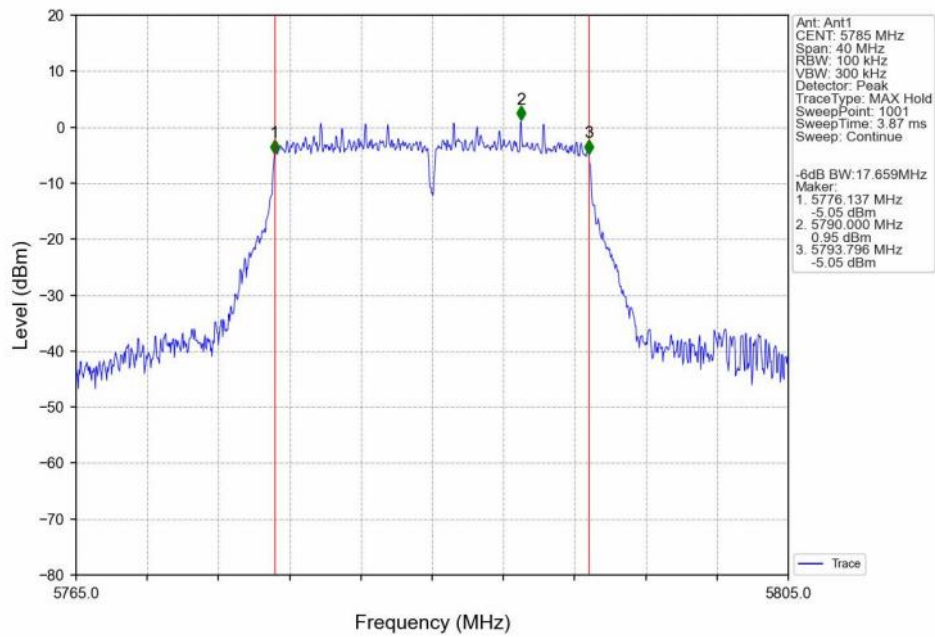
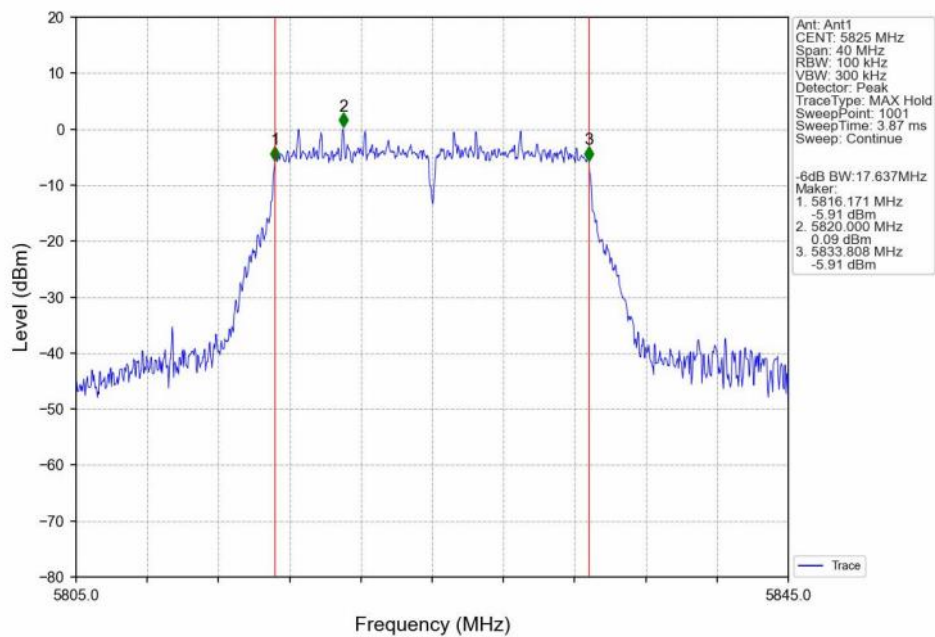


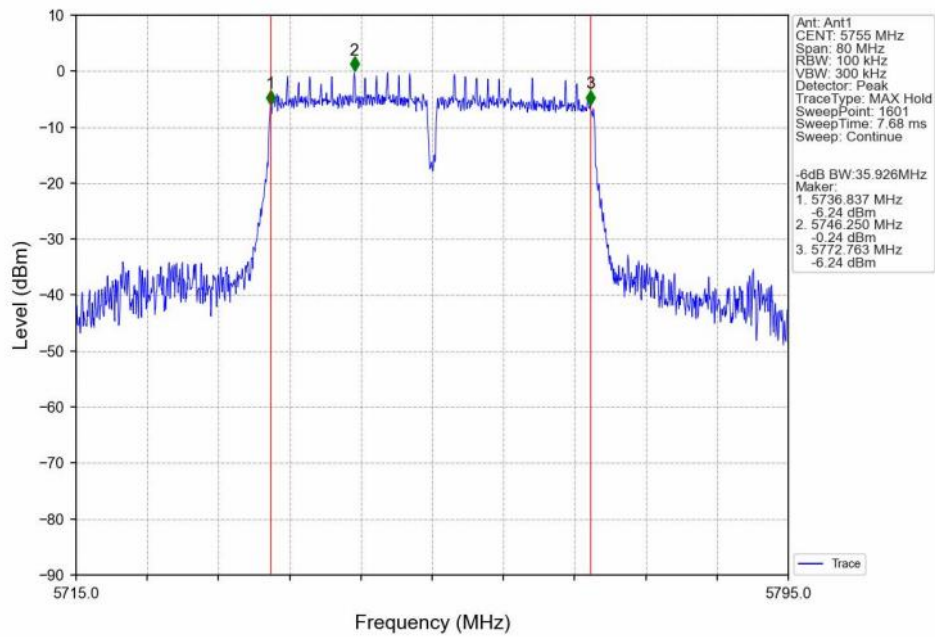
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



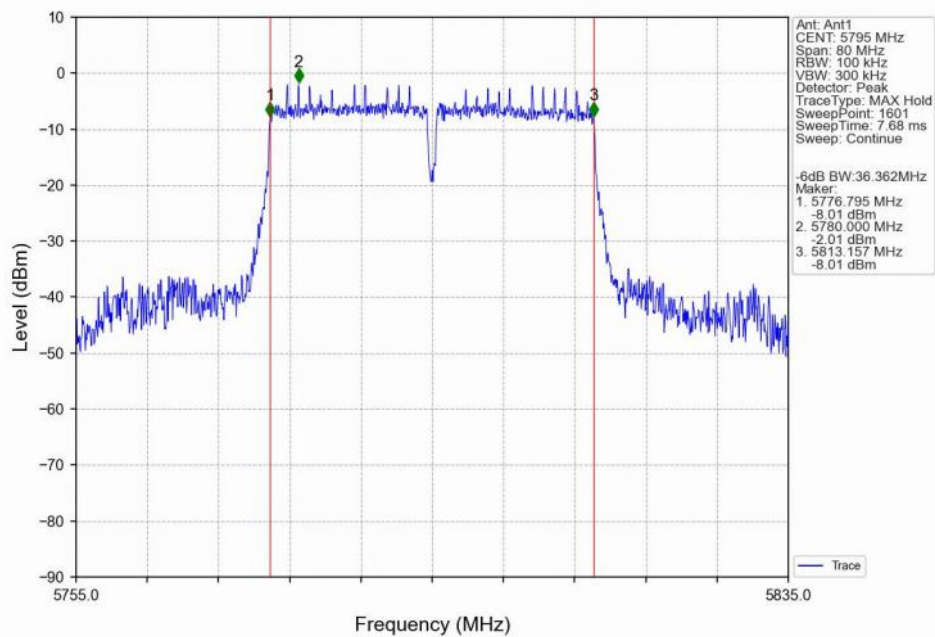
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



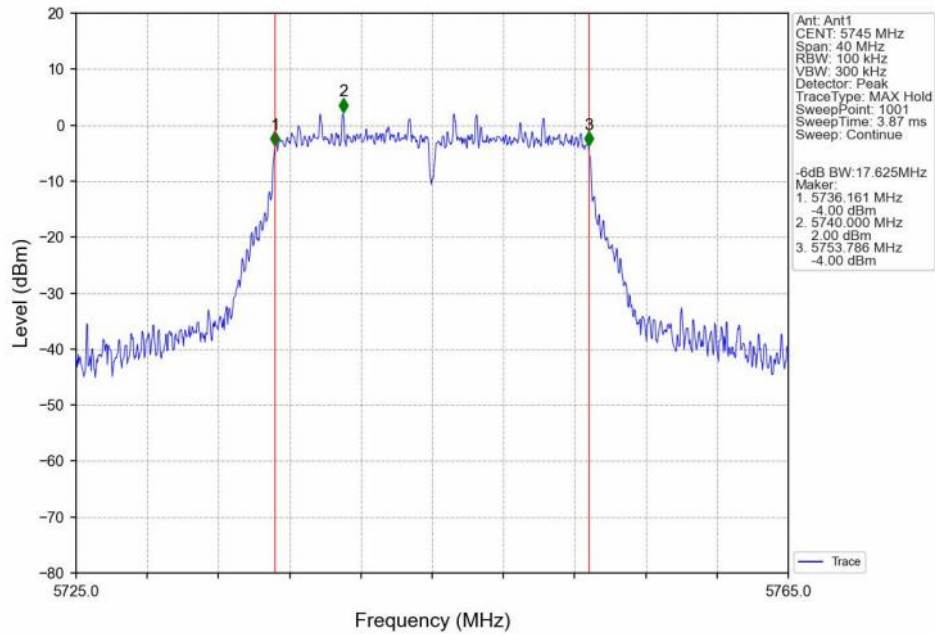
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



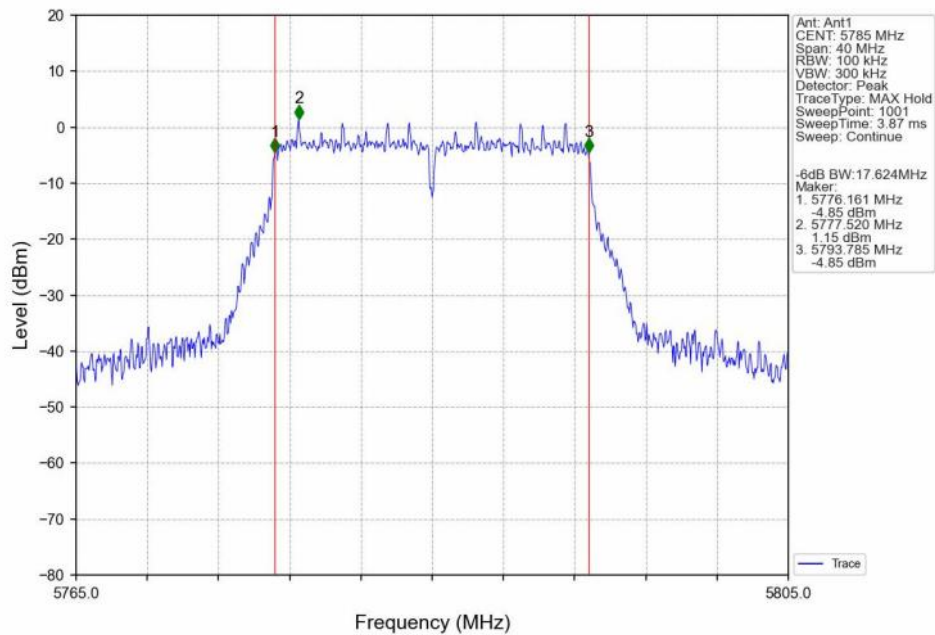
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



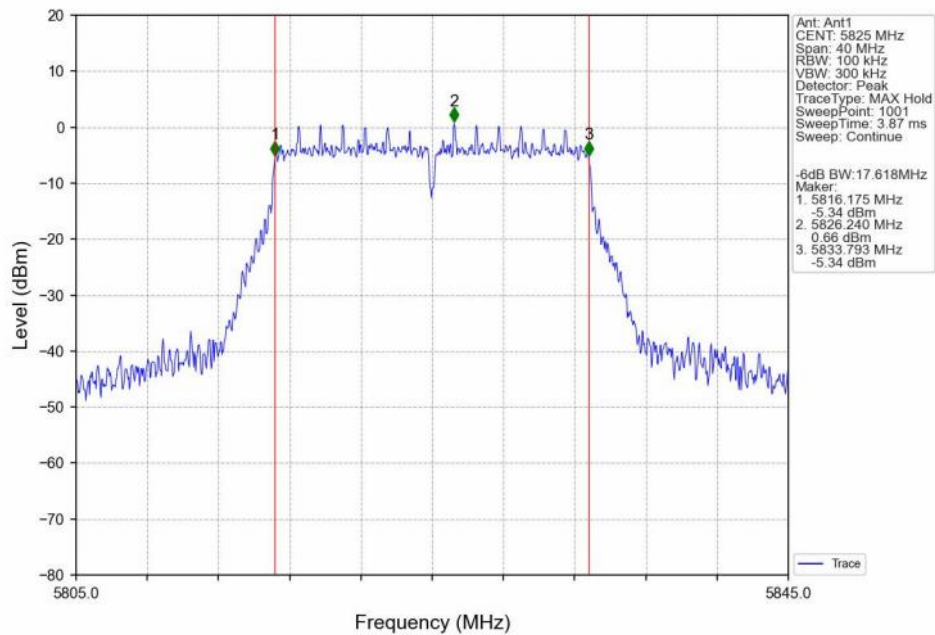
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



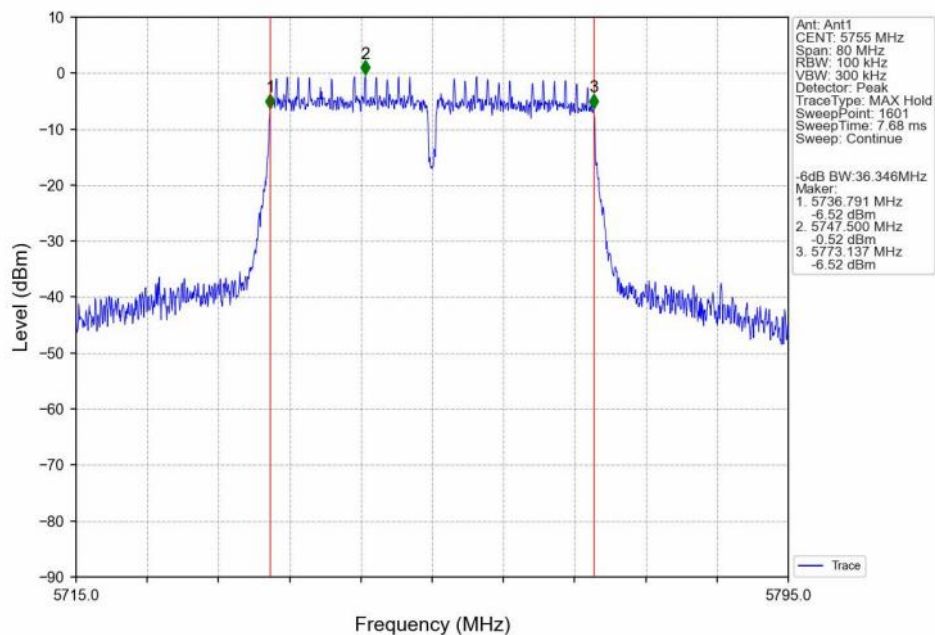
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



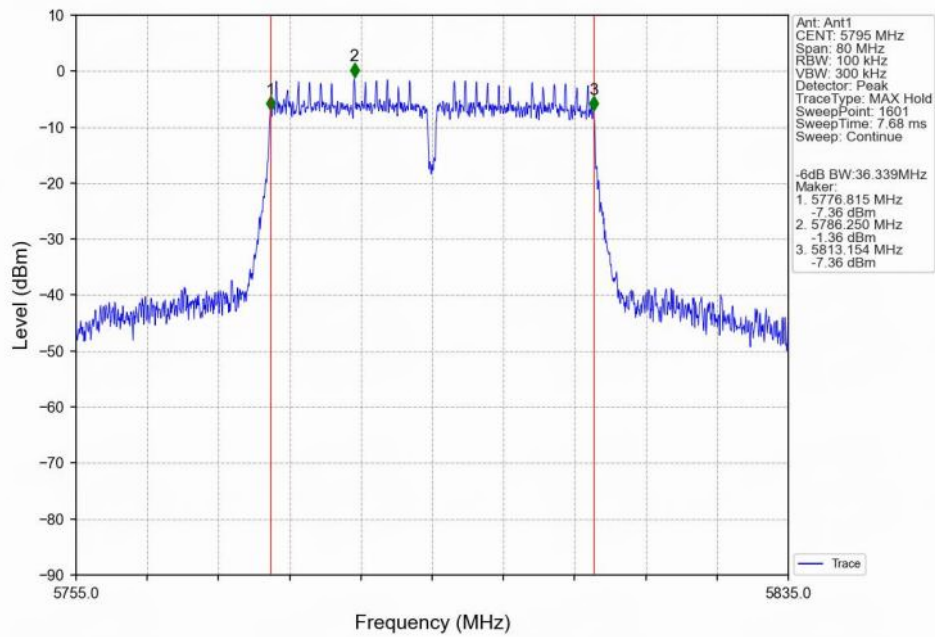
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



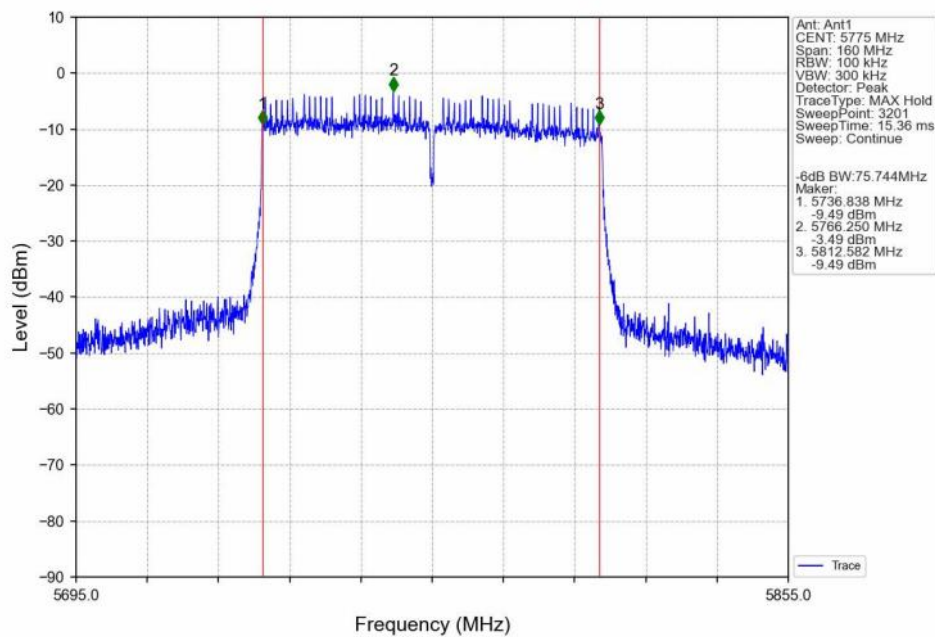
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



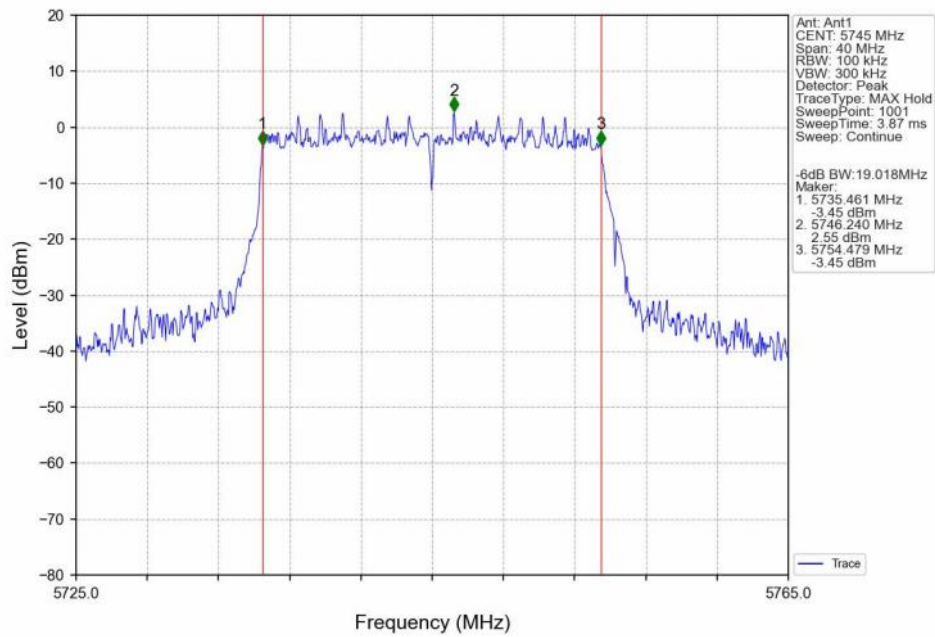
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



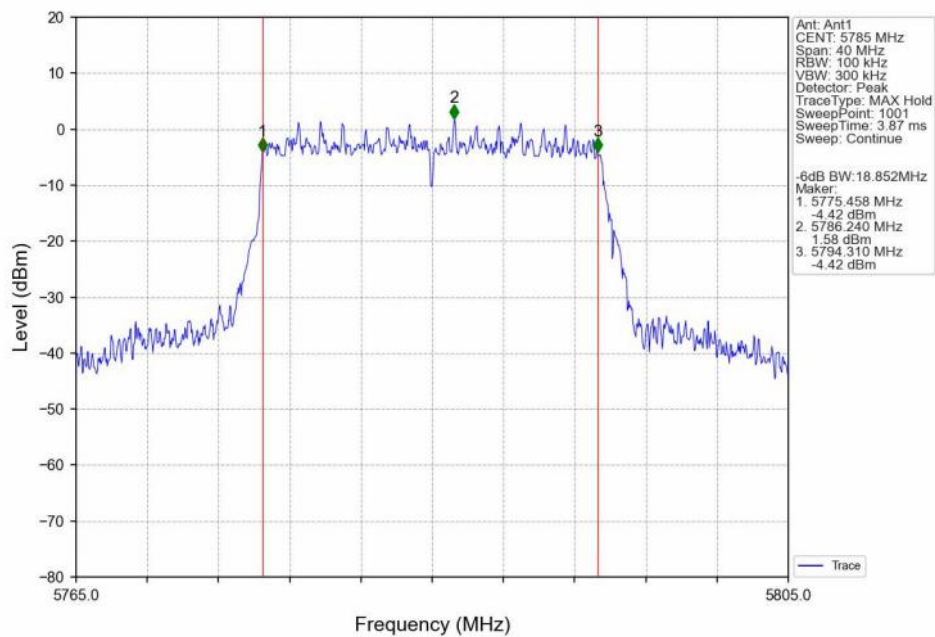
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



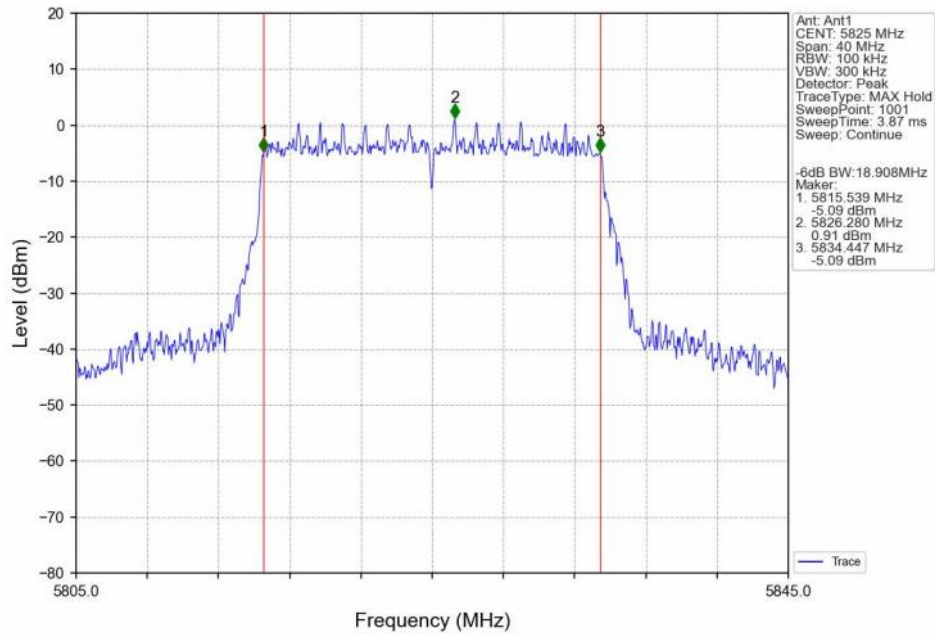
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



