

1. Duty Cycle

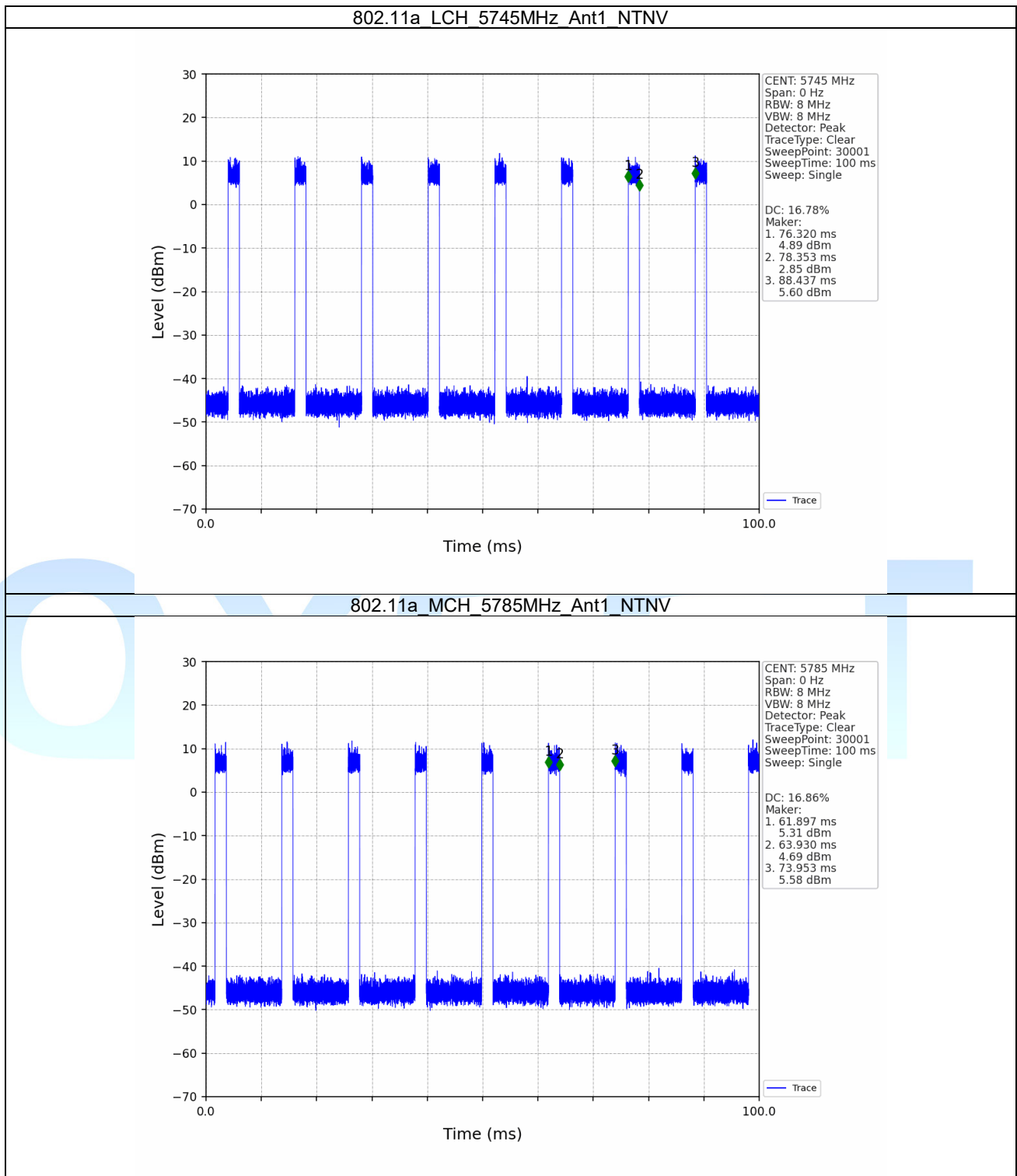
1.1 Test Result

1.1.1 Ant1

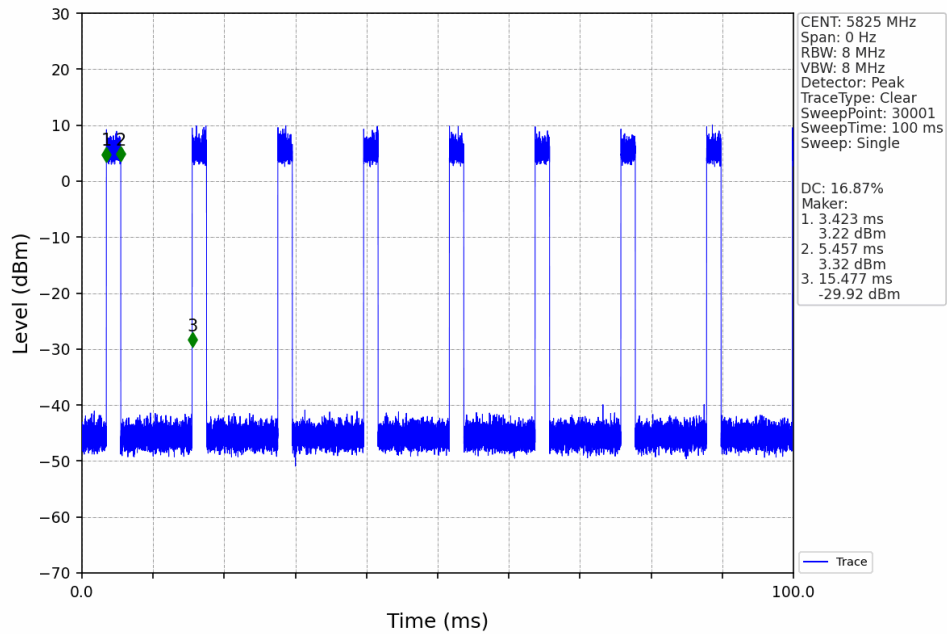
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	/	/	2.033	12.117	16.78	7.75	0.09
		5785	/	/	2.033	12.056	16.86	7.73	0.04
		5825	/	/	2.034	12.054	16.87	7.73	0.00
802.11n (HT20)	SISO	5745	/	/	1.893	12.117	15.62	8.06	0.30
		5785	/	/	1.893	11.916	15.89	7.99	0.01
		5825	/	/	1.893	12.043	15.72	8.04	0.18
802.11n (HT40)	SISO	5755	/	/	0.933	11.016	8.47	10.72	0.05
		5795	/	/	0.930	10.950	8.49	10.71	0.03
802.11ac (VHT20)	SISO	5745	/	/	1.900	11.966	15.88	7.99	0.09
		5785	/	/	1.900	11.920	15.94	7.98	0.03
		5825	/	/	1.900	11.920	15.94	7.98	0.03
802.11ac (VHT40)	SISO	5755	/	/	0.940	11.000	8.55	10.68	0.04
		5795	/	/	0.937	10.957	8.55	10.68	0.03
802.11ac (VHT80)	SISO	5775	/	/	0.457	10.500	4.35	13.61	0.03
802.11ax (HEW20)	SISO	5745	SU	/	1.464	11.857	12.35	9.08	0.41
		5785	SU	/	1.460	11.480	12.72	8.96	0.03
		5825	SU	/	1.460	11.480	12.72	8.96	0.03
802.11ax (HEW40)	SISO	5755	SU	/	0.763	10.900	7.00	11.55	0.08
		5795	SU	/	0.763	10.787	7.07	11.50	0.00
802.11ax (HEW80)	SISO	5775	SU	/	0.393	10.416	3.77	14.23	0.03

1.2 Test Graph

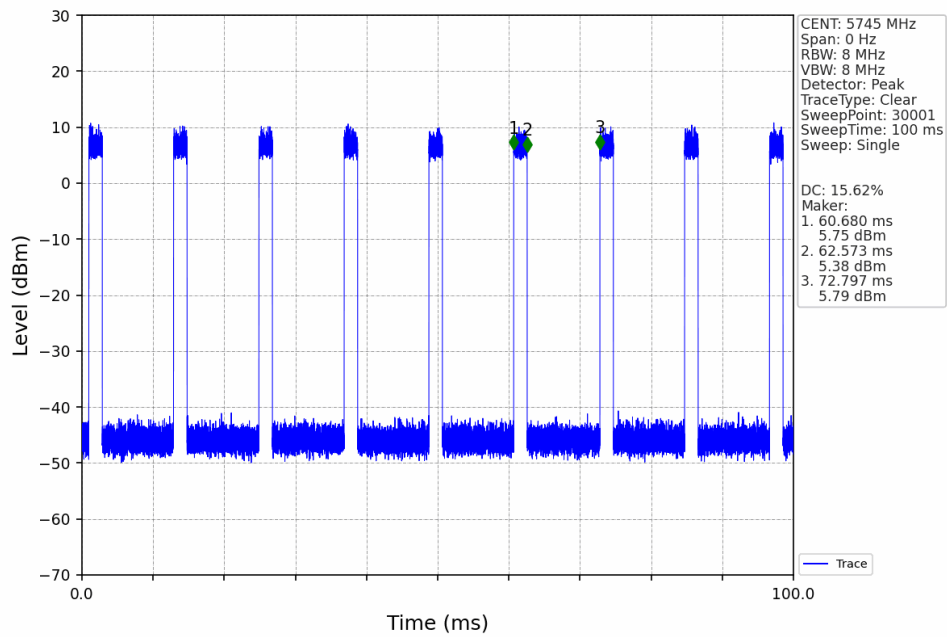
1.2.1 Ant1



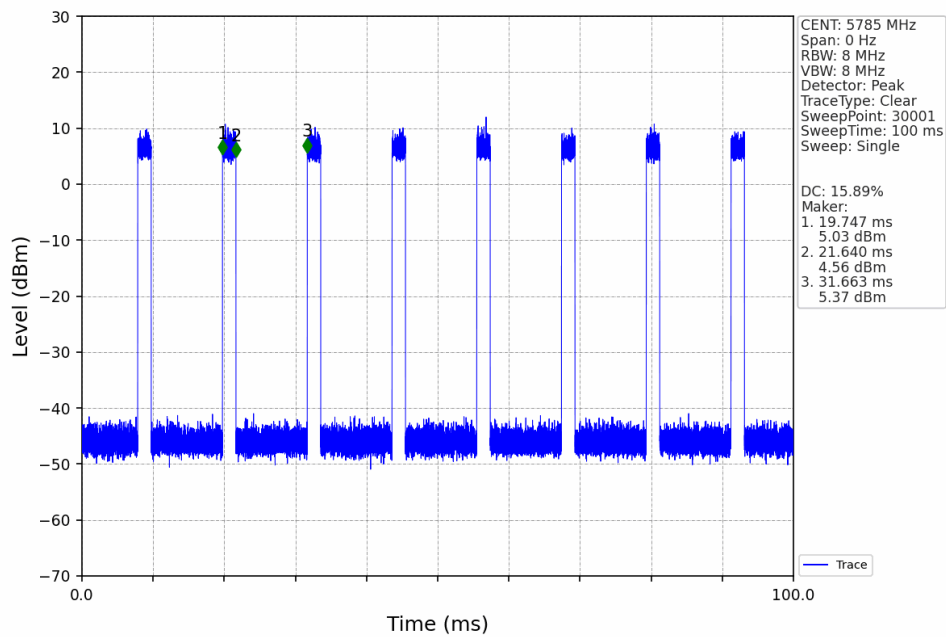
802.11a_HCH_5825MHz_Ant1_NTNV



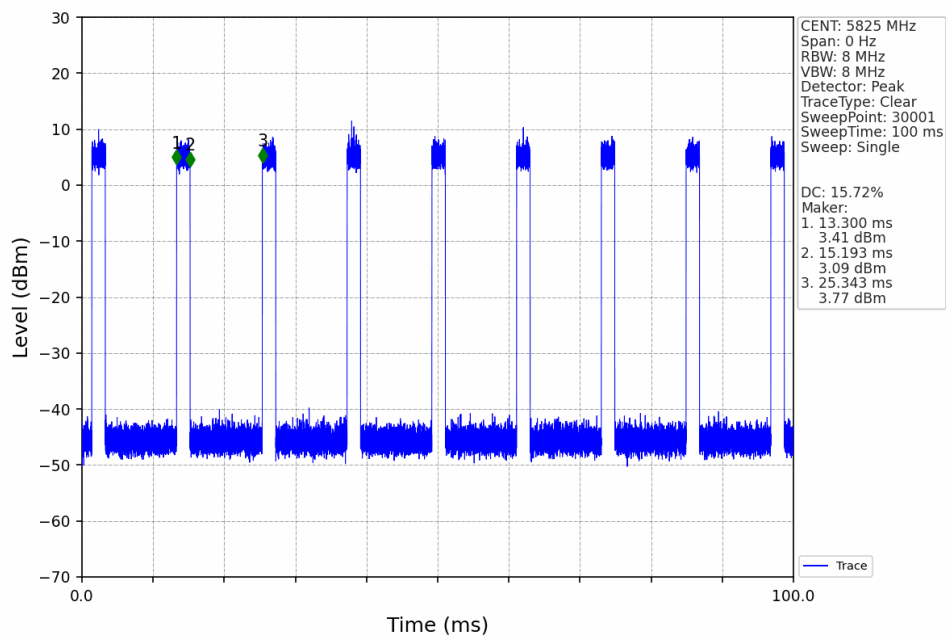
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



