

1. Duty Cycle

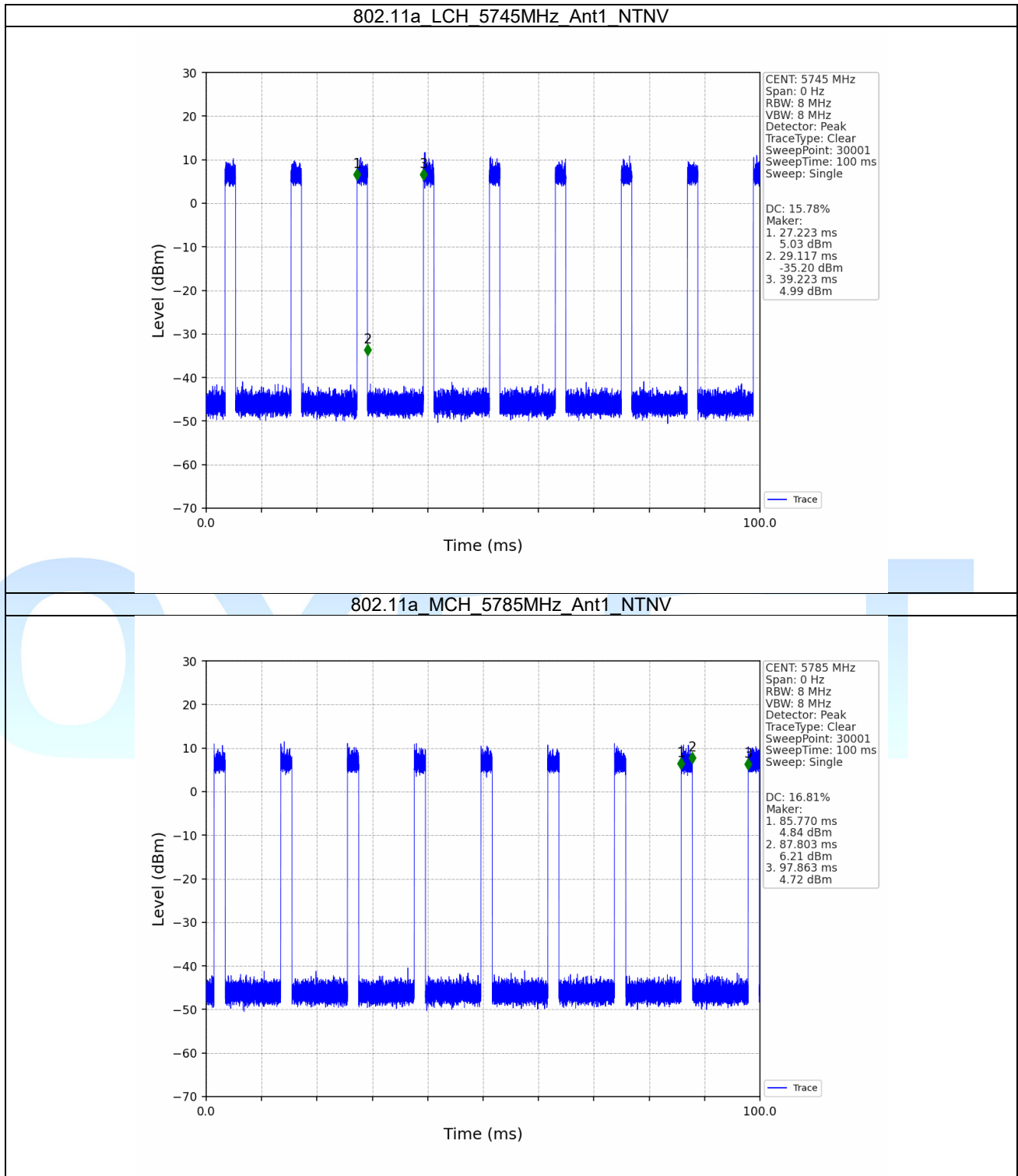
1.1 Test Result

1.1.1 Ant1

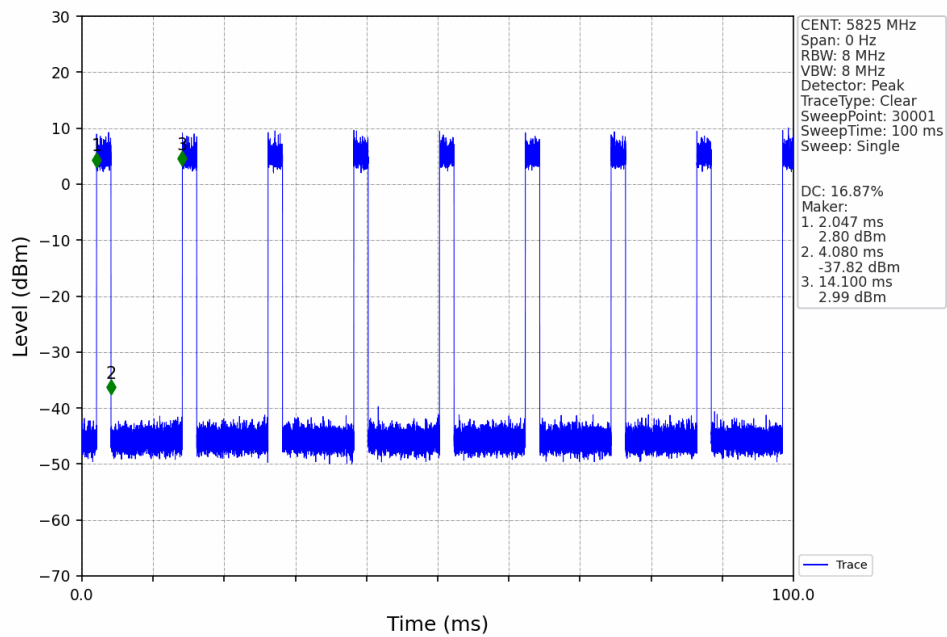
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	/	/	1.894	12.000	15.78	8.02	0.15
		5785	/	/	2.033	12.093	16.81	7.74	0.09
		5825	/	/	2.033	12.053	16.87	7.73	0.03
802.11n (HT20)	SISO	5745	/	/	1.893	11.913	15.89	7.99	0.03
		5785	/	/	1.897	12.054	15.74	8.03	0.19
		5825	/	/	1.890	11.917	15.86	8.00	0.04
802.11n (HT40)	SISO	5755	/	/	0.933	11.260	8.29	10.82	0.24
		5795	/	/	0.933	16.116	5.79	12.37	2.74
802.11ac (VHT20)	SISO	5745	/	/	1.904	12.527	15.20	8.18	0.78
		5785	/	/	1.900	11.924	15.93	7.98	0.03
		5825	/	/	1.900	11.920	15.94	7.98	0.03
802.11ac (VHT40)	SISO	5755	/	/	0.937	10.960	8.55	10.68	0.04
		5795	/	/	0.936	10.960	8.54	10.69	0.04
802.11ac (VHT80)	SISO	5775	/	/	0.457	10.544	4.33	13.63	0.03
802.11ax (HEW20)	SISO	5745	SU	/	1.464	11.614	12.61	8.99	0.15
		5785	SU	/	1.464	11.727	12.48	9.04	0.27
		5825	SU	/	1.463	11.483	12.74	8.95	0.00
802.11ax (HEW40)	SISO	5755	SU	/	0.760	10.777	7.05	11.52	0.03
		5795	SU	/	0.763	10.787	7.07	11.50	0.01
802.11ax (HEW80)	SISO	5775	SU	/	0.396	11.336	3.49	14.57	0.31

1.2 Test Graph

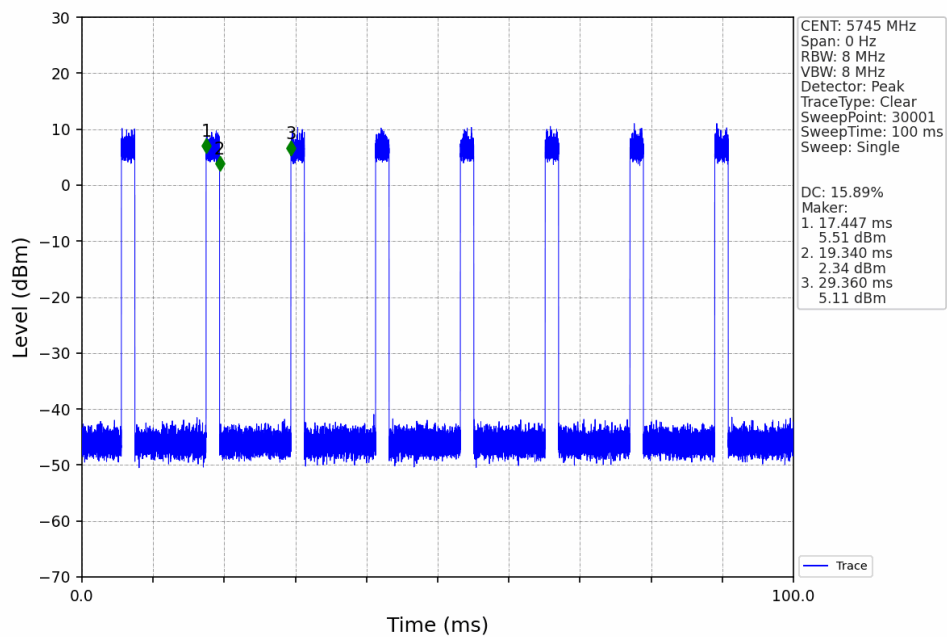
1.2.1 Ant1



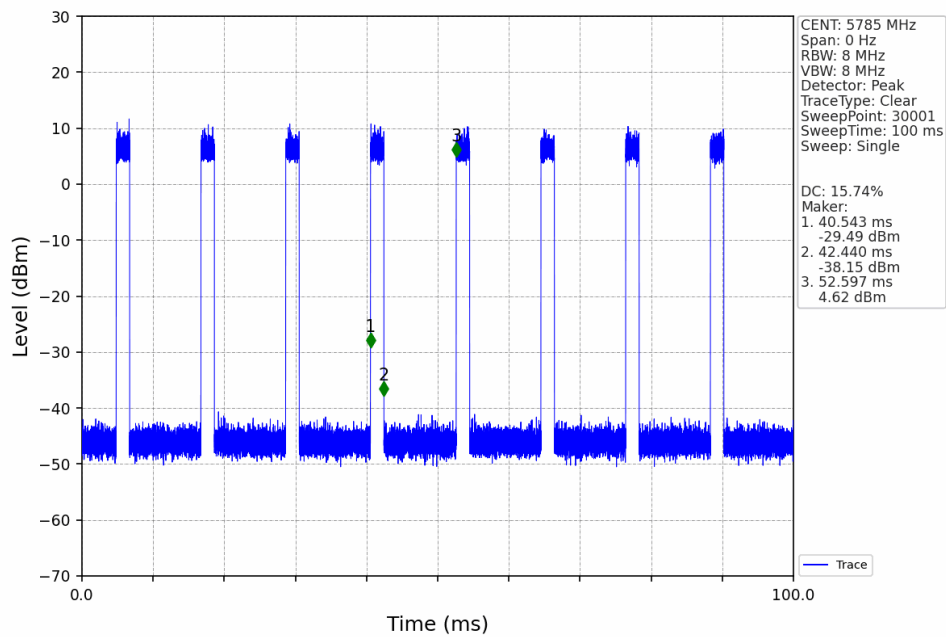
802.11a_HCH_5825MHz_Ant1_NTNV



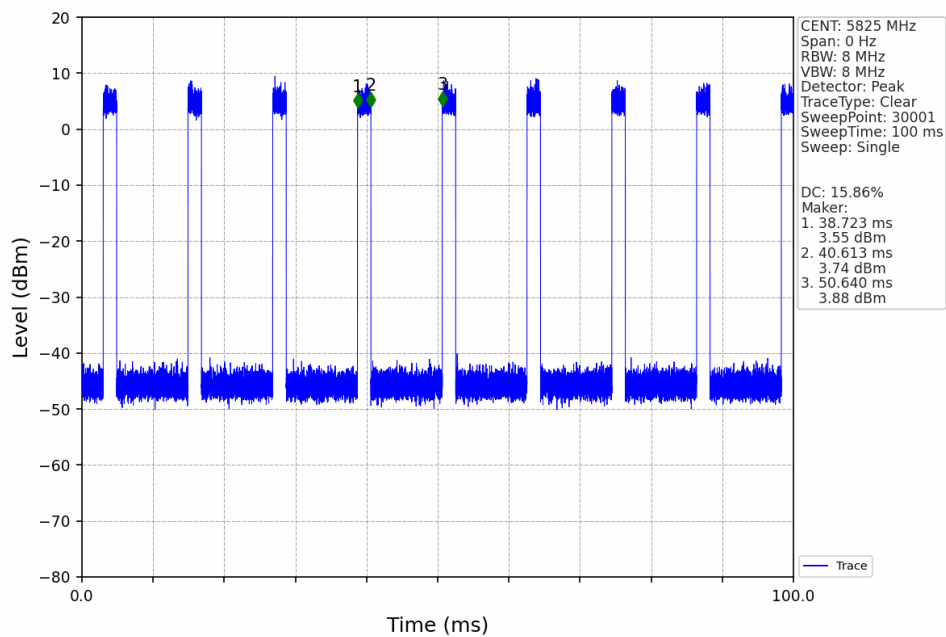
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



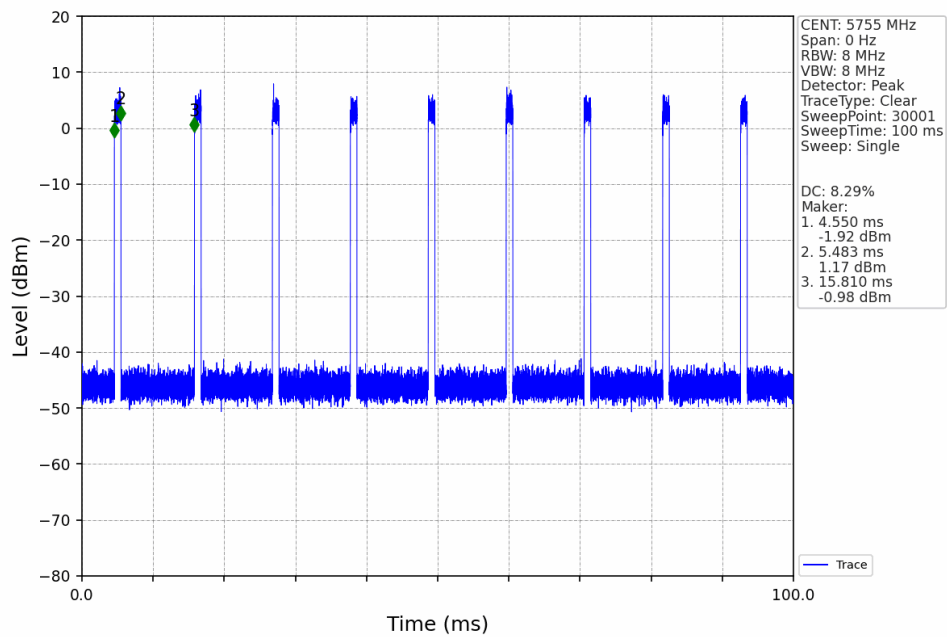
802.11n(HT20) MCH_5785MHz_Ant1_NTNV



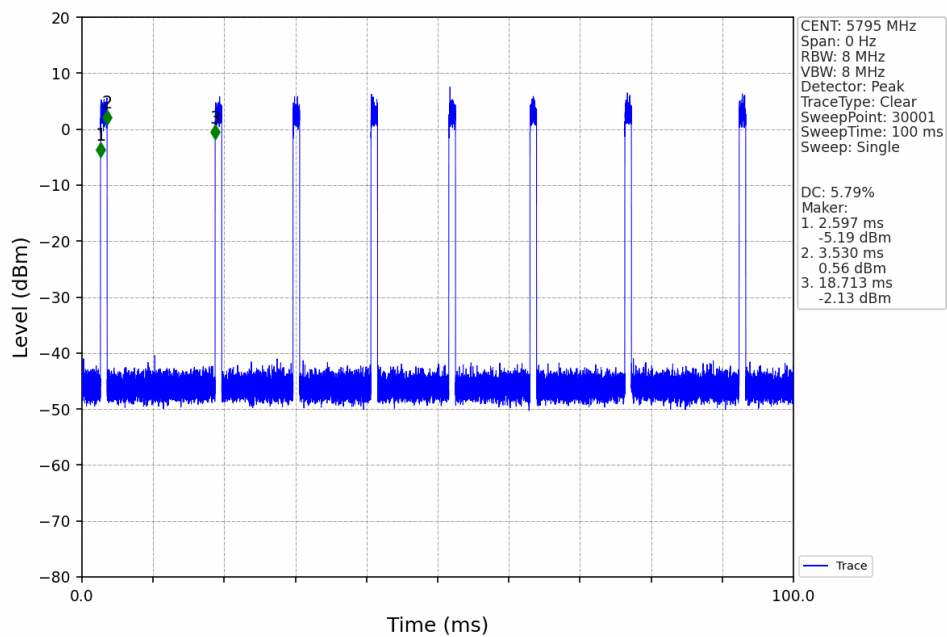
802.11n(HT20) HCH_5825MHz_Ant1_NTNV



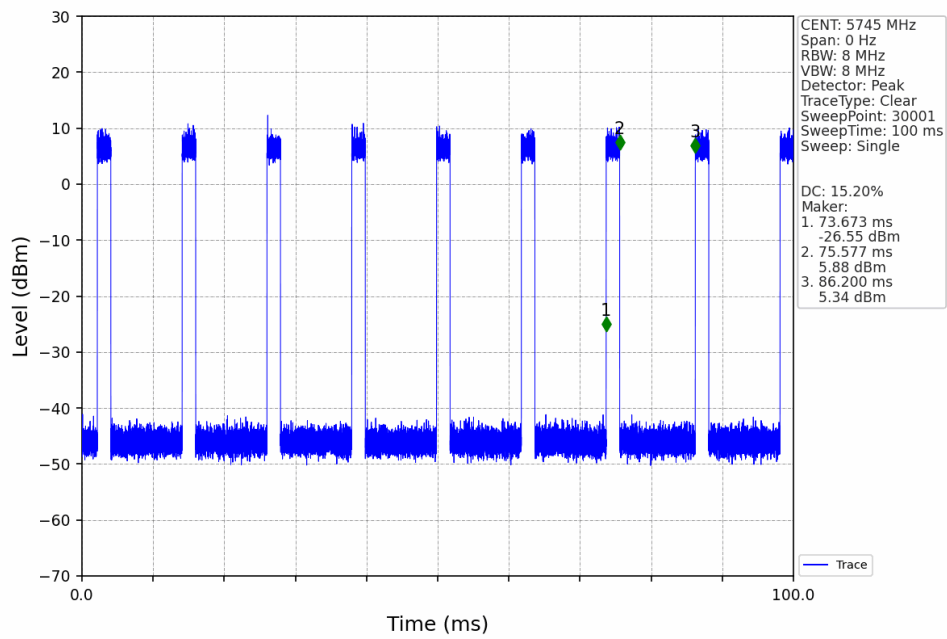
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



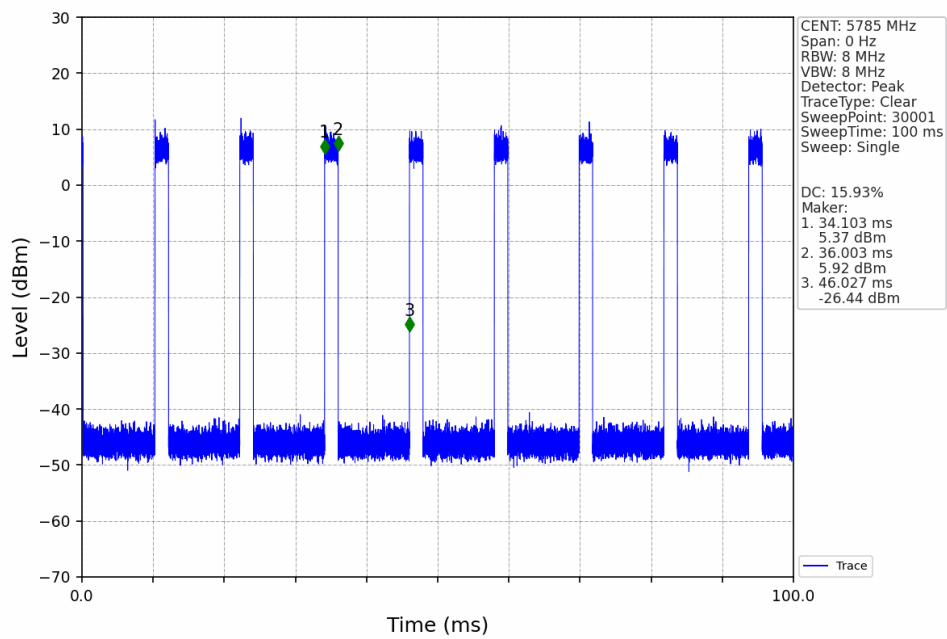
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



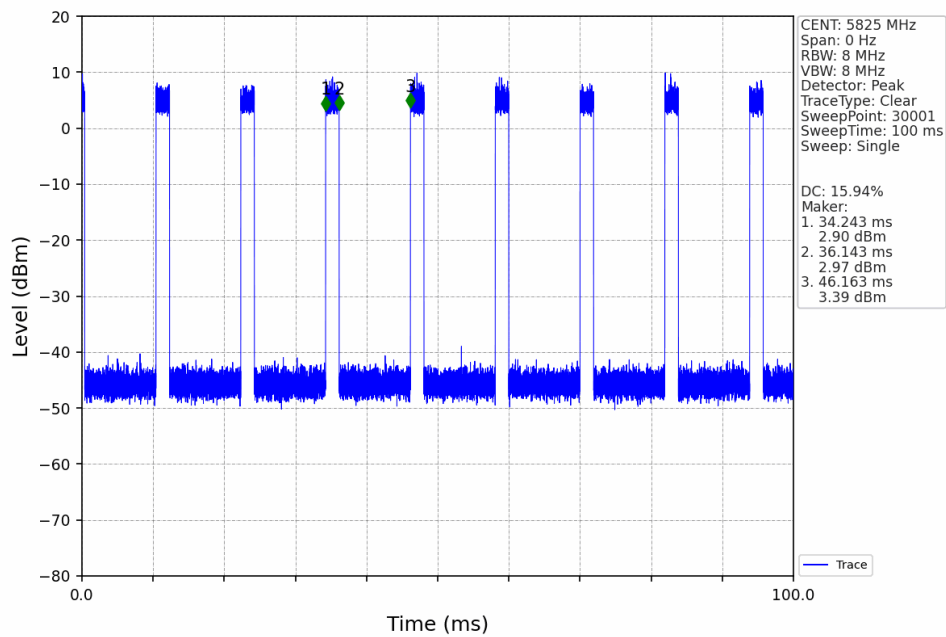
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



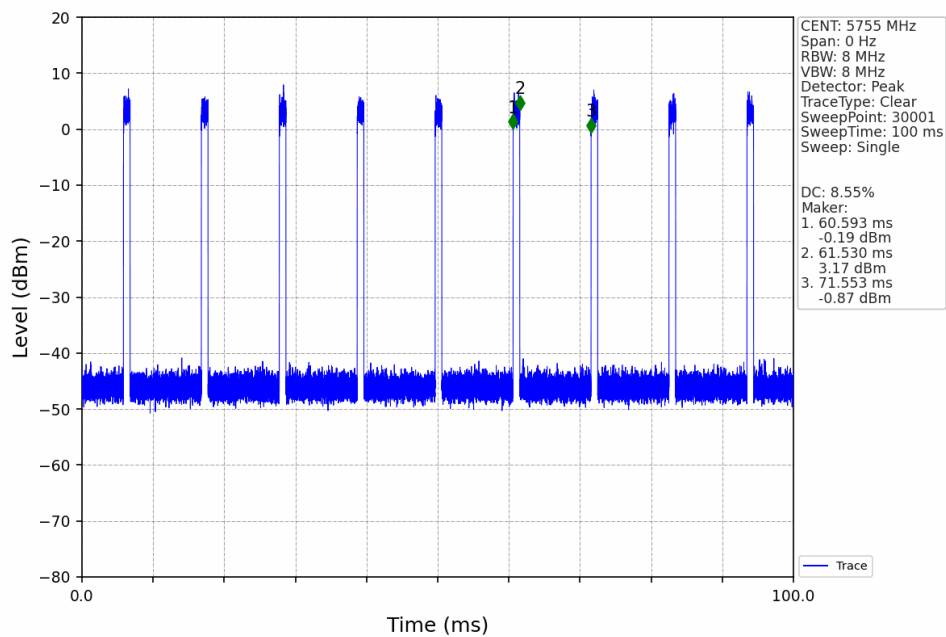
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



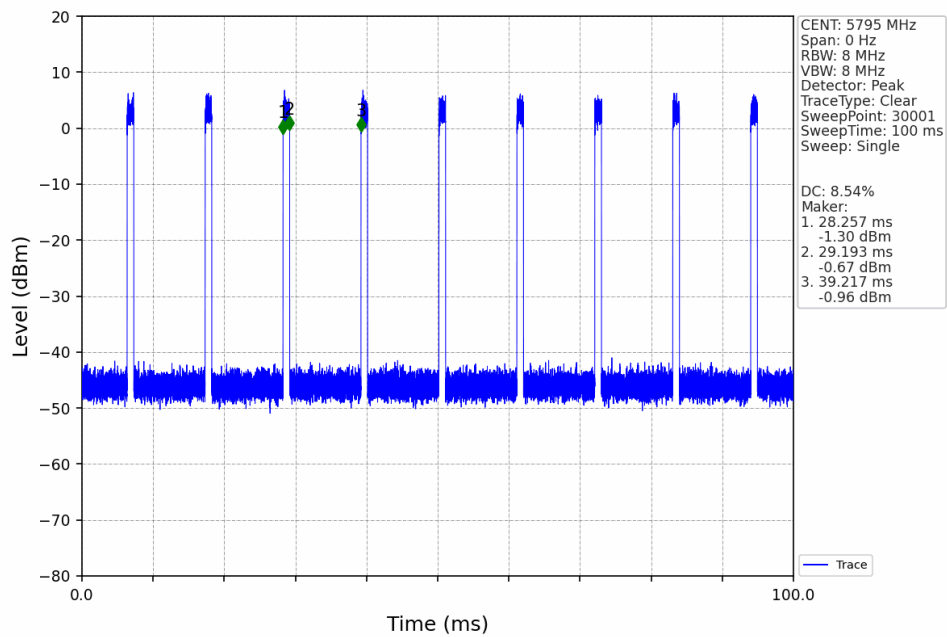
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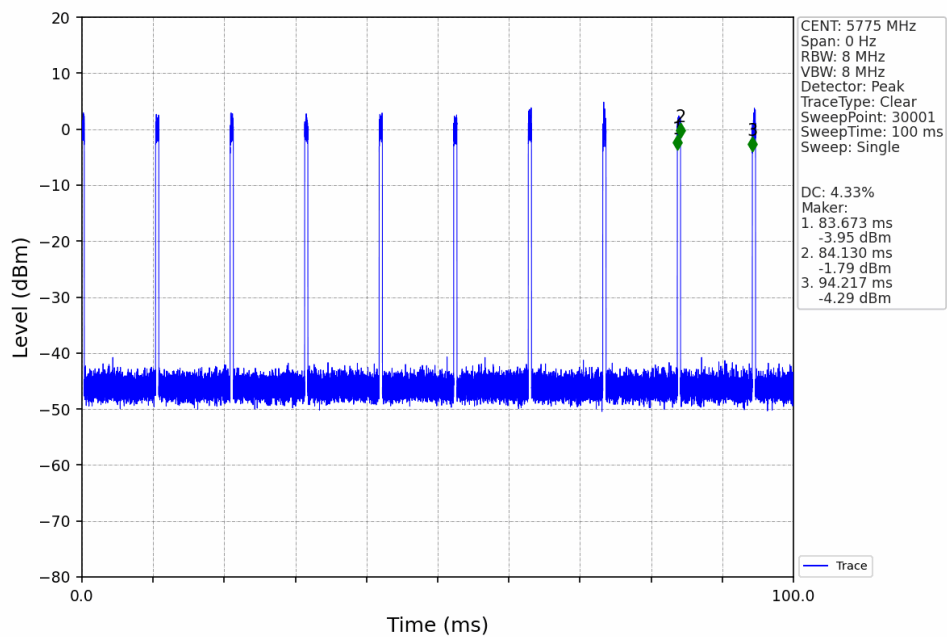
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