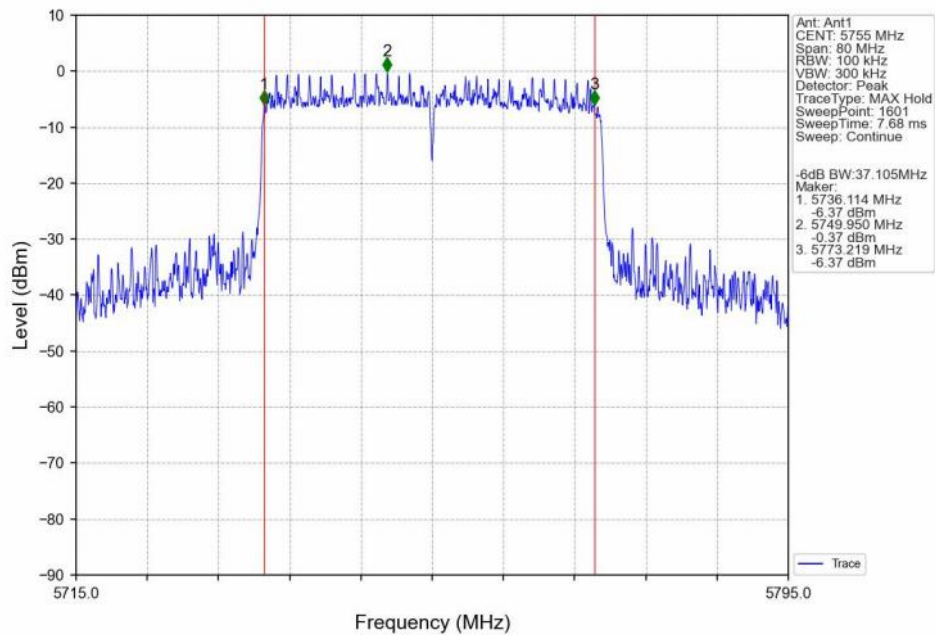
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



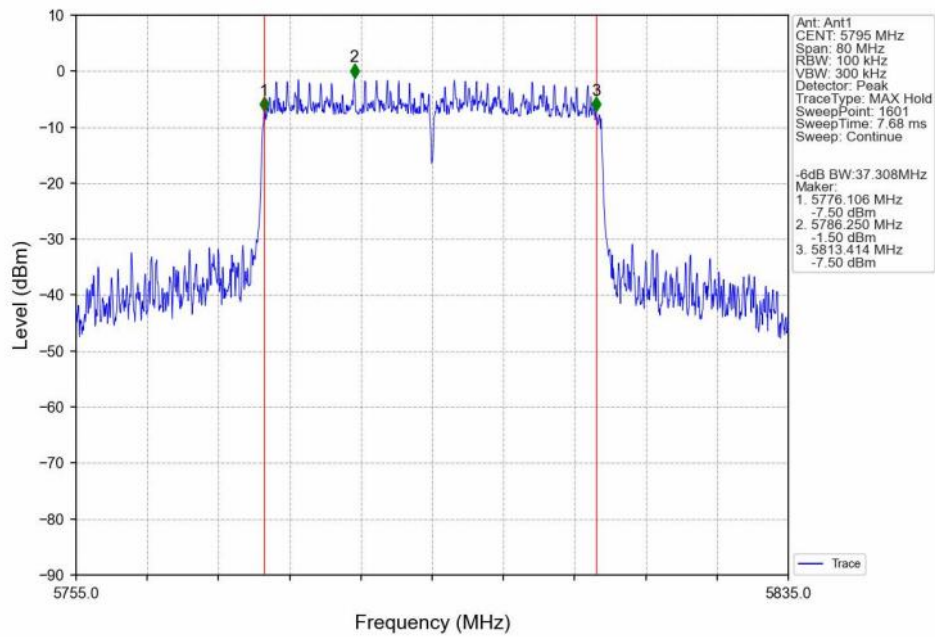
802.11ax(HEW20)_HCH_5825MHz_SU / _Ant1_NTNV



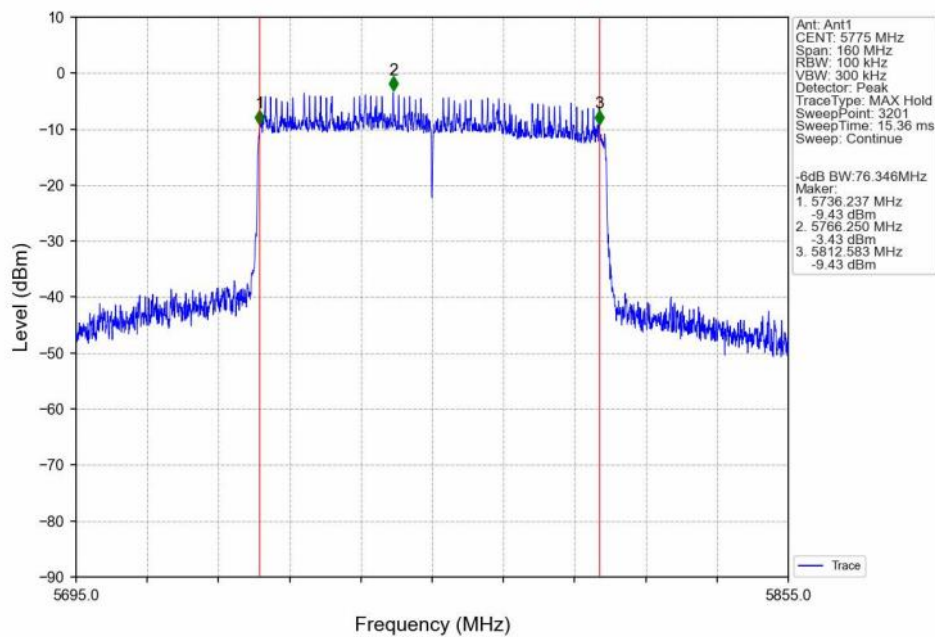
802.11ax(HEW40)_LCH_5755MHz_SU / _Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

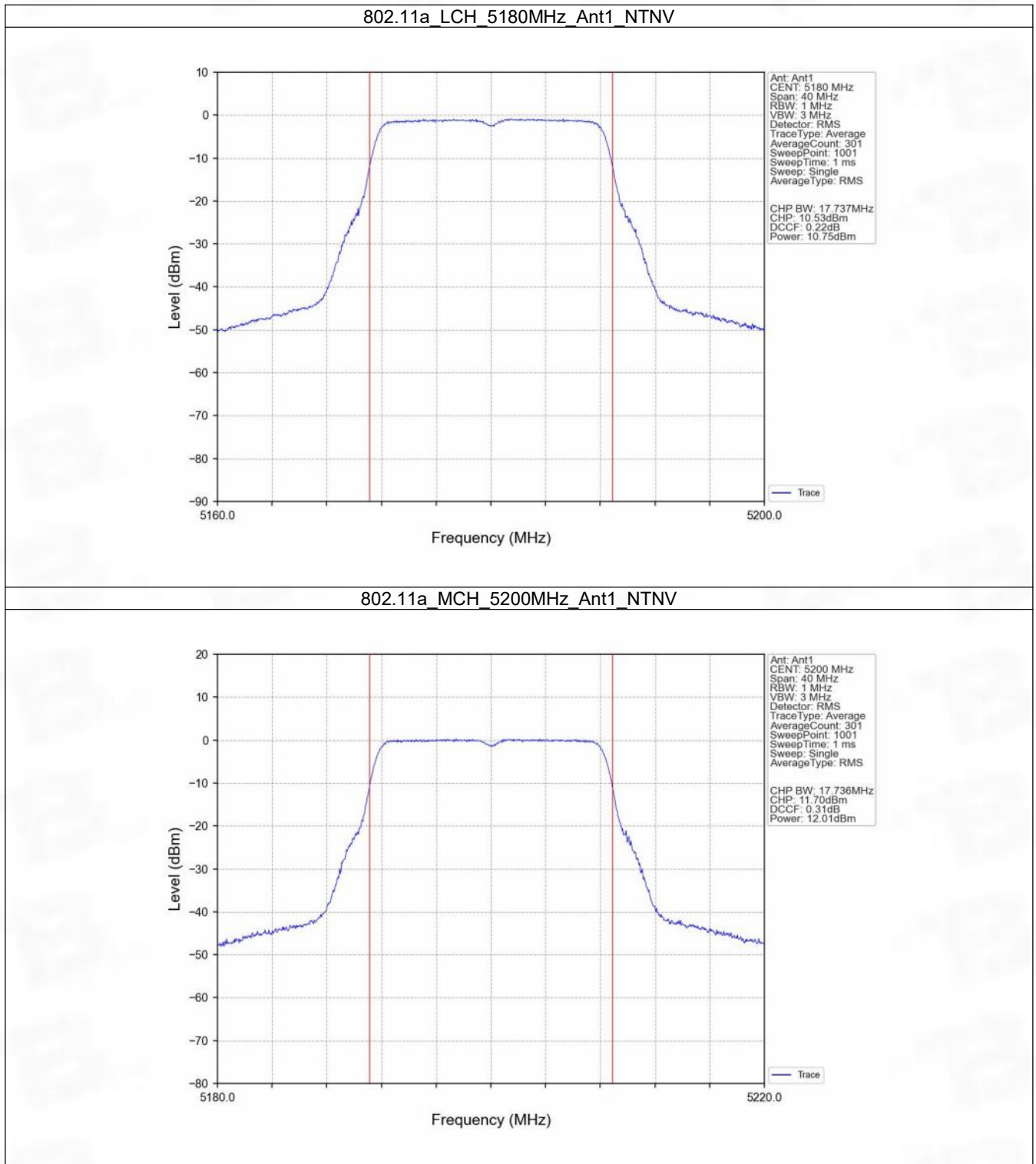
3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	10.75	≤ 23.98	Pass
		5200	/	/	12.01	≤ 23.98	Pass
		5240	/	/	12.51	≤ 23.98	Pass
		5745	/	/	13.98	≤ 30	Pass
		5785	/	/	12.85	≤ 30	Pass
		5825	/	/	11.02	≤ 30	Pass
802.11n (HT20)	SISO	5180	/	/	12.37	≤ 23.98	Pass
		5200	/	/	12.04	≤ 23.98	Pass
		5240	/	/	12.58	≤ 23.98	Pass
		5745	/	/	13.94	≤ 30	Pass
		5785	/	/	12.76	≤ 30	Pass
		5825	/	/	11.77	≤ 30	Pass
802.11n (HT40)	SISO	5190	/	/	12.54	≤ 23.98	Pass
		5230	/	/	12.28	≤ 23.98	Pass
		5755	/	/	13.89	≤ 30	Pass
		5795	/	/	12.88	≤ 30	Pass
802.11ac (VHT20)	SISO	5180	/	/	12.47	≤ 23.98	Pass
		5200	/	/	12.18	≤ 23.98	Pass
		5240	/	/	12.65	≤ 23.98	Pass
		5745	/	/	13.80	≤ 30	Pass
		5785	/	/	12.85	≤ 30	Pass
		5825	/	/	12.12	≤ 30	Pass
802.11ac (VHT40)	SISO	5190	/	/	12.74	≤ 23.98	Pass
		5230	/	/	12.54	≤ 23.98	Pass
		5755	/	/	14.02	≤ 30	Pass
		5795	/	/	13.14	≤ 30	Pass
802.11ac (VHT80)	SISO	5210	/	/	13.11	≤ 23.98	Pass
		5775	/	/	14.10	≤ 30	Pass
802.11ax (HEW20)	SISO	5180	SU	/	12.62	≤ 23.98	Pass
		5200	SU	/	12.51	≤ 23.98	Pass
		5240	SU	/	13.03	≤ 23.98	Pass
		5745	SU	/	14.32	≤ 30	Pass
		5785	SU	/	13.12	≤ 30	Pass
		5825	SU	/	12.55	≤ 30	Pass
802.11ax (HEW40)	SISO	5190	SU	/	13.03	≤ 23.98	Pass
		5230	SU	/	12.75	≤ 23.98	Pass
		5755	SU	/	14.39	≤ 30	Pass
		5795	SU	/	13.48	≤ 30	Pass
802.11ax (HEW80)	SISO	5210	SU	/	13.23	≤ 23.98	Pass
		5775	SU	/	14.35	≤ 30	Pass

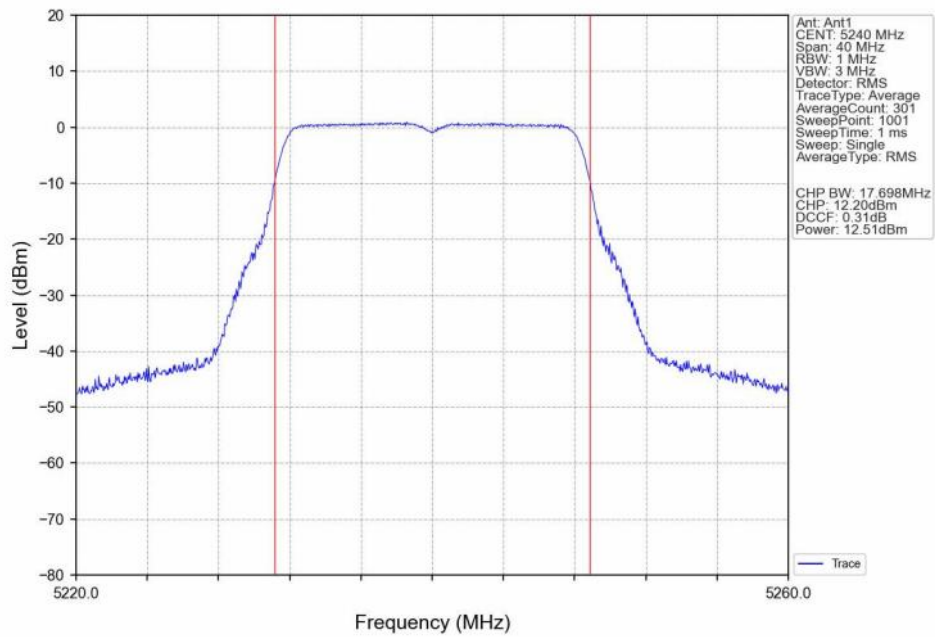
Note1: Antenna Gain:
- Band: 1 Ant1: 4.62dBi;
- Band: 3 Ant1: 4.62dBi;

3.2 Test Graph

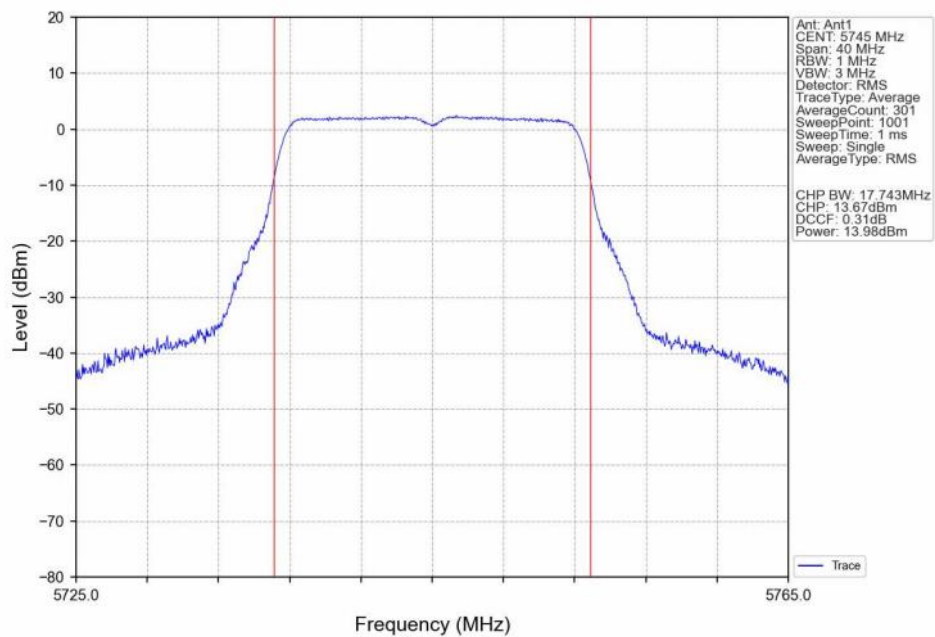
3.2.1 Power



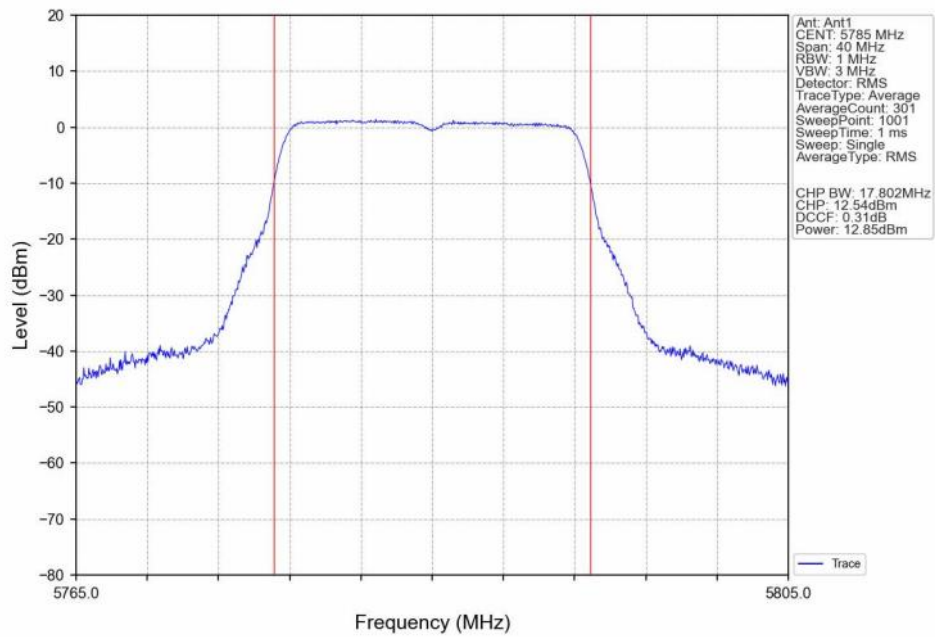
802.11a_HCH_5240MHz_Ant1_NTNV



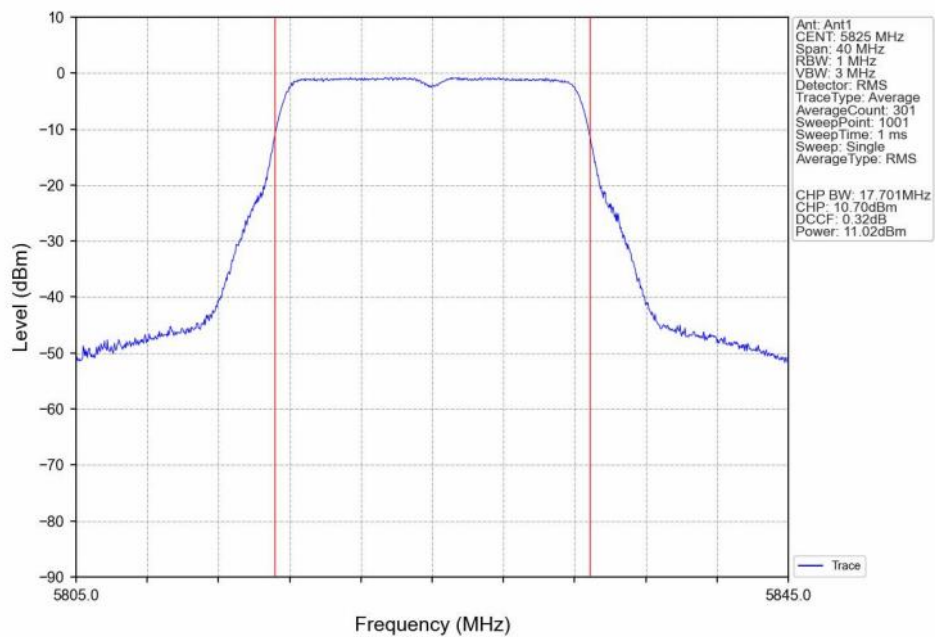
802.11a_LCH_5745MHz_Ant1_NTNV



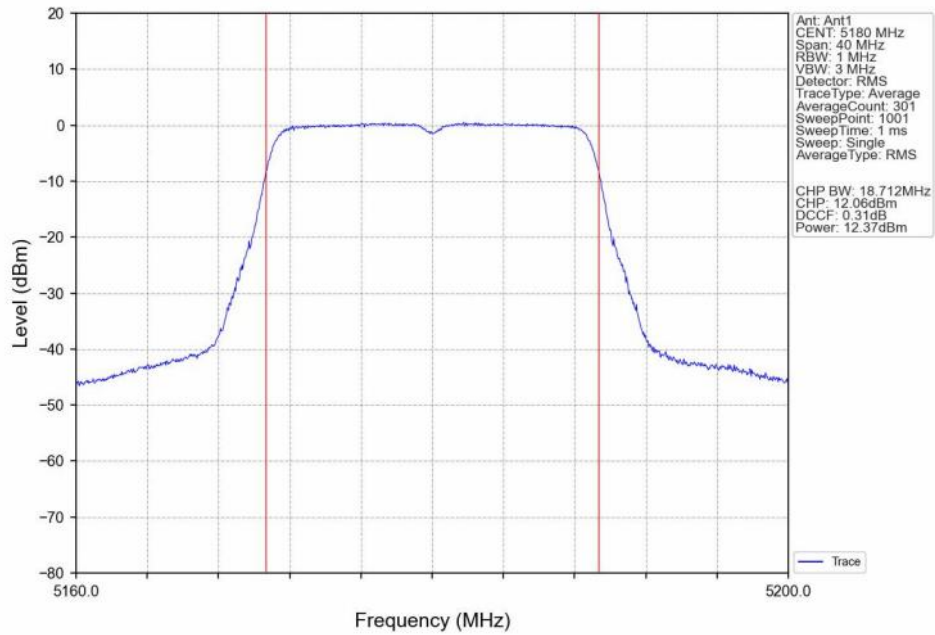
802.11a_MCH_5785MHz_Ant1_NTNV



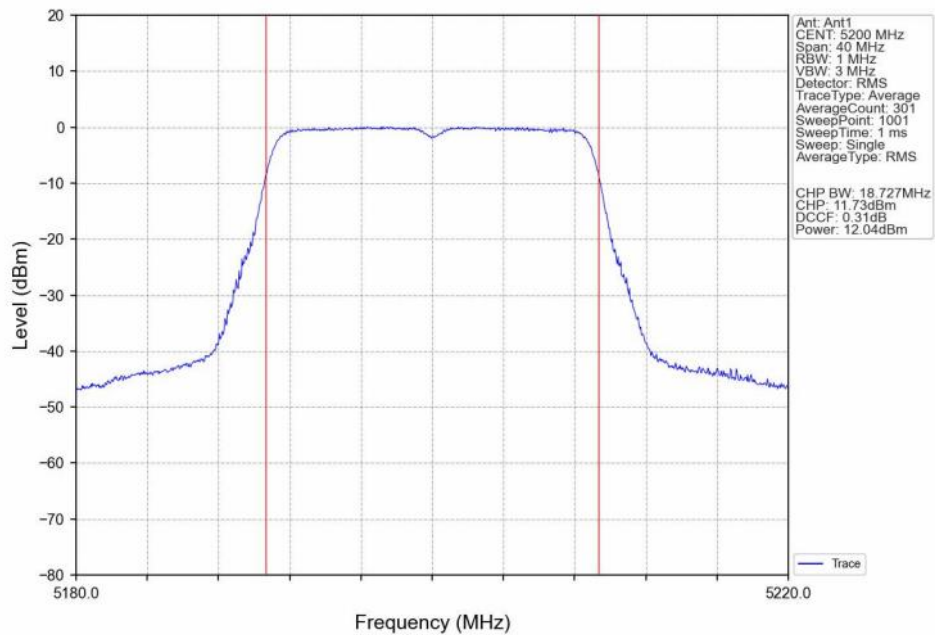
802.11a_HCH_5825MHz_Ant1_NTNV



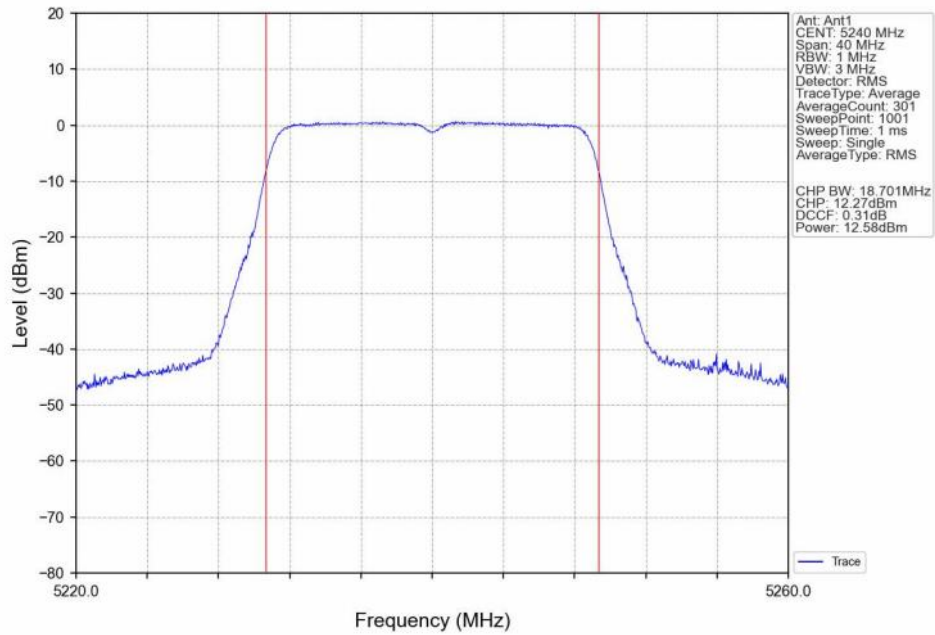
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



