

1. Duty Cycle

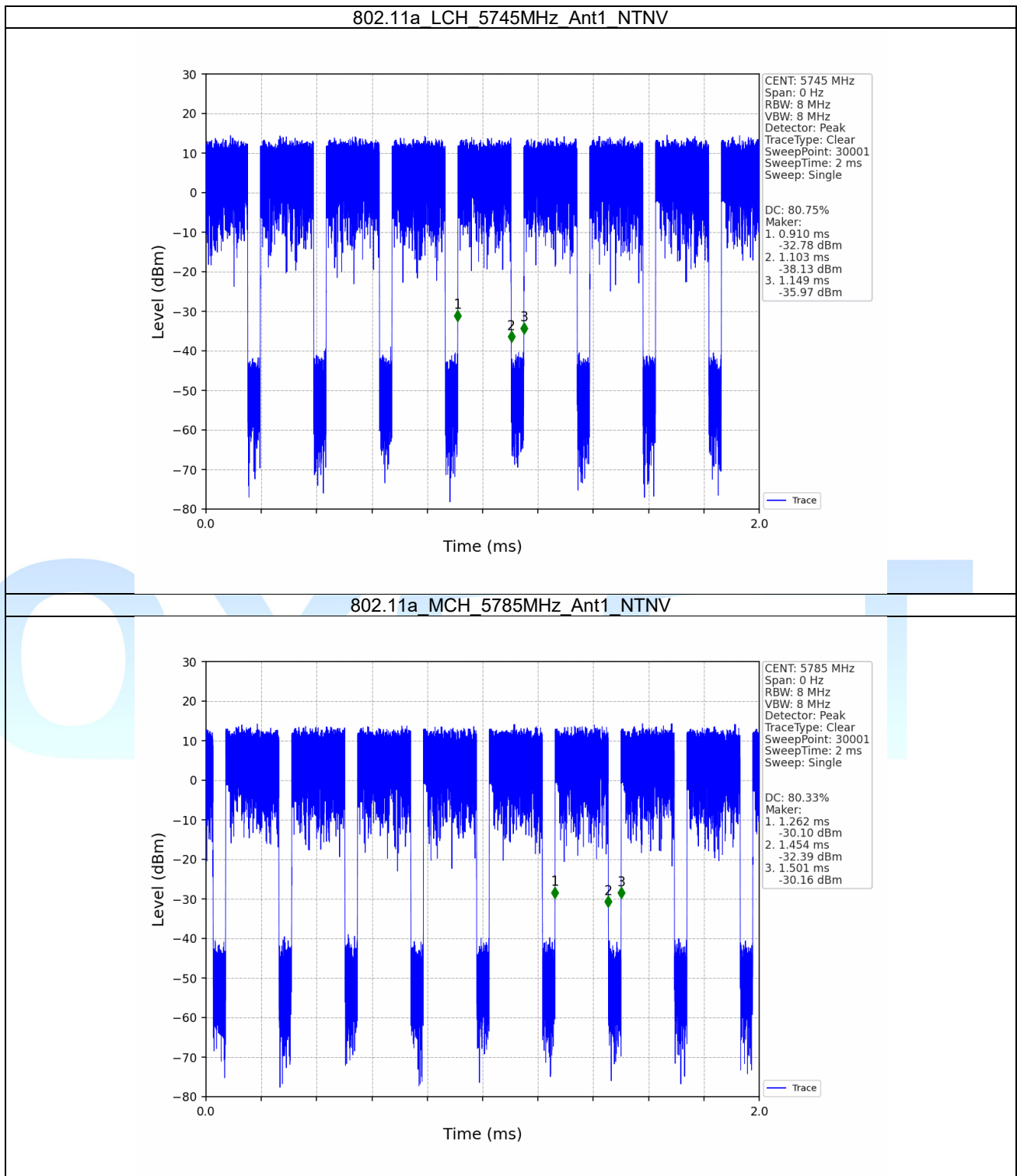
1.1 Test Result

1.1.1 Ant1

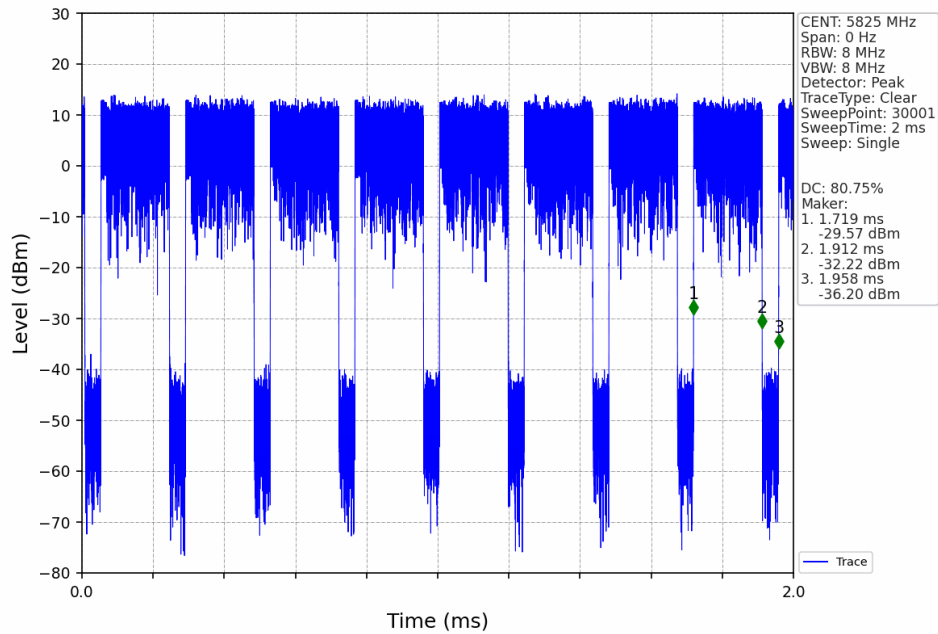
Mode	TX Type	Ant1							
		Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	/	/	0.193	0.239	80.75	0.93	0.32
		5785	/	/	0.192	0.239	80.33	0.95	0.39
		5825	/	/	0.193	0.239	80.75	0.93	0.42
802.11n (HT20)	SISO	5745	/	/	0.214	0.258	82.95	0.81	0.05
		5785	/	/	0.215	0.259	83.01	0.81	0.08
		5825	/	/	0.213	0.259	82.24	0.85	0.07
802.11n (HT40)	SISO	5755	/	/	0.201	0.247	81.38	0.90	0.16
		5795	/	/	0.201	0.247	81.38	0.90	0.19
802.11ac (VHT20)	SISO	5745	/	/	0.205	0.251	81.67	0.88	0.14
		5785	/	/	0.205	0.251	81.67	0.88	0.16
		5825	/	/	0.205	0.252	81.35	0.90	0.24
802.11ac (VHT40)	SISO	5755	/	/	0.187	0.231	80.95	0.92	0.16
		5795	/	/	0.185	0.231	80.09	0.96	0.23
802.11ac (VHT80)	SISO	5775	/	/	0.176	0.223	78.92	1.03	0.09
802.11ax (HEW20)	SISO	5745	SU	/	0.269	0.313	85.94	0.66	0.06
		5785	SU	/	0.267	0.314	85.03	0.70	0.31
		5825	SU	/	0.266	0.314	84.71	0.72	0.33
802.11ax (HEW40)	SISO	5755	SU	/	0.194	0.241	80.50	0.94	0.16
		5795	SU	/	0.197	0.241	81.74	0.88	0.08
802.11ax (HEW80)	SISO	5775	SU	/	0.179	0.223	80.27	0.95	0.10

1.2 Test Graph

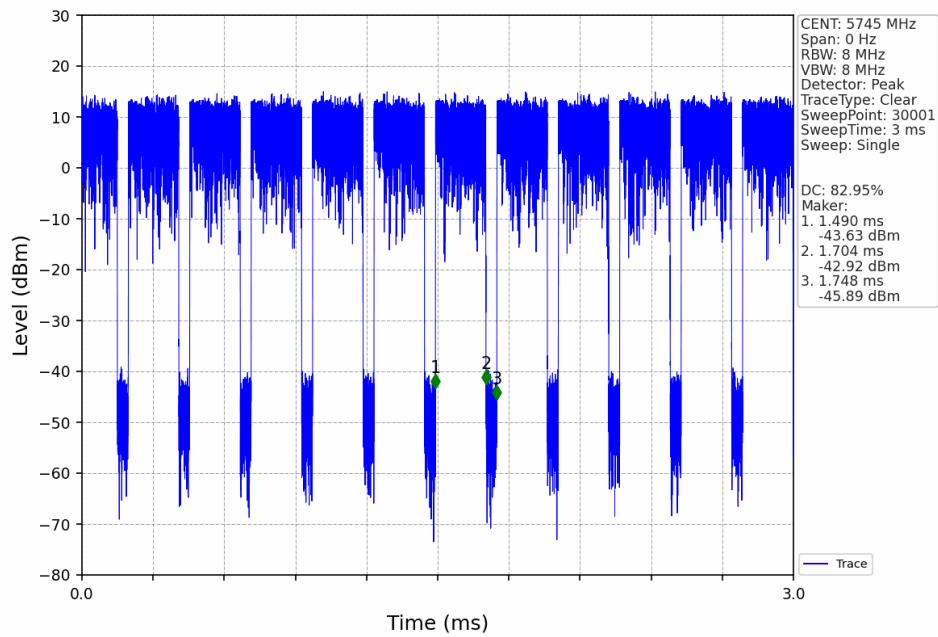
1.2.1 Ant1



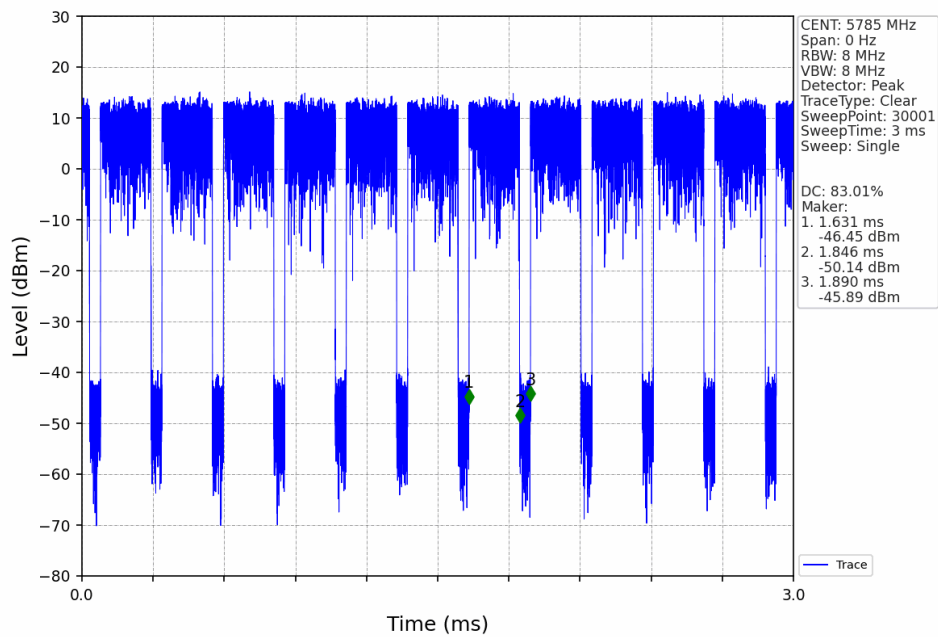
802.11a_HCH_5825MHz_Ant1_NTNV



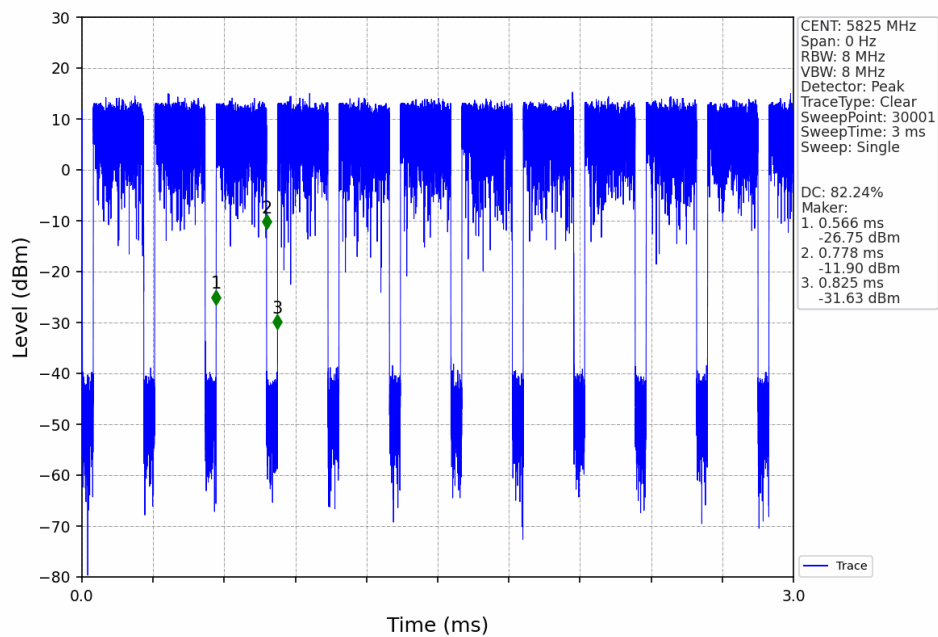
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



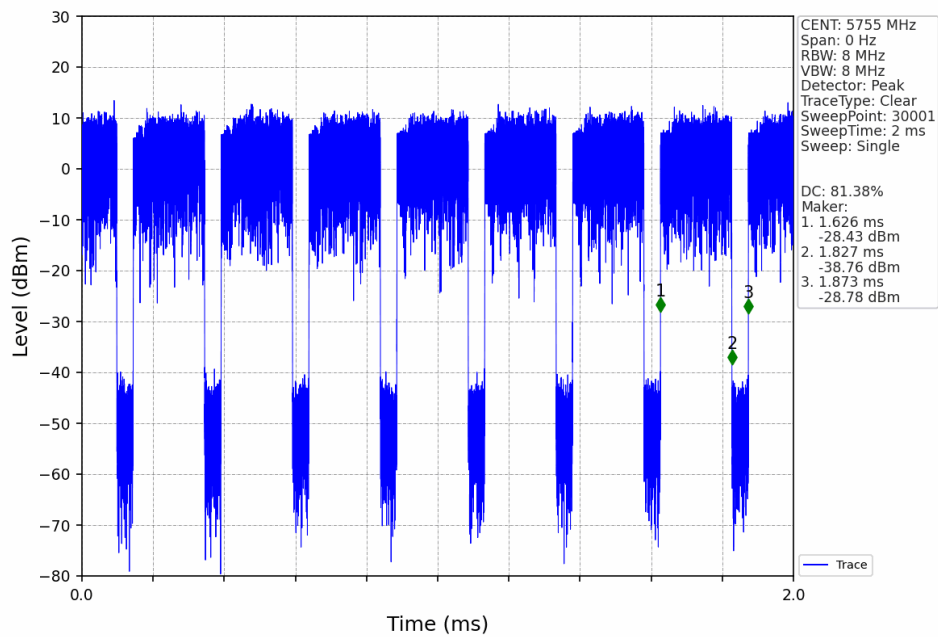
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



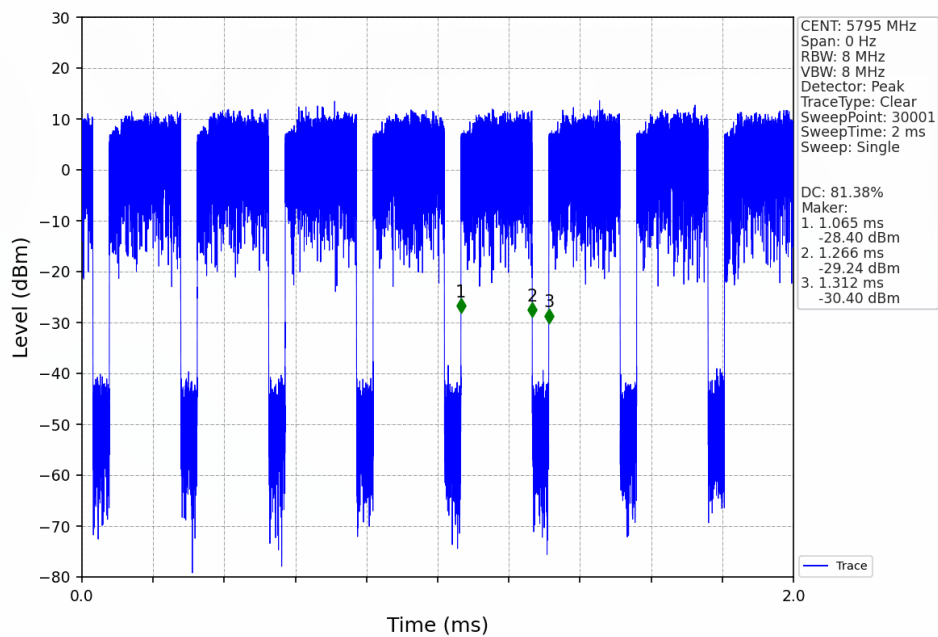
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



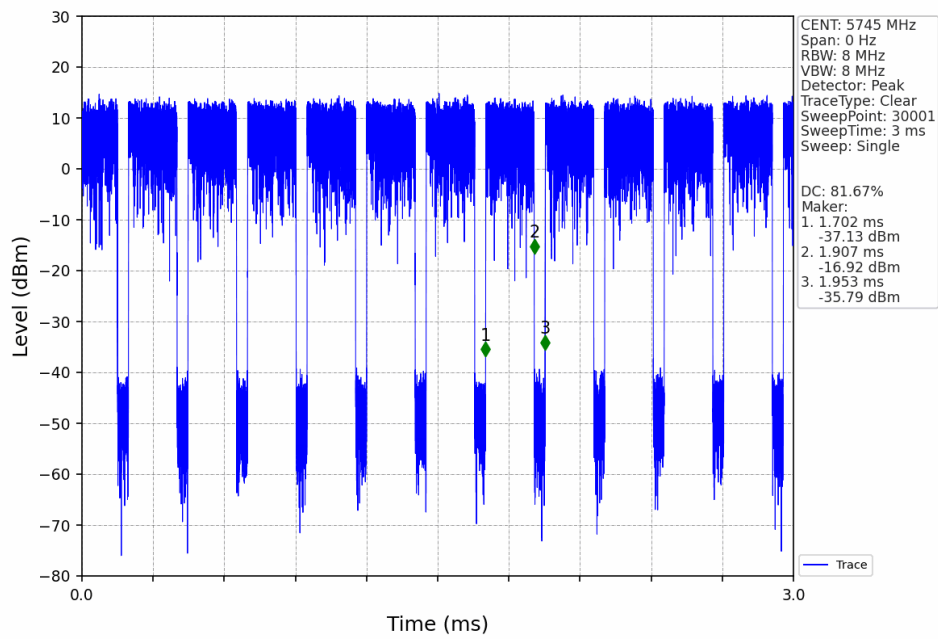
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



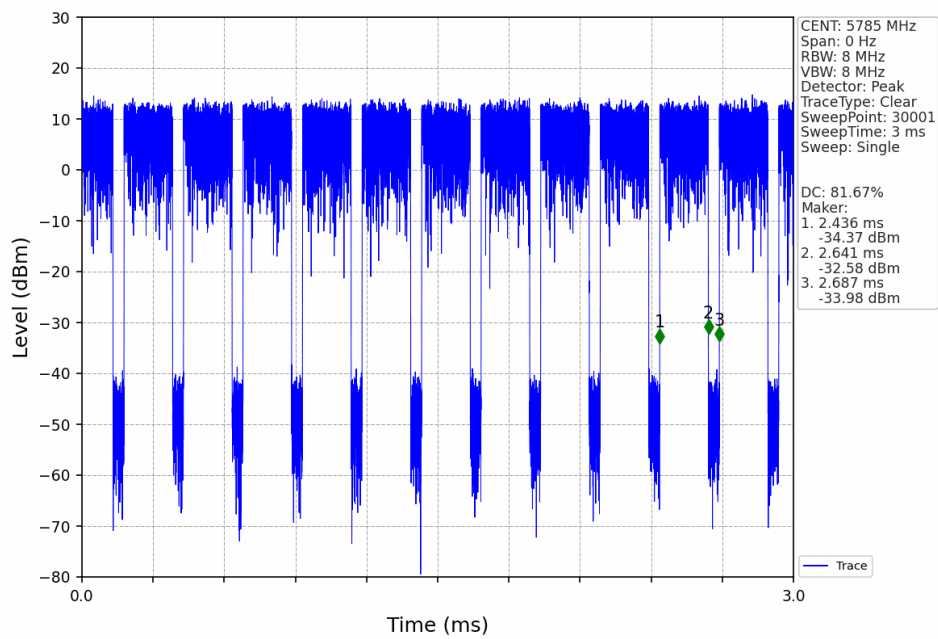
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



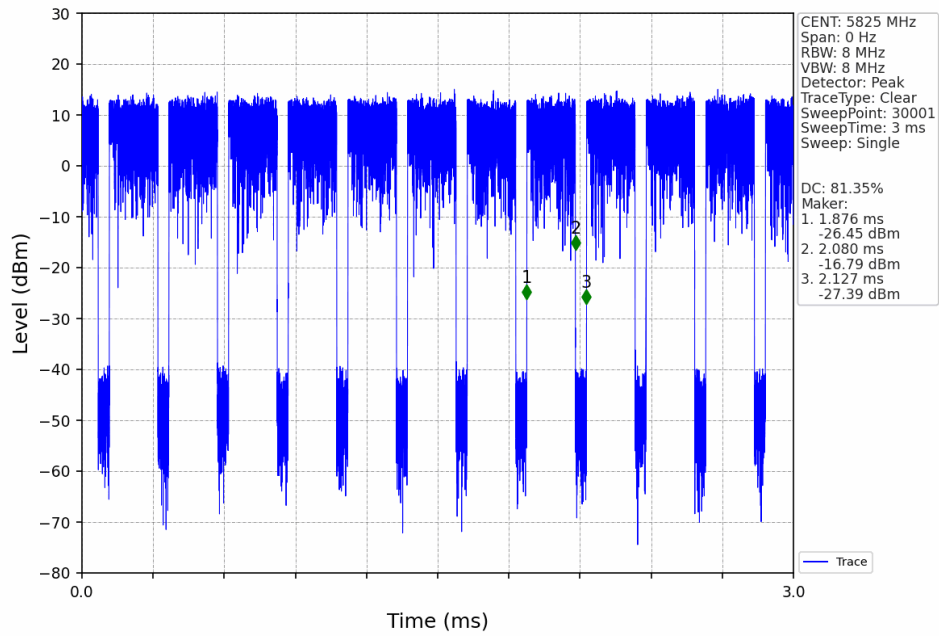
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



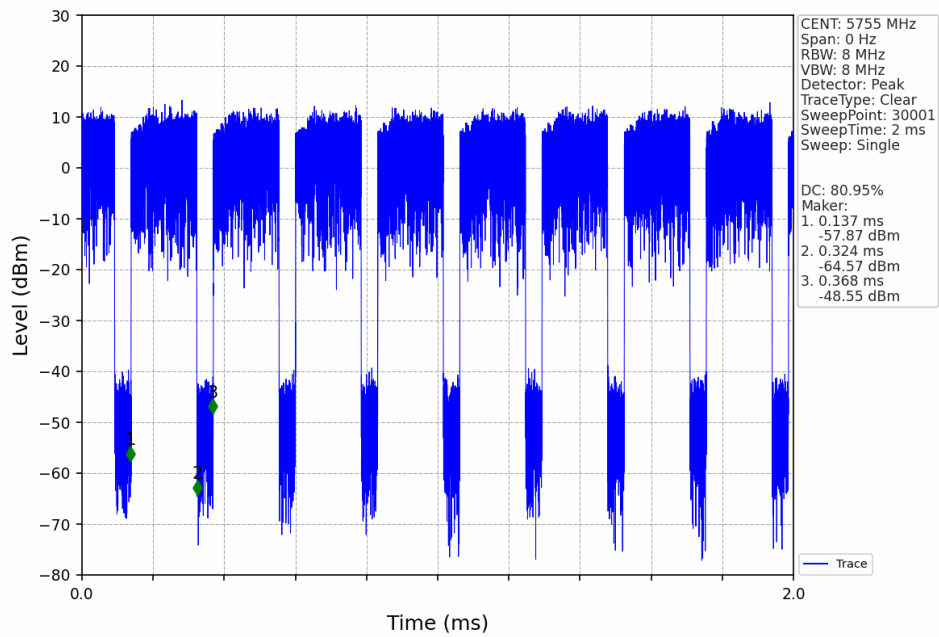
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



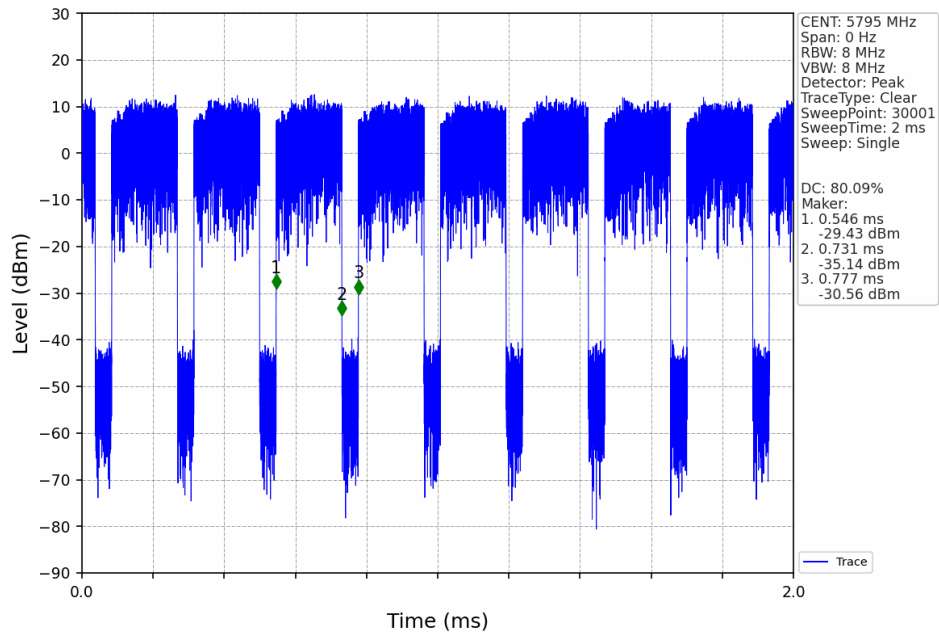
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



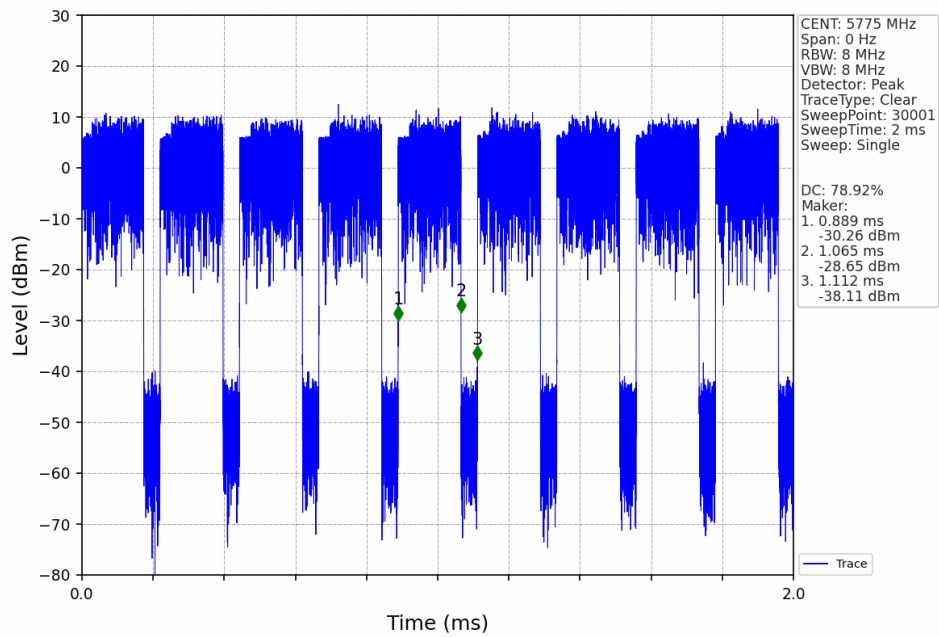
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



