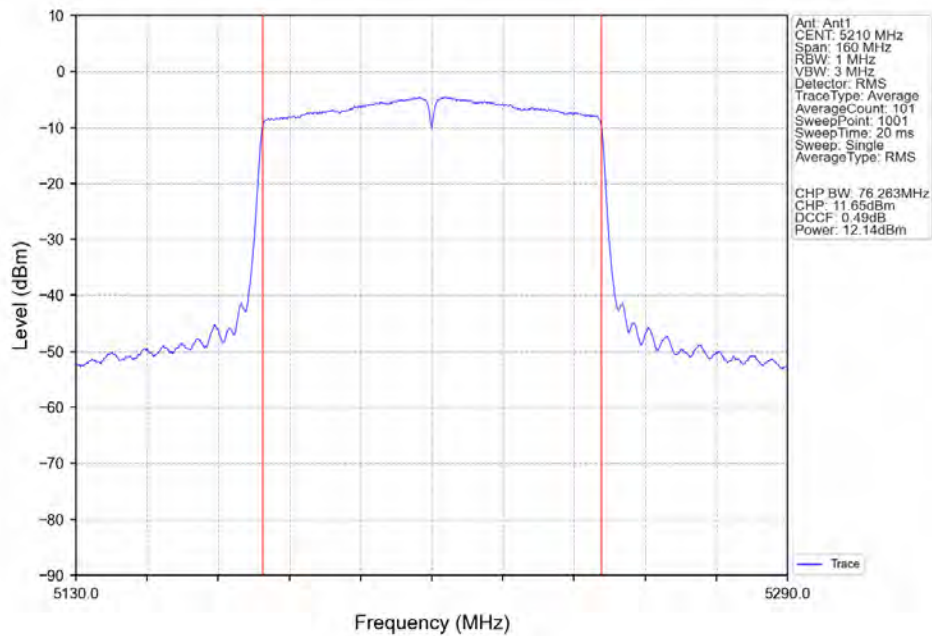
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



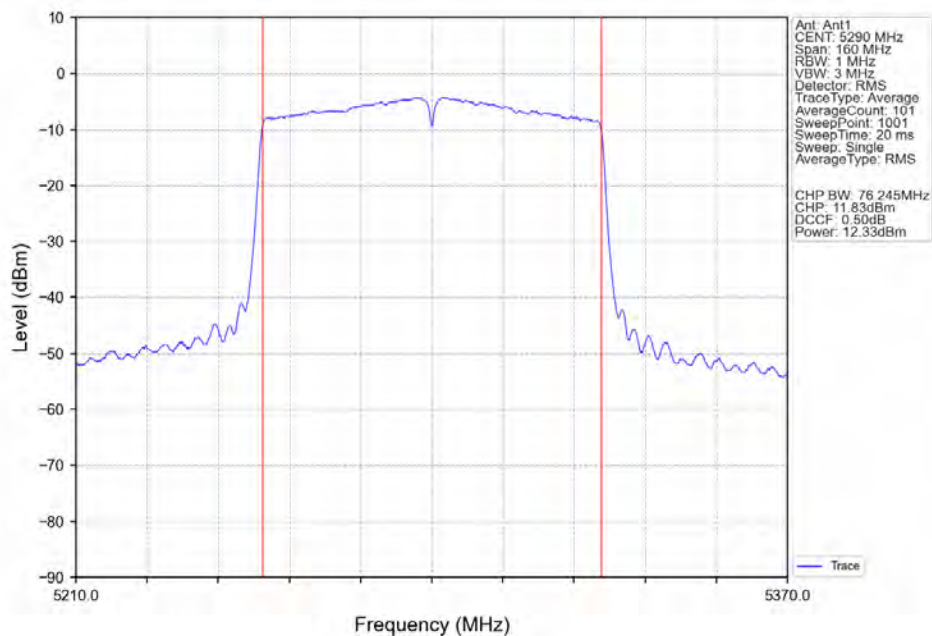
802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



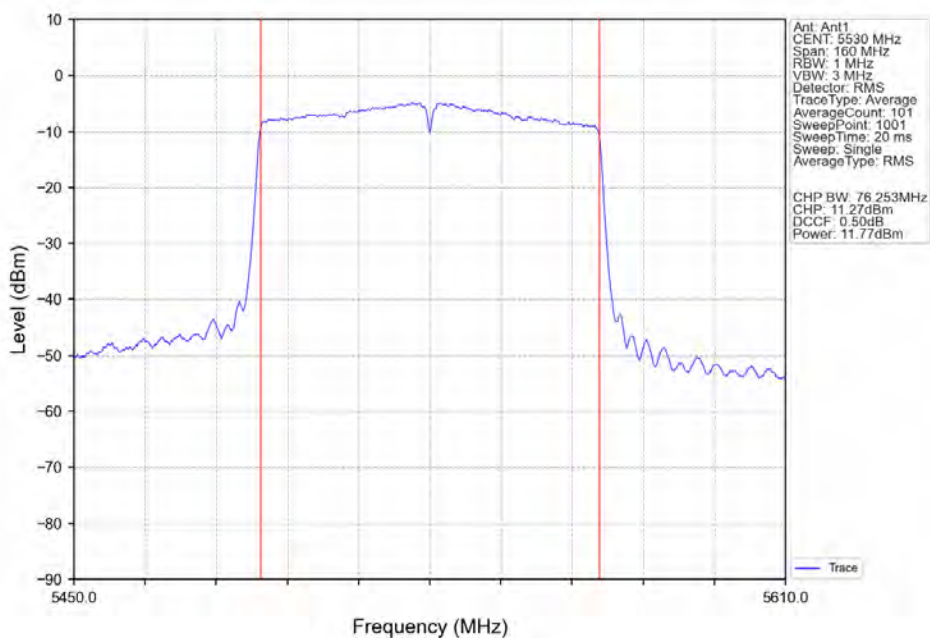
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



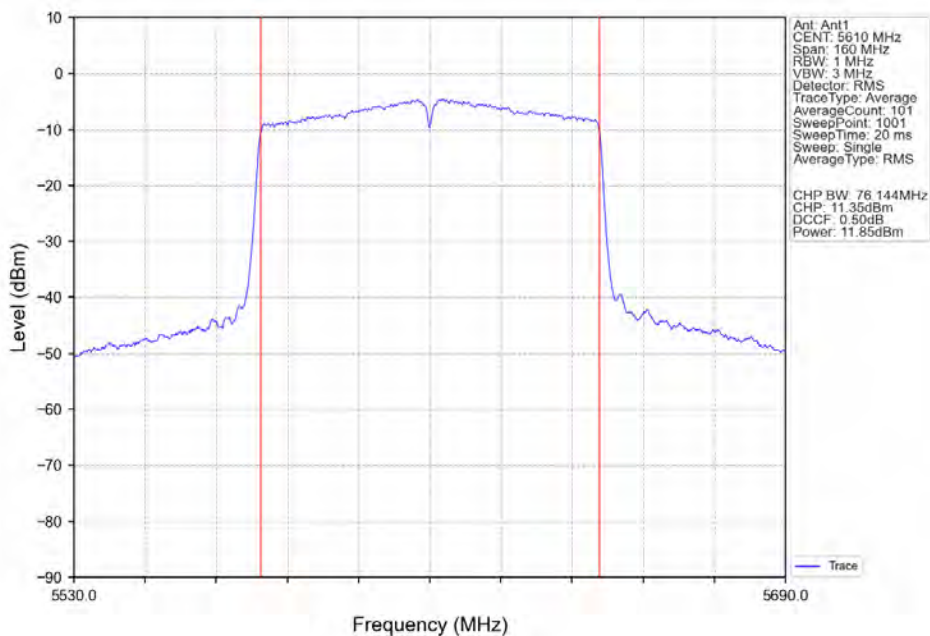
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



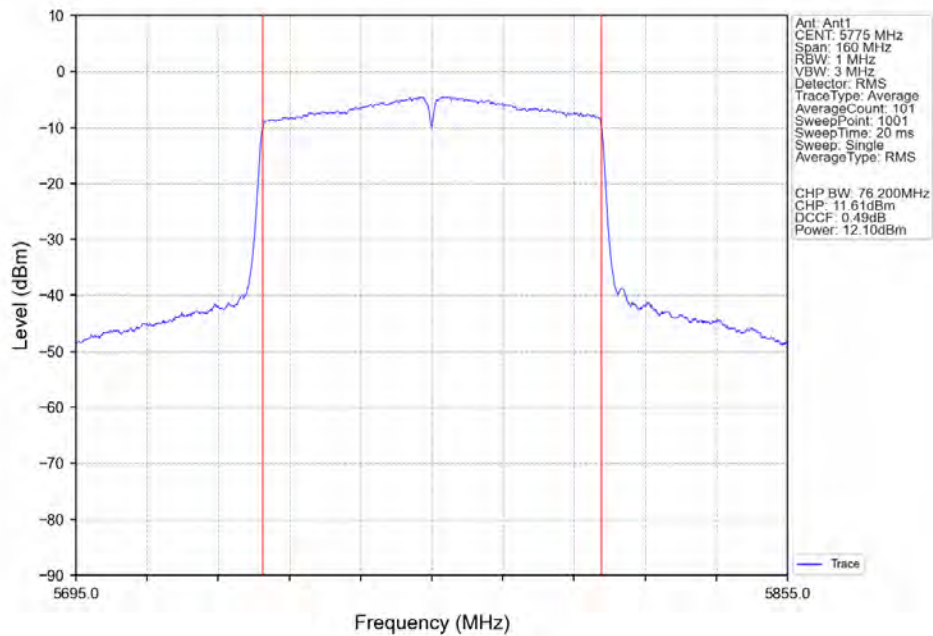
802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
		ANT1	ANT2	ANT Total	Limit	
802.11a	5180	1.24	2.04	N/A	<=11	Pass
	5200	1.16	1.66	N/A	<=11	Pass
	5240	1.86	2.11	N/A	<=11	Pass
	5260	1.83	2.39	N/A	<=11	Pass
	5300	1.69	2.34	N/A	<=11	Pass
	5320	1.76	2.13	N/A	<=11	Pass
	5500	1.59	2.22	N/A	<=11	Pass
	5580	0.45	1.14	N/A	<=11	Pass
802.11n (HT20)	5700	1.14	1.95	N/A	<=11	Pass
	5180	1.05	1.82	4.46	<=9.67	Pass
	5200	0.96	1.58	4.29	<=9.67	Pass
	5240	1.71	2.10	4.92	<=9.67	Pass
	5260	1.51	2.18	4.87	<=9.67	Pass
	5300	1.89	2.14	5.03	<=9.67	Pass
	5320	1.43	1.94	4.70	<=9.67	Pass
	5500	1.46	2.00	4.75	<=9.83	Pass
802.11n (HT40)	5580	0.41	0.83	3.64	<=9.83	Pass
	5700	0.95	1.72	4.36	<=9.83	Pass
	5190	-1.74	-0.98	1.67	<=9.67	Pass
	5230	-1.23	-0.65	2.08	<=9.67	Pass
	5270	-1.03	-0.42	2.30	<=9.67	Pass
	5310	-1.03	-0.75	2.12	<=9.67	Pass
	5510	-1.51	-0.96	1.78	<=9.83	Pass
802.11ac (VHT20)	5550	-2.16	-1.74	1.07	<=9.83	Pass
	5670	-1.73	-0.77	1.79	<=9.83	Pass
	5180	1.04	1.75	4.42	<=9.67	Pass
	5200	1.00	1.69	4.37	<=9.67	Pass
	5240	1.67	2.05	4.87	<=9.67	Pass
	5260	1.67	2.21	4.96	<=9.67	Pass
	5300	1.70	2.11	4.92	<=9.67	Pass
	5320	1.66	2.07	4.88	<=9.67	Pass
802.11ac (VHT40)	5500	1.66	2.04	4.86	<=9.83	Pass
	5580	0.53	0.90	3.73	<=9.83	Pass
	5700	1.19	1.59	4.40	<=9.83	Pass
	5190	-1.67	-0.98	1.70	<=9.67	Pass
	5230	-1.28	-0.68	2.04	<=9.67	Pass
	5270	-1.05	-0.40	2.30	<=9.67	Pass
	5310	-1.25	-0.59	2.10	<=9.67	Pass
802.11ac (VHT80)	5510	-1.35	-0.56	2.07	<=9.83	Pass
	5550	-2.10	-1.56	1.19	<=9.83	Pass
	5670	-1.63	-0.76	1.84	<=9.83	Pass
802.11ac (VHT80)	5210	-4.57	-4.08	-1.31	<=9.67	Pass
	5290	-4.27	-3.77	-1.00	<=9.67	Pass

	5530	-4.86	-4.40	-1.61	≤ 9.83	Pass
	5610	-4.81	-4.09	-1.42	≤ 9.83	Pass

4.1.2 PSD-Band3

Mode	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
		ANT1	ANT2	ANT Total	Limit	
802.11a	5745	-1.18	-0.79	N/A	≤ 30	Pass
	5785	-0.54	-0.35	N/A	≤ 30	Pass
	5825	-0.28	0.10	N/A	≤ 30	Pass
802.11n (HT20)	5745	-1.62	-0.95	1.74	≤ 28.93	Pass
	5785	-0.97	-0.62	2.22	≤ 28.93	Pass
	5825	-0.58	-0.17	2.64	≤ 28.93	Pass
802.11n (HT40)	5755	-4.28	-3.91	-1.08	≤ 28.93	Pass
	5795	-3.57	-3.23	-0.39	≤ 28.93	Pass
802.11ac (VHT20)	5745	-1.30	-0.89	1.92	≤ 28.93	Pass
	5785	-0.80	-0.45	2.39	≤ 28.93	Pass
	5825	-0.33	-0.03	2.83	≤ 28.93	Pass
802.11ac (VHT40)	5755	-4.30	-3.61	-0.93	≤ 28.93	Pass
	5795	-3.70	-3.16	-0.41	≤ 28.93	Pass
802.11ac (VHT80)	5775	-6.77	-6.41	-3.58	≤ 28.93	Pass

Note1: Total Power density = ANT 1+ANT 2

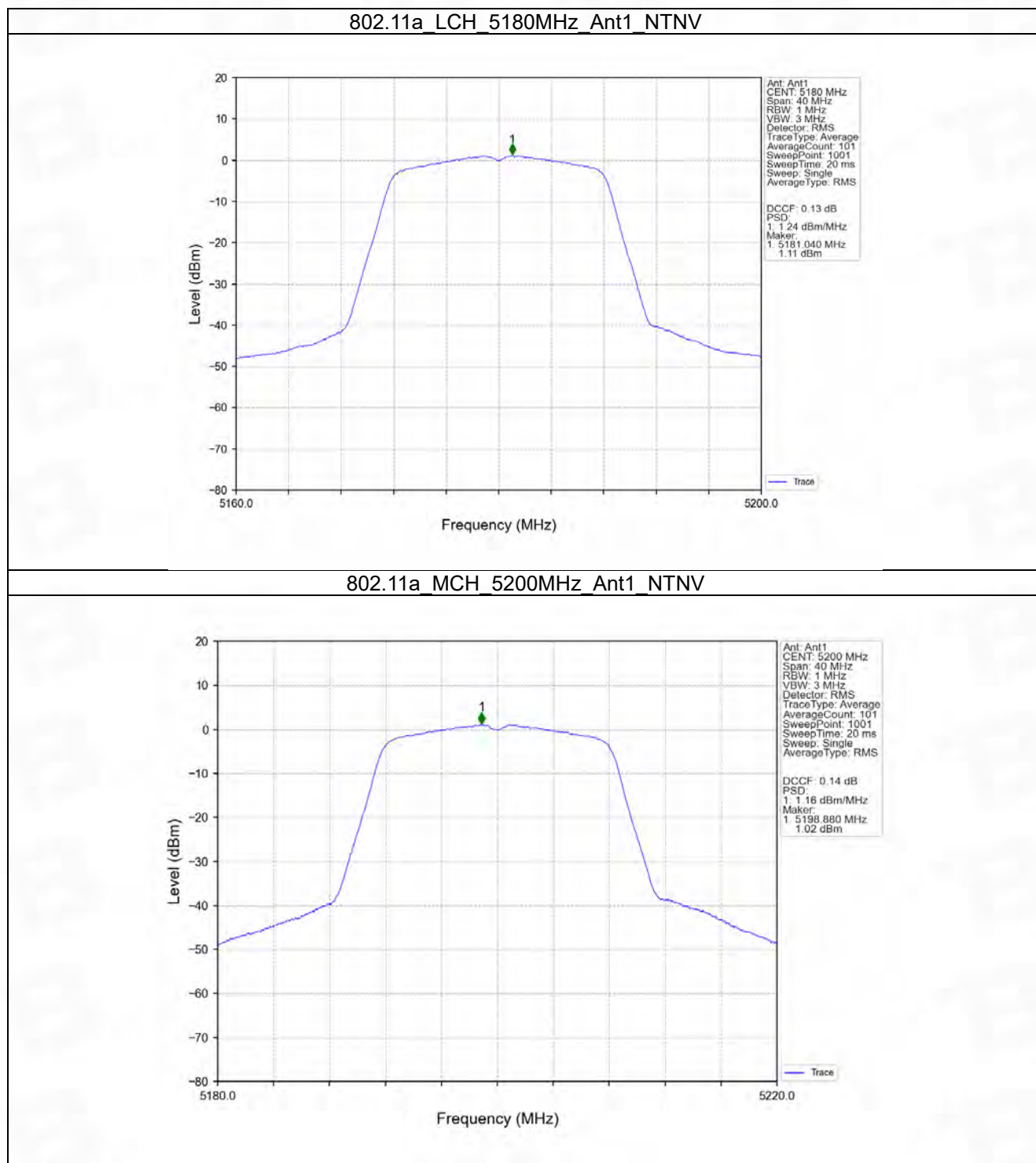
Note2: Directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi=5.16+3.01=8.17dBi>6dBi

Note3: FCC limit=11-(4.32 + 10 log(2)-6)=9.67dBi (for 5.18~5.24 GHz)
FCC limit=11-(4.32 + 10 log(2)-6)=9.67dBi (for 5.26~5.32 GHz)
FCC limit=11-(4.16 + 10 log(2)-6)= 9.83dBi (for 5.50~5.70 GHz)
FCC limit=30-(4.06 + 10 log(2)-6)= 28.93dBi (for 5.725~5.85 GHz)

