

ANNEX G TEST DATA

For

Project No.:	8337EU012312W
Client:	SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Product Description:	Android Tablet
Model No.:	EM1095M
FCC ID:	2ABC5-E0110
Technology:	WiFi 5G
Test Engineer:	<i>Mikoy zhu</i>
Test Date:	2026-02-03

Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Unwanted Emissions In Non-restricted Frequency Bands	Pass
Frequency Stability	Pass

1. Duty Cycle

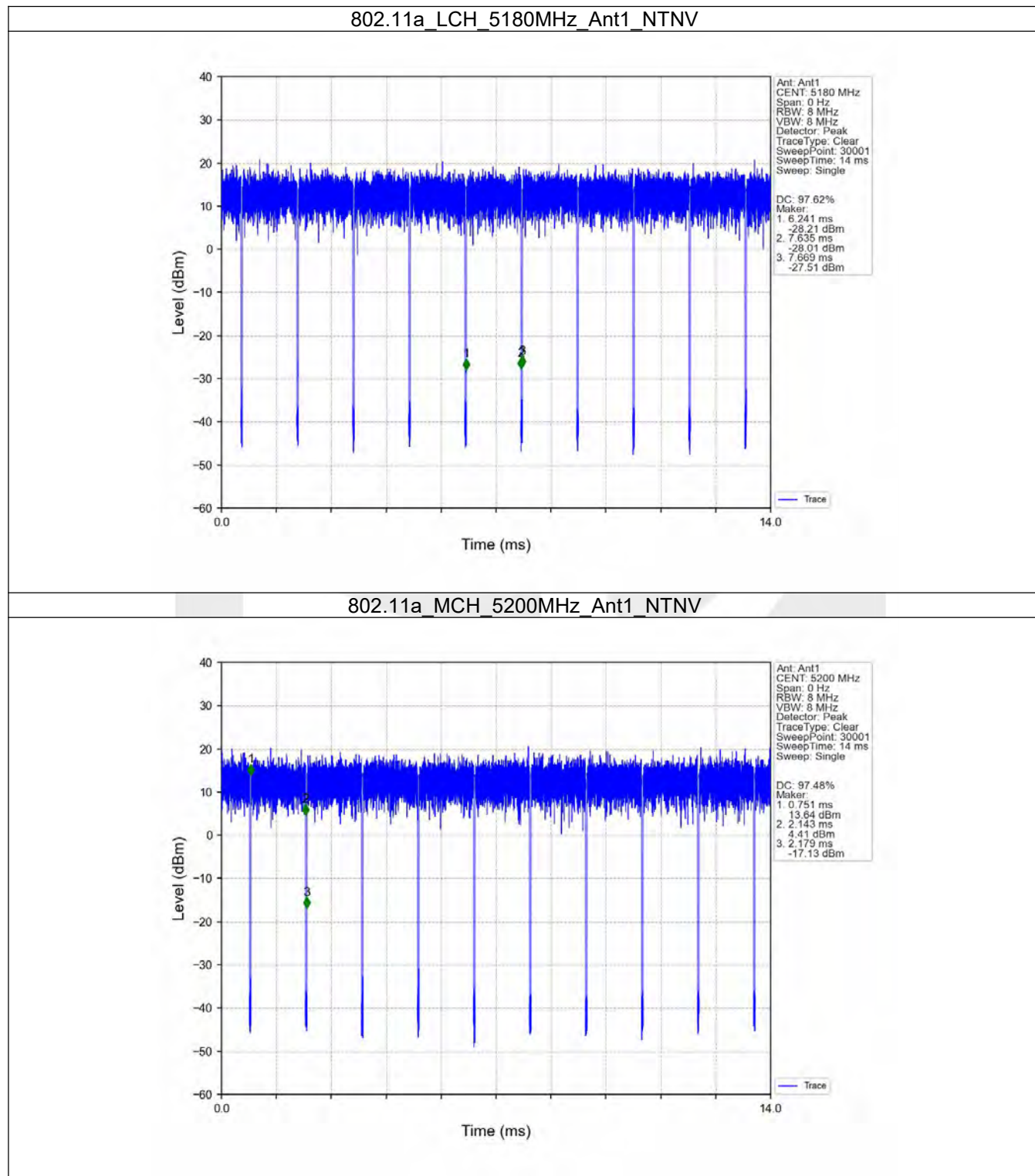
1.1 Test Result

1.1.1 Ant1

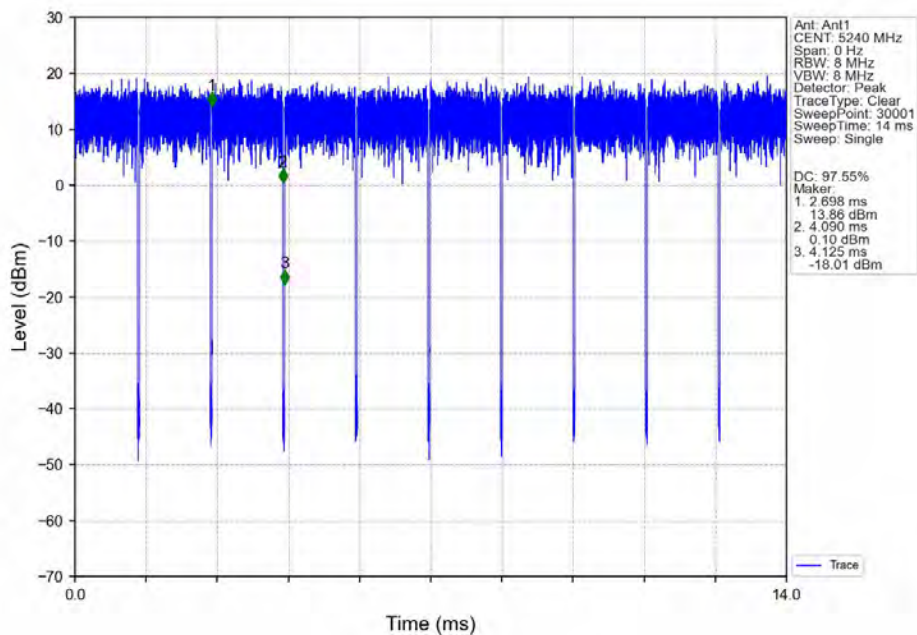
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.394	1.428	97.62	0.10	0.06
		5200	1.392	1.428	97.48	0.11	0.03
		5240	1.392	1.427	97.55	0.11	0.00
		5745	1.392	1.427	97.55	0.11	0.03
		5785	1.395	1.428	97.69	0.10	0.03
		5825	1.395	1.428	97.69	0.10	0.03
802.11n (HT20)	SISO	5180	1.288	1.324	97.28	0.12	0.04
		5200	1.289	1.324	97.36	0.12	0.03
		5240	1.288	1.323	97.35	0.12	0.03
		5745	1.288	1.324	97.28	0.12	0.03
		5785	1.290	1.324	97.43	0.11	0.03
		5825	1.288	1.324	97.28	0.12	0.03
802.11n (HT40)	SISO	5190	0.637	0.671	94.93	0.23	0.03
		5230	0.636	0.671	94.78	0.23	0.07
		5755	0.637	0.671	94.93	0.23	0.04
		5795	0.637	0.671	94.93	0.23	0.03
802.11ac (VHT20)	SISO	5180	1.312	1.348	97.33	0.12	0.04
		5200	1.314	1.348	97.48	0.11	0.03
		5240	1.313	1.348	97.40	0.11	0.03
		5745	100.000	100.000	100.00	0.00	0.00
		5785	1.314	1.348	97.48	0.11	0.03
		5825	1.314	1.348	97.48	0.11	0.03
802.11ac (VHT40)	SISO	5190	0.654	0.688	95.06	0.22	0.06
		5230	0.653	0.687	95.05	0.22	0.04
		5755	0.653	0.687	95.05	0.22	0.03
		5795	0.653	0.687	95.05	0.22	0.03
802.11ac (VHT80)	SISO	5210	0.324	0.358	90.50	0.43	0.04
		5775	0.325	0.359	90.53	0.43	0.04

1.2 Test Graph

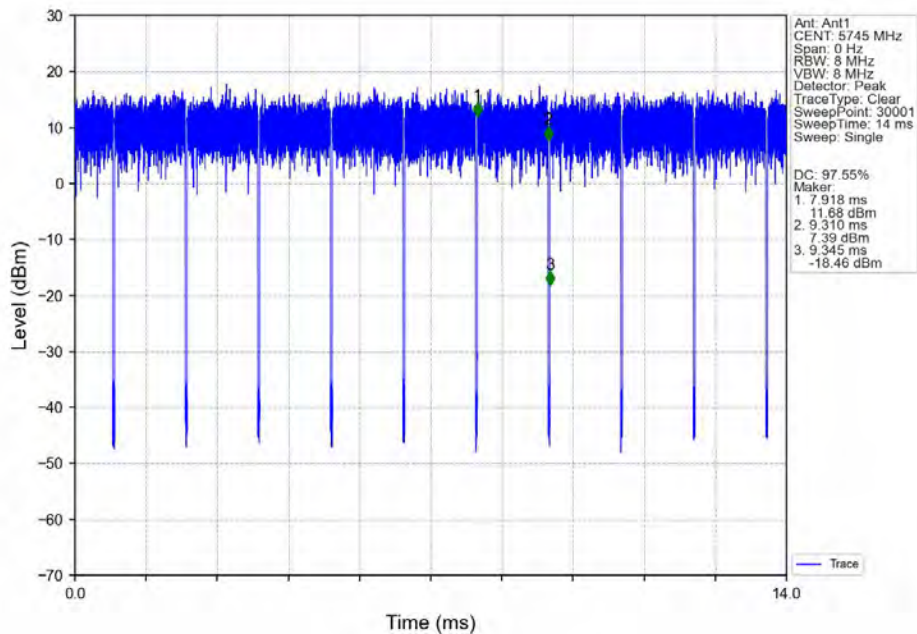
1.2.1 Ant1



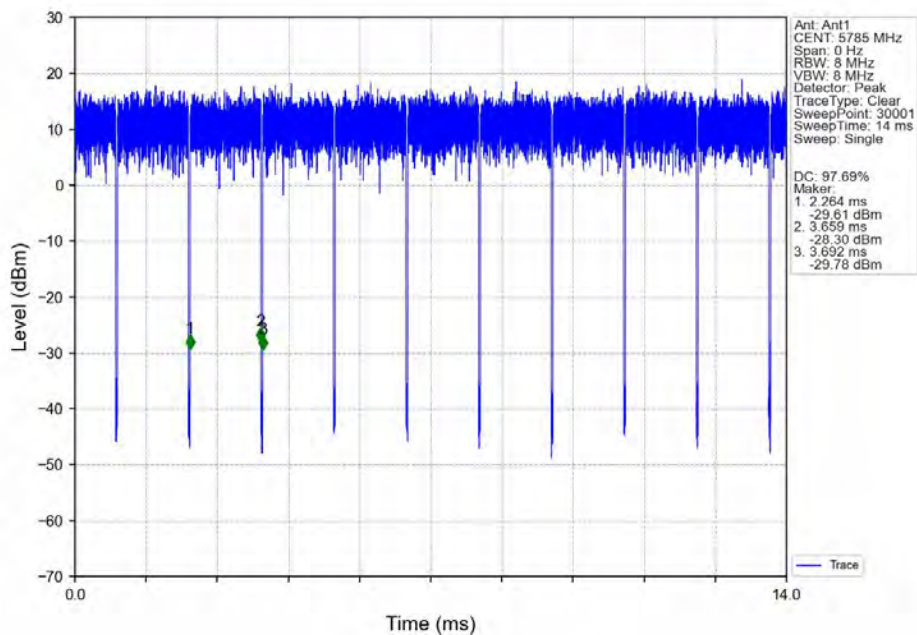
802.11a_HCH_5240MHz_Ant1_NTNV



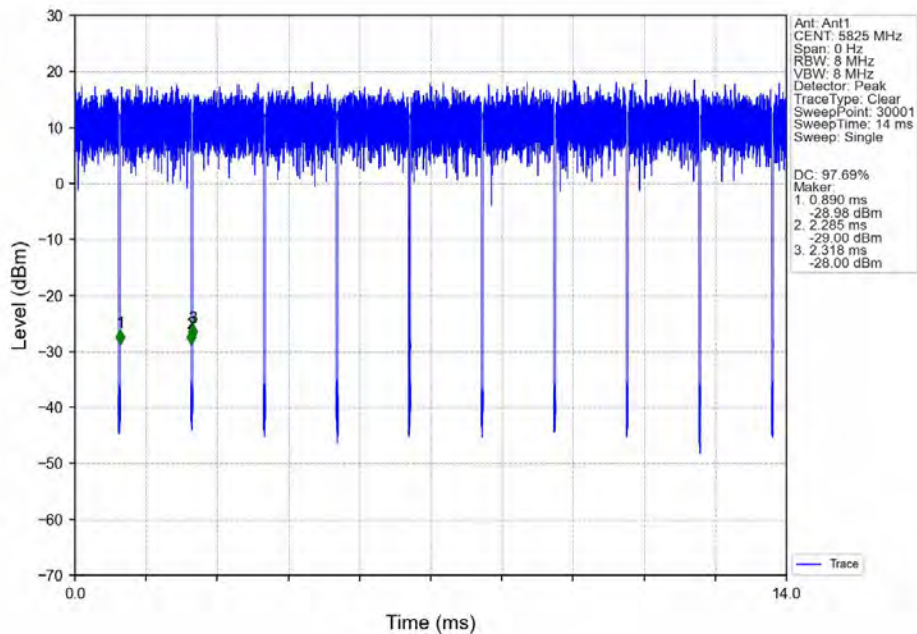
802.11a_LCH_5745MHz_Ant1_NTNV



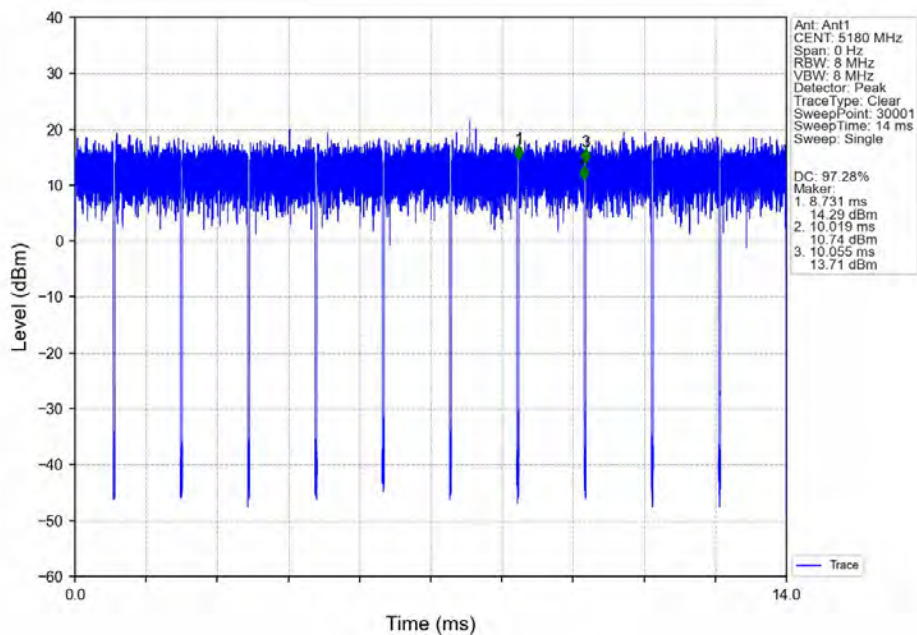
802.11a_MCH_5785MHz_Ant1_NTNV



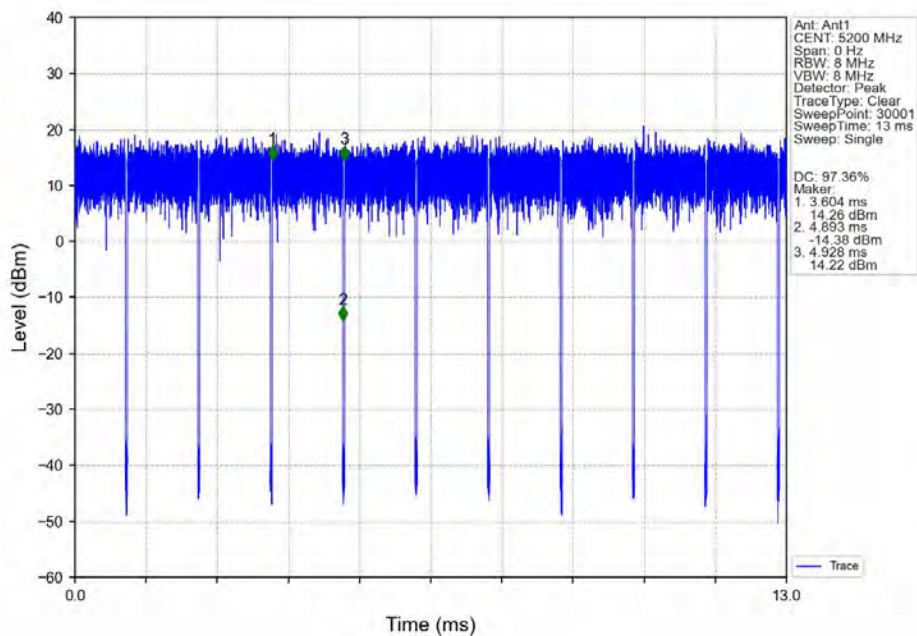
802.11a_HCH_5825MHz_Ant1_NTNV



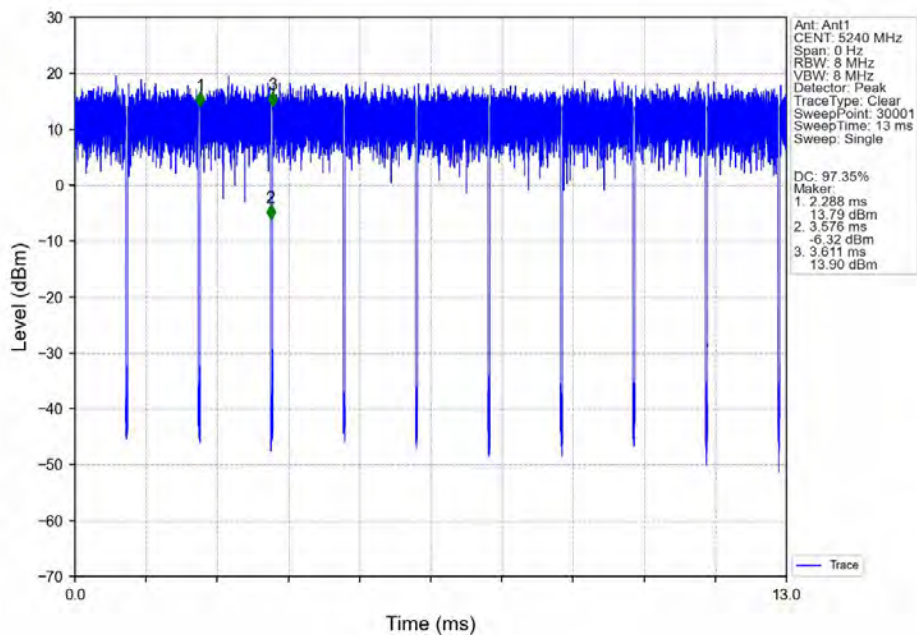
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



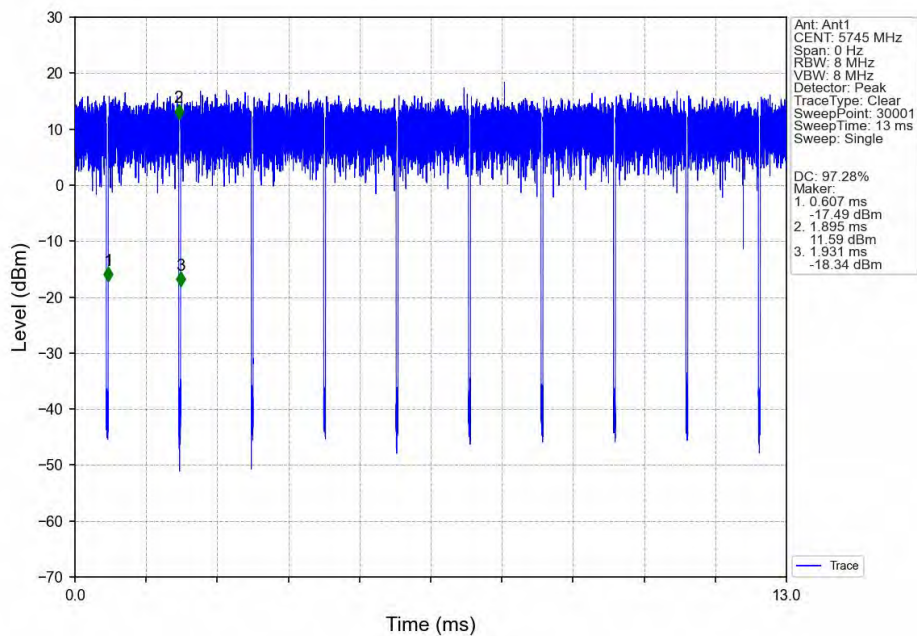
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



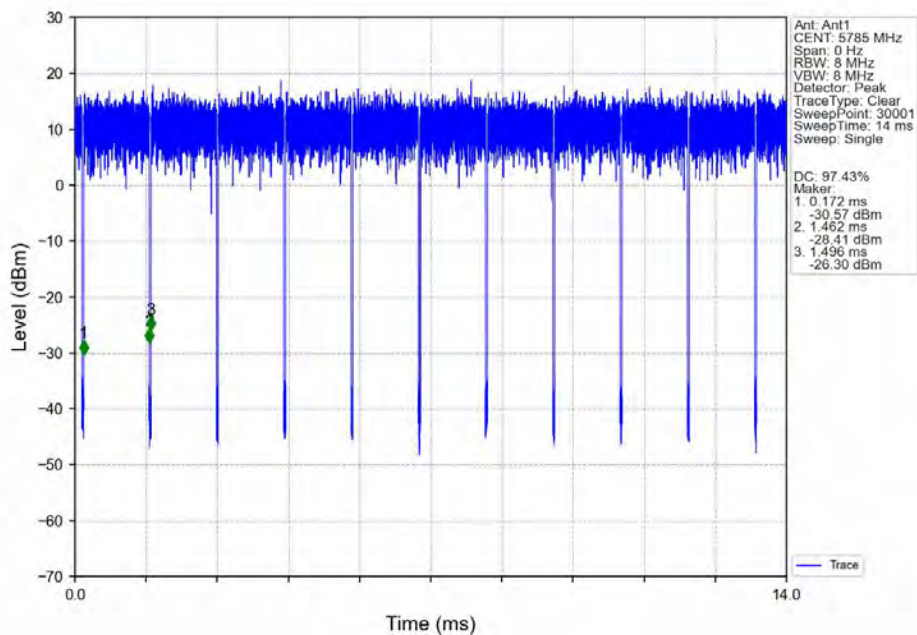
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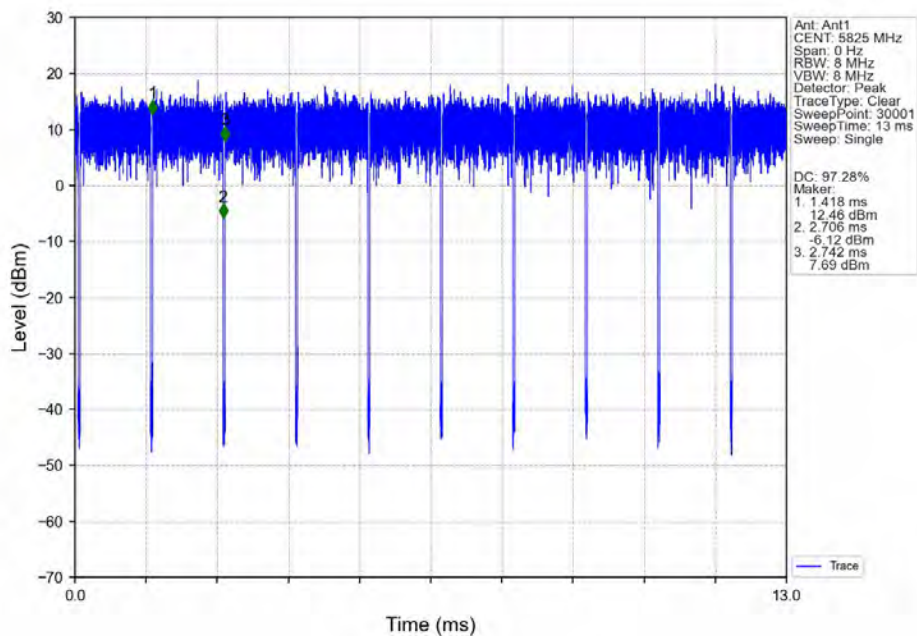
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



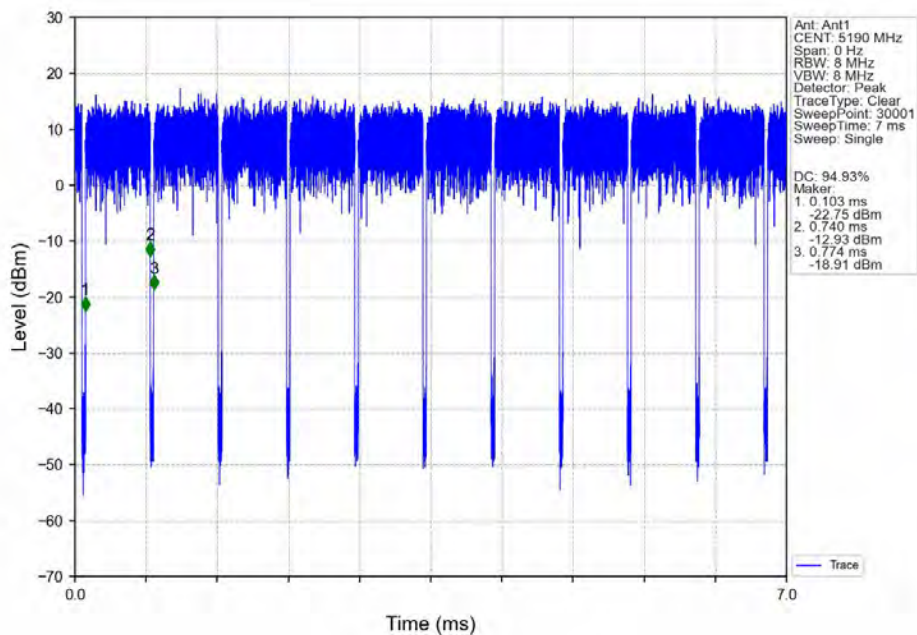
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



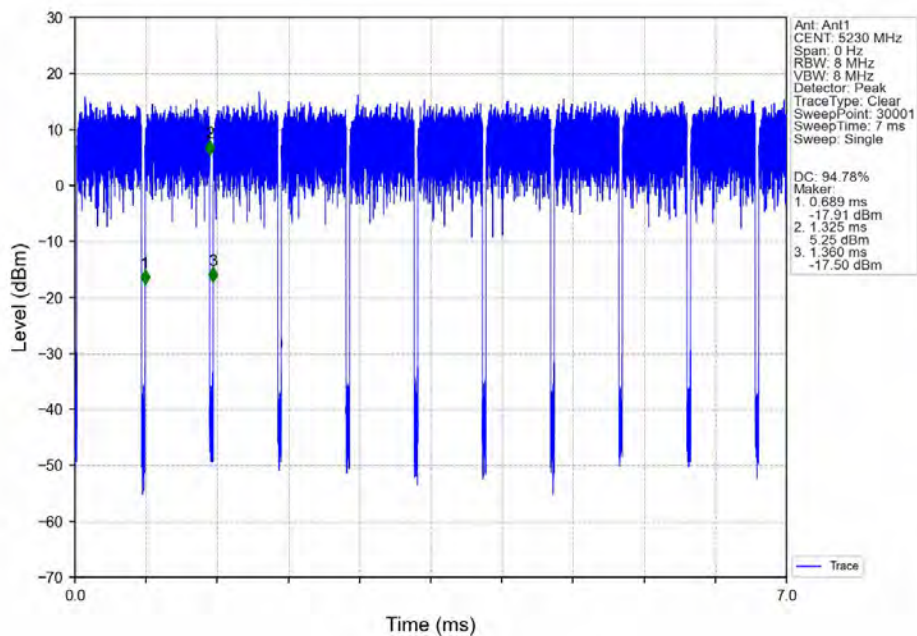
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



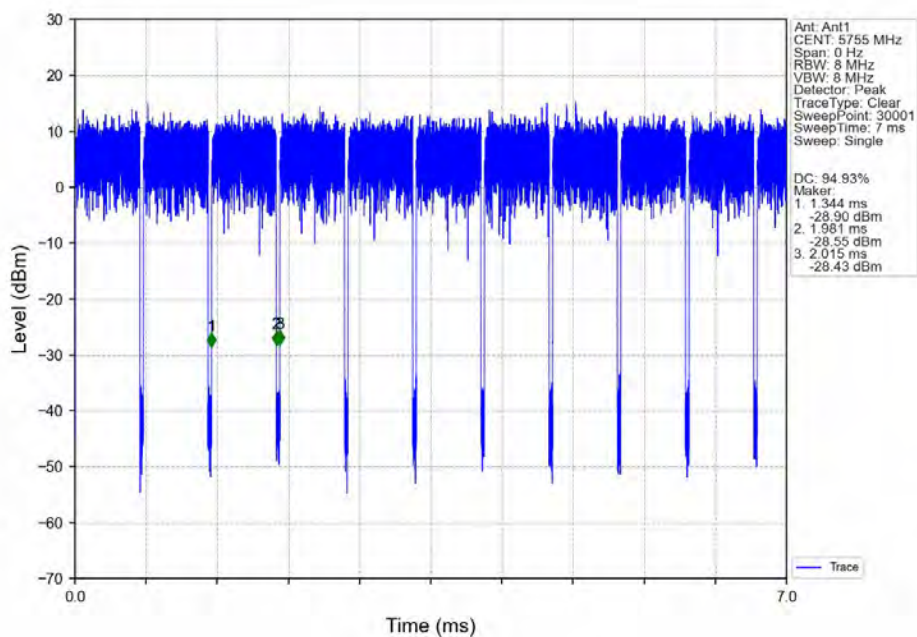
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



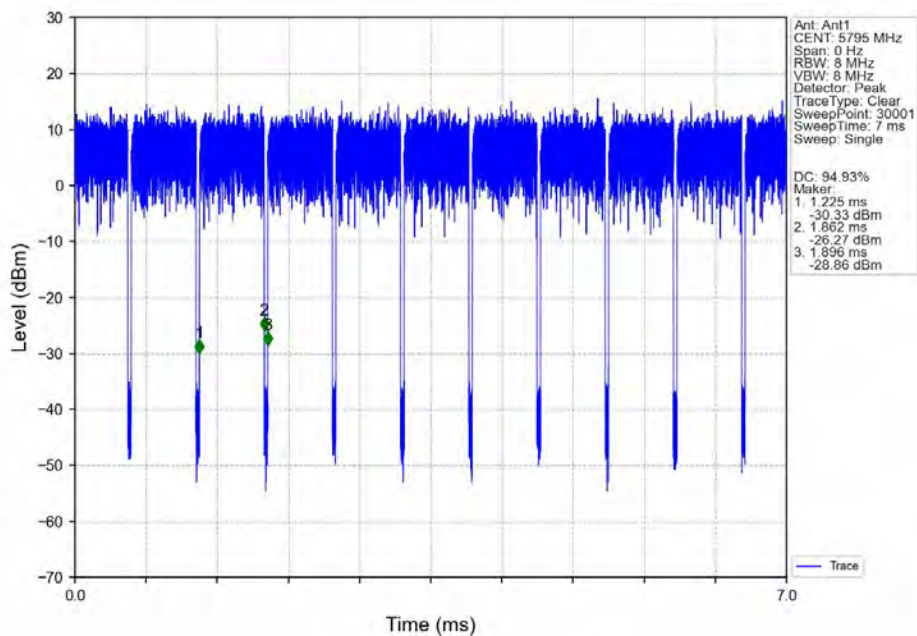
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



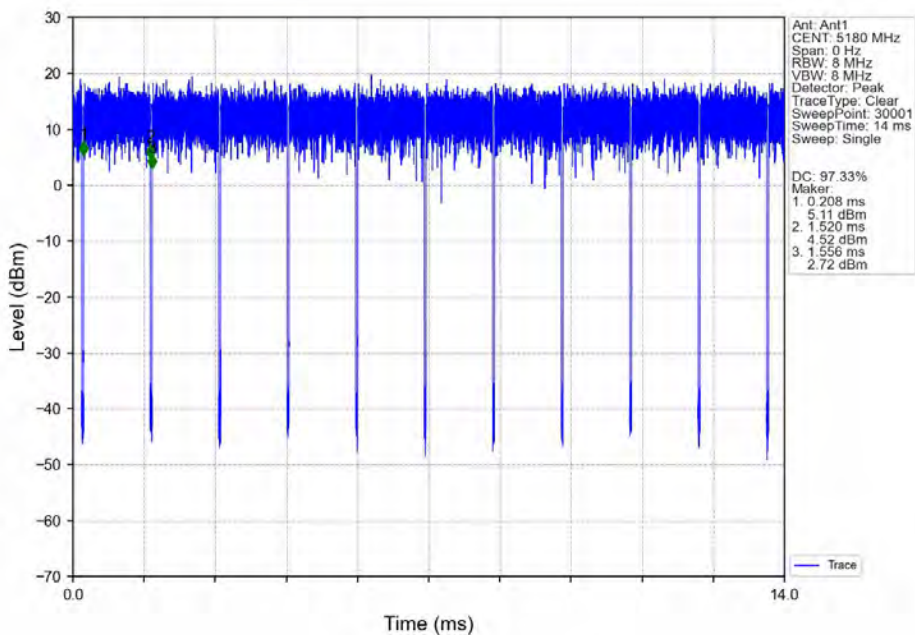
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



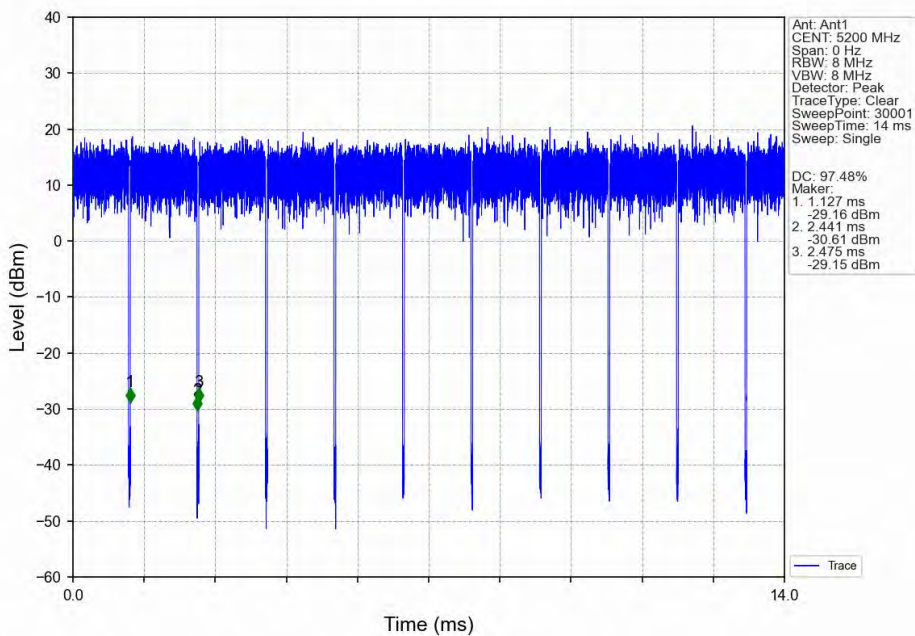
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



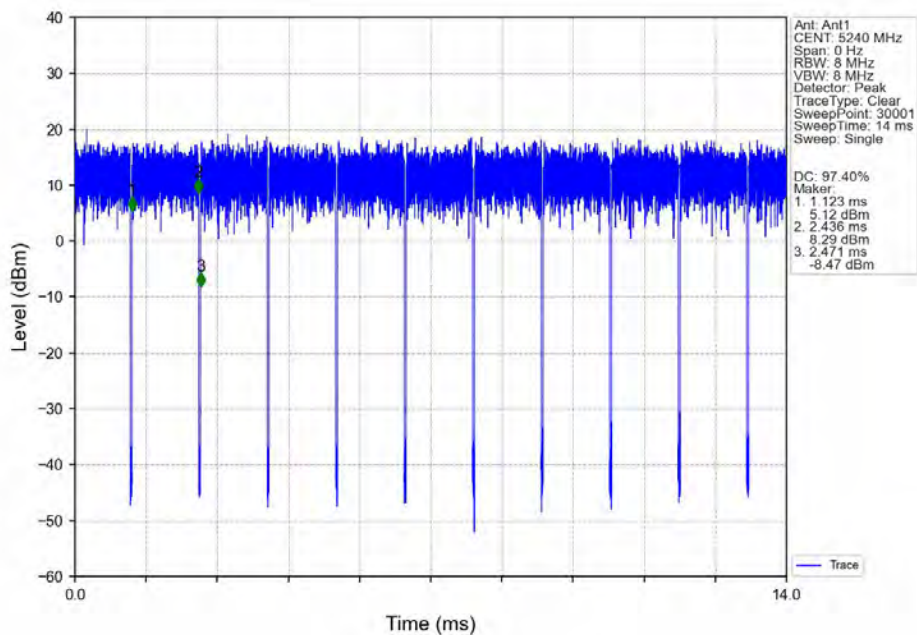
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



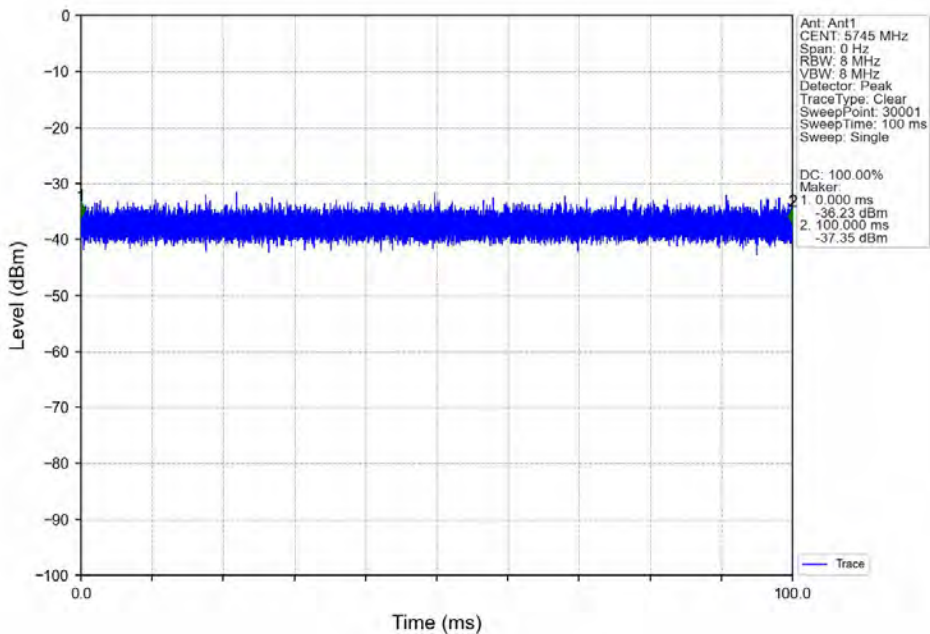
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



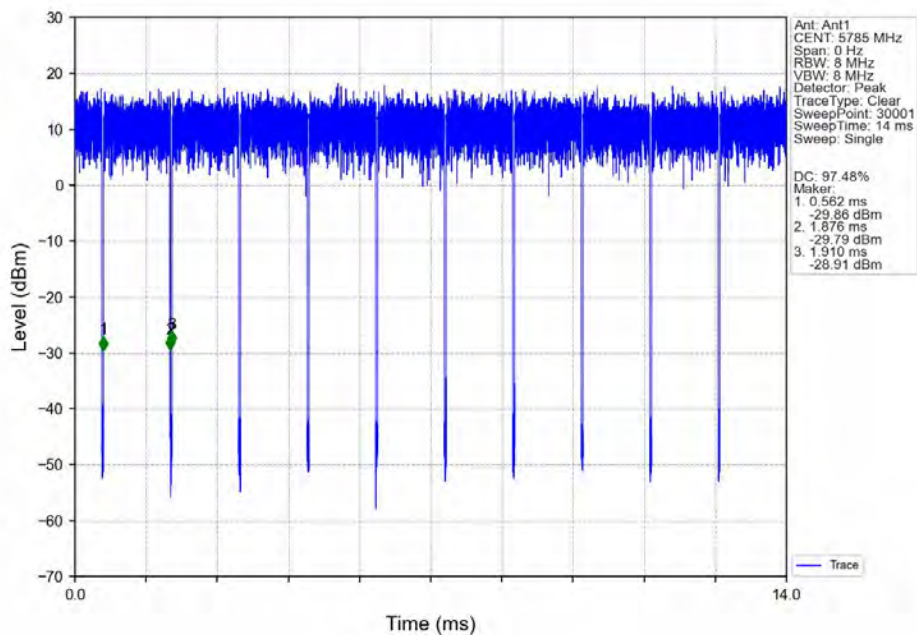
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