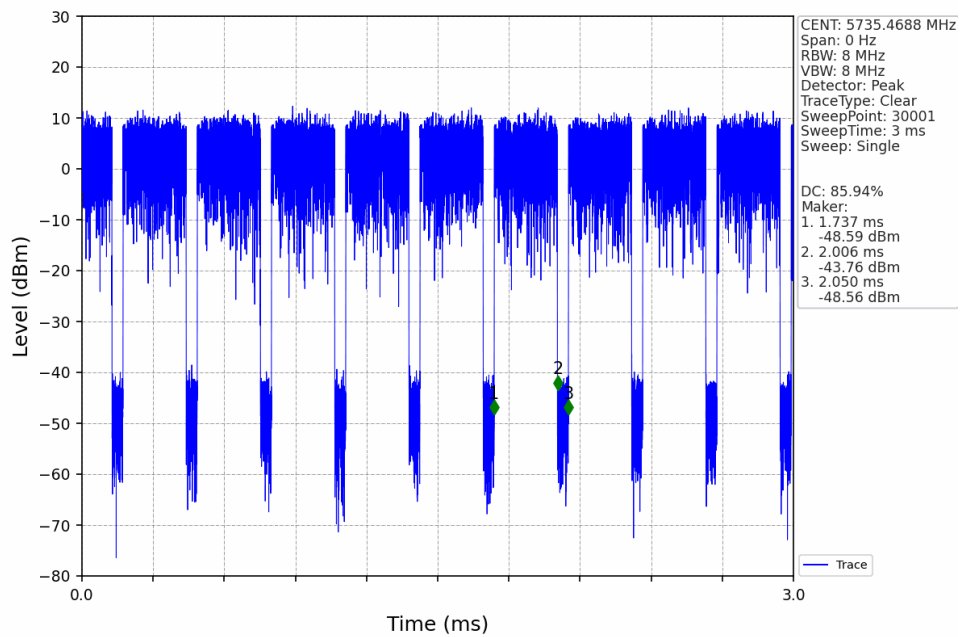
802.11ac(VHT40) HCH 5795MHz_Ant1_NTNV



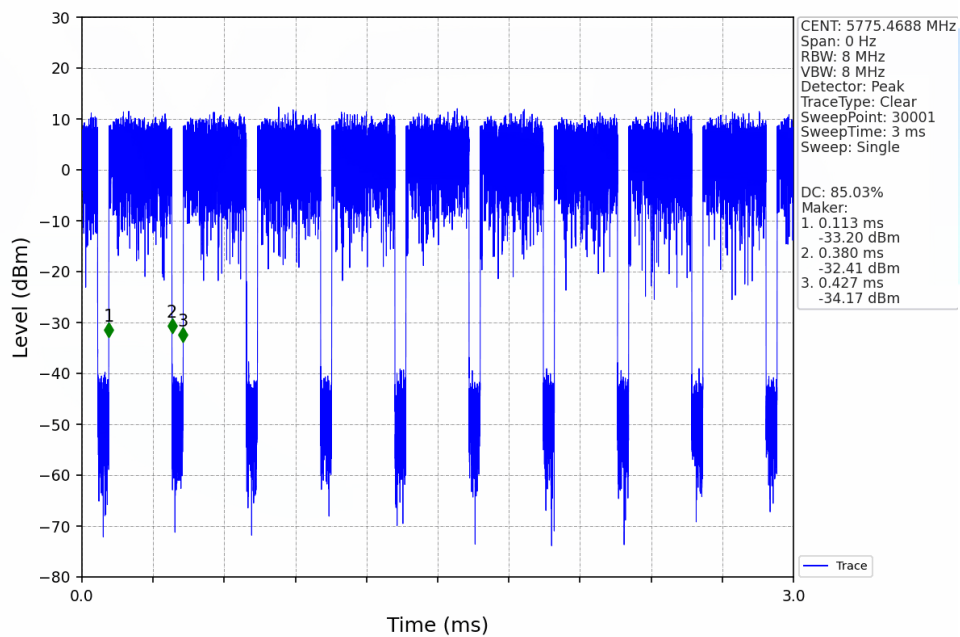
802.11ac(VHT80) MCH 5775MHz_Ant1_NTNV



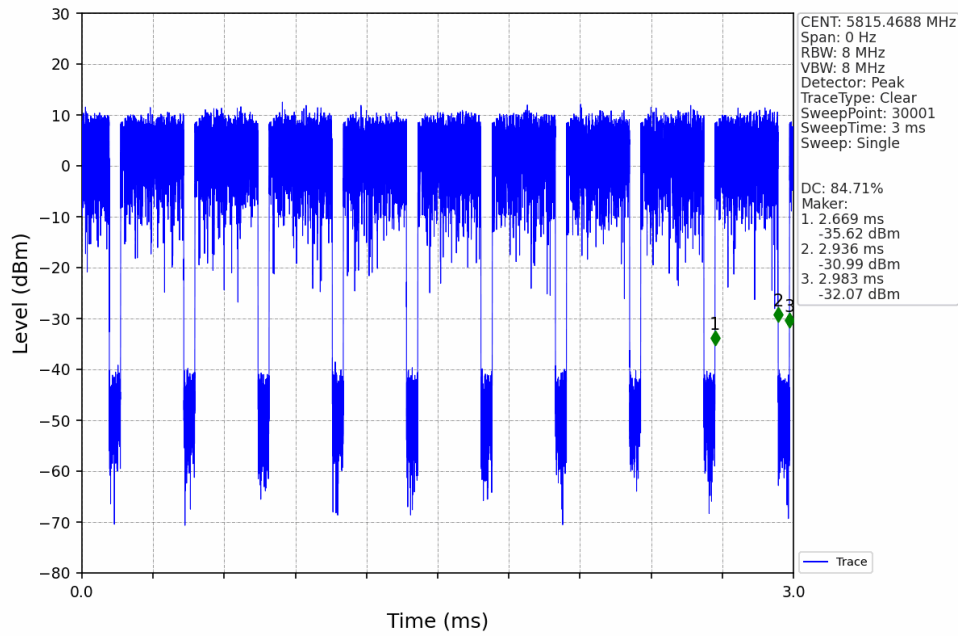
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



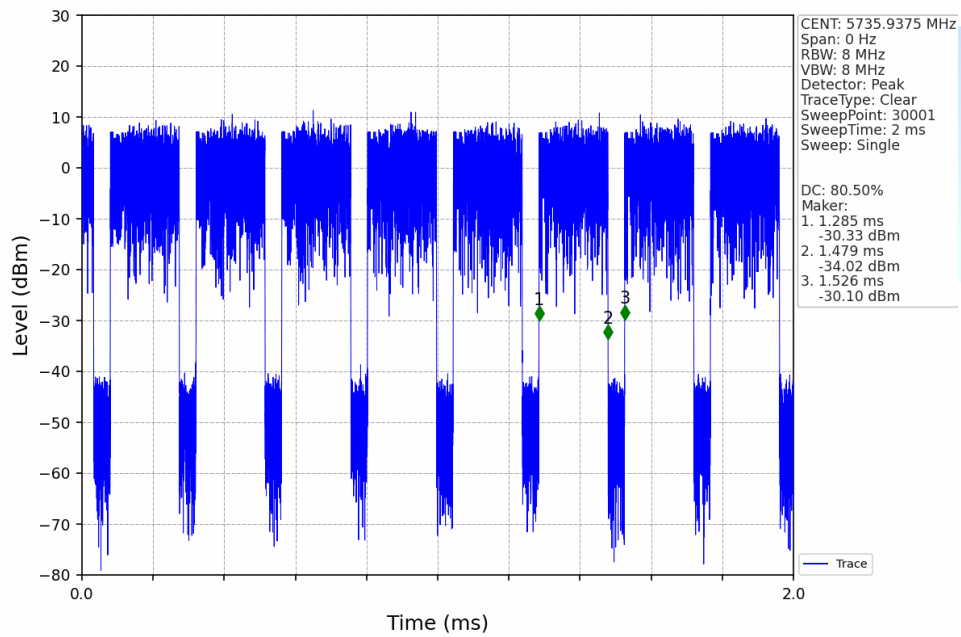
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



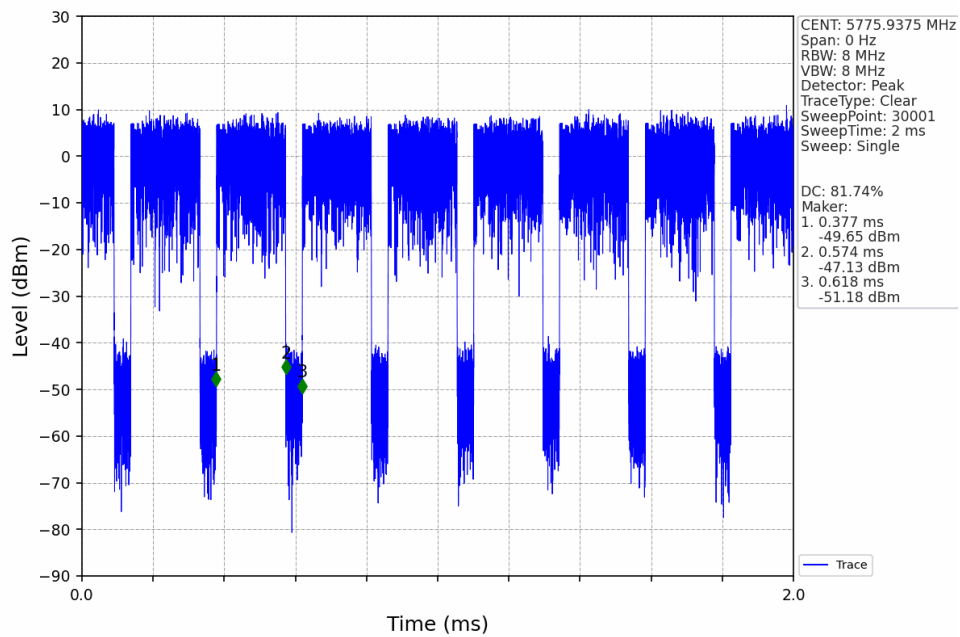
802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



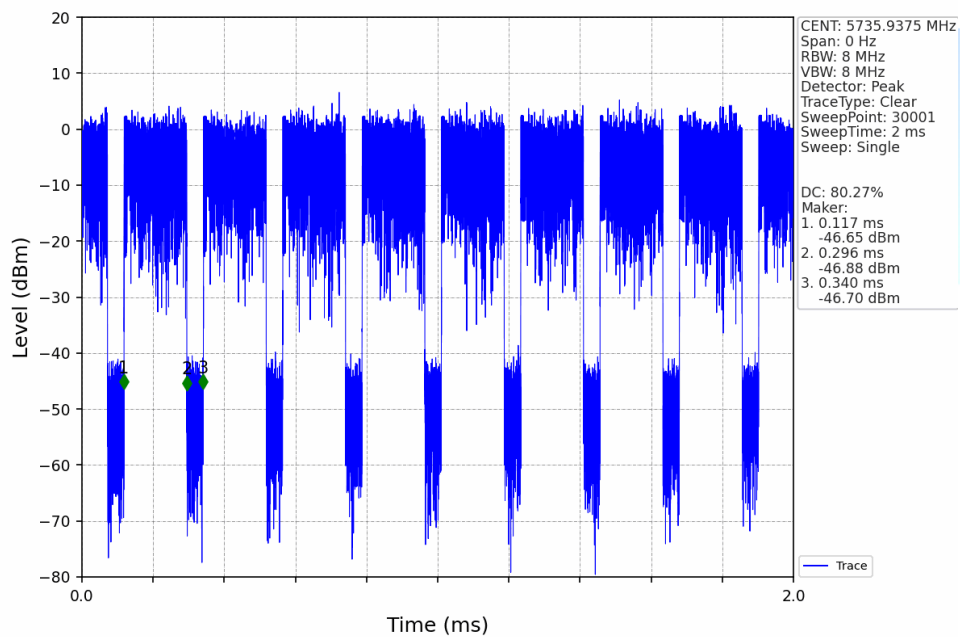
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



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	17.602	/	Pass
		5785	/	/	1	17.658	/	Pass
		5825	/	/	1	17.658	/	Pass
802.11n (HT20)	SISO	5745	/	/	1	18.697	/	Pass
		5785	/	/	1	18.739	/	Pass
		5825	/	/	1	18.764	/	Pass
802.11n (HT40)	SISO	5755	/	/	1	37.072	/	Pass
		5795	/	/	1	37.047	/	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	18.653	/	Pass
		5785	/	/	1	18.611	/	Pass
		5825	/	/	1	18.643	/	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.967	/	Pass
		5795	/	/	1	37.061	/	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	75.525	/	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	19.368	/	Pass
		5785	SU	/	1	19.460	/	Pass
		5825	SU	/	1	19.379	/	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	38.304	/	Pass
		5795	SU	/	1	38.156	/	Pass
802.11ax (HEW80)	SISO	5775	SU	/	1	75.650	/	Pass

2.1.2 6dB BW

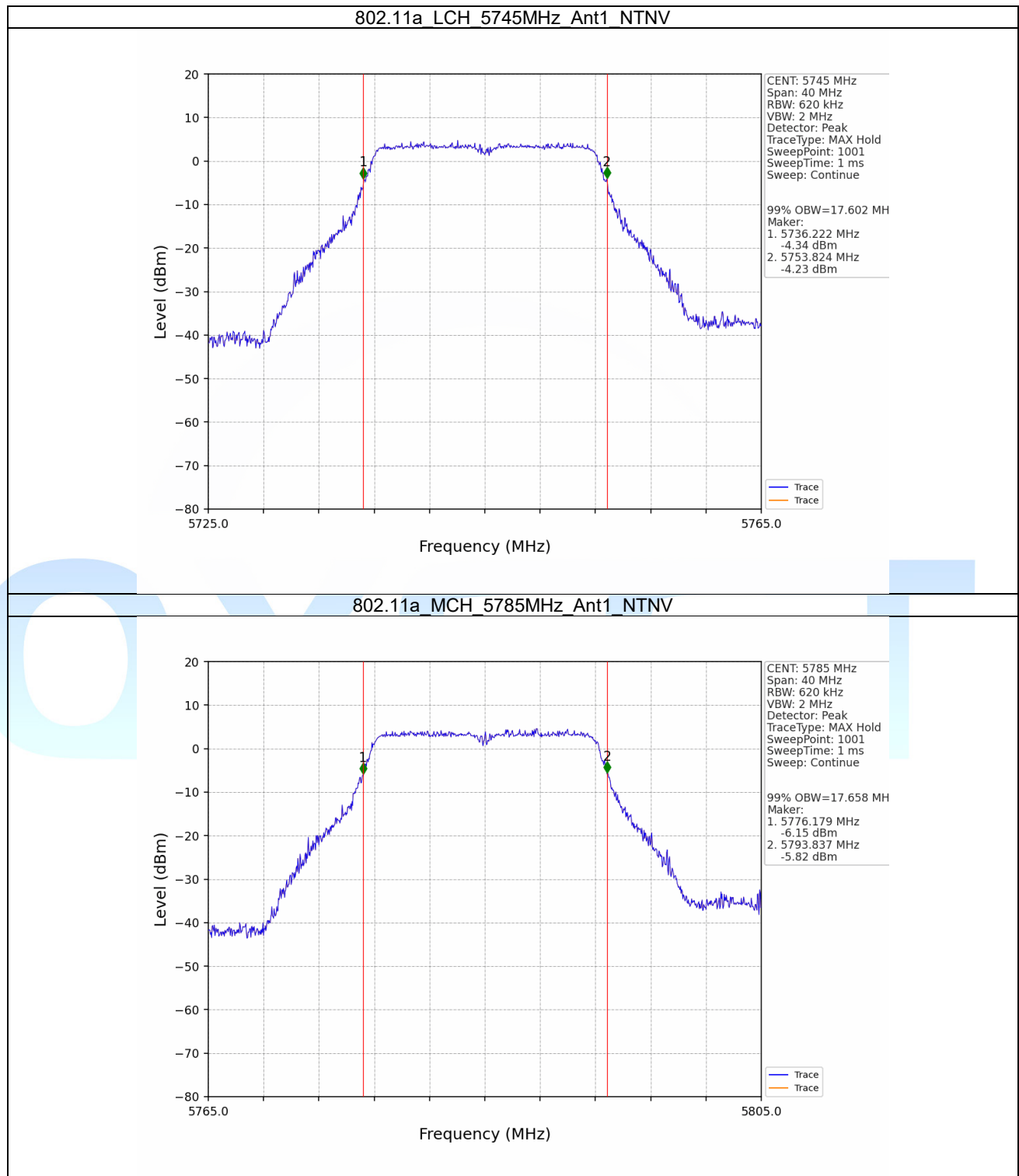
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.355	≥ 0.5	Pass
		5785	/	/	1	16.364	≥ 0.5	Pass
		5825	/	/	1	16.357	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.576	≥ 0.5	Pass
		5785	/	/	1	17.593	≥ 0.5	Pass
		5825	/	/	1	17.596	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.379	≥ 0.5	Pass
		5795	/	/	1	36.372	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.592	≥ 0.5	Pass
		5785	/	/	1	17.580	≥ 0.5	Pass
		5825	/	/	1	17.594	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.337	≥ 0.5	Pass
		5795	/	/	1	36.369	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	75.091	≥ 0.5	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	18.509	≥ 0.5	Pass
		5785	SU	/	1	18.814	≥ 0.5	Pass
		5825	SU	/	1	18.610	≥ 0.5	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	37.813	≥ 0.5	Pass
		5795	SU	/	1	37.680	≥ 0.5	Pass
802.11ax	SISO	5775	SU	/	1	75.089	≥ 0.5	Pass

(HEW80)								
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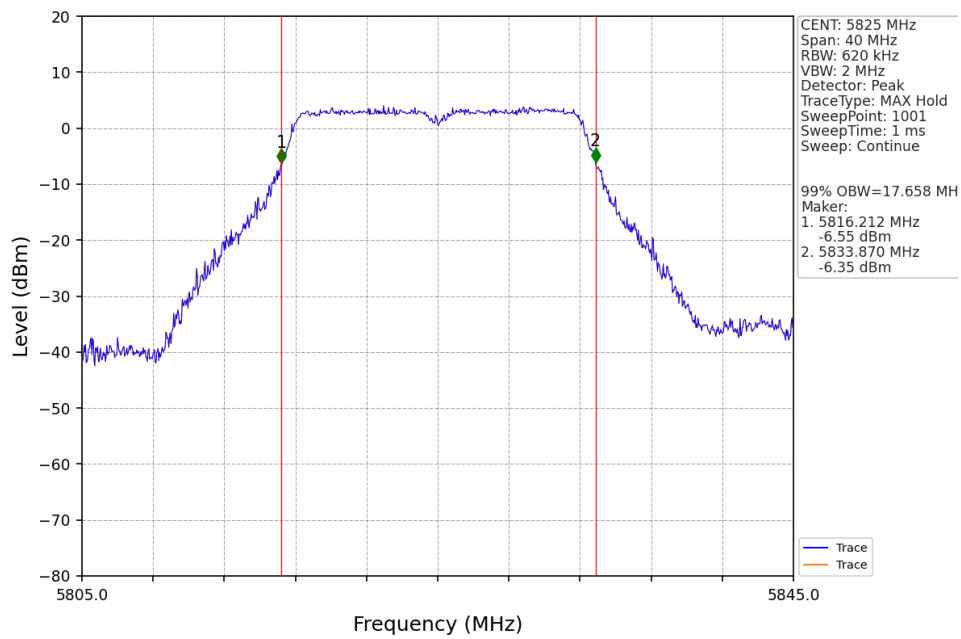


2.2 Test Graph

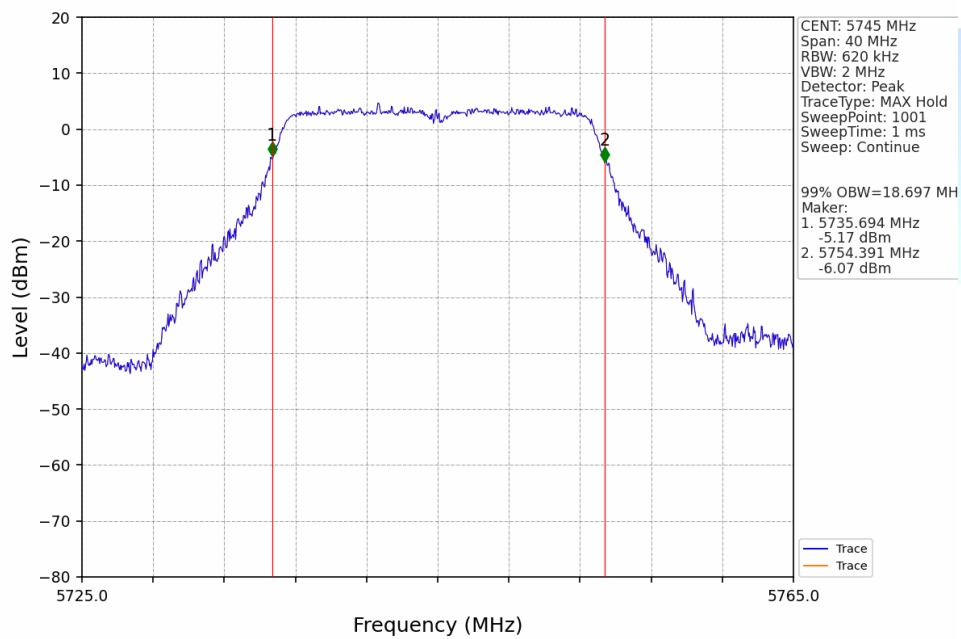
2.2.1 OBW



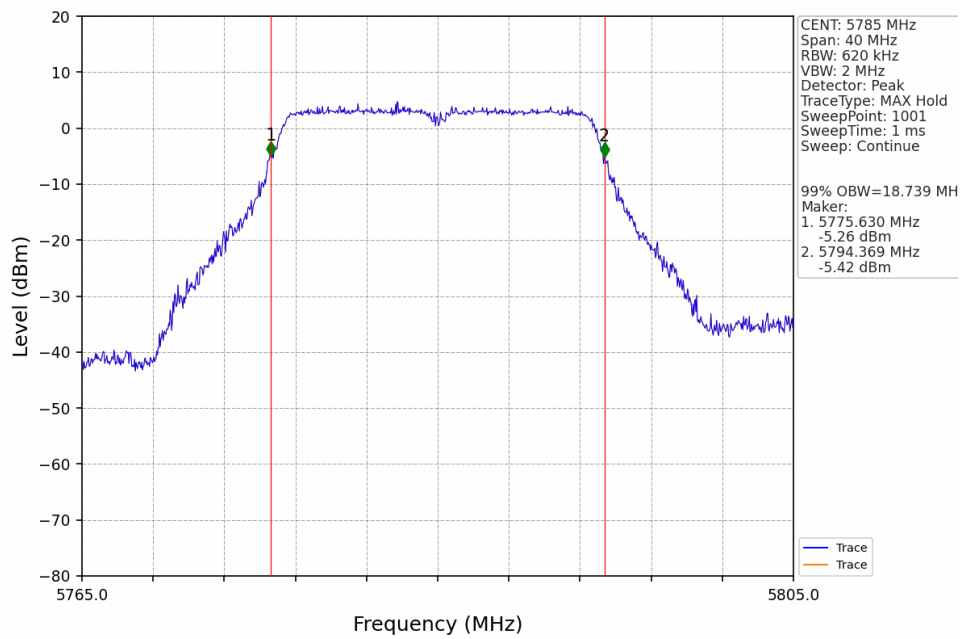
802.11a_HCH_5825MHz_Ant1_NTNV



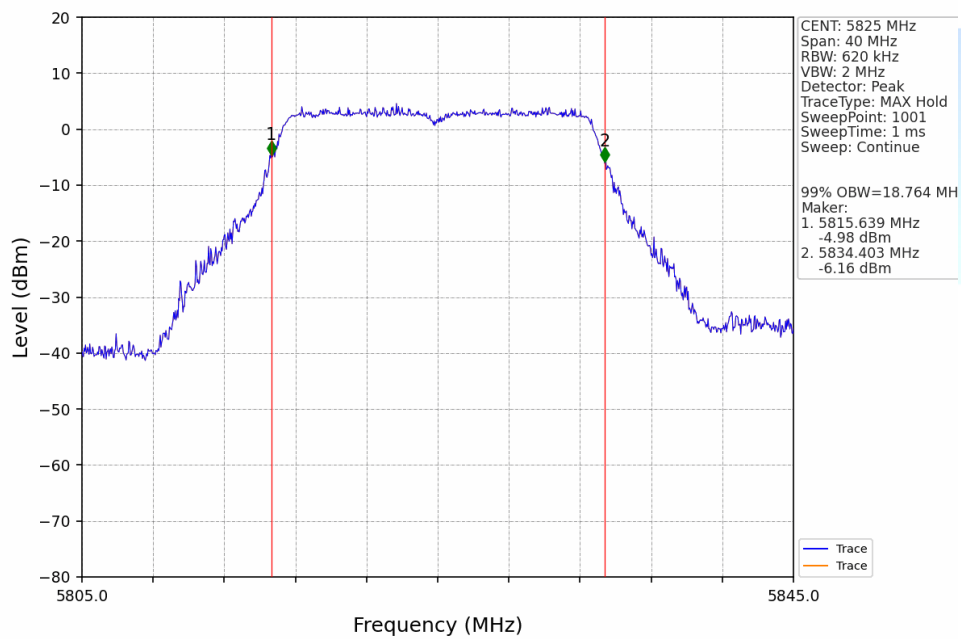
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



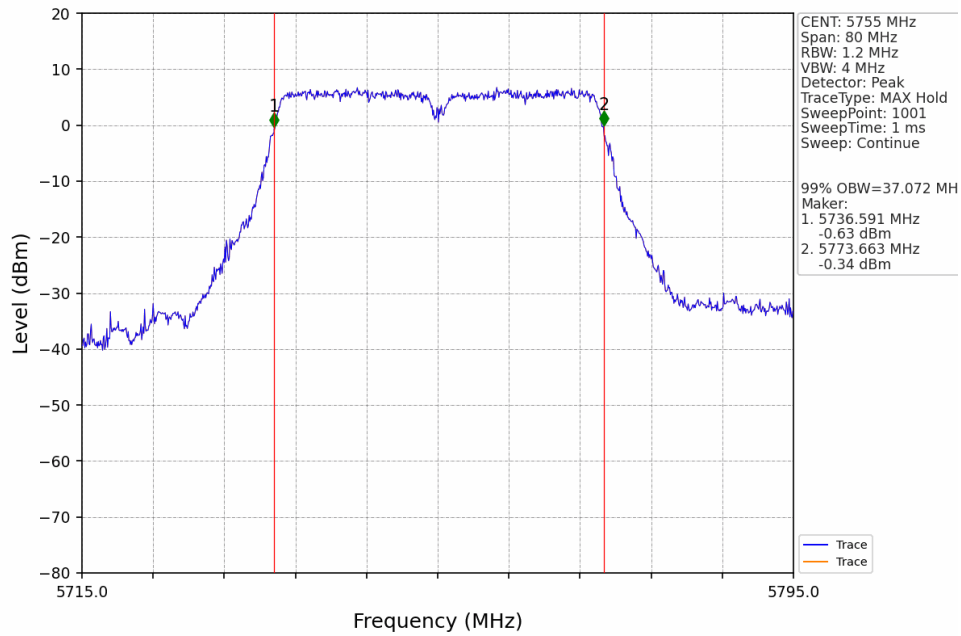
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



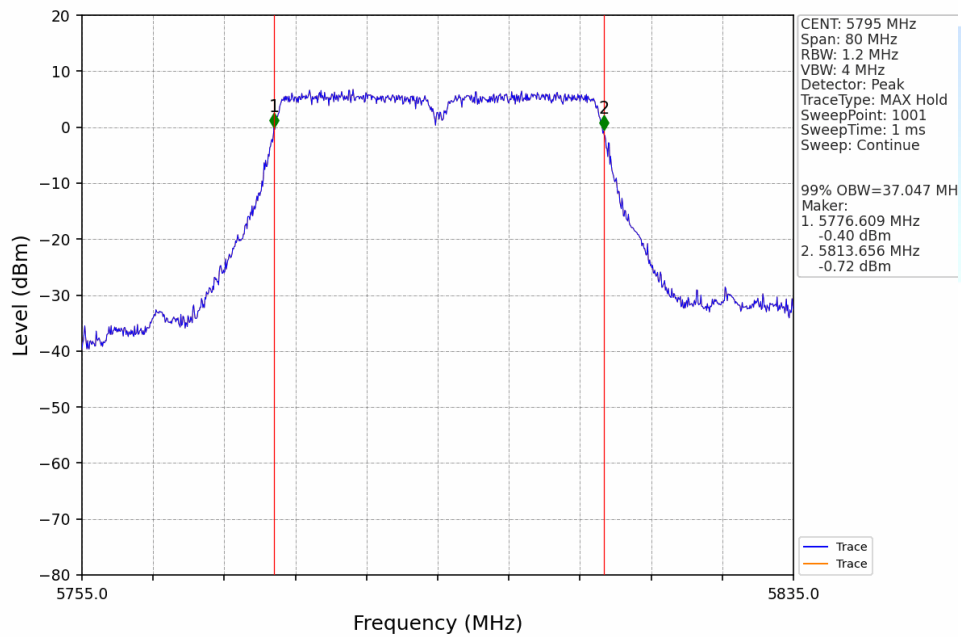
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