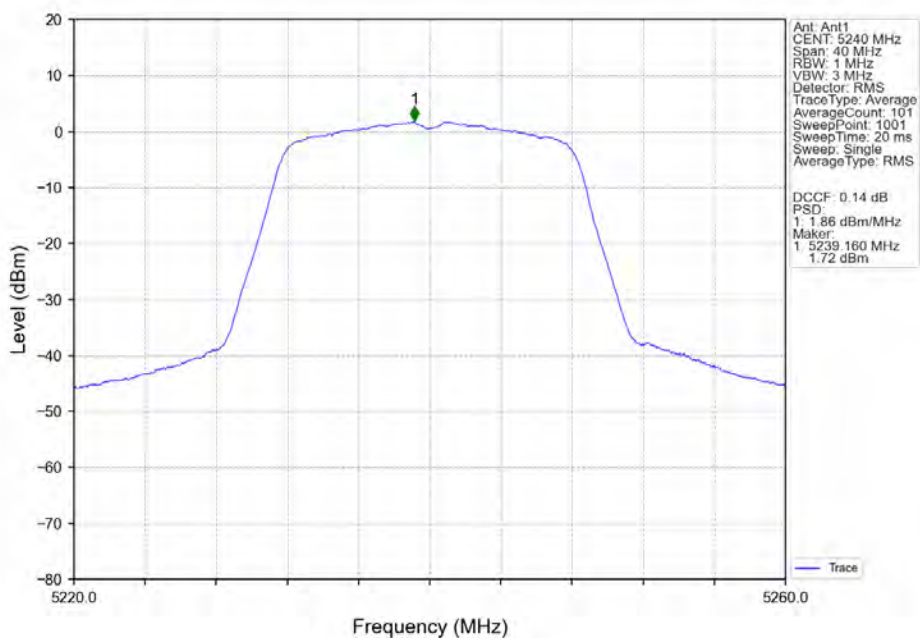
4.2 Test Graph

4.2.1 PSD

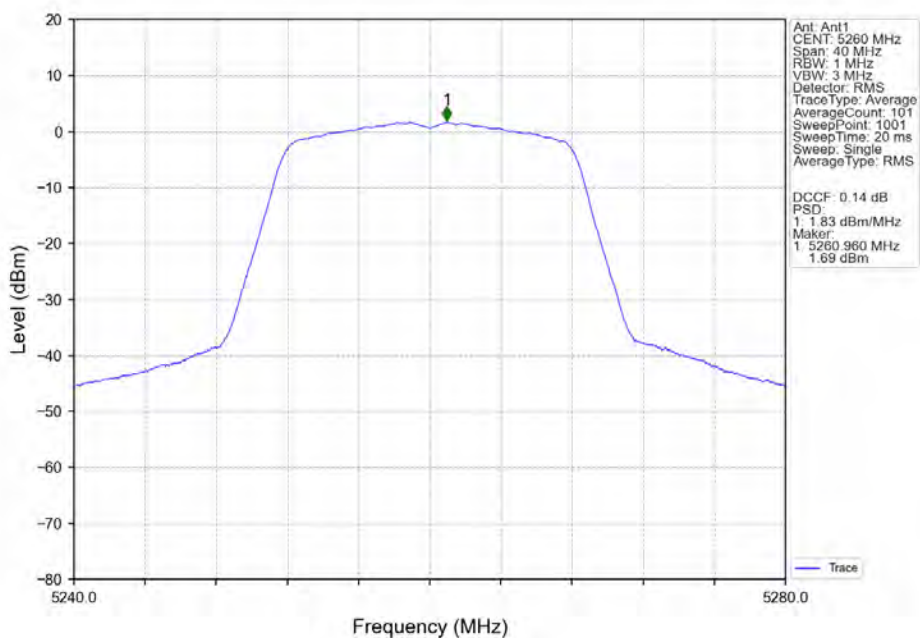
ANT1



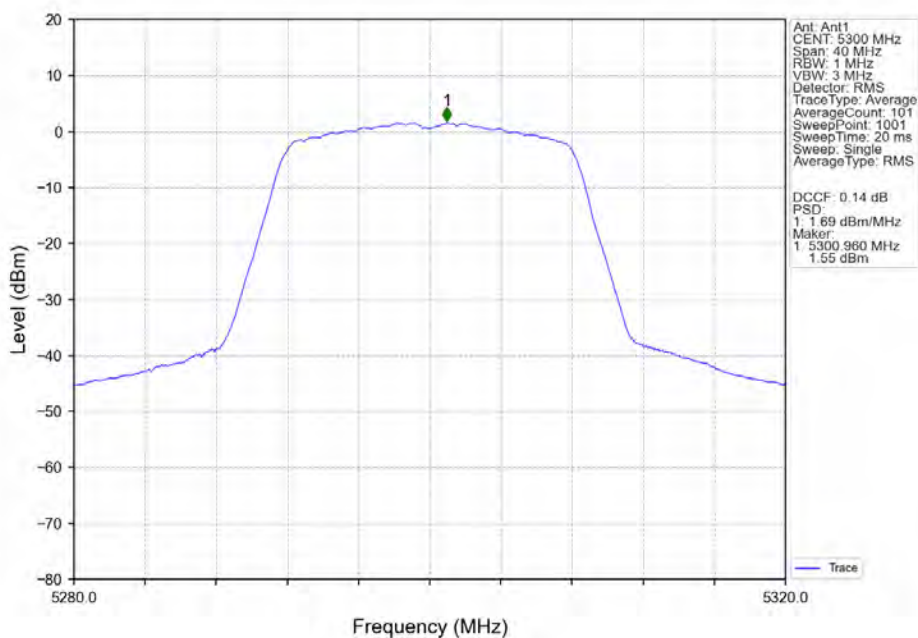
802.11a_HCH_5240MHz_Ant1_NTNV



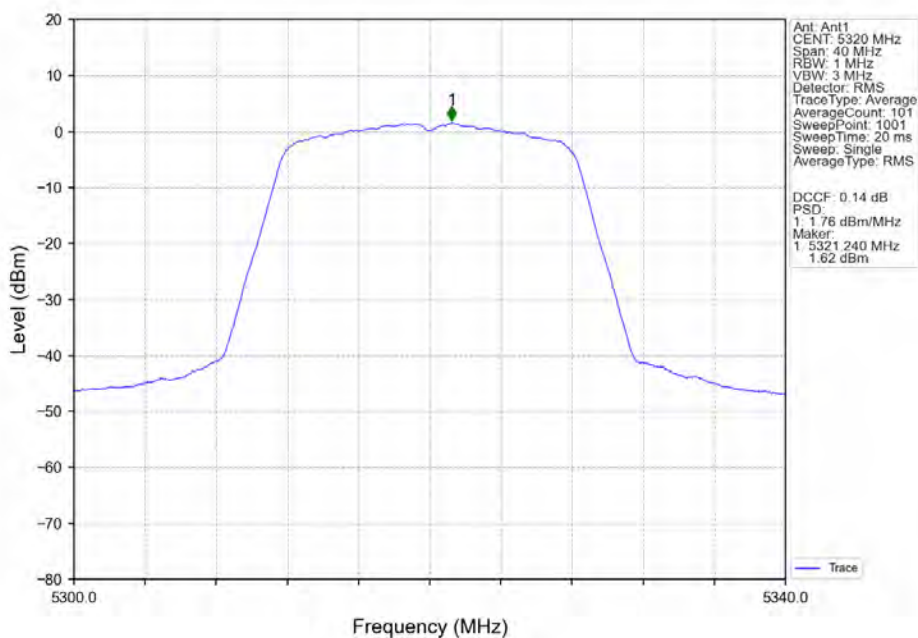
802.11a_LCH_5260MHz_Ant1_NTNV



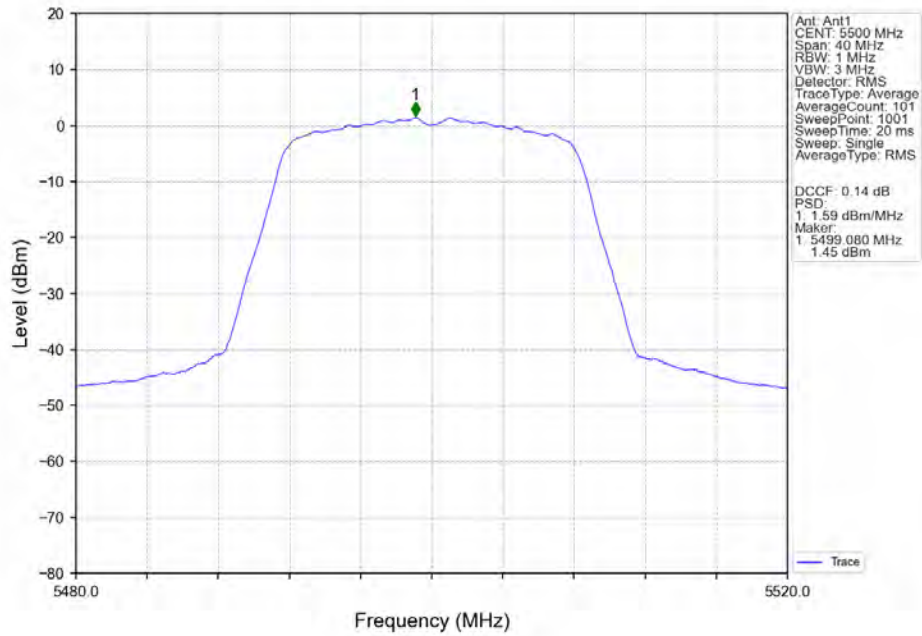
802.11a_MCH_5300MHz_Ant1_NTNV



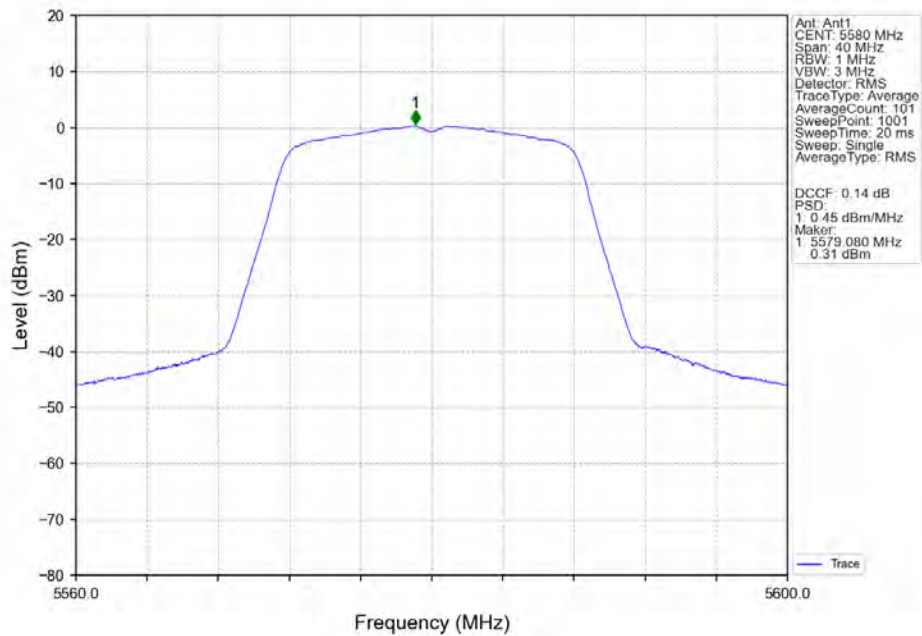
802.11a_HCH_5320MHz_Ant1_NTNV



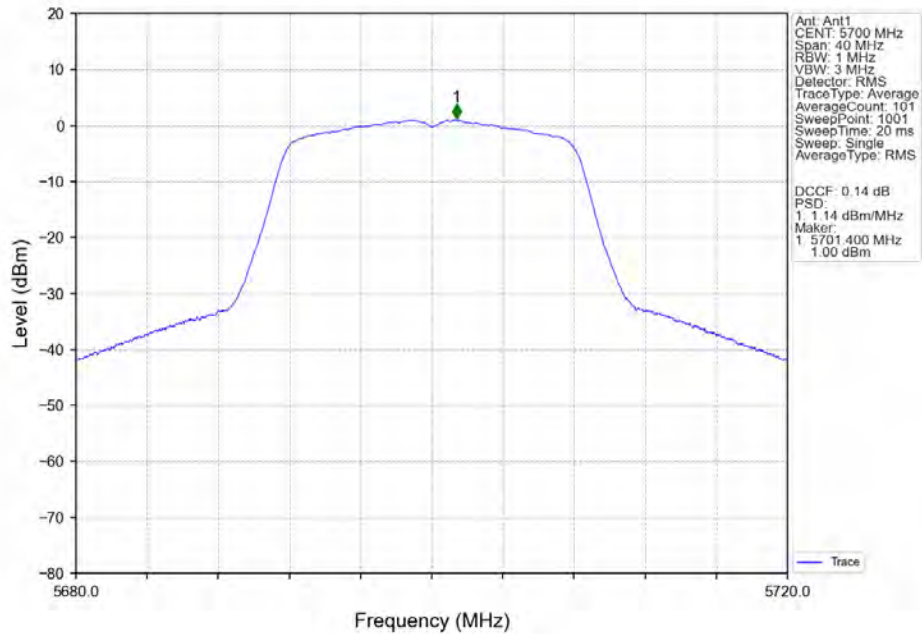
802.11a_LCH_5500MHz_Ant1_NTNV



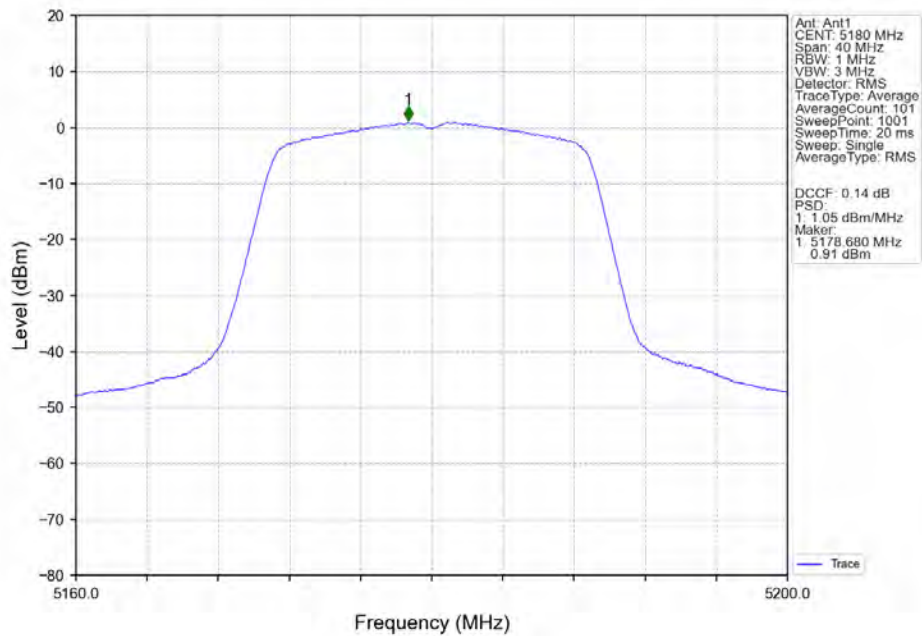
802.11a_MCH_5580MHz_Ant1_NTNV



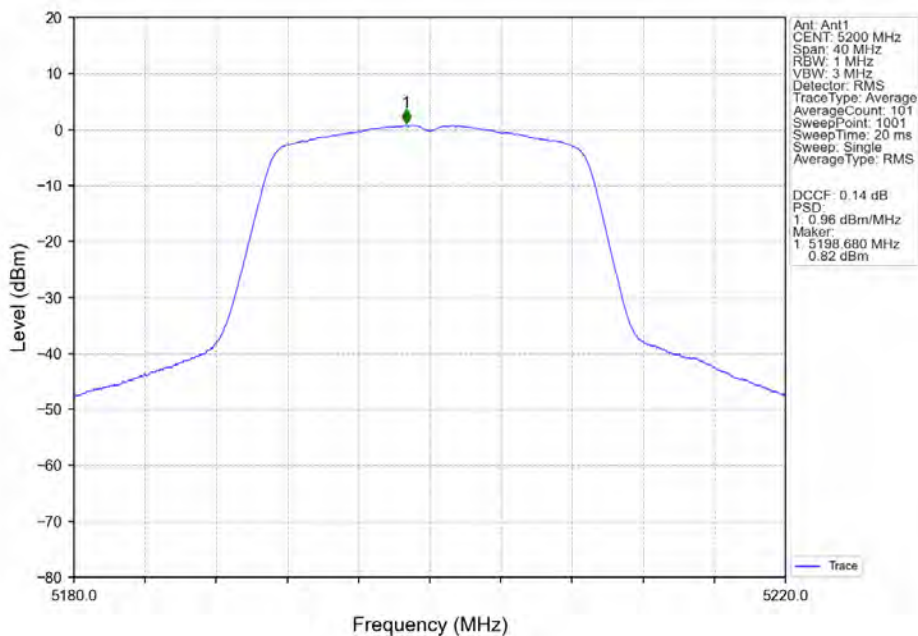
802.11a_HCH_5700MHz_Ant1_NTNV



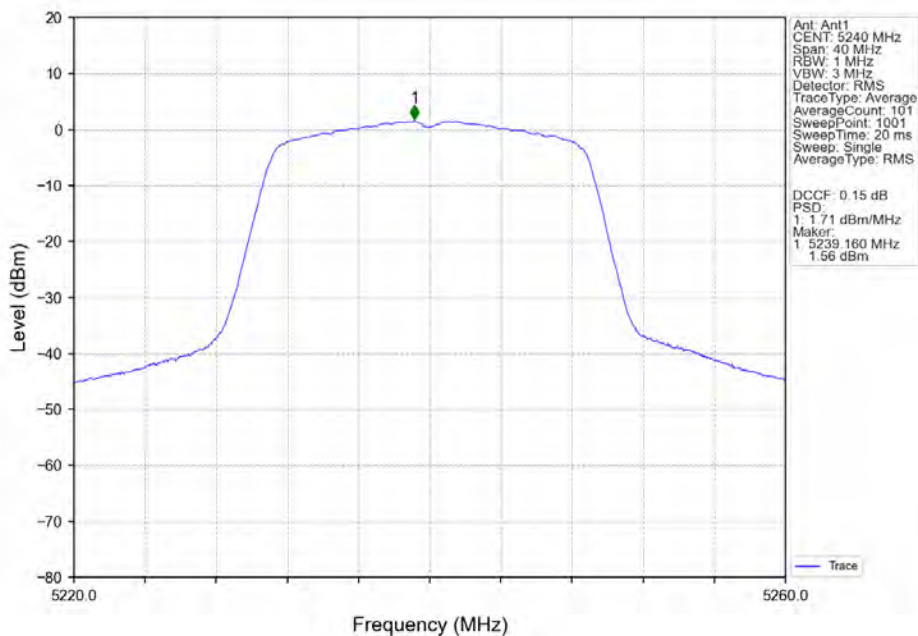
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



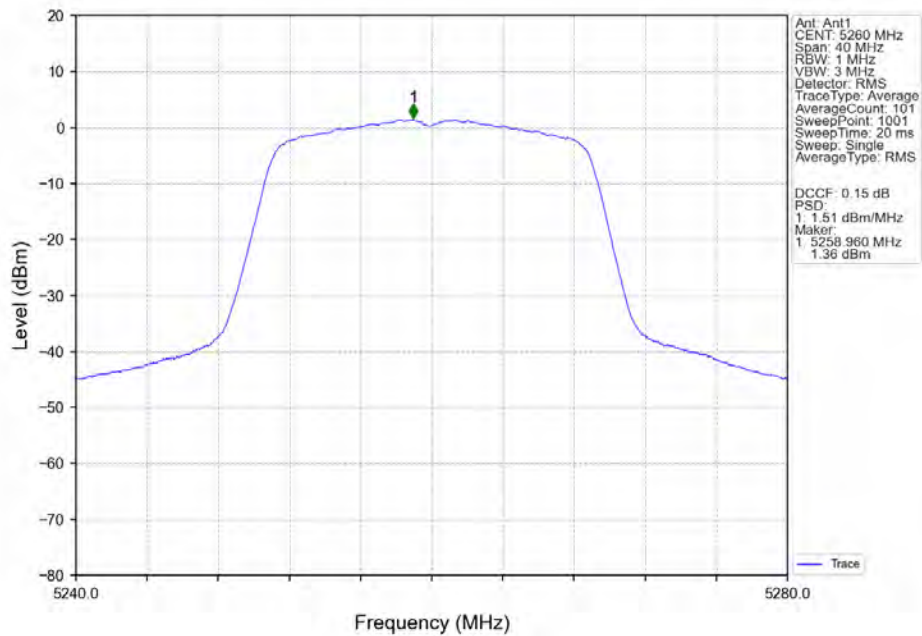
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



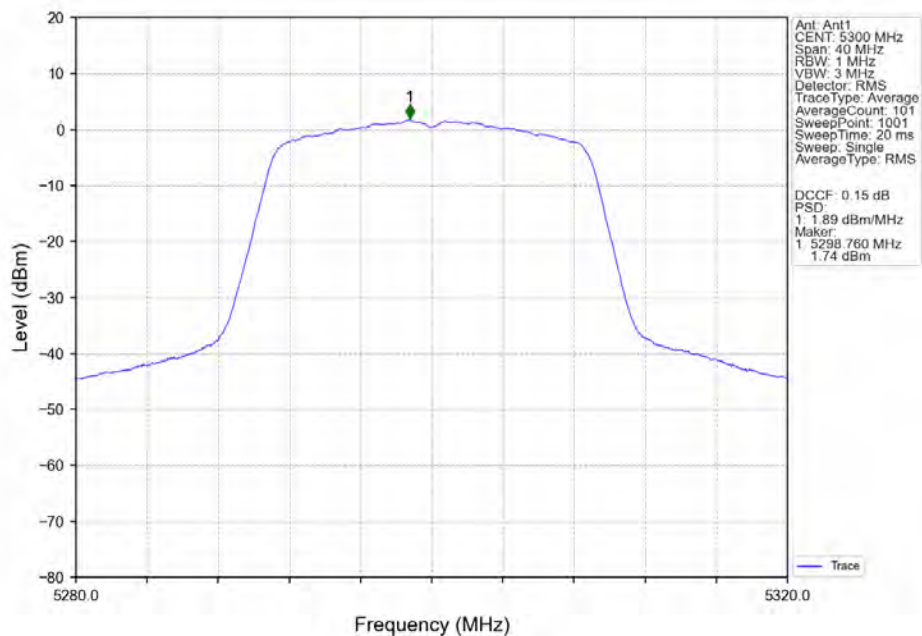
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



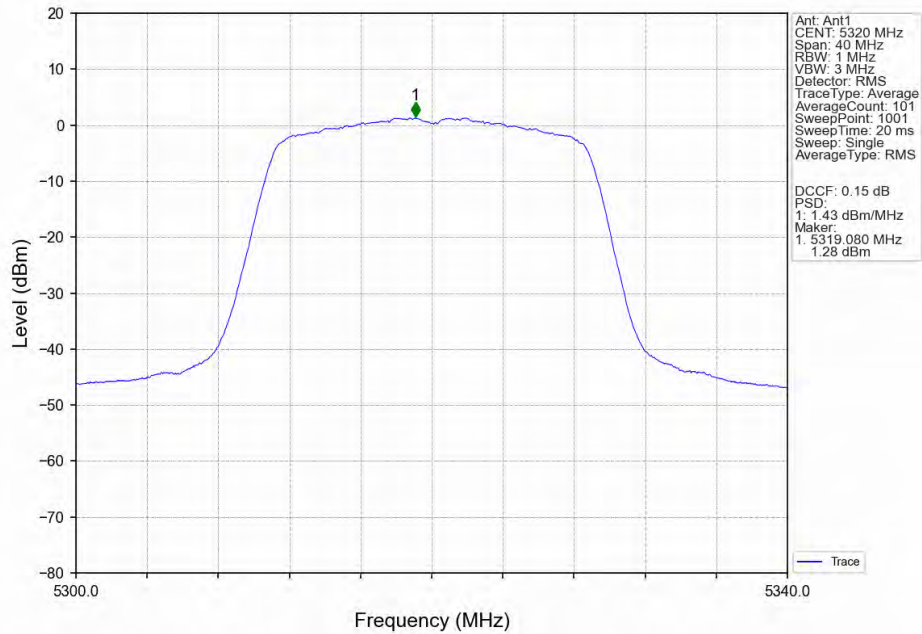
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



