

1. Duty Cycle

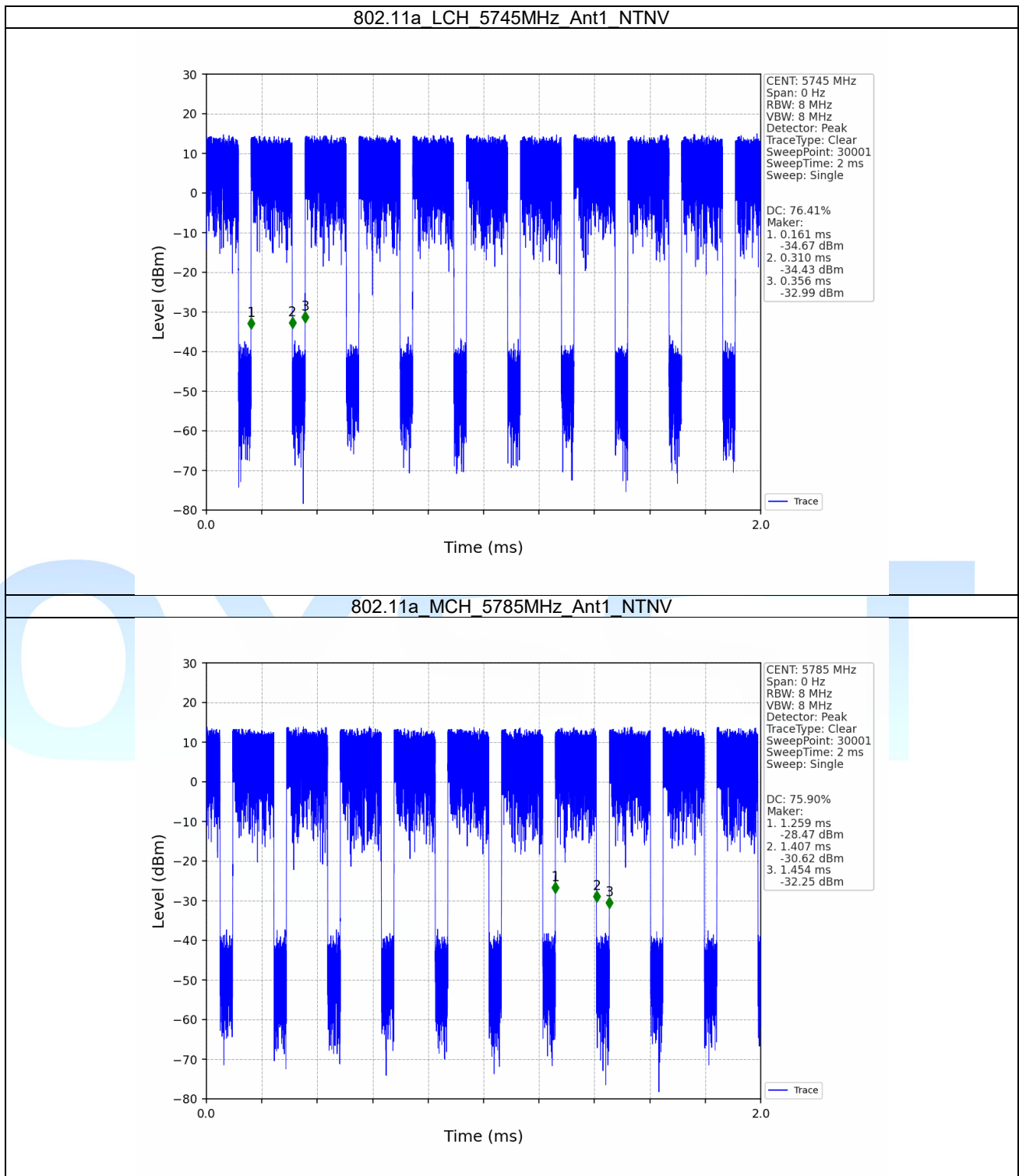
1.1 Test Result

1.1.1 Ant1

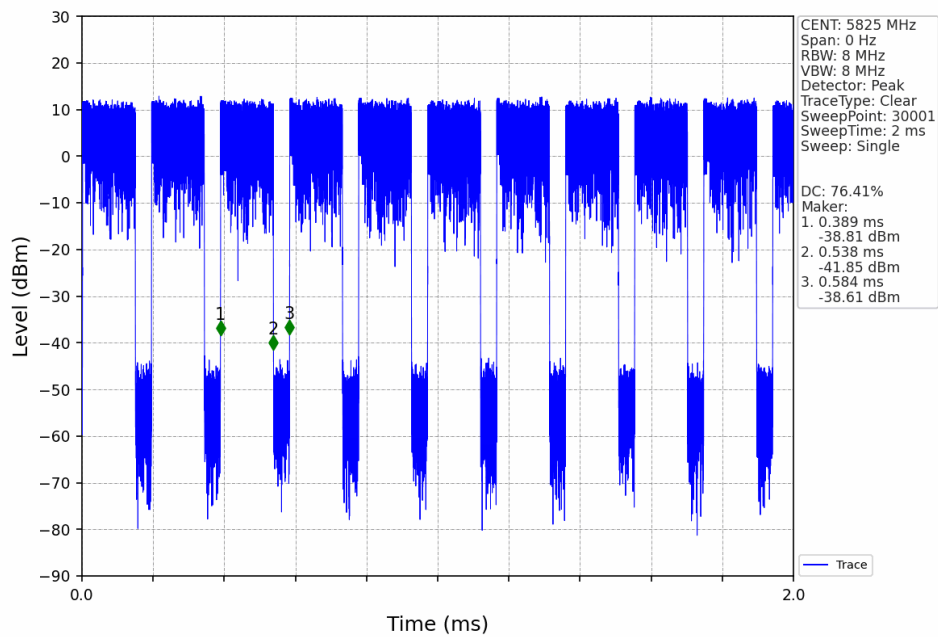
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	/	/	0.149	0.195	76.41	1.17	0.49
		5785	/	/	0.148	0.195	75.90	1.20	0.57
		5825	/	/	0.149	0.195	76.41	1.17	0.14
802.11n (HT20)	SISO	5745	/	/	0.177	0.224	79.02	1.02	0.42
		5785	/	/	0.177	0.224	79.02	1.02	0.61
		5825	/	/	0.177	0.224	79.02	1.02	0.44
802.11n (HT40)	SISO	5755	/	/	0.181	0.227	79.74	0.98	0.27
		5795	/	/	0.181	0.226	80.09	0.96	3.45
802.11ac (VHT20)	SISO	5745	/	/	0.165	0.211	78.20	1.07	0.09
		5785	/	/	0.165	0.212	77.83	1.09	0.45
		5825	/	/	0.165	0.212	77.83	1.09	0.49
802.11ac (VHT40)	SISO	5755	/	/	0.157	0.203	77.34	1.12	0.44
		5795	/	/	0.159	0.203	78.33	1.06	0.43
802.11ac (VHT80)	SISO	5775	/	/	0.165	0.212	77.83	1.09	0.34
802.11ax (HEW20)	SISO	5745	SU	/	0.175	0.222	78.83	1.03	0.24
		5785	SU	/	0.175	0.221	79.19	1.01	0.24
		5825	SU	/	0.175	0.223	78.48	1.05	0.78
802.11ax (HEW40)	SISO	5755	SU	/	0.173	0.218	79.36	1.00	0.62
		5795	SU	/	0.171	0.217	78.80	1.03	0.26
802.11ax (HEW80)	SISO	5775	SU	/	0.177	0.224	79.02	1.02	0.61

1.2 Test Graph

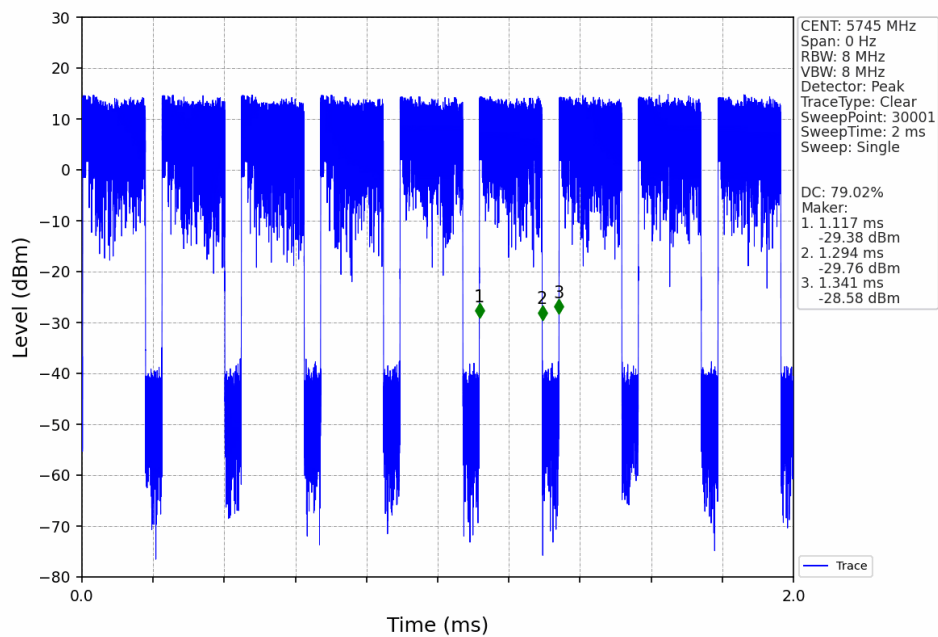
1.2.1 Ant1



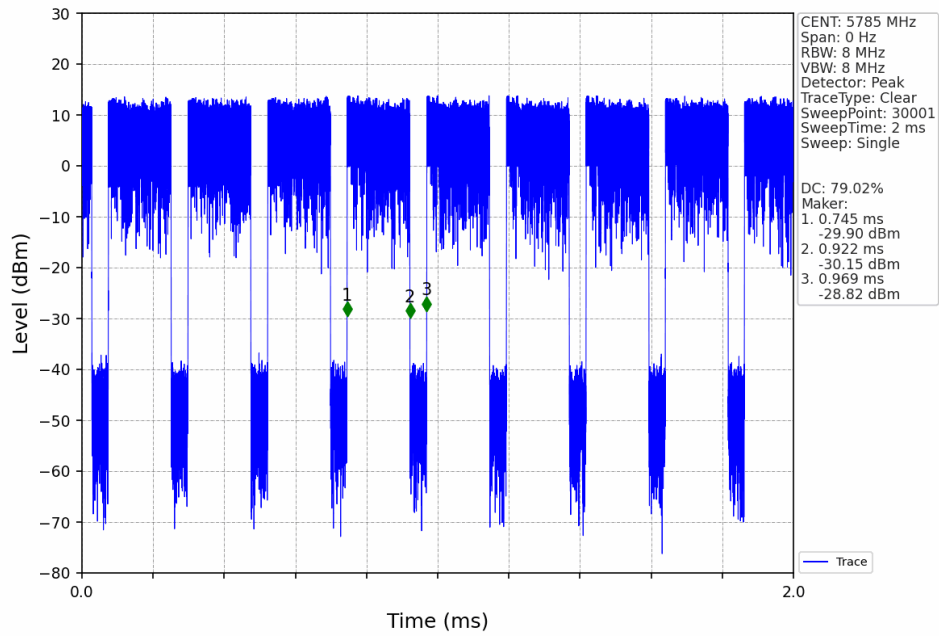
802.11a_HCH_5825MHz_Ant1_NTNV



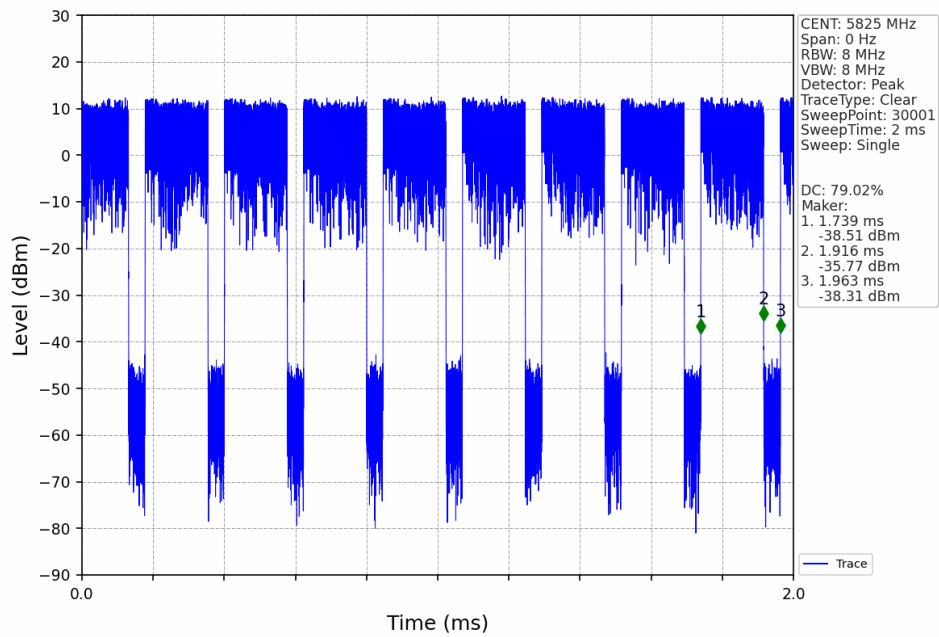
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



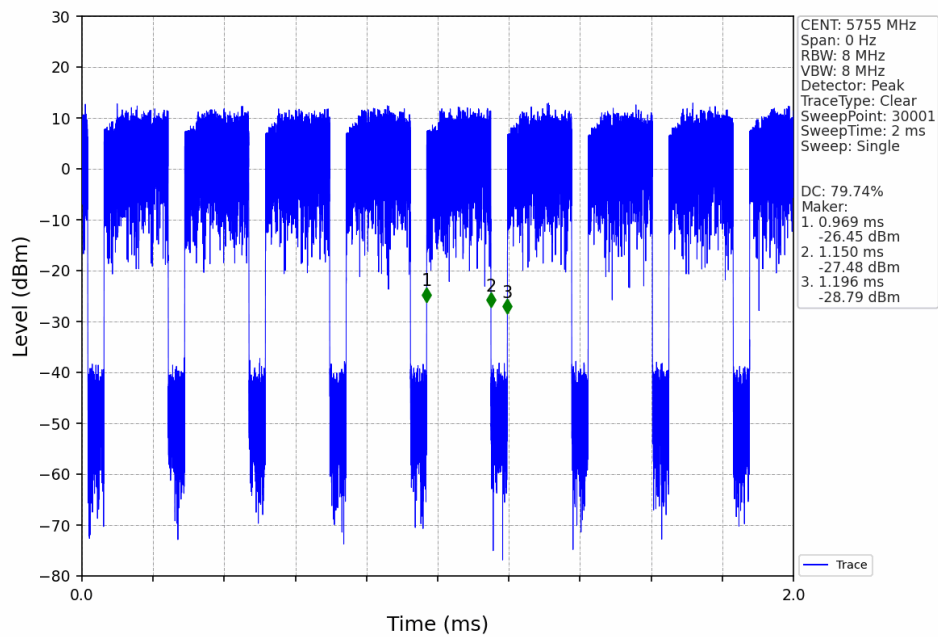
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



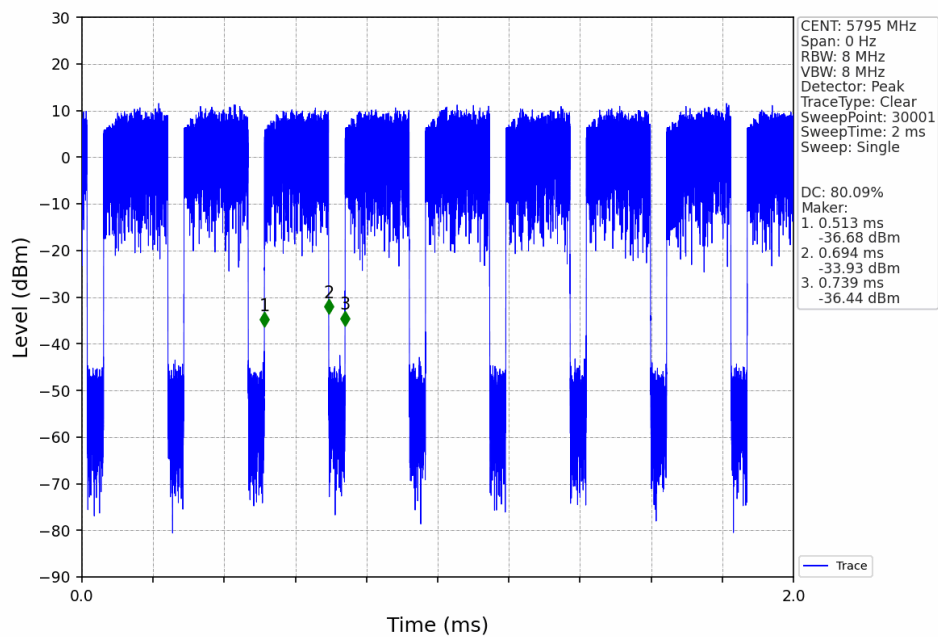
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



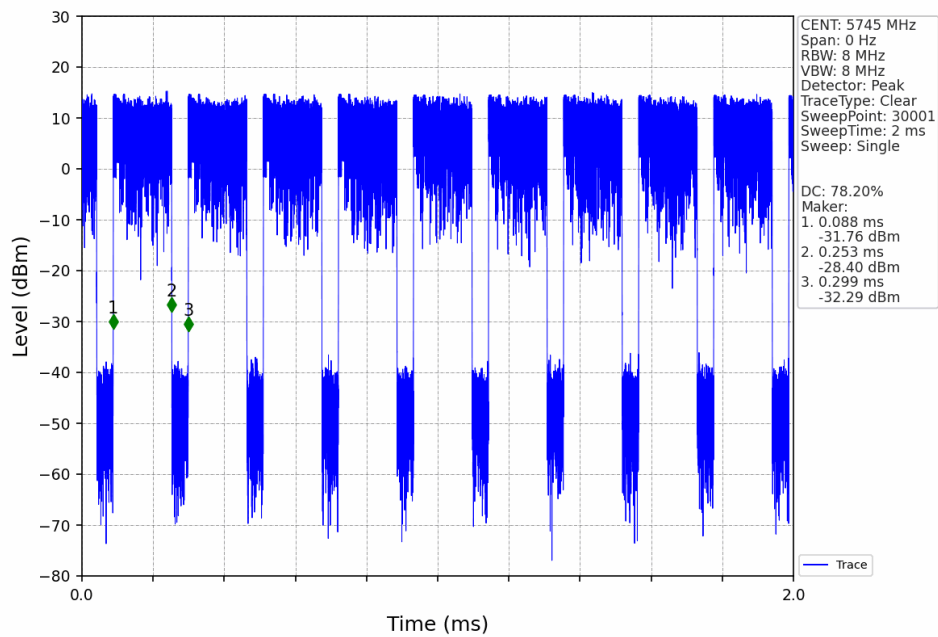
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



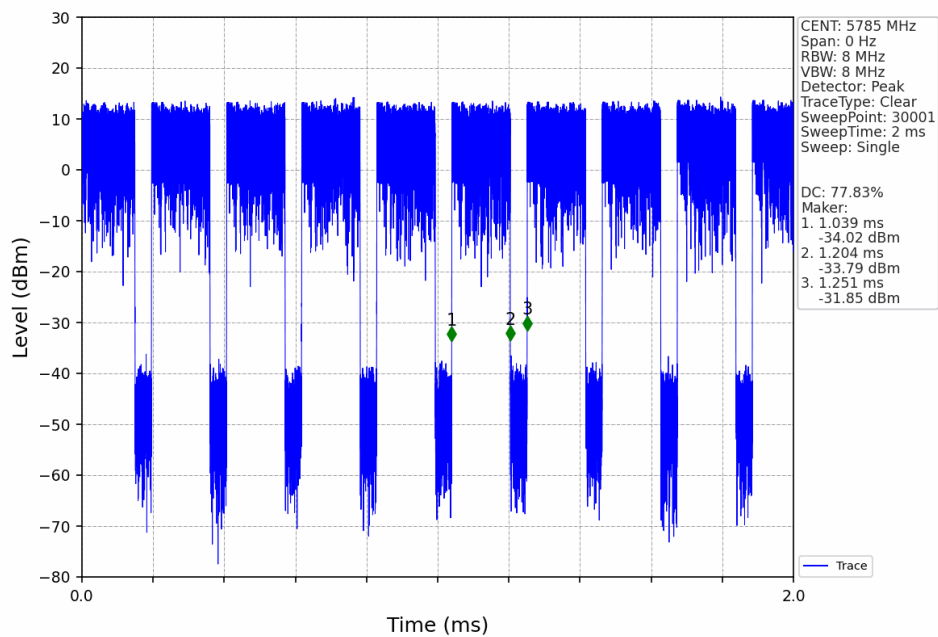
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



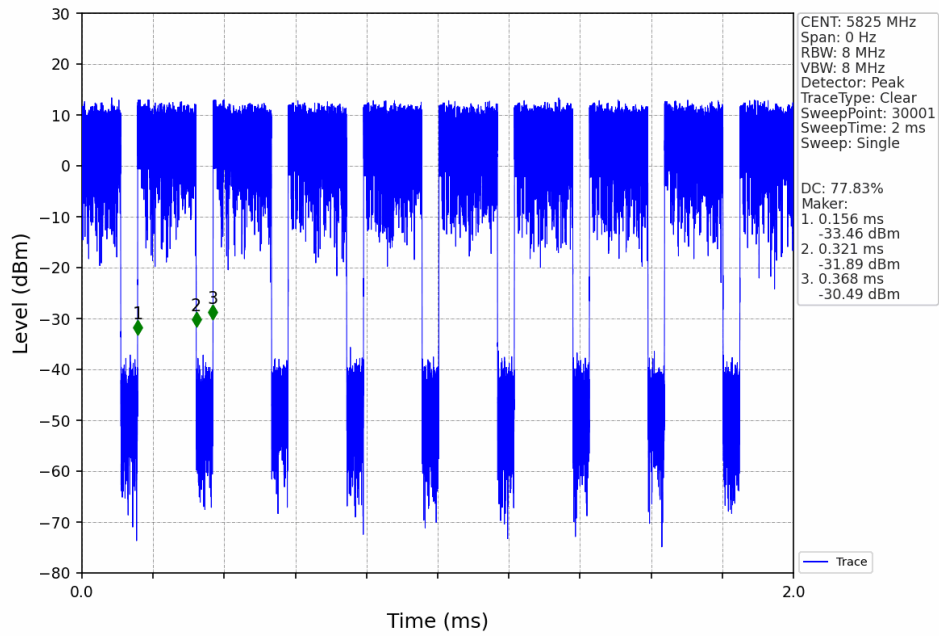
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



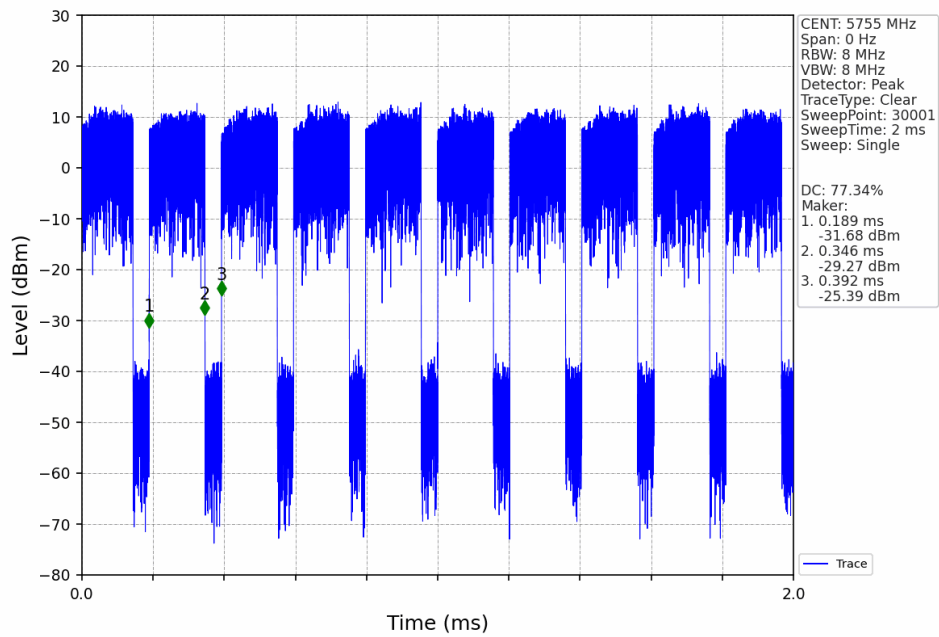
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



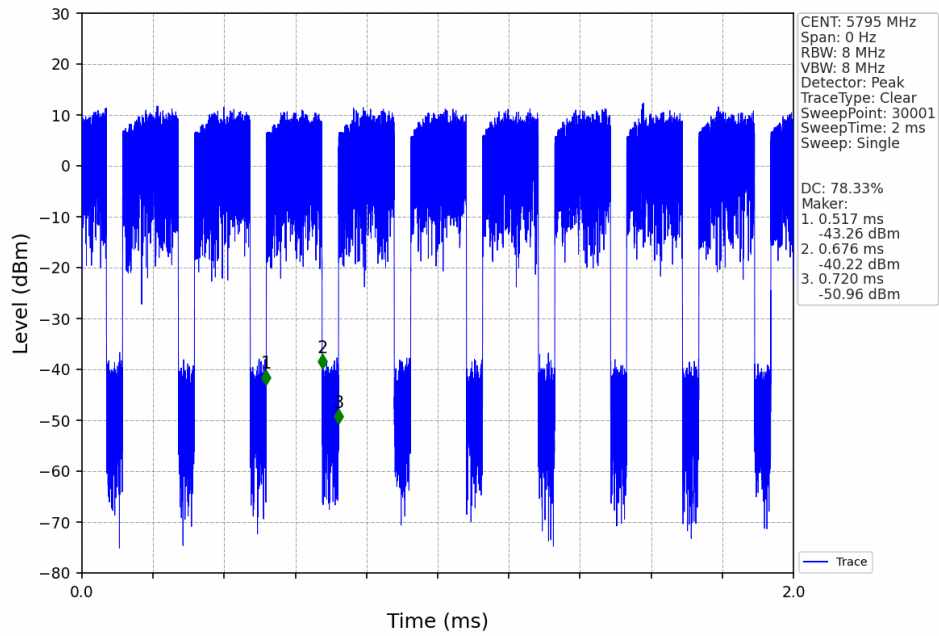
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



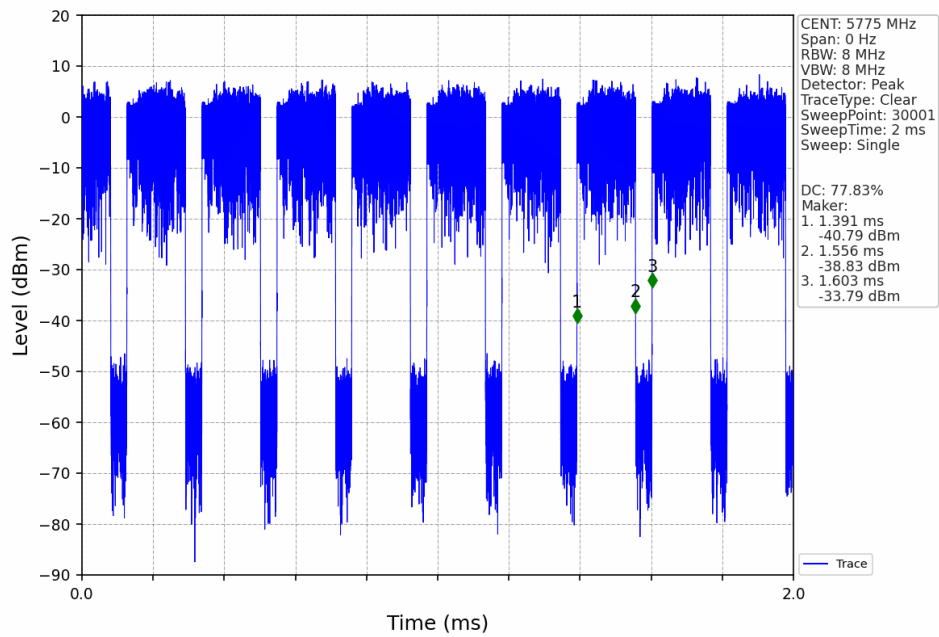
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