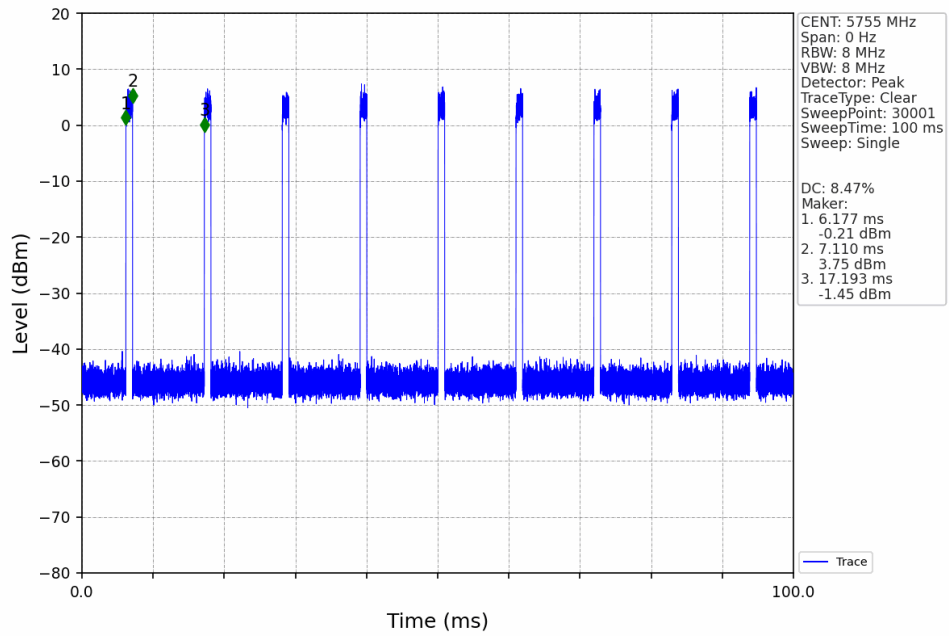
802.11n(HT20) MCH_5785MHz_Ant1_NTNV



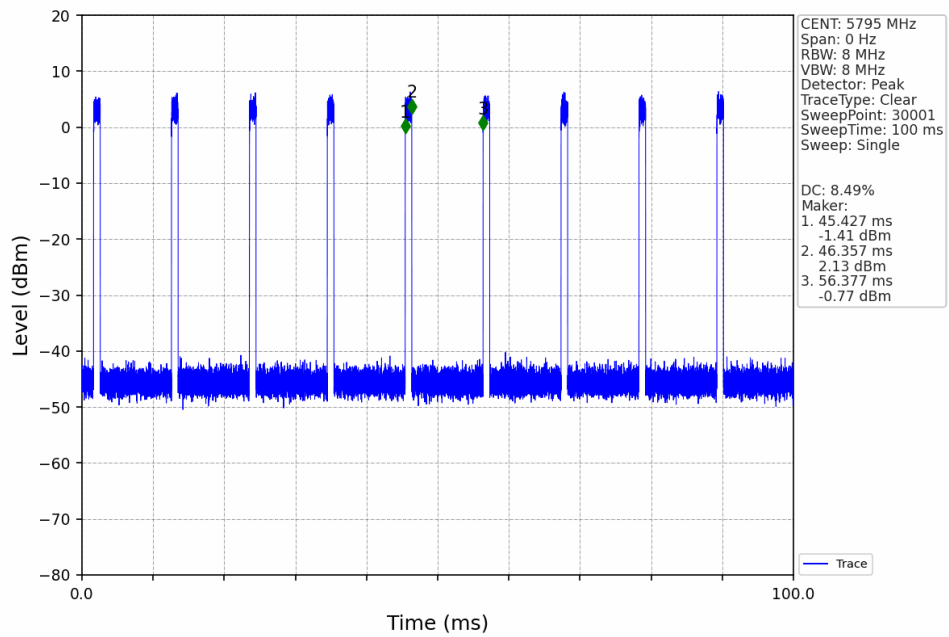
802.11n(HT20) HCH_5825MHz_Ant1_NTNV



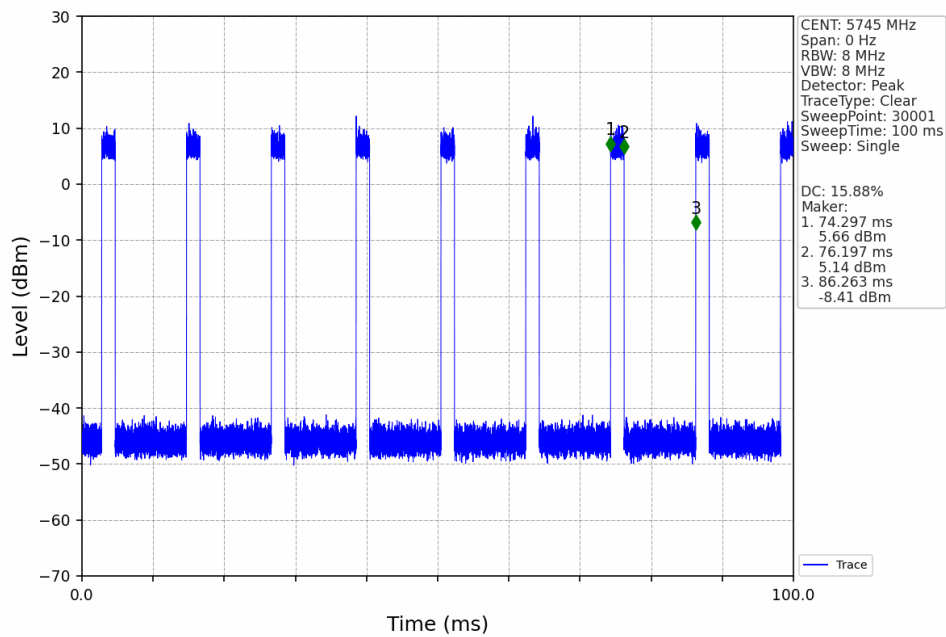
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



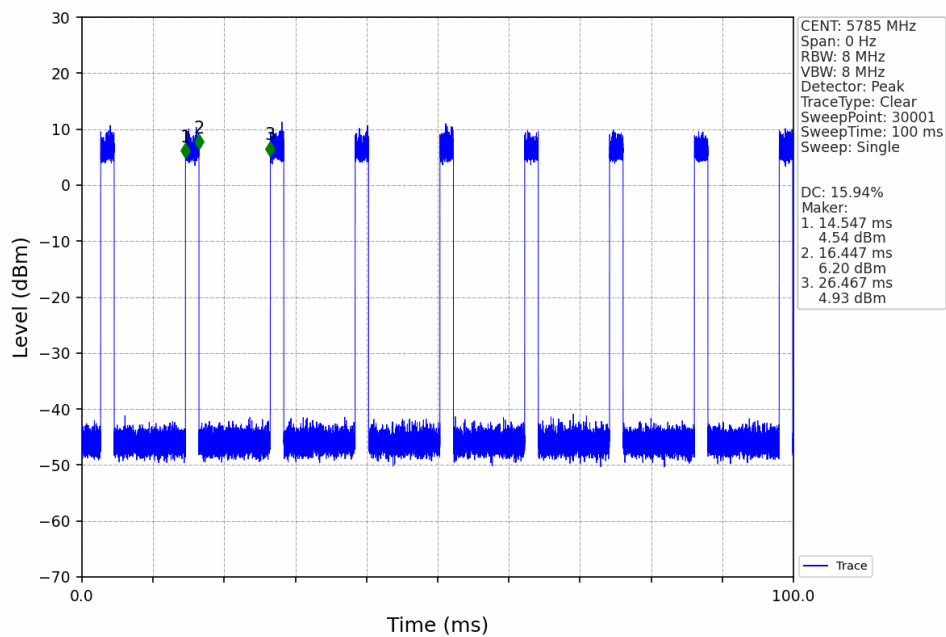
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



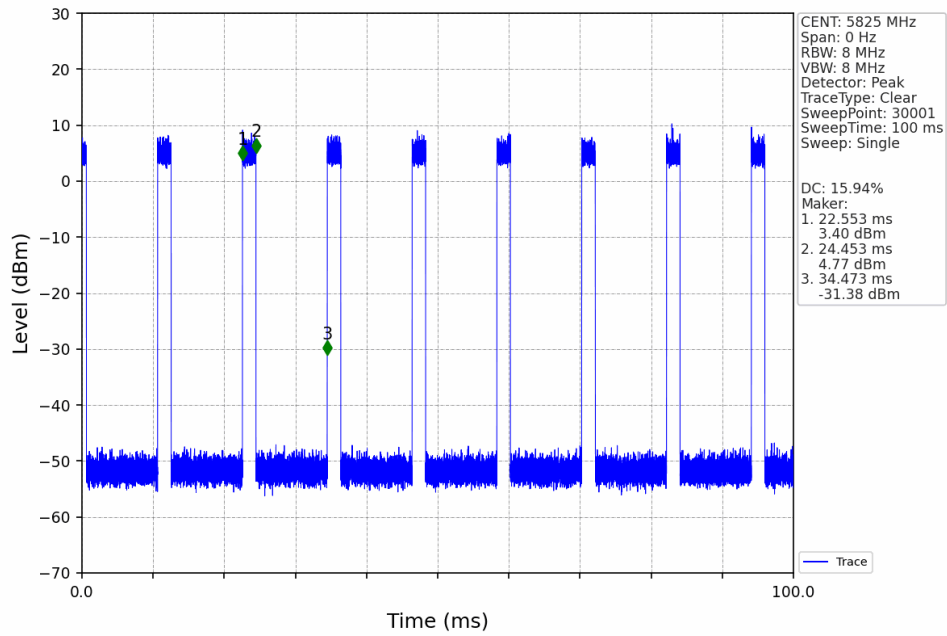
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



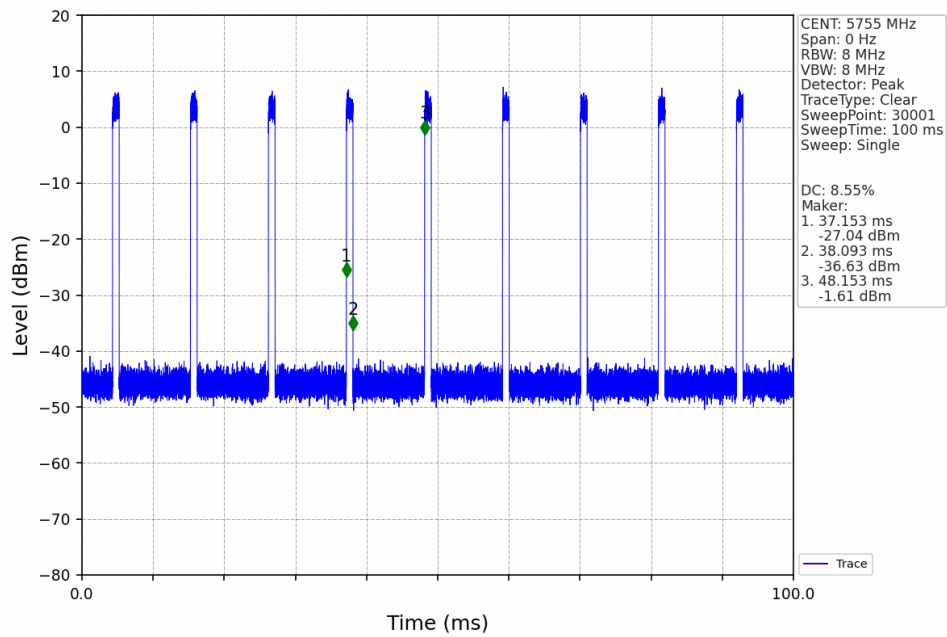
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



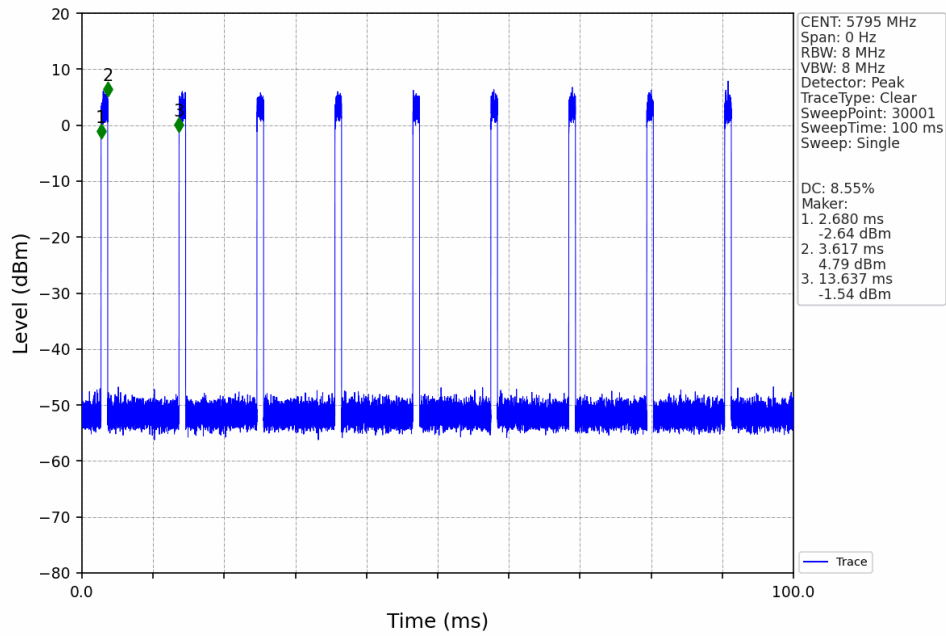
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



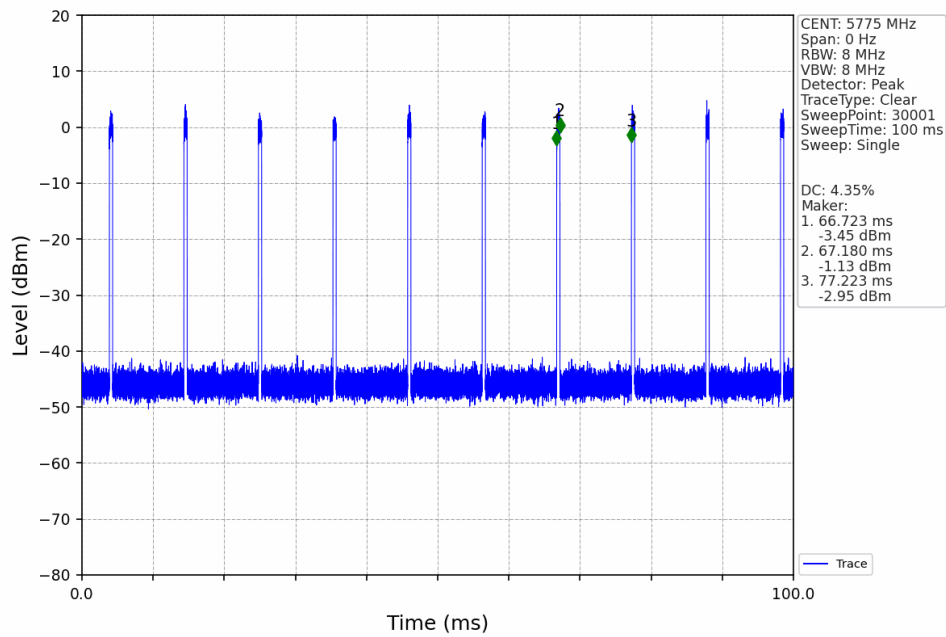
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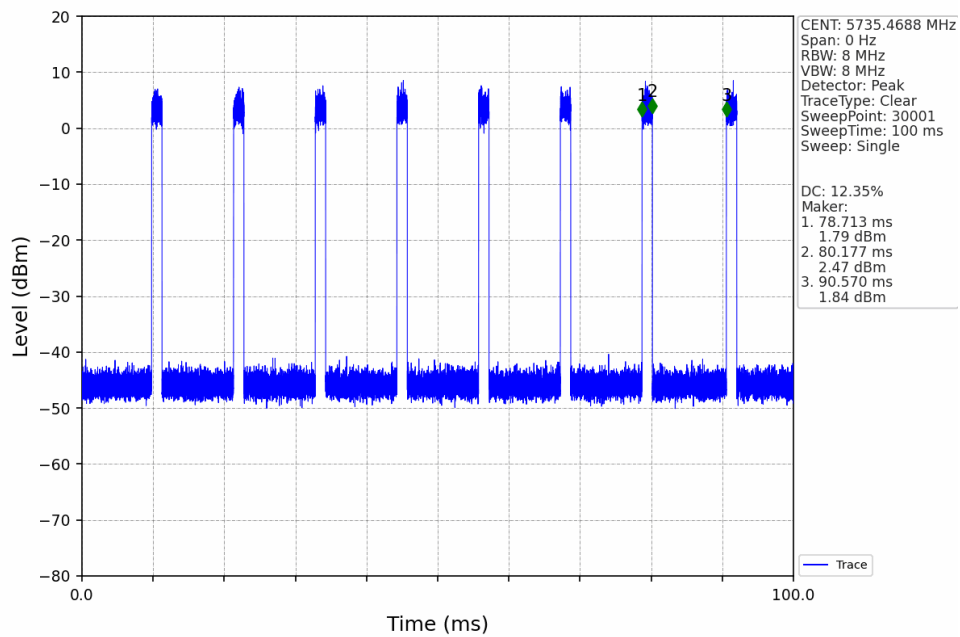
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



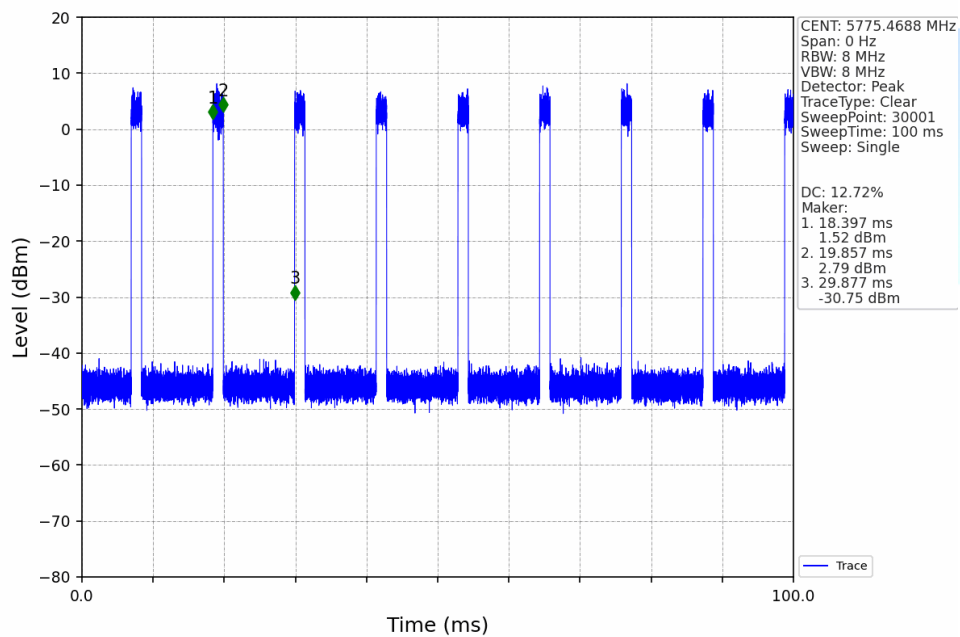
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