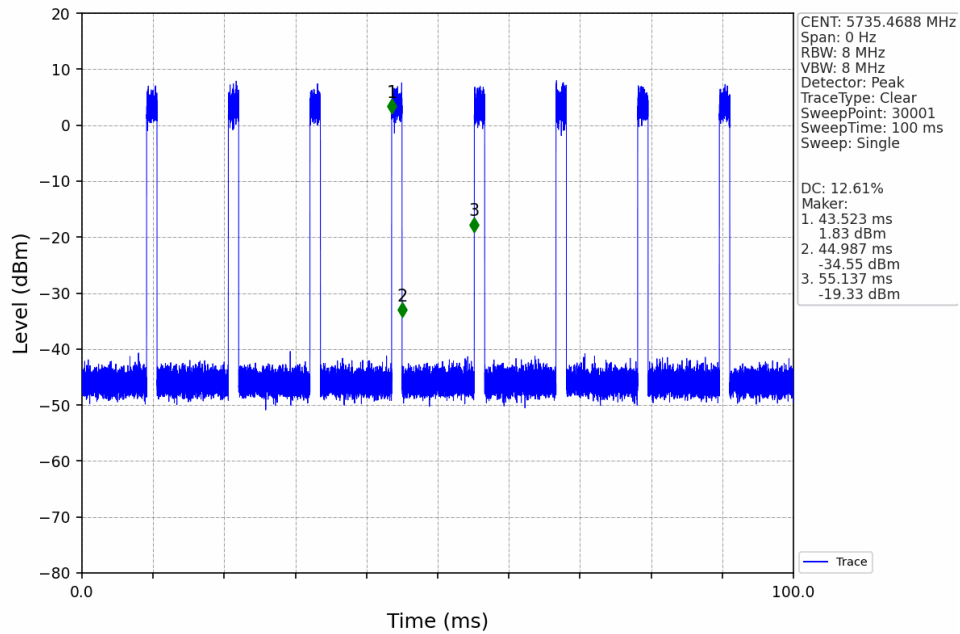
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



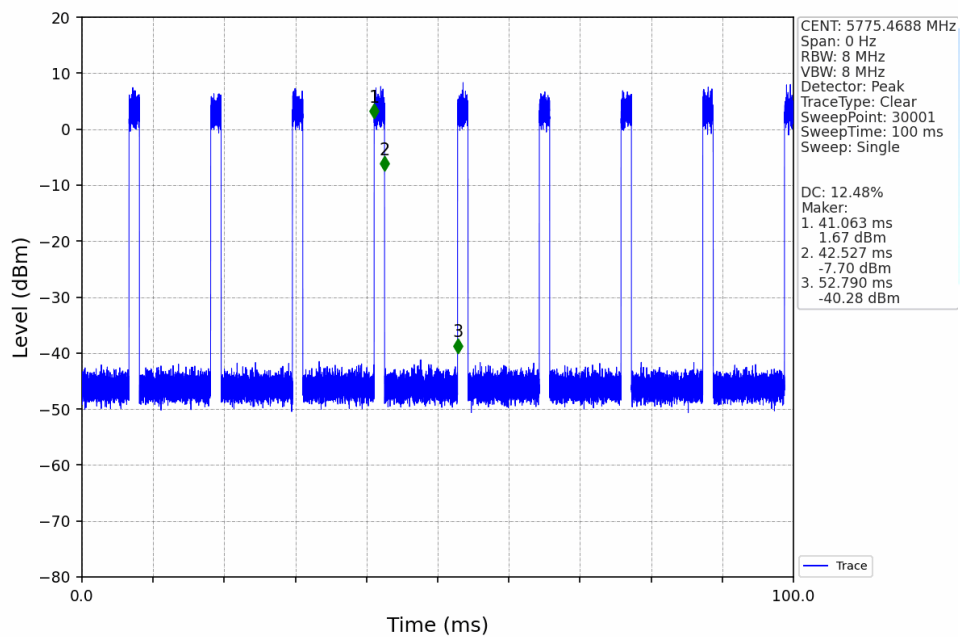
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



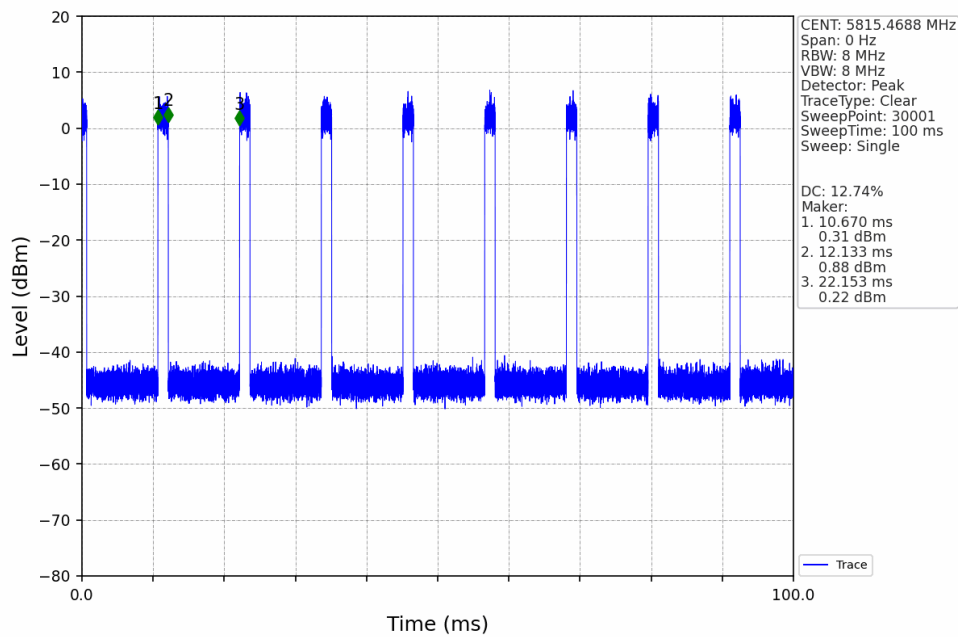
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



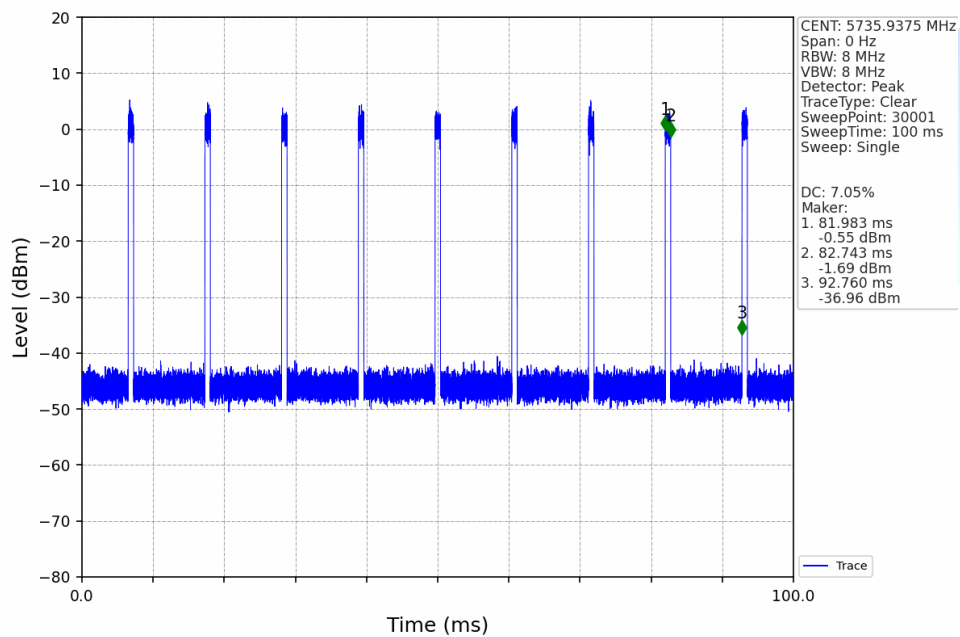
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



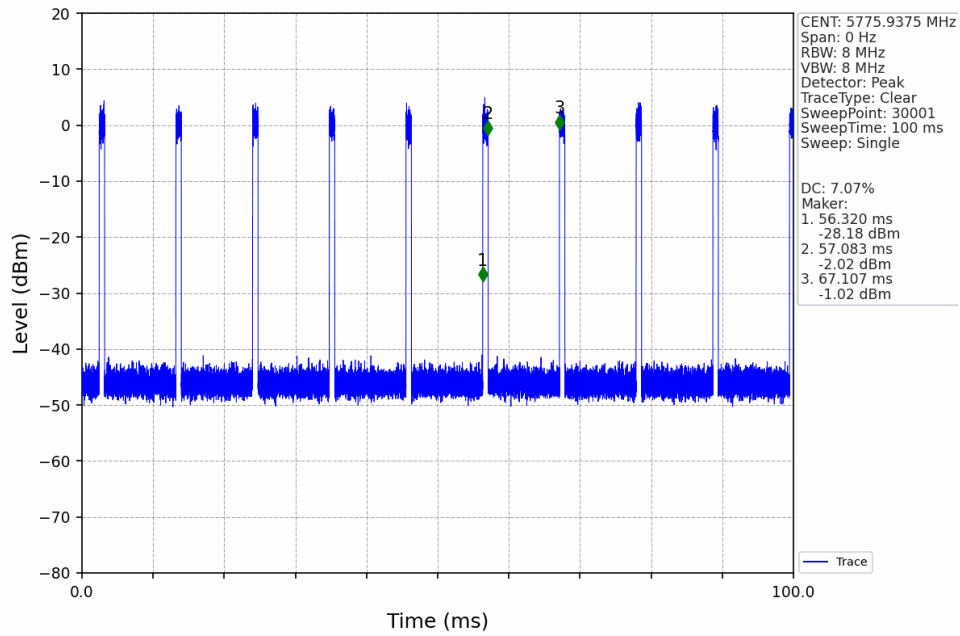
802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



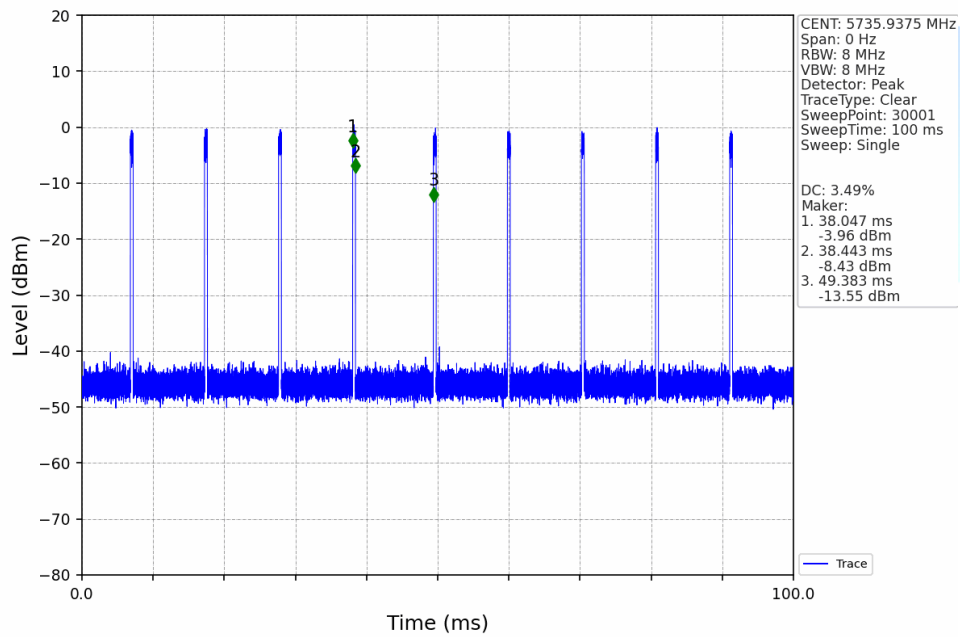
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



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	19.514	/	Pass
		5785	/	/	1	18.517	/	Pass
		5825	/	/	1	18.668	/	Pass
802.11n (HT20)	SISO	5745	/	/	1	19.811	/	Pass
		5785	/	/	1	19.683	/	Pass
		5825	/	/	1	19.687	/	Pass
802.11n (HT40)	SISO	5755	/	/	1	37.758	/	Pass
		5795	/	/	1	37.667	/	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	19.678	/	Pass
		5785	/	/	1	19.550	/	Pass
		5825	/	/	1	19.603	/	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	37.844	/	Pass
		5795	/	/	1	37.814	/	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	77.045	/	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	20.003	/	Pass
		5785	SU	/	1	20.049	/	Pass
		5825	SU	/	1	20.027	/	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	38.913	/	Pass
		5795	SU	/	1	38.774	/	Pass
802.11ax (HEW80)	SISO	5775	SU	/	1	78.545	/	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	17.632	≥ 0.5	Pass
		5785	/	/	1	16.414	≥ 0.5	Pass
		5825	/	/	1	16.372	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.650	≥ 0.5	Pass
		5785	/	/	1	17.643	≥ 0.5	Pass
		5825	/	/	1	17.651	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.389	≥ 0.5	Pass
		5795	/	/	1	36.359	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.639	≥ 0.5	Pass
		5785	/	/	1	17.639	≥ 0.5	Pass
		5825	/	/	1	17.630	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.390	≥ 0.5	Pass
		5795	/	/	1	36.349	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	76.092	≥ 0.5	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	18.975	≥ 0.5	Pass
		5785	SU	/	1	18.994	≥ 0.5	Pass
		5825	SU	/	1	18.985	≥ 0.5	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	38.030	≥ 0.5	Pass
		5795	SU	/	1	38.044	≥ 0.5	Pass
802.11ax	SISO	5775	SU	/	1	77.621	≥ 0.5	Pass

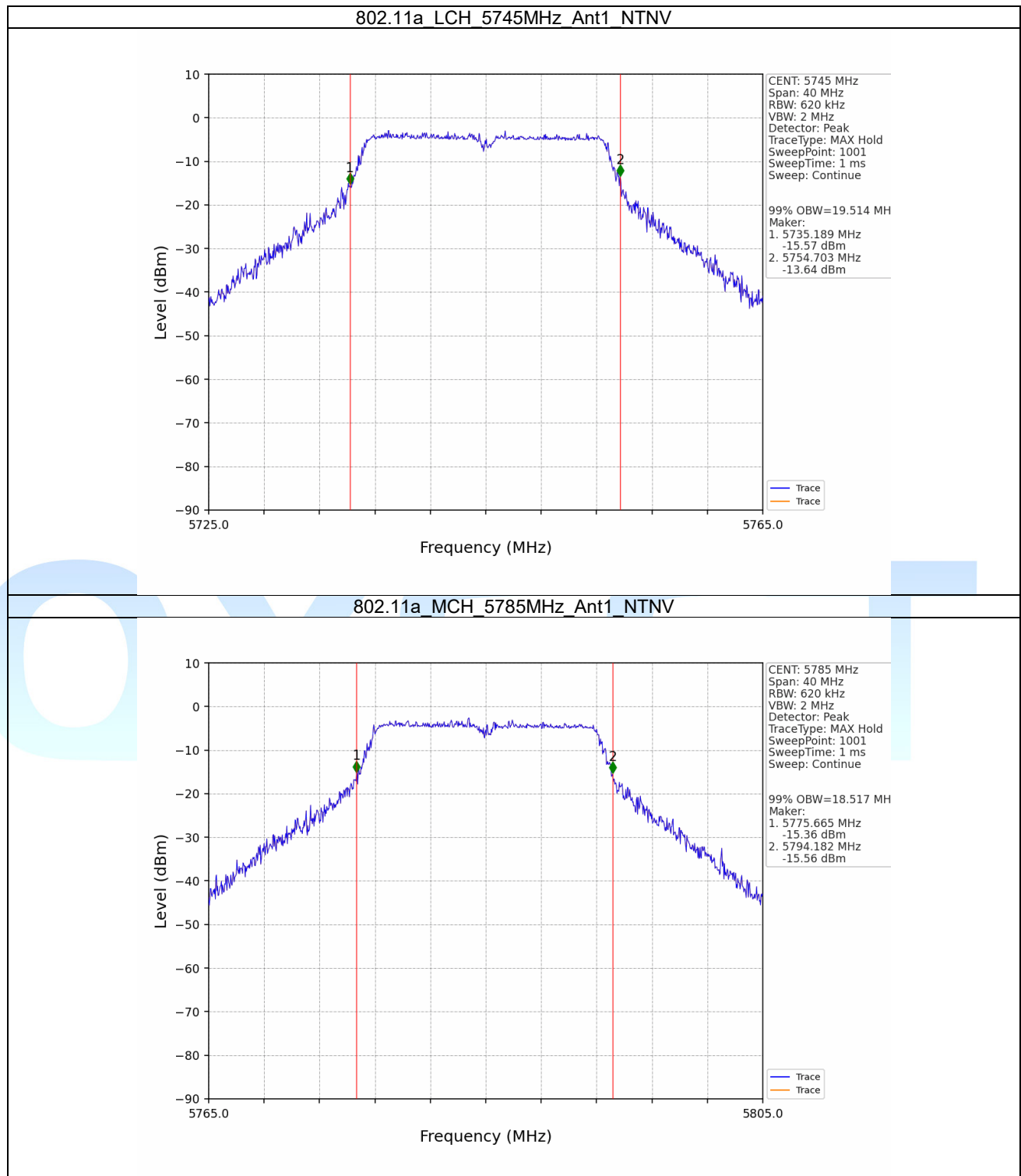


(HEW80)								
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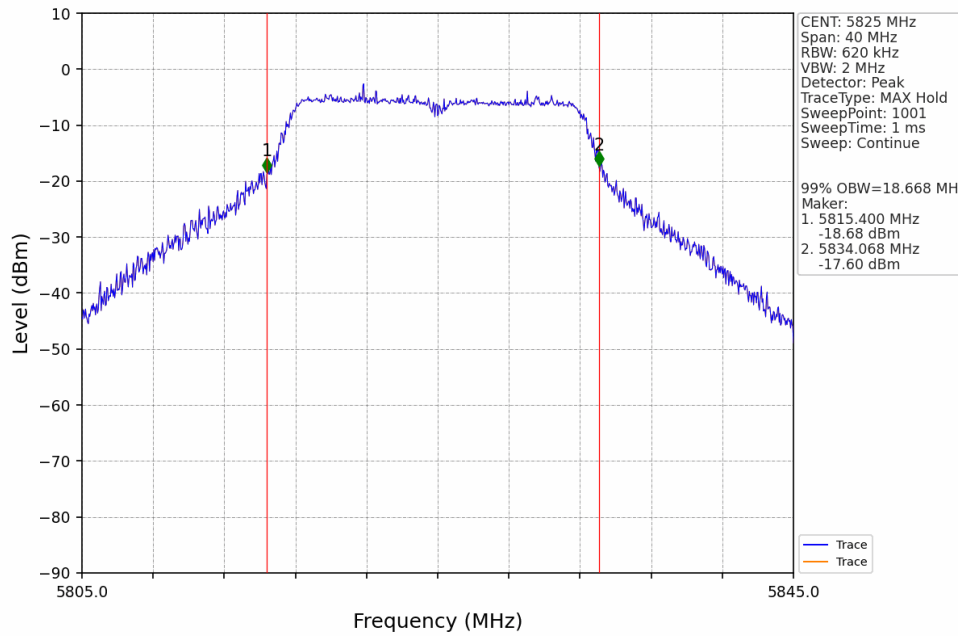


2.2 Test Graph

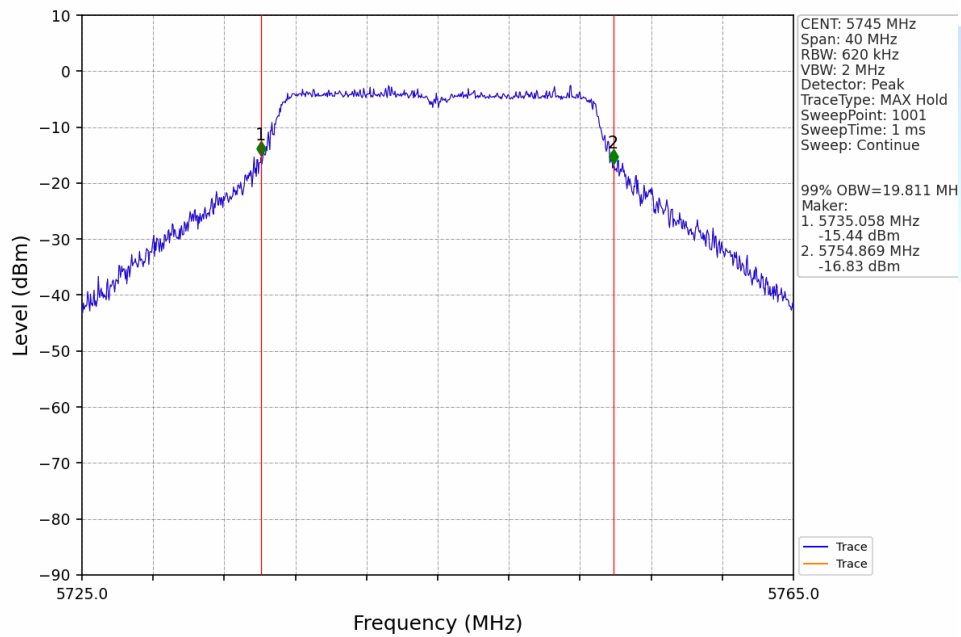
2.2.1 OBW



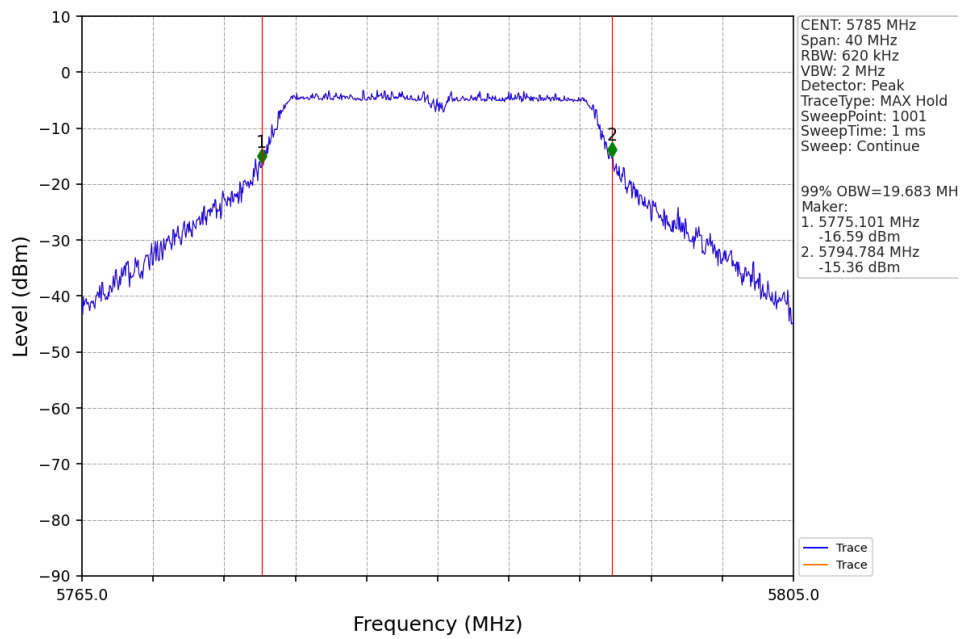
802.11a_HCH_5825MHz_Ant1_NTNV



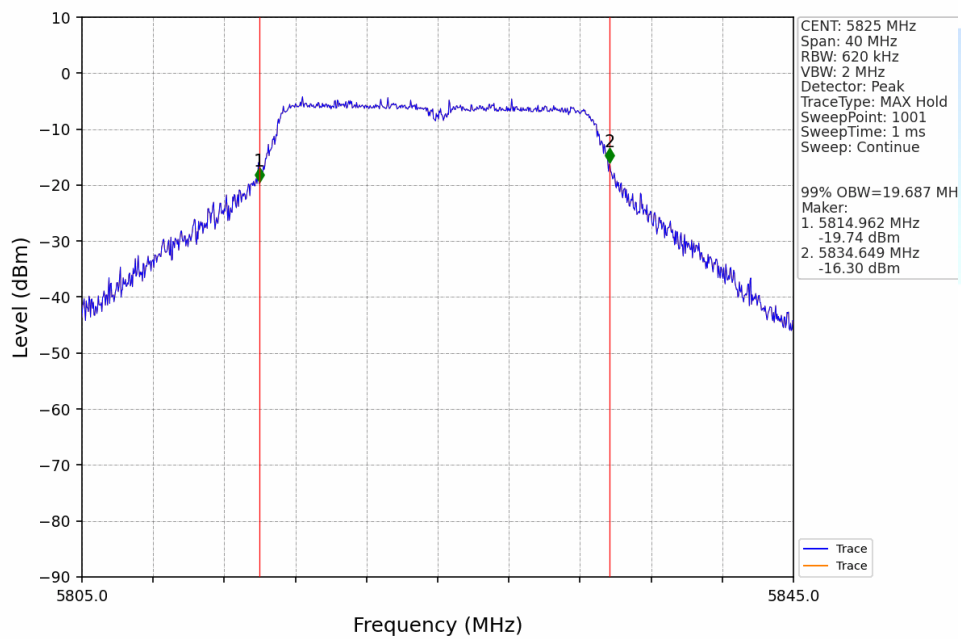
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



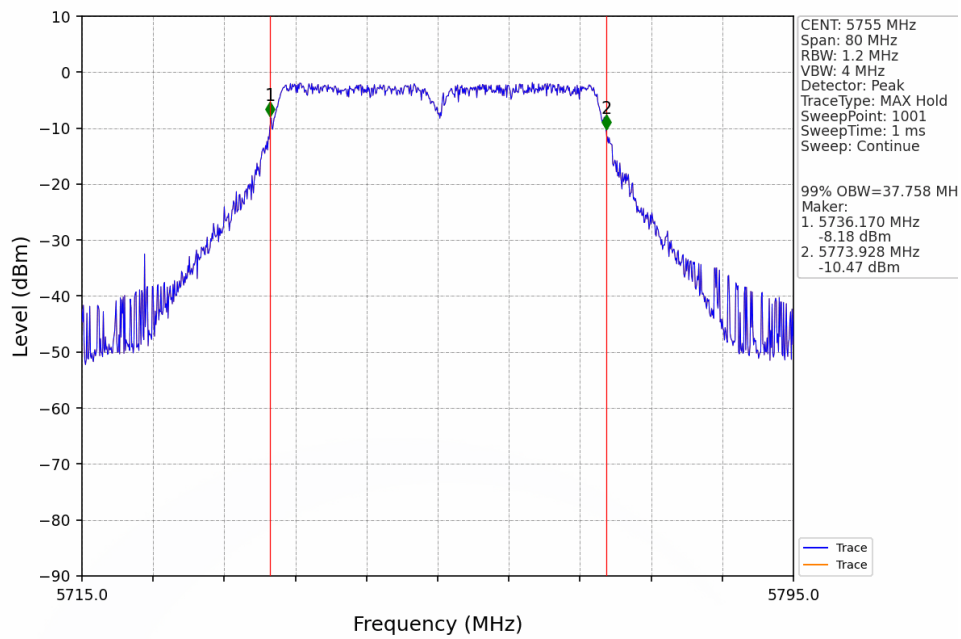
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



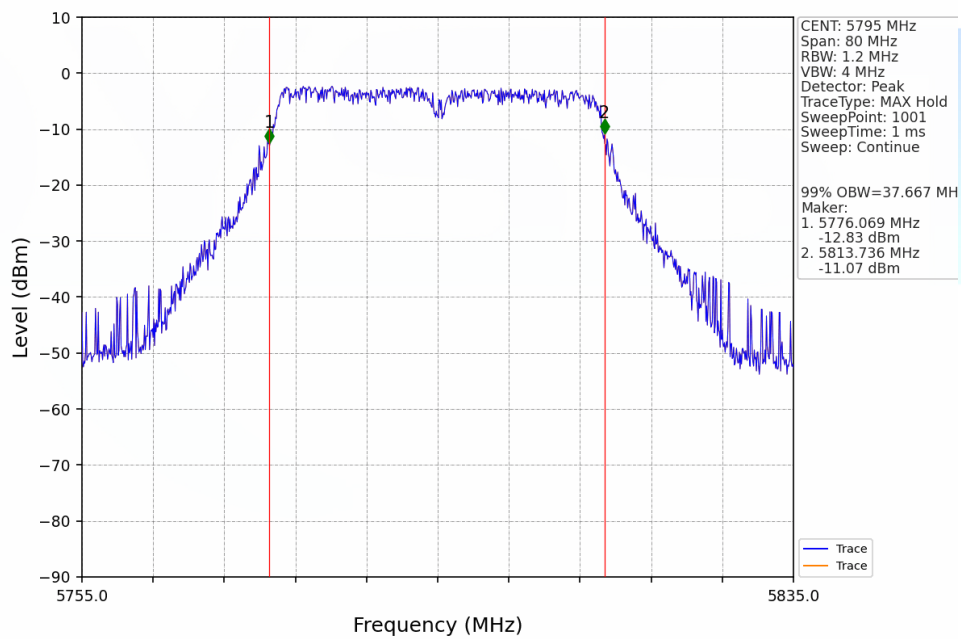
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