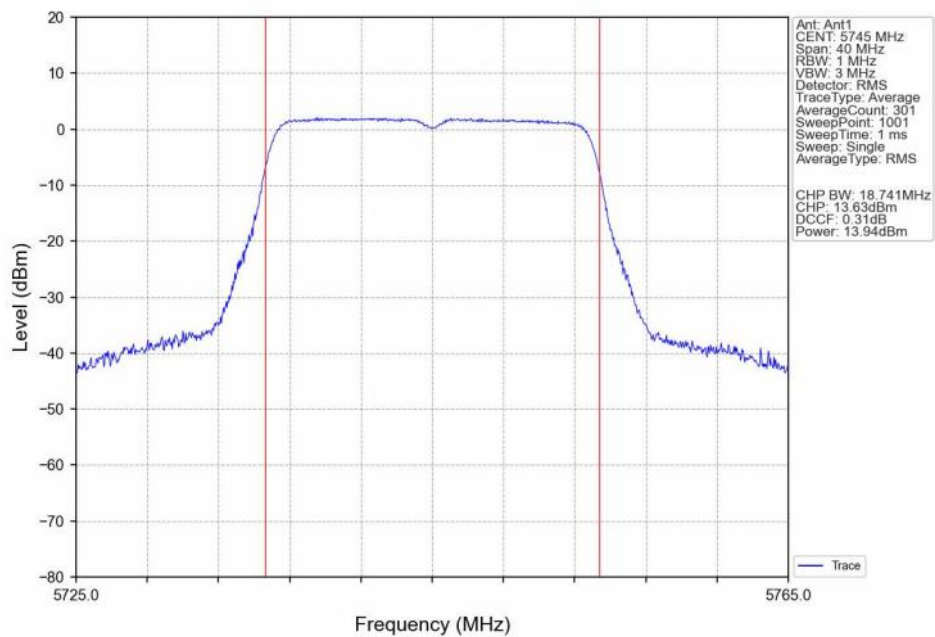
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



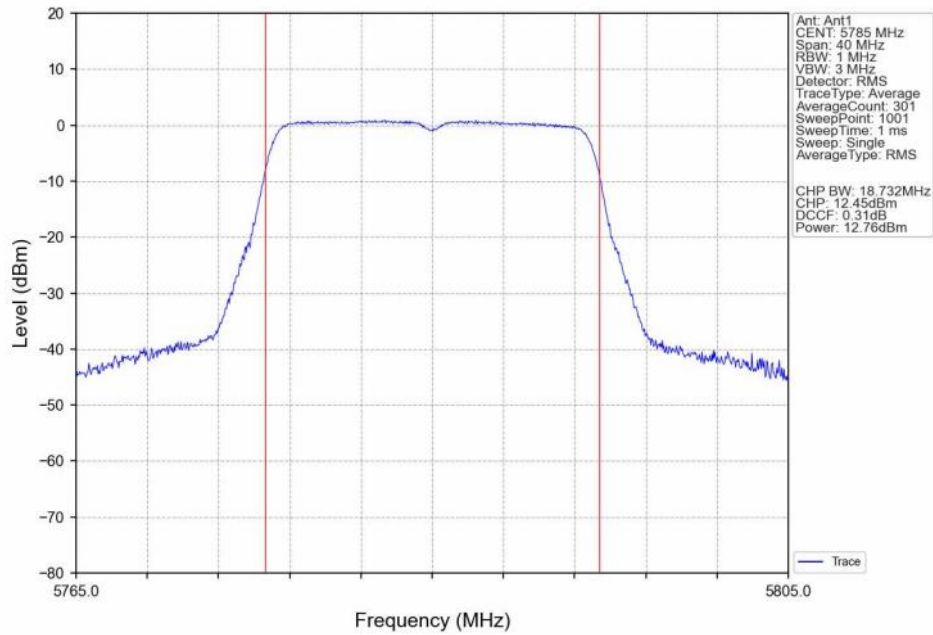
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



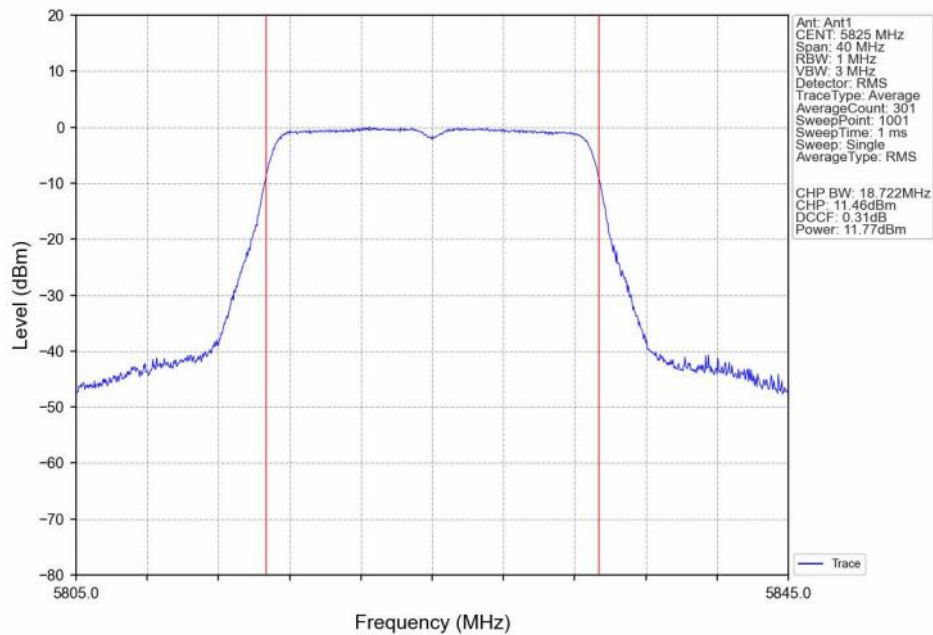
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



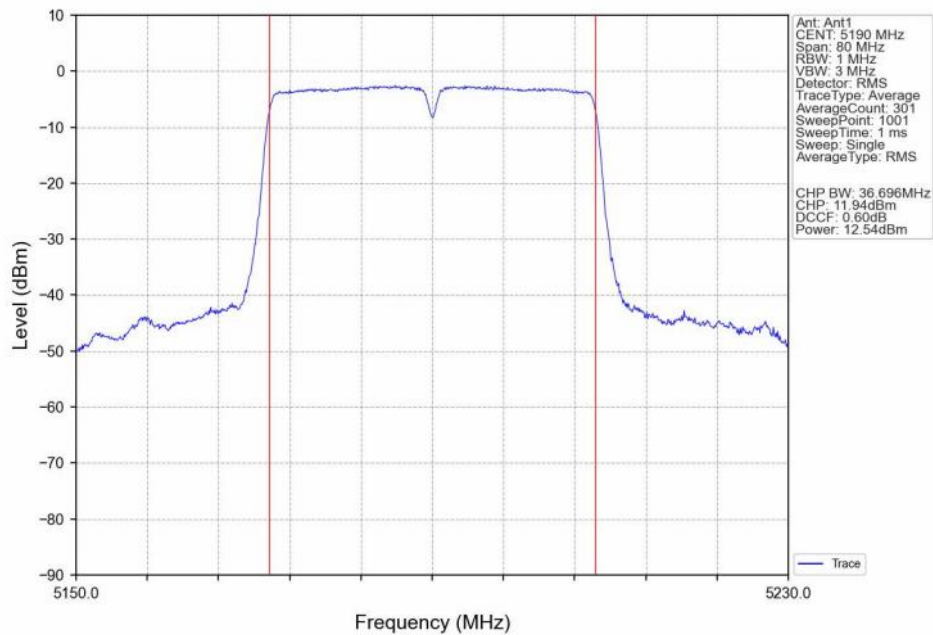
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



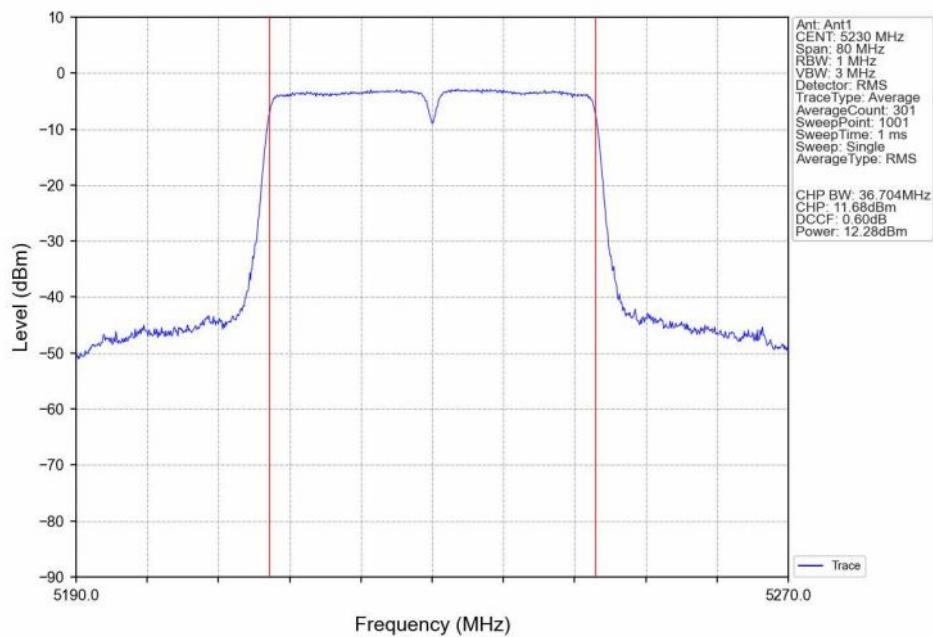
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



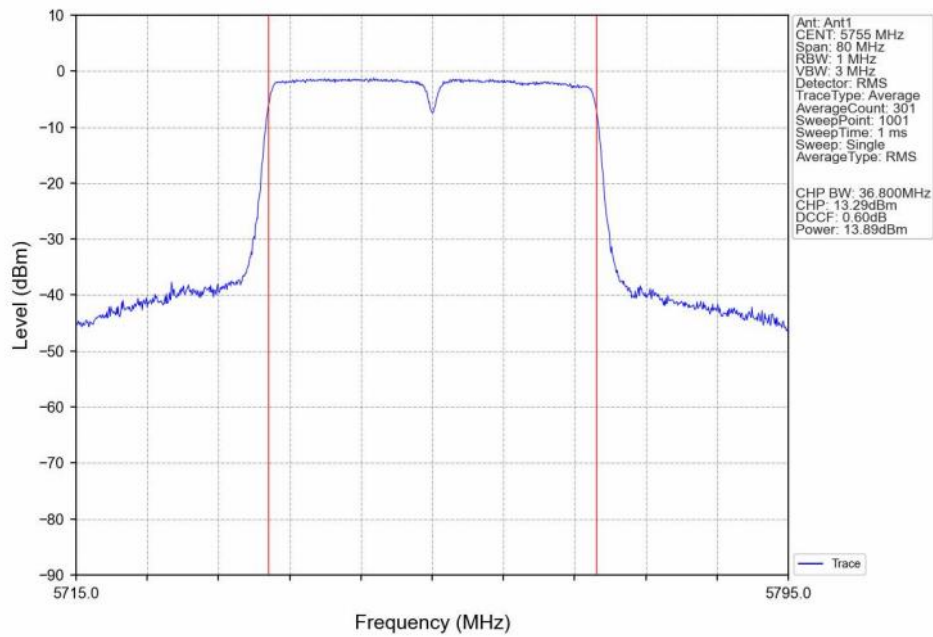
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



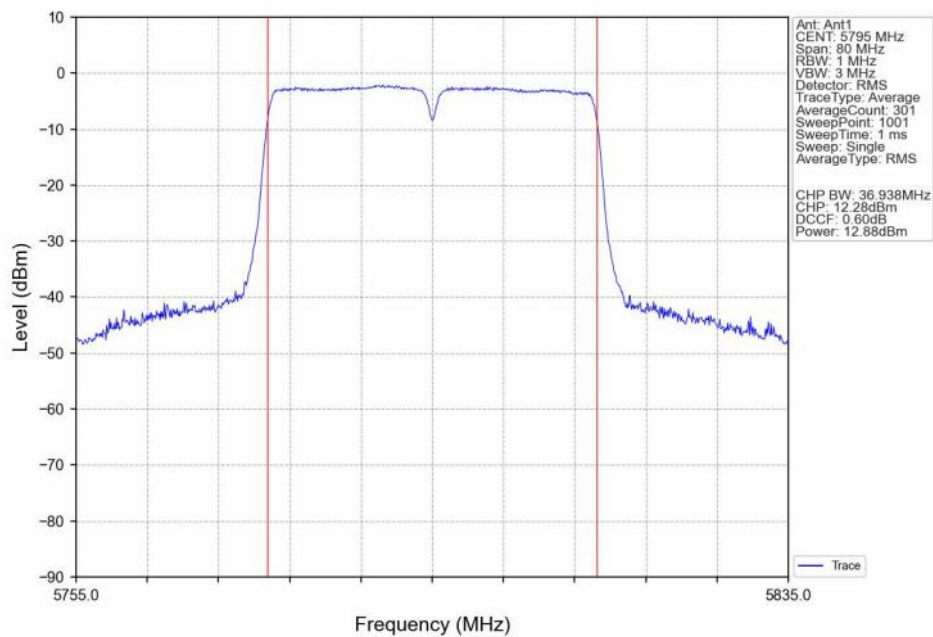
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



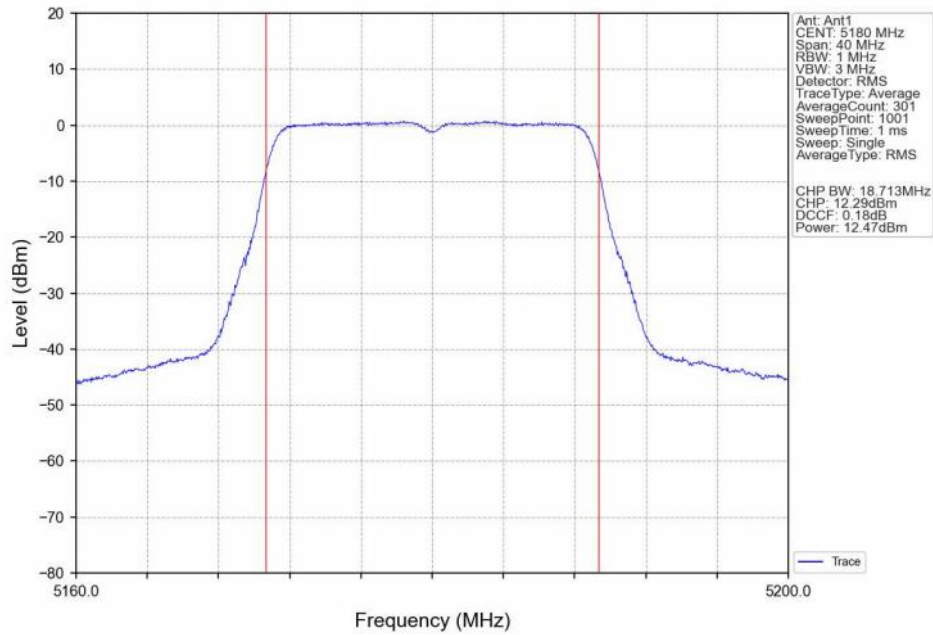
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



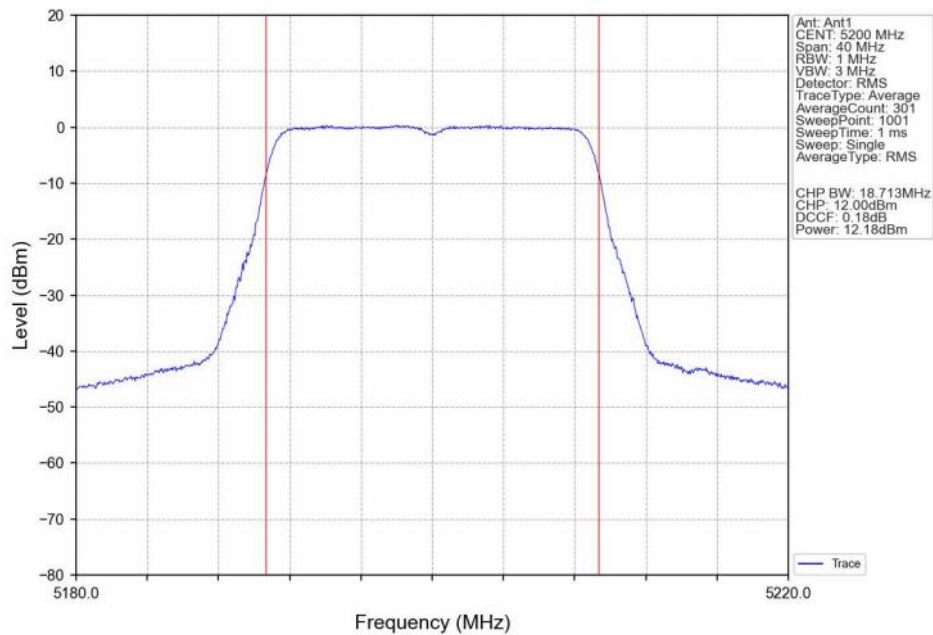
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



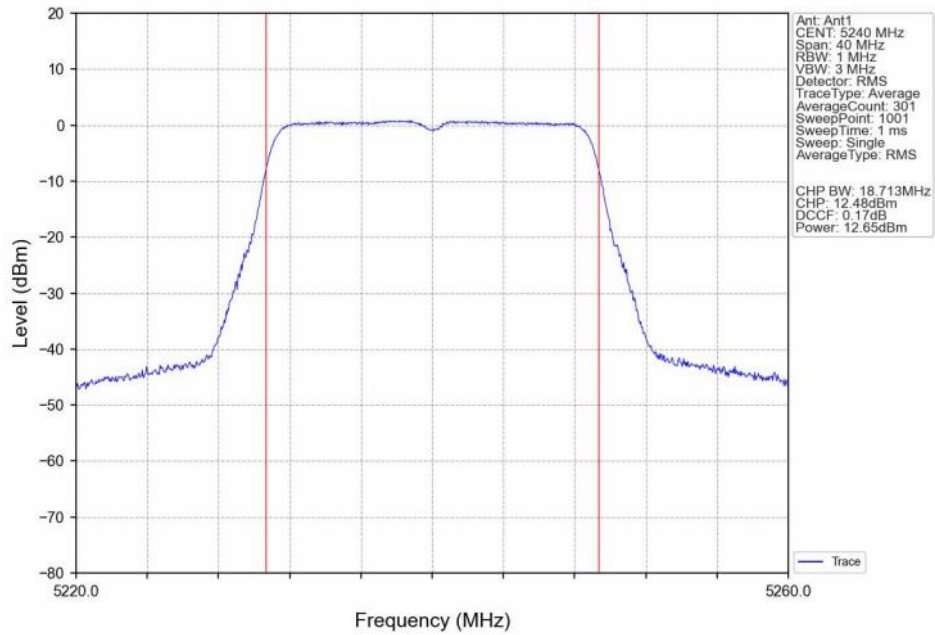
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



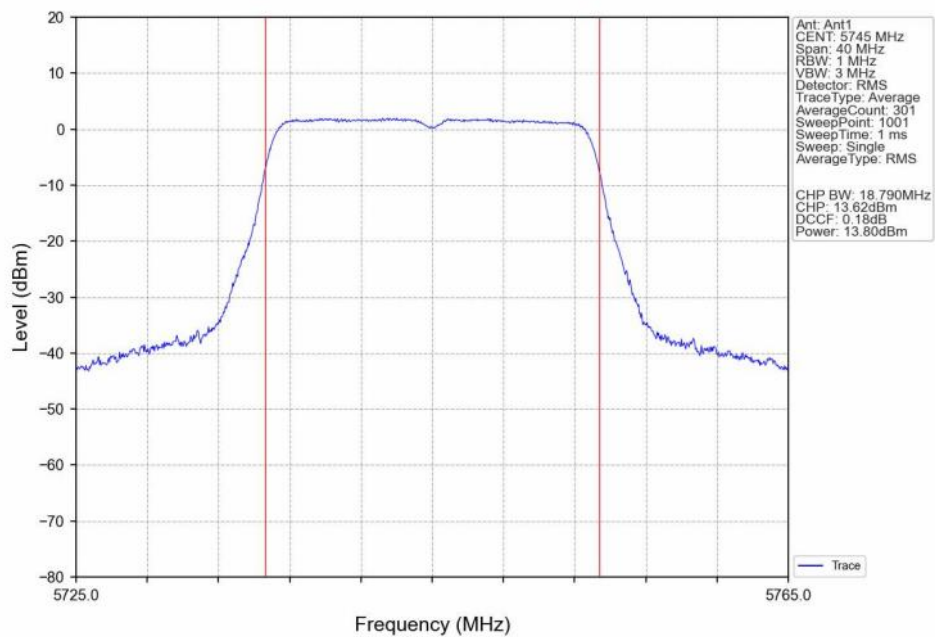
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



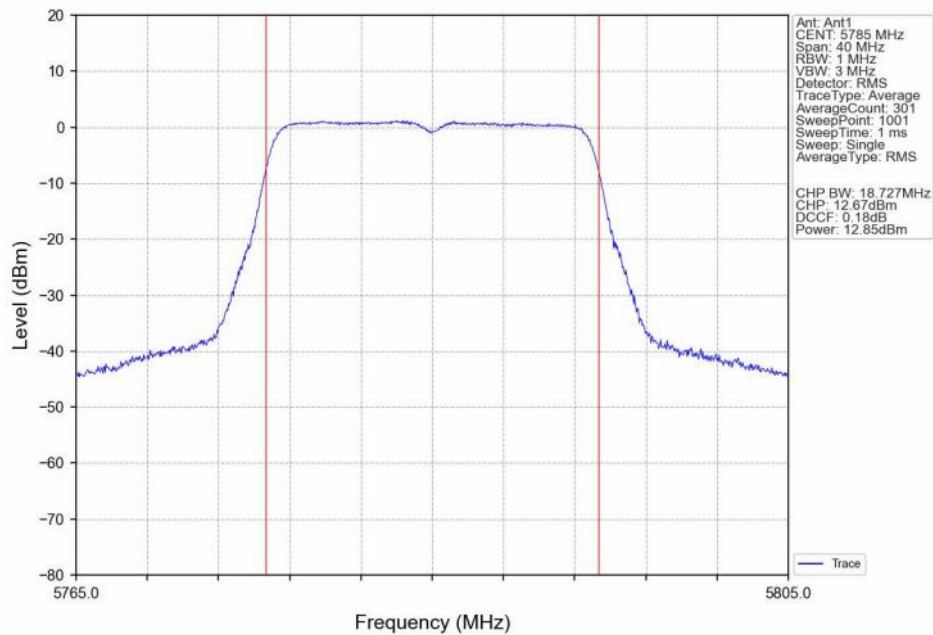
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



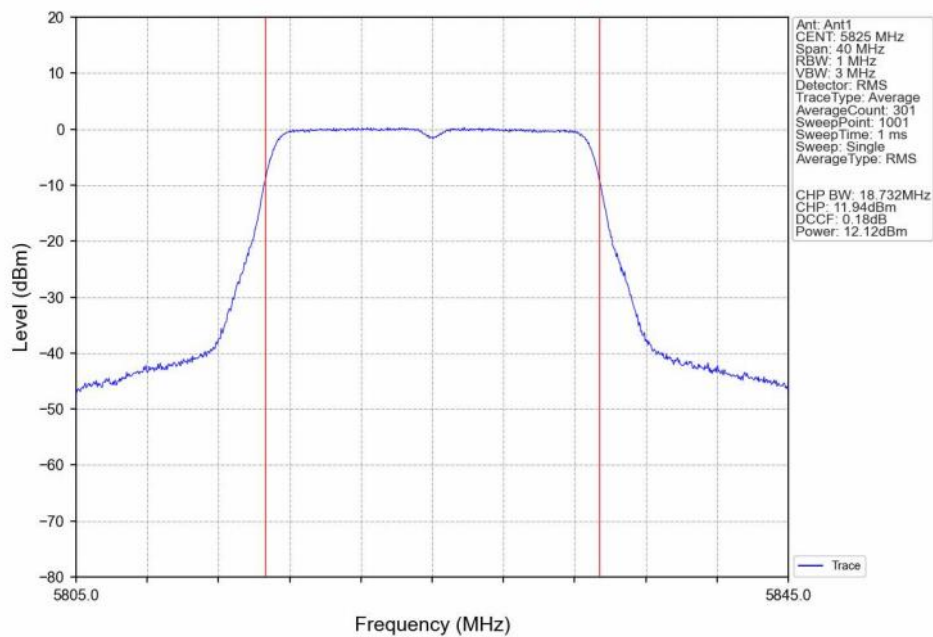
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