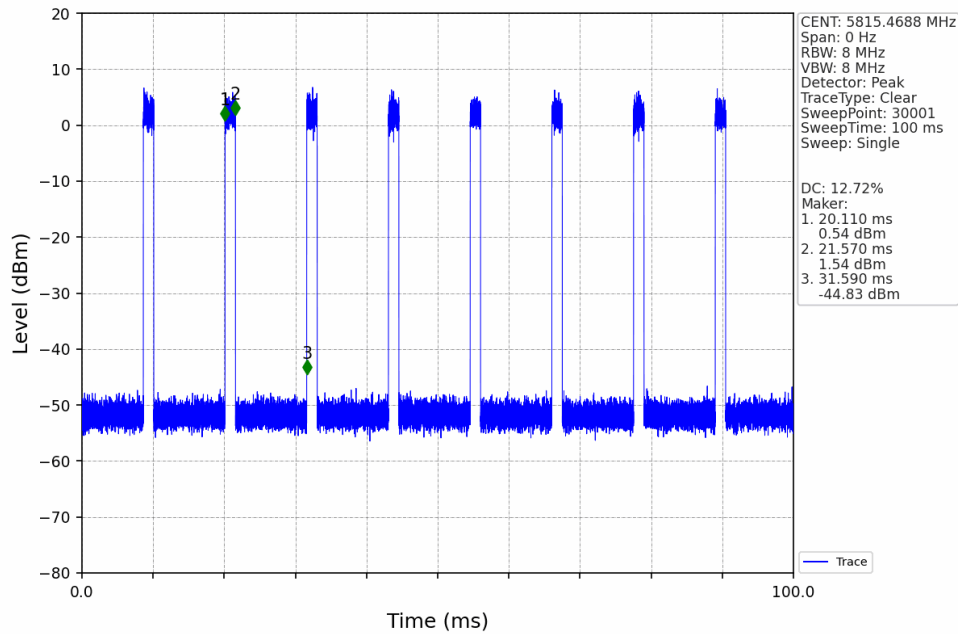
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



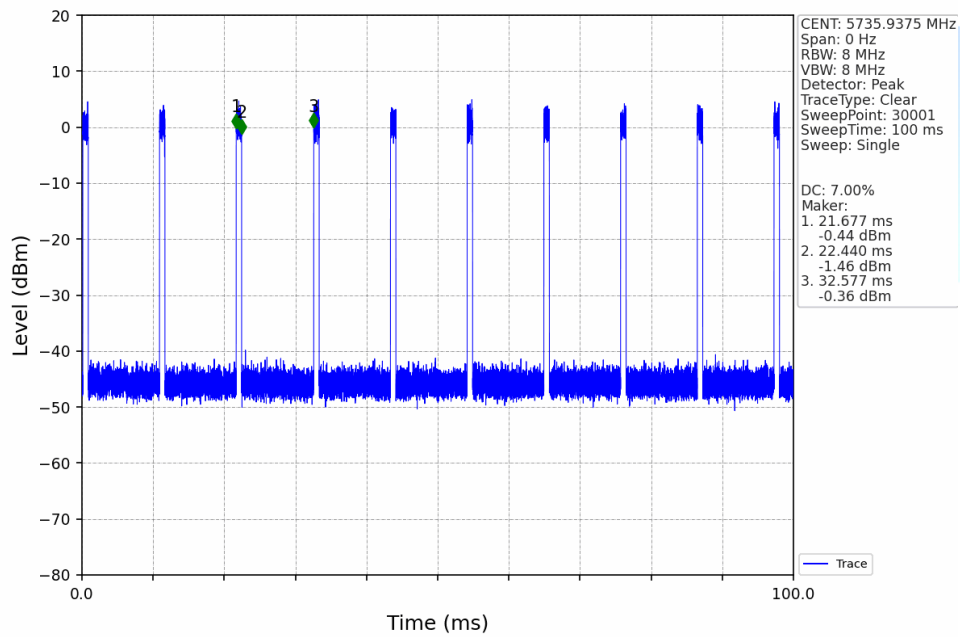
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



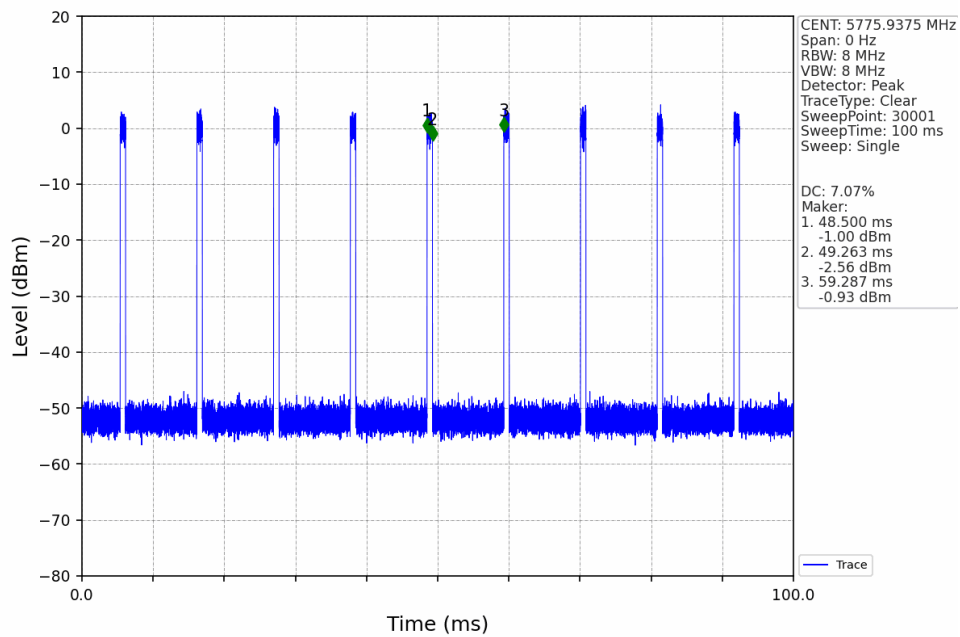
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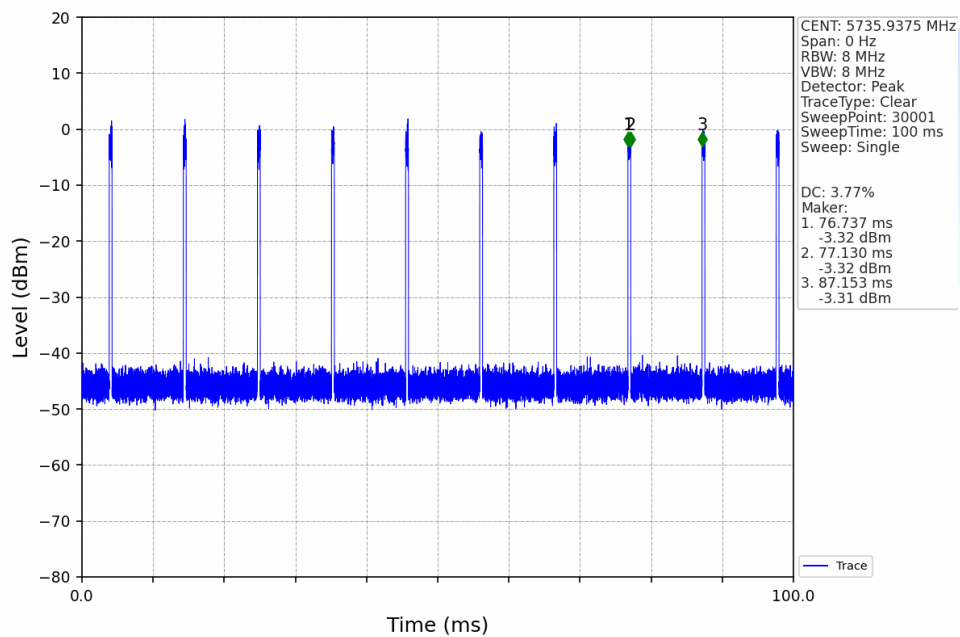
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	18.736	/	Pass
		5785	/	/	1	18.485	/	Pass
		5825	/	/	1	18.632	/	Pass
802.11n (HT20)	SISO	5745	/	/	1	19.539	/	Pass
		5785	/	/	1	19.659	/	Pass
		5825	/	/	1	19.701	/	Pass
802.11n (HT40)	SISO	5755	/	/	1	37.761	/	Pass
		5795	/	/	1	37.767	/	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	19.666	/	Pass
		5785	/	/	1	19.665	/	Pass
		5825	/	/	1	19.586	/	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	37.873	/	Pass
		5795	/	/	1	37.823	/	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	77.098	/	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	20.018	/	Pass
		5785	SU	/	1	20.215	/	Pass
		5825	SU	/	1	20.181	/	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	39.063	/	Pass
		5795	SU	/	1	38.899	/	Pass
802.11ax (HEW80)	SISO	5775	SU	/	1	78.551	/	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	16.380	≥ 0.5	Pass
		5785	/	/	1	16.388	≥ 0.5	Pass
		5825	/	/	1	16.369	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.614	≥ 0.5	Pass
		5785	/	/	1	17.646	≥ 0.5	Pass
		5825	/	/	1	17.627	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.371	≥ 0.5	Pass
		5795	/	/	1	36.372	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.634	≥ 0.5	Pass
		5785	/	/	1	17.661	≥ 0.5	Pass
		5825	/	/	1	17.635	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.387	≥ 0.5	Pass
		5795	/	/	1	36.355	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	75.754	≥ 0.5	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	19.019	≥ 0.5	Pass
		5785	SU	/	1	19.012	≥ 0.5	Pass
		5825	SU	/	1	19.127	≥ 0.5	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	38.119	≥ 0.5	Pass
		5795	SU	/	1	37.572	≥ 0.5	Pass
802.11ax	SISO	5775	SU	/	1	77.727	≥ 0.5	Pass

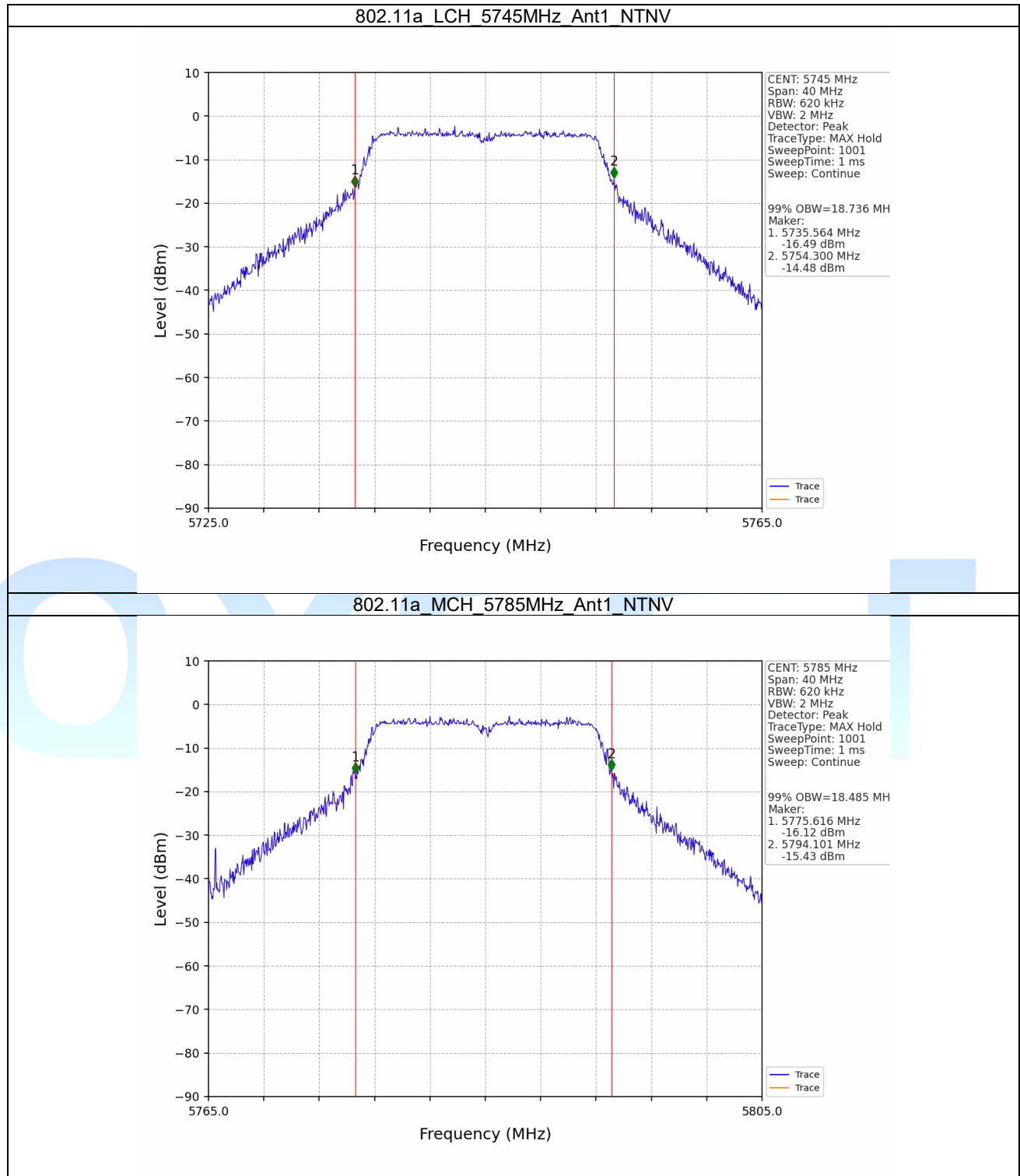


(HEW80)								
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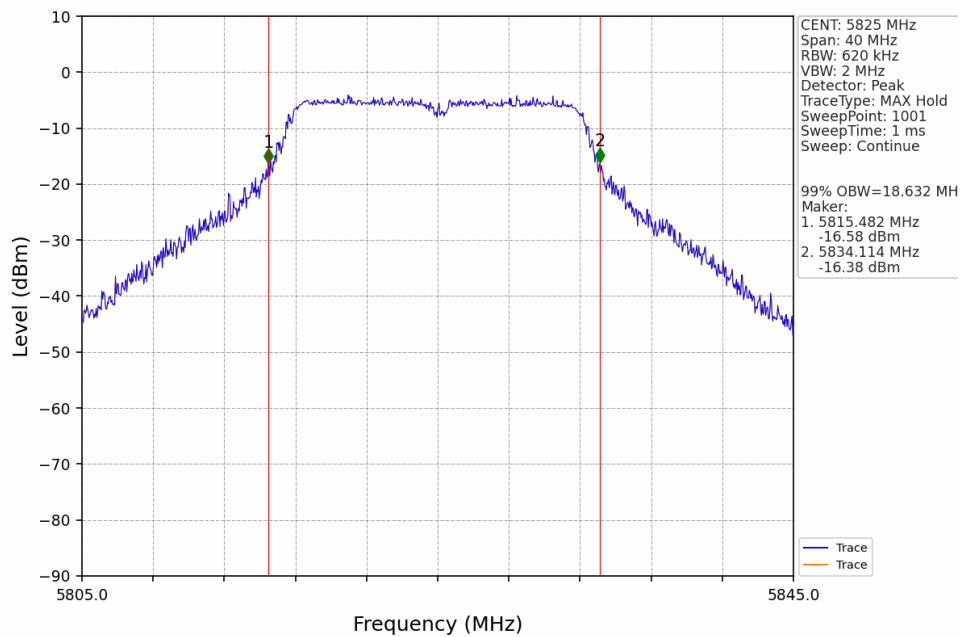