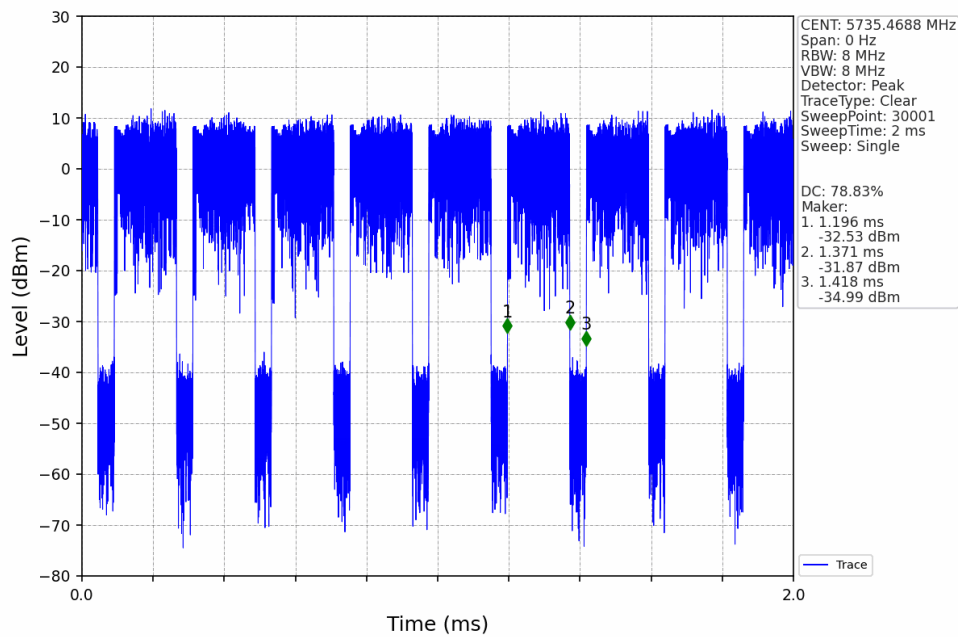
802.11ac(VHT40) HCH 5795MHz_Ant1_NTNV



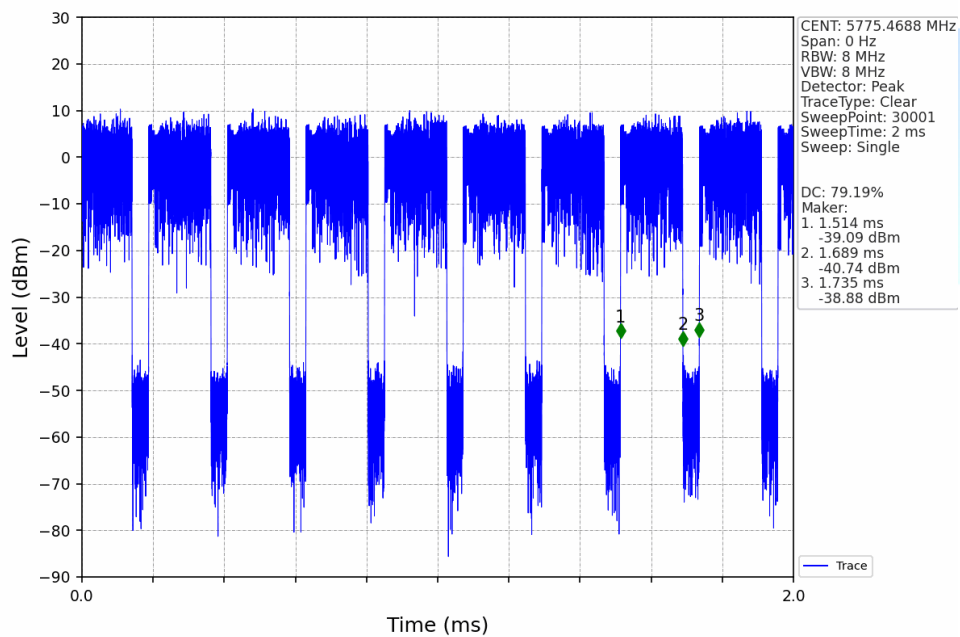
802.11ac(VHT80) MCH 5775MHz_Ant1_NTNV



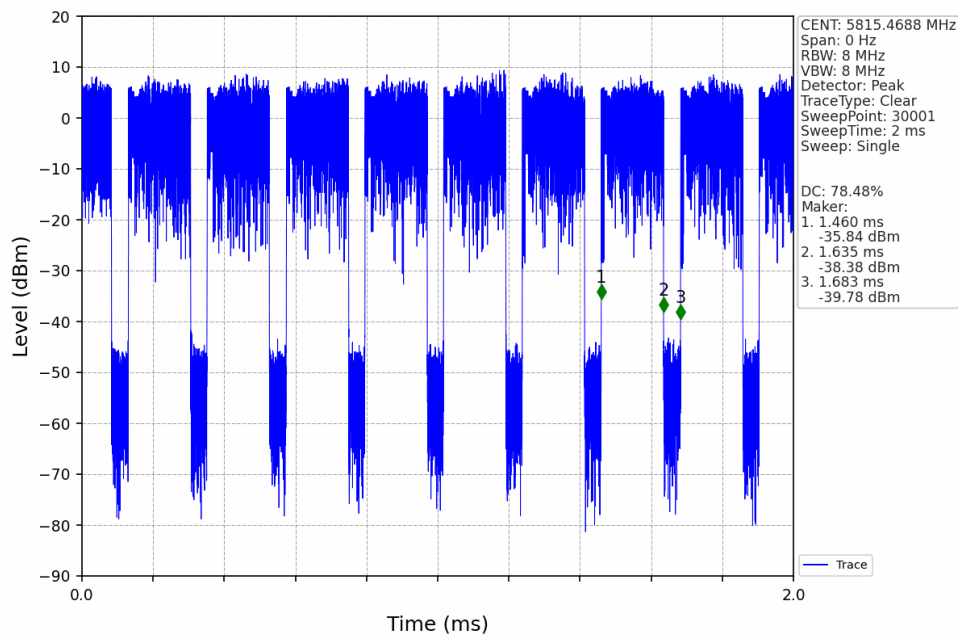
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



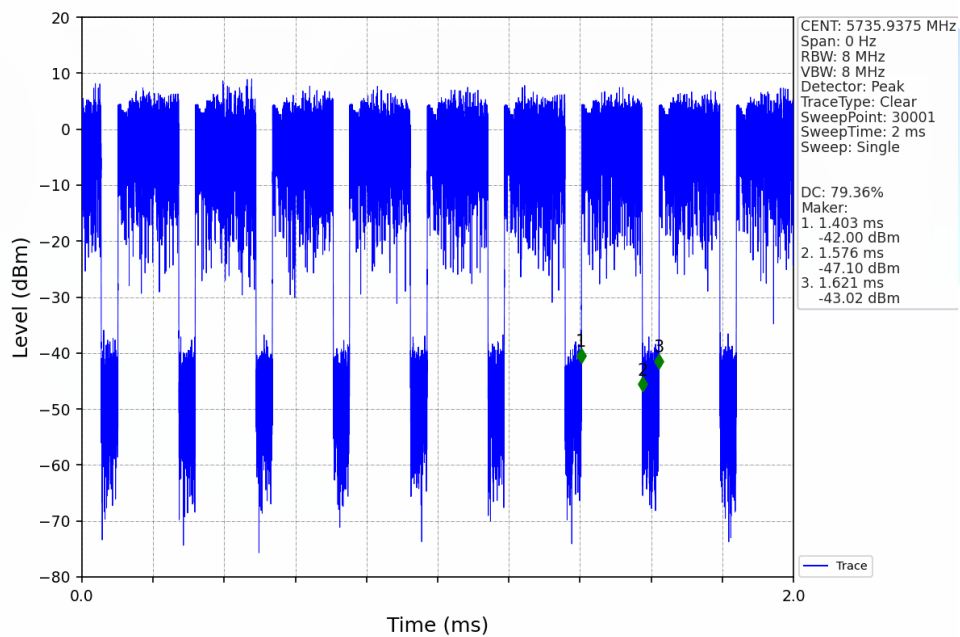
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



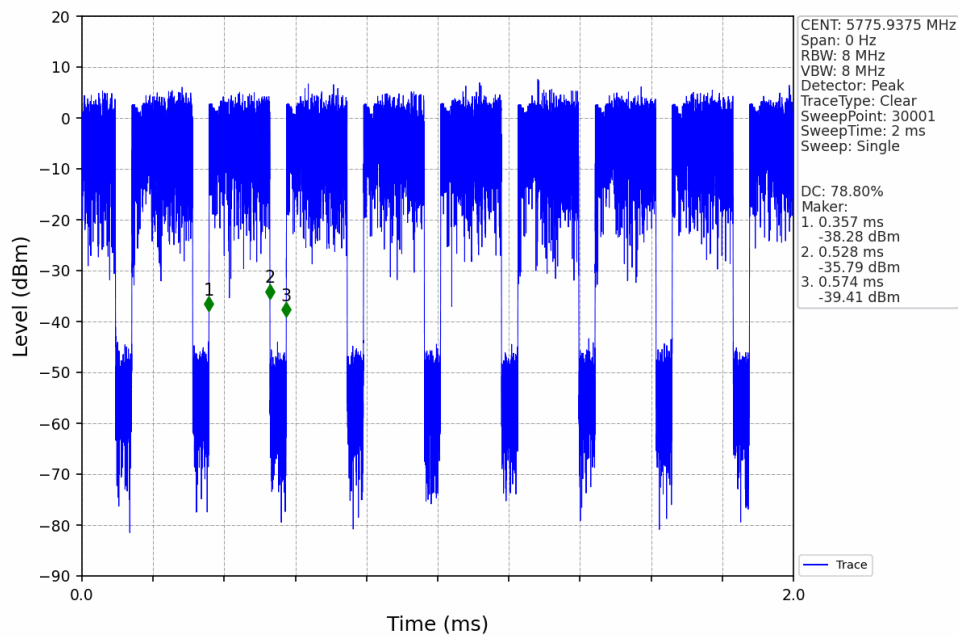
802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



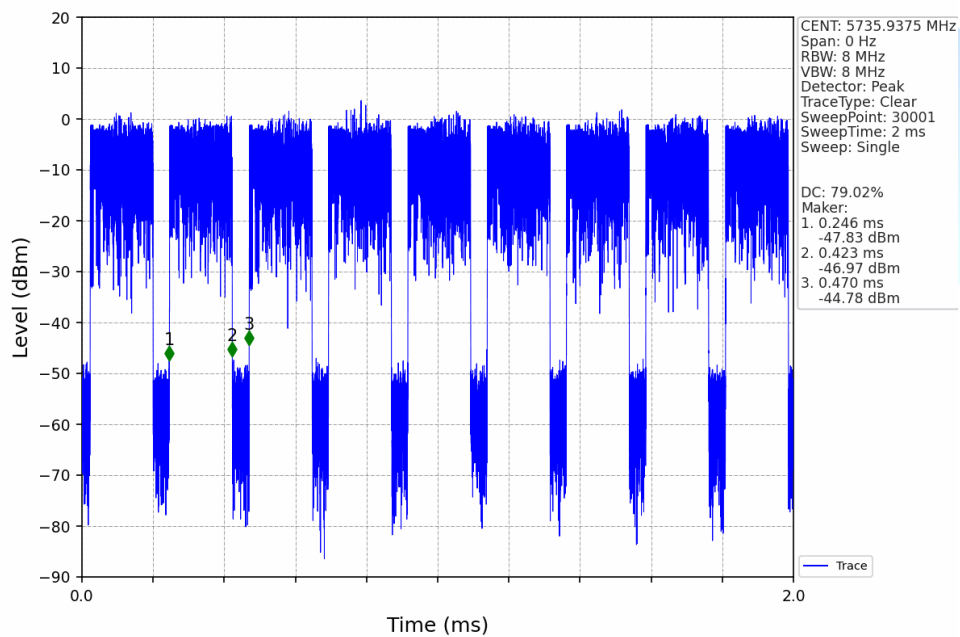
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



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	17.864	/	Pass
		5785	/	/	1	17.446	/	Pass
		5825	/	/	1	17.430	/	Pass
802.11n (HT20)	SISO	5745	/	/	1	18.661	/	Pass
		5785	/	/	1	18.409	/	Pass
		5825	/	/	1	18.475	/	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.773	/	Pass
		5795	/	/	1	36.489	/	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	18.654	/	Pass
		5785	/	/	1	18.405	/	Pass
		5825	/	/	1	18.353	/	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.888	/	Pass
		5795	/	/	1	36.540	/	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	75.618	/	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	19.162	/	Pass
		5785	SU	/	1	19.137	/	Pass
		5825	SU	/	1	19.086	/	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	38.016	/	Pass
		5795	SU	/	1	37.887	/	Pass
802.11ax (HEW80)	SISO	5775	SU	/	1	76.994	/	Pass

2.1.2 6dB BW

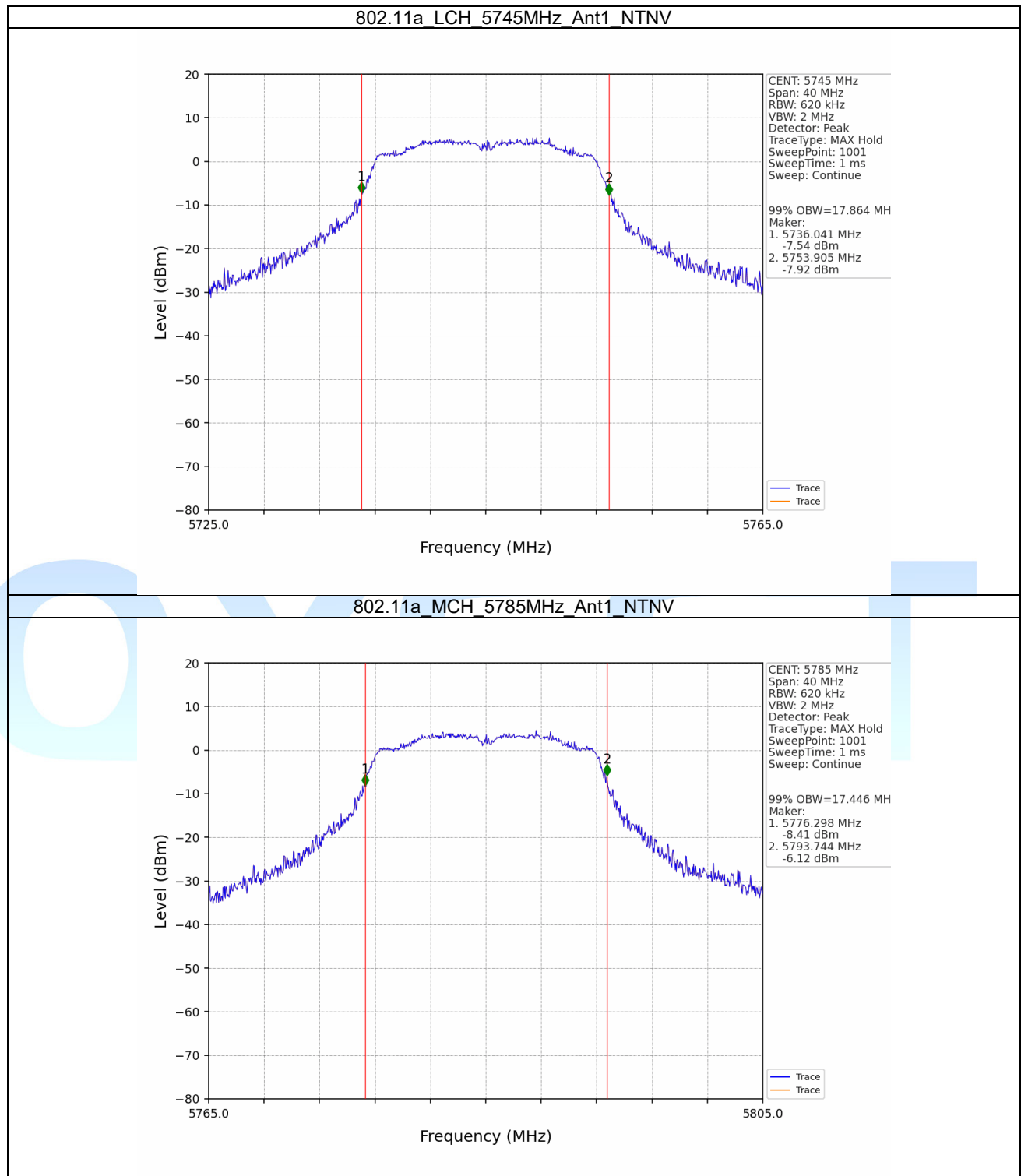
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	15.169	≥ 0.5	Pass
		5785	/	/	1	15.162	≥ 0.5	Pass
		5825	/	/	1	15.161	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	15.171	≥ 0.5	Pass
		5785	/	/	1	15.165	≥ 0.5	Pass
		5825	/	/	1	15.163	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	35.125	≥ 0.5	Pass
		5795	/	/	1	35.122	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	15.166	≥ 0.5	Pass
		5785	/	/	1	15.161	≥ 0.5	Pass
		5825	/	/	1	15.160	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	35.123	≥ 0.5	Pass
		5795	/	/	1	35.122	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	75.090	≥ 0.5	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	15.257	≥ 0.5	Pass
		5785	SU	/	1	15.166	≥ 0.5	Pass
		5825	SU	/	1	15.169	≥ 0.5	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	35.493	≥ 0.5	Pass
		5795	SU	/	1	35.132	≥ 0.5	Pass
802.11ax	SISO	5775	SU	/	1	75.106	≥ 0.5	Pass

(HEW80)								
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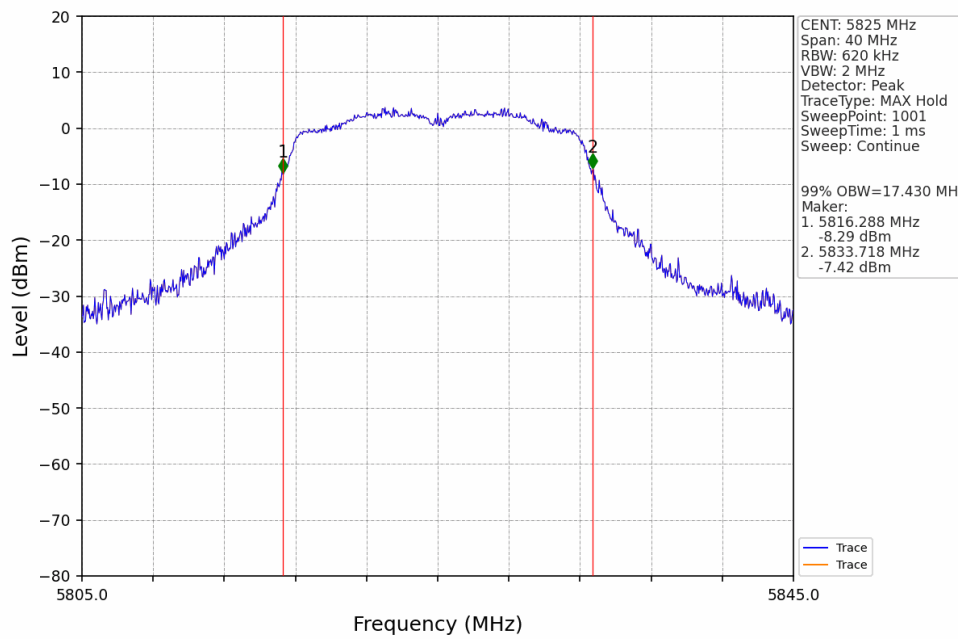


2.2 Test Graph

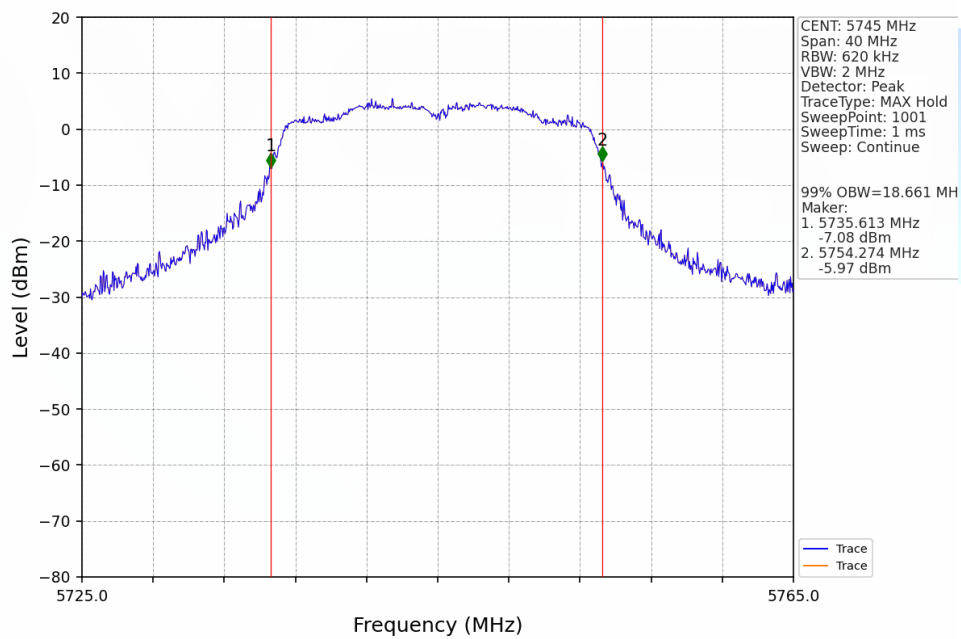
2.2.1 OBW



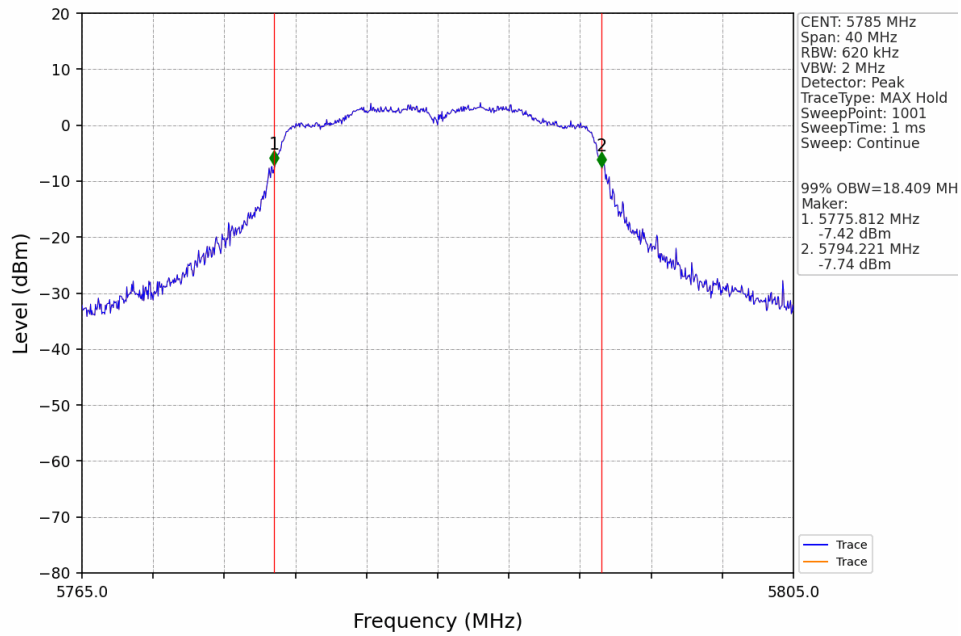
802.11a_HCH_5825MHz_Ant1_NTNV



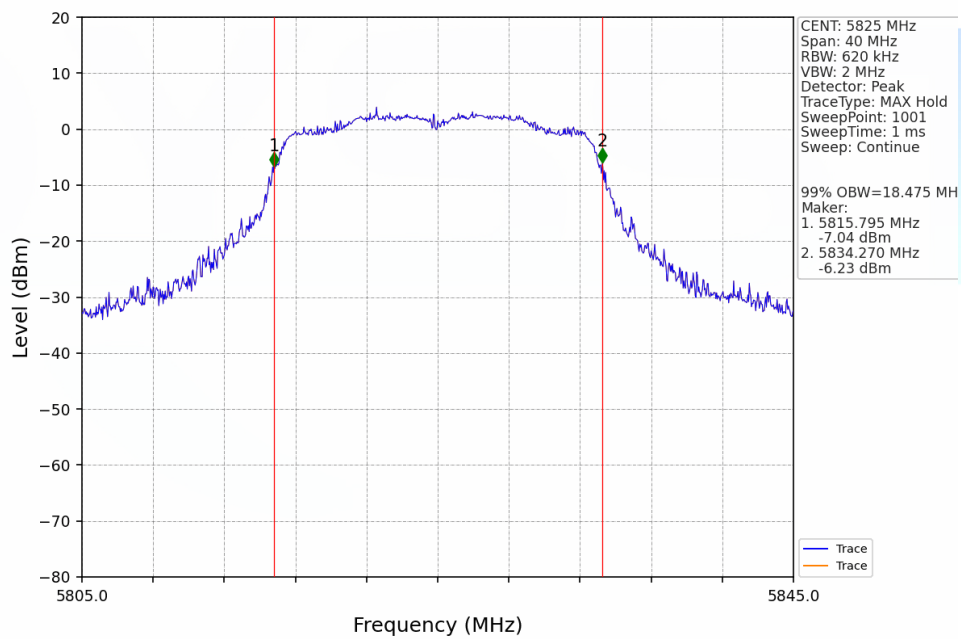
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



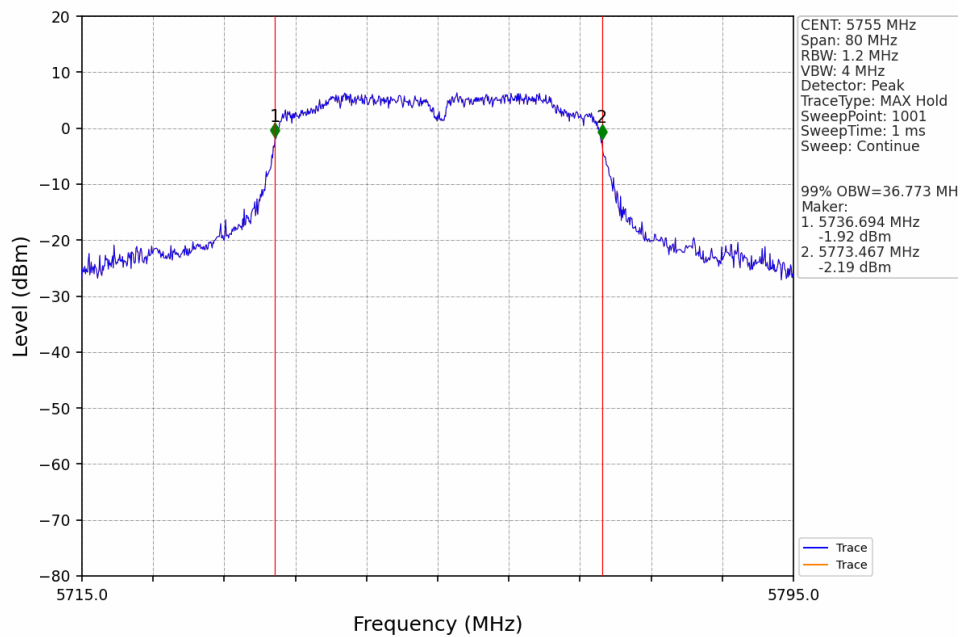
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



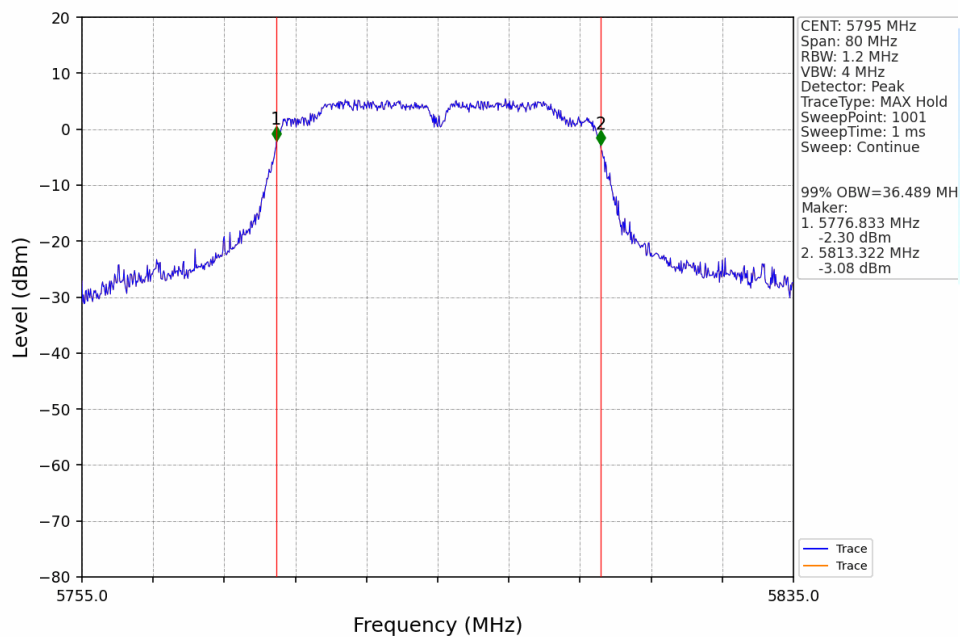
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



