

1. Duty Cycle

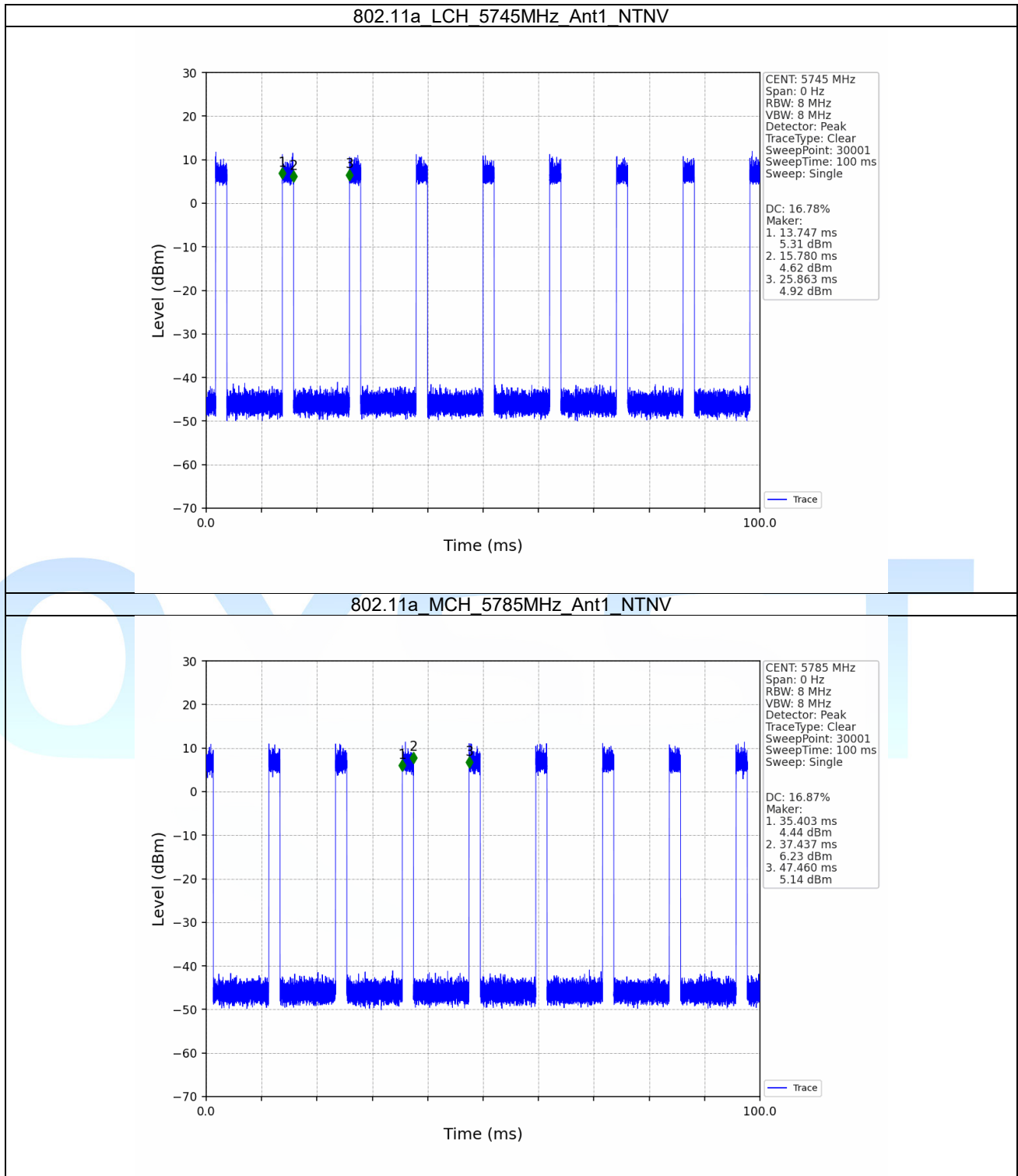
1.1 Test Result

1.1.1 Ant1

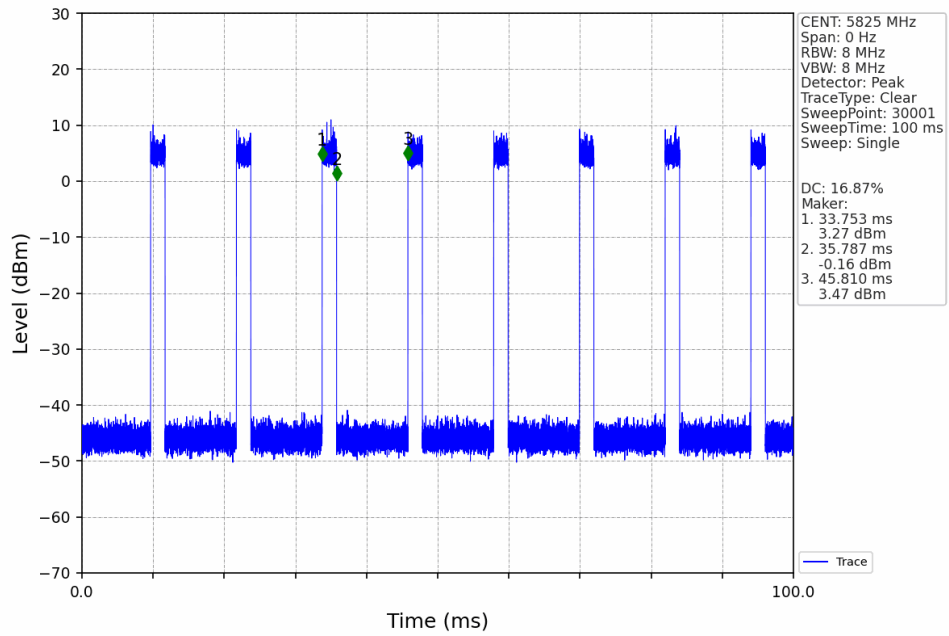
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	/	/	2.033	12.116	16.78	7.75	0.11
		5785	/	/	2.034	12.057	16.87	7.73	0.03
		5825	/	/	2.034	12.057	16.87	7.73	0.01
802.11n (HT20)	SISO	5745	/	/	1.893	12.480	15.17	8.19	0.75
		5785	/	/	1.893	11.927	15.87	7.99	0.05
		5825	/	/	1.894	11.917	15.89	7.99	0.01
802.11n (HT40)	SISO	5755	/	/	0.933	10.957	8.52	10.70	0.03
		5795	/	/	0.934	10.957	8.52	10.69	0.03
802.11ac (VHT20)	SISO	5745	/	/	1.900	11.917	15.94	7.97	0.03
		5785	/	/	1.900	11.924	15.93	7.98	0.03
		5825	/	/	1.900	11.920	15.94	7.98	0.02
802.11ac (VHT40)	SISO	5755	/	/	0.940	11.456	8.21	10.86	0.38
		5795	/	/	0.940	11.000	8.55	10.68	0.03
802.11ac (VHT80)	SISO	5775	/	/	0.457	10.477	4.36	13.60	0.03
802.11ax (HEW20)	SISO	5745	SU	/	1.463	11.480	12.74	8.95	0.03
		5785	SU	/	1.460	11.483	12.71	8.96	0.03
		5825	SU	/	1.460	11.480	12.72	8.96	0.03
802.11ax (HEW40)	SISO	5755	SU	/	0.763	10.783	7.08	11.50	0.03
		5795	SU	/	0.763	10.787	7.07	11.50	0.00
802.11ax (HEW80)	SISO	5775	SU	/	0.393	10.413	3.77	14.23	0.03

1.2 Test Graph

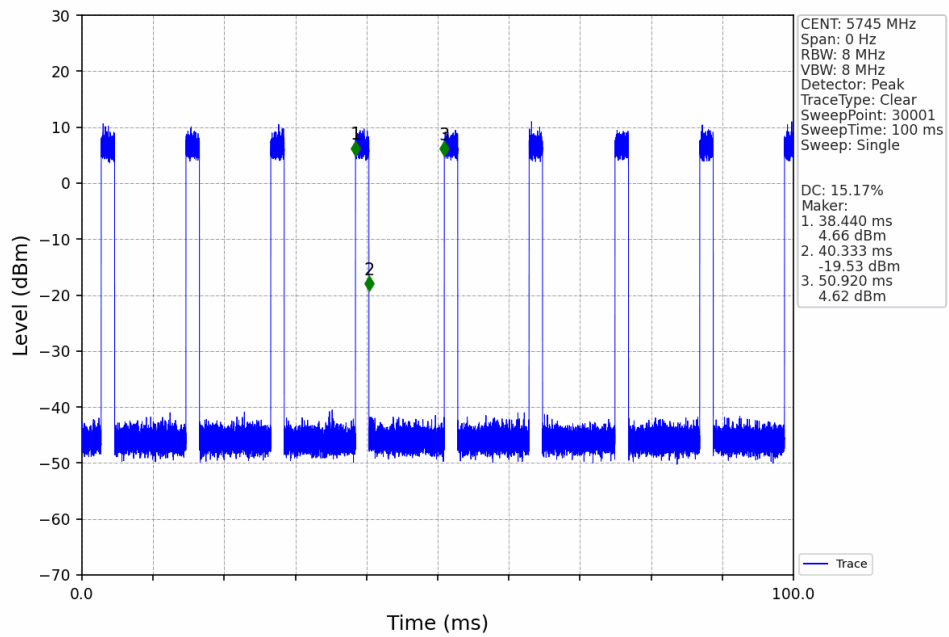
1.2.1 Ant1



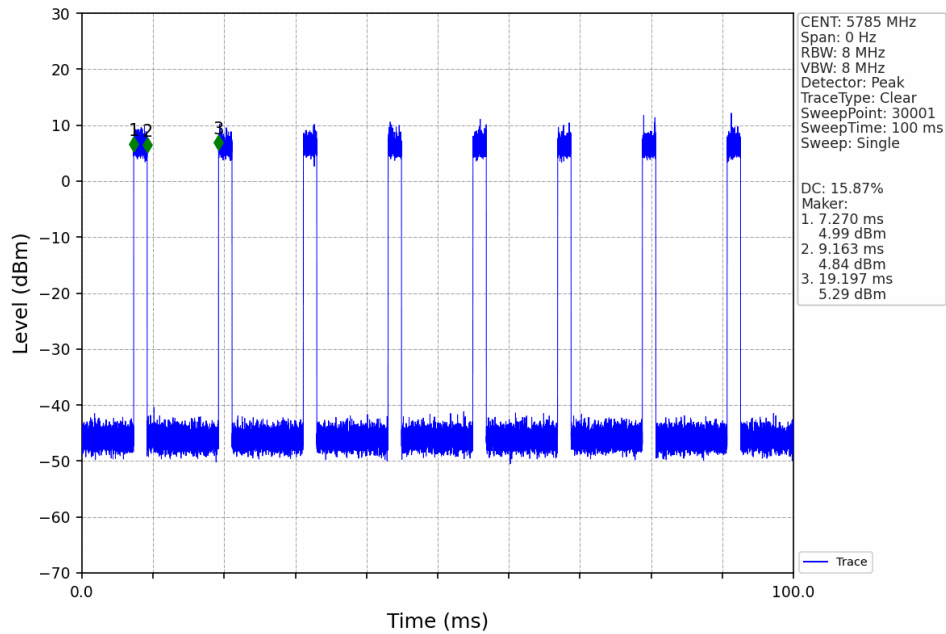
802.11a_HCH_5825MHz_Ant1_NTNV



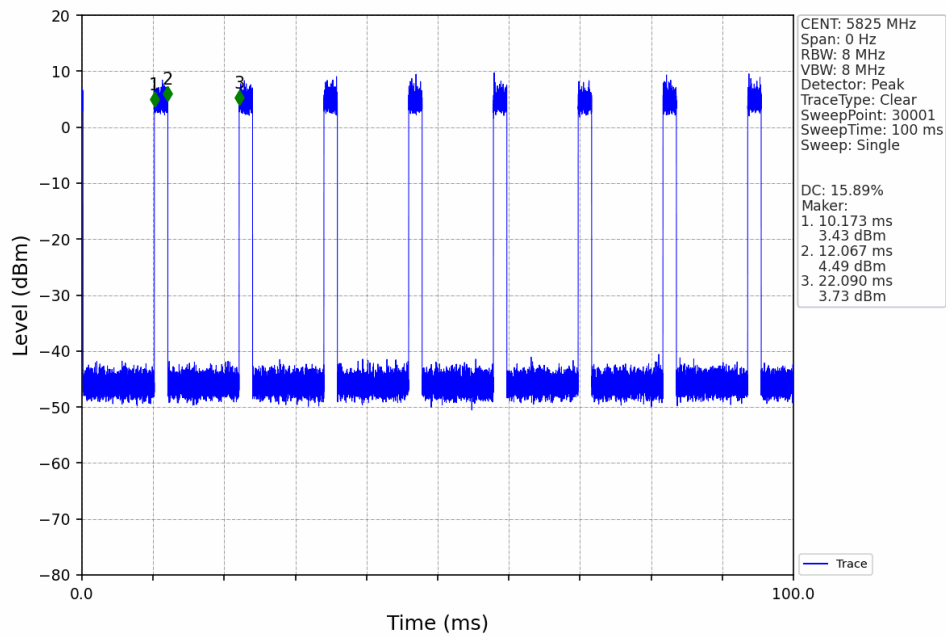
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



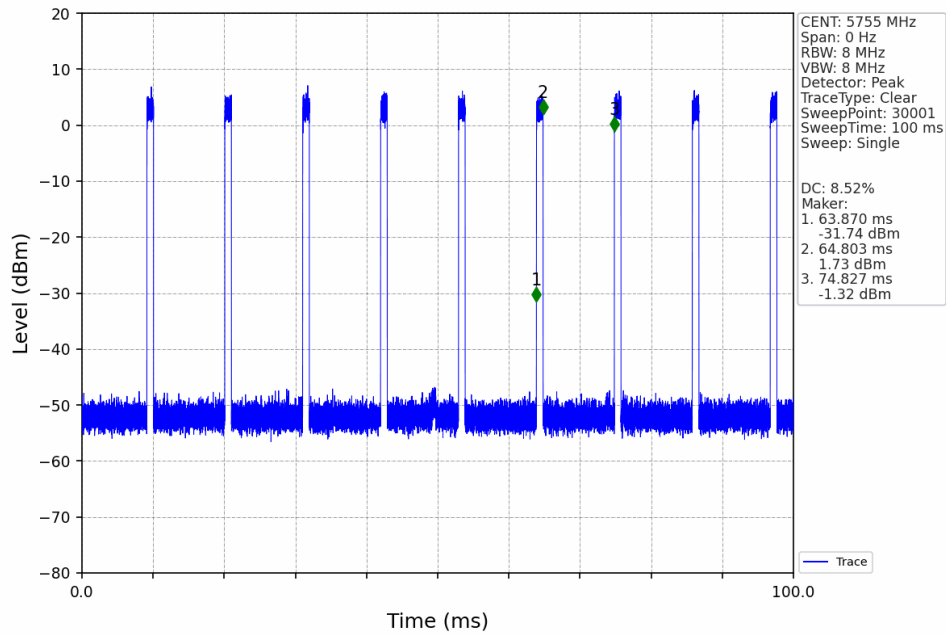
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



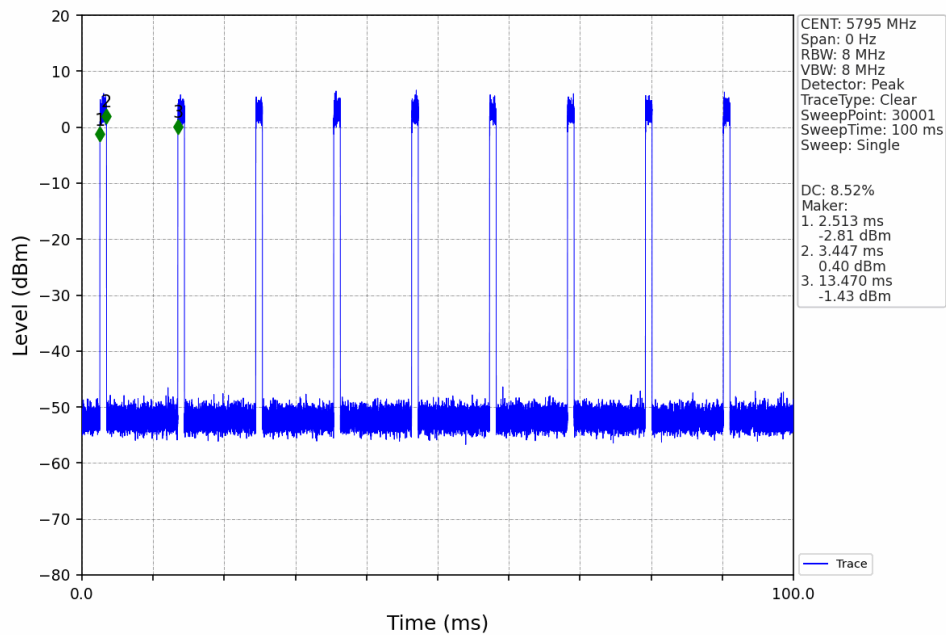
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



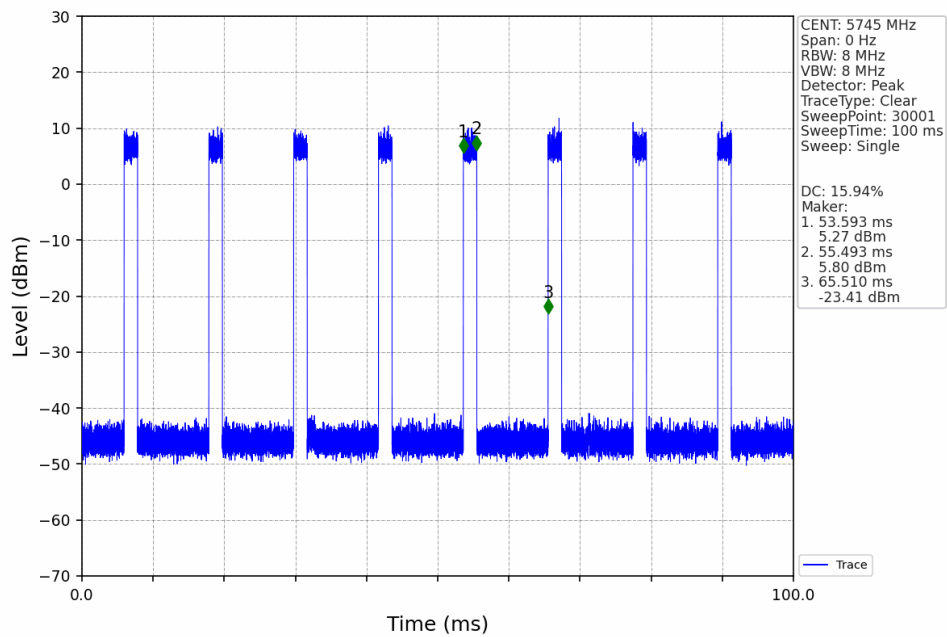
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



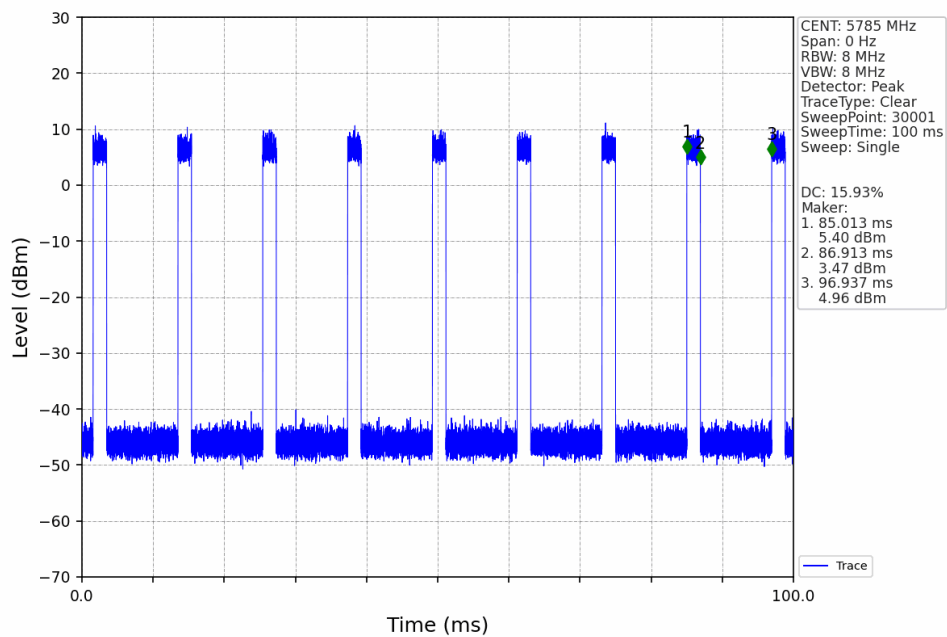
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



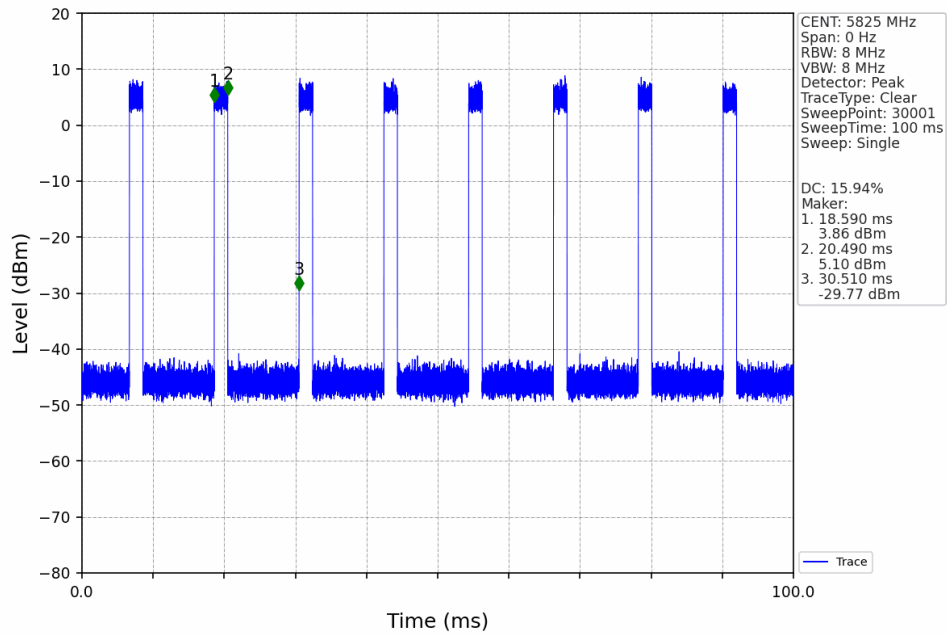
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



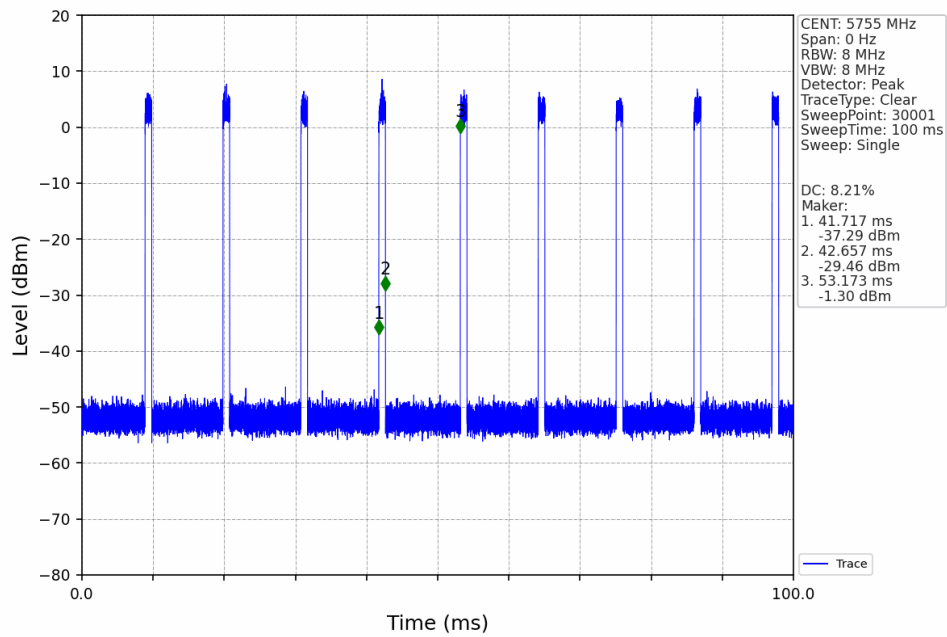
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



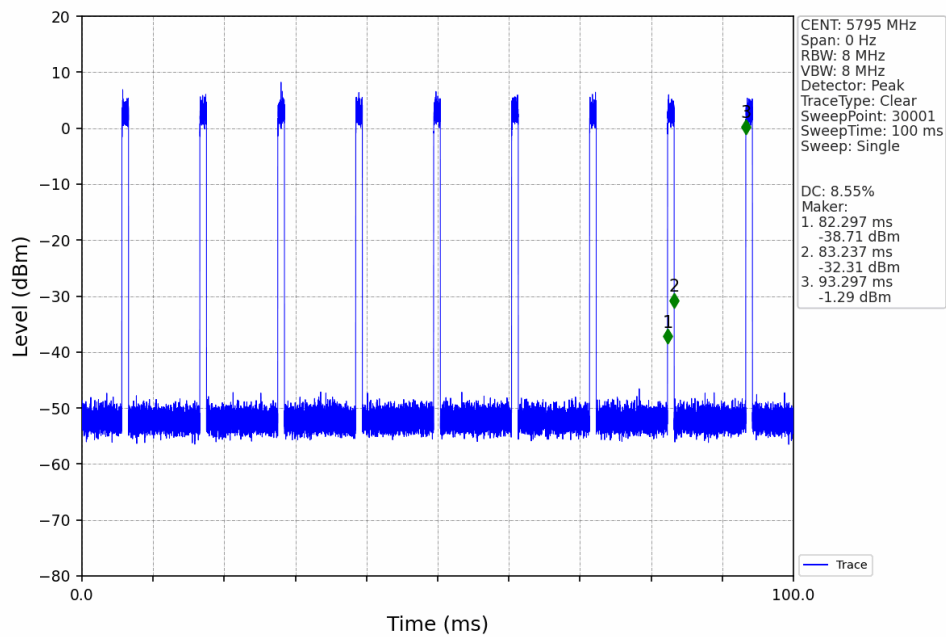
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



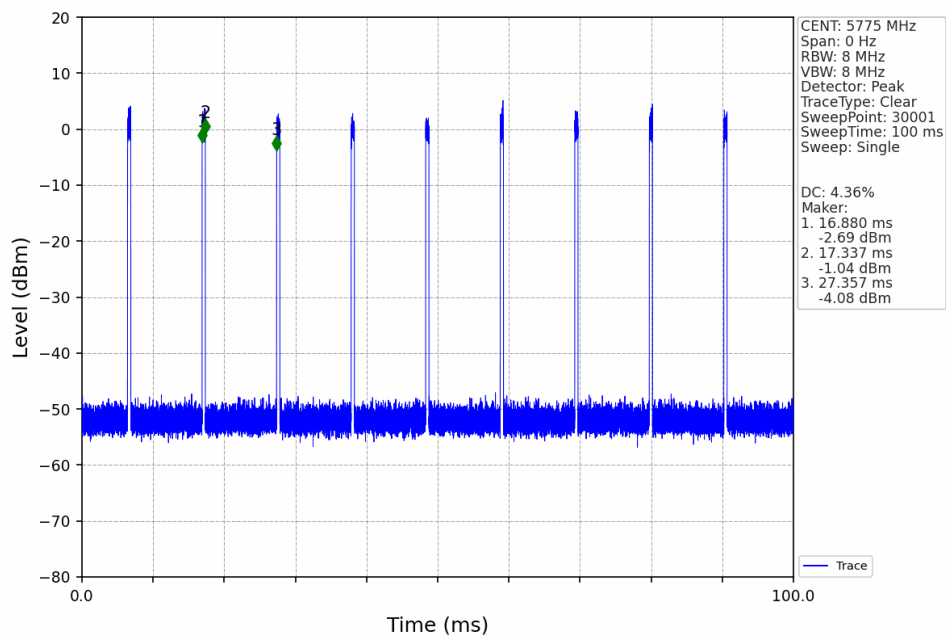
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



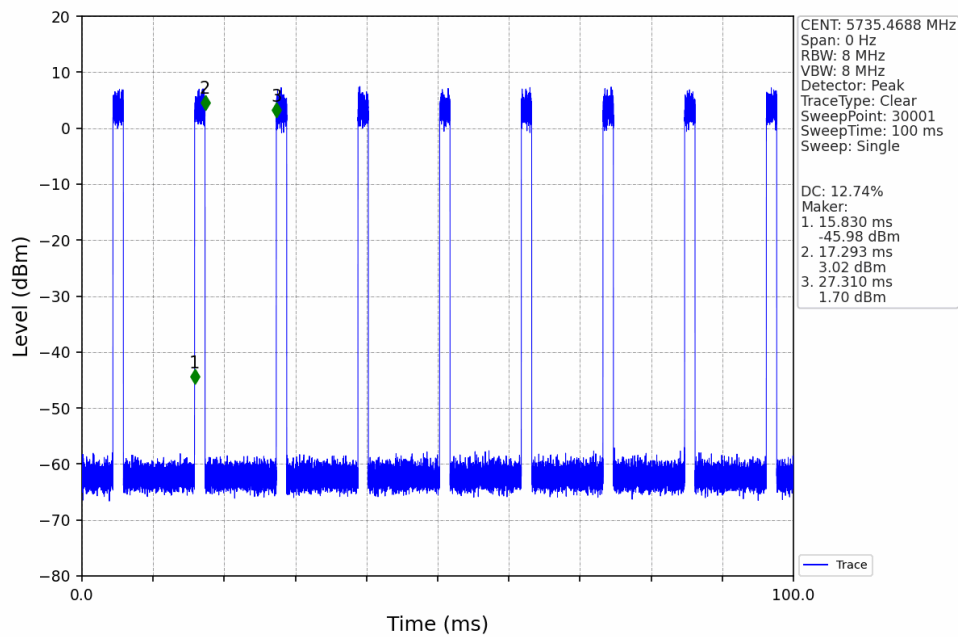
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