2.2 Test Graph

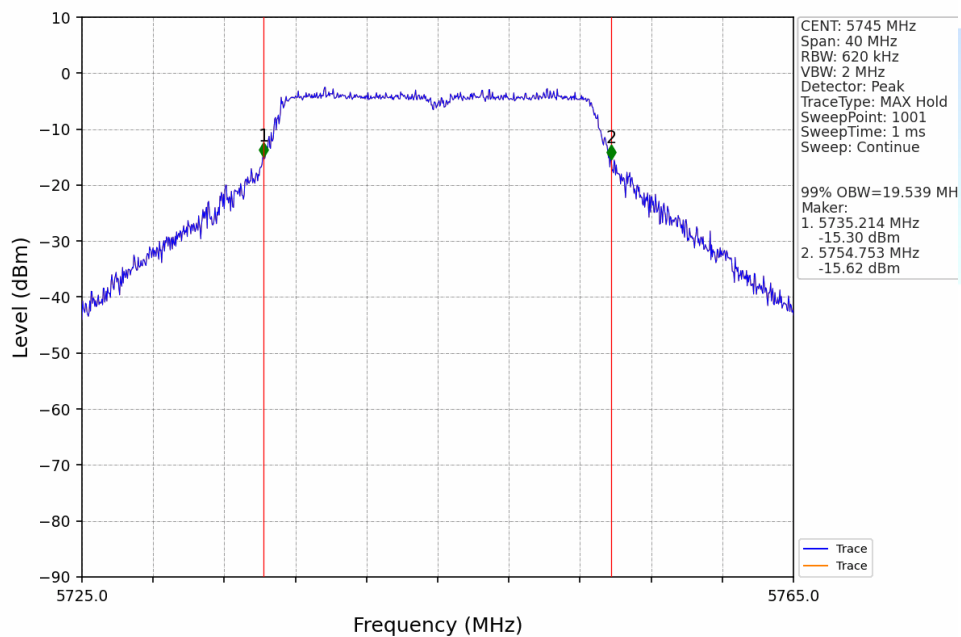
2.2.1 OBW



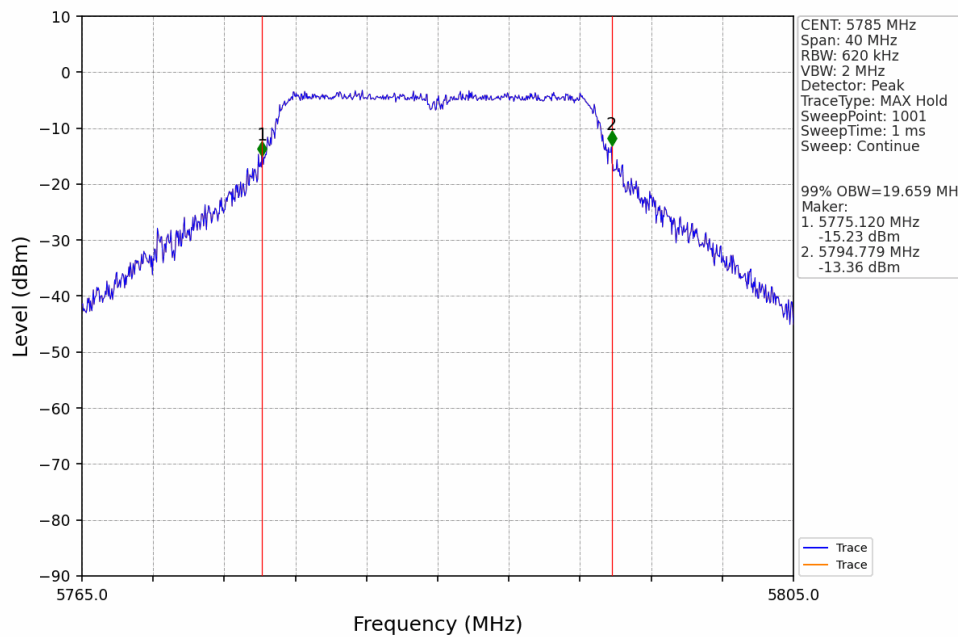
802.11a_HCH_5825MHz_Ant1_NTNV



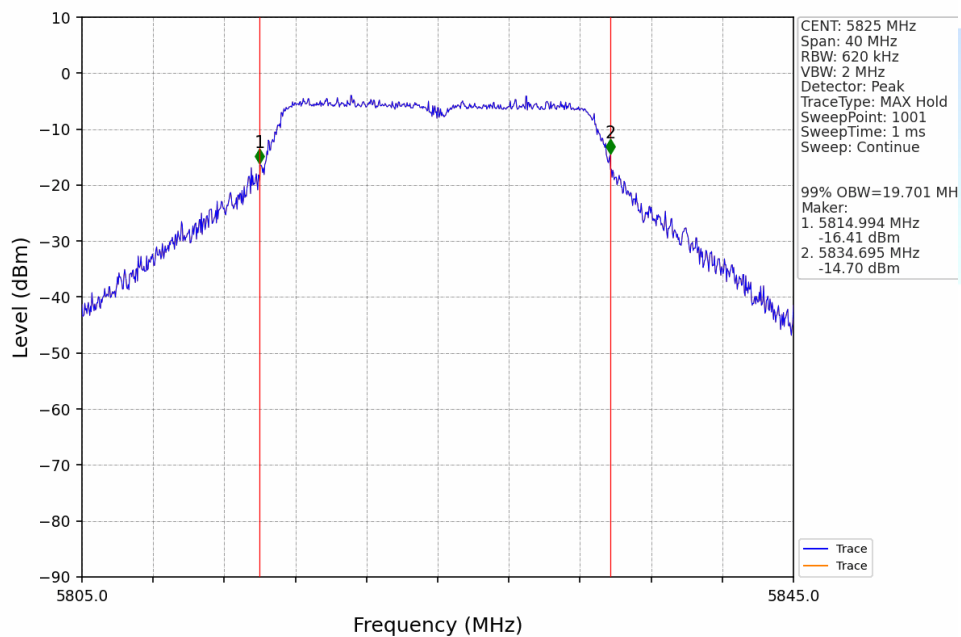
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



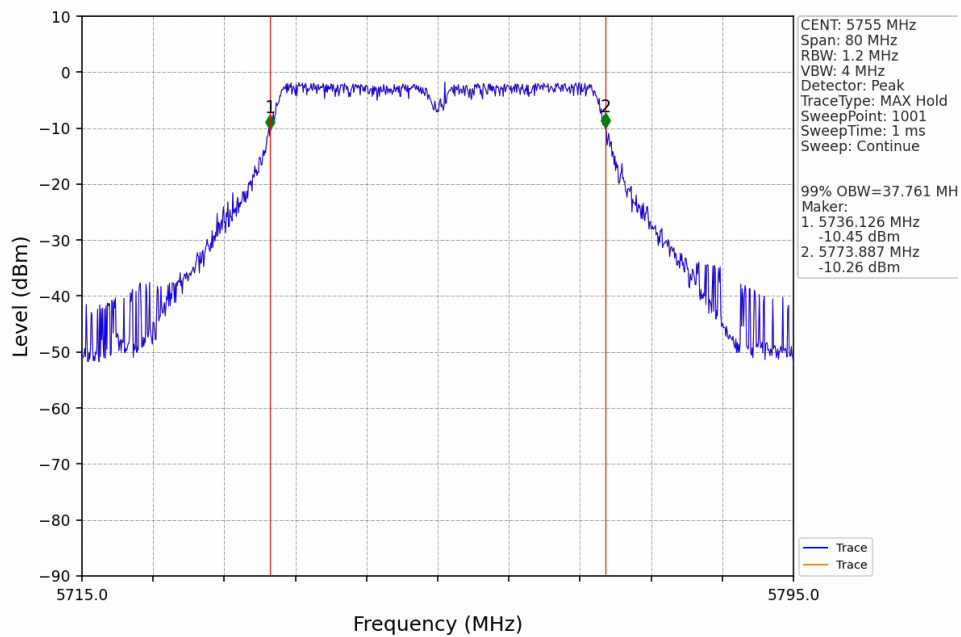
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



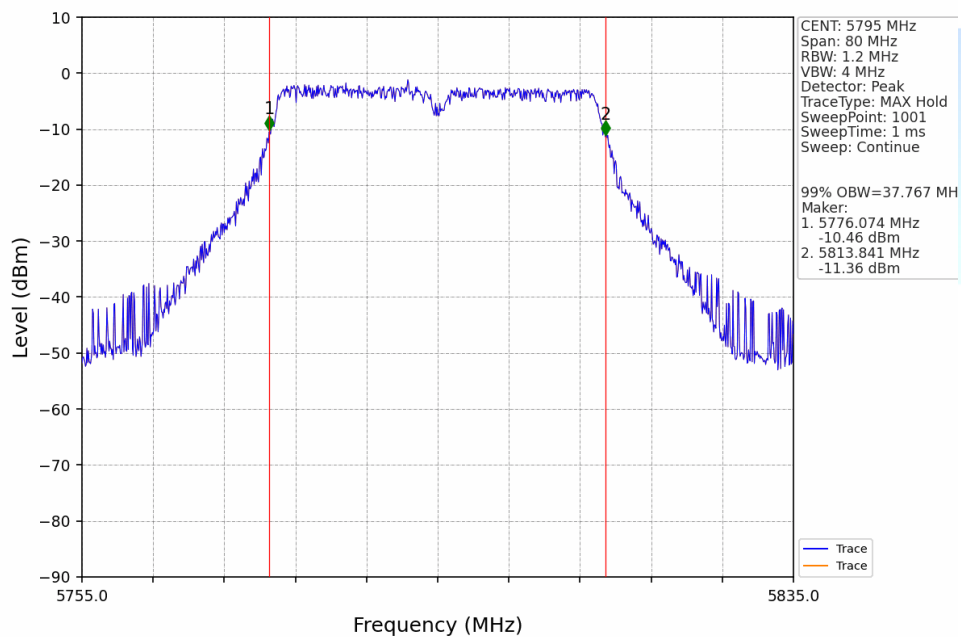
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



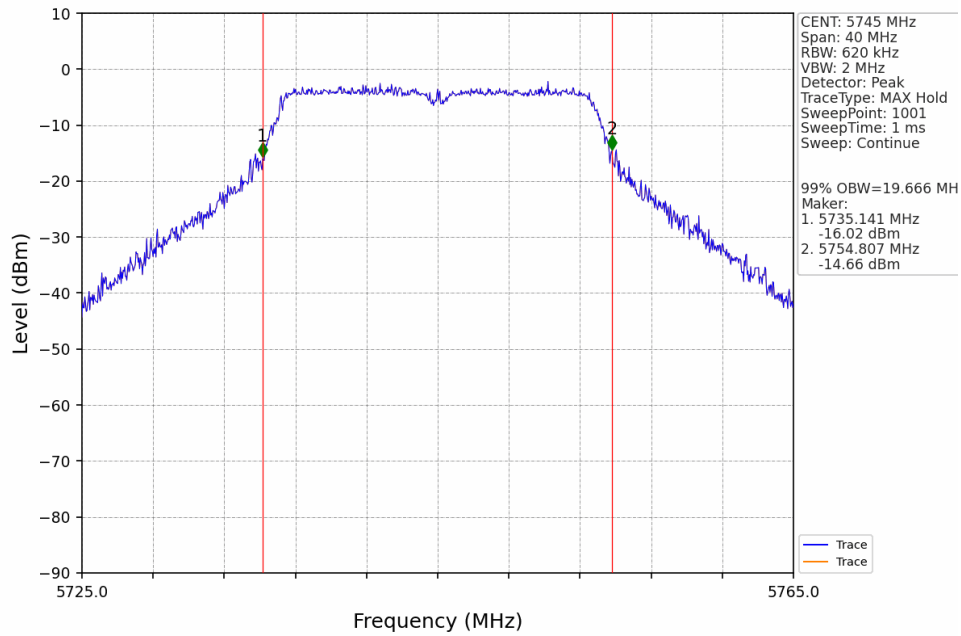
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



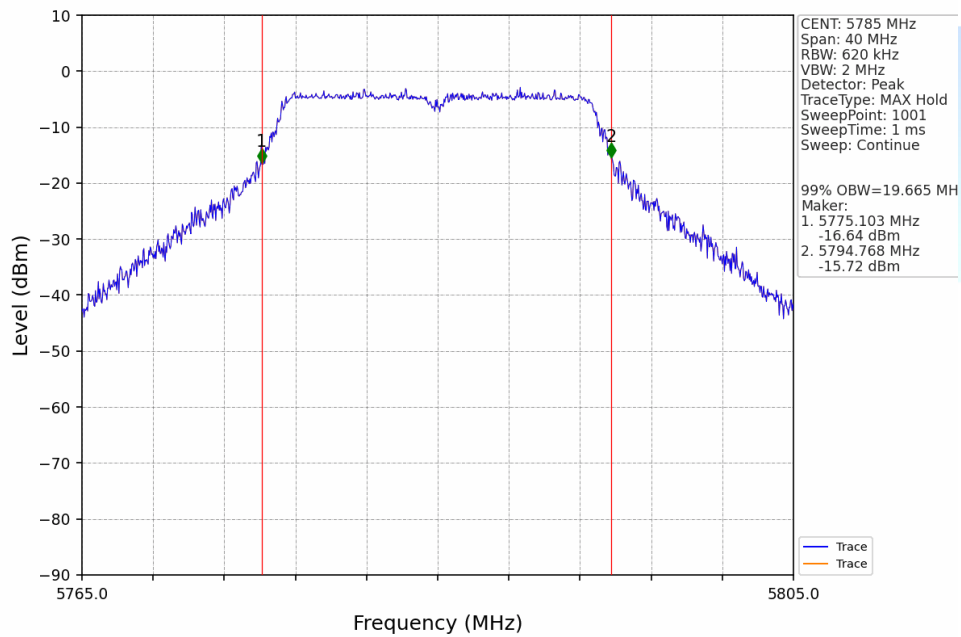
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



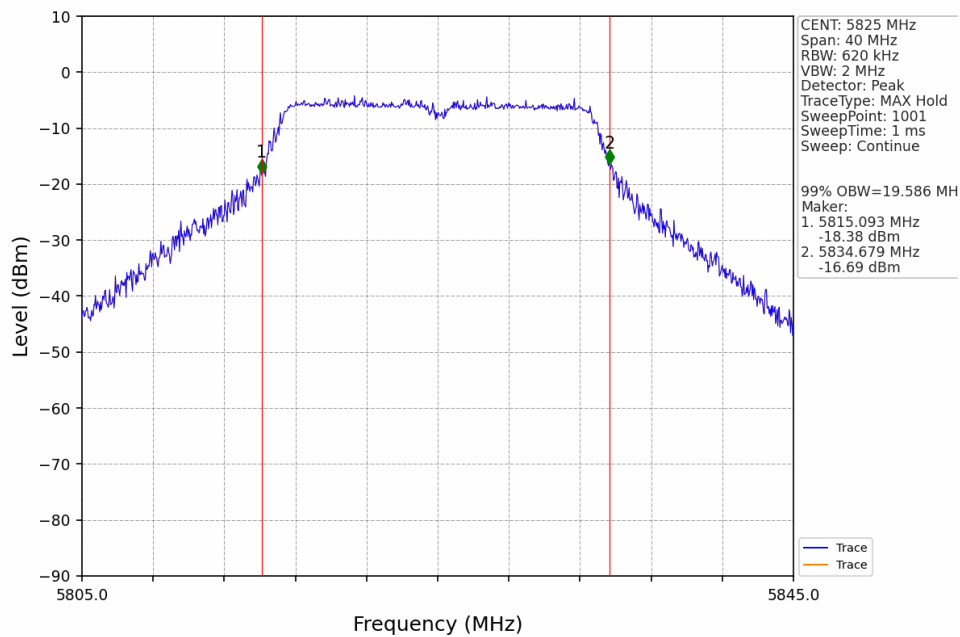
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