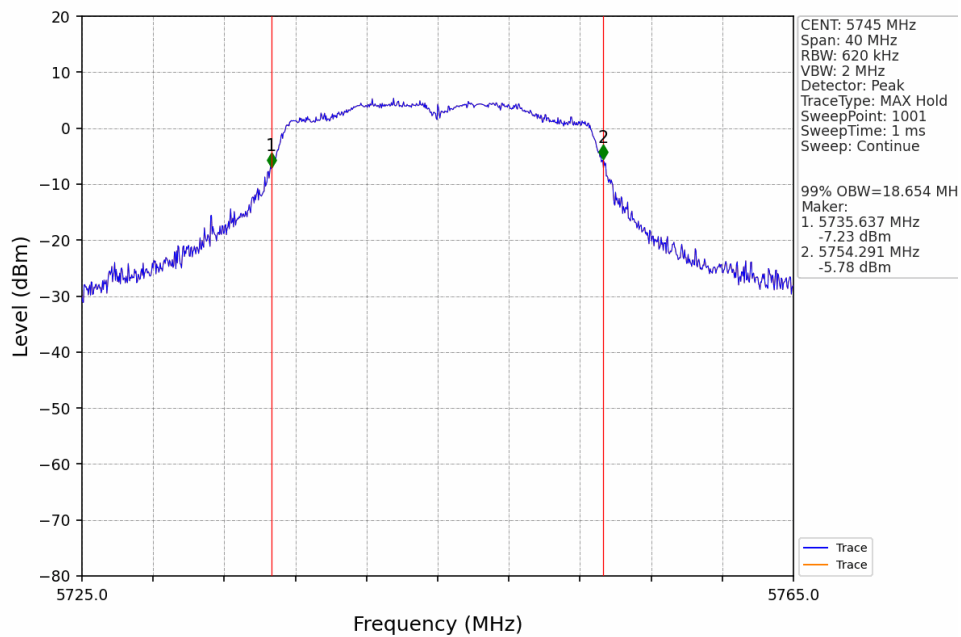
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



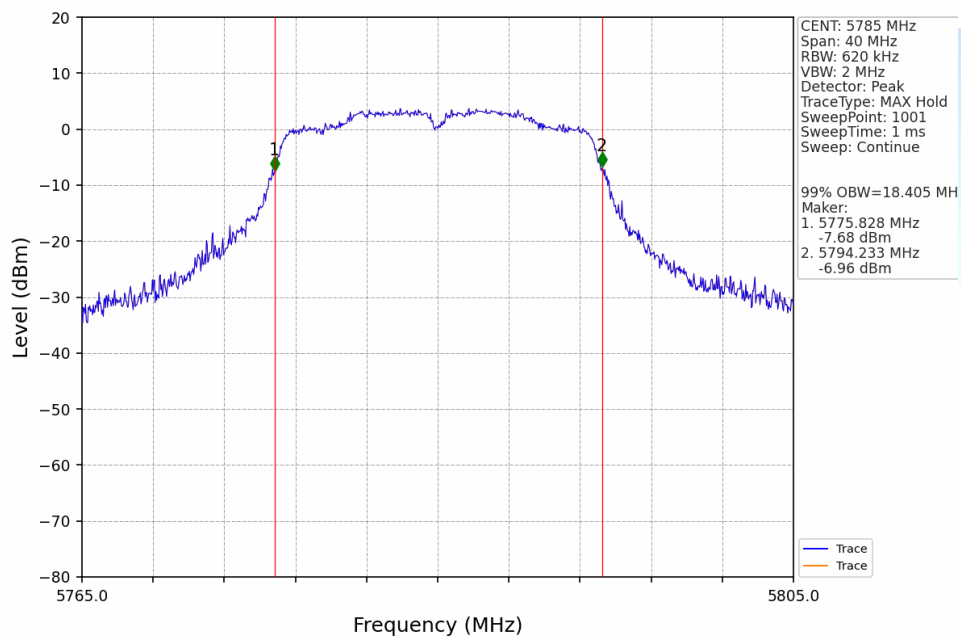
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



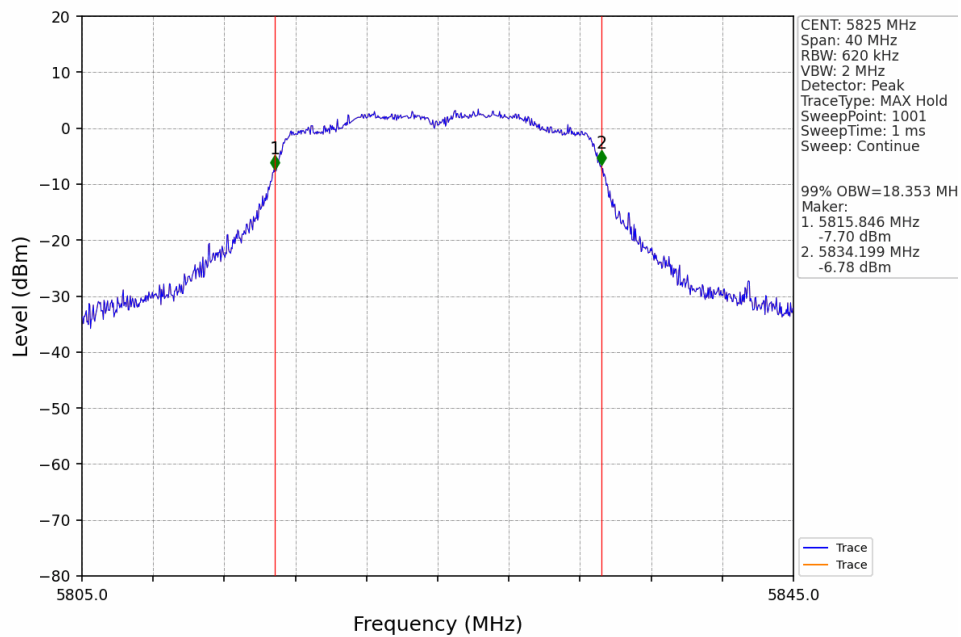
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



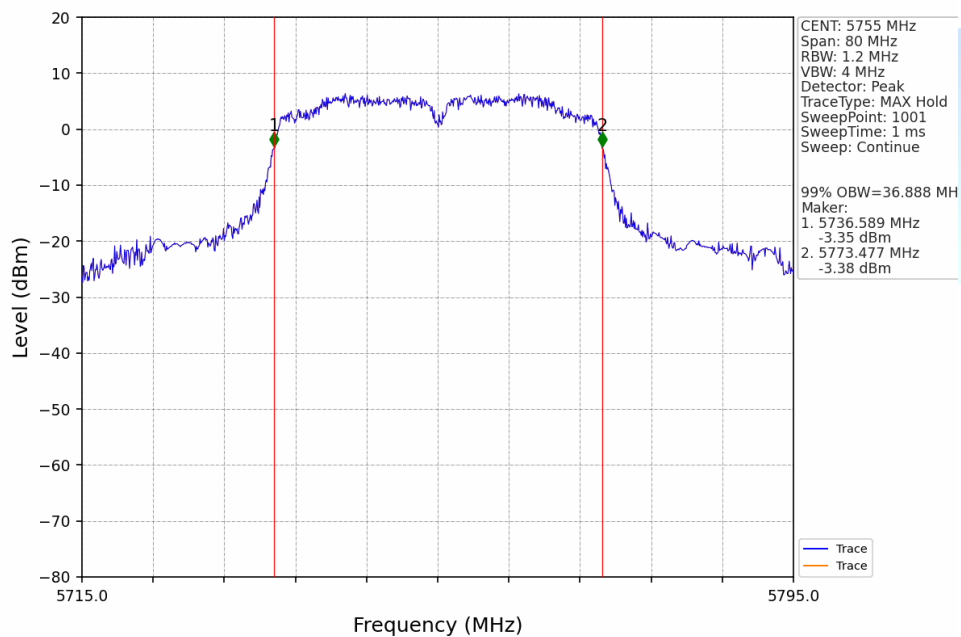
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



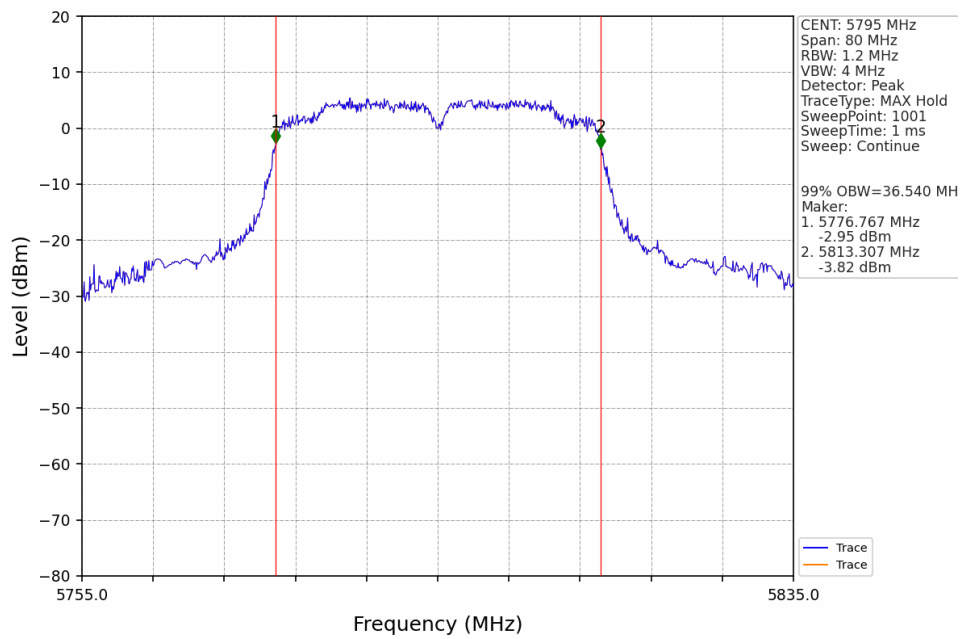
802.11ac(VHT20) HCH 5825MHz Ant1_NTNV



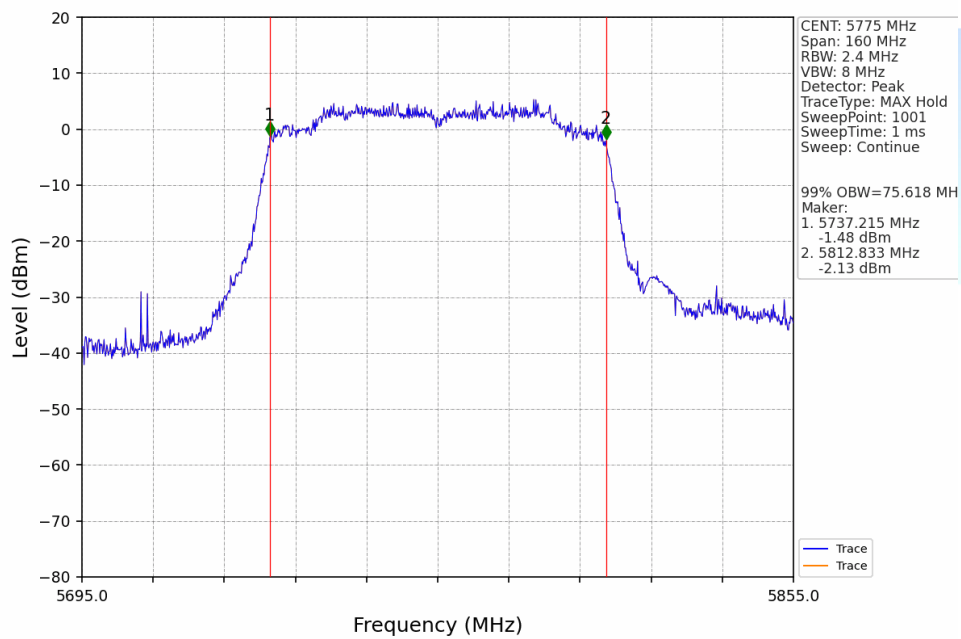
802.11ac(VHT40) LCH 5755MHz Ant1_NTNV



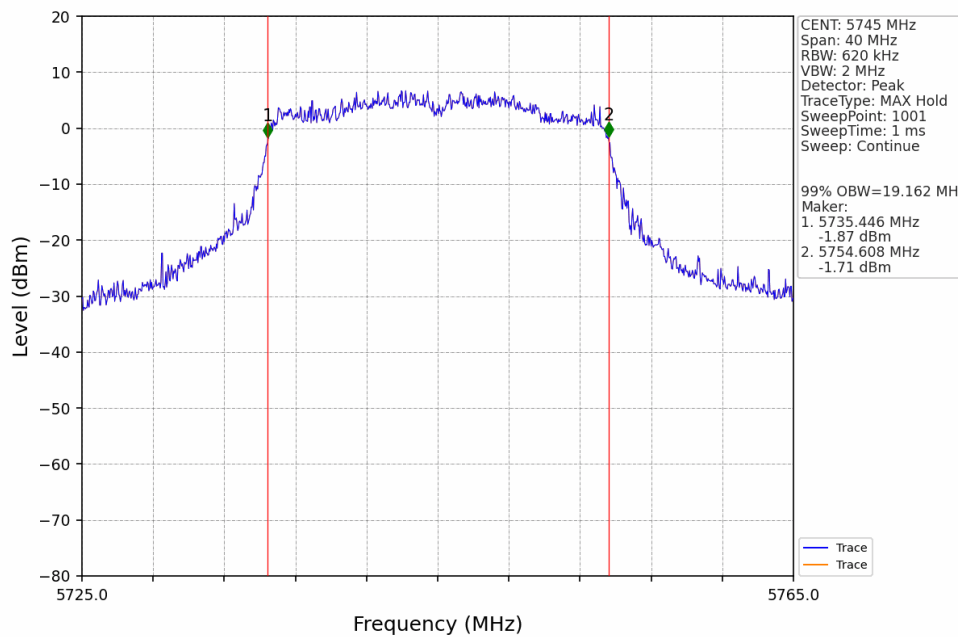
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



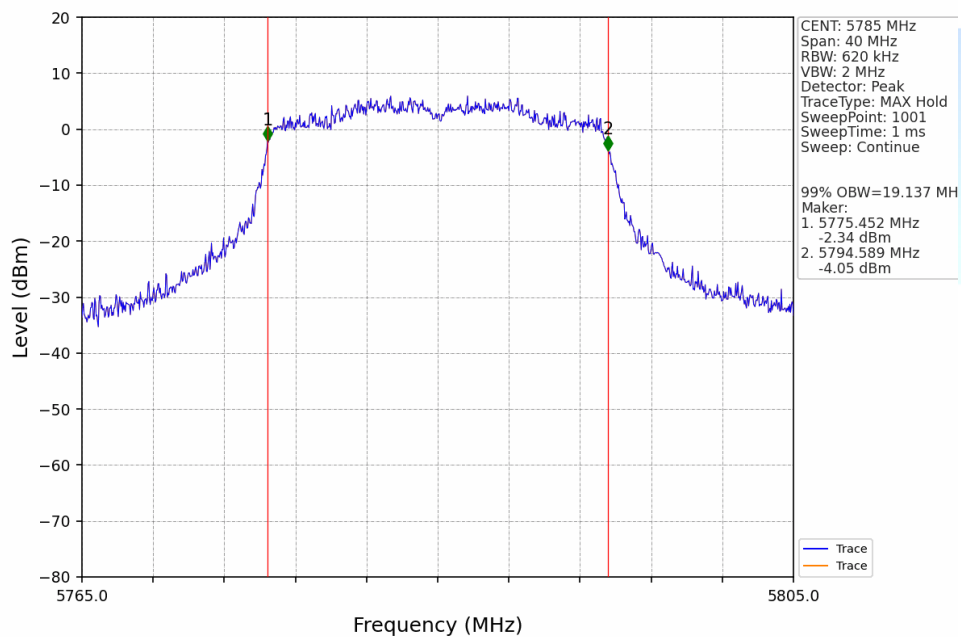
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



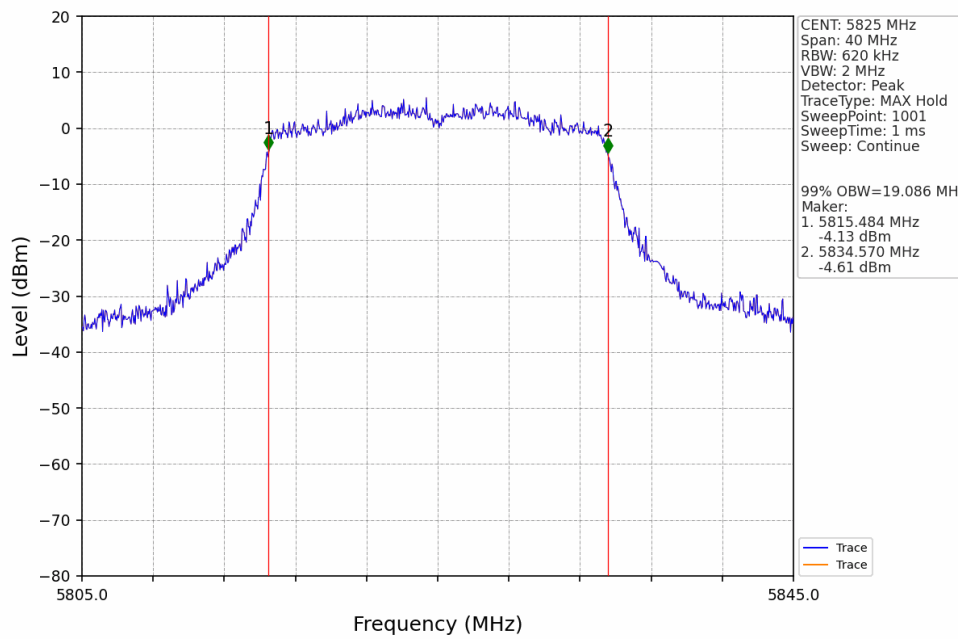
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



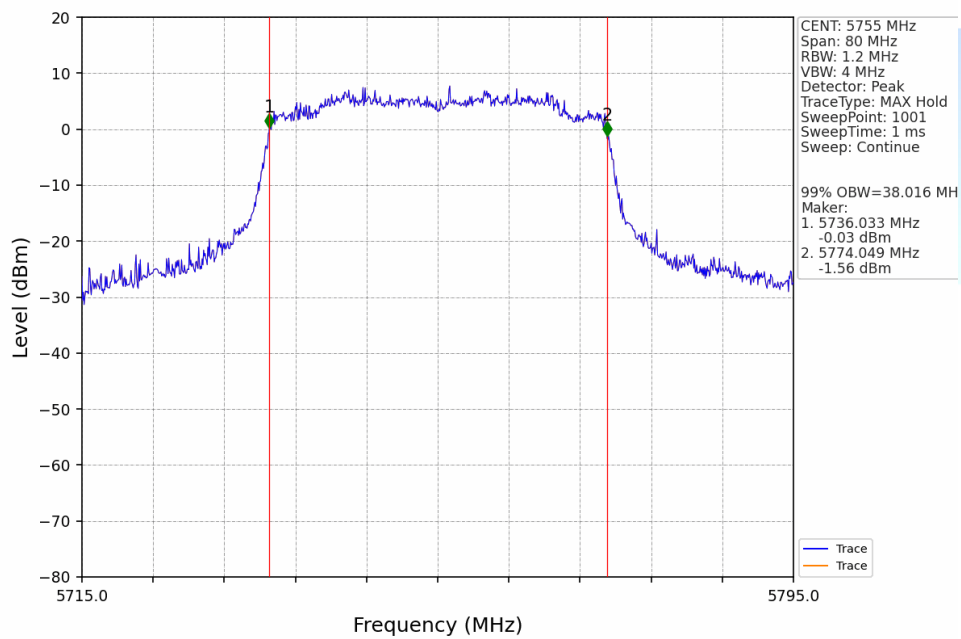
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



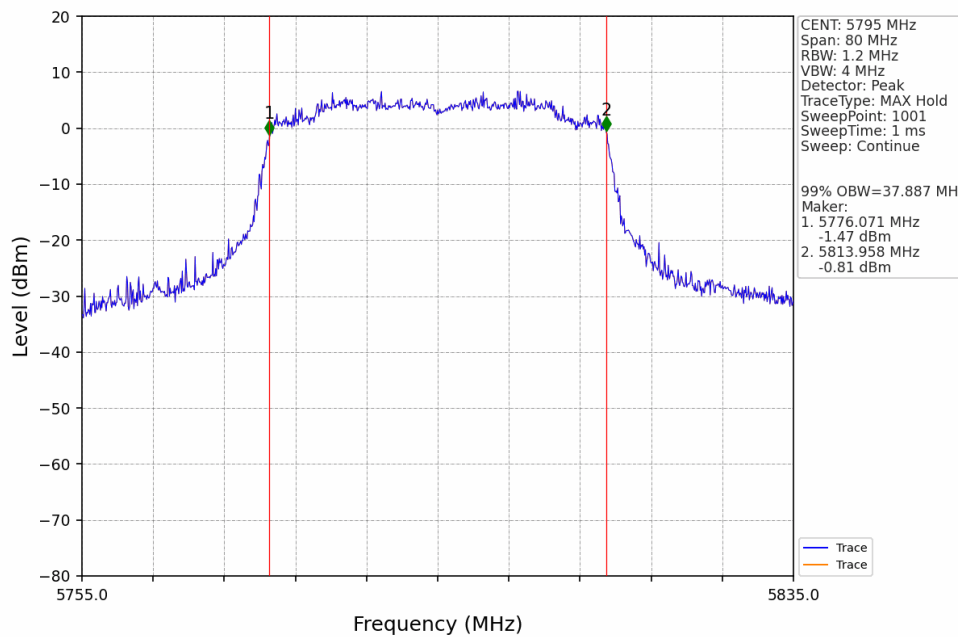
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



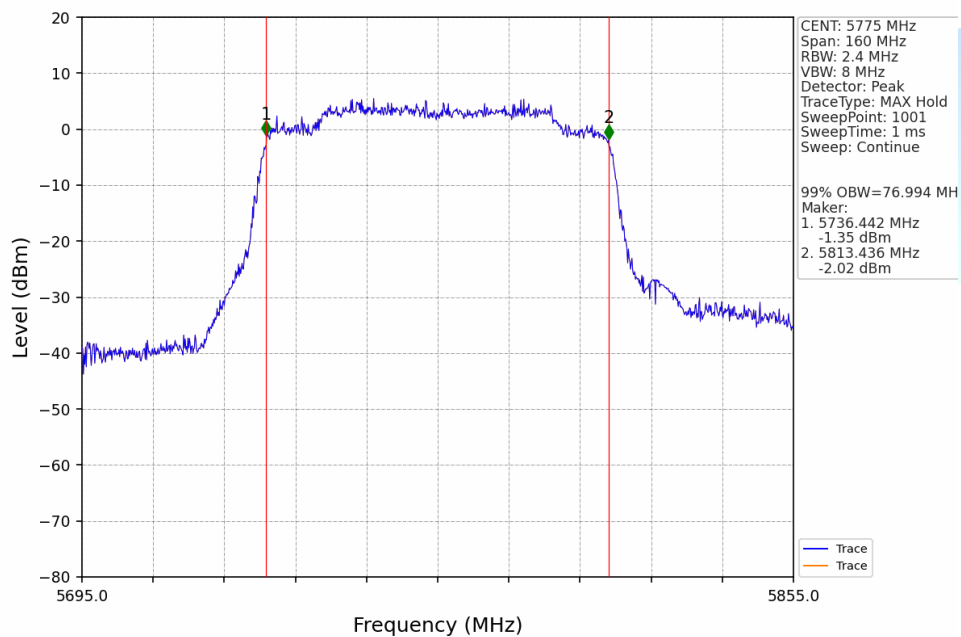
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



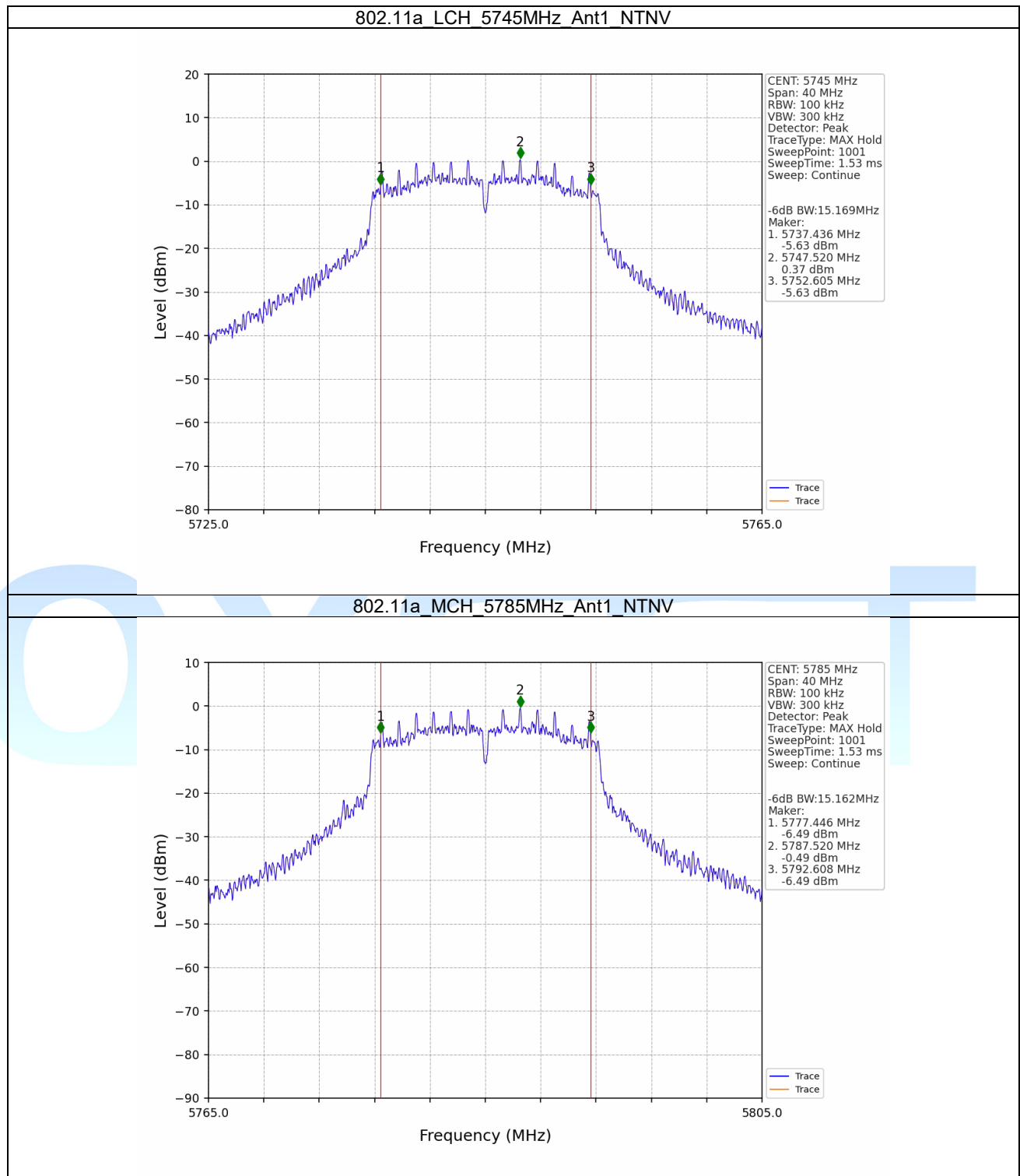
802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



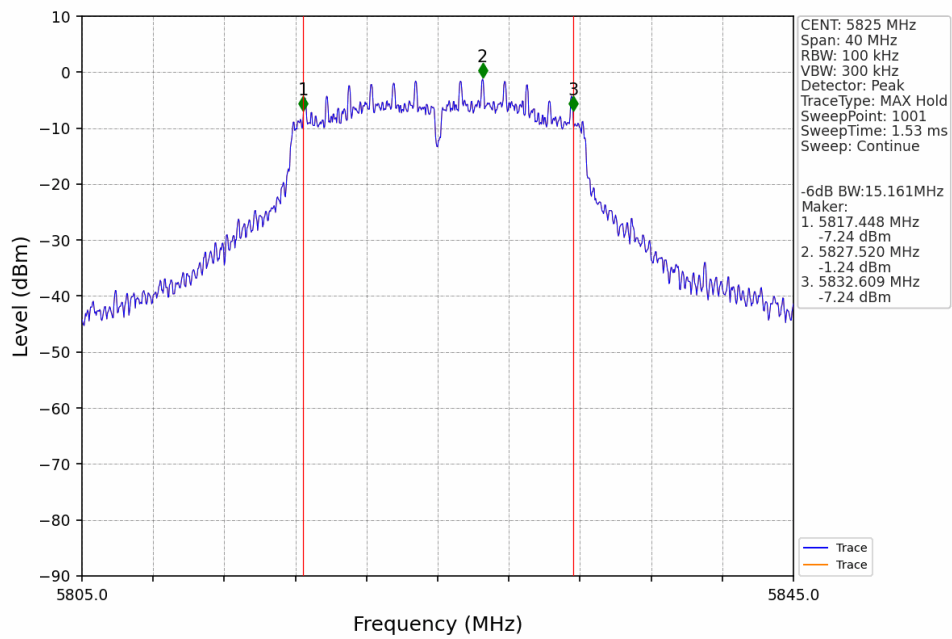
802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