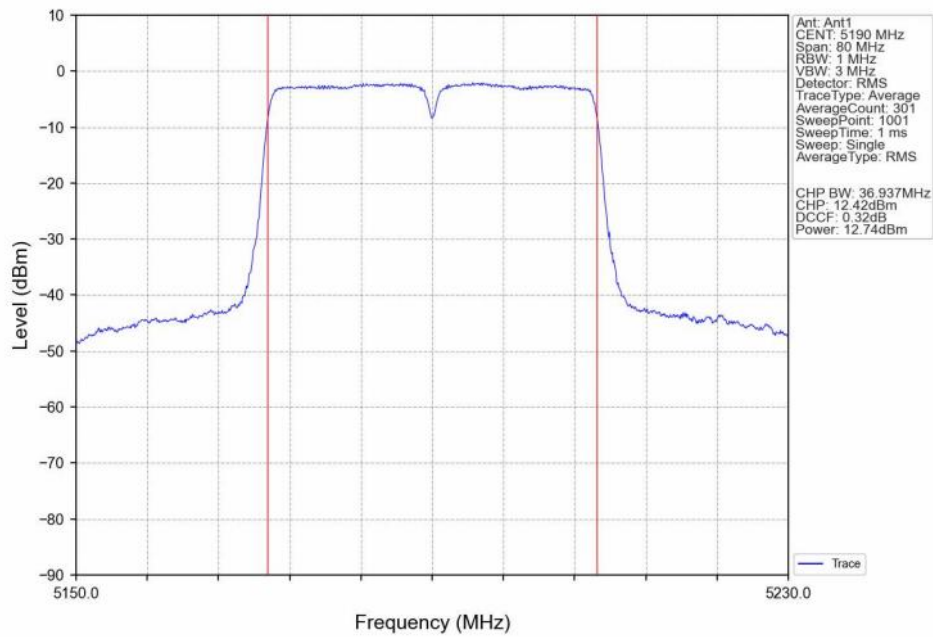
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



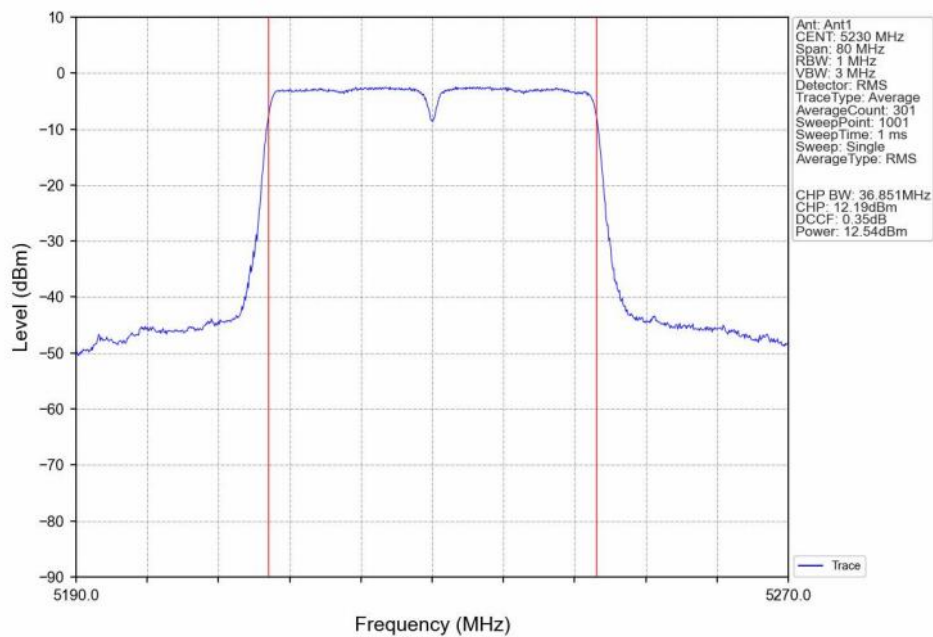
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



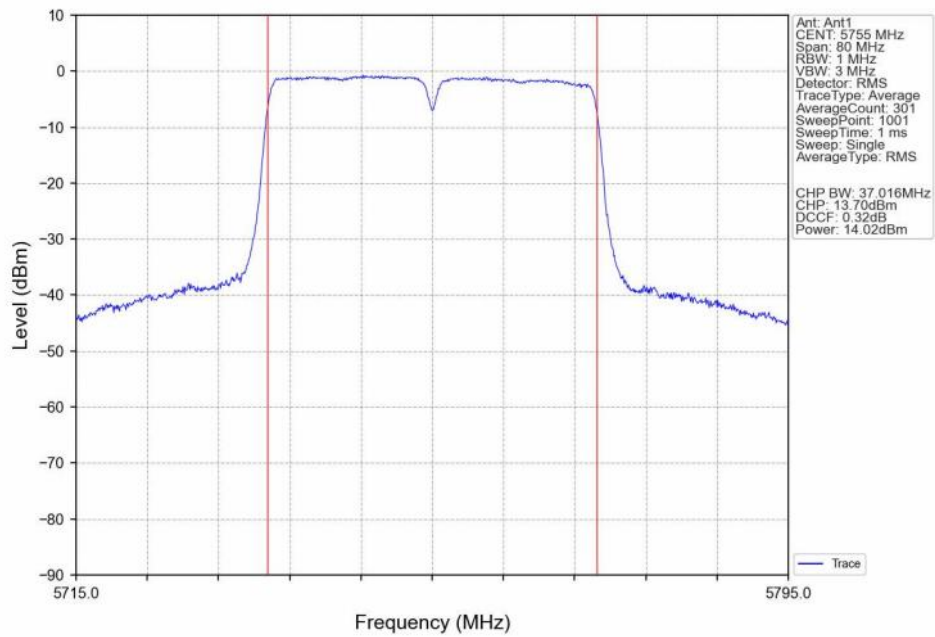
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



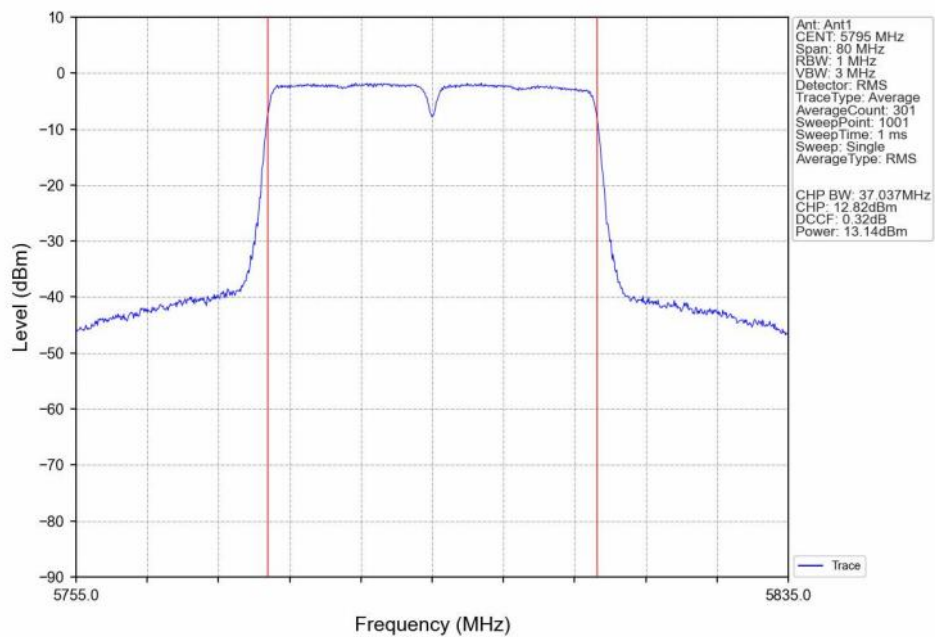
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



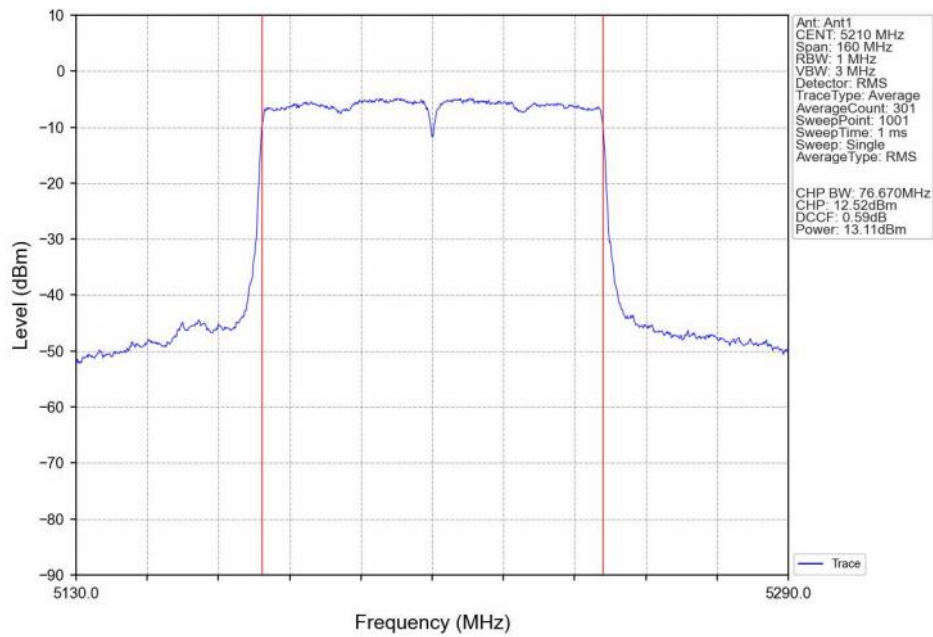
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



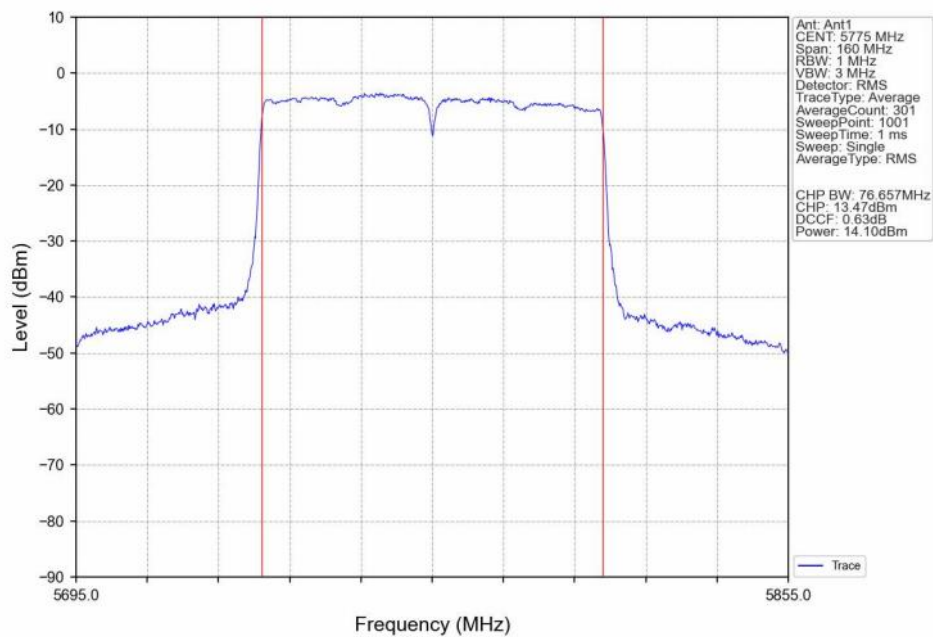
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



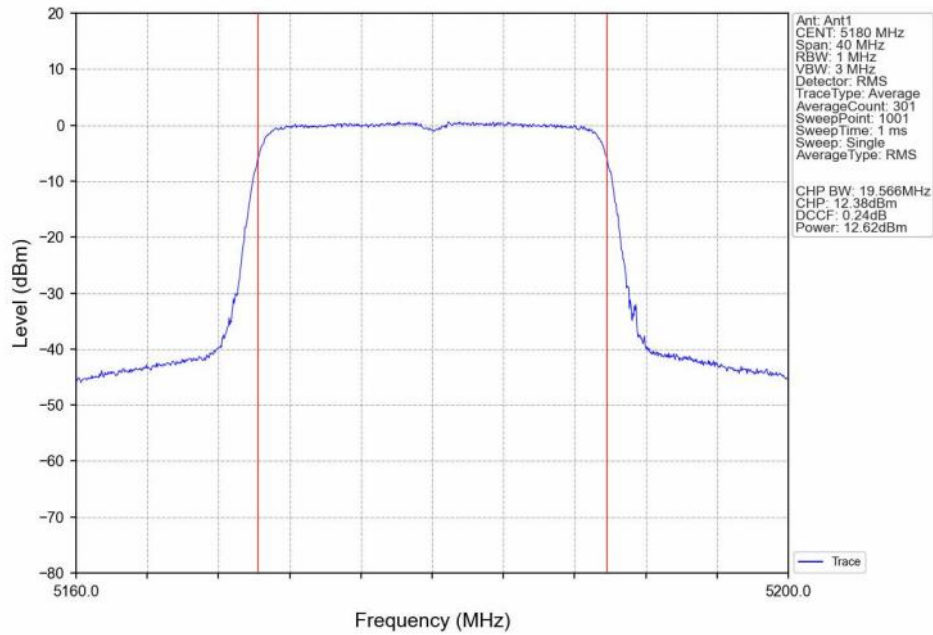
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



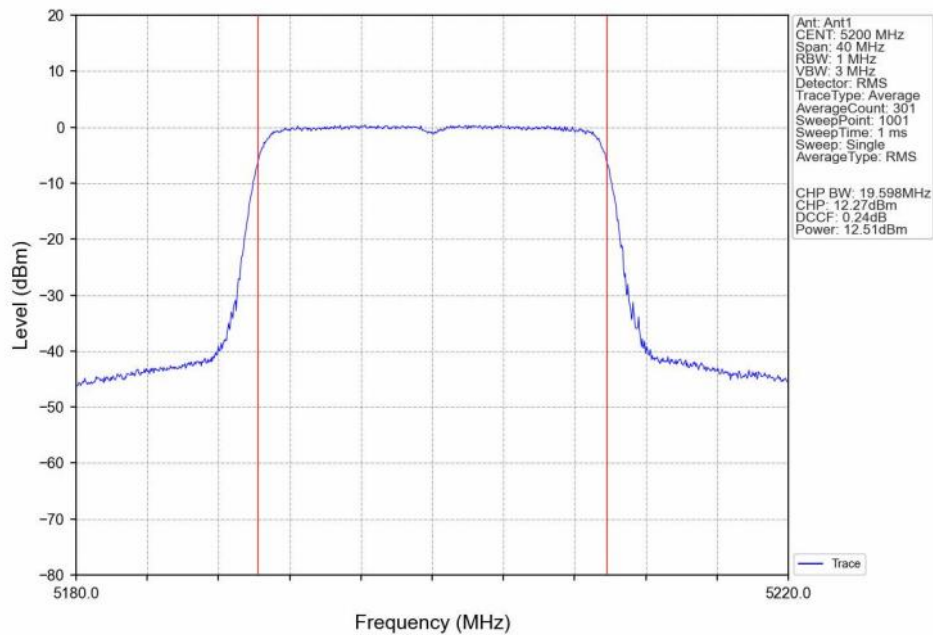
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



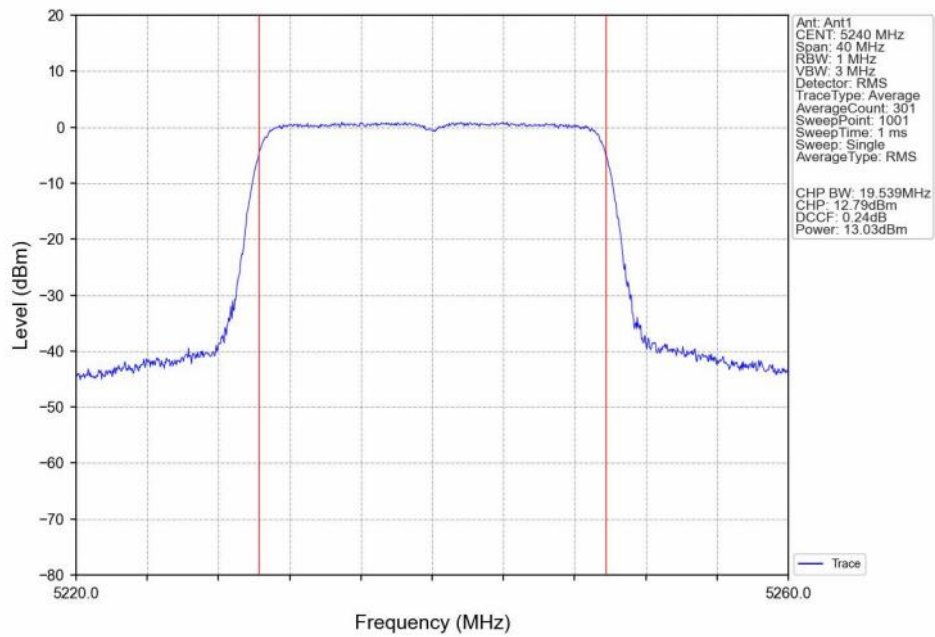
802.11ax(HEW20)_LCH_5180MHz_SU_ / Ant1_NTNV



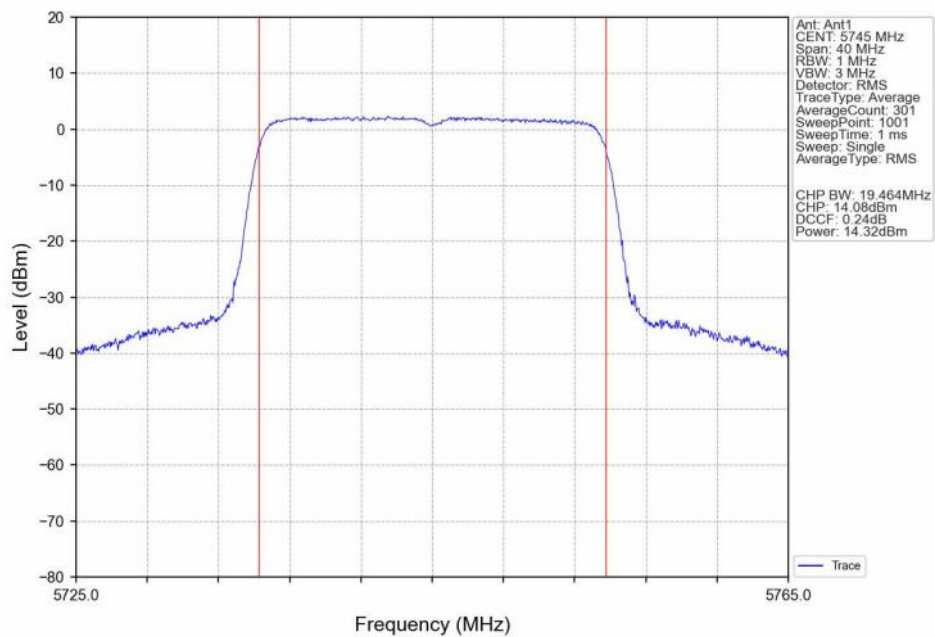
802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant1_NTNV



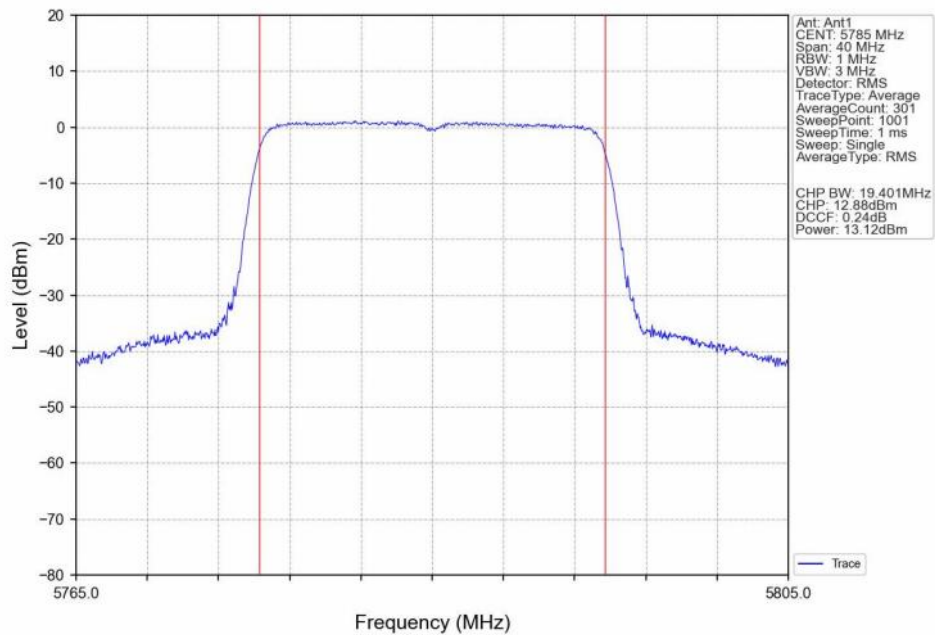
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV



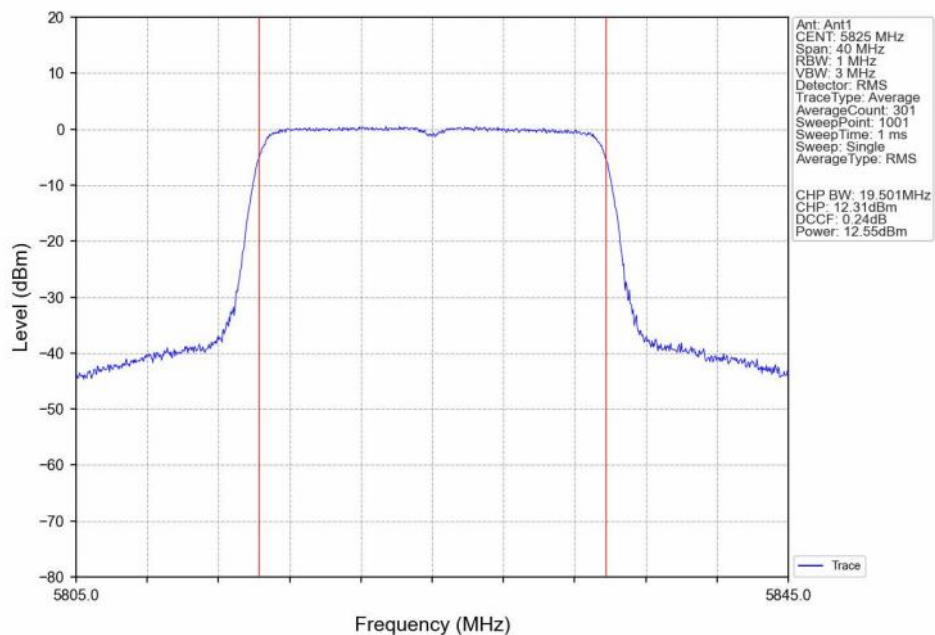
802.11ax(HEW20)_LCH_5745MHz_SU_/_Ant1_NTNV



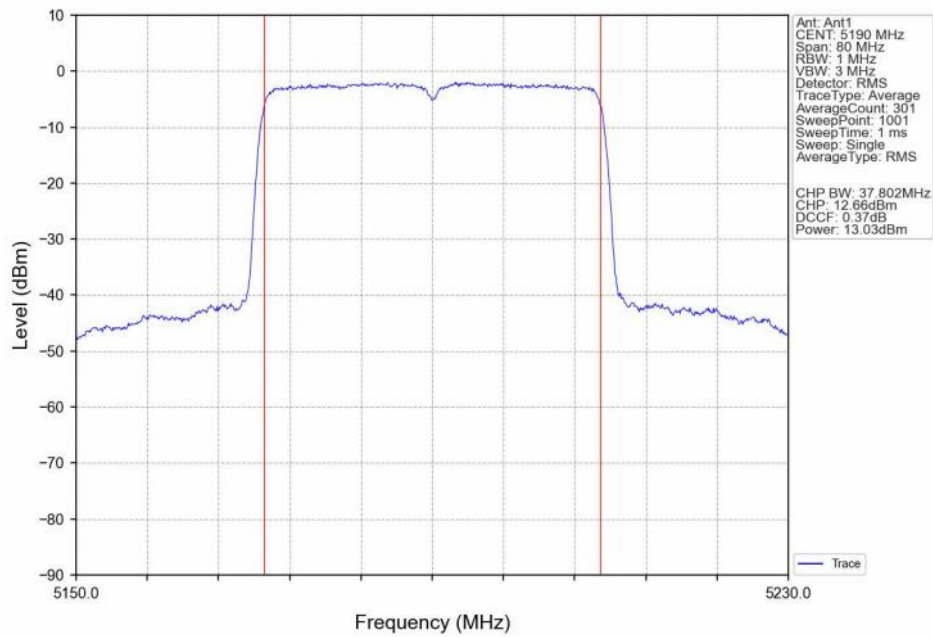
802.11ax(HEW20)_MCH_5785MHz_SU_/_Ant1_NTNV