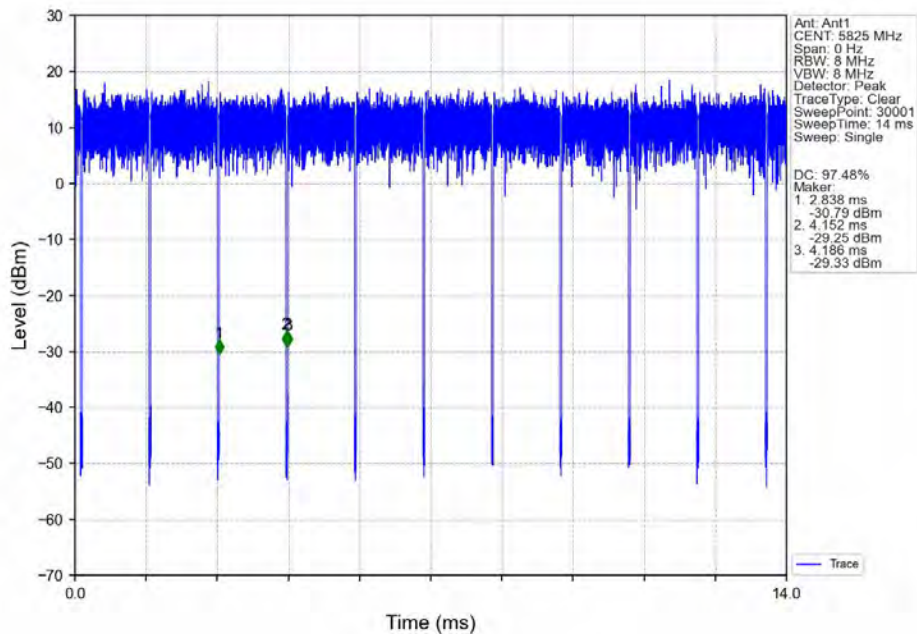
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



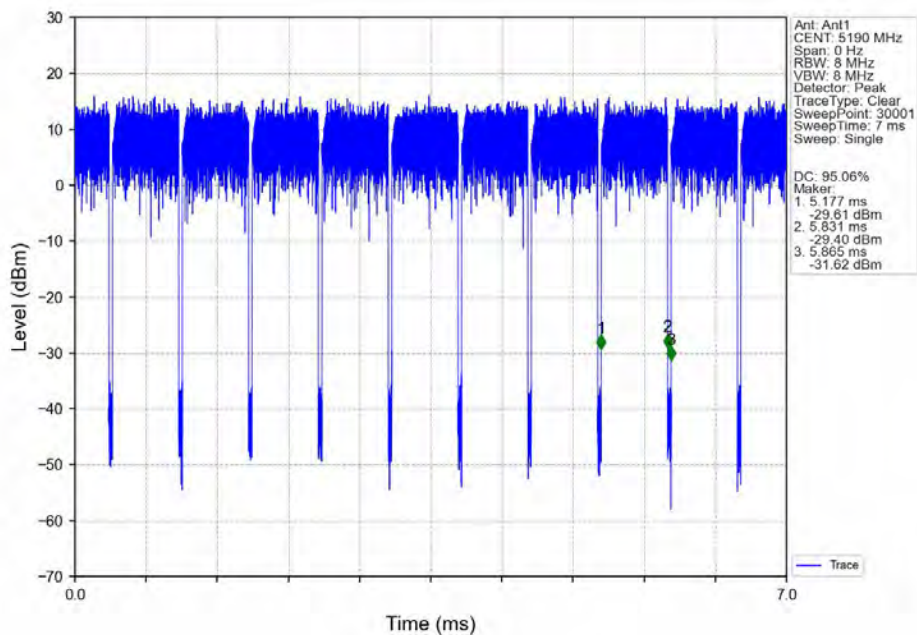
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



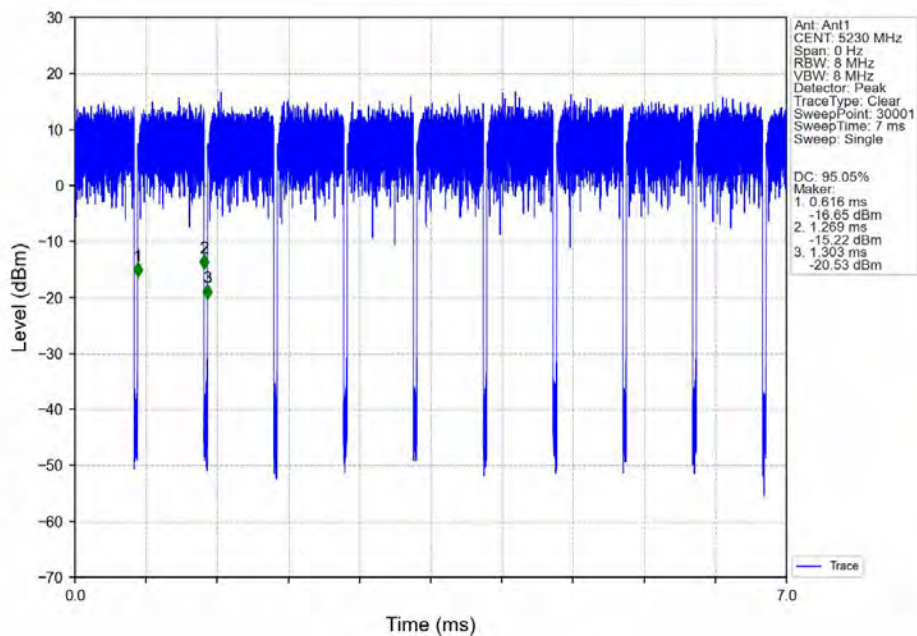
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



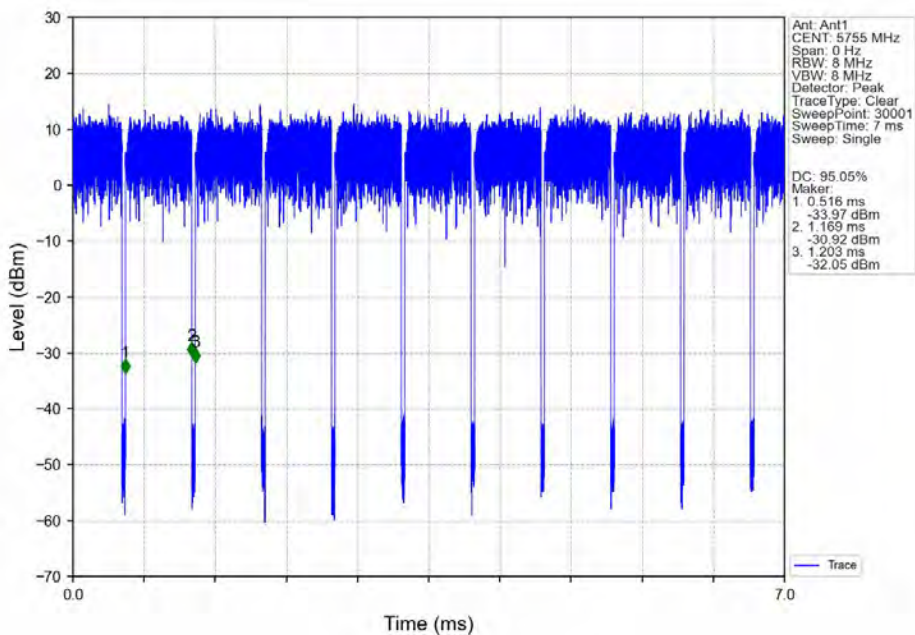
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



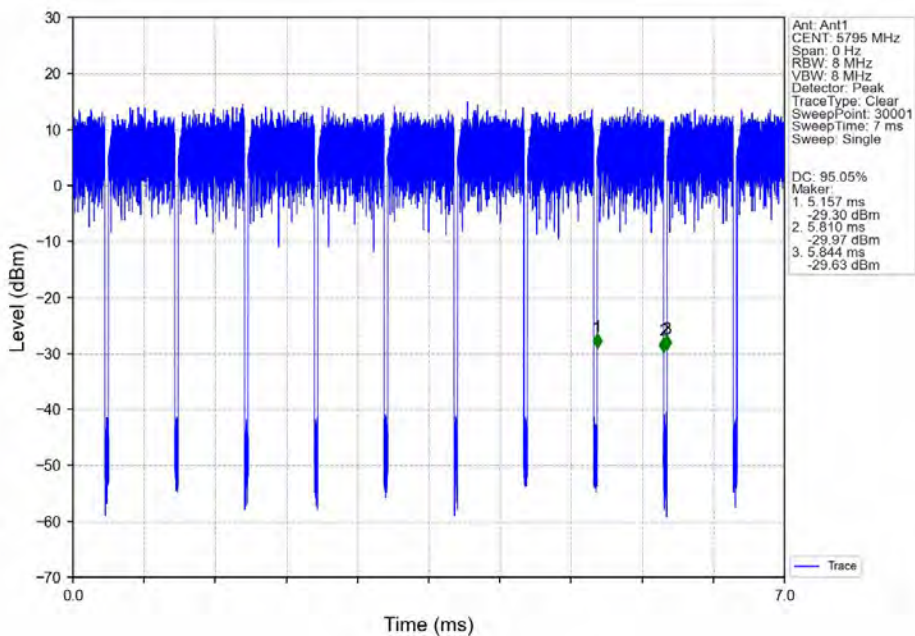
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



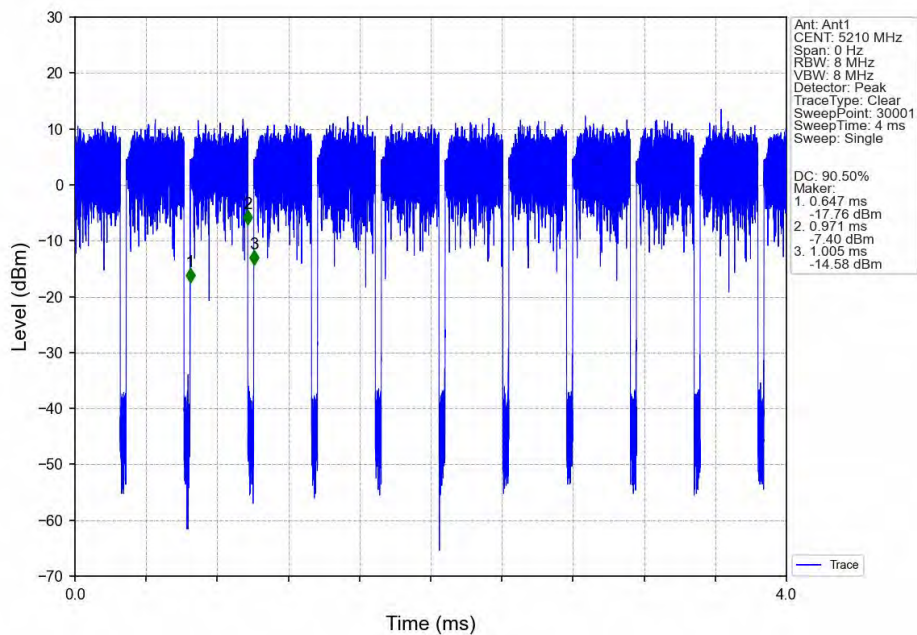
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



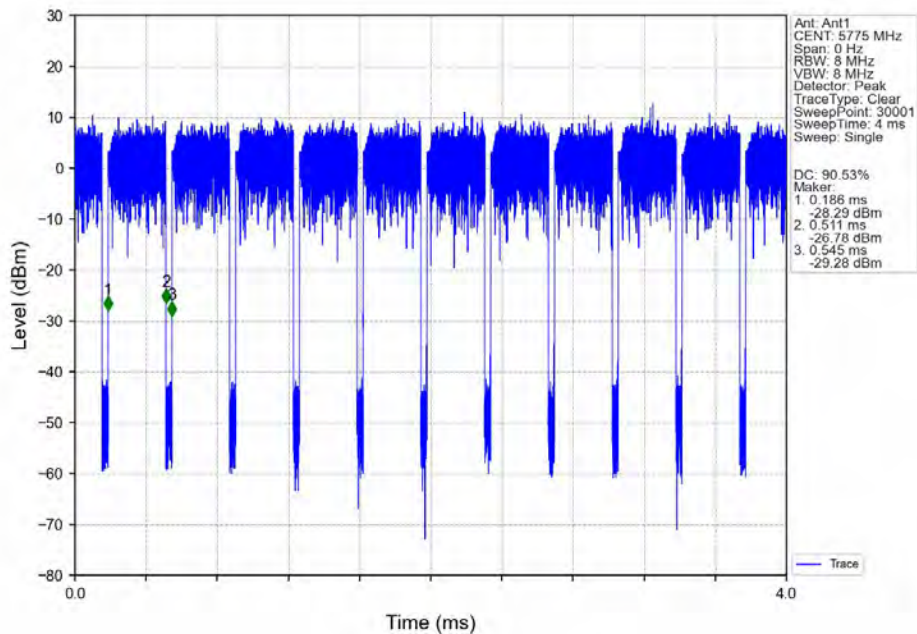
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.146	/	Pass
		5200	1	17.092	/	Pass
		5240	1	17.125	/	Pass
		5745	1	17.139	/	Pass
		5785	1	17.049	/	Pass
		5825	1	17.145	/	Pass
802.11n (HT20)	SISO	5180	1	18.050	/	Pass
		5200	1	18.045	/	Pass
		5240	1	18.012	/	Pass
		5745	1	18.061	/	Pass
		5785	1	18.020	/	Pass
		5825	1	18.057	/	Pass
802.11n (HT40)	SISO	5190	1	36.250	/	Pass
		5230	1	36.316	/	Pass
		5755	1	36.298	/	Pass
		5795	1	36.364	/	Pass
802.11ac (VHT20)	SISO	5180	1	17.984	/	Pass
		5200	1	17.953	/	Pass
		5240	1	18.025	/	Pass
		5745	1	18.044	/	Pass
		5785	1	18.006	/	Pass
		5825	1	18.023	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.216	/	Pass
		5230	1	36.168	/	Pass
		5755	1	36.228	/	Pass
		5795	1	36.313	/	Pass
802.11ac (VHT80)	SISO	5210	1	75.711	/	Pass
		5775	1	75.509	/	Pass

2.1.2 26dB BW

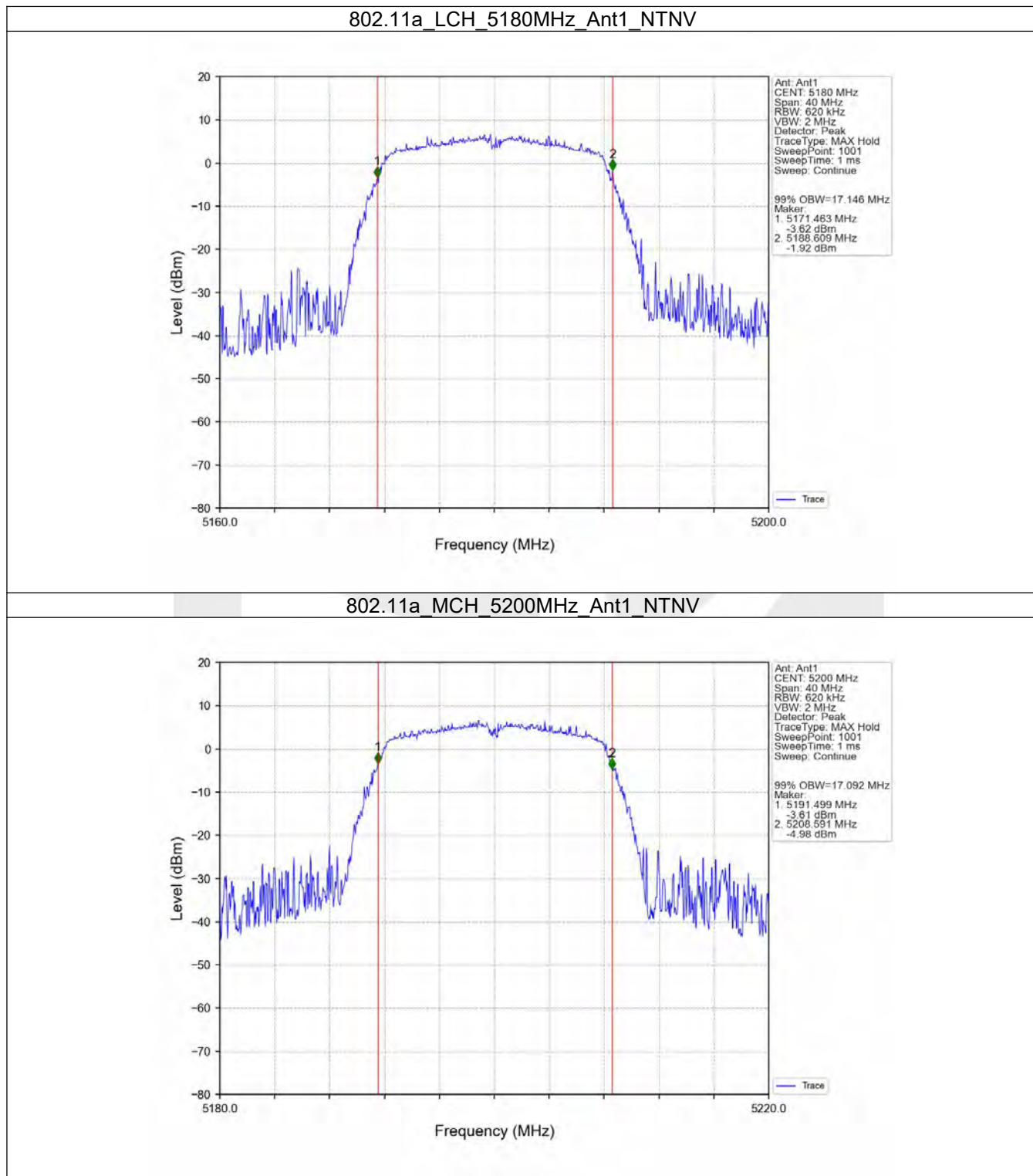
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	20.145	/	Pass
		5200	1	20.157	/	Pass
		5240	1	20.158	/	Pass
802.11n (HT20)	SISO	5180	1	20.667	/	Pass
		5200	1	20.522	/	Pass
		5240	1	20.821	/	Pass
802.11n (HT40)	SISO	5190	1	40.765	/	Pass
		5230	1	40.843	/	Pass
802.11ac (VHT20)	SISO	5180	1	20.599	/	Pass
		5200	1	20.279	/	Pass
		5240	1	20.531	/	Pass
802.11ac (VHT40)	SISO	5190	1	40.743	/	Pass
		5230	1	40.725	/	Pass
802.11ac (VHT80)	SISO	5210	1	81.149	/	Pass

2.1.3 6dB BW

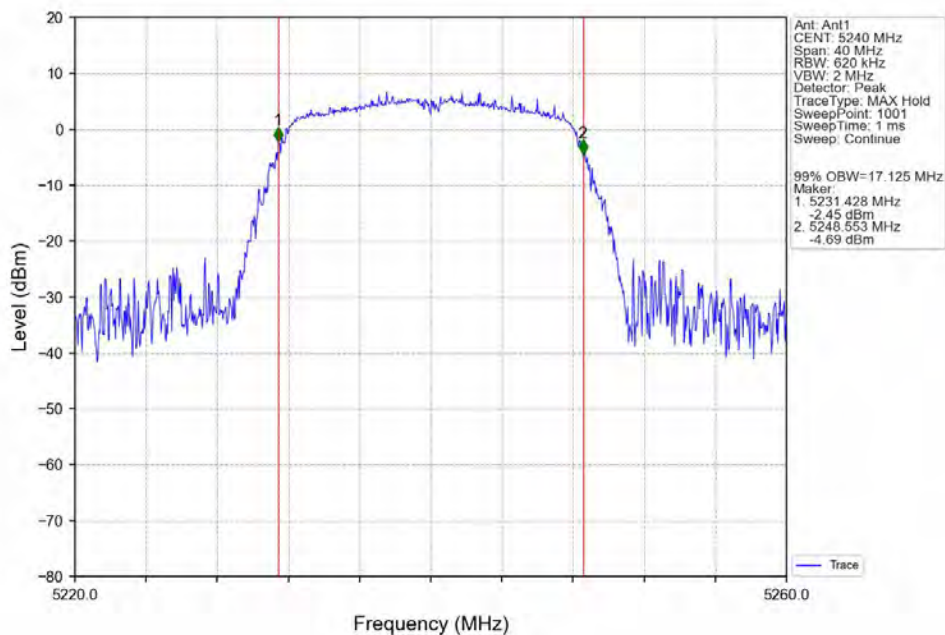
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	14.193	≥ 0.5	Pass
		5785	1	15.395	≥ 0.5	Pass
		5825	1	14.706	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	15.060	≥ 0.5	Pass
		5785	1	15.015	≥ 0.5	Pass
		5825	1	15.310	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.118	≥ 0.5	Pass
		5795	1	35.115	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	15.344	≥ 0.5	Pass
		5785	1	15.058	≥ 0.5	Pass
		5825	1	14.172	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	33.880	≥ 0.5	Pass
		5795	1	35.094	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.105	≥ 0.5	Pass

2.2 Test Graph

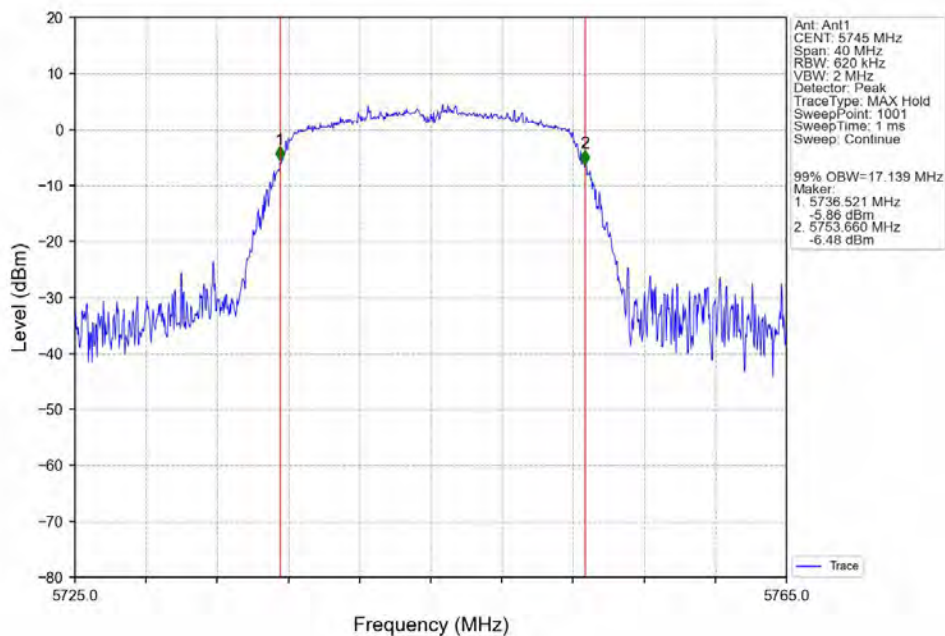
2.2.1 OBW



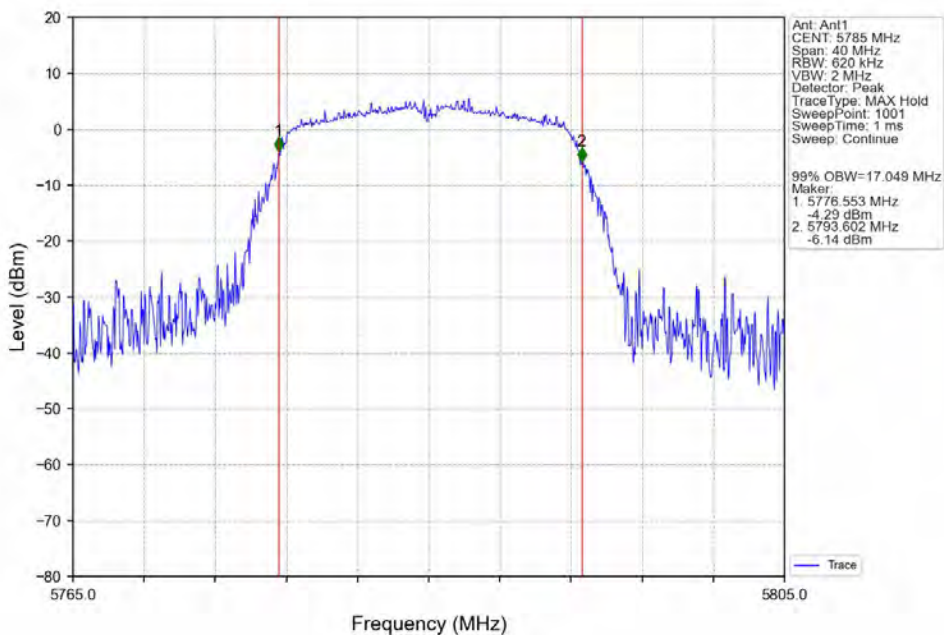
802.11a_HCH_5240MHz_Ant1_NTNV



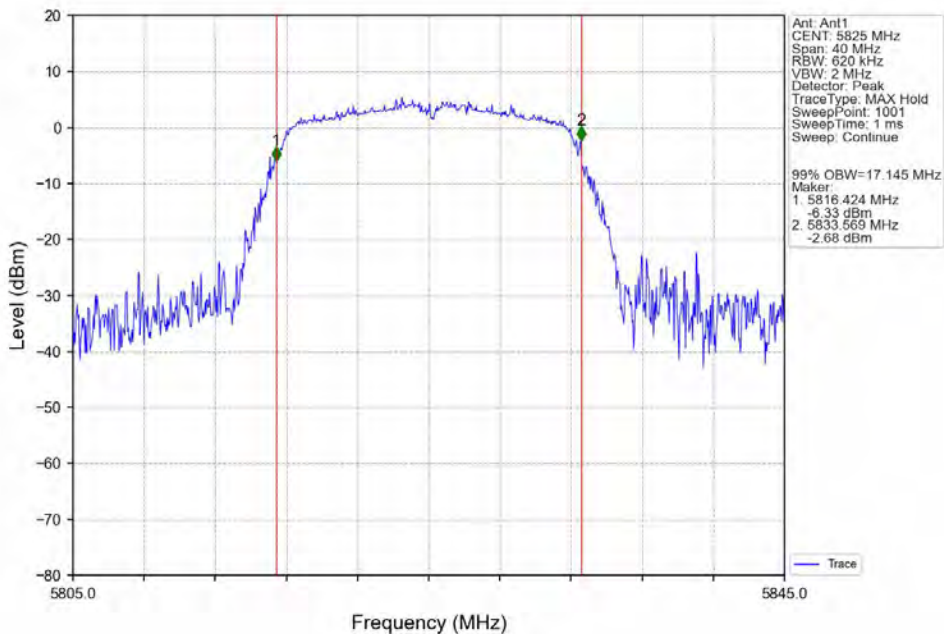
802.11a_LCH_5745MHz_Ant1_NTNV



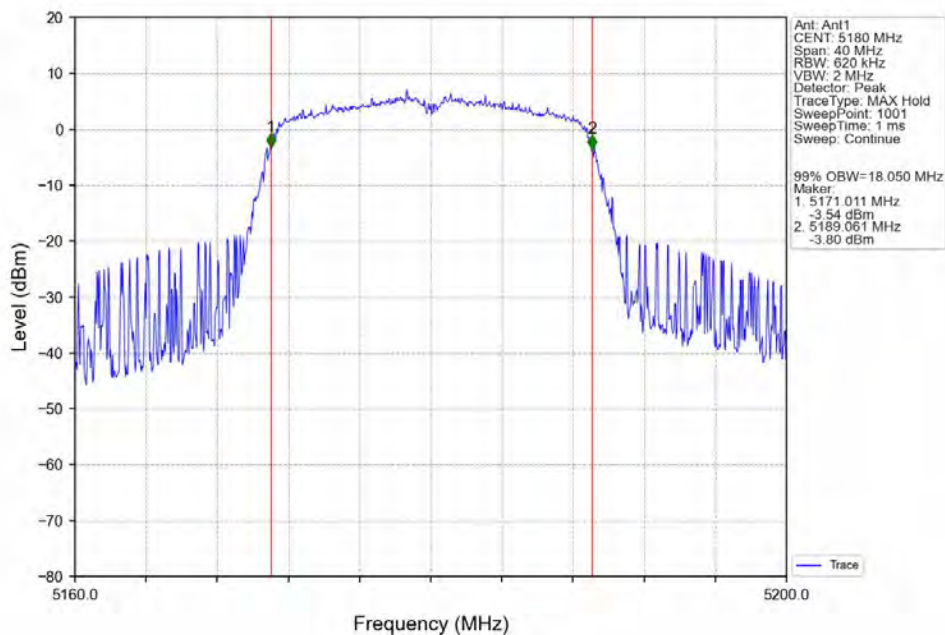
802.11a_MCH_5785MHz_Ant1_NTNV



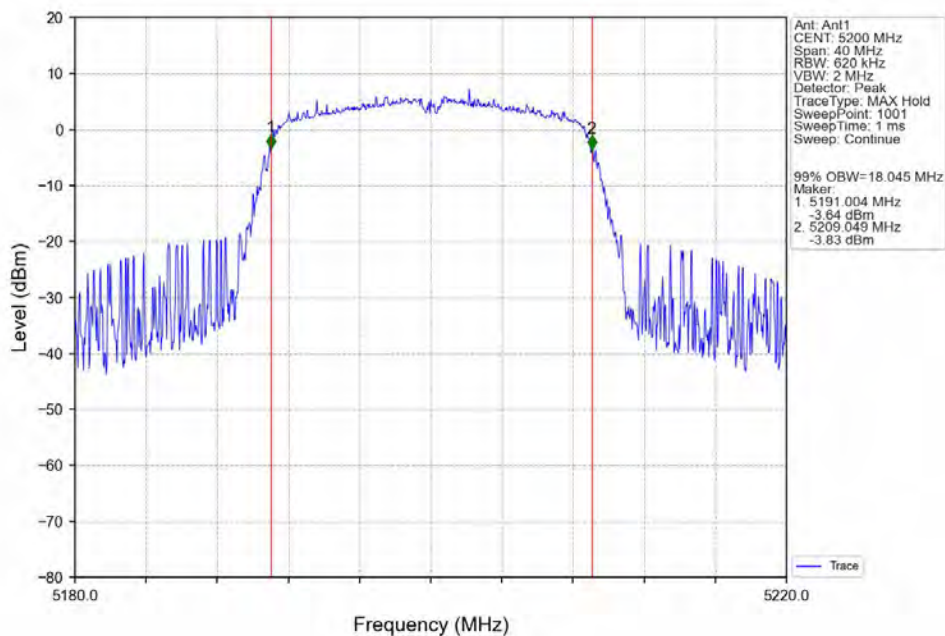
802.11a_HCH_5825MHz_Ant1_NTNV



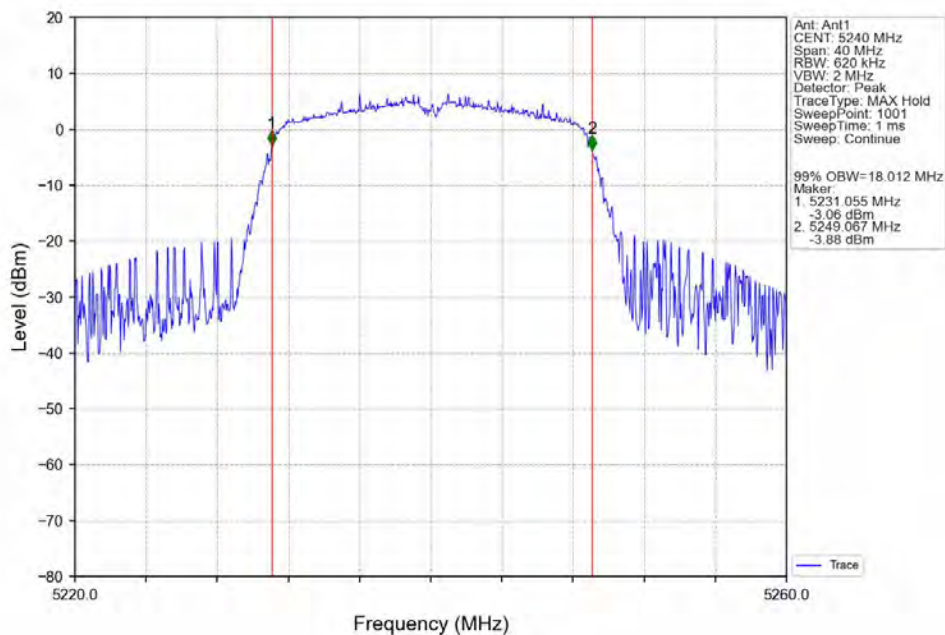
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



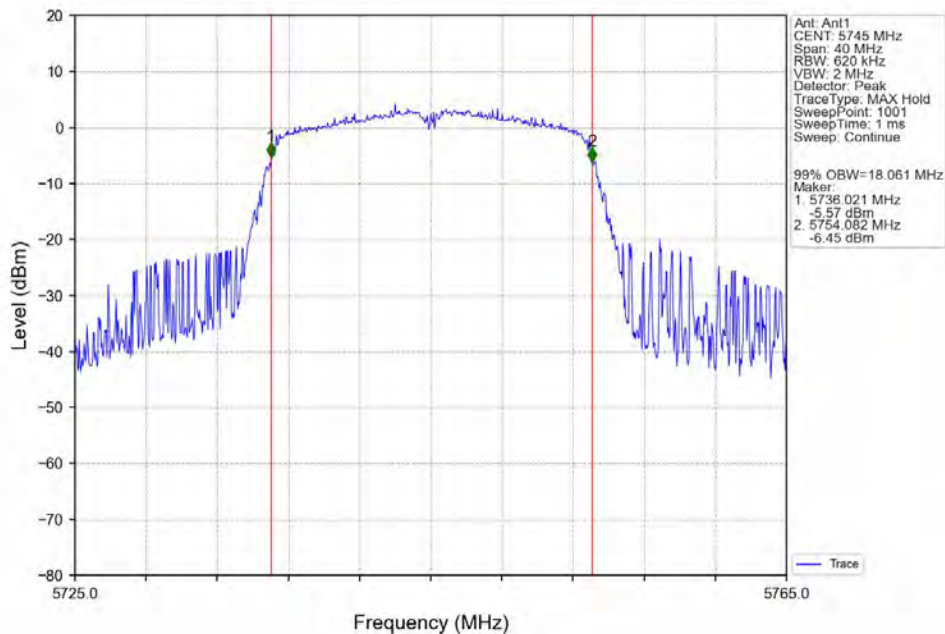
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



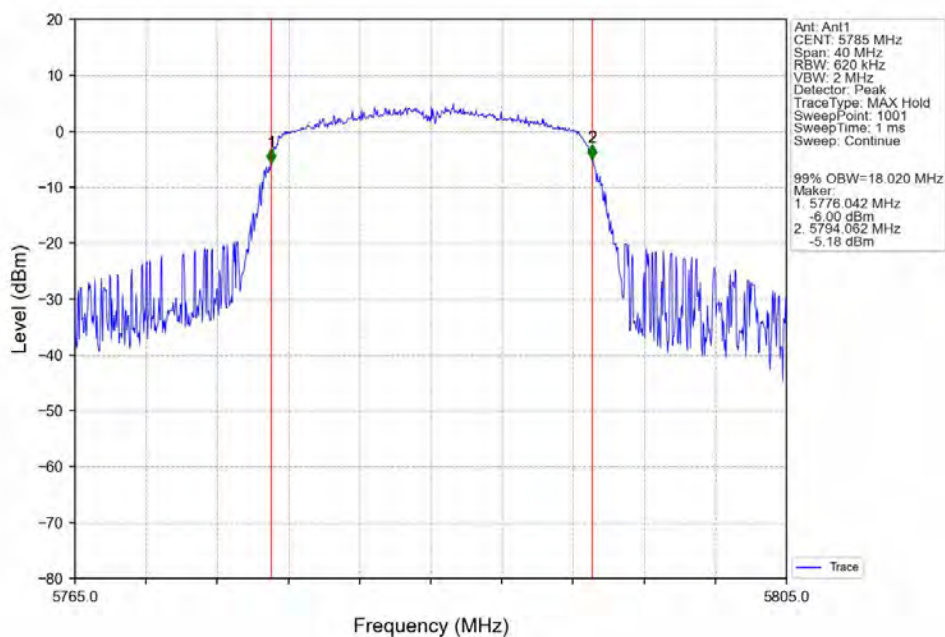
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



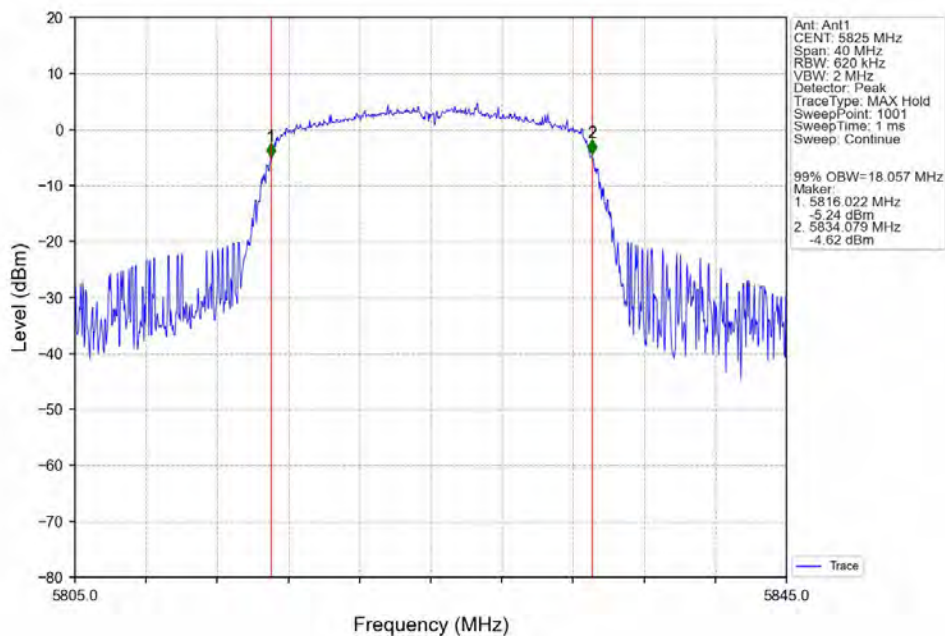
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



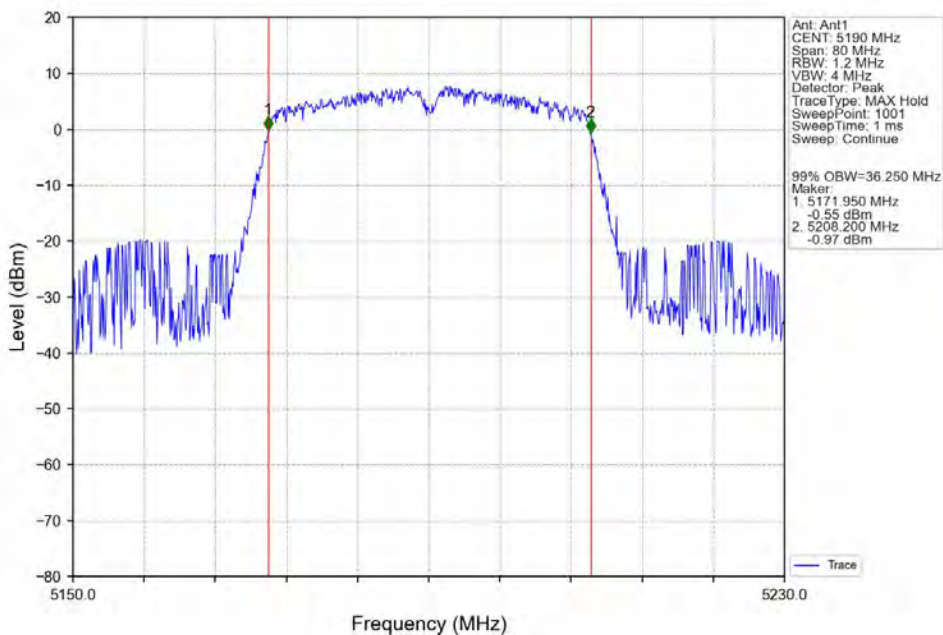
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