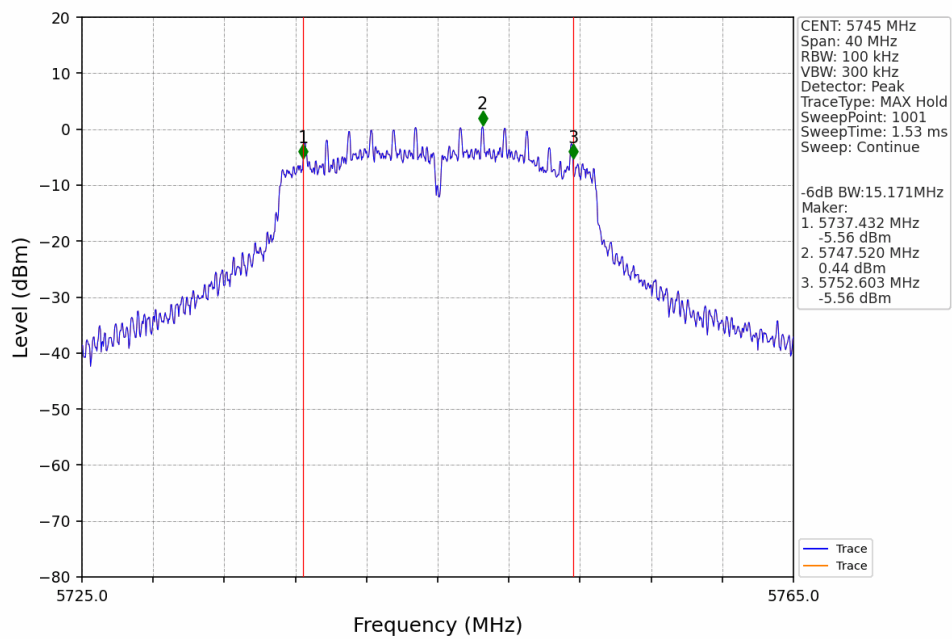
2.2.2 6dB BW



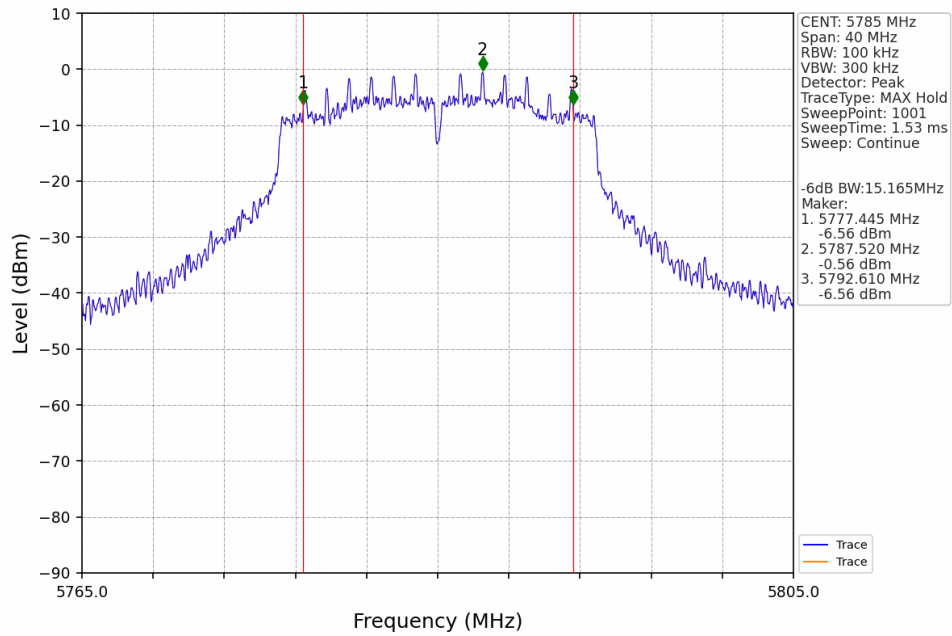
802.11a_HCH_5825MHz_Ant1_NTNV



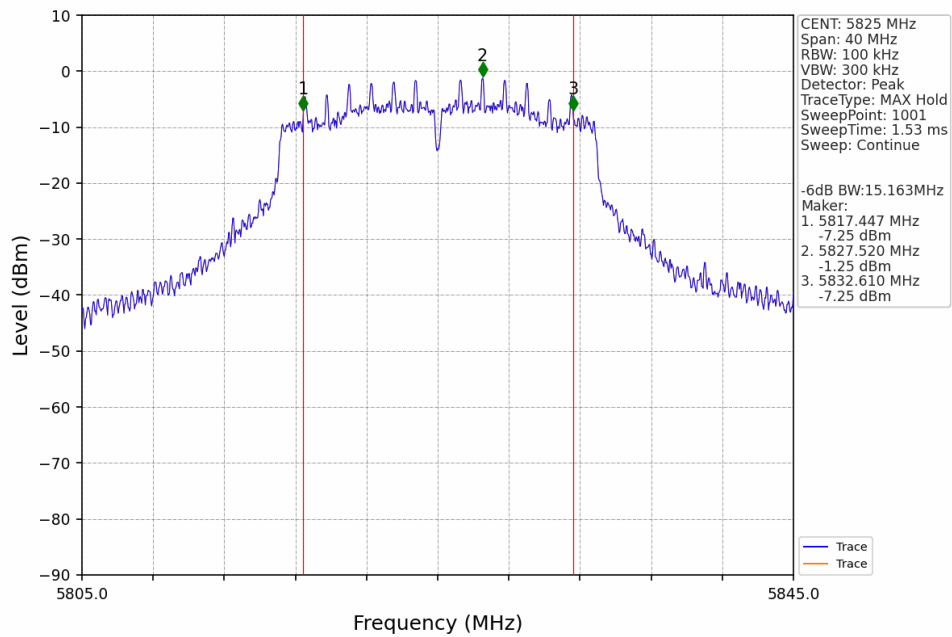
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



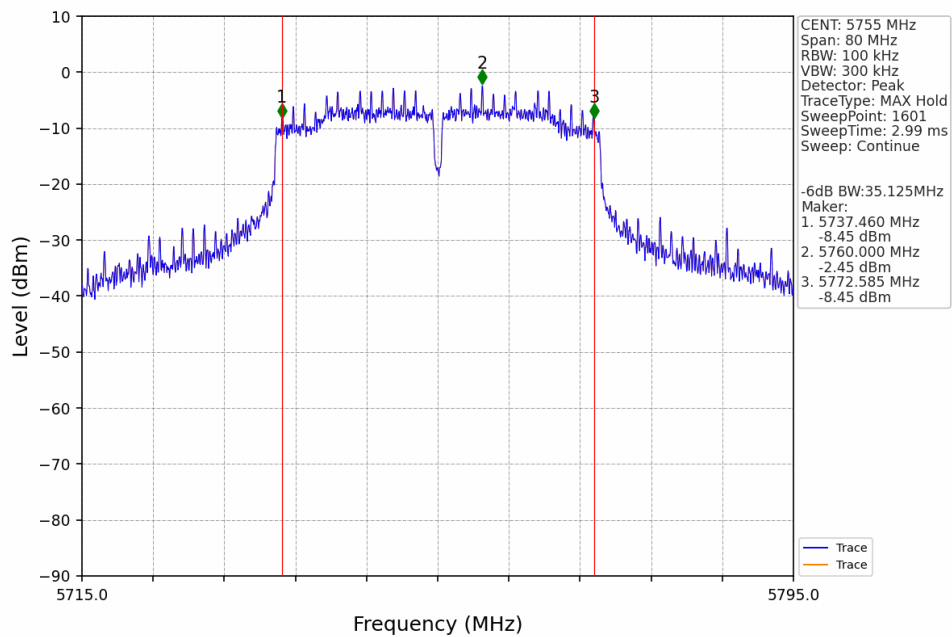
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



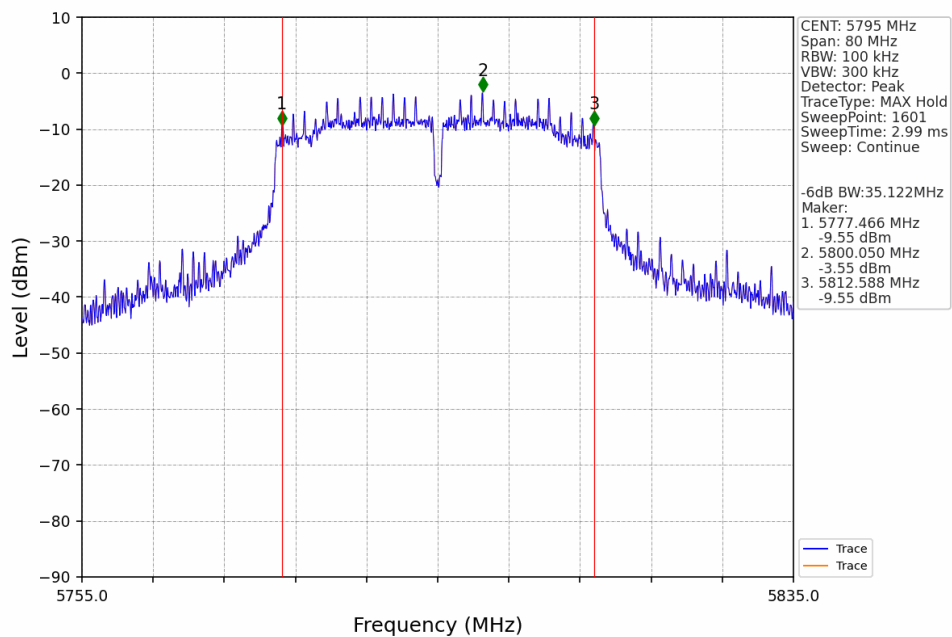
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



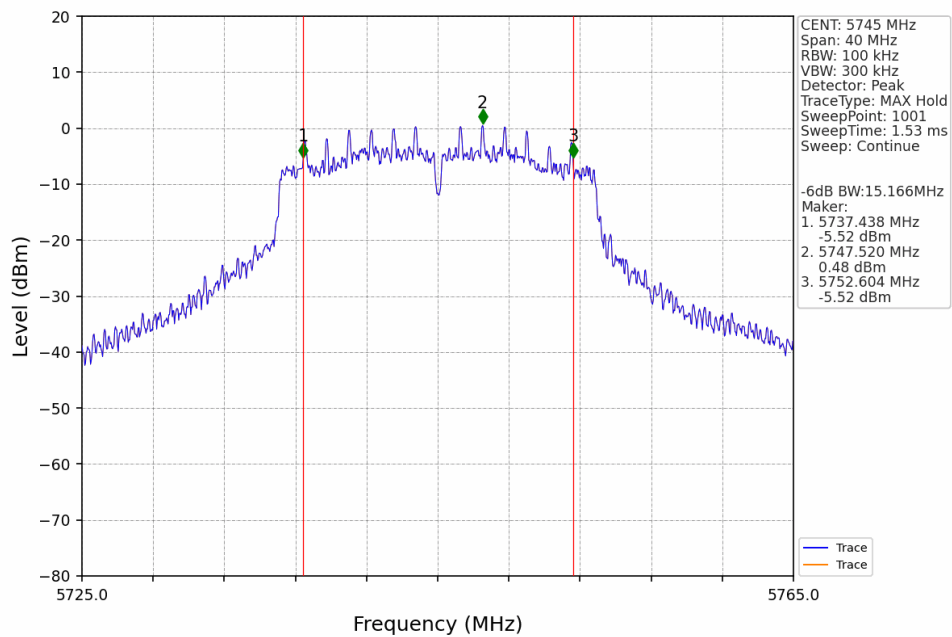
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



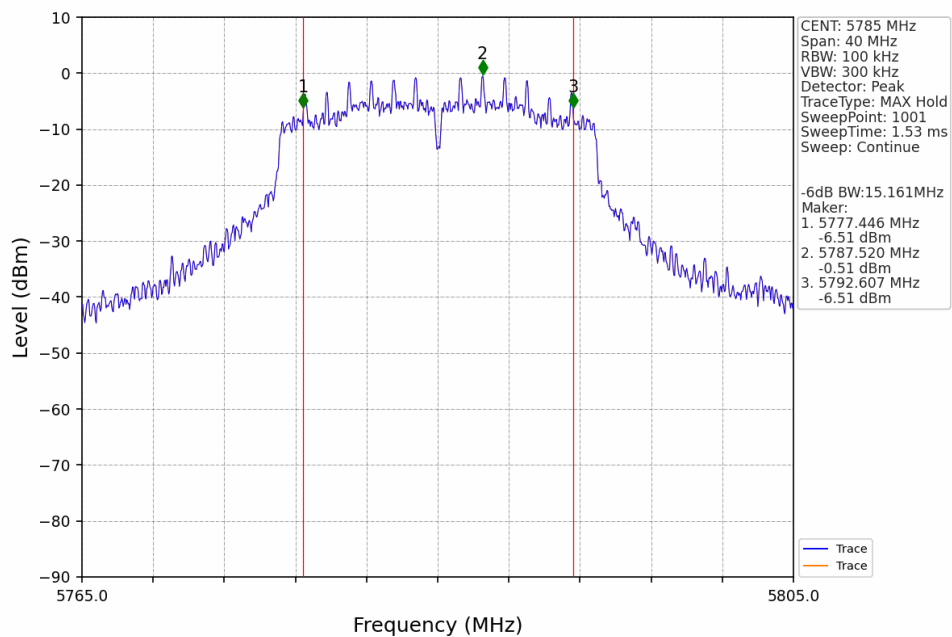
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



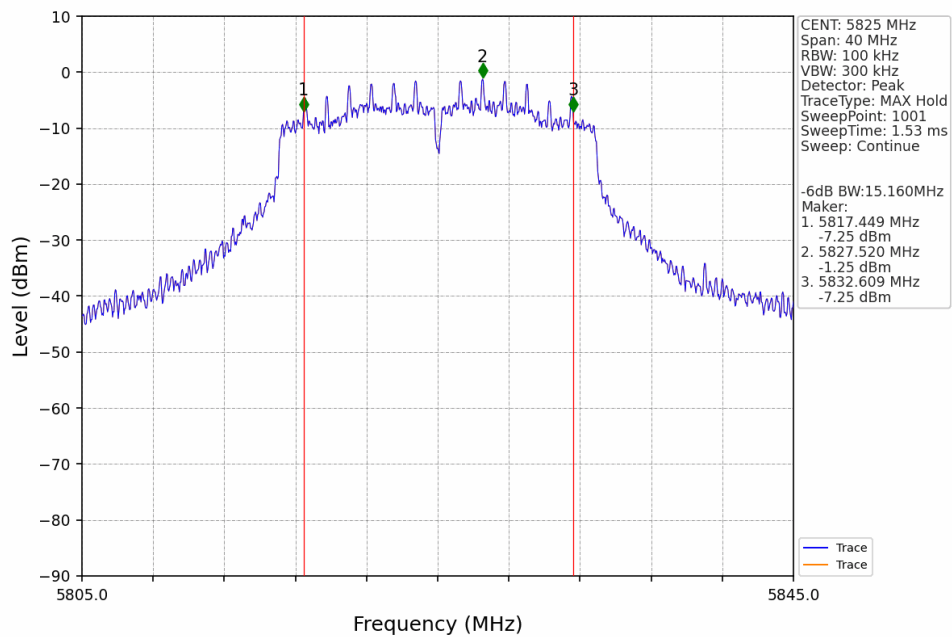
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



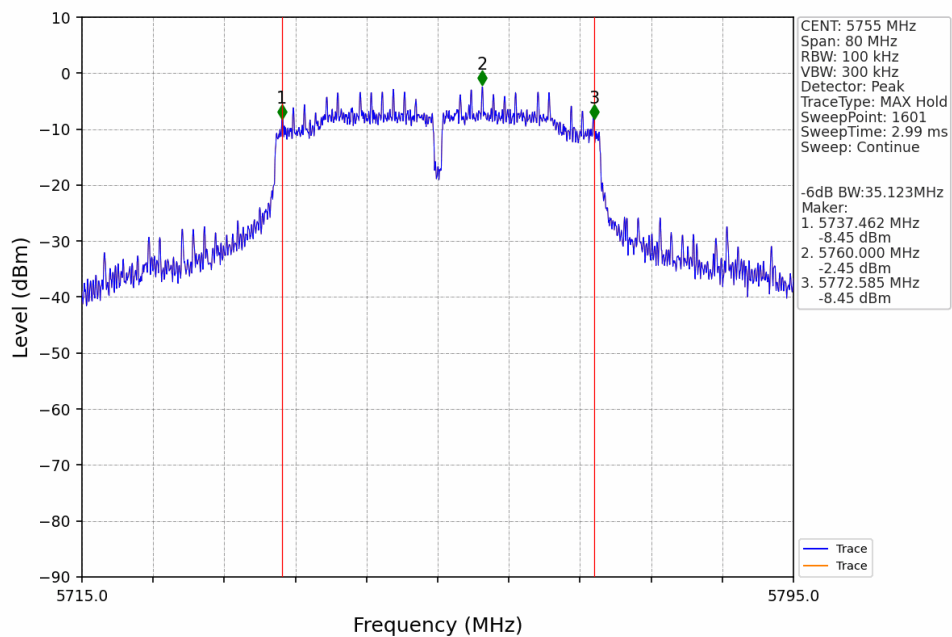
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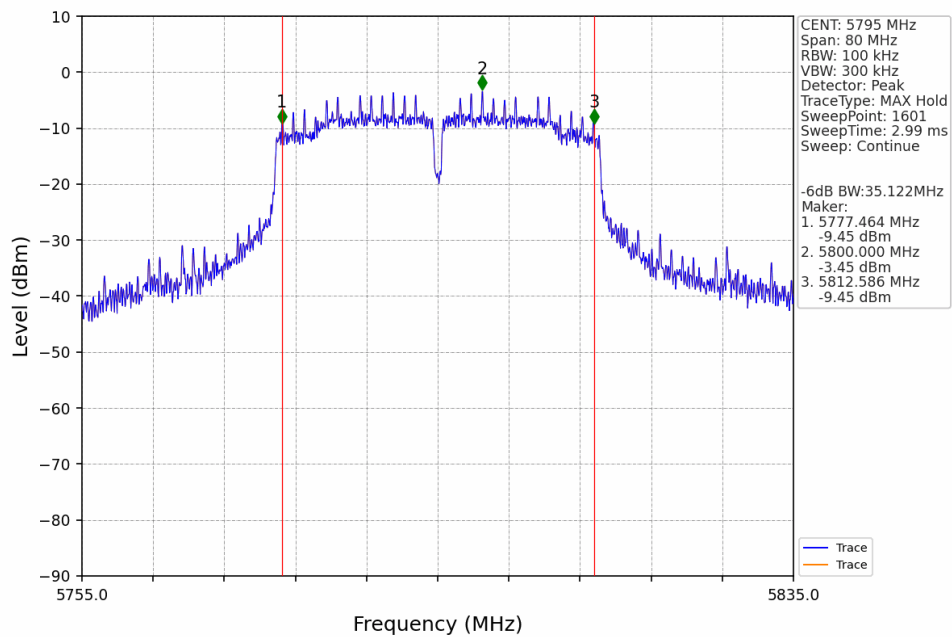
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



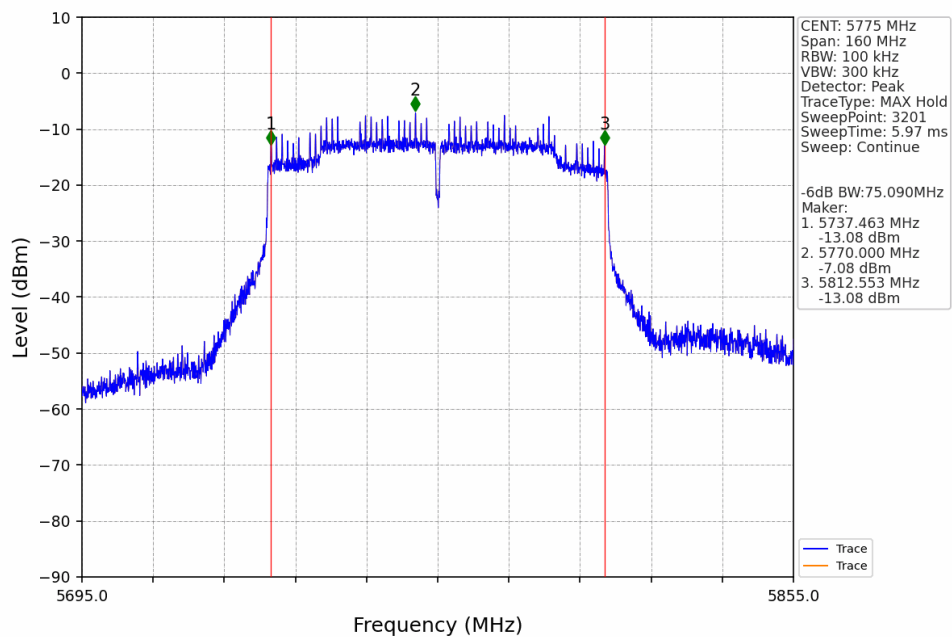
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



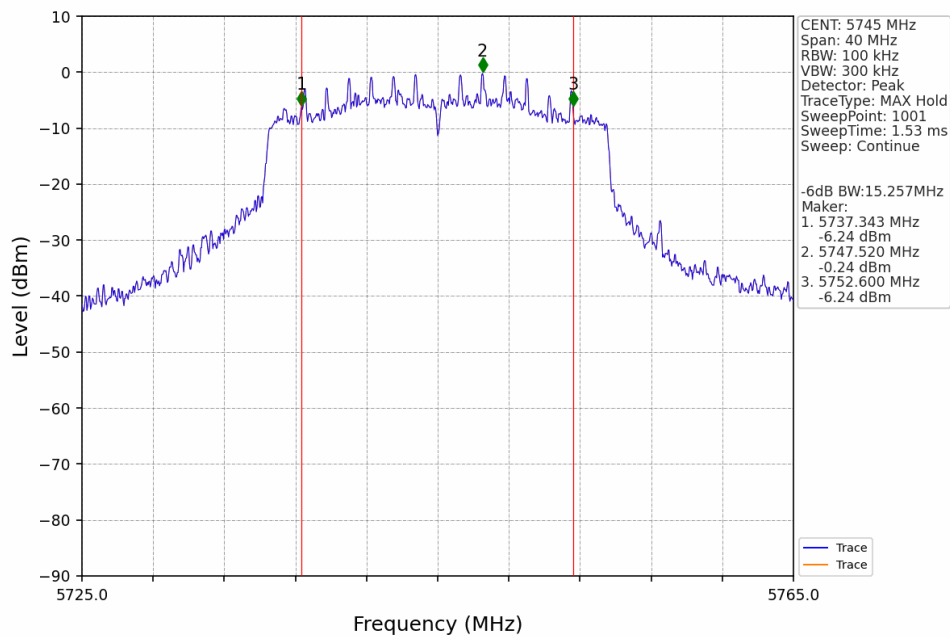
802.11ac(VHT40) HCH 5795MHz Ant1_NTNV



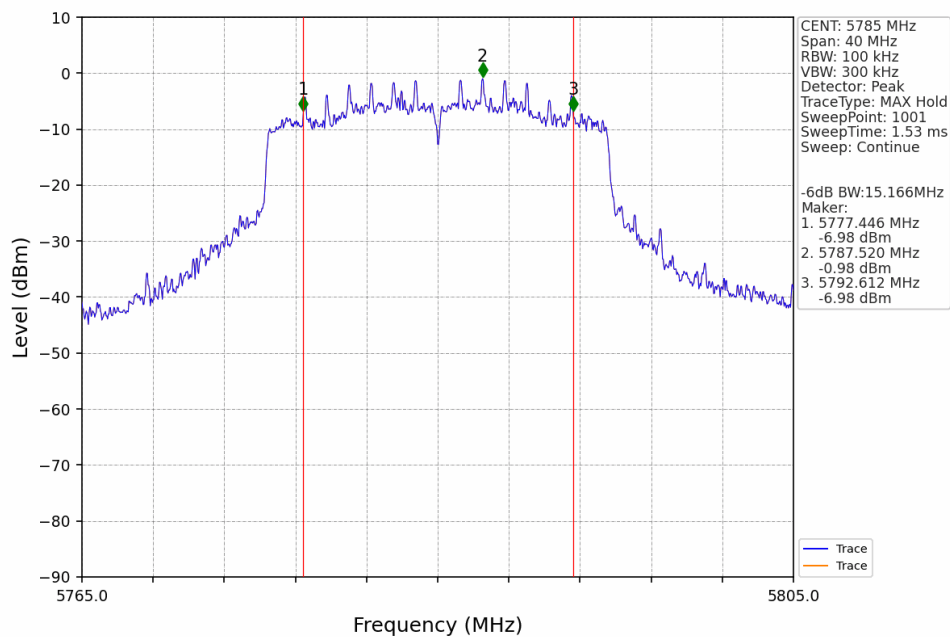
802.11ac(VHT80) MCH 5775MHz Ant1_NTNV



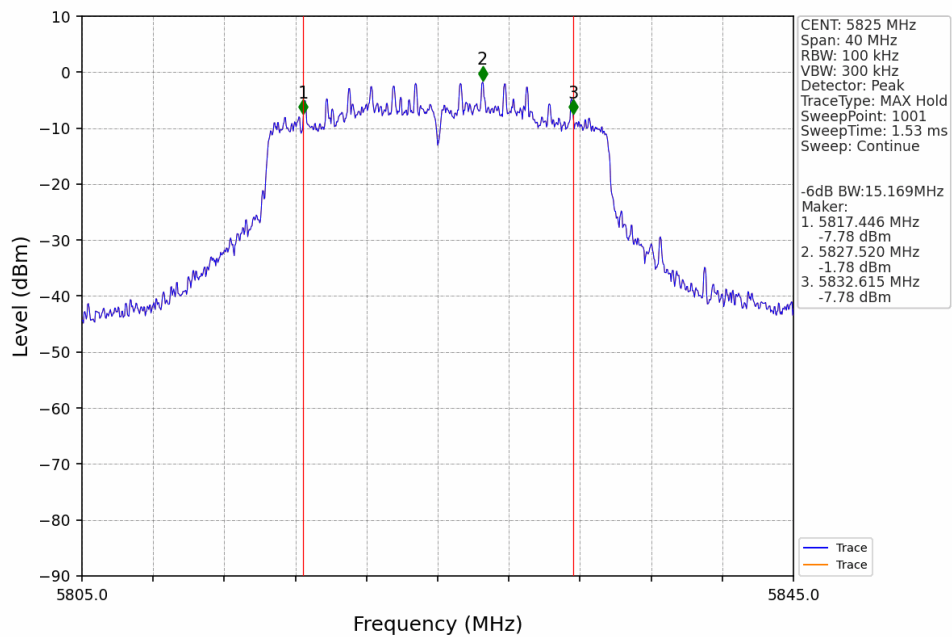
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



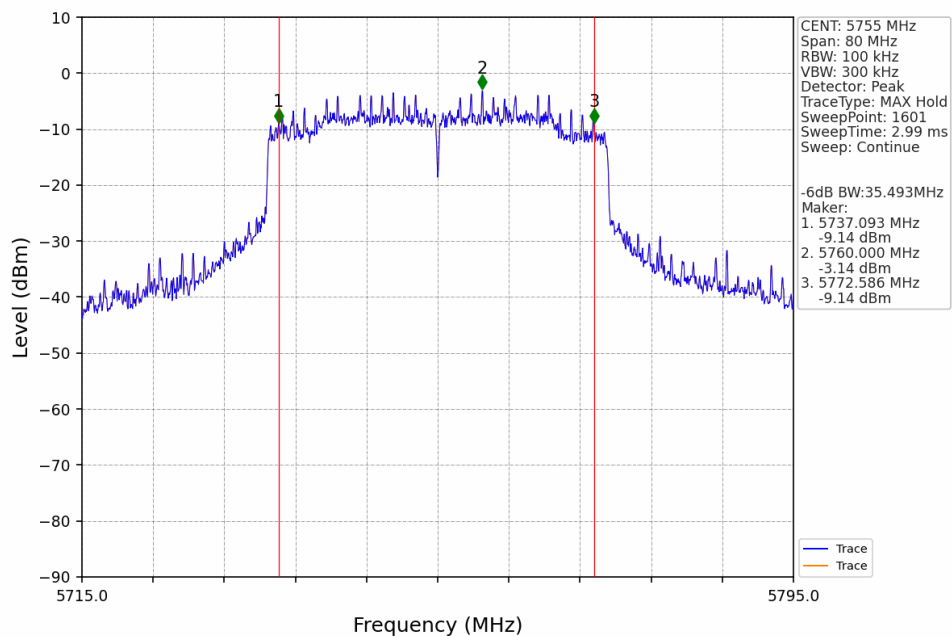
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



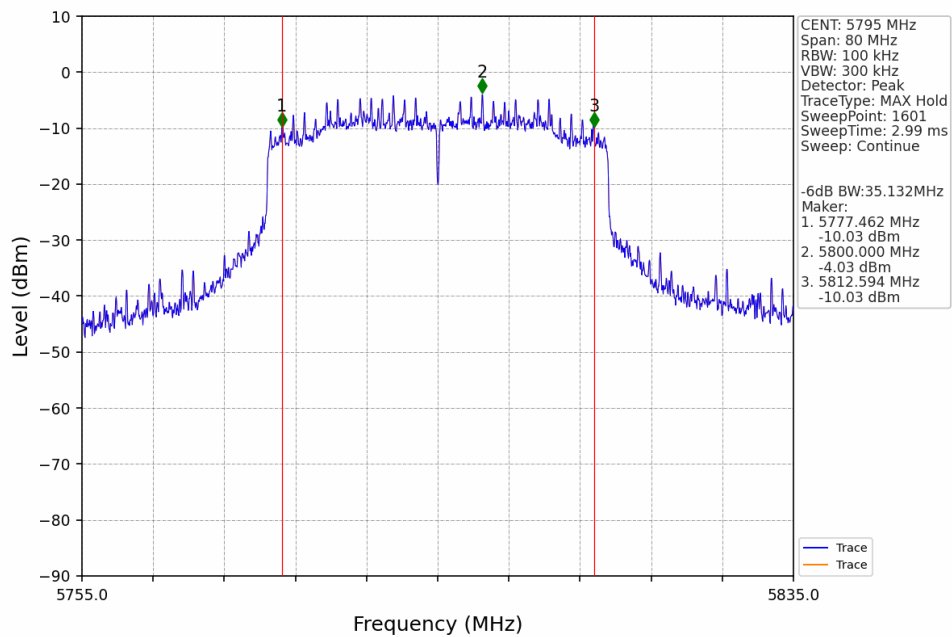
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