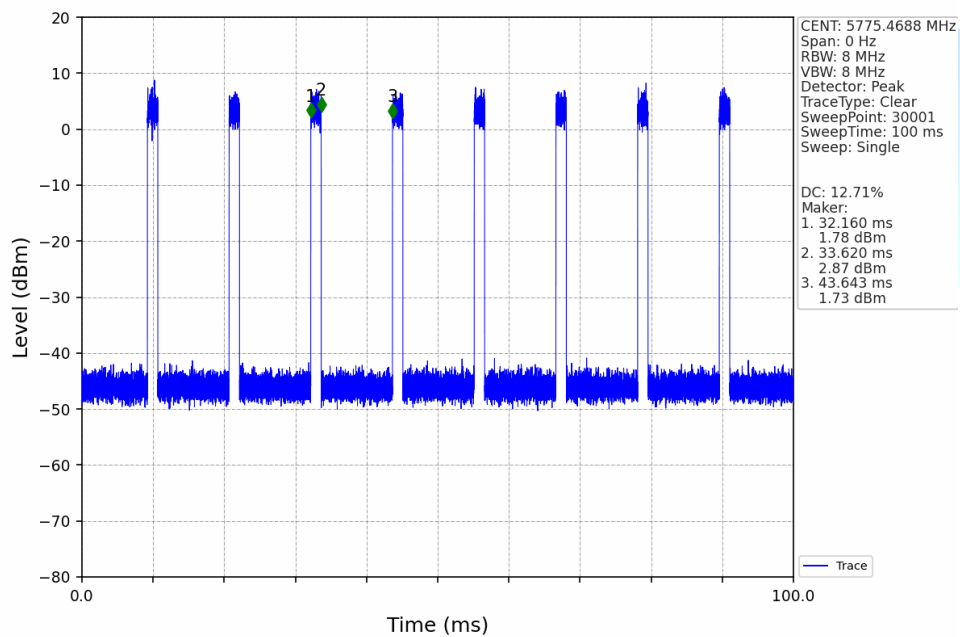
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



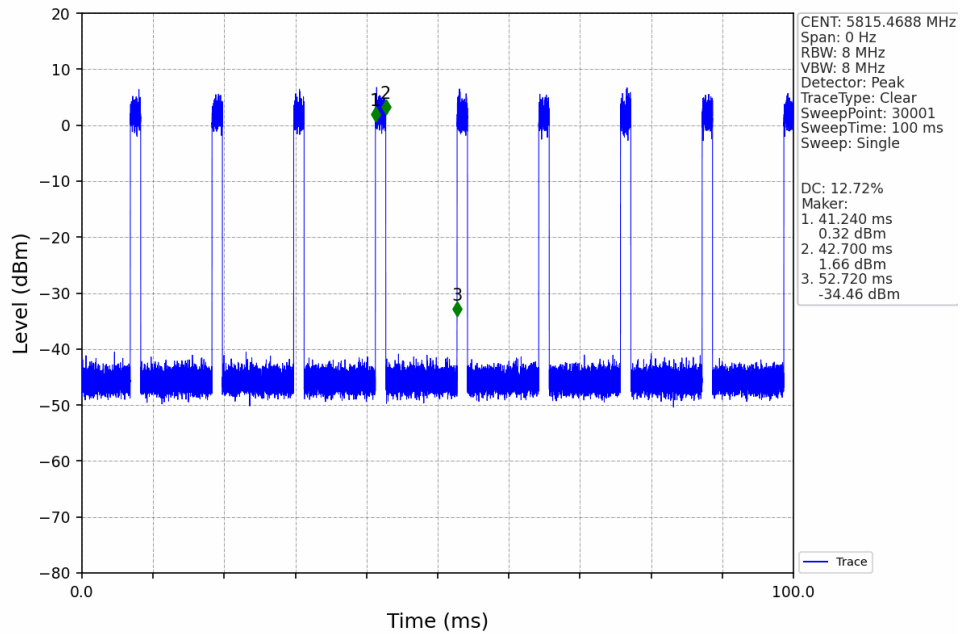
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



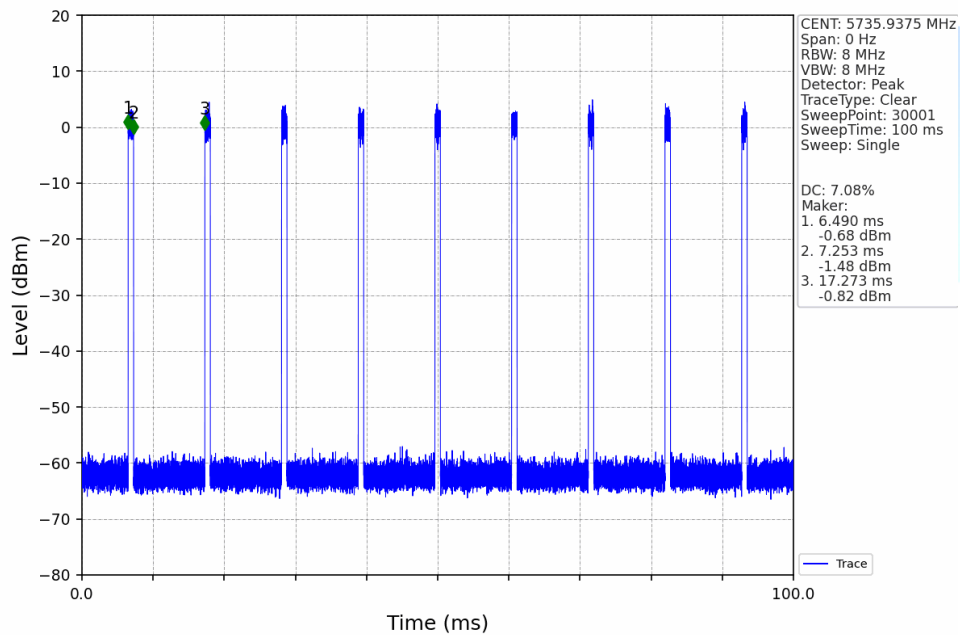
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



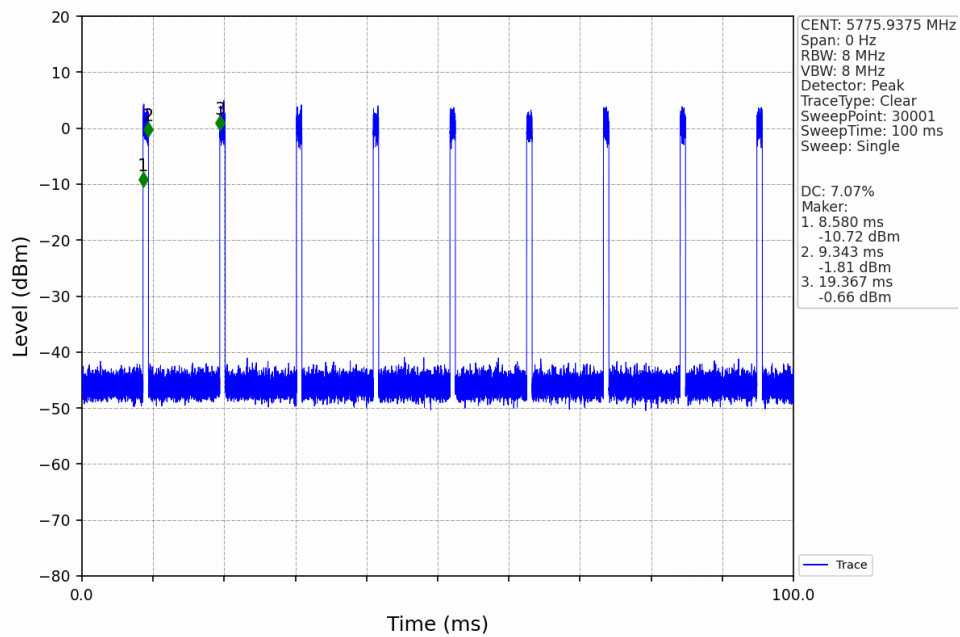
802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



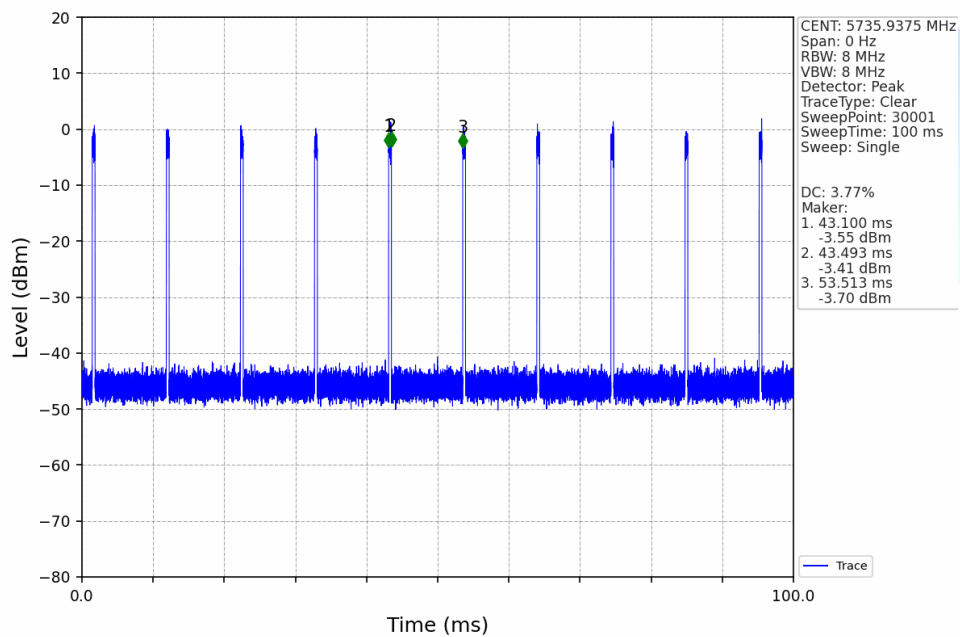
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	18.752	/	Pass
		5785	/	/	1	18.563	/	Pass
		5825	/	/	1	18.744	/	Pass
802.11n (HT20)	SISO	5745	/	/	1	19.556	/	Pass
		5785	/	/	1	19.640	/	Pass
		5825	/	/	1	19.698	/	Pass
802.11n (HT40)	SISO	5755	/	/	1	37.971	/	Pass
		5795	/	/	1	37.595	/	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	19.525	/	Pass
		5785	/	/	1	19.720	/	Pass
		5825	/	/	1	19.620	/	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	37.781	/	Pass
		5795	/	/	1	37.762	/	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	77.223	/	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	20.074	/	Pass
		5785	SU	/	1	20.188	/	Pass
		5825	SU	/	1	20.205	/	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	38.978	/	Pass
		5795	SU	/	1	38.822	/	Pass
802.11ax (HEW80)	SISO	5775	SU	/	1	78.749	/	Pass

2.1.2 6dB BW

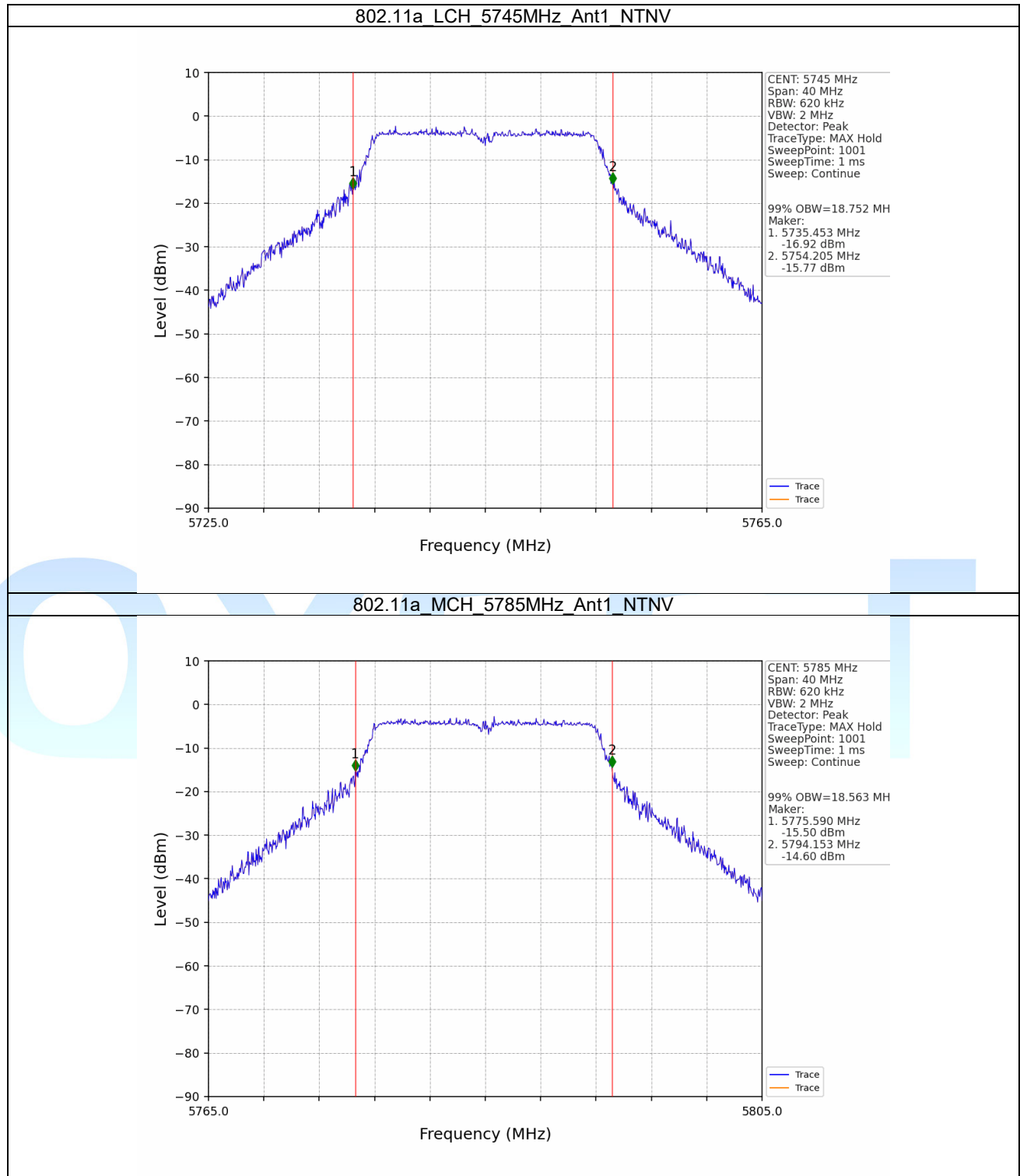
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.389	≥ 0.5	Pass
		5785	/	/	1	16.383	≥ 0.5	Pass
		5825	/	/	1	16.390	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.710	≥ 0.5	Pass
		5785	/	/	1	17.645	≥ 0.5	Pass
		5825	/	/	1	17.701	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.365	≥ 0.5	Pass
		5795	/	/	1	36.339	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.629	≥ 0.5	Pass
		5785	/	/	1	17.627	≥ 0.5	Pass
		5825	/	/	1	17.601	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.357	≥ 0.5	Pass
		5795	/	/	1	36.365	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	76.336	≥ 0.5	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	18.983	≥ 0.5	Pass
		5785	SU	/	1	18.954	≥ 0.5	Pass
		5825	SU	/	1	18.994	≥ 0.5	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	38.017	≥ 0.5	Pass
		5795	SU	/	1	37.859	≥ 0.5	Pass
802.11ax	SISO	5775	SU	/	1	77.464	≥ 0.5	Pass

(HEW80)								
---------	--	--	--	--	--	--	--	--

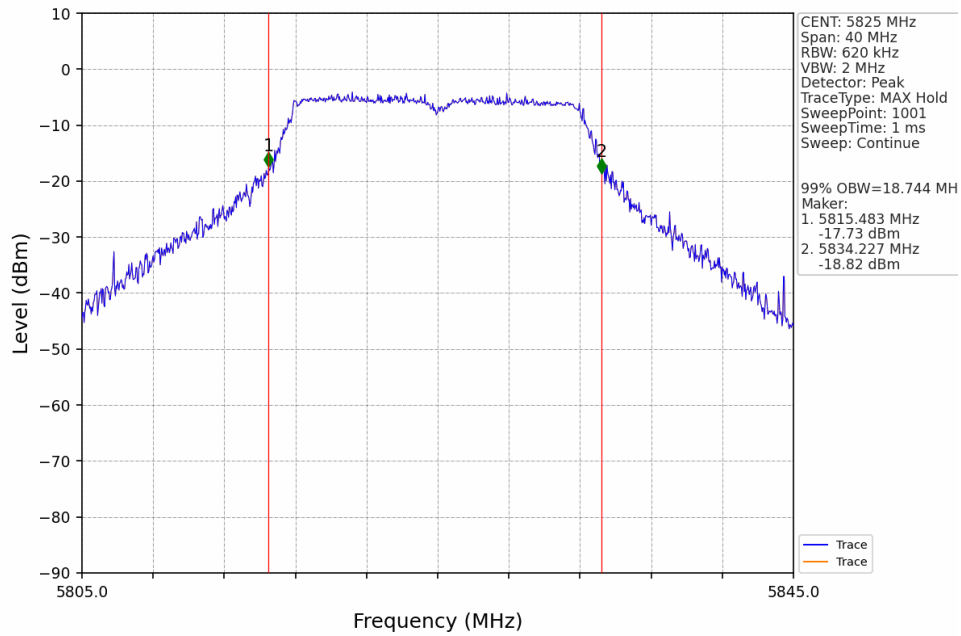


2.2 Test Graph

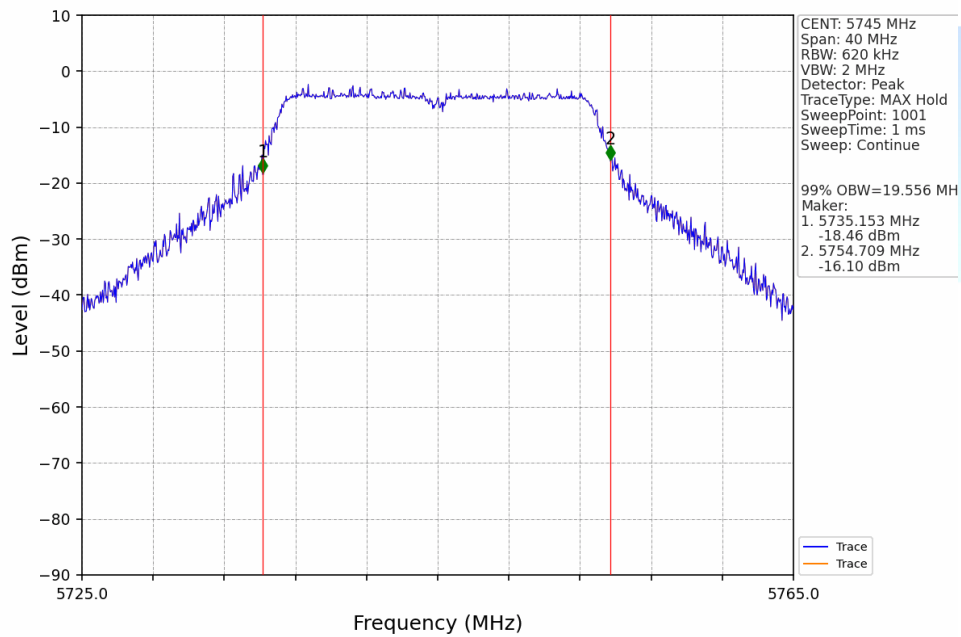
2.2.1 OBW



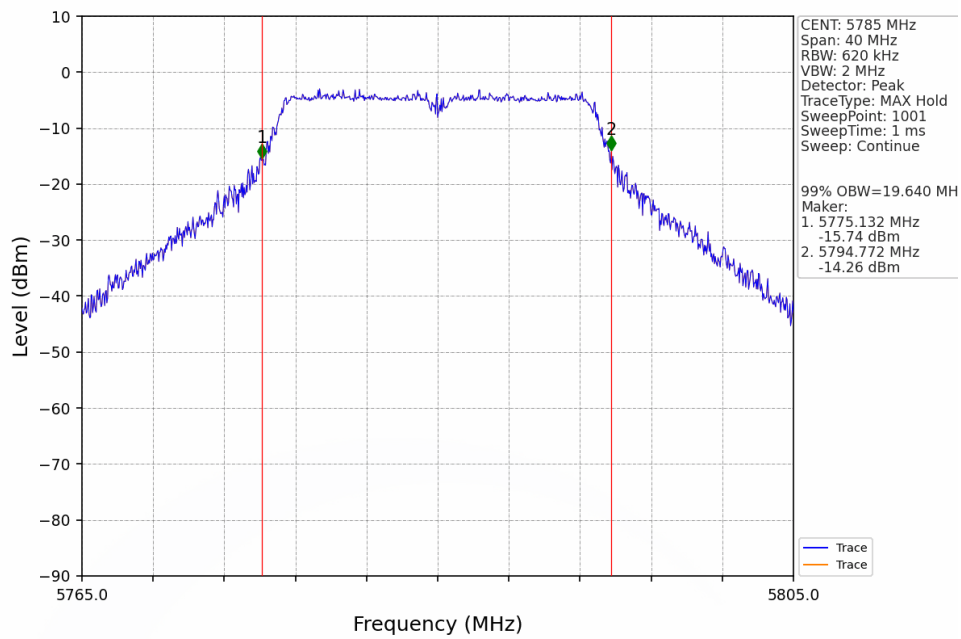
802.11a_HCH_5825MHz_Ant1_NTNV



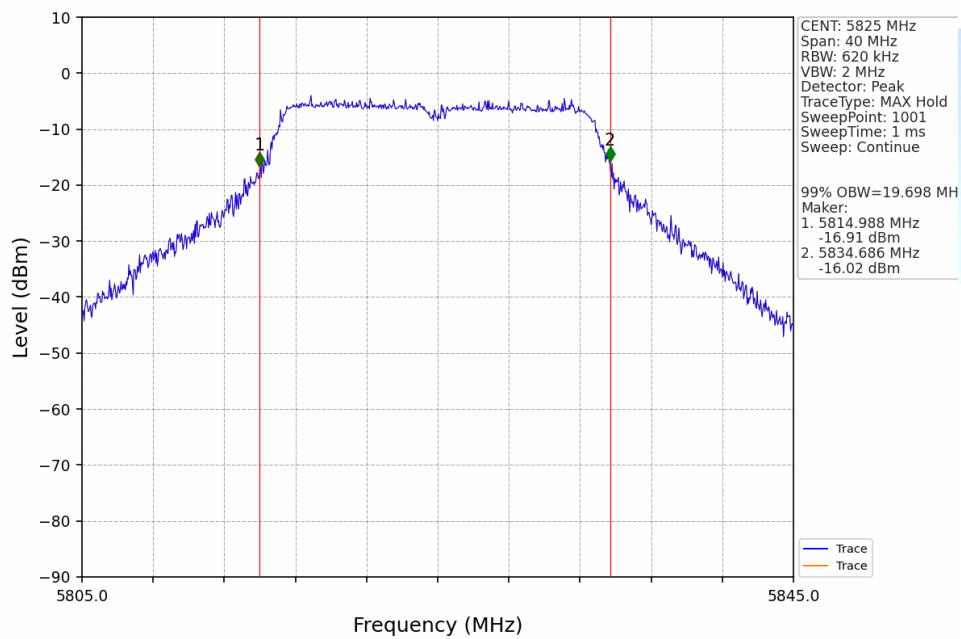
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



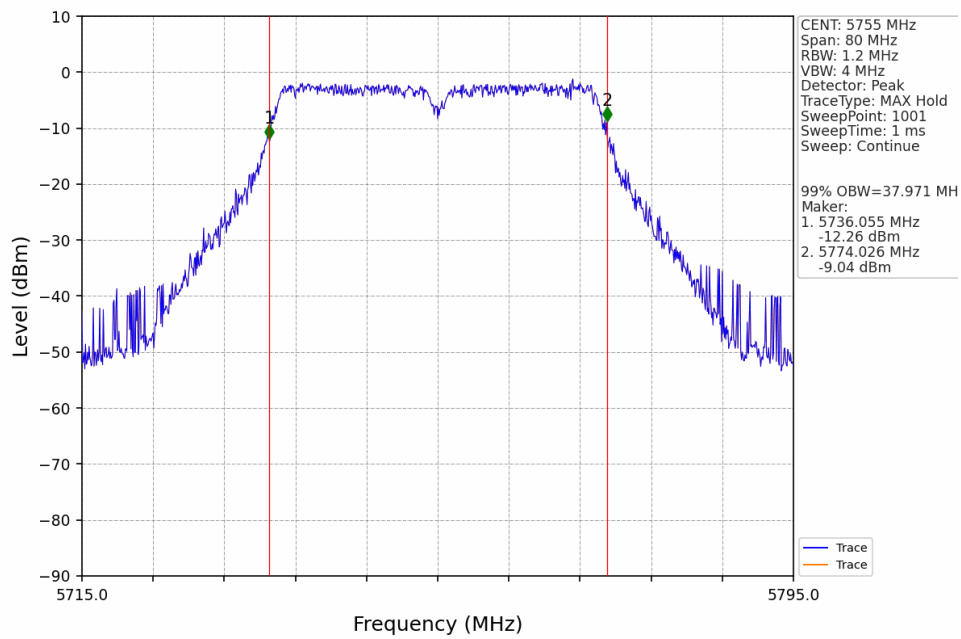
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



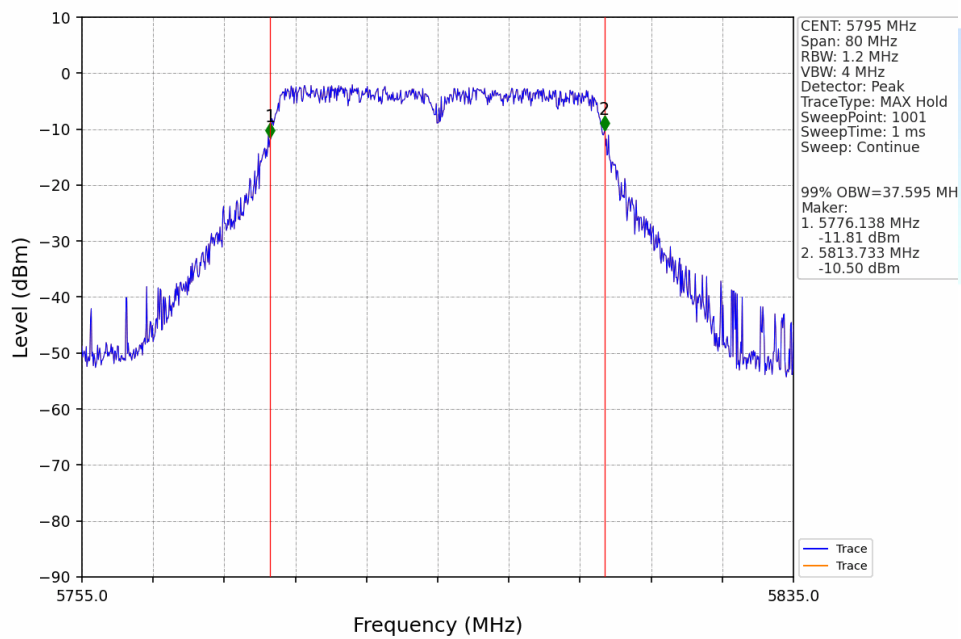
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



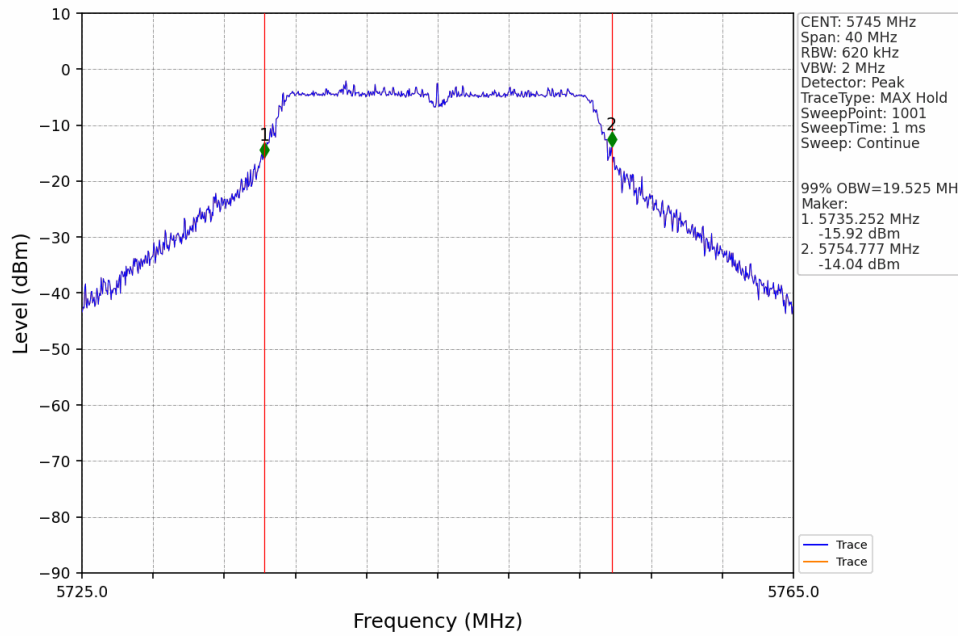
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