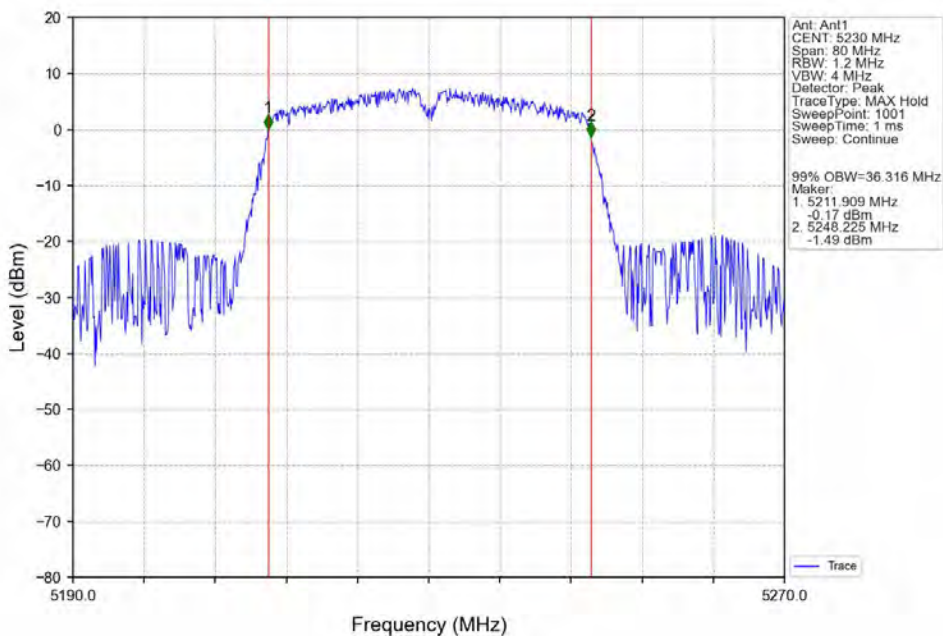
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



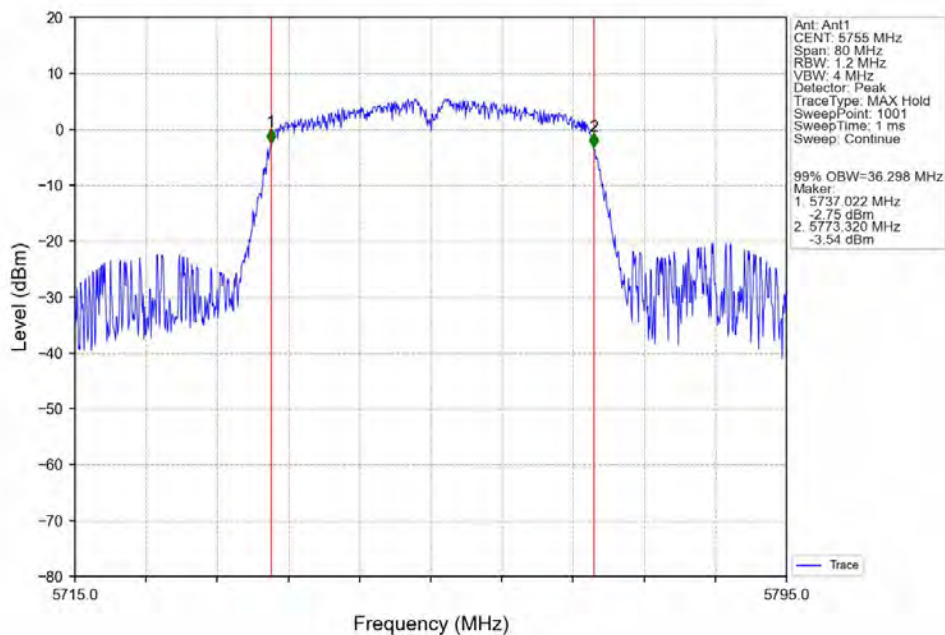
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



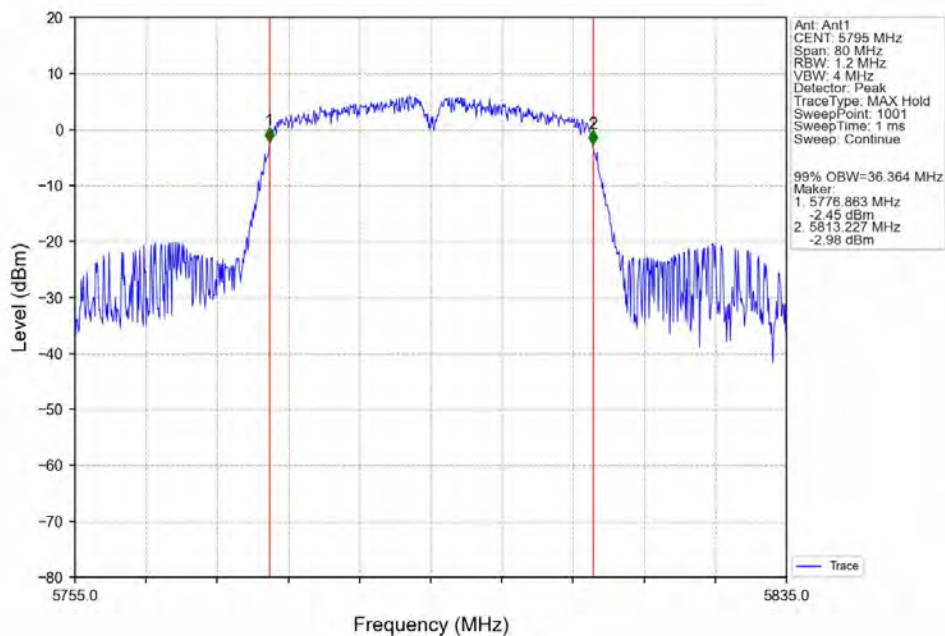
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



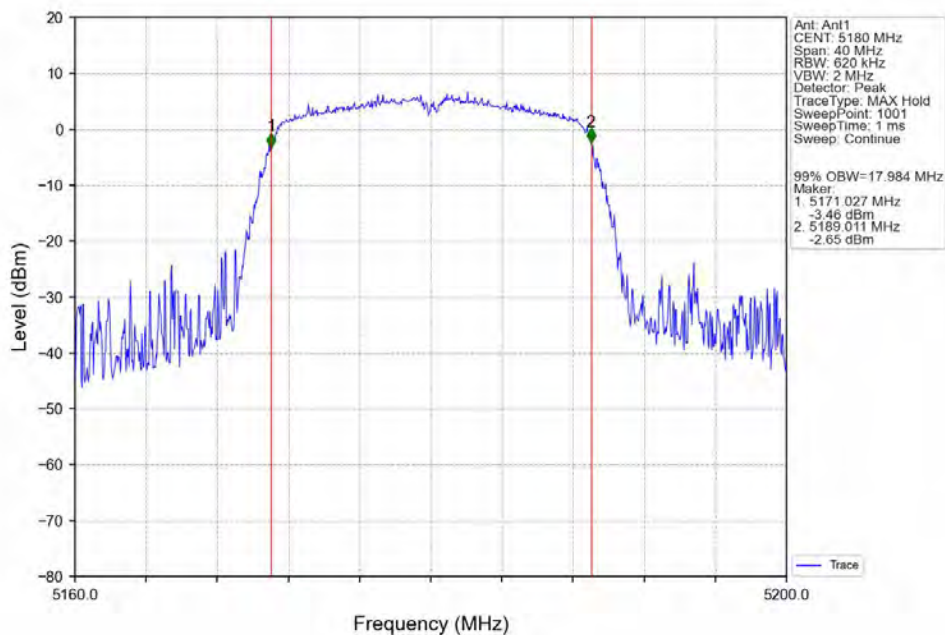
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



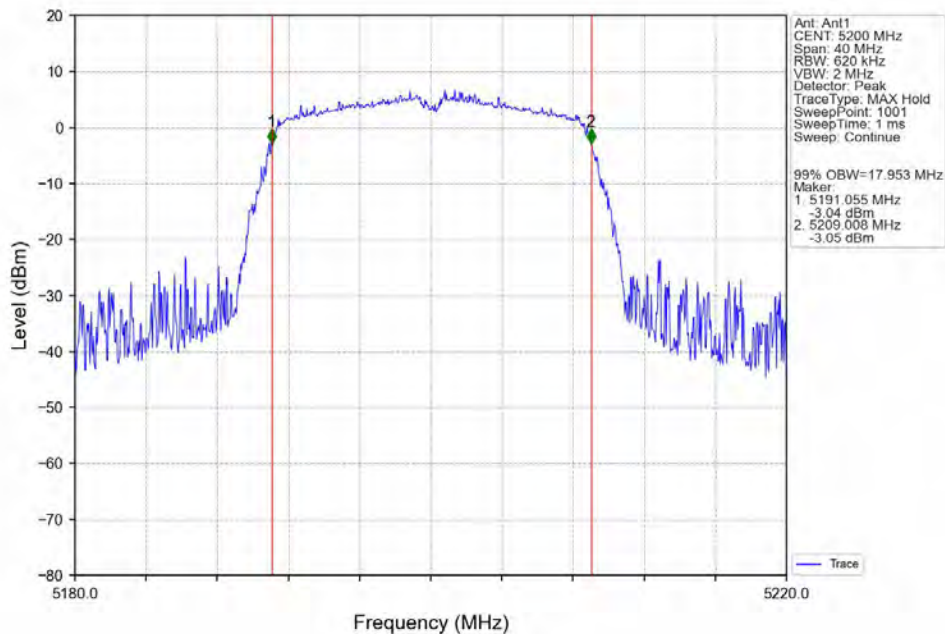
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



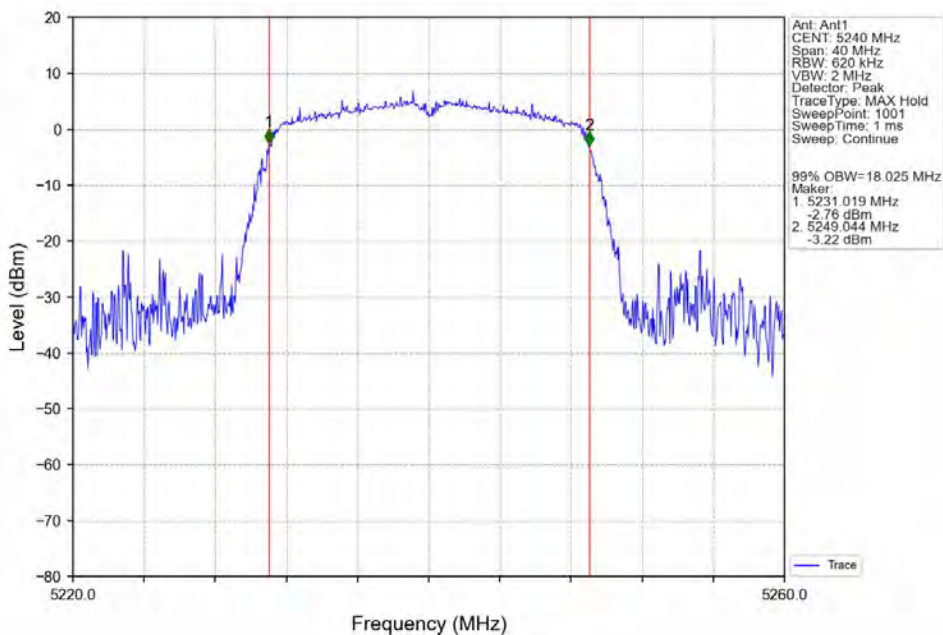
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



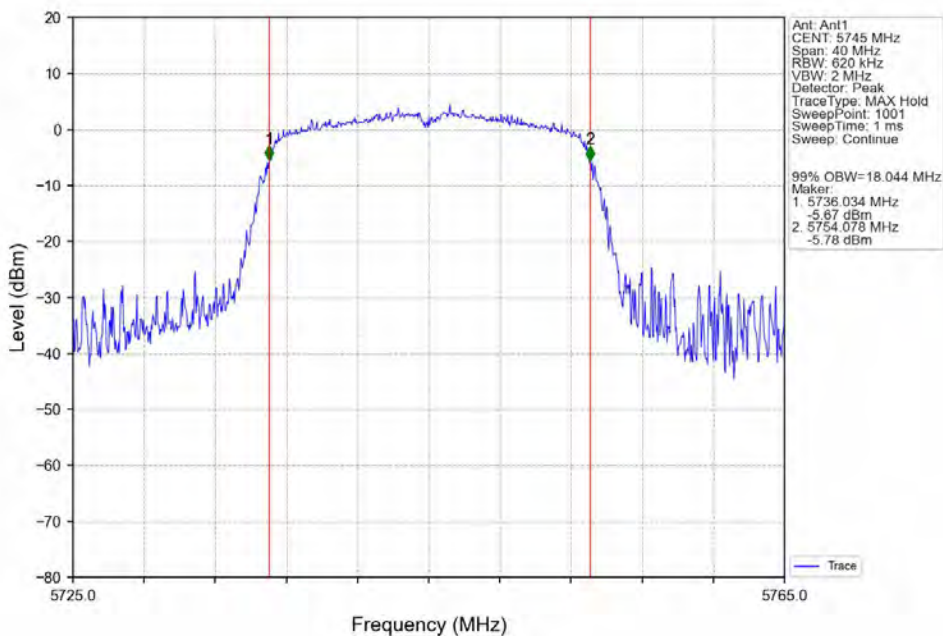
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



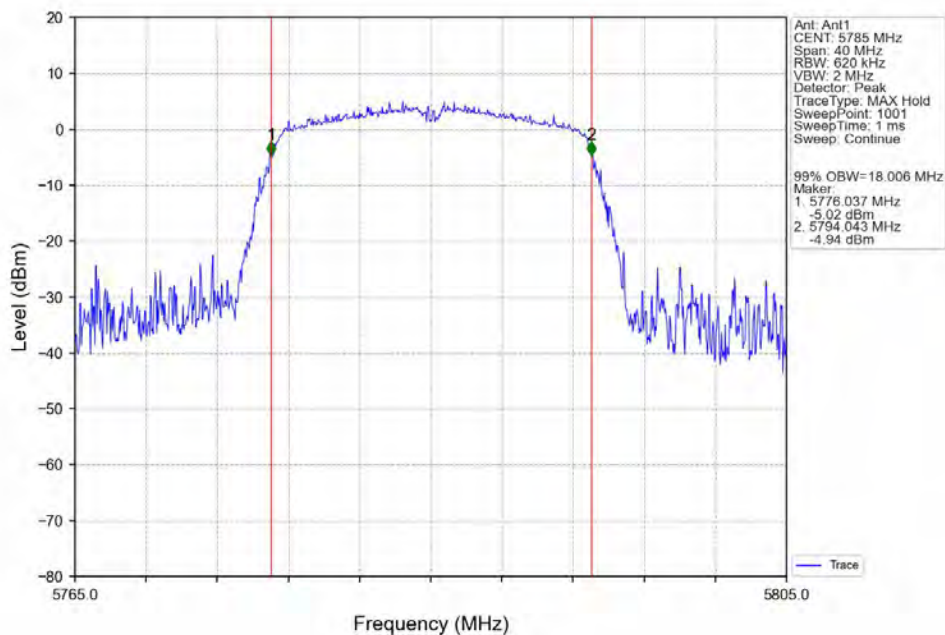
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



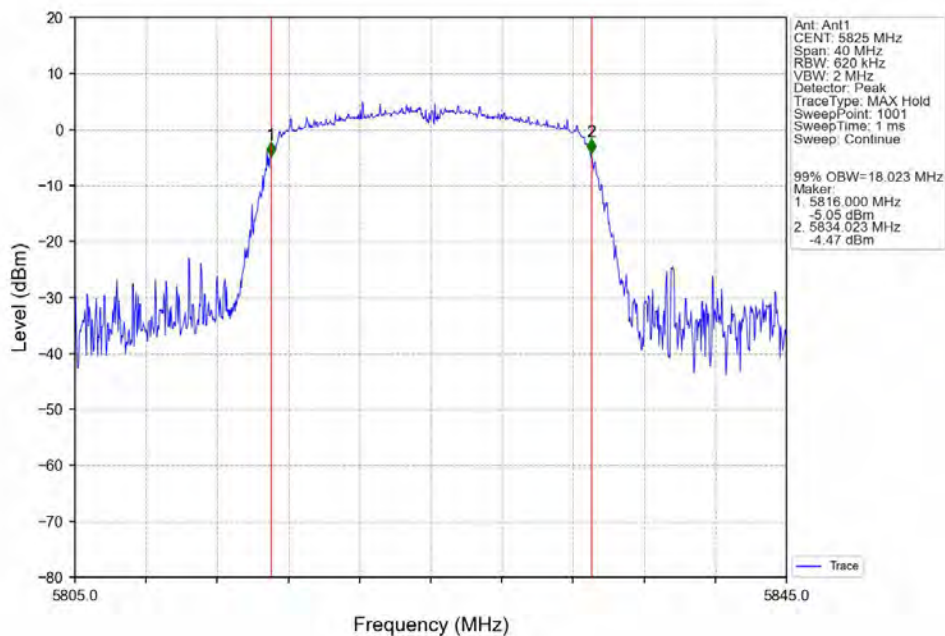
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



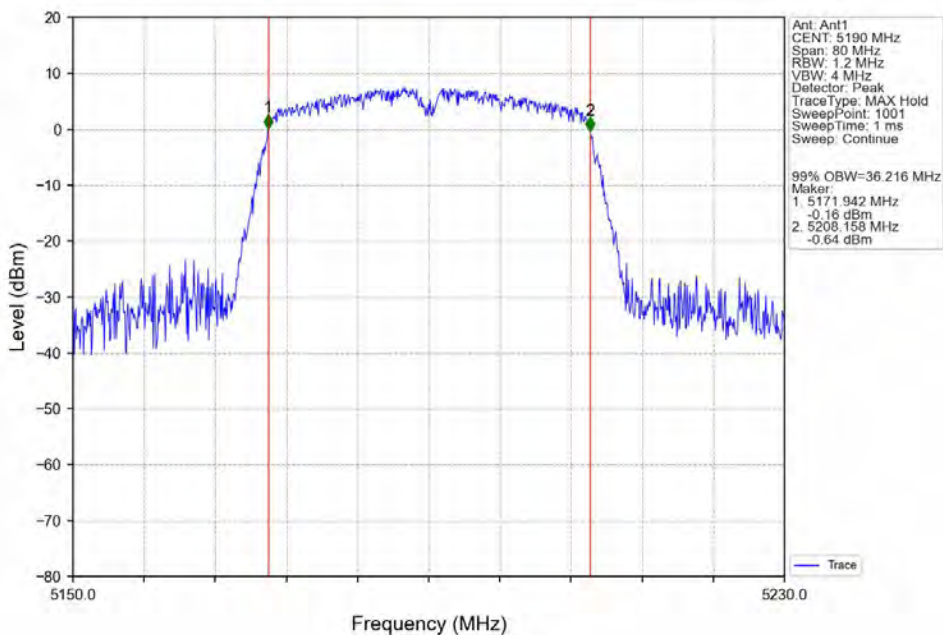
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



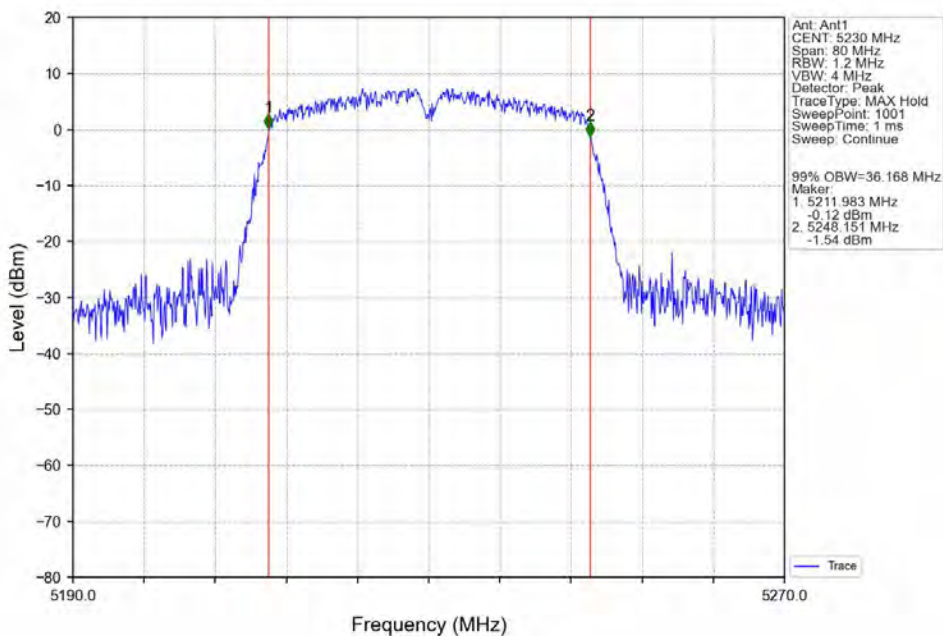
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



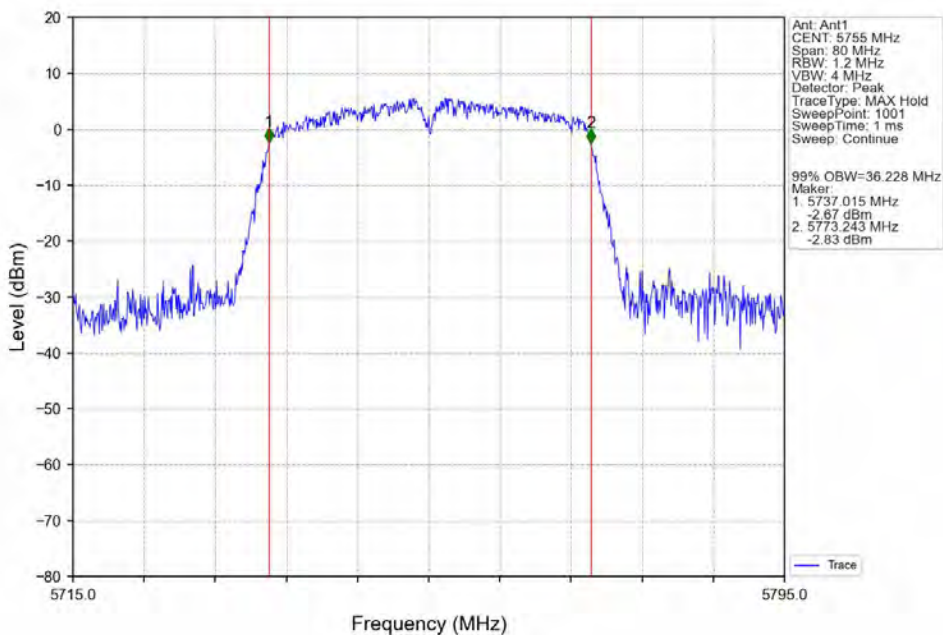
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



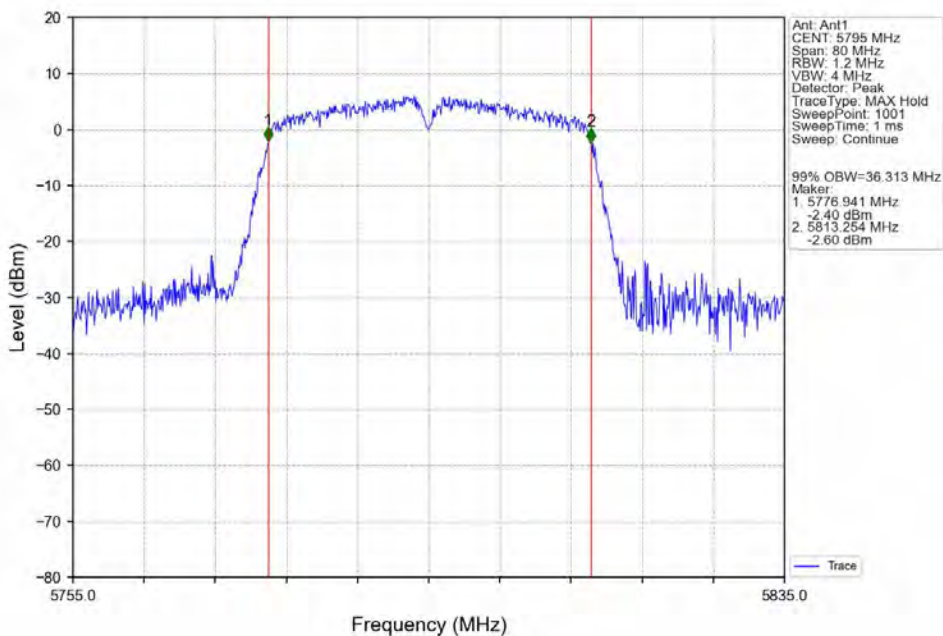
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



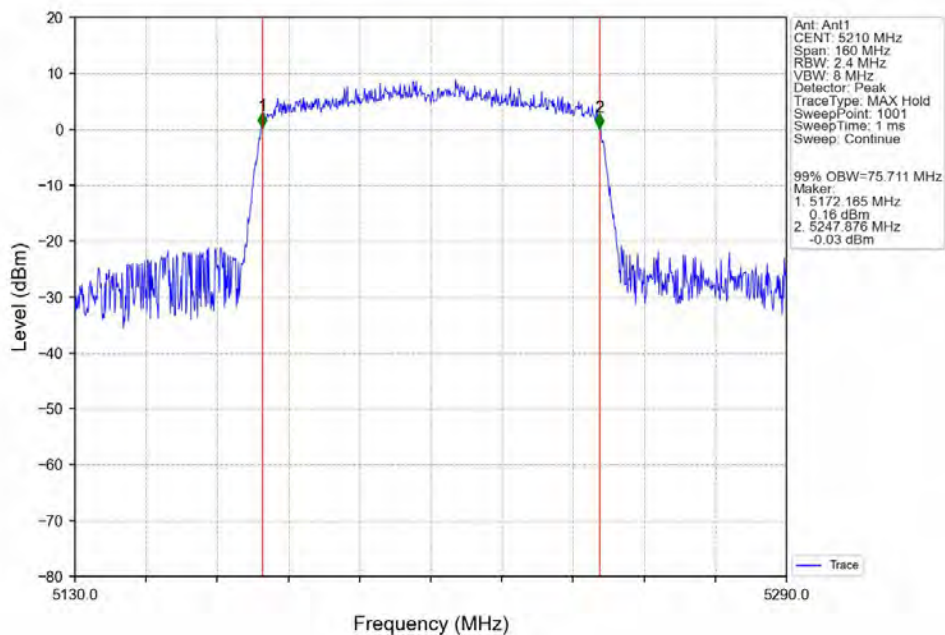
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



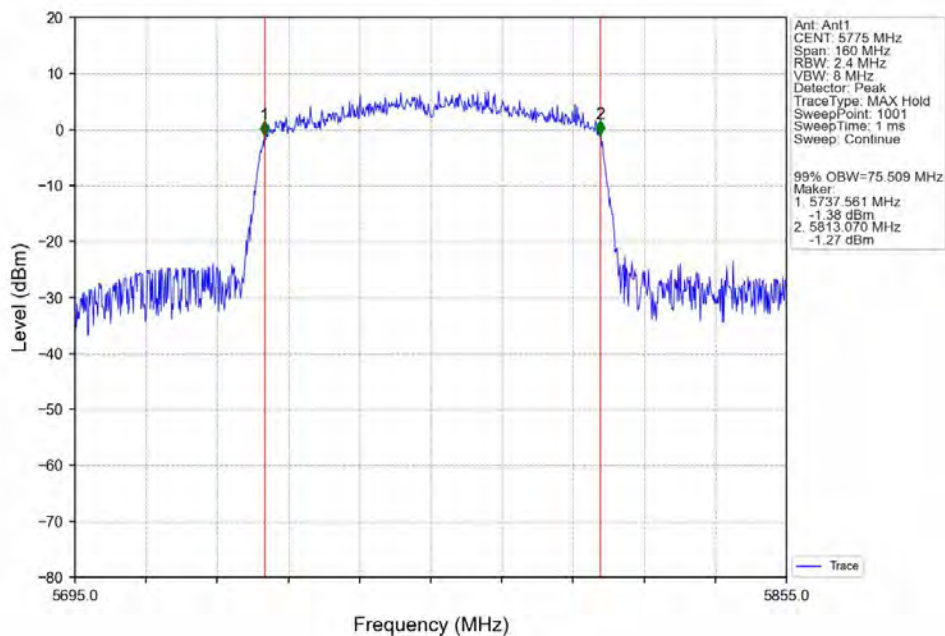
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



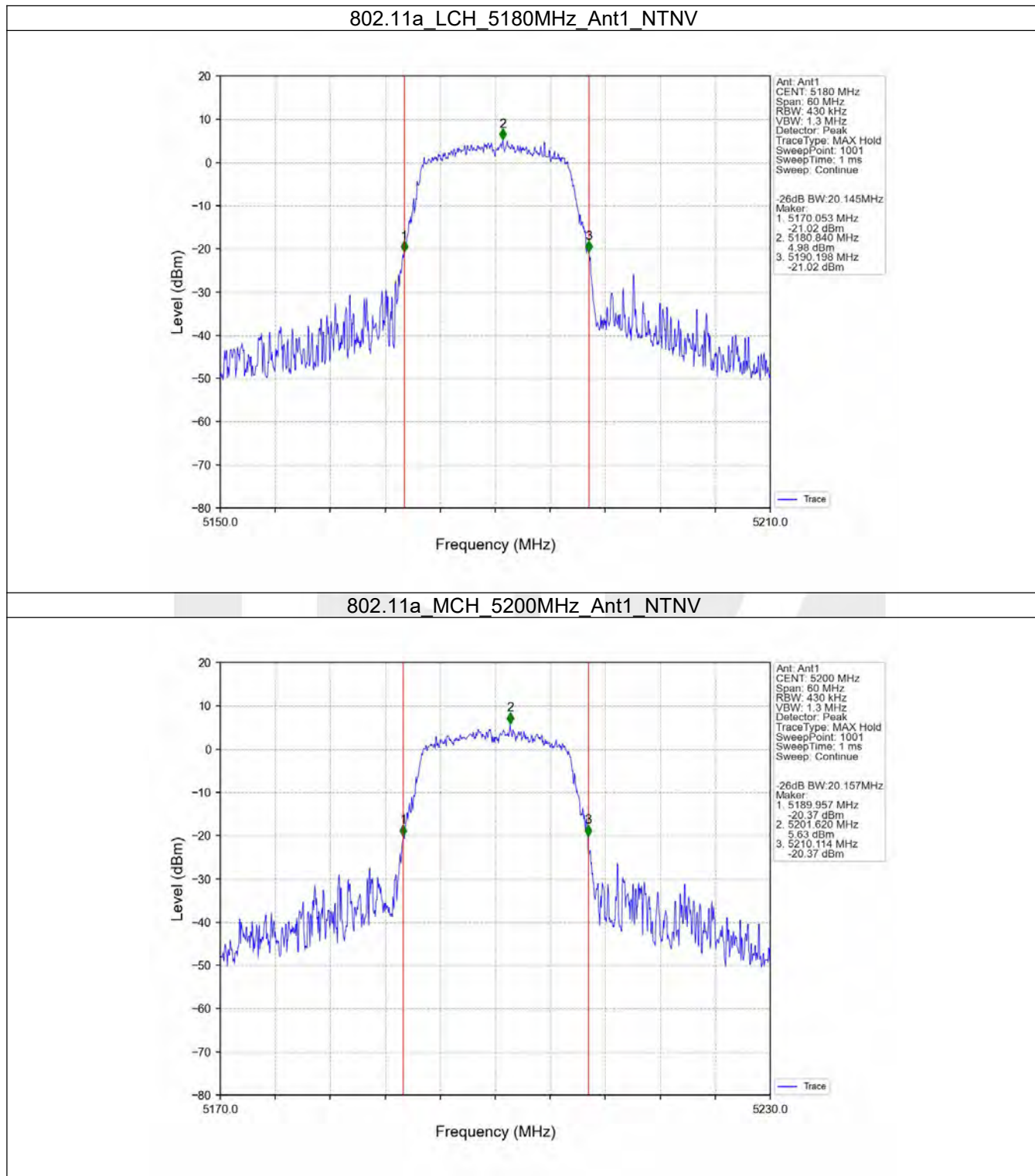
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



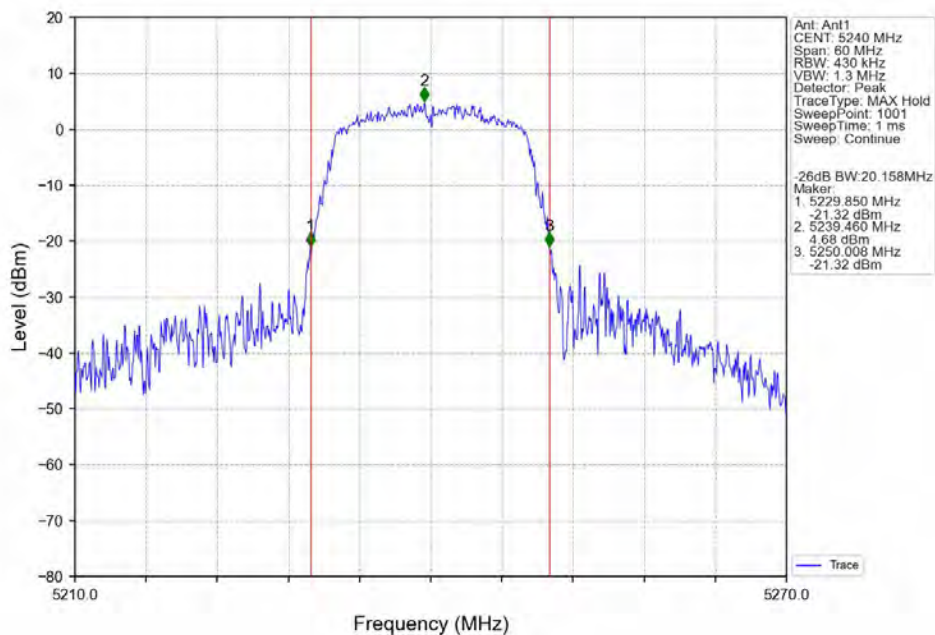
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



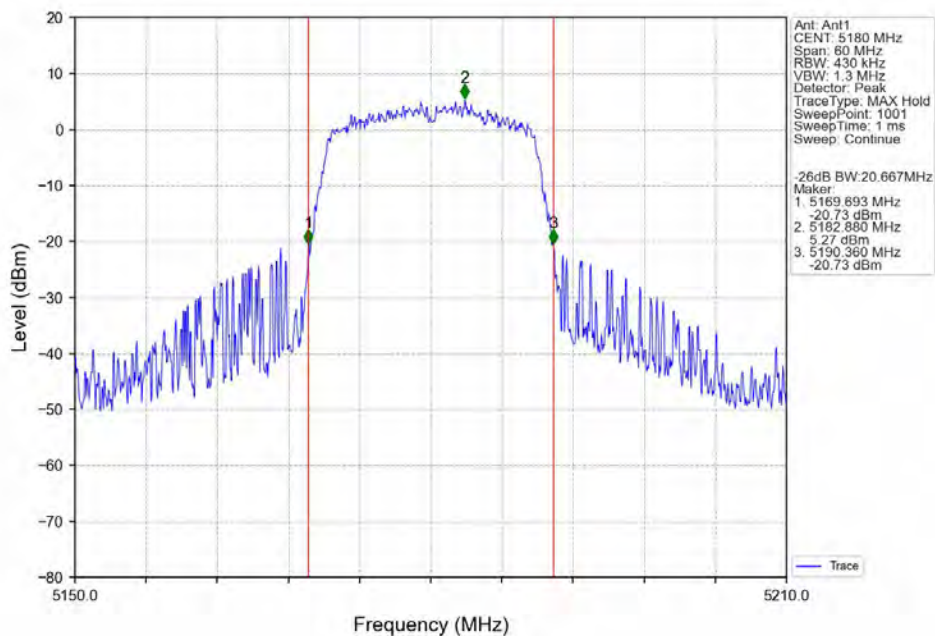
2.2.2 26dB BW



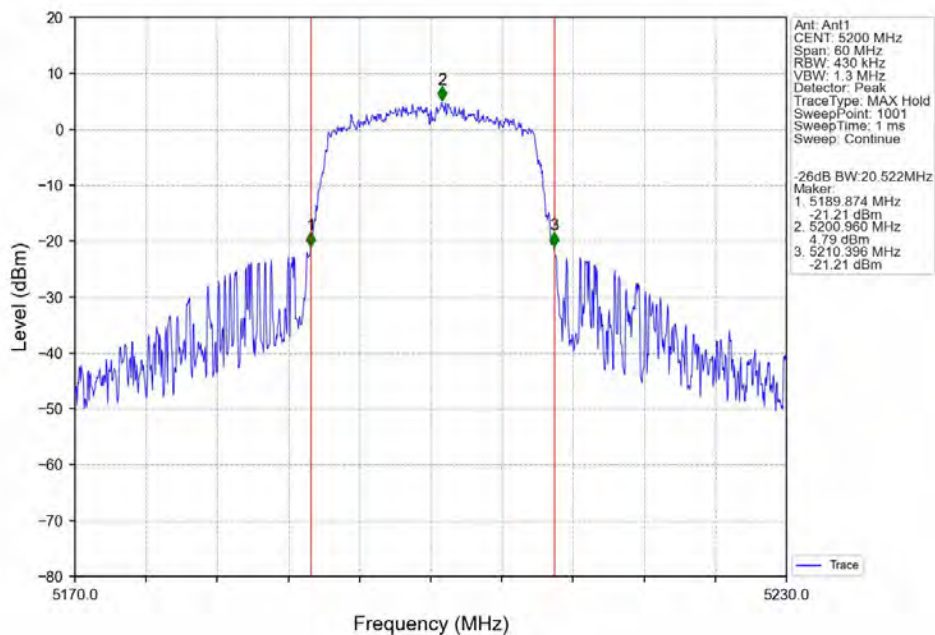
802.11a_HCH_5240MHz_Ant1_NTNV



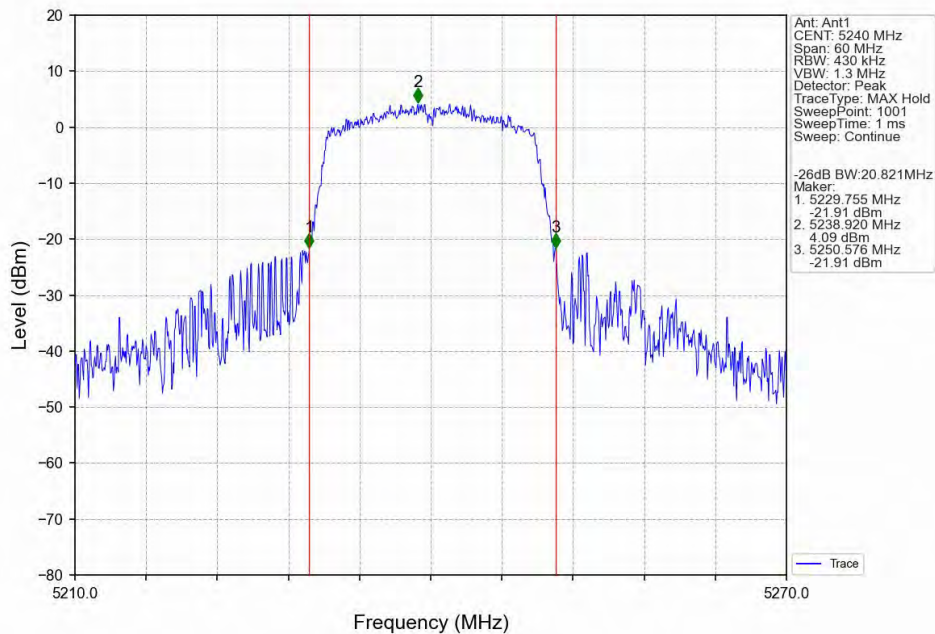
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