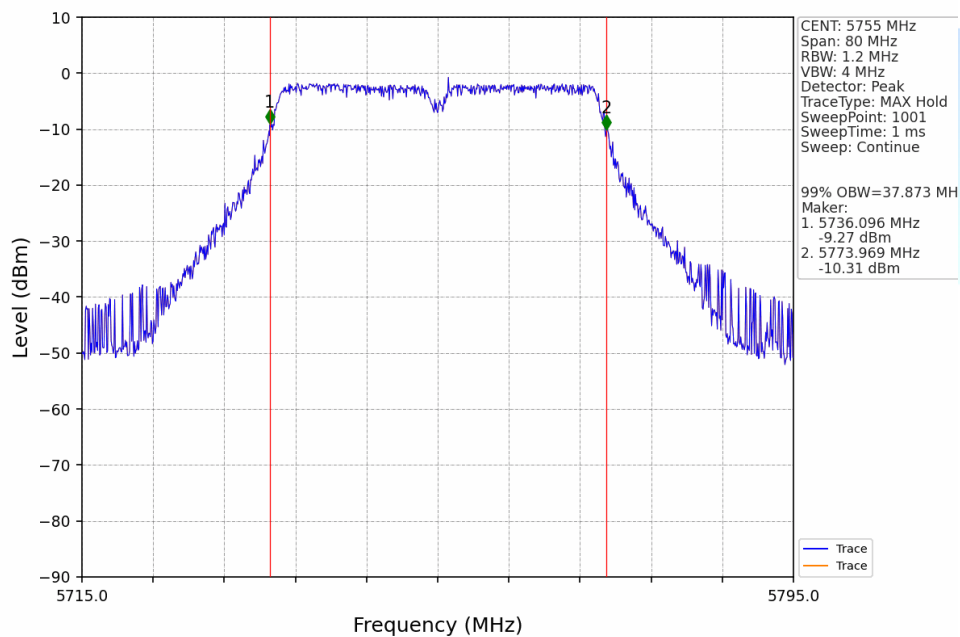
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



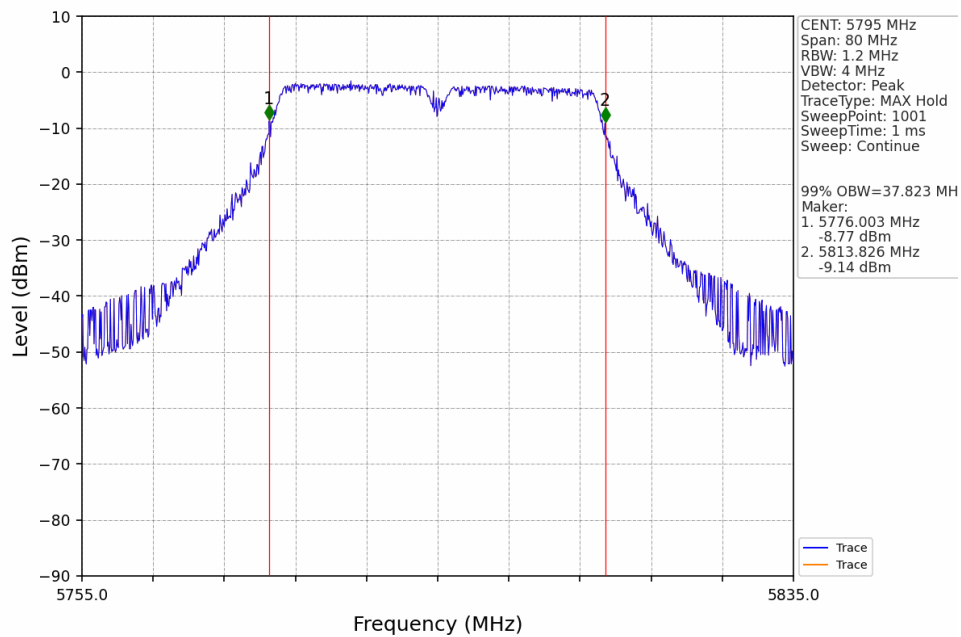
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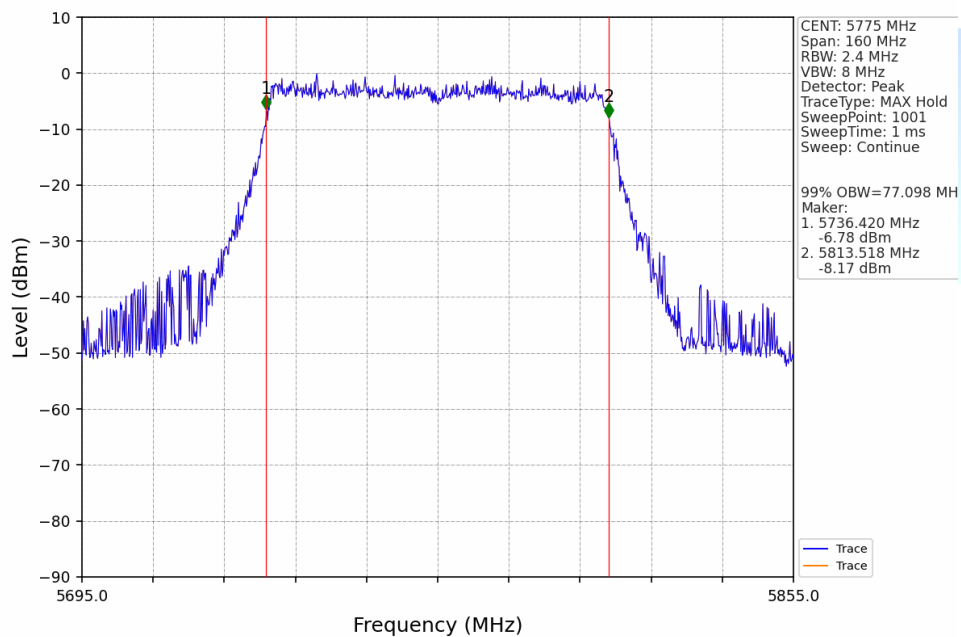
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



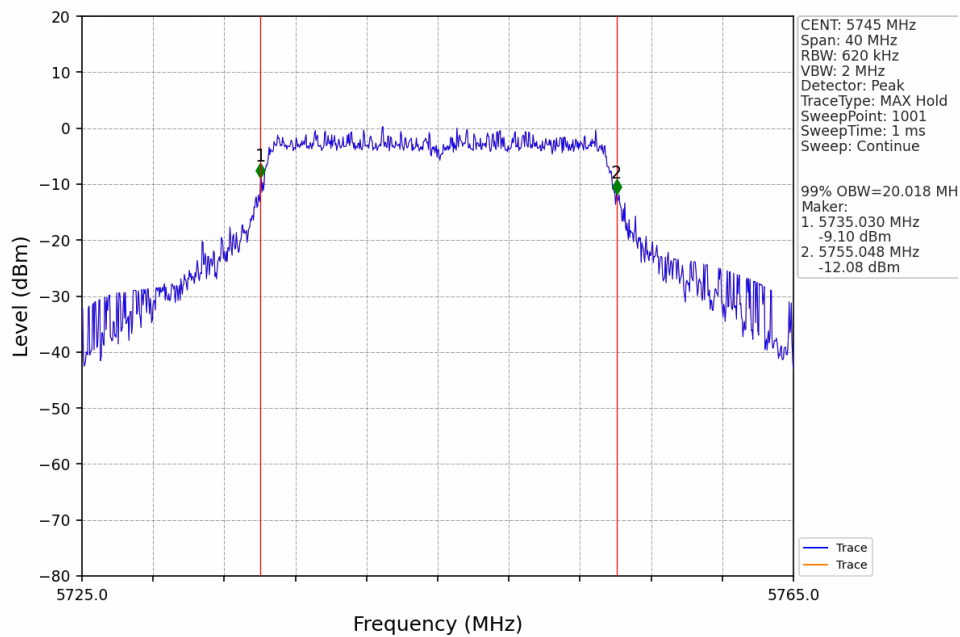
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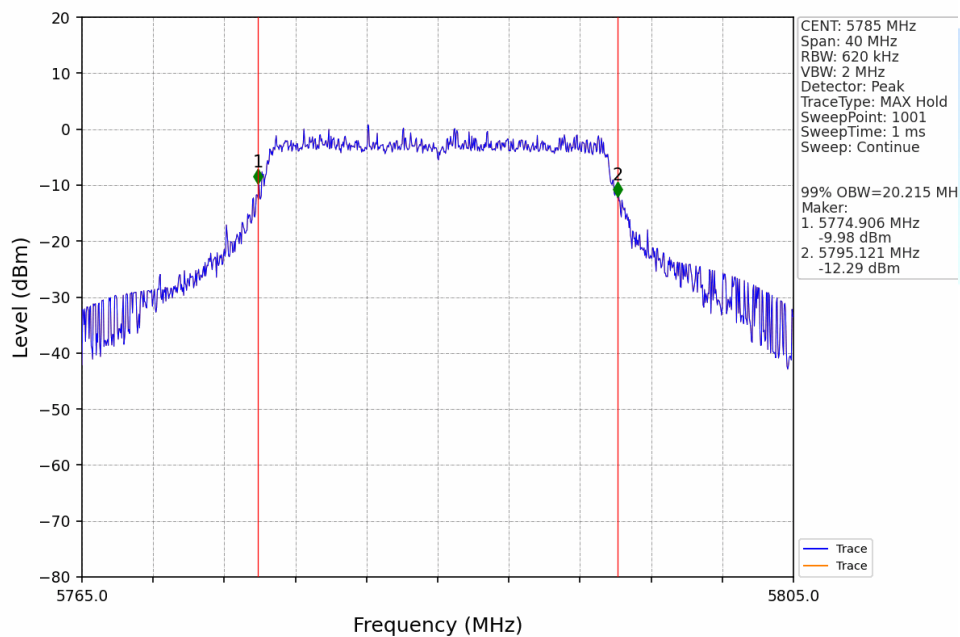
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



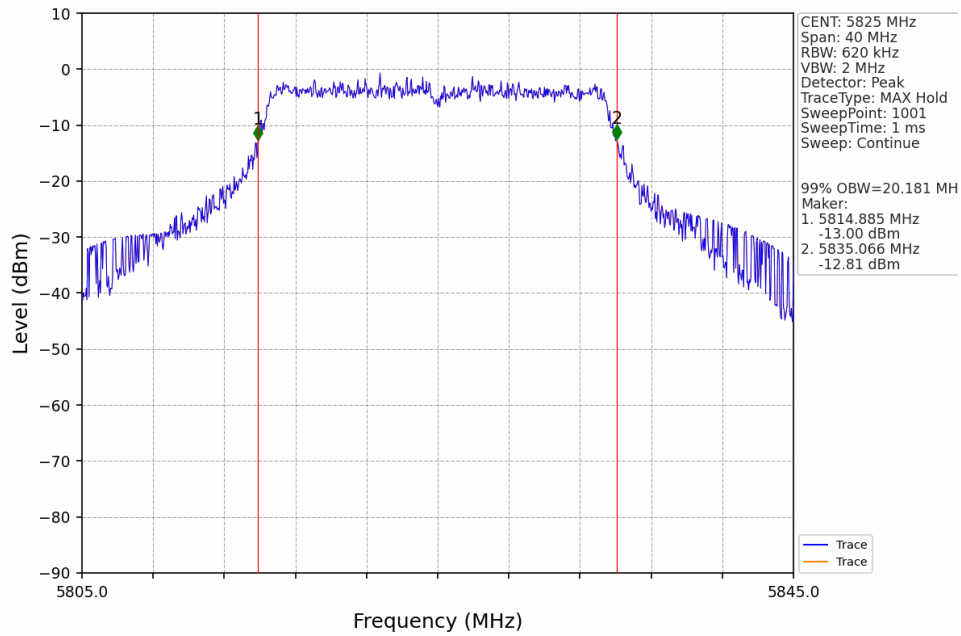
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



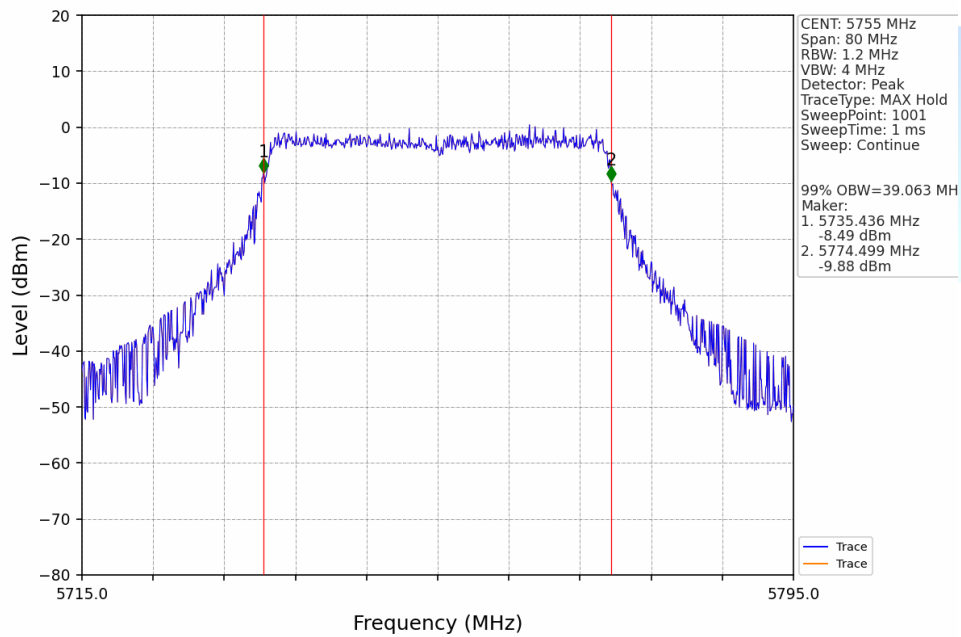
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



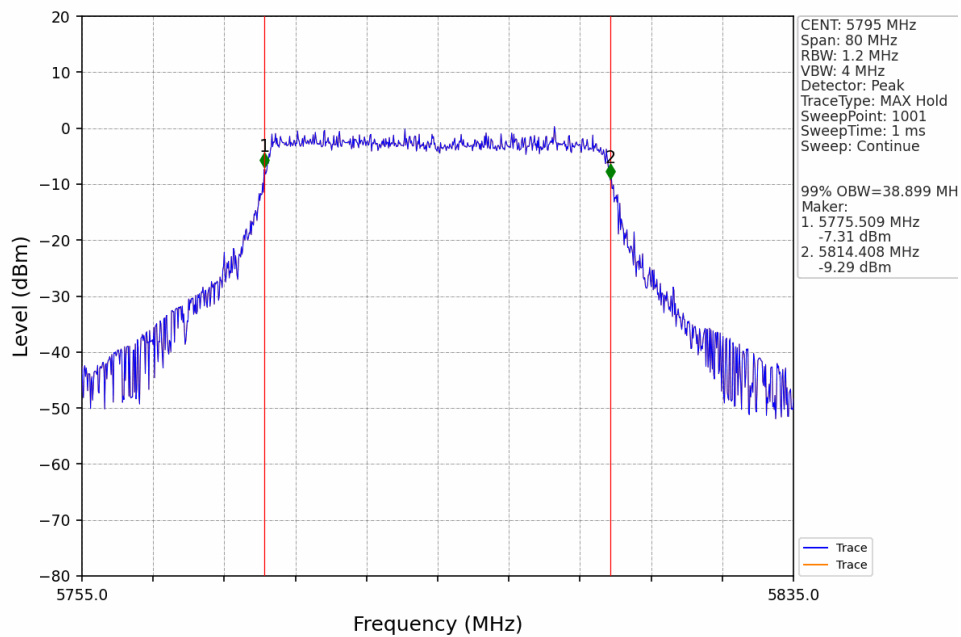
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