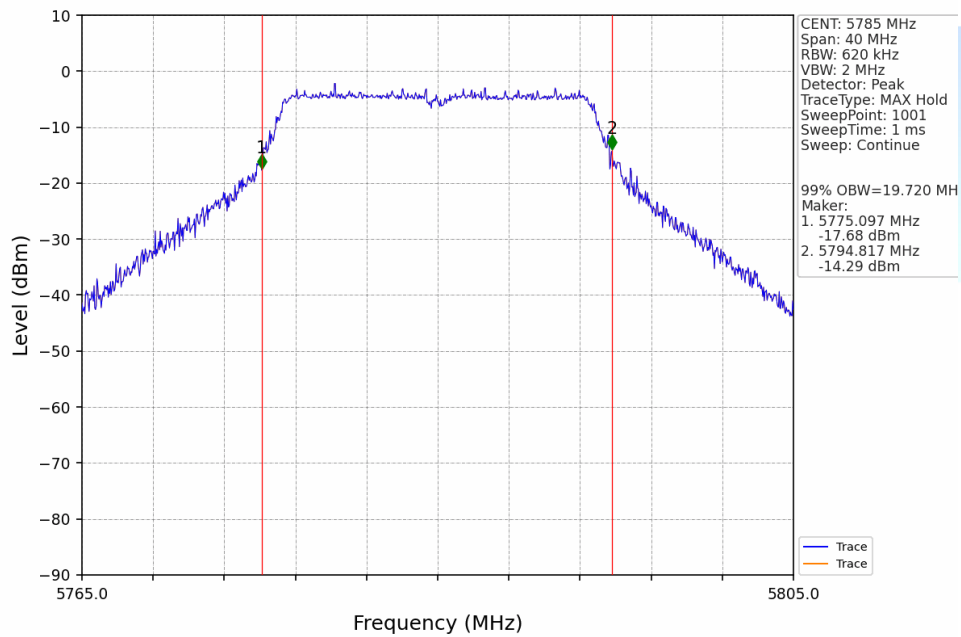
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



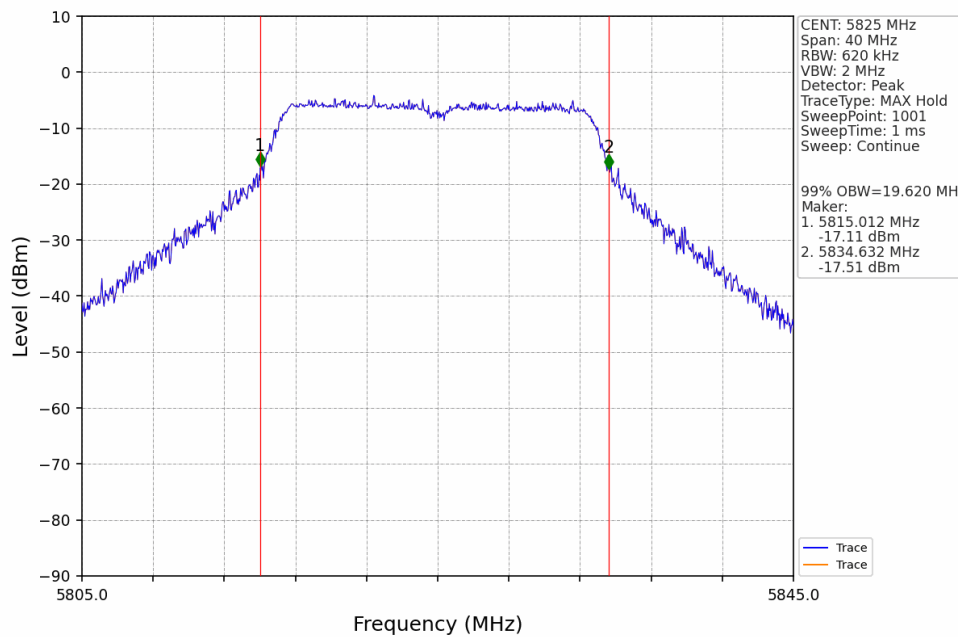
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



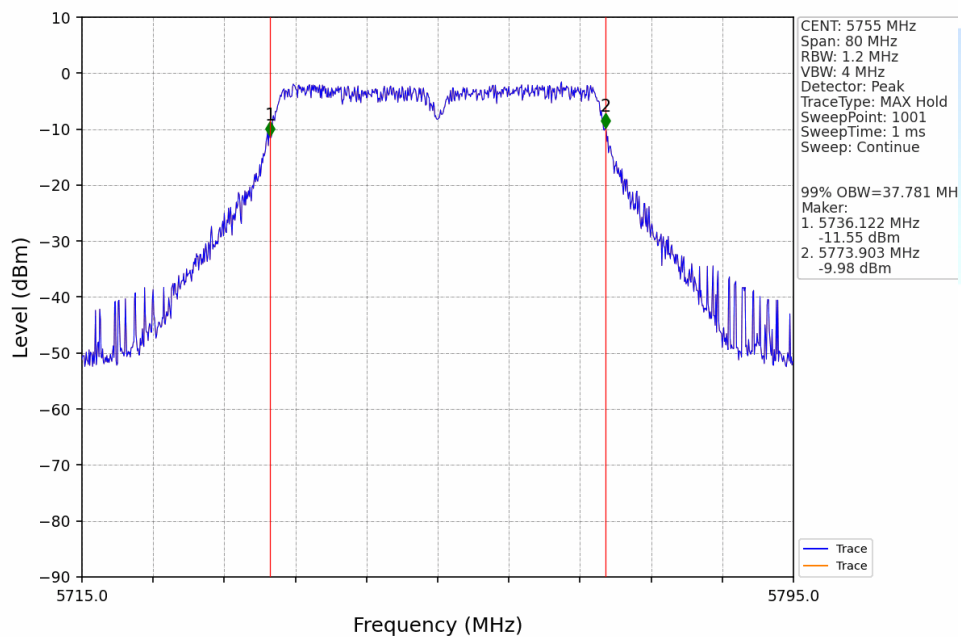
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



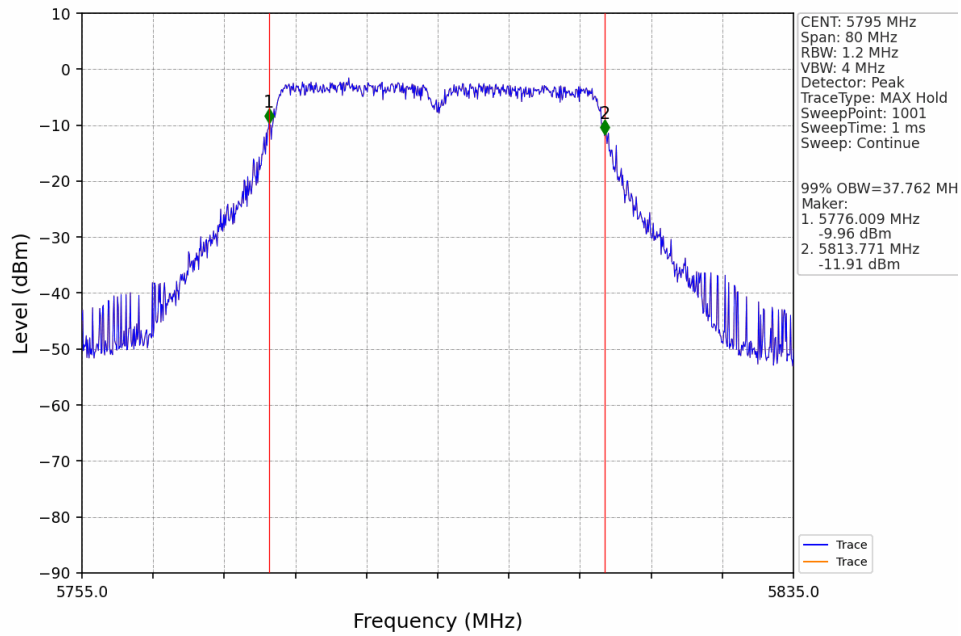
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



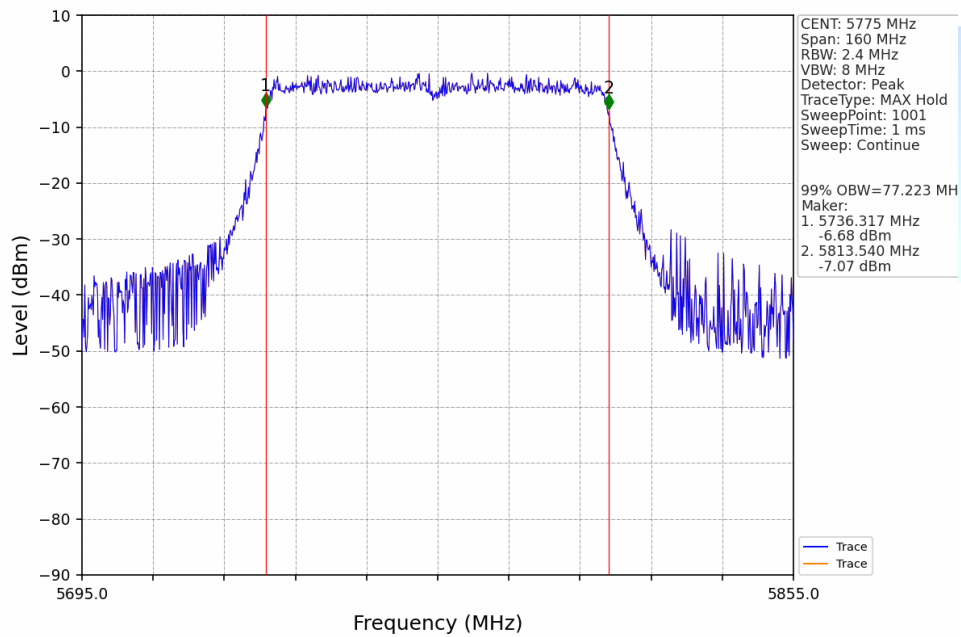
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



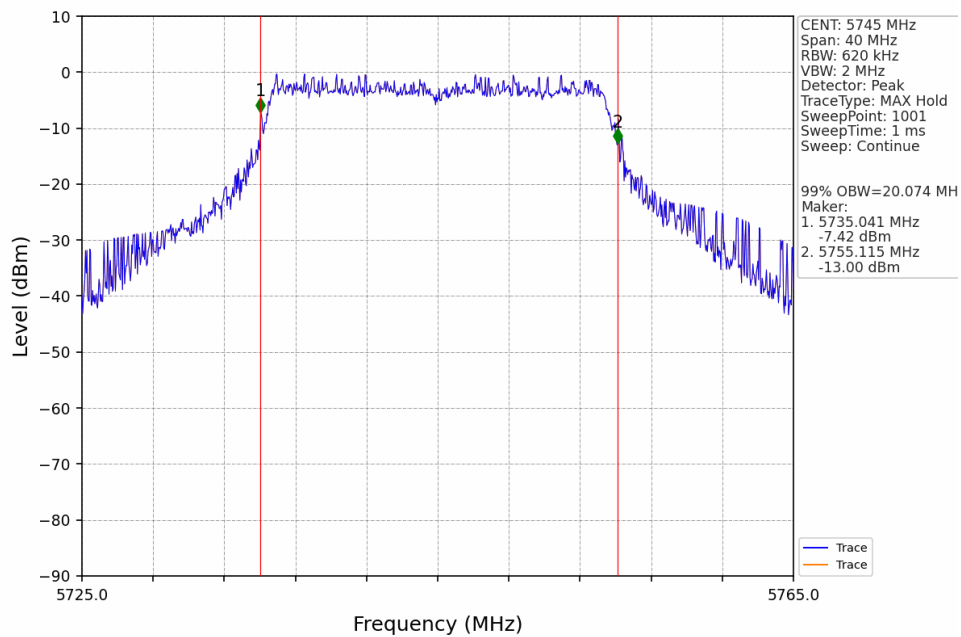
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



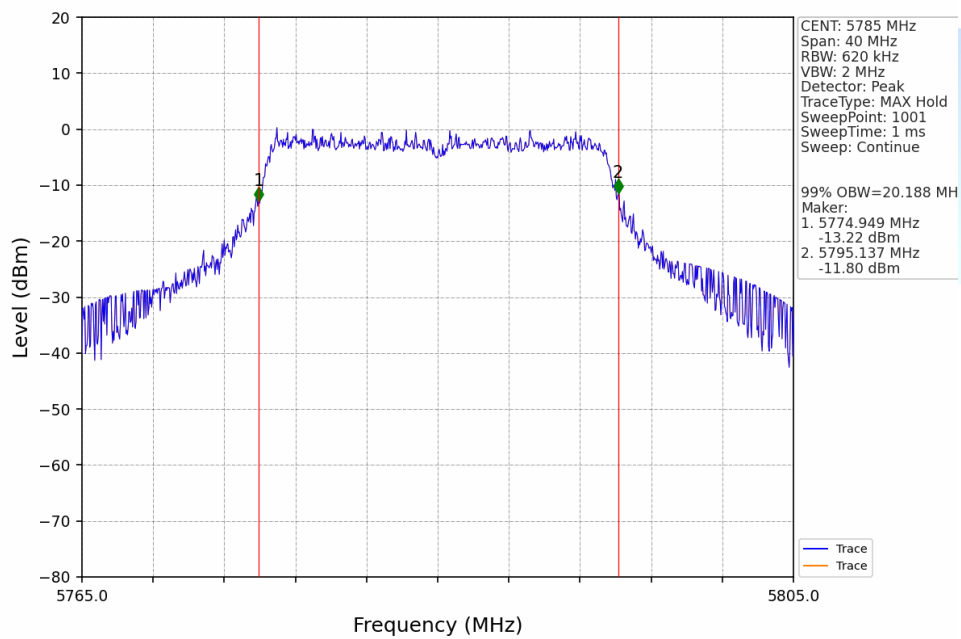
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



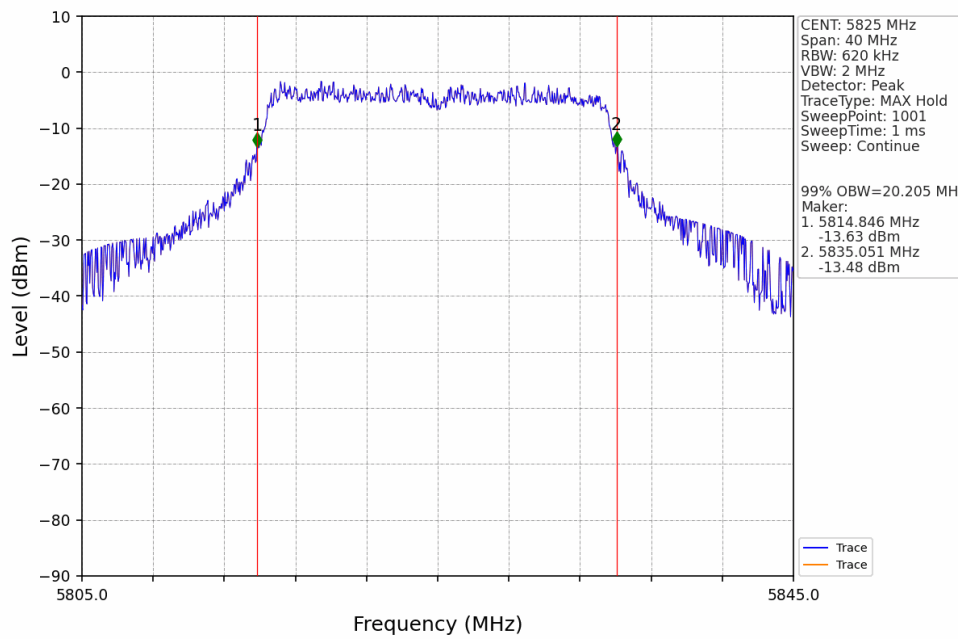
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



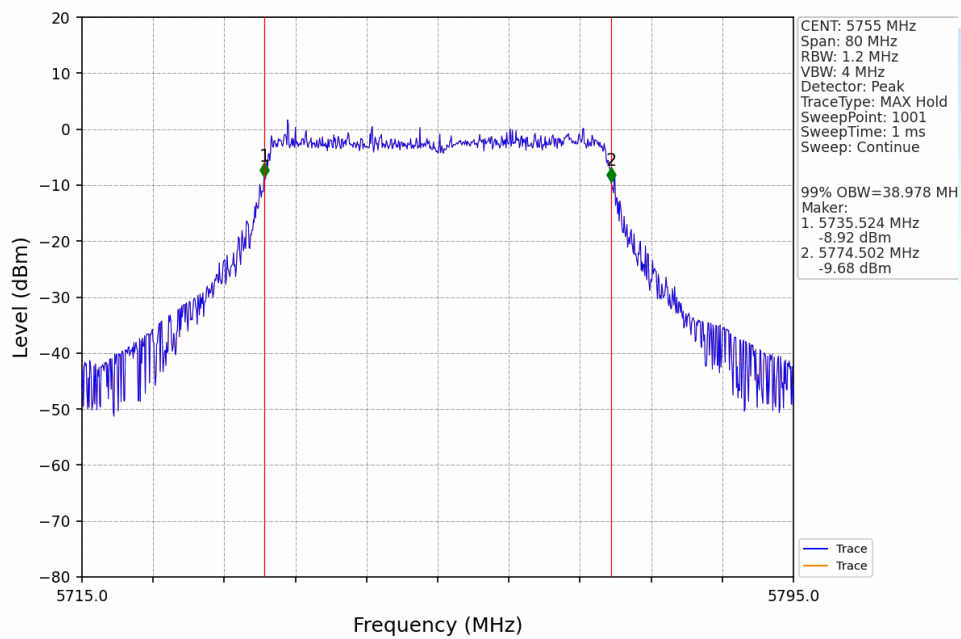
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



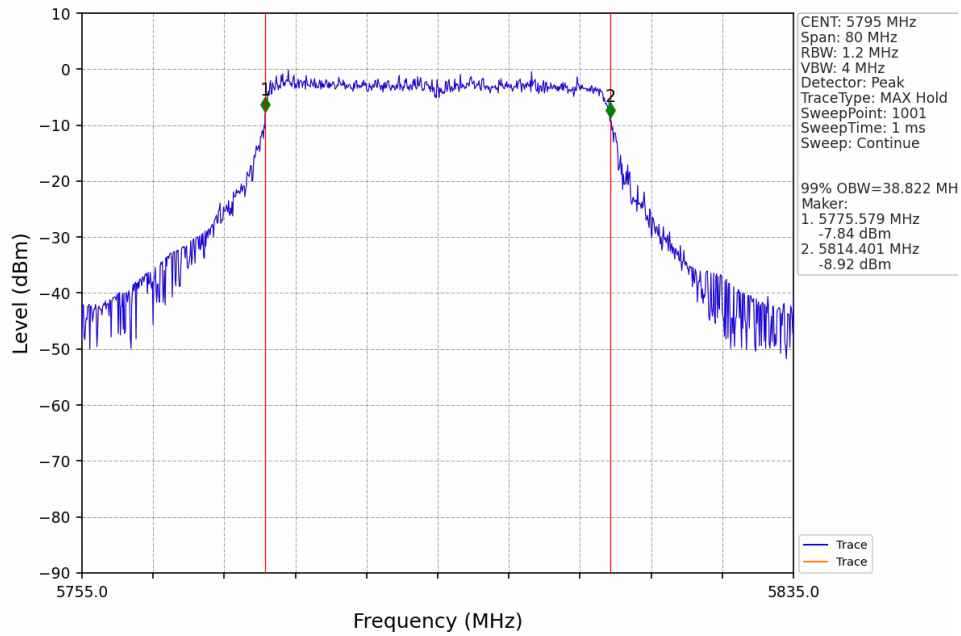
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



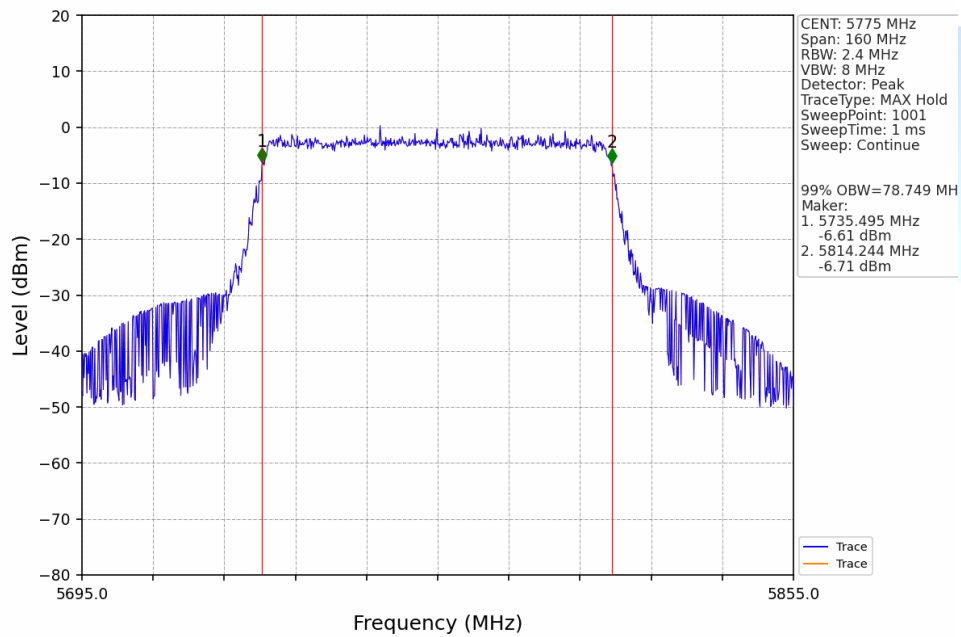
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



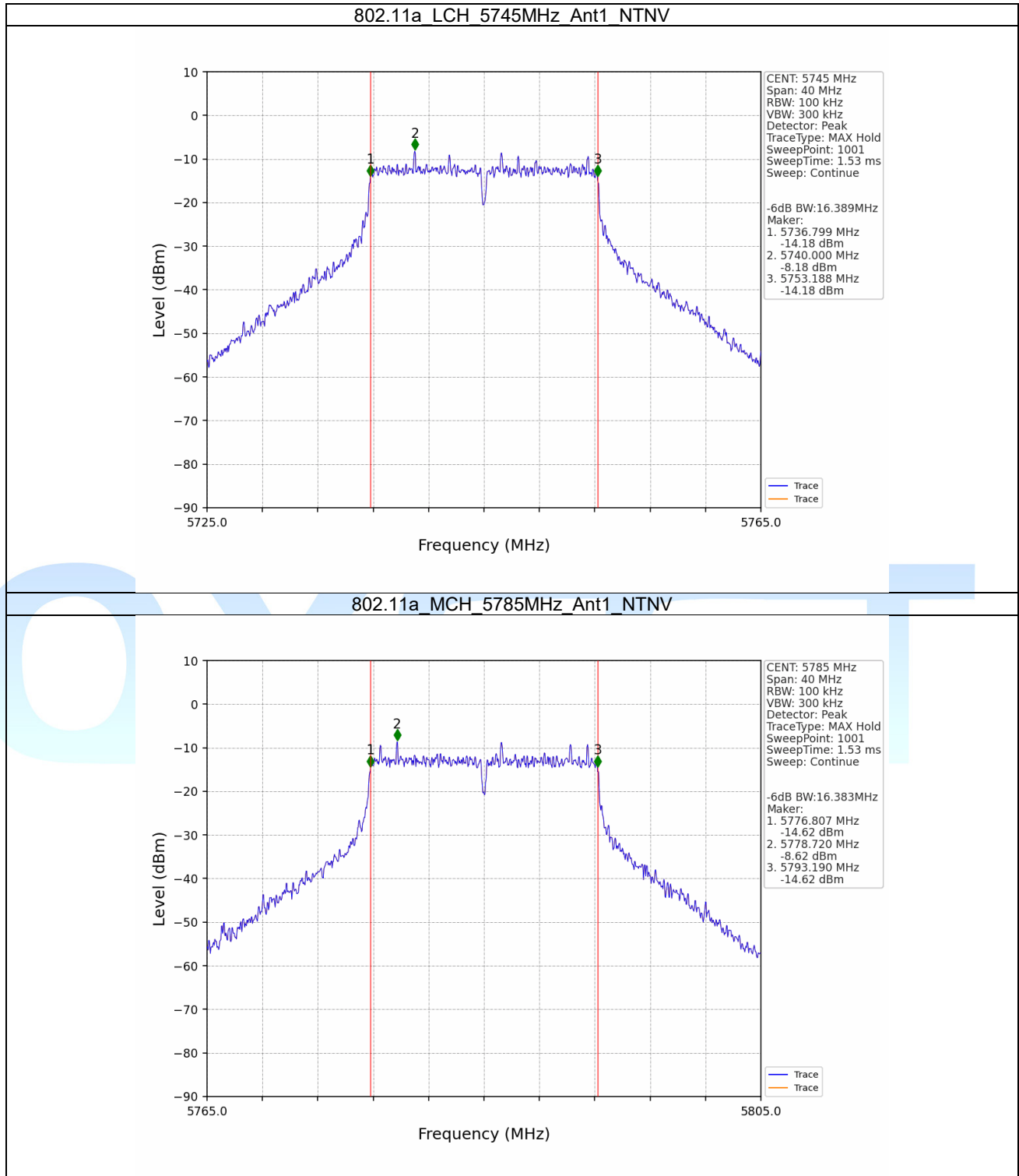
802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



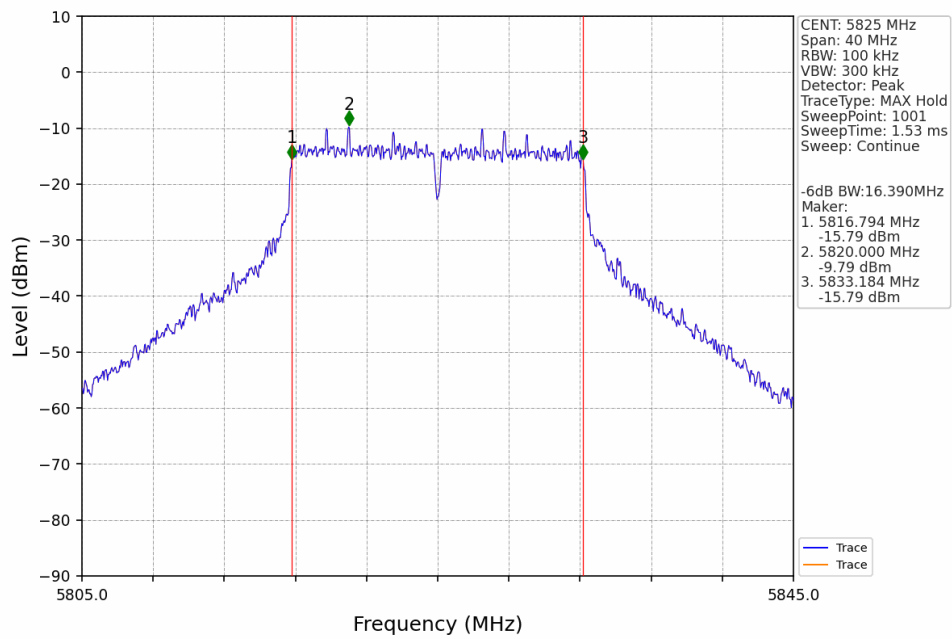
802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