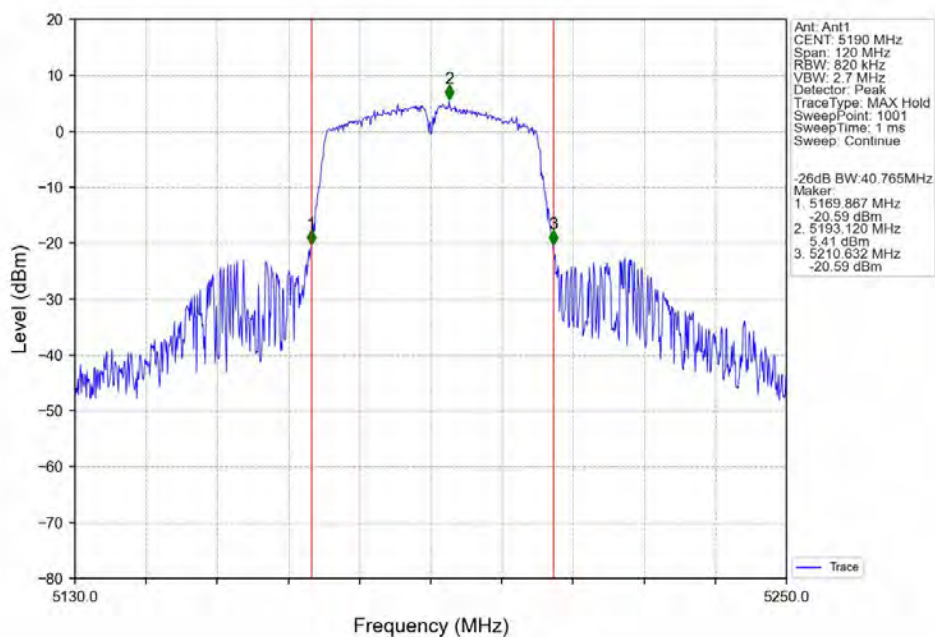
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



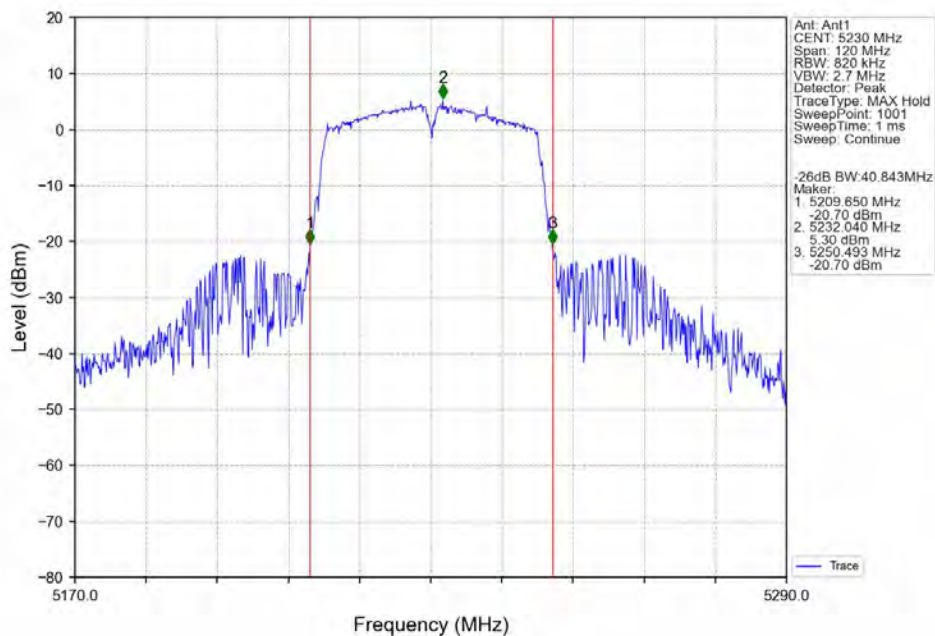
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



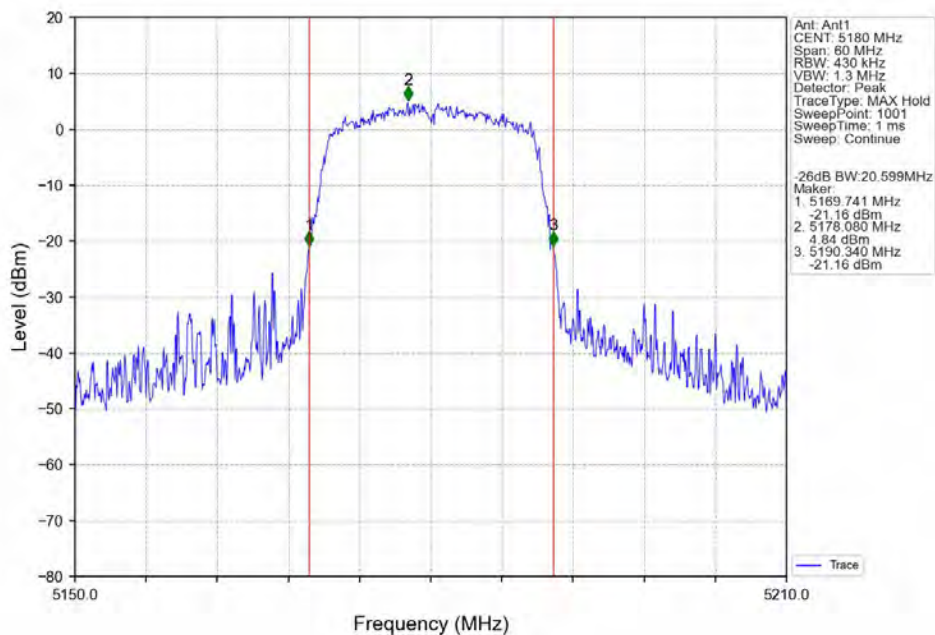
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



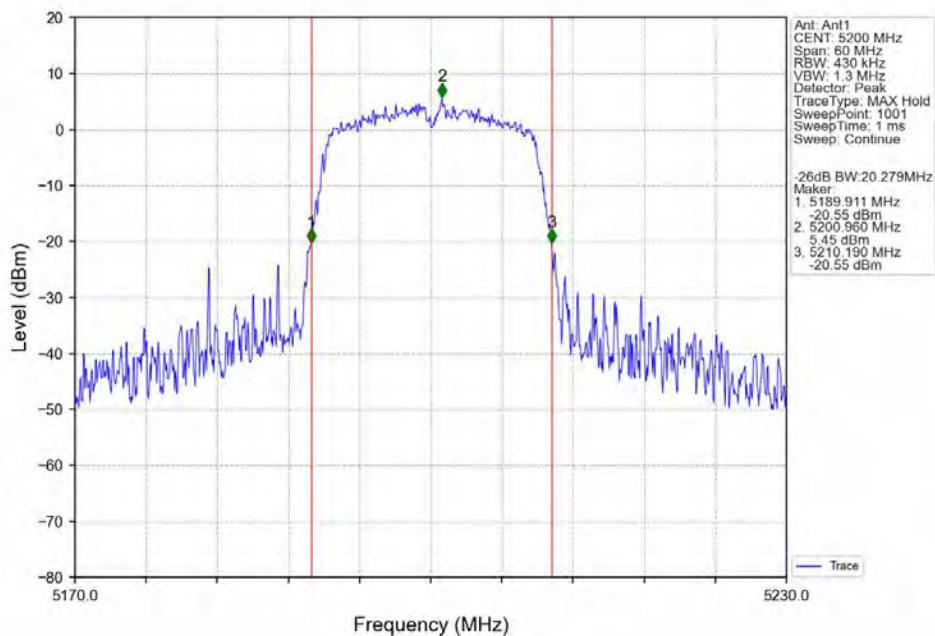
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



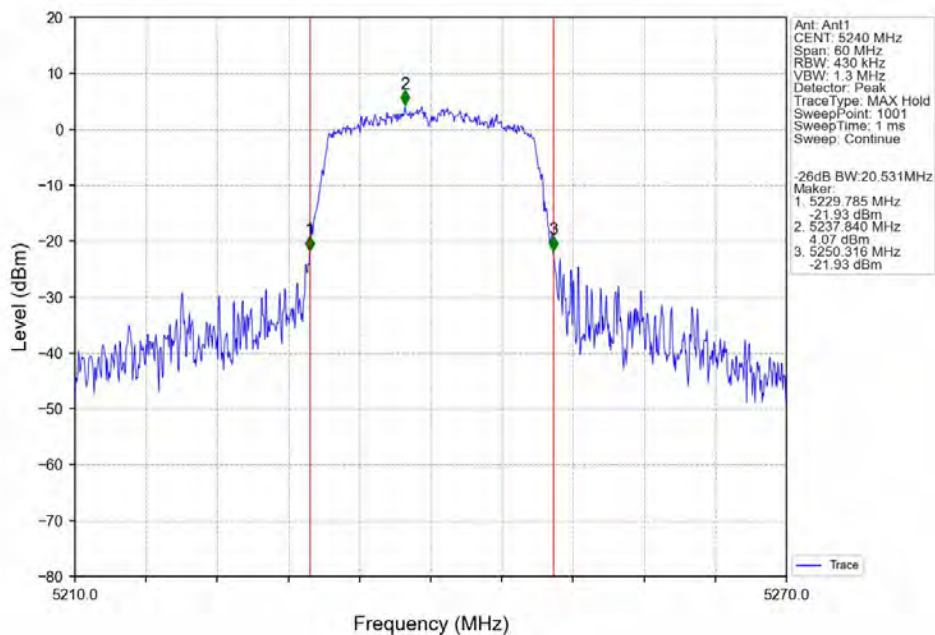
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



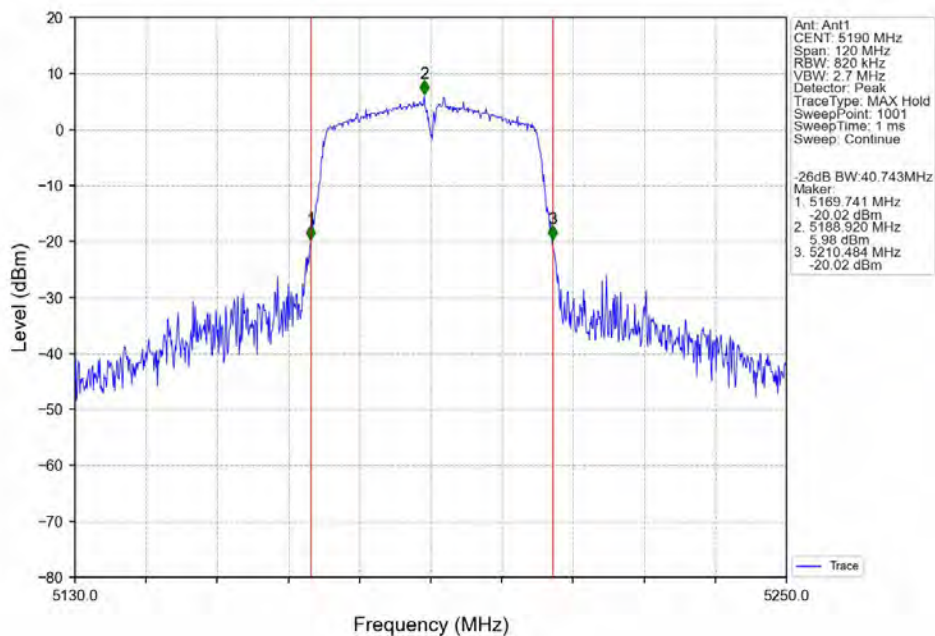
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



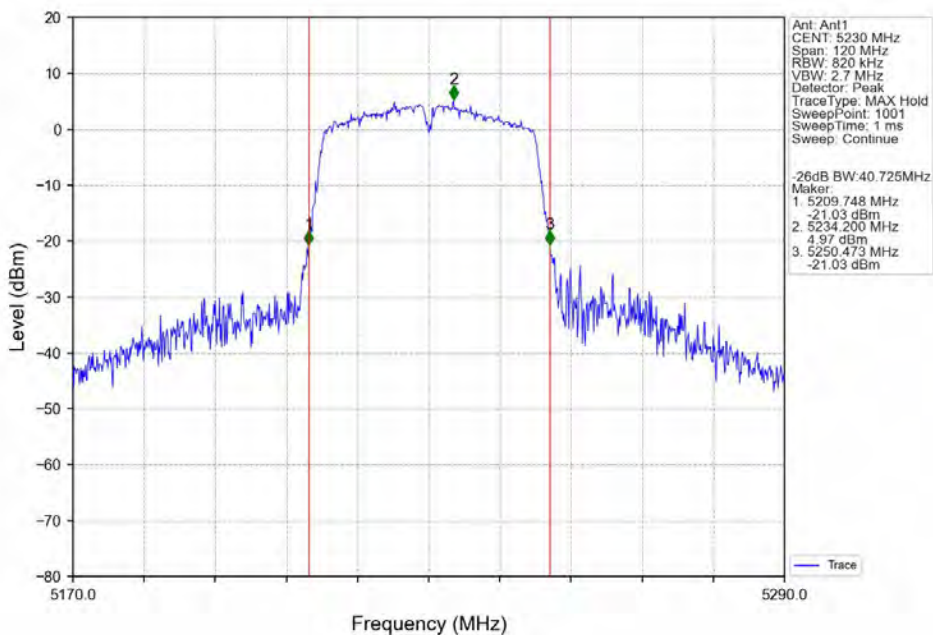
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



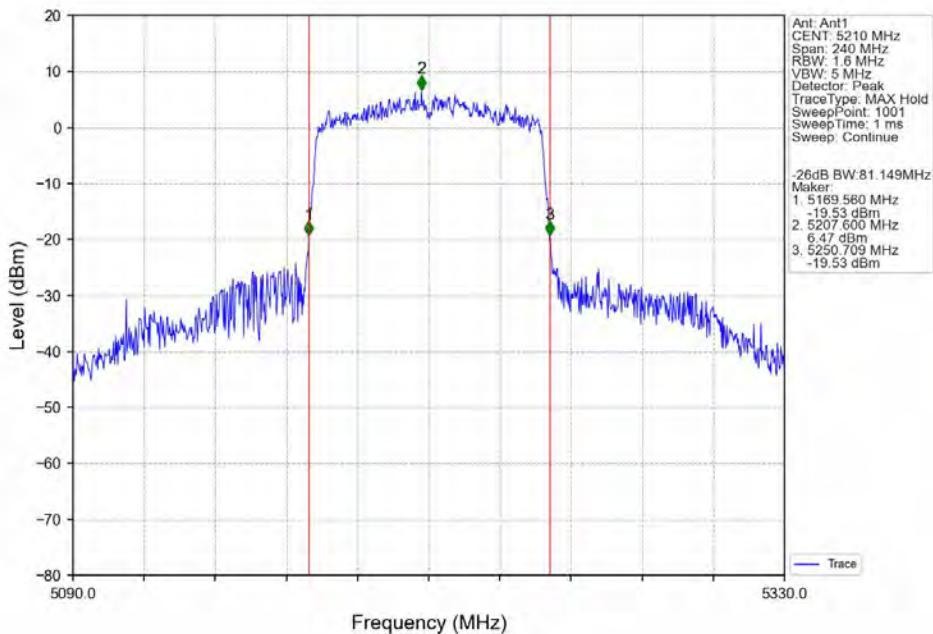
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



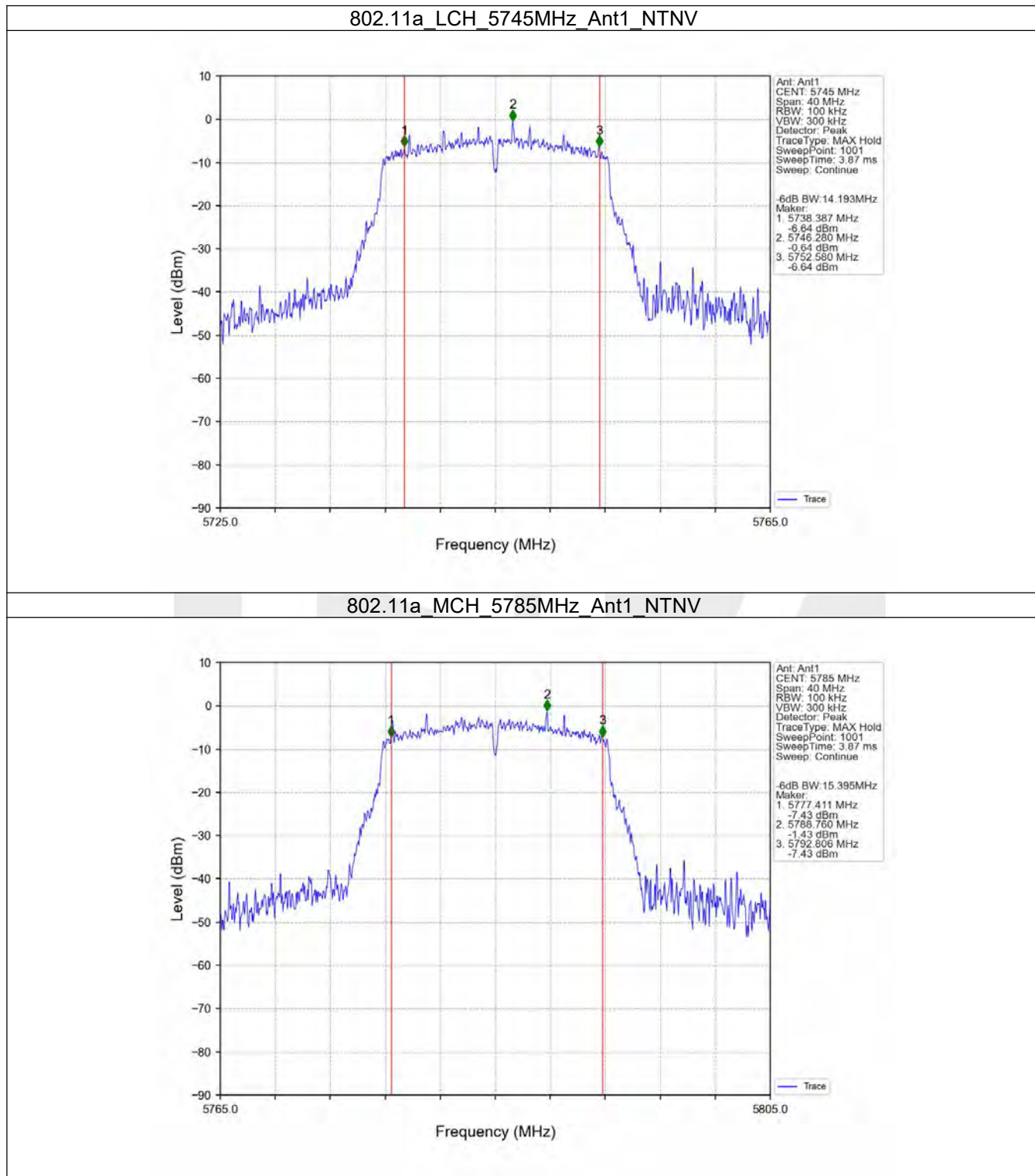
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



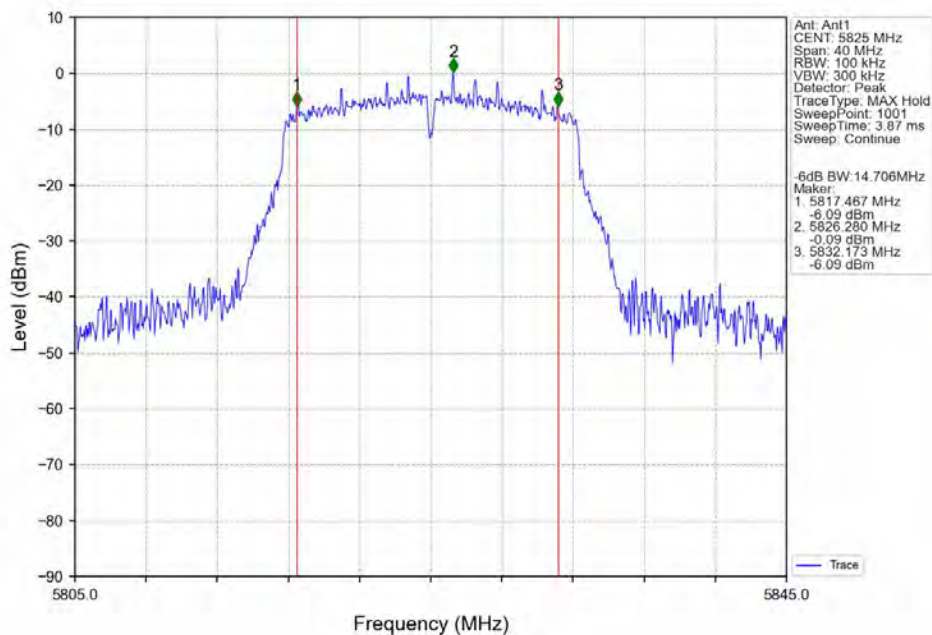
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



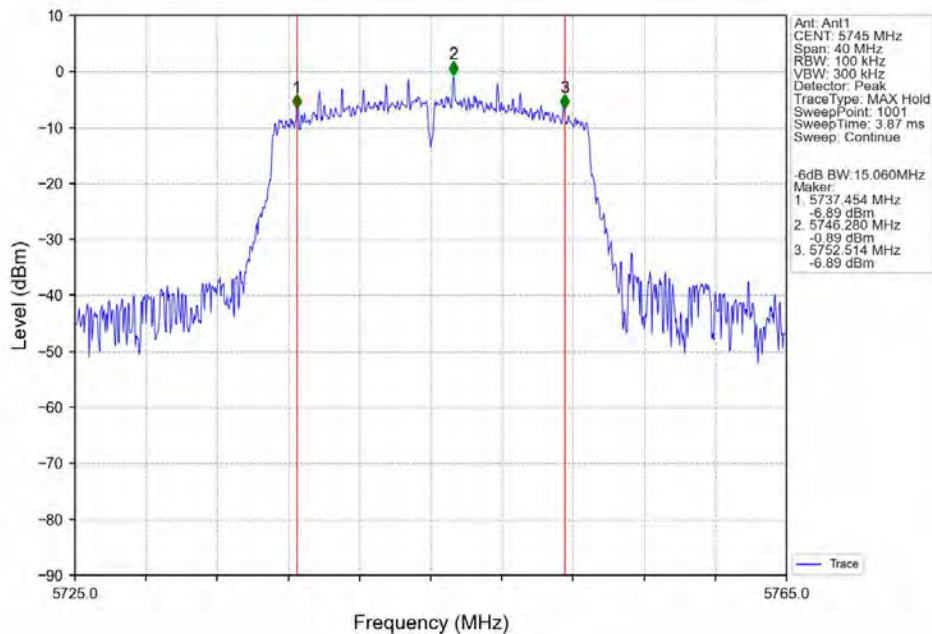
2.2.3 6dB BW



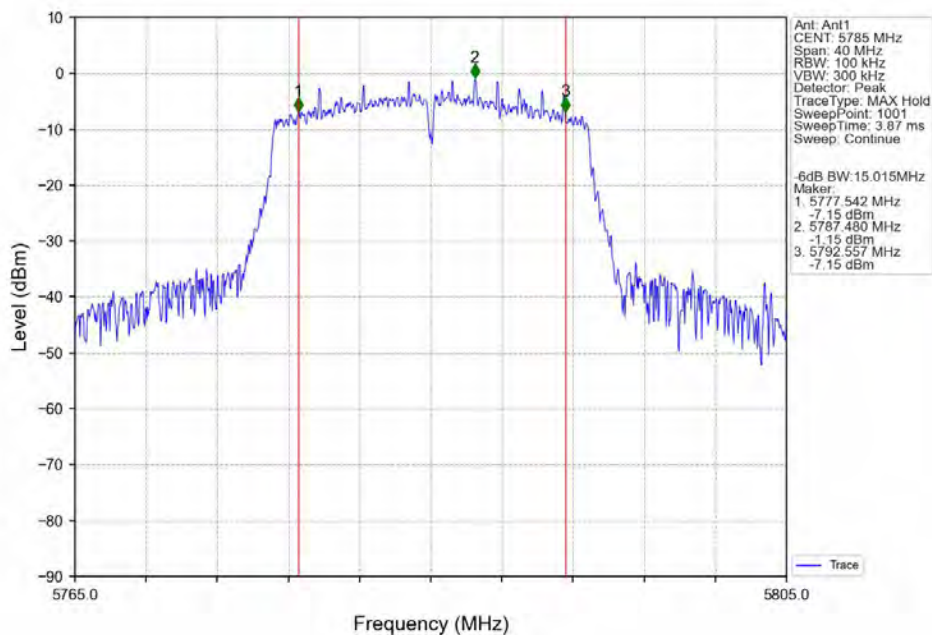
802.11a_HCH_5825MHz_Ant1_NTNV



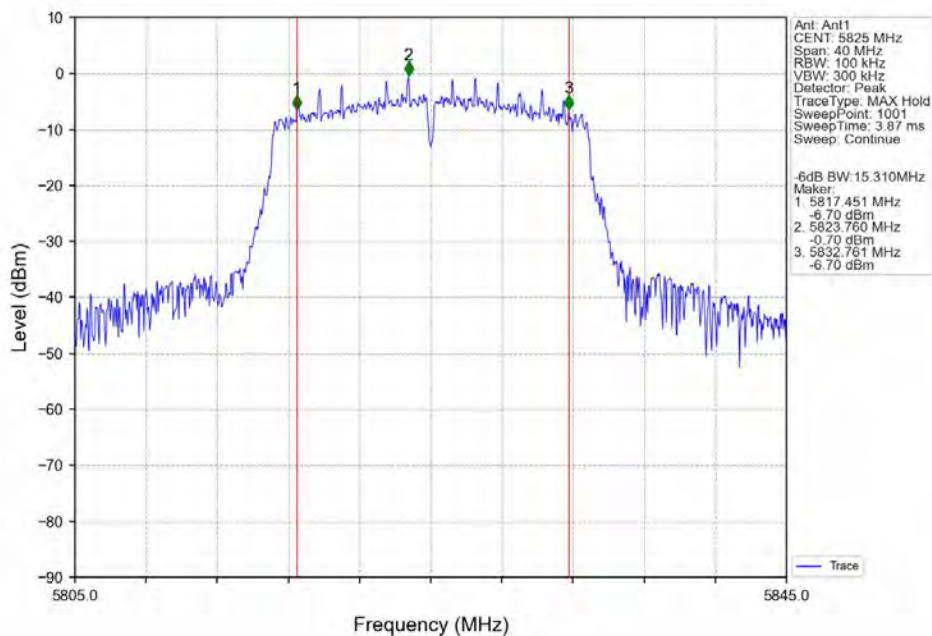
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



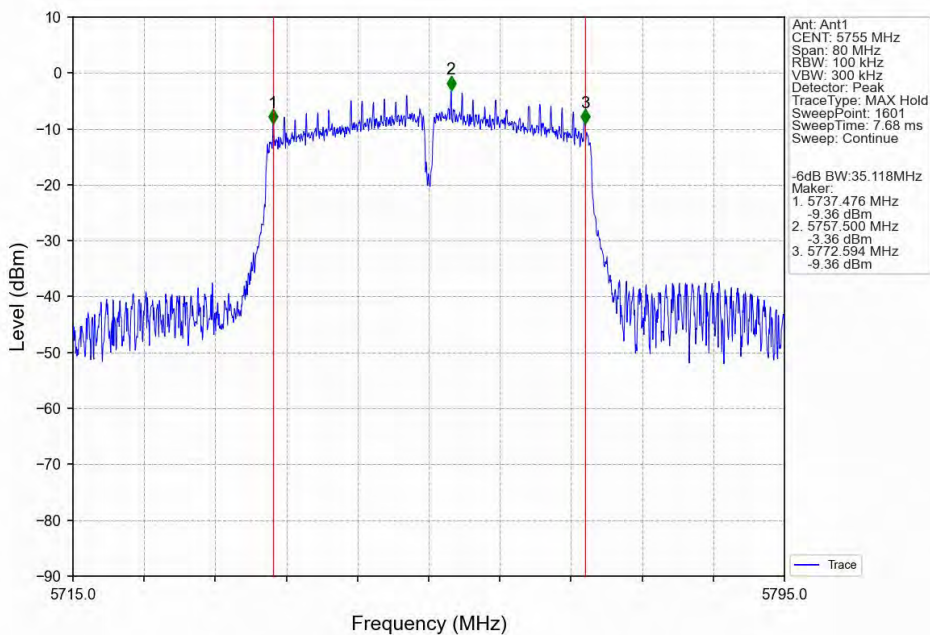
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



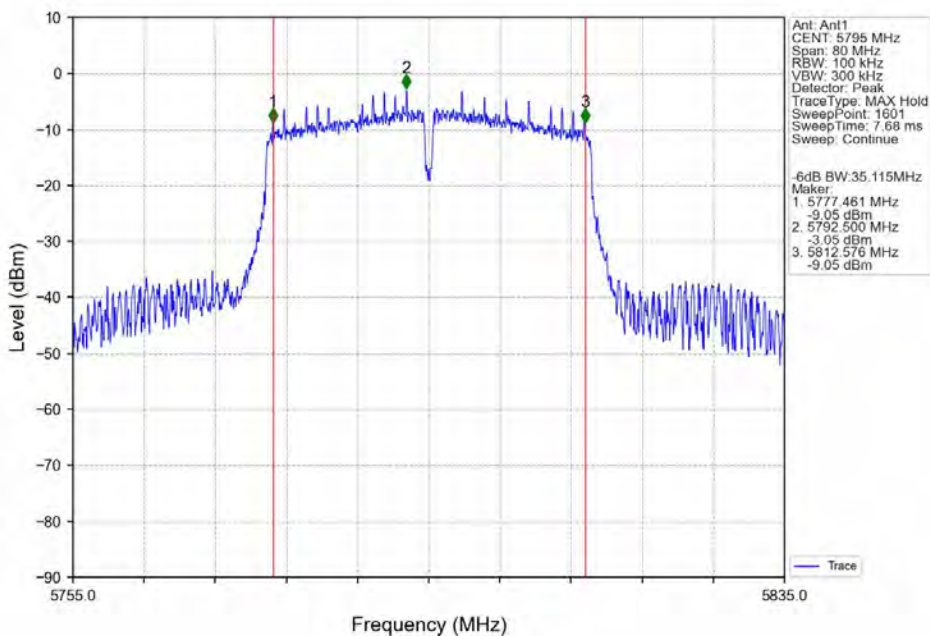
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



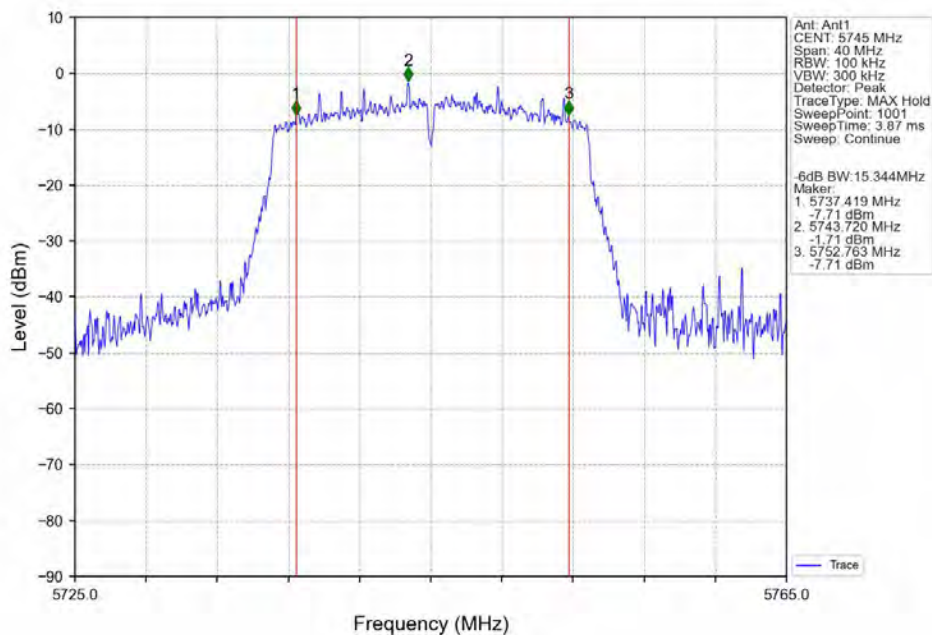
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



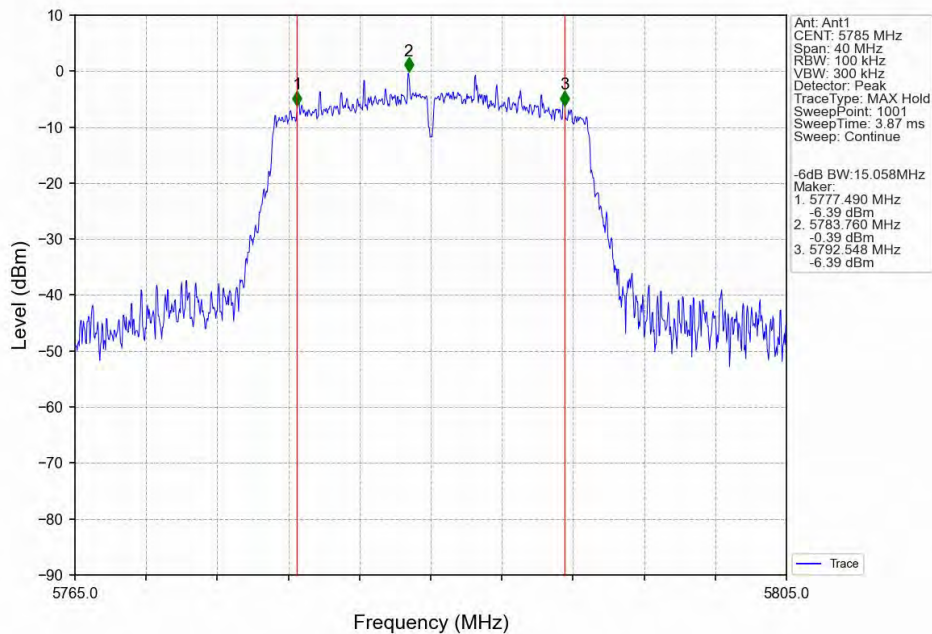
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



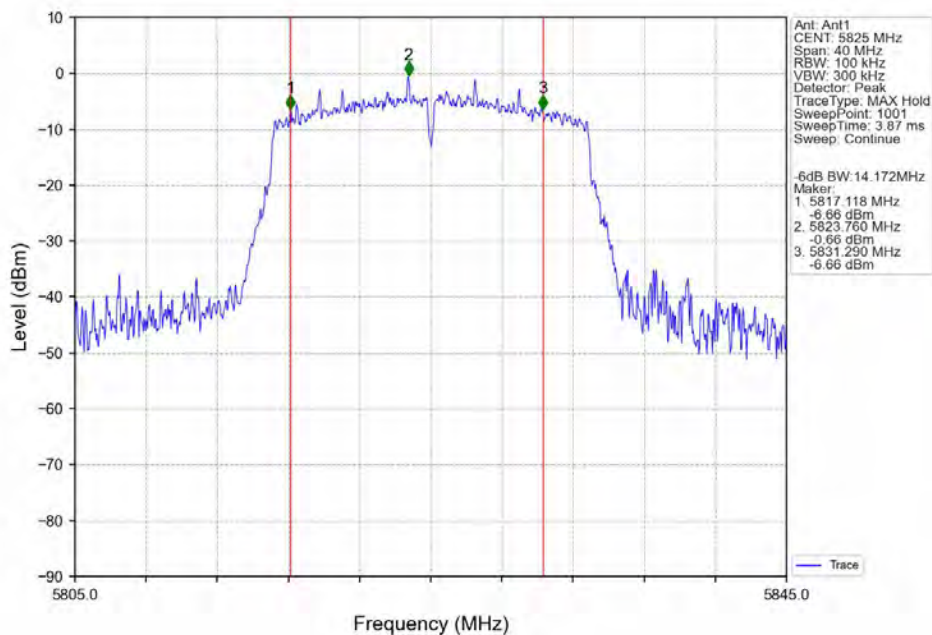
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



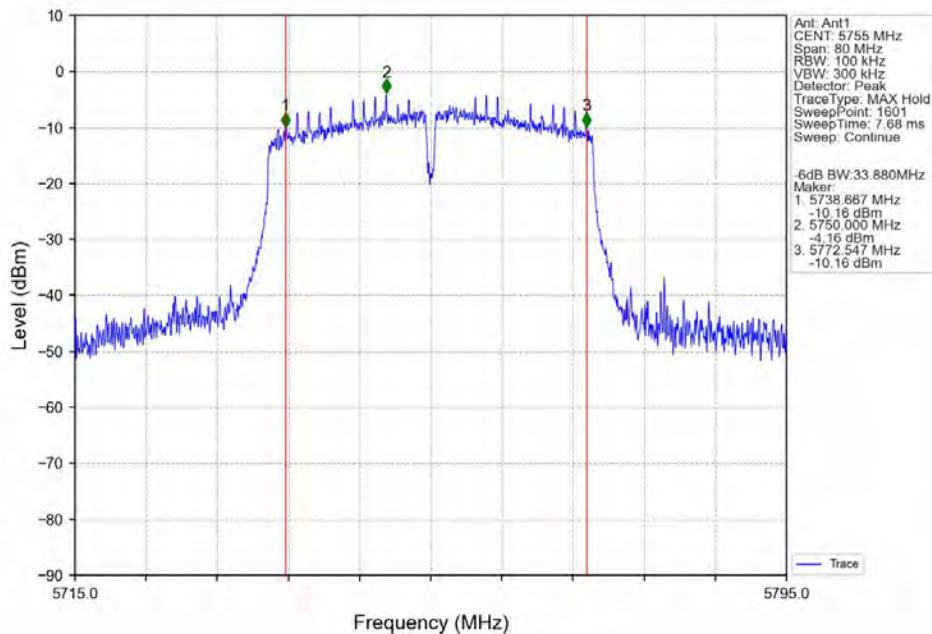
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



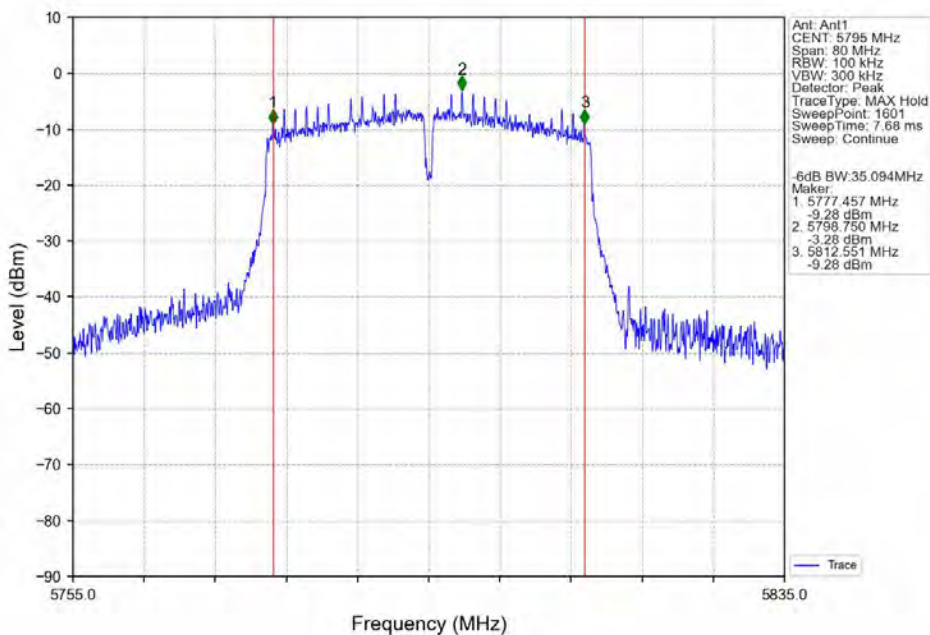
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