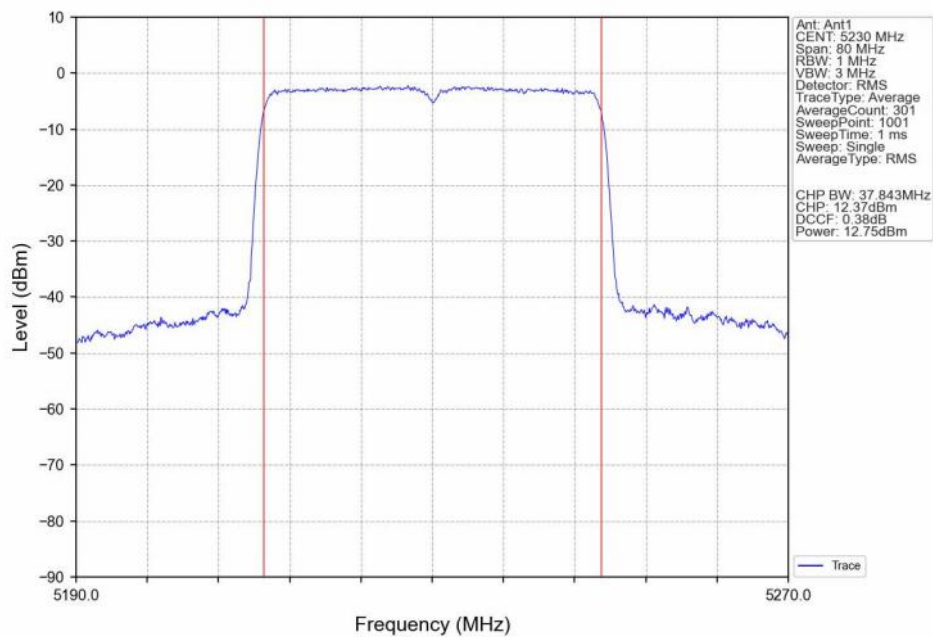
802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant1_NTNV



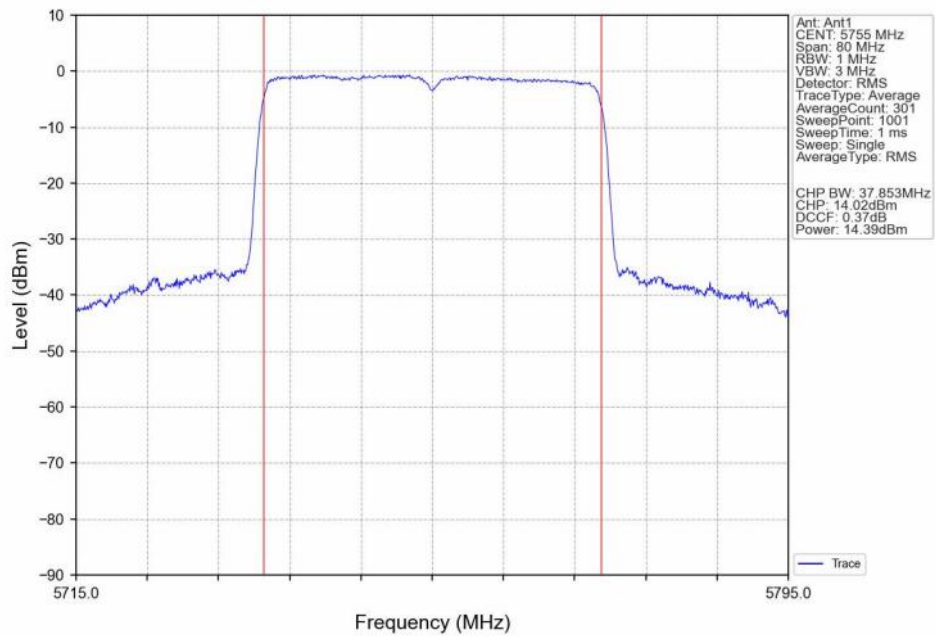
802.11ax(HEW40)_LCH_5190MHz_SU_ / Ant1_NTNV



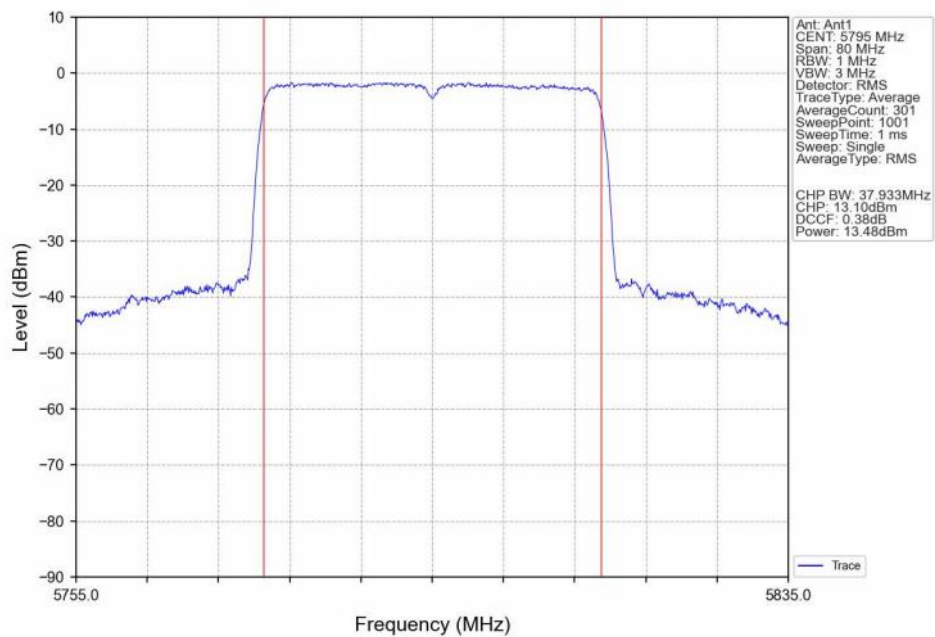
802.11ax(HEW40)_HCH_5230MHz_SU_ / Ant1_NTNV



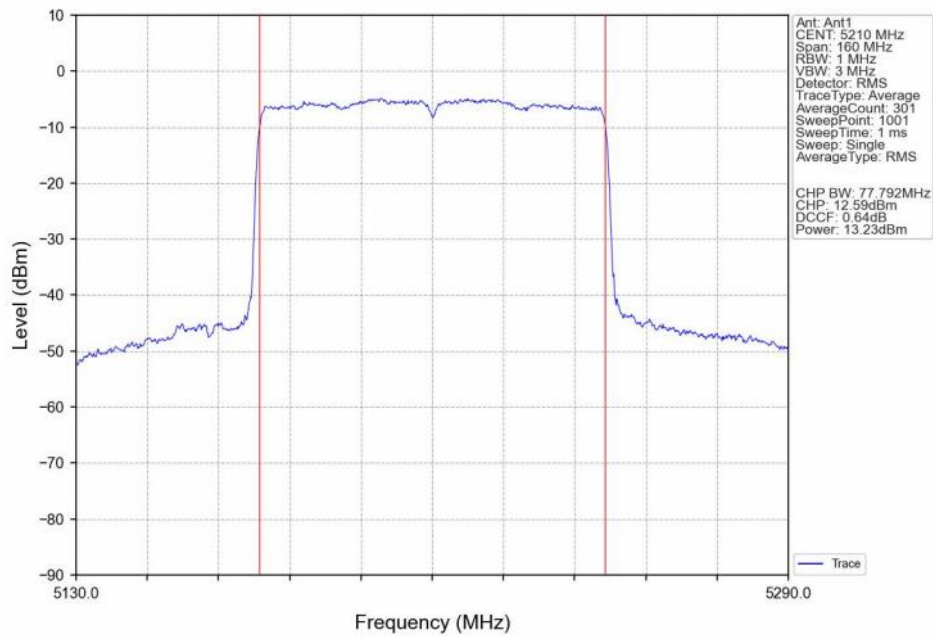
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



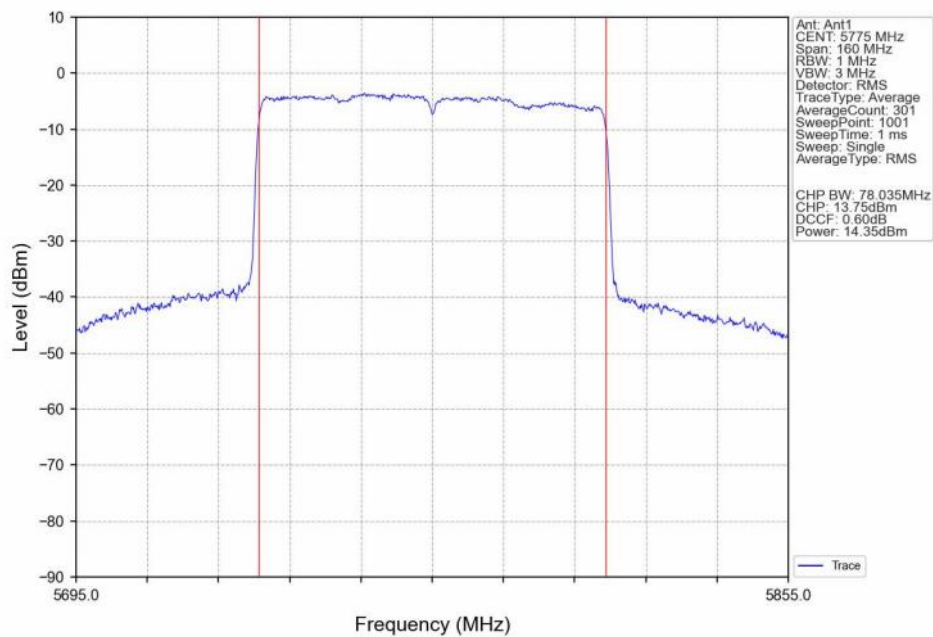
802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU / _Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / _Ant1_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	-0.62	<=11	Pass
		5200	/	/	0.70	<=11	Pass
		5240	/	/	1.34	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	0.76	<=11	Pass
		5200	/	/	0.50	<=11	Pass
		5240	/	/	1.02	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-1.96	<=11	Pass
		5230	/	/	-2.20	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	0.74	<=11	Pass
		5200	/	/	0.48	<=11	Pass
		5240	/	/	1.13	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-1.82	<=11	Pass
		5230	/	/	-1.87	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-4.21	<=11	Pass
802.11ax (HEW20)	SISO	5180	SU	/	0.74	<=11	Pass
		5200	SU	/	0.66	<=11	Pass
		5240	SU	/	1.30	<=11	Pass
802.11ax (HEW40)	SISO	5190	SU	/	-1.54	<=11	Pass
		5230	SU	/	-1.64	<=11	Pass
802.11ax (HEW80)	SISO	5210	SU	/	-4.26	<=11	Pass

Note1: Antenna Gain:
- Band: 1 Ant1: 3.59dBi;
- Band: 3 Ant1: 3.59dBi;

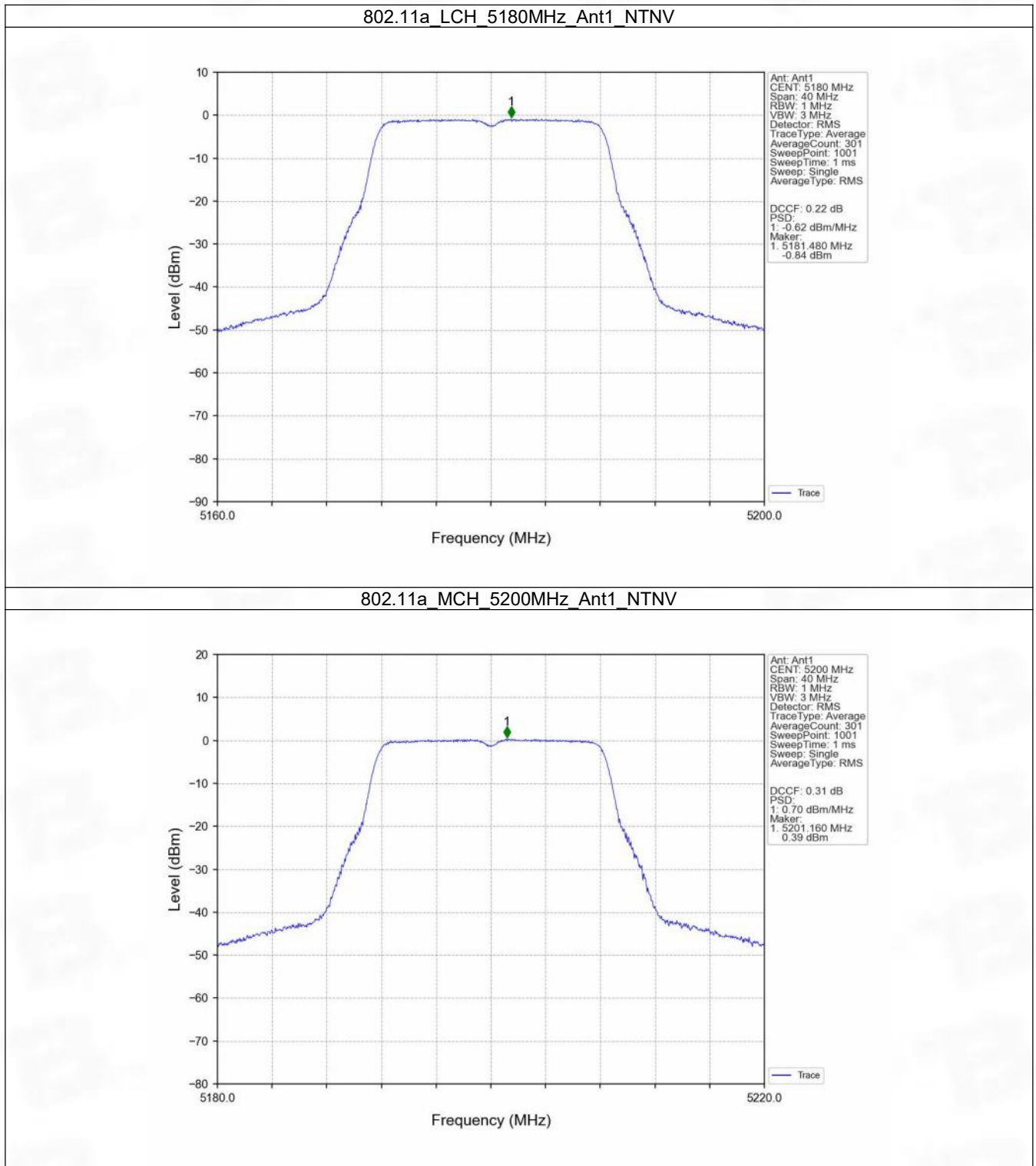
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-0.25	<=30	Pass
		5785	/	/	-1.24	<=30	Pass
		5825	/	/	-3.25	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-0.59	<=30	Pass
		5785	/	/	-1.75	<=30	Pass
		5825	/	/	-2.59	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-3.57	<=30	Pass
		5795	/	/	-4.64	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-0.58	<=30	Pass
		5785	/	/	-1.61	<=30	Pass
		5825	/	/	-2.25	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-3.16	<=30	Pass
		5795	/	/	-4.31	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-6.52	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-0.44	<=30	Pass
		5785	SU	/	-1.37	<=30	Pass
		5825	SU	/	-2.07	<=30	Pass
802.11ax	SISO	5755	SU	/	-2.98	<=30	Pass

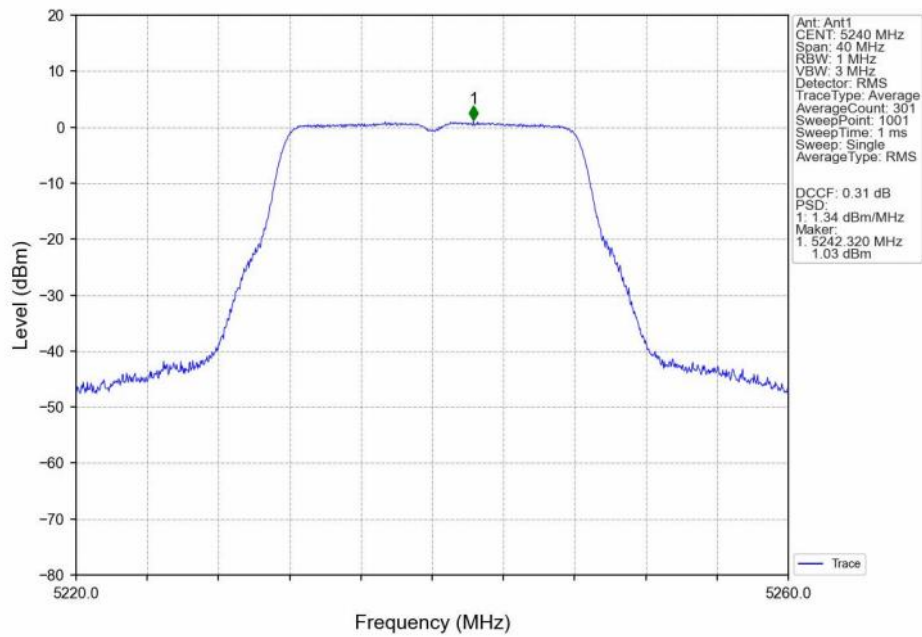
(HEW40)		5795	SU	/	-4.06	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-6.37	<=30	Pass
Note1: Antenna Gain: - Band: 3 Ant1: 3.59dBi; - Band: 1 Ant1: 3.59dBi;							

4.2 Test Graph

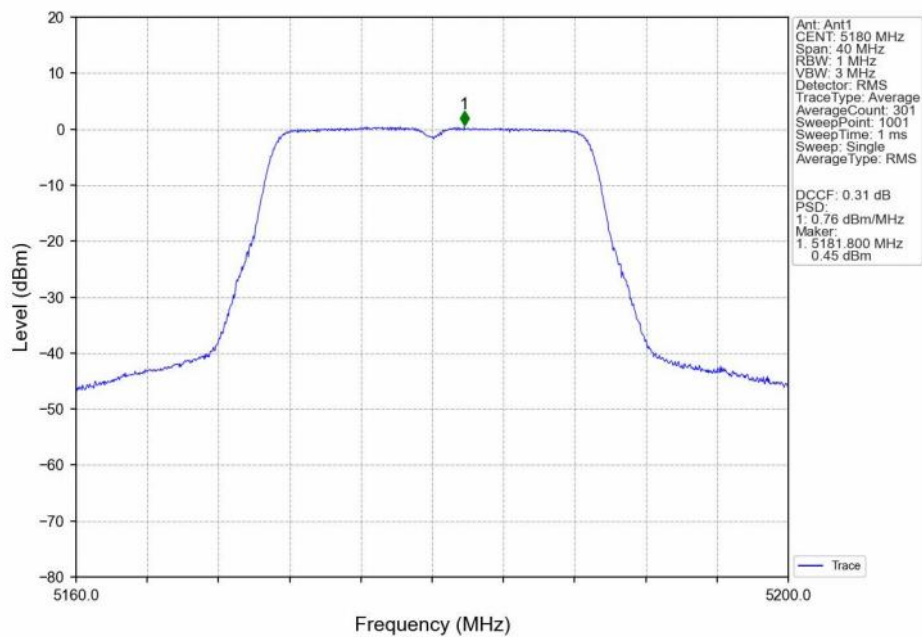
4.2.1 PSD



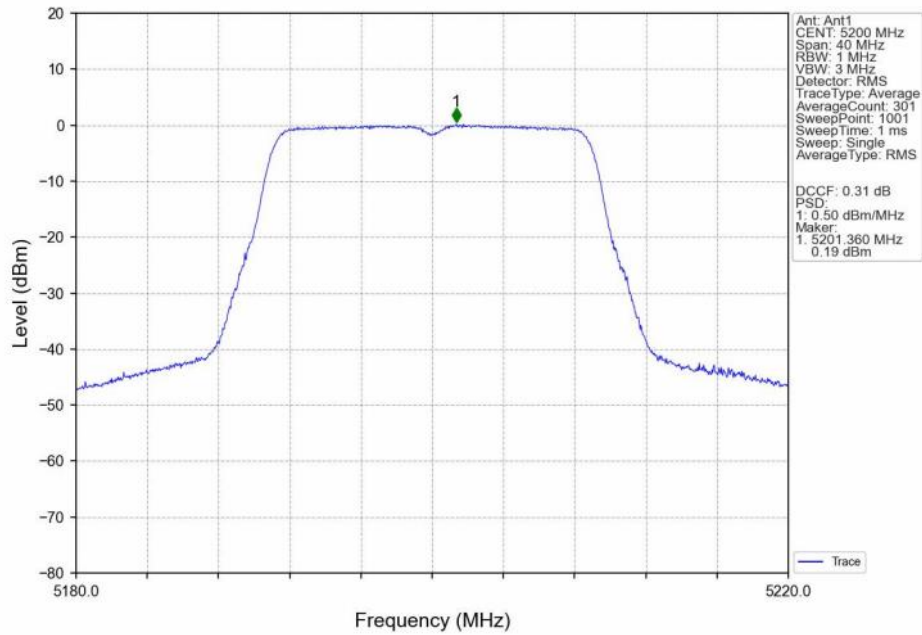
802.11a_HCH_5240MHz_Ant1_NTNV



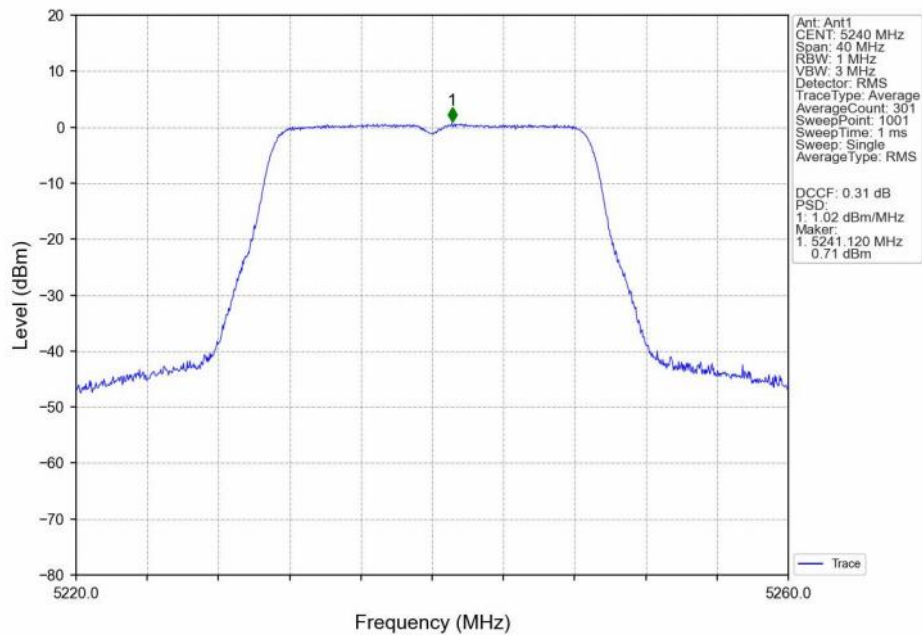
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



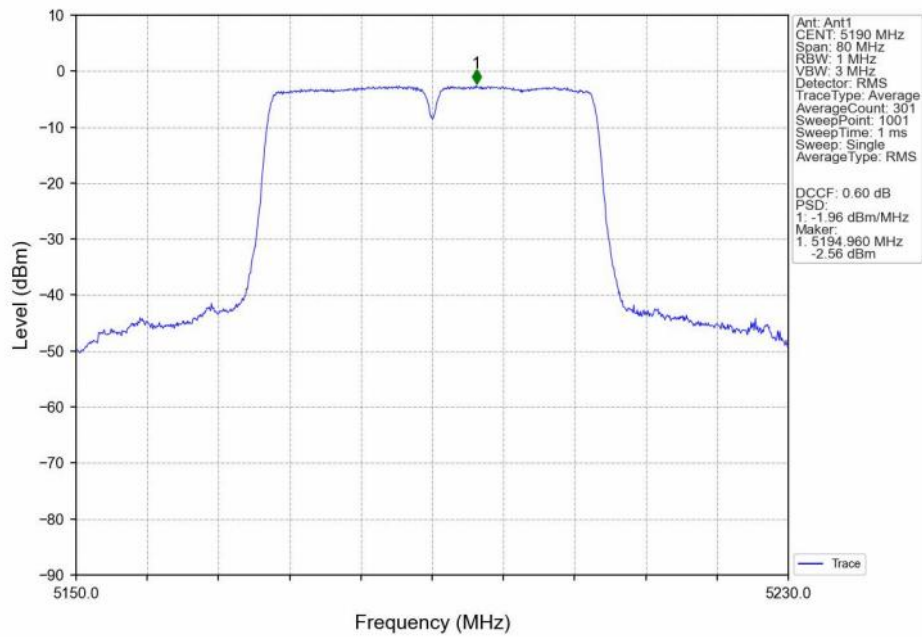
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