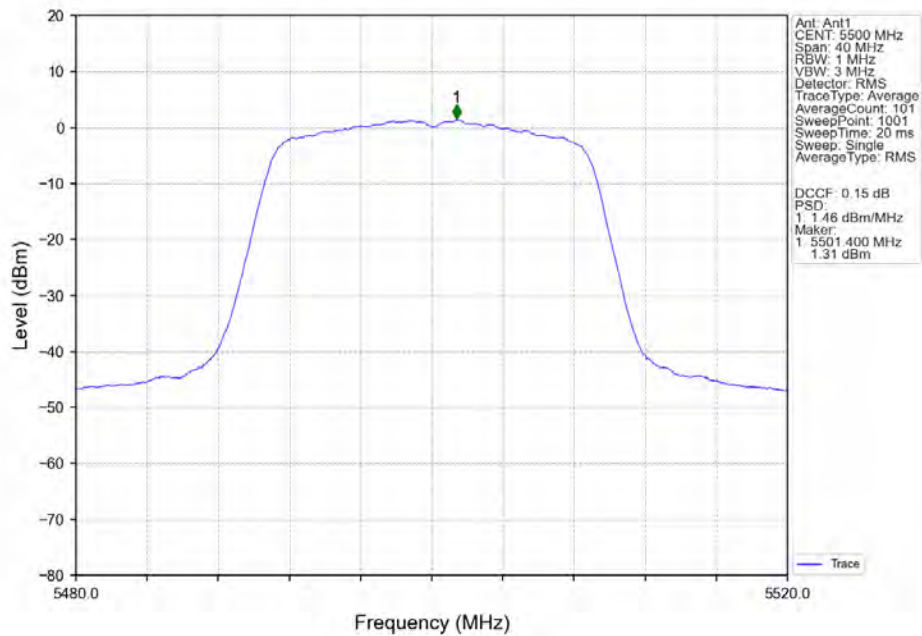
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



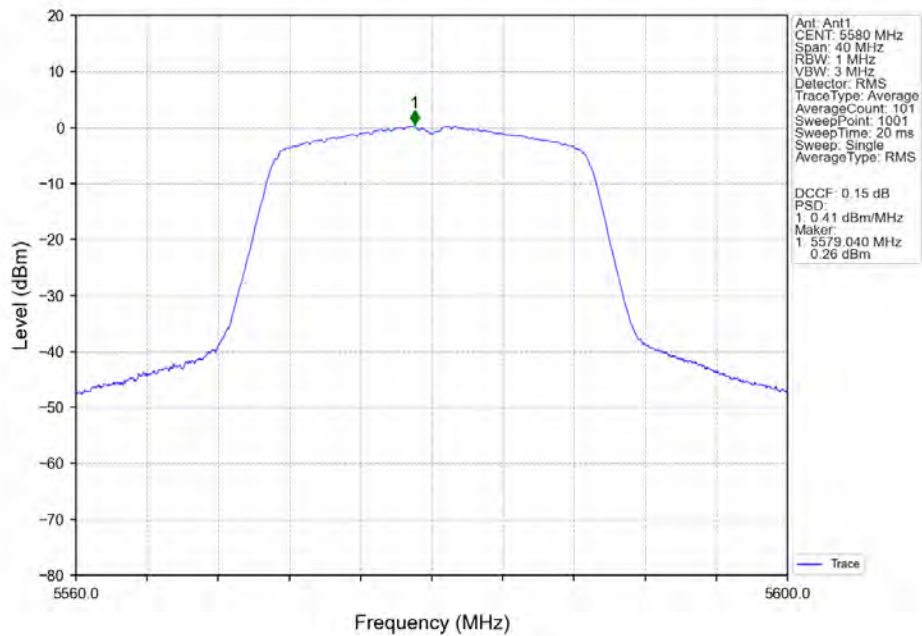
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



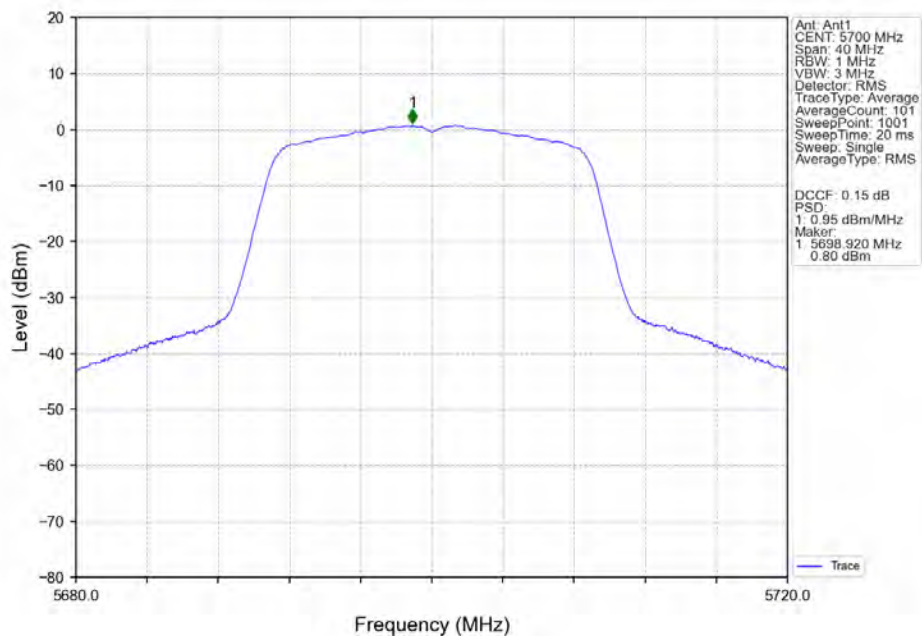
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



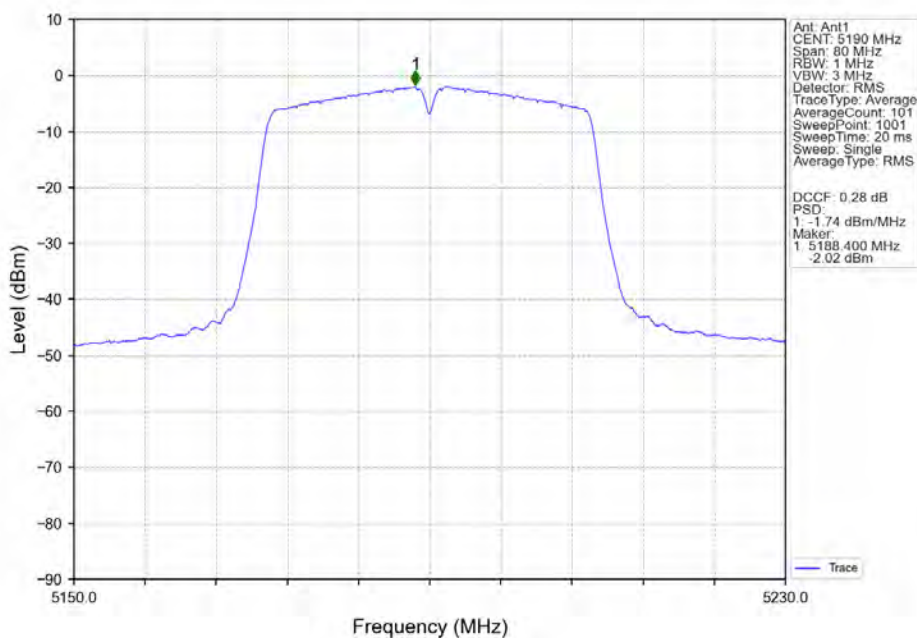
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



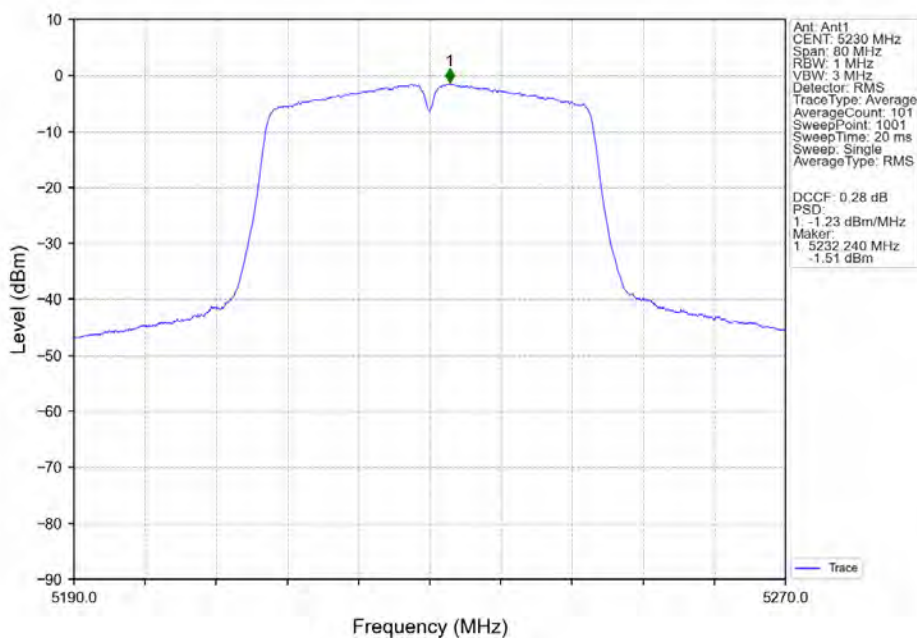
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



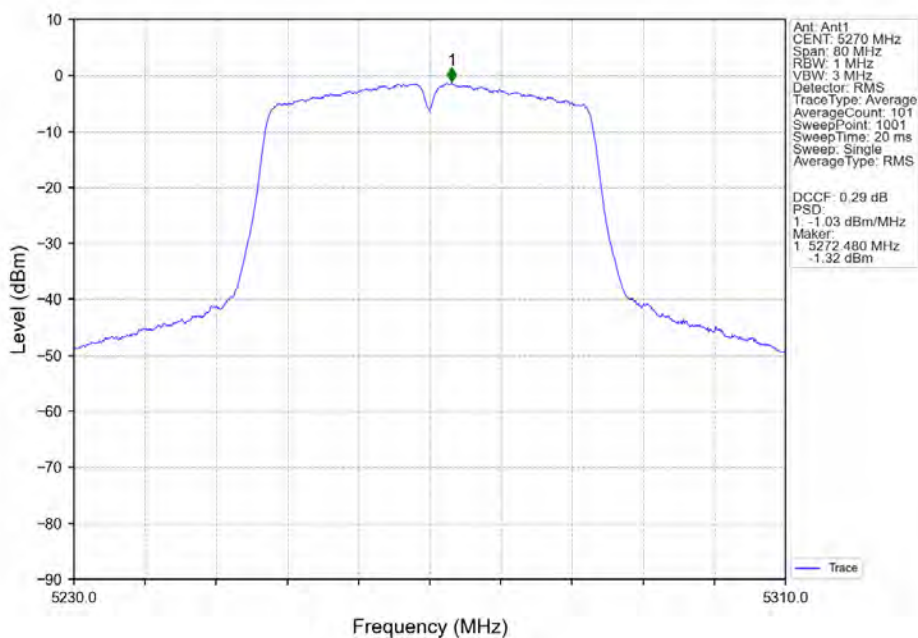
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



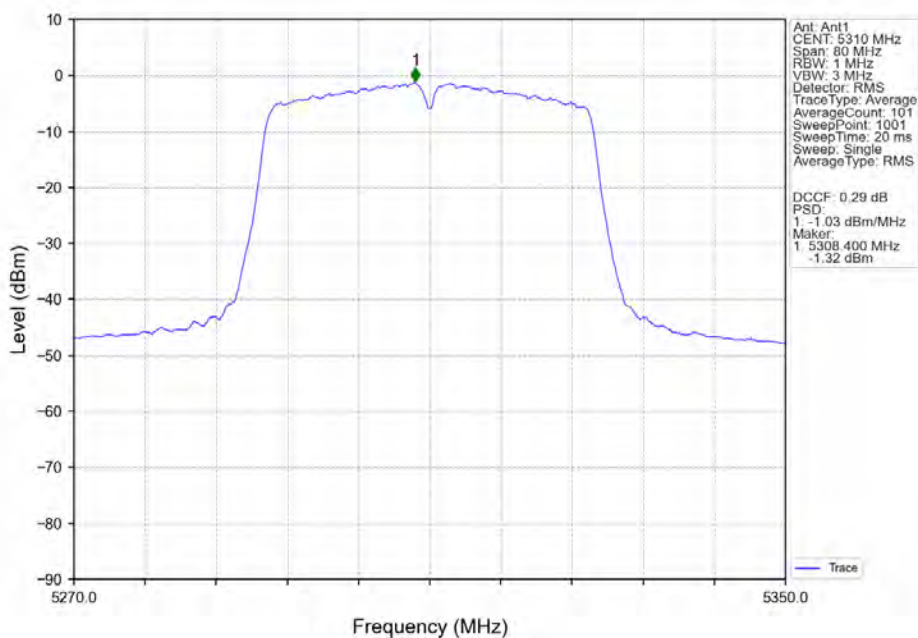
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



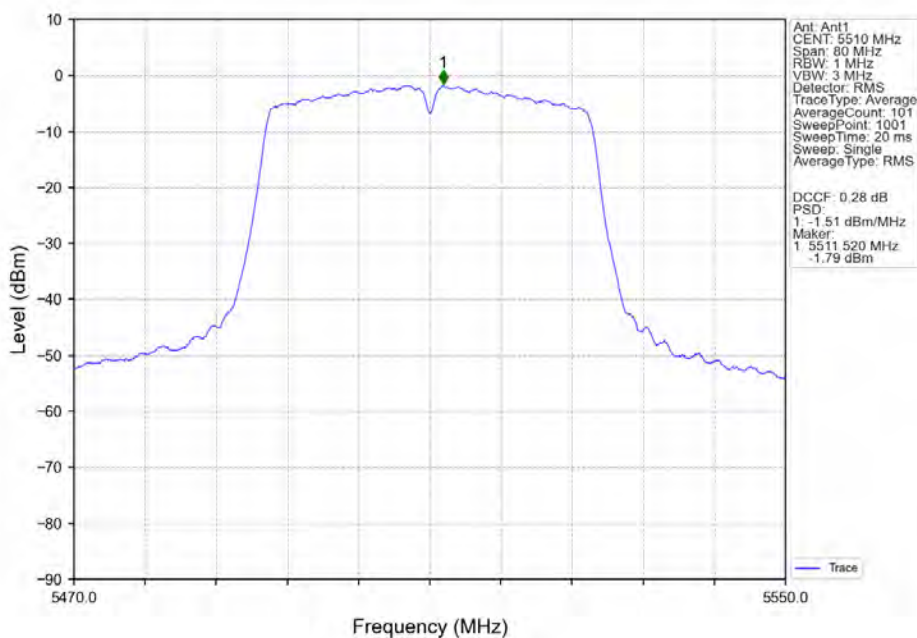
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



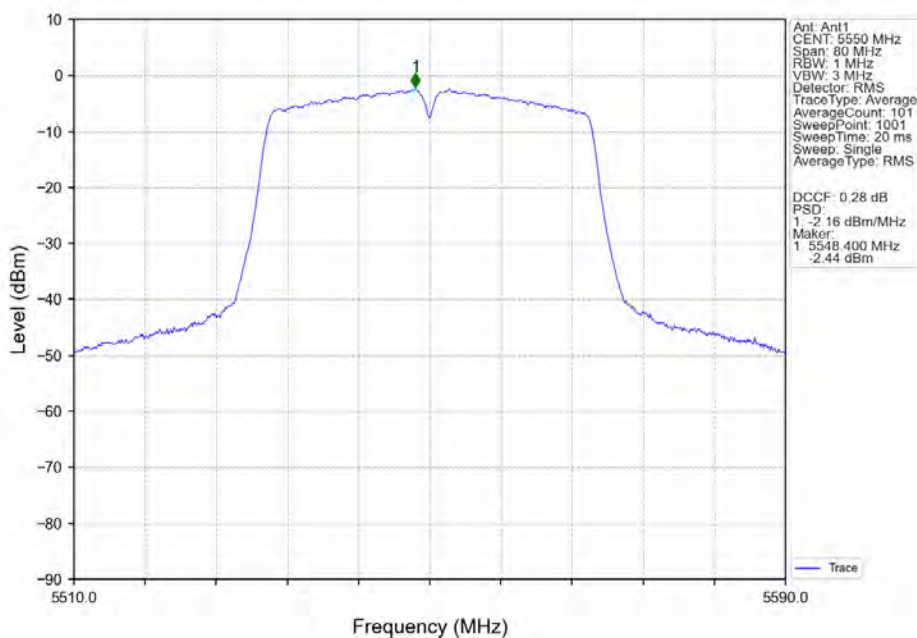
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



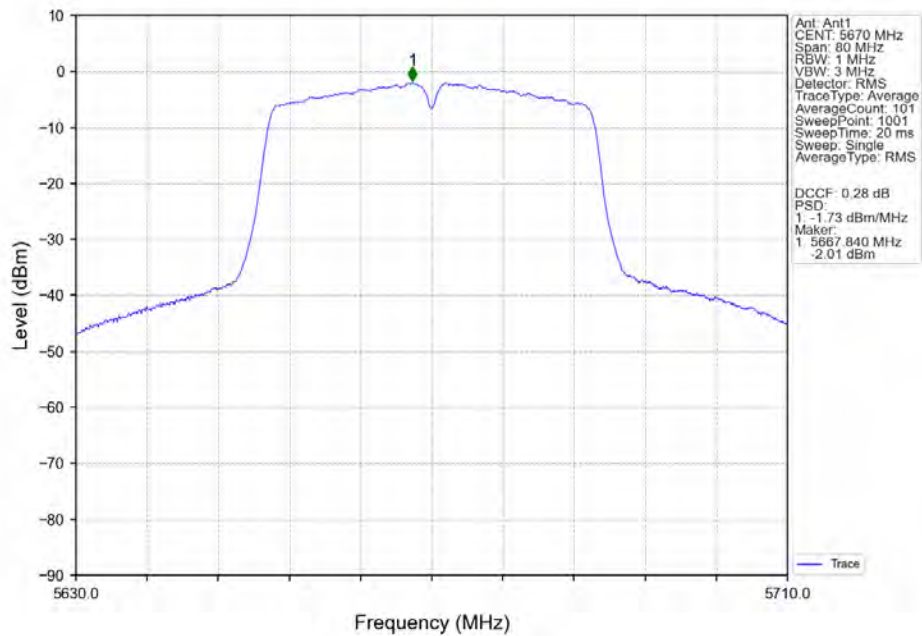
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



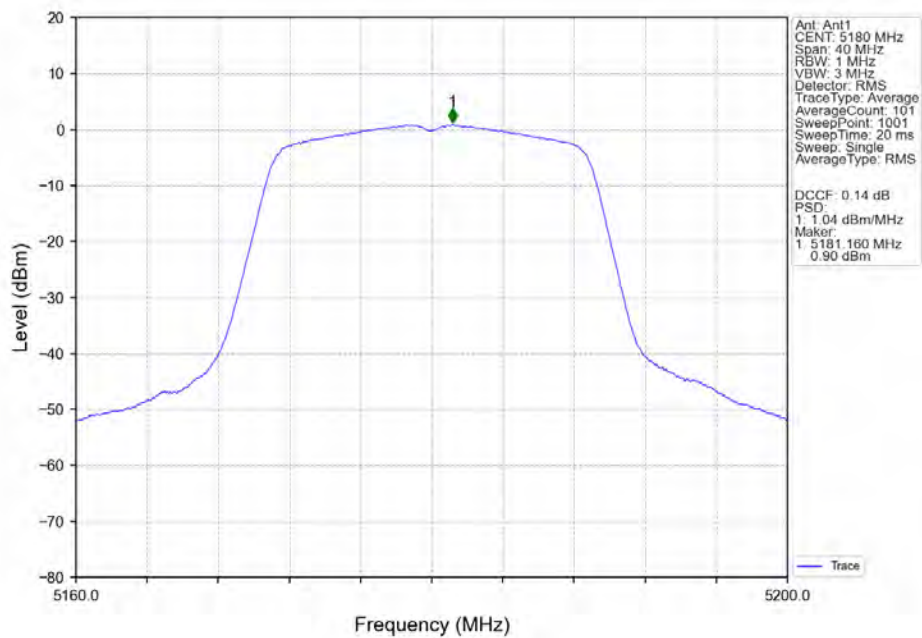
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