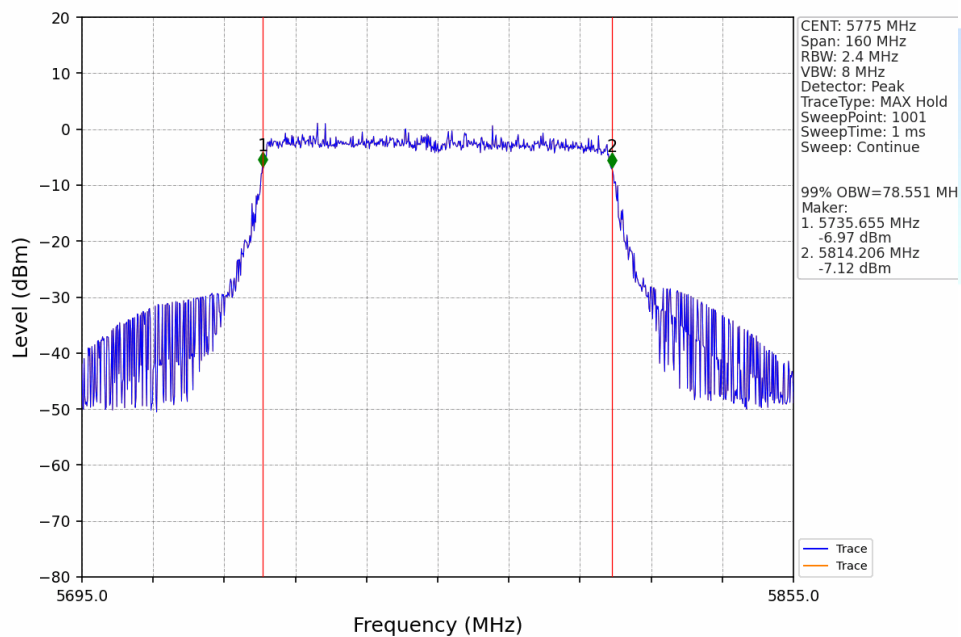
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



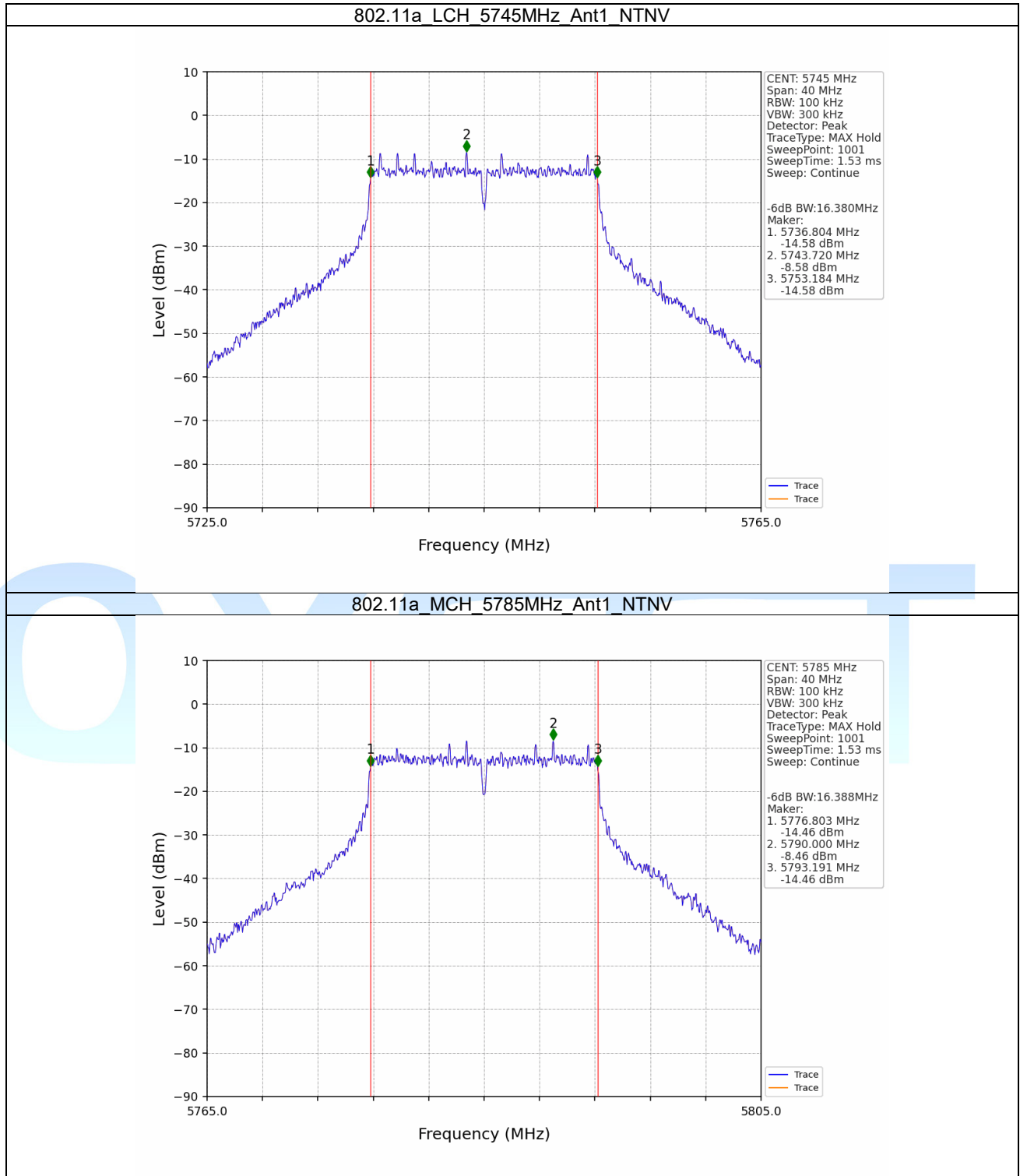
802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



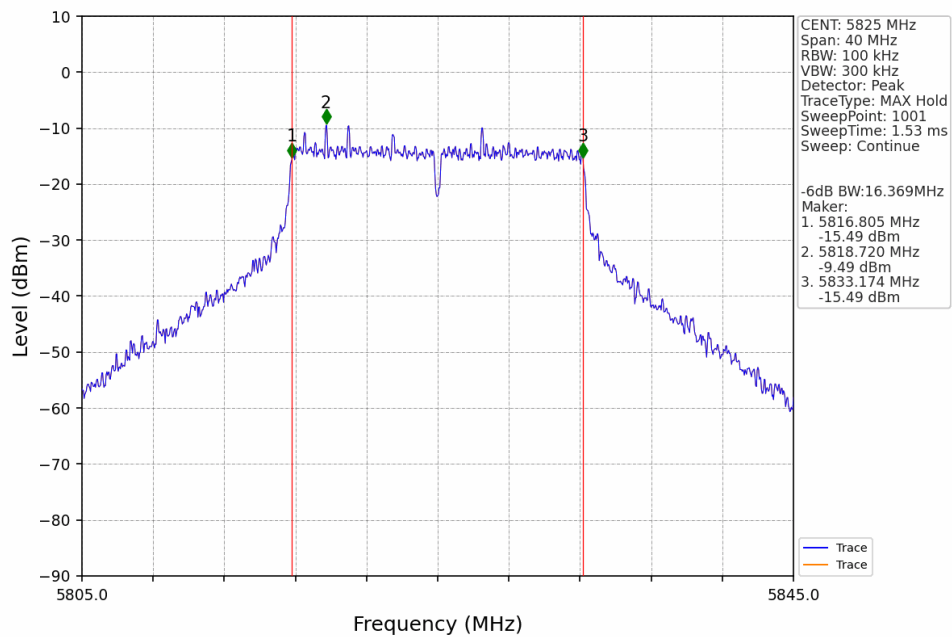
802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



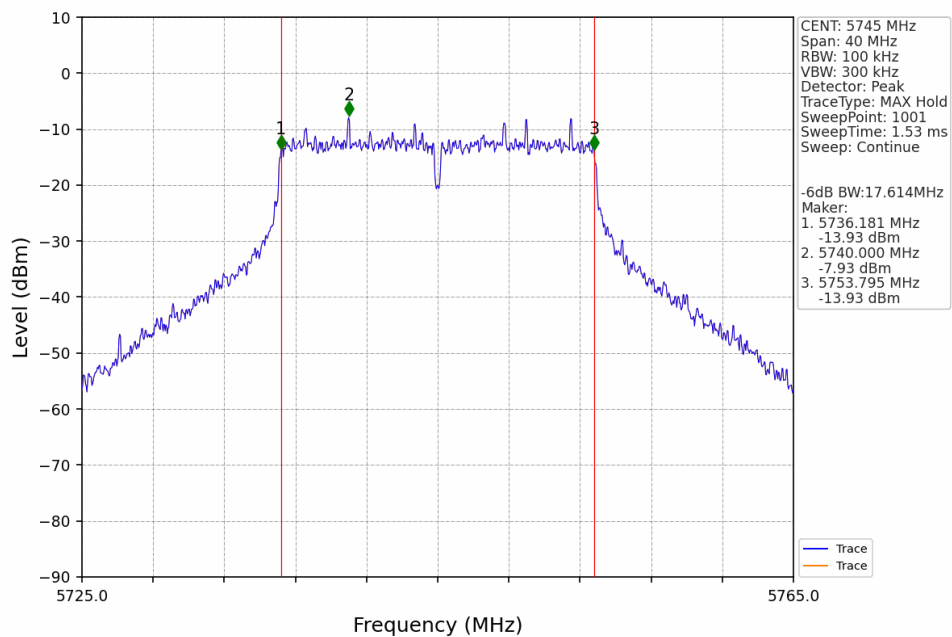
2.2.2 6dB BW



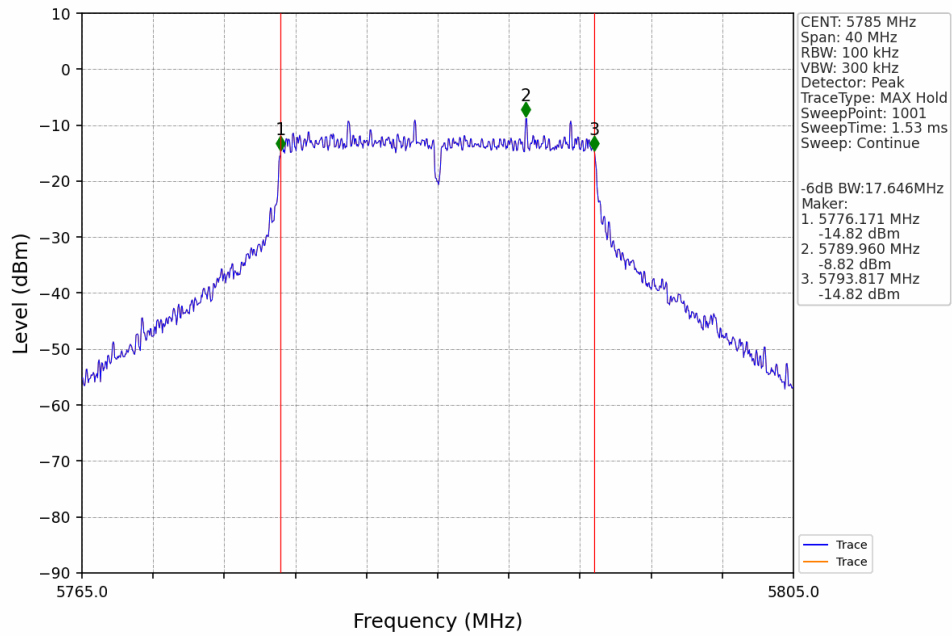
802.11a_HCH_5825MHz_Ant1_NTNV



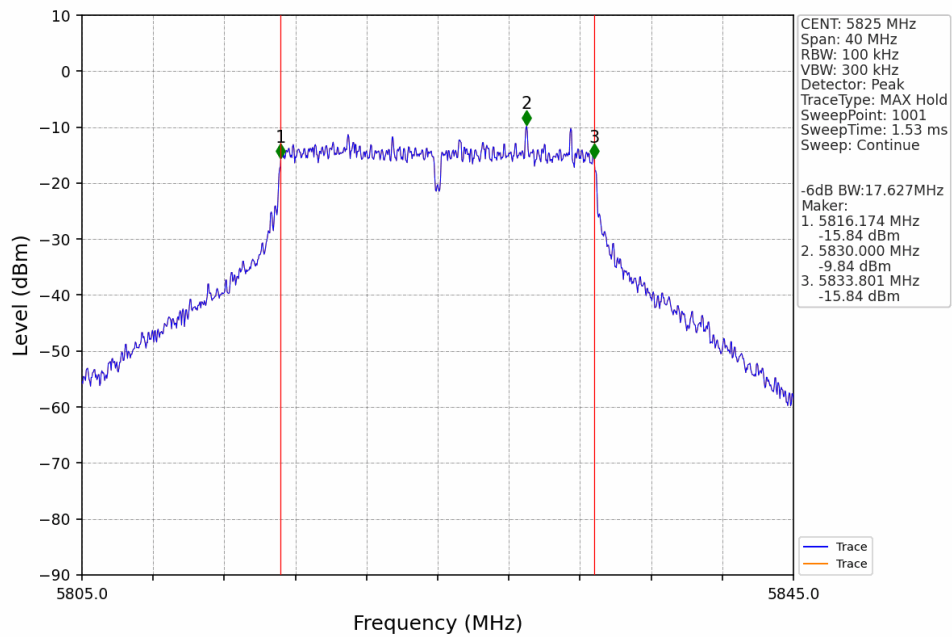
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



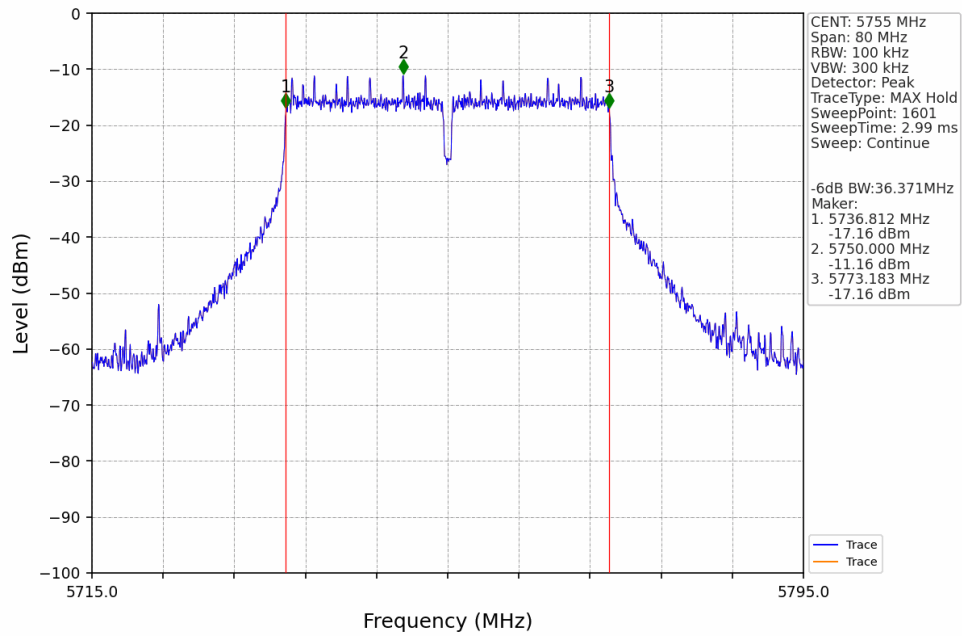
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