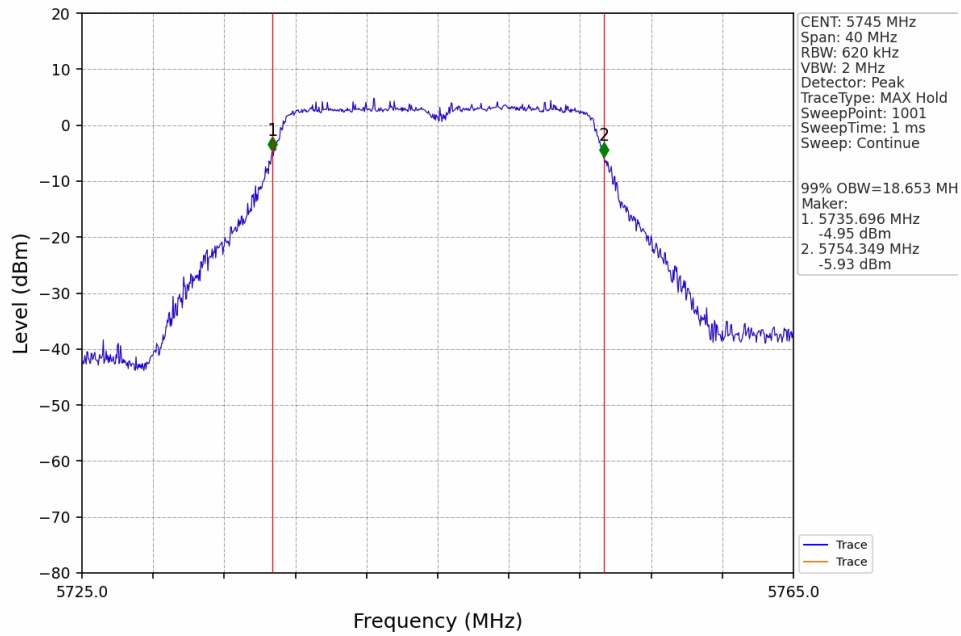
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



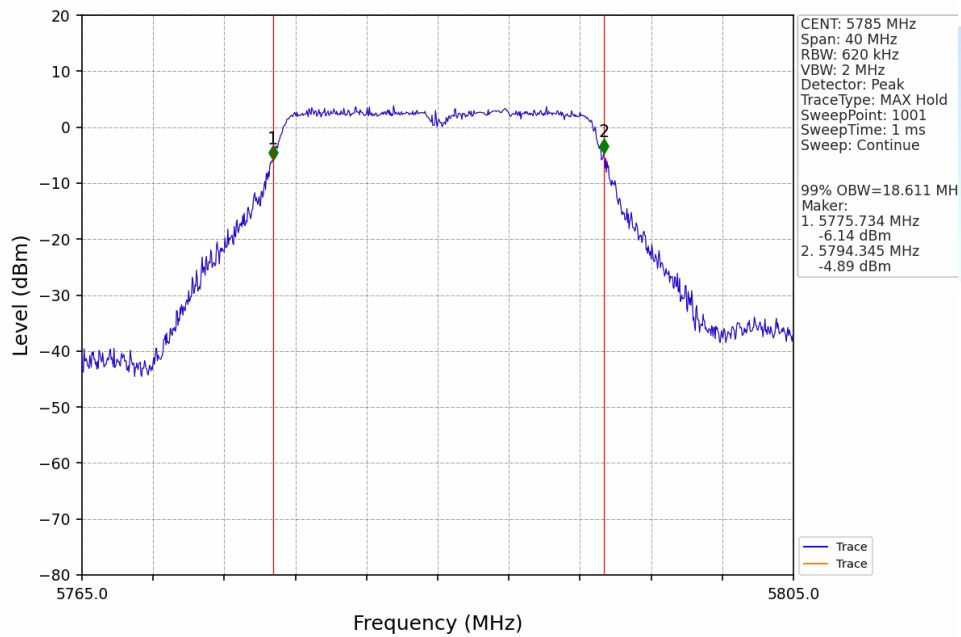
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



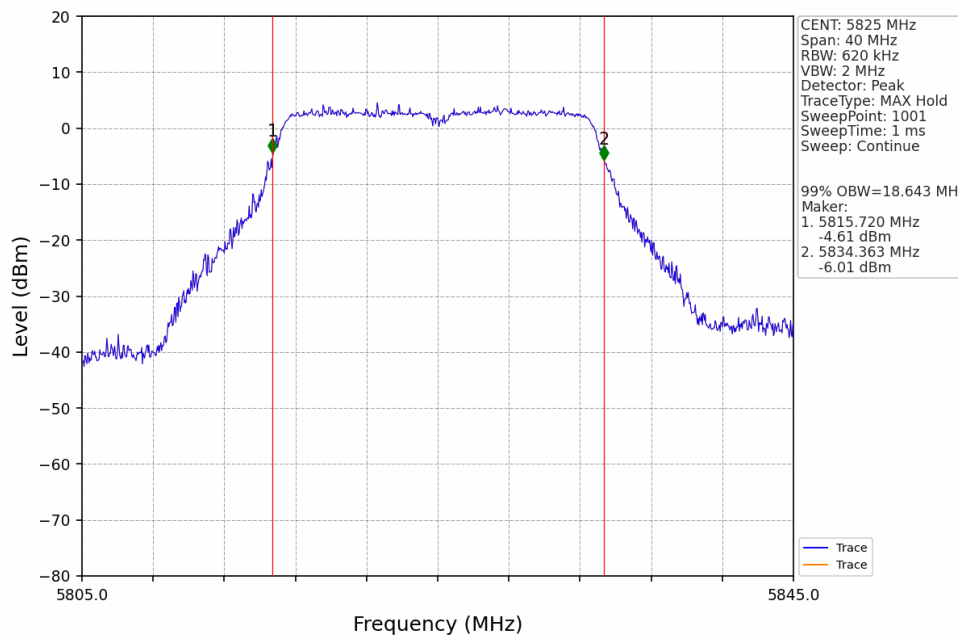
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



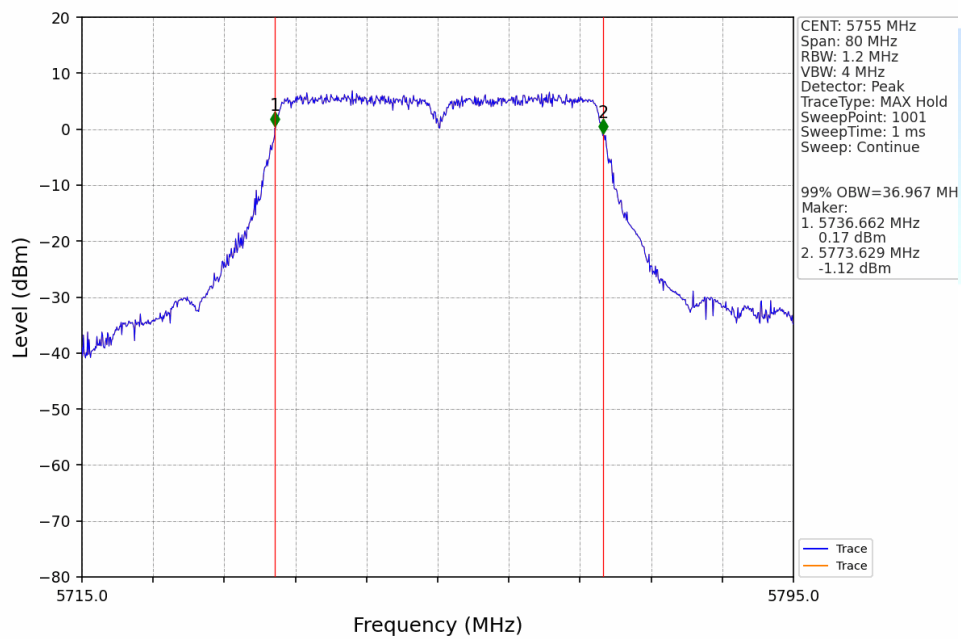
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



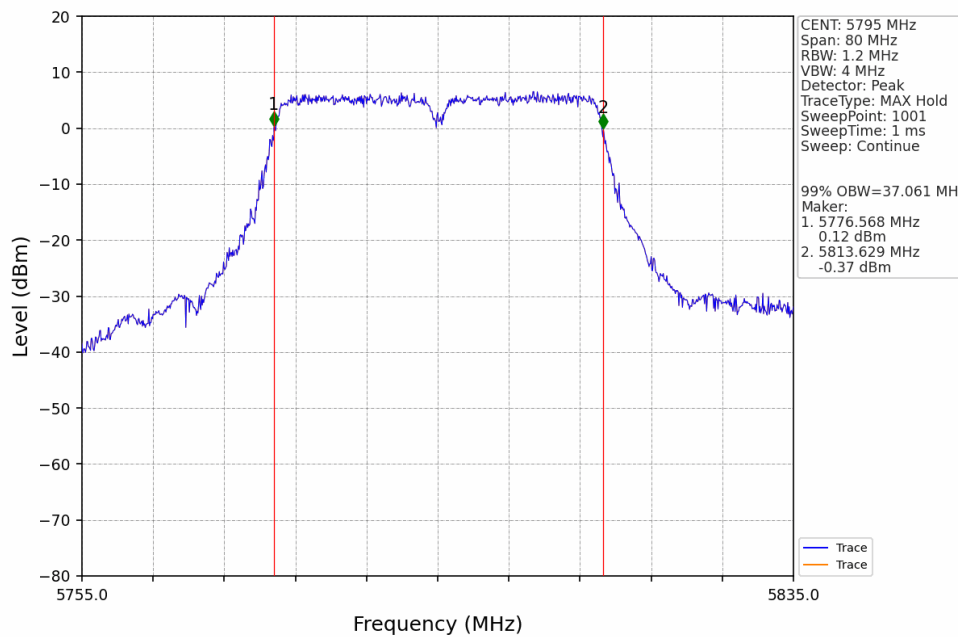
802.11ac(VHT20) HCH 5825MHz Ant1_NTNV



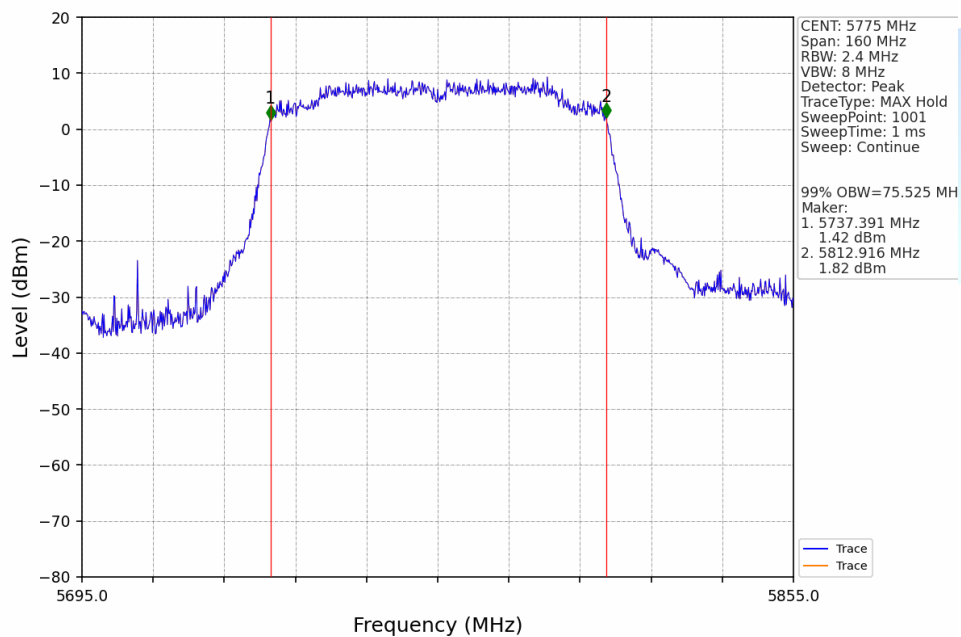
802.11ac(VHT40) LCH 5755MHz Ant1_NTNV



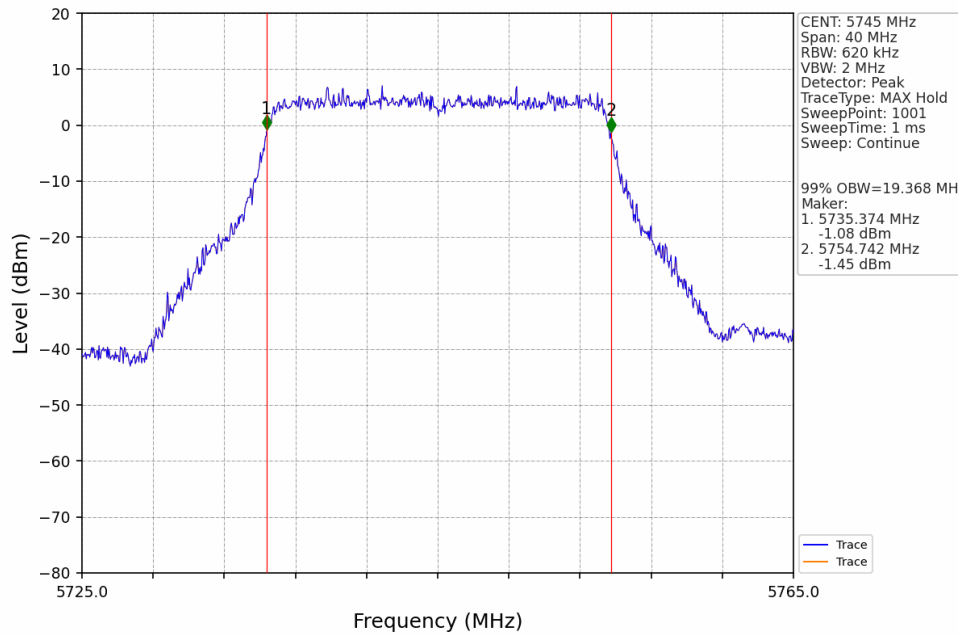
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



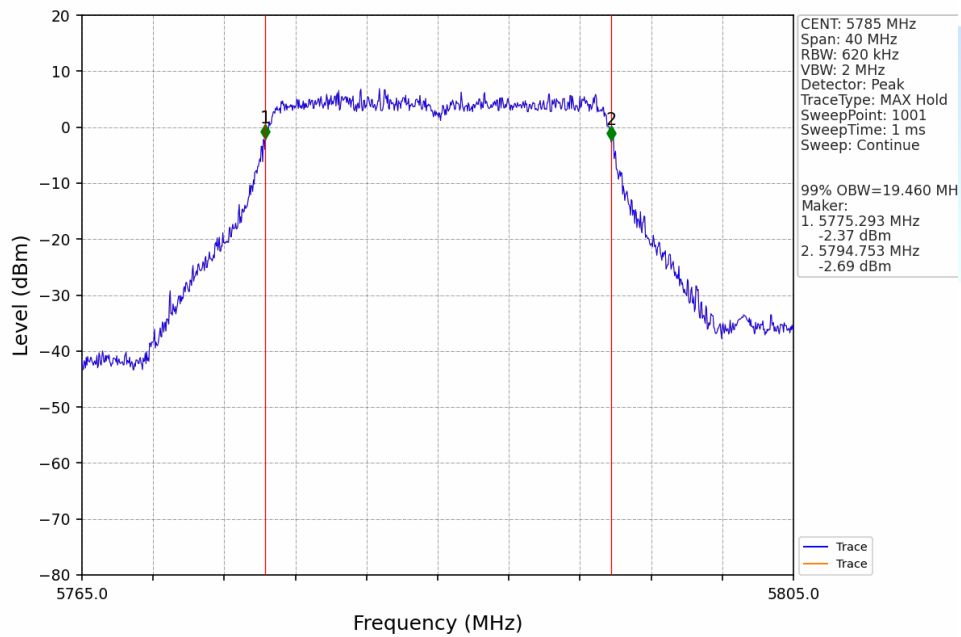
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



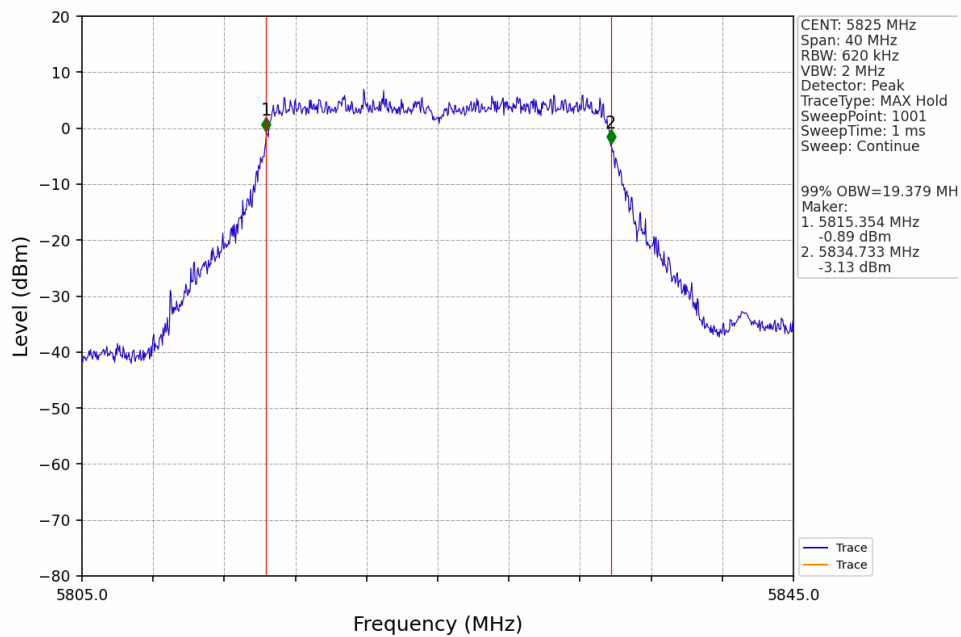
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



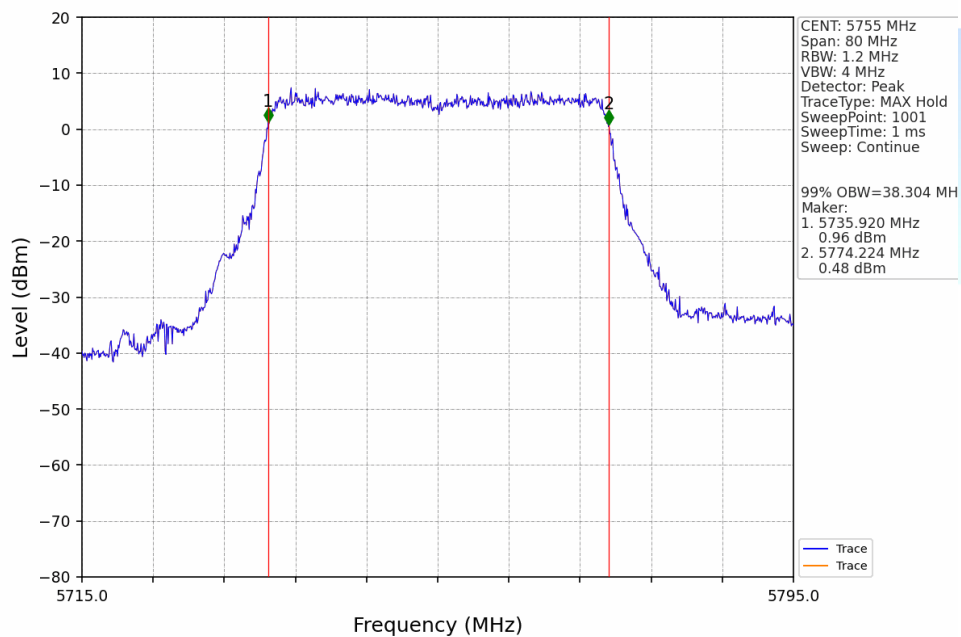
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



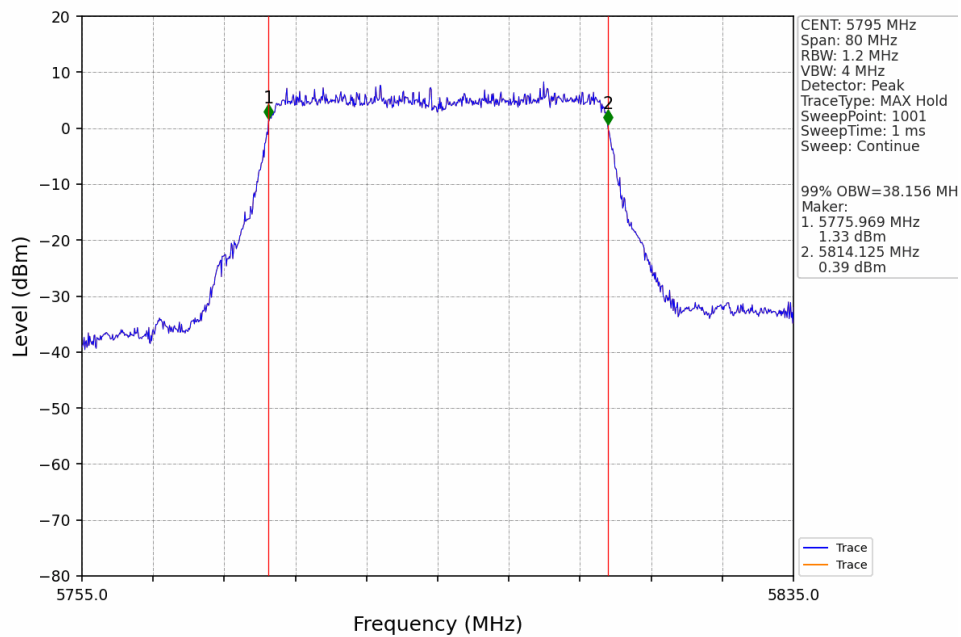
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



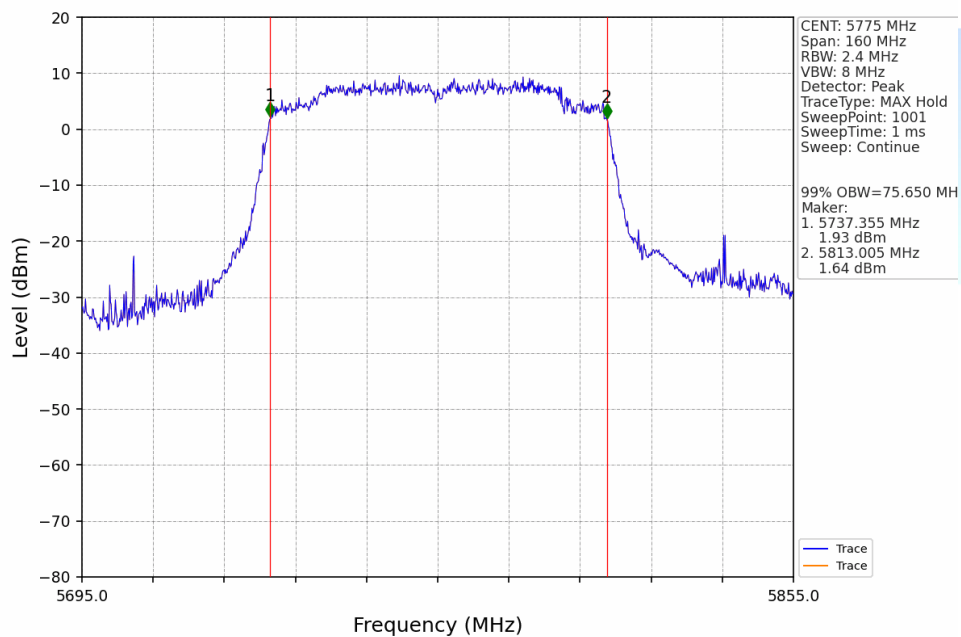
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



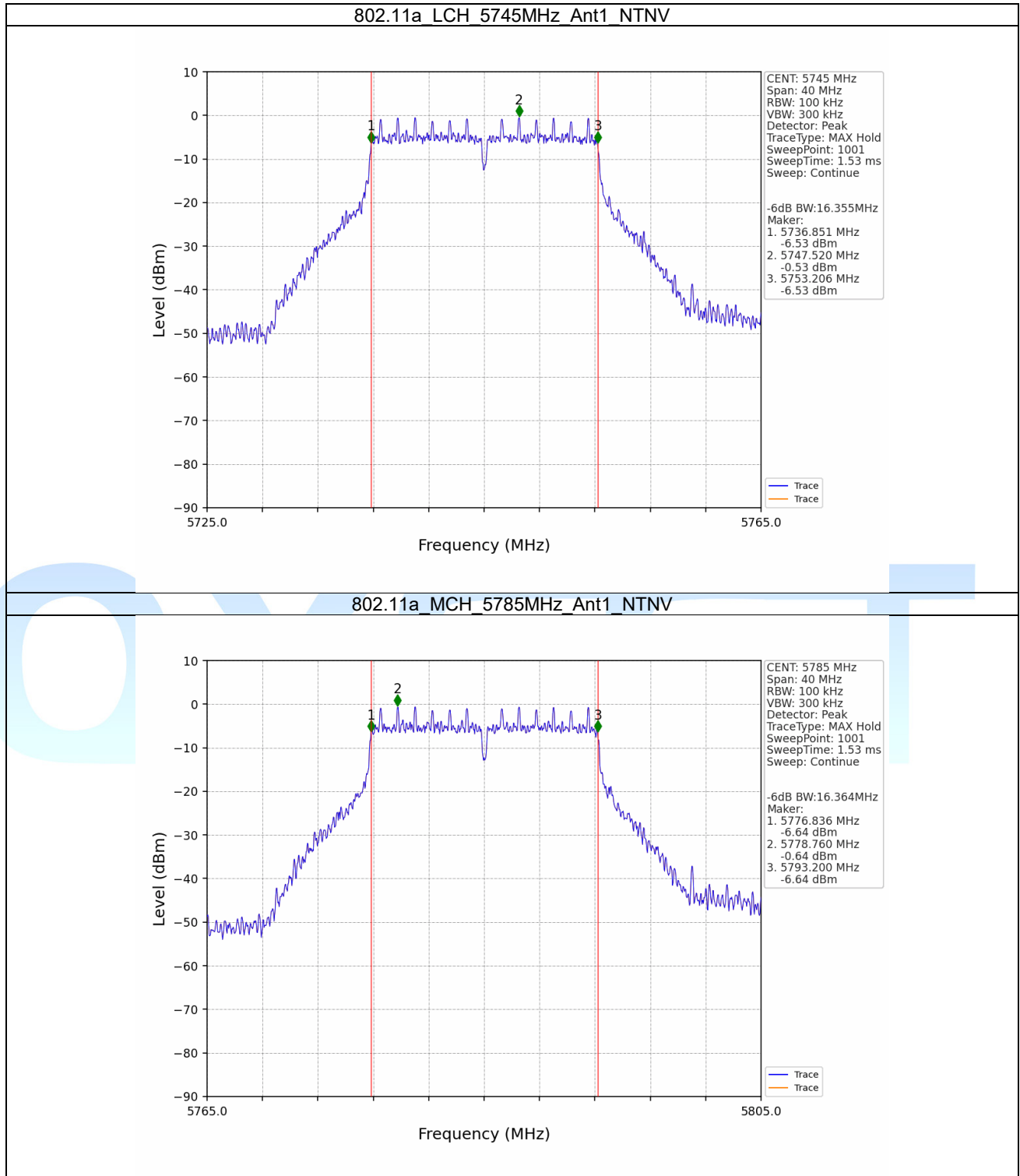
802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



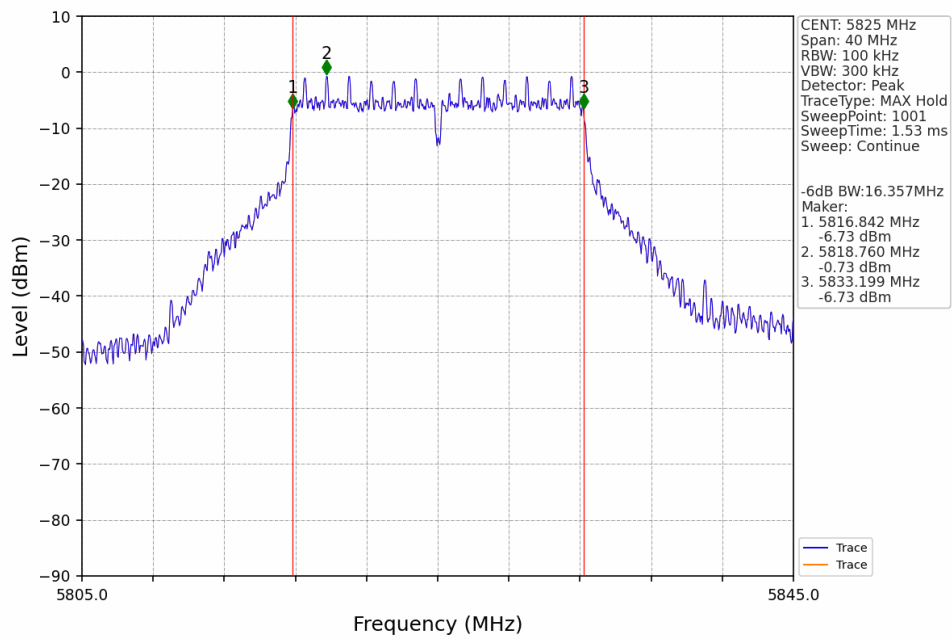
802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