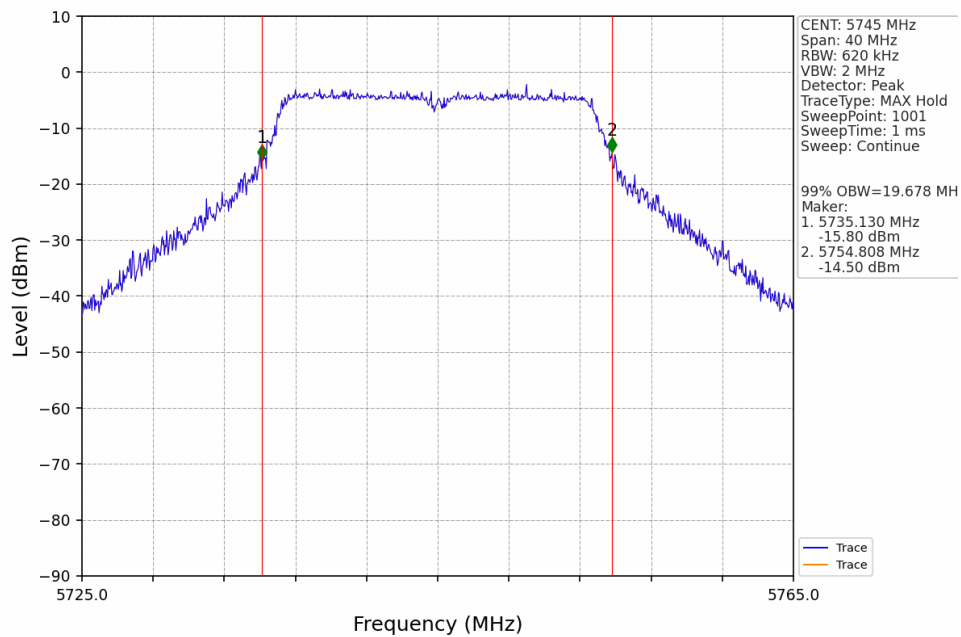
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



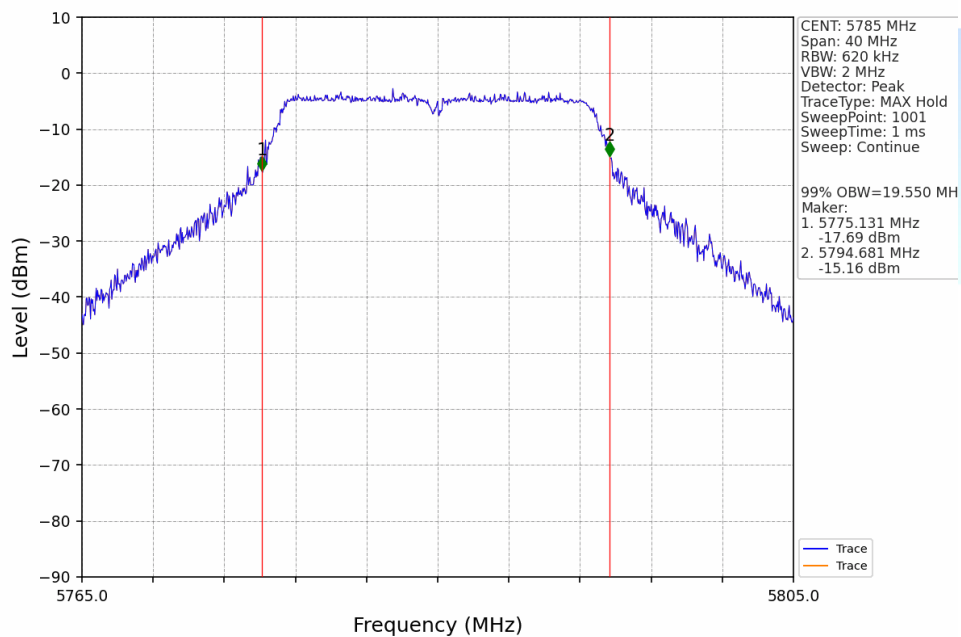
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



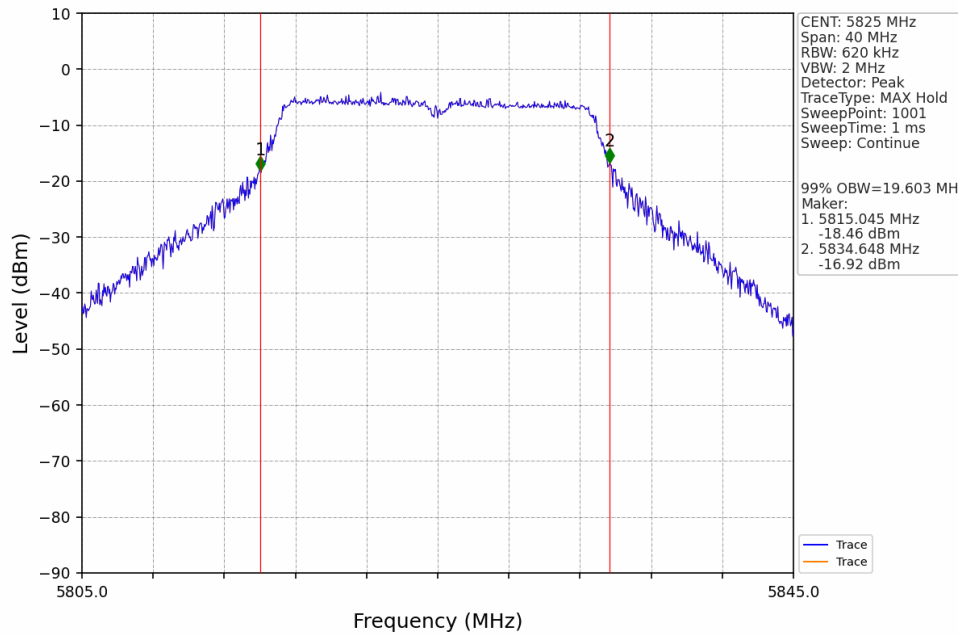
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



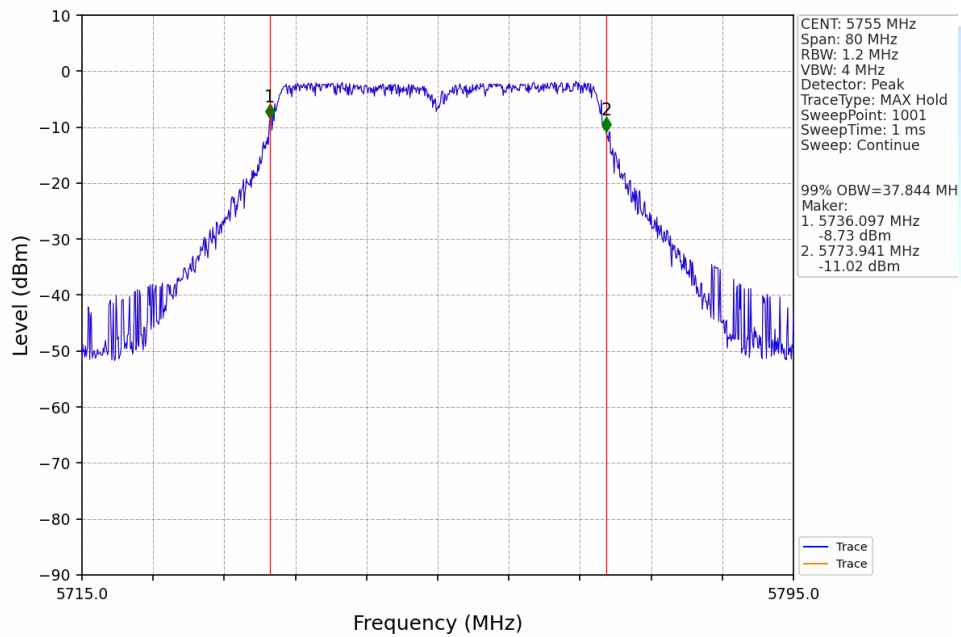
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



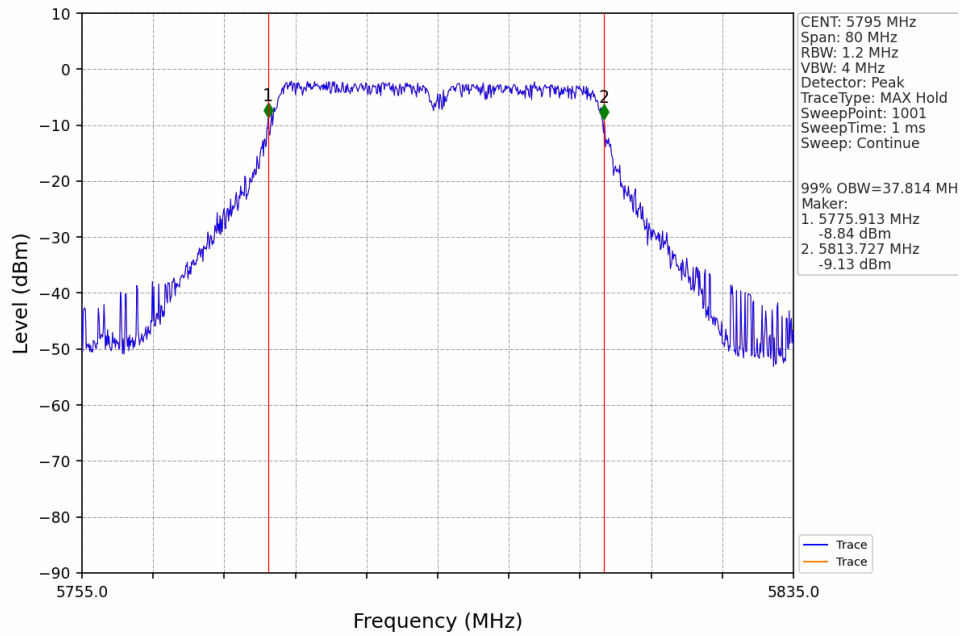
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



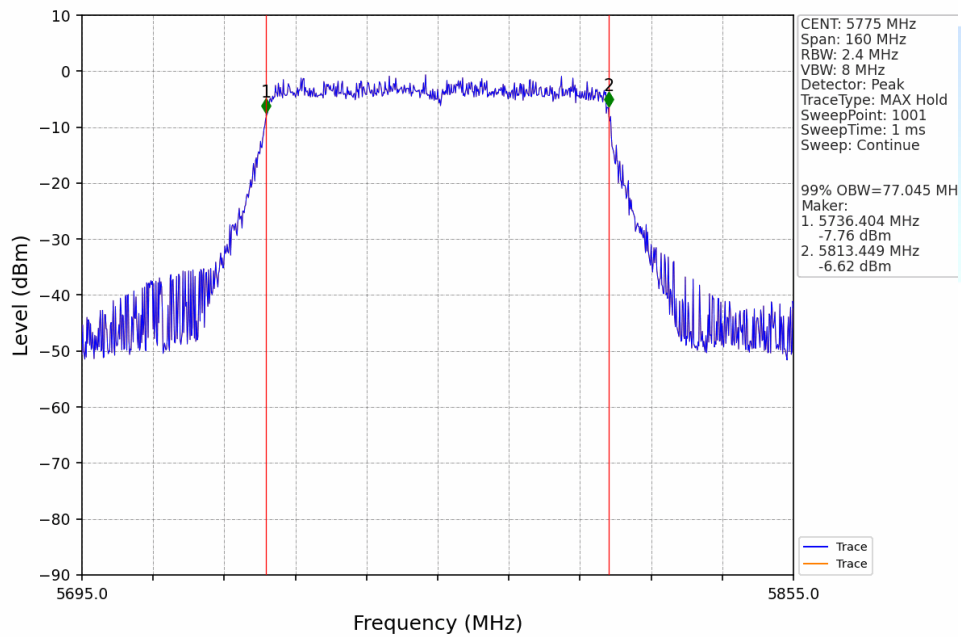
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



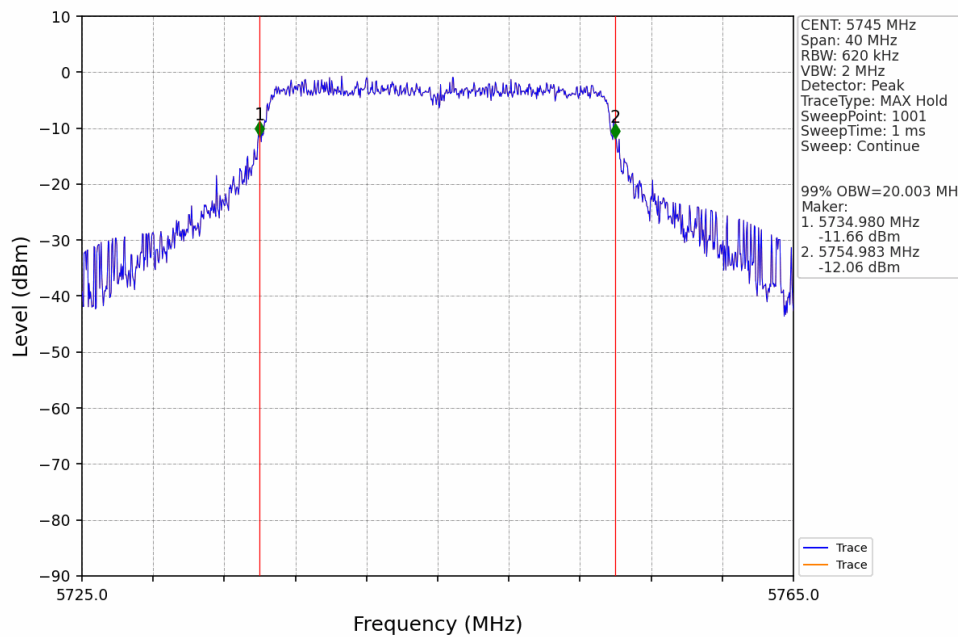
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



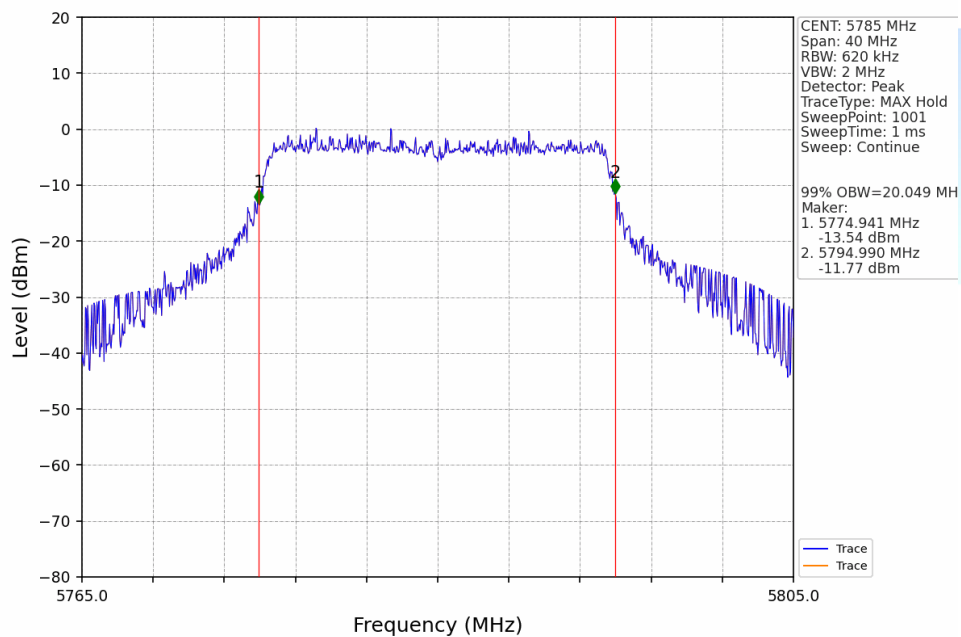
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



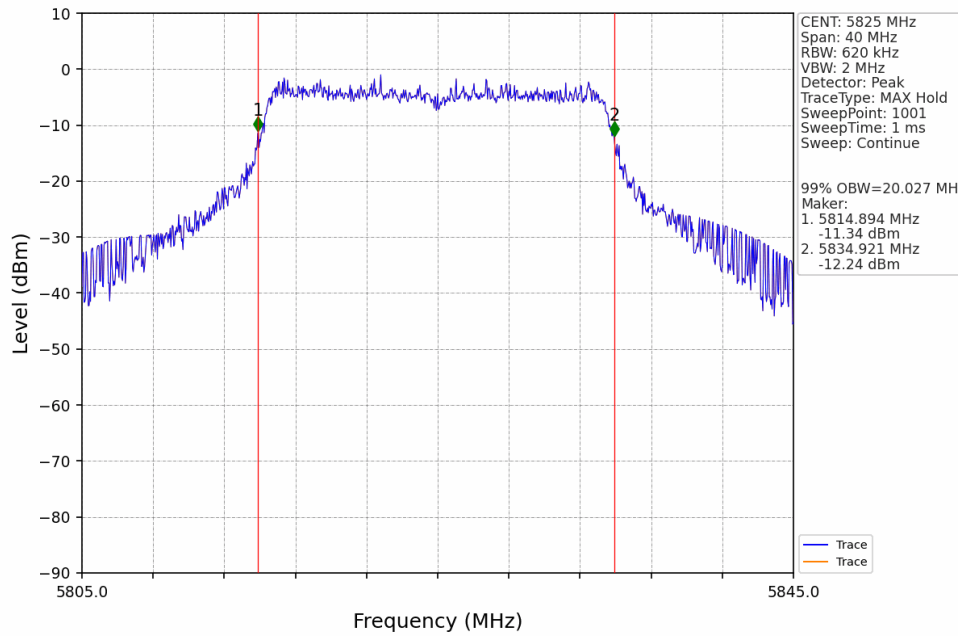
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



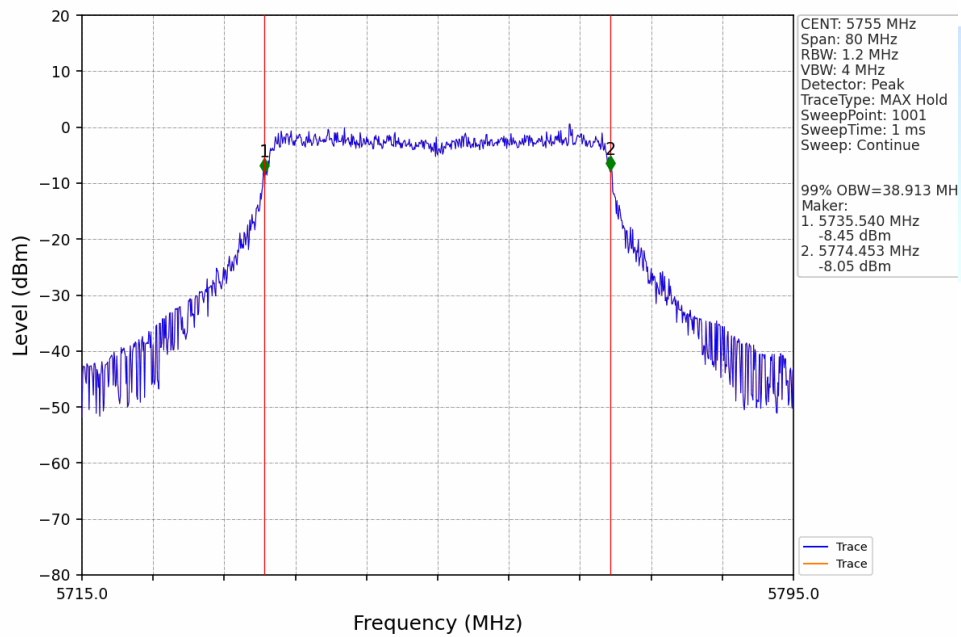
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



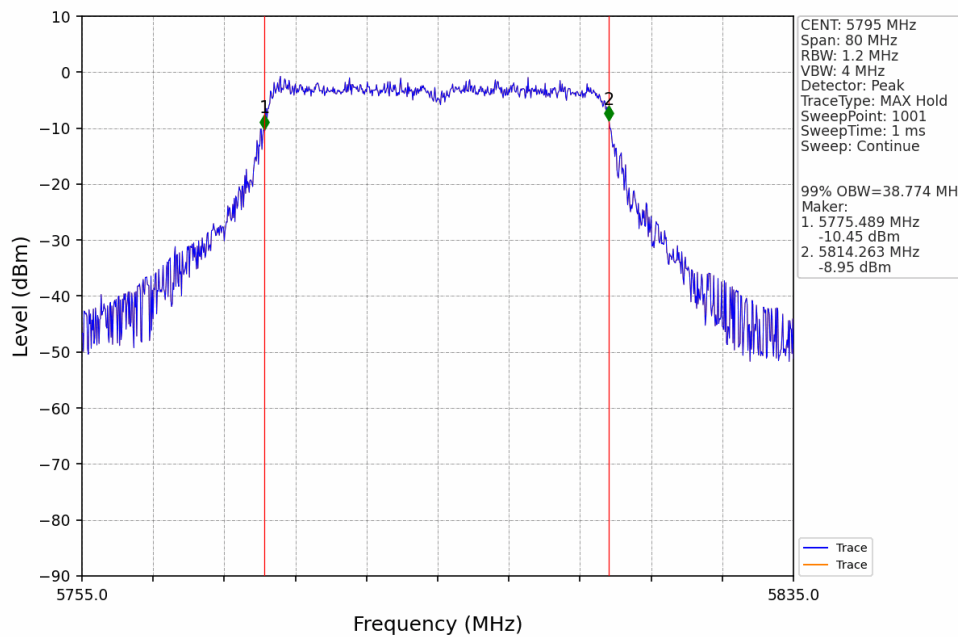
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



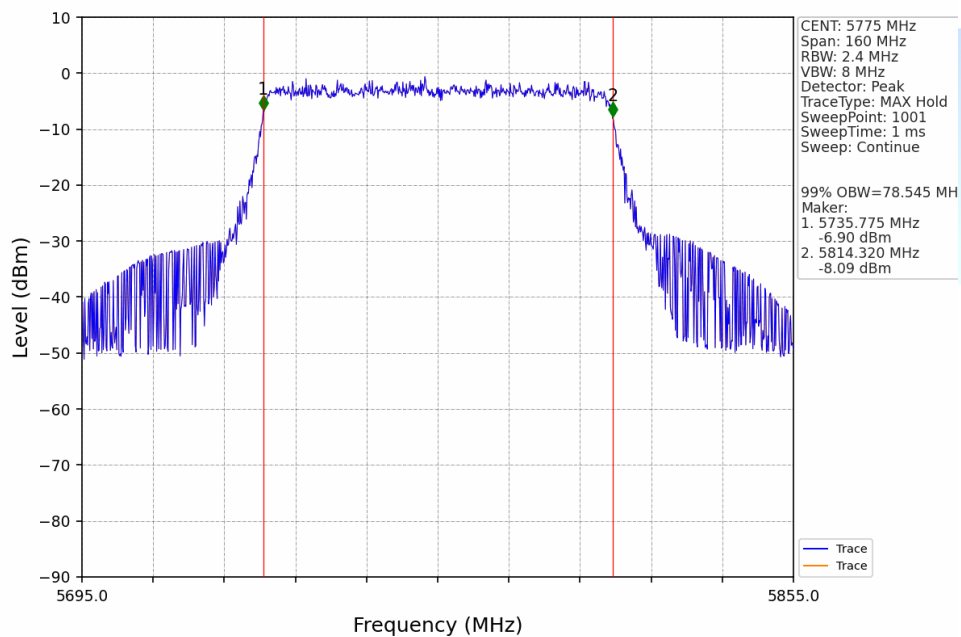
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



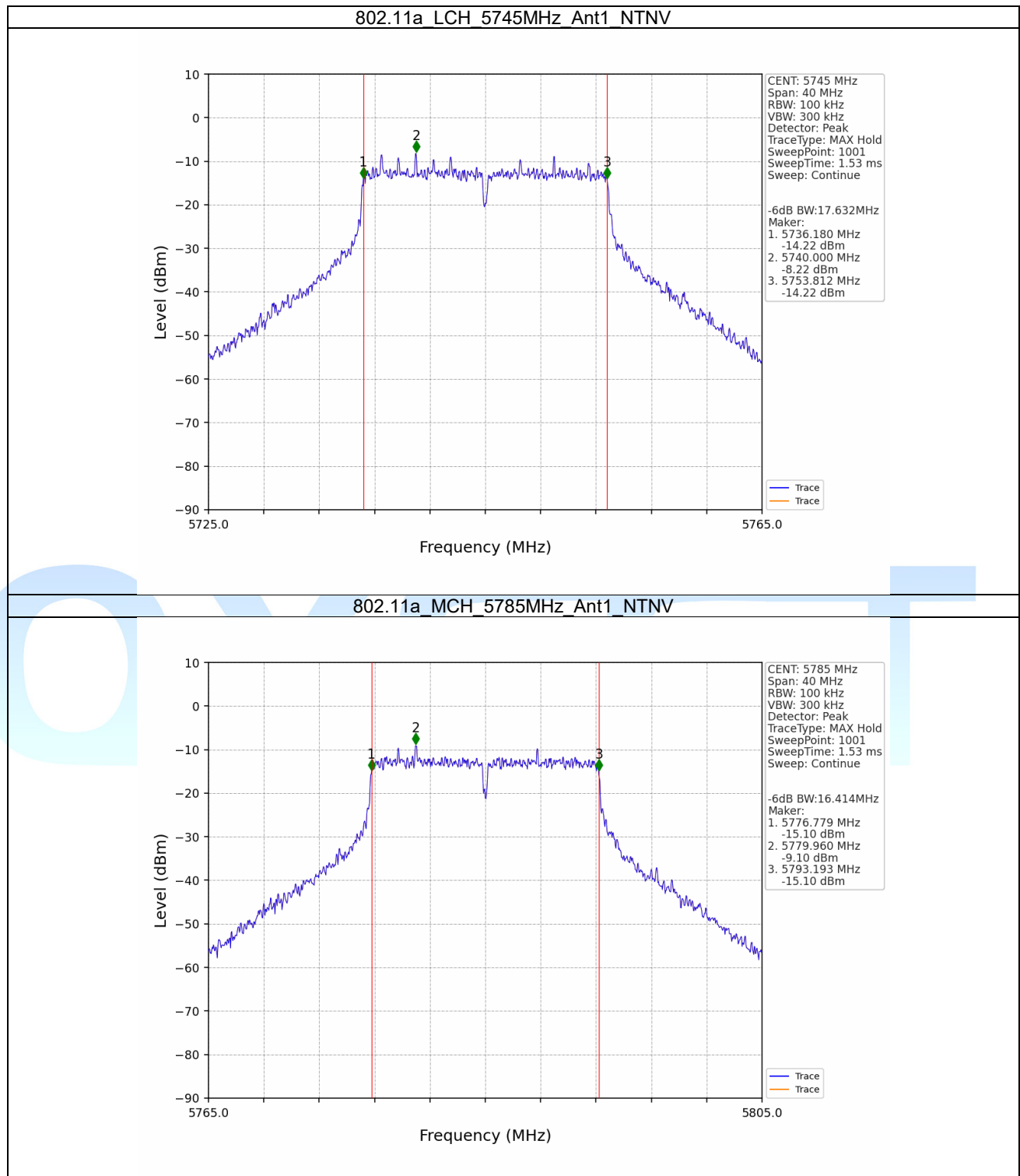
802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



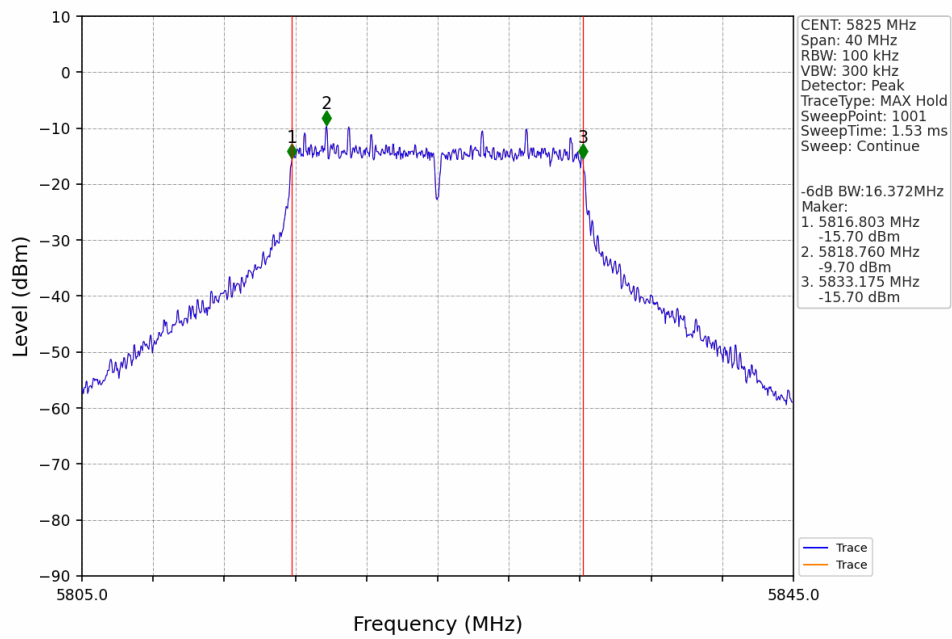
802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