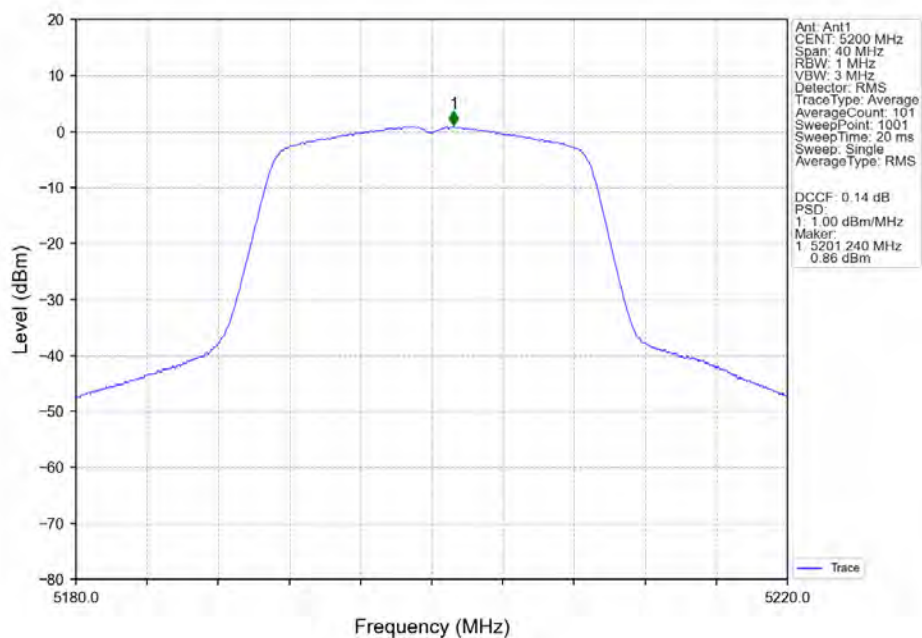
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



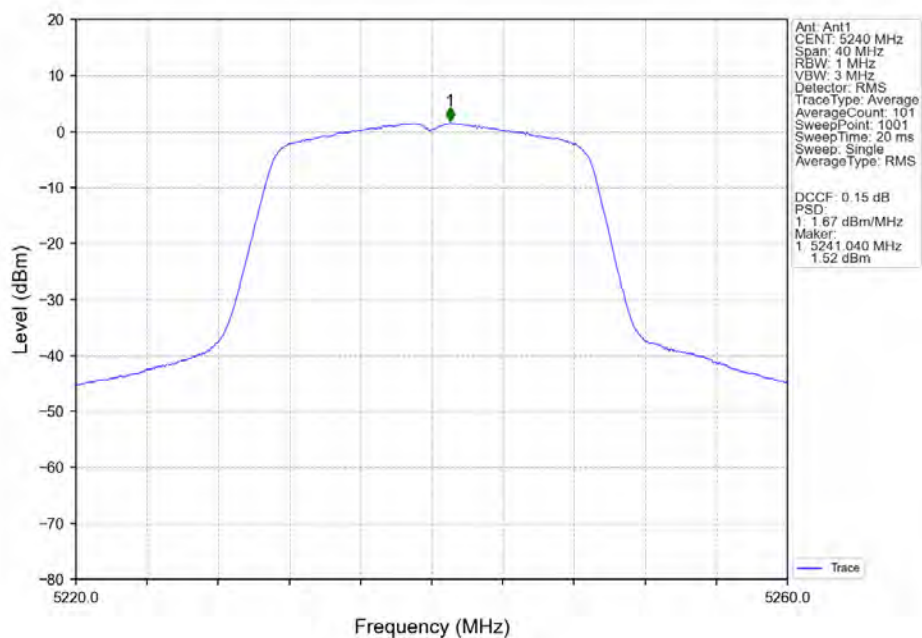
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



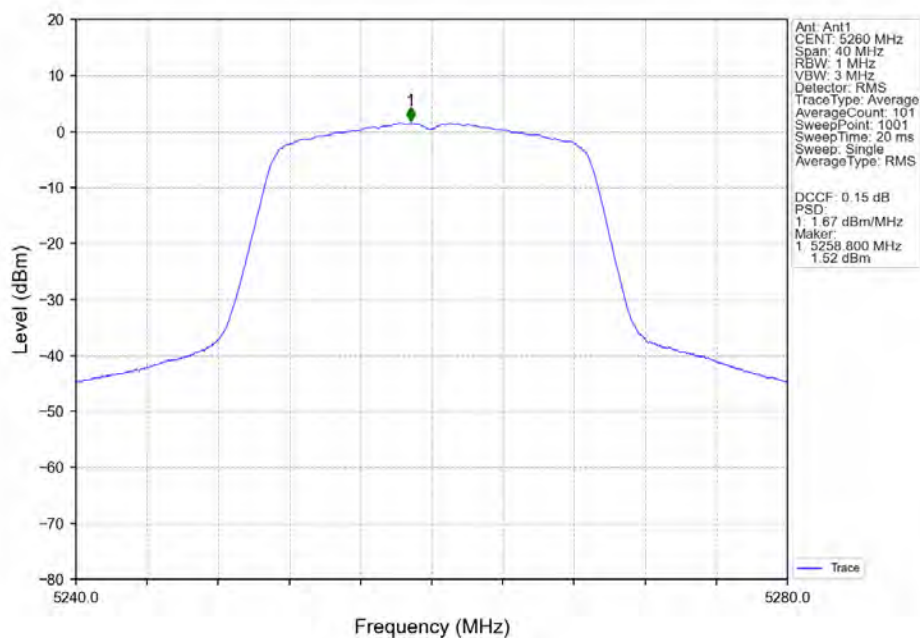
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



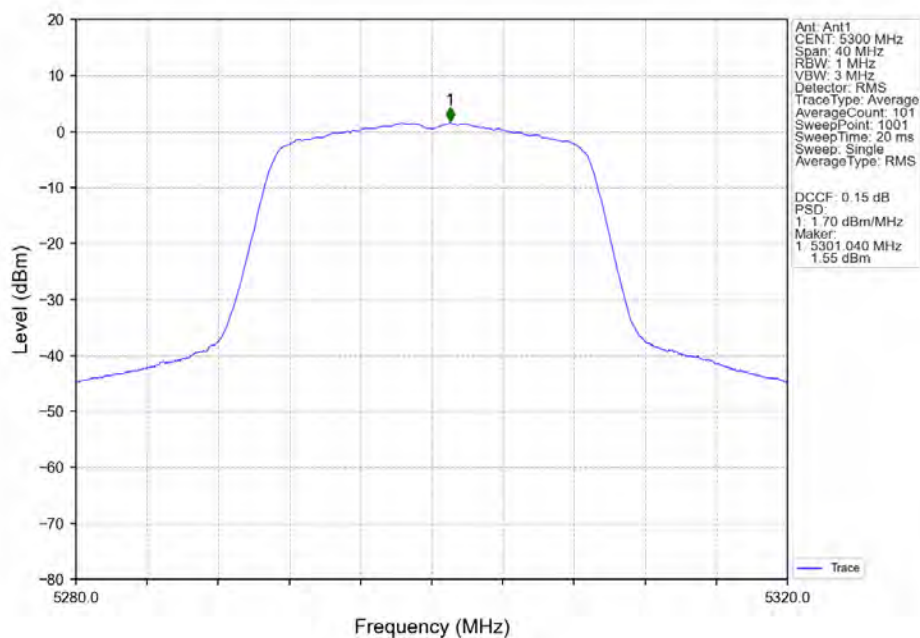
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



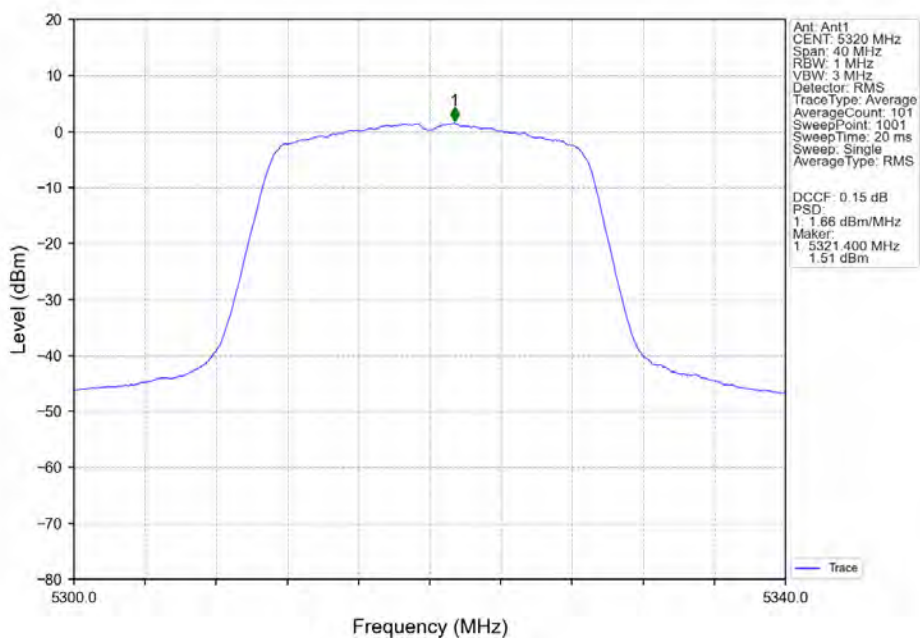
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



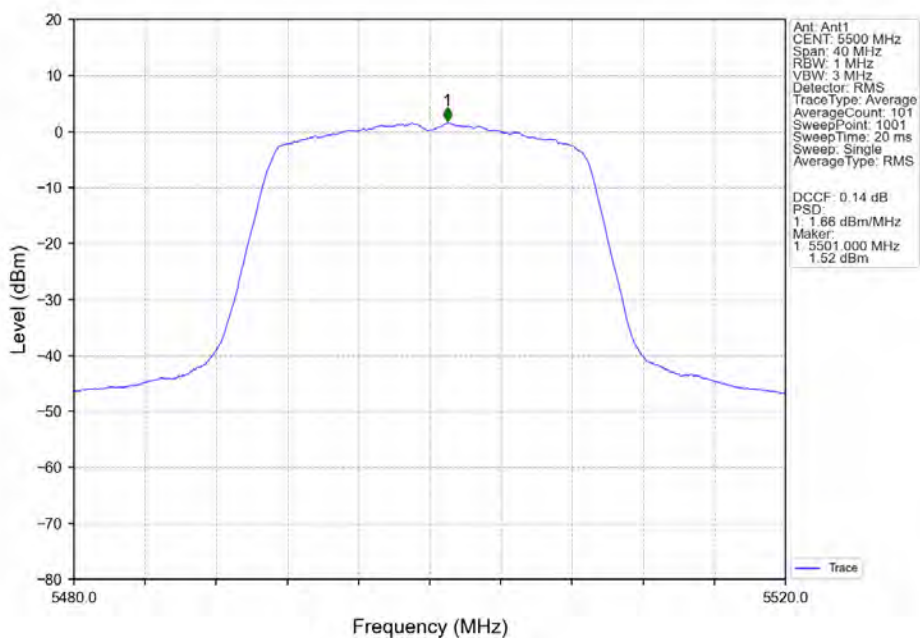
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



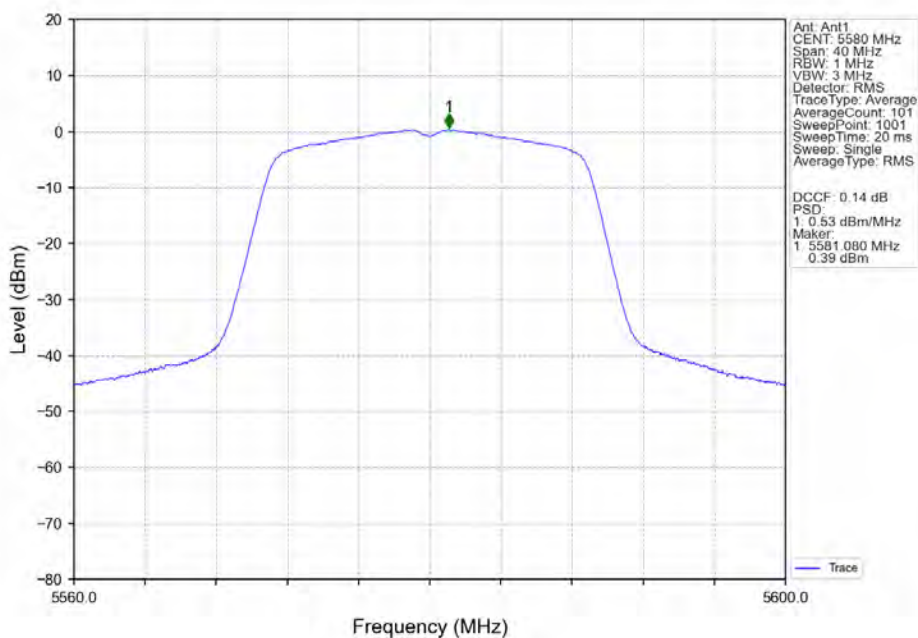
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



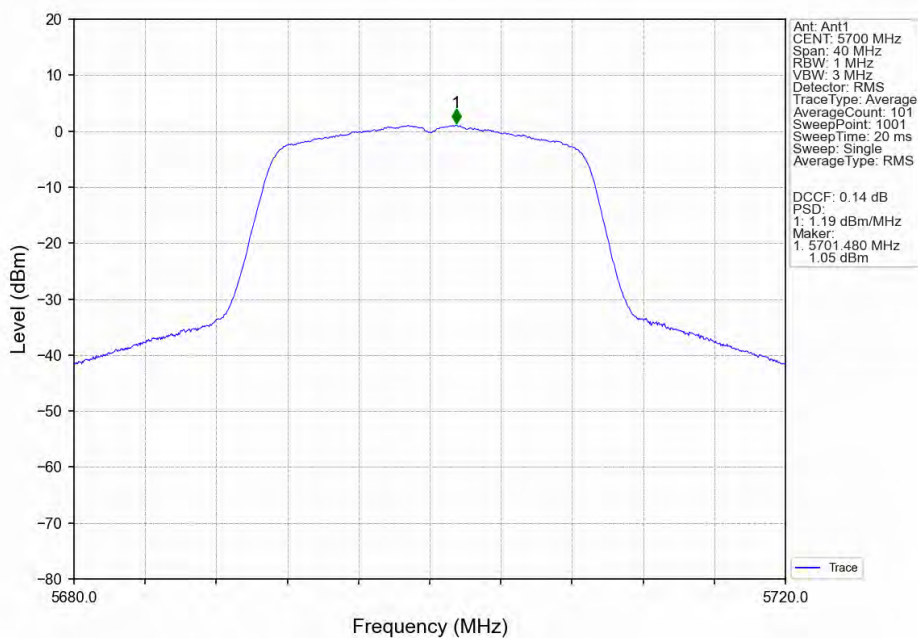
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



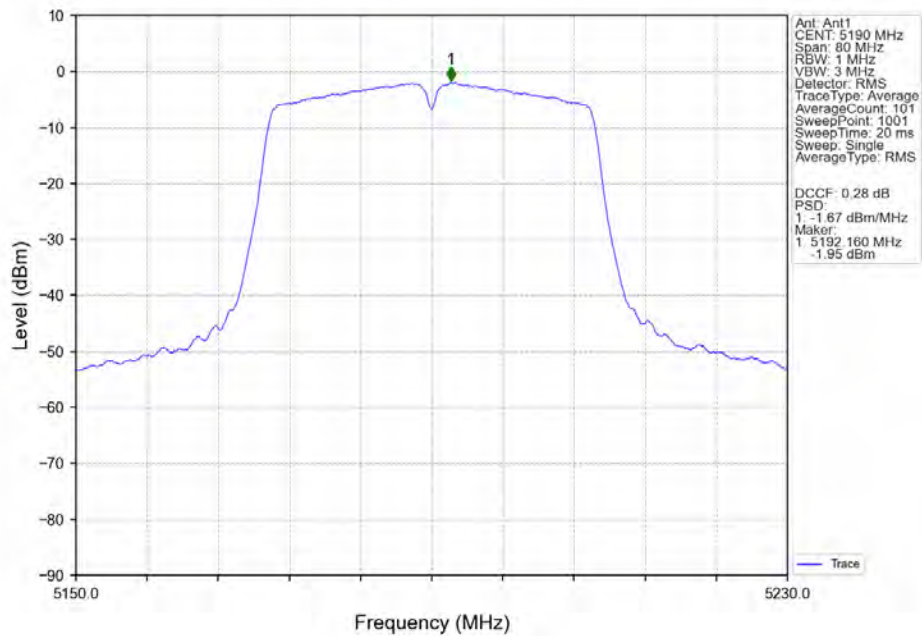
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



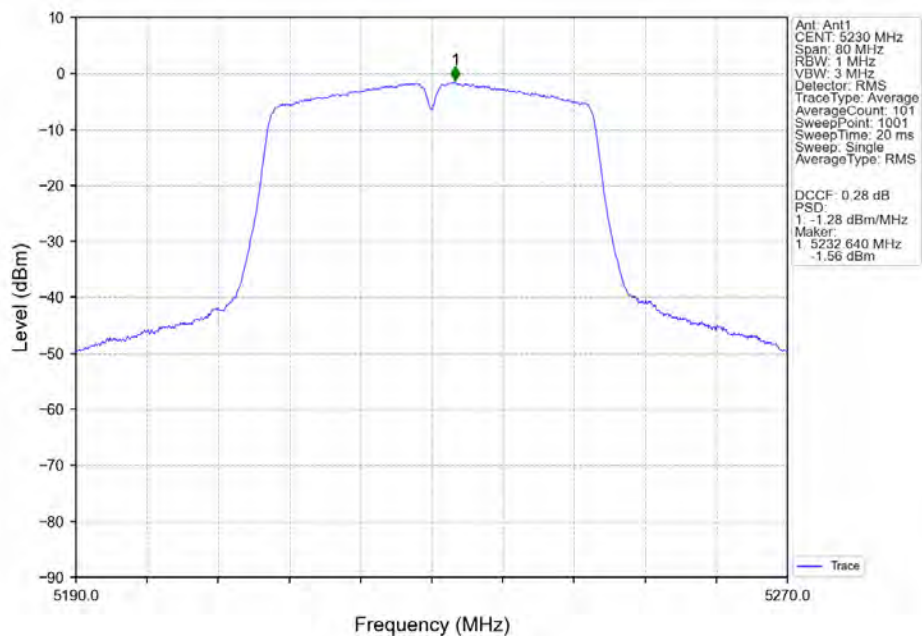
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



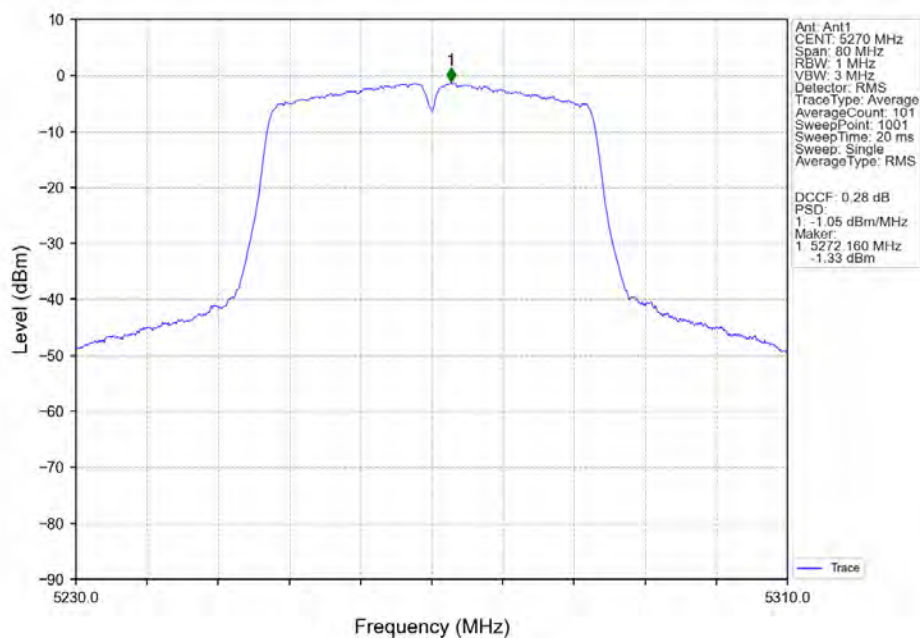
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