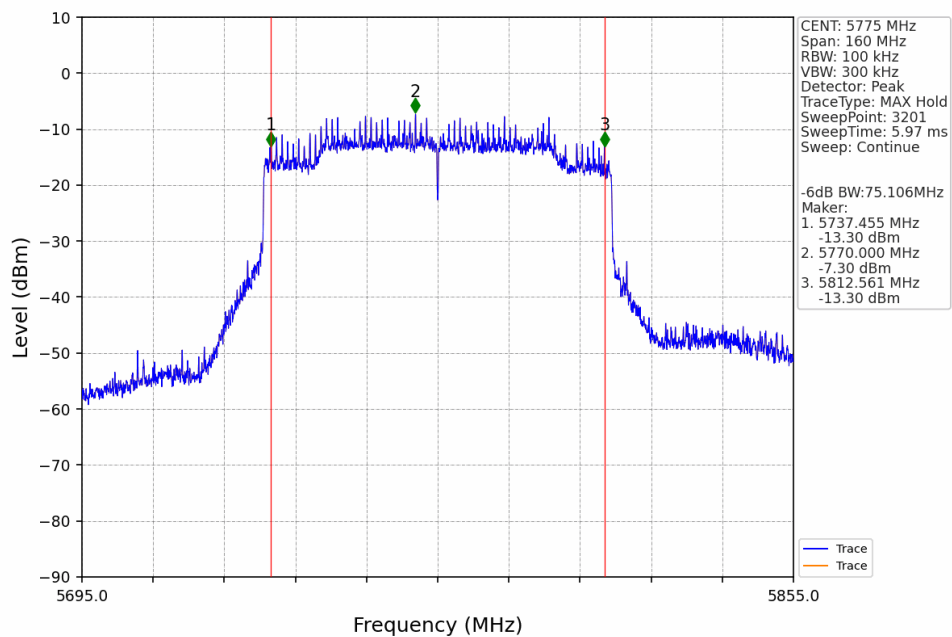
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



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	/	/	10.33	<=30	Pass
		5785	/	/	9.34	<=30	Pass
		5825	/	/	8.49	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	10.34	<=30	Pass
		5785	/	/	9.22	<=30	Pass
		5825	/	/	8.50	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	10.47	<=30	Pass
		5795	/	/	9.66	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	10.35	<=30	Pass
		5785	/	/	9.23	<=30	Pass
		5825	/	/	8.44	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	10.43	<=30	Pass
		5795	/	/	9.47	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	8.32	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	9.76	<=30	Pass
		5785	SU	/	8.93	<=30	Pass
		5825	SU	/	8.21	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	9.90	<=30	Pass
		5795	SU	/	9.14	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	8.12	<=30	Pass
Note1: Antenna Gain: Ant1: 2.20dBi;							

4. Maximum Power Spectral Density

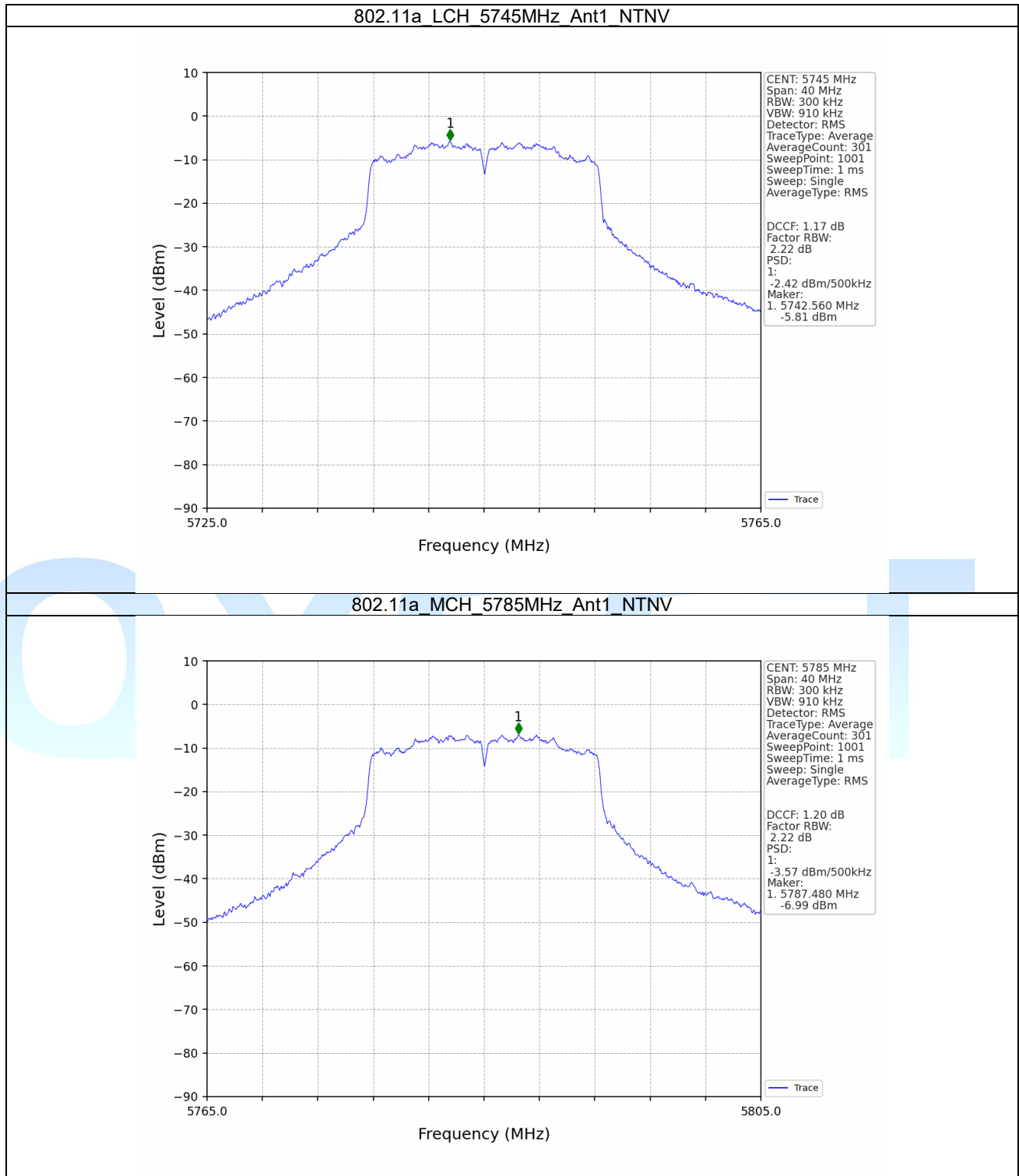
4.1 Test Result

4.1.1 PSD-Band3

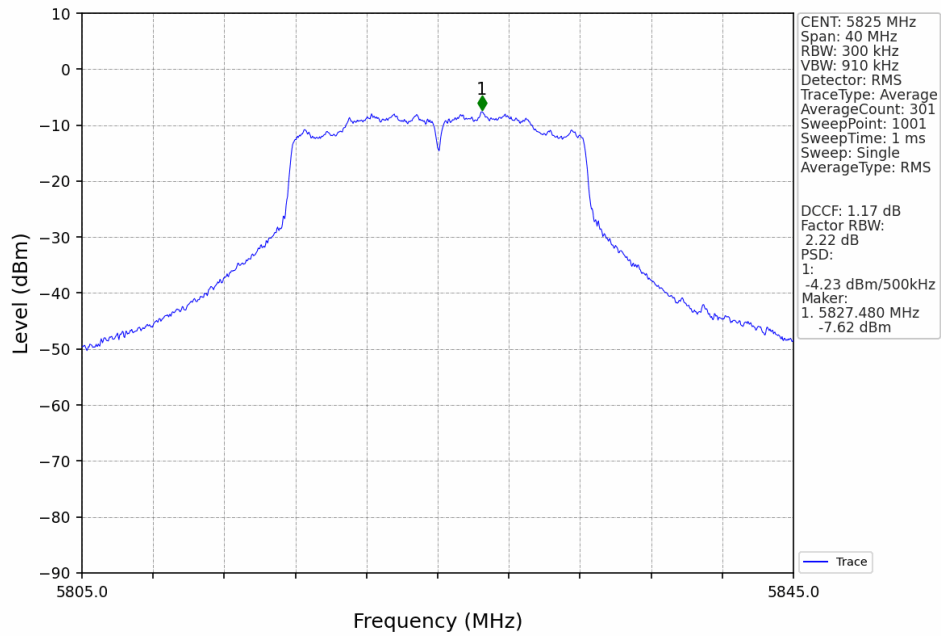
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-2.42	<=30	Pass
		5785	/	/	-3.57	<=30	Pass
		5825	/	/	-4.23	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-2.77	<=30	Pass
		5785	/	/	-3.35	<=30	Pass
		5825	/	/	-4.44	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-5.53	<=30	Pass
		5795	/	/	-6.51	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-2.70	<=30	Pass
		5785	/	/	-3.27	<=30	Pass
		5825	/	/	-3.96	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-5.64	<=30	Pass
		5795	/	/	-5.96	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-10.50	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-3.30	<=30	Pass
		5785	SU	/	-3.91	<=30	Pass
		5825	SU	/	-4.85	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-6.32	<=30	Pass
		5795	SU	/	-7.39	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-10.98	<=30	Pass
Note1: Antenna Gain: Ant1: 2.20dBi;							
Note2: Test result contains DCCF and RBW Factor(RBW Factor=10*log(500/300)=2.22)							

4.2 Test Graph

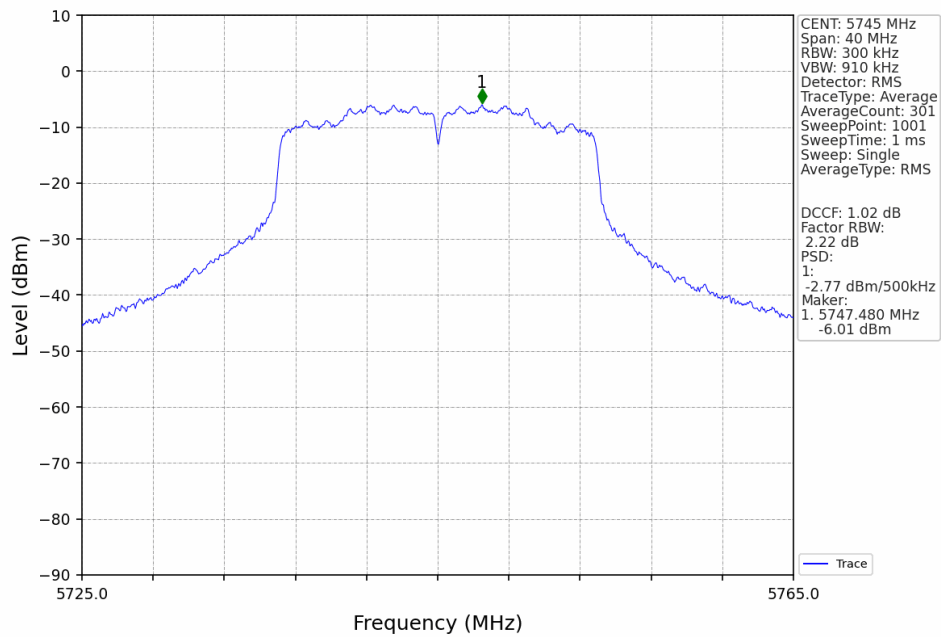
4.2.1 PSD-Band3



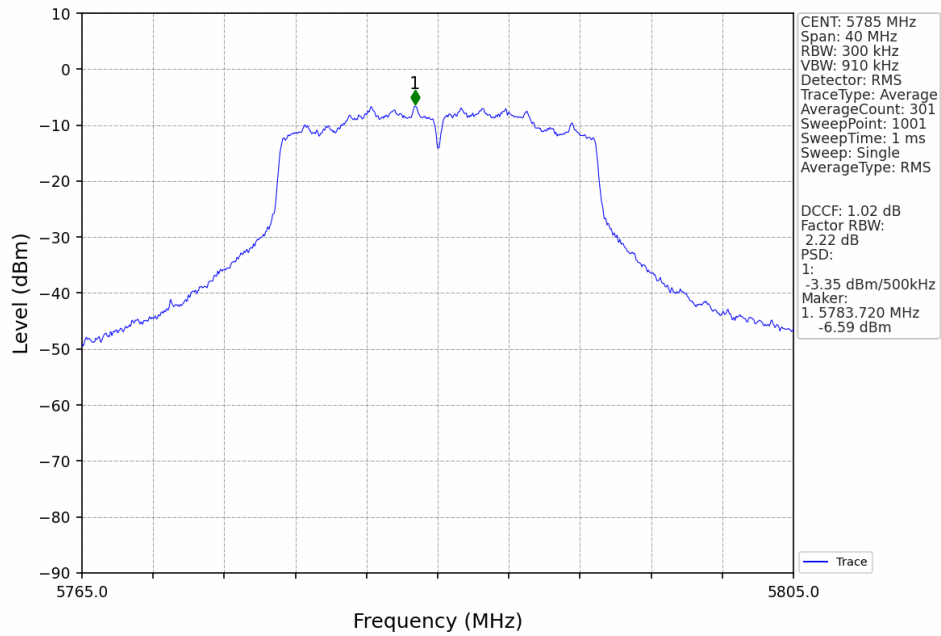
802.11a_HCH_5825MHz_Ant1_NTNV



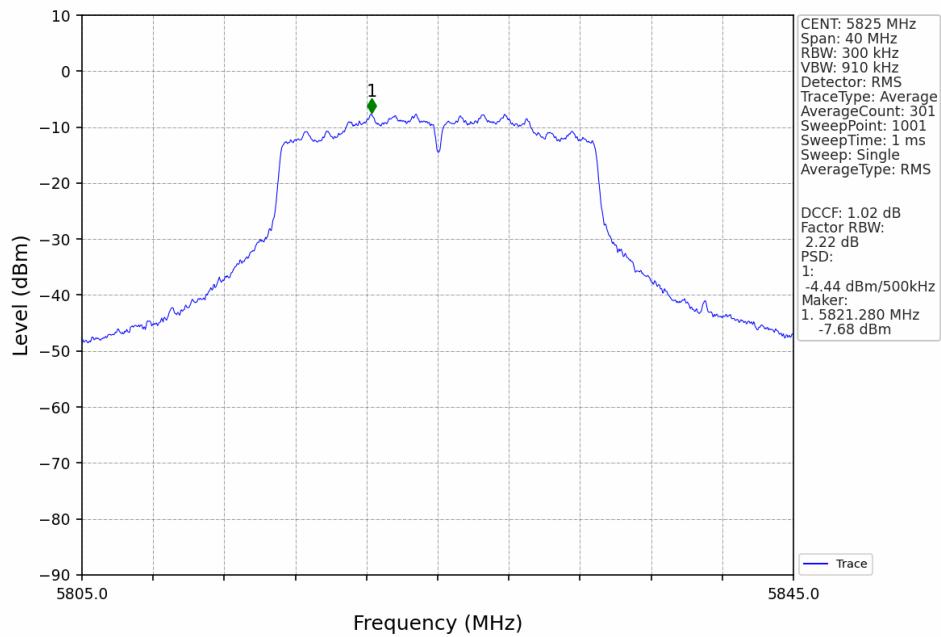
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



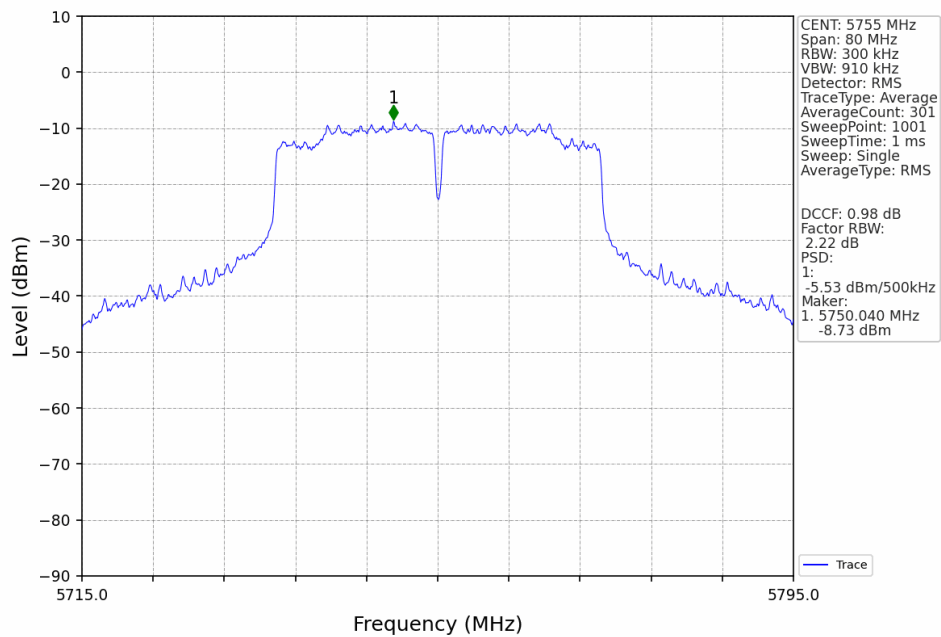
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



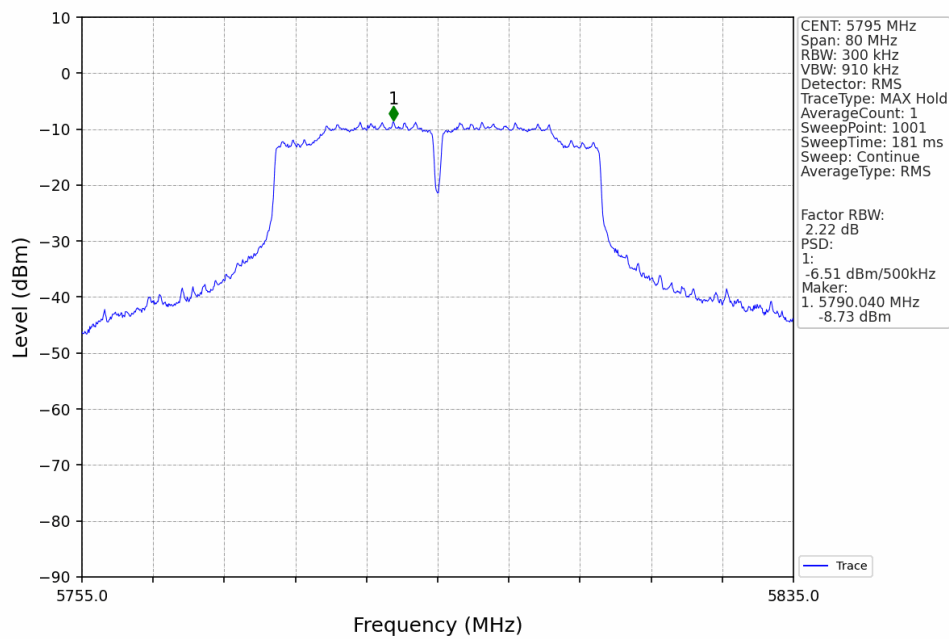
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



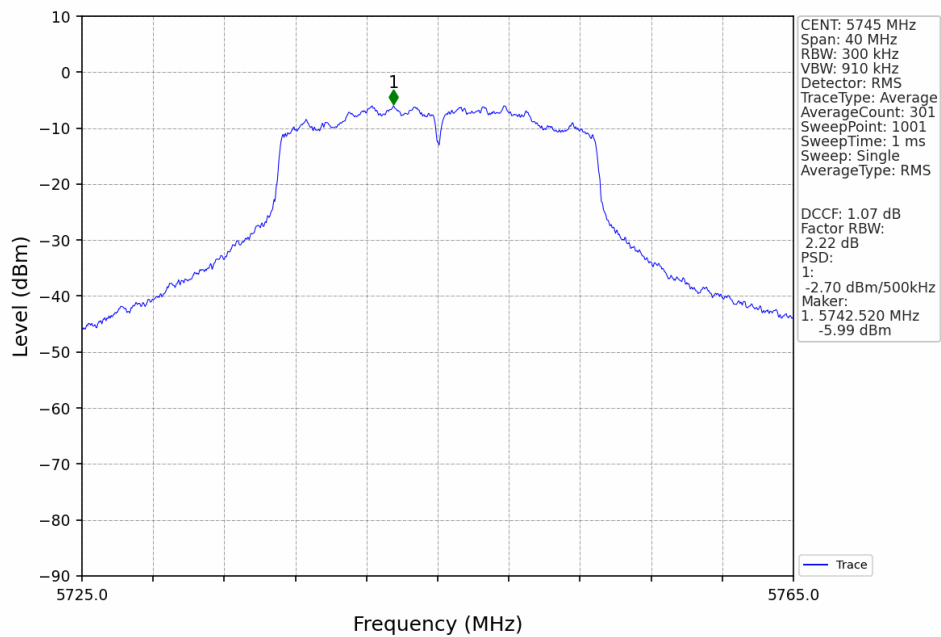
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



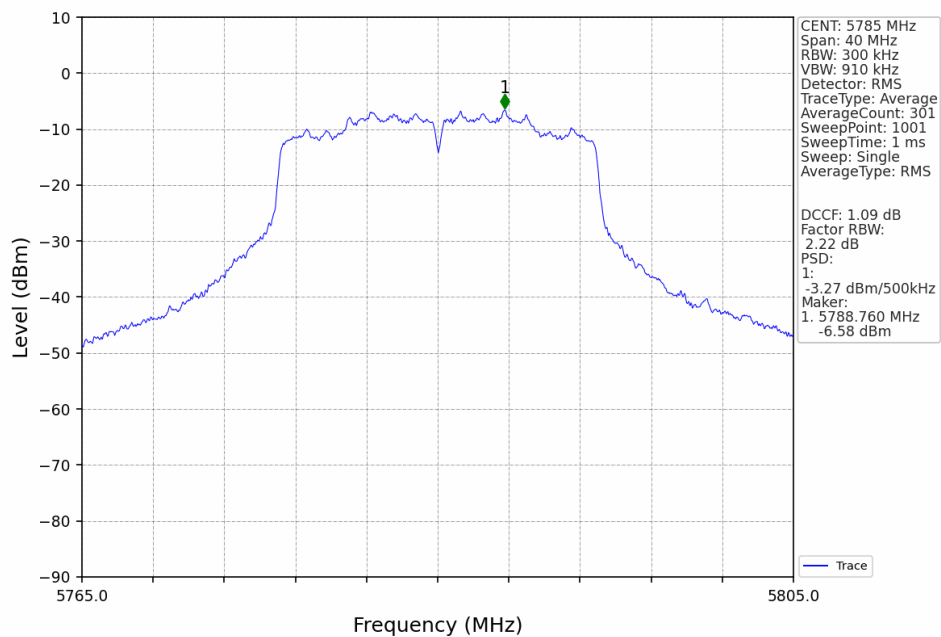
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



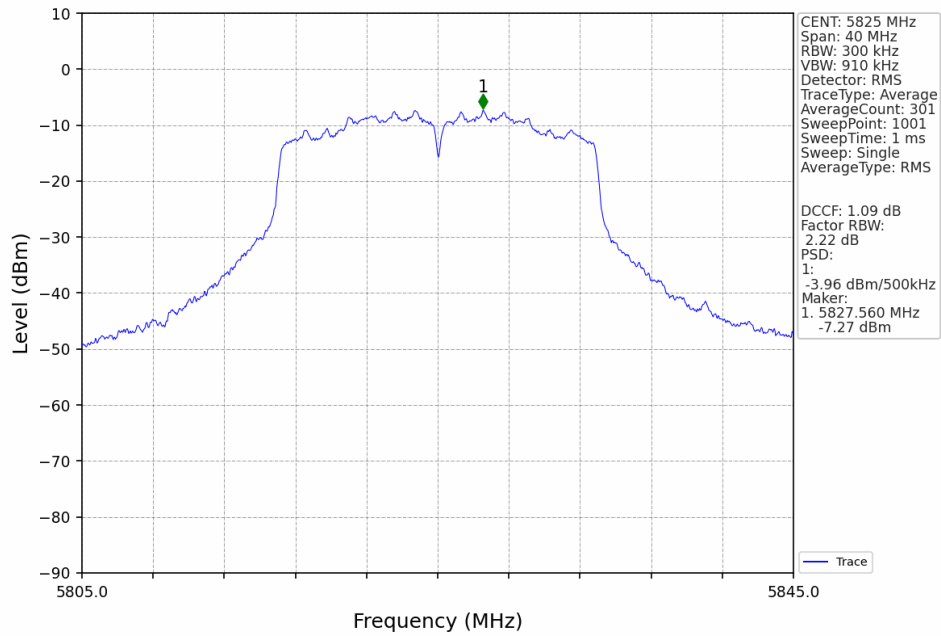
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



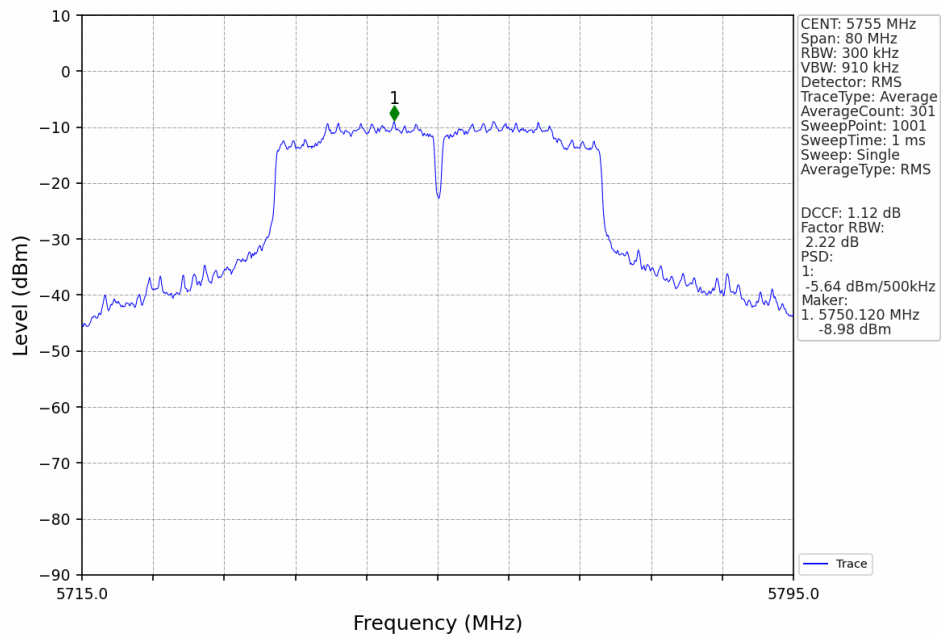
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



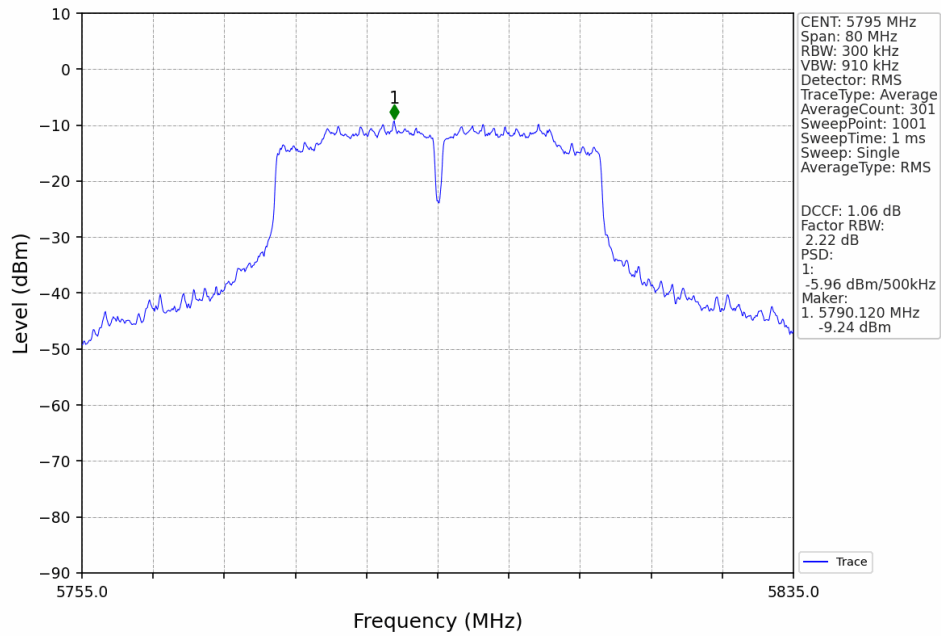
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