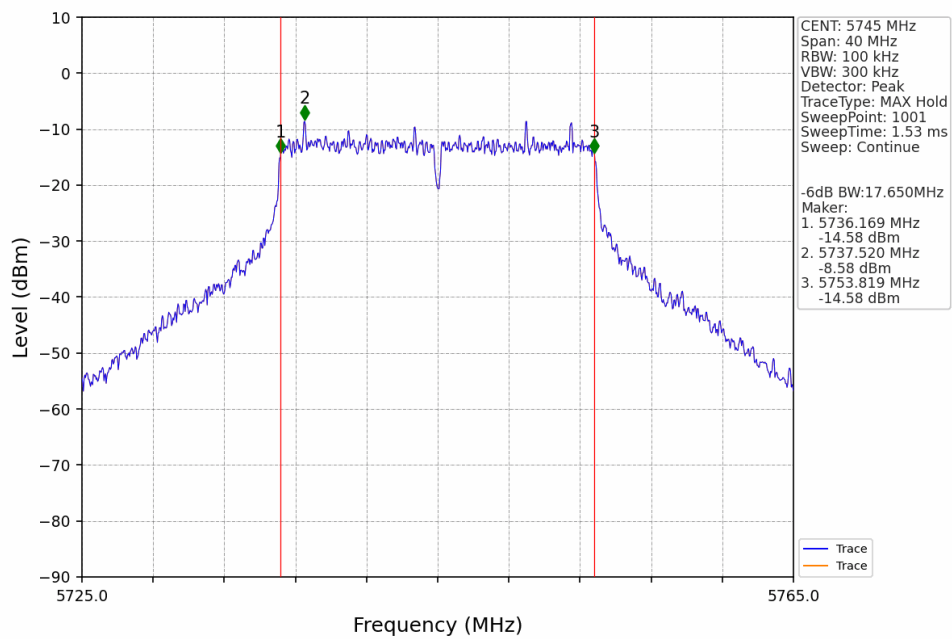
2.2.2 6dB BW



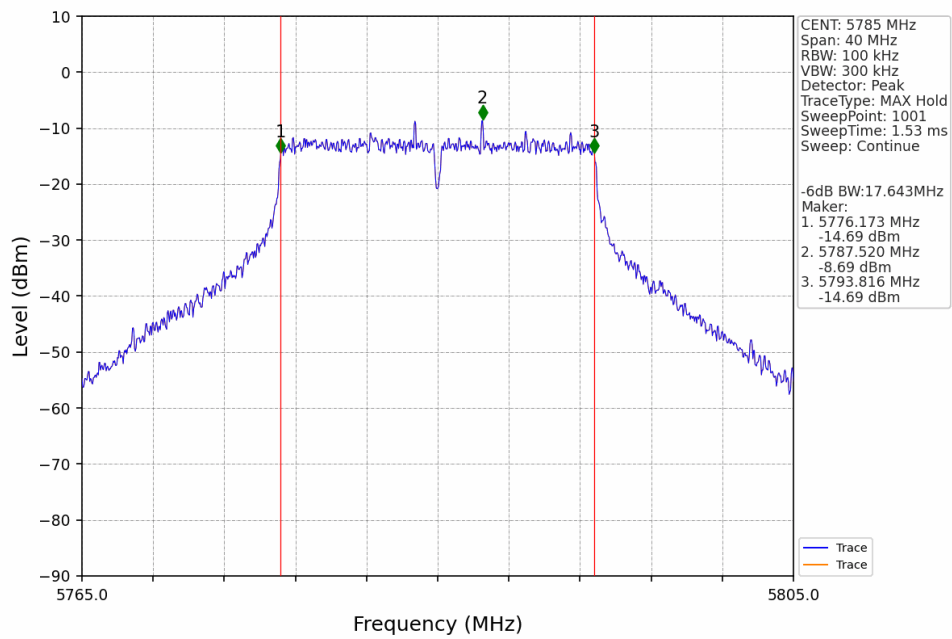
802.11a_HCH_5825MHz_Ant1_NTNV



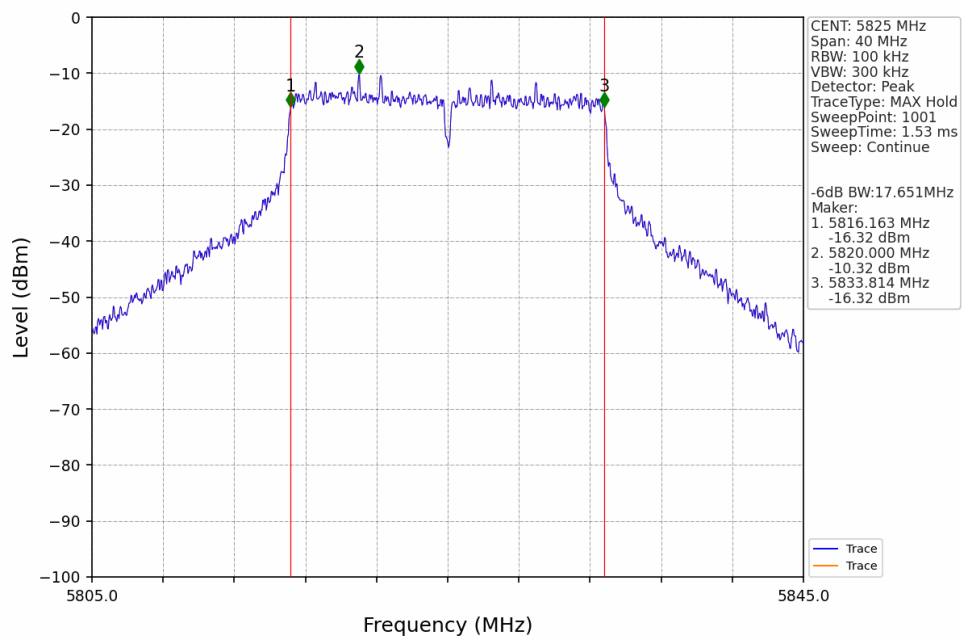
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



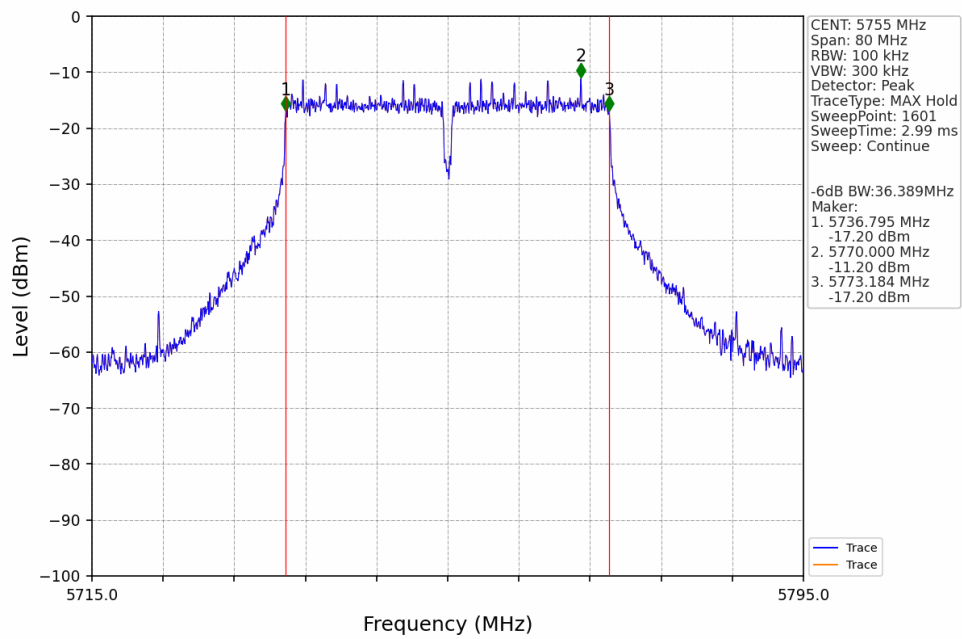
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



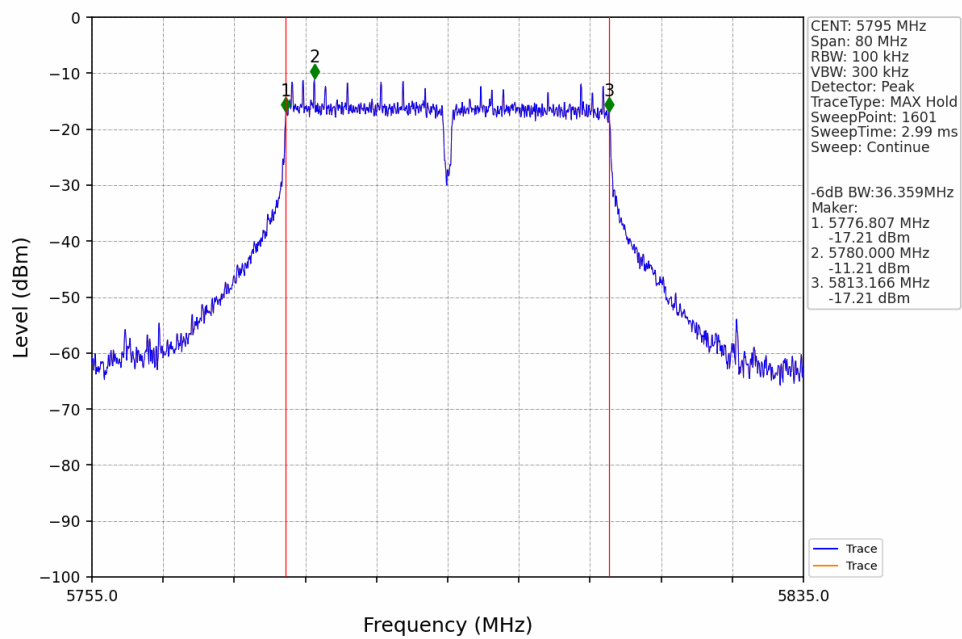
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



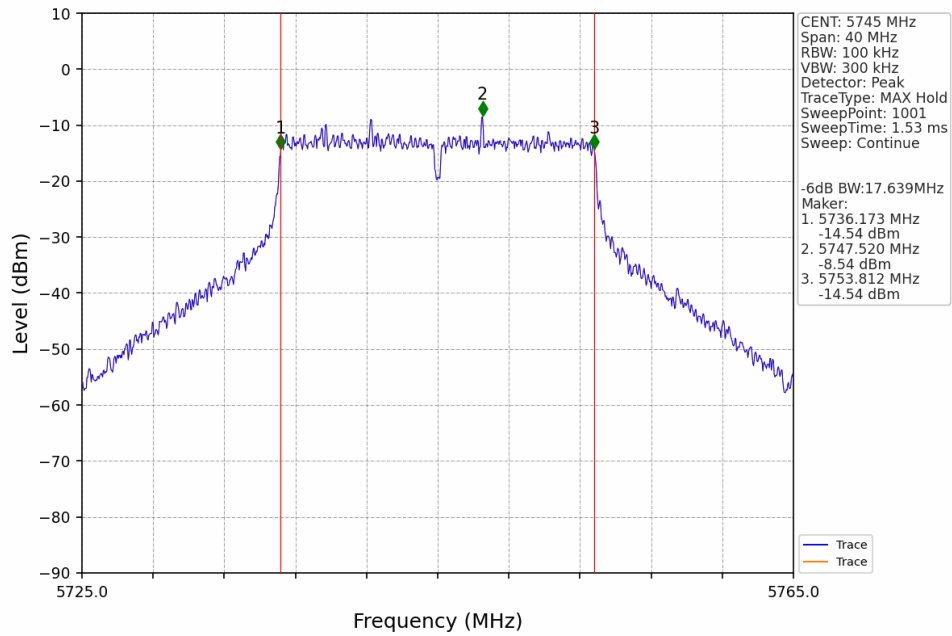
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



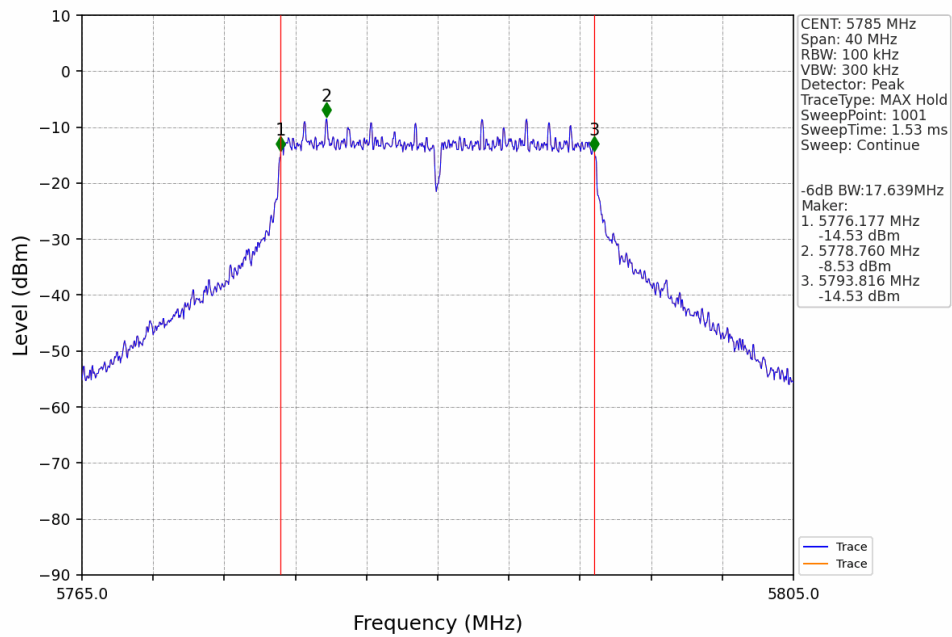
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



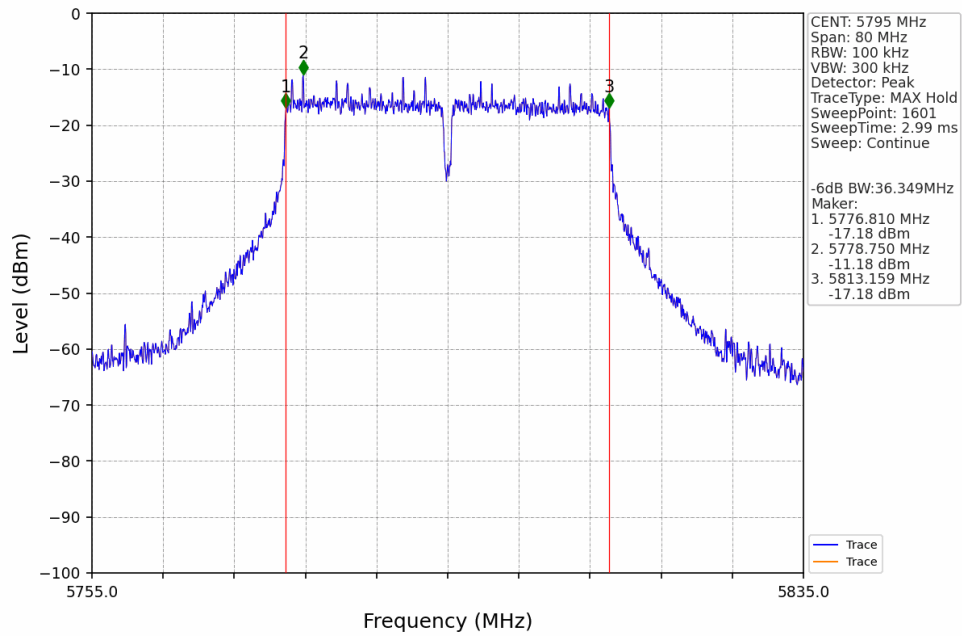
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



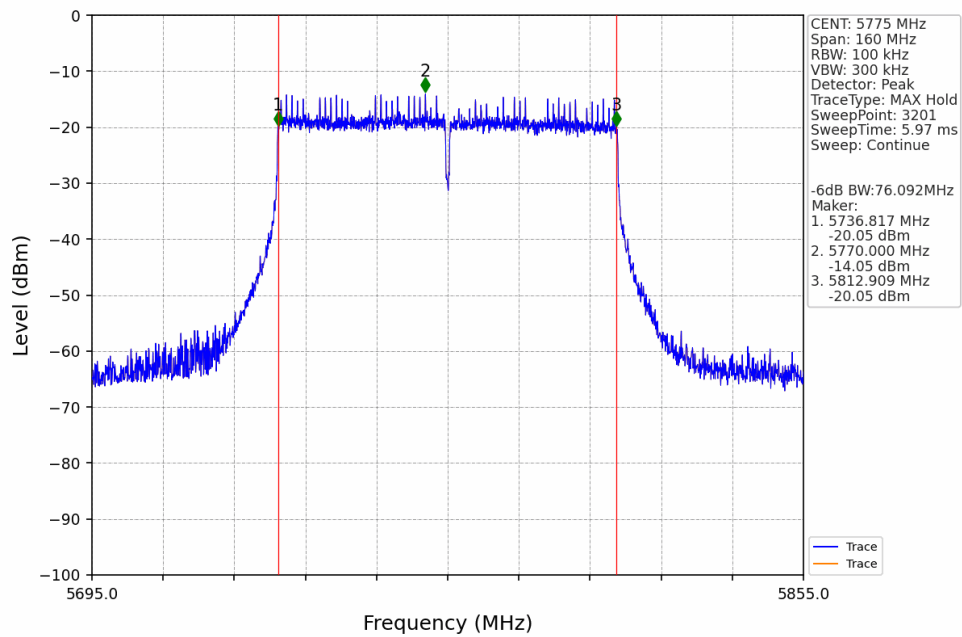
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



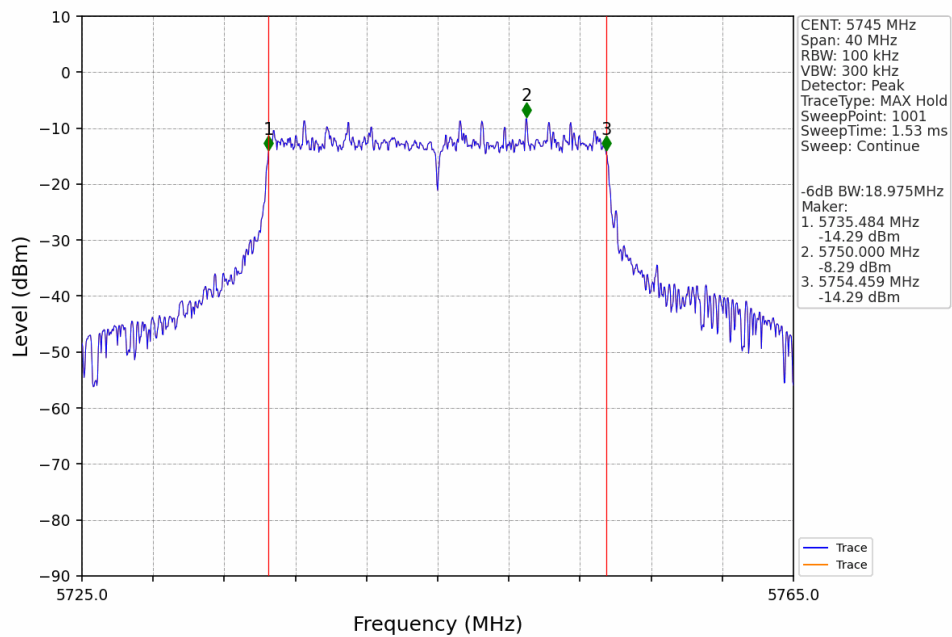
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



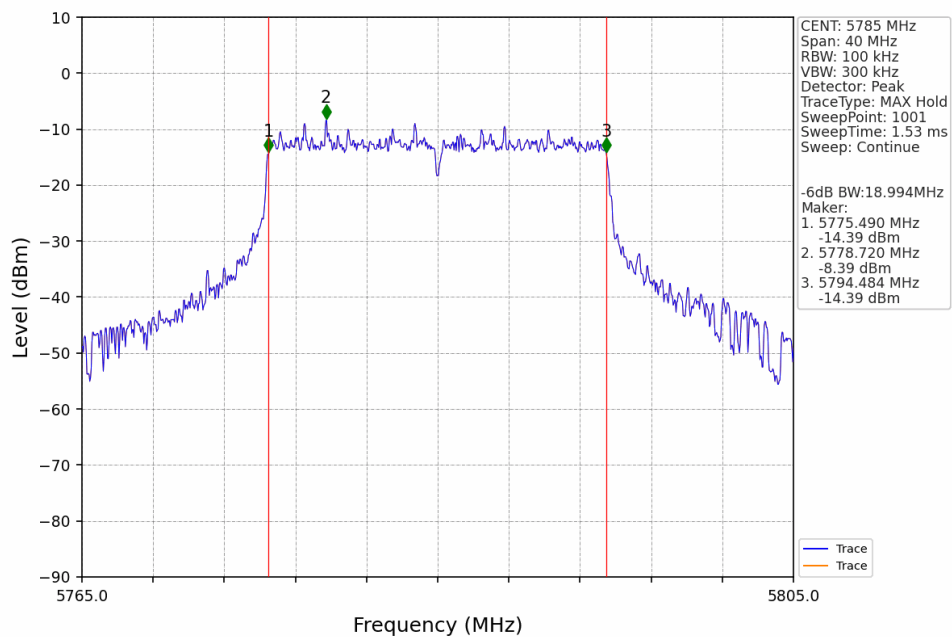
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



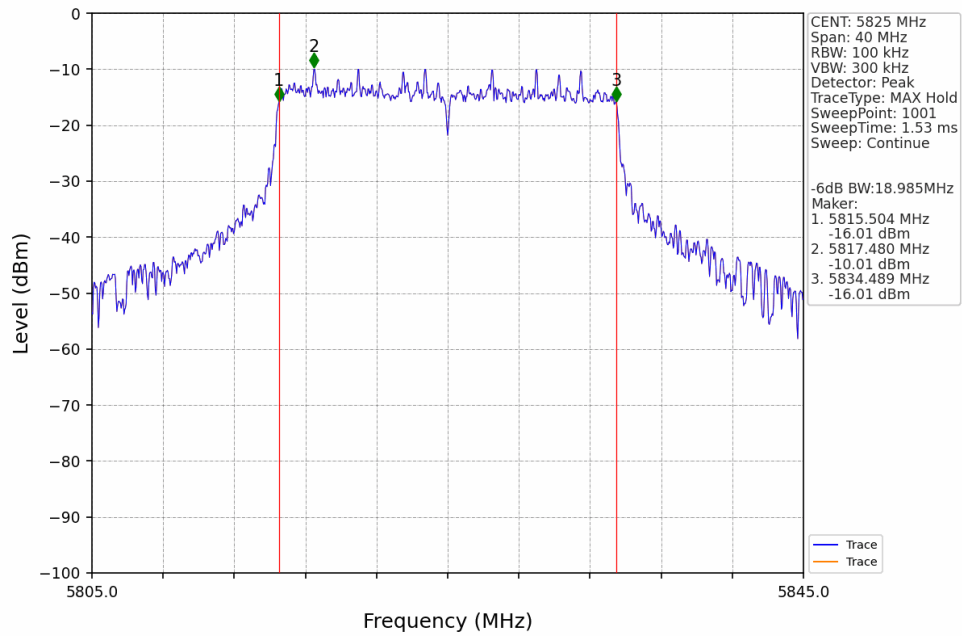
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



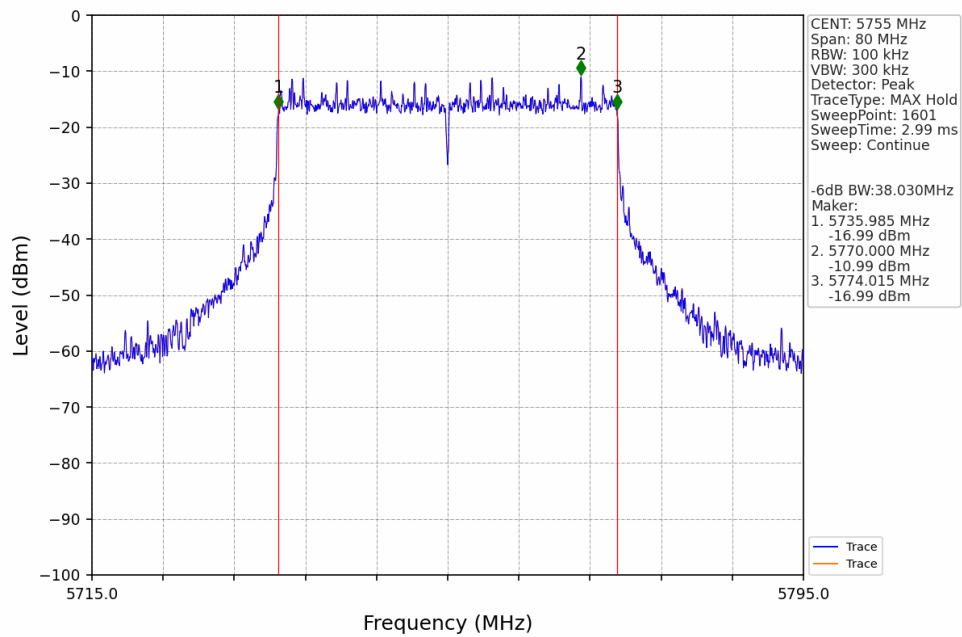
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



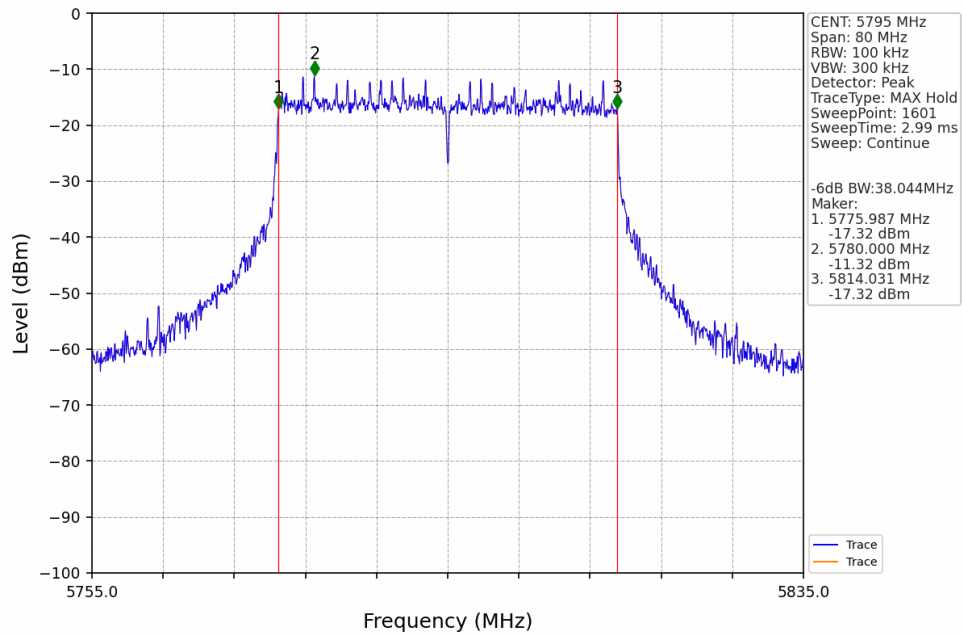
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