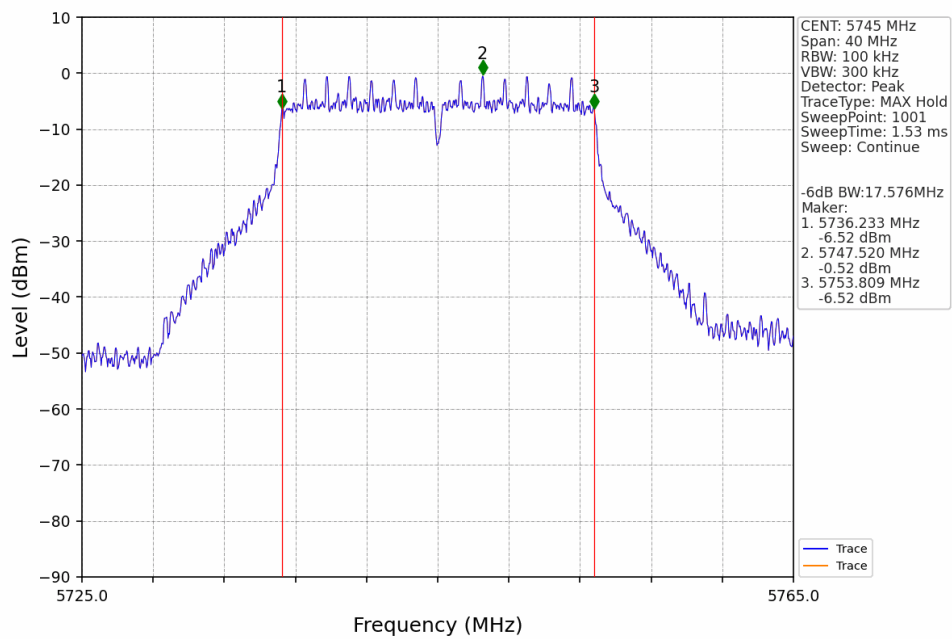
2.2.2 6dB BW



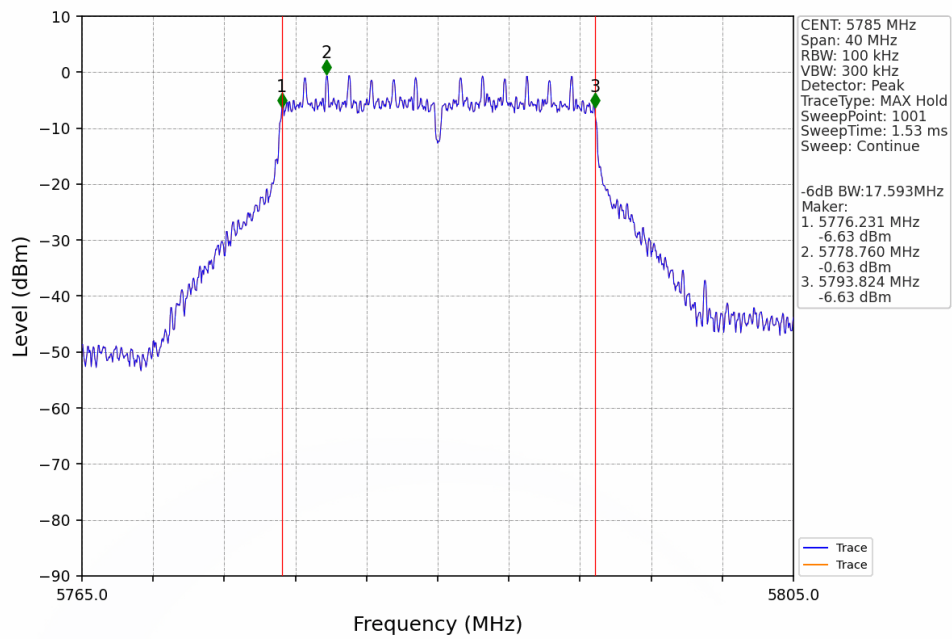
802.11a_HCH_5825MHz_Ant1_NTNV



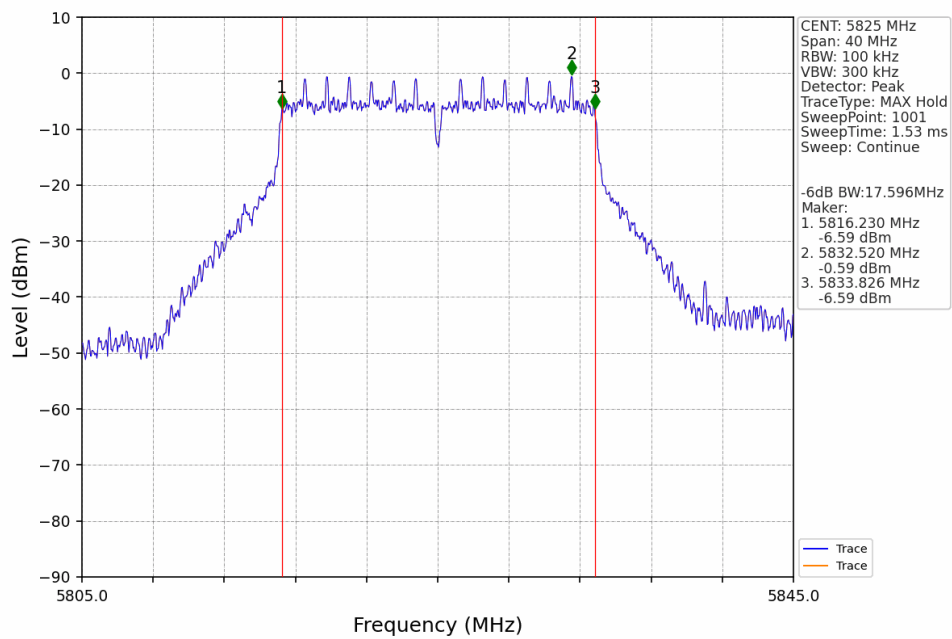
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



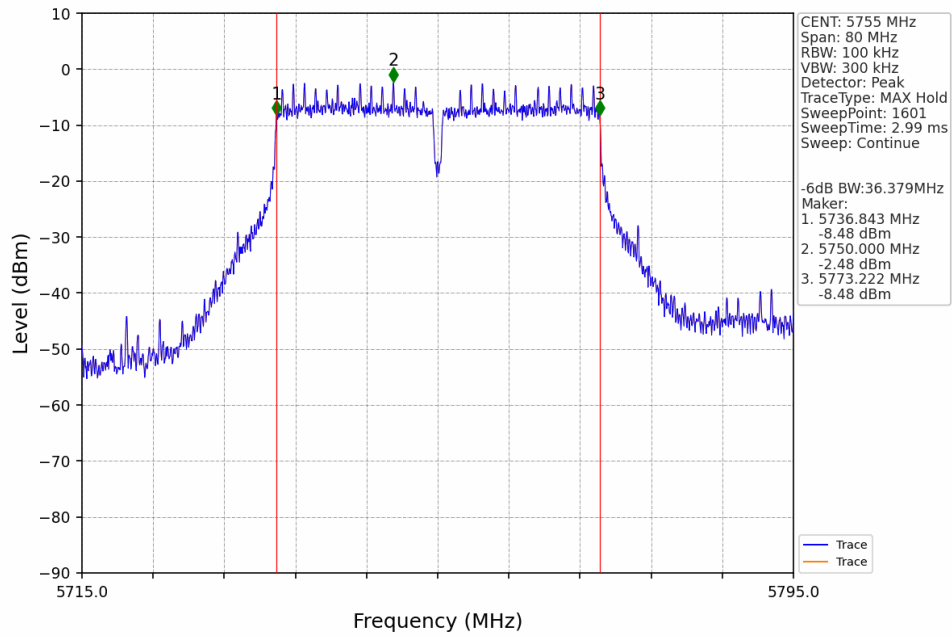
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



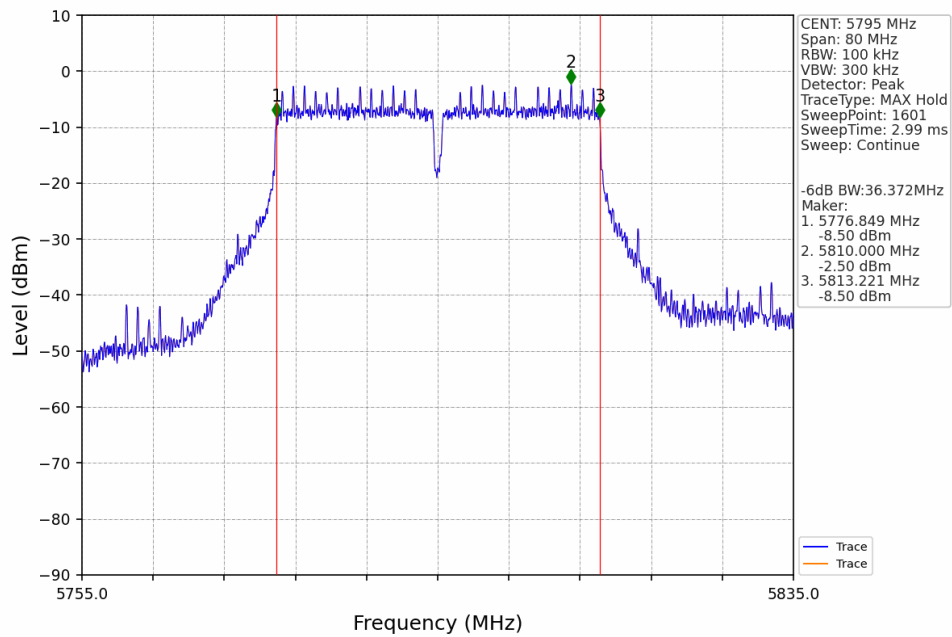
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



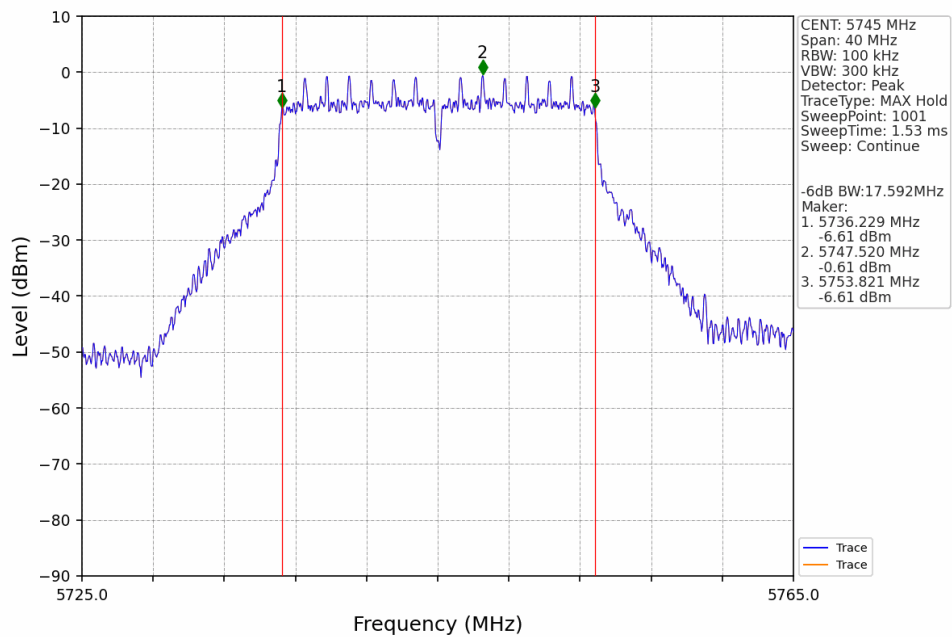
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



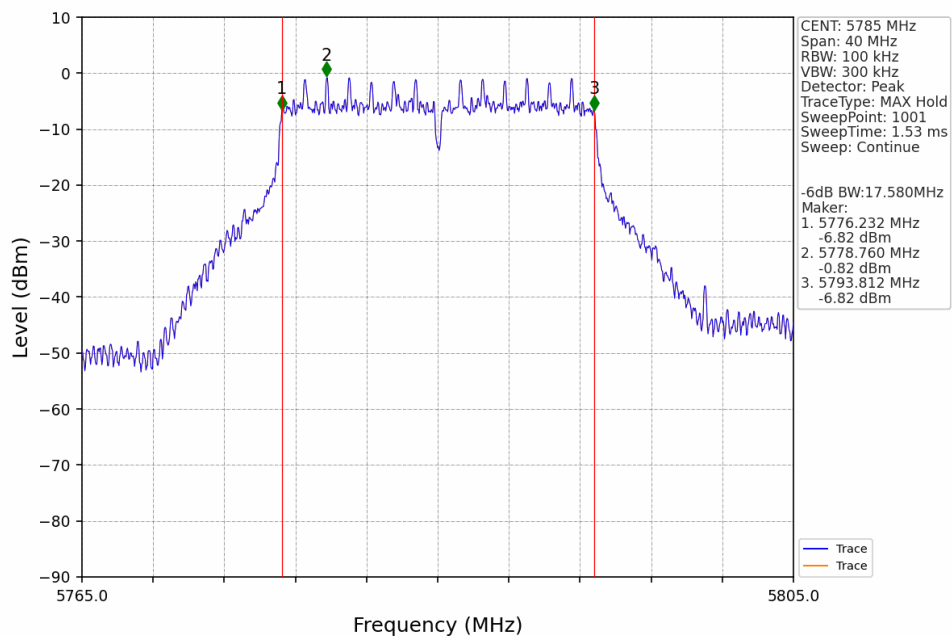
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



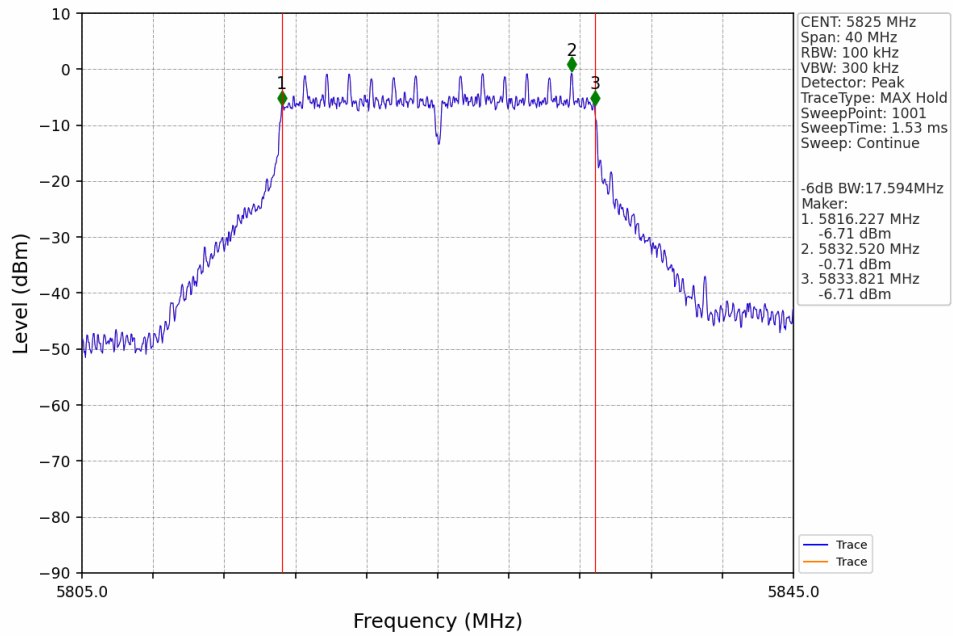
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



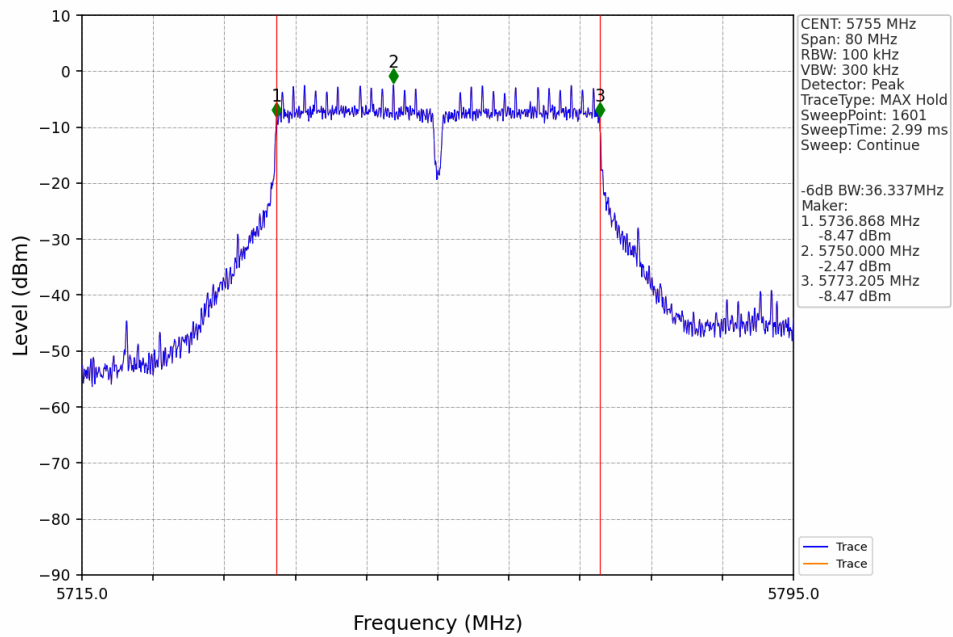
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



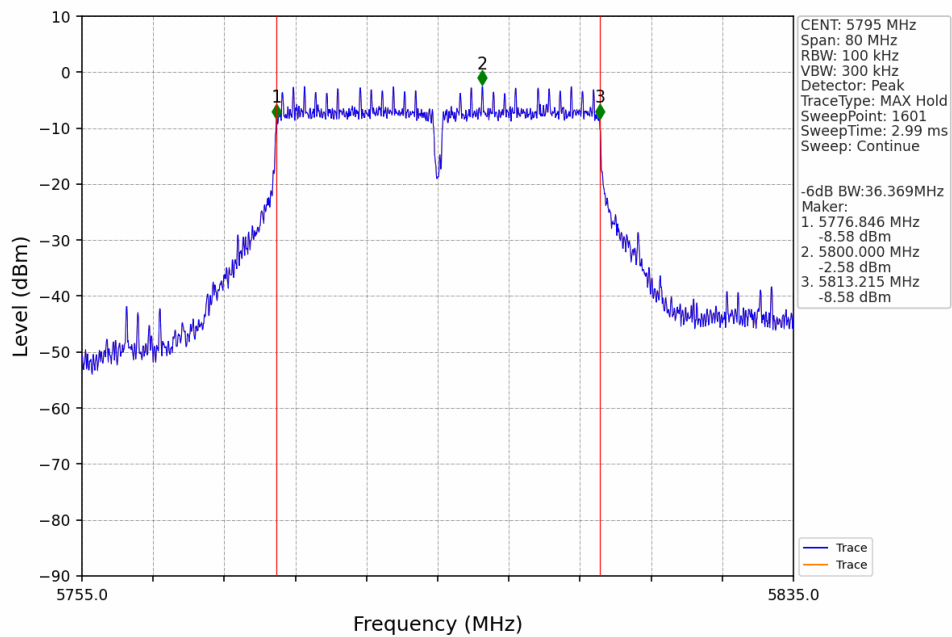
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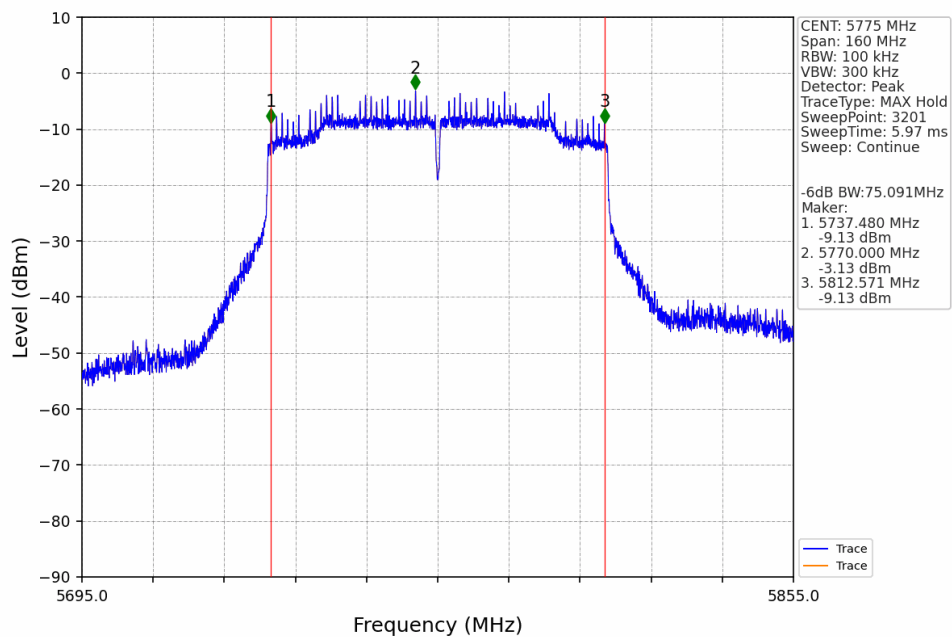
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



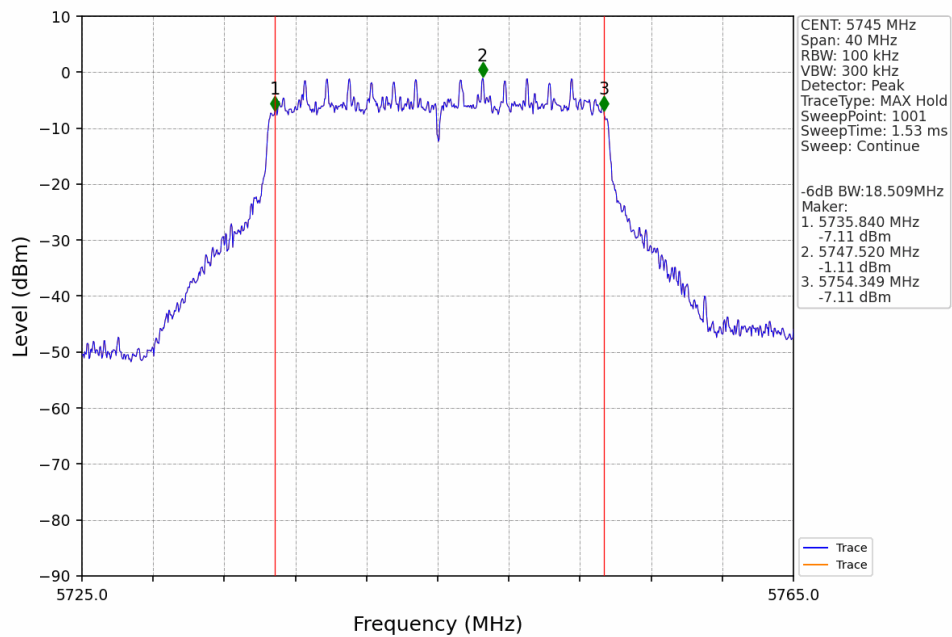
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



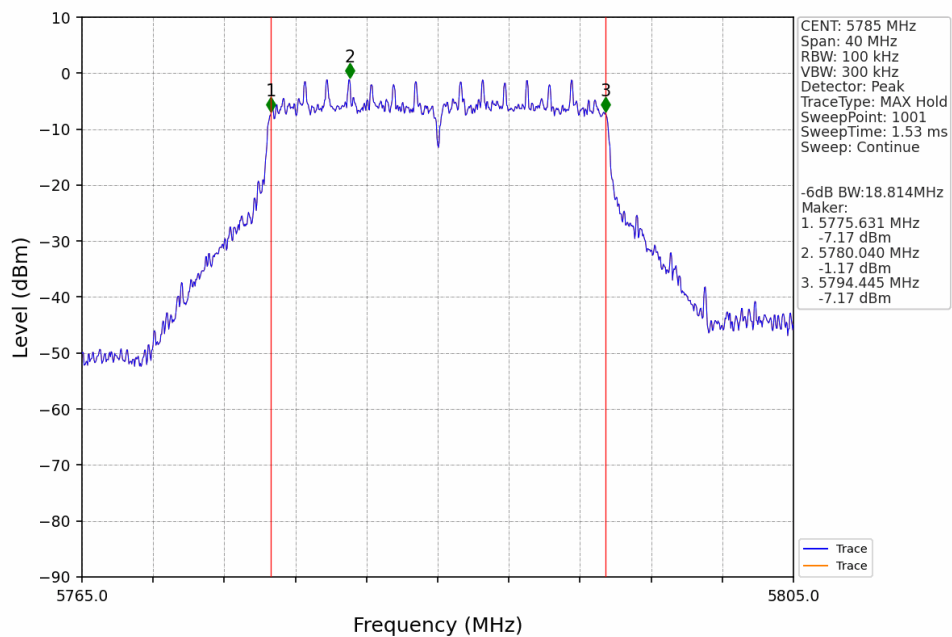
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



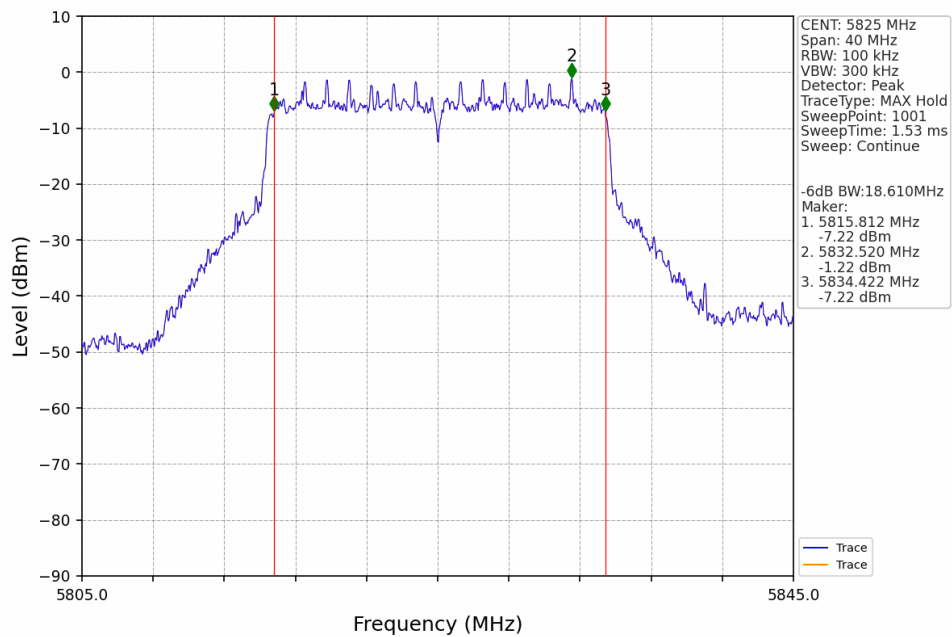
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



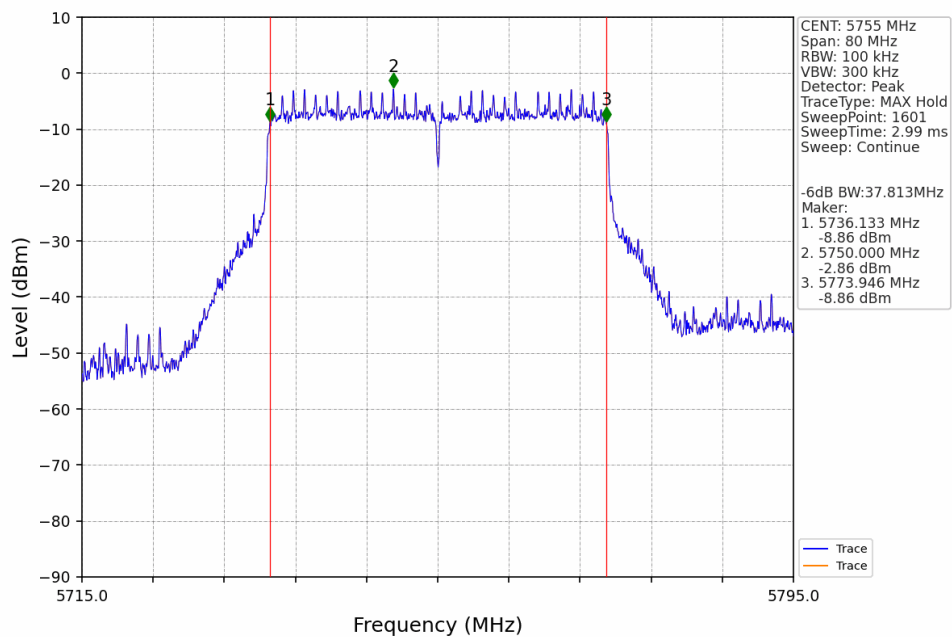
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