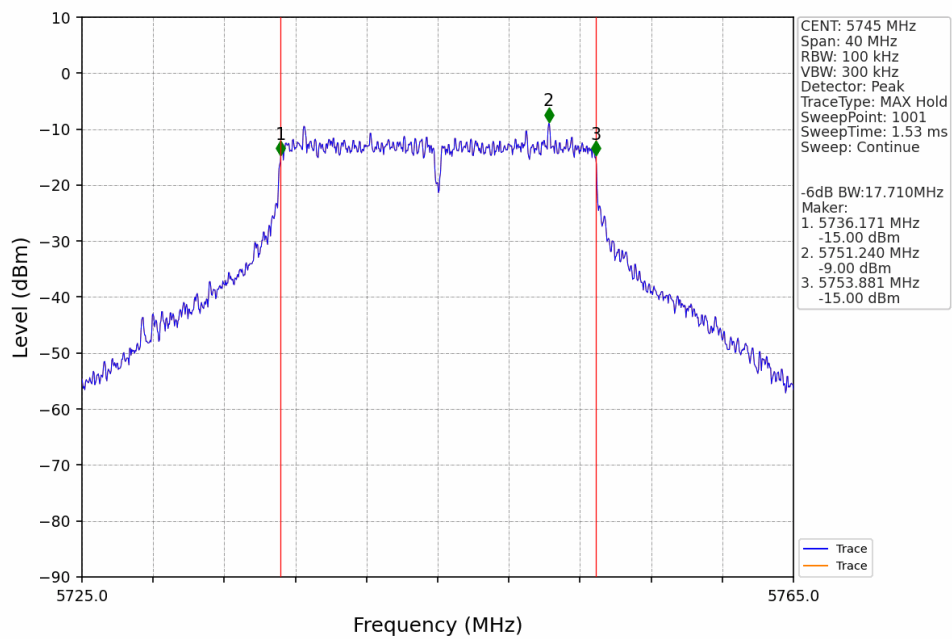
2.2.2 6dB BW



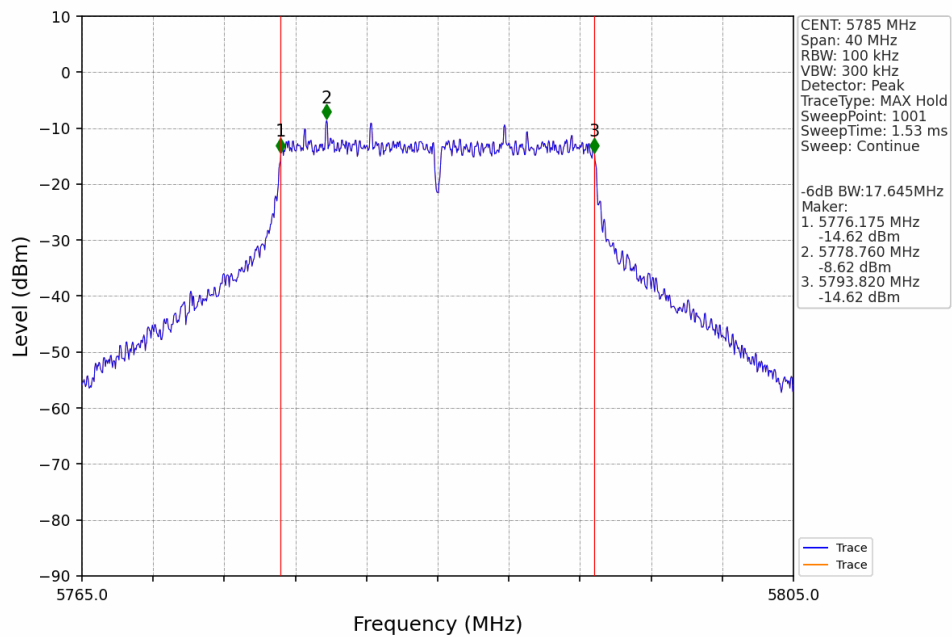
802.11a_HCH_5825MHz_Ant1_NTNV



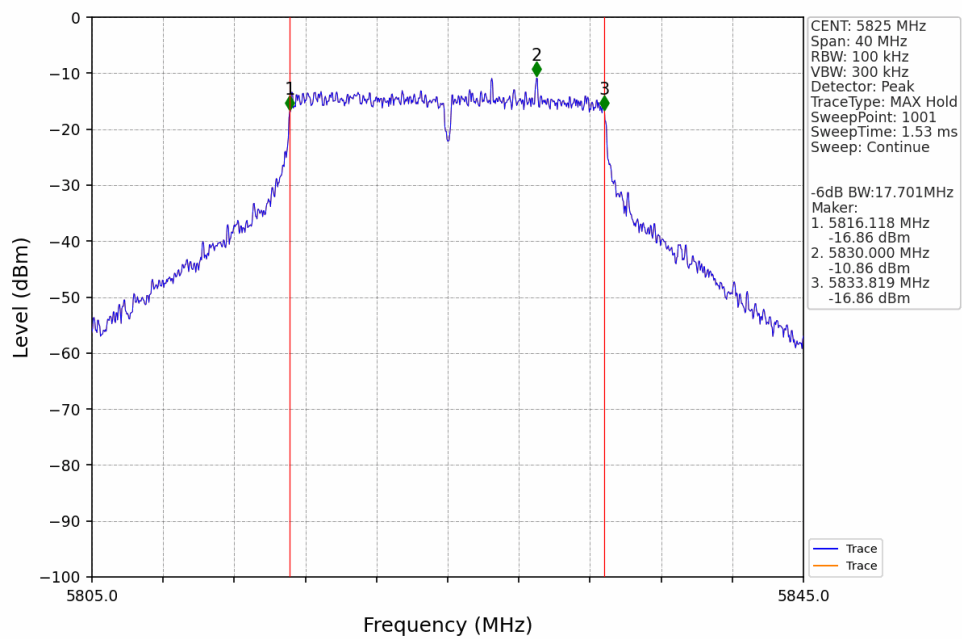
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



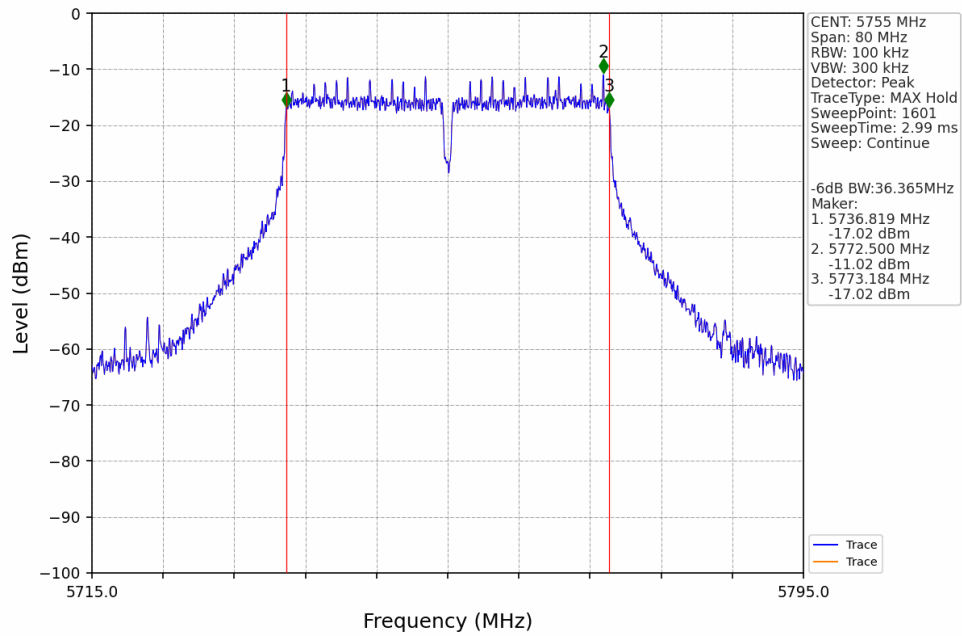
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



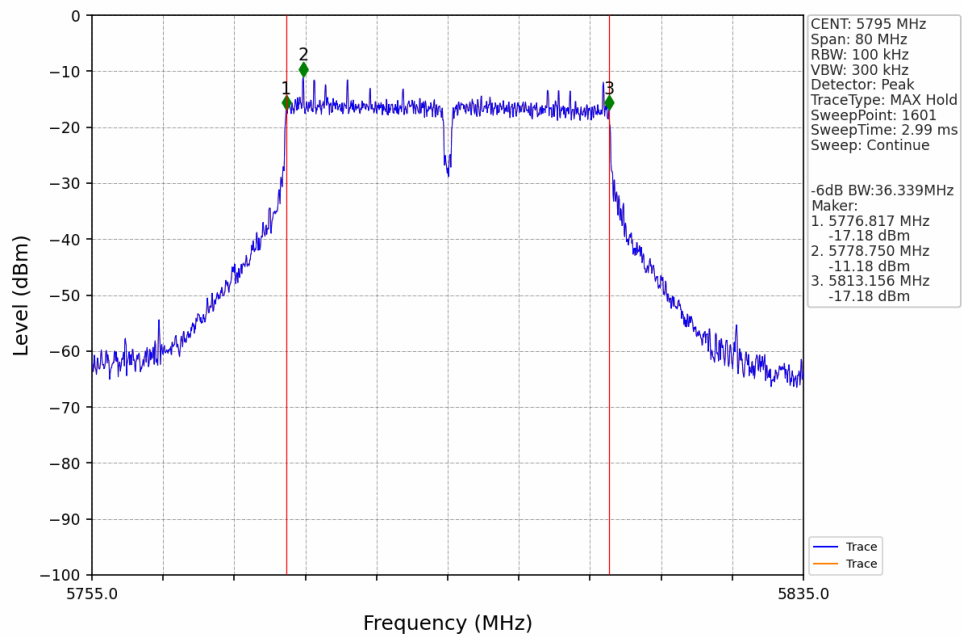
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



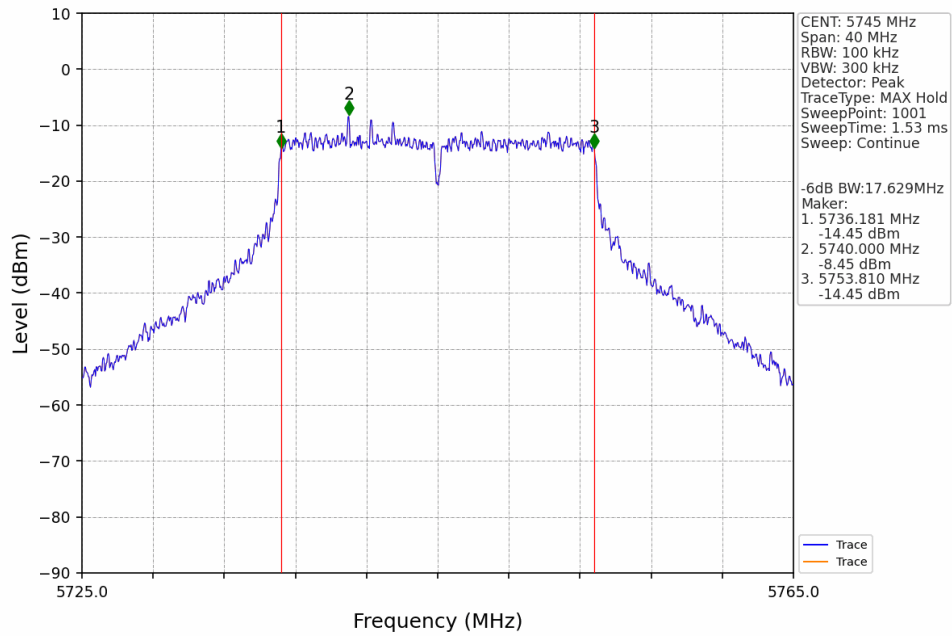
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



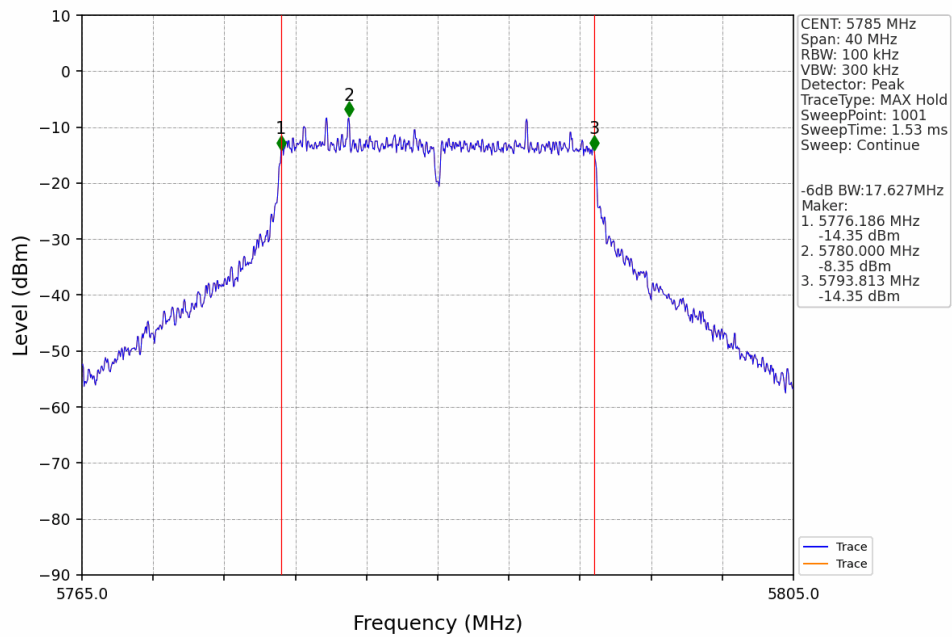
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



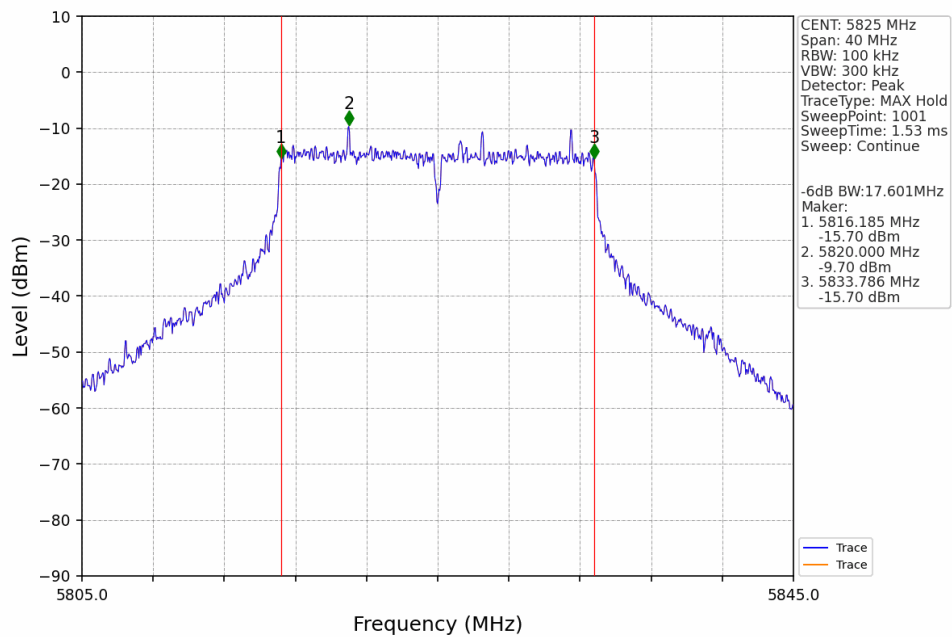
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



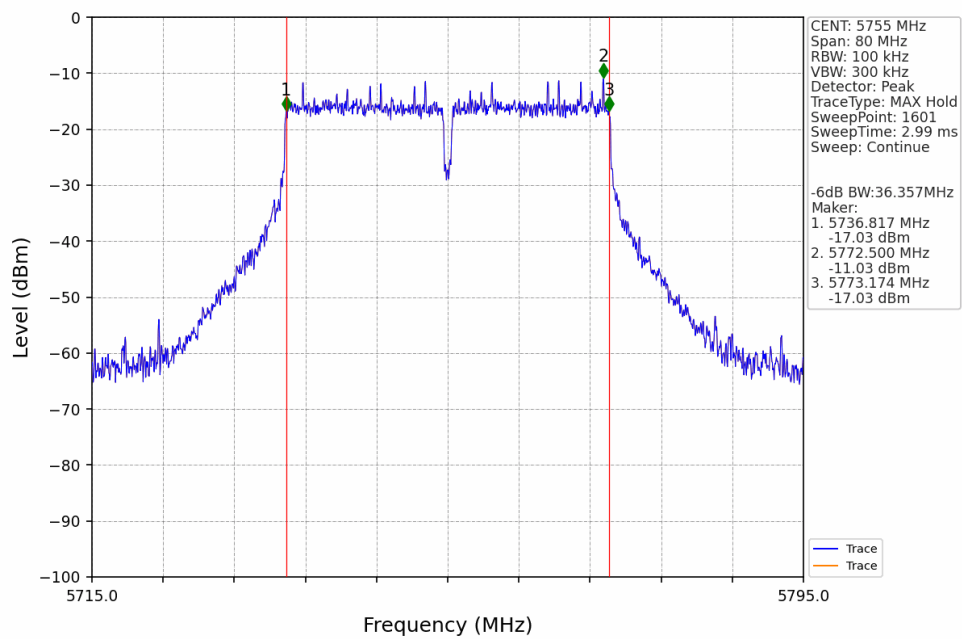
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



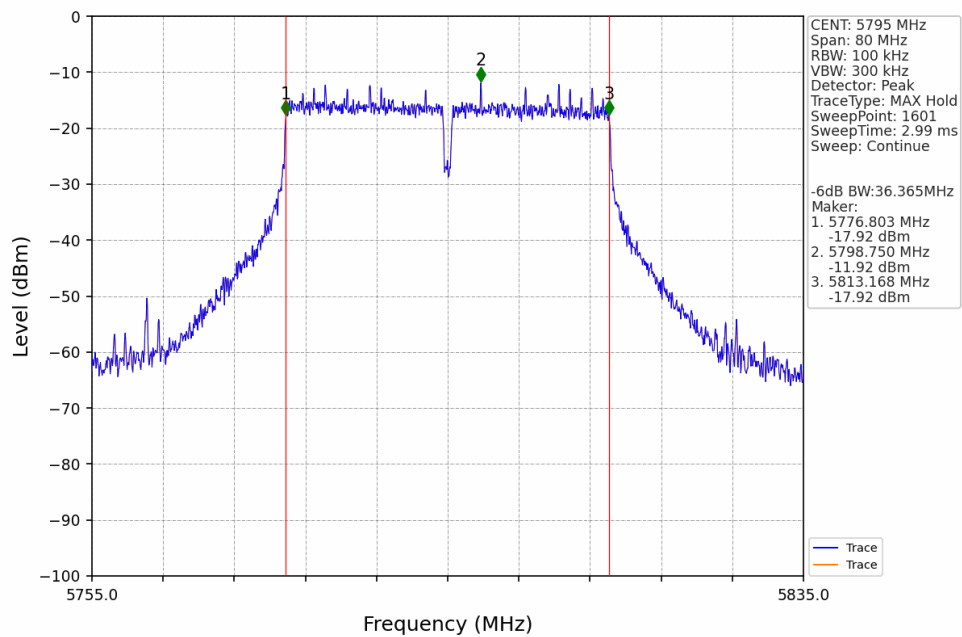
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



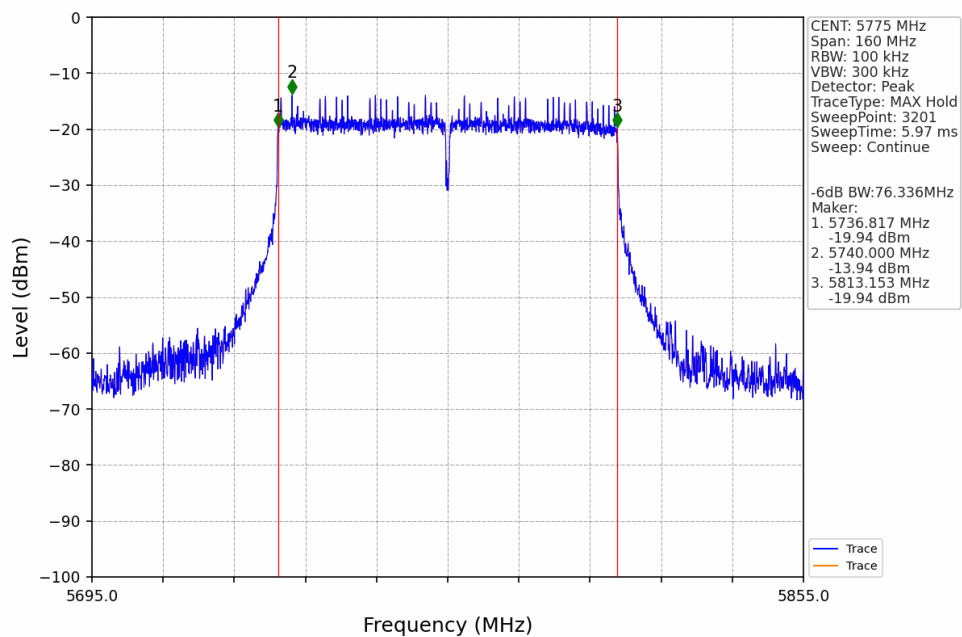
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



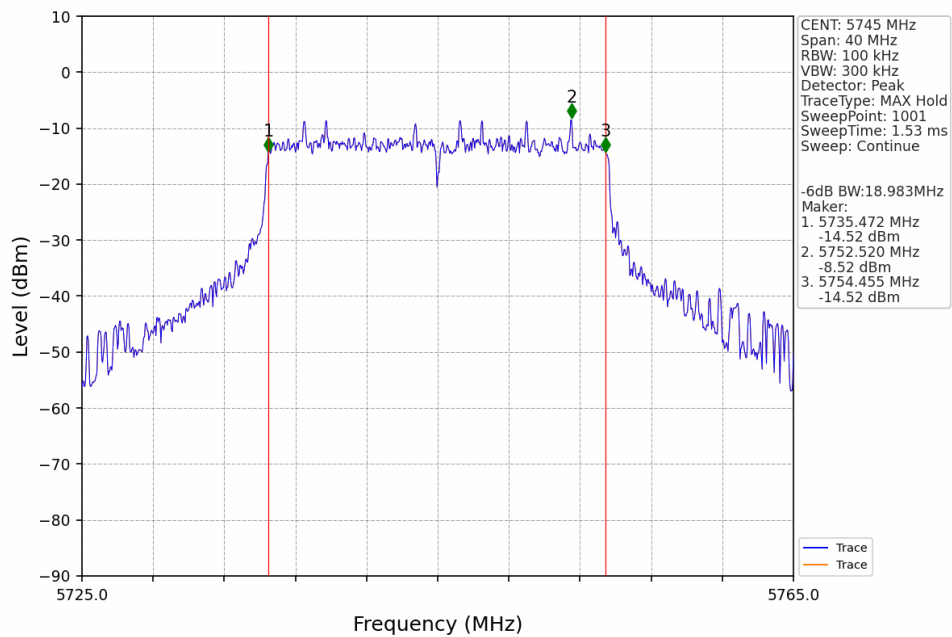
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



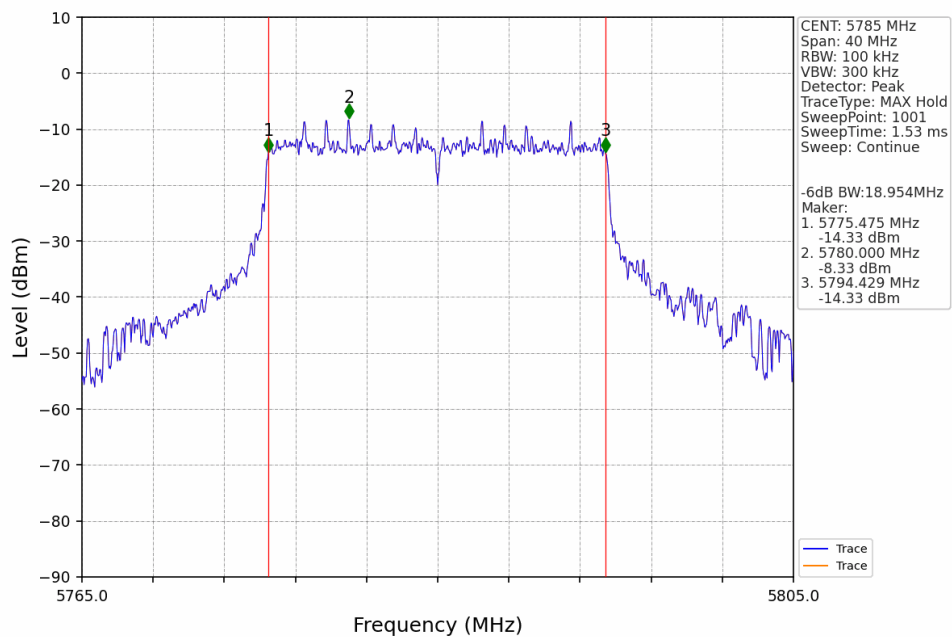
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



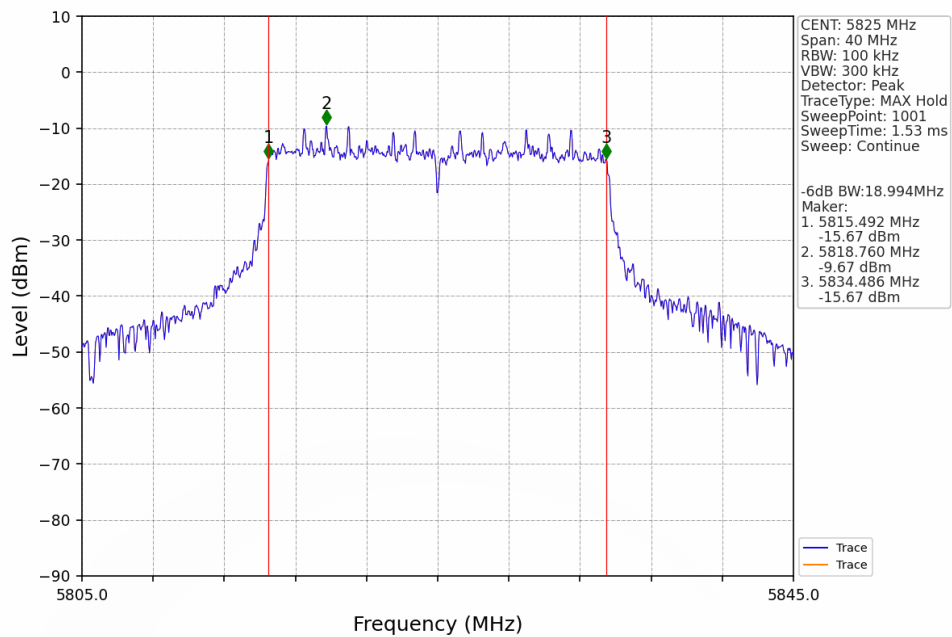
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



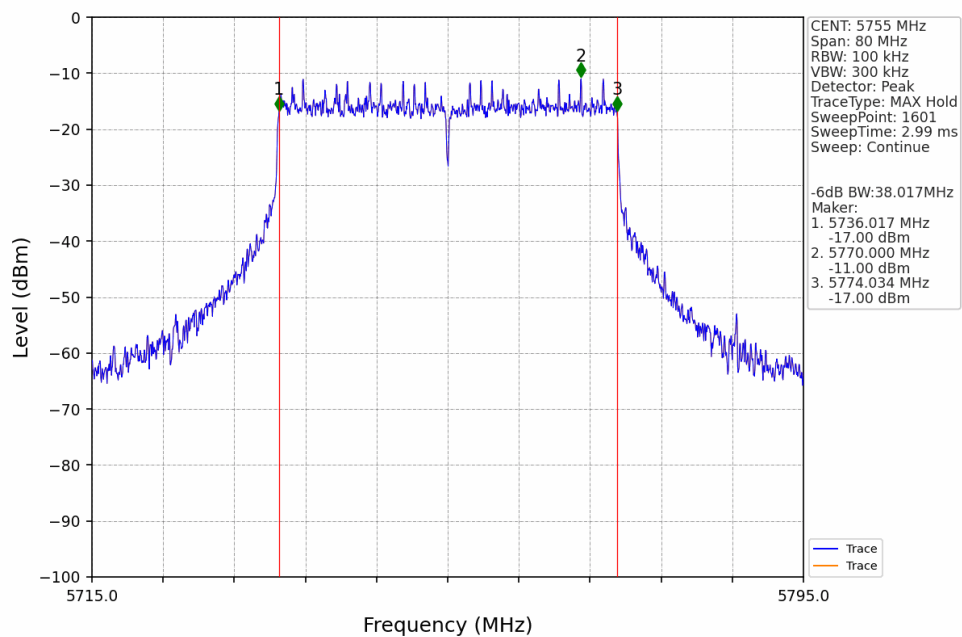
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



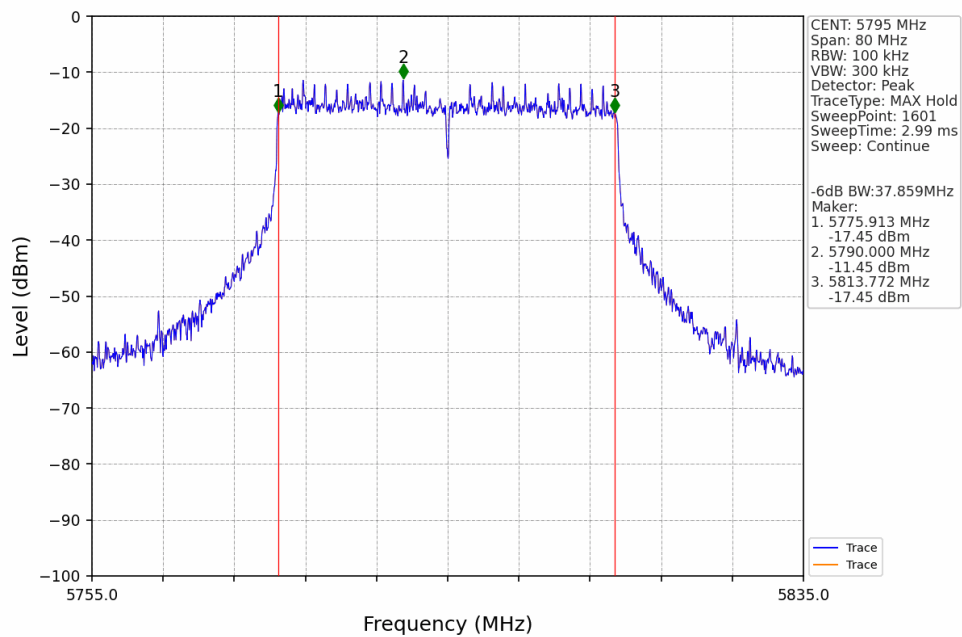
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