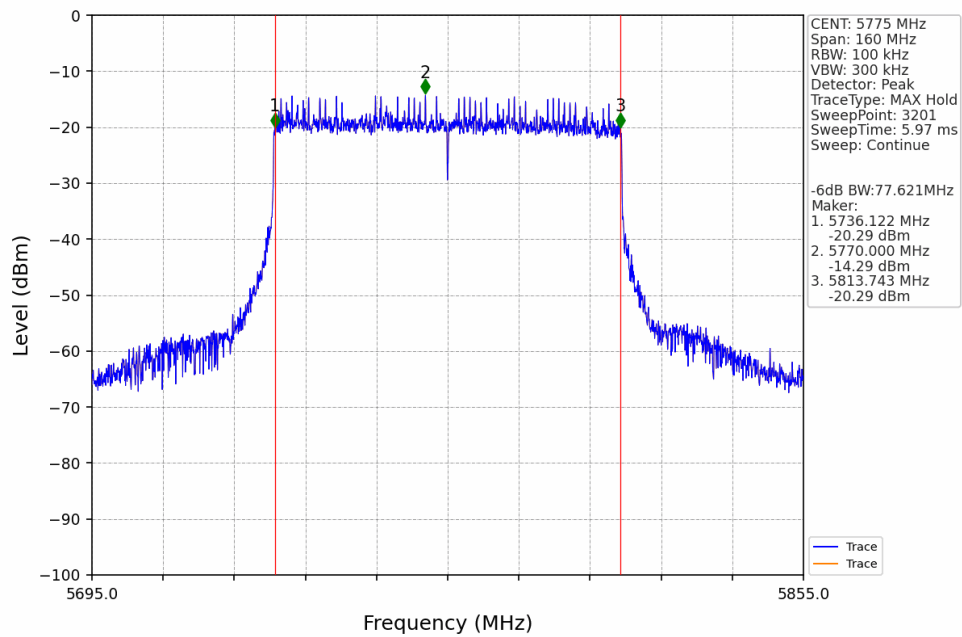
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



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	/	/	3.53	<=30	Pass
		5785	/	/	3.11	<=30	Pass
		5825	/	/	2.52	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	3.59	<=30	Pass
		5785	/	/	2.45	<=30	Pass
		5825	/	/	0.76	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	2.81	<=30	Pass
		5795	/	/	2.46	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	4.27	<=30	Pass
		5785	/	/	2.10	<=30	Pass
		5825	/	/	0.23	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	4.12	<=30	Pass
		5795	/	/	1.41	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	2.92	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	4.11	<=30	Pass
		5785	SU	/	2.22	<=30	Pass
		5825	SU	/	0.90	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	2.94	<=30	Pass
		5795	SU	/	3.60	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	4.30	<=30	Pass
Note1: Antenna Gain: Ant1: 2.58dBi;							

4. Maximum Power Spectral Density

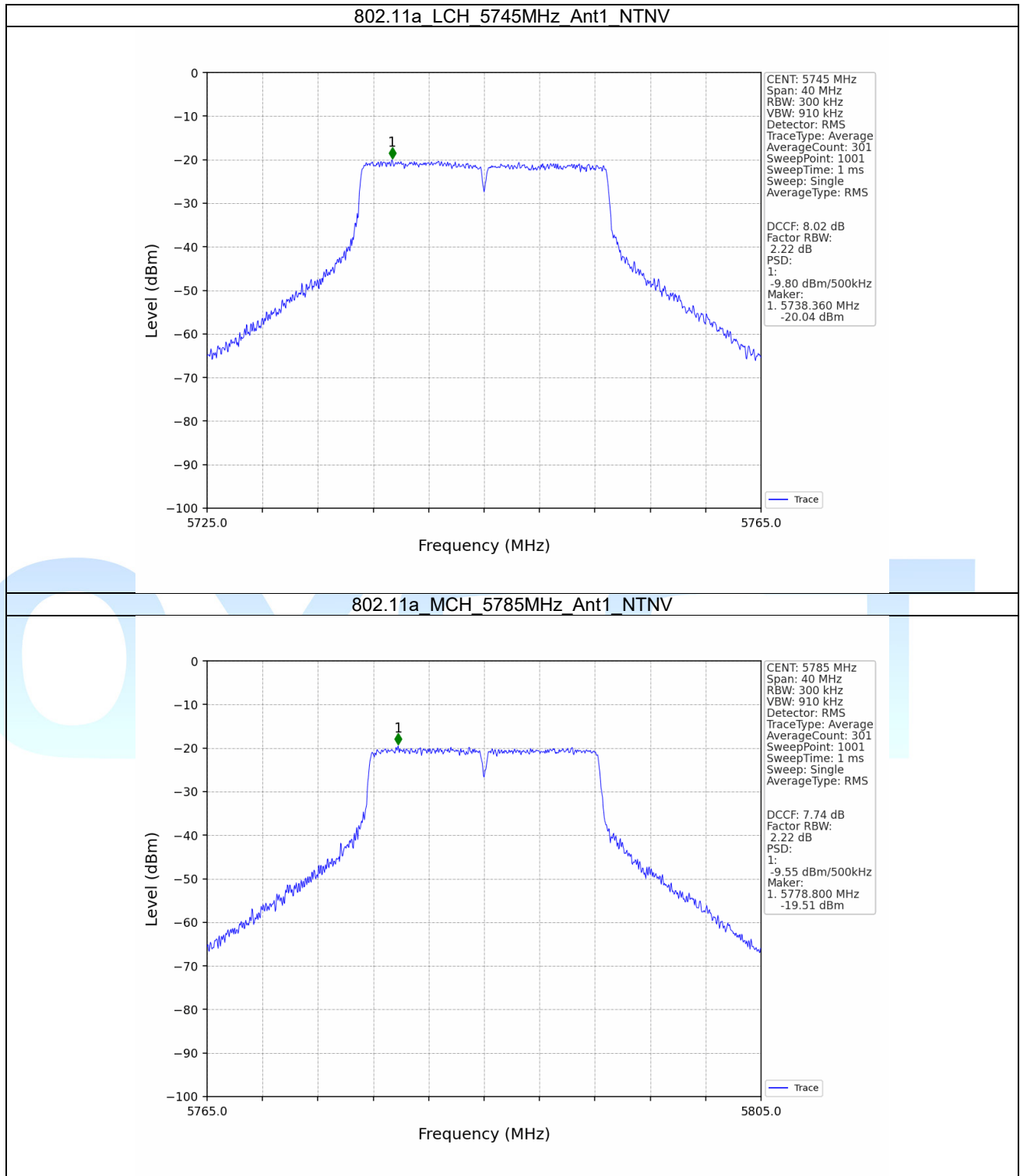
4.1 Test Result

4.1.1 PSD-Band3

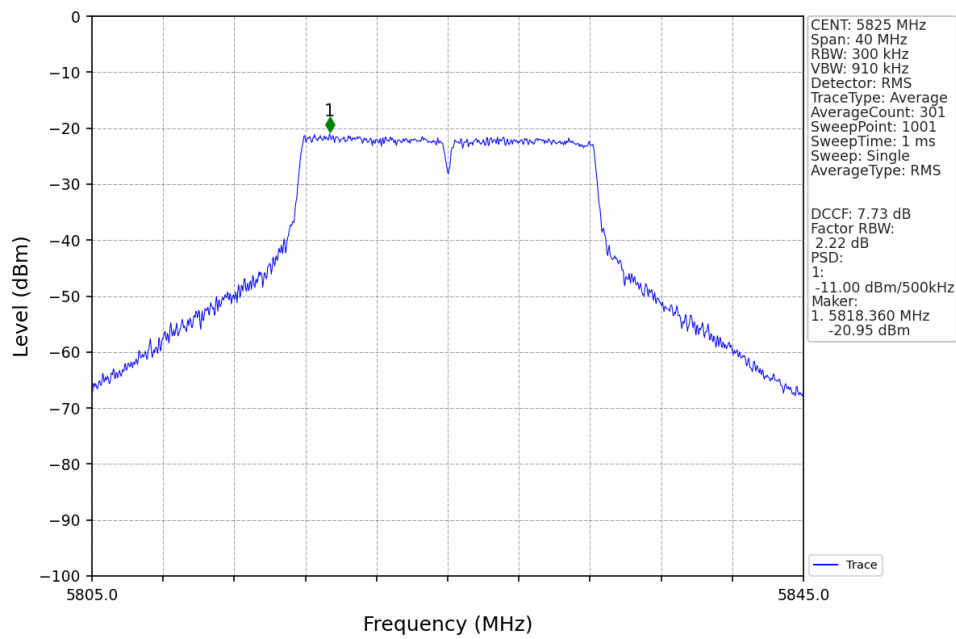
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-9.80	<=30	Pass
		5785	/	/	-9.55	<=30	Pass
		5825	/	/	-11.00	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-10.15	<=30	Pass
		5785	/	/	-11.74	<=30	Pass
		5825	/	/	-11.43	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-13.71	<=30	Pass
		5795	/	/	-14.72	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-10.24	<=30	Pass
		5785	/	/	-10.46	<=30	Pass
		5825	/	/	-12.16	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-13.48	<=30	Pass
		5795	/	/	-13.24	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-15.16	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-10.52	<=30	Pass
		5785	SU	/	-10.80	<=30	Pass
		5825	SU	/	-10.74	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-12.96	<=30	Pass
		5795	SU	/	-14.27	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-15.28	<=30	Pass
Note1: Antenna Gain: Ant1: 2.58dBi; Note2: Test result contains DCCF and RBW Factor(=10*log(500kHz/300kHz)=2.22)							

4.2 Test Graph

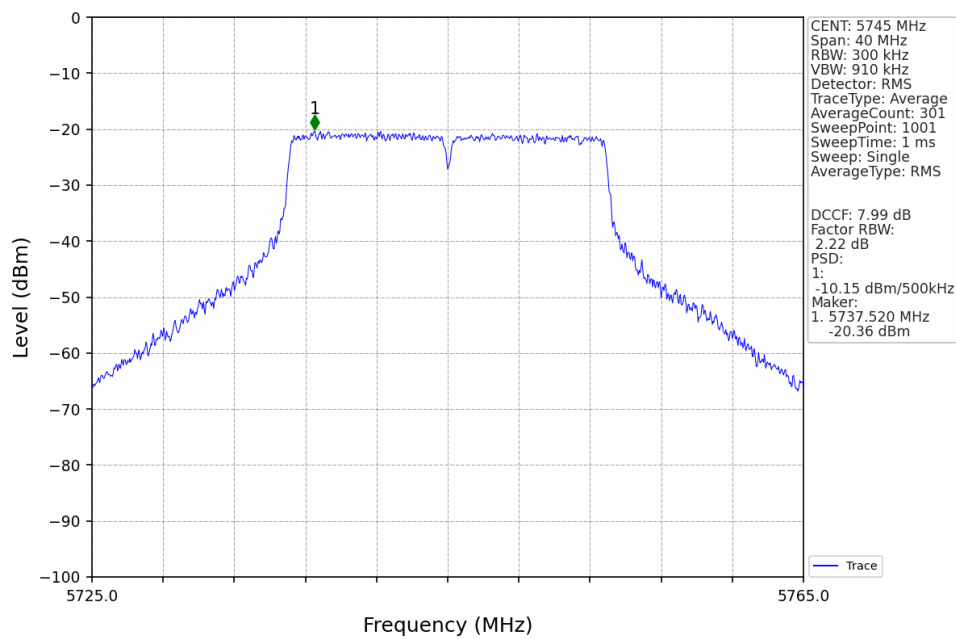
4.2.1 PSD-Band3



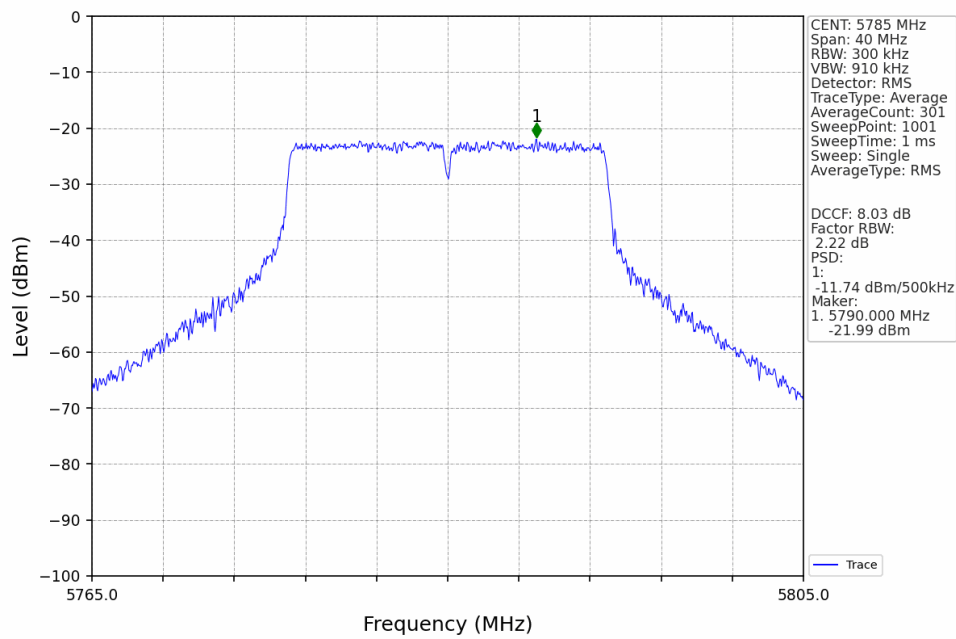
802.11a_HCH_5825MHz_Ant1_NTNV



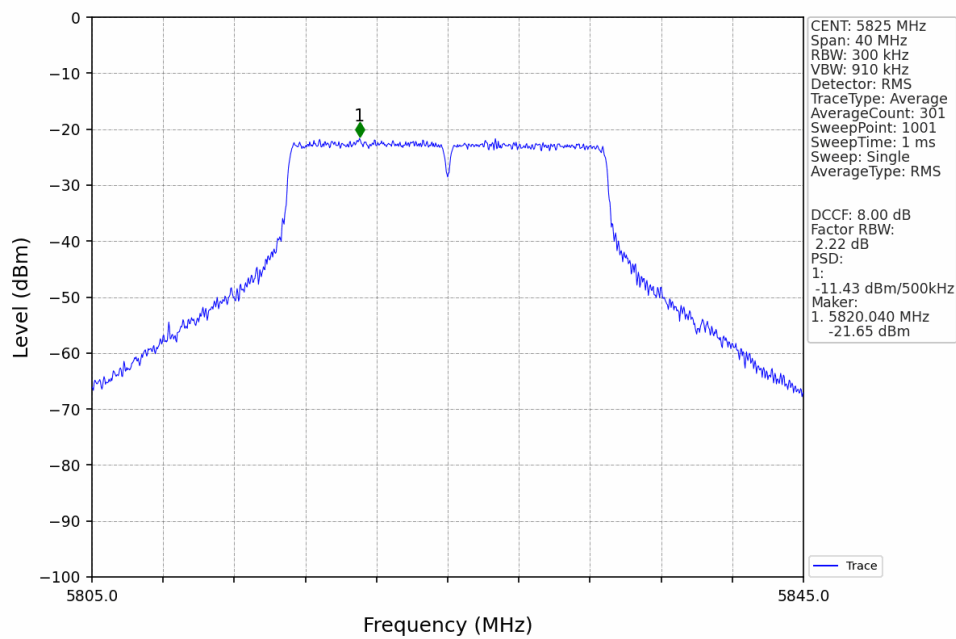
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



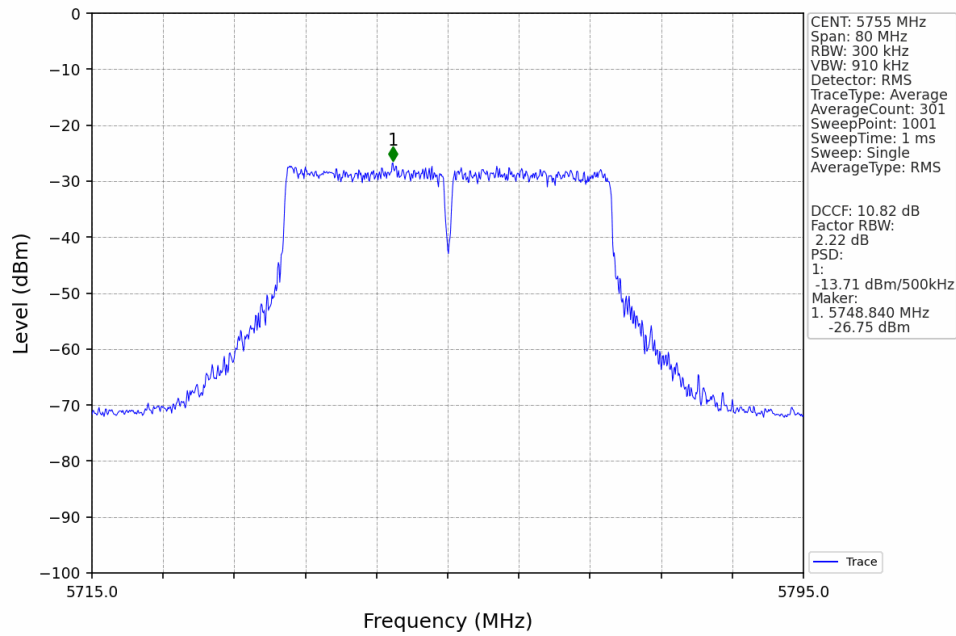
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



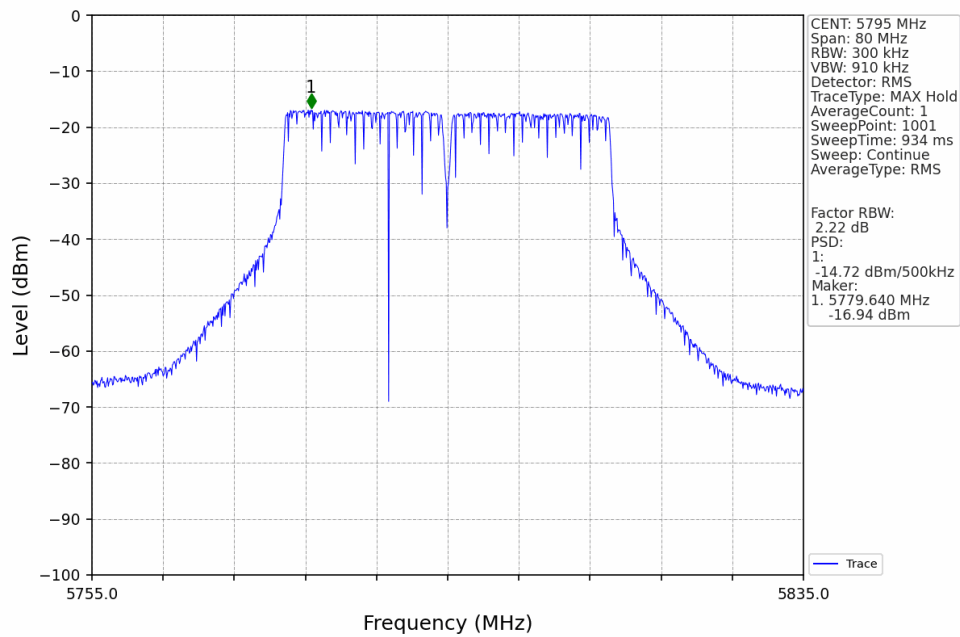
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



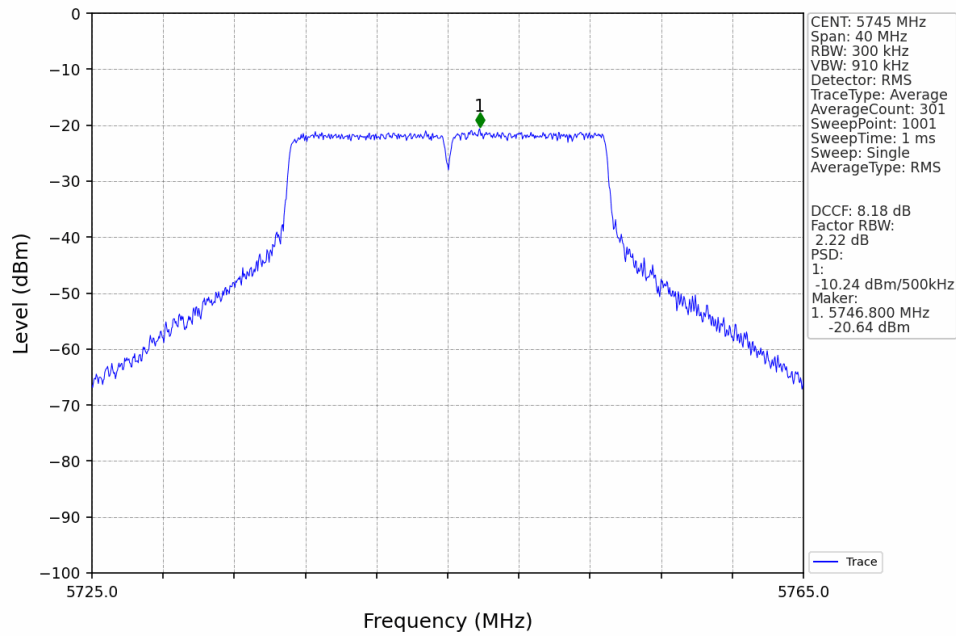
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



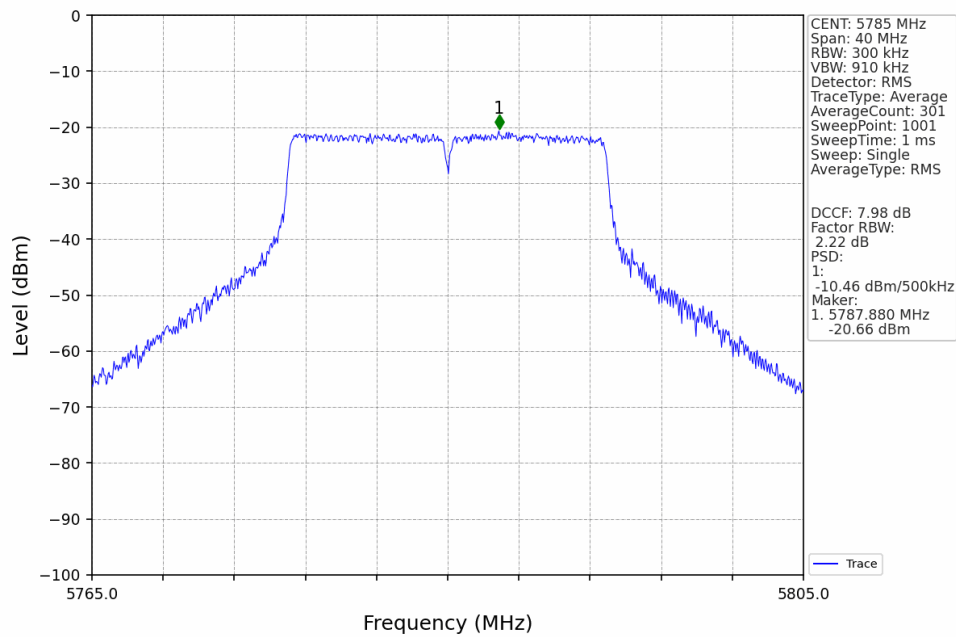
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



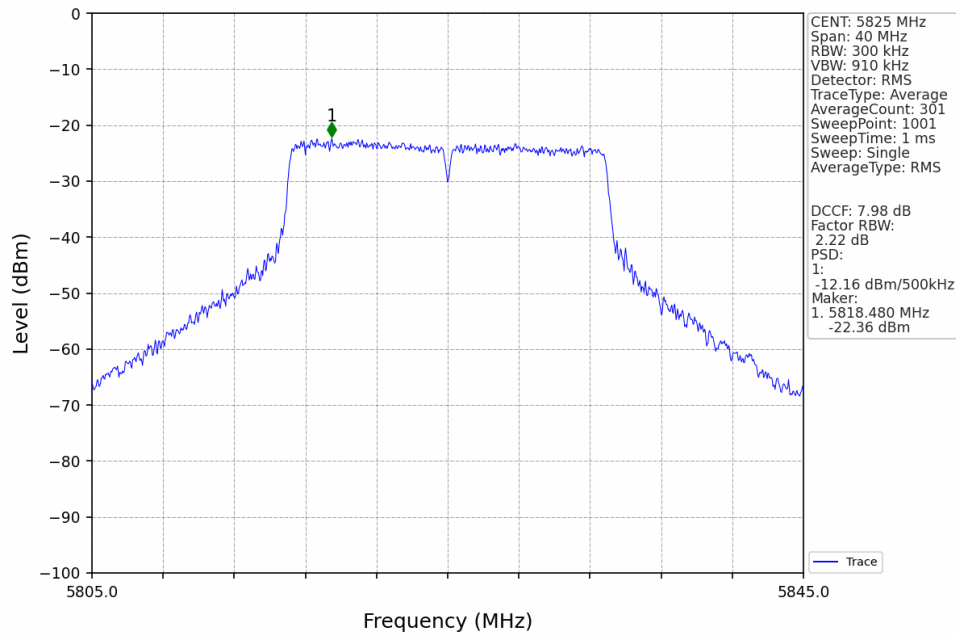
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



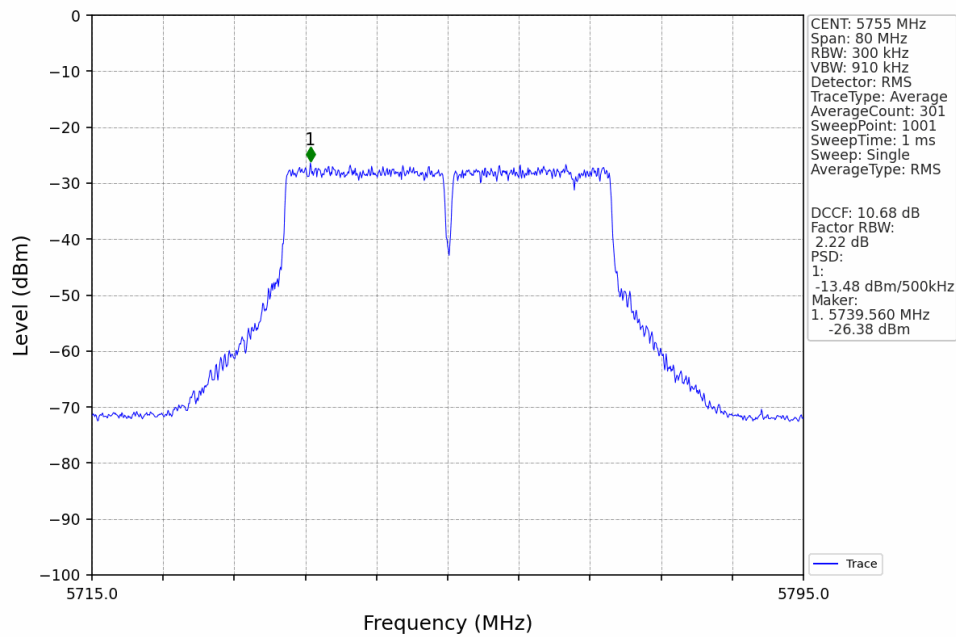
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



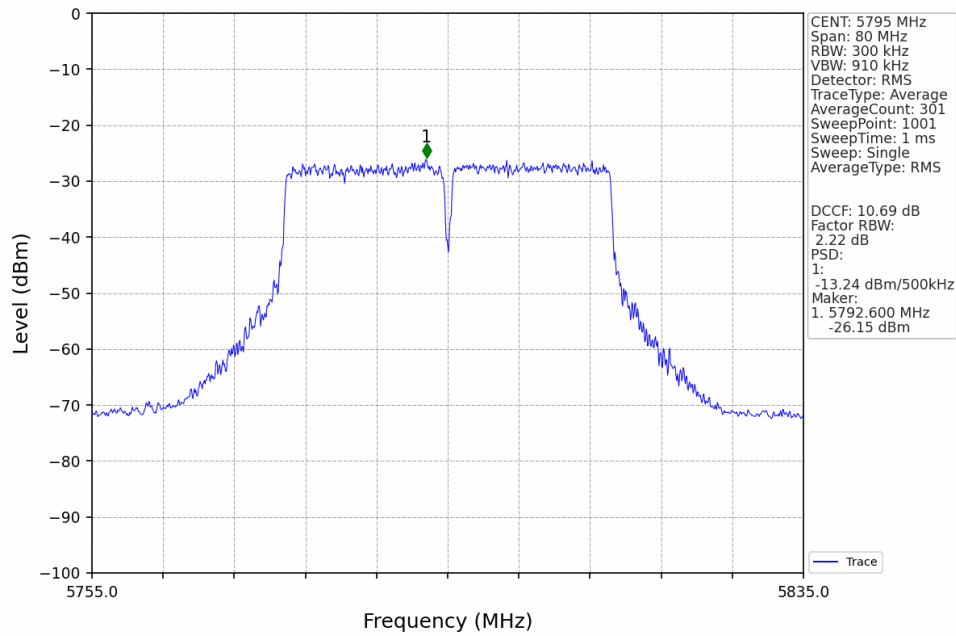
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