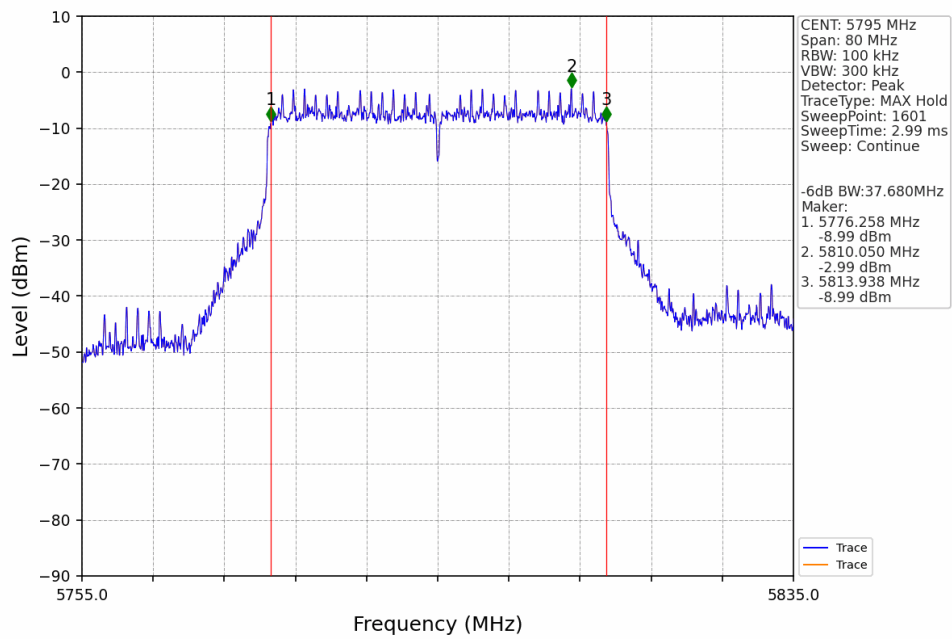
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



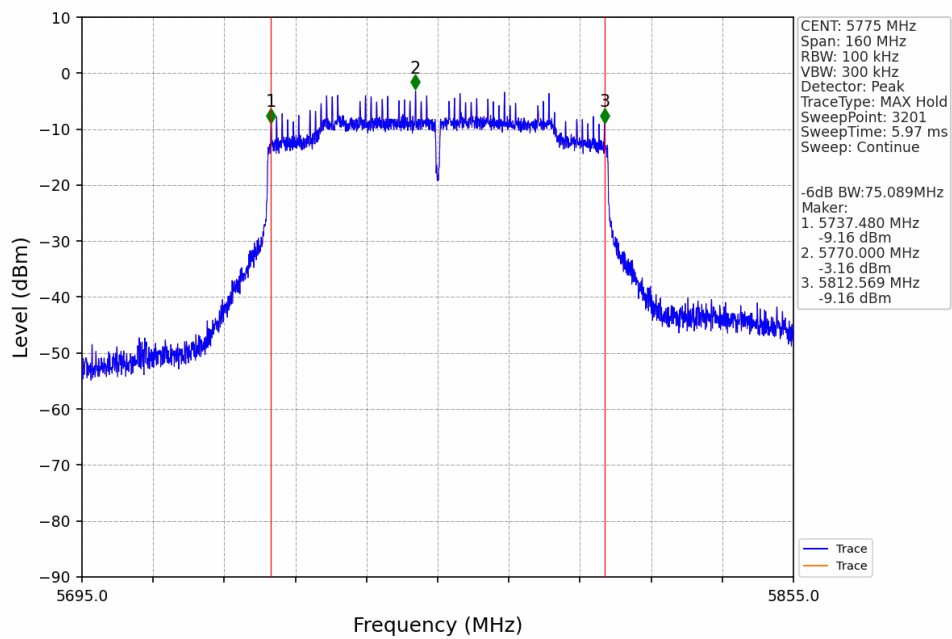
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



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	/	/	10.22	<=30	Pass
		5785	/	/	10.15	<=30	Pass
		5825	/	/	10.05	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	10.12	<=30	Pass
		5785	/	/	10.06	<=30	Pass
		5825	/	/	10.05	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	11.42	<=30	Pass
		5795	/	/	11.28	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	9.98	<=30	Pass
		5785	/	/	9.84	<=30	Pass
		5825	/	/	9.85	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	11.23	<=30	Pass
		5795	/	/	11.17	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	11.76	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	9.74	<=30	Pass
		5785	SU	/	9.74	<=30	Pass
		5825	SU	/	9.59	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	11.00	<=30	Pass
		5795	SU	/	10.87	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	11.71	<=30	Pass
Note1: Antenna Gain: Ant1: 1.78dBi;							

4. Maximum Power Spectral Density

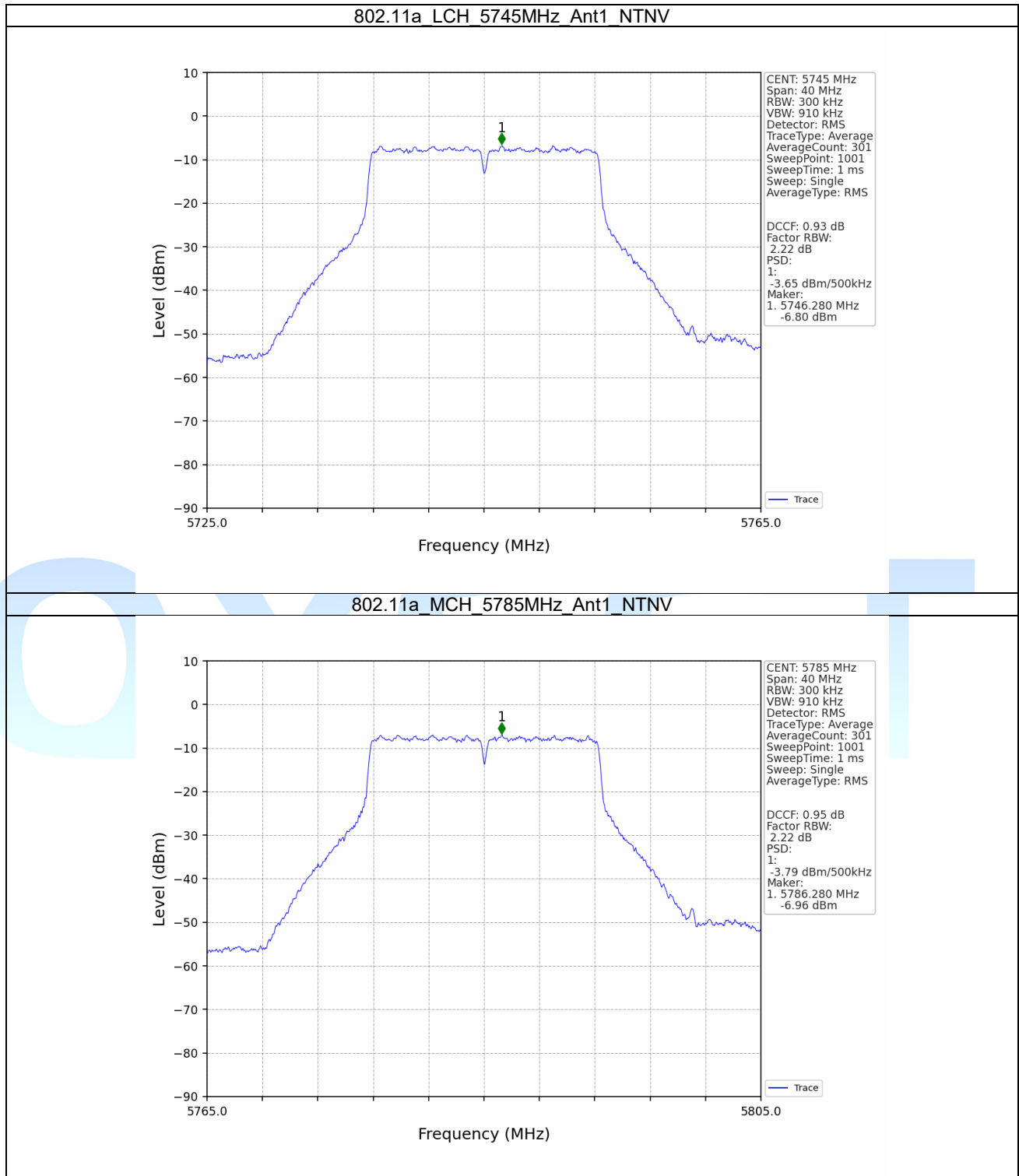
4.1 Test Result

4.1.1 PSD-Band3

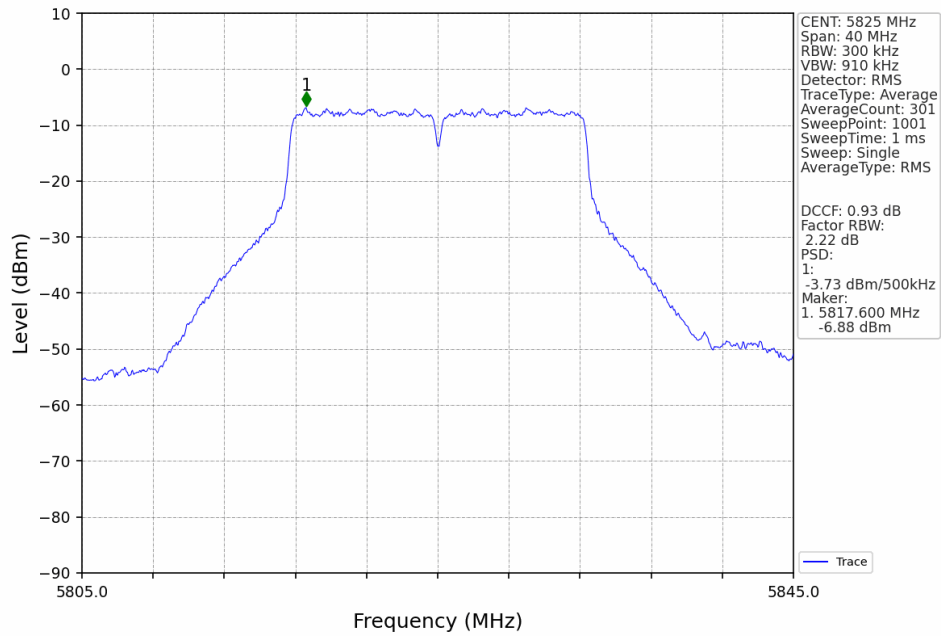
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-3.65	<=30	Pass
		5785	/	/	-3.79	<=30	Pass
		5825	/	/	-3.73	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-3.33	<=30	Pass
		5785	/	/	-3.57	<=30	Pass
		5825	/	/	-3.79	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-5.65	<=30	Pass
		5795	/	/	-5.59	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-3.65	<=30	Pass
		5785	/	/	-4.04	<=30	Pass
		5825	/	/	-4.03	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-5.61	<=30	Pass
		5795	/	/	-5.75	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-7.56	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-4.22	<=30	Pass
		5785	SU	/	-4.62	<=30	Pass
		5825	SU	/	-4.61	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-5.96	<=30	Pass
		5795	SU	/	-6.17	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-7.32	<=30	Pass
Note1: Antenna Gain: Ant1: 1.78dBi;							
Note2: Test result contains DCCF and RBW Factor(RBW Factor=10*log(500kHz/300kHz=2.22)							

4.2 Test Graph

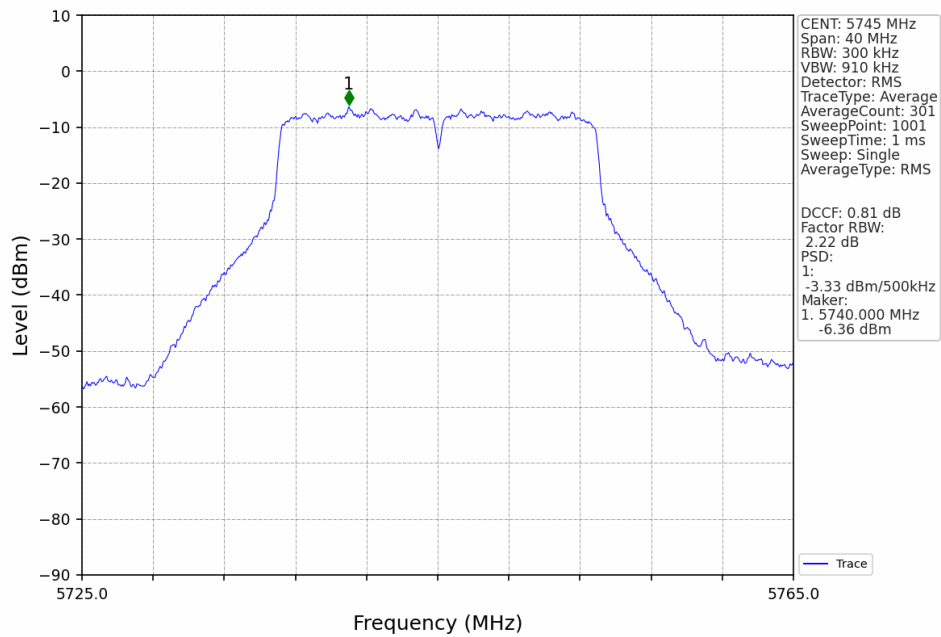
4.2.1 PSD-Band3



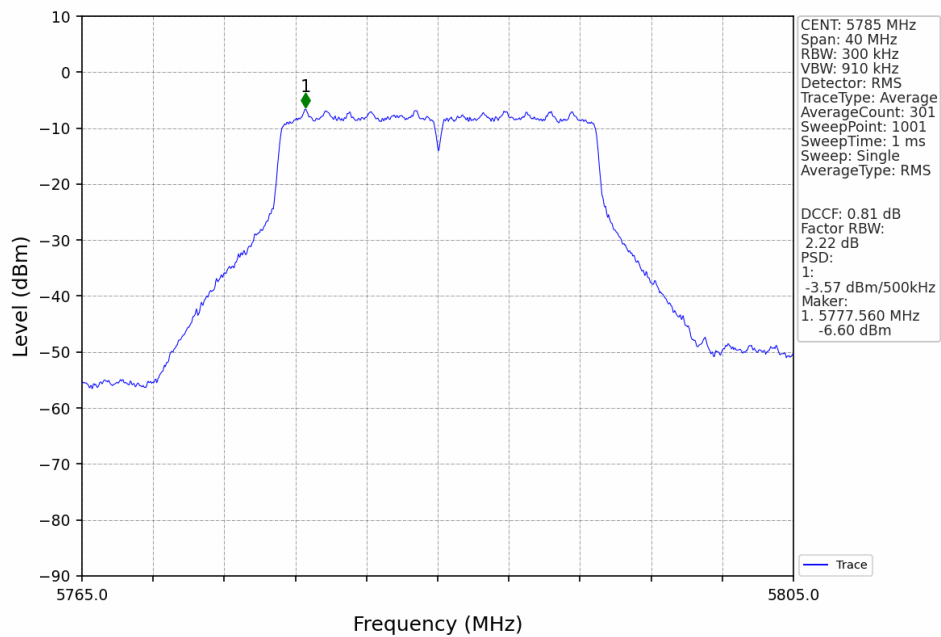
802.11a_HCH_5825MHz_Ant1_NTNV



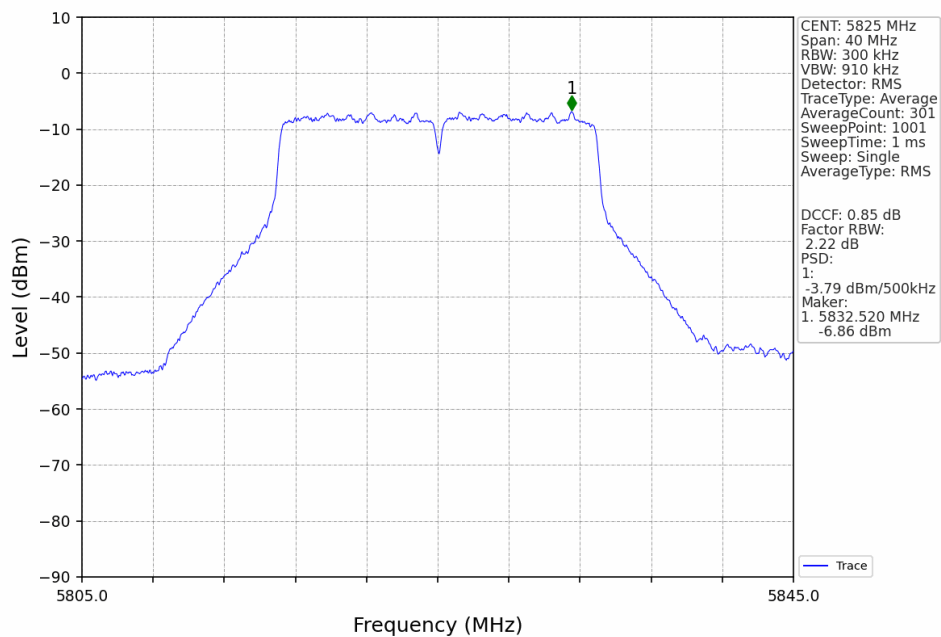
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



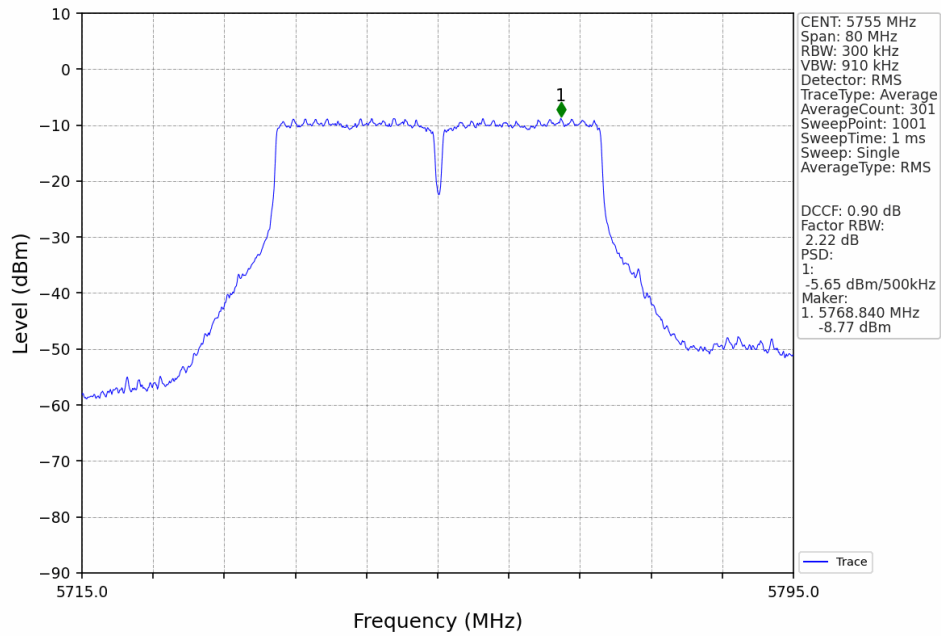
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



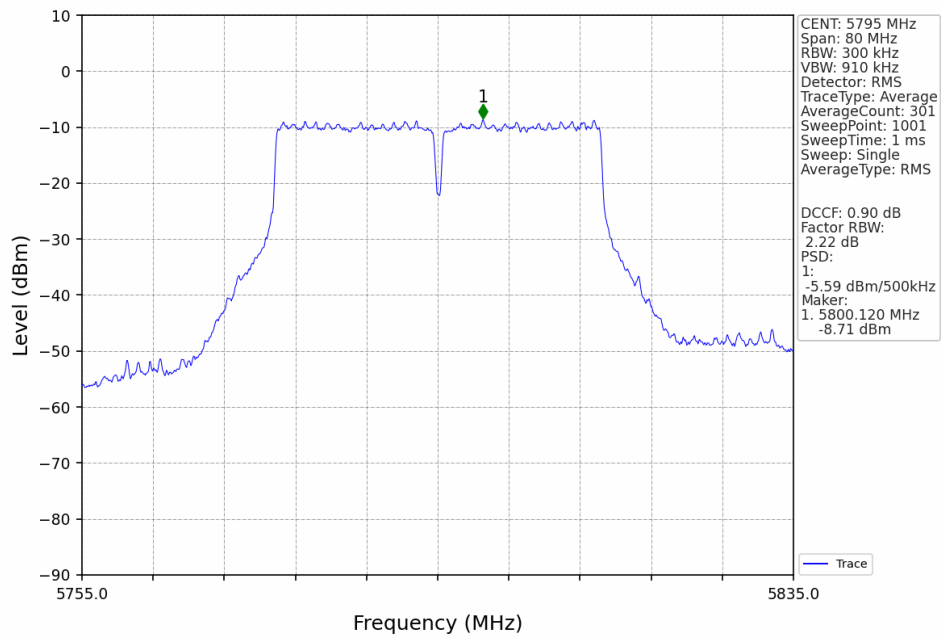
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



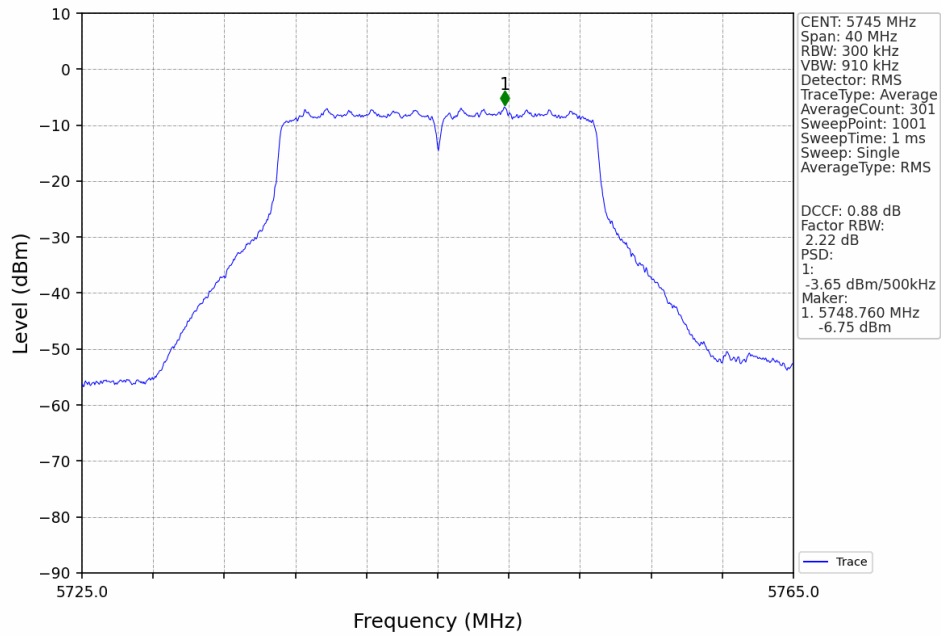
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



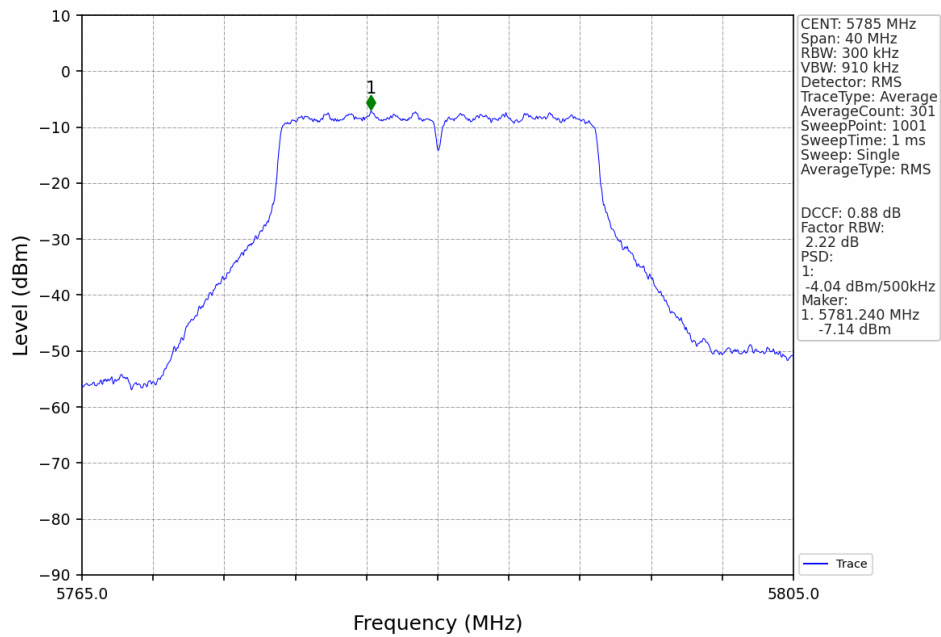
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



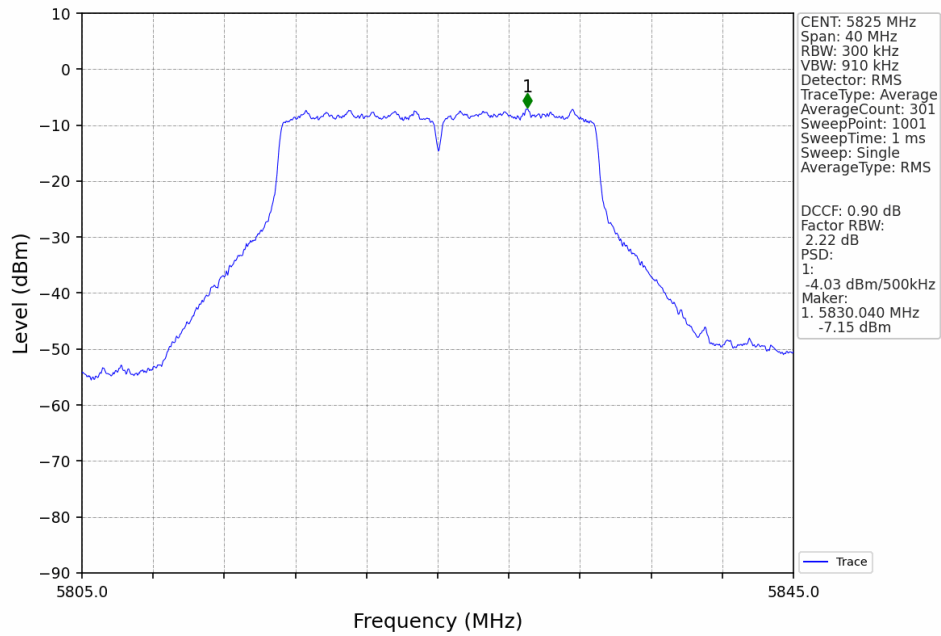
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



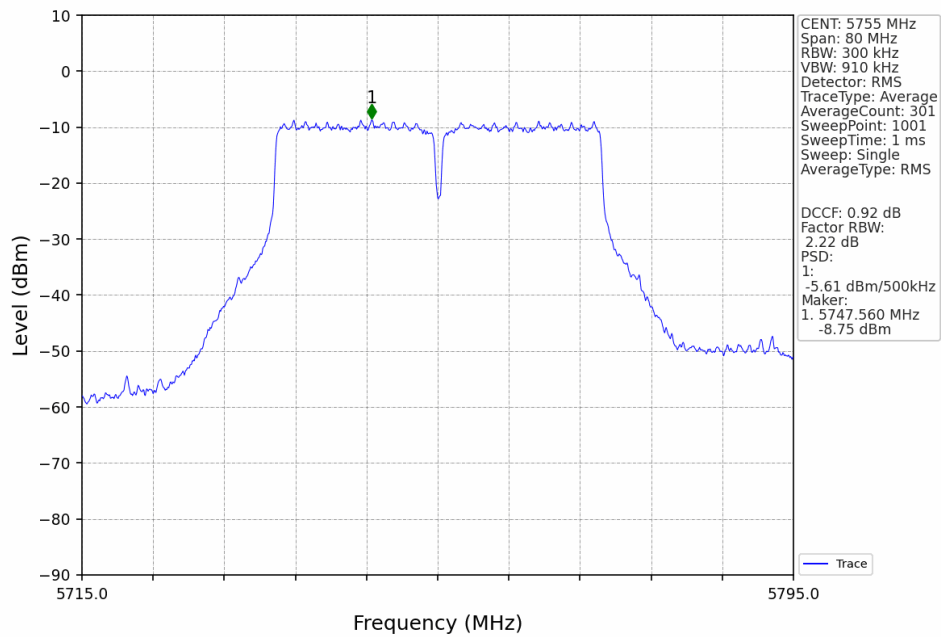
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