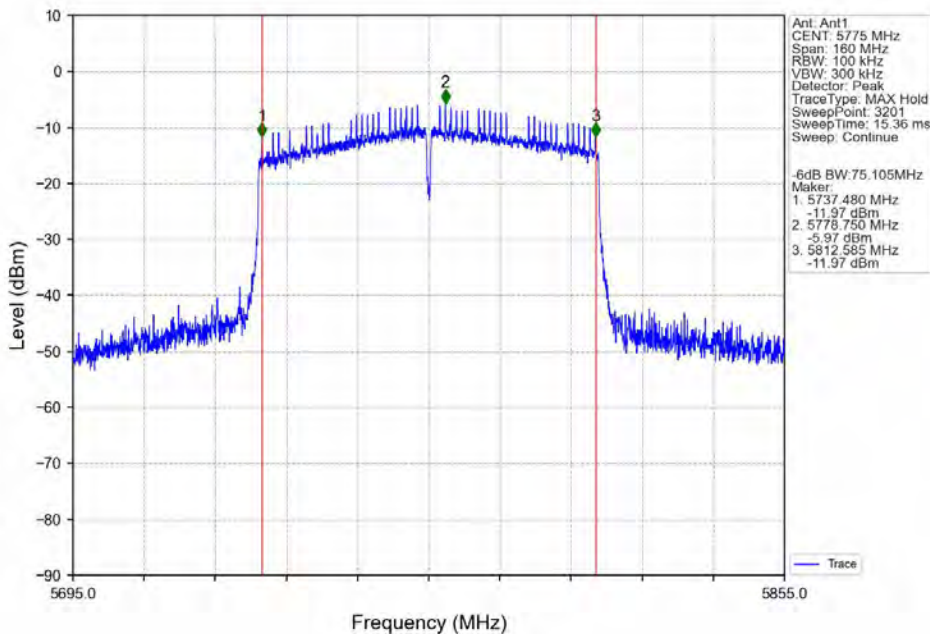
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



3. Maximum Conducted Output Power

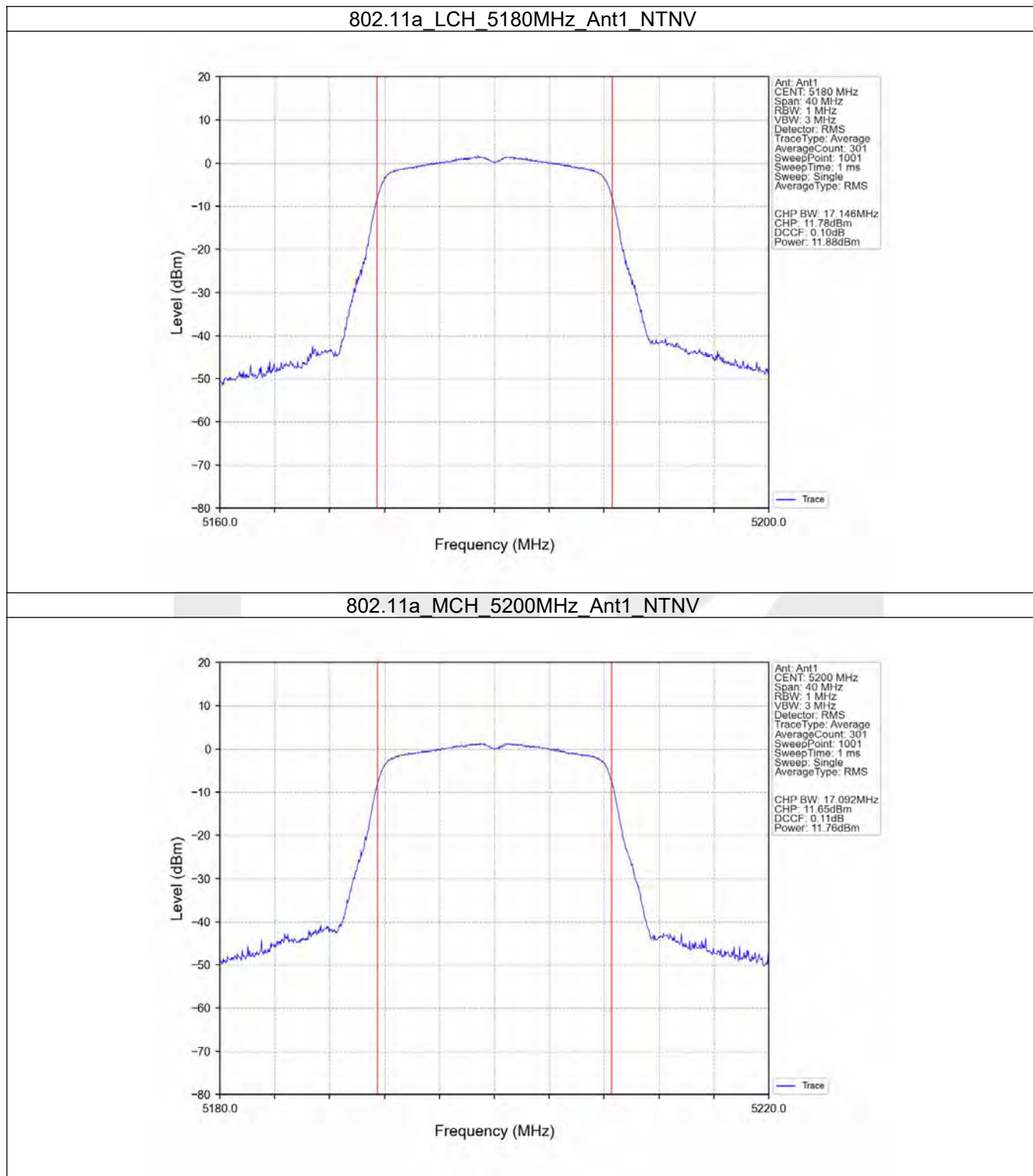
3.1 Test Result

3.1.1 Power

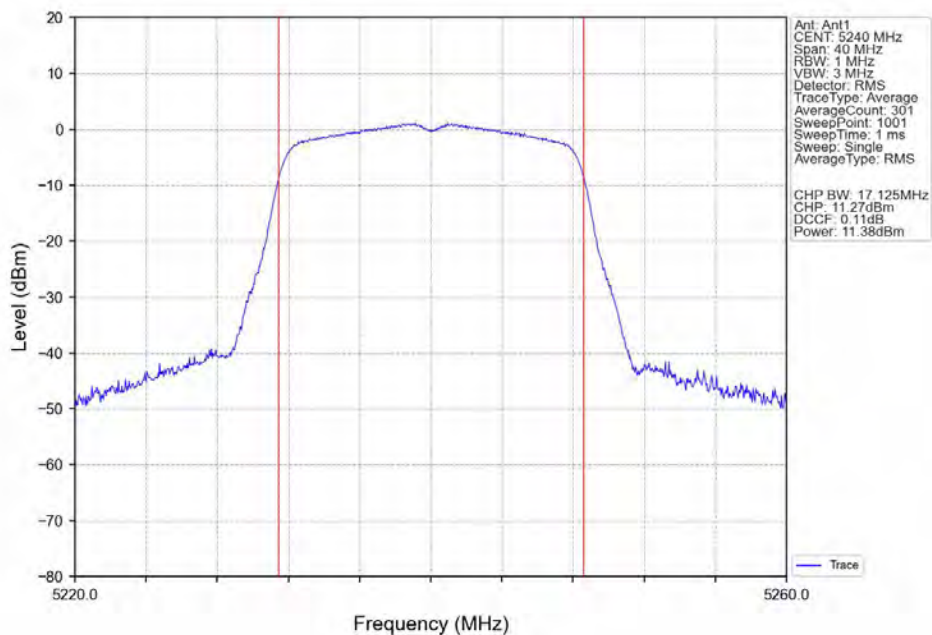
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	11.88	<=23.98	Pass
		5200	11.76	<=23.98	Pass
		5240	11.38	<=23.98	Pass
		5745	9.40	<=30	Pass
		5785	10.14	<=30	Pass
		5825	10.09	<=30	Pass
802.11n (HT20)	SISO	5180	11.76	<=23.98	Pass
		5200	11.58	<=23.98	Pass
		5240	11.13	<=23.98	Pass
		5745	9.21	<=30	Pass
		5785	10.03	<=30	Pass
		5825	9.89	<=30	Pass
802.11n (HT40)	SISO	5190	11.81	<=23.98	Pass
		5230	11.43	<=23.98	Pass
		5755	9.48	<=30	Pass
		5795	10.02	<=30	Pass
802.11ac (VHT20)	SISO	5180	11.82	<=23.98	Pass
		5200	11.52	<=23.98	Pass
		5240	11.10	<=23.98	Pass
		5745	9.10	<=30	Pass
		5785	10.06	<=30	Pass
		5825	9.81	<=30	Pass
802.11ac (VHT40)	SISO	5190	11.77	<=23.98	Pass
		5230	11.40	<=23.98	Pass
		5755	9.57	<=30	Pass
		5795	9.95	<=30	Pass
802.11ac (VHT80)	SISO	5210	11.40	<=23.98	Pass
		5775	9.40	<=30	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 1.11dBi; - Band: 3 Ant1: 1.11dBi;					

3.2 Test Graph

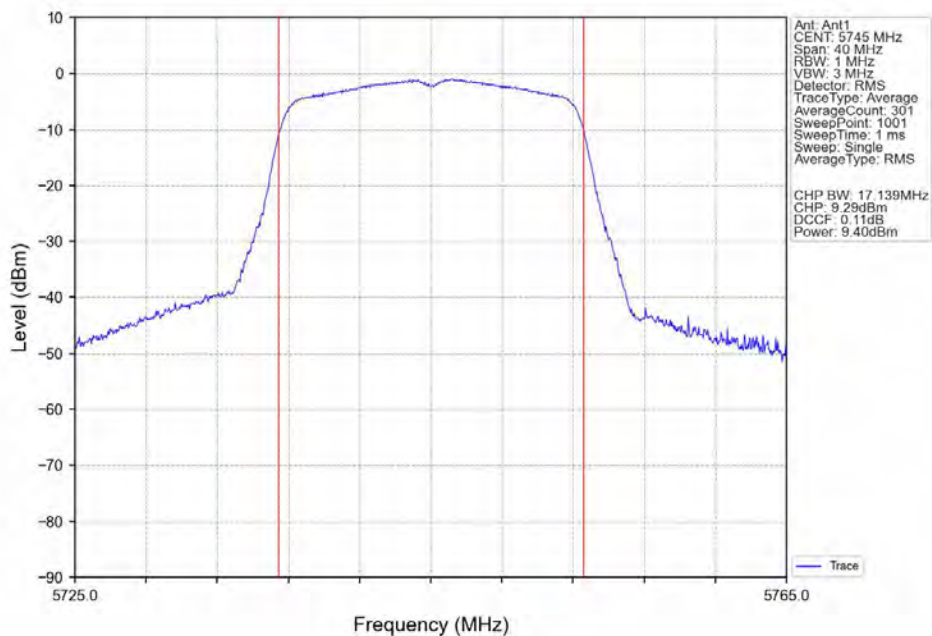
3.2.1 Power



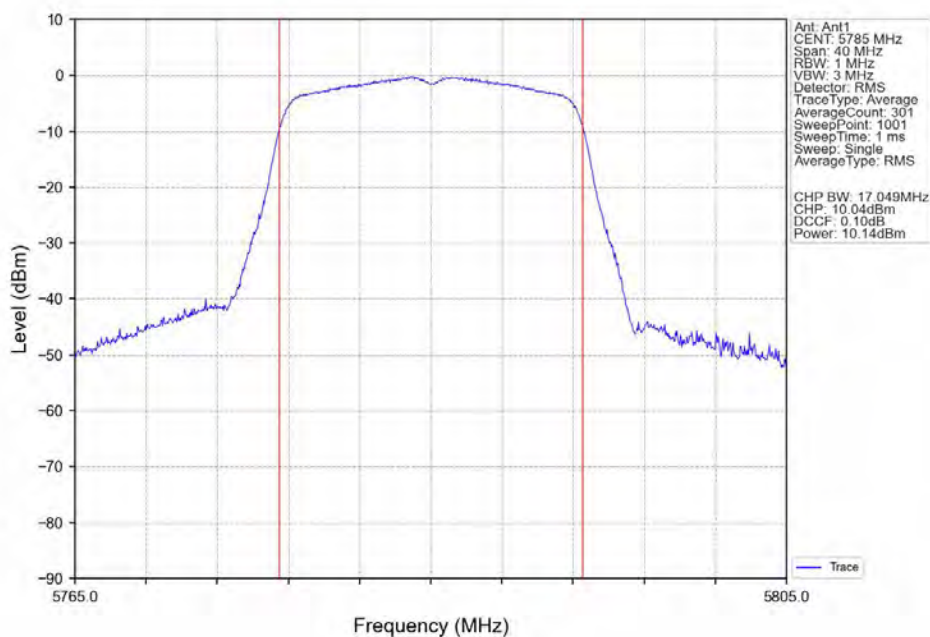
802.11a_HCH_5240MHz_Ant1_NTNV



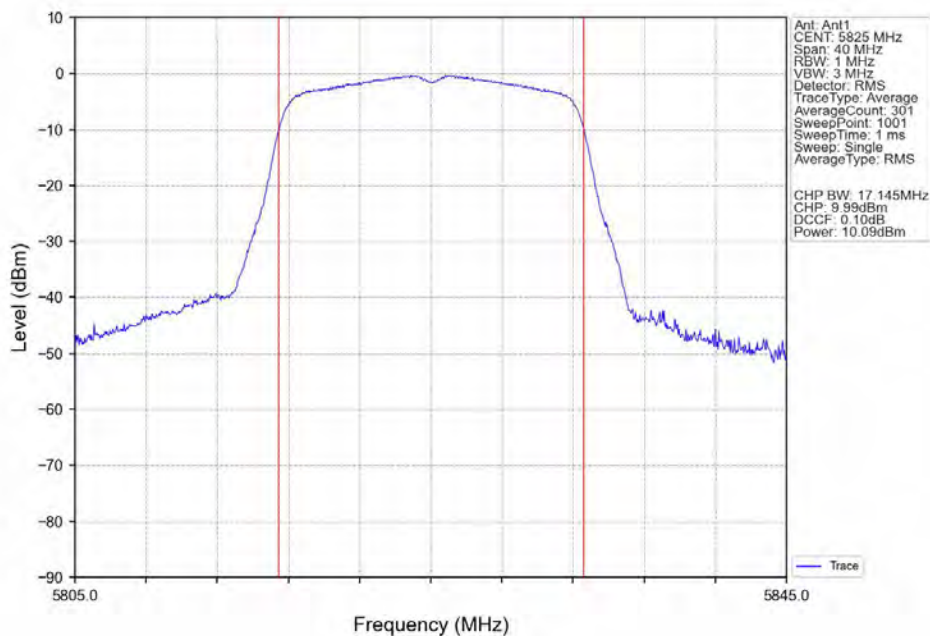
802.11a_LCH_5745MHz_Ant1_NTNV



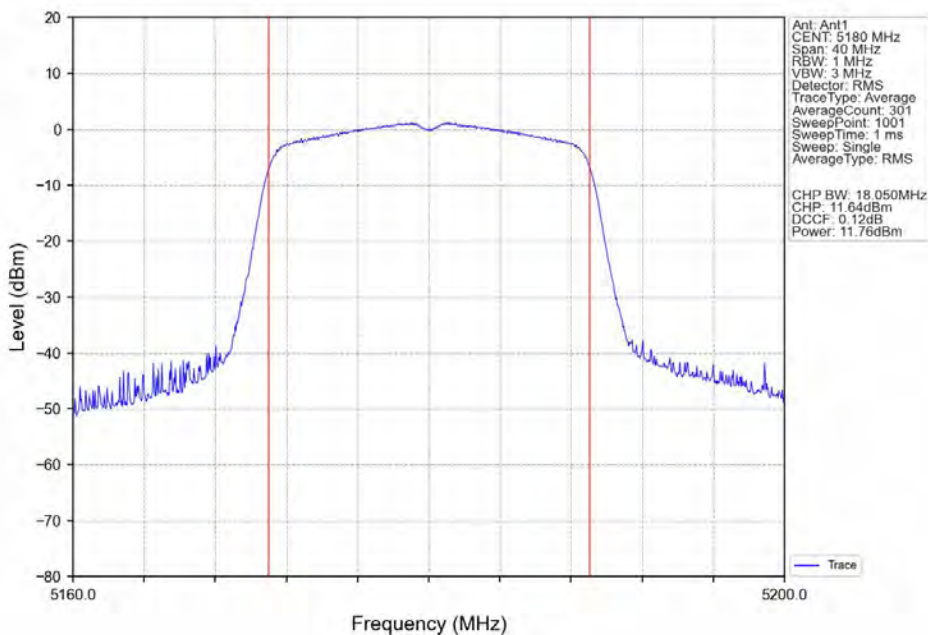
802.11a_MCH_5785MHz_Ant1_NTNV



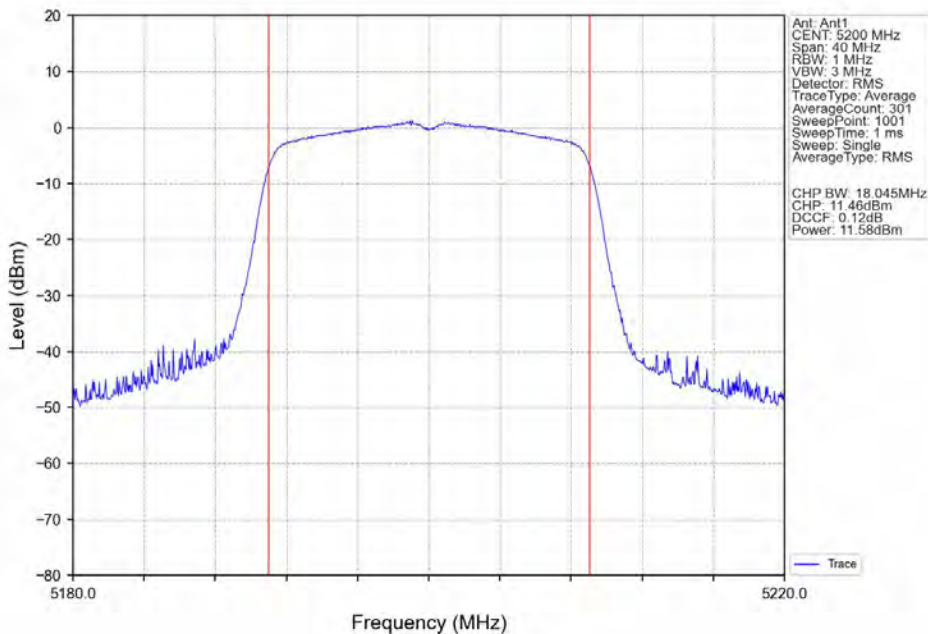
802.11a_HCH_5825MHz_Ant1_NTNV



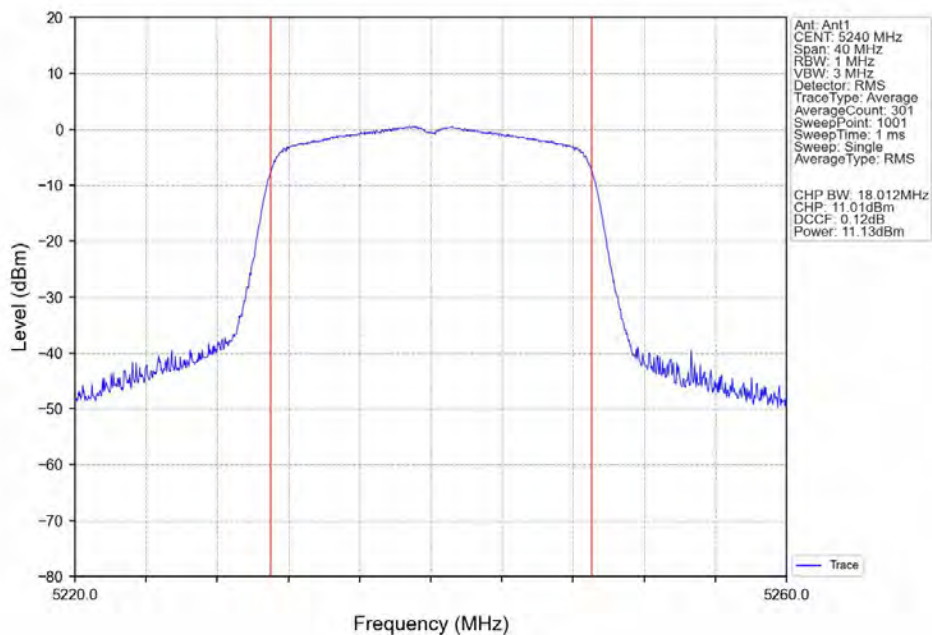
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



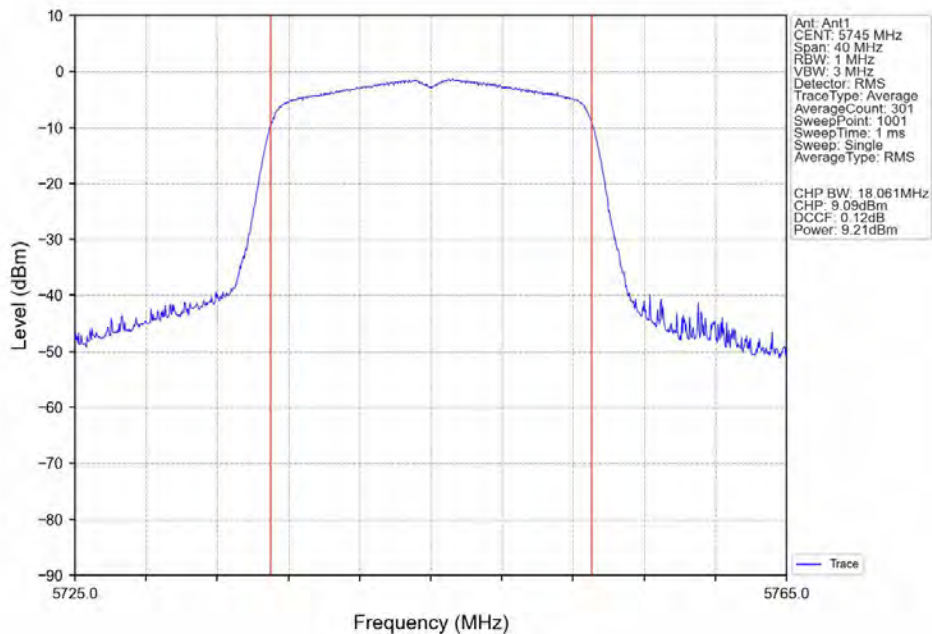
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



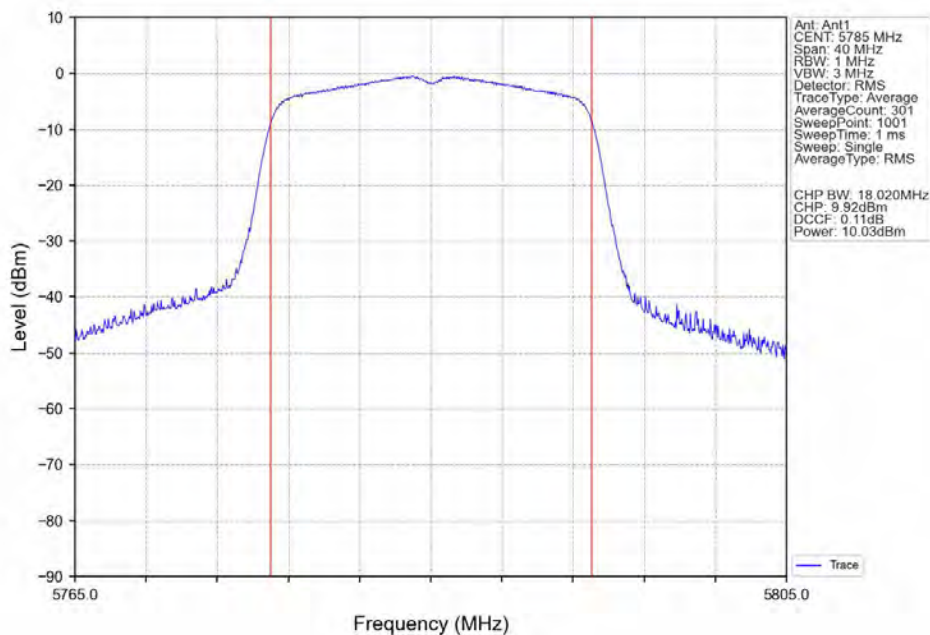
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



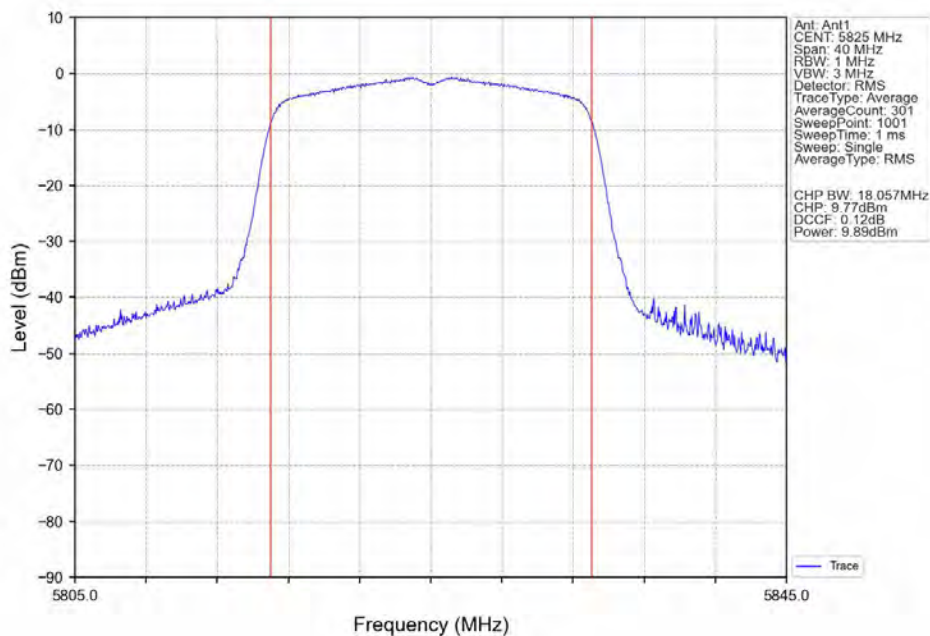
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



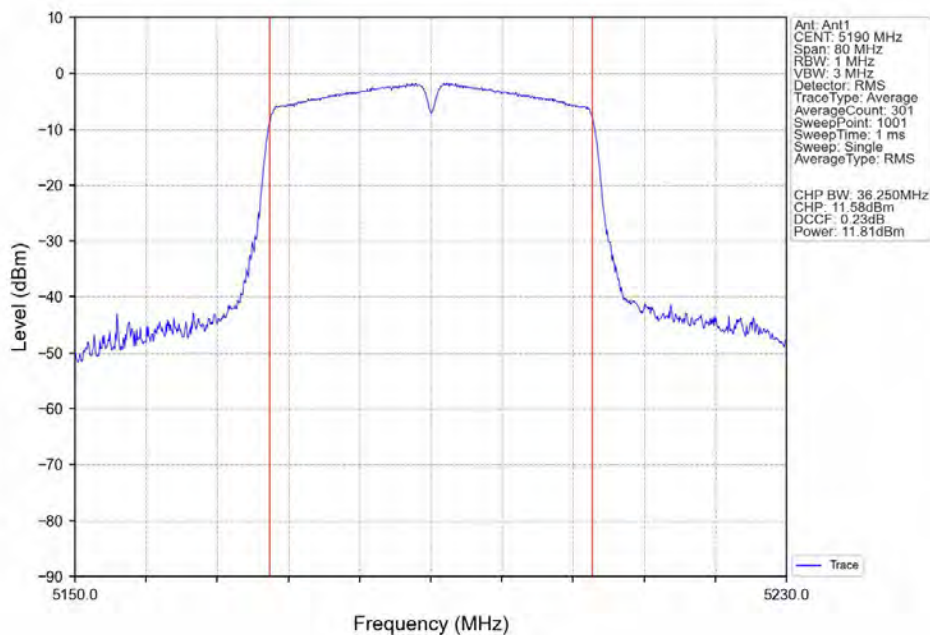
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



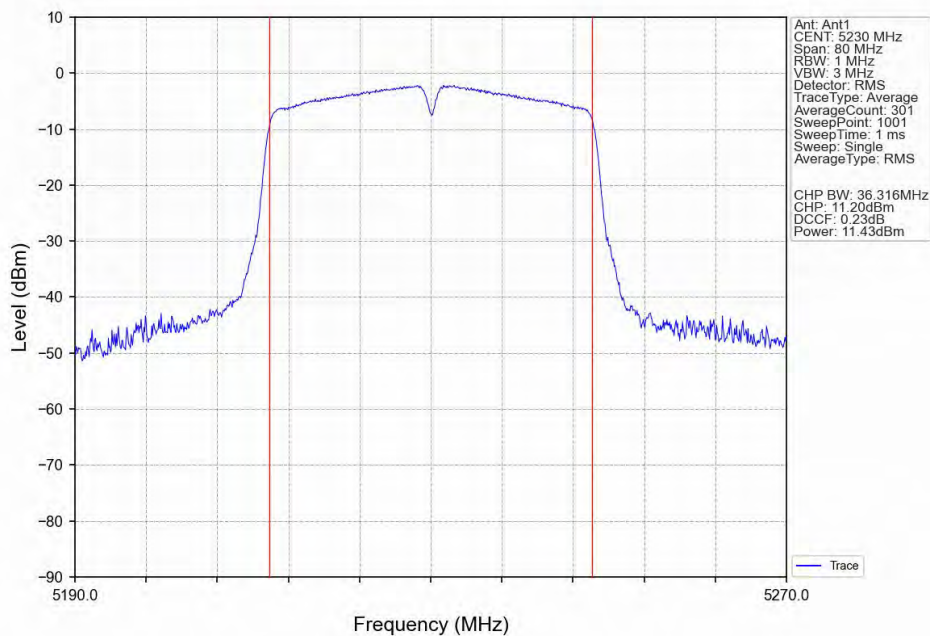
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



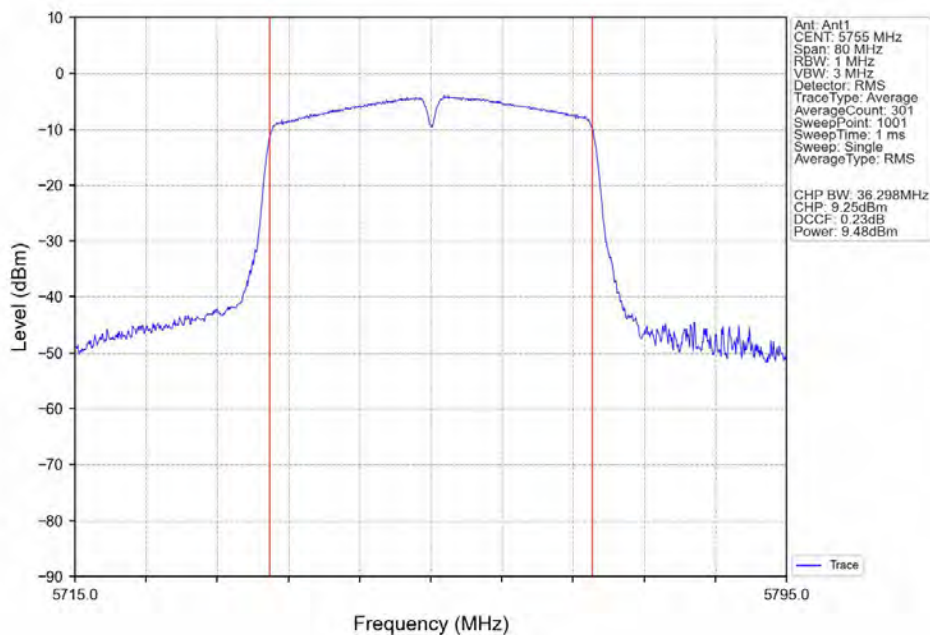
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



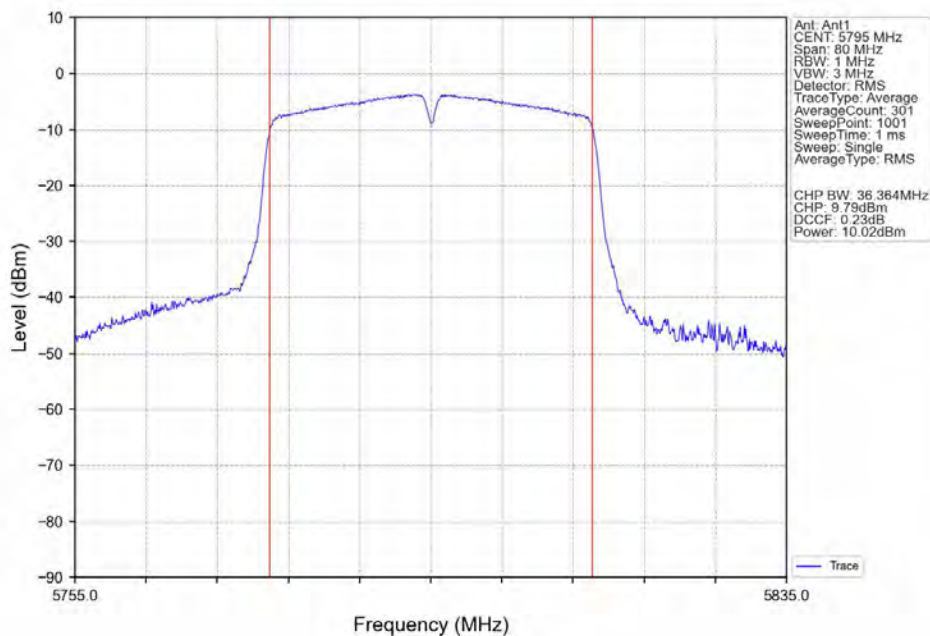
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



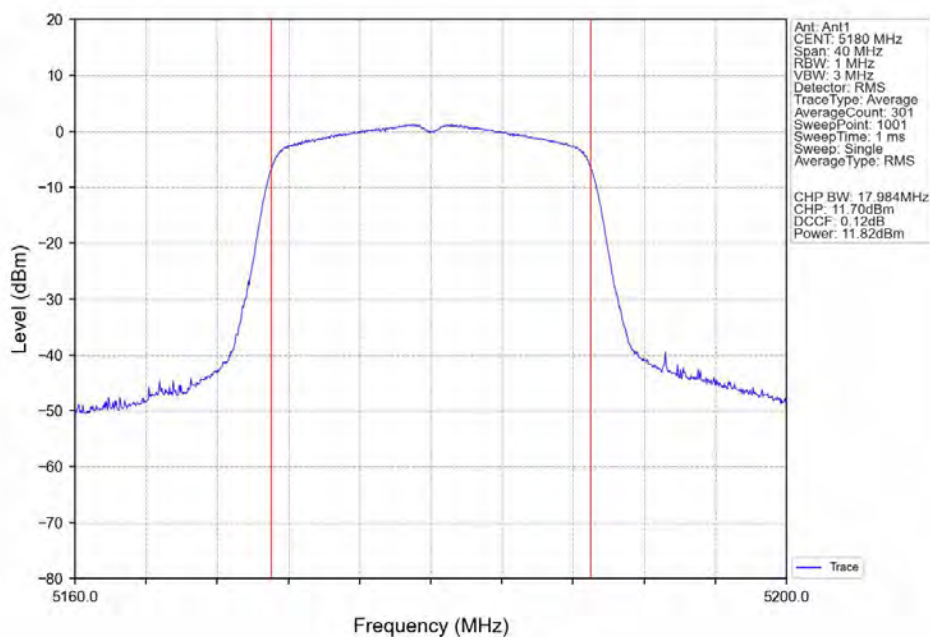
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



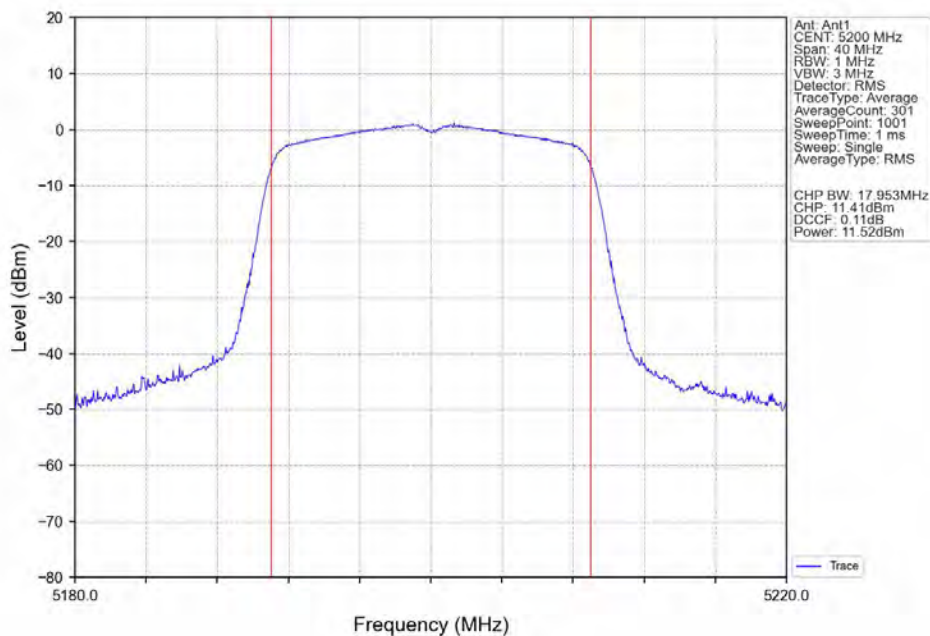
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



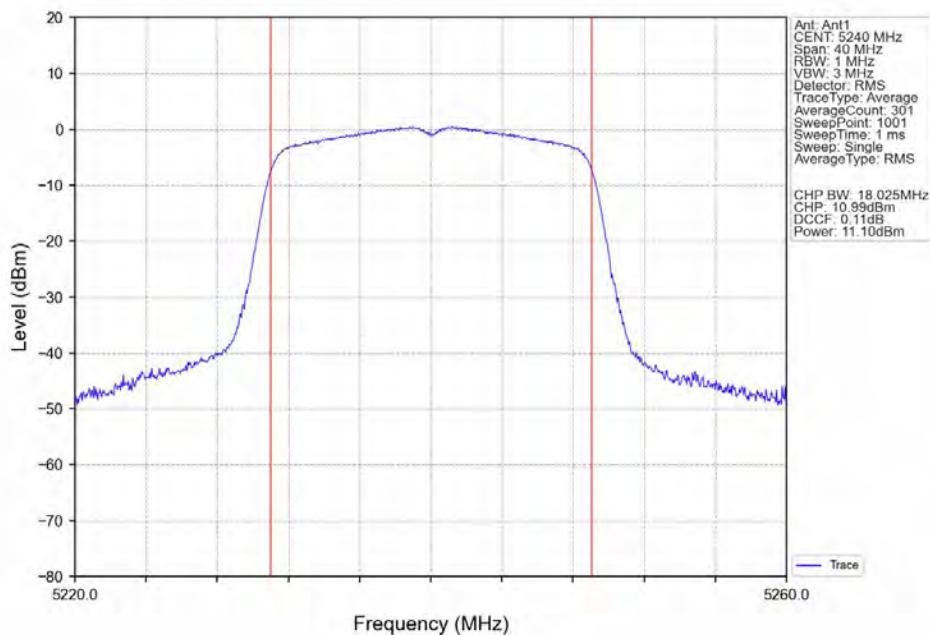
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



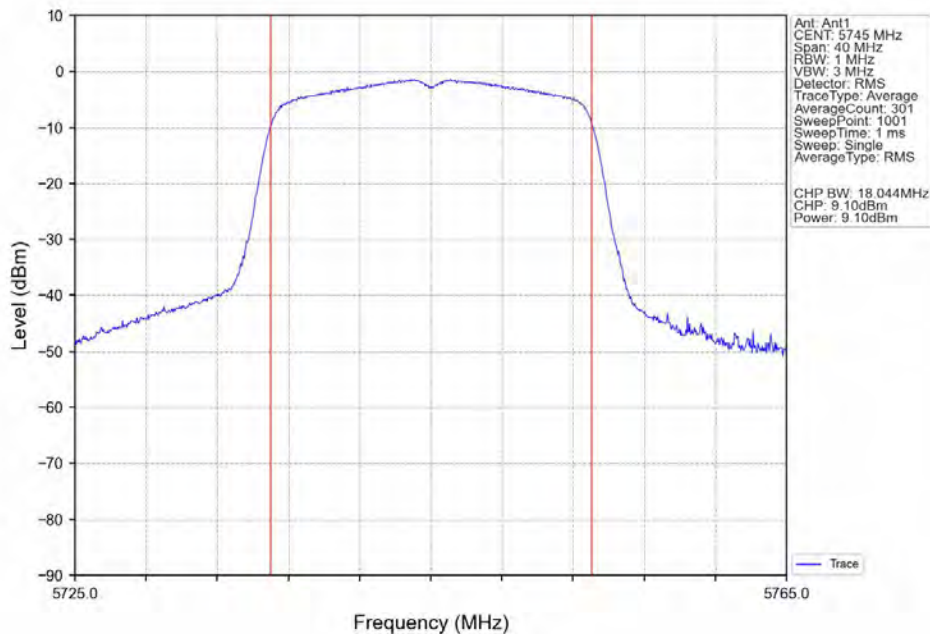
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