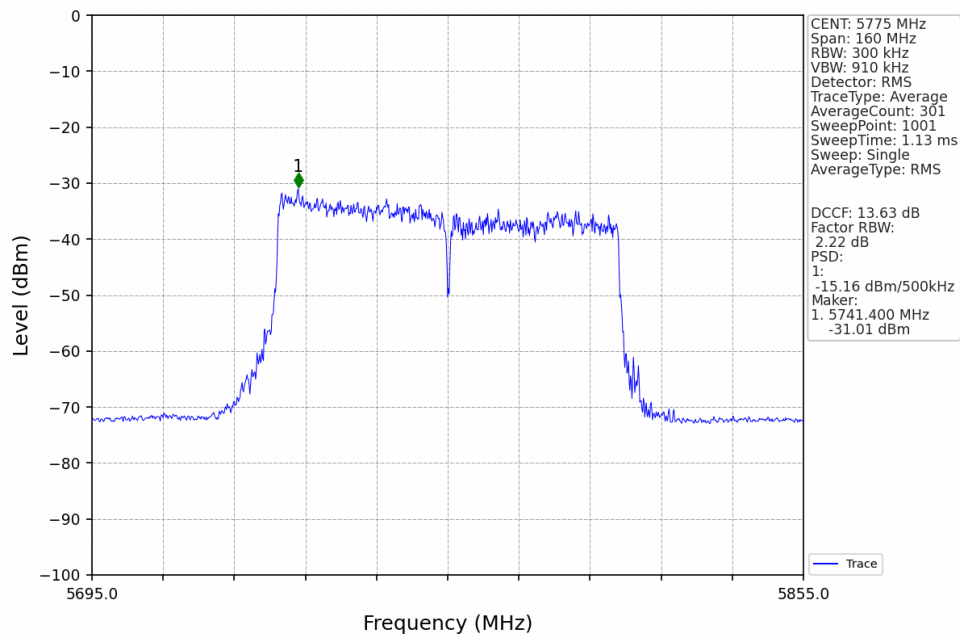
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



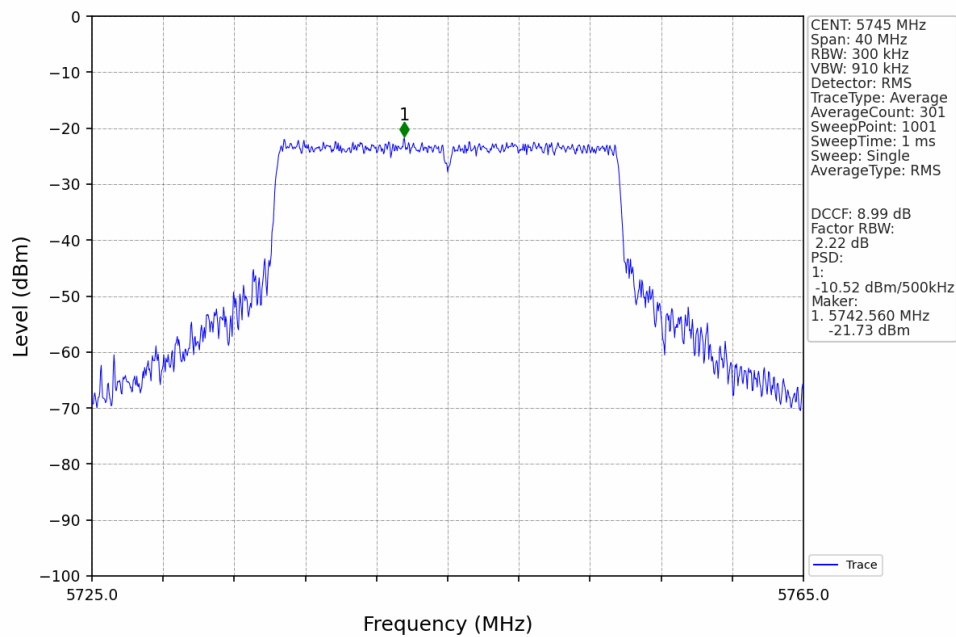
802.11ac(VHT40) HCH 5795MHz_Ant1_NTNV



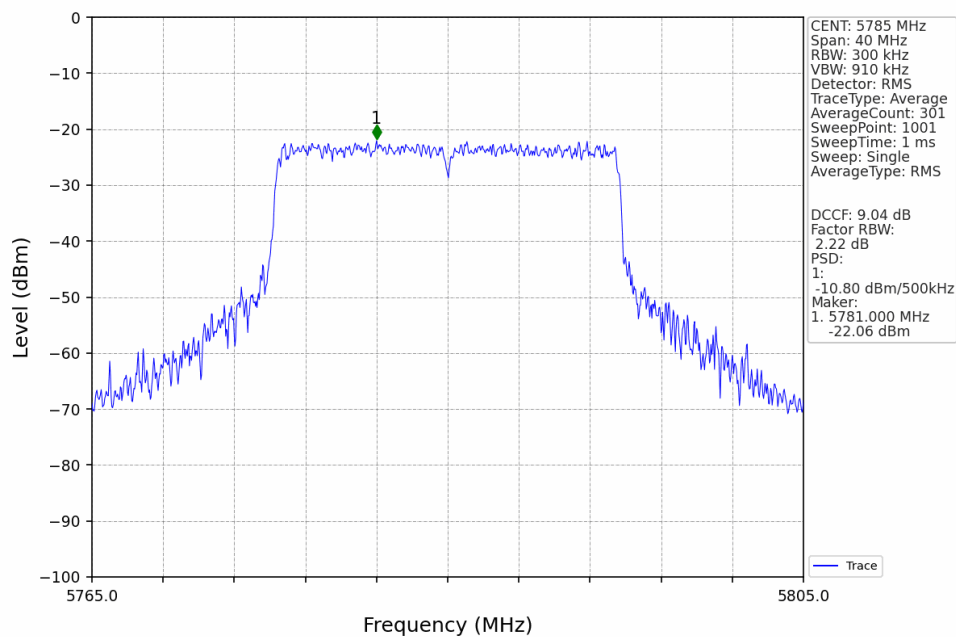
802.11ac(VHT80) MCH 5775MHz_Ant1_NTNV



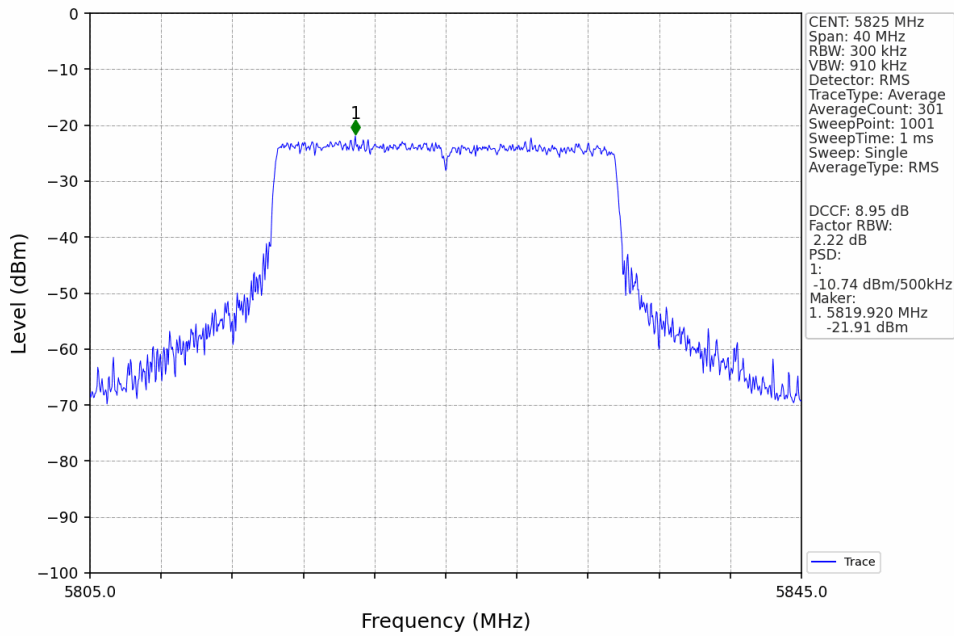
802.11ax(HEW20)_LCH_5745MHz_SU / Ant1_NTNV



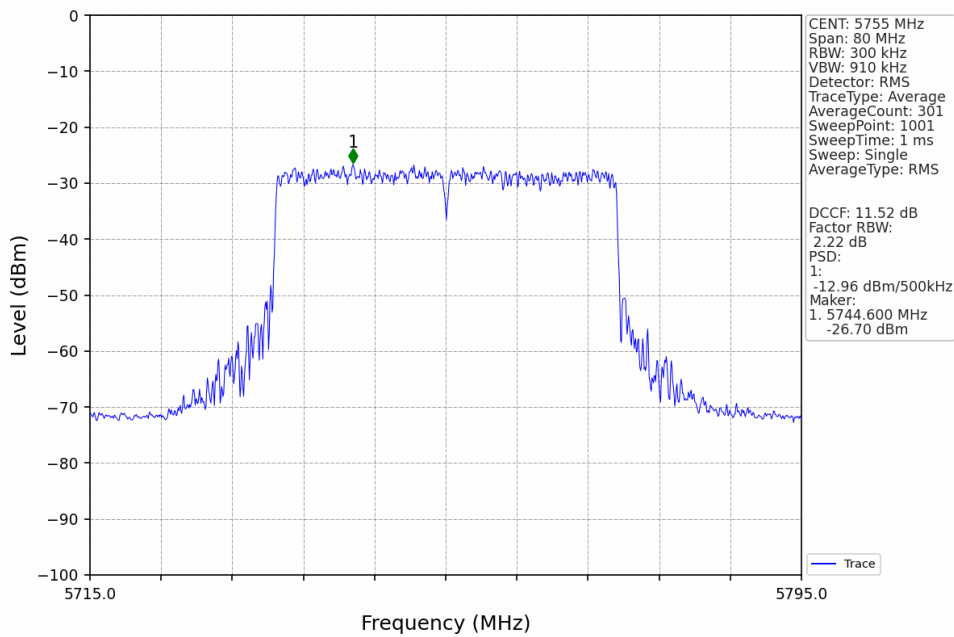
802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



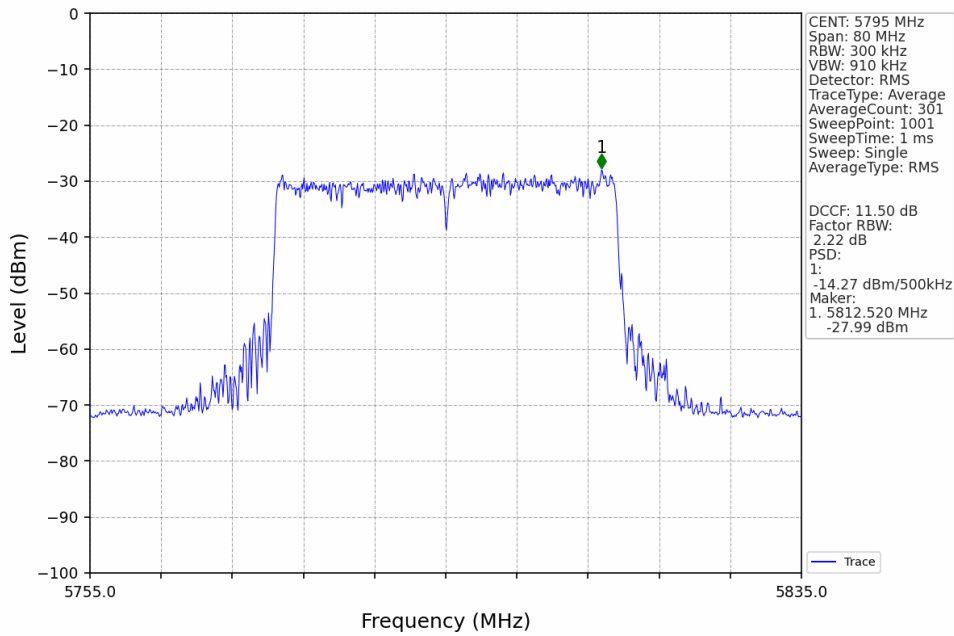
802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



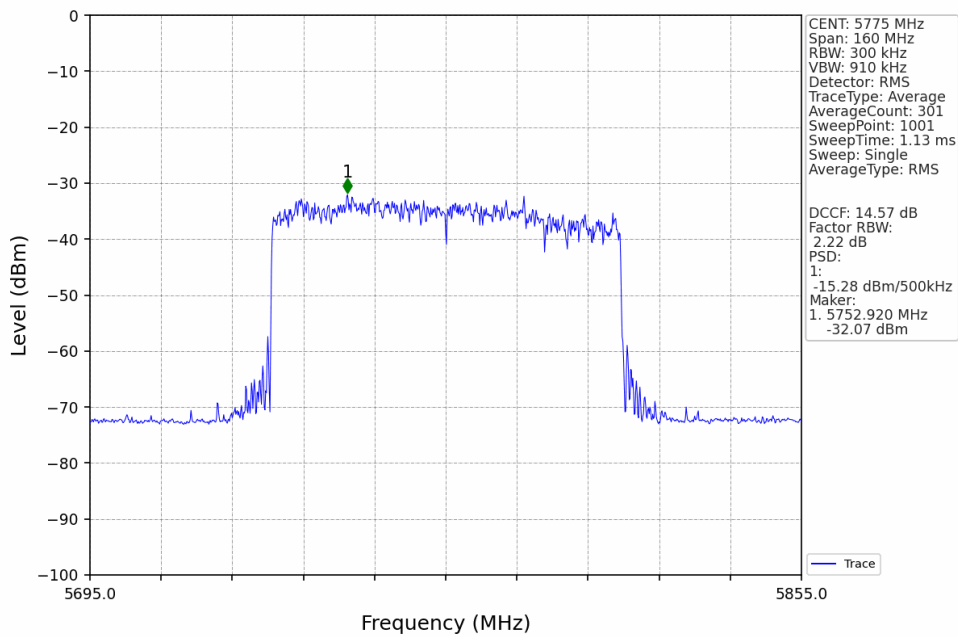
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

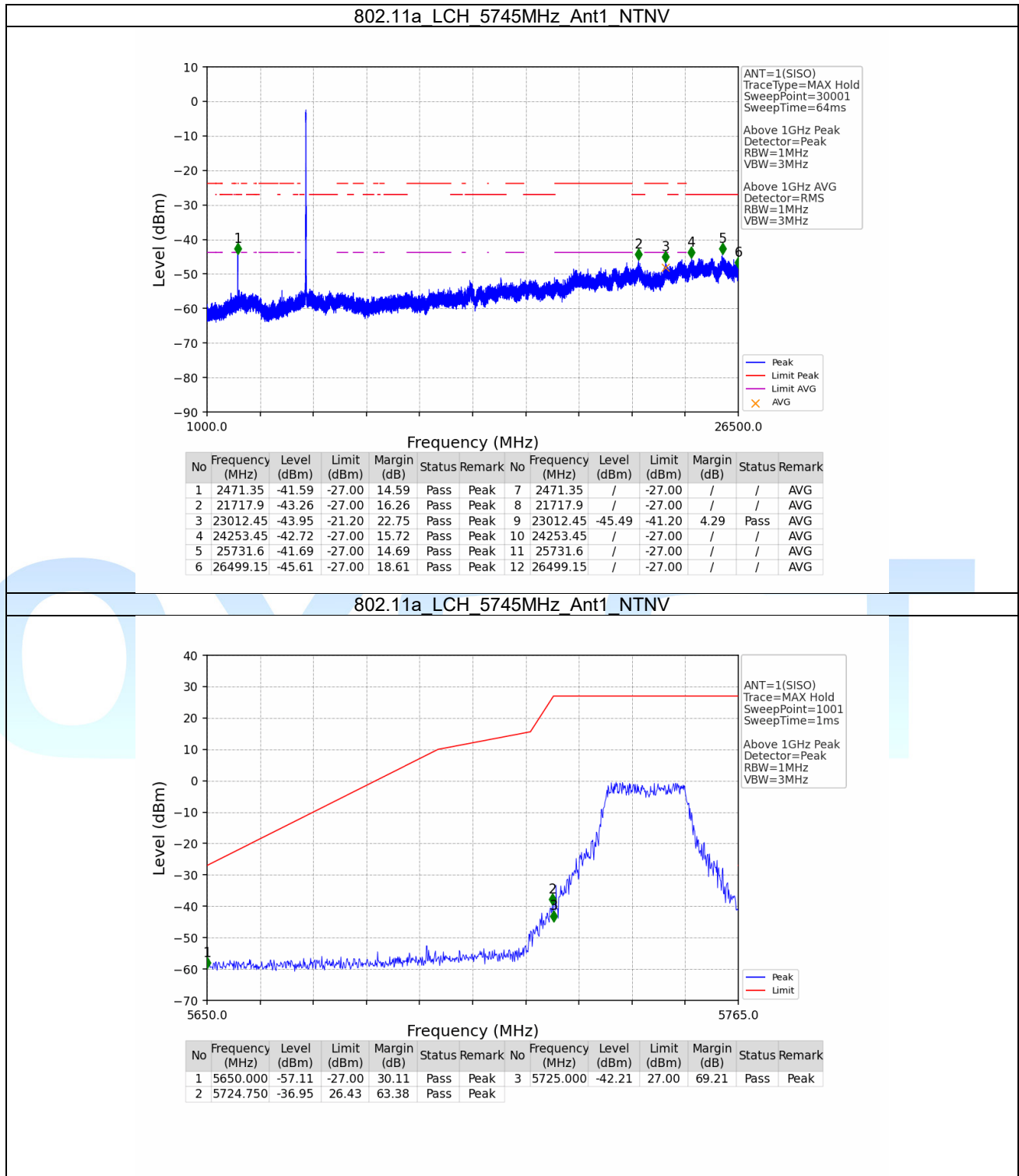
5.1 Test Result

5.1.1 RSE

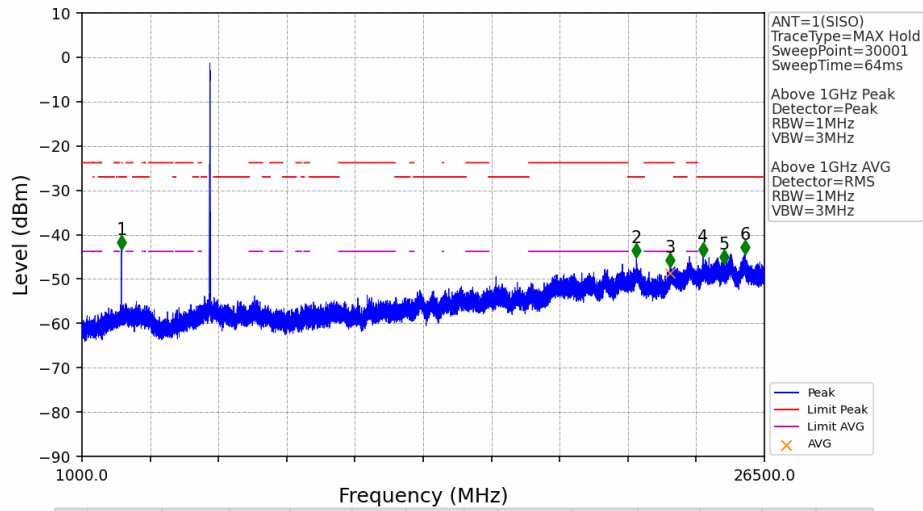
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	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

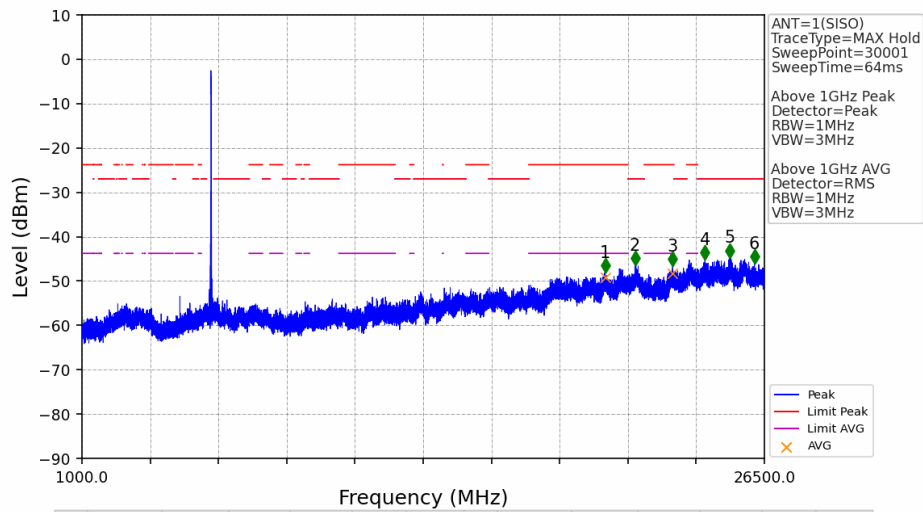


802.11a_MCH_5785MHz_Ant1_NTNV



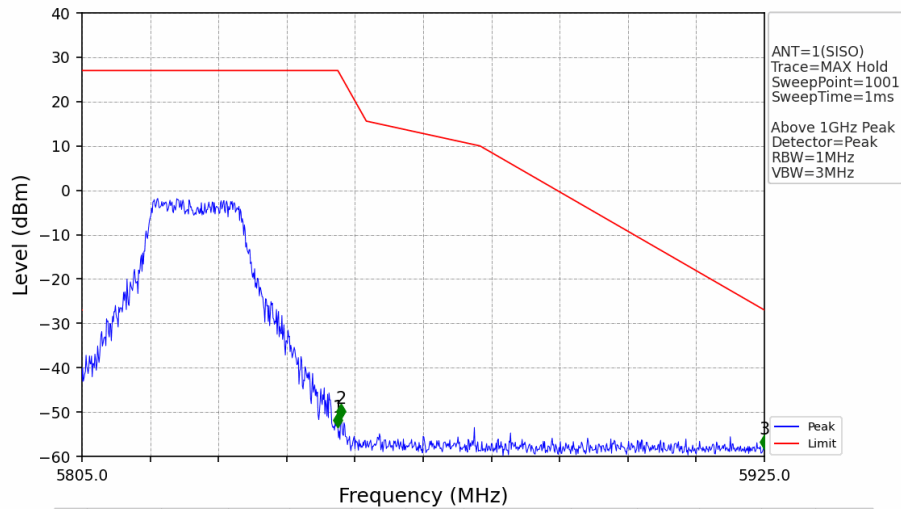
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	2473.9	-40.77	-27.00	13.77	Pass Peak	7	2473.9	/	-27.00	/	/ AVG
2	21717.05	-42.60	-27.00	15.60	Pass Peak	8	21717.05	/	-27.00	/	/ AVG
3	22977.6	-44.66	-21.20	23.46	Pass Peak	9	22977.6	-46.09	-41.20	4.89	Pass AVG
4	24206.7	-42.31	-27.00	15.31	Pass Peak	10	24206.7	/	-27.00	/	/ AVG
5	25002.3	-43.94	-27.00	16.93	Pass Peak	11	25002.3	/	-27.00	/	/ AVG
6	25778.35	-41.79	-27.00	14.79	Pass Peak	12	25778.35	/	-27.00	/	/ AVG

802.11a_HCH_5825MHz_Ant1_NTNV

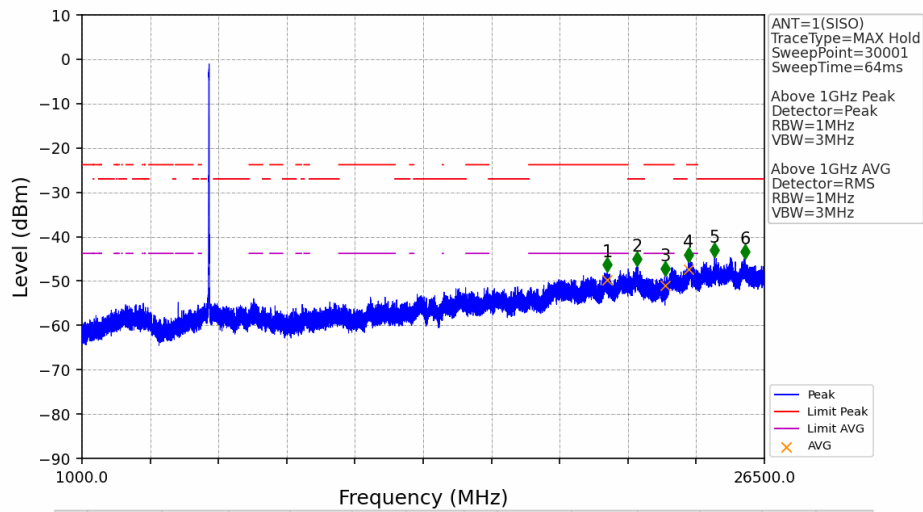


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20549.15	-45.55	-21.20	24.35	Pass Peak	7	20549.15	-46.68	-41.20	5.48	Pass AVG
2	21663.5	-43.83	-27.00	16.83	Pass Peak	8	21663.5	/	-27.00	/	/ AVG
3	23069.4	-44.07	-21.20	22.87	Pass Peak	9	23069.4	-45.76	-41.20	4.56	Pass AVG
4	24278.1	-42.50	-27.00	15.50	Pass Peak	10	24278.1	/	-27.00	/	/ AVG
5	25202.05	-42.10	-27.00	15.10	Pass Peak	11	25202.05	/	-27.00	/	/ AVG
6	26126.85	-43.40	-27.00	16.39	Pass Peak	12	26126.85	/	-27.00	/	/ AVG

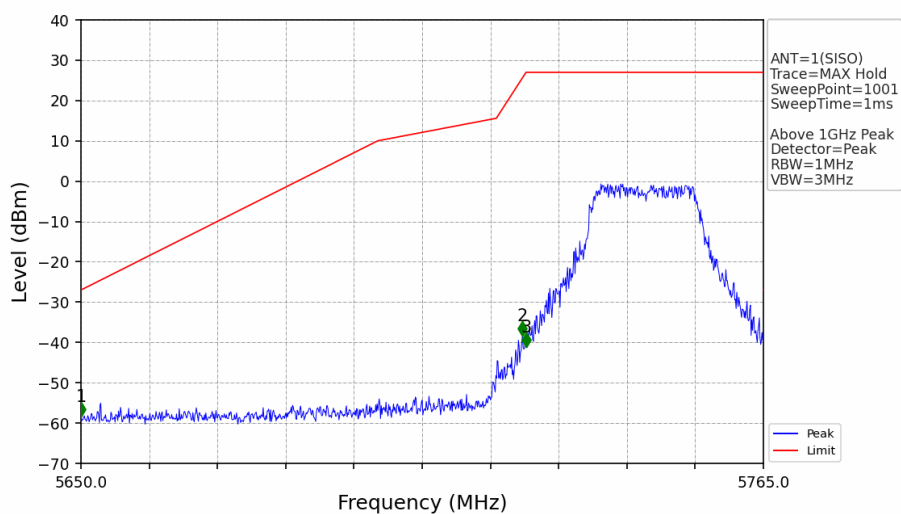
802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

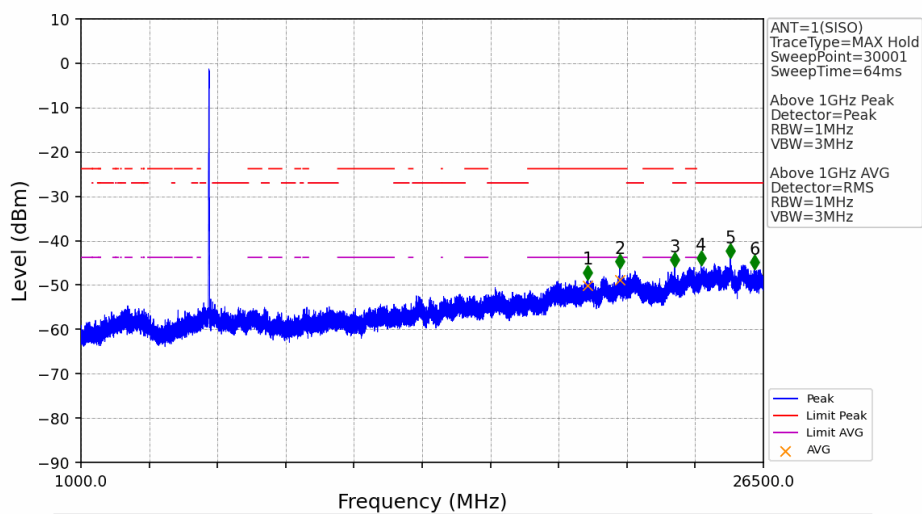


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



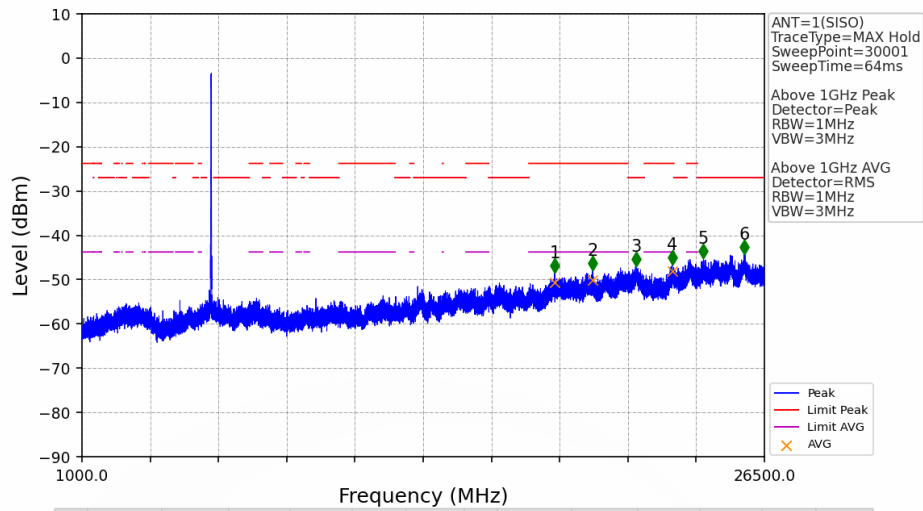
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-55.75	-27.00	28.75	Pass	Peak	3	5725.000	-38.60	27.00	65.60	Pass	Peak
2	5724.405	-35.73	25.64	61.38	Pass	Peak							