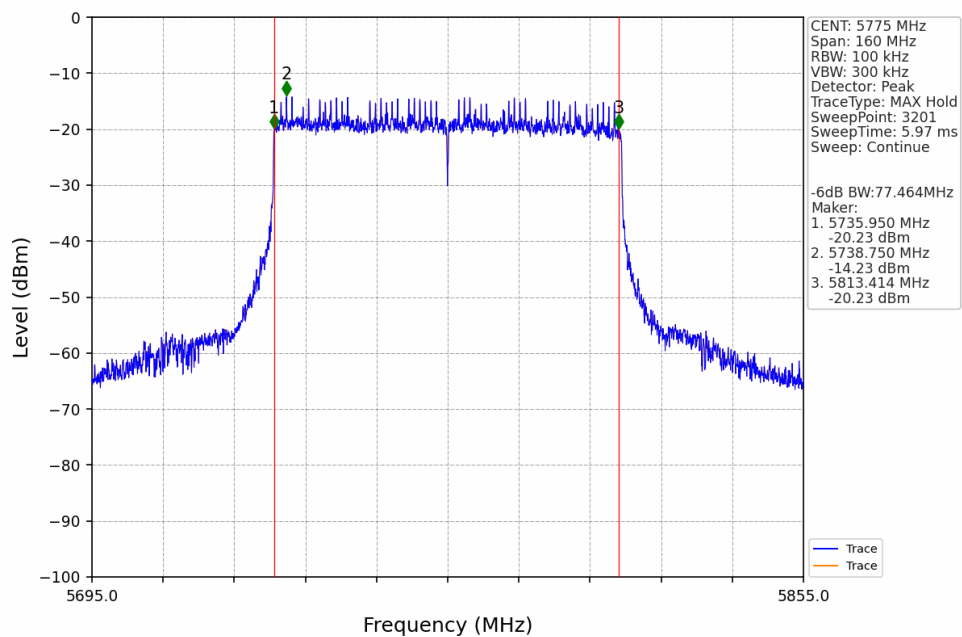
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



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	5745	/	/	3.48	<=30	Pass
		5785	/	/	1.43	<=30	Pass
		5825	/	/	2.40	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	4.11	<=30	Pass
		5785	/	/	3.23	<=30	Pass
		5825	/	/	1.87	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	3.37	<=30	Pass
		5795	/	/	2.59	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	1.07	<=30	Pass
		5785	/	/	1.67	<=30	Pass
		5825	/	/	1.84	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	3.72	<=30	Pass
		5795	/	/	3.62	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	4.19	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	3.26	<=30	Pass
		5785	SU	/	3.23	<=30	Pass
		5825	SU	/	1.02	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	3.89	<=30	Pass
		5795	SU	/	3.51	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	3.21	<=30	Pass
Note1: Antenna Gain: Ant1: 2.98dBi;							

4. Maximum Power Spectral Density

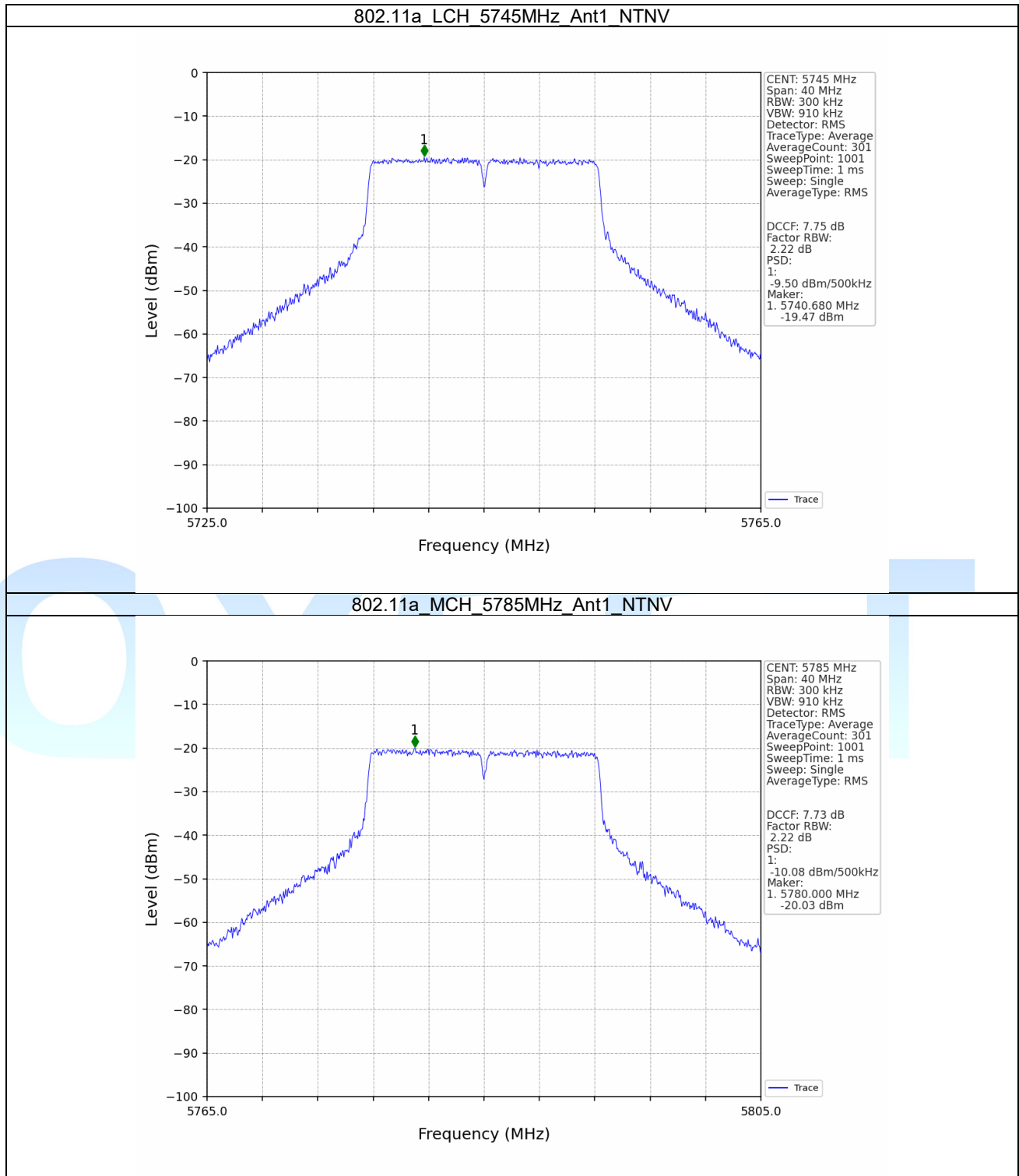
4.1 Test Result

4.1.1 PSD-Band3

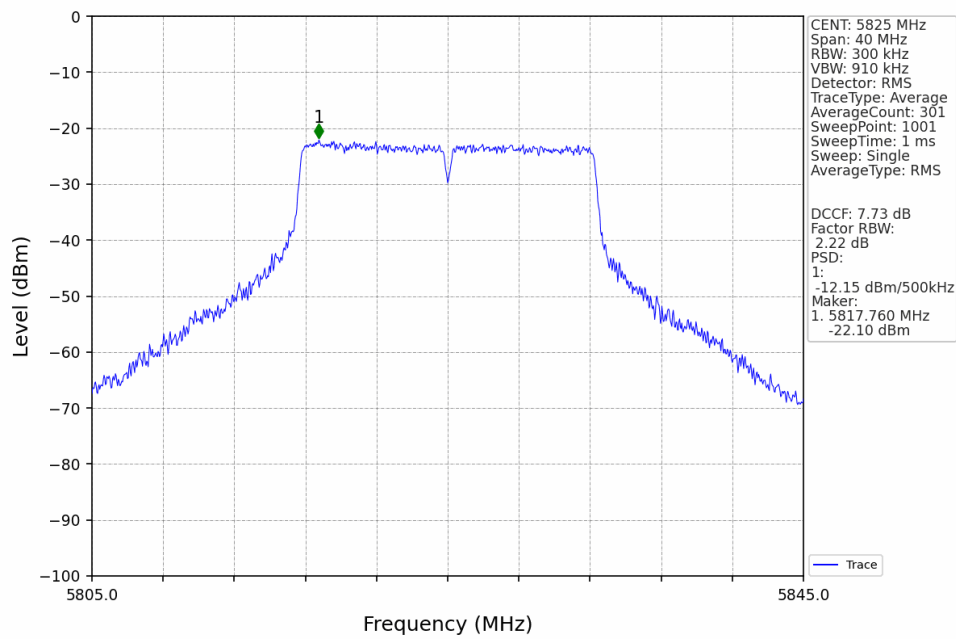
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-9.50	<=30	Pass
		5785	/	/	-10.08	<=30	Pass
		5825	/	/	-12.15	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-12.25	<=30	Pass
		5785	/	/	-11.93	<=30	Pass
		5825	/	/	-12.77	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-12.57	<=30	Pass
		5795	/	/	-14.67	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-11.30	<=30	Pass
		5785	/	/	-10.10	<=30	Pass
		5825	/	/	-13.10	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-12.73	<=30	Pass
		5795	/	/	-13.50	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-15.48	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-10.21	<=30	Pass
		5785	SU	/	-10.30	<=30	Pass
		5825	SU	/	-11.34	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-13.36	<=30	Pass
		5795	SU	/	-13.38	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-15.61	<=30	Pass
Note1: Antenna Gain: Ant1: 2.98dBi; Note2: Test result contains DCCF and RBW Factor(=10*log(500kHz/300kHz)=2.22)							

4.2 Test Graph

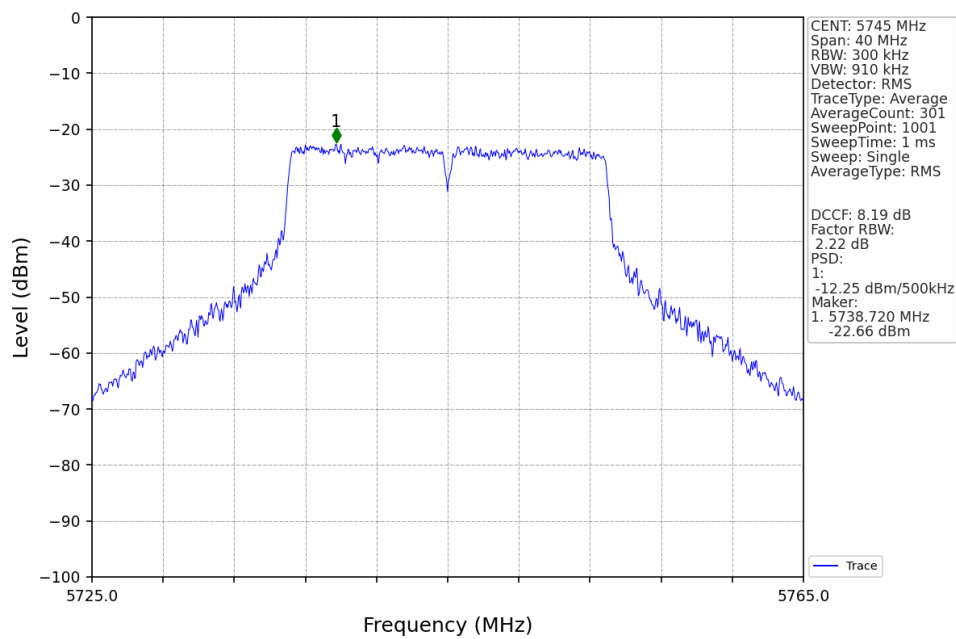
4.2.1 PSD-Band3



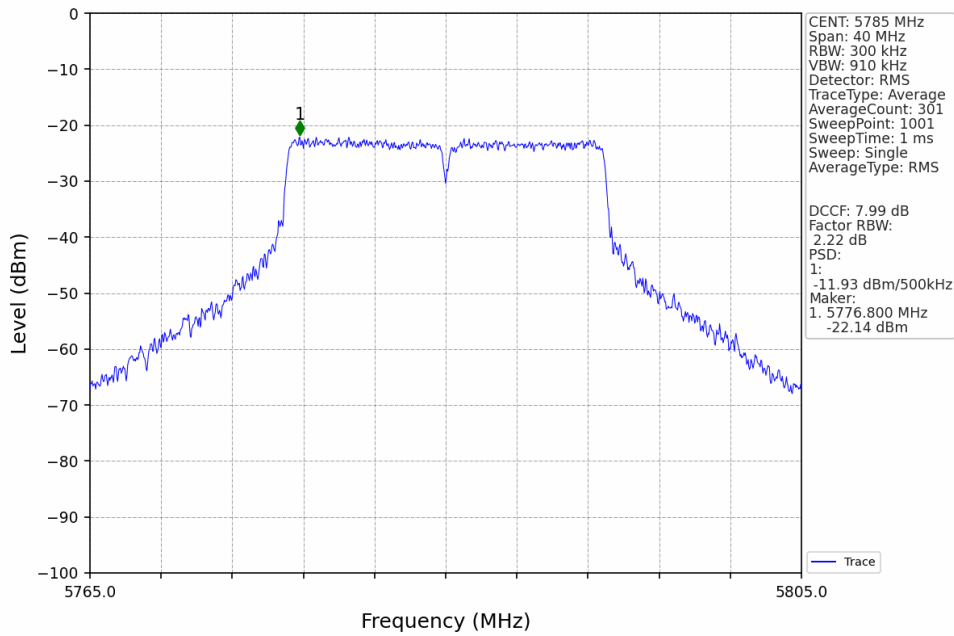
802.11a_HCH_5825MHz_Ant1_NTNV



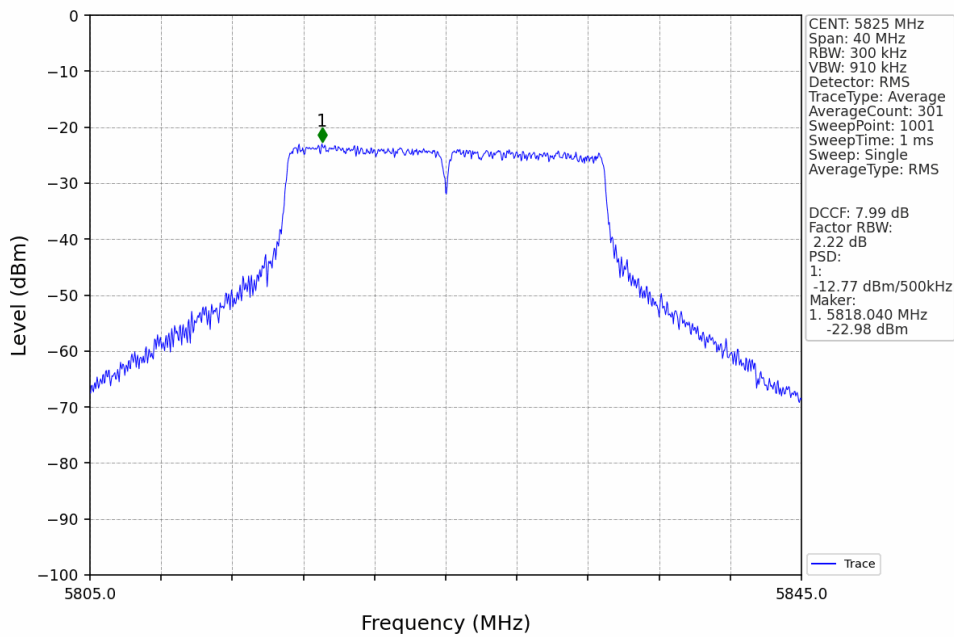
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



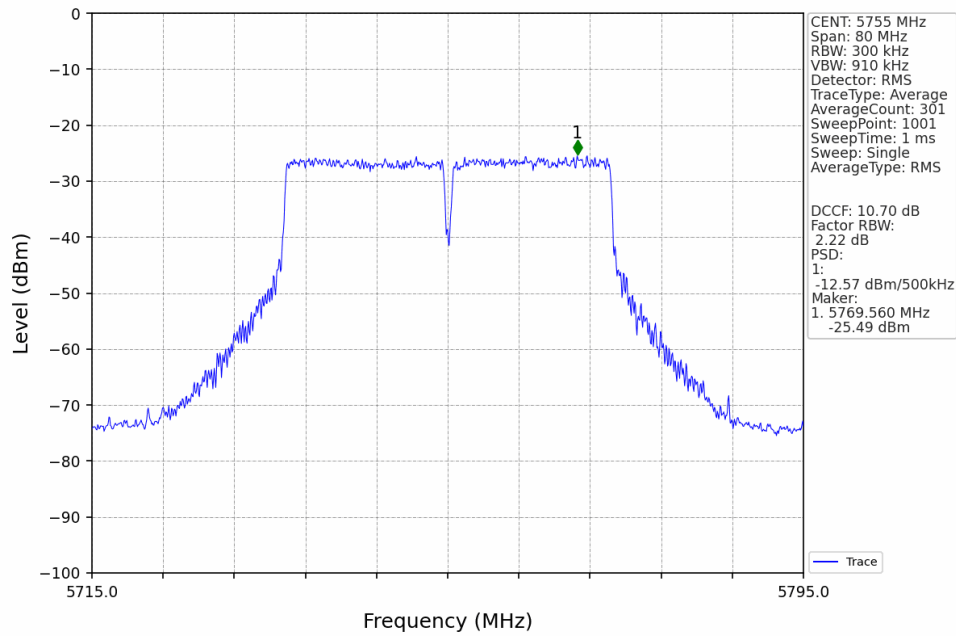
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



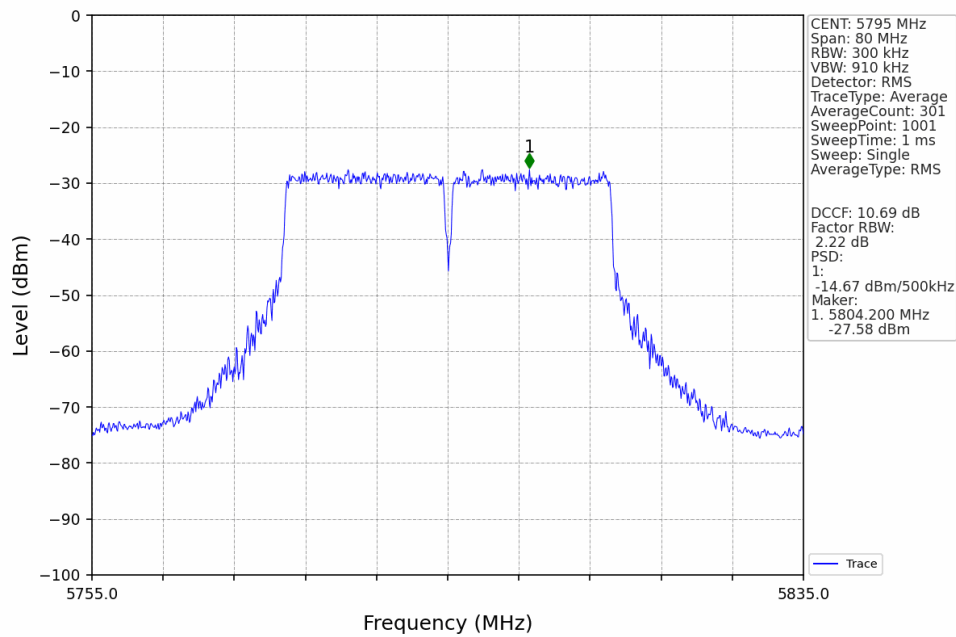
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



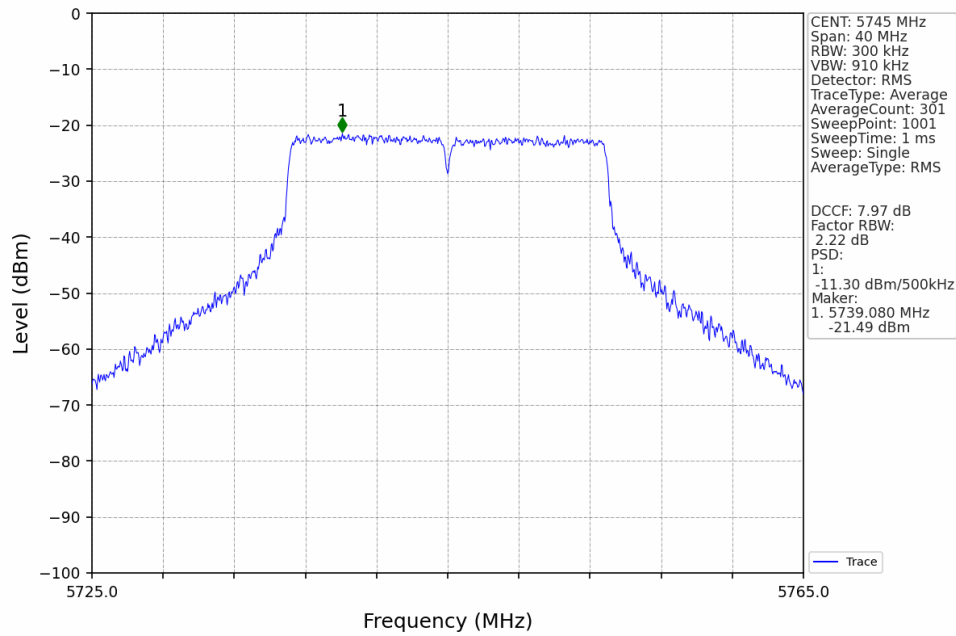
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



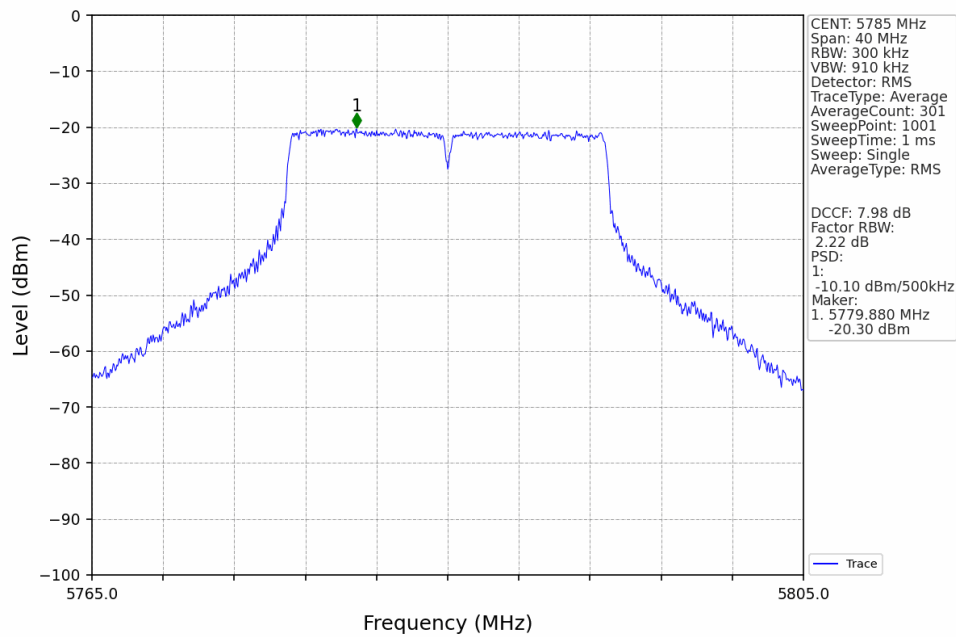
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



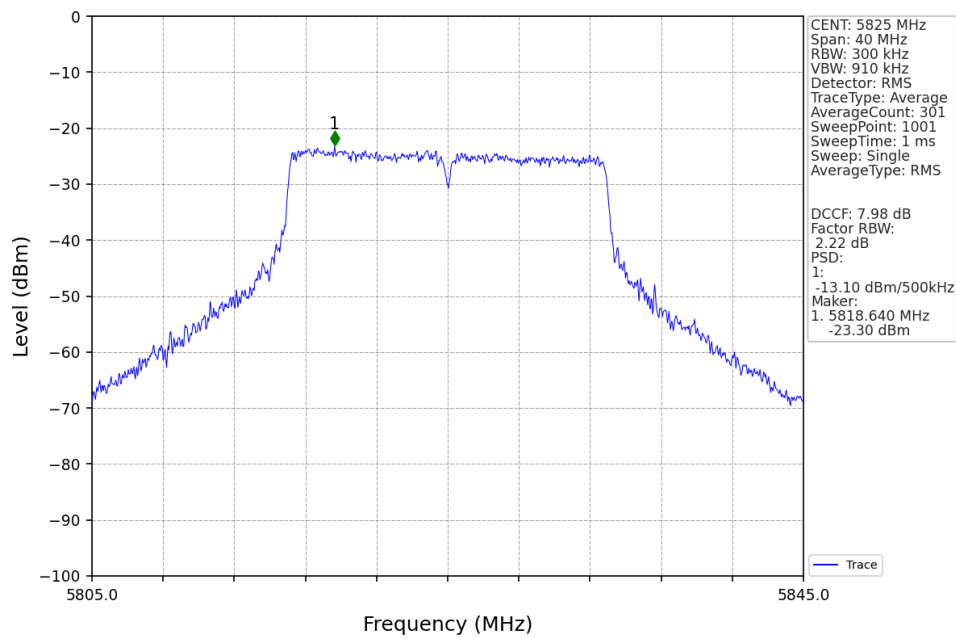
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



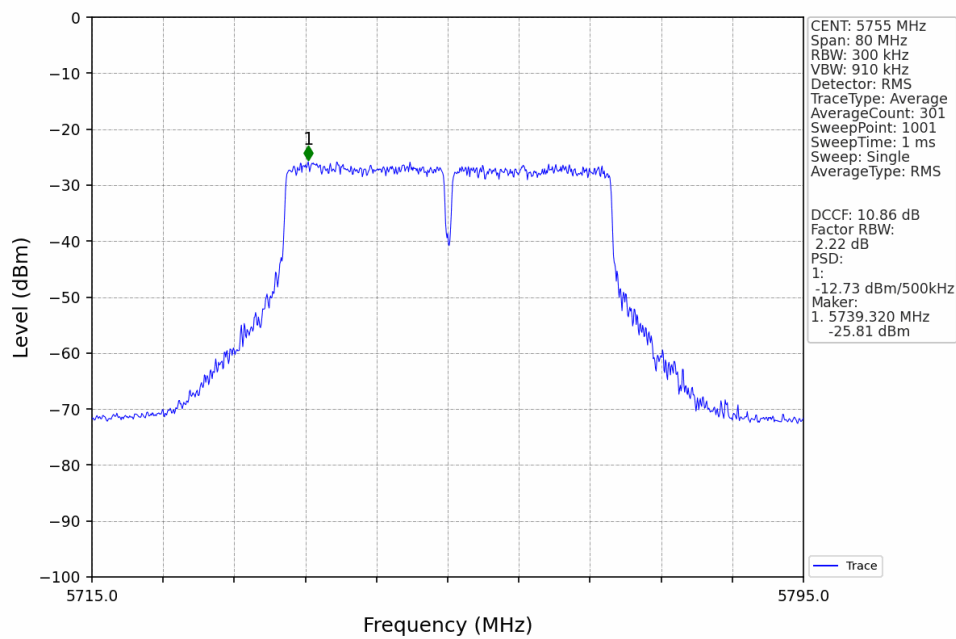
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



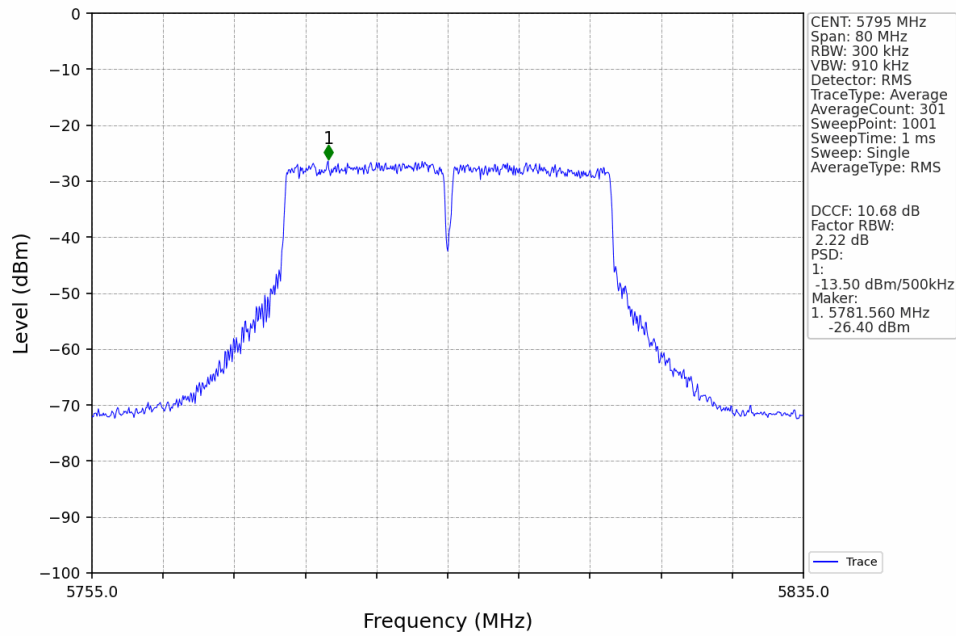
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