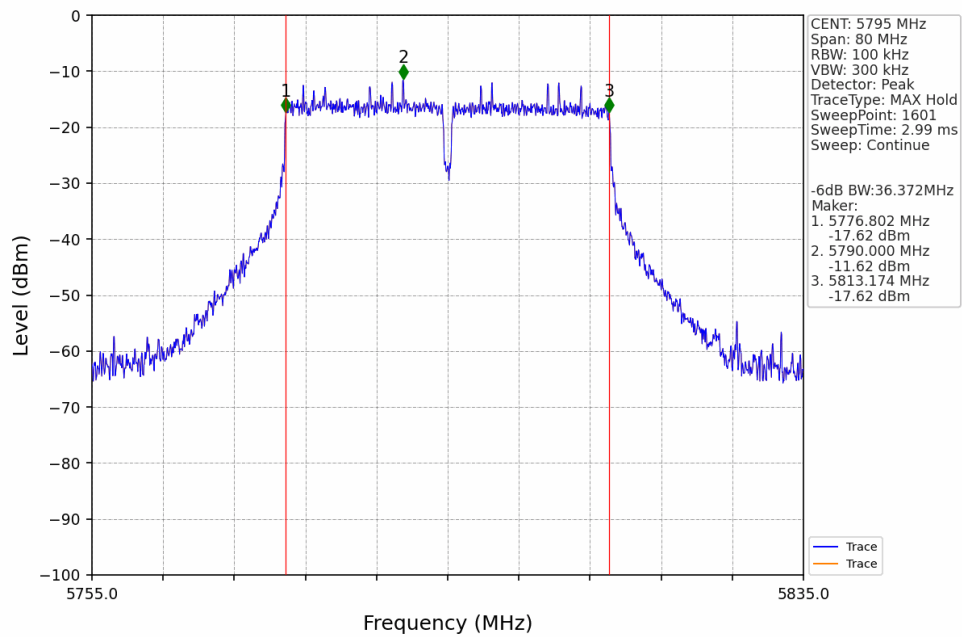
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



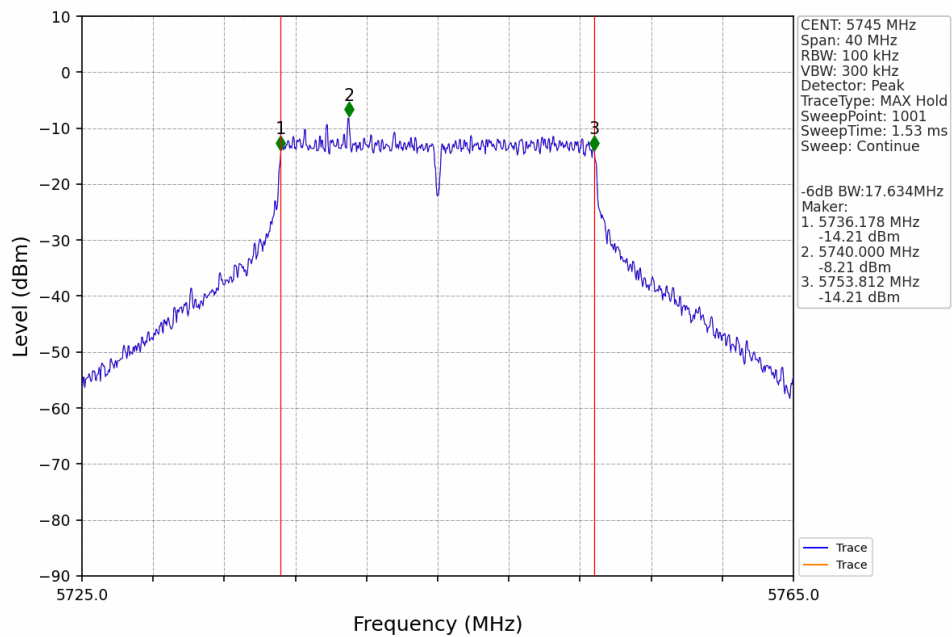
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



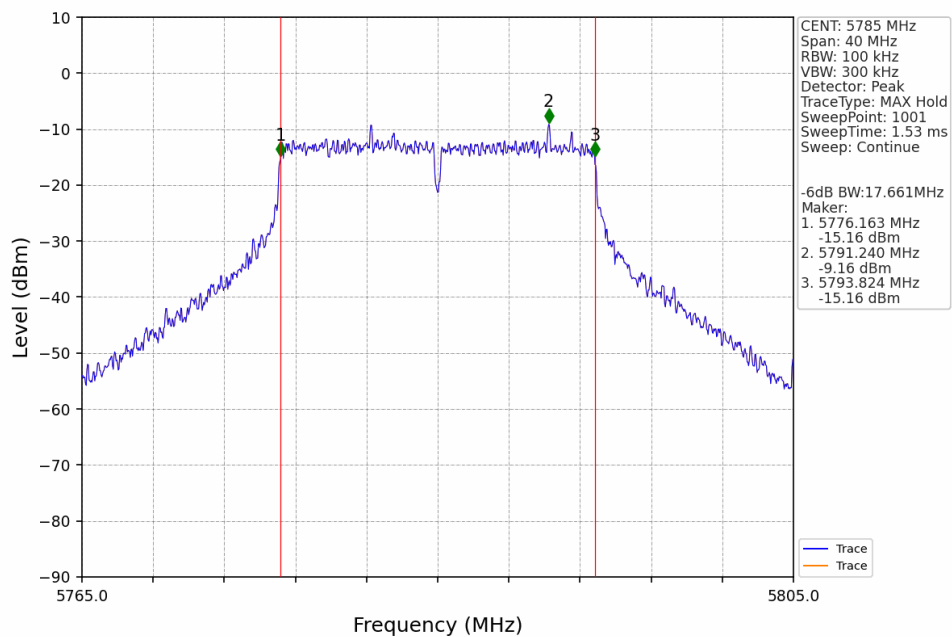
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



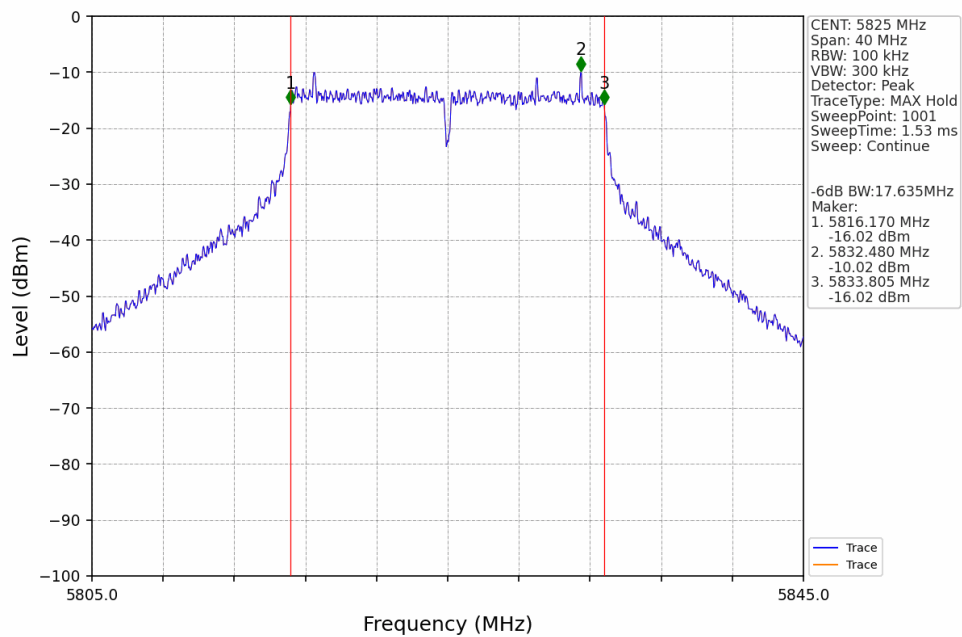
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



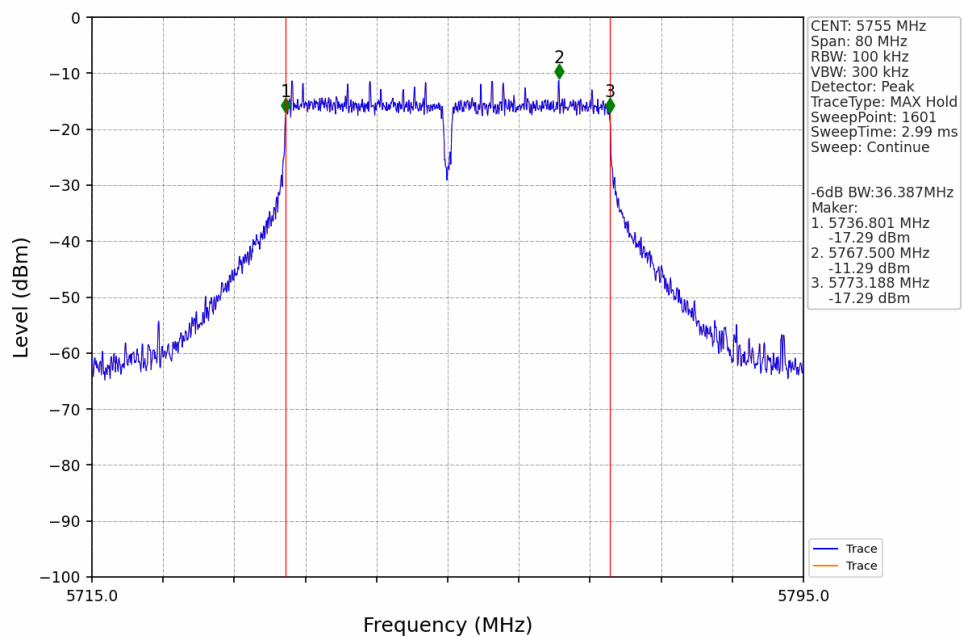
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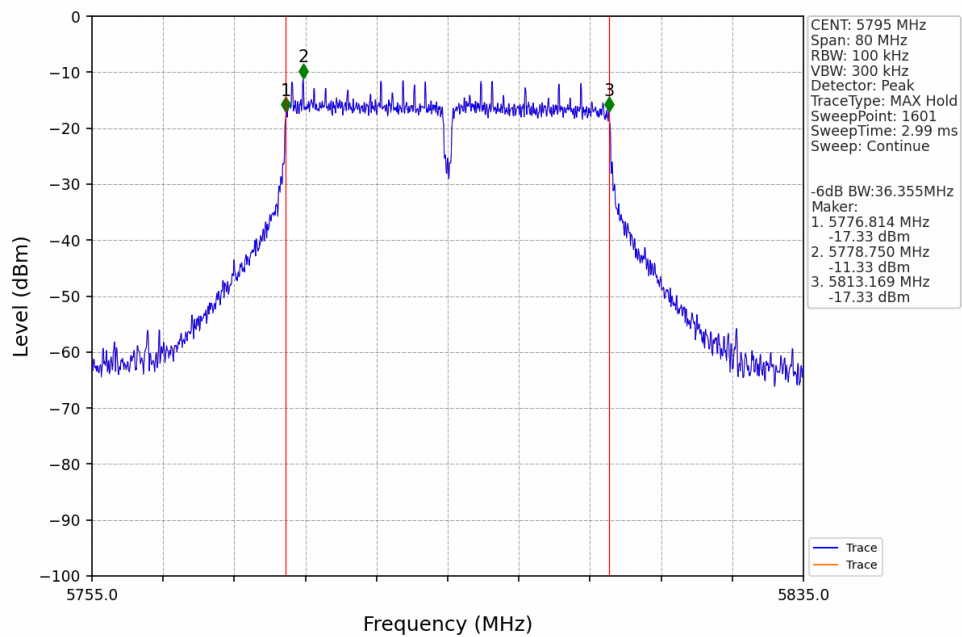
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



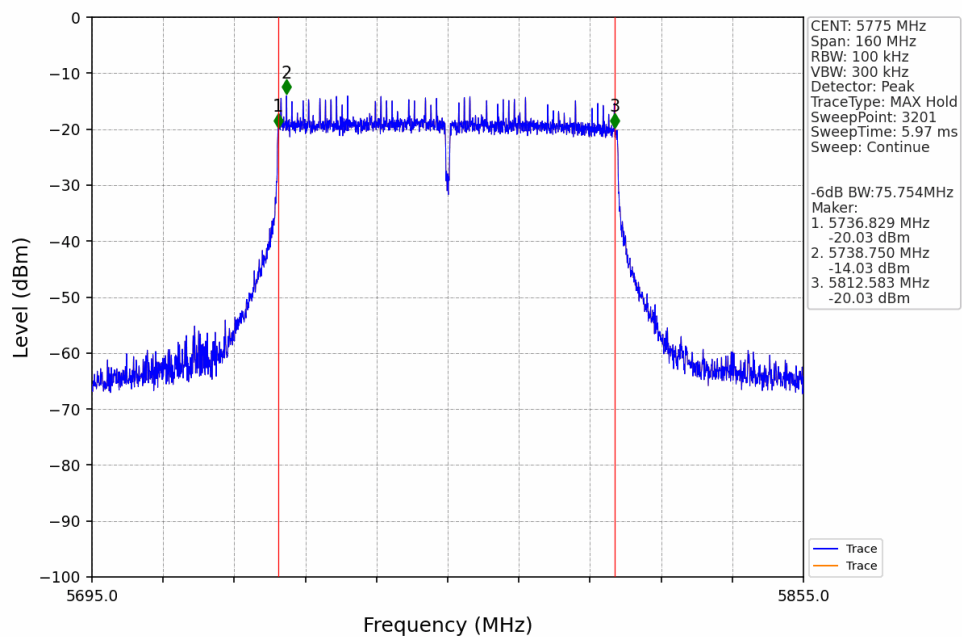
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



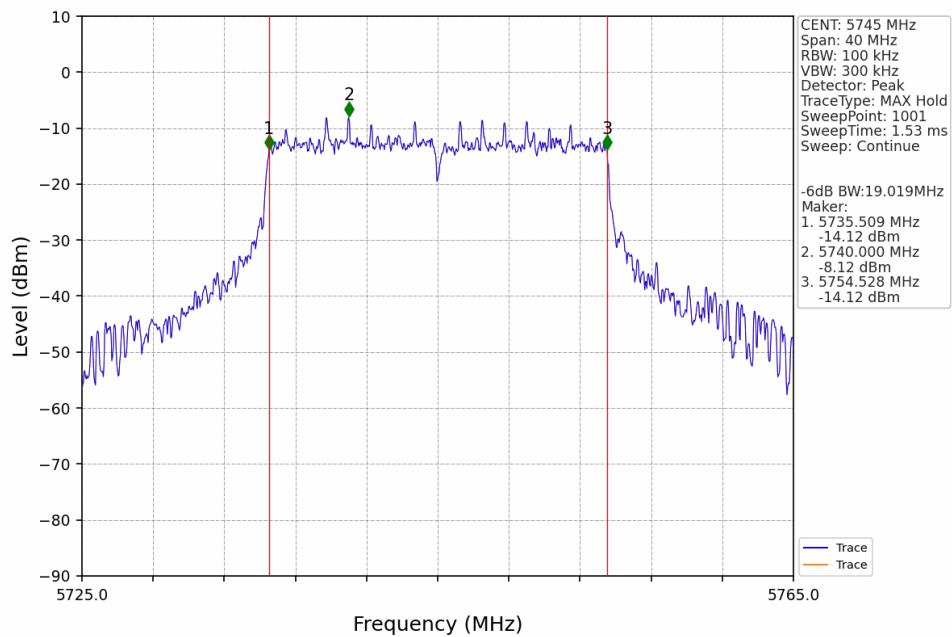
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



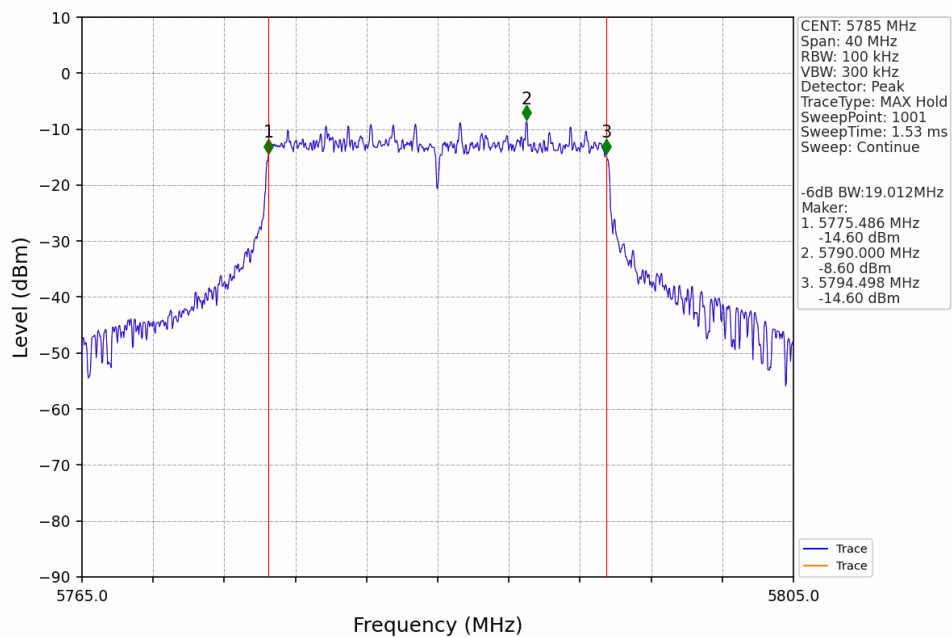
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