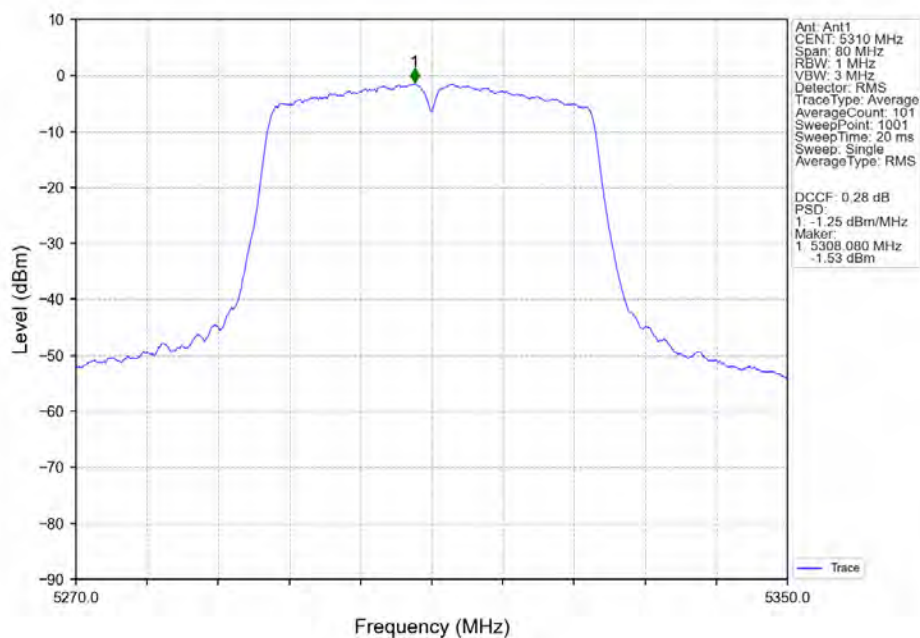
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



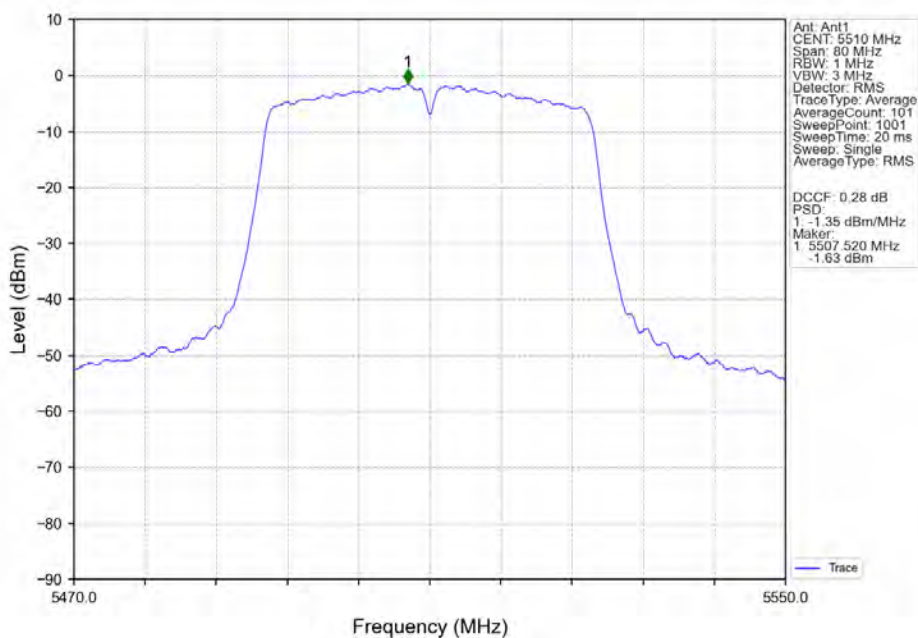
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



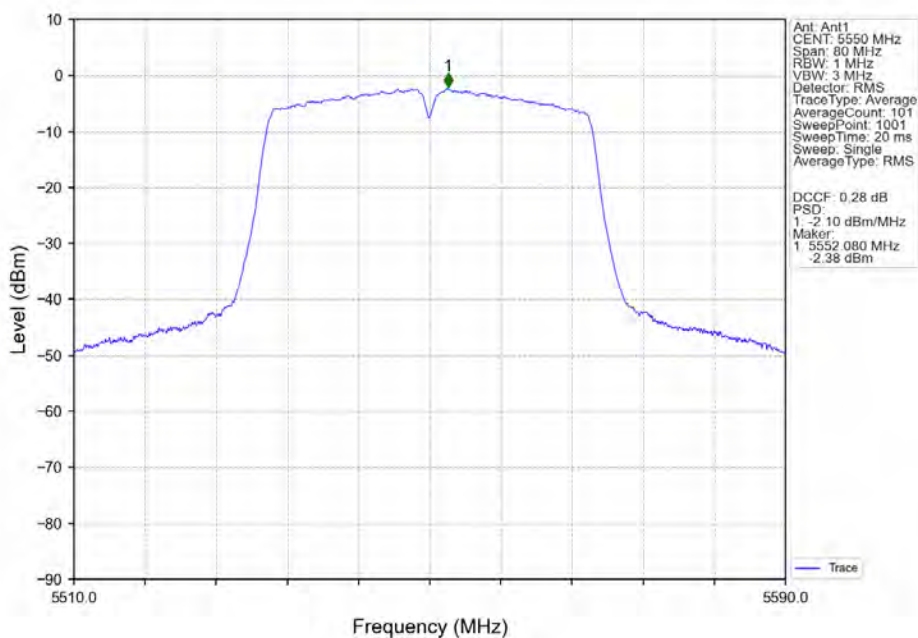
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



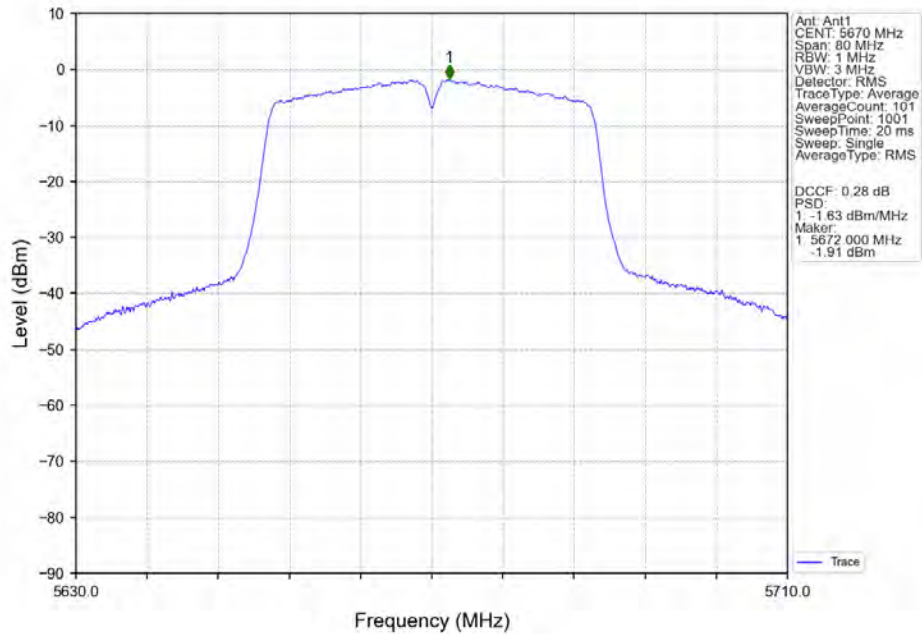
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



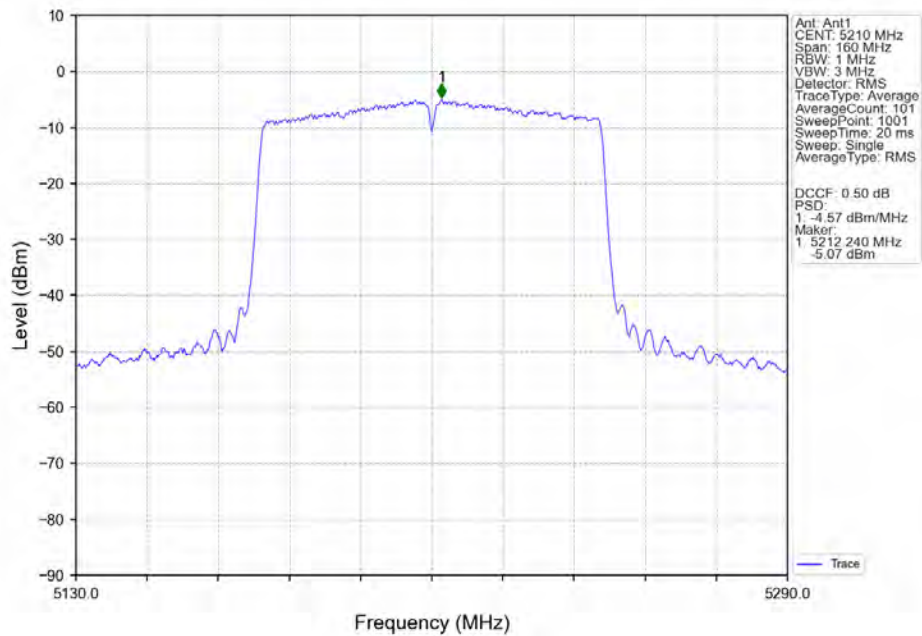
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



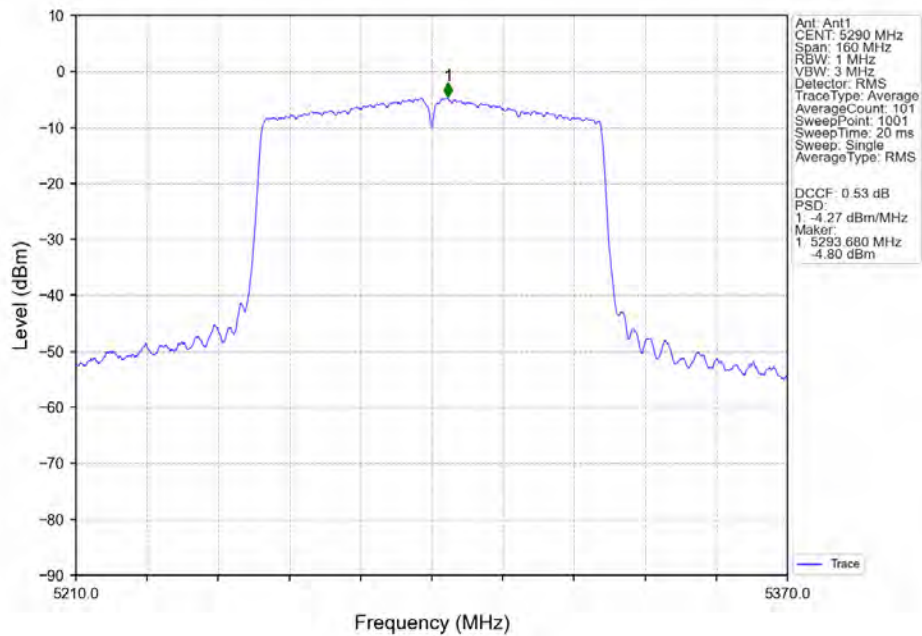
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



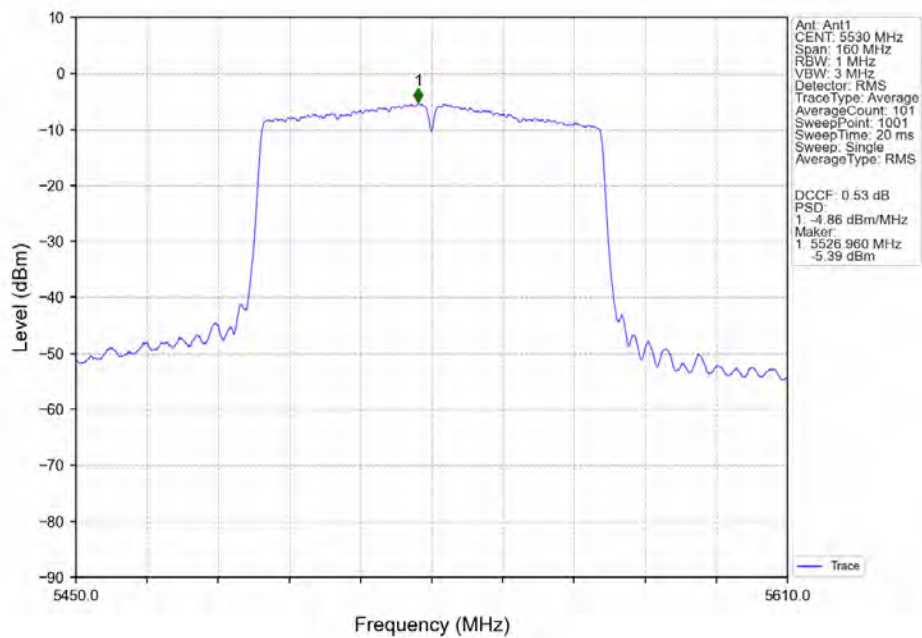
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



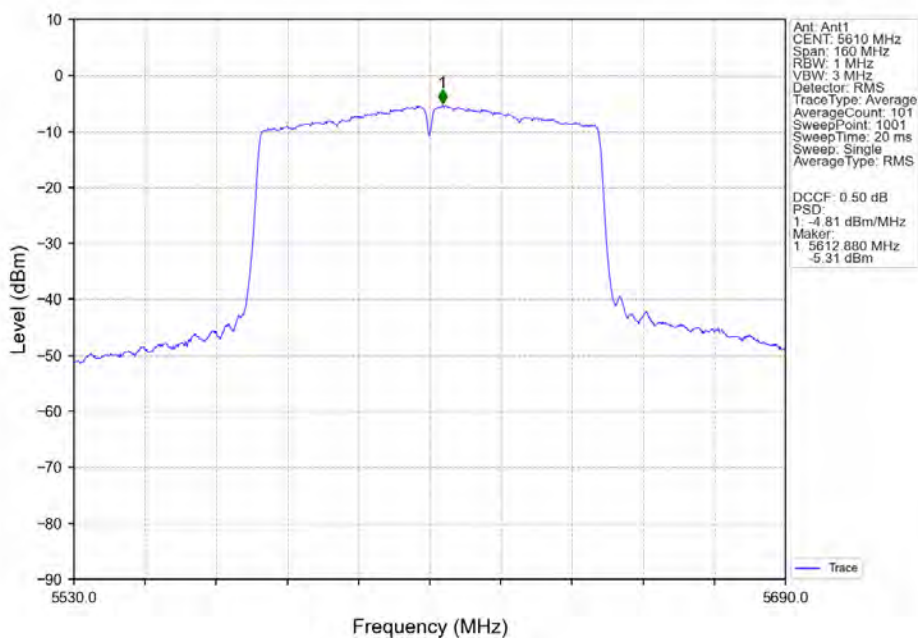
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



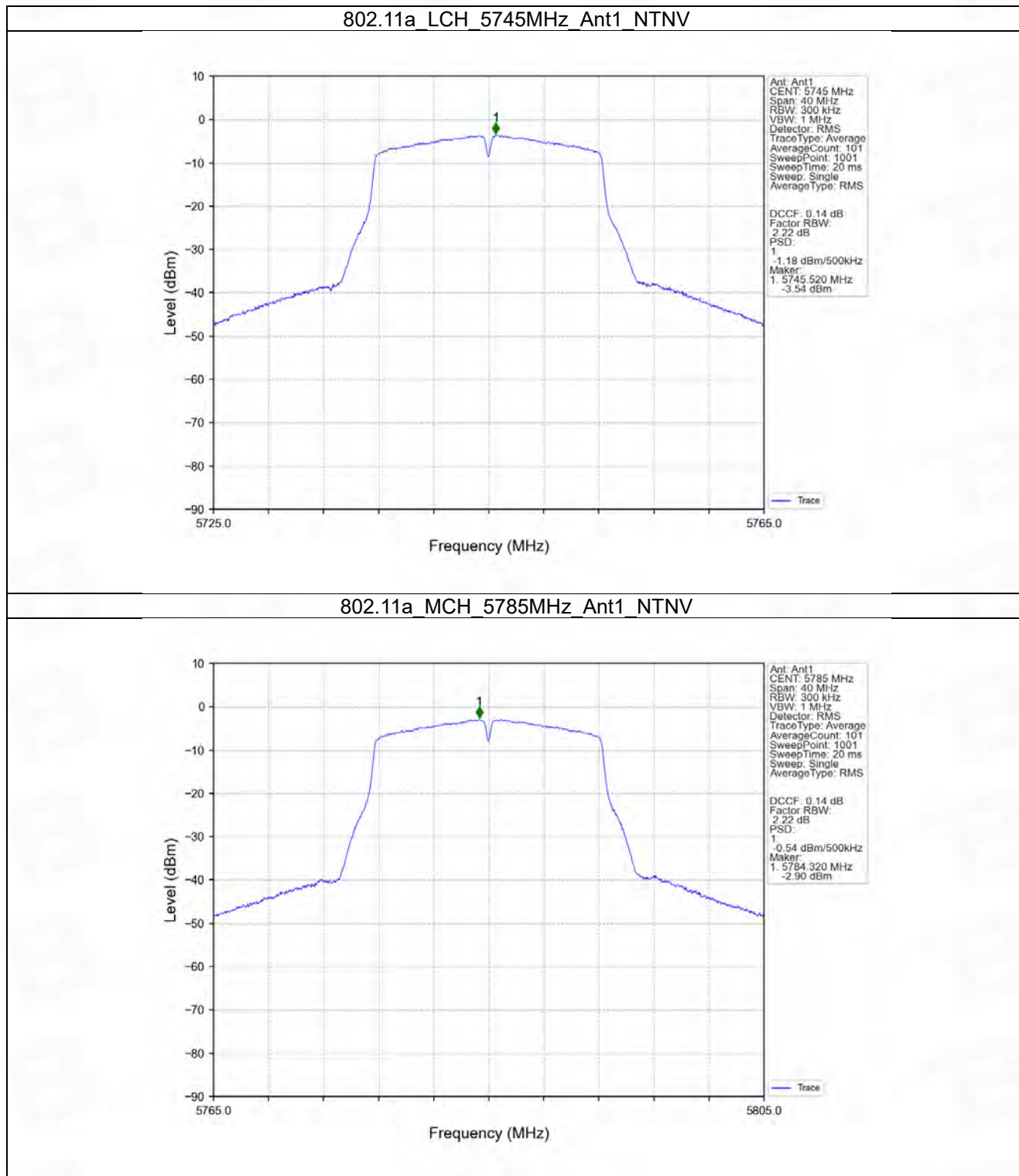
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



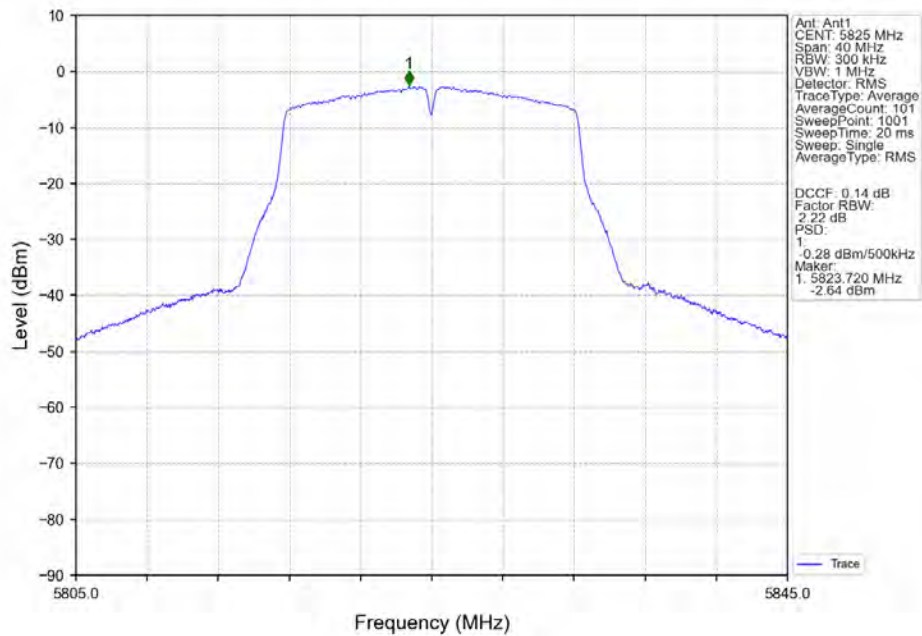
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