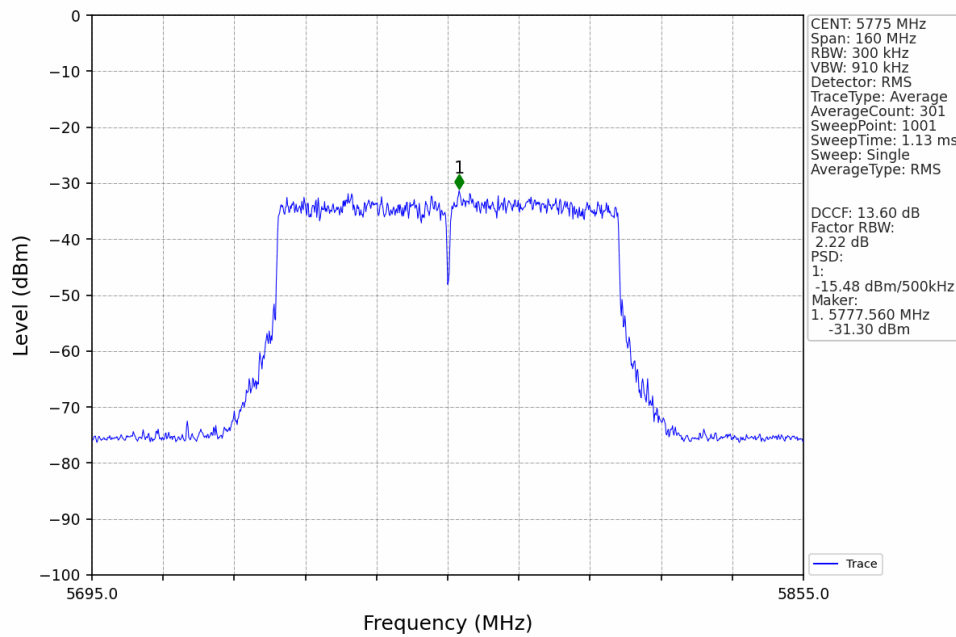
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



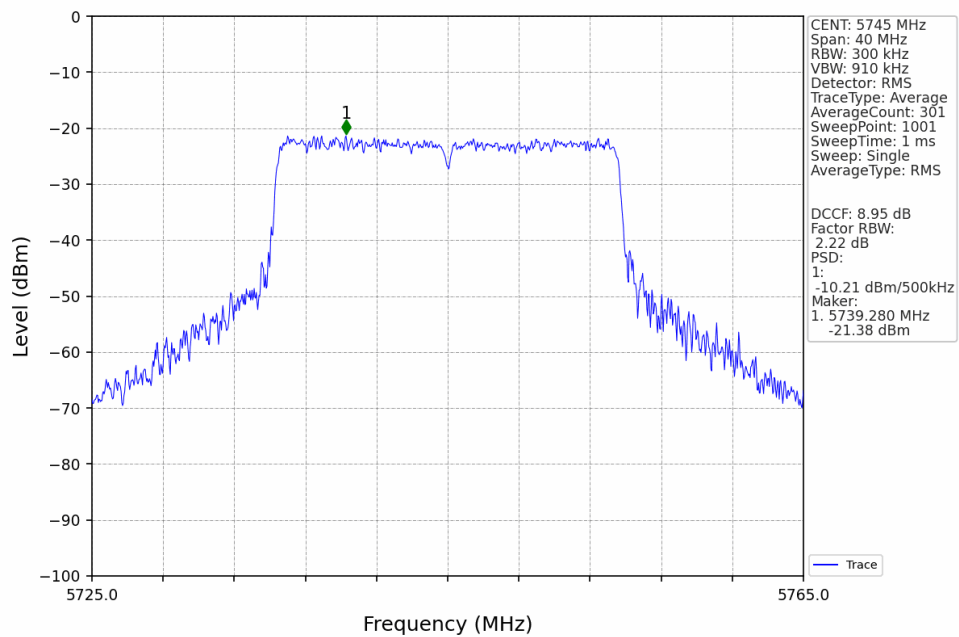
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



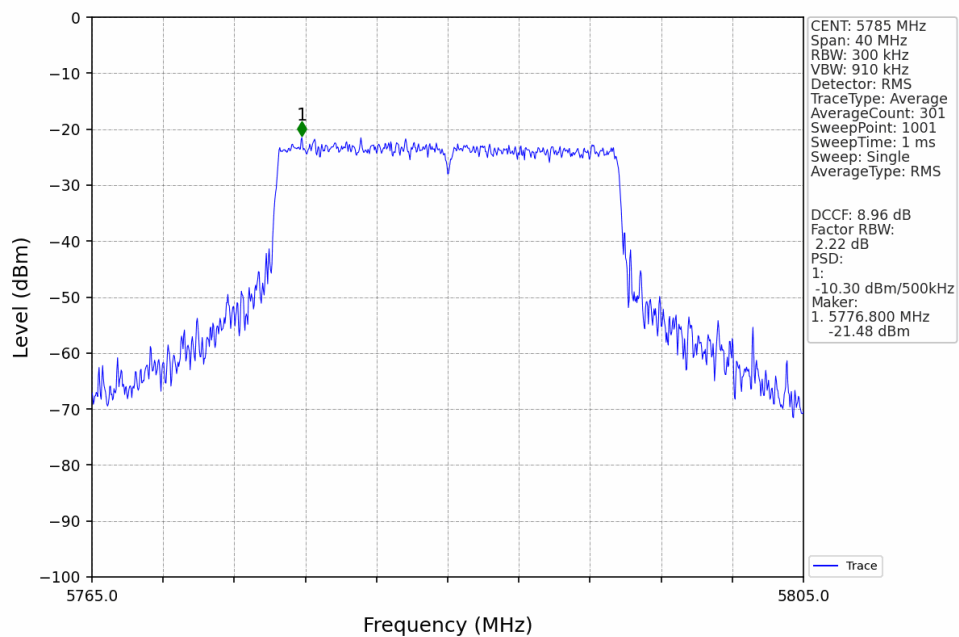
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



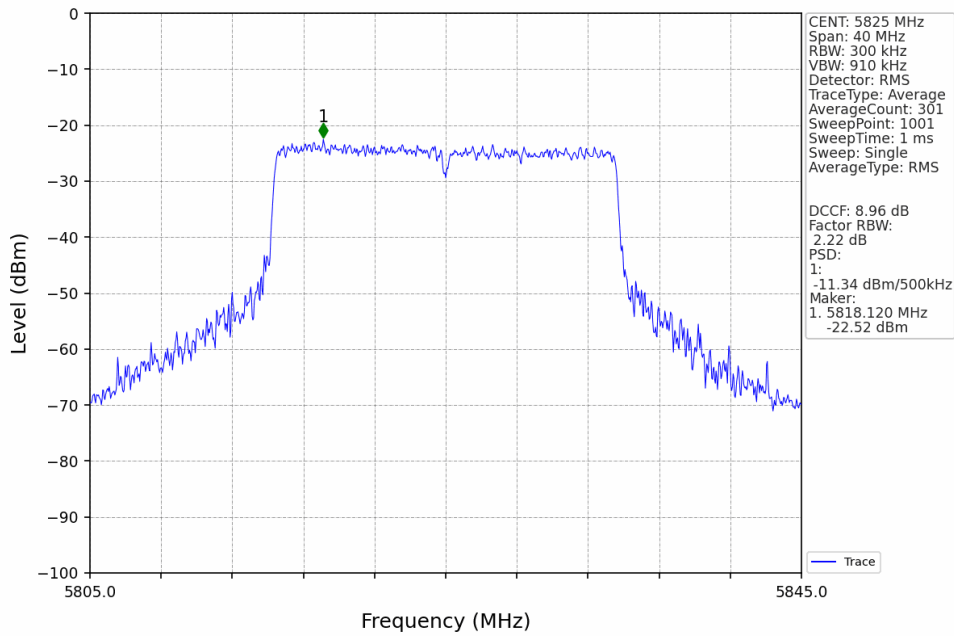
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



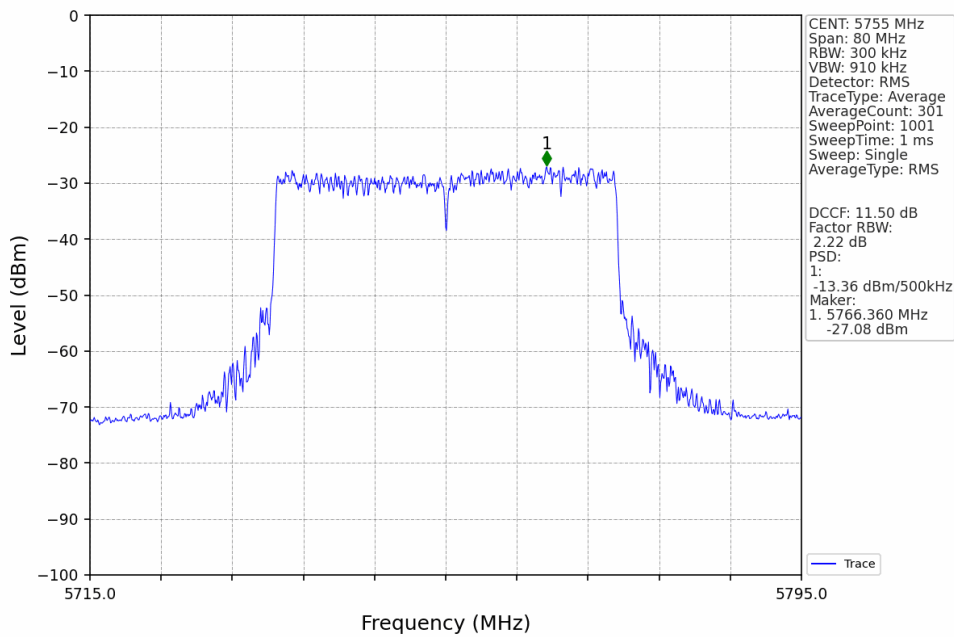
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



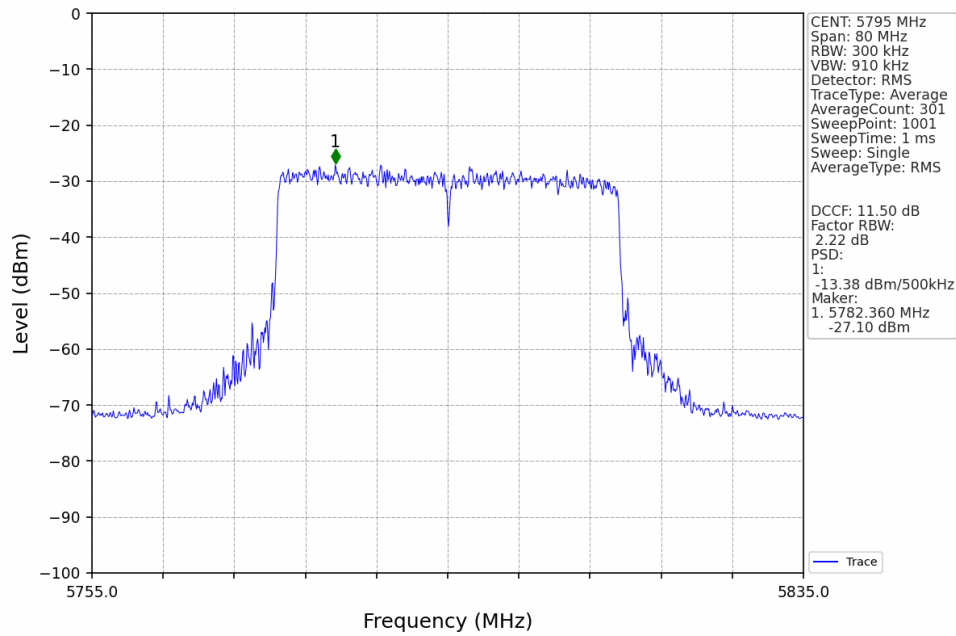
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



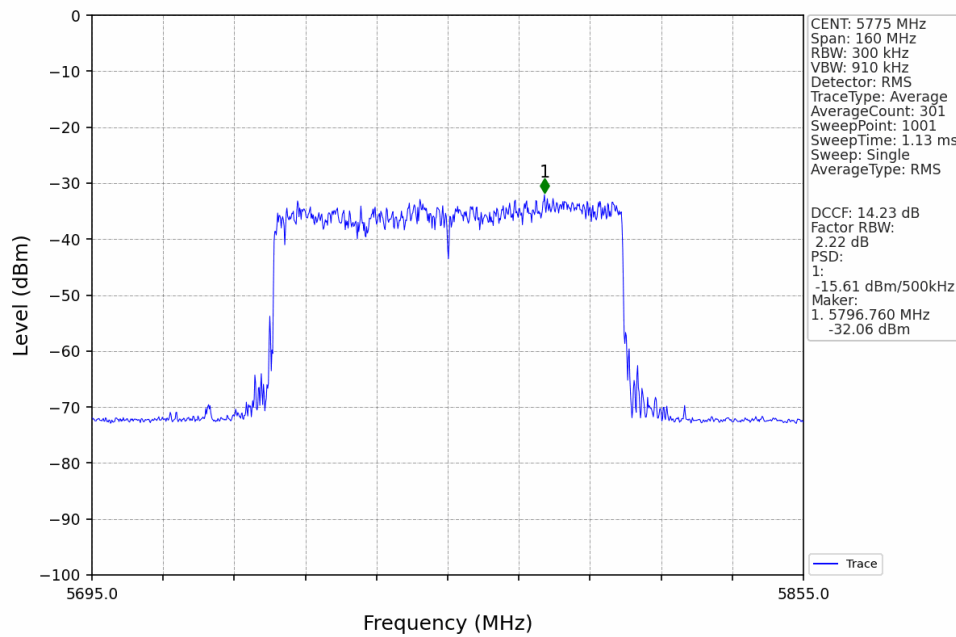
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

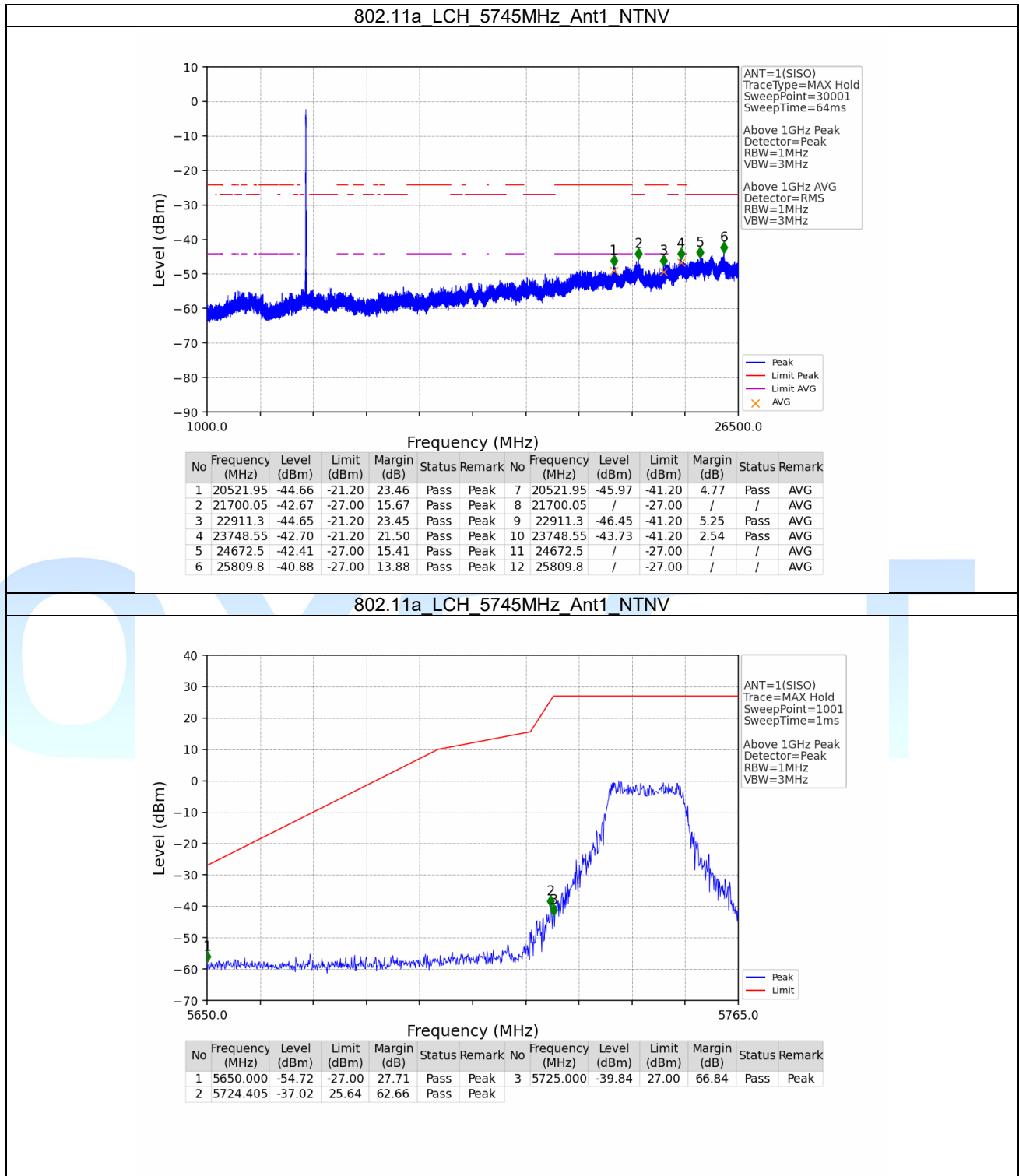
5.1 Test Result

5.1.1 RSE

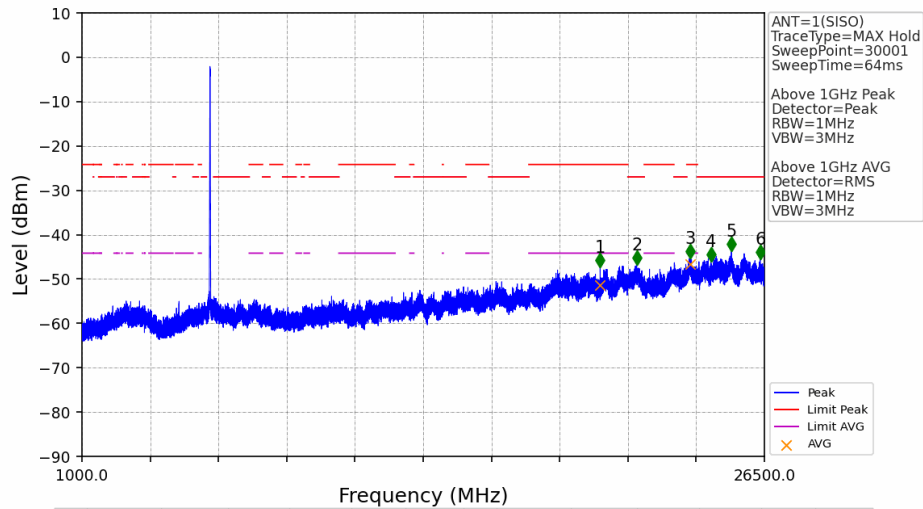
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5755	/	/	1	Refer To Test Graph		Pass
		5795	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	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	5755	/	/	1	Refer To Test Graph		Pass
		5795	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT80)	SISO	5775	/	/	1	Refer To Test Graph		Pass
802.11ax (HEW20)	SISO	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	5755	SU	/	1	Refer To Test Graph		Pass
		5795	SU	/	1	Refer To Test Graph		Pass
802.11ax (HEW80)	SISO	5775	SU	/	1	Refer To Test Graph		Pass
Note1: level contains DCCF and antenna gain								
Note2: Margin=Limit- level								

5.2 Test Graph

5.2.1 RSE

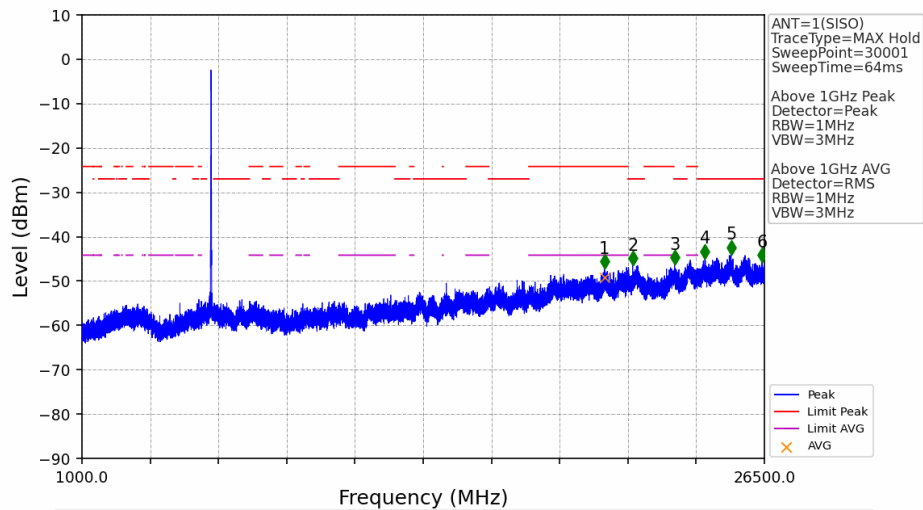


802.11a_MCH_5785MHz_Ant1_NTNV



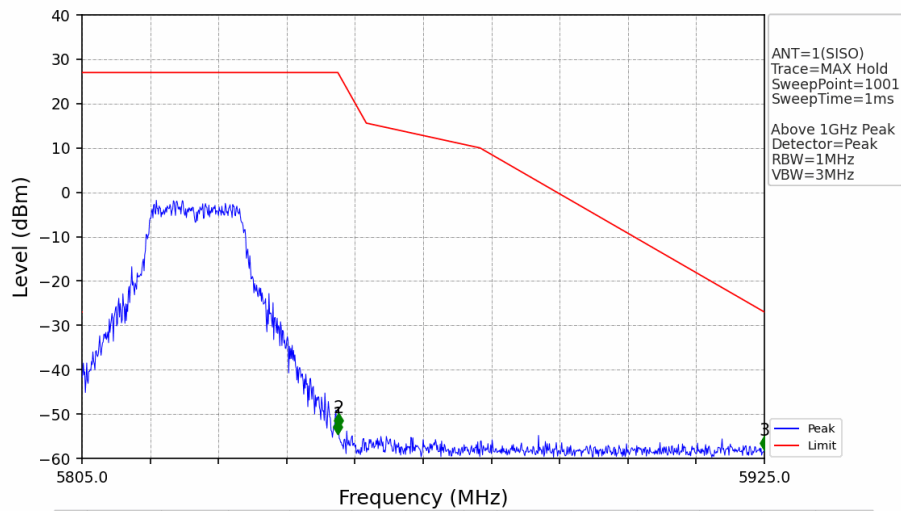
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20363	-44.38	-21.20	23.18	Pass	Peak	7	20363	-48.47	-41.20	7.27	Pass	AVG
2	21727.25	-43.79	-27.00	16.79	Pass	Peak	8	21727.25	/	-27.00	/	/	AVG
3	23728.15	-42.30	-21.20	21.09	Pass	Peak	9	23728.15	-43.76	-41.20	2.56	Pass	AVG
4	24496.55	-43.08	-27.00	16.08	Pass	Peak	10	24496.55	/	-27.00	/	/	AVG
5	25266.65	-40.73	-27.00	13.73	Pass	Peak	11	25266.65	/	-27.00	/	/	AVG
6	26341.9	-42.49	-27.00	15.49	Pass	Peak	12	26341.9	/	-27.00	/	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV

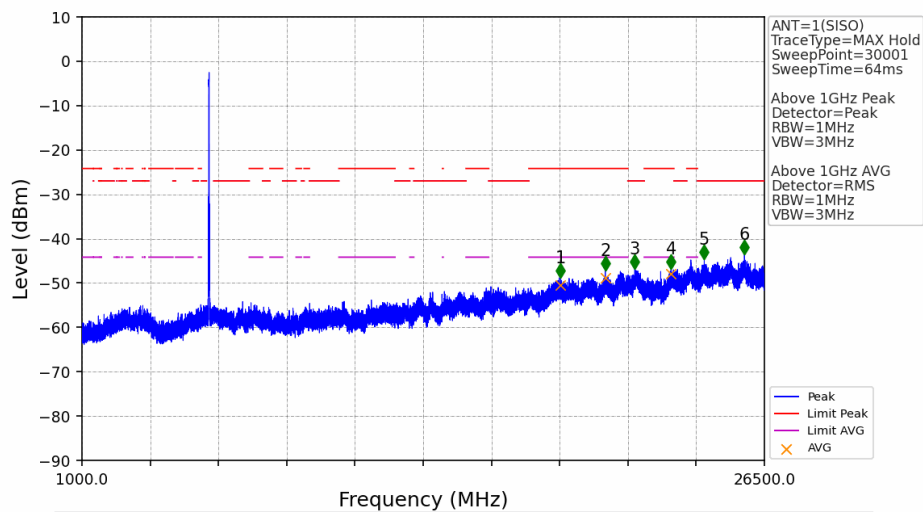


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20524.5	-44.15	-21.20	22.95	Pass	Peak	7	20524.5	-46.13	-41.20	4.93	Pass	AVG
2	21577.65	-43.51	-27.00	16.51	Pass	Peak	8	21577.65	/	-27.00	/	/	AVG
3	23144.2	-43.32	-27.00	16.32	Pass	Peak	9	23144.2	/	-27.00	/	/	AVG
4	24275.55	-41.88	-27.00	14.88	Pass	Peak	10	24275.55	/	-27.00	/	/	AVG
5	25253.05	-40.97	-27.00	13.97	Pass	Peak	11	25253.05	/	-27.00	/	/	AVG
6	26409.9	-42.72	-27.00	15.72	Pass	Peak	12	26409.9	/	-27.00	/	/	AVG

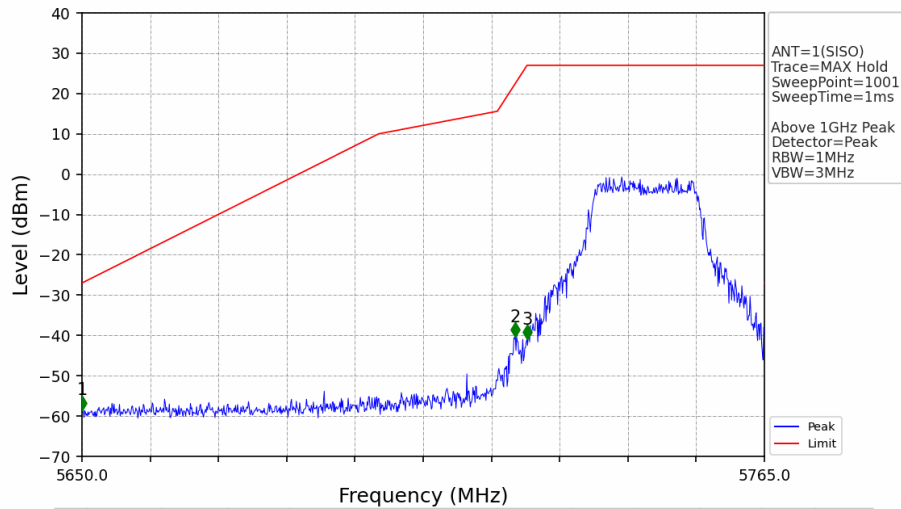
802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

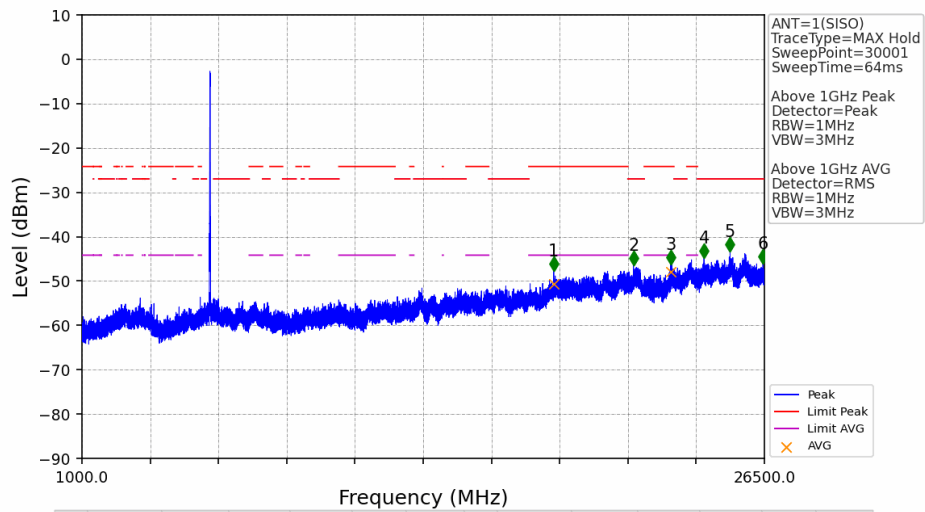


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



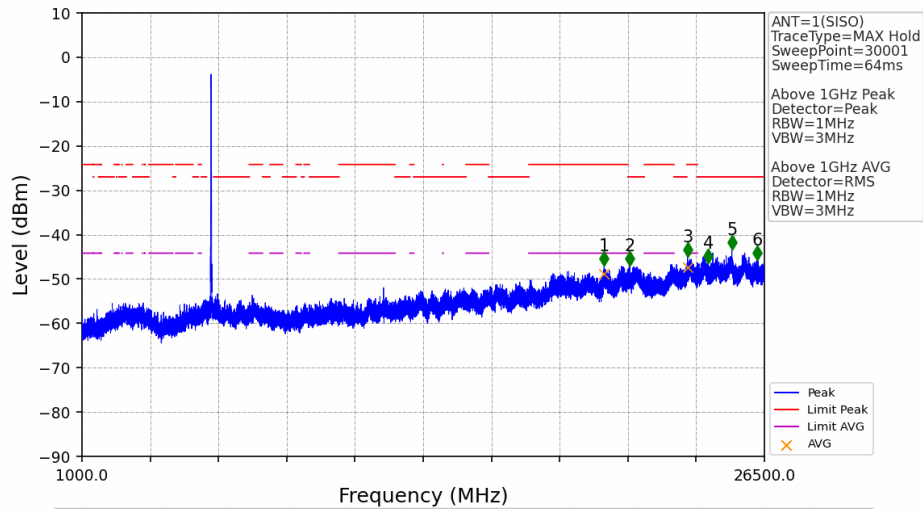
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-55.44	-27.00	28.44	Pass	Peak	3	5725.000	-37.99	27.00	64.99	Pass	Peak
2	5723.025	-37.25	22.50	59.74	Pass	Peak							