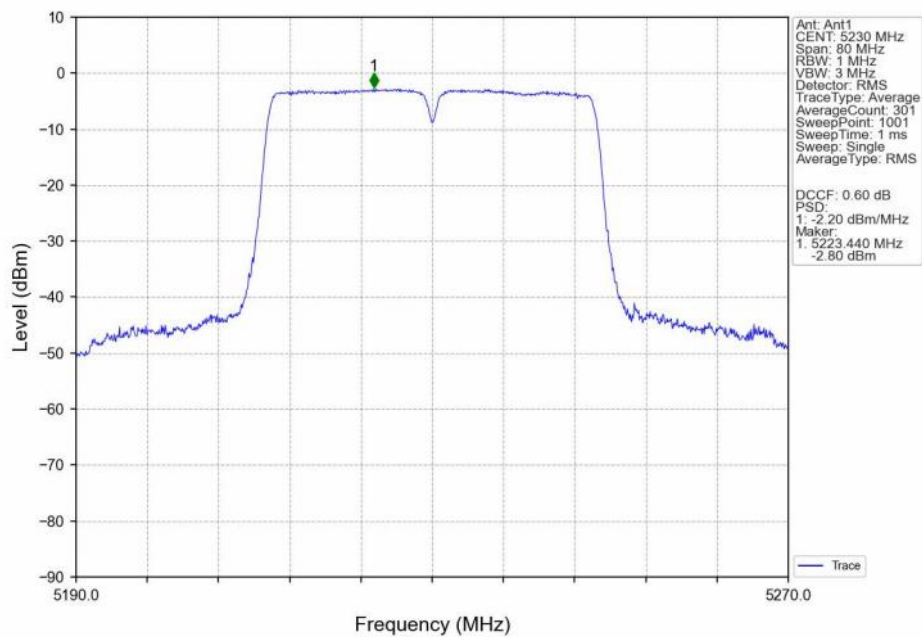
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



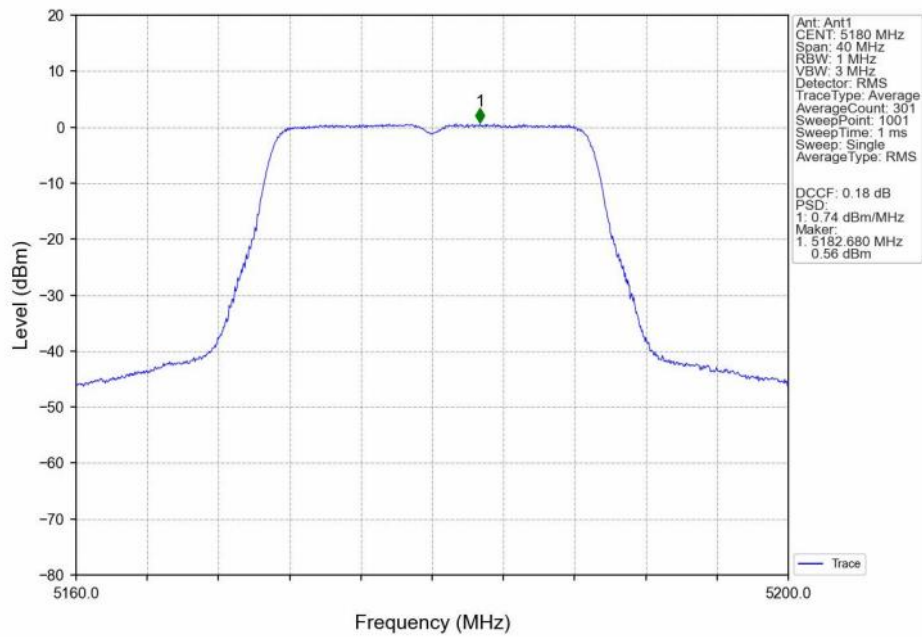
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



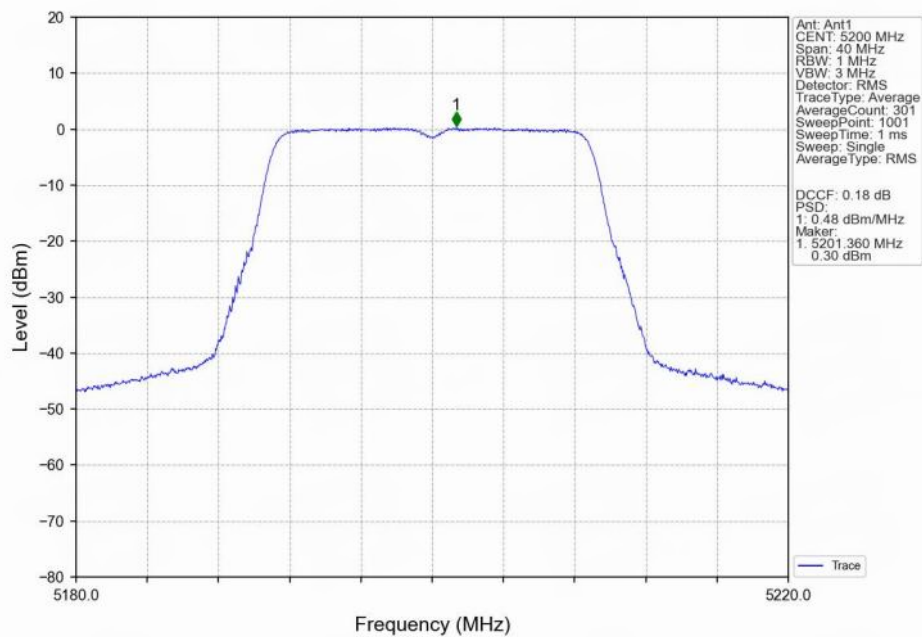
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



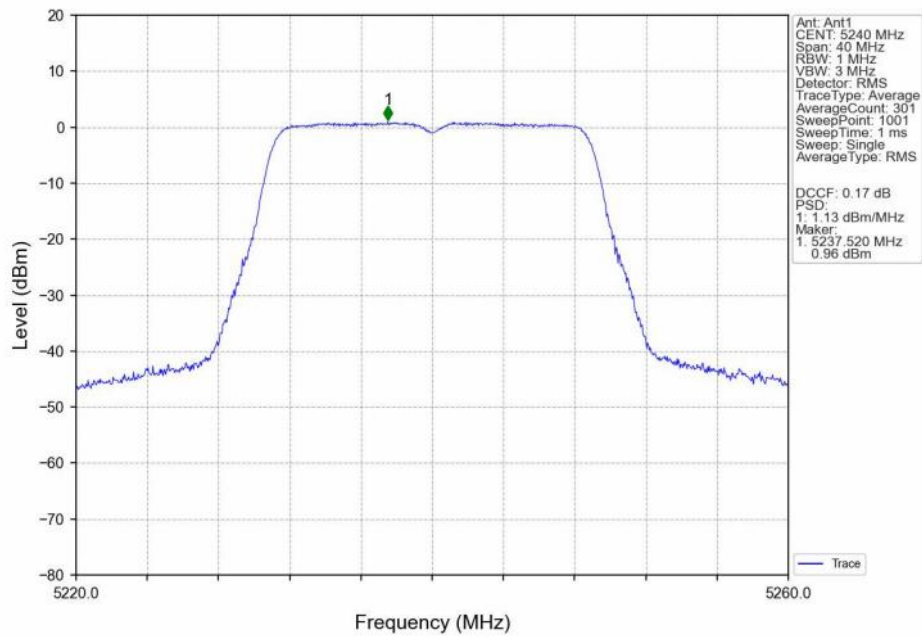
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



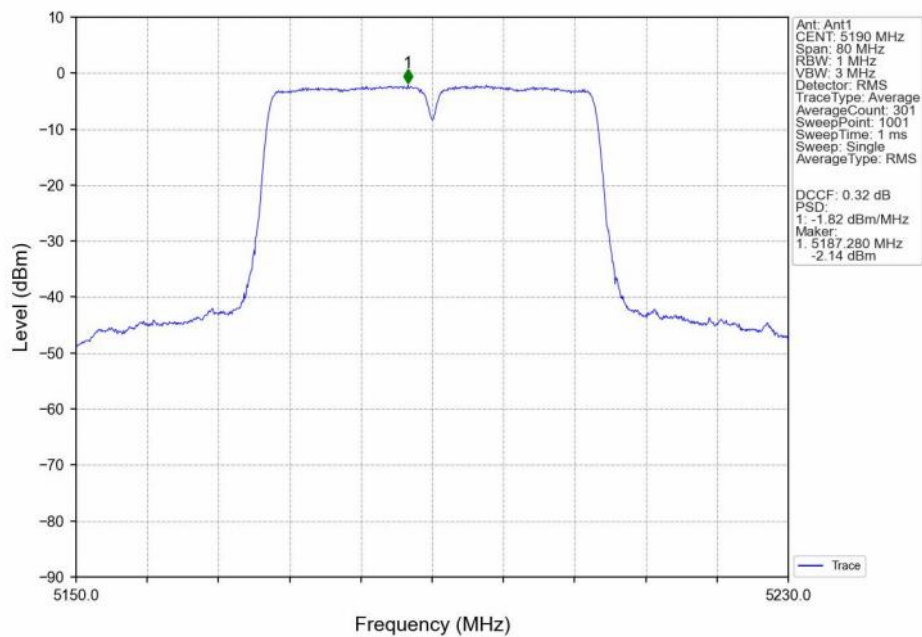
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



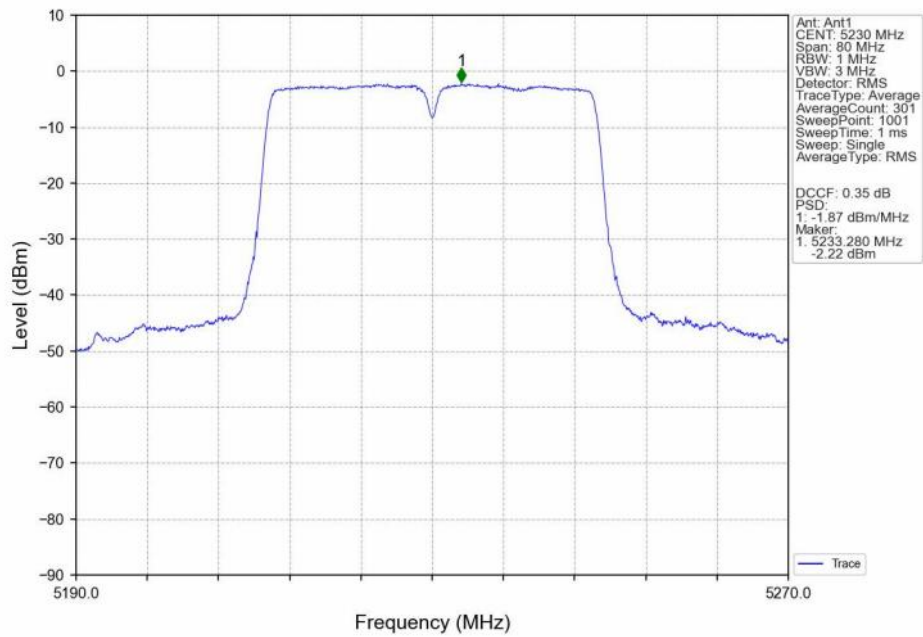
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



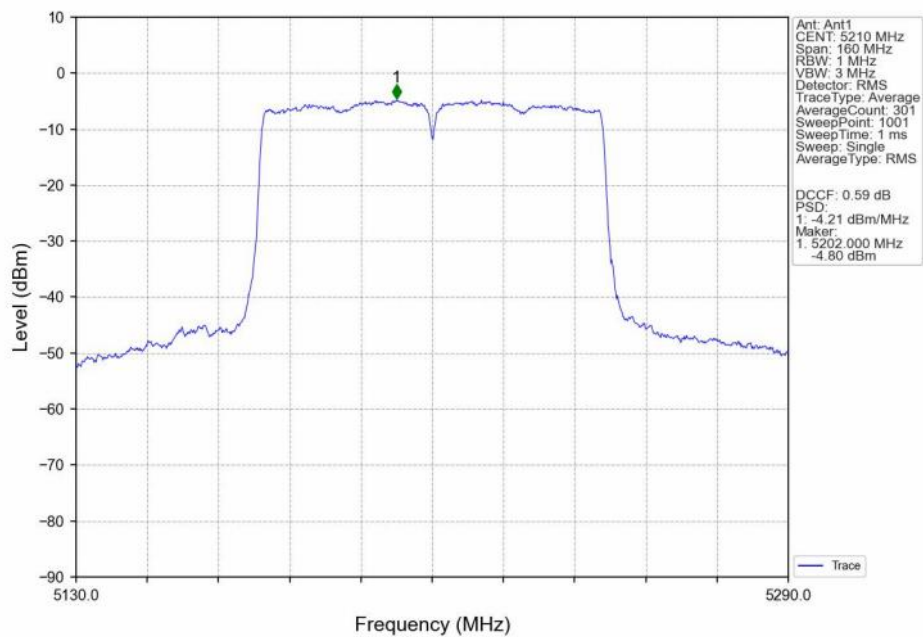
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



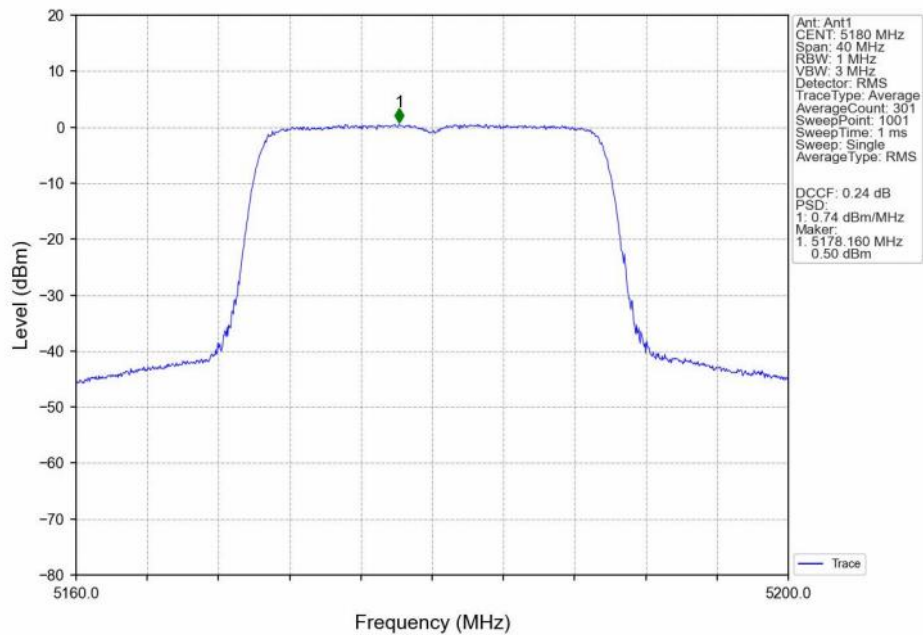
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



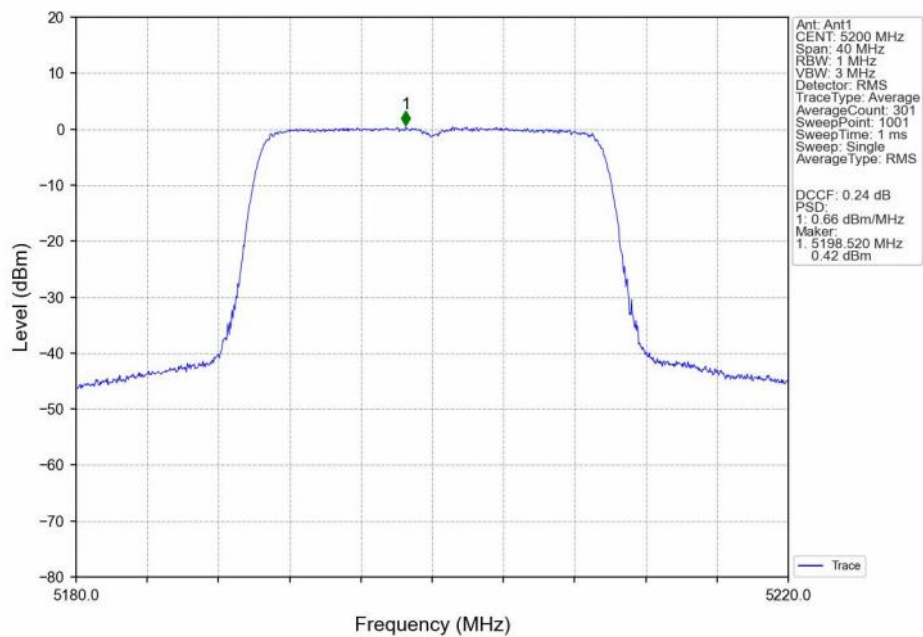
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



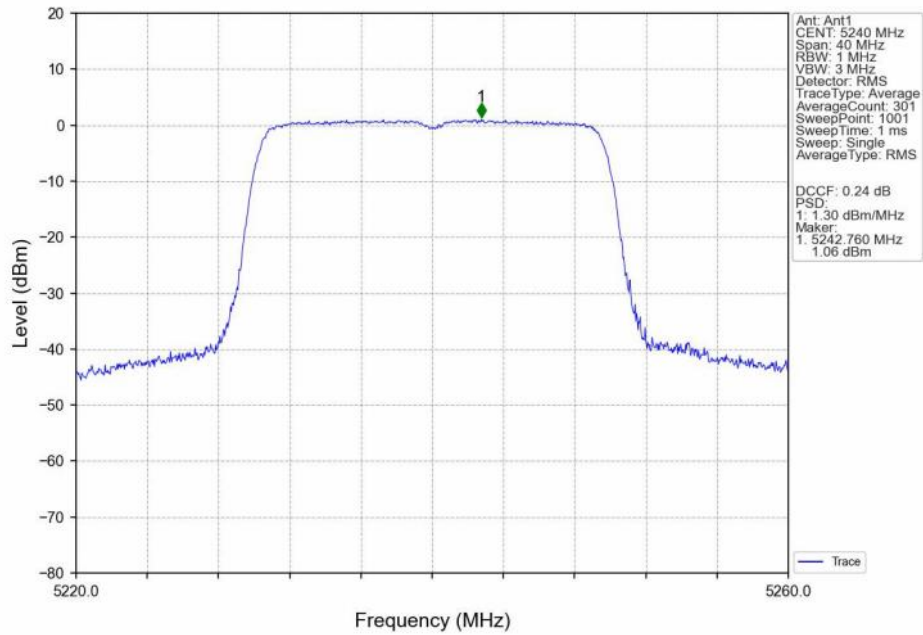
802.11ax(HEW20)_LCH_5180MHz_SU_ / Ant1_NTNV



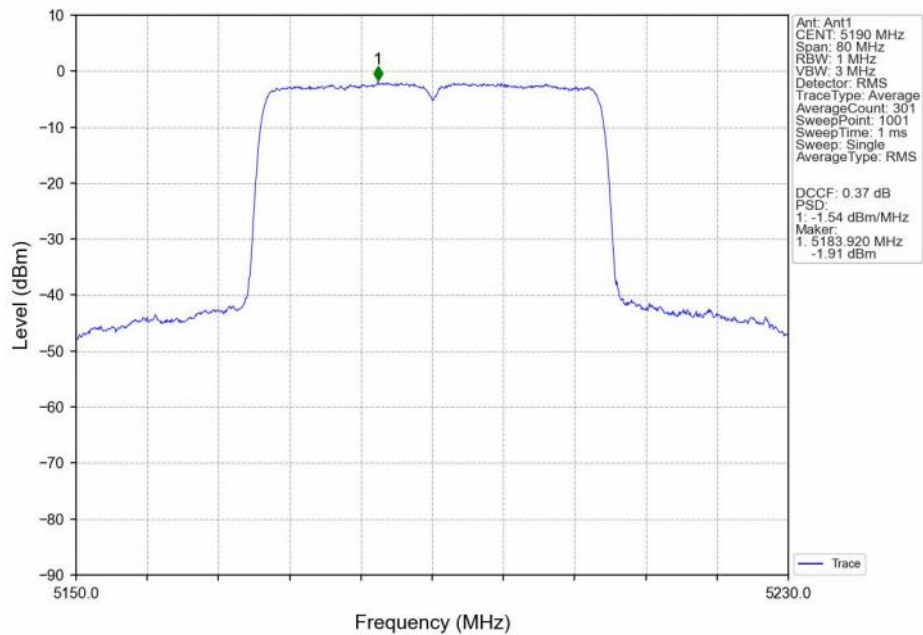
802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant1_NTNV



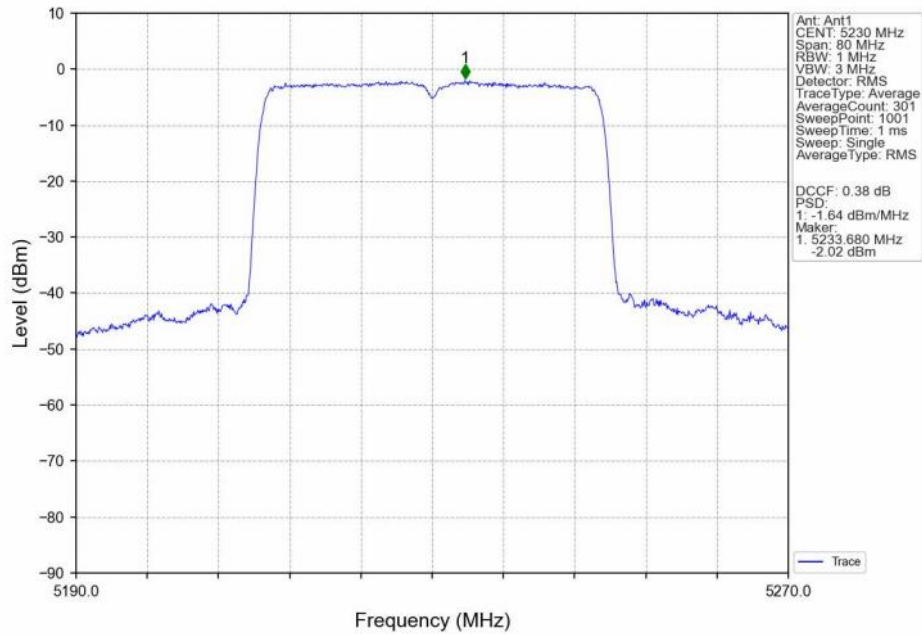
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV



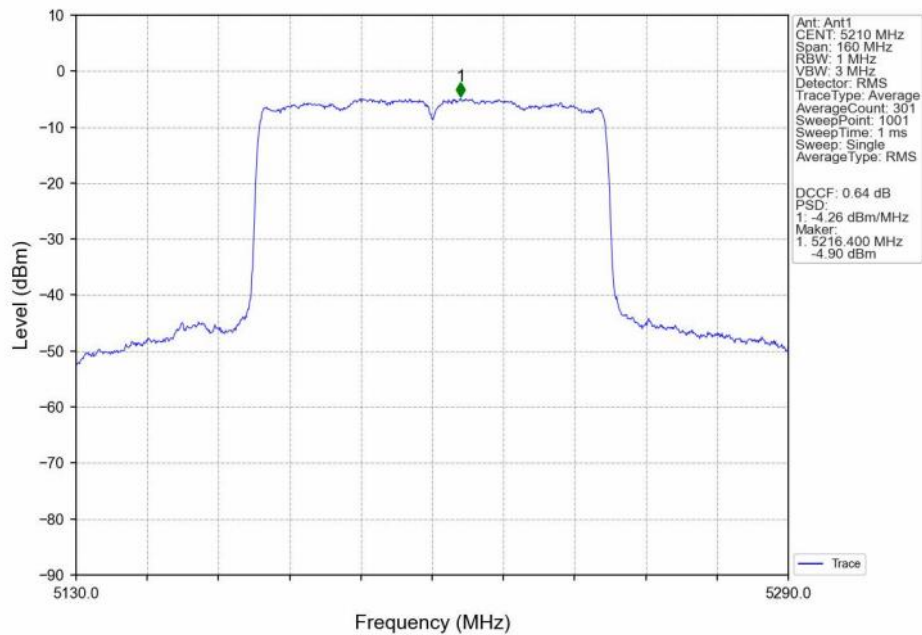
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