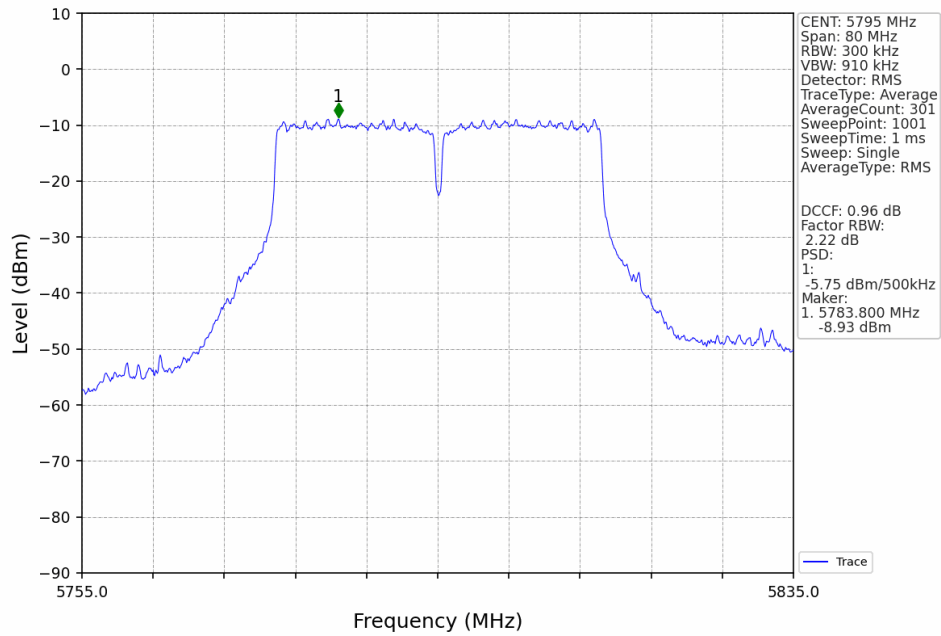
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



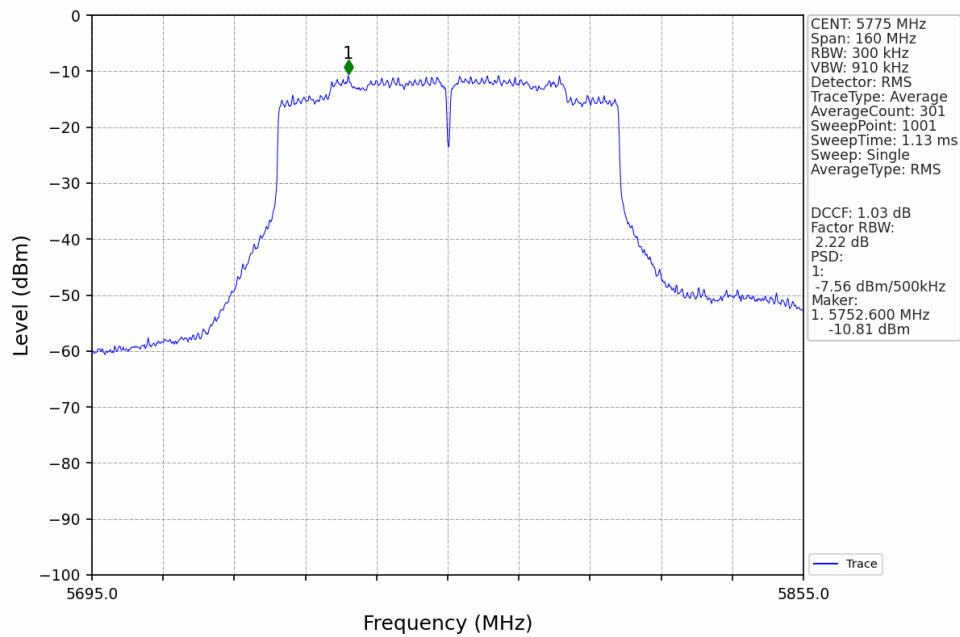
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



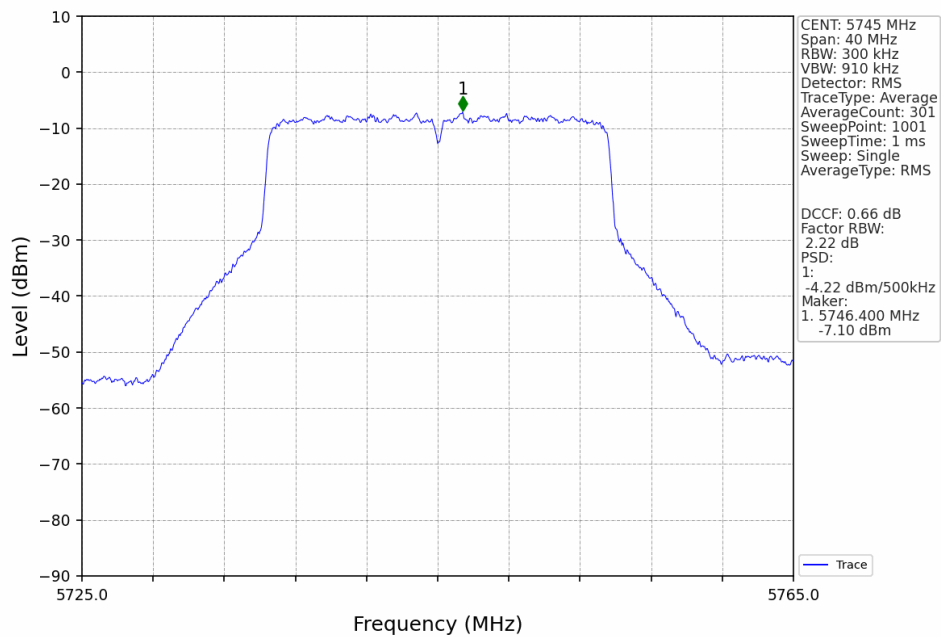
802.11ac(VHT40) HCH 5795MHz_Ant1_NTNV



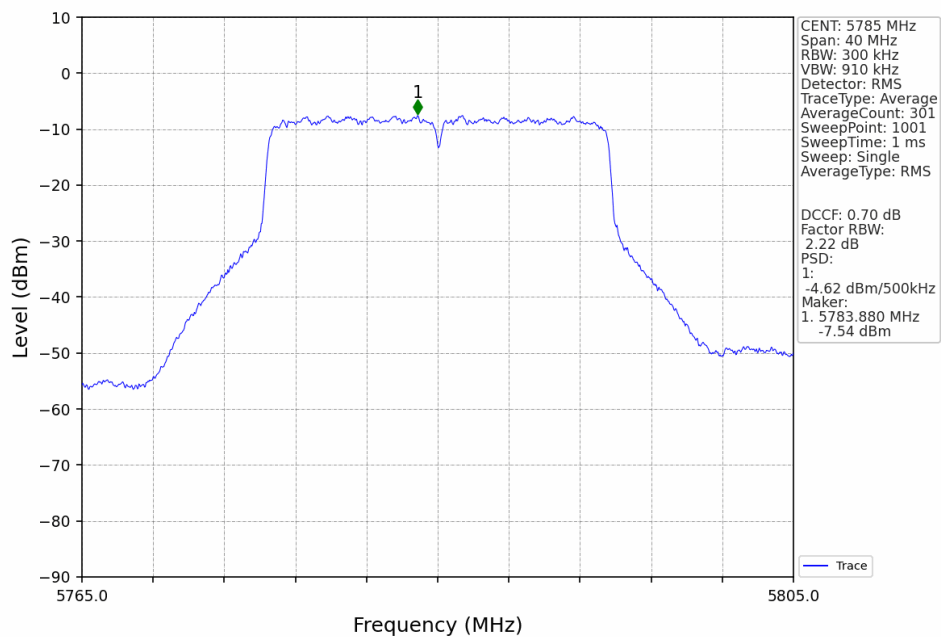
802.11ac(VHT80) MCH 5775MHz_Ant1_NTNV



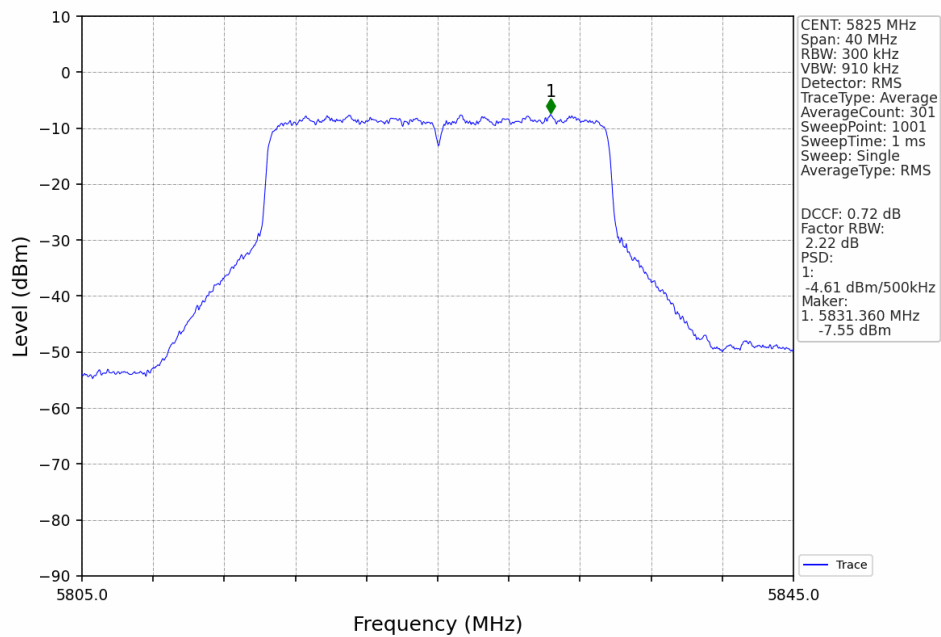
802.11ax(HEW20)_LCH_5745MHz_SU / Ant1_NTNV



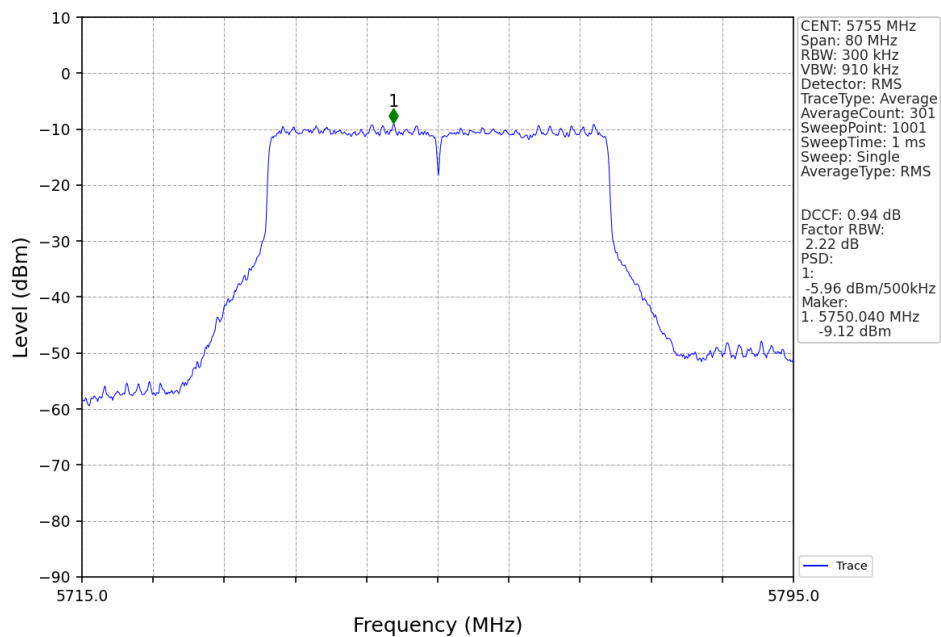
802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



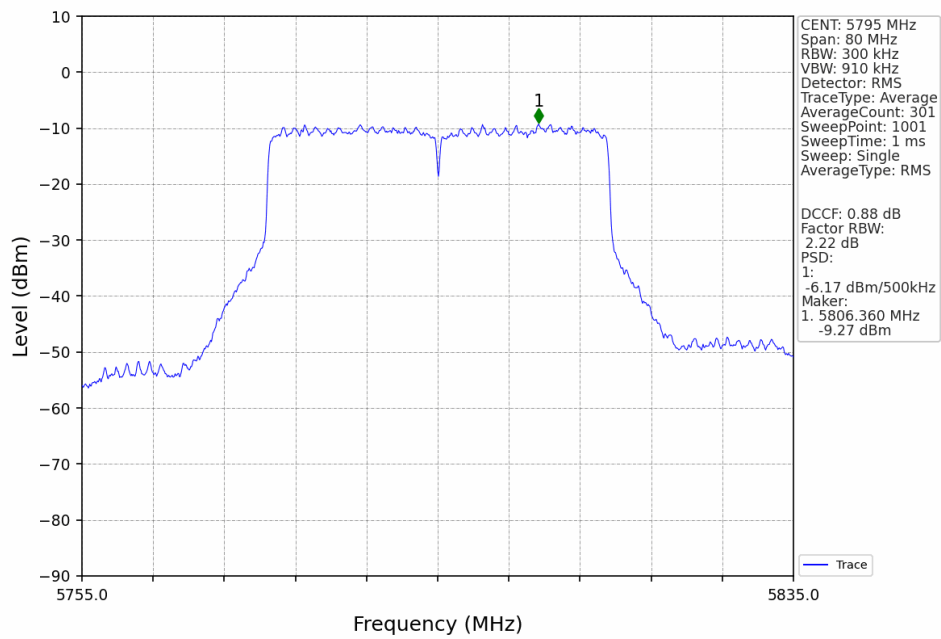
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



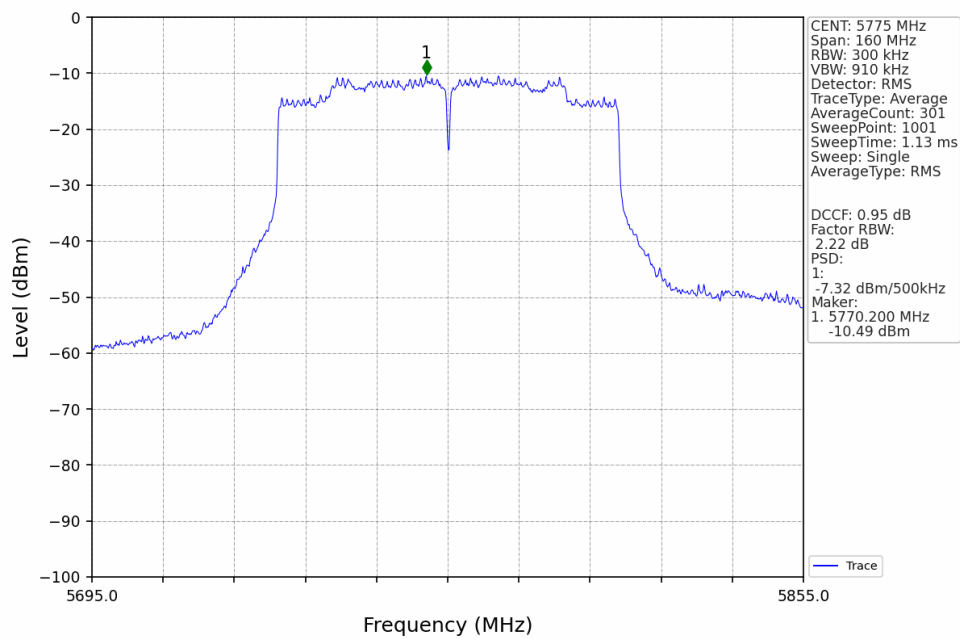
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

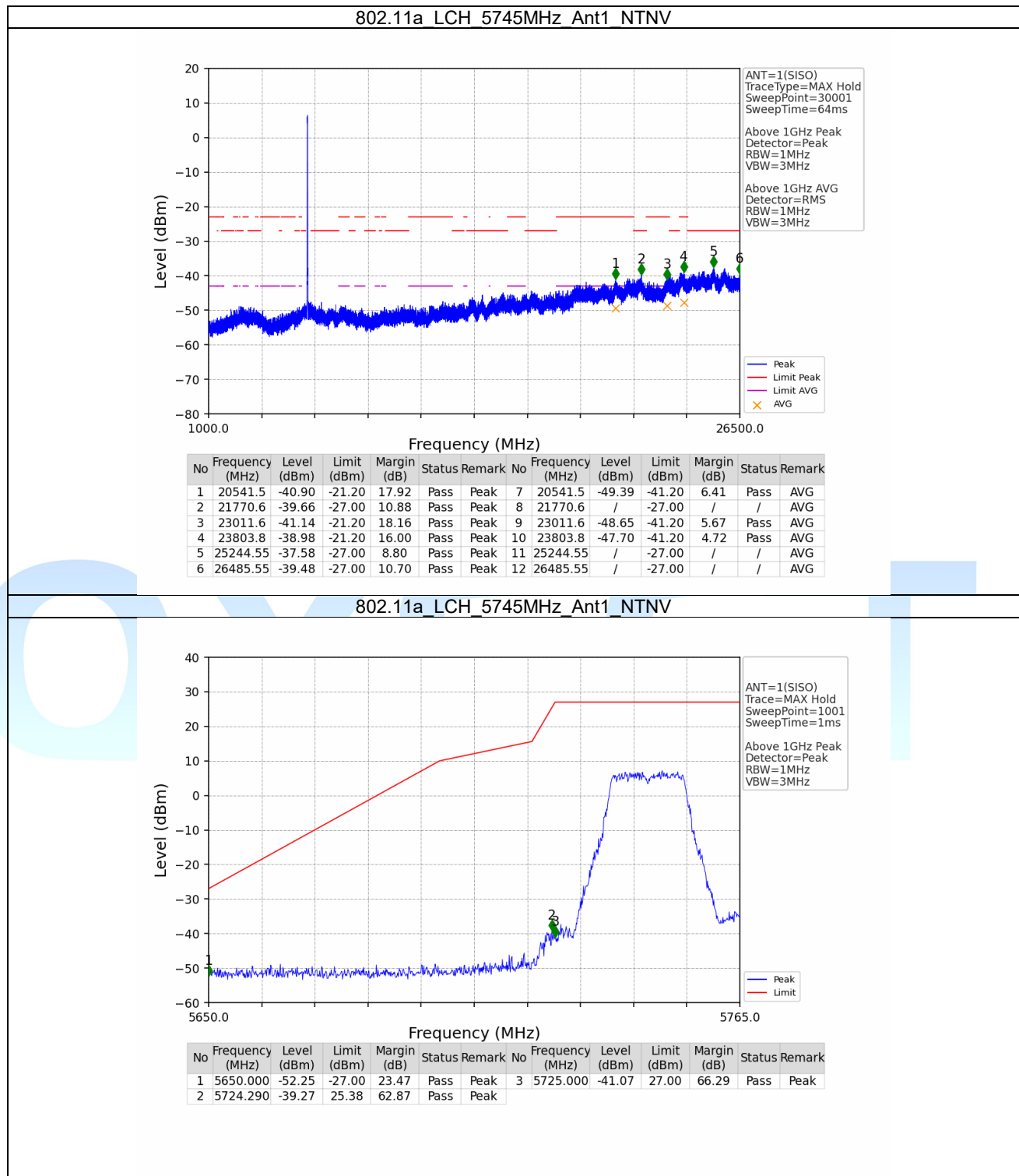
5.1 Test Result

5.1.1 RSE

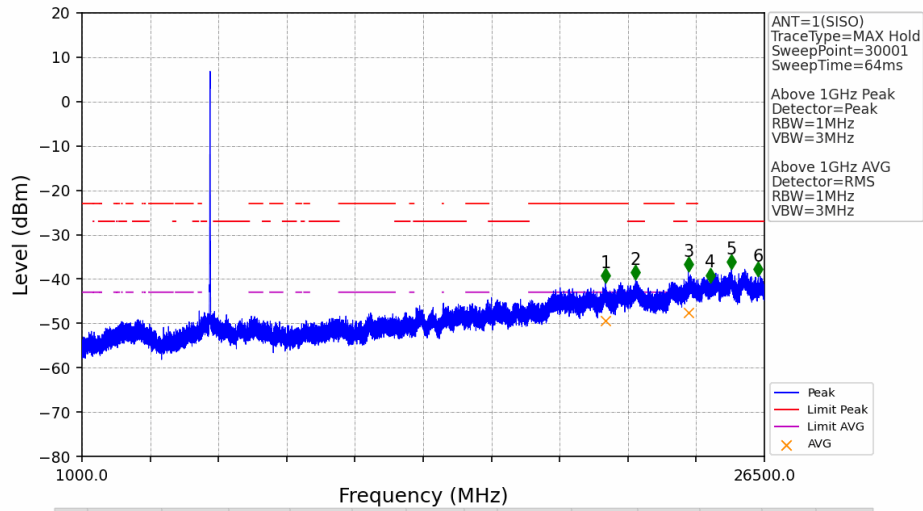
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/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

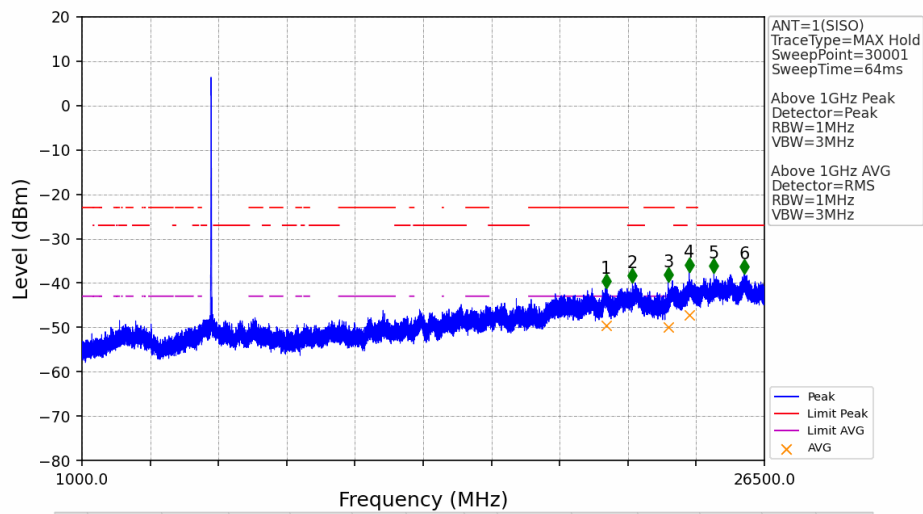


802.11a_MCH_5785MHz_Ant1_NTNV



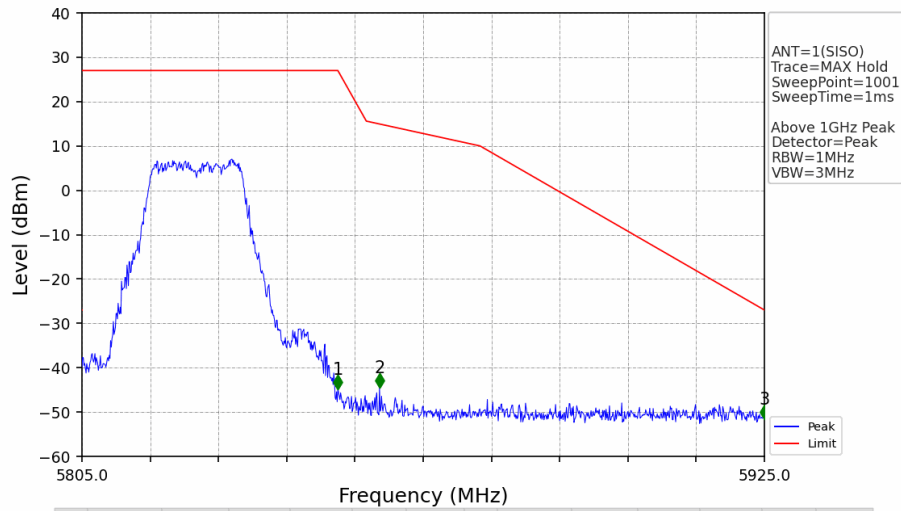
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20556.8	-40.74	-21.20	17.76	Pass	Peak	7	20556.8	-49.36	-41.20	6.38	Pass	AVG
2	21689	-40.01	-27.00	11.23	Pass	Peak	8	21689	/	-27.00	/	/	AVG
3	23655.05	-38.23	-21.20	15.25	Pass	Peak	9	23655.05	-47.53	-41.20	4.55	Pass	AVG
4	24467.65	-40.69	-27.00	11.91	Pass	Peak	10	24467.65	/	-27.00	/	/	AVG
5	25266.65	-37.75	-27.00	8.97	Pass	Peak	11	25266.65	/	-27.00	/	/	AVG
6	26272.2	-39.30	-27.00	10.52	Pass	Peak	12	26272.2	/	-27.00	/	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV

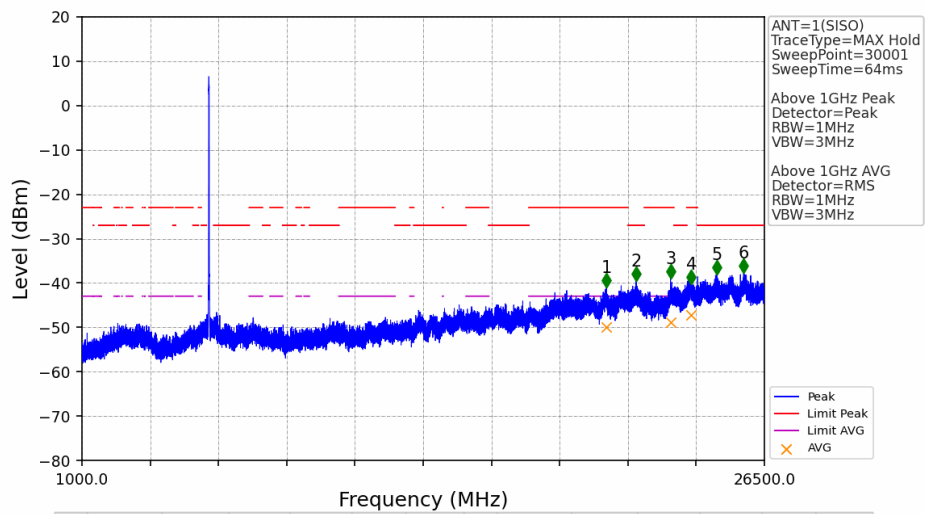


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20583.15	-41.12	-21.20	18.14	Pass	Peak	7	20583.15	-49.52	-41.20	6.54	Pass	AVG
2	21570	-39.94	-27.00	11.16	Pass	Peak	8	21570	/	-27.00	/	/	AVG
3	22901.95	-39.66	-21.20	16.68	Pass	Peak	9	22901.95	-50.02	-41.20	7.04	Pass	AVG
4	23688.2	-37.55	-21.20	14.56	Pass	Peak	10	23688.2	-47.21	-41.20	4.23	Pass	AVG
5	24613.85	-37.64	-27.00	8.86	Pass	Peak	11	24613.85	/	-27.00	/	/	AVG
6	25752.85	-37.80	-27.00	9.02	Pass	Peak	12	25752.85	/	-27.00	/	/	AVG

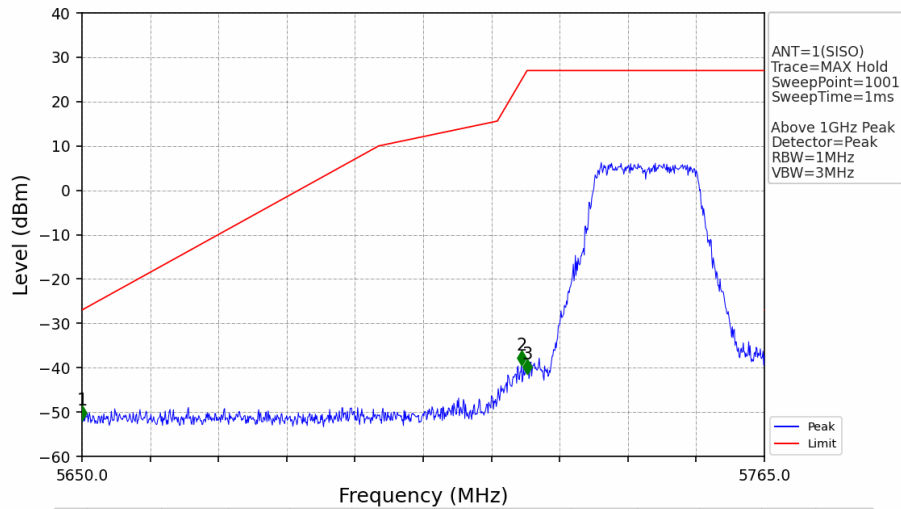
802.11a_HCH_5825MHz_Ant1_NTNV



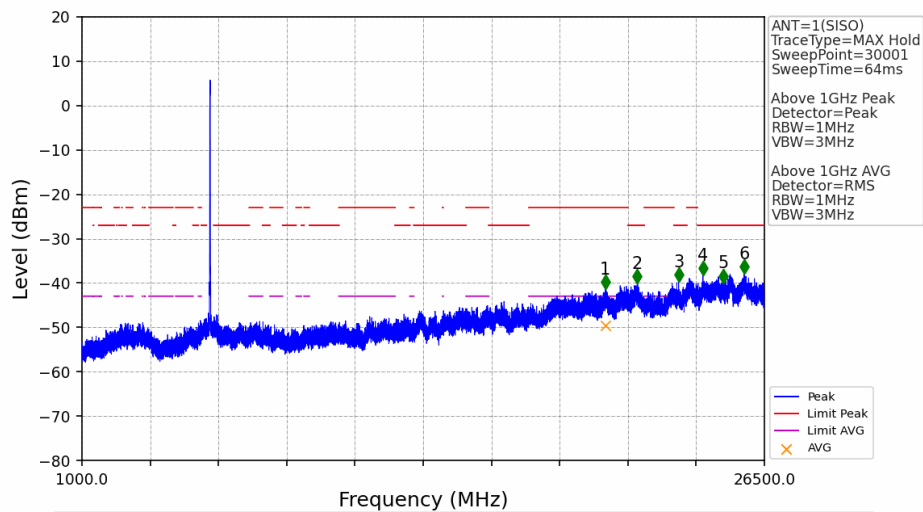
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