802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



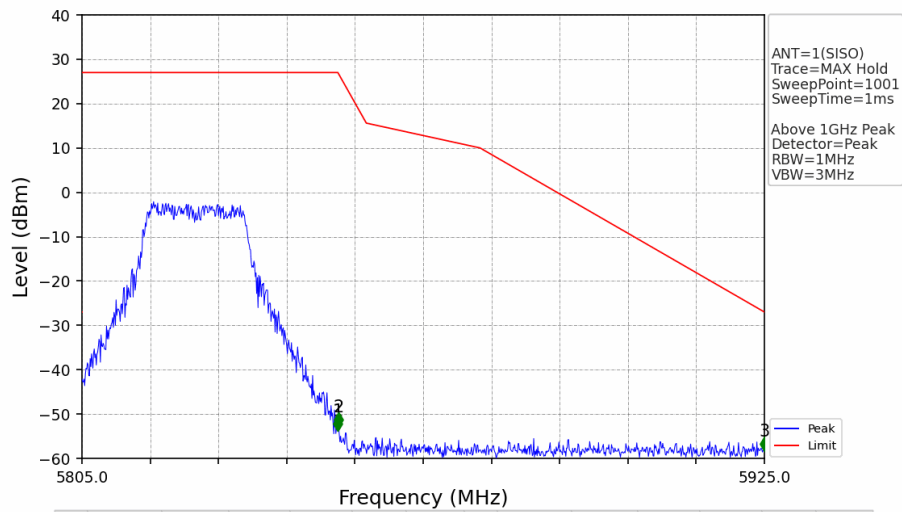
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18627.3	-44.68	-21.20	23.48	Pass	Peak	7	18627.3	-47.68	-41.20	6.48	Pass	AVG
2	21606.55	-43.45	-27.00	16.45	Pass	Peak	8	21606.55	/	-27.00	/	/	AVG
3	22990.35	-43.21	-21.20	22.01	Pass	Peak	9	22990.35	-44.91	-41.20	3.71	Pass	AVG
4	24243.25	-41.87	-27.00	14.87	Pass	Peak	10	24243.25	/	-27.00	/	/	AVG
5	25218.2	-40.37	-27.00	13.37	Pass	Peak	11	25218.2	/	-27.00	/	/	AVG
6	26446.45	-43.00	-27.00	16.00	Pass	Peak	12	26446.45	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5825MHz_Ant1_NTNV



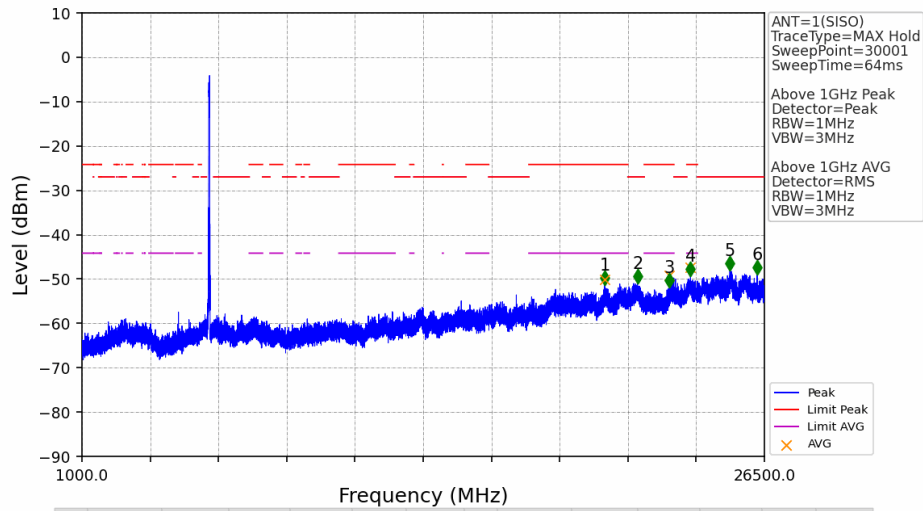
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20514.3	-44.05	-21.20	22.85	Pass	Peak	7	20514.3	-45.87	-41.20	4.67	Pass	AVG
2	21469.7	-44.03	-27.00	17.03	Pass	Peak	8	21469.7	/	-27.00	/	/	AVG
3	23628.7	-41.96	-21.20	20.76	Pass	Peak	9	23628.7	-44.38	-41.20	3.19	Pass	AVG
4	24403.9	-43.40	-27.00	16.40	Pass	Peak	10	24403.9	/	-27.00	/	/	AVG
5	25283.65	-40.37	-27.00	13.37	Pass	Peak	11	25283.65	/	-27.00	/	/	AVG
6	26228	-42.70	-27.00	15.71	Pass	Peak	12	26228	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5825MHz_Ant1_NTNV



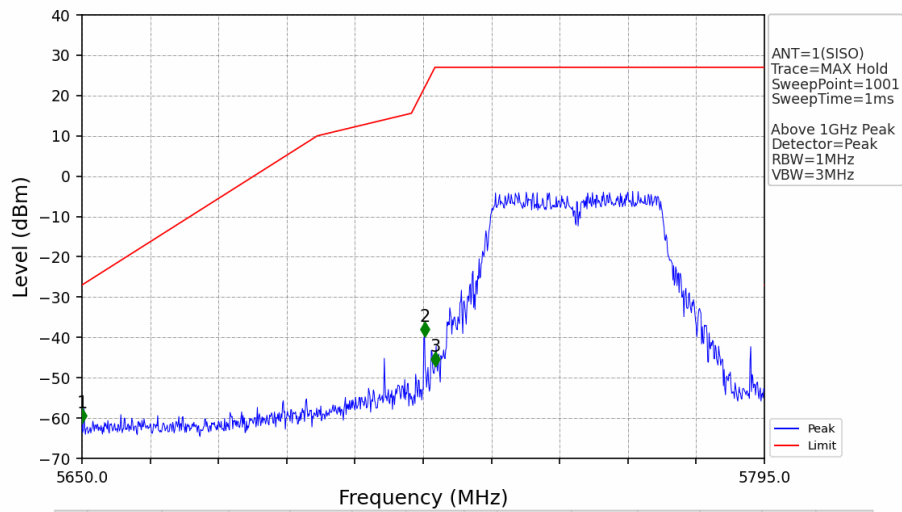
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-50.81	27.00	77.81	Pass	Peak	3	5925.000	-55.26	-27.00	28.25	Pass	Peak
2	5850.120	-49.82	26.73	76.54	Pass	Peak							

802.11n(HT40) LCH_5755MHz_Ant1_NTNV



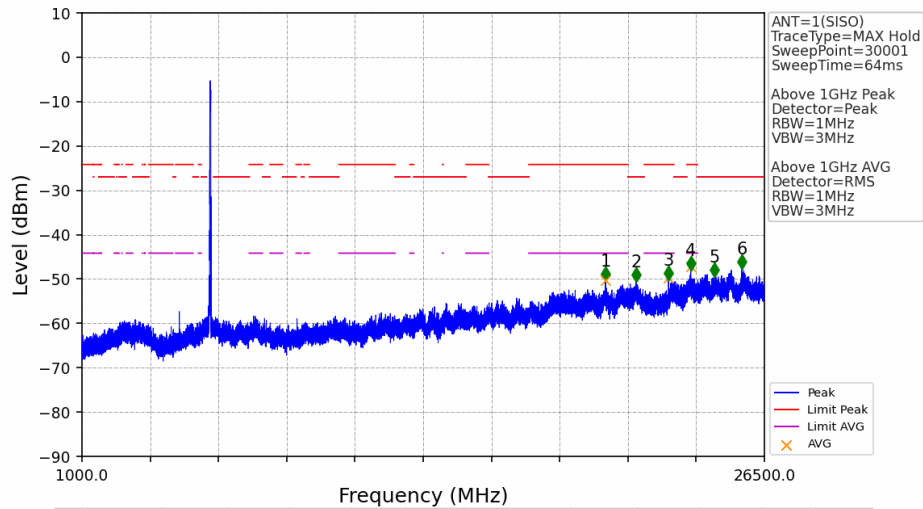
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20533.85	-48.32	-21.20	27.12	Pass	Peak	7	20533.85	-47.04	-41.20	5.84	Pass	AVG
2	21757	-47.95	-27.00	20.95	Pass	Peak	8	21757	/	-27.00	/	/	AVG
3	22955.5	-48.96	-21.20	27.76	Pass	Peak	9	22955.5	-46.19	-41.20	4.99	Pass	AVG
4	23738.35	-46.27	-21.20	25.07	Pass	Peak	10	23738.35	-44.42	-41.20	3.22	Pass	AVG
5	25209.7	-45.05	-27.00	18.05	Pass	Peak	11	25209.7	/	-27.00	/	/	AVG
6	26228.85	-45.99	-27.00	19.00	Pass	Peak	12	26228.85	/	-27.00	/	/	AVG

802.11n(HT40) LCH_5755MHz_Ant1_NTNV

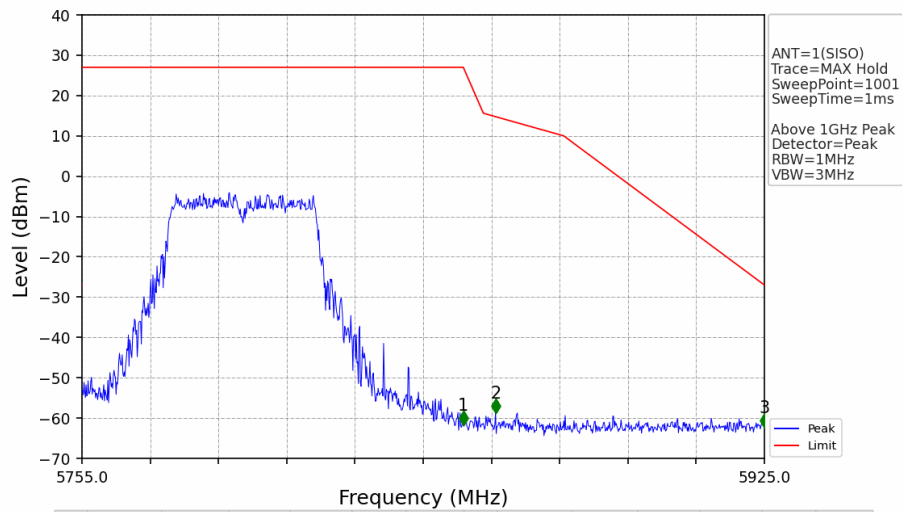


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-58.17	-27.00	31.17	Pass	Peak	3	5725.000	-44.20	27.00	71.20	Pass	Peak
2	5722.790	-36.78	21.96	58.74	Pass	Peak							

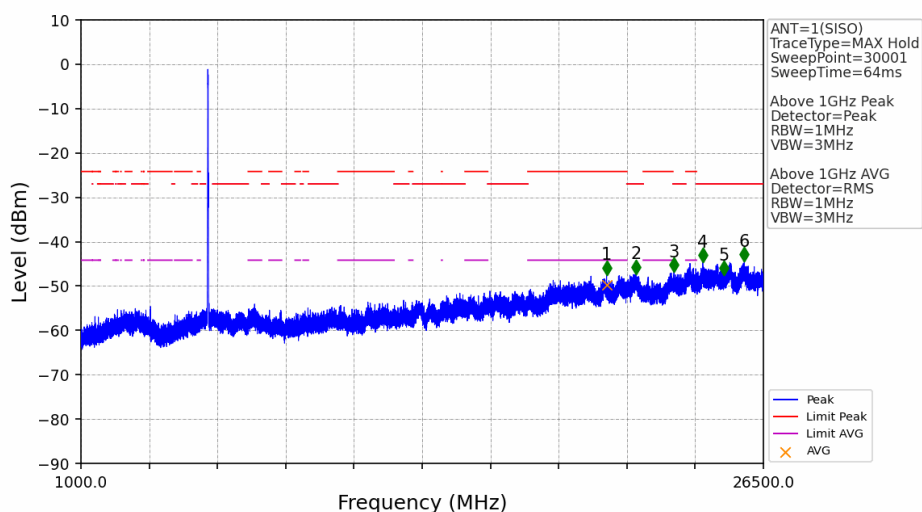
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



802.11n(HT40) HCH 5795MHz_Ant1_NTNV

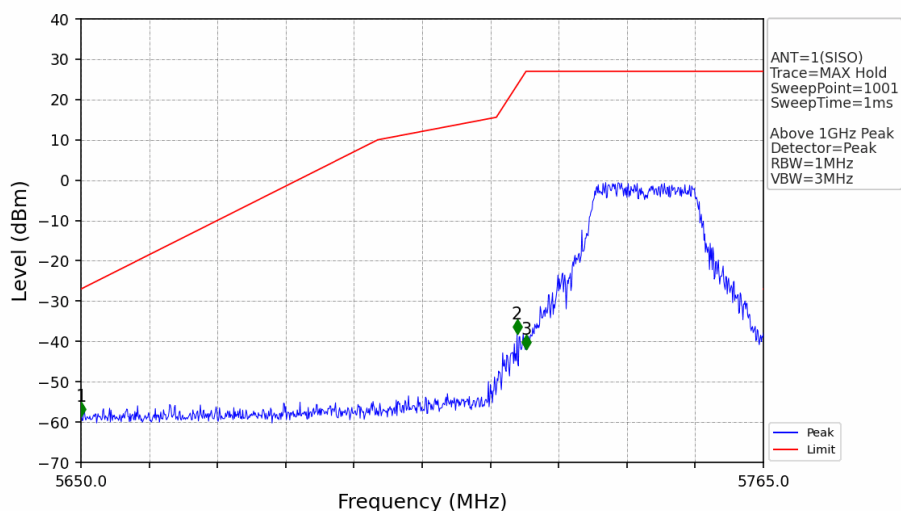


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



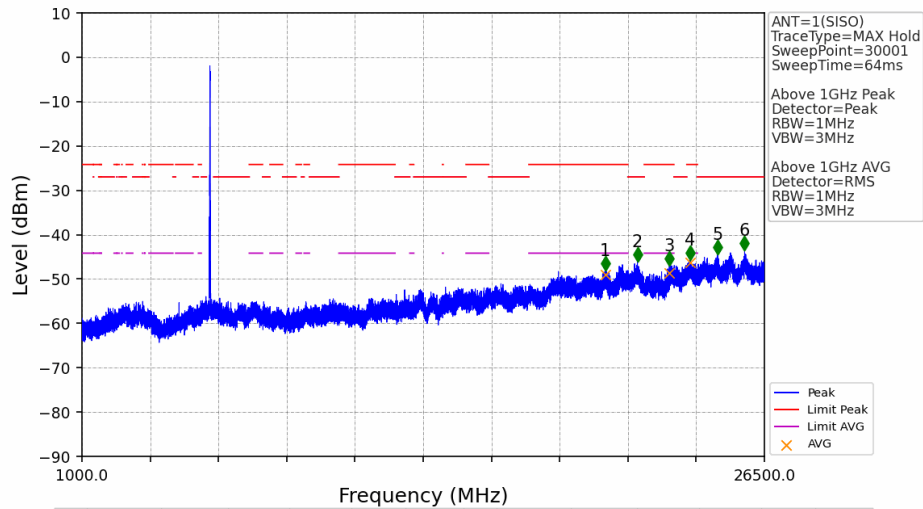
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20640.1	-44.43	-21.20	23.23	Pass	Peak	7	20640.1	-46.79	-41.20	5.59	Pass	AVG
2	21734.9	-44.25	-27.00	17.25	Pass	Peak	8	21734.9	/	-27.00	/	/	AVG
3	23157.8	-43.82	-27.00	16.82	Pass	Peak	9	23157.8	/	-27.00	/	/	AVG
4	24234.75	-41.57	-27.00	14.57	Pass	Peak	10	24234.75	/	-27.00	/	/	AVG
5	25014.2	-44.60	-27.00	17.60	Pass	Peak	11	25014.2	/	-27.00	/	/	AVG
6	25784.3	-41.44	-27.00	14.44	Pass	Peak	12	25784.3	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



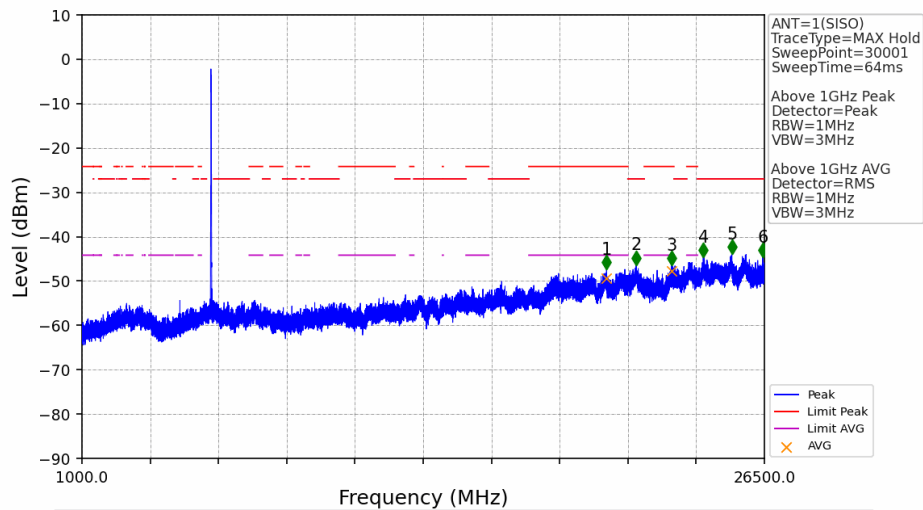
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-55.47	-27.00	28.47	Pass	Peak	3	5725.000	-38.89	27.00	65.89	Pass	Peak
2	5723.485	-35.18	23.55	58.73	Pass	Peak							

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



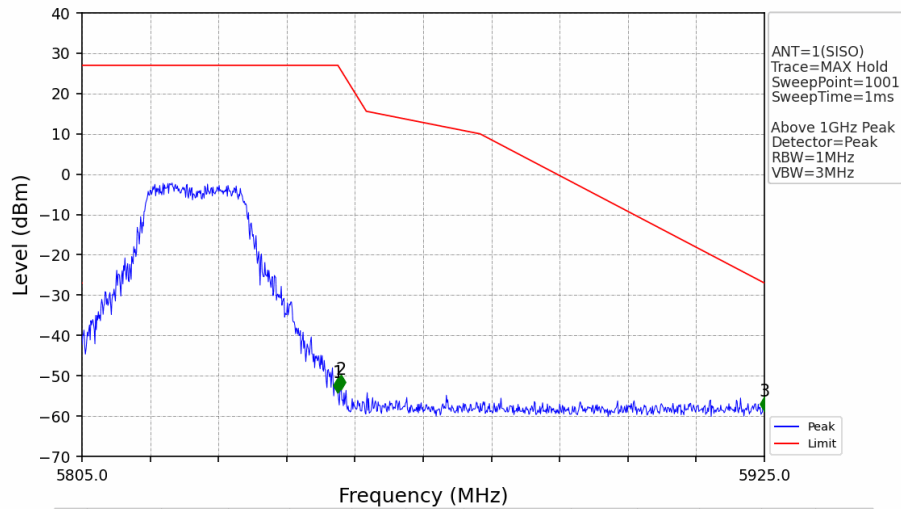
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20555.95	-45.08	-21.20	23.88	Pass	Peak	7	20555.95	-45.95	-41.20	4.75	Pass	AVG
2	21754.45	-43.01	-27.00	16.01	Pass	Peak	8	21754.45	/	-27.00	/	/	AVG
3	22947.85	-44.05	-21.20	22.85	Pass	Peak	9	22947.85	-45.63	-41.20	4.43	Pass	AVG
4	23717.1	-42.66	-21.20	21.46	Pass	Peak	10	23717.1	-43.23	-41.20	2.03	Pass	AVG
5	24753.25	-41.38	-27.00	14.38	Pass	Peak	11	24753.25	/	-27.00	/	/	AVG
6	25761.35	-40.60	-27.00	13.60	Pass	Peak	12	25761.35	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



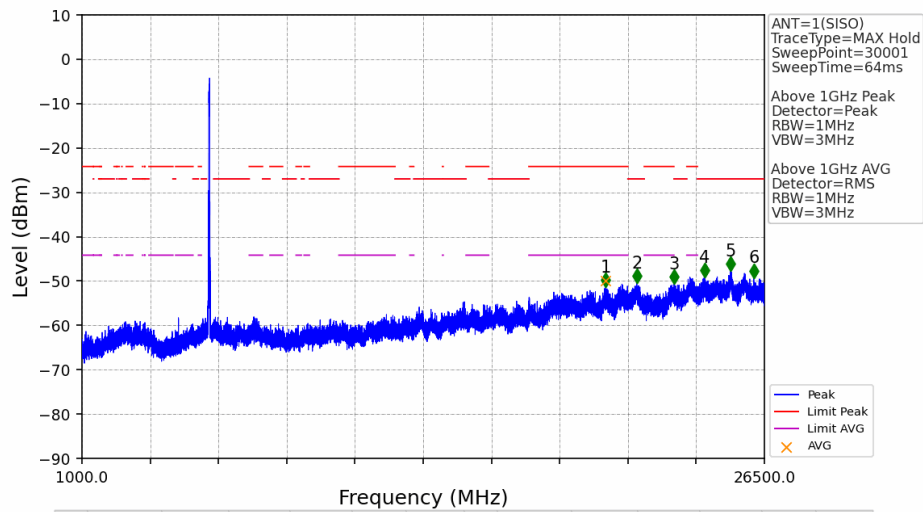
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20601.85	-44.38	-21.20	23.18	Pass	Peak	7	20601.85	-46.43	-41.20	5.23	Pass	AVG
2	21706.85	-43.34	-27.00	16.34	Pass	Peak	8	21706.85	/	-27.00	/	/	AVG
3	23032	-43.49	-21.20	22.29	Pass	Peak	9	23032	-44.69	-41.20	3.49	Pass	AVG
4	24215.2	-41.58	-27.00	14.58	Pass	Peak	10	24215.2	/	-27.00	/	/	AVG
5	25282.8	-40.93	-27.00	13.93	Pass	Peak	11	25282.8	/	-27.00	/	/	AVG
6	26437.1	-41.57	-27.00	14.57	Pass	Peak	12	26437.1	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



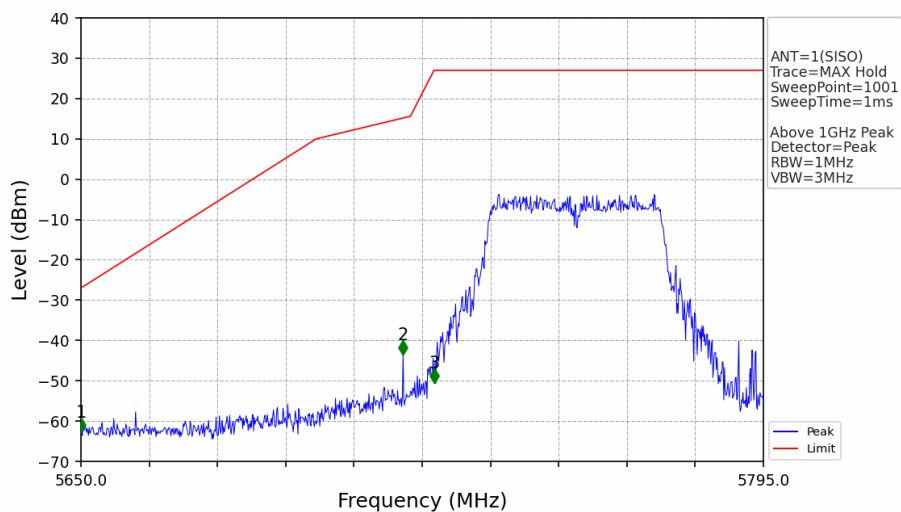
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-51.19	27.00	78.19	Pass	Peak	3	5925.000	-55.78	-27.00	28.78	Pass	Peak
2	5850.600	-50.37	25.63	76.01	Pass	Peak							

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



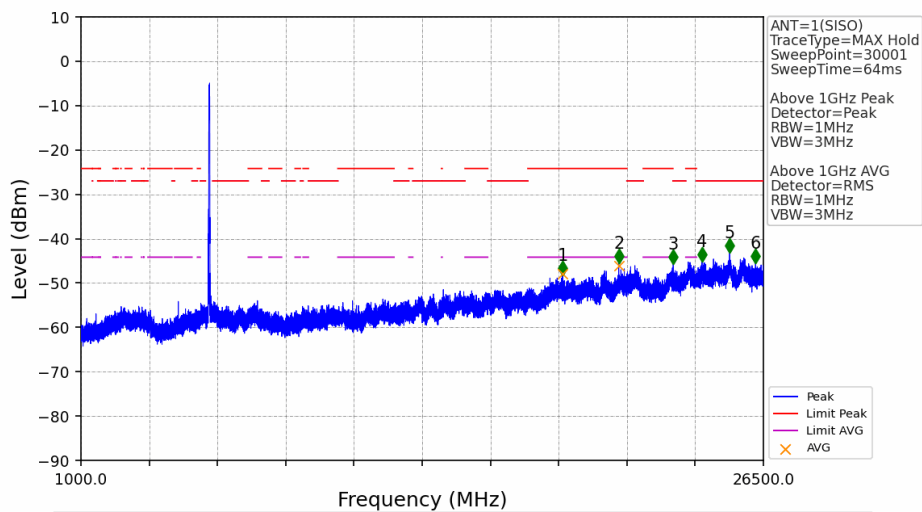
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20568.7	-48.33	-21.20	27.12	Pass	Peak	7	20568.7	-46.87	-41.20	5.67	Pass	AVG
2	21733.2	-47.39	-27.00	20.39	Pass	Peak	8	21733.2	/	-27.00	/	/	AVG
3	23124.65	-47.60	-27.00	20.60	Pass	Peak	9	23124.65	/	-27.00	/	/	AVG
4	24270.45	-46.11	-27.00	19.11	Pass	Peak	10	24270.45	/	-27.00	/	/	AVG
5	25225.85	-44.73	-27.00	17.73	Pass	Peak	11	25225.85	/	-27.00	/	/	AVG
6	26103.05	-46.26	-27.00	19.25	Pass	Peak	12	26103.05	/	-27.00	/	/	AVG

802.11ac(VHT40) LCH 5755MHz Ant1_NTNV



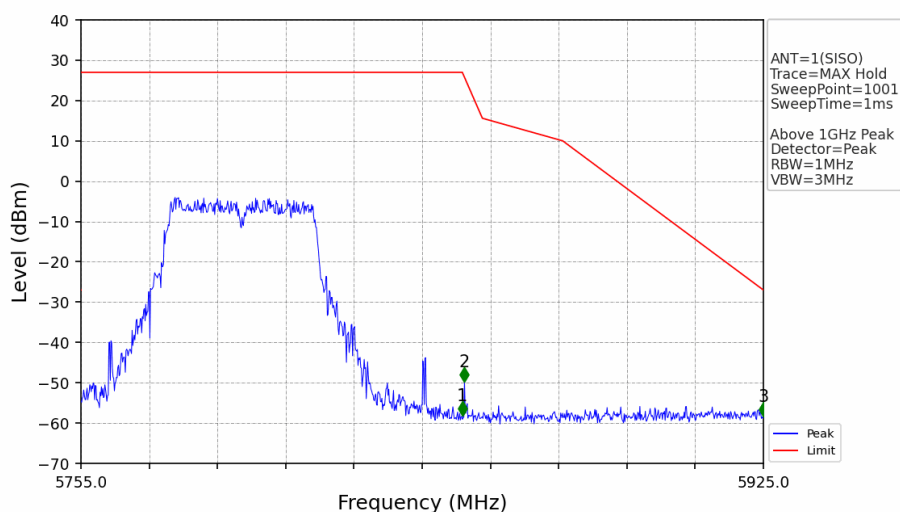
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-59.76	-27.00	32.76	Pass	Peak	3	5725.000	-47.60	27.00	74.60	Pass	Peak
2	5718.440	-40.52	15.16	55.69	Pass	Peak							

802.11ac(VHT40) HCH 5795MHz Ant1_NTNV

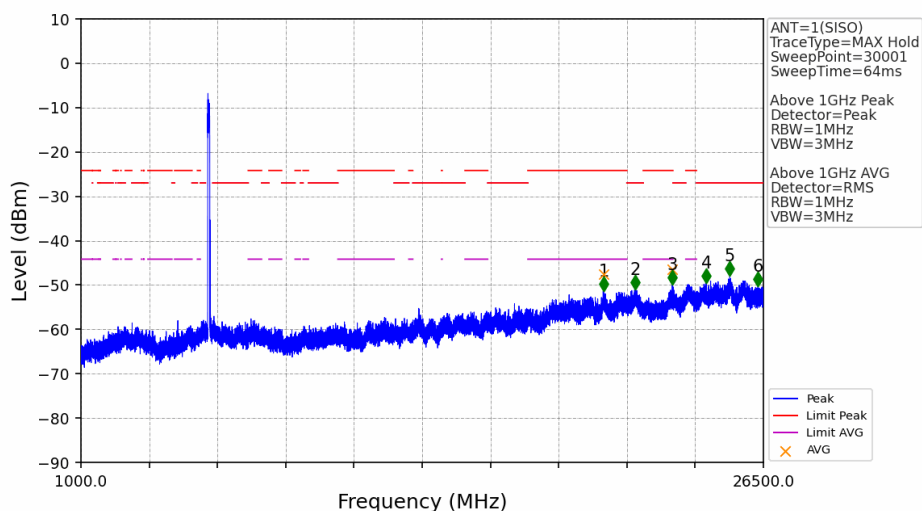


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18994.5	-45.22	-21.20	24.02	Pass	Peak	7	18994.5	-44.92	-41.20	3.72	Pass	AVG
2	21094	-42.45	-21.20	21.25	Pass	Peak	8	21094	-43.18	-41.20	1.98	Pass	AVG
3	23129.75	-42.73	-27.00	15.73	Pass	Peak	9	23129.75	/	-27.00	/	/	AVG
4	24206.7	-42.17	-27.00	15.17	Pass	Peak	10	24206.7	/	-27.00	/	/	AVG
5	25237.75	-40.10	-27.00	13.10	Pass	Peak	11	25237.75	/	-27.00	/	/	AVG
6	26205.9	-42.48	-27.00	15.48	Pass	Peak	12	26205.9	/	-27.00	/	/	AVG