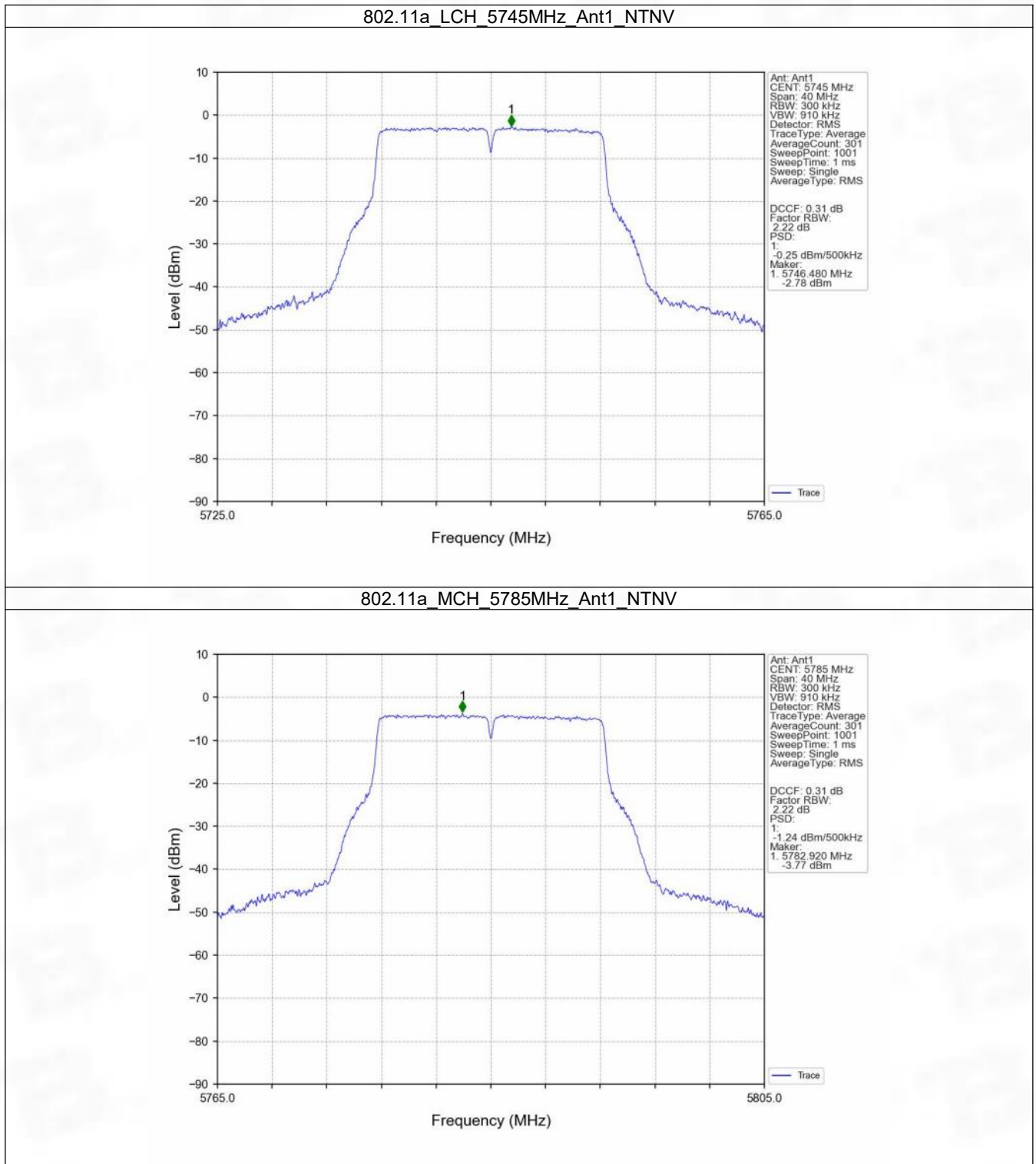
802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV



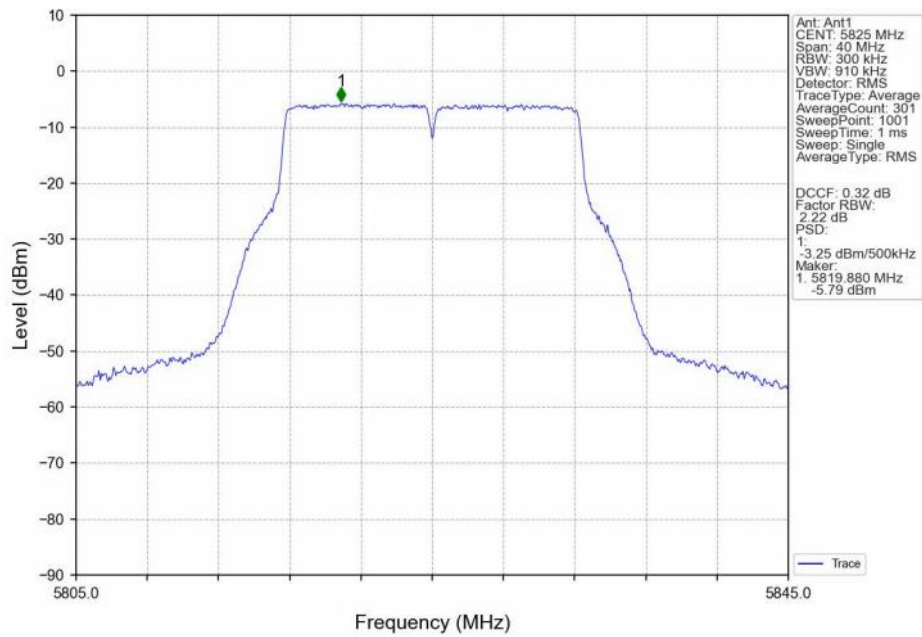
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV



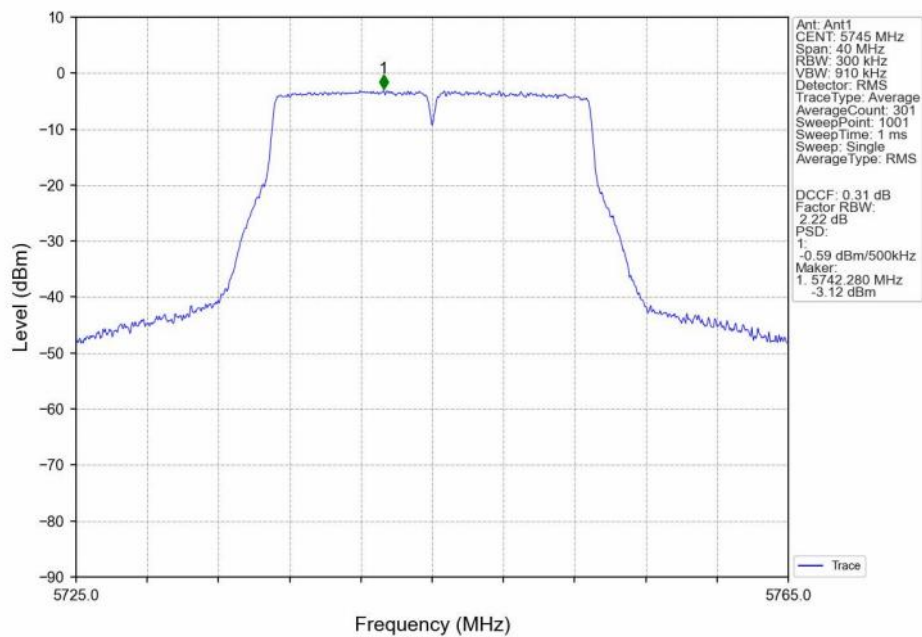
4.2.2 PSD-Band3



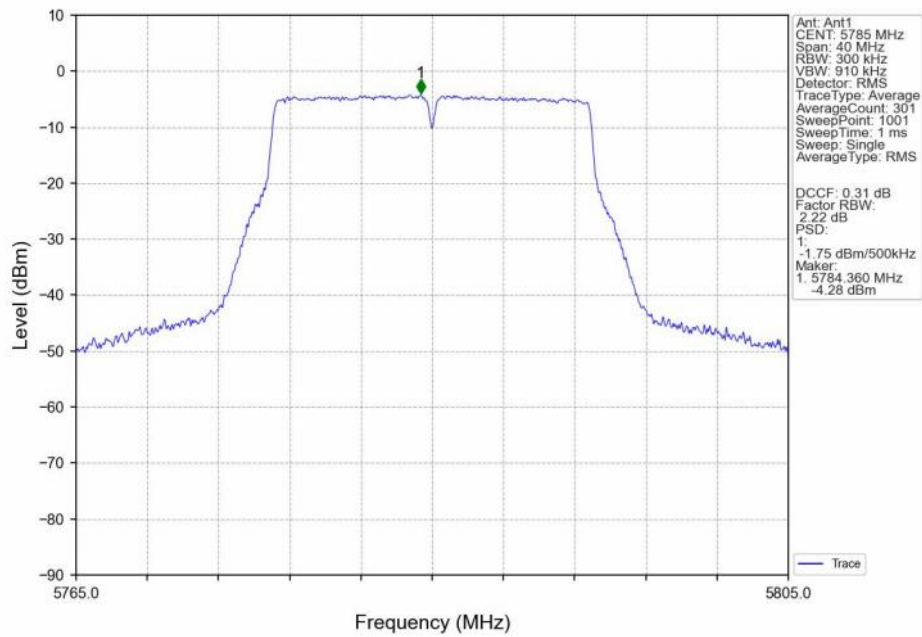
802.11a_HCH_5825MHz_Ant1_NTNV



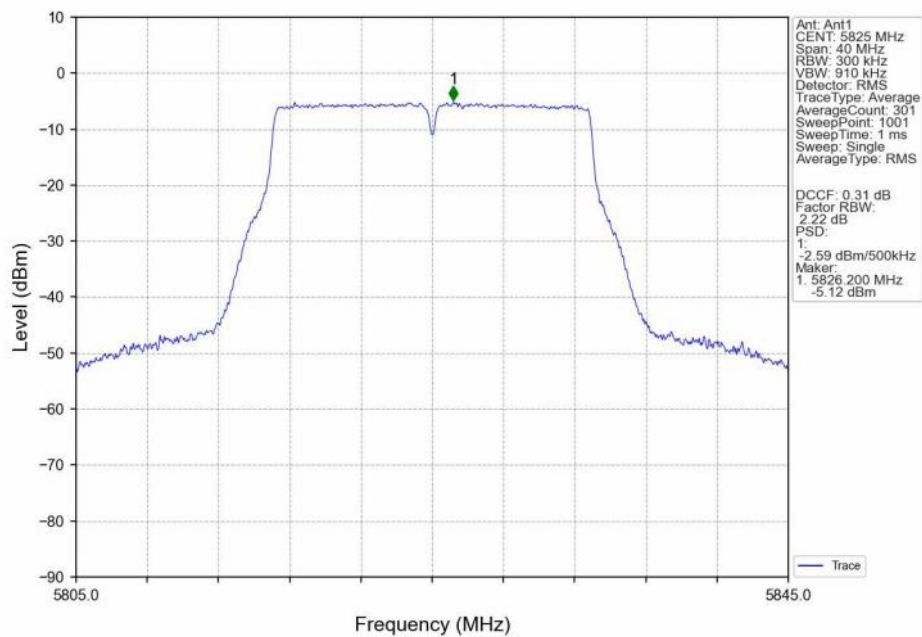
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



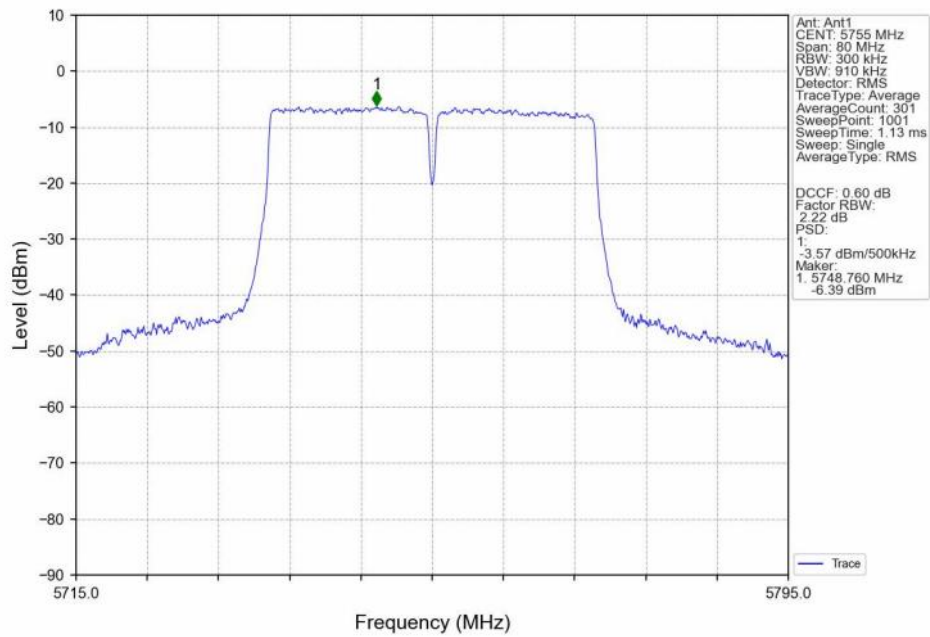
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



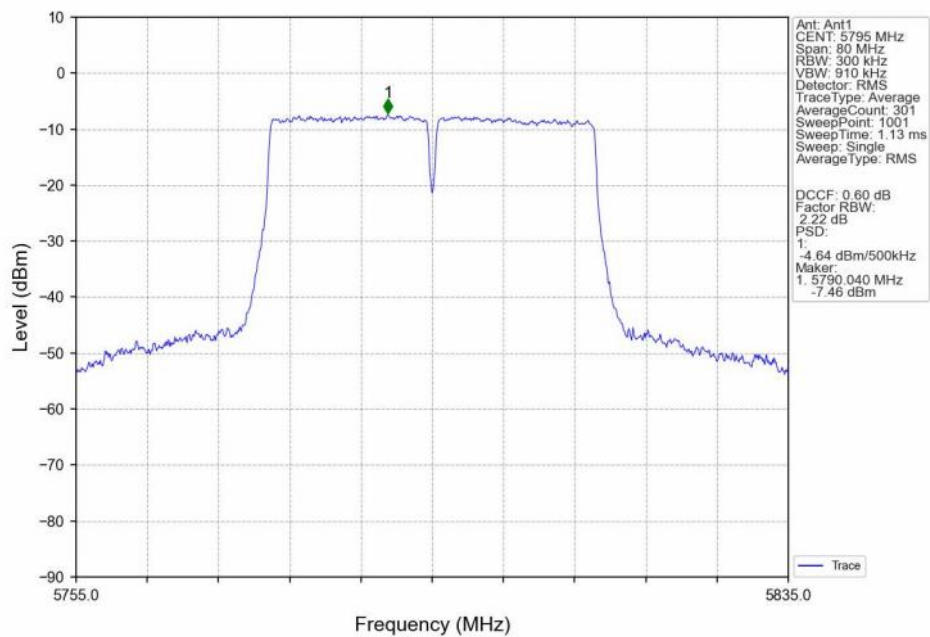
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



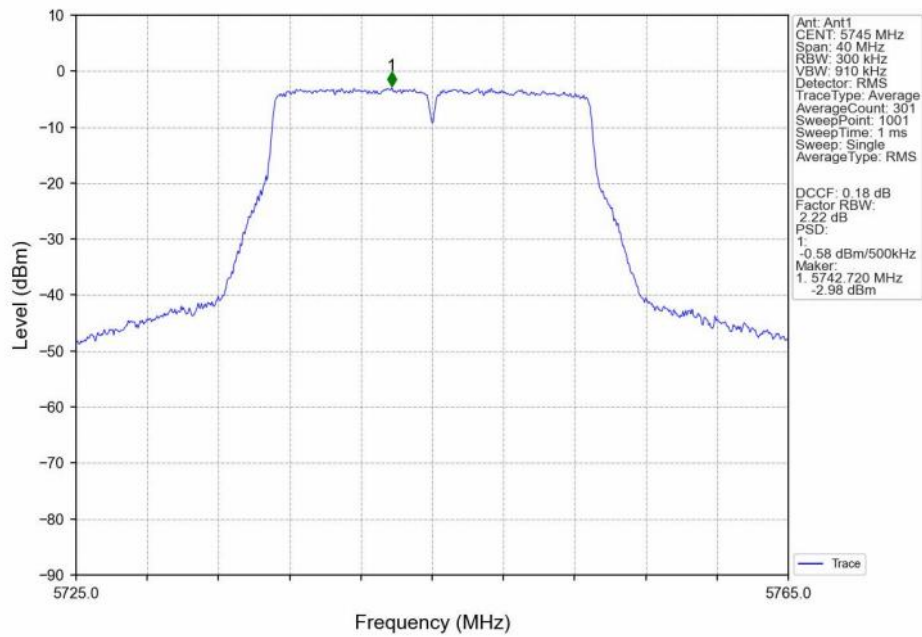
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



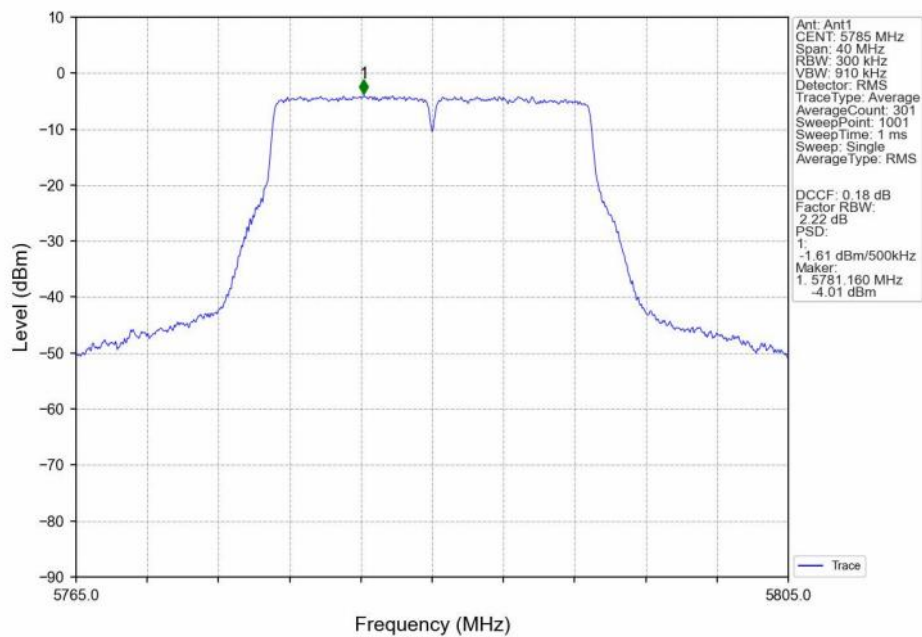
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



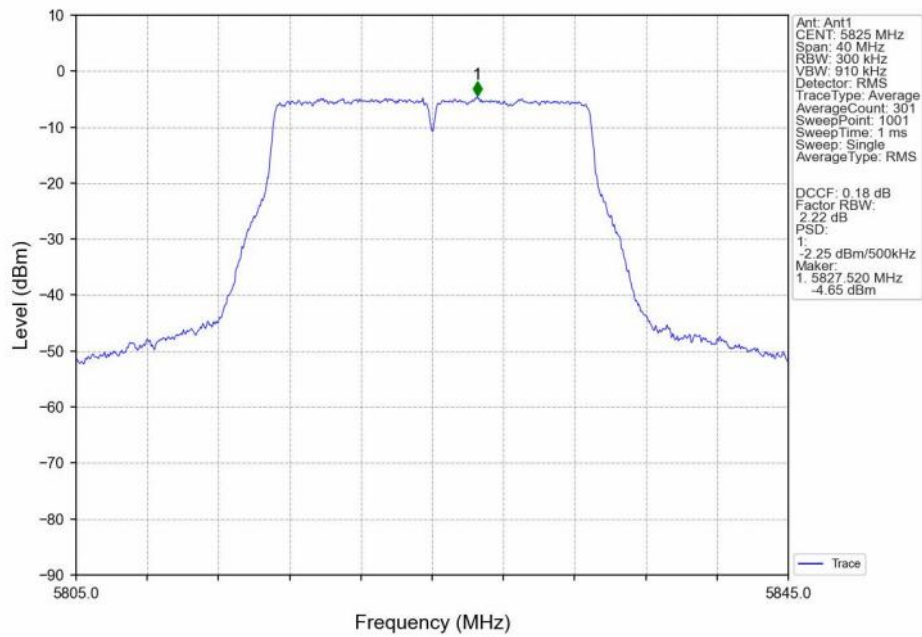
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



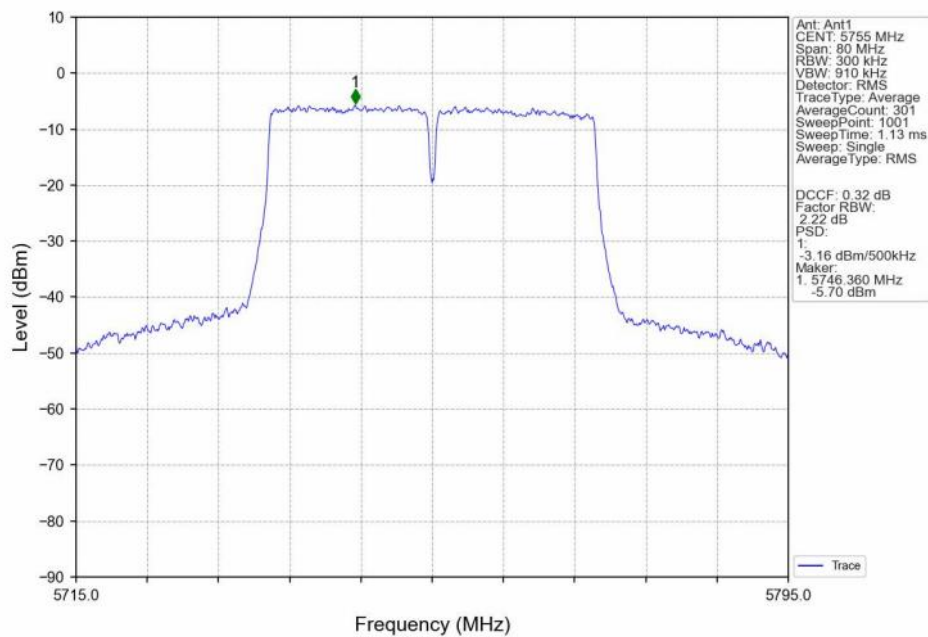
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



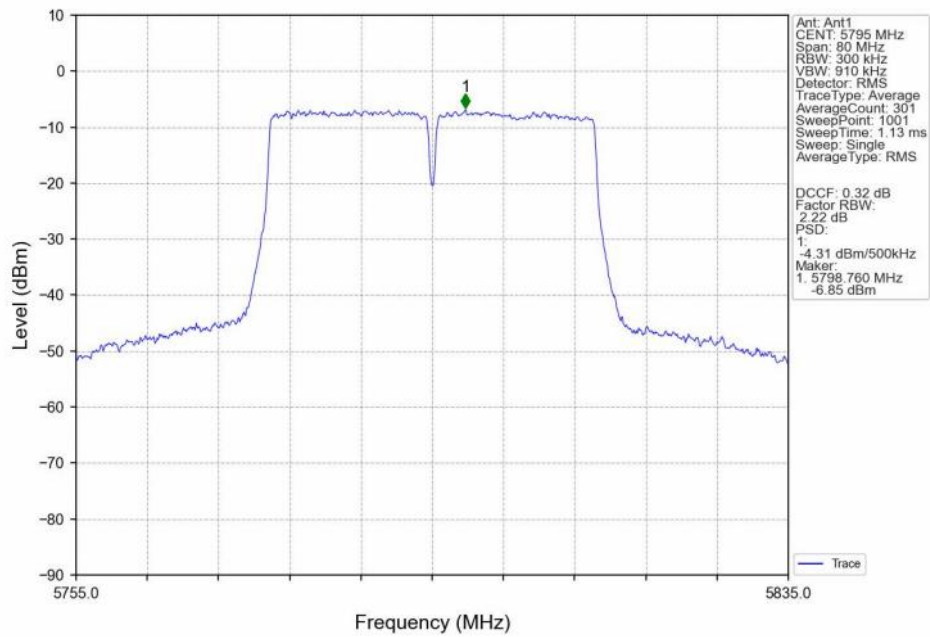
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