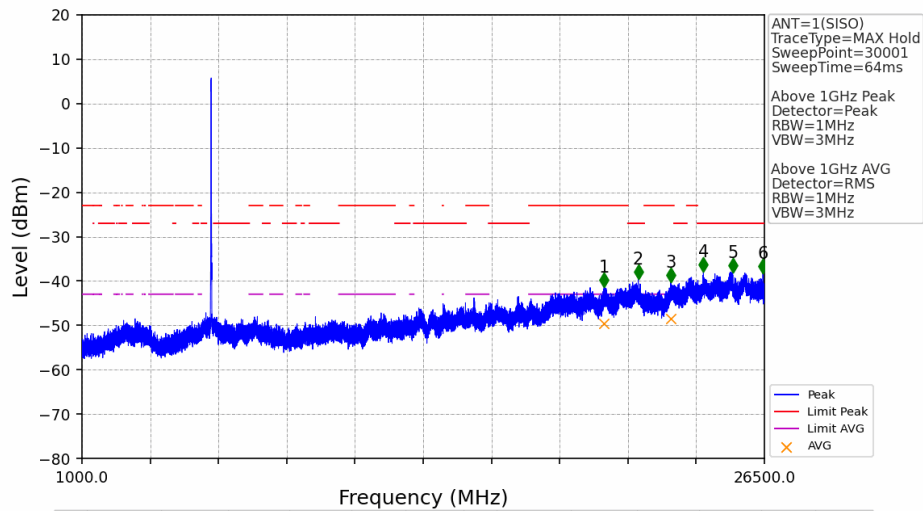
802.11n(HT20) LCH_5745MHz_Ant1_NTNV



802.11n(HT20) MCH_5785MHz_Ant1_NTNV

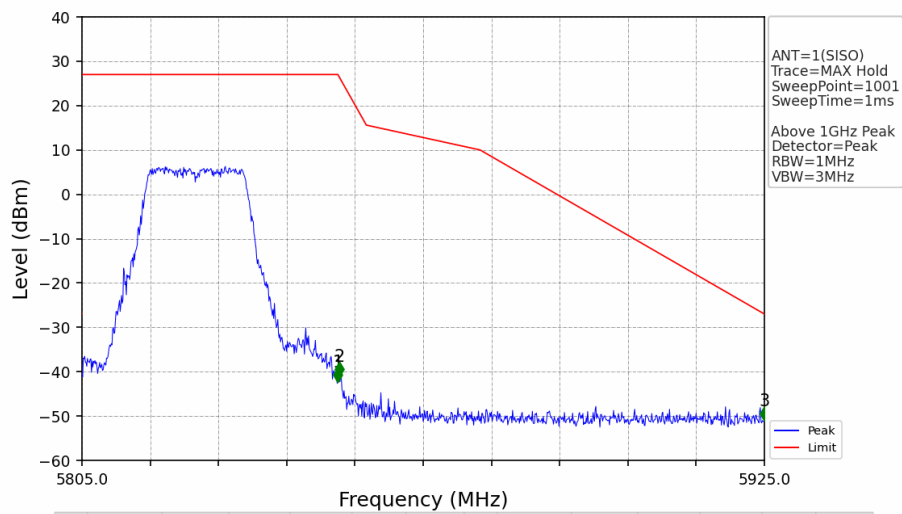


802.11n(HT20) HCH 5825MHz_Ant1_NTNV



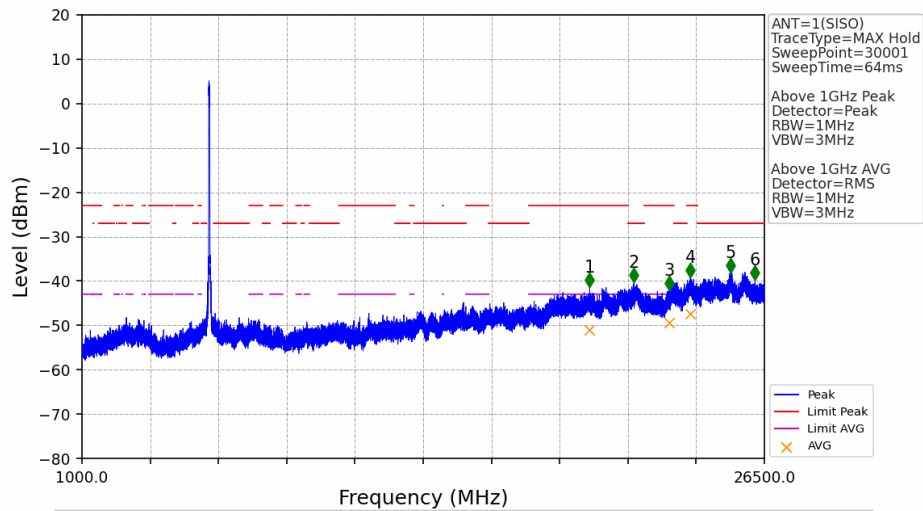
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20513.45	-41.32	-21.20	18.34	Pass	Peak	7	20513.45	-49.58	-41.20	6.60	Pass	AVG
2	21785.9	-39.47	-27.00	10.69	Pass	Peak	8	21785.9	/	-27.00	/	/	AVG
3	23001.4	-40.28	-21.20	17.30	Pass	Peak	9	23001.4	-48.48	-41.20	5.50	Pass	AVG
4	24221.15	-37.88	-27.00	9.11	Pass	Peak	10	24221.15	/	-27.00	/	/	AVG
5	25312.55	-37.97	-27.00	9.19	Pass	Peak	11	25312.55	/	-27.00	/	/	AVG
6	26444.75	-38.20	-27.00	9.43	Pass	Peak	12	26444.75	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5825MHz_Ant1_NTNV



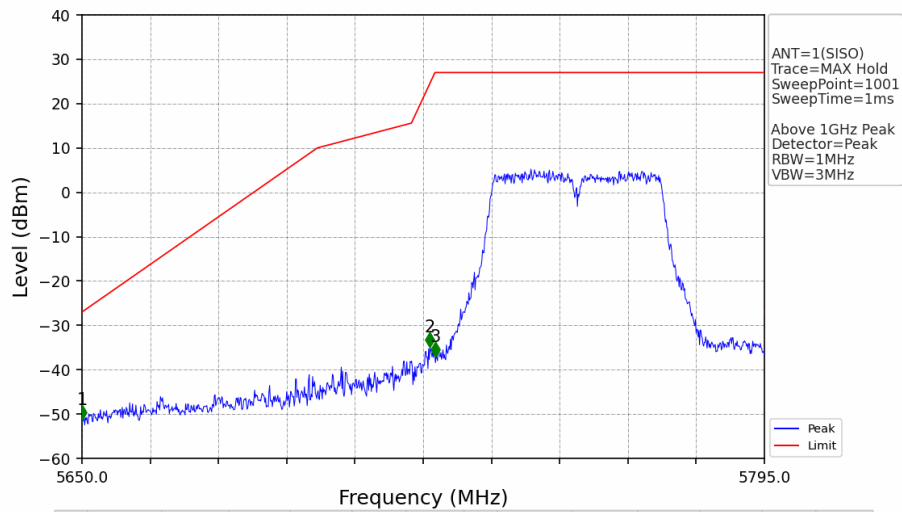
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-42.20	27.00	67.42	Pass	Peak	3	5925.000	-50.95	-27.00	22.17	Pass	Peak
2	5850.240	-41.07	26.45	65.74	Pass	Peak							

802.11n(HT40) LCH_5755MHz_Ant1_NTNV



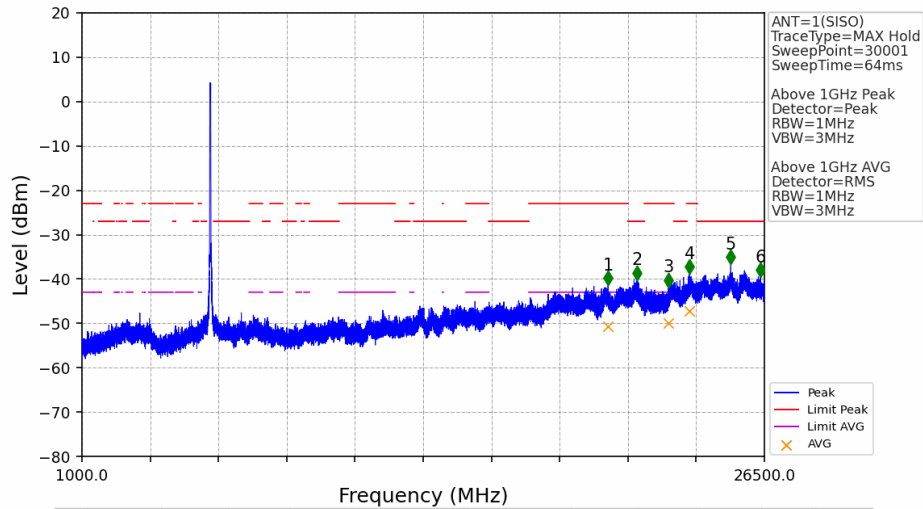
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19972	-41.34	-21.20	18.36	Pass	Peak	7	19972	-50.98	-41.20	8.01	Pass	AVG
2	21624.4	-40.19	-27.00	11.40	Pass	Peak	8	21624.4	/	-27.00	/	/	AVG
3	22930.85	-41.98	-21.20	19.00	Pass	Peak	9	22930.85	-49.47	-41.20	6.49	Pass	AVG
4	23733.25	-39.23	-21.20	16.25	Pass	Peak	10	23733.25	-47.35	-41.20	4.37	Pass	AVG
5	25224.15	-37.99	-27.00	9.21	Pass	Peak	11	25224.15	/	-27.00	/	/	AVG
6	26149.8	-39.72	-27.00	10.94	Pass	Peak	12	26149.8	/	-27.00	/	/	AVG

802.11n(HT40) LCH_5755MHz_Ant1_NTNV

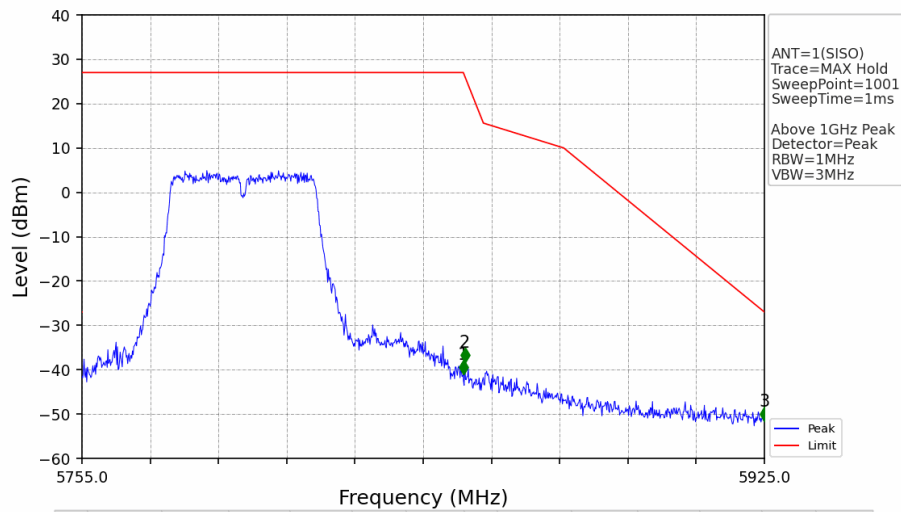


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-51.28	-27.00	22.50	Pass	Peak	3	5725.000	-36.99	27.00	62.21	Pass	Peak
2	5723.950	-34.75	24.61	57.58	Pass	Peak							

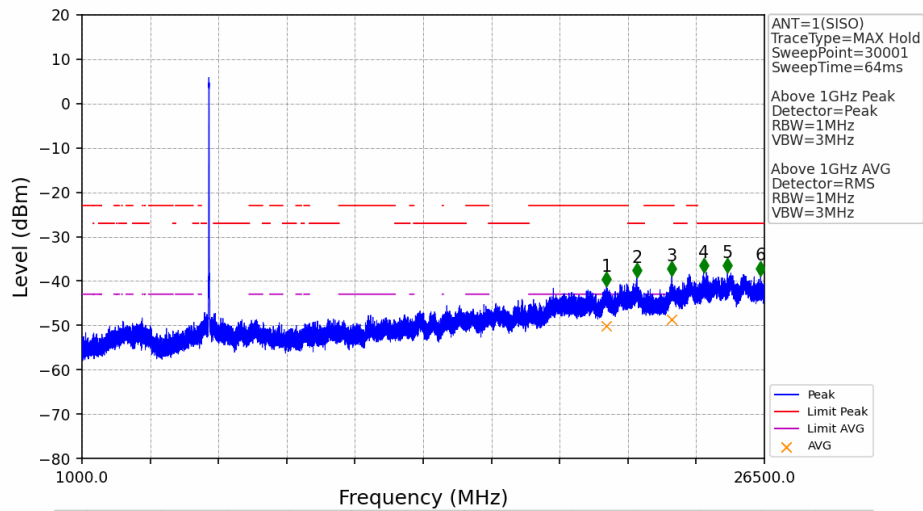
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



802.11n(HT40) HCH 5795MHz_Ant1_NTNV

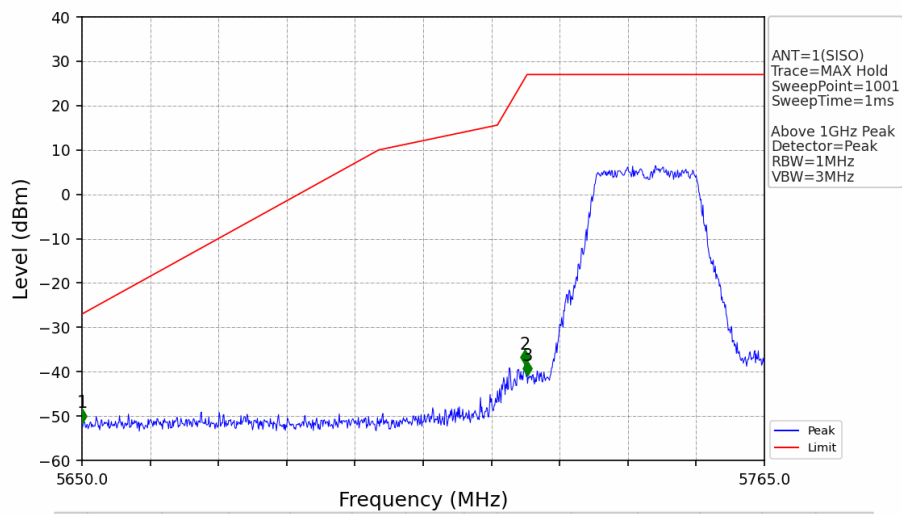


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



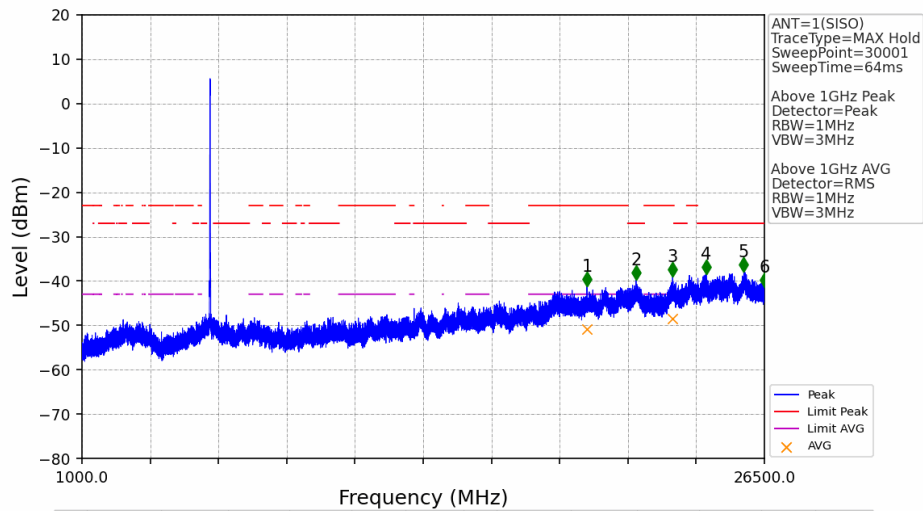
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20600.15	-41.21	-21.20	18.23	Pass	Peak	7	20600.15	-50.19	-41.20	7.21	Pass	AVG
2	21734.05	-39.18	-27.00	10.40	Pass	Peak	8	21734.05	/	-27.00	/	/	AVG
3	23038.8	-38.79	-21.20	15.81	Pass	Peak	9	23038.8	-48.71	-41.20	5.73	Pass	AVG
4	24226.25	-37.99	-27.00	9.21	Pass	Peak	10	24226.25	/	-27.00	/	/	AVG
5	25119.6	-38.13	-27.00	9.35	Pass	Peak	11	25119.6	/	-27.00	/	/	AVG
6	26358.9	-38.69	-27.00	9.91	Pass	Peak	12	26358.9	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



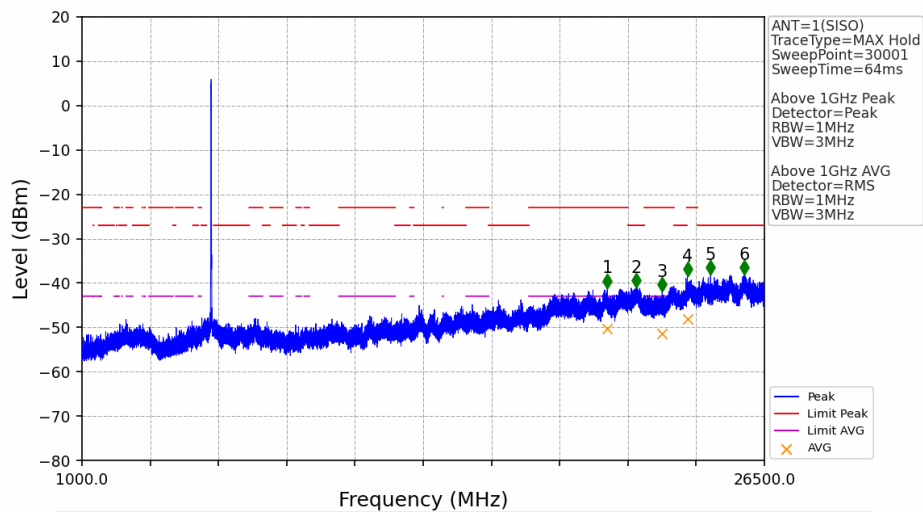
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-51.48	-27.00	22.70	Pass	Peak	3	5725.000	-40.77	27.00	65.99	Pass	Peak
2	5724.635	-38.29	26.17	62.68	Pass	Peak							

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



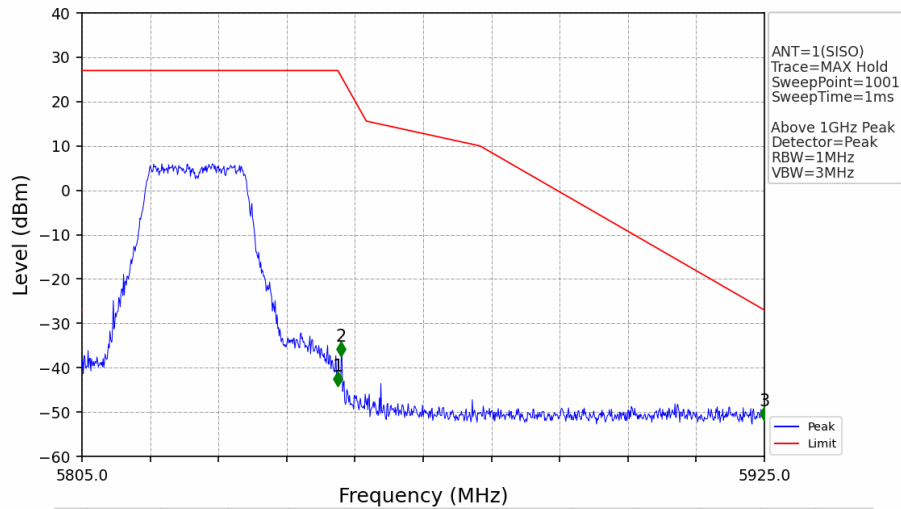
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19870	-41.20	-21.20	18.22	Pass	Peak	7	19870	-50.93	-41.20	7.95	Pass	AVG
2	21704.3	-39.73	-27.00	10.95	Pass	Peak	8	21704.3	/	-27.00	/	/	AVG
3	23069.4	-38.98	-21.20	16.00	Pass	Peak	9	23069.4	-48.56	-41.20	5.58	Pass	AVG
4	24328.25	-38.45	-27.00	9.67	Pass	Peak	10	24328.25	/	-27.00	/	/	AVG
5	25730.75	-37.87	-27.00	9.09	Pass	Peak	11	25730.75	/	-27.00	/	/	AVG
6	26500	-41.33	-27.00	12.55	Pass	Peak	12	26500	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

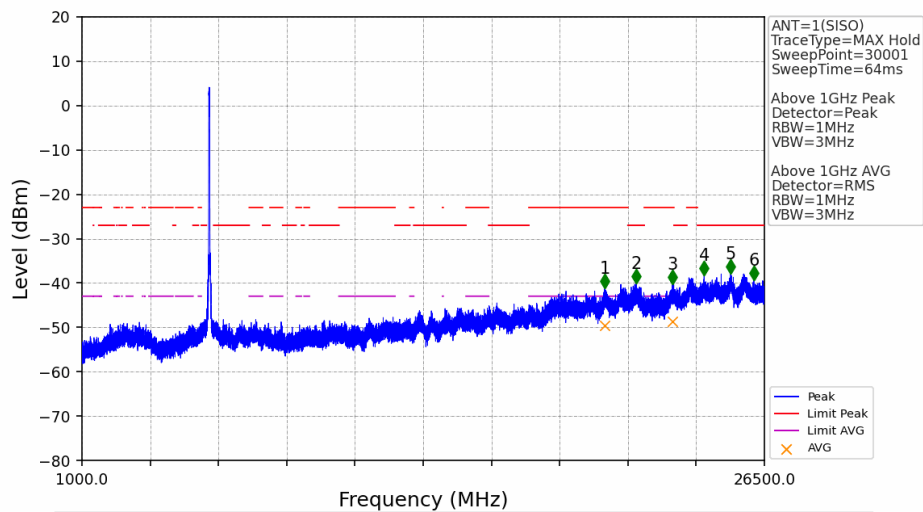


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20629.9	-41.06	-21.20	18.08	Pass	Peak	7	20629.9	-50.29	-41.20	7.31	Pass	AVG
2	21712.8	-41.02	-27.00	12.24	Pass	Peak	8	21712.8	/	-27.00	/	/	AVG
3	22680.95	-41.93	-21.20	18.95	Pass	Peak	9	22680.95	-51.33	-41.20	8.35	Pass	AVG
4	23622.75	-38.45	-21.20	15.47	Pass	Peak	10	23622.75	-48.08	-41.20	5.10	Pass	AVG
5	24488.05	-38.00	-27.00	9.22	Pass	Peak	11	24488.05	/	-27.00	/	/	AVG
6	25749.45	-38.10	-27.00	9.32	Pass	Peak	12	25749.45	/	-27.00	/	/	AVG

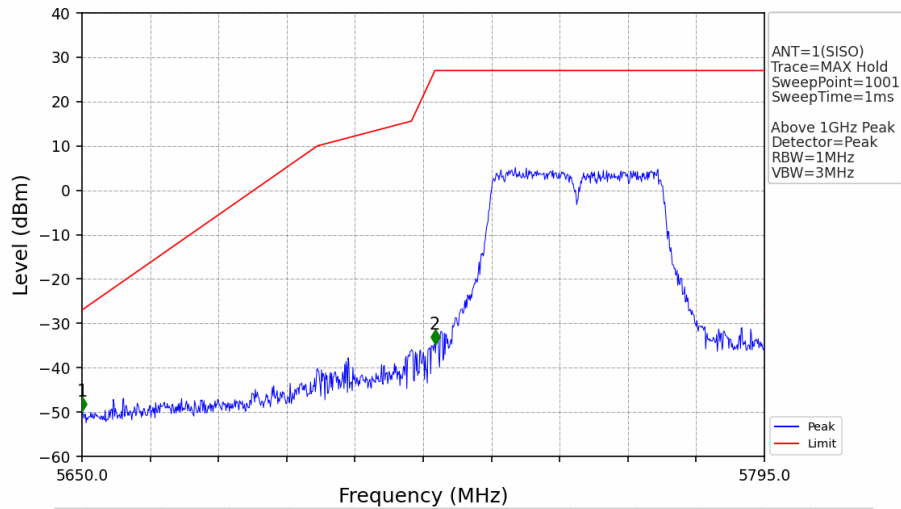
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



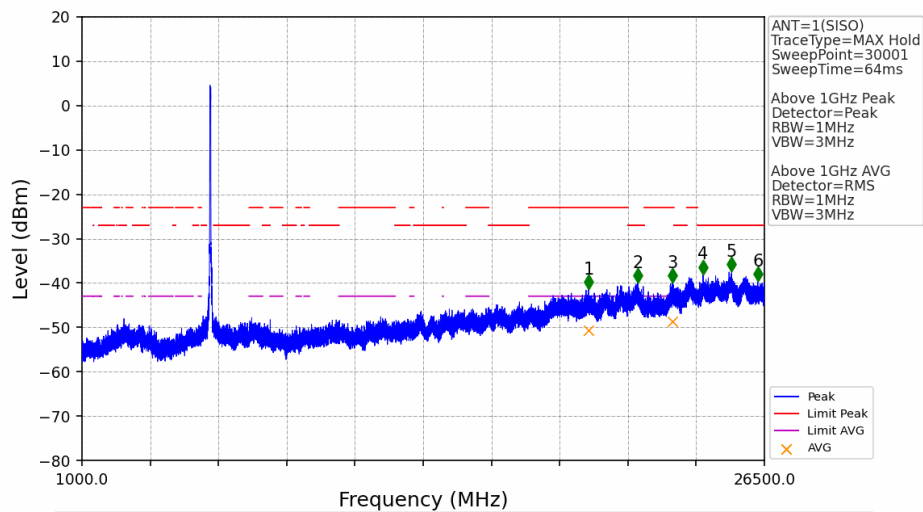
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



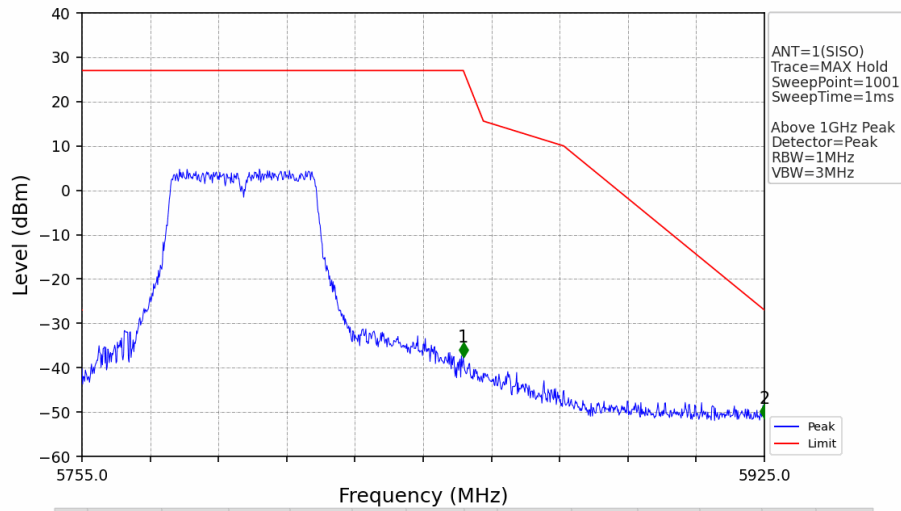
802.11ac(VHT40) LCH 5755MHz Ant1_NTNV



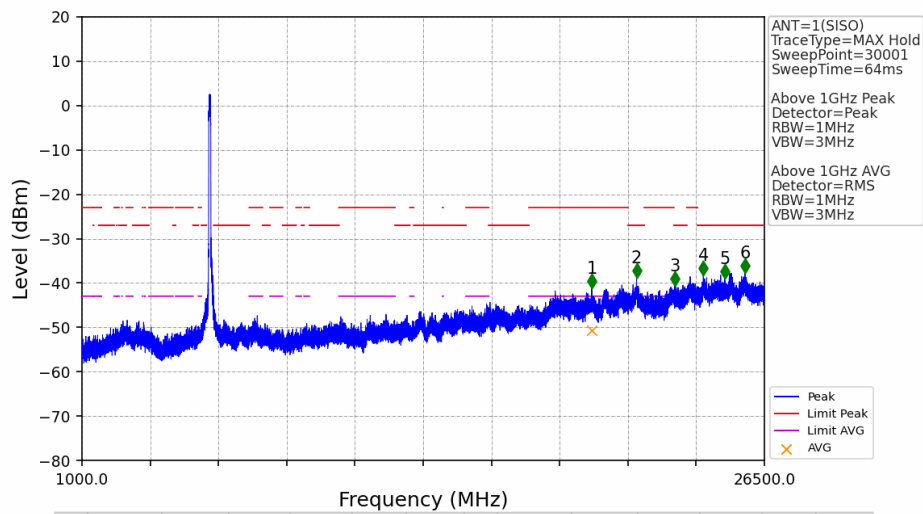
802.11ac(VHT40) HCH 5795MHz Ant1_NTNV



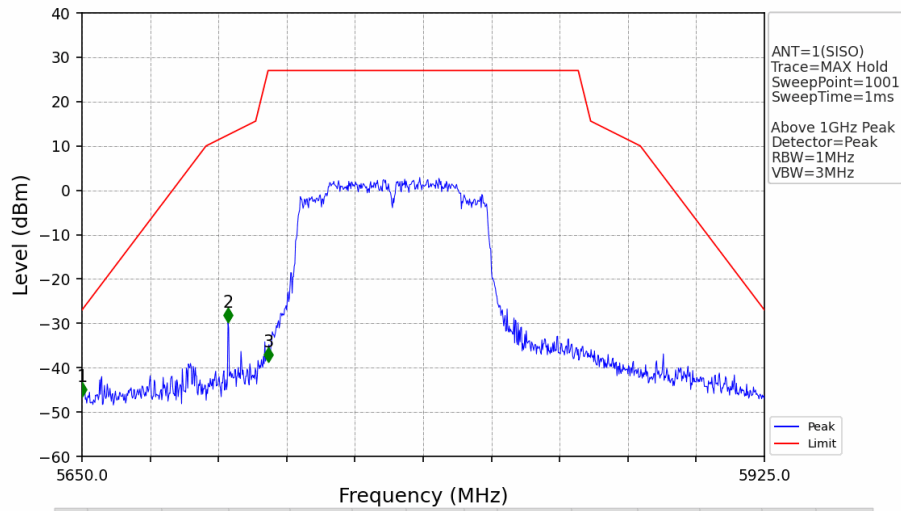
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