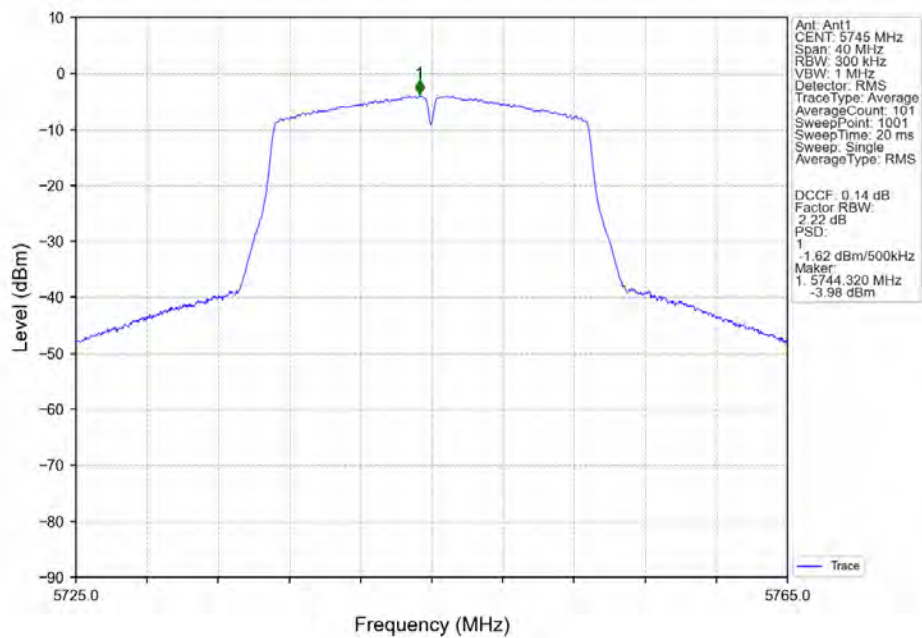
4.2.2 PSD-Band3



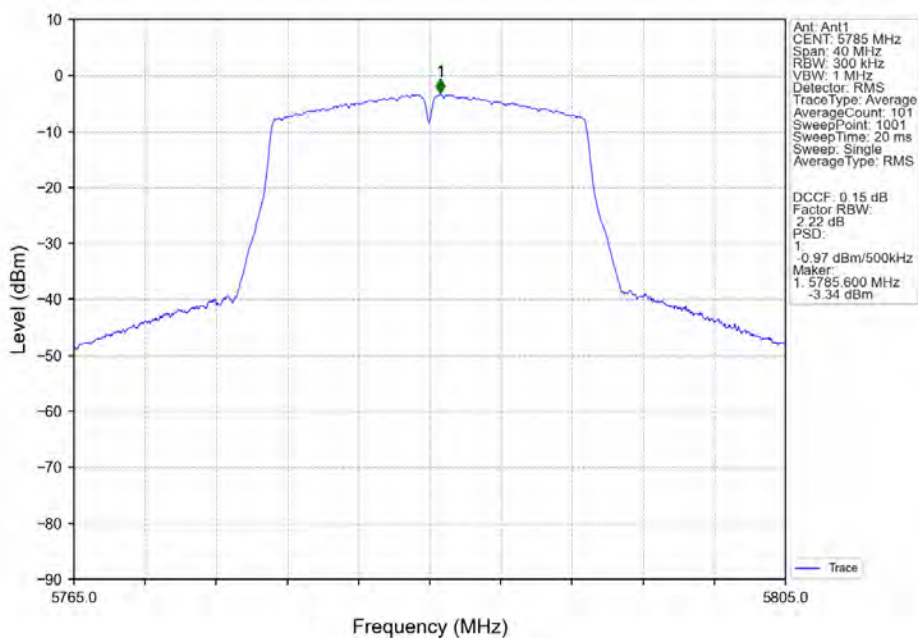
802.11a_HCH_5825MHz_Ant1_NTNV



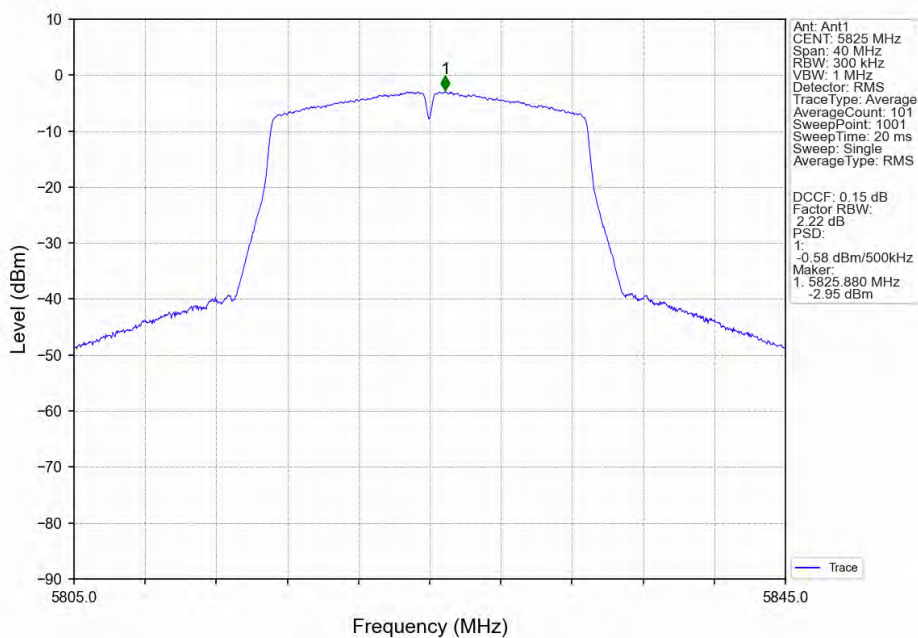
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



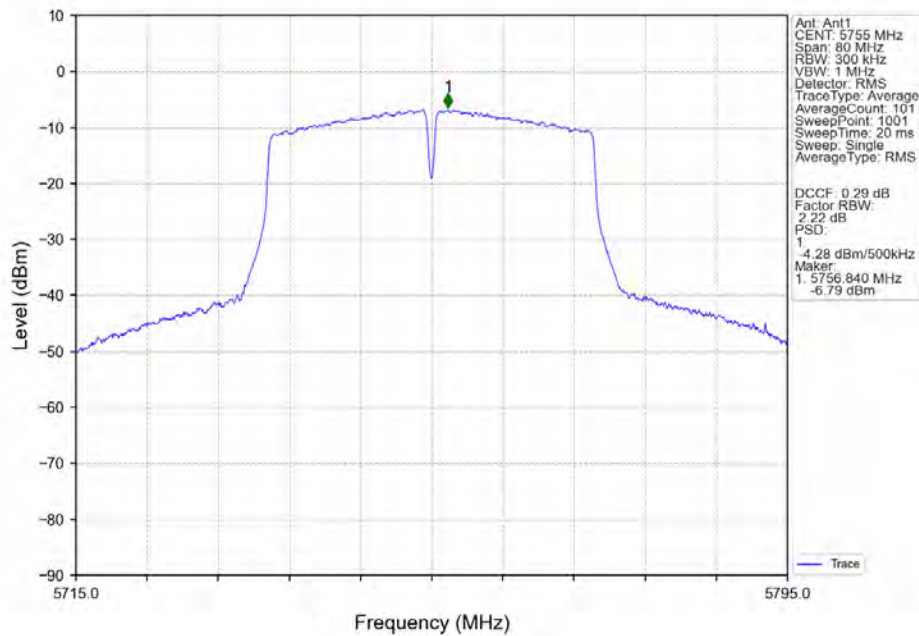
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



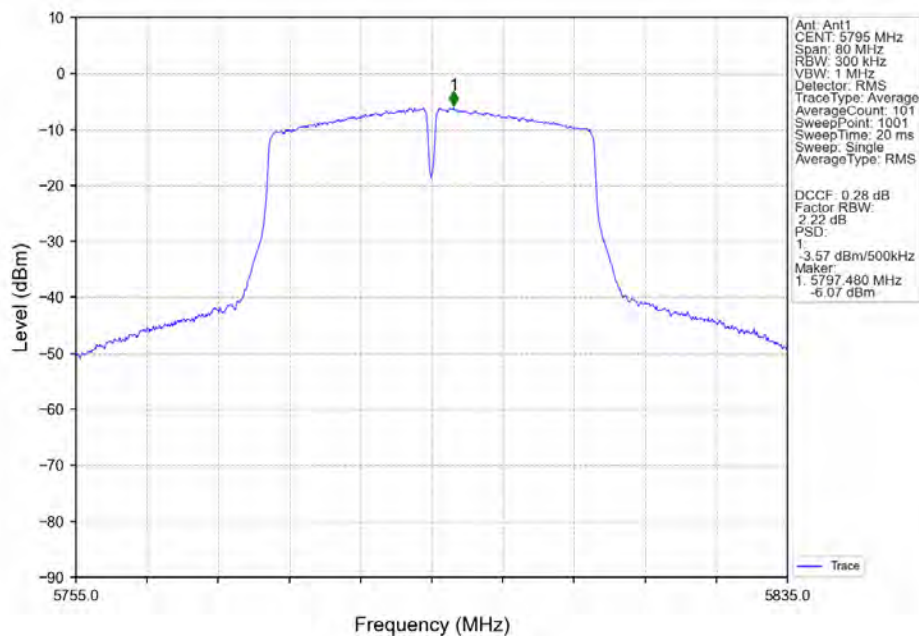
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



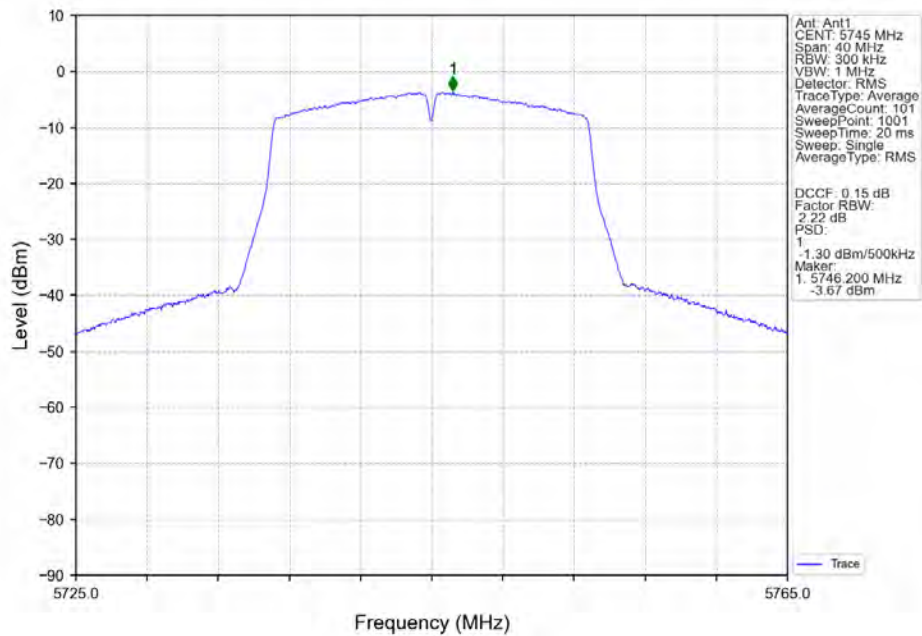
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



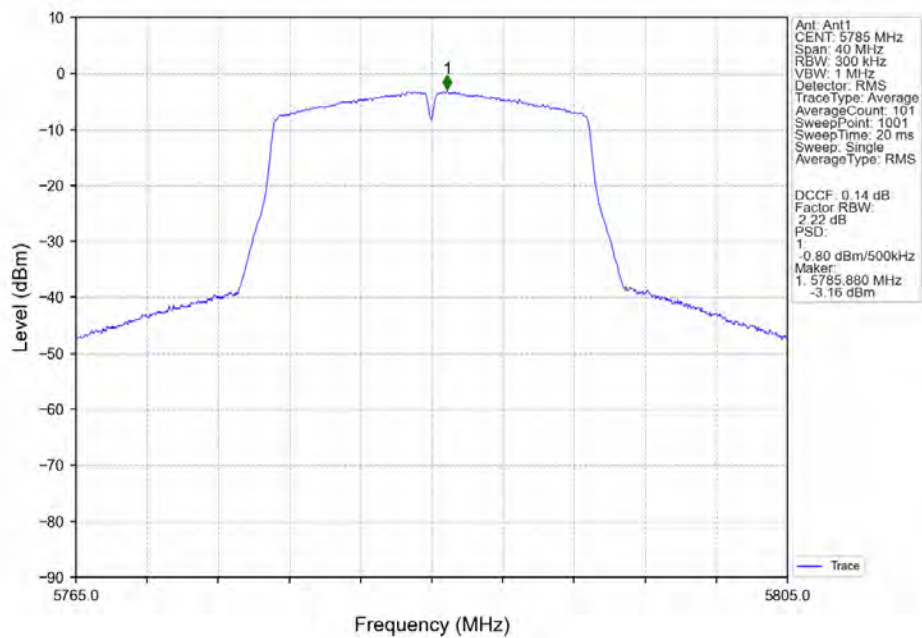
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



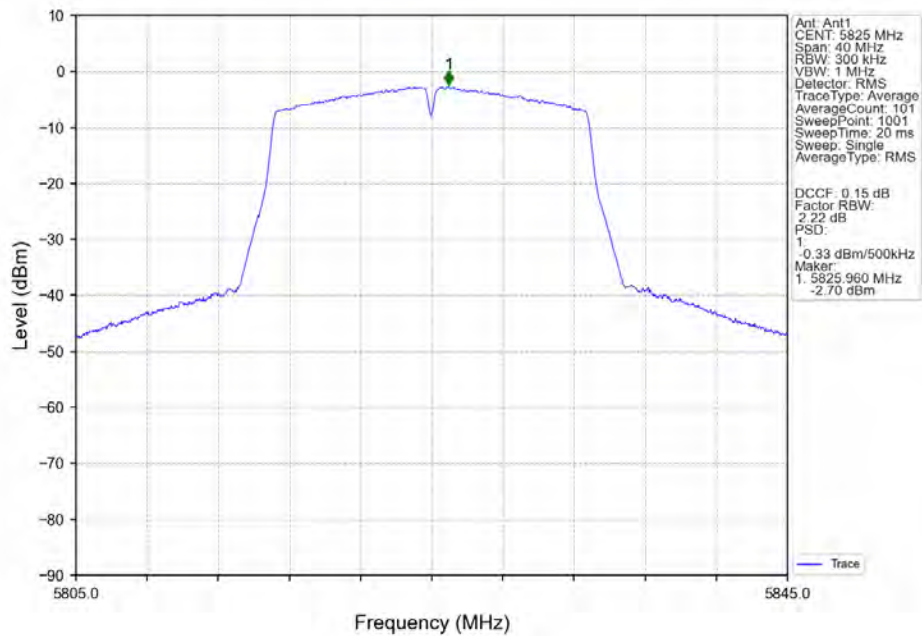
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



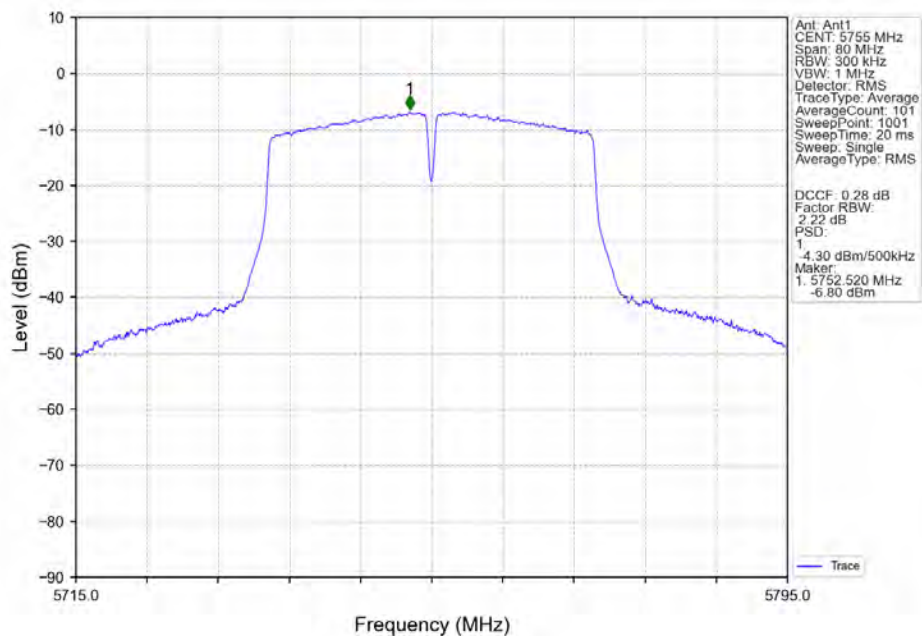
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



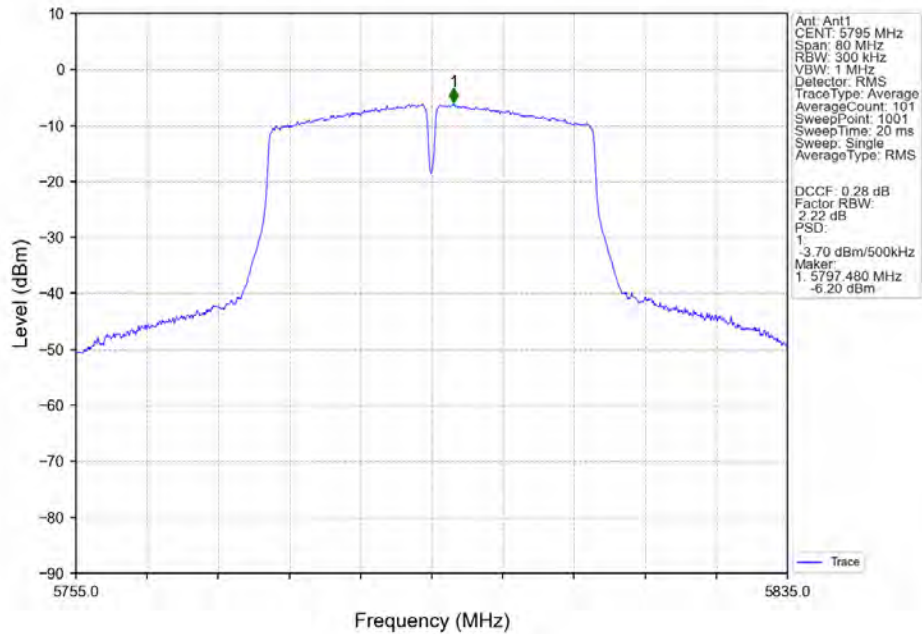
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



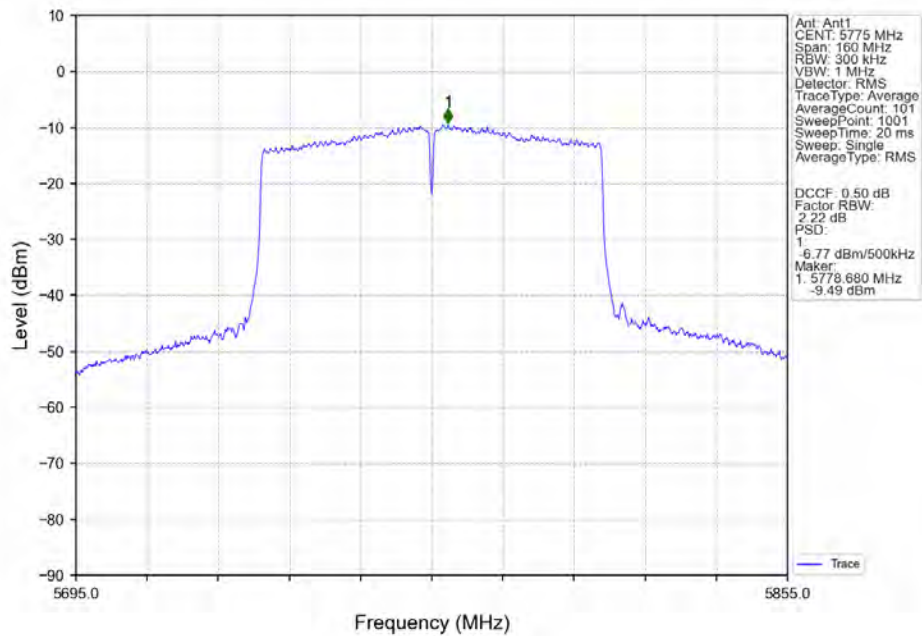
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