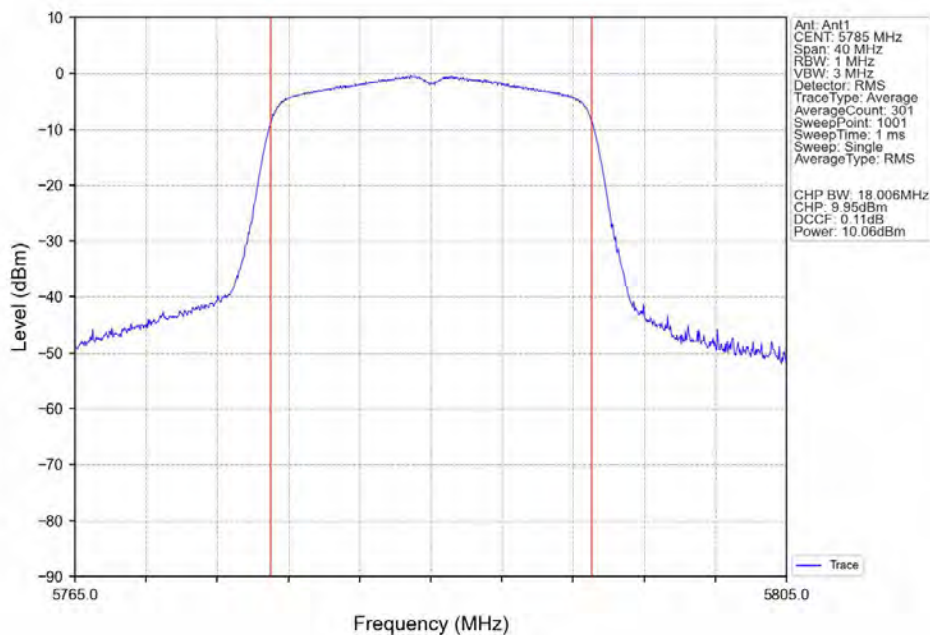
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



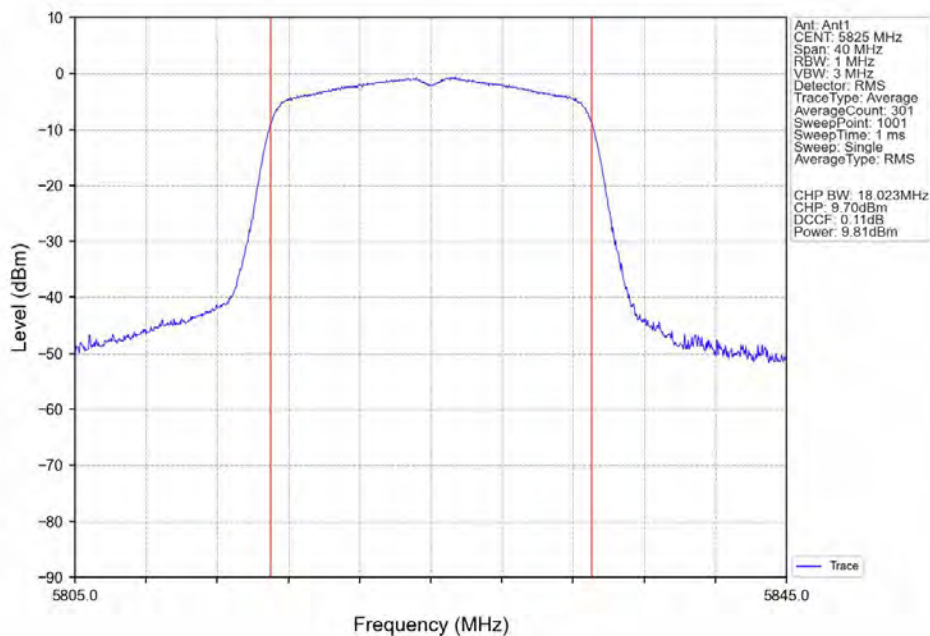
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



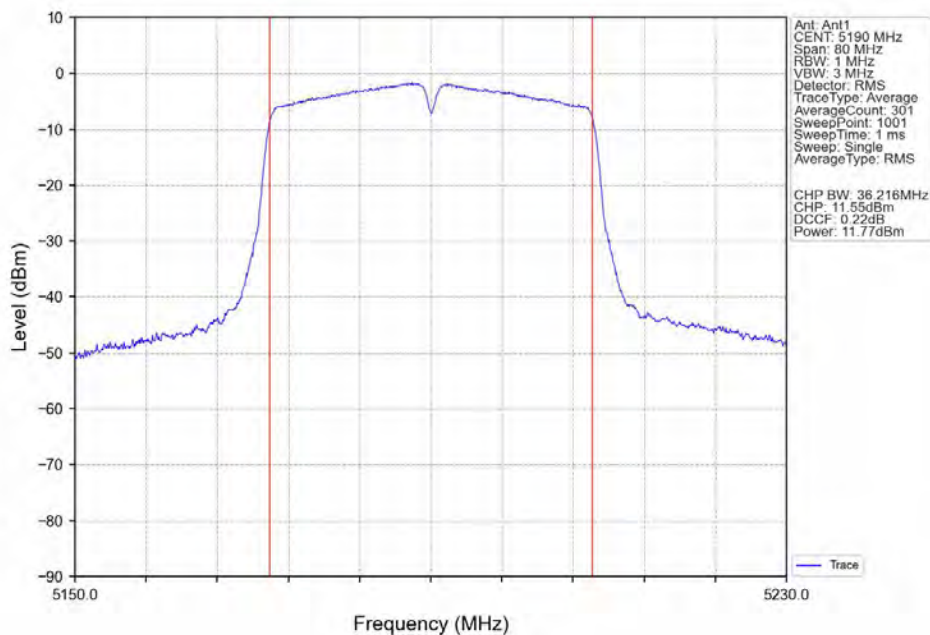
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



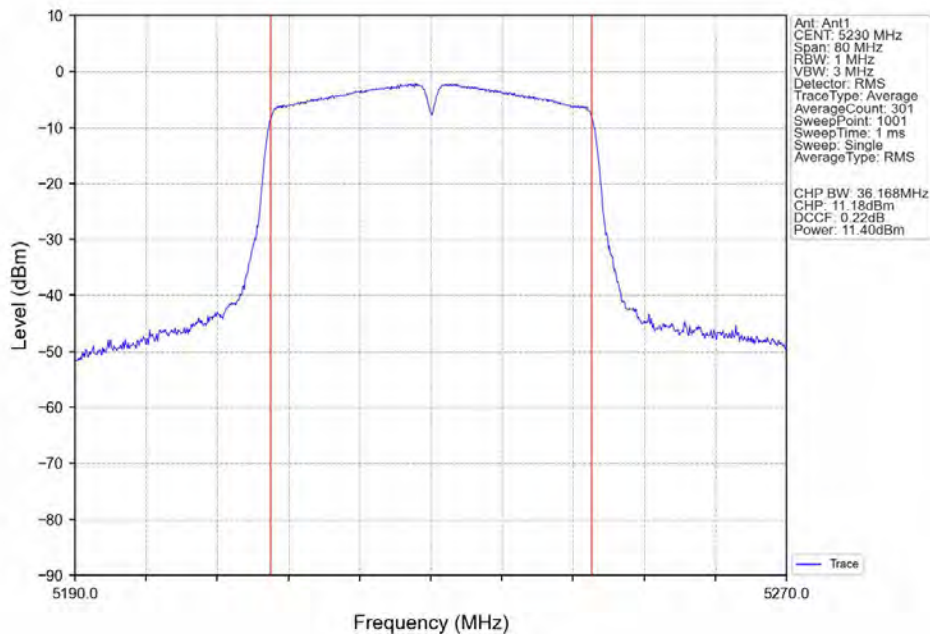
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



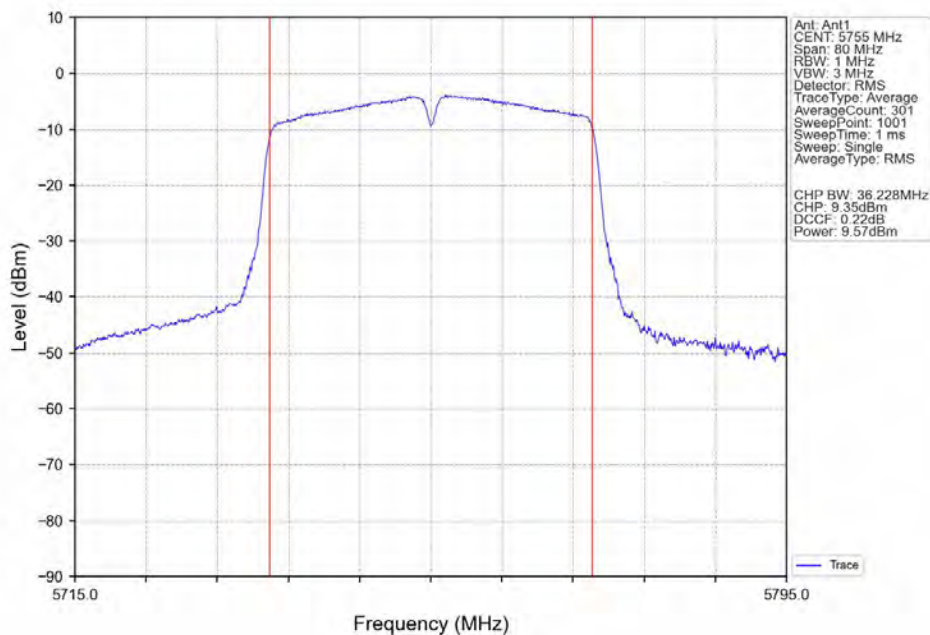
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



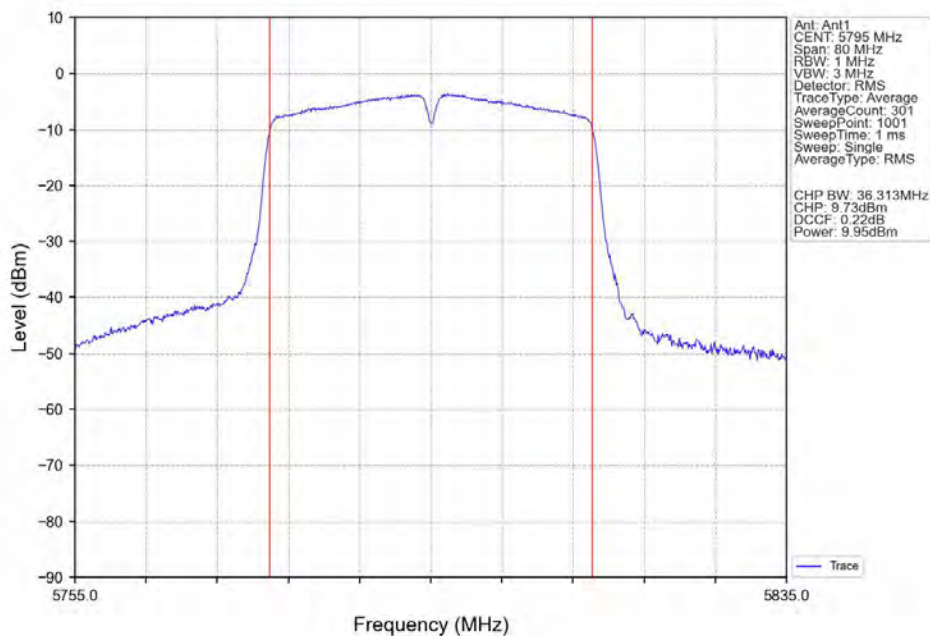
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



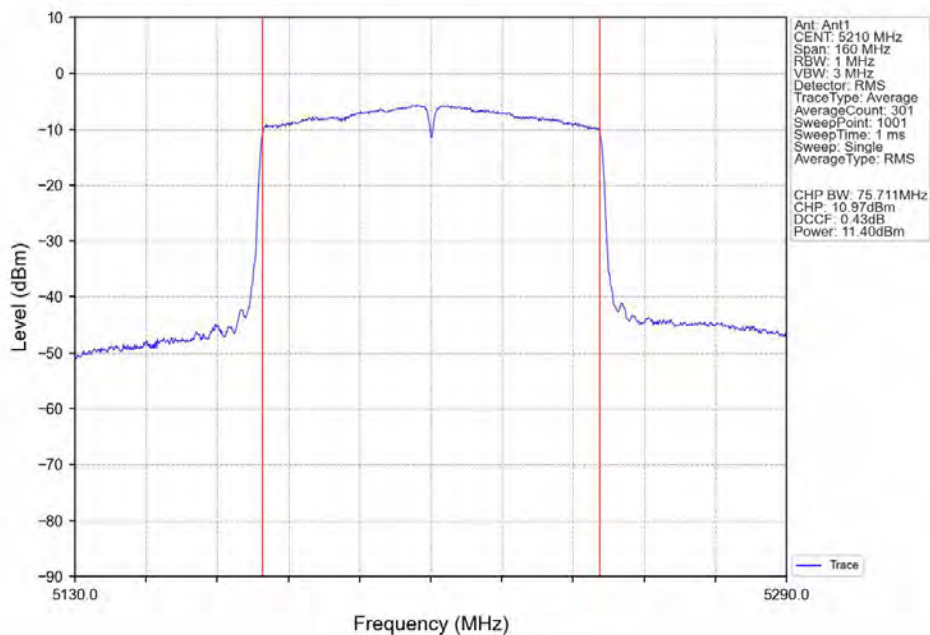
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



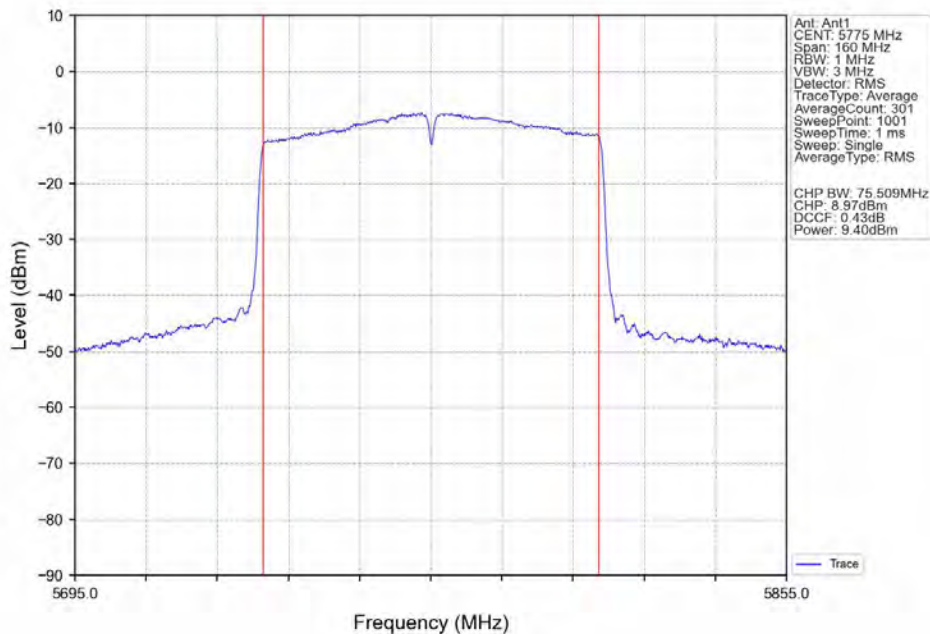
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

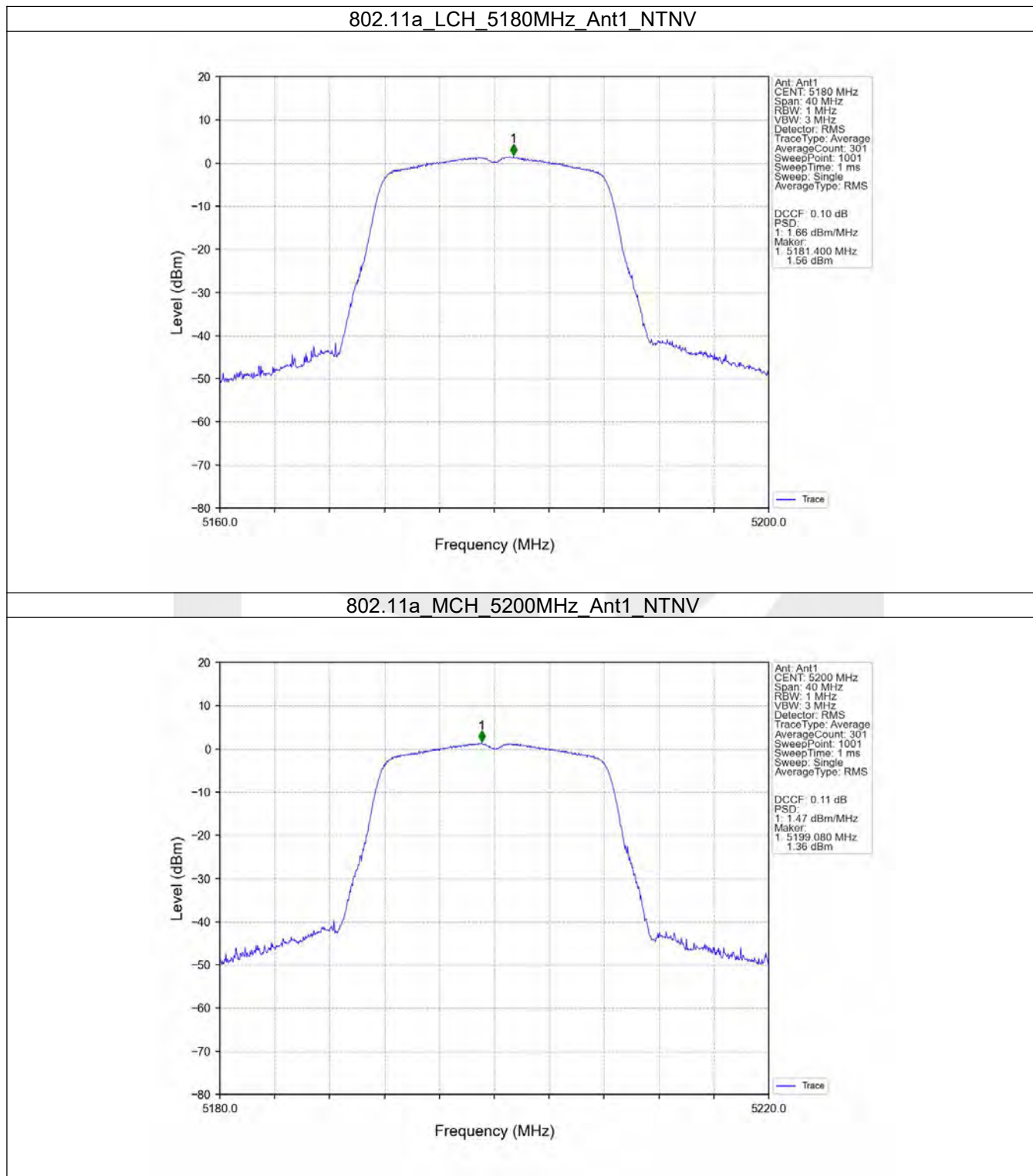
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	1.66	<=11	Pass
		5200	1.47	<=11	Pass
		5240	1.13	<=11	Pass
802.11n (HT20)	SISO	5180	1.48	<=11	Pass
		5200	1.25	<=11	Pass
		5240	0.62	<=11	Pass
802.11n (HT40)	SISO	5190	-1.40	<=11	Pass
		5230	-1.97	<=11	Pass
802.11ac (VHT20)	SISO	5180	1.34	<=11	Pass
		5200	1.10	<=11	Pass
		5240	0.69	<=11	Pass
802.11ac (VHT40)	SISO	5190	-1.64	<=11	Pass
		5230	-1.94	<=11	Pass
802.11ac (VHT80)	SISO	5210	-5.26	<=11	Pass

4.1.2 PSD-Band3

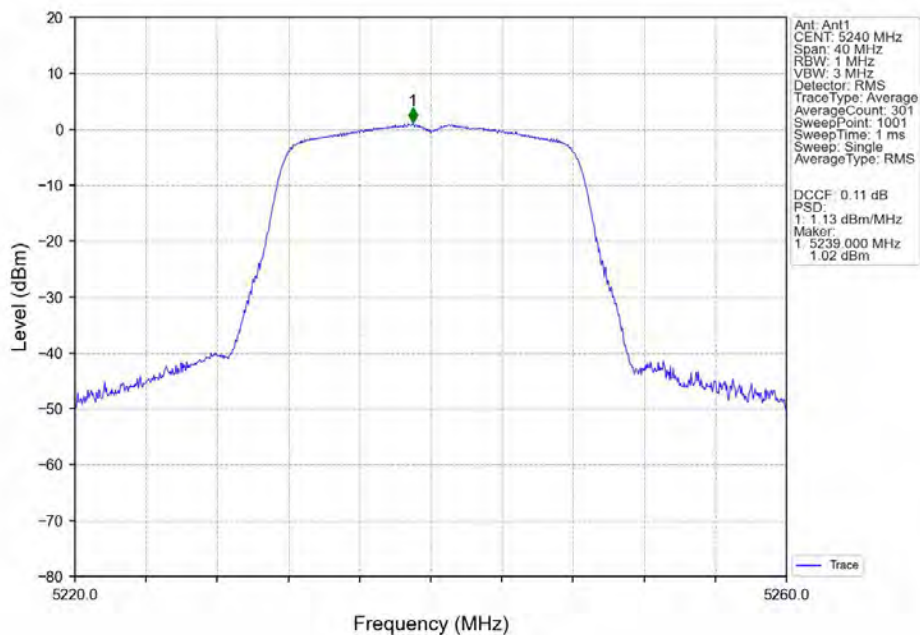
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-3.76	<=30	Pass
		5785	-3.07	<=30	Pass
		5825	-3.05	<=30	Pass
802.11n (HT20)	SISO	5745	-4.35	<=30	Pass
		5785	-3.25	<=30	Pass
		5825	-3.34	<=30	Pass
802.11n (HT40)	SISO	5755	-6.82	<=30	Pass
		5795	-6.24	<=30	Pass
802.11ac (VHT20)	SISO	5745	-4.06	<=30	Pass
		5785	-3.43	<=30	Pass
		5825	-3.60	<=30	Pass
802.11ac (VHT40)	SISO	5755	-6.72	<=30	Pass
		5795	-6.42	<=30	Pass
802.11ac (VHT80)	SISO	5775	-9.29	<=30	Pass

4.2 Test Graph

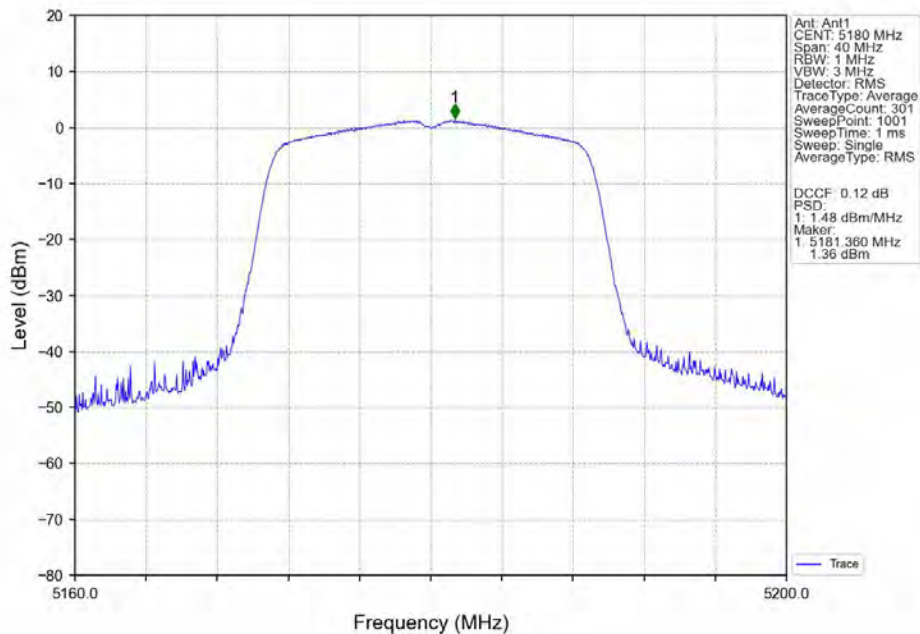
4.2.1 PSD



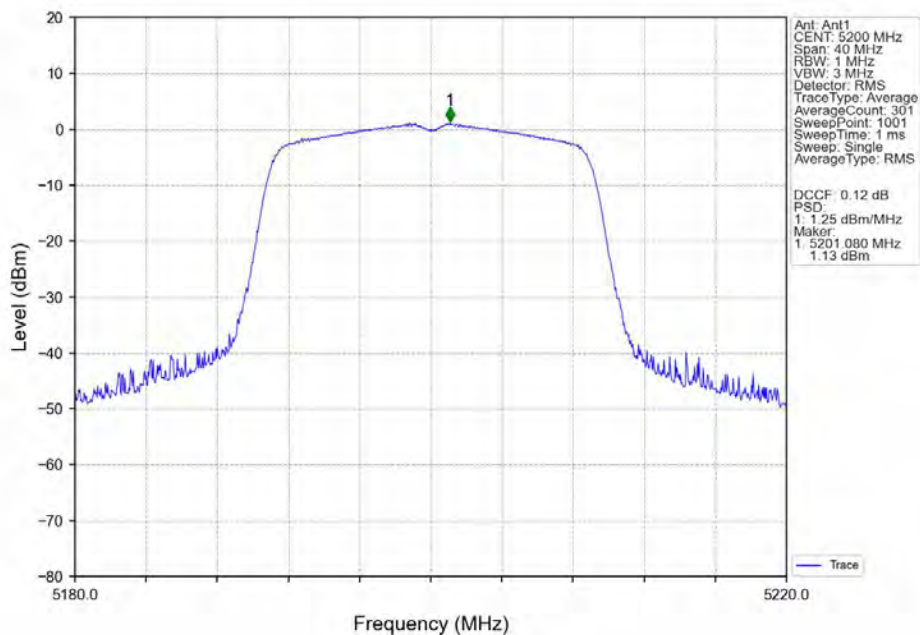
802.11a_HCH_5240MHz_Ant1_NTNV



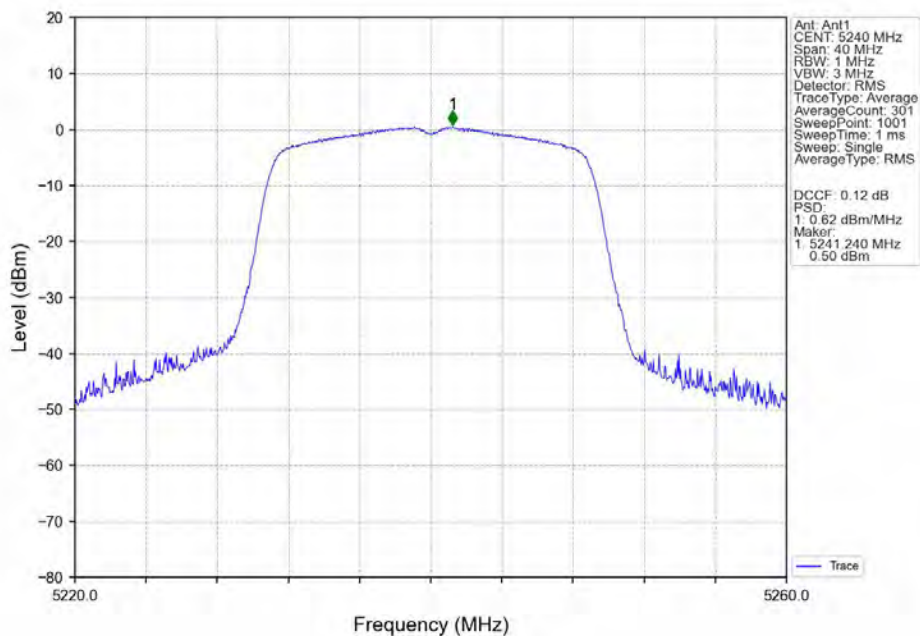
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



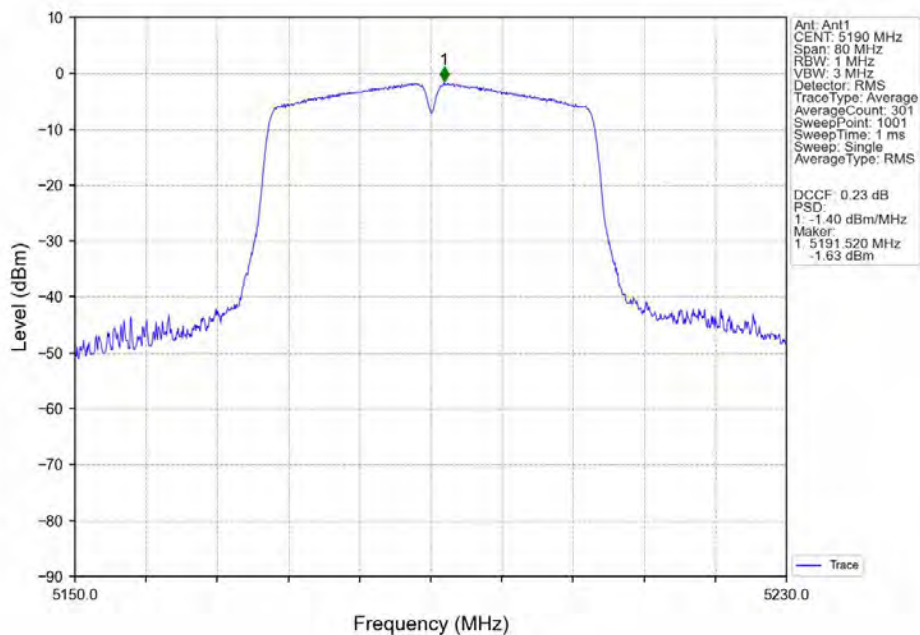
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



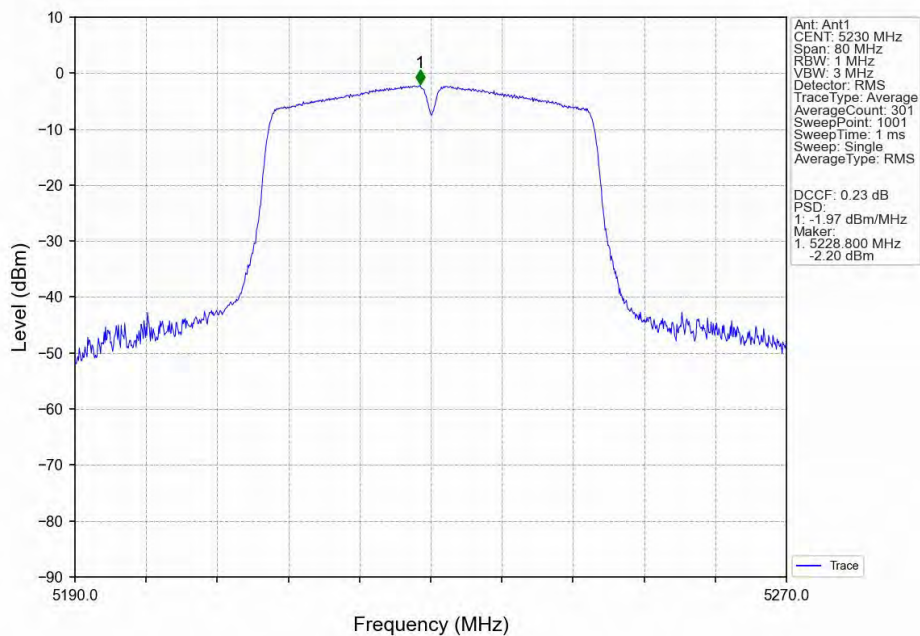
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



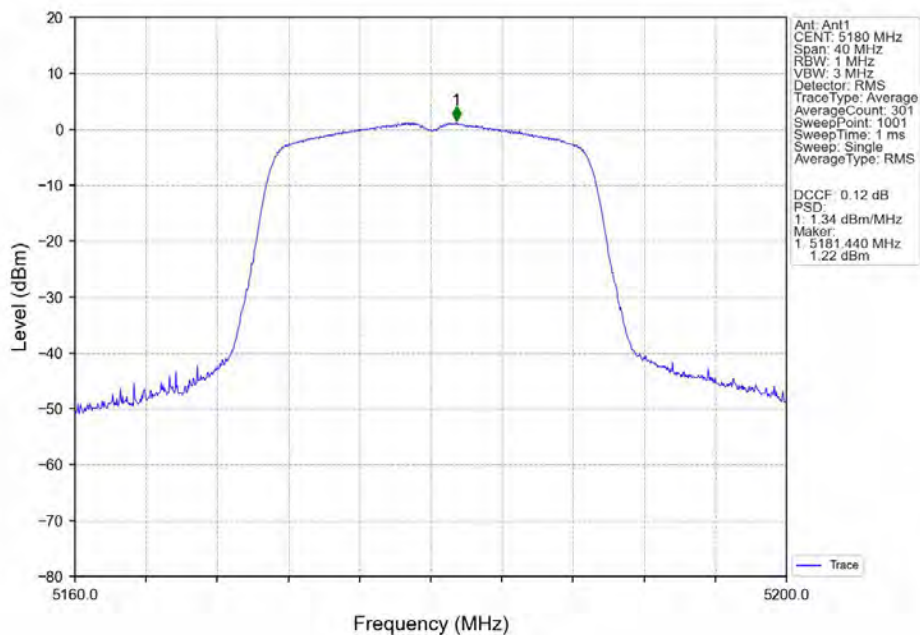
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



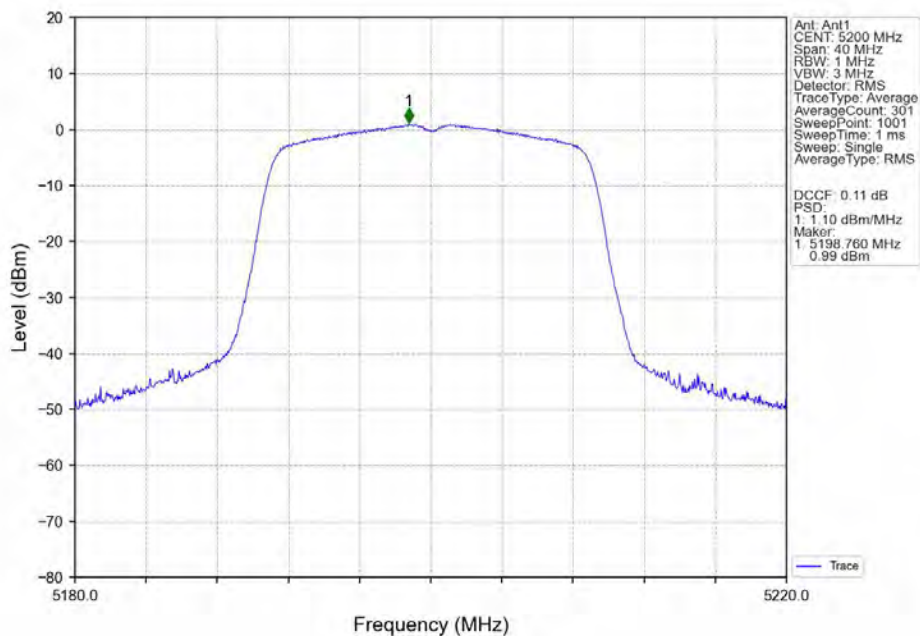
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



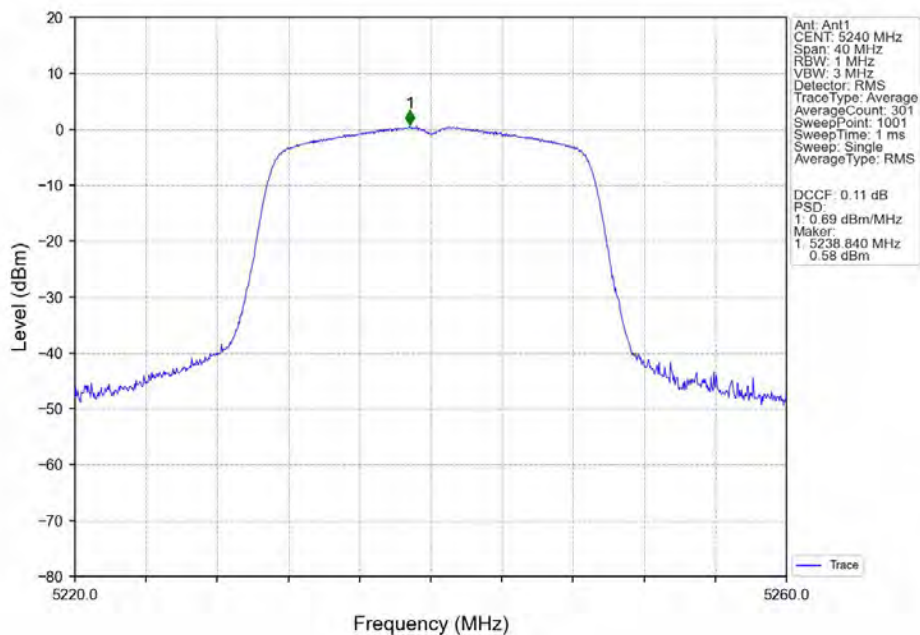
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



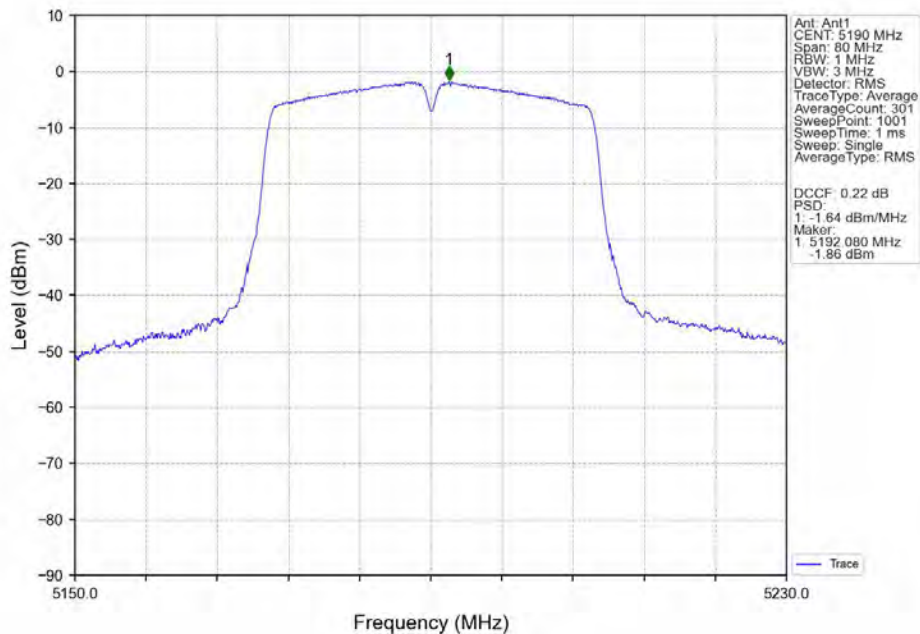
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



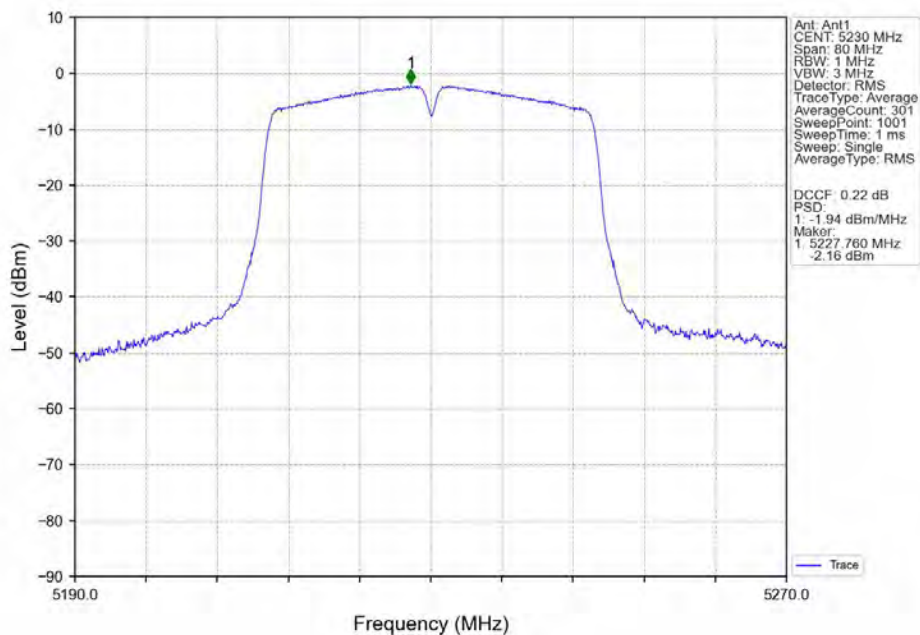
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