802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



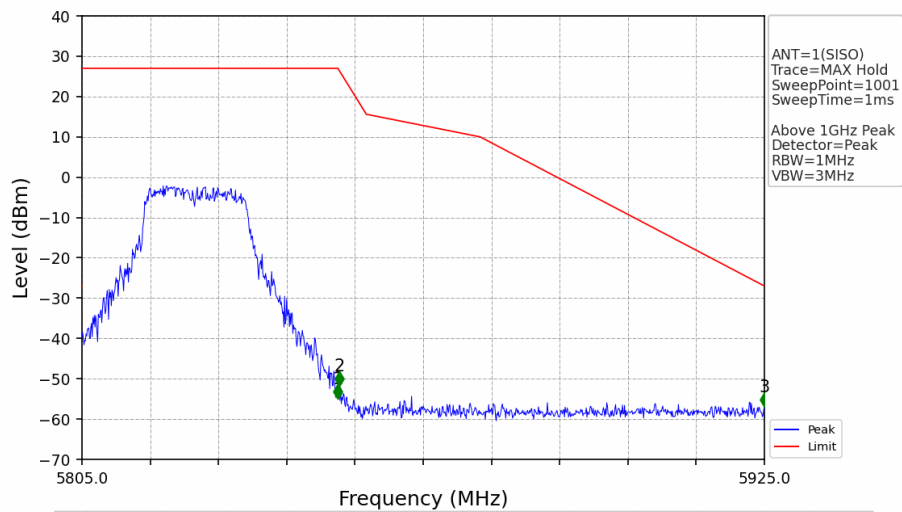
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19929.5	-46.11	-21.20	24.91	Pass	Peak	7	19929.5	-47.58	-41.20	6.38	Pass	AVG
2	21128.85	-43.62	-21.20	22.42	Pass	Peak	8	21128.85	-46.31	-41.20	5.11	Pass	AVG
3	23185.85	-43.33	-27.00	16.33	Pass	Peak	9	23185.85	/	-27.00	/	/	AVG
4	24166.75	-42.84	-27.00	15.84	Pass	Peak	10	24166.75	/	-27.00	/	/	AVG
5	25264.95	-41.22	-27.00	14.22	Pass	Peak	11	25264.95	/	-27.00	/	/	AVG
6	26174.45	-43.91	-27.00	16.91	Pass	Peak	12	26174.45	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



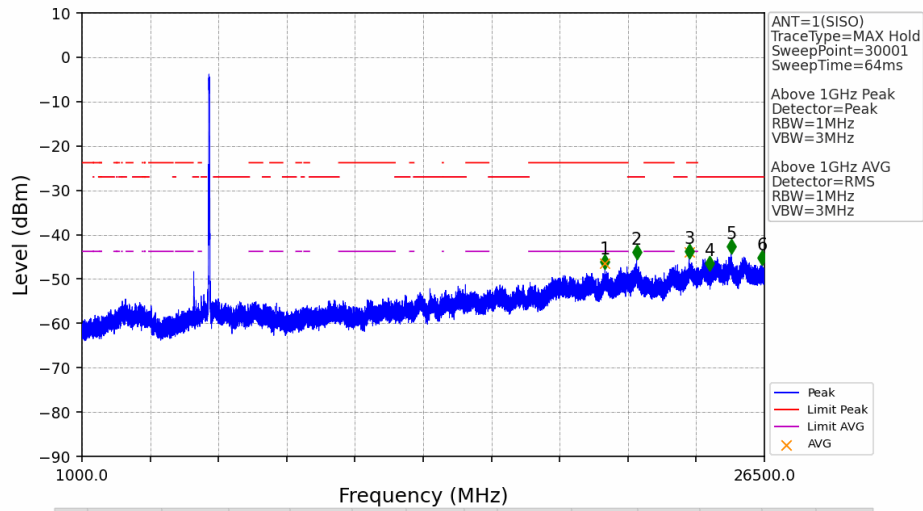
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18662.15	-45.76	-21.20	24.56	Pass	Peak	7	18662.15	-48.05	-41.20	6.85	Pass	AVG
2	20079.1	-45.35	-21.20	24.15	Pass	Peak	8	20079.1	-47.57	-41.20	6.37	Pass	AVG
3	21700.05	-44.40	-27.00	17.40	Pass	Peak	9	21700.05	/	-27.00	/	/	AVG
4	23054.1	-43.99	-21.20	22.79	Pass	Peak	10	23054.1	-45.46	-41.20	4.26	Pass	AVG
5	24223.7	-42.55	-27.00	15.55	Pass	Peak	11	24223.7	/	-27.00	/	/	AVG
6	25746.9	-41.57	-27.00	14.57	Pass	Peak	12	25746.9	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



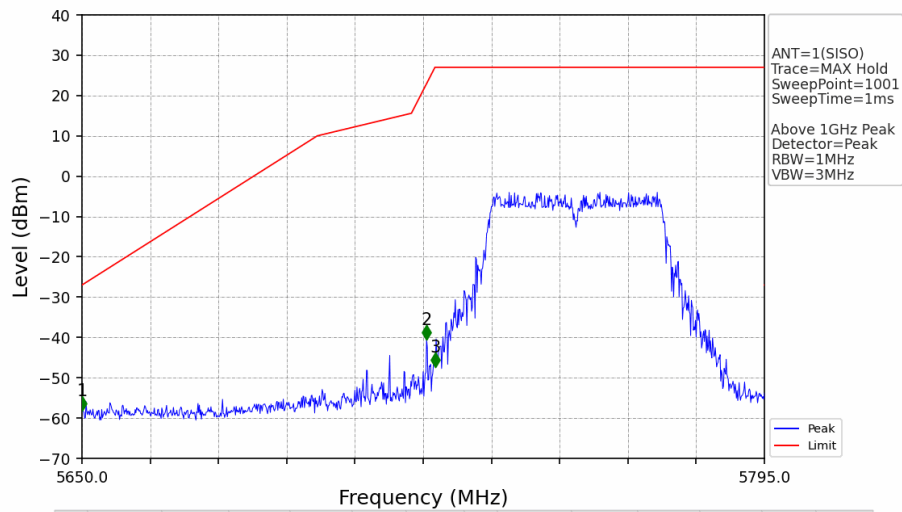
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-52.34	27.00	79.34	Pass	Peak	3	5925.000	-54.27	-27.00	27.27	Pass	Peak
2	5850.240	-49.13	26.45	75.59	Pass	Peak							

802.11n(HT40) LCH_5755MHz_Ant1_NTNV



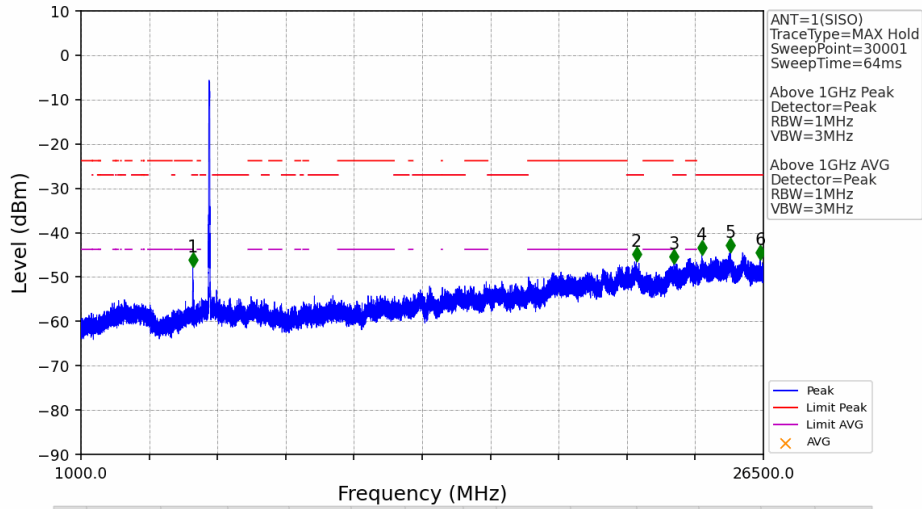
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20542.35	-45.11	-21.20	23.91	Pass	Peak	7	20542.35	-43.92	-41.20	2.72	Pass	AVG
2	21725.55	-42.94	-27.00	15.94	Pass	Peak	8	21725.55	/	-27.00	/	/	AVG
3	23685.65	-42.69	-21.20	21.48	Pass	Peak	9	23685.65	-41.41	-41.20	0.21	Pass	AVG
4	24457.45	-45.55	-27.00	18.55	Pass	Peak	10	24457.45	/	-27.00	/	/	AVG
5	25253.9	-41.67	-27.00	14.67	Pass	Peak	11	25253.9	/	-27.00	/	/	AVG
6	26418.4	-44.22	-27.00	17.22	Pass	Peak	12	26418.4	/	-27.00	/	/	AVG

802.11n(HT40) LCH_5755MHz_Ant1_NTNV

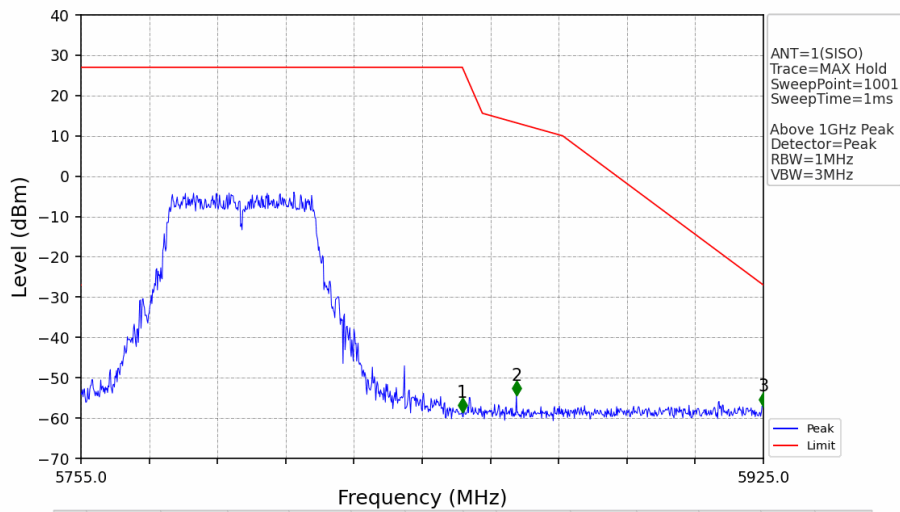


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-55.54	-27.00	28.54	Pass	Peak	3	5725.000	-44.67	27.00	71.67	Pass	Peak
2	5723.225	-37.88	22.95	60.83	Pass	Peak							

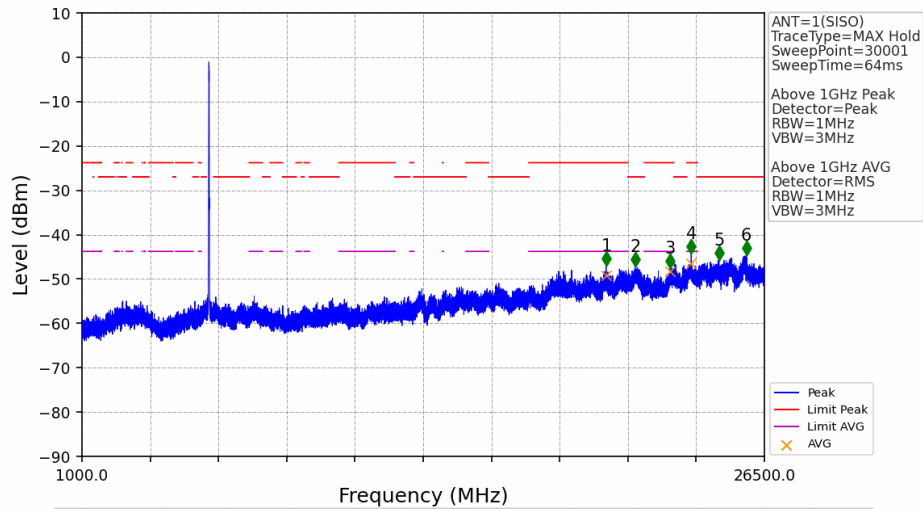
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



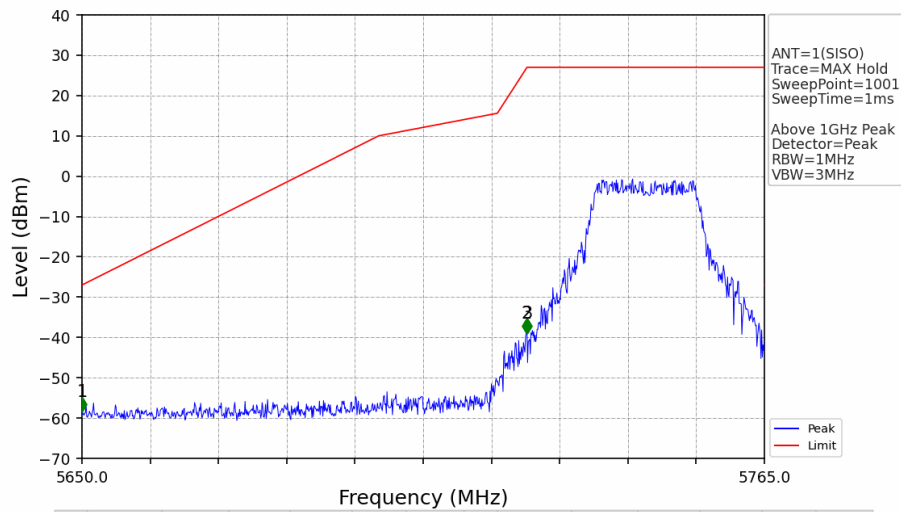
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



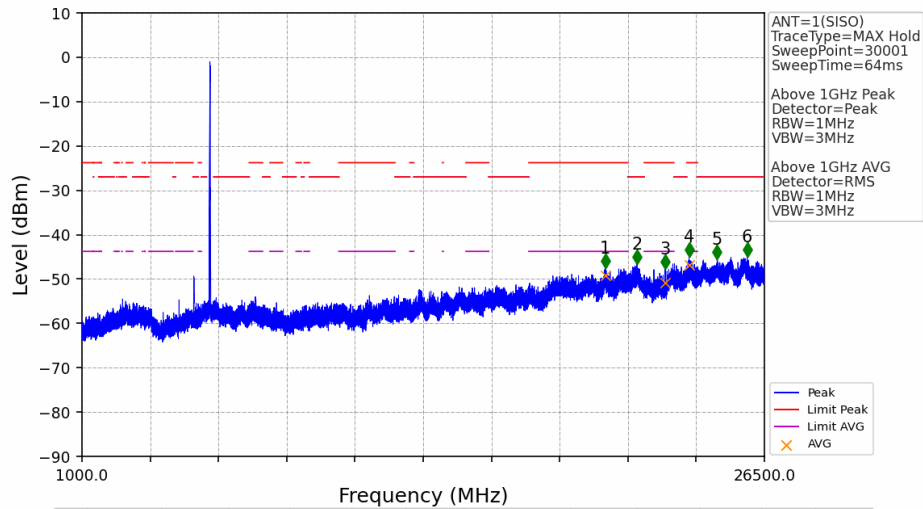
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

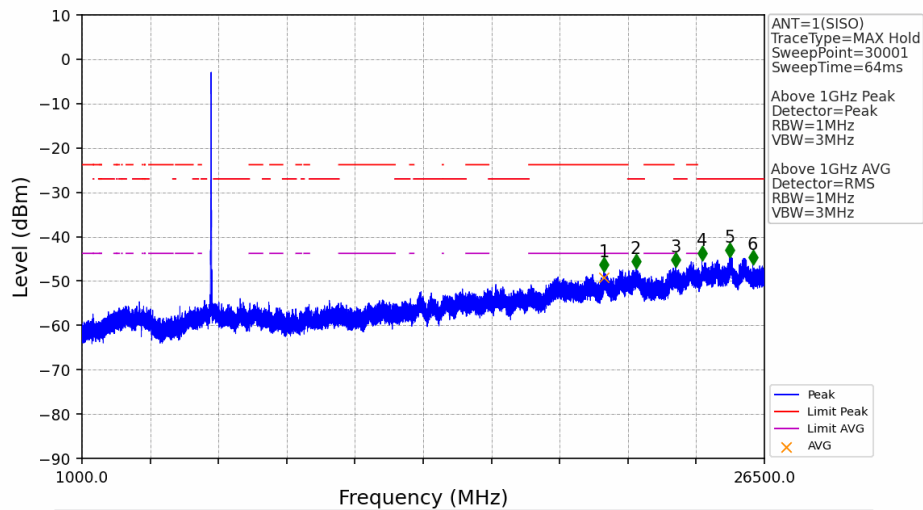


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



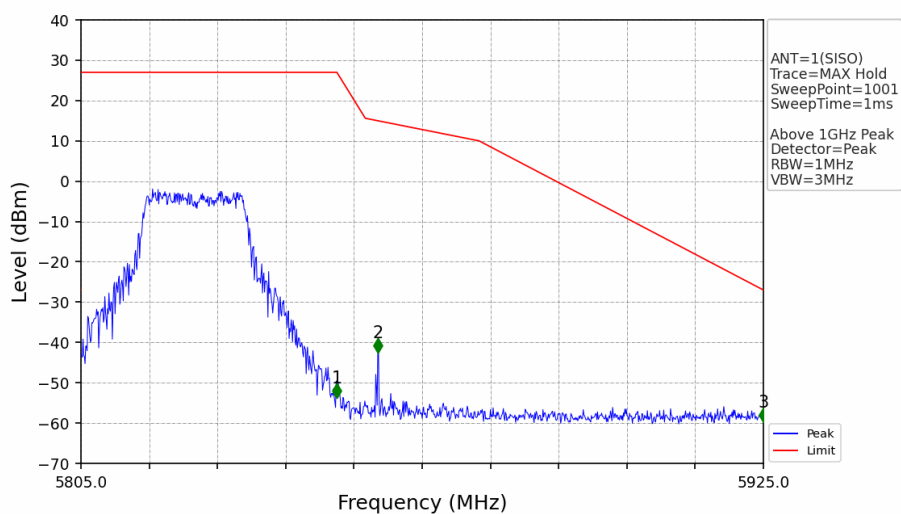
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20553.4	-44.85	-21.20	23.65	Pass	Peak	7	20553.4	-46.55	-41.20	5.35	Pass	AVG
2	21739.15	-44.05	-27.00	17.05	Pass	Peak	8	21739.15	/	-27.00	/	/	AVG
3	22793.15	-45.14	-21.20	23.94	Pass	Peak	9	22793.15	-48.19	-41.20	6.99	Pass	AVG
4	23683.1	-42.38	-21.20	21.18	Pass	Peak	10	23683.1	-44.33	-41.20	3.13	Pass	AVG
5	24734.55	-42.85	-27.00	15.85	Pass	Peak	11	24734.55	/	-27.00	/	/	AVG
6	25857.4	-42.33	-27.00	15.33	Pass	Peak	12	25857.4	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



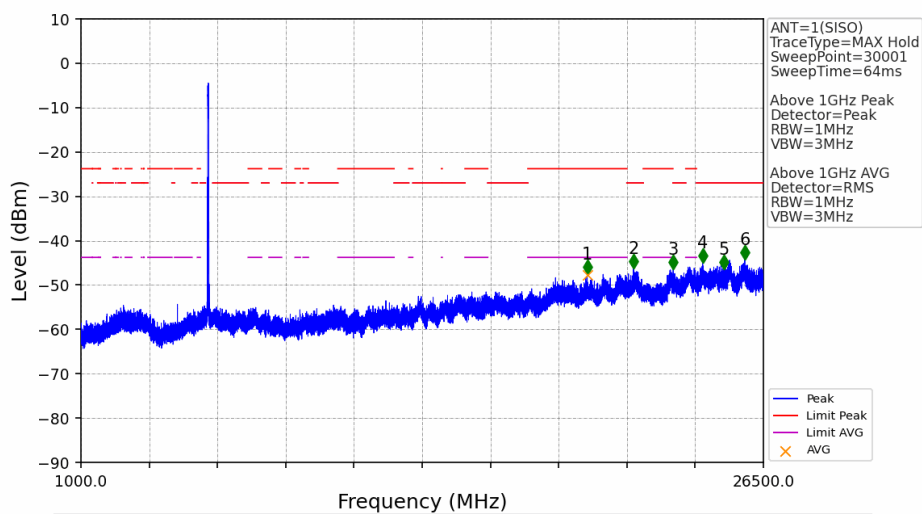
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20510.05	-45.30	-21.20	24.10	Pass	Peak	7	20510.05	-46.65	-41.20	5.45	Pass	AVG
2	21694.1	-44.63	-27.00	17.63	Pass	Peak	8	21694.1	/	-27.00	/	/	AVG
3	23178.2	-44.15	-27.00	17.14	Pass	Peak	9	23178.2	/	-27.00	/	/	AVG
4	24164.2	-42.80	-27.00	15.80	Pass	Peak	10	24164.2	/	-27.00	/	/	AVG
5	25205.45	-42.00	-27.00	15.00	Pass	Peak	11	25205.45	/	-27.00	/	/	AVG
6	26063.1	-43.73	-27.00	16.73	Pass	Peak	12	26063.1	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



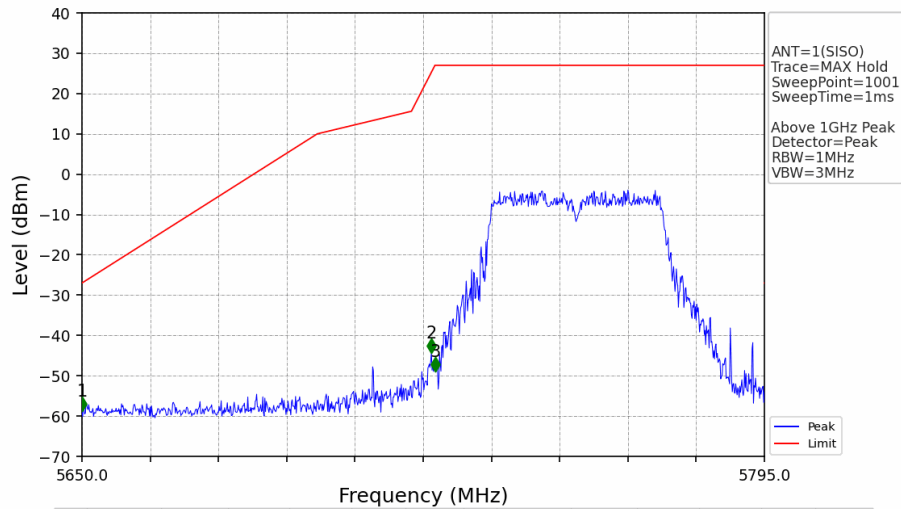
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-51.13	27.00	78.13	Pass	Peak	3	5925.000	-57.12	-27.00	30.12	Pass	Peak
2	5857.200	-39.83	14.98	54.81	Pass	Peak							

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

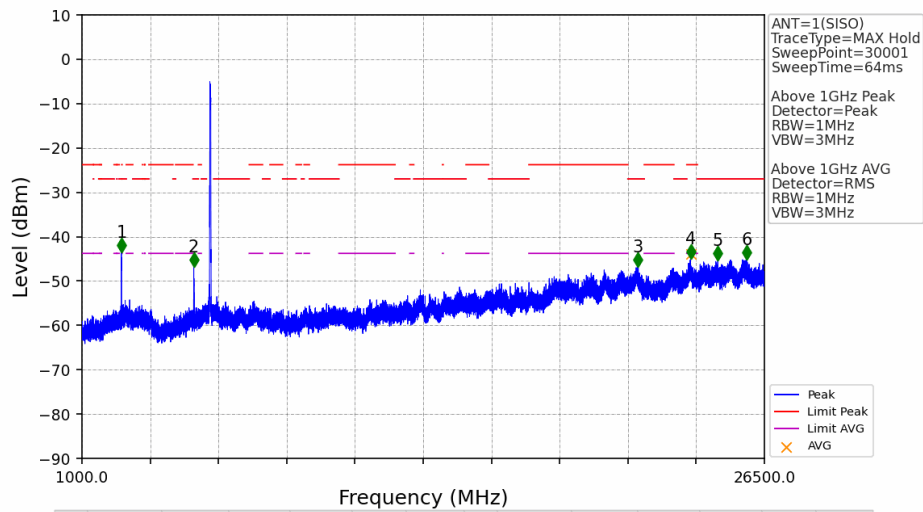


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19914.2	-44.87	-21.20	23.67	Pass	Peak	7	19914.2	-45.12	-41.20	3.92	Pass	AVG
2	21645.65	-43.65	-27.00	16.65	Pass	Peak	8	21645.65	/	-27.00	/	/	AVG
3	23128.9	-43.87	-27.00	16.87	Pass	Peak	9	23128.9	/	-27.00	/	/	AVG
4	24228.8	-42.46	-27.00	15.46	Pass	Peak	10	24228.8	/	-27.00	/	/	AVG
5	25029.5	-43.87	-27.00	16.87	Pass	Peak	11	25029.5	/	-27.00	/	/	AVG
6	25803.85	-41.58	-27.00	14.57	Pass	Peak	12	25803.85	/	-27.00	/	/	AVG

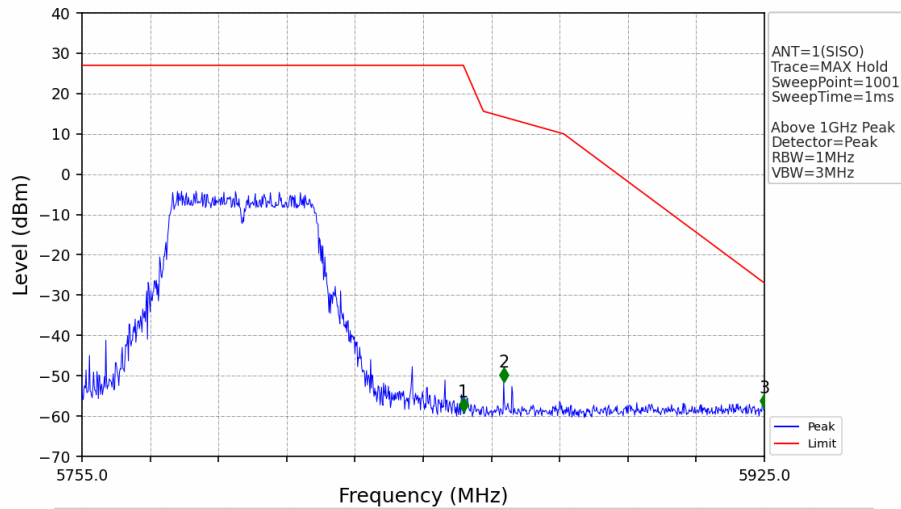
802.11ac(VHT40) LCH 5755MHz Ant1_NTNV



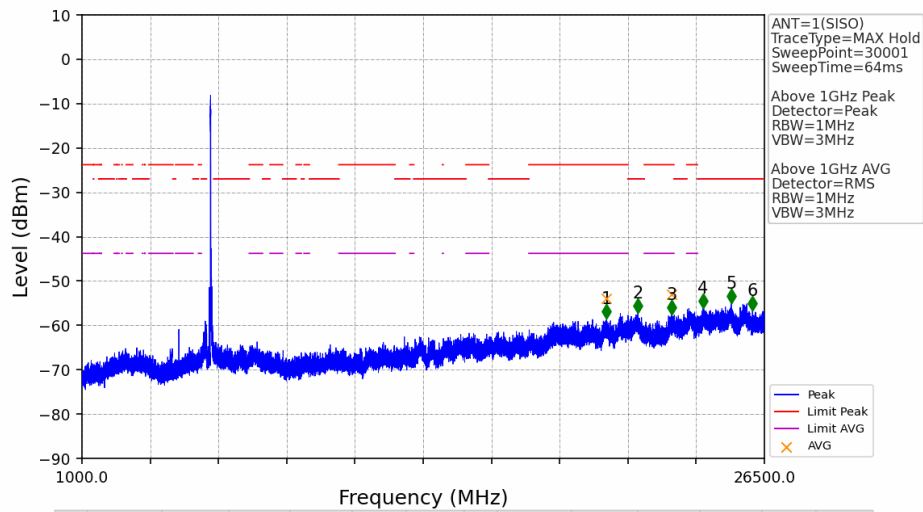
802.11ac(VHT40) HCH 5795MHz Ant1_NTNV



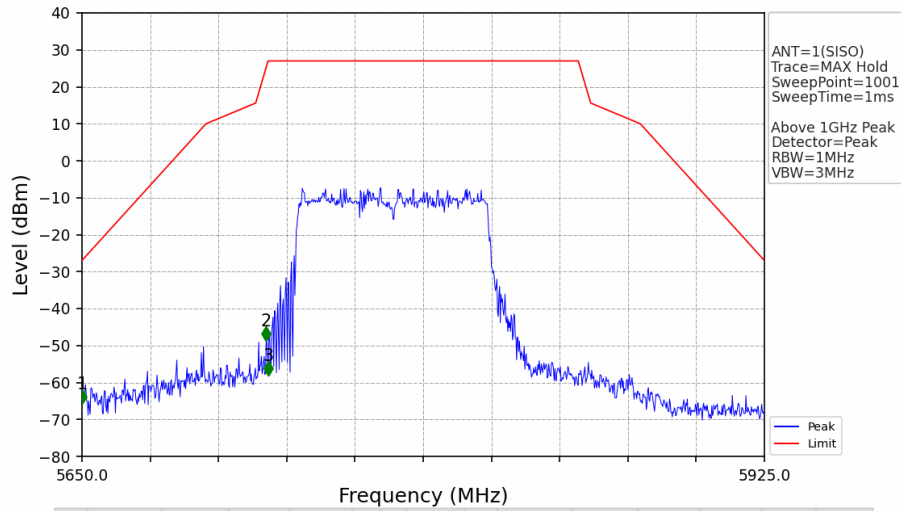
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