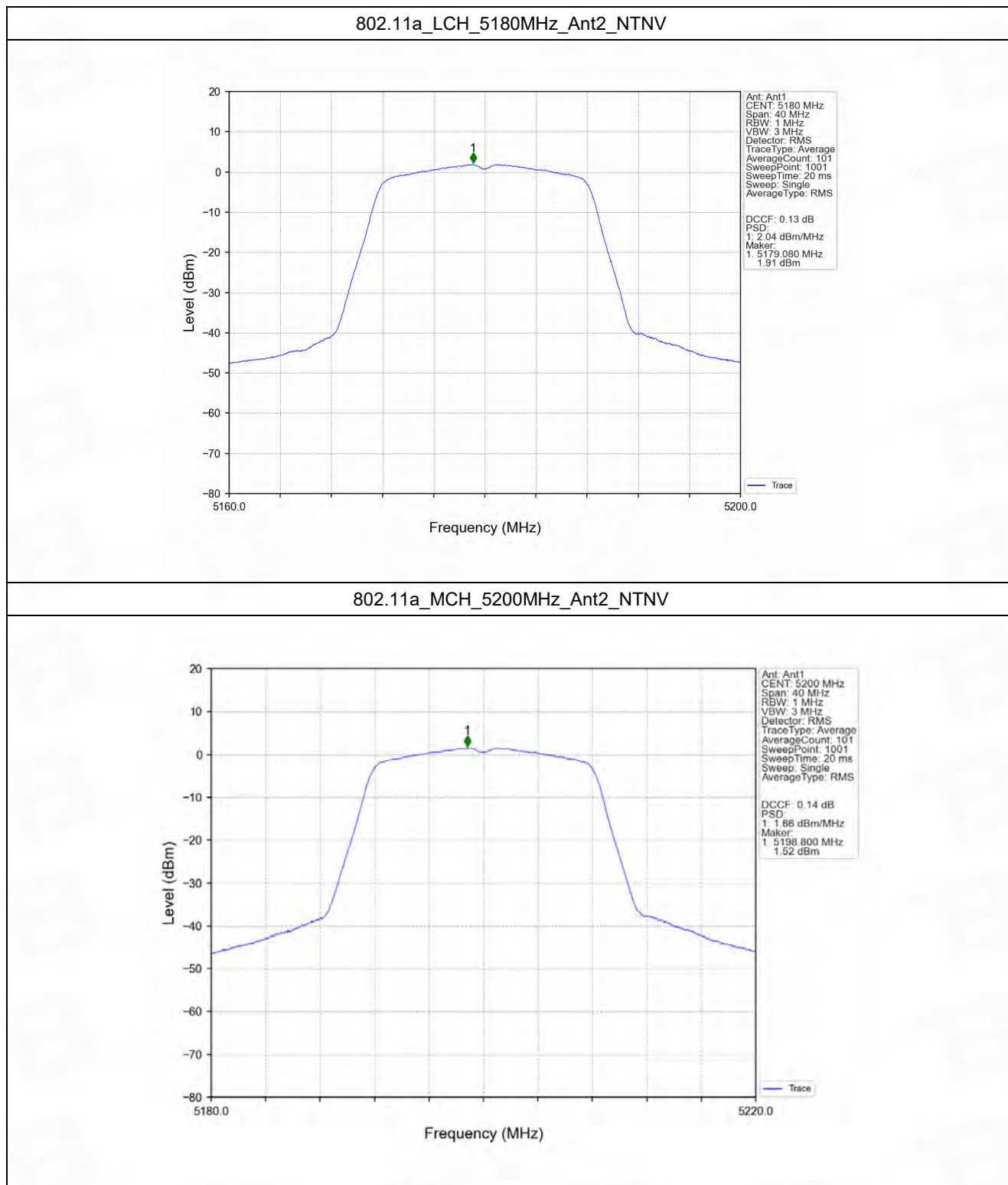


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

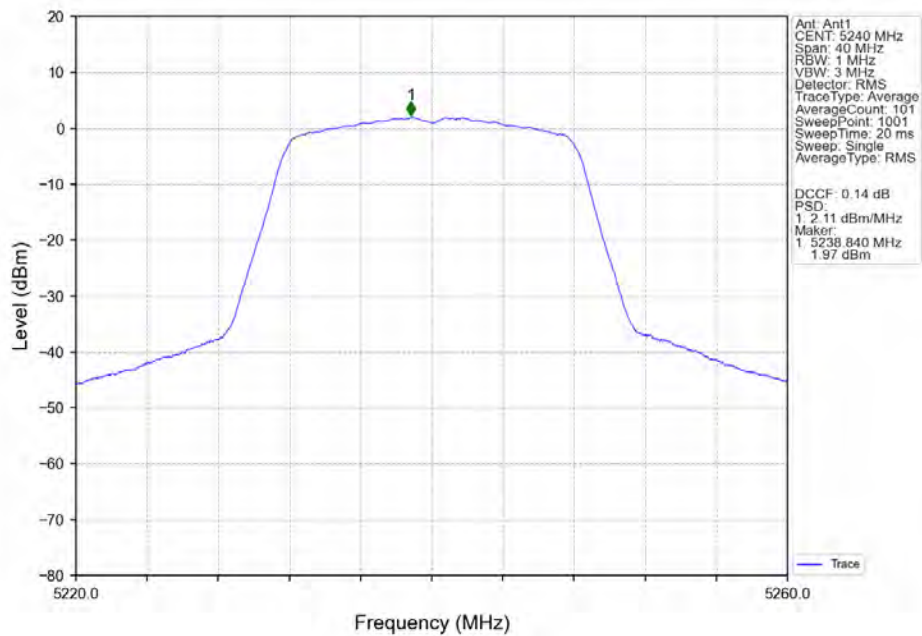


ANT2

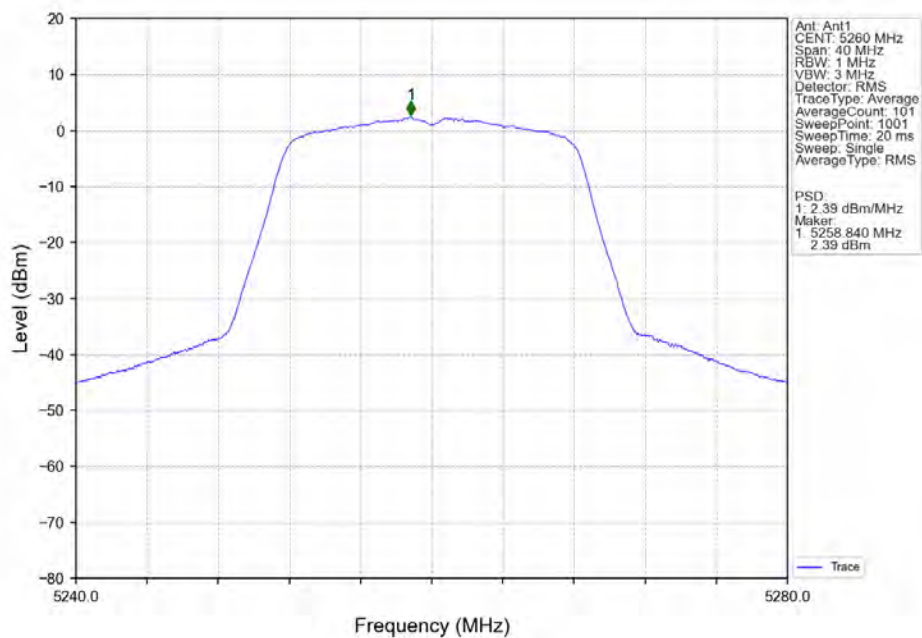
4.2.1 PSD



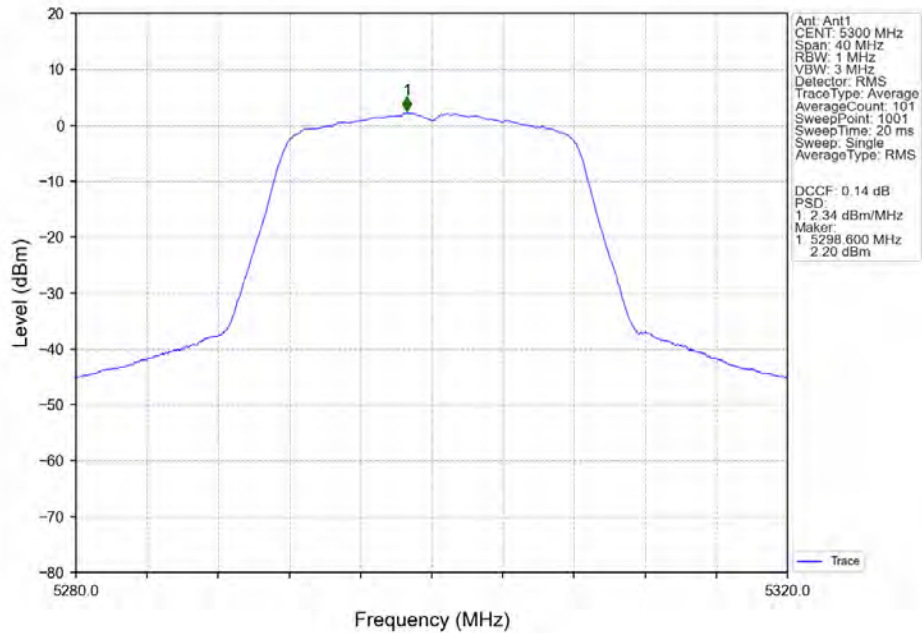
802.11a_HCH_5240MHz_Ant2_NTNV



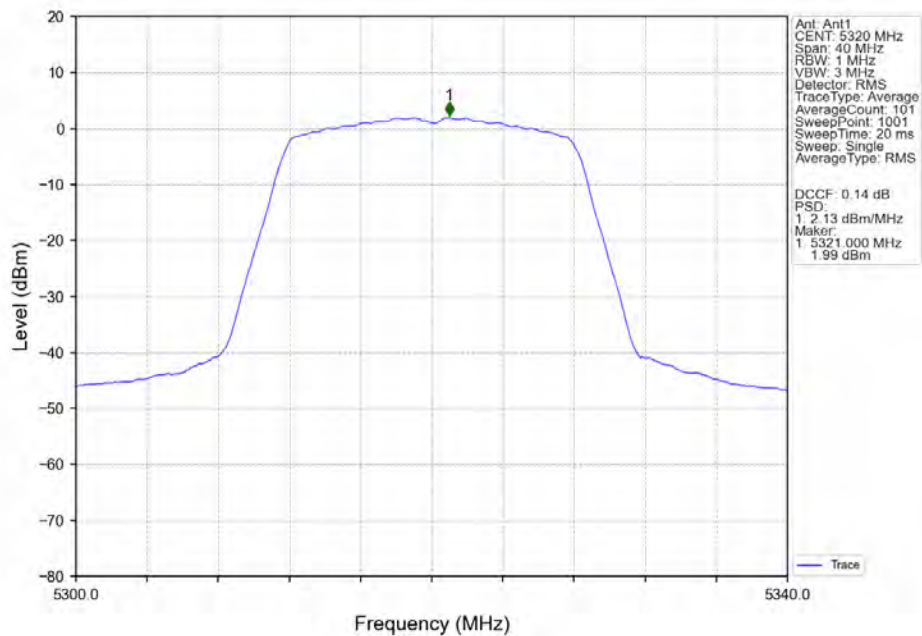
802.11a_LCH_5260MHz_Ant2_NTNV



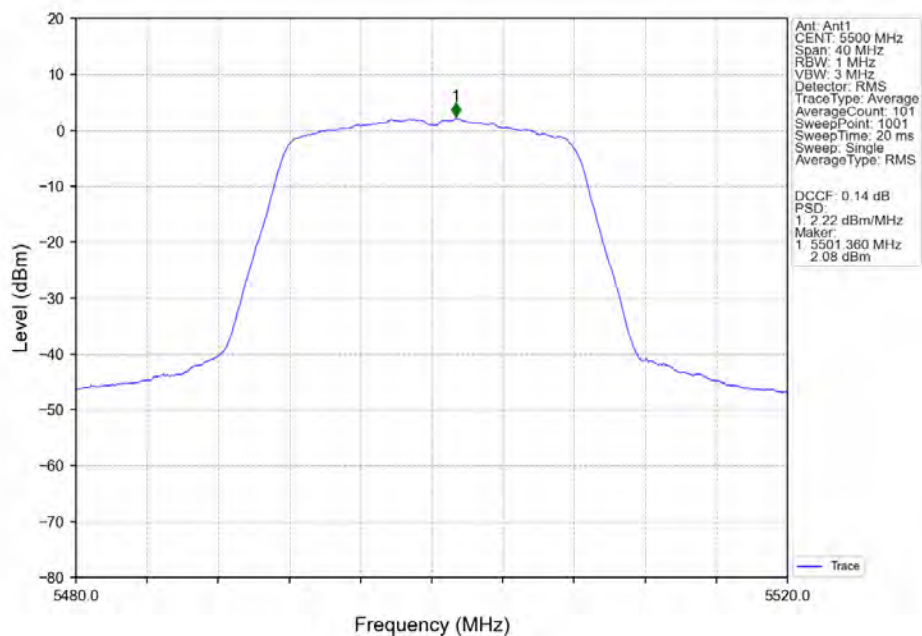
802.11a_MCH_5300MHz_Ant2_NTNV



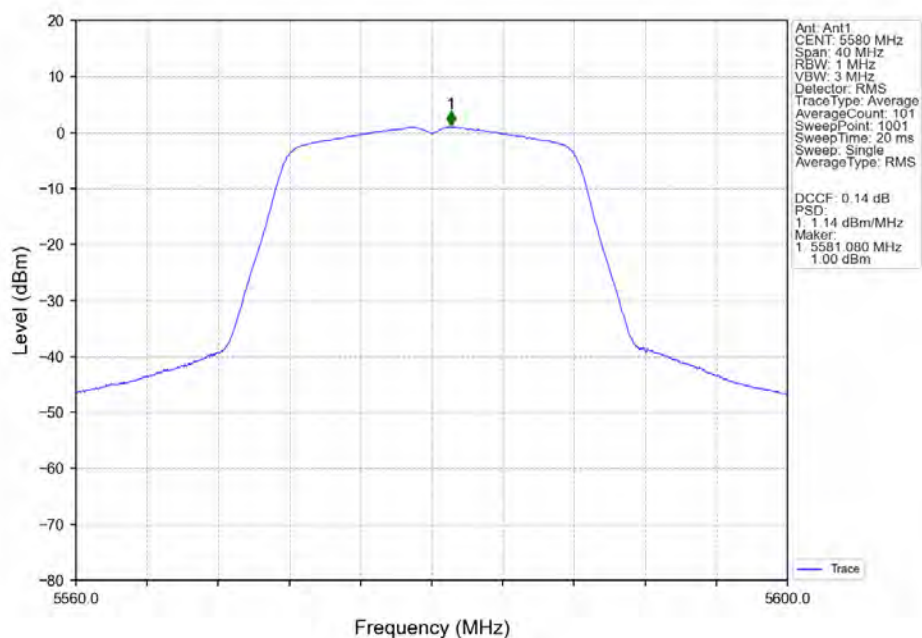
802.11a_HCH_5320MHz_Ant2_NTNV



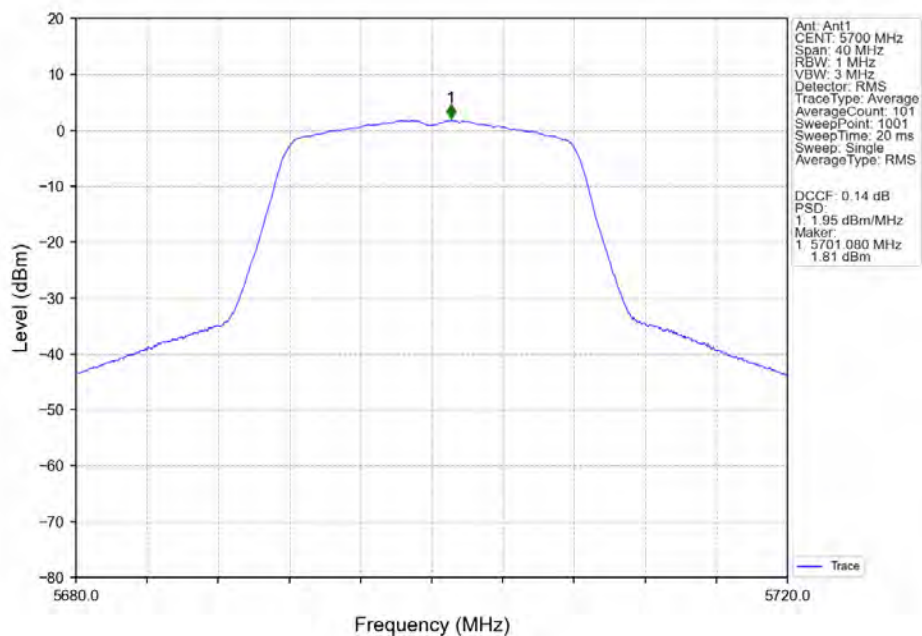
802.11a_LCH_5500MHz_Ant2_NTNV



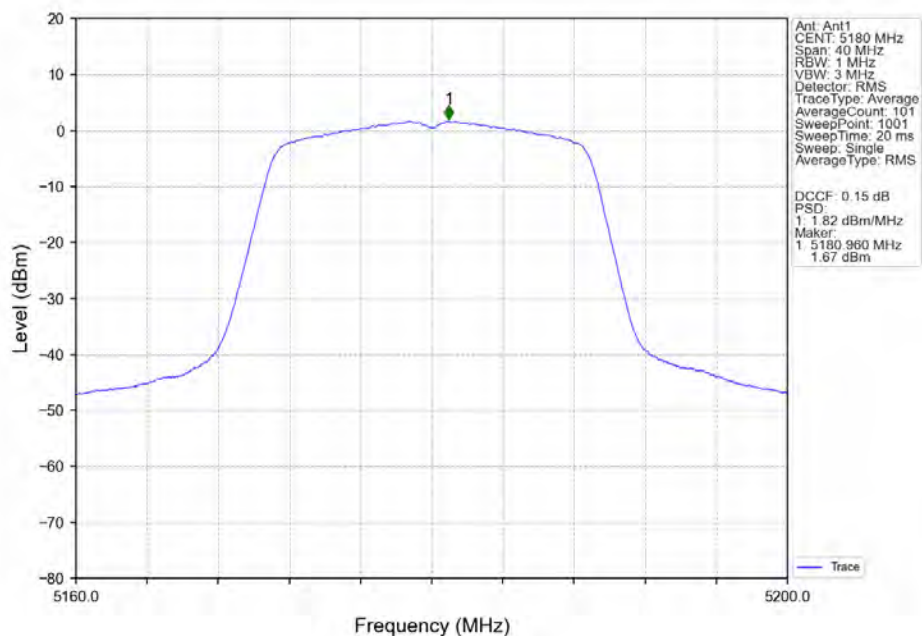
802.11a_MCH_5580MHz_Ant2_NTNV



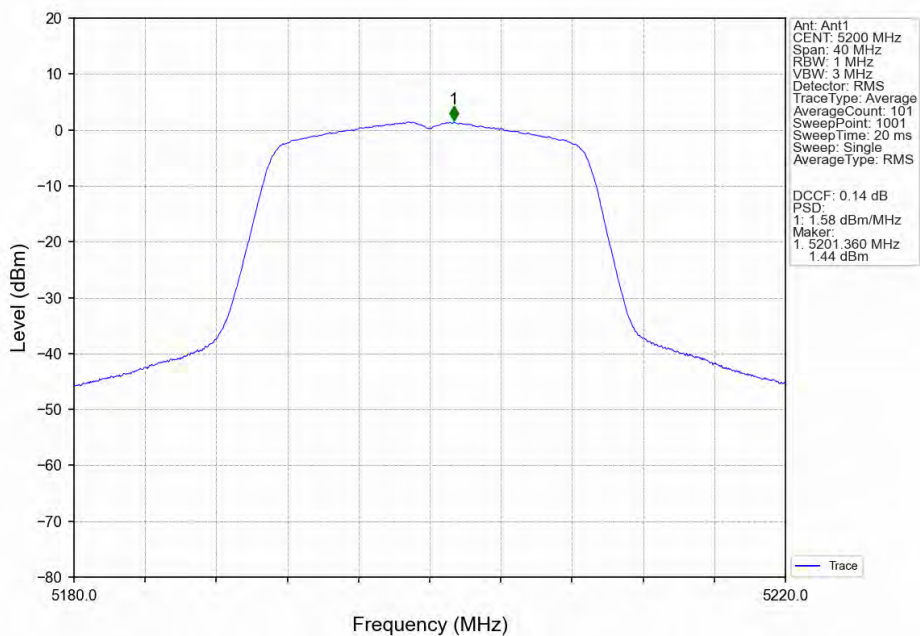
802.11a_HCH_5700MHz_Ant2_NTNV



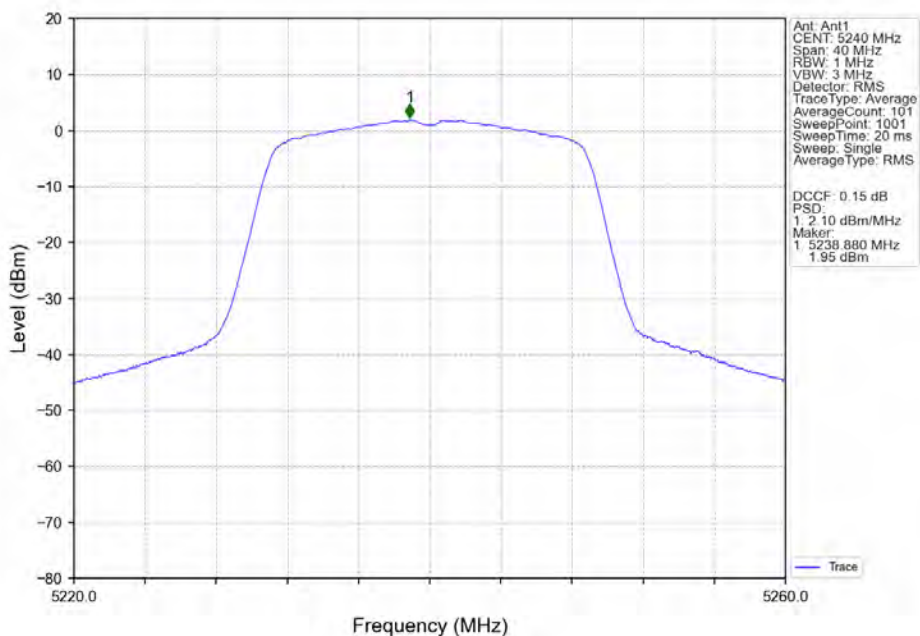
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