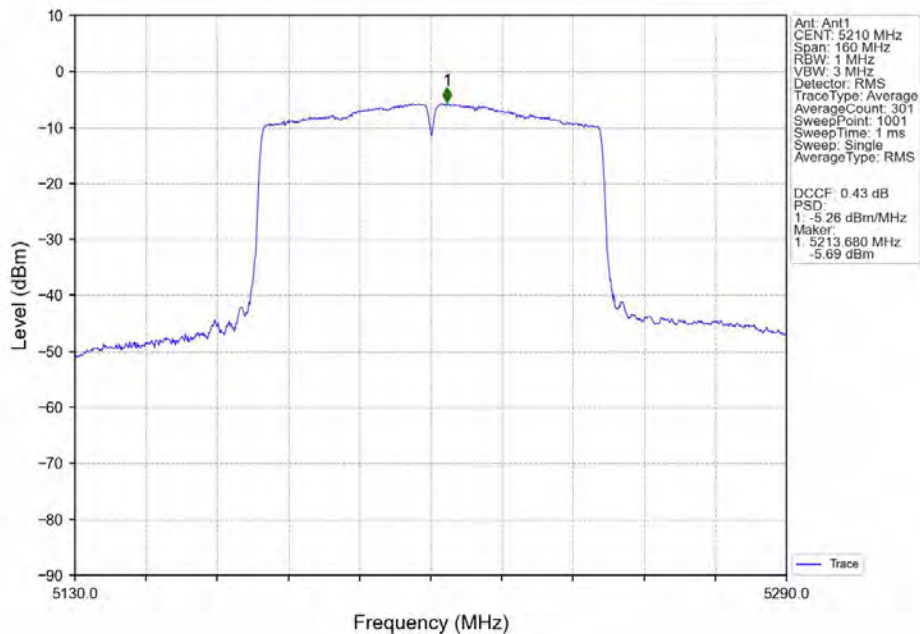
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



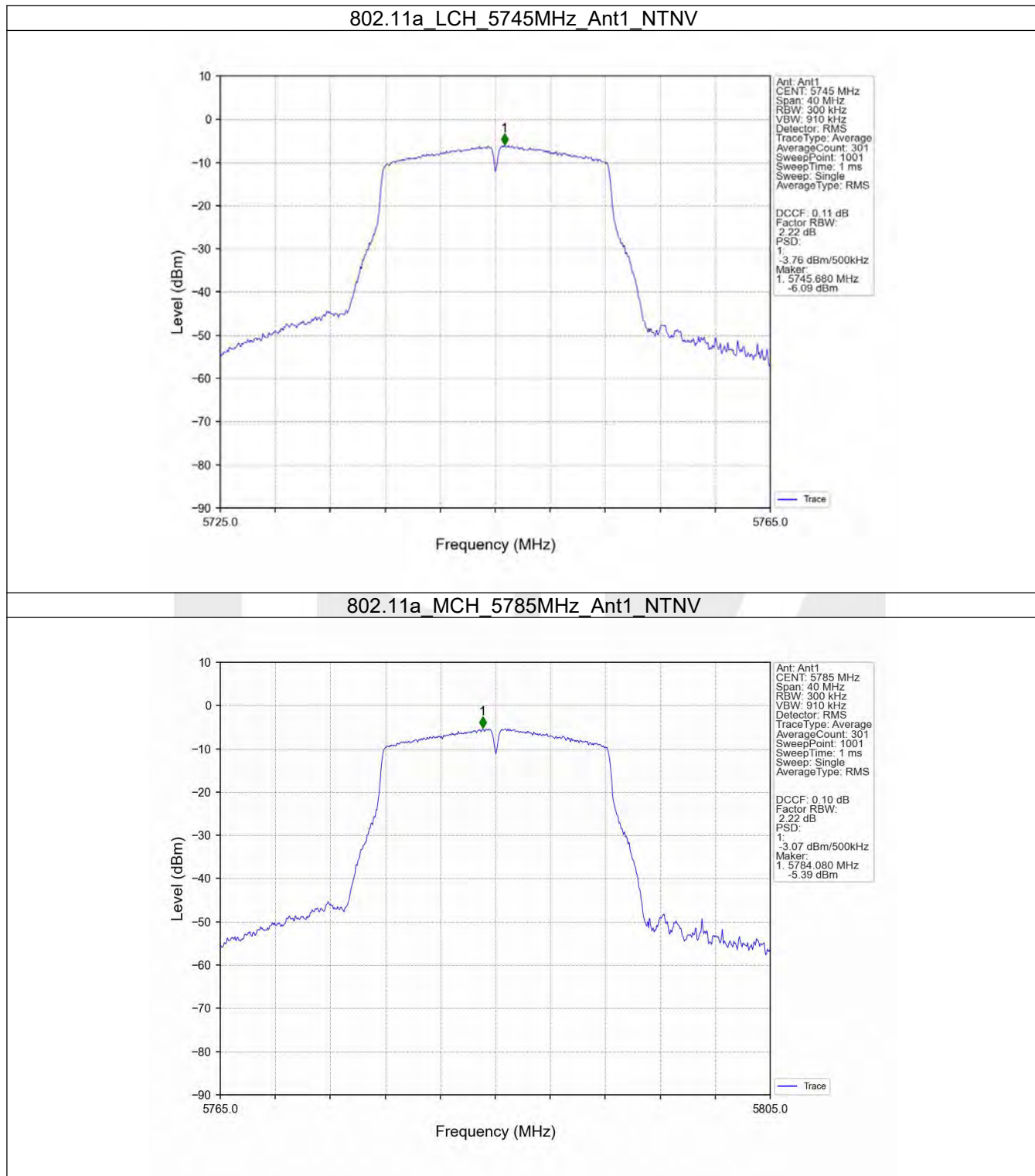
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



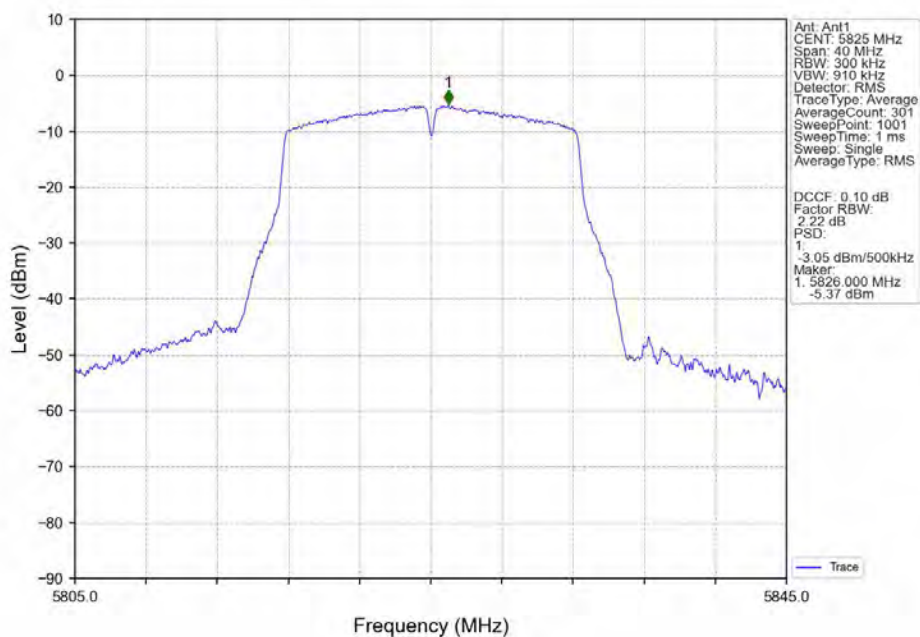
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



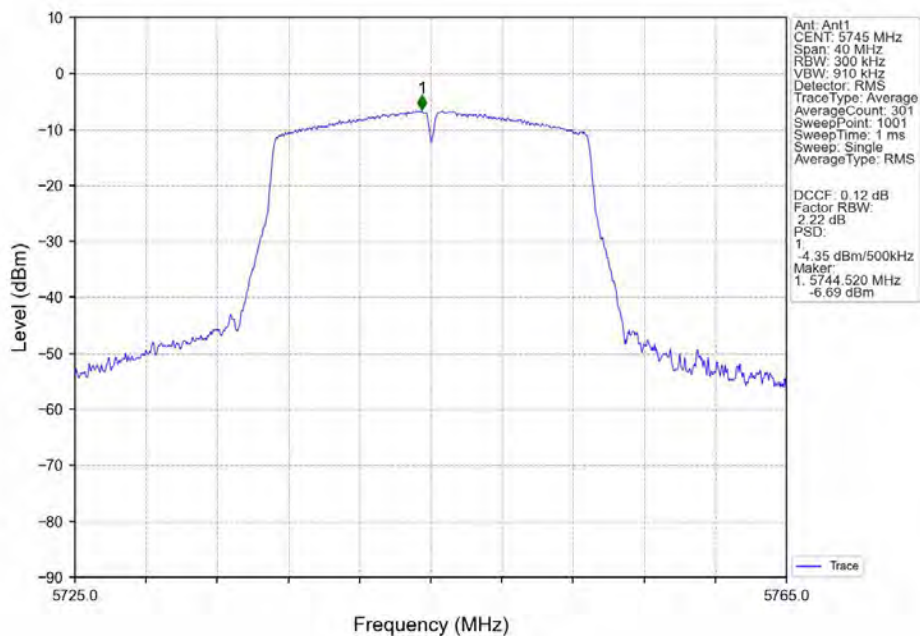
4.2.2 PSD-Band3



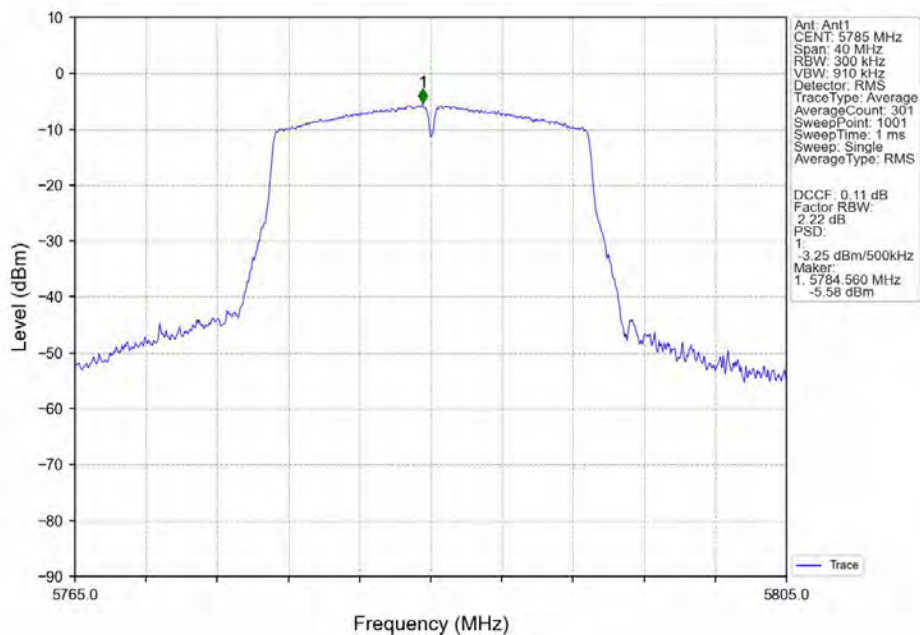
802.11a_HCH_5825MHz_Ant1_NTNV



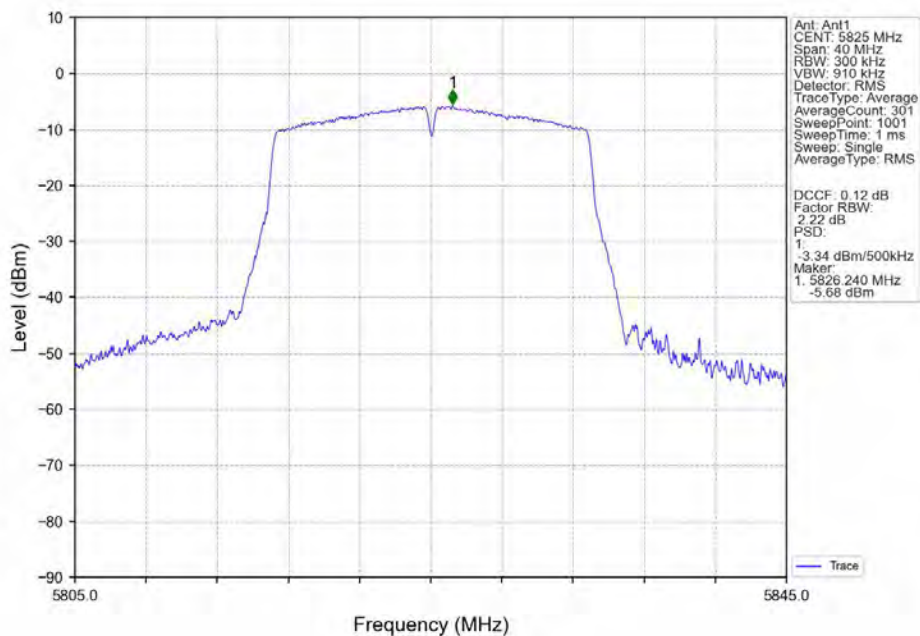
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



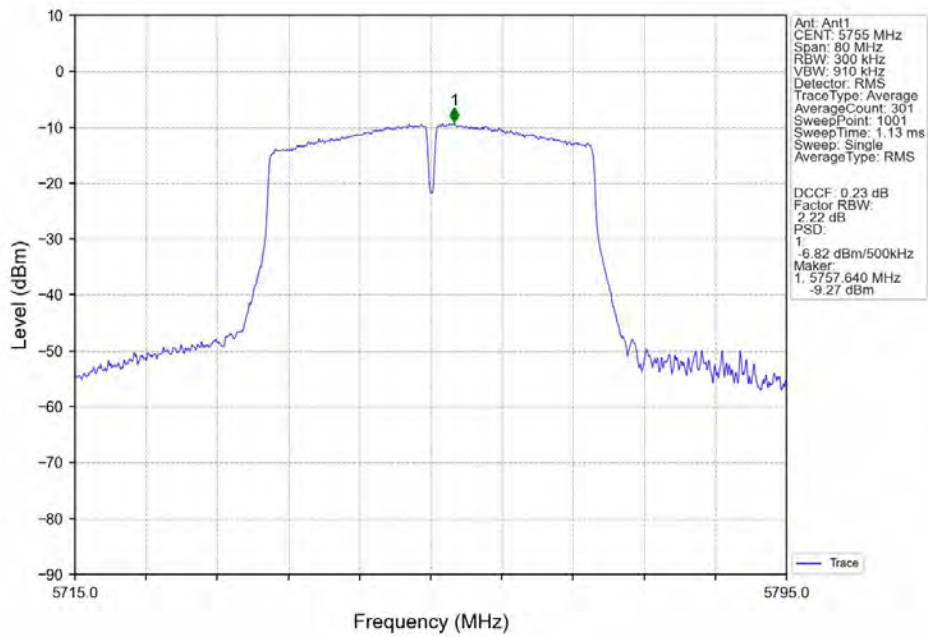
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



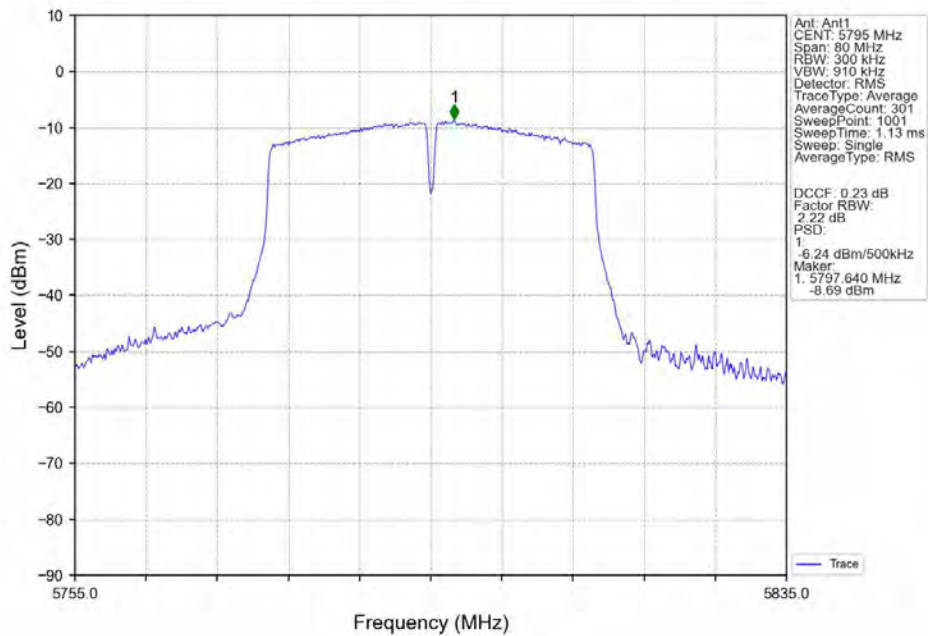
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



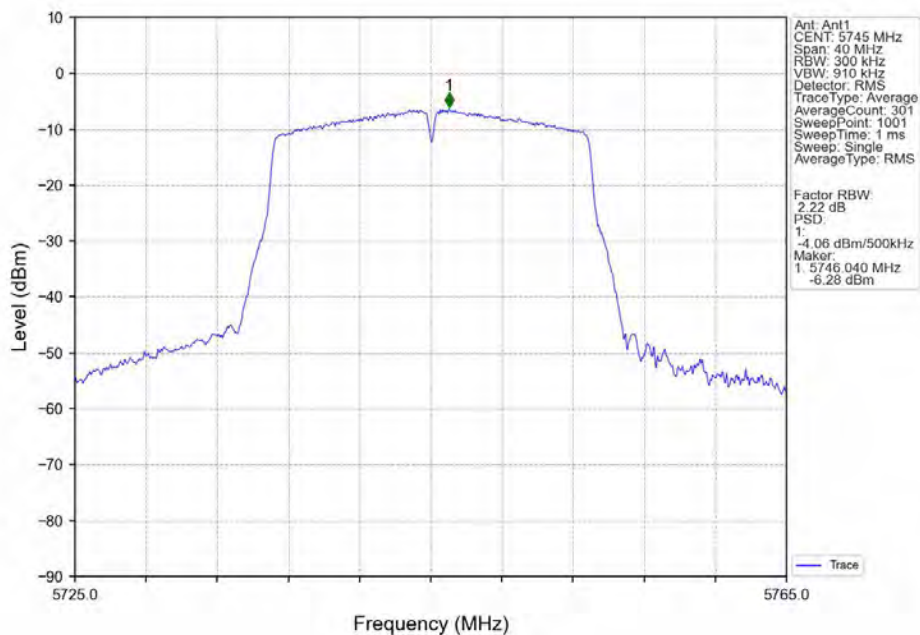
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



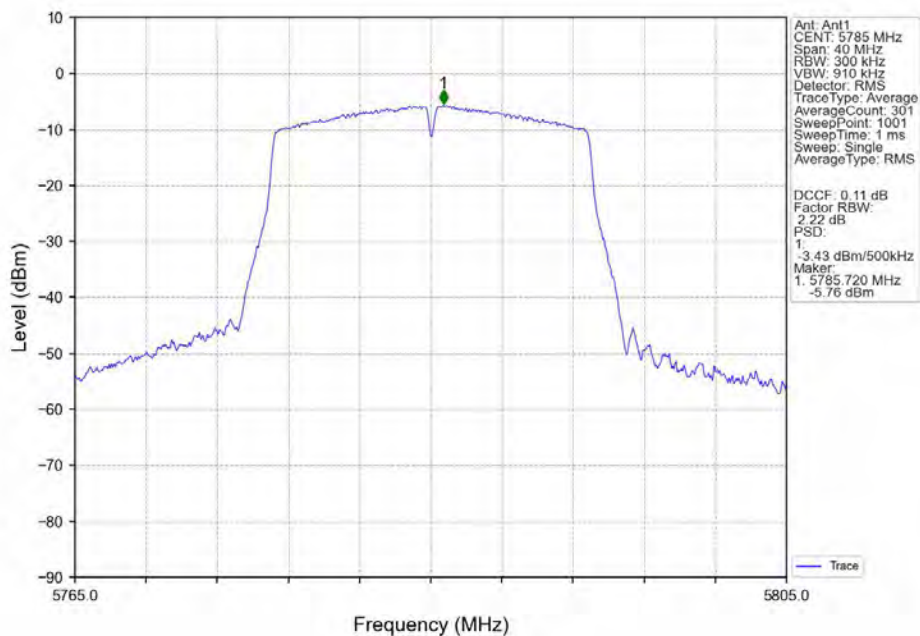
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



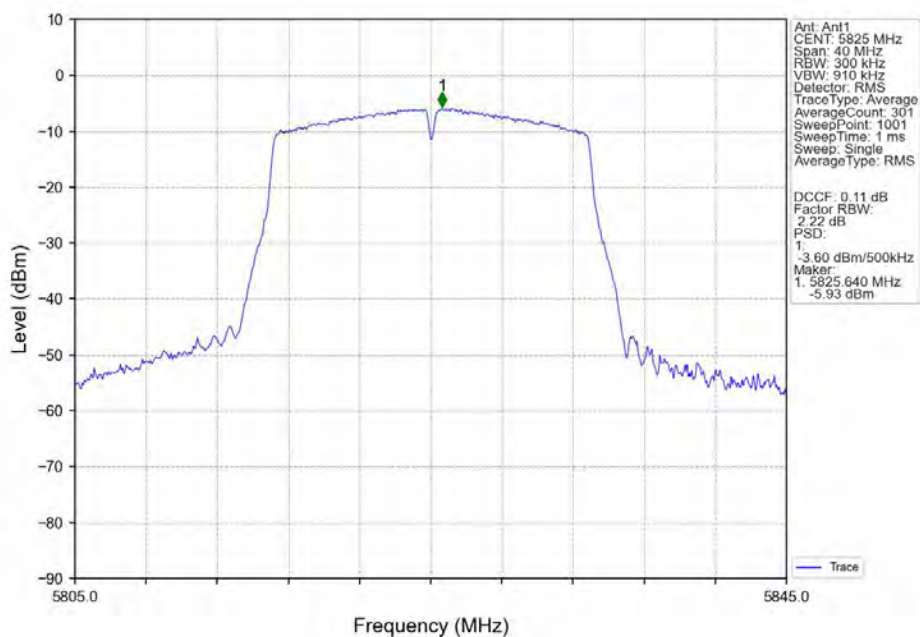
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



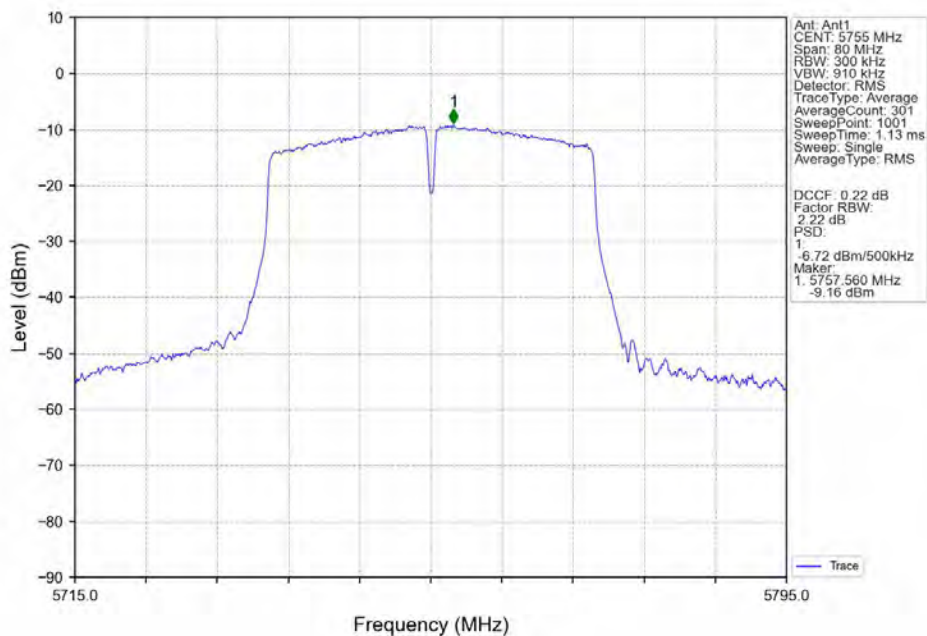
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



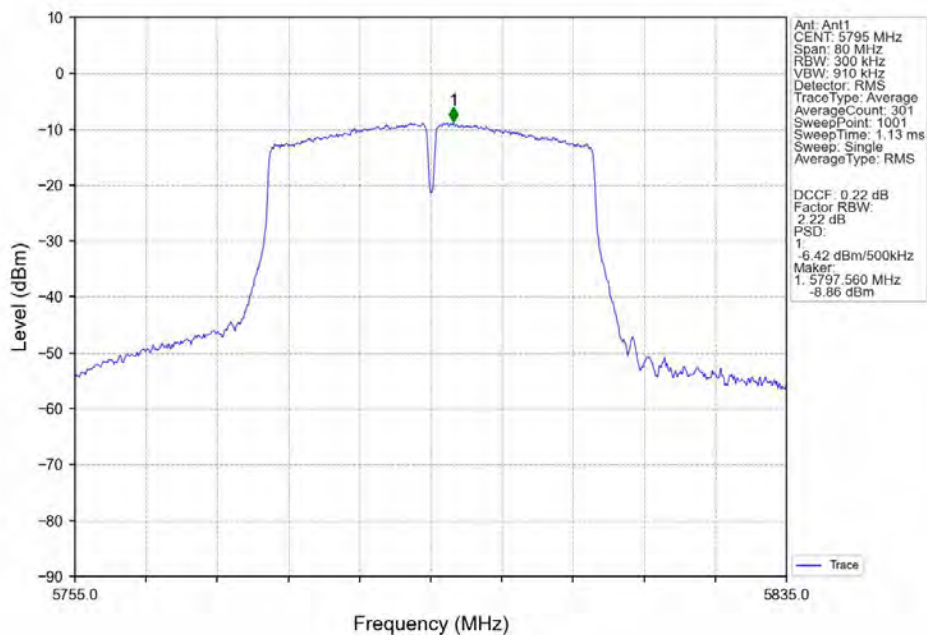
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



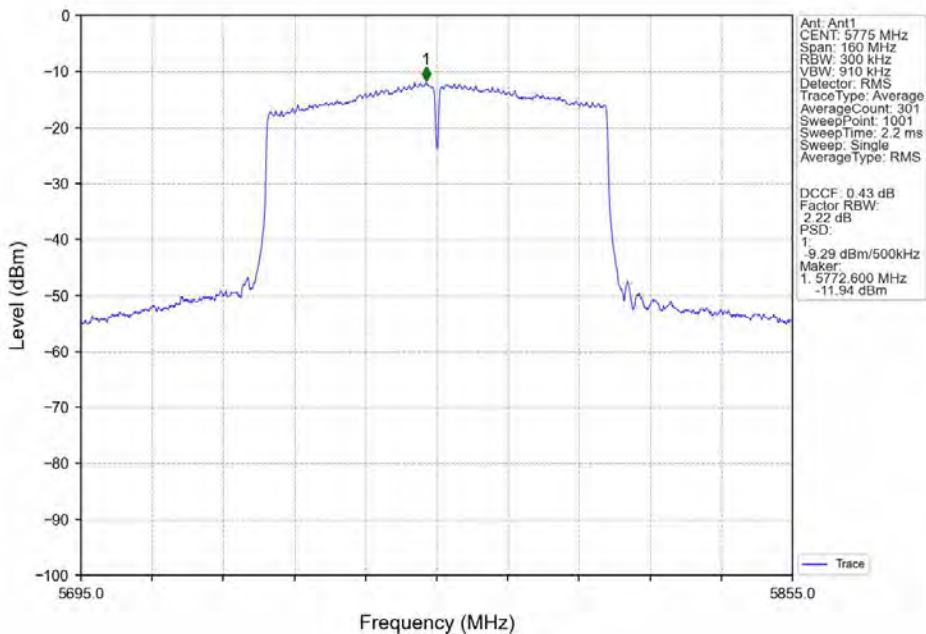
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

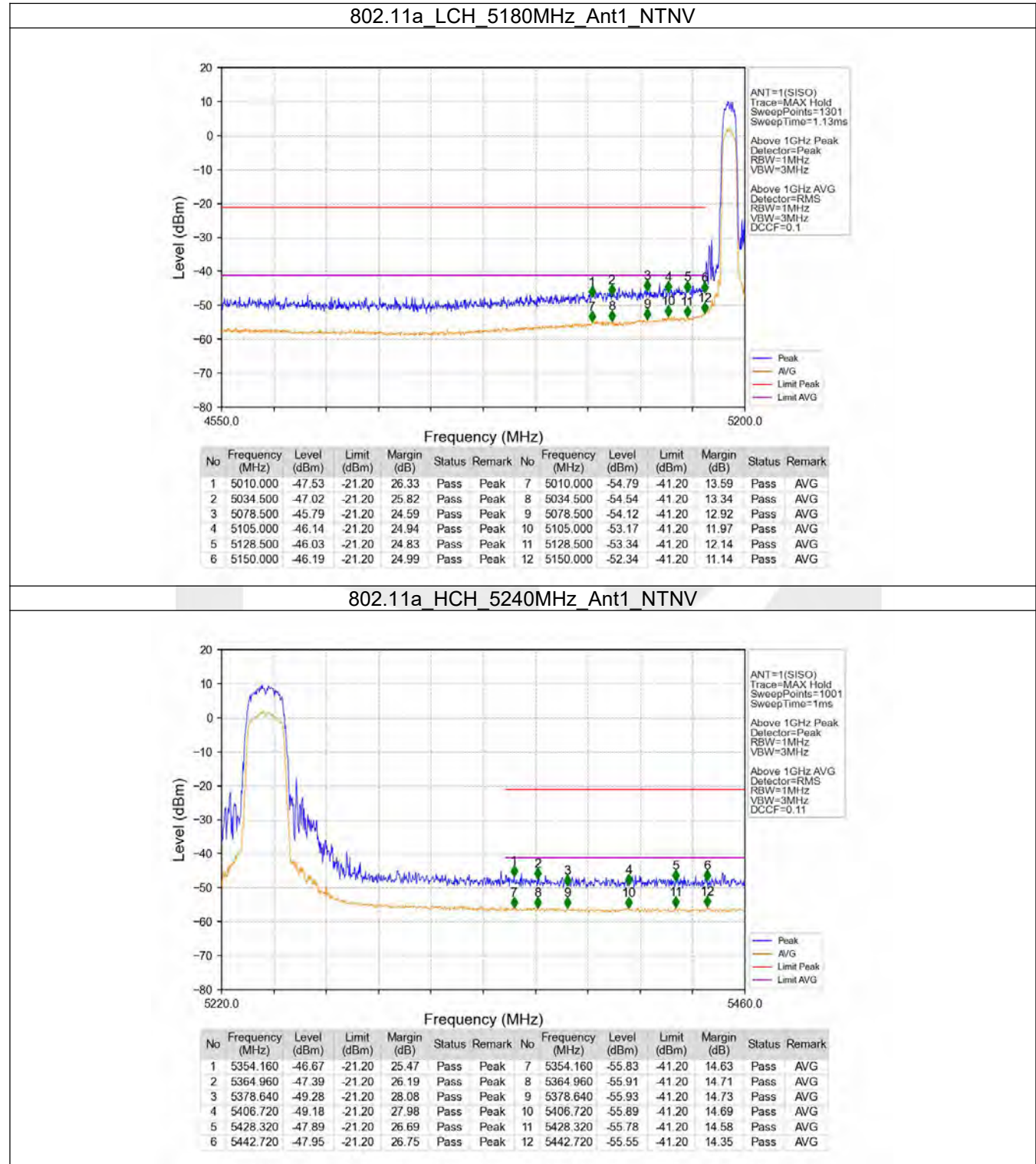
5.1 Test Result

5.1.1 CSE

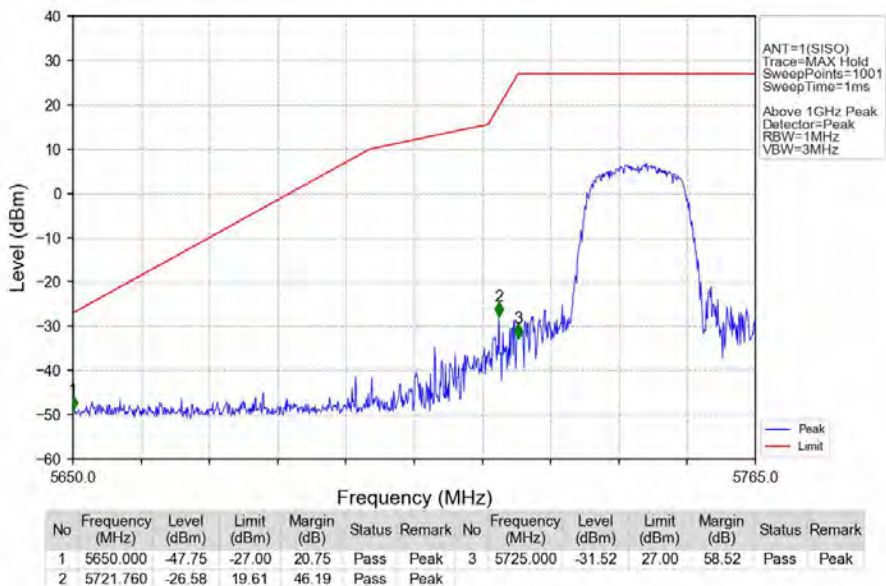
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
		5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	5180	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11ac (VHT40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
		5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass
802.11ac (VHT80)	SISO	5210	1	Refer To Test Graph		Pass
		5775	1	Refer To Test Graph		Pass
Note: 1) EIRP[dBm]=E[dBuV/m]- 95.2, for d= 3 m; 2) Level[dBm] results have calculated the antenna gain; 3) Antenna gain= U-NII-1: 5150 MHz to 5250 MHz: 1.11 dBi and U-NII-3: 5725 MHz to 5850 MHz: 1.11 dBi						

5.2 Test Graph

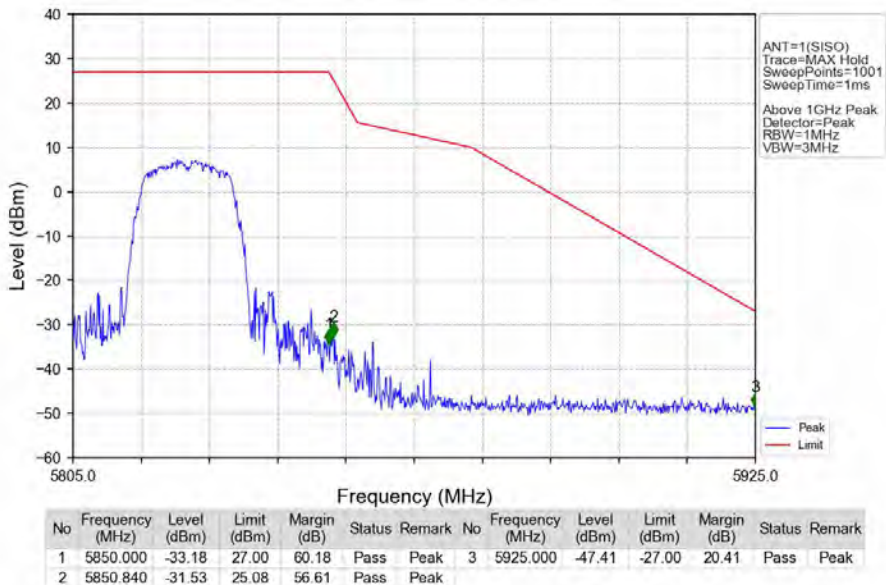
5.2.1 CSE



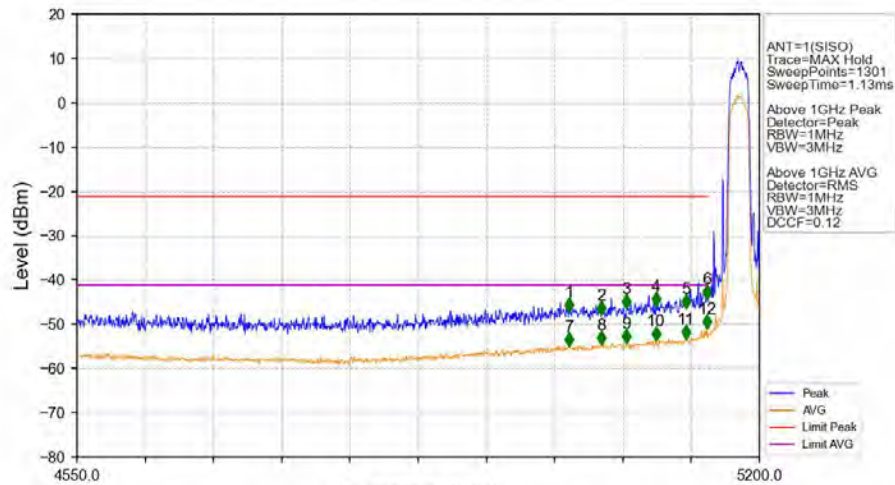
802.11a_LCH_5745MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV

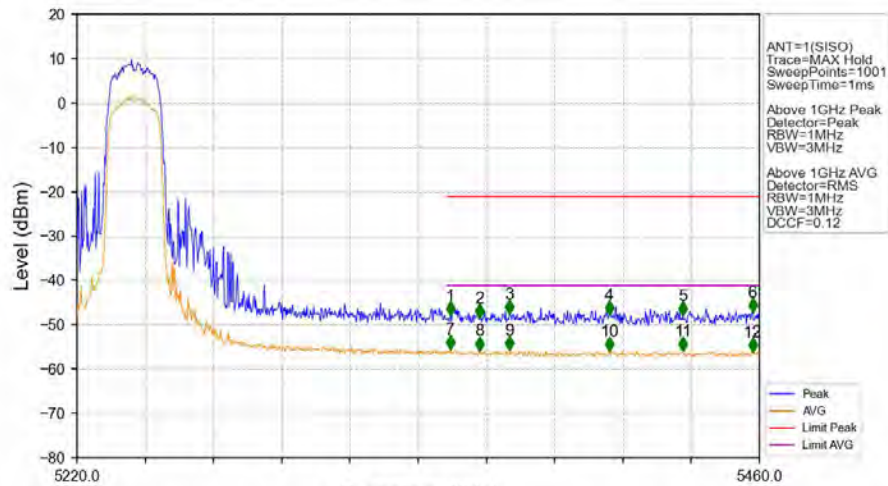


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



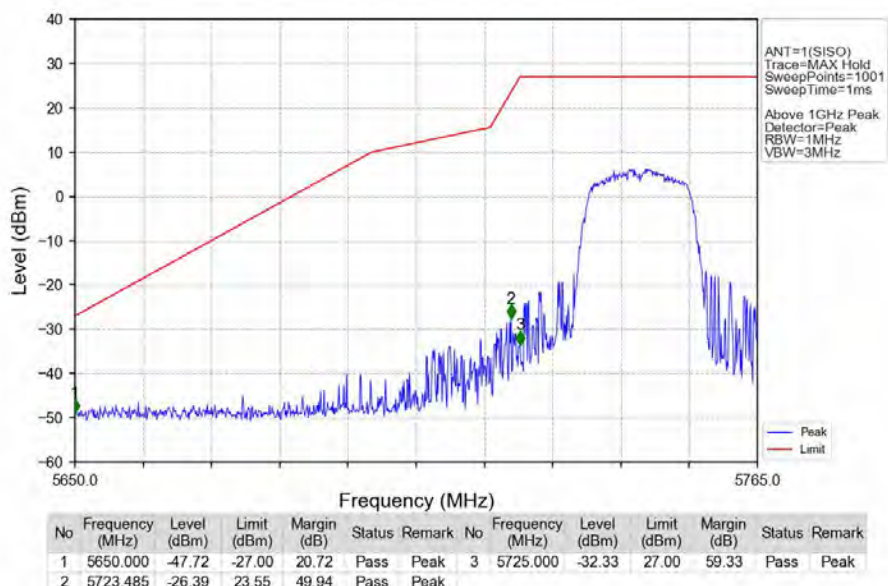
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5019.000	-47.13	-21.20	25.93	Pass	Peak	7	5019.000	-54.96	-41.20	13.76	Pass	AVG
2	5049.500	-47.91	-21.20	26.71	Pass	Peak	8	5049.500	-54.59	-41.20	13.39	Pass	AVG
3	5073.500	-46.41	-21.20	25.21	Pass	Peak	9	5073.500	-54.34	-41.20	13.14	Pass	AVG
4	5101.500	-45.89	-21.20	24.69	Pass	Peak	10	5101.500	-53.66	-41.20	12.46	Pass	AVG
5	5130.000	-46.37	-21.20	25.17	Pass	Peak	11	5130.000	-53.43	-41.20	12.23	Pass	AVG
6	5150.000	-44.27	-21.20	23.07	Pass	Peak	12	5150.000	-50.90	-41.20	9.70	Pass	AVG