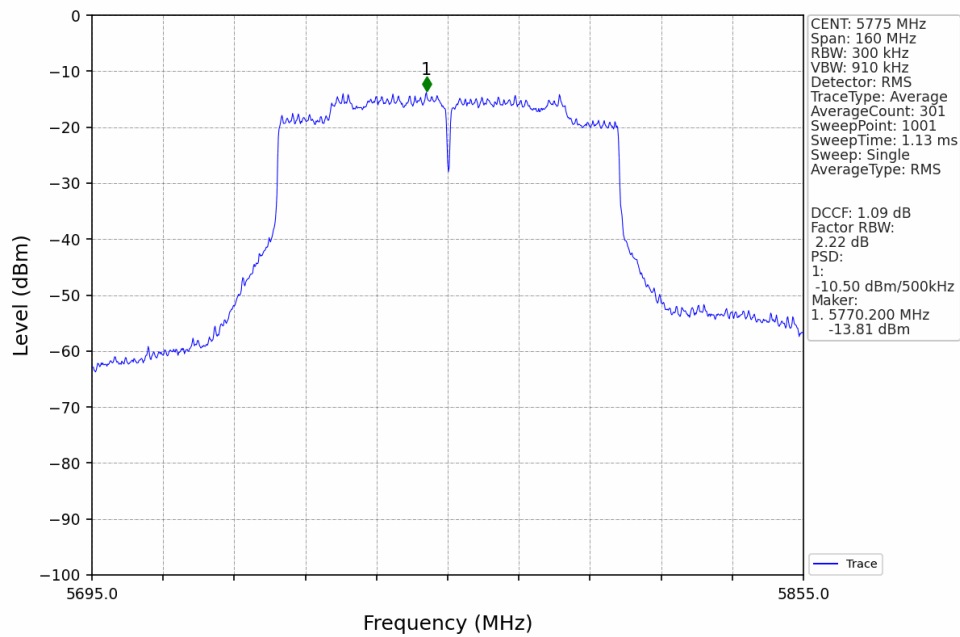
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



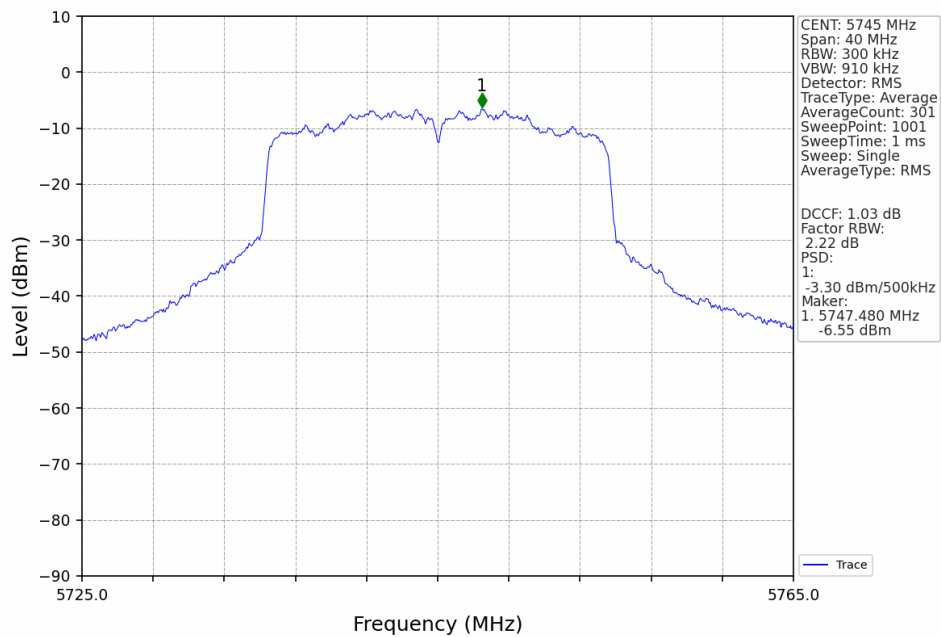
802.11ac(VHT40) HCH 5795MHz_Ant1_NTNV



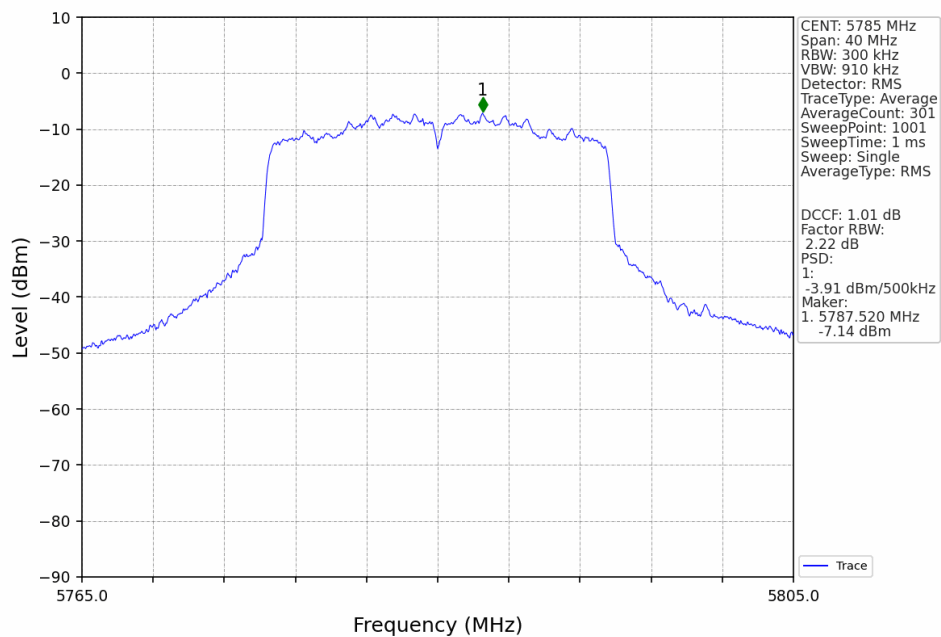
802.11ac(VHT80) MCH 5775MHz_Ant1_NTNV



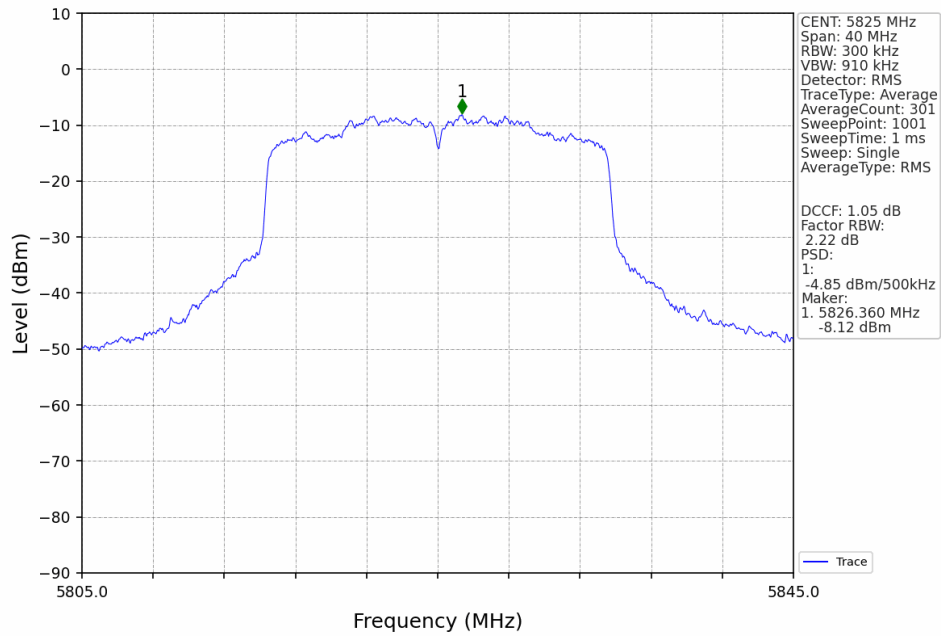
802.11ax(HEW20)_LCH_5745MHz_SU / Ant1_NTNV



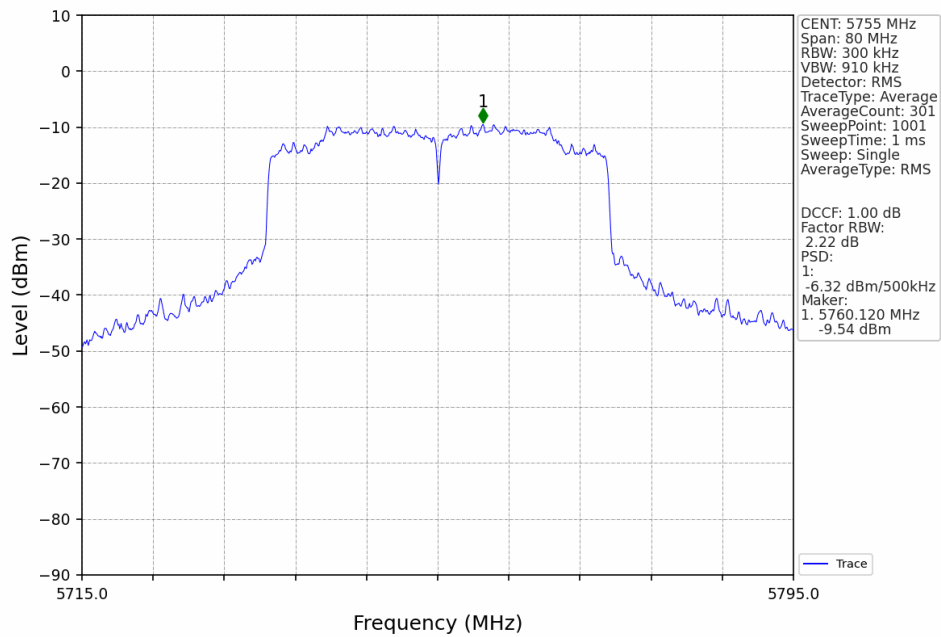
802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



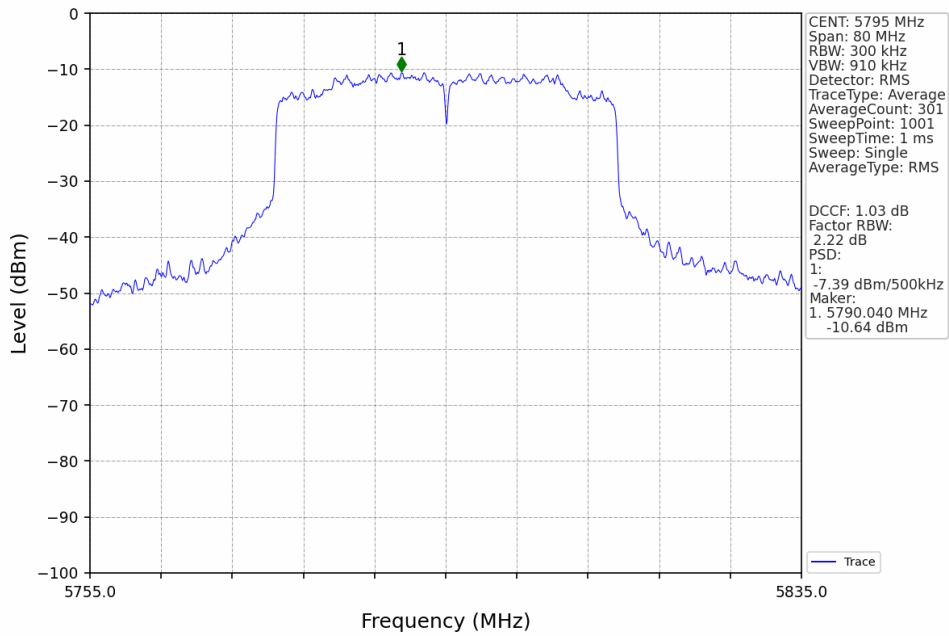
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



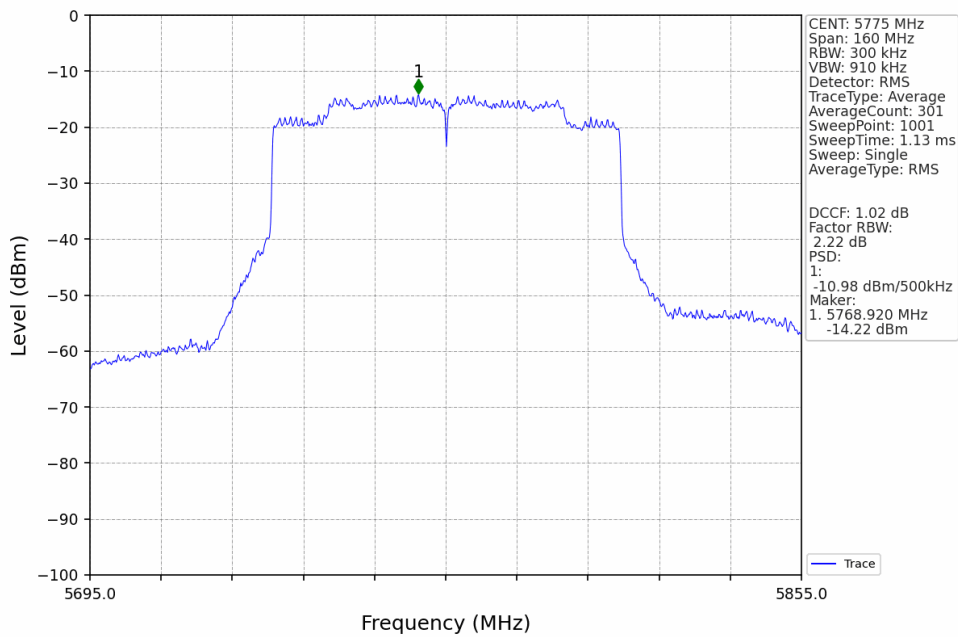
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

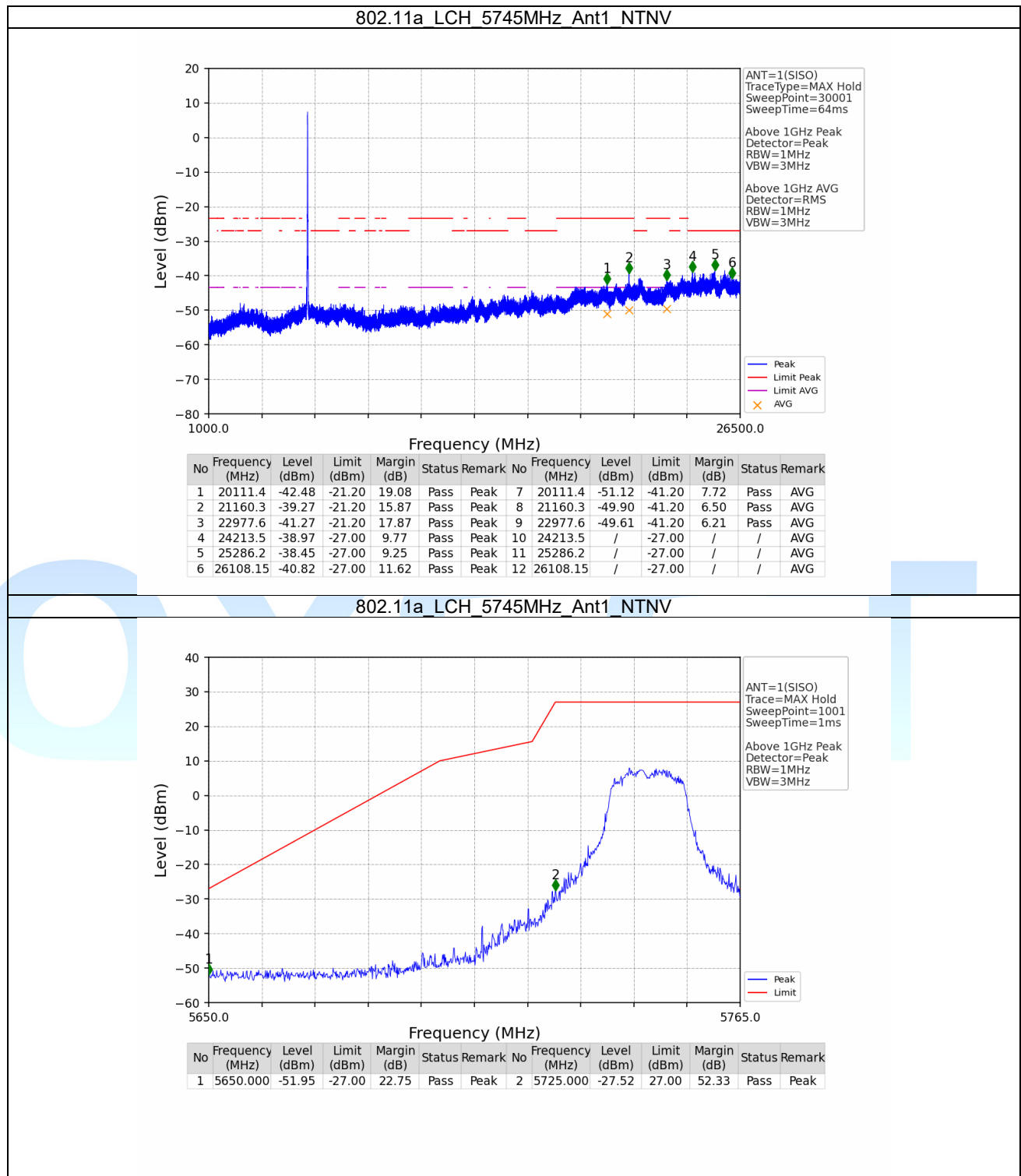
5.1 Test Result

5.1.1 RSE

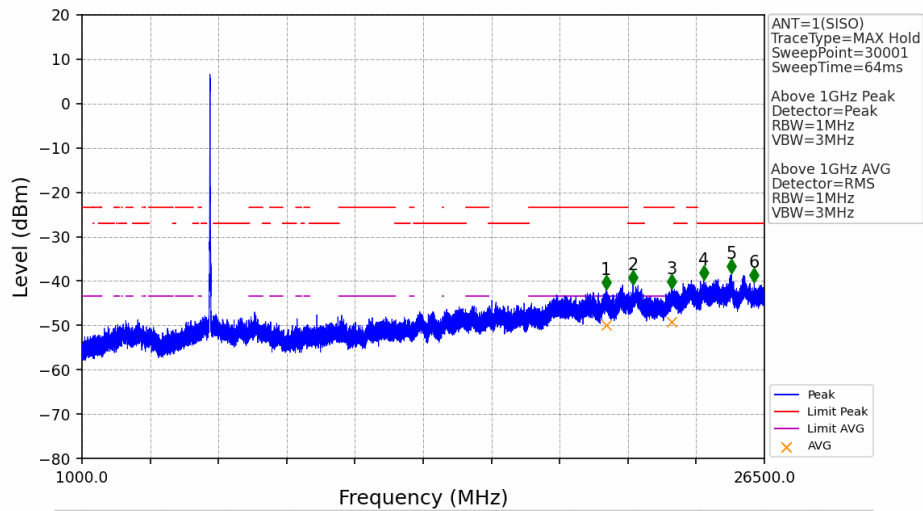
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/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

5.2 Test Graph

5.2.1 RSE

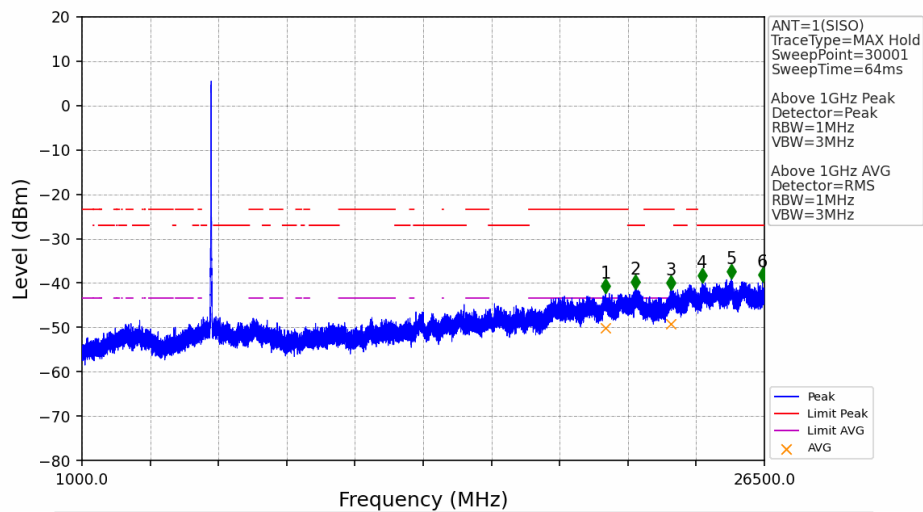


802.11a_MCH_5785MHz_Ant1_NTNV



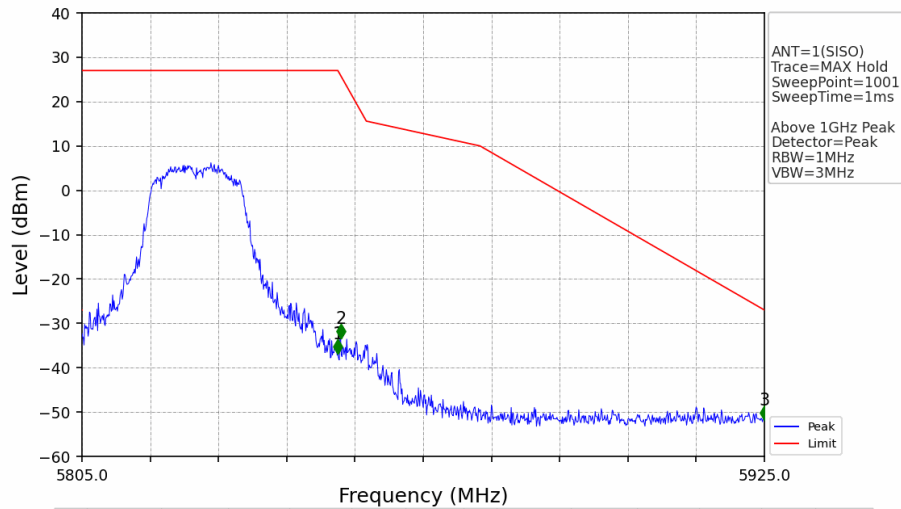
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20583.15	-41.83	-21.20	18.43	Pass	Peak	7	20583.15	-50.03	-41.20	6.63	Pass	AVG
2	21589.55	-40.83	-27.00	11.63	Pass	Peak	8	21589.55	/	-27.00	/	/	AVG
3	23039.65	-41.73	-21.20	18.33	Pass	Peak	9	23039.65	-49.25	-41.20	5.85	Pass	AVG
4	24228.8	-39.75	-27.00	10.55	Pass	Peak	10	24228.8	/	-27.00	/	/	AVG
5	25274.3	-38.30	-27.00	9.10	Pass	Peak	11	25274.3	/	-27.00	/	/	AVG
6	26120.05	-40.20	-27.00	10.99	Pass	Peak	12	26120.05	/	-27.00	/	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV

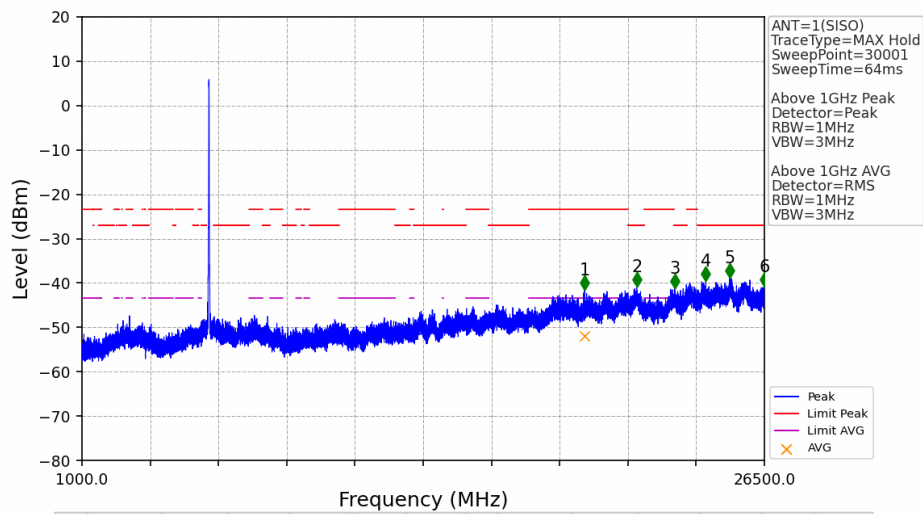


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20573.8	-42.30	-21.20	18.90	Pass	Peak	7	20573.8	-50.12	-41.20	6.72	Pass	AVG
2	21672	-41.25	-27.00	12.05	Pass	Peak	8	21672	/	-27.00	/	/	AVG
3	23004.8	-41.47	-21.20	18.07	Pass	Peak	9	23004.8	-49.16	-41.20	5.76	Pass	AVG
4	24181.2	-39.86	-27.00	10.66	Pass	Peak	10	24181.2	/	-27.00	/	/	AVG
5	25267.5	-38.88	-27.00	9.68	Pass	Peak	11	25267.5	/	-27.00	/	/	AVG
6	26425.2	-39.64	-27.00	10.44	Pass	Peak	12	26425.2	/	-27.00	/	/	AVG

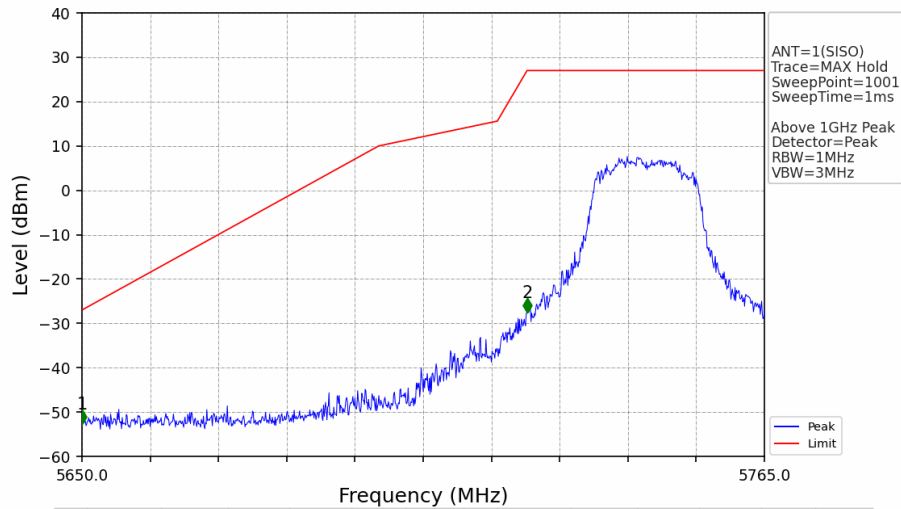
802.11a_HCH_5825MHz_Ant1_NTNV



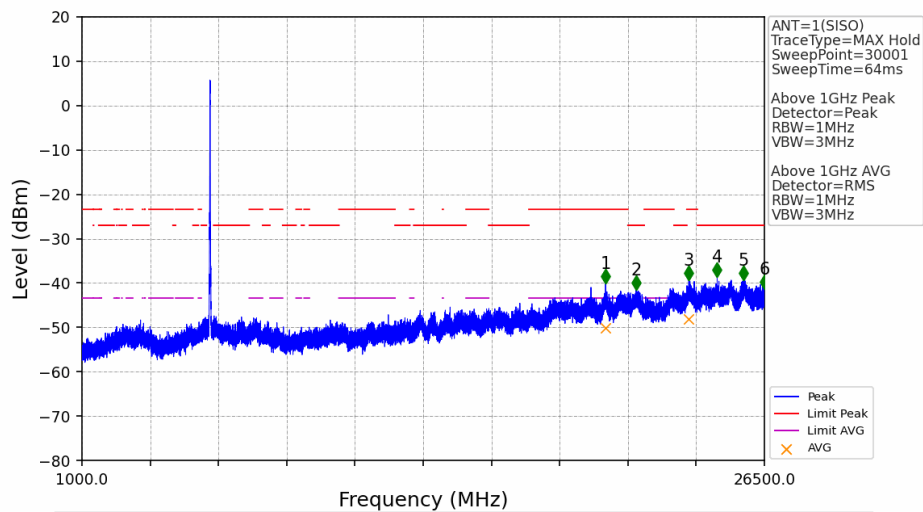
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