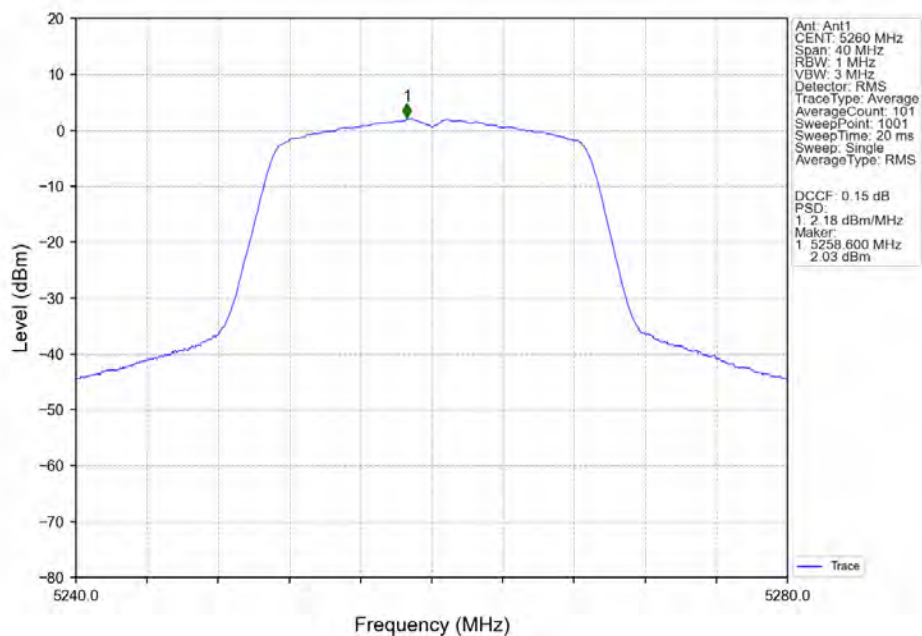
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



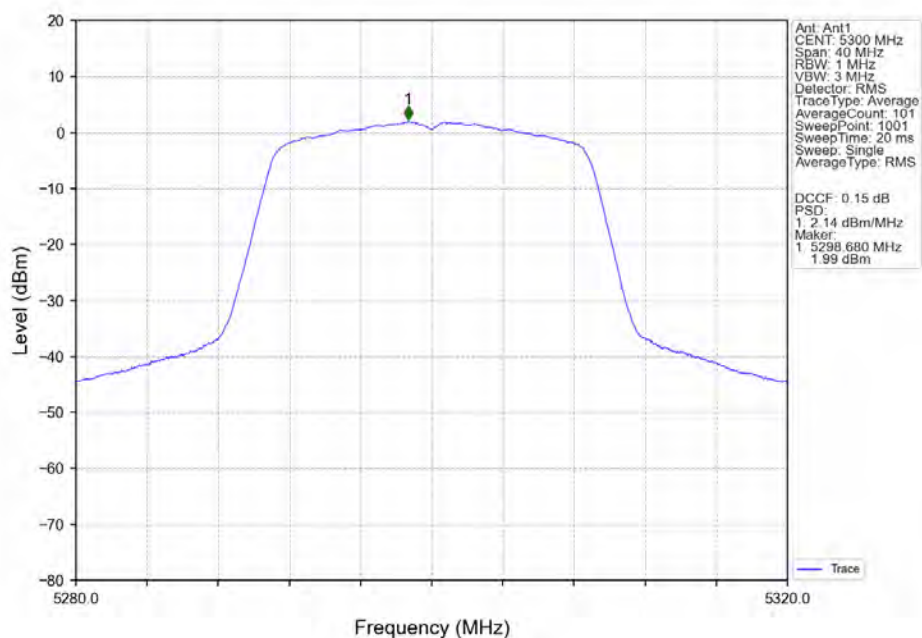
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



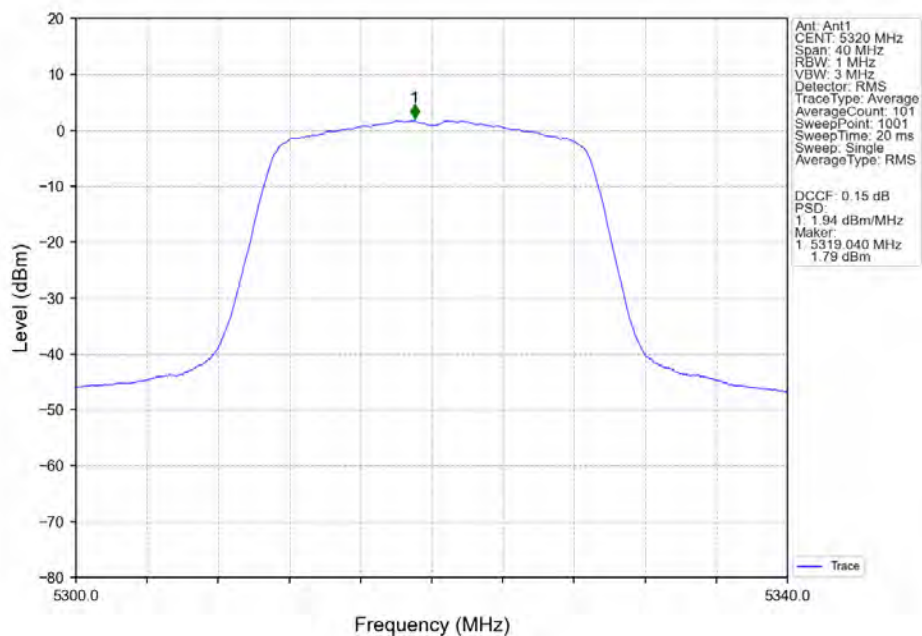
802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



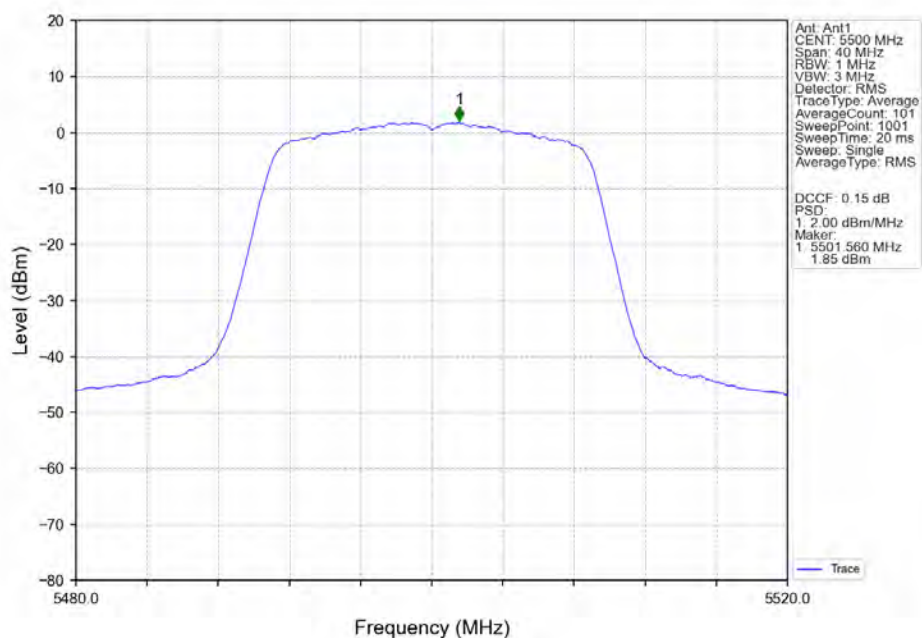
802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



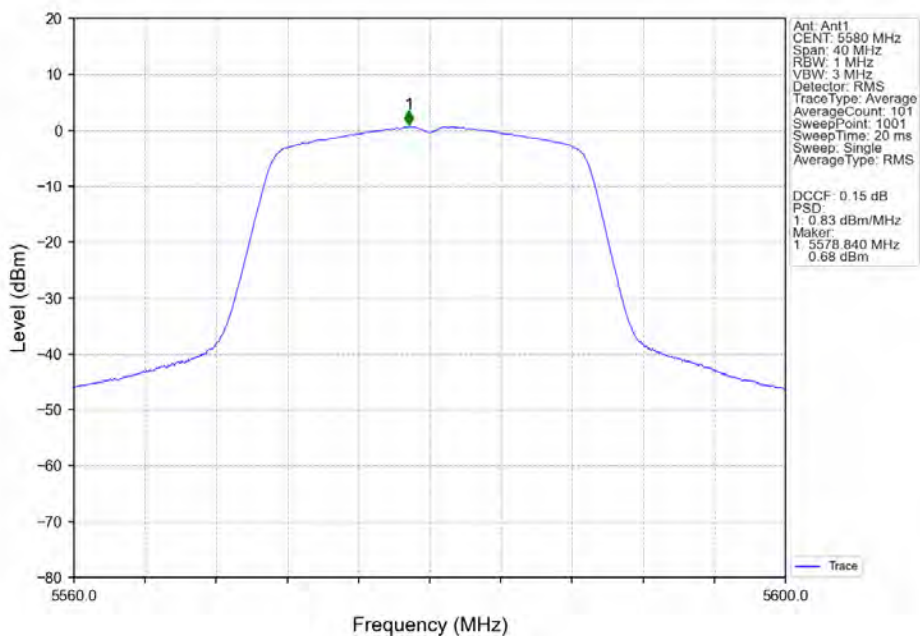
802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



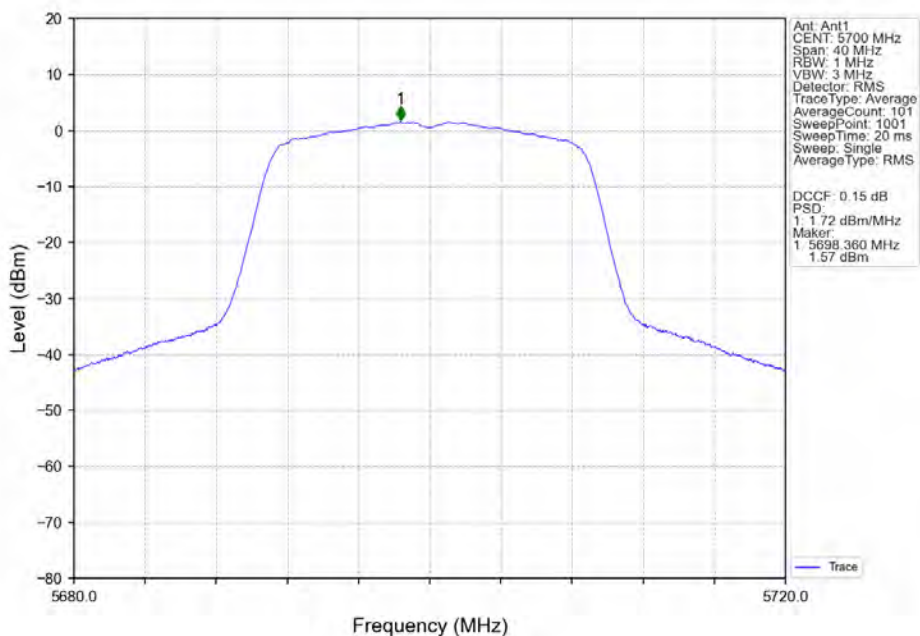
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



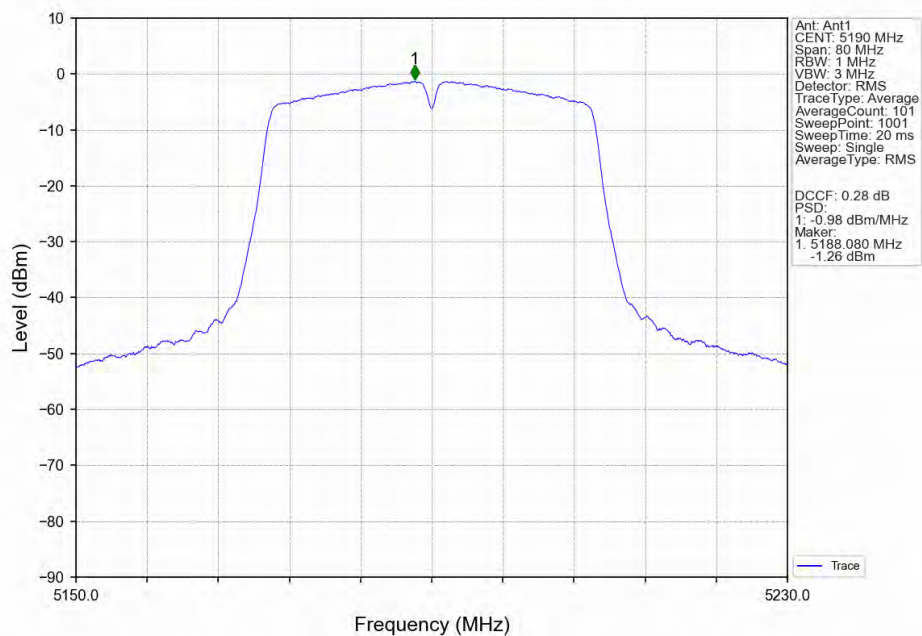
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



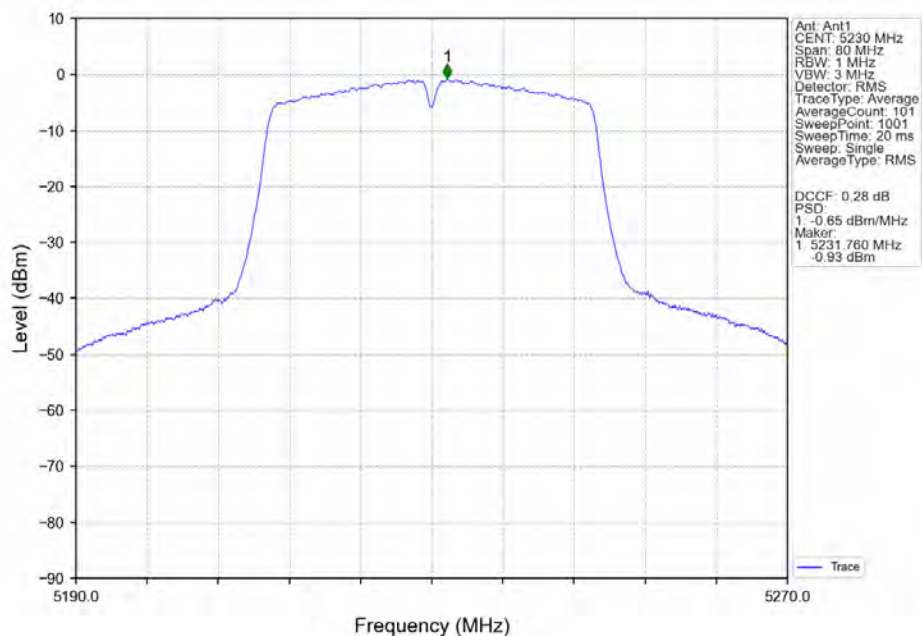
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



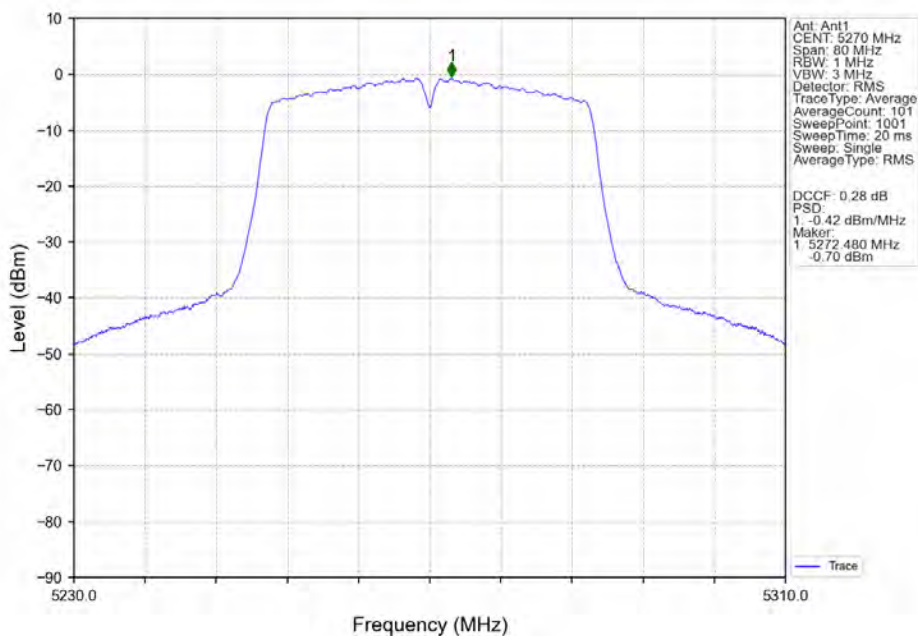
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



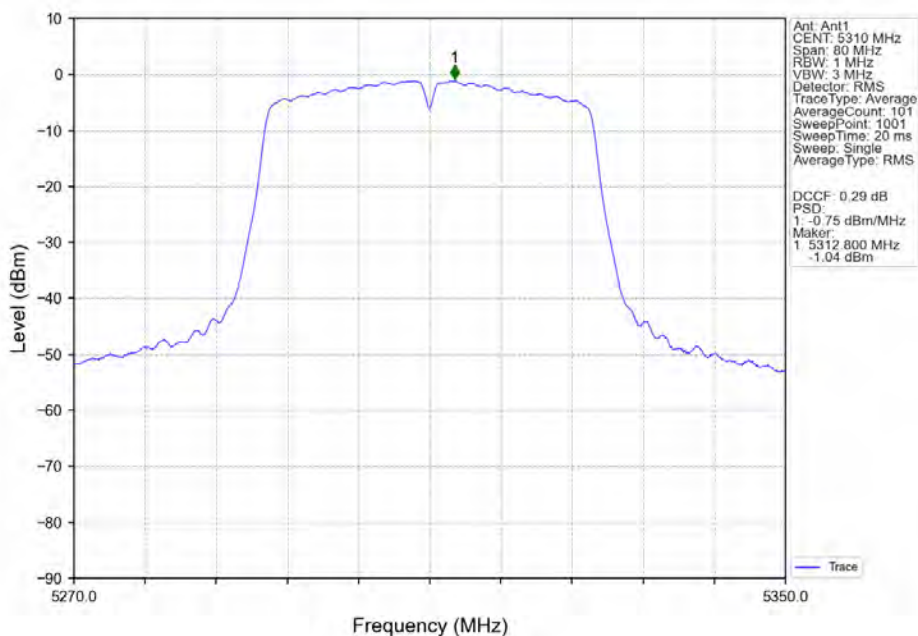
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



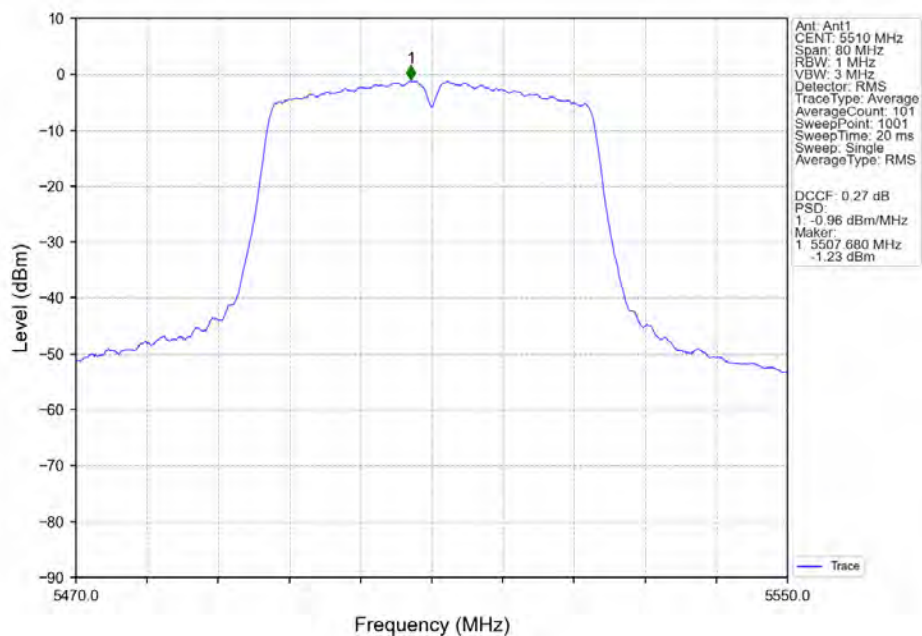
802.11n(HT40)_LCH_5270MHz_Ant2_NTNV



802.11n(HT40)_HCH_5310MHz_Ant2_NTNV



802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



802.11n(HT40)_MCH_5550MHz_Ant2_NTNV