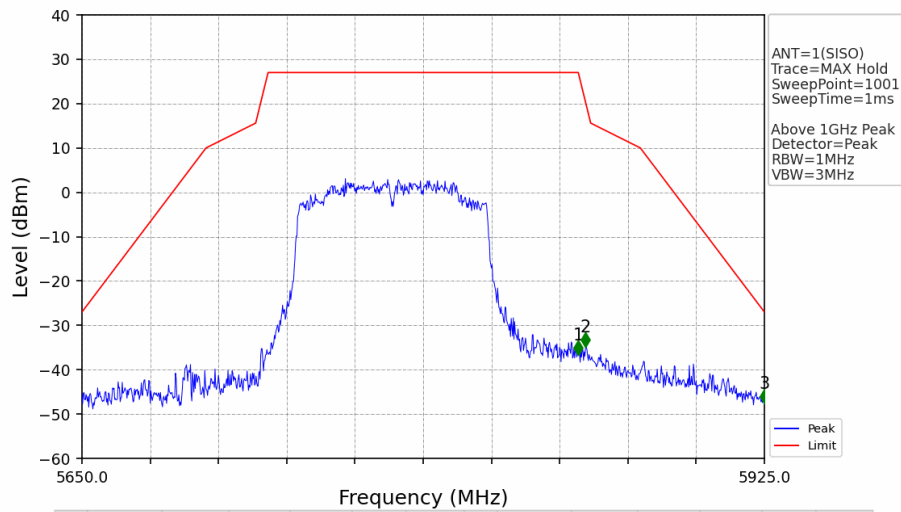
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



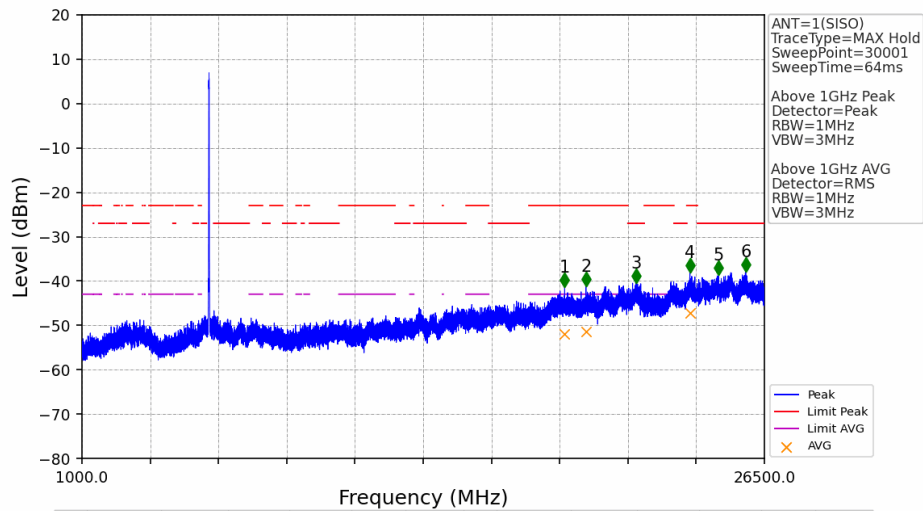
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

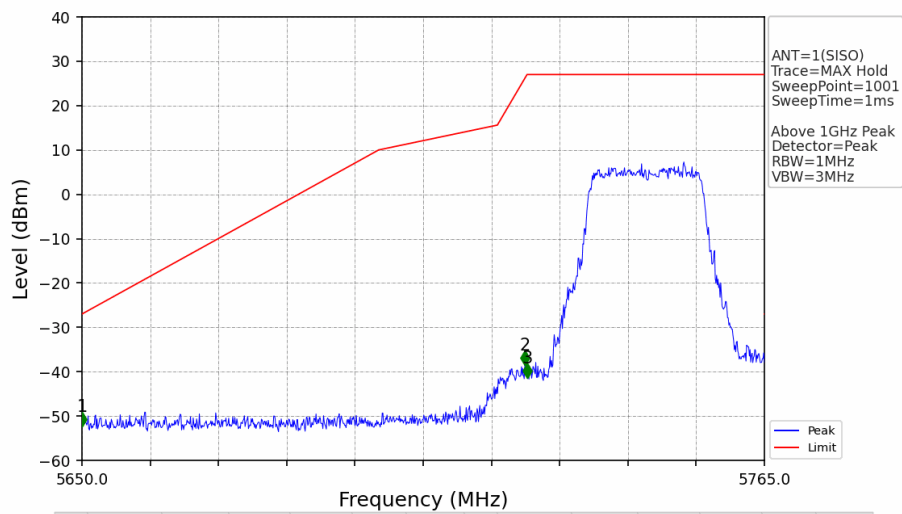


802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



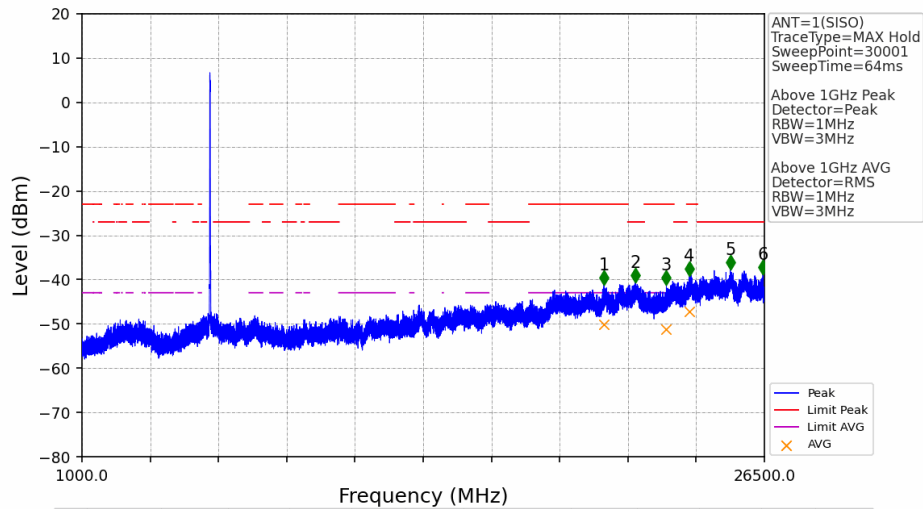
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1	19037	-41.27	-21.20	18.29	Pass	Peak	7	19037	-51.97	-41.20	8.99	Pass	AVG
2	19831.75	-41.18	-21.20	18.20	Pass	Peak	8	19831.75	-51.34	-41.20	8.36	Pass	AVG
3	21707.7	-40.46	-27.00	11.68	Pass	Peak	9	21707.7	/	-27.00	/	/	AVG
4	23716.25	-37.98	-21.20	15.00	Pass	Peak	10	23716.25	-47.27	-41.20	4.29	Pass	AVG
5	24796.6	-38.68	-27.00	9.90	Pass	Peak	11	24796.6	/	-27.00	/	/	AVG
6	25802.15	-37.85	-27.00	9.07	Pass	Peak	12	25802.15	/	-27.00	/	/	AVG

802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



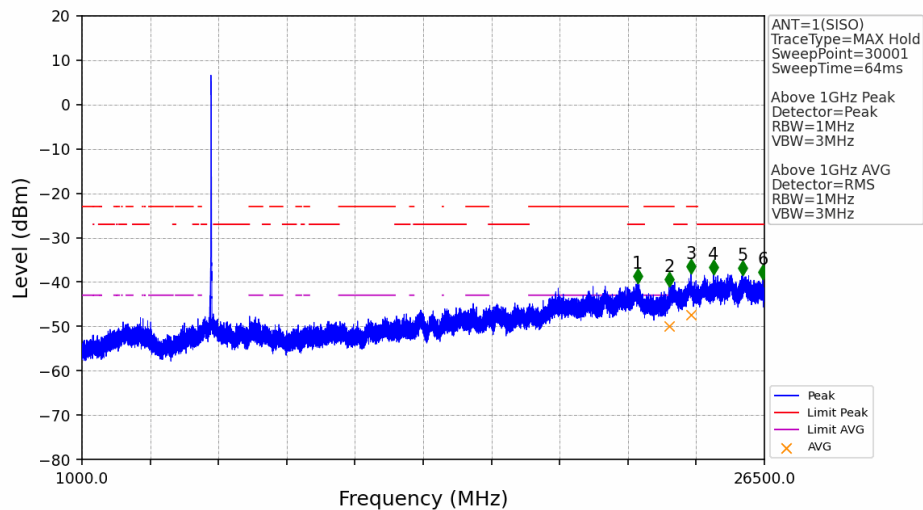
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-52.34	-27.00	23.56	Pass	Peak	3	5725.000	-41.42	27.00	66.64	Pass	Peak
2	5724.635	-38.47	26.17	62.86	Pass	Peak							

802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



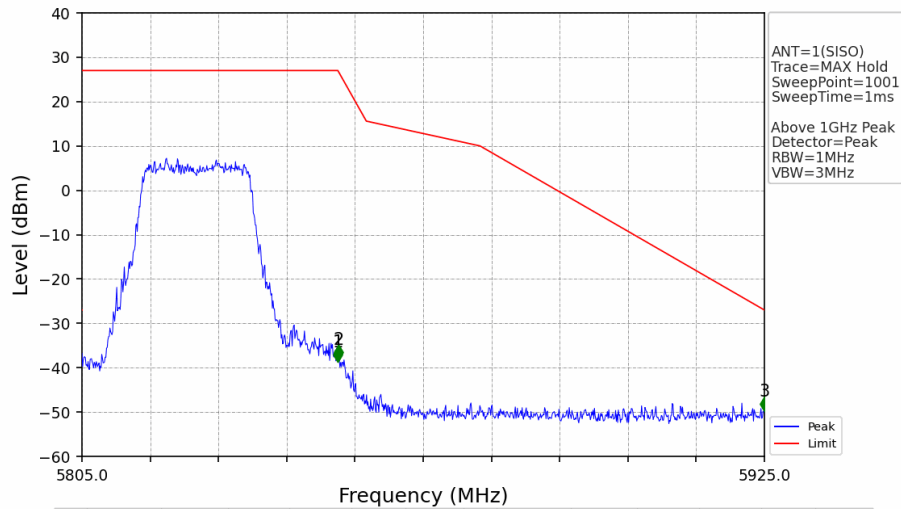
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20504.95	-41.11	-21.20	18.13	Pass Peak	7	20504.95	-50.18	-41.20	7.20	Pass AVG
2	21683.05	-40.55	-27.00	11.77	Pass Peak	8	21683.05	/	-27.00	/	/ AVG
3	22837.35	-41.17	-21.20	18.19	Pass Peak	9	22837.35	-51.20	-41.20	8.22	Pass AVG
4	23699.25	-39.08	-21.20	16.10	Pass Peak	10	23699.25	-47.19	-41.20	4.21	Pass AVG
5	25227.55	-37.69	-27.00	8.91	Pass Peak	11	25227.55	/	-27.00	/	/ AVG
6	26443.9	-38.84	-27.00	10.06	Pass Peak	12	26443.9	/	-27.00	/	/ AVG

802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV

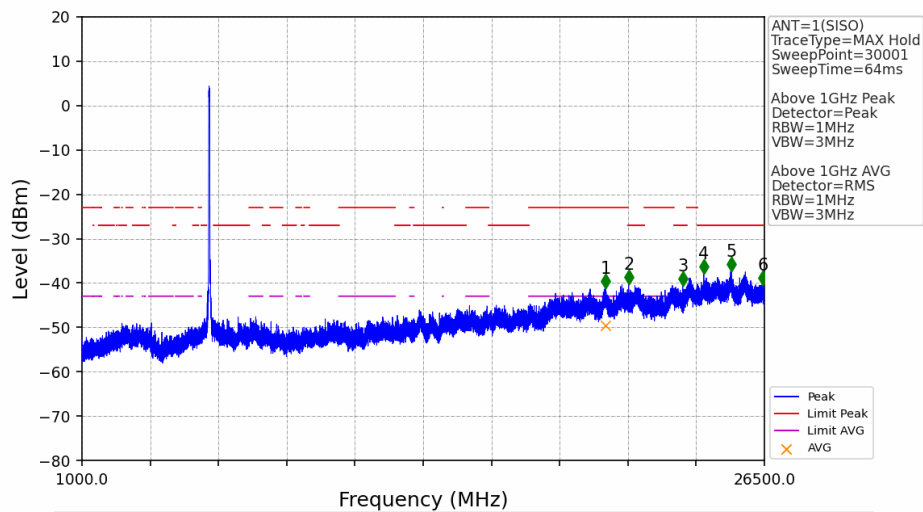


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	21760.4	-40.30	-27.00	11.52	Pass Peak	7	21760.4	/	-27.00	/	/ AVG
2	22938.5	-40.93	-21.20	17.95	Pass Peak	8	22938.5	-49.95	-41.20	6.96	Pass AVG
3	23746	-37.99	-21.20	15.01	Pass Peak	9	23746	-47.38	-41.20	4.39	Pass AVG
4	24601.1	-38.18	-27.00	9.40	Pass Peak	10	24601.1	/	-27.00	/	/ AVG
5	25674.65	-38.33	-27.00	9.55	Pass Peak	11	25674.65	/	-27.00	/	/ AVG
6	26443.05	-39.26	-27.00	10.48	Pass Peak	12	26443.05	/	-27.00	/	/ AVG

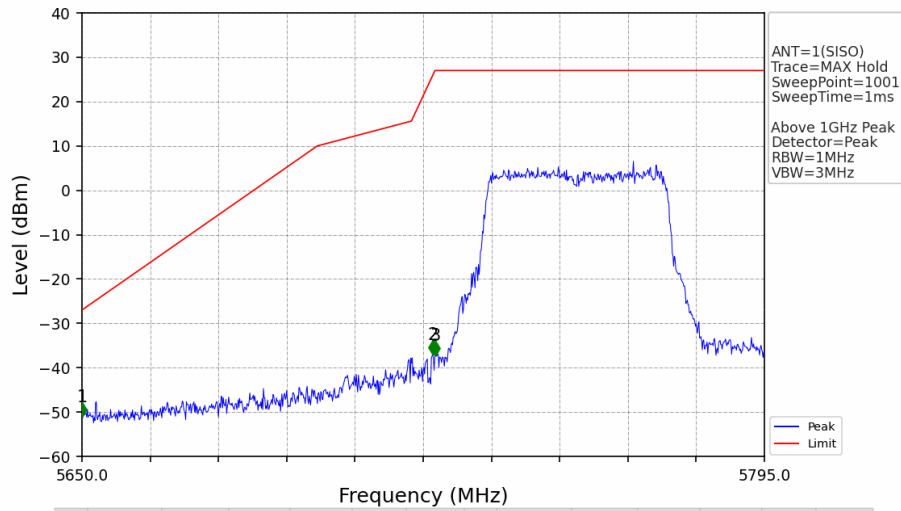
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV

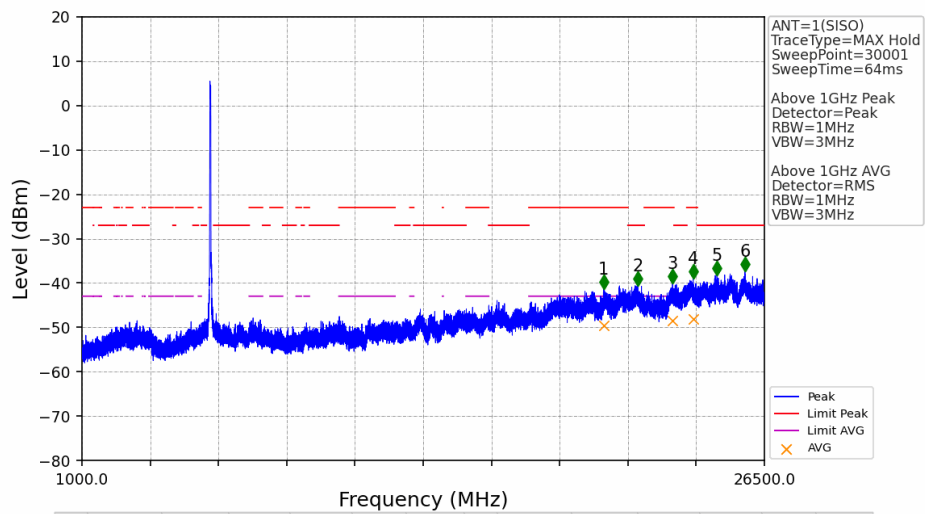


802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



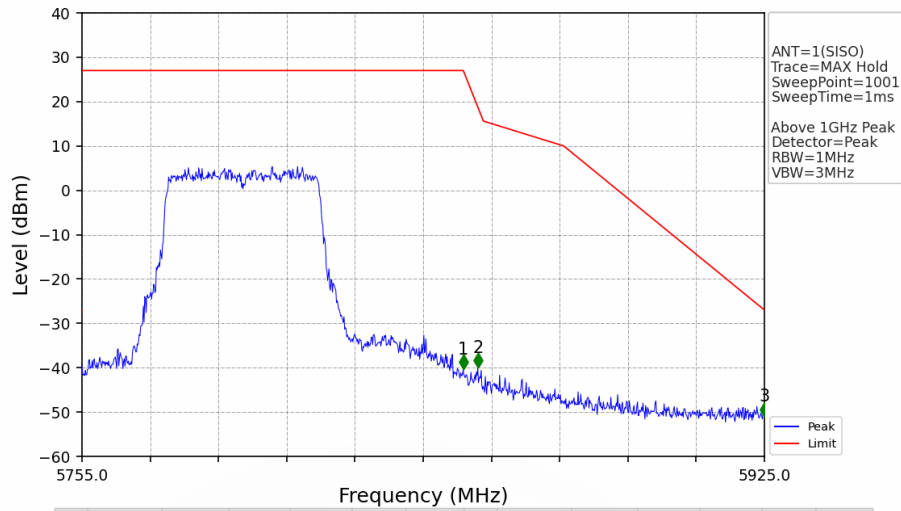
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-50.96	-27.00	22.18	Pass	Peak	3	5725.000	-37.18	27.00	62.40	Pass	Peak
2	5724.530	-37.03	25.93	61.18	Pass	Peak							

802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV

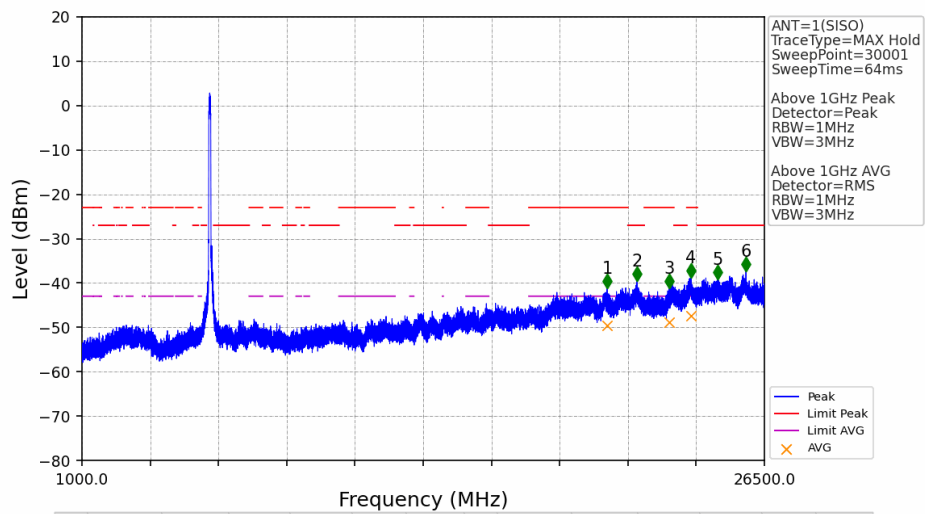


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20494.75	-41.41	-21.20	18.43	Pass	Peak	7	20494.75	-49.62	-41.20	6.64	Pass	AVG
2	21762.95	-40.57	-27.00	11.79	Pass	Peak	8	21762.95	/	-27.00	/	Pass	AVG
3	23068.55	-40.07	-21.20	17.09	Pass	Peak	9	23068.55	-48.48	-41.20	5.50	Pass	AVG
4	23836.1	-38.99	-21.20	16.01	Pass	Peak	10	23836.1	-48.04	-41.20	5.06	Pass	AVG
5	24727.75	-38.21	-27.00	9.43	Pass	Peak	11	24727.75	/	-27.00	/	Pass	AVG
6	25772.4	-37.28	-27.00	8.50	Pass	Peak	12	25772.4	/	-27.00	/	Pass	AVG

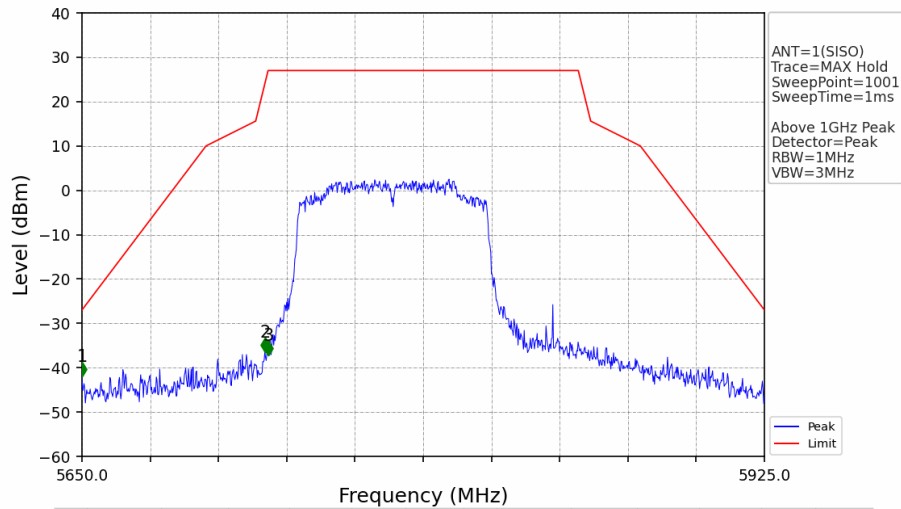
802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



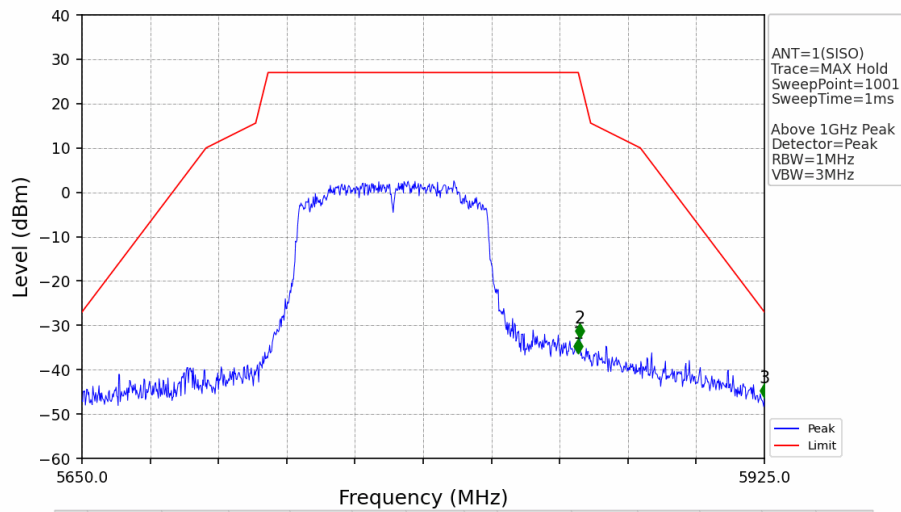
802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



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	5744.994	5725 to 5850	Pass
				120	5744.994	5725 to 5850	Pass
				138	5744.994	5725 to 5850	Pass
			-30	120	5744.994	5725 to 5850	Pass
			-20	120	5744.994	5725 to 5850	Pass
			-10	120	5744.994	5725 to 5850	Pass
			0	120	5744.995	5725 to 5850	Pass
			10	120	5744.995	5725 to 5850	Pass
			30	120	5744.994	5725 to 5850	Pass
			40	120	5744.994	5725 to 5850	Pass
			50	120	5744.994	5725 to 5850	Pass
		5785	20	102	5784.995	5725 to 5850	Pass
				120	5784.994	5725 to 5850	Pass
				138	5784.994	5725 to 5850	Pass
			-30	120	5784.994	5725 to 5850	Pass
			-20	120	5784.994	5725 to 5850	Pass
			-10	120	5784.994	5725 to 5850	Pass
			0	120	5784.994	5725 to 5850	Pass
			10	120	5784.994	5725 to 5850	Pass
			30	120	5784.994	5725 to 5850	Pass
			40	120	5784.994	5725 to 5850	Pass
			50	120	5784.994	5725 to 5850	Pass
		5825	20	102	5824.996	5725 to 5850	Pass
				120	5824.996	5725 to 5850	Pass
				138	5824.996	5725 to 5850	Pass
			-30	120	5824.995	5725 to 5850	Pass
			-20	120	5824.995	5725 to 5850	Pass
			-10	120	5824.995	5725 to 5850	Pass
			0	120	5824.995	5725 to 5850	Pass
			10	120	5824.995	5725 to 5850	Pass
			30	120	5824.995	5725 to 5850	Pass
			40	120	5824.995	5725 to 5850	Pass
			50	120	5824.995	5725 to 5850	Pass
		5755	20	102	5754.996	5725 to 5850	Pass
				120	5754.996	5725 to 5850	Pass
				138	5754.996	5725 to 5850	Pass
			-30	120	5754.996	5725 to 5850	Pass
			-20	120	5754.996	5725 to 5850	Pass
			-10	120	5754.996	5725 to 5850	Pass
			0	120	5754.996	5725 to 5850	Pass
			10	120	5754.996	5725 to 5850	Pass
			30	120	5754.996	5725 to 5850	Pass
			40	120	5754.996	5725 to 5850	Pass
			50	120	5754.996	5725 to 5850	Pass
		5795	20	102	5794.997	5725 to 5850	Pass
				120	5794.997	5725 to 5850	Pass
				138	5794.997	5725 to 5850	Pass
			-30	120	5794.997	5725 to 5850	Pass

			-20	120	5794.997	5725 to 5850	Pass
			-10	120	5794.997	5725 to 5850	Pass
			0	120	5794.996	5725 to 5850	Pass
			10	120	5794.996	5725 to 5850	Pass
			30	120	5794.996	5725 to 5850	Pass
			40	120	5794.996	5725 to 5850	Pass
			50	120	5794.996	5725 to 5850	Pass
		5775	20	102	5774.996	5725 to 5850	Pass
				120	5774.996	5725 to 5850	Pass
				138	5774.996	5725 to 5850	Pass
			-30	120	5774.996	5725 to 5850	Pass
			-20	120	5774.996	5725 to 5850	Pass
			-10	120	5774.997	5725 to 5850	Pass
			0	120	5774.997	5725 to 5850	Pass
			10	120	5774.997	5725 to 5850	Pass
			30	120	5774.997	5725 to 5850	Pass
			40	120	5774.997	5725 to 5850	Pass
			50	120	5774.997	5725 to 5850	Pass

▶▶▶ END OF REPORT ◀◀◀