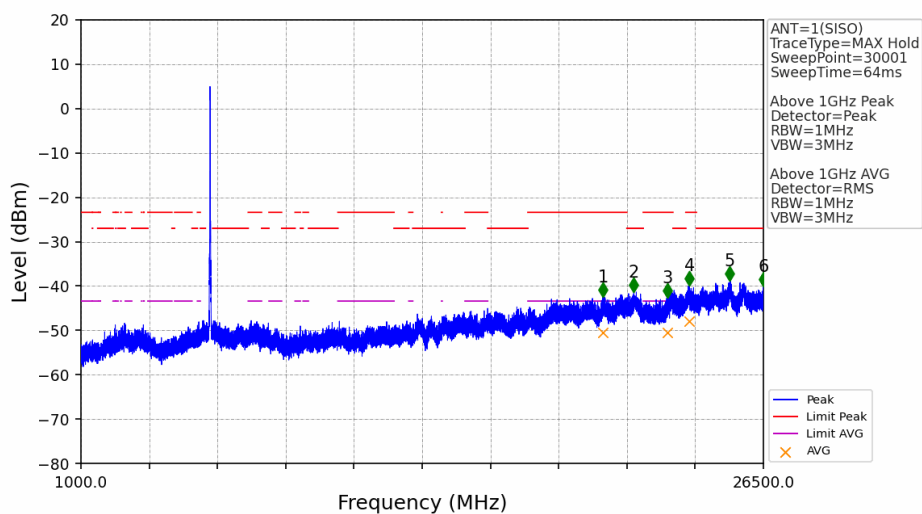
802.11n(HT20) LCH_5745MHz_Ant1_NTNV



802.11n(HT20) MCH_5785MHz_Ant1_NTNV

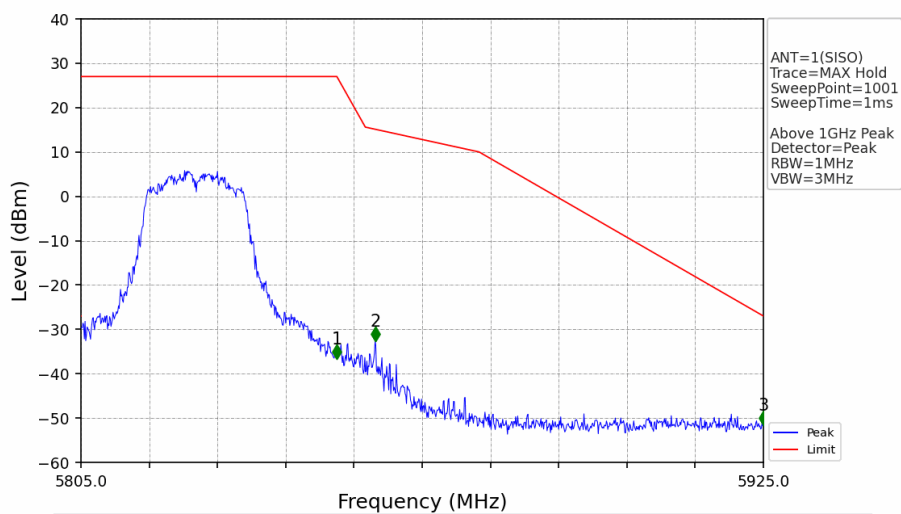


802.11n(HT20) HCH 5825MHz_Ant1_NTNV



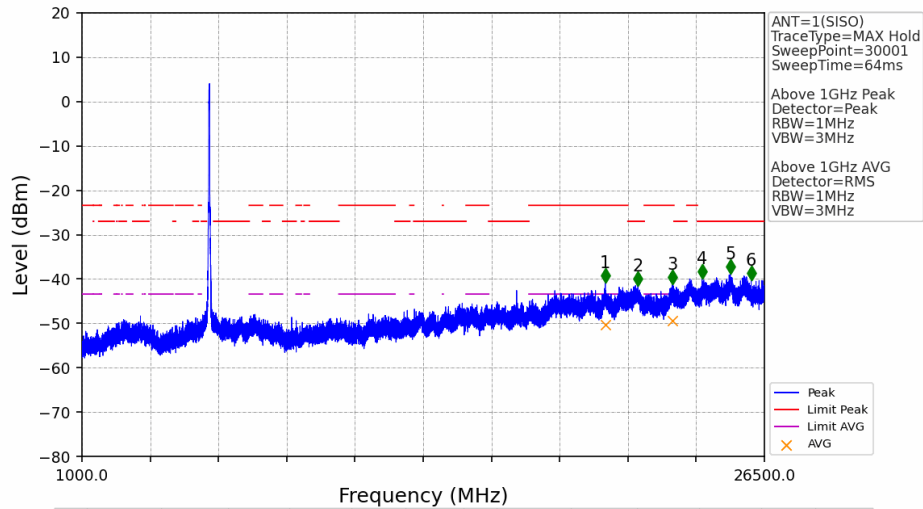
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20497.3	-42.37	-21.20	18.97	Pass	Peak	7	20497.3	-50.48	-41.20	7.08	Pass	AVG
2	21656.7	-41.34	-27.00	12.14	Pass	Peak	8	21656.7	/	-27.00	/	/	AVG
3	22922.35	-42.58	-21.20	19.18	Pass	Peak	9	22922.35	-50.52	-41.20	7.12	Pass	AVG
4	23731.55	-39.83	-21.20	16.43	Pass	Peak	10	23731.55	-47.92	-41.20	4.52	Pass	AVG
5	25247.95	-38.83	-27.00	9.63	Pass	Peak	11	25247.95	/	-27.00	/	/	AVG
6	26493.2	-40.10	-27.00	10.90	Pass	Peak	12	26493.2	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5825MHz_Ant1_NTNV



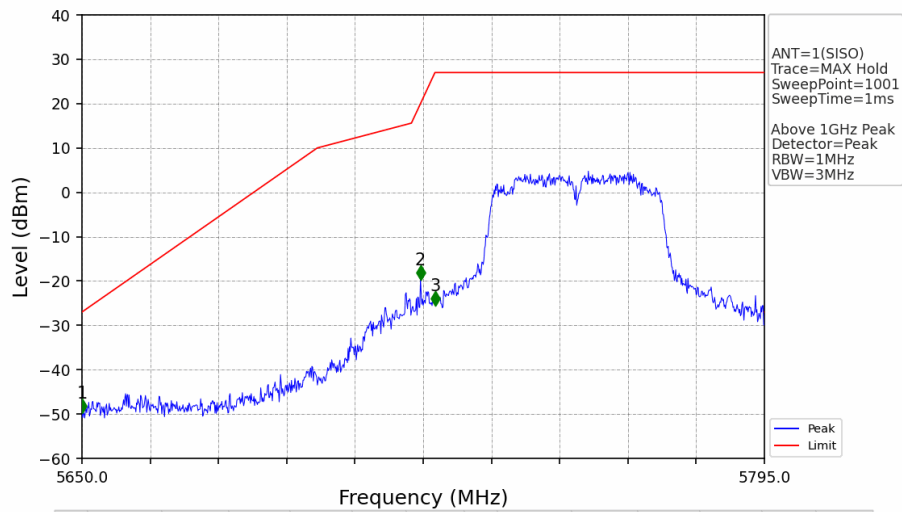
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-36.69	27.00	61.49	Pass	Peak	3	5925.000	-51.51	-27.00	22.31	Pass	Peak
2	5856.720	-32.65	15.12	45.57	Pass	Peak							

802.11n(HT40) LCH_5755MHz_Ant1_NTNV



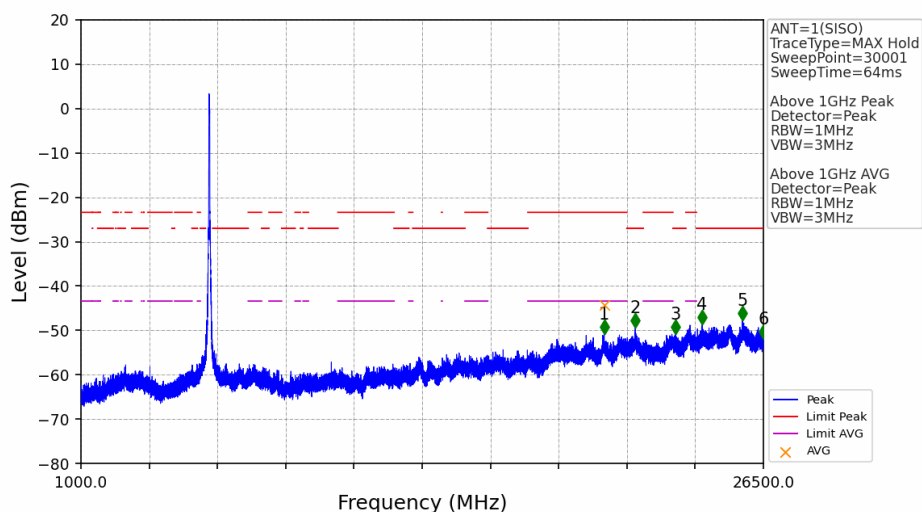
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20554.25	-40.86	-21.20	17.46	Pass	Peak	7	20554.25	-50.38	-41.20	6.98	Pass	AVG
2	21774	-41.46	-27.00	12.26	Pass	Peak	8	21774	/	-27.00	/	/	AVG
3	23064.3	-41.09	-21.20	17.69	Pass	Peak	9	23064.3	-49.35	-41.20	5.95	Pass	AVG
4	24170.15	-39.86	-27.00	10.66	Pass	Peak	10	24170.15	/	-27.00	/	/	AVG
5	25226.7	-38.70	-27.00	9.49	Pass	Peak	11	25226.7	/	-27.00	/	/	AVG
6	26004.45	-40.22	-27.00	11.02	Pass	Peak	12	26004.45	/	-27.00	/	/	AVG

802.11n(HT40) LCH_5755MHz_Ant1_NTNV



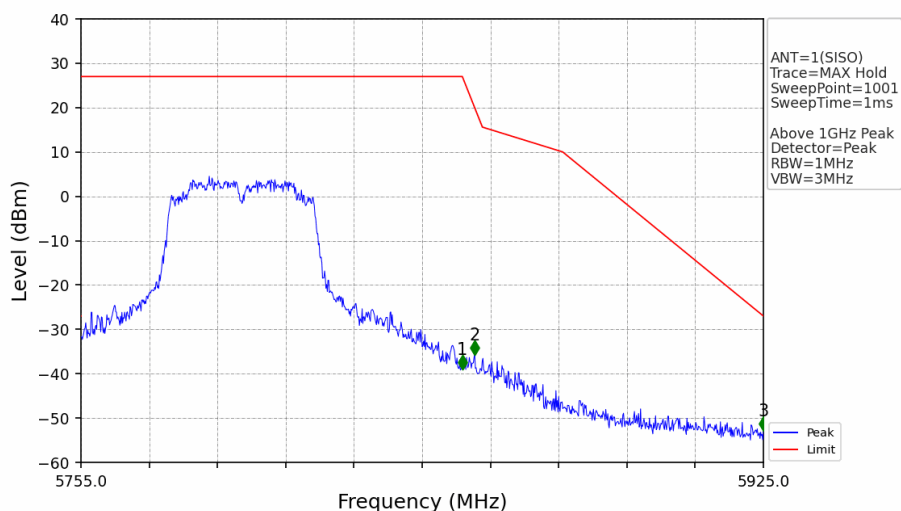
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-49.76	-27.00	20.56	Pass	Peak	3	5725.000	-25.44	27.00	50.24	Pass	Peak
2	5721.920	-19.69	19.98	37.47	Pass	Peak							

802.11n(HT40) HCH 5795MHz_Ant1_NTNV



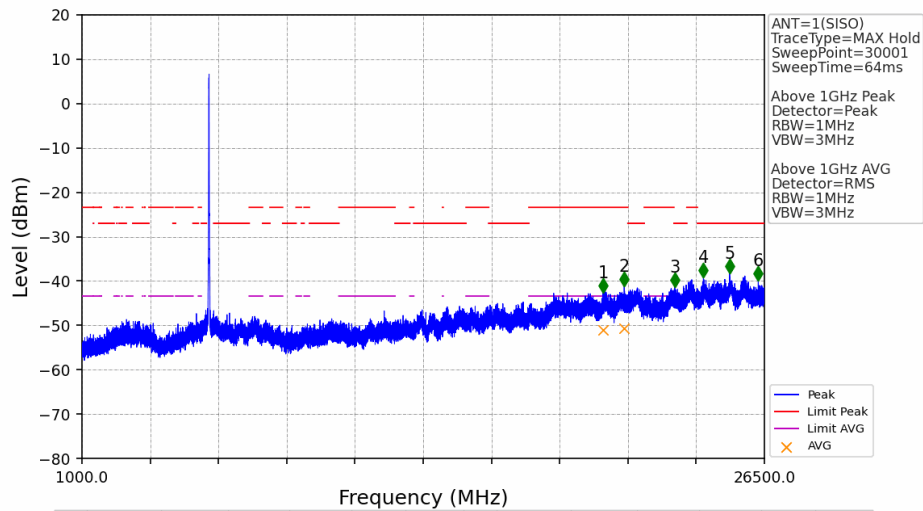
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20550	-50.85	-21.20	27.45	Pass	Peak	7	20550	-44.28	-41.20	0.88	Pass	AVG
2	21711.95	-49.38	-27.00	20.18	Pass	Peak	8	21711.95	/	-27.00	/	/	AVG
3	23213.05	-50.74	-27.00	21.54	Pass	Peak	9	23213.05	/	-27.00	/	/	AVG
4	24212.65	-48.64	-27.00	19.44	Pass	Peak	10	24212.65	/	-27.00	/	/	AVG
5	25715.45	-47.69	-27.00	18.49	Pass	Peak	11	25715.45	/	-27.00	/	/	AVG
6	26490.65	-51.87	-27.00	22.67	Pass	Peak	12	26490.65	/	-27.00	/	/	AVG

802.11n(HT40) HCH 5795MHz_Ant1_NTNV



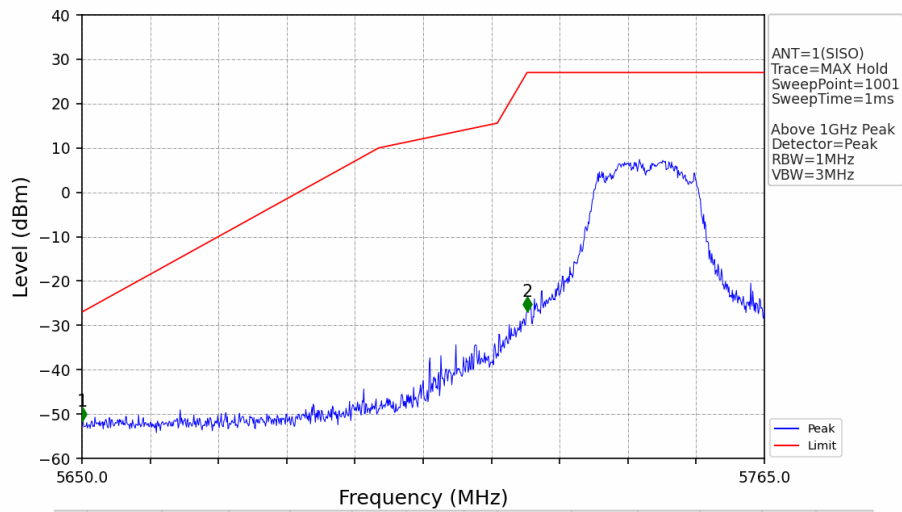
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-39.00	27.00	63.80	Pass	Peak	3	5925.000	-52.88	-27.00	23.68	Pass	Peak
2	5853.090	-35.72	19.95	53.47	Pass	Peak							

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



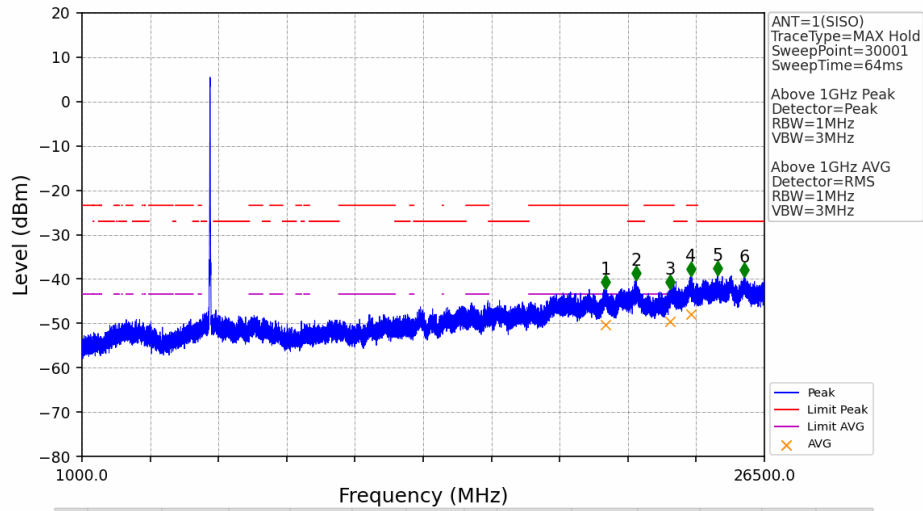
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20468.4	-42.64	-21.20	19.24	Pass	Peak	7	20468.4	-51.03	-41.20	7.63	Pass	AVG
2	21261.45	-41.15	-21.20	17.75	Pass	Peak	8	21261.45	-50.71	-41.20	7.31	Pass	AVG
3	23151.85	-41.26	-27.00	12.06	Pass	Peak	9	23151.85	/	-27.00	/	/	AVG
4	24222	-39.09	-27.00	9.89	Pass	Peak	10	24222	/	-27.00	/	/	AVG
5	25200.35	-38.29	-27.00	9.09	Pass	Peak	11	25200.35	/	-27.00	/	/	AVG
6	26270.5	-39.93	-27.00	10.73	Pass	Peak	12	26270.5	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



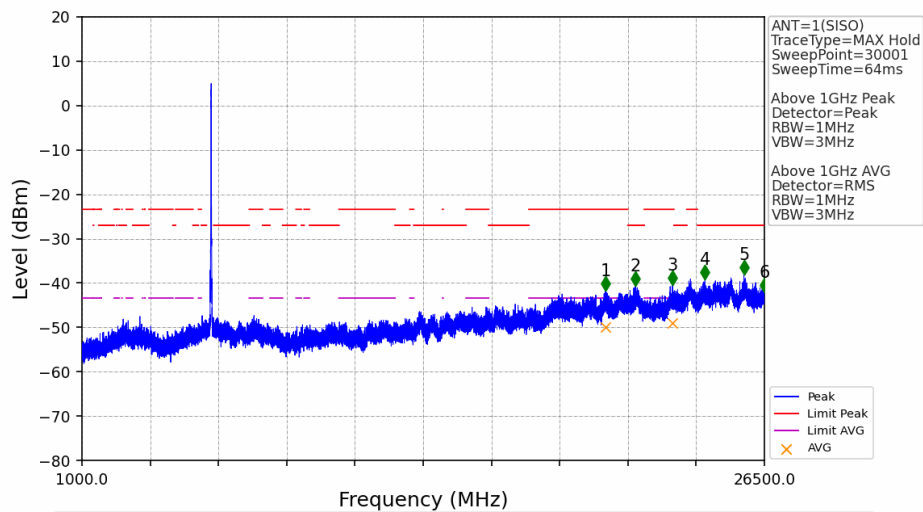
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-51.49	-27.00	22.29	Pass	Peak	2	5725.000	-26.74	27.00	51.54	Pass	Peak

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



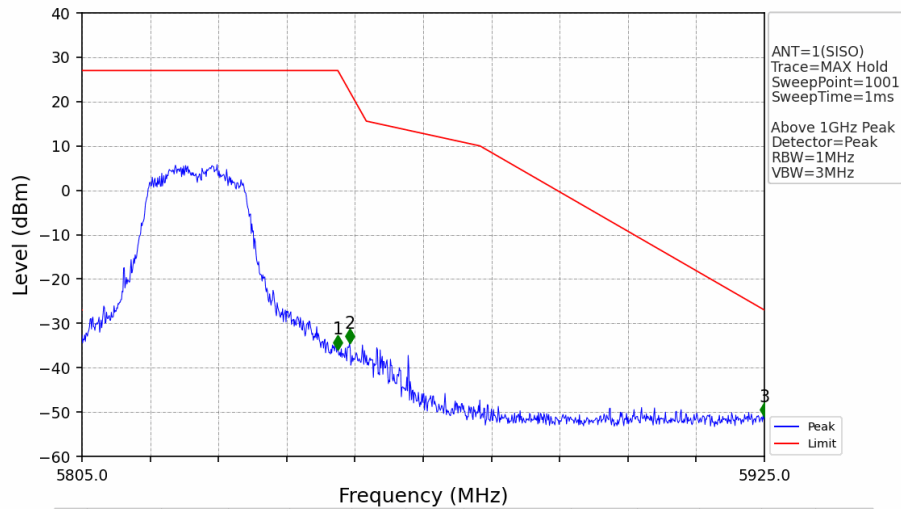
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20572.95	-42.22	-21.20	18.82	Pass	Peak	7	20572.95	-50.33	-41.20	6.93	Pass	AVG
2	21722.15	-40.16	-27.00	10.96	Pass	Peak	8	21722.15	/	-27.00	/	/	AVG
3	22987.8	-42.25	-21.20	18.85	Pass	Peak	9	22987.8	-49.49	-41.20	6.09	Pass	AVG
4	23754.5	-39.30	-21.20	15.90	Pass	Peak	10	23754.5	-47.85	-41.20	4.46	Pass	AVG
5	24751.55	-39.06	-27.00	9.86	Pass	Peak	11	24751.55	/	-27.00	/	/	AVG
6	25741.8	-39.46	-27.00	10.26	Pass	Peak	12	25741.8	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

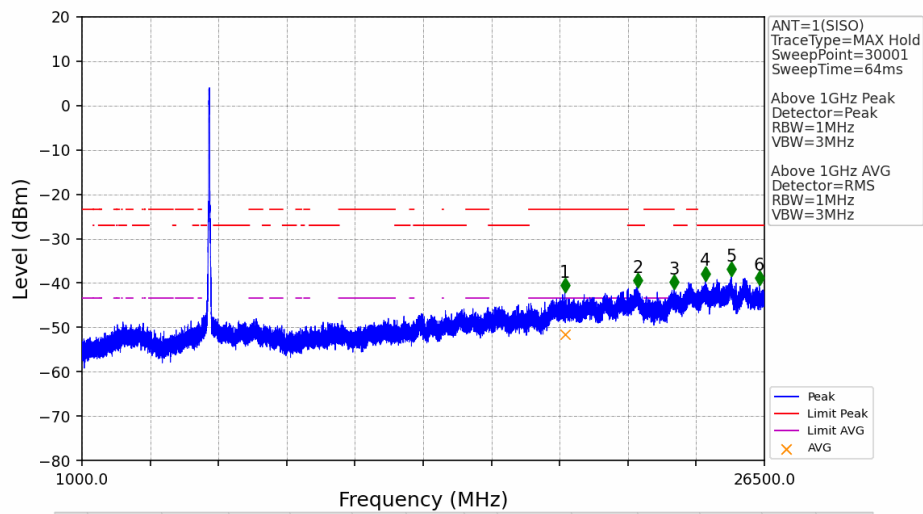


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20563.6	-41.71	-21.20	18.31	Pass	Peak	7	20563.6	-49.99	-41.20	6.59	Pass	AVG
2	21677.1	-40.59	-27.00	11.39	Pass	Peak	8	21677.1	/	-27.00	/	/	AVG
3	23066	-40.49	-21.20	17.09	Pass	Peak	9	23066	-49.12	-41.20	5.72	Pass	AVG
4	24279.8	-39.08	-27.00	9.88	Pass	Peak	10	24279.8	/	-27.00	/	/	AVG
5	25733.3	-38.06	-27.00	8.86	Pass	Peak	11	25733.3	/	-27.00	/	/	AVG
6	26500	-42.02	-27.00	12.81	Pass	Peak	12	26500	/	-27.00	/	/	AVG

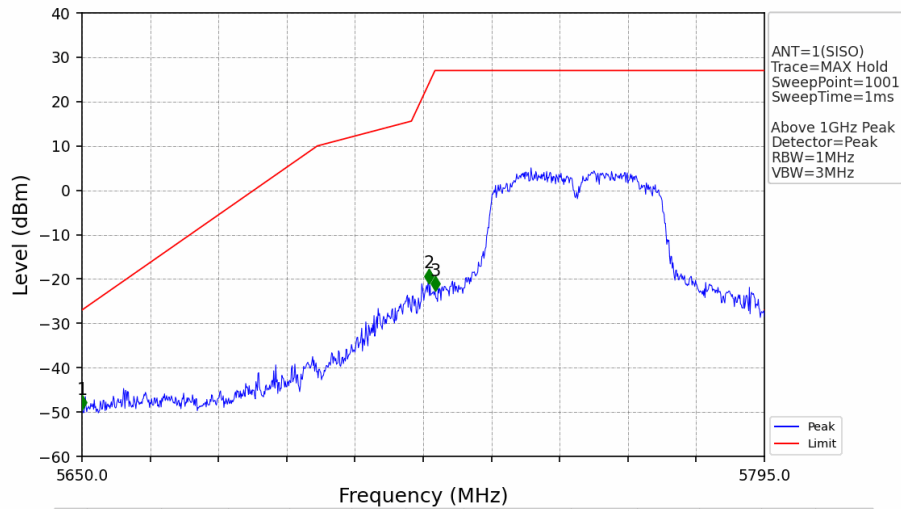
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

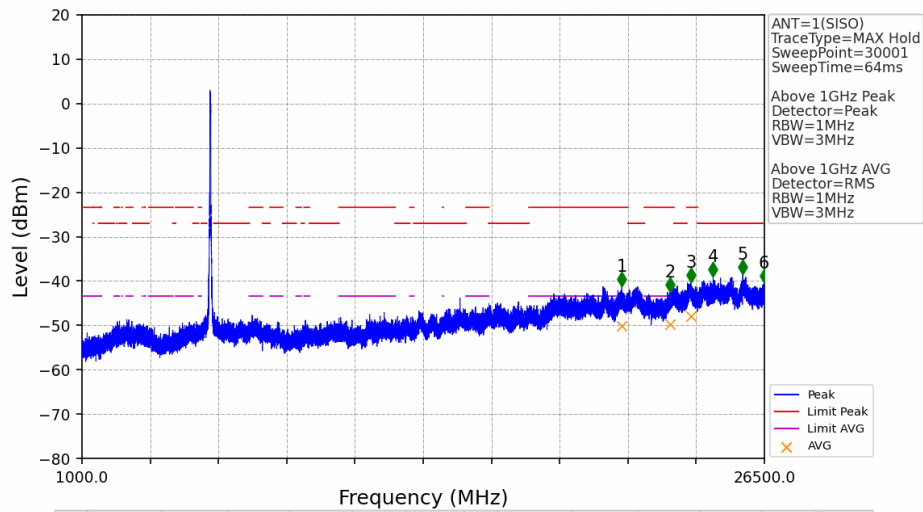


802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



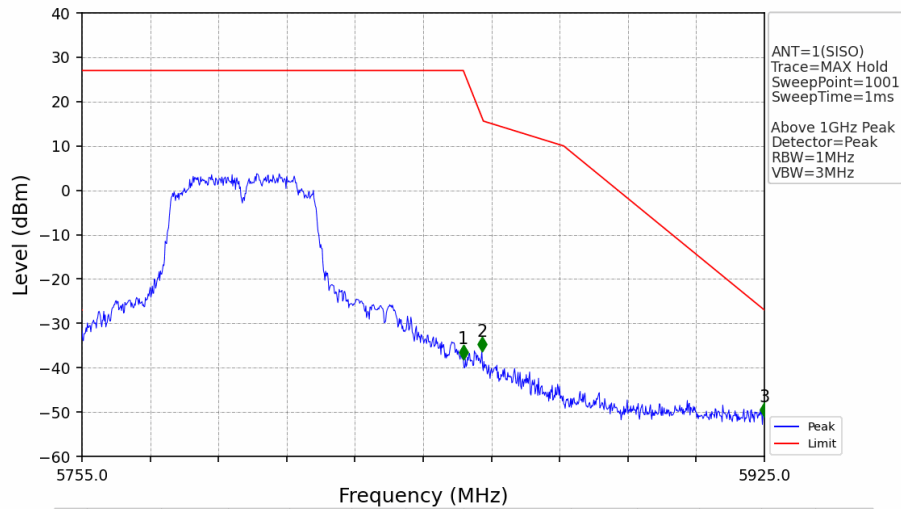
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-49.44	-27.00	20.24	Pass	Peak	3	5725.000	-22.69	27.00	47.49	Pass	Peak
2	5723.660	-20.88	23.94	42.62	Pass	Peak							

802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV

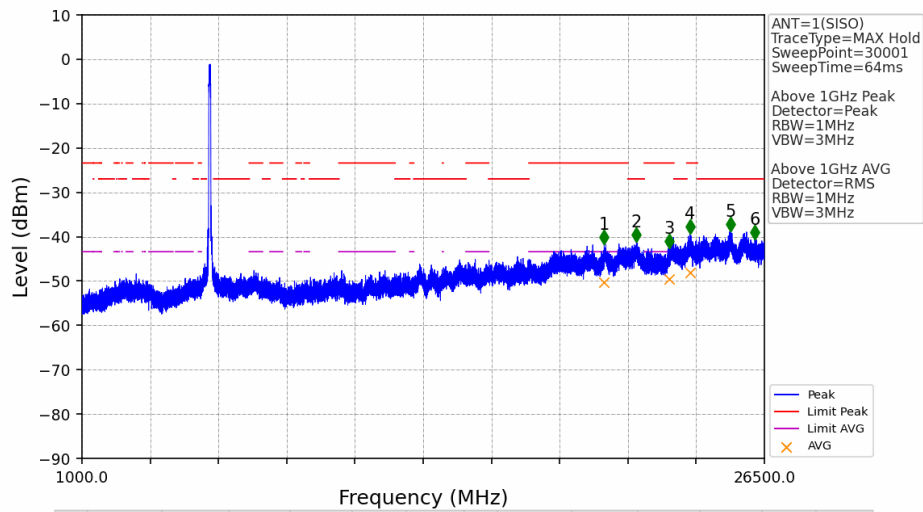


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21173.9	-41.07	-21.20	17.67	Pass	Peak	7	21173.9	-50.04	-41.20	6.64	Pass	AVG
2	22962.3	-42.38	-21.20	18.98	Pass	Peak	8	22962.3	-49.68	-41.20	6.28	Pass	AVG
3	23753.65	-40.30	-21.20	16.90	Pass	Peak	9	23753.65	-47.94	-41.20	4.54	Pass	AVG
4	24584.1	-38.88	-27.00	9.68	Pass	Peak	10	24584.1	/	-27.00	/	/	AVG
5	25691.65	-38.47	-27.00	9.27	Pass	Peak	11	25691.65	/	-27.00	/	/	AVG
6	26488.1	-40.39	-27.00	11.19	Pass	Peak	12	26488.1	/	-27.00	/	/	AVG