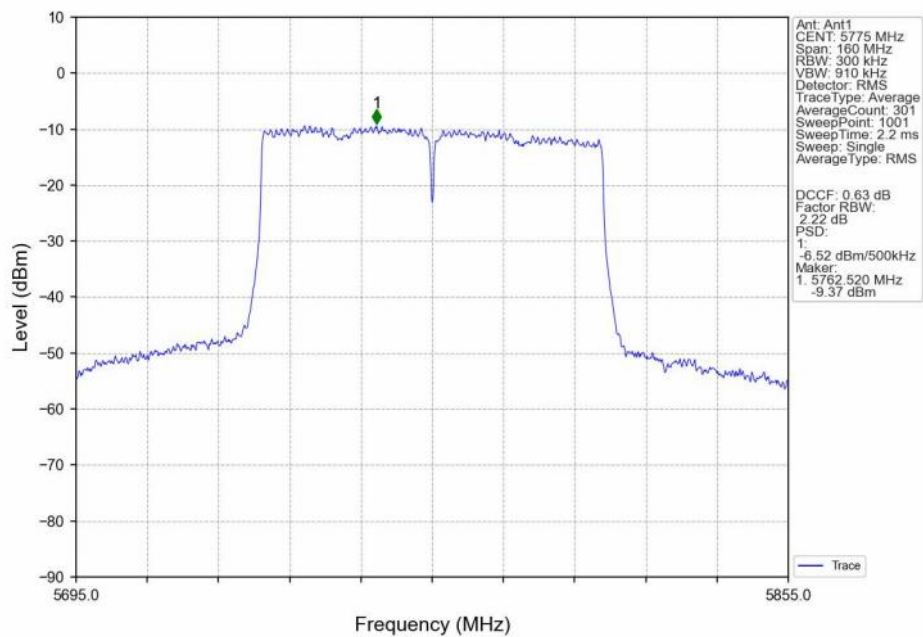
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



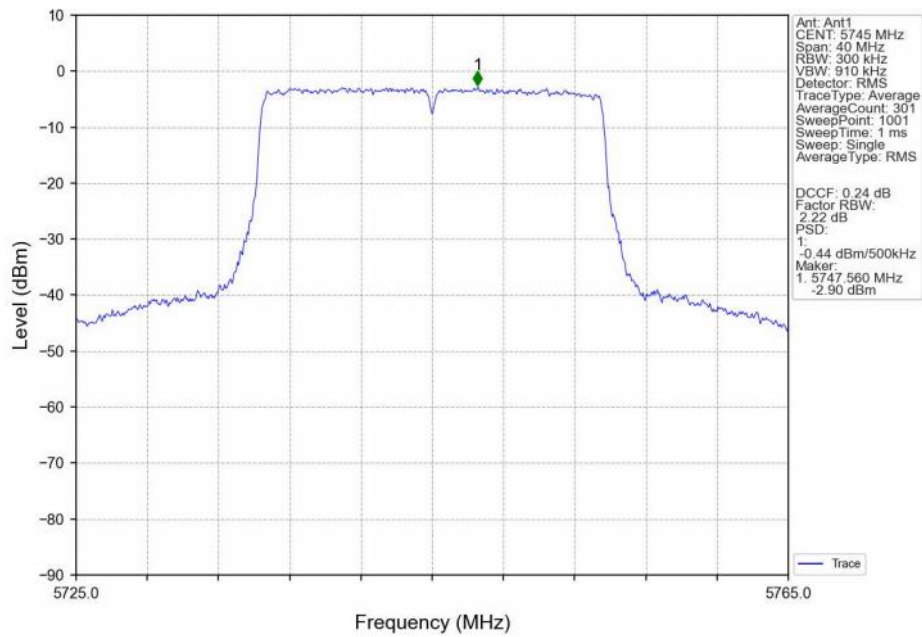
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



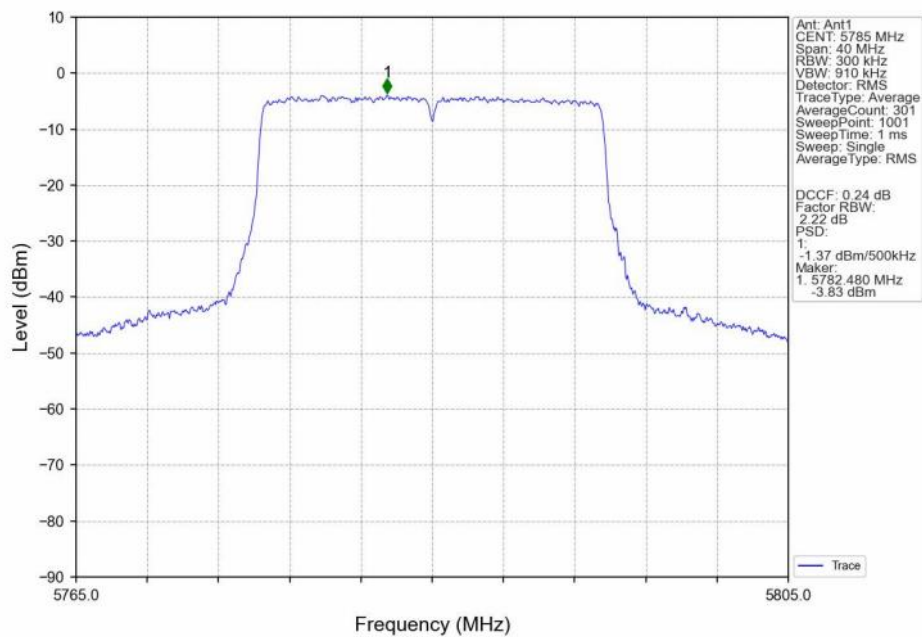
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



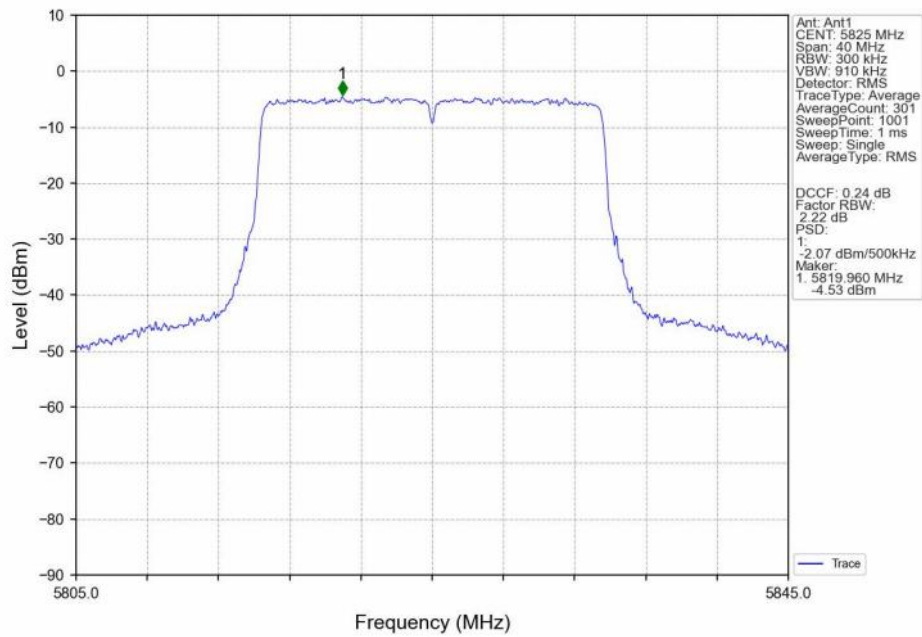
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



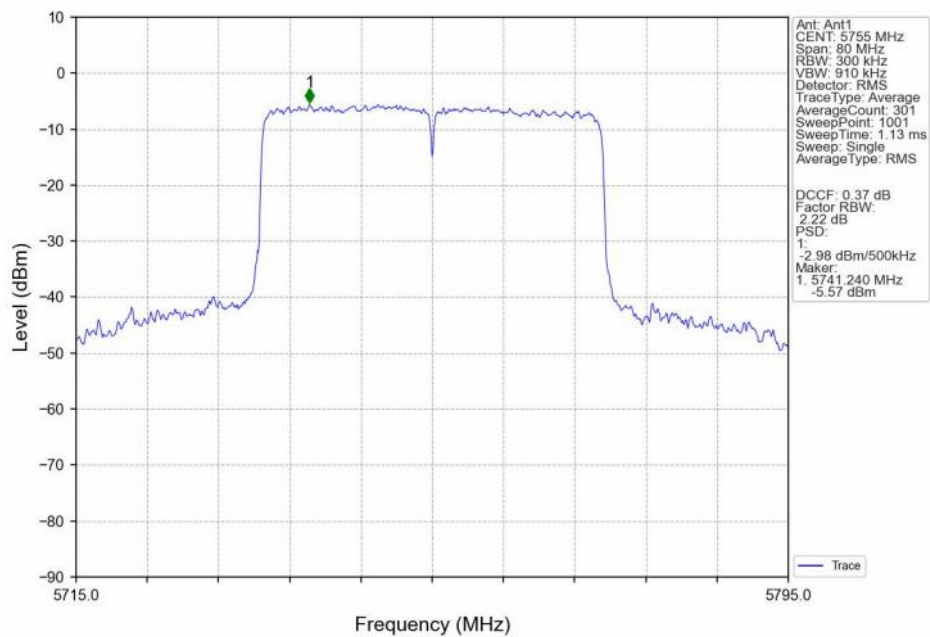
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



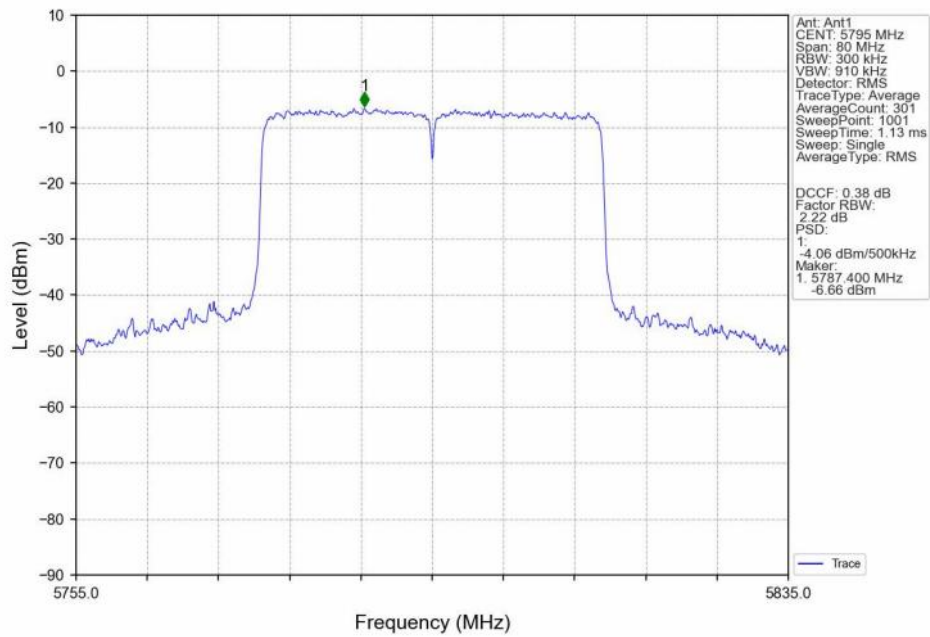
802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant1_NTNV



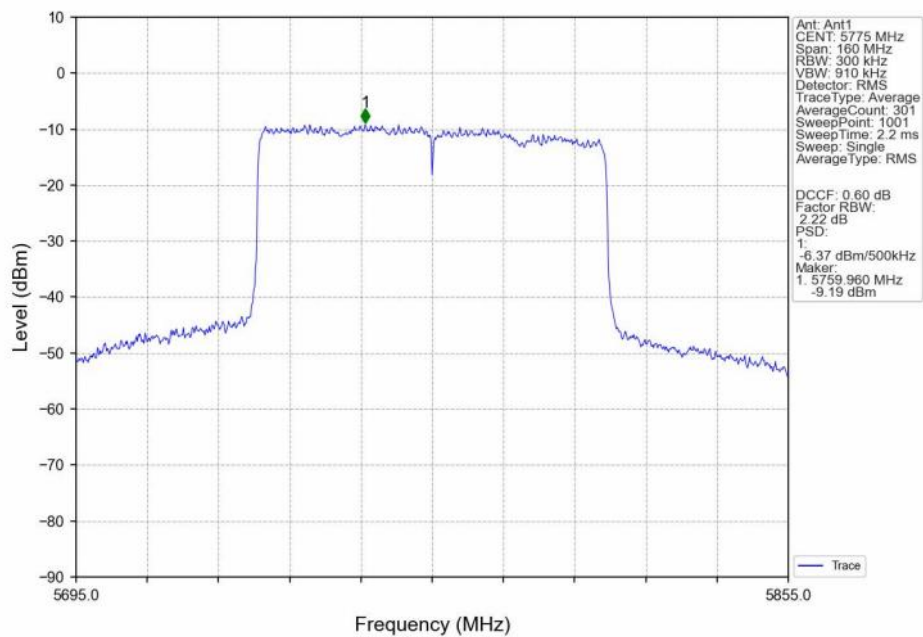
802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_/_Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

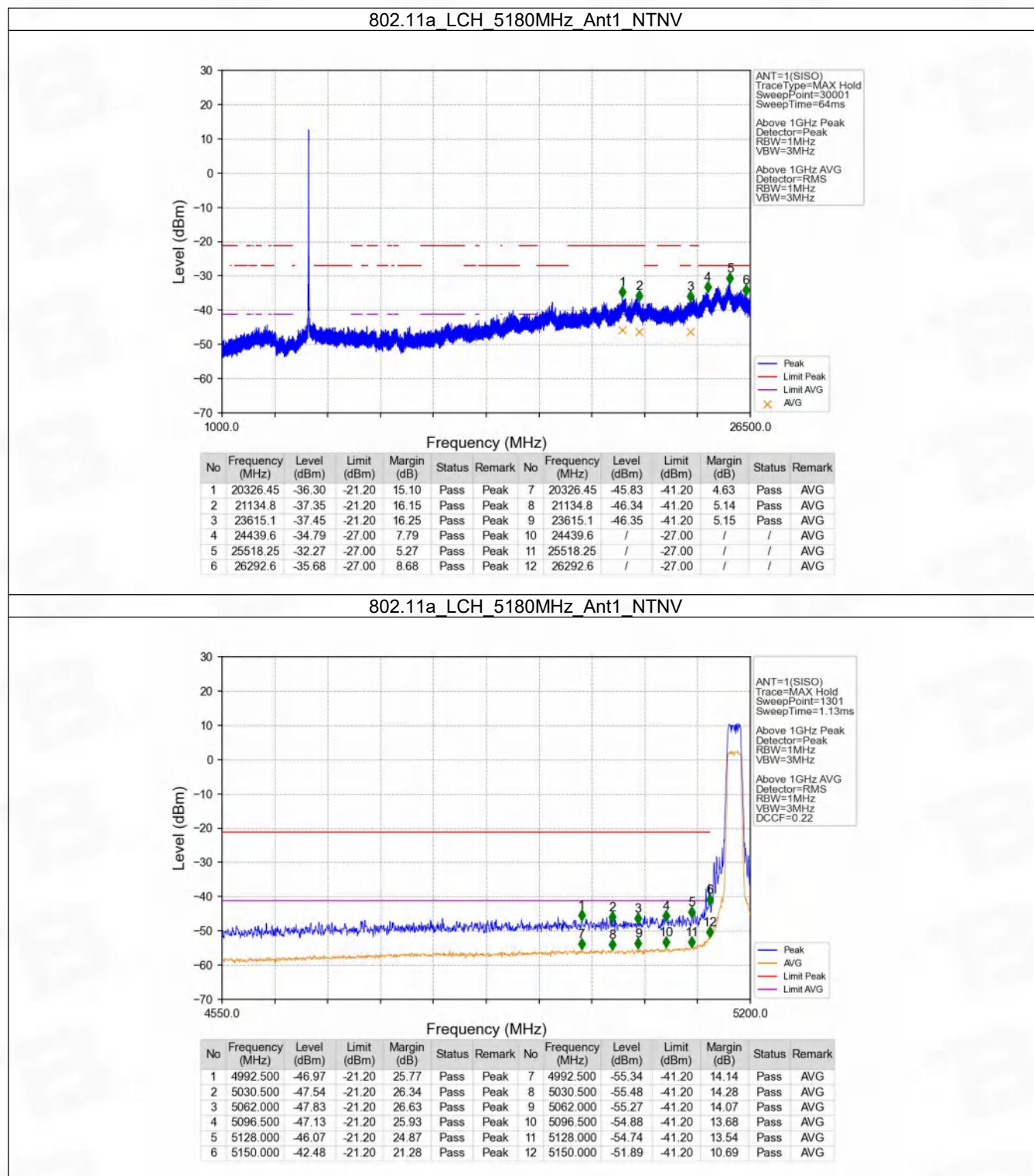
5.1 Test Result

5.1.1 RSE

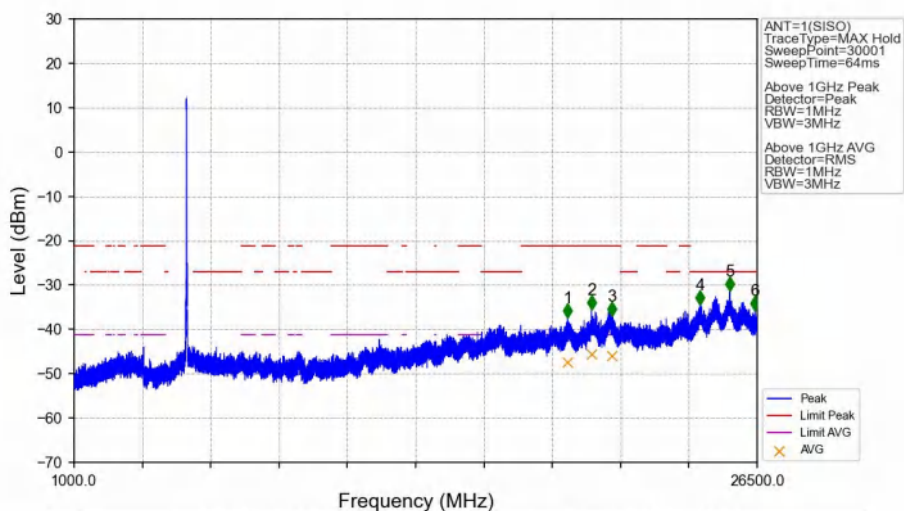
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	Refer To Test Graph		Pass
		5200	/	/	1	Refer To Test Graph		Pass
		5240	/	/	1	Refer To Test Graph		Pass
		5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	/	/	1	Refer To Test Graph		Pass
		5200	/	/	1	Refer To Test Graph		Pass
		5240	/	/	1	Refer To Test Graph		Pass
		5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	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
		5200	/	/	1	Refer To Test Graph		Pass
		5240	/	/	1	Refer To Test Graph		Pass
		5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	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
802.11ax (HEW20)	SISO	5180	SU	/	1	Refer To Test Graph		Pass
		5200	SU	/	1	Refer To Test Graph		Pass
		5240	SU	/	1	Refer To Test Graph		Pass
		5745	SU	/	1	Refer To Test Graph		Pass
		5785	SU	/	1	Refer To Test Graph		Pass
		5825	SU	/	1	Refer To Test Graph		Pass
802.11ax (HEW40)	SISO	5190	SU	/	1	Refer To Test Graph		Pass
		5230	SU	/	1	Refer To Test Graph		Pass
		5755	SU	/	1	Refer To Test Graph		Pass
		5795	SU	/	1	Refer To Test Graph		Pass
802.11ax (HEW80)	SISO	5210	SU	/	1	Refer To Test Graph		Pass
		5775	SU	/	1	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 RSE

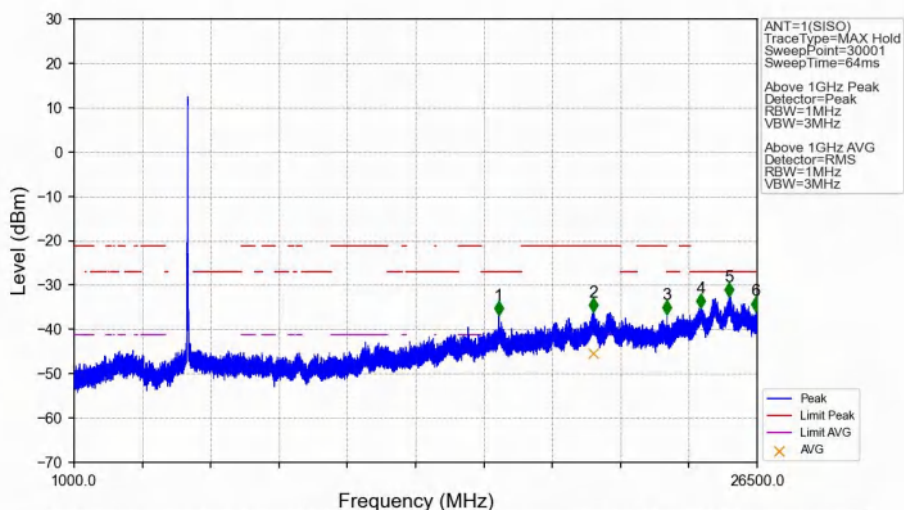


802.11a_MCH_5200MHz_Ant1_NTNV



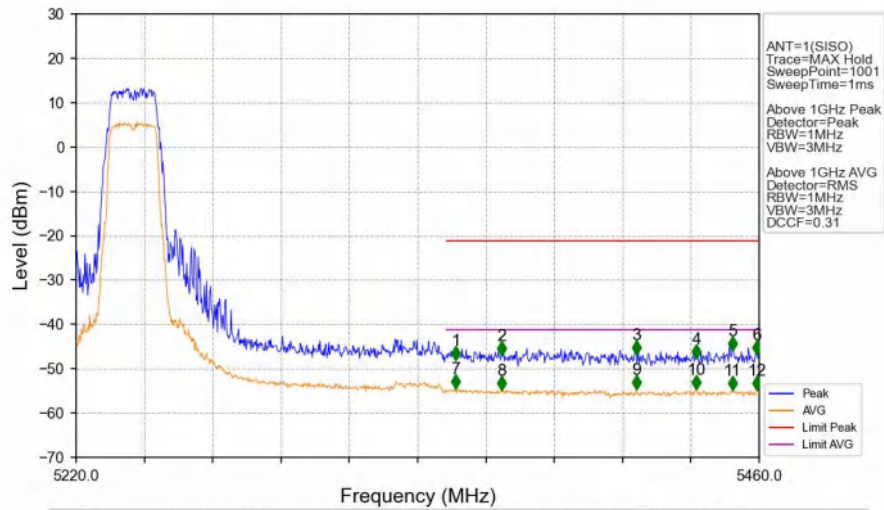
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19422.9	-37.30	-21.20	16.10	Pass	Peak	7	19422.9	-47.39	-41.20	6.19	Pass	AVG
2	20312	-35.50	-21.20	14.30	Pass	Peak	8	20312	-45.56	-41.20	4.36	Pass	AVG
3	21084.65	-36.89	-21.20	15.69	Pass	Peak	9	21084.65	-45.98	-41.20	4.78	Pass	AVG
4	24370.75	-34.37	-27.00	7.37	Pass	Peak	10	24370.75	/	-27.00	/	/	AVG
5	25474.05	-31.35	-27.00	4.35	Pass	Peak	11	25474.05	/	-27.00	/	/	AVG
6	26416.7	-35.62	-27.00	8.62	Pass	Peak	12	26416.7	/	-27.00	/	/	AVG

802.11a_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	16854.2	-36.71	-27.00	9.71	Pass	Peak	7	16854.2	/	-27.00	/	/	AVG
2	20374.9	-36.02	-21.20	14.82	Pass	Peak	8	20374.9	-45.50	-41.20	4.30	Pass	AVG
3	23138.25	-36.53	-27.00	9.53	Pass	Peak	9	23138.25	/	-27.00	/	/	AVG
4	24397.1	-35.07	-27.00	8.07	Pass	Peak	10	24397.1	/	-27.00	/	/	AVG
5	25452.8	-32.62	-27.00	5.62	Pass	Peak	11	25452.8	/	-27.00	/	/	AVG
6	26452.4	-35.79	-27.00	8.79	Pass	Peak	12	26452.4	/	-27.00	/	/	AVG

802.11a_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	5353.440	-48.05	-21.20	26.85	Pass	Peak	7	5353.440	-54.52	-41.20	13.32	Pass	AVG
2	5369.520	-47.05	-21.20	25.85	Pass	Peak	8	5369.520	-54.82	-41.20	13.62	Pass	AVG
3	5416.800	-46.74	-21.20	25.54	Pass	Peak	9	5416.800	-54.63	-41.20	13.43	Pass	AVG
4	5437.920	-47.78	-21.20	26.58	Pass	Peak	10	5437.920	-54.63	-41.20	13.43	Pass	AVG
5	5450.640	-45.89	-21.20	24.69	Pass	Peak	11	5450.640	-54.75	-41.20	13.55	Pass	AVG
6	5459.280	-46.80	-21.20	25.60	Pass	Peak	12	5459.280	-54.80	-41.20	13.60	Pass	AVG

802.11a_LCH_5745MHz_Ant1_NTNV