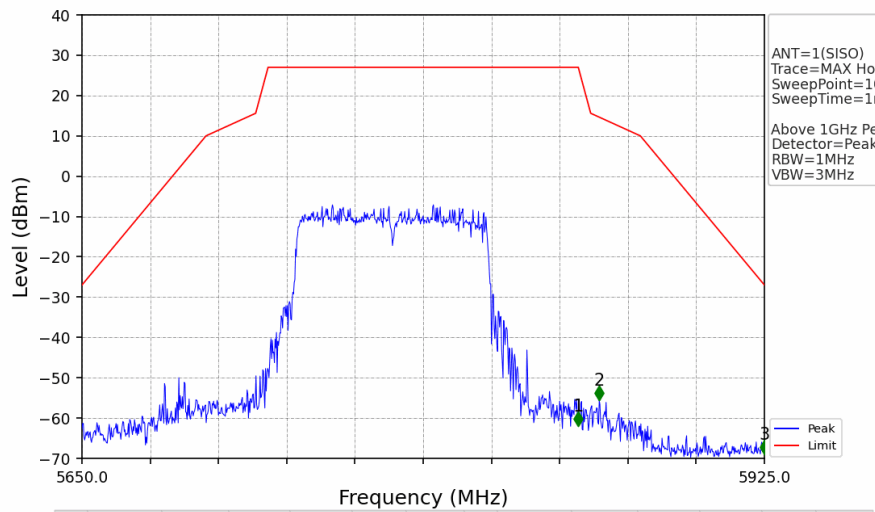
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



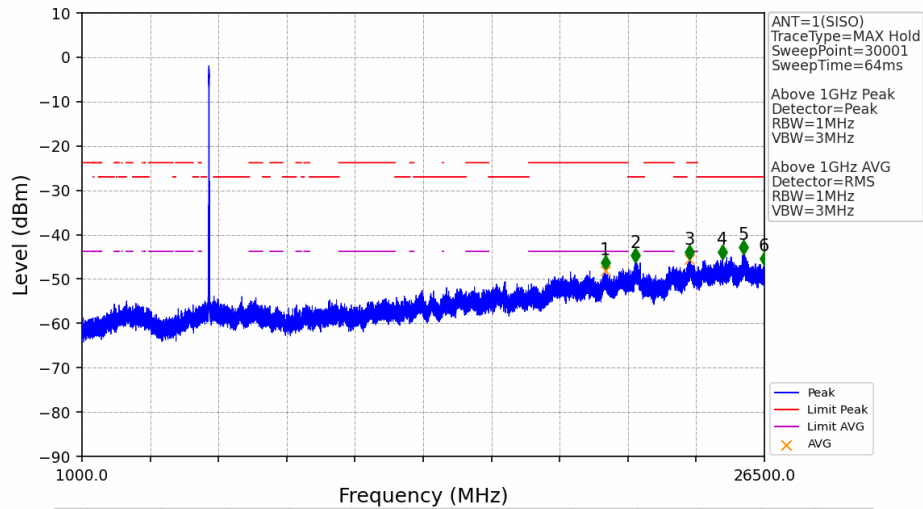
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

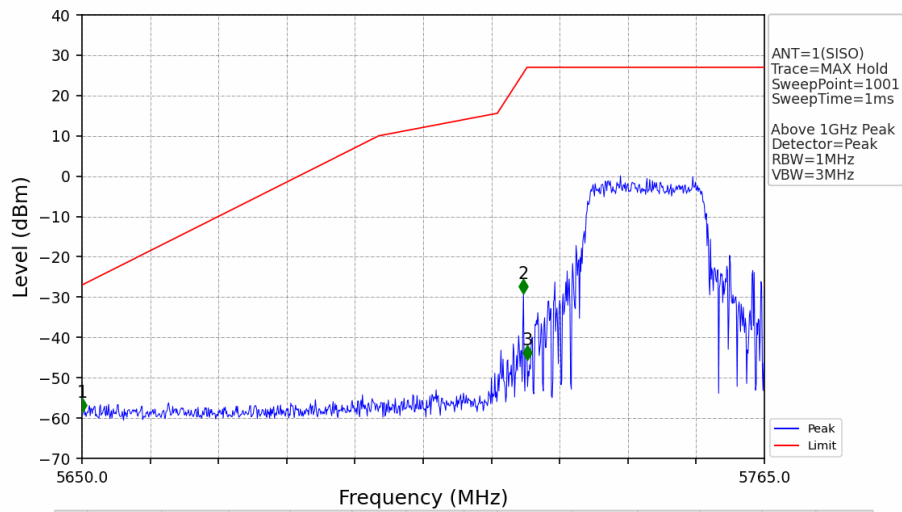


802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



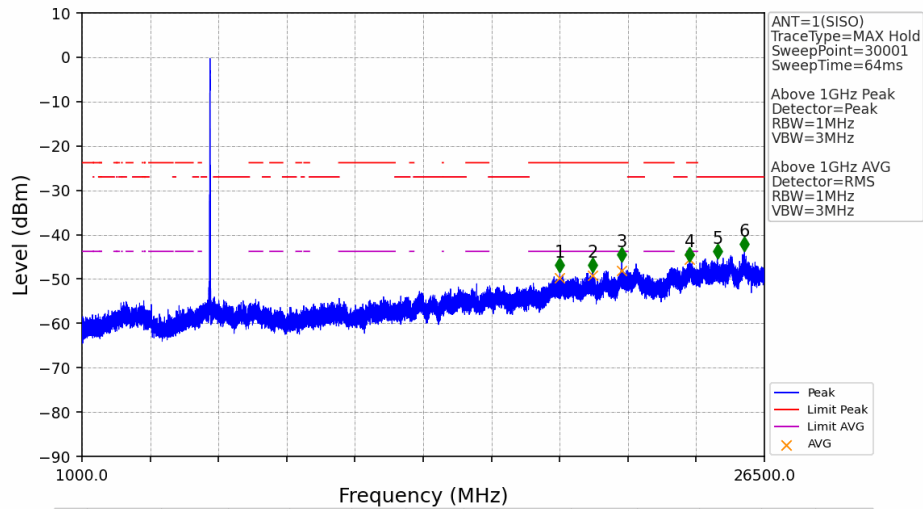
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20550.85	-45.35	-21.20	24.15	Pass	Peak	7	20550.85	-45.56	-41.20	4.36	Pass	AVG
2	21674.55	-43.62	-27.00	16.62	Pass	Peak	8	21674.55	/	-27.00	/	/	AVG
3	23703.5	-42.89	-21.20	21.69	Pass	Peak	9	23703.5	-42.98	-41.20	1.78	Pass	AVG
4	24932.6	-42.90	-27.00	15.90	Pass	Peak	10	24932.6	/	-27.00	/	/	AVG
5	25720.55	-41.88	-27.00	14.88	Pass	Peak	11	25720.55	/	-27.00	/	/	AVG
6	26486.4	-44.46	-27.00	17.46	Pass	Peak	12	26486.4	/	-27.00	/	/	AVG

802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



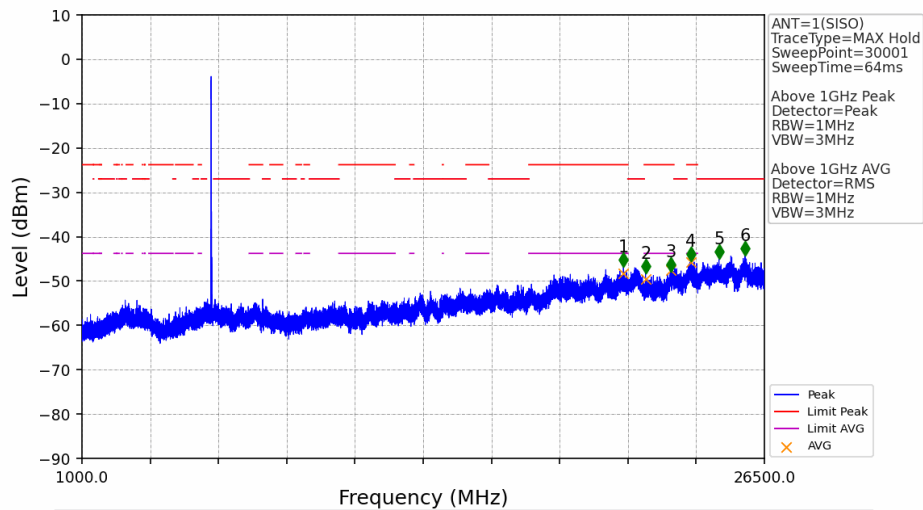
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-56.04	-27.00	29.04	Pass	Peak	3	5725.000	-42.99	27.00	69.99	Pass	Peak
2	5724.405	-26.50	25.64	52.14	Pass	Peak							

802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



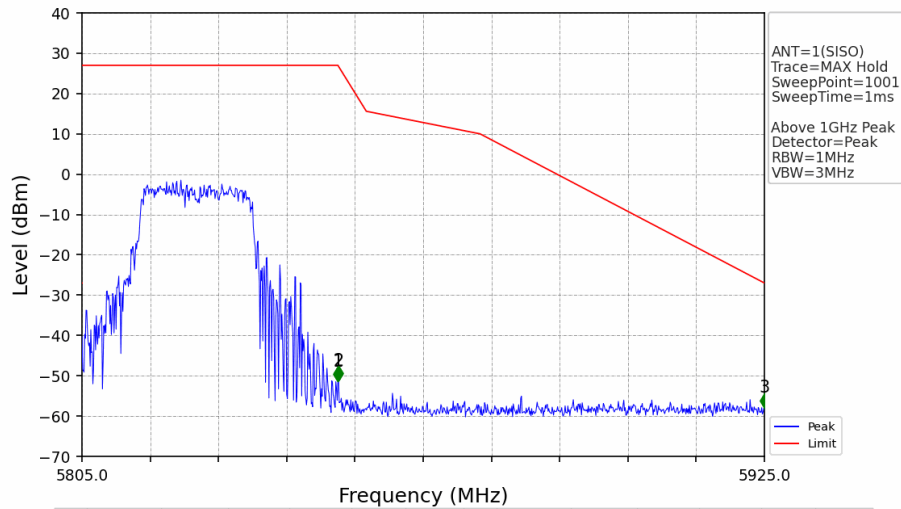
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	18856.8	-45.86	-21.20	24.66	Pass Peak	7	18856.8	-47.15	-41.20	5.95	Pass AVG
2	20080.8	-45.78	-21.20	24.58	Pass Peak	8	20080.8	-46.67	-41.20	5.47	Pass AVG
3	21168.8	-43.48	-21.20	22.28	Pass Peak	9	21168.8	-45.48	-41.20	4.28	Pass AVG
4	23709.45	-43.52	-21.20	22.32	Pass Peak	10	23709.45	-43.04	-41.20	1.84	Pass AVG
5	24742.2	-42.66	-27.00	15.66	Pass Peak	11	24742.2	/	-27.00	/	/ AVG
6	25754.55	-41.08	-27.00	14.08	Pass Peak	12	25754.55	/	-27.00	/	/ AVG

802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



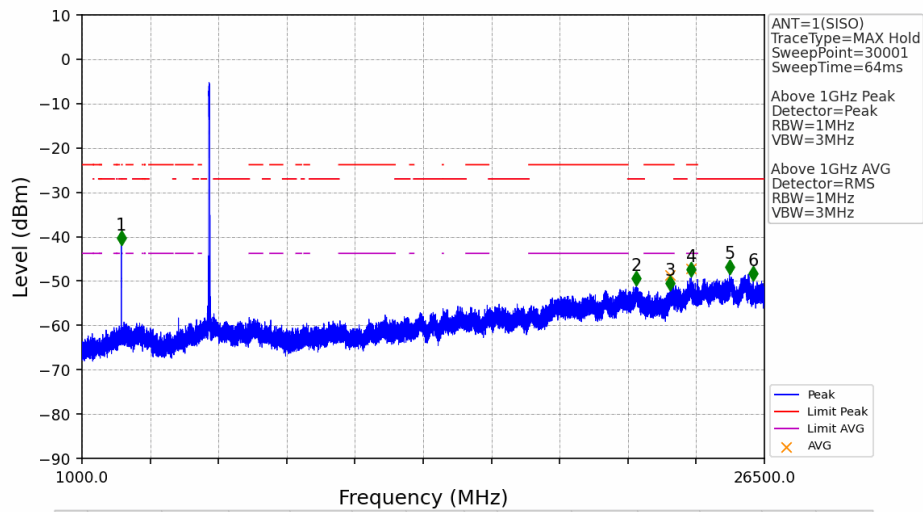
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	21231.7	-44.13	-21.20	22.93	Pass Peak	7	21231.7	-45.74	-41.20	4.54	Pass AVG
2	22057.9	-45.65	-21.20	24.45	Pass Peak	8	22057.9	-47.02	-41.20	5.82	Pass AVG
3	22991.2	-45.21	-21.20	24.01	Pass Peak	9	22991.2	-44.92	-41.20	3.72	Pass AVG
4	23758.75	-42.89	-21.20	21.69	Pass Peak	10	23758.75	-43.24	-41.20	2.04	Pass AVG
5	24802.55	-42.44	-27.00	15.44	Pass Peak	11	24802.55	/	-27.00	/	/ AVG
6	25767.3	-41.62	-27.00	14.62	Pass Peak	12	25767.3	/	-27.00	/	/ AVG

802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



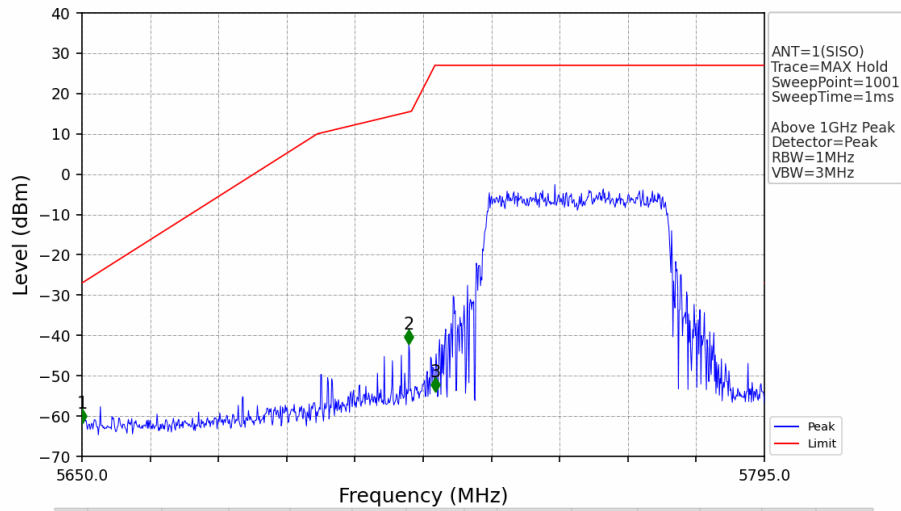
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-48.64	27.00	75.64	Pass	Peak	3	5925.000	-55.23	-27.00	28.23	Pass	Peak
2	5850.120	-48.45	26.73	75.18	Pass	Peak							

802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV

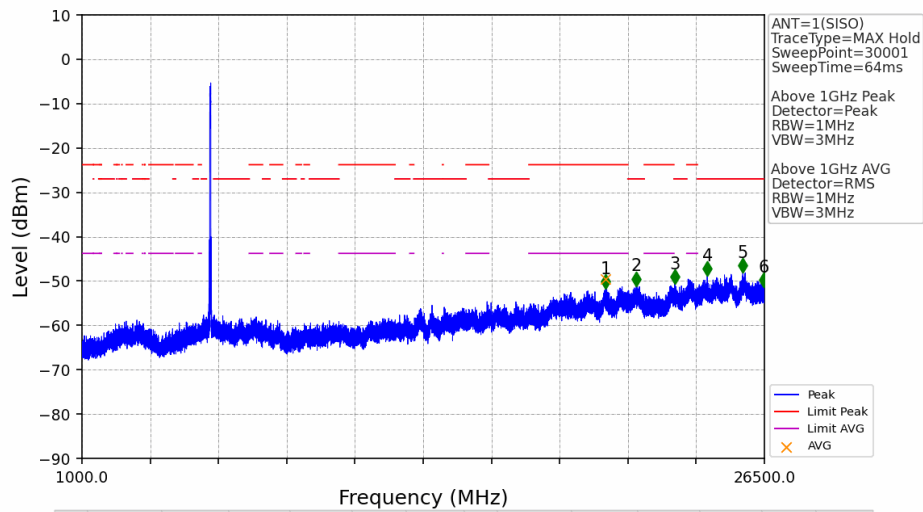


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2470.5	-39.32	-27.00	12.32	Pass	Peak	7	2470.5	/	-27.00	/	/	AVG
2	21714.5	-48.33	-27.00	21.33	Pass	Peak	8	21714.5	/	-27.00	/	/	AVG
3	22985.25	-49.53	-21.20	28.33	Pass	Peak	9	22985.25	-46.05	-41.20	4.85	Pass	AVG
4	23770.65	-46.37	-21.20	25.17	Pass	Peak	10	23770.65	-44.70	-41.20	3.50	Pass	AVG
5	25191	-45.74	-27.00	18.75	Pass	Peak	11	25191	/	-27.00	/	/	AVG
6	26083.5	-47.28	-27.00	20.28	Pass	Peak	12	26083.5	/	-27.00	/	/	AVG

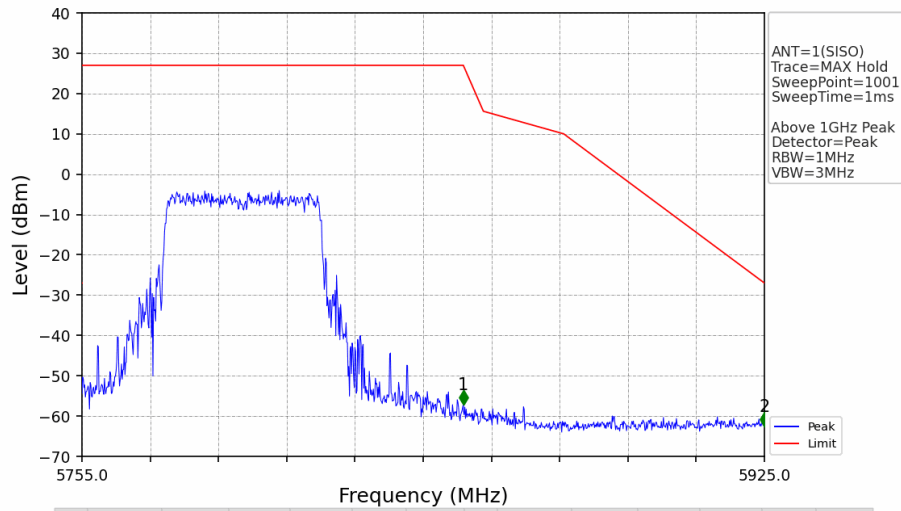
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



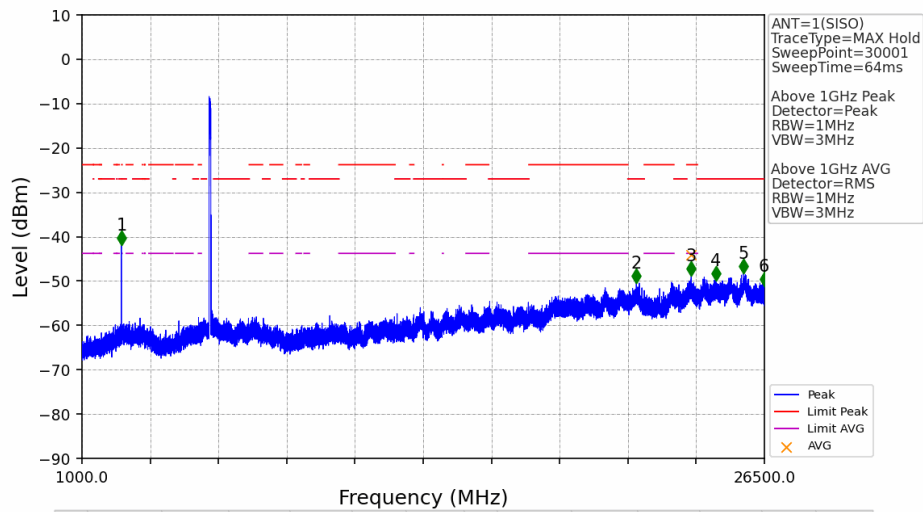
802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV



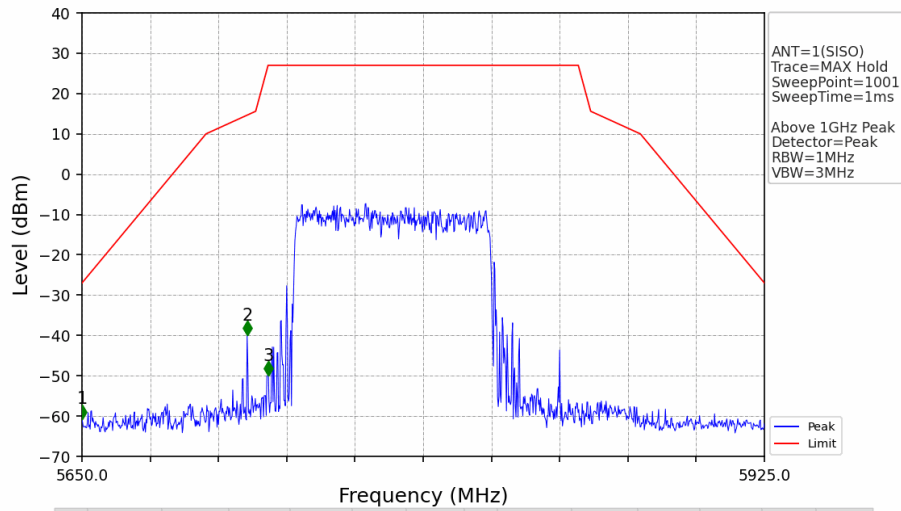
802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



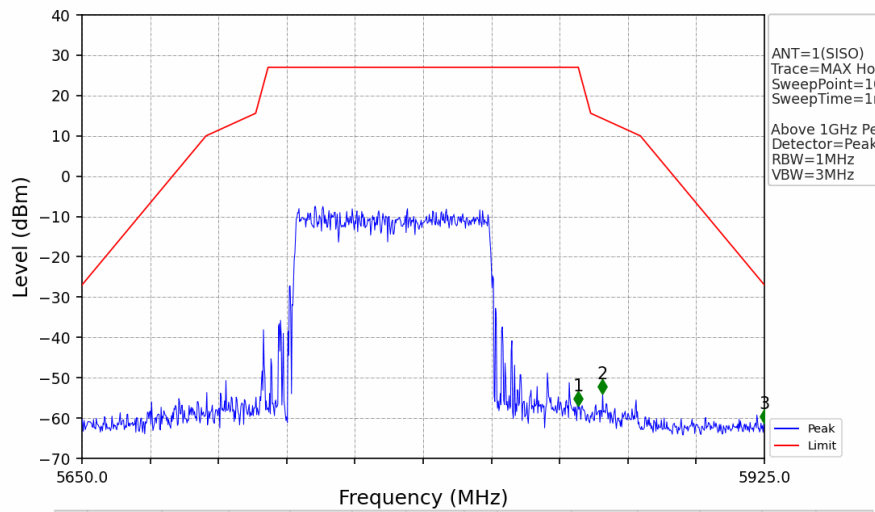
802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



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	5744.965	5725 to 5850	Pass
				120	5744.965	5725 to 5850	Pass
				138	5744.966	5725 to 5850	Pass
			-30	120	5744.966	5725 to 5850	Pass
			-20	120	5744.966	5725 to 5850	Pass
			-10	120	5744.966	5725 to 5850	Pass
			0	120	5744.966	5725 to 5850	Pass
			10	120	5744.966	5725 to 5850	Pass
			30	120	5744.967	5725 to 5850	Pass
			40	120	5744.967	5725 to 5850	Pass
			50	120	5744.967	5725 to 5850	Pass
		5785	20	102	5784.965	5725 to 5850	Pass
				120	5784.966	5725 to 5850	Pass
				138	5784.966	5725 to 5850	Pass
			-30	120	5784.966	5725 to 5850	Pass
			-20	120	5784.966	5725 to 5850	Pass
			-10	120	5784.967	5725 to 5850	Pass
			0	120	5784.967	5725 to 5850	Pass
			10	120	5784.967	5725 to 5850	Pass
			30	120	5784.967	5725 to 5850	Pass
			40	120	5784.967	5725 to 5850	Pass
			50	120	5784.967	5725 to 5850	Pass
		5825	20	102	5824.965	5725 to 5850	Pass
				120	5824.965	5725 to 5850	Pass
				138	5824.965	5725 to 5850	Pass
			-30	120	5824.965	5725 to 5850	Pass
			-20	120	5824.965	5725 to 5850	Pass
			-10	120	5824.965	5725 to 5850	Pass
			0	120	5824.966	5725 to 5850	Pass
			10	120	5824.966	5725 to 5850	Pass
			30	120	5824.966	5725 to 5850	Pass
			40	120	5824.966	5725 to 5850	Pass
			50	120	5824.966	5725 to 5850	Pass
		5755	20	102	5754.965	5725 to 5850	Pass
				120	5754.965	5725 to 5850	Pass
				138	5754.965	5725 to 5850	Pass
			-30	120	5754.965	5725 to 5850	Pass
			-20	120	5754.966	5725 to 5850	Pass
			-10	120	5754.966	5725 to 5850	Pass
			0	120	5754.966	5725 to 5850	Pass
			10	120	5754.966	5725 to 5850	Pass
			30	120	5754.966	5725 to 5850	Pass
			40	120	5754.966	5725 to 5850	Pass
			50	120	5754.966	5725 to 5850	Pass
		5795	20	102	5794.965	5725 to 5850	Pass
				120	5794.965	5725 to 5850	Pass
				138	5794.965	5725 to 5850	Pass
			-30	120	5794.965	5725 to 5850	Pass

			-20	120	5794.966	5725 to 5850	Pass
			-10	120	5794.966	5725 to 5850	Pass
			0	120	5794.966	5725 to 5850	Pass
			10	120	5794.966	5725 to 5850	Pass
			30	120	5794.966	5725 to 5850	Pass
			40	120	5794.966	5725 to 5850	Pass
			50	120	5794.966	5725 to 5850	Pass
		5775	20	102	5774.965	5725 to 5850	Pass
				120	5774.965	5725 to 5850	Pass
				138	5774.965	5725 to 5850	Pass
			-30	120	5774.965	5725 to 5850	Pass
			-20	120	5774.965	5725 to 5850	Pass
			-10	120	5774.966	5725 to 5850	Pass
			0	120	5774.966	5725 to 5850	Pass
			10	120	5774.966	5725 to 5850	Pass
			30	120	5774.966	5725 to 5850	Pass
			40	120	5774.966	5725 to 5850	Pass
			50	120	5774.966	5725 to 5850	Pass

▶▶▶ END OF REPORT ◀◀◀