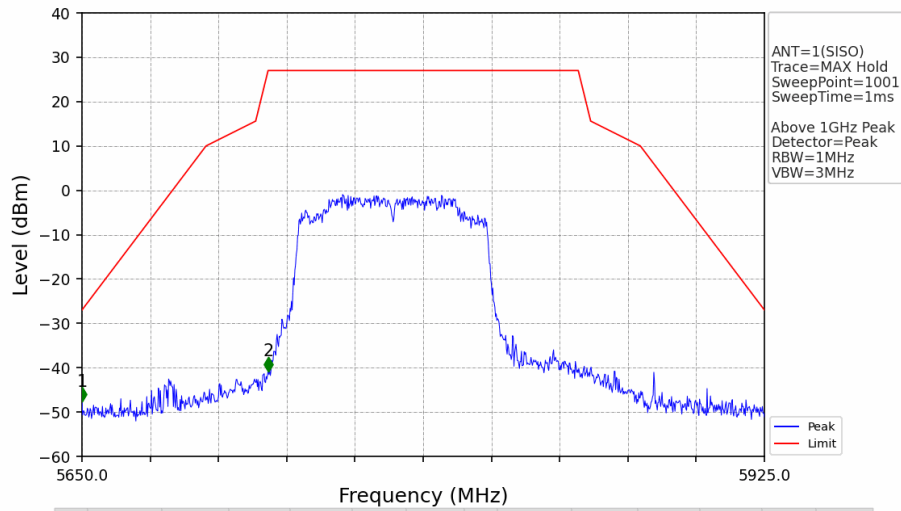
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



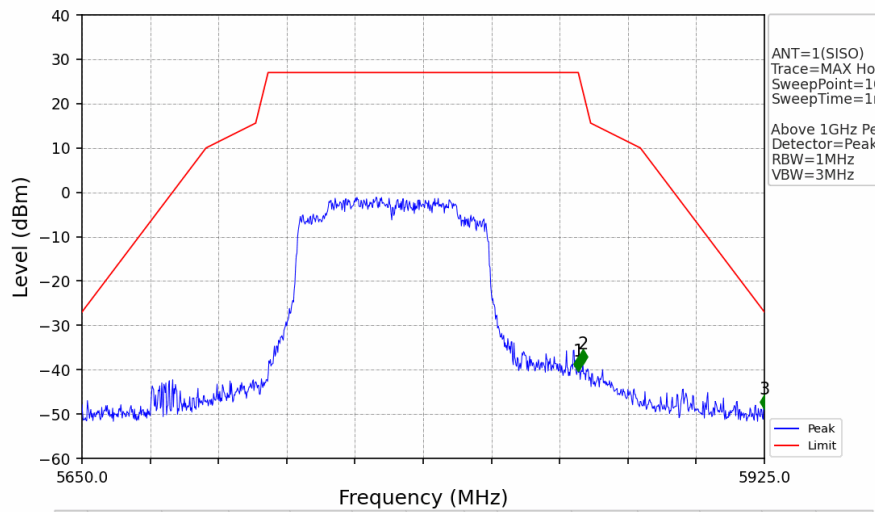
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



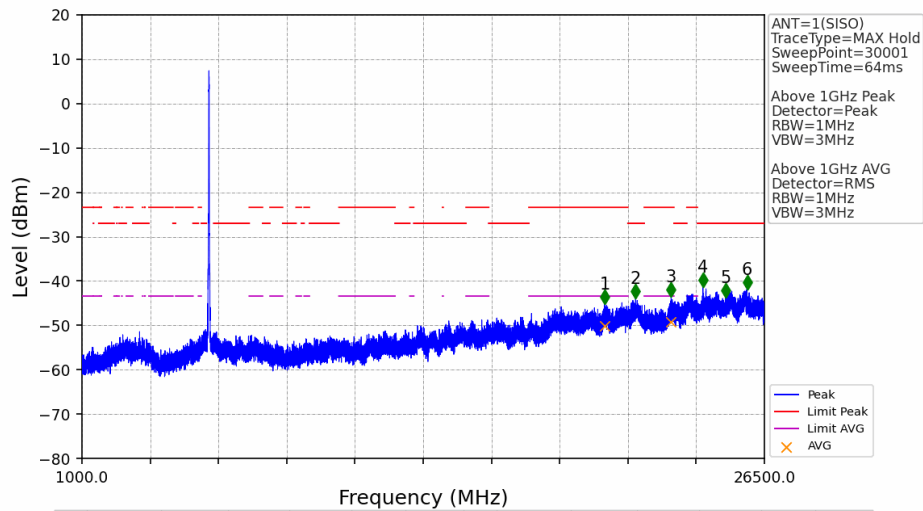
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

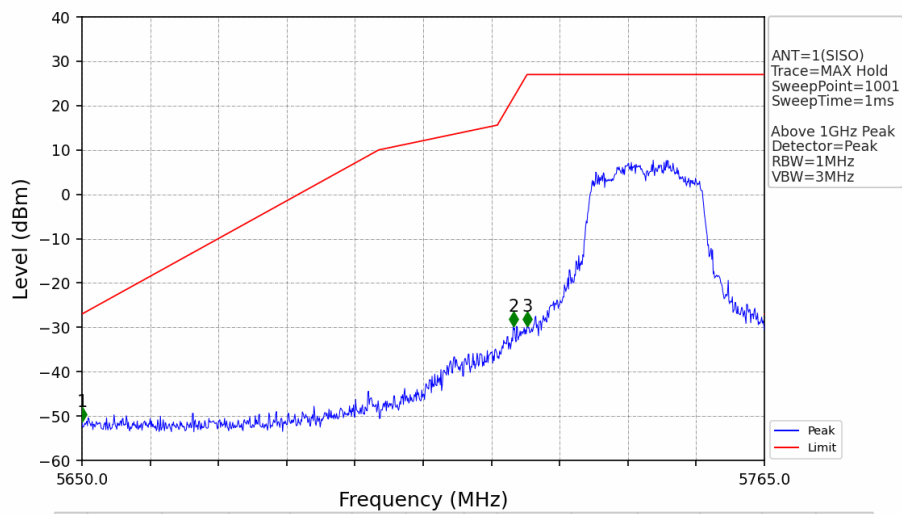


802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



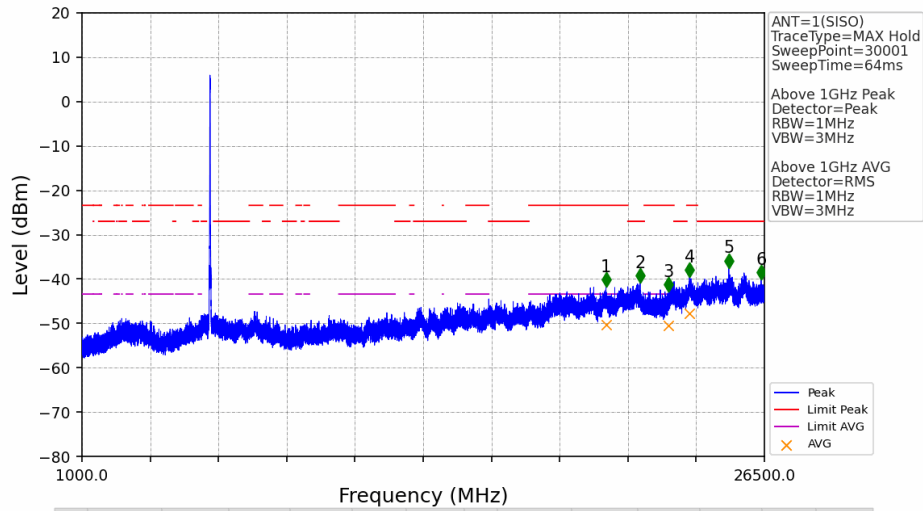
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20533.85	-45.23	-21.20	21.82	Pass	Peak	7	20533.85	-50.22	-41.20	6.82	Pass	AVG
2	21687.3	-43.86	-27.00	14.66	Pass	Peak	8	21687.3	/	-27.00	/	/	AVG
3	23015	-43.45	-21.20	20.05	Pass	Peak	9	23015	-49.17	-41.20	5.77	Pass	AVG
4	24202.45	-41.41	-27.00	12.21	Pass	Peak	10	24202.45	/	-27.00	/	/	AVG
5	25053.3	-43.72	-27.00	14.52	Pass	Peak	11	25053.3	/	-27.00	/	/	AVG
6	25853.15	-41.85	-27.00	12.65	Pass	Peak	12	25853.15	/	-27.00	/	/	AVG

802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



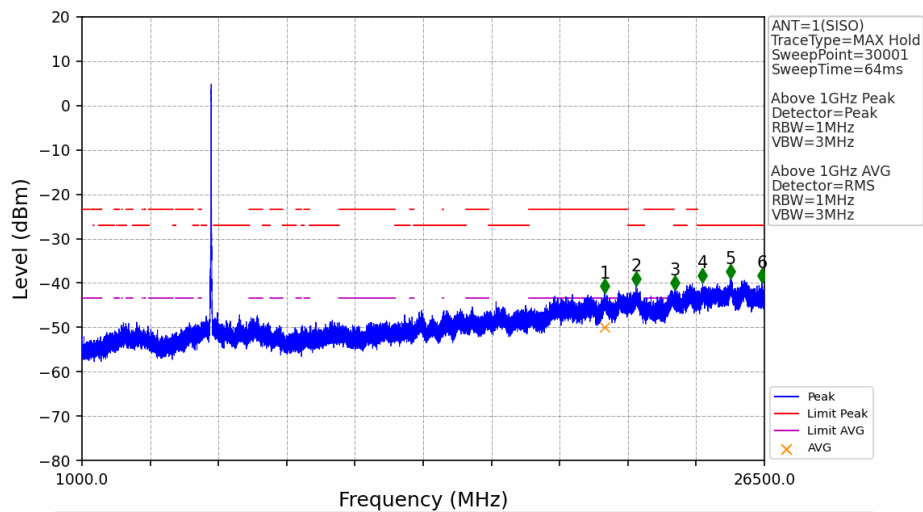
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-51.19	-27.00	21.99	Pass	Peak	3	5725.000	-29.76	27.00	54.56	Pass	Peak
2	5722.680	-29.71	21.71	49.22	Pass	Peak							

802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



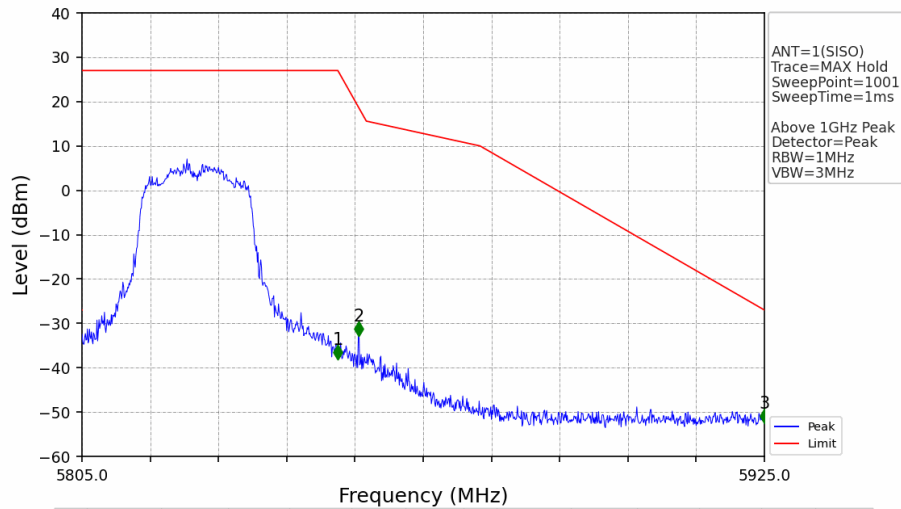
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20578.05	-41.76	-21.20	18.36	Pass Peak	7	20578.05	-50.40	-41.20	7.00	Pass AVG
2	21854.75	-40.81	-27.00	11.61	Pass Peak	8	21854.75	/	-27.00	/	/ AVG
3	22924.05	-42.86	-21.20	19.46	Pass Peak	9	22924.05	-50.51	-41.20	7.11	Pass AVG
4	23701.8	-39.56	-21.20	16.16	Pass Peak	10	23701.8	-47.82	-41.20	4.42	Pass AVG
5	25168.9	-37.41	-27.00	8.21	Pass Peak	11	25168.9	/	-27.00	/	/ AVG
6	26376.75	-40.08	-27.00	10.88	Pass Peak	12	26376.75	/	-27.00	/	/ AVG

802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV

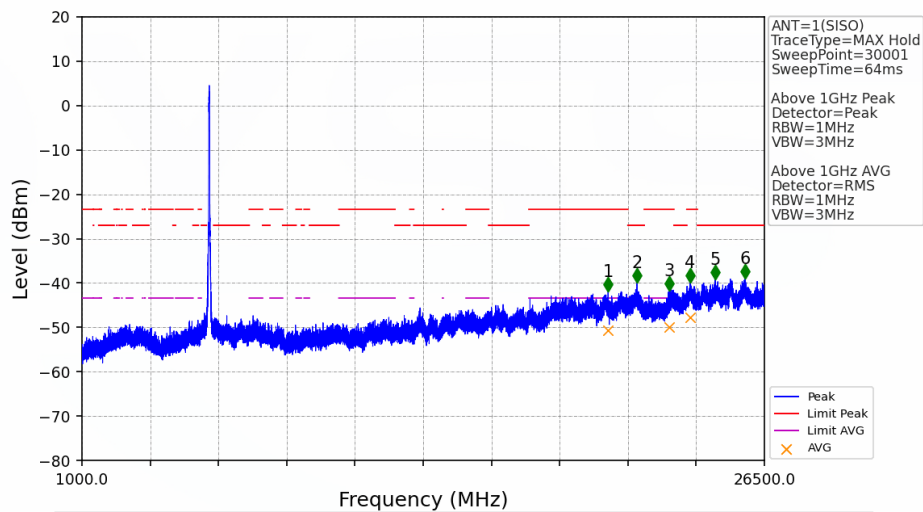


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20531.3	-42.32	-21.20	18.92	Pass Peak	7	20531.3	-49.99	-41.20	6.59	Pass AVG
2	21701.75	-40.60	-27.00	11.40	Pass Peak	8	21701.75	/	-27.00	/	/ AVG
3	23151	-41.44	-27.00	12.24	Pass Peak	9	23151	/	-27.00	/	/ AVG
4	24193.1	-39.88	-27.00	10.68	Pass Peak	10	24193.1	/	-27.00	/	/ AVG
5	25230.1	-38.94	-27.00	9.74	Pass Peak	11	25230.1	/	-27.00	/	/ AVG
6	26409.9	-39.90	-27.00	10.70	Pass Peak	12	26409.9	/	-27.00	/	/ AVG

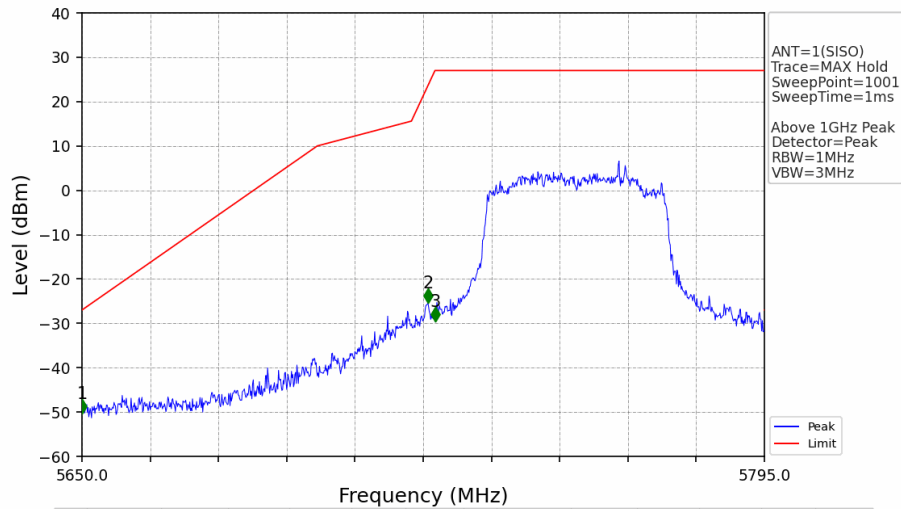
802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV

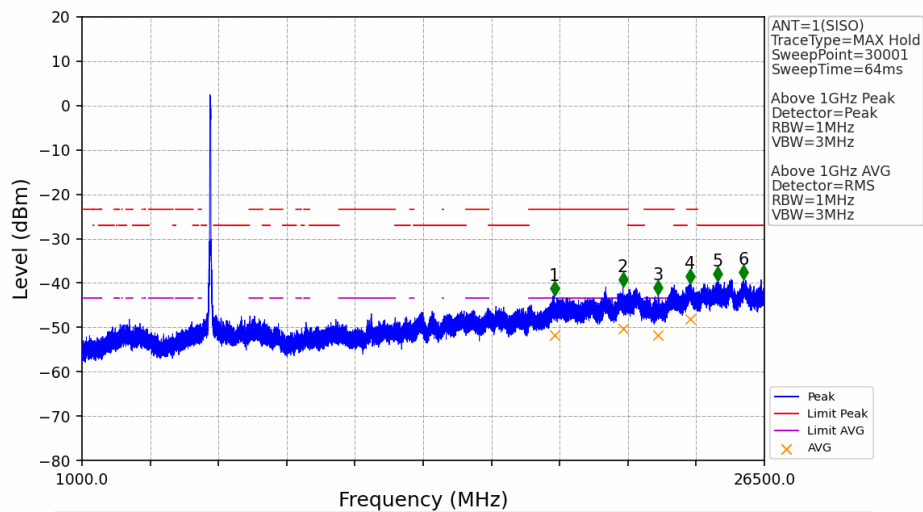


802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



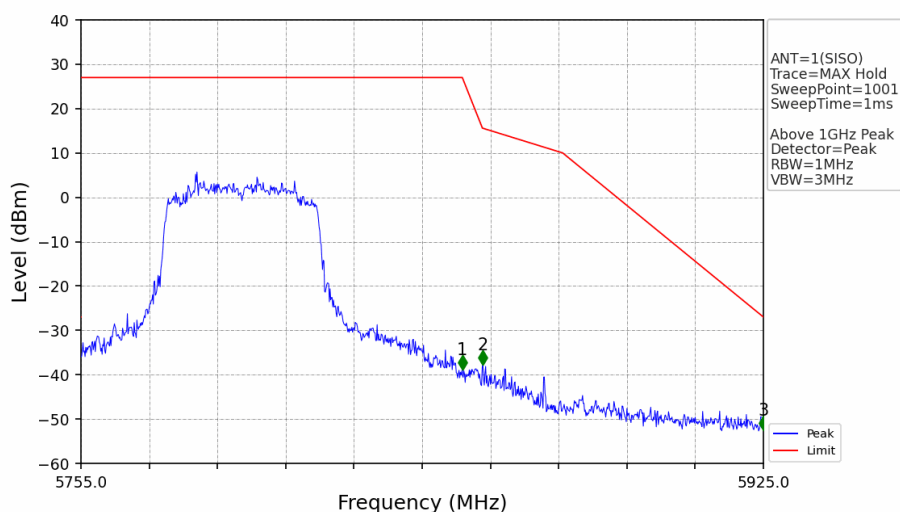
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-50.22	-27.00	21.02	Pass	Peak	3	5725.000	-29.60	27.00	54.40	Pass	Peak
2	5723.515	-25.34	23.61	46.75	Pass	Peak							

802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV



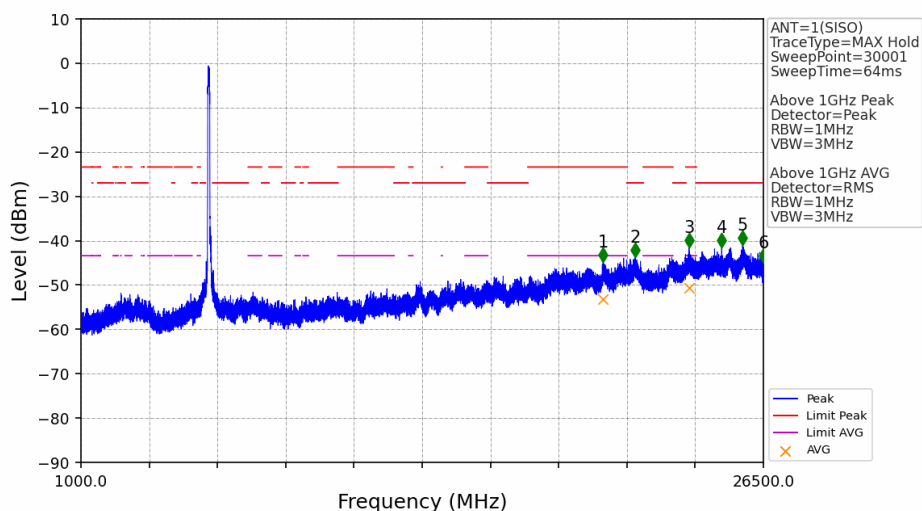
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18649.4	-42.71	-21.20	19.31	Pass	Peak	7	18649.4	-51.84	-41.20	8.44	Pass	AVG
2	21213.85	-40.81	-21.20	17.41	Pass	Peak	8	21213.85	-50.31	-41.20	6.91	Pass	AVG
3	22529.65	-42.68	-21.20	19.28	Pass	Peak	9	22529.65	-51.73	-41.20	8.33	Pass	AVG
4	23726.45	-40.00	-21.20	16.60	Pass	Peak	10	23726.45	-48.07	-41.20	4.67	Pass	AVG
5	24749	-39.54	-27.00	10.34	Pass	Peak	11	24749	/	-27.00	/	/	AVG
6	25729.9	-39.11	-27.00	9.91	Pass	Peak	12	25729.9	/	-27.00	/	/	AVG

802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



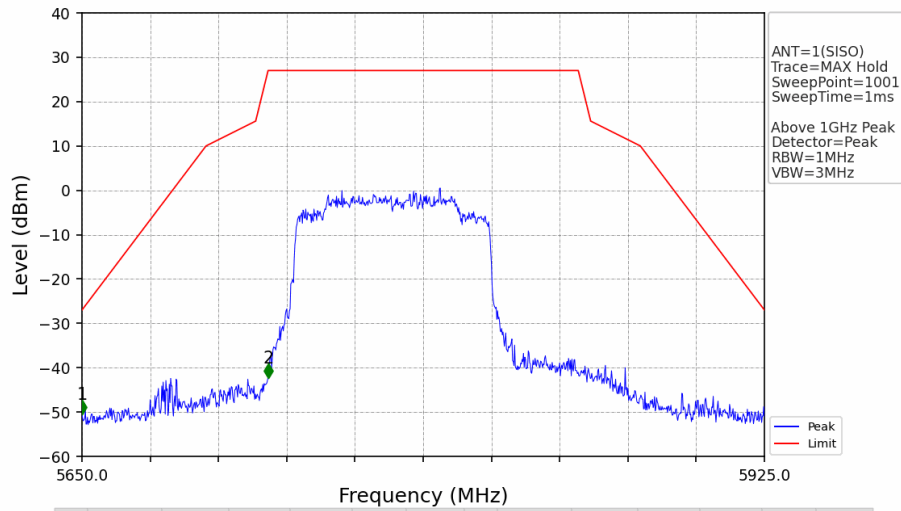
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-38.73	27.00	63.53	Pass	Peak	3	5925.000	-52.41	-27.00	23.21	Pass	Peak
2	5855.130	-37.71	15.56	51.08	Pass	Peak							

802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV

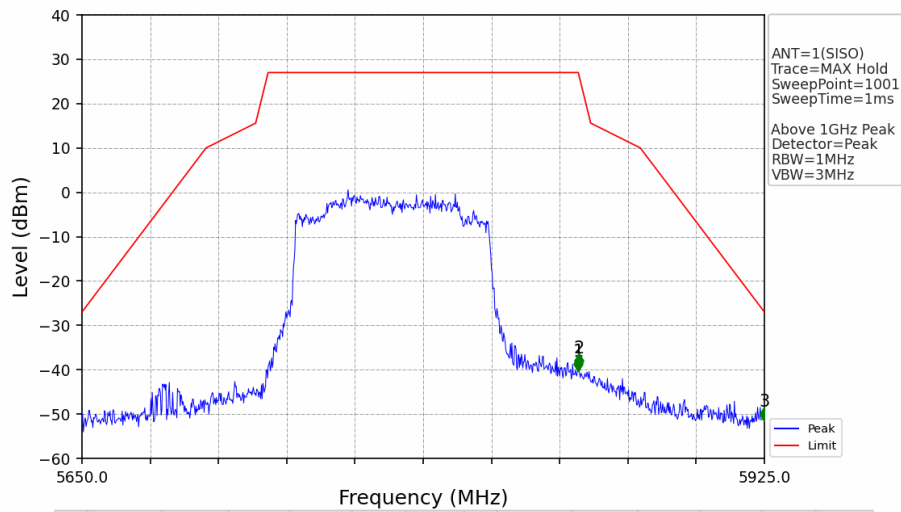


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20510.9	-44.69	-21.20	21.29	Pass	Peak	7	20510.9	-53.18	-41.20	9.78	Pass	AVG
2	21708.55	-43.76	-27.00	14.56	Pass	Peak	8	21708.55	/	-27.00	/	/	AVG
3	23722.2	-41.57	-21.20	18.17	Pass	Peak	9	23722.2	-50.71	-41.20	7.31	Pass	AVG
4	24941.1	-41.50	-27.00	12.30	Pass	Peak	10	24941.1	/	-27.00	/	/	AVG
5	25723.1	-40.91	-27.00	11.71	Pass	Peak	11	25723.1	/	-27.00	/	/	AVG
6	26499.15	-45.04	-27.00	15.84	Pass	Peak	12	26499.15	/	-27.00	/	/	AVG

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	5744.996	5725 to 5850	Pass
				120	5744.996	5725 to 5850	Pass
				138	5744.996	5725 to 5850	Pass
			-30	120	5744.996	5725 to 5850	Pass
			-20	120	5744.995	5725 to 5850	Pass
			-10	120	5744.995	5725 to 5850	Pass
			0	120	5744.995	5725 to 5850	Pass
			10	120	5744.995	5725 to 5850	Pass
			30	120	5744.995	5725 to 5850	Pass
			40	120	5744.995	5725 to 5850	Pass
			50	120	5744.995	5725 to 5850	Pass
		5785	20	102	5784.996	5725 to 5850	Pass
				120	5784.996	5725 to 5850	Pass
				138	5784.996	5725 to 5850	Pass
			-30	120	5784.996	5725 to 5850	Pass
			-20	120	5784.996	5725 to 5850	Pass
			-10	120	5784.996	5725 to 5850	Pass
			0	120	5784.996	5725 to 5850	Pass
			10	120	5784.996	5725 to 5850	Pass
			30	120	5784.996	5725 to 5850	Pass
			40	120	5784.996	5725 to 5850	Pass
			50	120	5784.996	5725 to 5850	Pass
		5825	20	102	5824.998	5725 to 5850	Pass
				120	5824.998	5725 to 5850	Pass
				138	5824.998	5725 to 5850	Pass
			-30	120	5824.998	5725 to 5850	Pass
			-20	120	5824.998	5725 to 5850	Pass
			-10	120	5824.998	5725 to 5850	Pass
			0	120	5824.997	5725 to 5850	Pass
			10	120	5824.998	5725 to 5850	Pass
			30	120	5824.998	5725 to 5850	Pass
			40	120	5824.997	5725 to 5850	Pass
			50	120	5824.997	5725 to 5850	Pass
		5755	20	102	5754.997	5725 to 5850	Pass
				120	5754.997	5725 to 5850	Pass
				138	5754.997	5725 to 5850	Pass
			-30	120	5754.997	5725 to 5850	Pass
			-20	120	5754.997	5725 to 5850	Pass
			-10	120	5754.997	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	5794.994	5725 to 5850	Pass
				138	5794.994	5725 to 5850	Pass
			-30	120	5794.994	5725 to 5850	Pass

			-20	120	5794.994	5725 to 5850	Pass
			-10	120	5794.994	5725 to 5850	Pass
			0	120	5794.995	5725 to 5850	Pass
			10	120	5794.995	5725 to 5850	Pass
			30	120	5794.995	5725 to 5850	Pass
			40	120	5794.995	5725 to 5850	Pass
			50	120	5794.995	5725 to 5850	Pass
		5775	20	102	5774.997	5725 to 5850	Pass
				120	5774.997	5725 to 5850	Pass
				138	5774.997	5725 to 5850	Pass
			-30	120	5774.997	5725 to 5850	Pass
			-20	120	5774.997	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 ◀◀◀