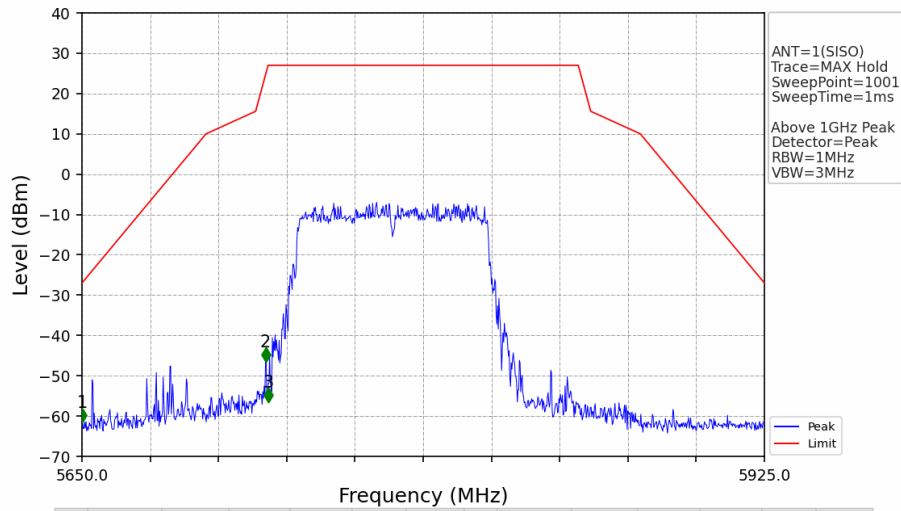
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV

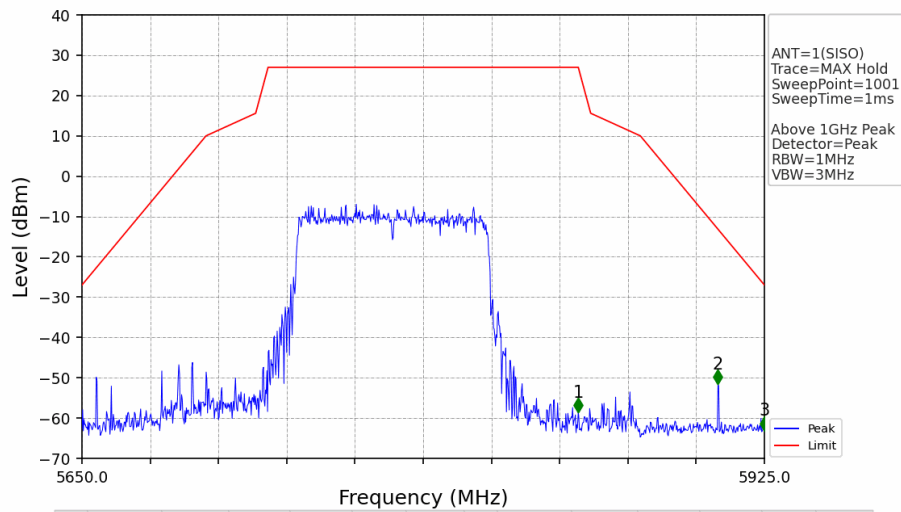


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



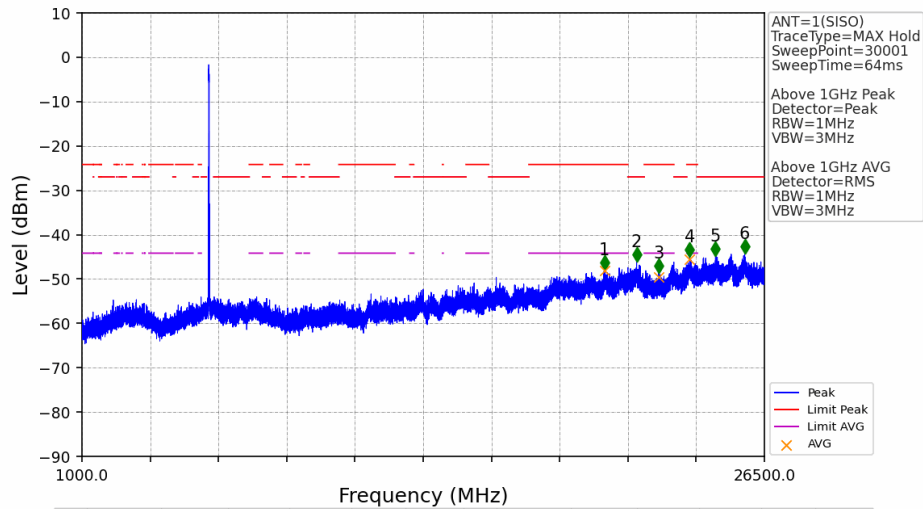
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-58.47	-27.00	31.46	Pass	Peak	3	5725.000	-53.56	27.00	80.56	Pass	Peak
2	5723.975	-43.45	24.66	68.12	Pass	Peak							

802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



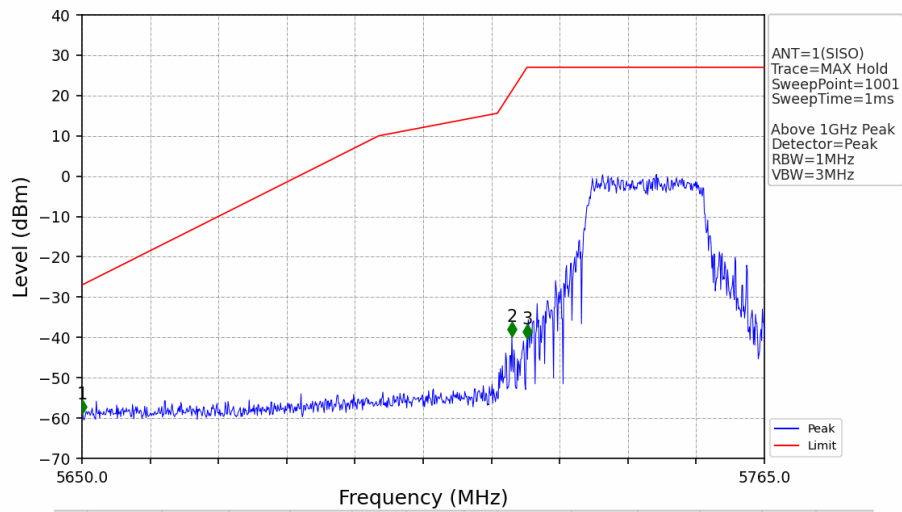
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-55.49	27.00	82.49	Pass	AVG	3	5925.000	-60.05	-27.00	33.05	Pass	AVG
2	5906.300	-48.51	-13.16	35.35	Pass	AVG							

802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



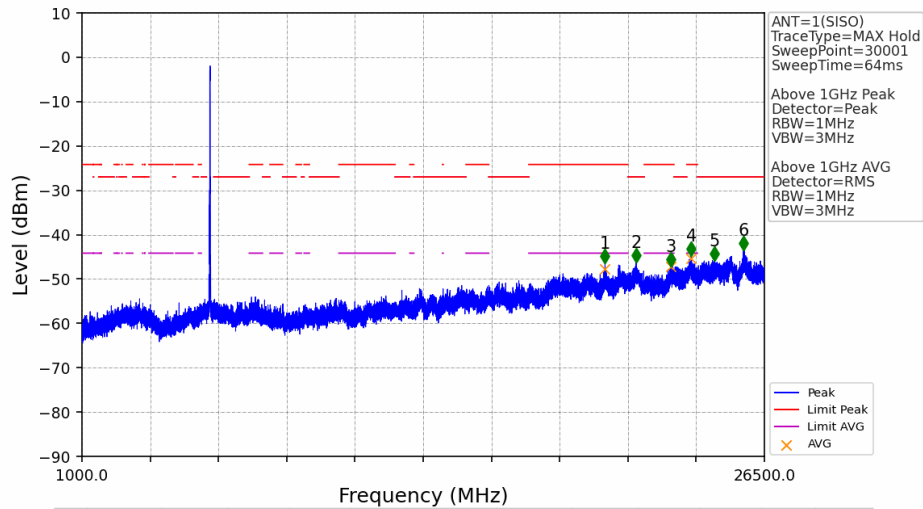
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20526.2	-44.93	-21.20	23.73	Pass	Peak	7	20526.2	-45.06	-41.20	3.86	Pass	AVG
2	21724.7	-43.08	-27.00	16.08	Pass	Peak	8	21724.7	/	-27.00	/	/	AVG
3	22548.35	-45.61	-21.20	24.41	Pass	Peak	9	22548.35	-46.67	-41.20	5.47	Pass	AVG
4	23710.3	-41.93	-21.20	20.73	Pass	Peak	10	23710.3	-42.61	-41.20	1.41	Pass	AVG
5	24673.35	-41.79	-27.00	14.79	Pass	Peak	11	24673.35	/	-27.00	/	/	AVG
6	25763.05	-41.27	-27.00	14.27	Pass	Peak	12	25763.05	/	-27.00	/	/	AVG

802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



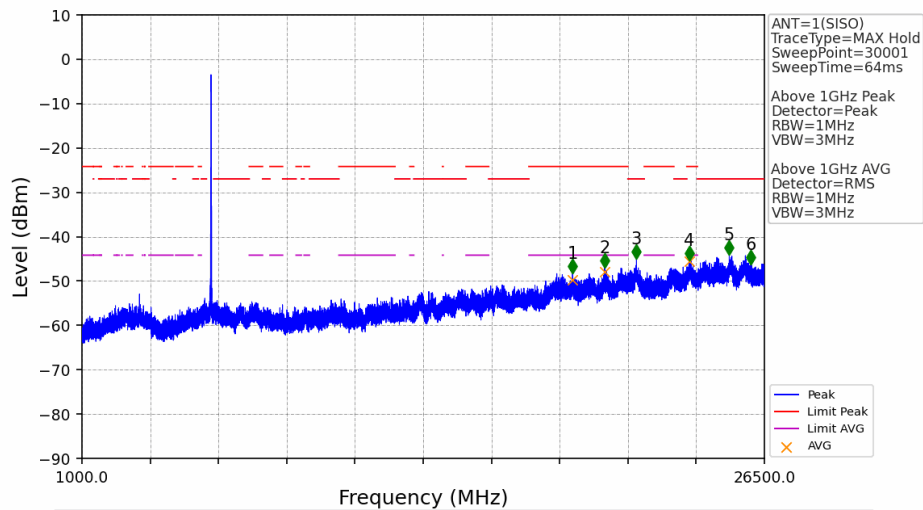
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-55.87	-27.00	28.87	Pass	Peak	3	5725.000	-37.33	27.00	64.33	Pass	Peak
2	5722.450	-36.62	21.19	57.81	Pass	Peak							

802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



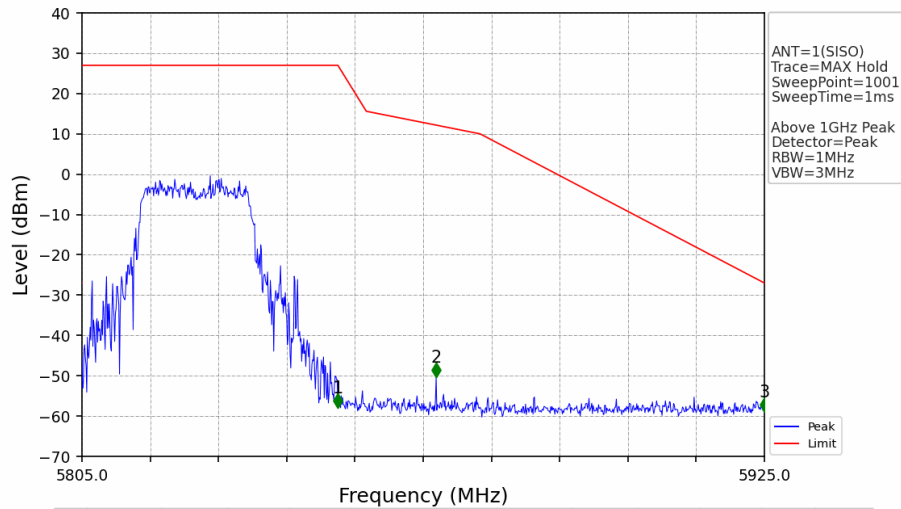
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20544.9	-43.39	-21.20	22.19	Pass Peak	7	20544.9	-44.80	-41.20	3.60	Pass AVG
2	21706.85	-43.32	-27.00	16.32	Pass Peak	8	21706.85	/	-27.00	/	/ AVG
3	22996.3	-44.18	-21.20	22.98	Pass Peak	9	22996.3	-44.23	-41.20	3.03	Pass AVG
4	23762.15	-41.76	-21.20	20.56	Pass Peak	10	23762.15	-42.44	-41.20	1.24	Pass AVG
5	24639.35	-42.81	-27.00	15.81	Pass Peak	11	24639.35	/	-27.00	/	/ AVG
6	25710.35	-40.56	-27.00	13.56	Pass Peak	12	25710.35	/	-27.00	/	/ AVG

802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



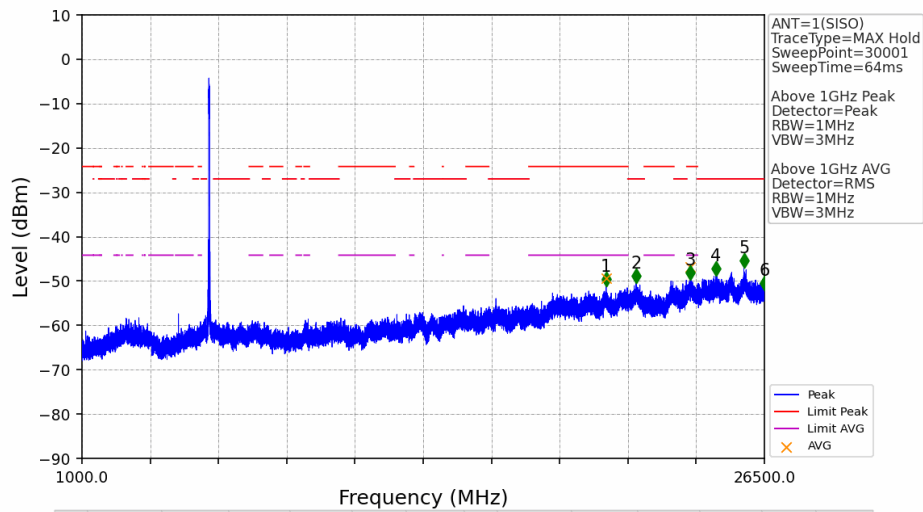
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	19331.1	-45.33	-21.20	24.12	Pass Peak	7	19331.1	-46.69	-41.20	5.49	Pass AVG
2	20530.45	-44.02	-21.20	22.82	Pass Peak	8	20530.45	-44.92	-41.20	3.72	Pass AVG
3	21719.6	-42.05	-27.00	15.05	Pass Peak	9	21719.6	/	-27.00	/	/ AVG
4	23689.9	-42.28	-21.20	21.08	Pass Peak	10	23689.9	-42.60	-41.20	1.40	Pass AVG
5	25187.6	-41.04	-27.00	14.04	Pass Peak	11	25187.6	/	-27.00	/	/ AVG
6	25992.55	-43.20	-27.00	16.20	Pass Peak	12	25992.55	/	-27.00	/	/ AVG

802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



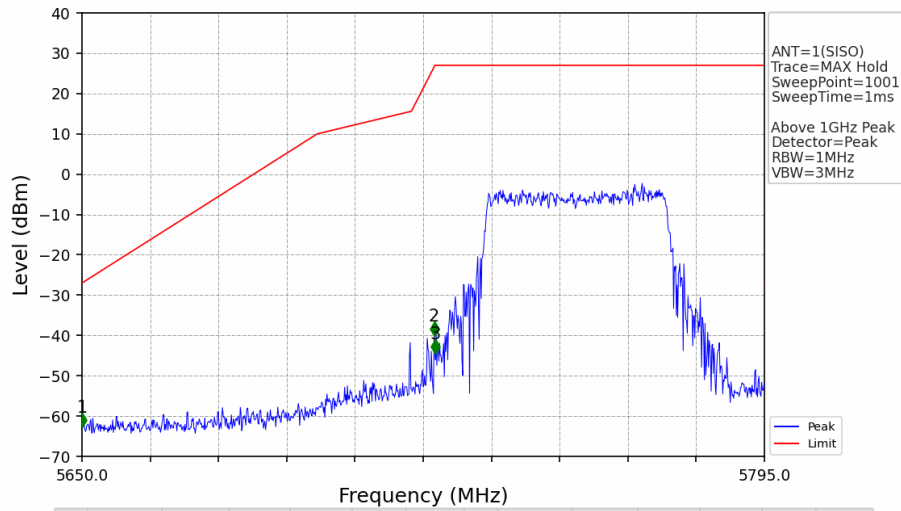
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-54.85	27.00	81.86	Pass	Peak	3	5925.000	-56.02	-27.00	29.02	Pass	Peak
2	5867.280	-47.31	12.16	59.48	Pass	Peak							

802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV

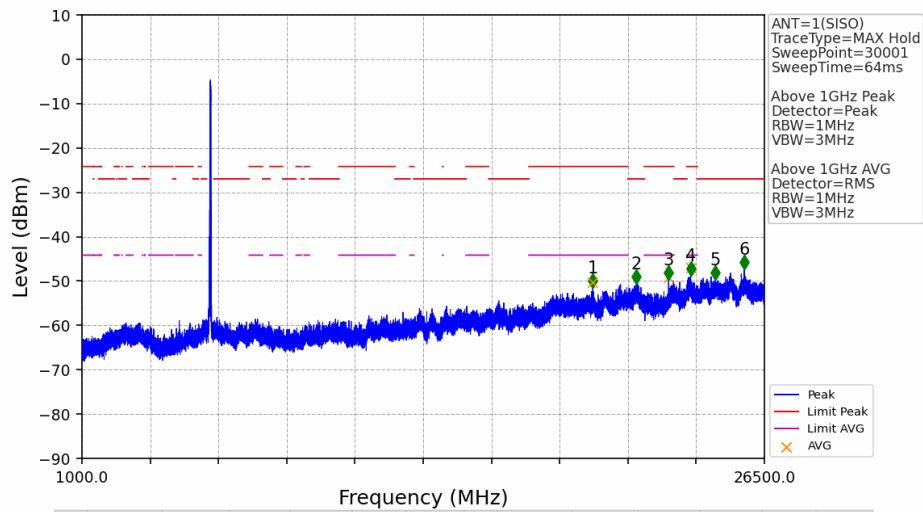


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20585.7	-48.16	-21.20	26.96	Pass	Peak	7	20585.7	-46.37	-41.20	5.17	Pass	AVG
2	21706	-47.49	-27.00	20.49	Pass	Peak	8	21706	/	-27.00	/	/	AVG
3	23741.75	-46.67	-21.20	25.47	Pass	Peak	9	23741.75	-43.90	-41.20	2.70	Pass	AVG
4	24692.05	-45.88	-27.00	18.88	Pass	Peak	10	24692.05	/	-27.00	/	/	AVG
5	25731.6	-43.91	-27.00	16.91	Pass	Peak	11	25731.6	/	-27.00	/	/	AVG
6	26499.15	-49.05	-27.00	22.05	Pass	Peak	12	26499.15	/	-27.00	/	/	AVG

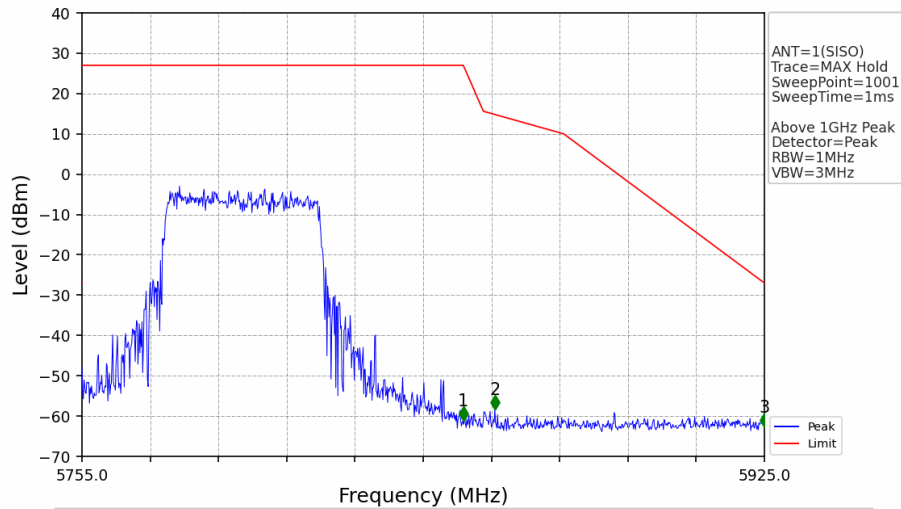
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



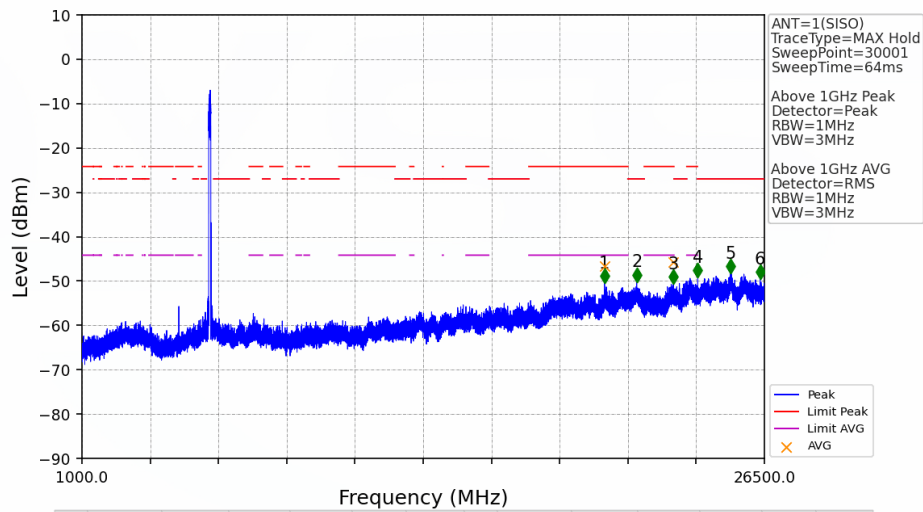
802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV



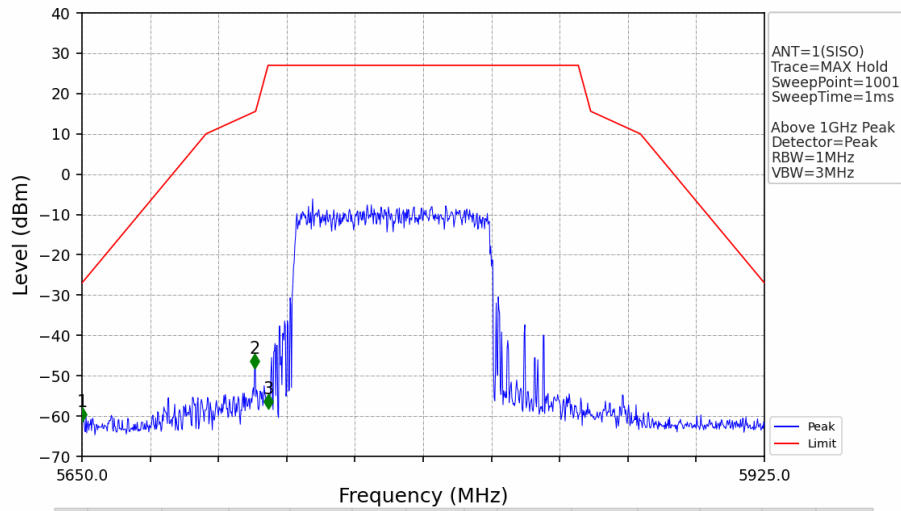
802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



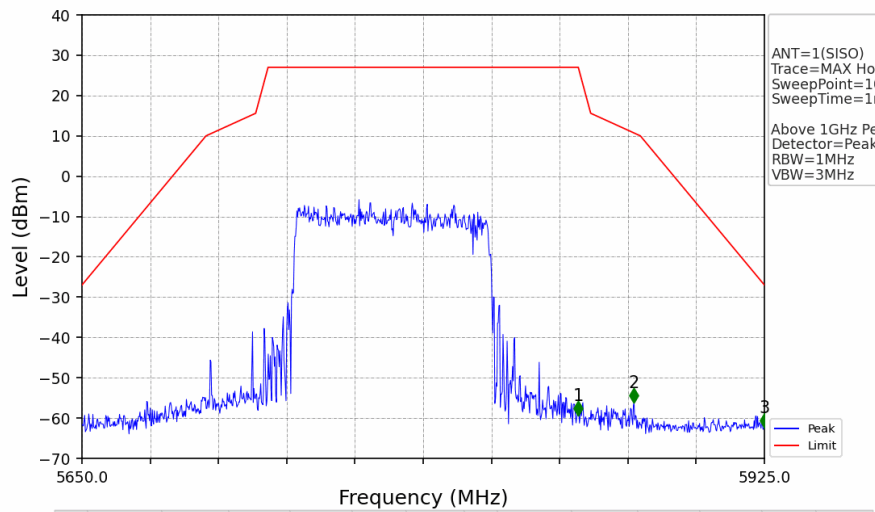
802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / 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	5745	20	102	5744.968	5725 to 5850	Pass
				120	5744.968	5725 to 5850	Pass
				138	5744.968	5725 to 5850	Pass
			-30	120	5744.969	5725 to 5850	Pass
			-20	120	5744.969	5725 to 5850	Pass
			-10	120	5744.969	5725 to 5850	Pass
			0	120	5744.969	5725 to 5850	Pass
			10	120	5744.969	5725 to 5850	Pass
			30	120	5744.969	5725 to 5850	Pass
			40	120	5744.970	5725 to 5850	Pass
			50	120	5744.970	5725 to 5850	Pass
		5785	20	102	5784.969	5725 to 5850	Pass
				120	5784.970	5725 to 5850	Pass
				138	5784.970	5725 to 5850	Pass
			-30	120	5784.970	5725 to 5850	Pass
			-20	120	5784.970	5725 to 5850	Pass
			-10	120	5784.970	5725 to 5850	Pass
			0	120	5784.970	5725 to 5850	Pass
			10	120	5784.970	5725 to 5850	Pass
			30	120	5784.970	5725 to 5850	Pass
			40	120	5784.970	5725 to 5850	Pass
			50	120	5784.970	5725 to 5850	Pass
		5825	20	102	5824.970	5725 to 5850	Pass
				120	5824.970	5725 to 5850	Pass
				138	5824.970	5725 to 5850	Pass
			-30	120	5824.970	5725 to 5850	Pass
			-20	120	5824.970	5725 to 5850	Pass
			-10	120	5824.970	5725 to 5850	Pass
			0	120	5824.970	5725 to 5850	Pass
			10	120	5824.970	5725 to 5850	Pass
			30	120	5824.970	5725 to 5850	Pass
			40	120	5824.970	5725 to 5850	Pass
			50	120	5824.970	5725 to 5850	Pass
		5755	20	102	5754.970	5725 to 5850	Pass
				120	5754.970	5725 to 5850	Pass
				138	5754.970	5725 to 5850	Pass
			-30	120	5754.970	5725 to 5850	Pass
			-20	120	5754.971	5725 to 5850	Pass
			-10	120	5754.971	5725 to 5850	Pass
			0	120	5754.971	5725 to 5850	Pass
			10	120	5754.971	5725 to 5850	Pass
			30	120	5754.971	5725 to 5850	Pass
			40	120	5754.971	5725 to 5850	Pass
			50	120	5754.971	5725 to 5850	Pass
		5795	20	102	5794.970	5725 to 5850	Pass
				120	5794.970	5725 to 5850	Pass
				138	5794.970	5725 to 5850	Pass
			-30	120	5794.971	5725 to 5850	Pass

			-20	120	5794.970	5725 to 5850	Pass
			-10	120	5794.970	5725 to 5850	Pass
			0	120	5794.971	5725 to 5850	Pass
			10	120	5794.971	5725 to 5850	Pass
			30	120	5794.971	5725 to 5850	Pass
			40	120	5794.971	5725 to 5850	Pass
			50	120	5794.971	5725 to 5850	Pass
		5775	20	102	5774.971	5725 to 5850	Pass
				120	5774.971	5725 to 5850	Pass
				138	5774.971	5725 to 5850	Pass
			-30	120	5774.971	5725 to 5850	Pass
			-20	120	5774.971	5725 to 5850	Pass
			-10	120	5774.971	5725 to 5850	Pass
			0	120	5774.971	5725 to 5850	Pass
			10	120	5774.971	5725 to 5850	Pass
			30	120	5774.971	5725 to 5850	Pass
			40	120	5774.971	5725 to 5850	Pass
			50	120	5774.971	5725 to 5850	Pass

▶▶▶ END OF REPORT ◀◀◀