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

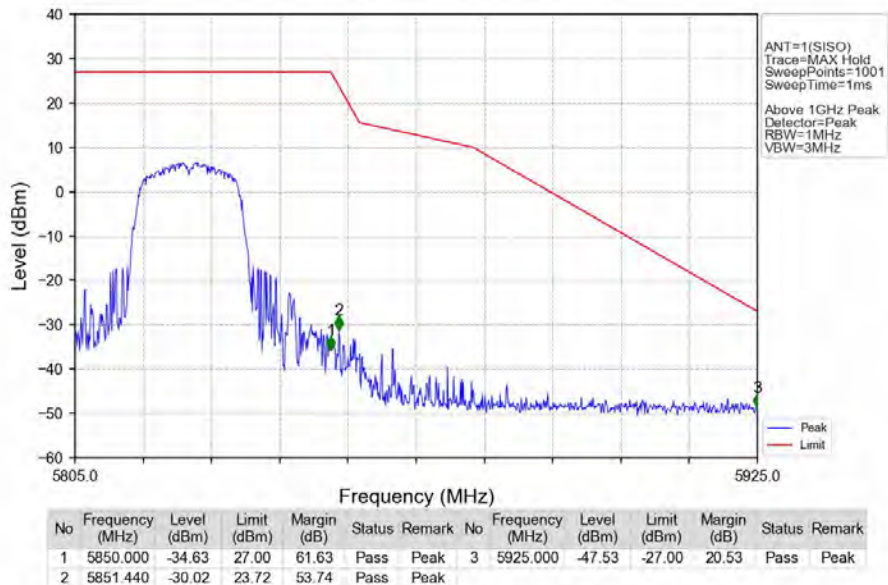


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5351.280	-47.92	-21.20	26.72	Pass	Peak	7	5351.280	-55.48	-41.20	14.28	Pass	AVG
2	5361.600	-48.42	-21.20	27.22	Pass	Peak	8	5361.600	-55.82	-41.20	14.62	Pass	AVG
3	5372.160	-47.53	-21.20	26.33	Pass	Peak	9	5372.160	-55.71	-41.20	14.51	Pass	AVG
4	5407.200	-47.69	-21.20	26.49	Pass	Peak	10	5407.200	-55.93	-41.20	14.73	Pass	AVG
5	5433.120	-47.93	-21.20	26.73	Pass	Peak	11	5433.120	-55.95	-41.20	14.75	Pass	AVG
6	5457.600	-47.19	-21.20	25.99	Pass	Peak	12	5457.600	-56.03	-41.20	14.83	Pass	AVG

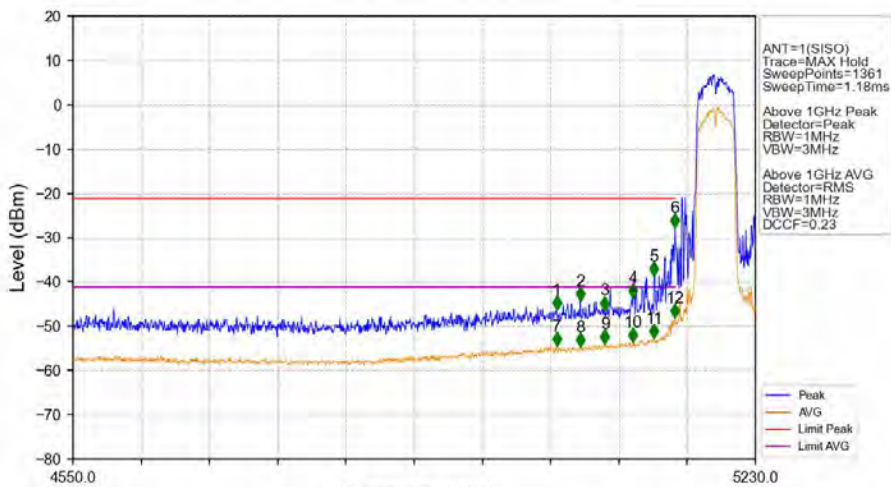
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

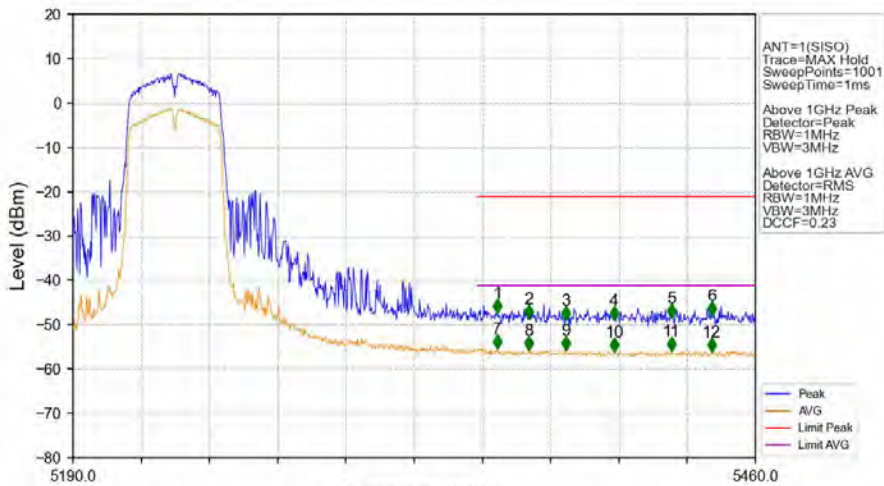


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



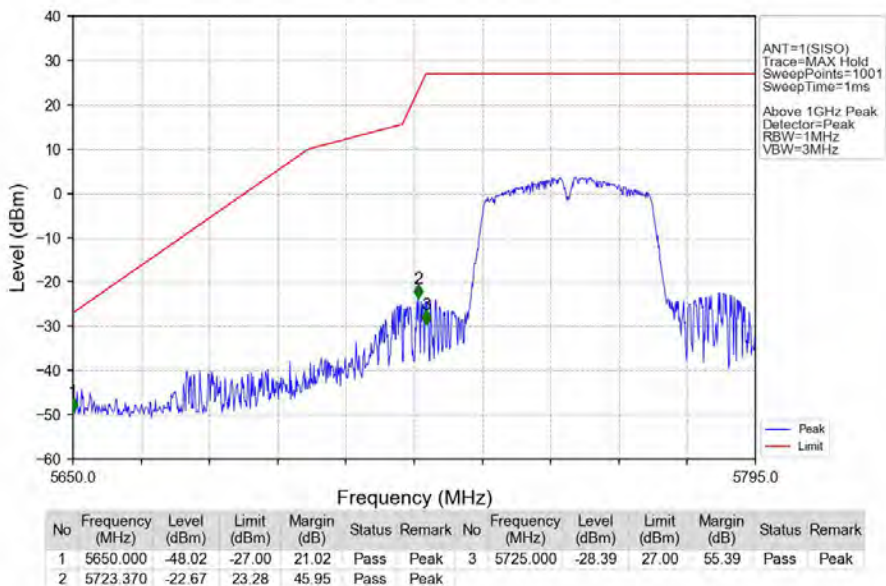
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5032.000	-46.33	-21.20	25.13	Pass	Peak	7	5032.000	-54.48	-41.20	13.28	Pass	AVG
2	5055.500	-44.24	-21.20	23.04	Pass	Peak	8	5055.500	-54.71	-41.20	13.51	Pass	AVG
3	5080.000	-46.33	-21.20	25.13	Pass	Peak	9	5080.000	-53.91	-41.20	12.71	Pass	AVG
4	5108.000	-43.60	-21.20	22.40	Pass	Peak	10	5108.000	-53.60	-41.20	12.40	Pass	AVG
5	5129.000	-38.66	-21.20	17.46	Pass	Peak	11	5129.000	-52.66	-41.20	11.46	Pass	AVG
6	5150.000	-27.59	-21.20	6.39	Pass	Peak	12	5150.000	-48.02	-41.20	6.82	Pass	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

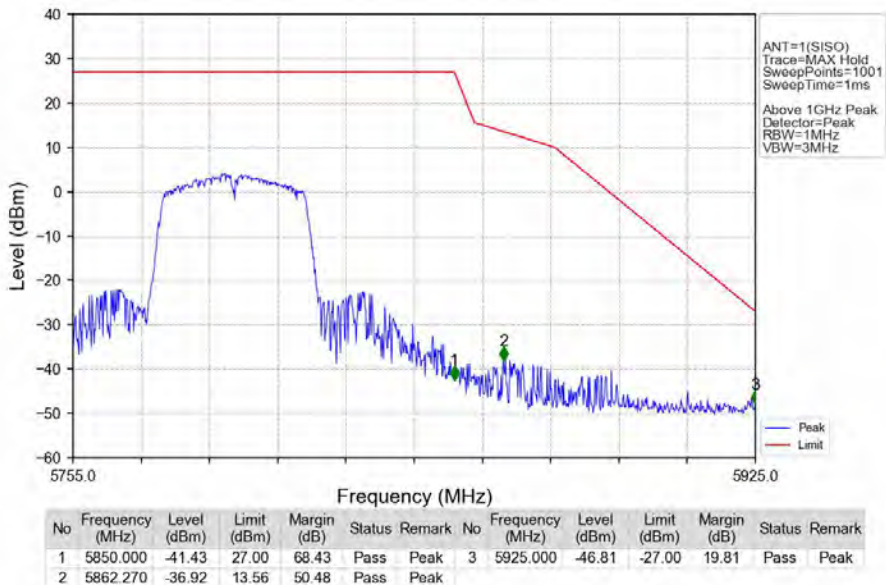


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5357.940	-47.37	-21.20	26.17	Pass	Peak	7	5357.940	-55.31	-41.20	14.11	Pass	AVG
2	5370.360	-48.60	-21.20	27.40	Pass	Peak	8	5370.360	-55.72	-41.20	14.52	Pass	AVG
3	5384.940	-48.99	-21.20	27.79	Pass	Peak	9	5384.940	-55.70	-41.20	14.50	Pass	AVG
4	5404.110	-49.06	-21.20	27.86	Pass	Peak	10	5404.110	-56.00	-41.20	14.80	Pass	AVG
5	5426.790	-48.38	-21.20	27.18	Pass	Peak	11	5426.790	-55.94	-41.20	14.74	Pass	AVG
6	5442.720	-47.89	-21.20	26.69	Pass	Peak	12	5442.720	-56.01	-41.20	14.81	Pass	AVG

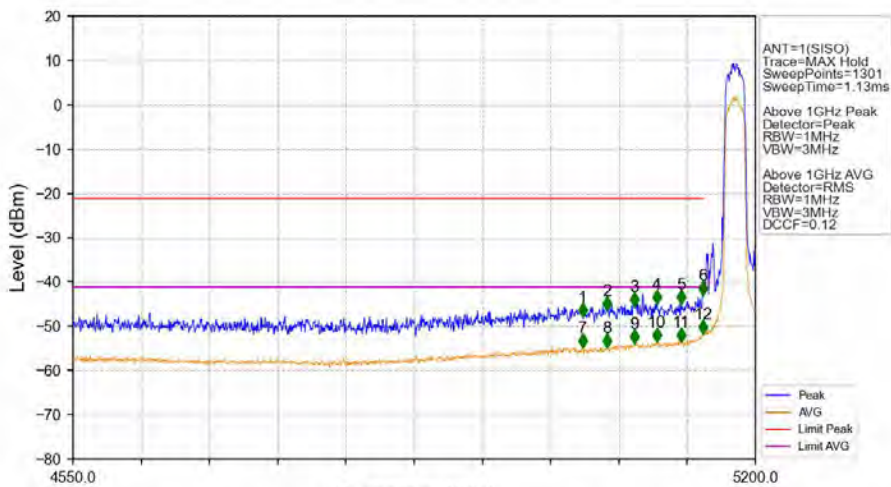
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

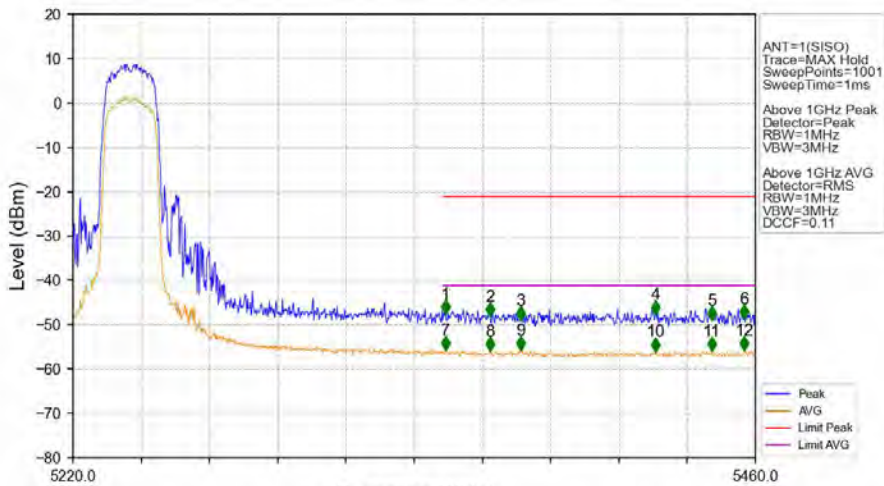


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



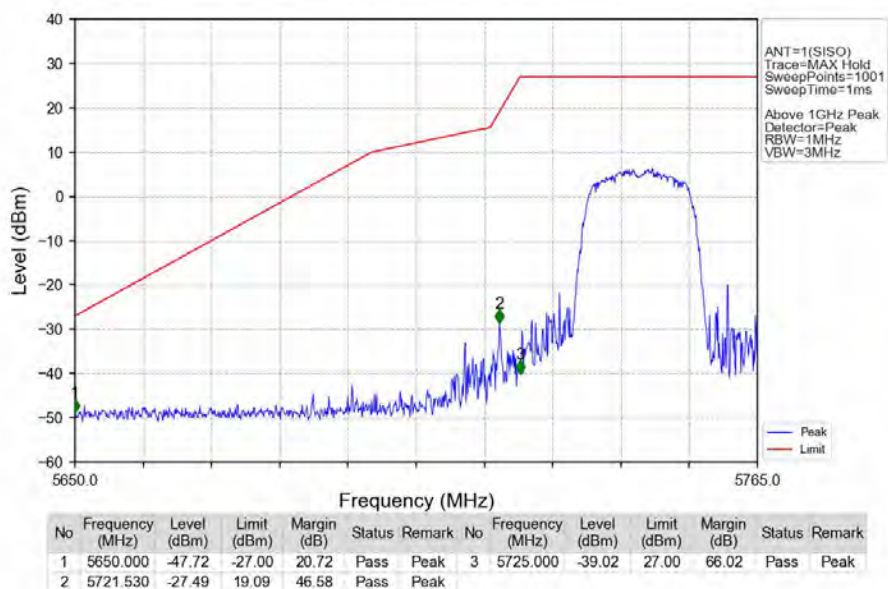
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5035.500	-47.84	-21.20	26.64	Pass	Peak	7	5035.500	-54.77	-41.20	13.57	Pass	AVG
2	5058.500	-46.41	-21.20	25.21	Pass	Peak	8	5058.500	-54.79	-41.20	13.59	Pass	AVG
3	5085.000	-45.43	-21.20	24.23	Pass	Peak	9	5085.000	-53.96	-41.20	12.76	Pass	AVG
4	5106.000	-44.91	-21.20	23.71	Pass	Peak	10	5106.000	-53.54	-41.20	12.34	Pass	AVG
5	5129.000	-44.91	-21.20	23.71	Pass	Peak	11	5129.000	-53.47	-41.20	12.27	Pass	AVG
6	5150.000	-43.01	-21.20	21.81	Pass	Peak	12	5150.000	-51.76	-41.20	10.56	Pass	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

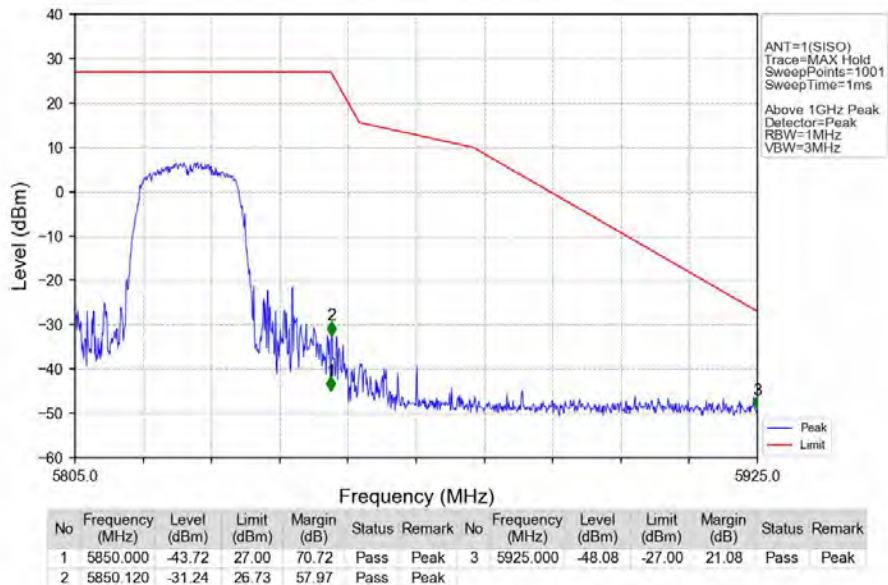


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5351.040	-47.44	-21.20	26.24	Pass	Peak	7	5351.040	-55.78	-41.20	14.58	Pass	AVG
2	5366.640	-48.04	-21.20	26.84	Pass	Peak	8	5366.640	-55.94	-41.20	14.74	Pass	AVG
3	5377.440	-49.05	-21.20	27.85	Pass	Peak	9	5377.440	-55.70	-41.20	14.50	Pass	AVG
4	5424.960	-47.61	-21.20	26.41	Pass	Peak	10	5424.960	-56.00	-41.20	14.80	Pass	AVG
5	5444.640	-48.93	-21.20	27.73	Pass	Peak	11	5444.640	-55.96	-41.20	14.76	Pass	AVG
6	5456.160	-48.65	-21.20	27.45	Pass	Peak	12	5456.160	-55.79	-41.20	14.59	Pass	AVG

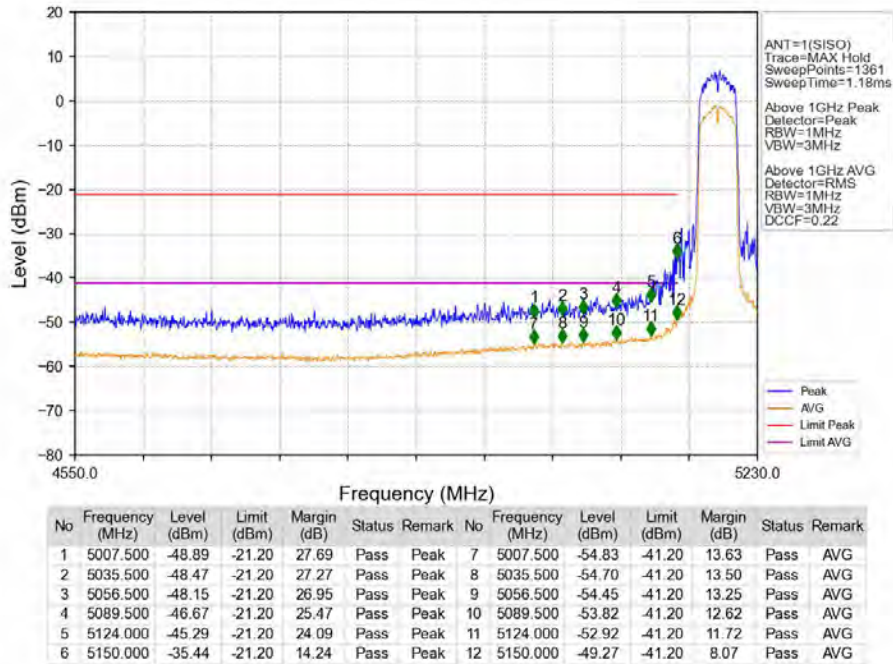
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



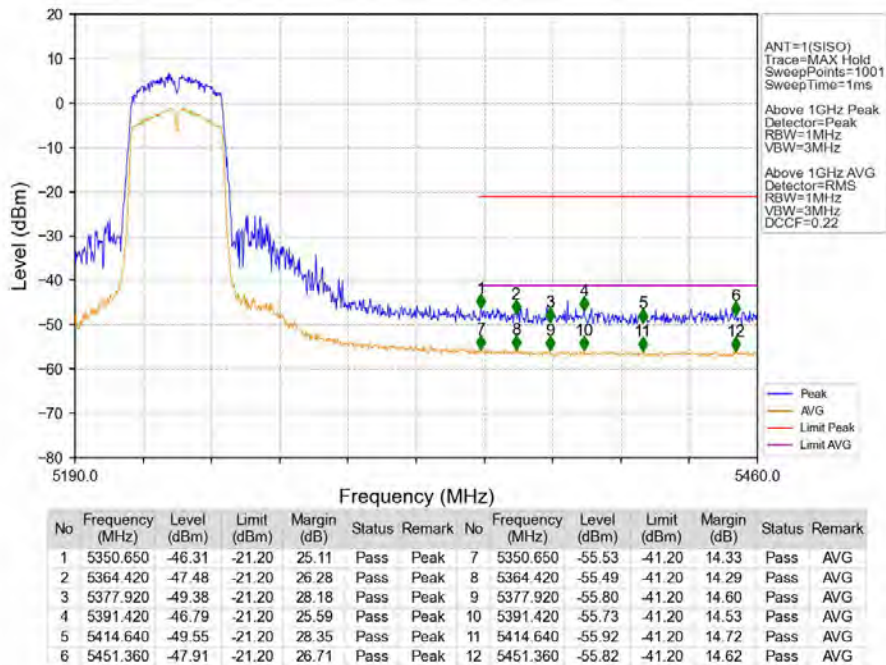
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



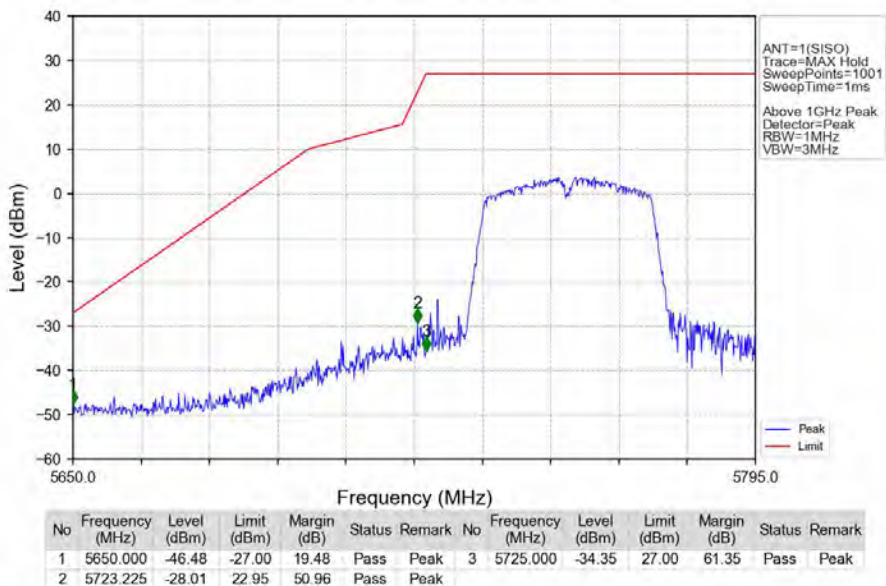
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



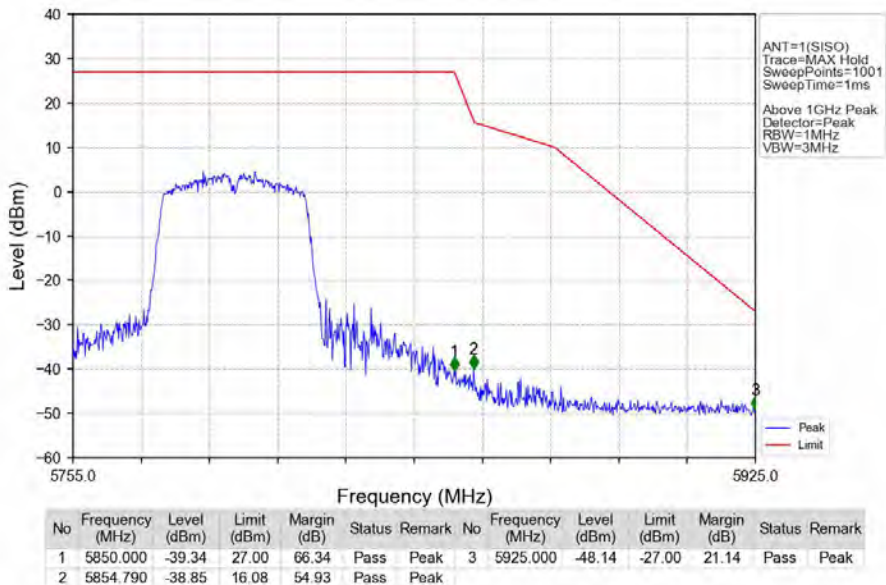
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



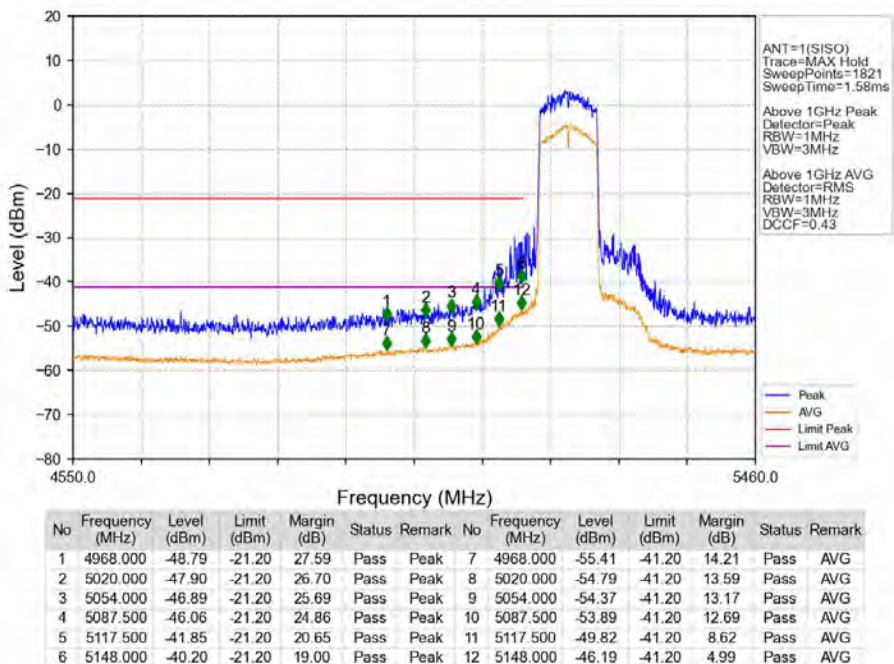
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



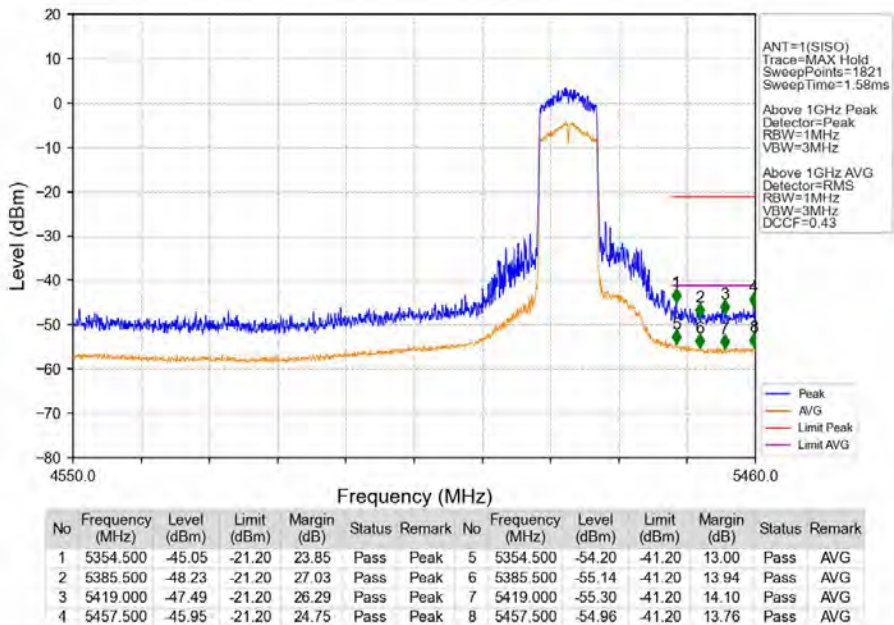
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



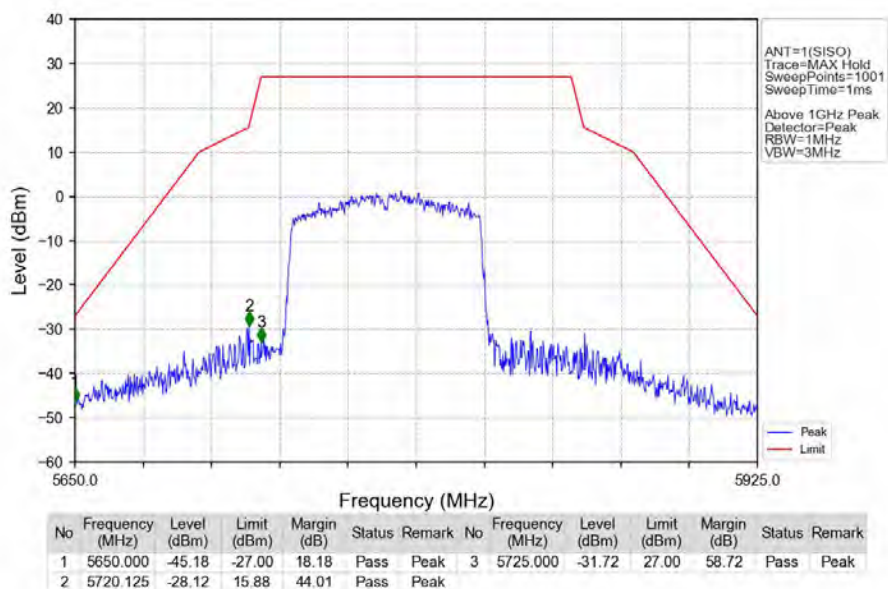
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



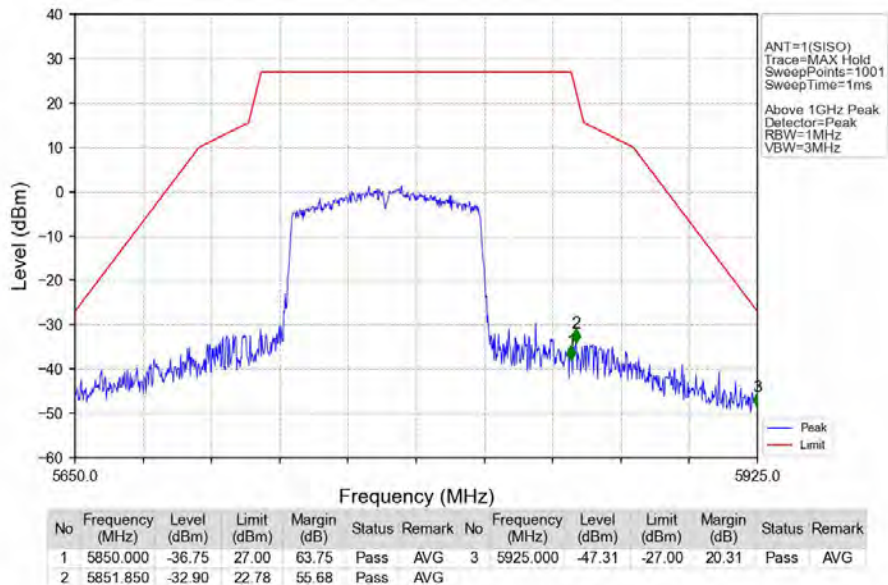
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



6. Frequency Stability

6.1 Test Result

6.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5180	20	102	5179.999	5150 to 5250	Pass
				120	5179.999	5150 to 5250	Pass
				138	5179.999	5150 to 5250	Pass
			-30	120	5179.999	5150 to 5250	Pass
			-20	120	5179.999	5150 to 5250	Pass
			-10	120	5179.999	5150 to 5250	Pass
			0	120	5179.999	5150 to 5250	Pass
			10	120	5179.999	5150 to 5250	Pass
			30	120	5179.999	5150 to 5250	Pass
			40	120	5179.999	5150 to 5250	Pass
			50	120	5179.999	5150 to 5250	Pass
		5200	20	102	5200.140	5150 to 5250	Pass
				120	5200.312	5150 to 5250	Pass
				138	5200.081	5150 to 5250	Pass
			-30	120	5200.094	5150 to 5250	Pass
			-20	120	5200.270	5150 to 5250	Pass
			-10	120	5199.571	5150 to 5250	Pass
			0	120	5199.659	5150 to 5250	Pass
			10	120	5199.858	5150 to 5250	Pass
			30	120	5199.922	5150 to 5250	Pass
			40	120	5200.153	5150 to 5250	Pass
			50	120	5199.824	5150 to 5250	Pass
		5240	20	102	5239.999	5150 to 5250	Pass
				120	5239.999	5150 to 5250	Pass
				138	5239.999	5150 to 5250	Pass
			-30	120	5239.999	5150 to 5250	Pass
			-20	120	5239.999	5150 to 5250	Pass
			-10	120	5239.999	5150 to 5250	Pass
			0	120	5239.999	5150 to 5250	Pass
			10	120	5239.999	5150 to 5250	Pass
			30	120	5239.999	5150 to 5250	Pass
			40	120	5239.999	5150 to 5250	Pass
			50	120	5239.999	5150 to 5250	Pass
		5745	20	102	5744.999	5725 to 5850	Pass
				120	5744.998	5725 to 5850	Pass
				138	5744.999	5725 to 5850	Pass
			-30	120	5744.999	5725 to 5850	Pass
			-20	120	5744.999	5725 to 5850	Pass
			-10	120	5744.999	5725 to 5850	Pass
			0	120	5744.998	5725 to 5850	Pass
			10	120	5744.998	5725 to 5850	Pass
			30	120	5744.999	5725 to 5850	Pass

			40	120	5744.998	5725 to 5850	Pass
			50	120	5744.998	5725 to 5850	Pass
		5785	20	102	5784.999	5725 to 5850	Pass
				120	5784.998	5725 to 5850	Pass
				138	5784.999	5725 to 5850	Pass
			-30	120	5784.999	5725 to 5850	Pass
			-20	120	5784.999	5725 to 5850	Pass
			-10	120	5784.999	5725 to 5850	Pass
			0	120	5784.999	5725 to 5850	Pass
			10	120	5784.999	5725 to 5850	Pass
			30	120	5784.999	5725 to 5850	Pass
			40	120	5784.999	5725 to 5850	Pass
			50	120	5784.999	5725 to 5850	Pass
		5825	20	102	5824.999	5725 to 5850	Pass
				120	5824.999	5725 to 5850	Pass
				138	5824.999	5725 to 5850	Pass
			-30	120	5824.999	5725 to 5850	Pass
			-20	120	5824.999	5725 to 5850	Pass
			-10	120	5824.999	5725 to 5850	Pass
			0	120	5824.999	5725 to 5850	Pass
			10	120	5824.999	5725 to 5850	Pass
			30	120	5824.999	5725 to 5850	Pass
			40	120	5824.998	5725 to 5850	Pass
			50	120	5824.999	5725 to 5850	Pass
		5190	20	102	5189.999	5150 to 5250	Pass
				120	5189.999	5150 to 5250	Pass
				138	5189.999	5150 to 5250	Pass
			-30	120	5189.999	5150 to 5250	Pass
			-20	120	5189.999	5150 to 5250	Pass
			-10	120	5189.999	5150 to 5250	Pass
			0	120	5189.999	5150 to 5250	Pass
			10	120	5189.999	5150 to 5250	Pass
			30	120	5189.999	5150 to 5250	Pass
			40	120	5189.999	5150 to 5250	Pass
			50	120	5189.999	5150 to 5250	Pass
		5230	20	102	5229.999	5150 to 5250	Pass
				120	5229.999	5150 to 5250	Pass
				138	5229.999	5150 to 5250	Pass
			-30	120	5229.999	5150 to 5250	Pass
			-20	120	5229.999	5150 to 5250	Pass
			-10	120	5229.999	5150 to 5250	Pass
			0	120	5229.999	5150 to 5250	Pass
			10	120	5229.999	5150 to 5250	Pass
			30	120	5229.999	5150 to 5250	Pass
			40	120	5229.999	5150 to 5250	Pass
			50	120	5229.999	5150 to 5250	Pass
		5755	20	102	5754.999	5725 to 5850	Pass
				120	5754.999	5725 to 5850	Pass
				138	5754.999	5725 to 5850	Pass
			-30	120	5754.999	5725 to 5850	Pass
			-20	120	5754.999	5725 to 5850	Pass
			-10	120	5754.999	5725 to 5850	Pass

			0	120	5754.999	5725 to 5850	Pass
			10	120	5754.999	5725 to 5850	Pass
			30	120	5754.999	5725 to 5850	Pass
			40	120	5754.998	5725 to 5850	Pass
			50	120	5754.999	5725 to 5850	Pass
		5795	20	102	5794.998	5725 to 5850	Pass
				120	5794.999	5725 to 5850	Pass
				138	5794.998	5725 to 5850	Pass
			-30	120	5794.999	5725 to 5850	Pass
			-20	120	5794.999	5725 to 5850	Pass
			-10	120	5794.998	5725 to 5850	Pass
			0	120	5794.999	5725 to 5850	Pass
			10	120	5794.999	5725 to 5850	Pass
			30	120	5794.999	5725 to 5850	Pass
			40	120	5794.998	5725 to 5850	Pass
			50	120	5794.998	5725 to 5850	Pass
		5210	20	102	5209.999	5150 to 5250	Pass
				120	5209.999	5150 to 5250	Pass
				138	5209.999	5150 to 5250	Pass
			-30	120	5209.999	5150 to 5250	Pass
			-20	120	5209.998	5150 to 5250	Pass
			-10	120	5209.999	5150 to 5250	Pass
			0	120	5209.999	5150 to 5250	Pass
			10	120	5209.999	5150 to 5250	Pass
			30	120	5209.999	5150 to 5250	Pass
			40	120	5209.999	5150 to 5250	Pass
			50	120	5209.999	5150 to 5250	Pass
		5775	20	102	5774.999	5725 to 5850	Pass
				120	5774.999	5725 to 5850	Pass
				138	5774.999	5725 to 5850	Pass
			-30	120	5774.999	5725 to 5850	Pass
			-20	120	5774.999	5725 to 5850	Pass
			-10	120	5774.999	5725 to 5850	Pass
			0	120	5774.999	5725 to 5850	Pass
			10	120	5774.998	5725 to 5850	Pass
			30	120	5774.999	5725 to 5850	Pass
			40	120	5774.999	5725 to 5850	Pass
			50	120	5774.999	5725 to 5850	Pass

----- End of Report -----