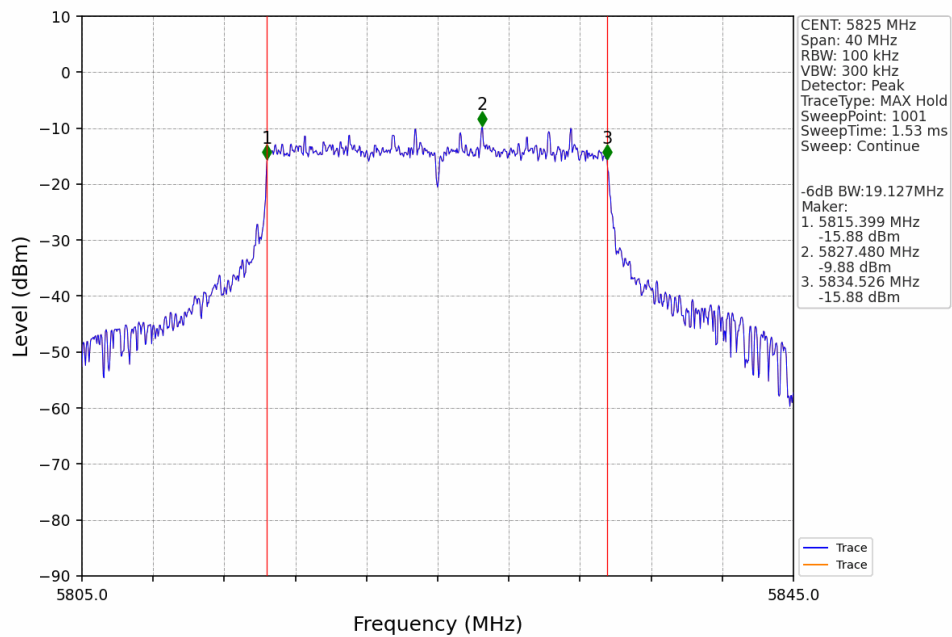
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



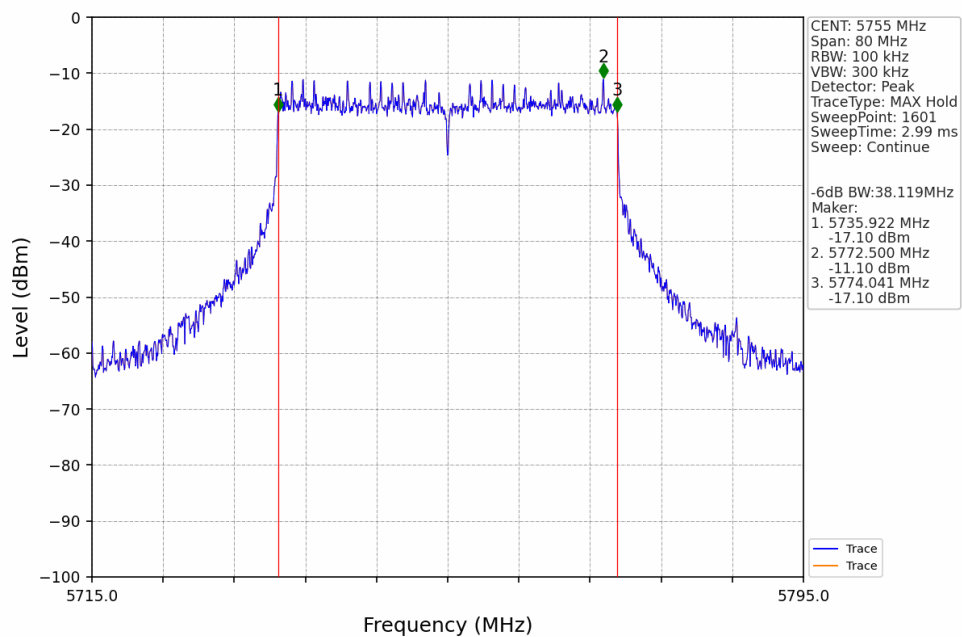
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



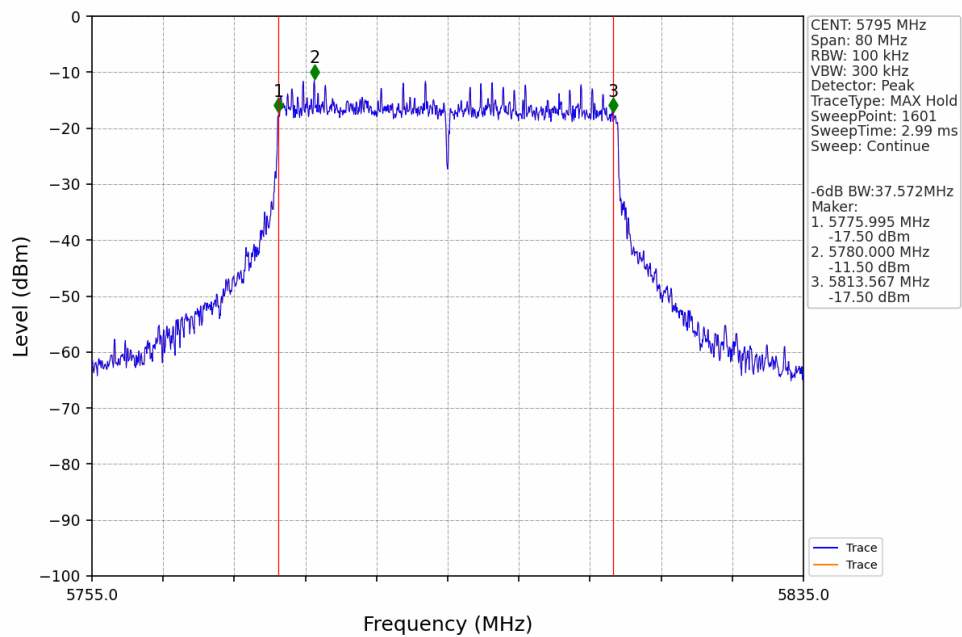
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



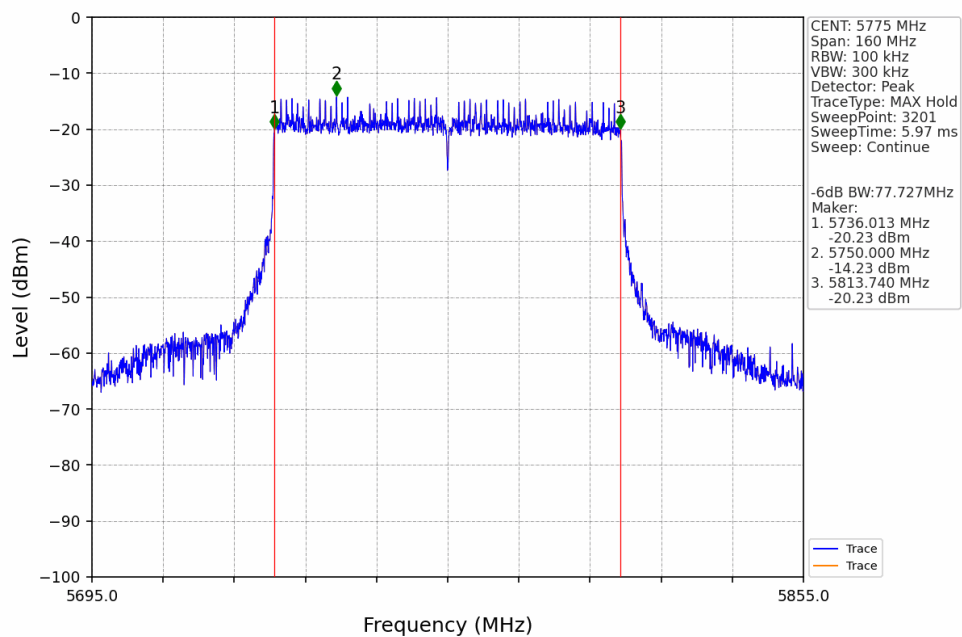
802.11ax(HEW40)_LCH_5755MHz_SU / Ant1_NTNV



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	/	/	3.42	<=30	Pass
		5785	/	/	3.72	<=30	Pass
		5825	/	/	1.34	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	3.33	<=30	Pass
		5785	/	/	3.44	<=30	Pass
		5825	/	/	2.26	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	3.71	<=30	Pass
		5795	/	/	4.15	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	3.40	<=30	Pass
		5785	/	/	2.83	<=30	Pass
		5825	/	/	1.60	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	3.84	<=30	Pass
		5795	/	/	3.34	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	2.40	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	3.51	<=30	Pass
		5785	SU	/	3.27	<=30	Pass
		5825	SU	/	1.89	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	2.63	<=30	Pass
		5795	SU	/	2.94	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	4.85	<=30	Pass

Note1: Antenna Gain: Ant1: 2.67dBi;

4. Maximum Power Spectral Density

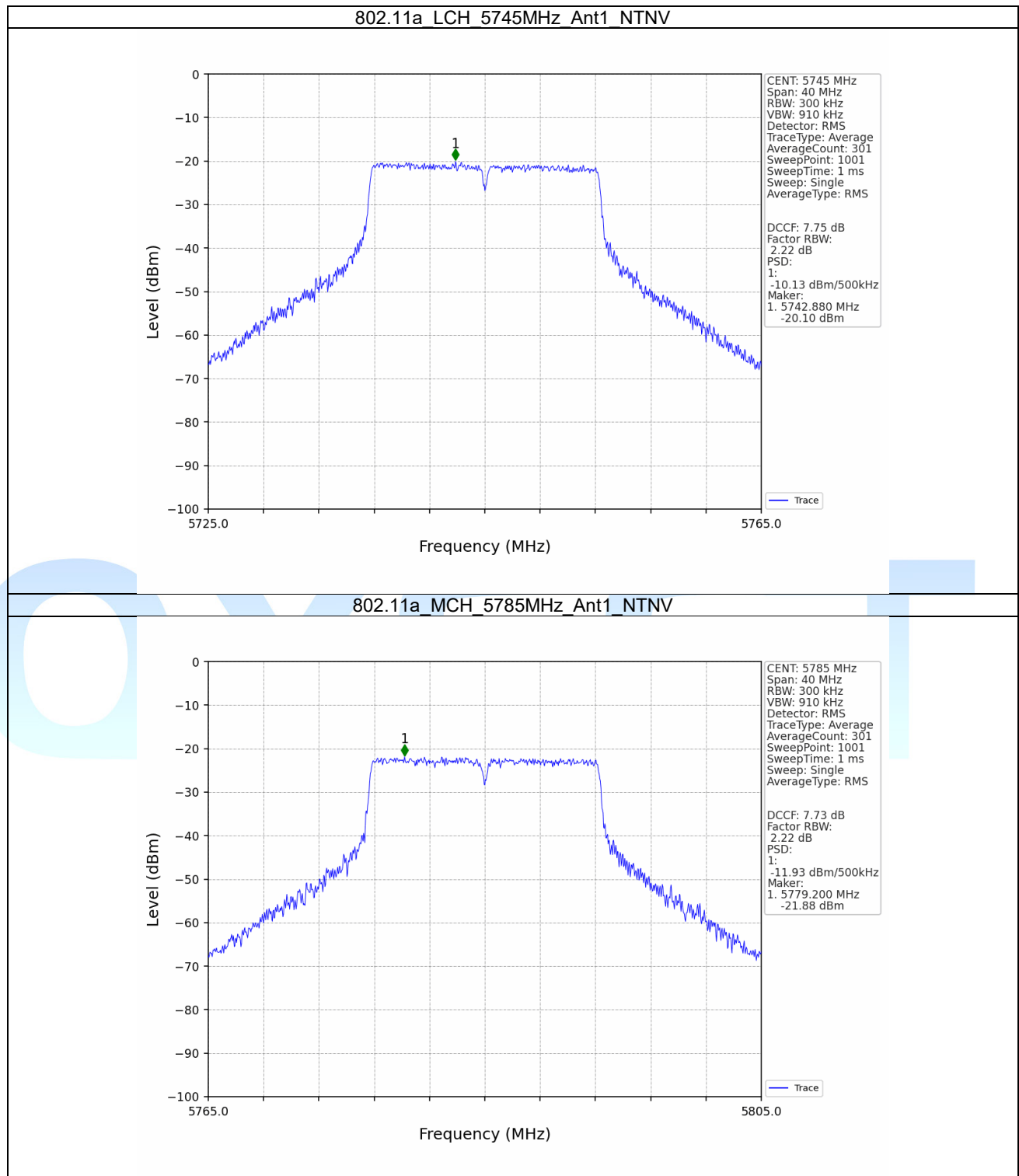
4.1 Test Result

4.1.1 PSD-Band3

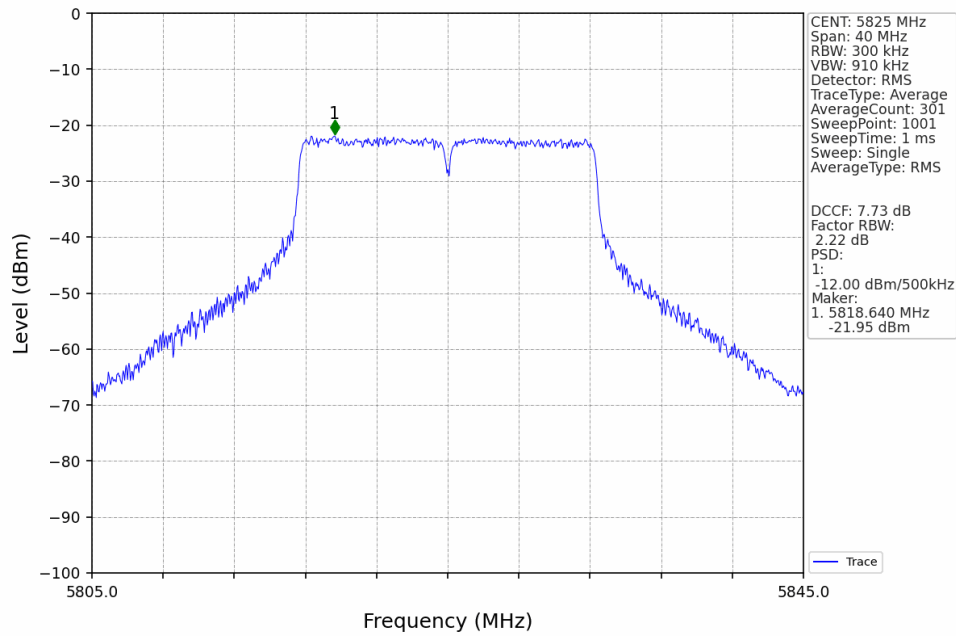
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-10.13	<=30	Pass
		5785	/	/	-11.93	<=30	Pass
		5825	/	/	-12.00	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-10.84	<=30	Pass
		5785	/	/	-11.73	<=30	Pass
		5825	/	/	-11.69	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-12.42	<=30	Pass
		5795	/	/	-13.25	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-10.47	<=30	Pass
		5785	/	/	-9.76	<=30	Pass
		5825	/	/	-11.39	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-12.60	<=30	Pass
		5795	/	/	-12.69	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-15.75	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-10.02	<=30	Pass
		5785	SU	/	-10.48	<=30	Pass
		5825	SU	/	-11.12	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-13.53	<=30	Pass
		5795	SU	/	-12.61	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-15.31	<=30	Pass
Note1: Antenna Gain: Ant1: 2.67dBi;							
Note2: Test result contains DCCF and RBW Factor(=10*log(500kHz/300kHz=2.22)							

4.2 Test Graph

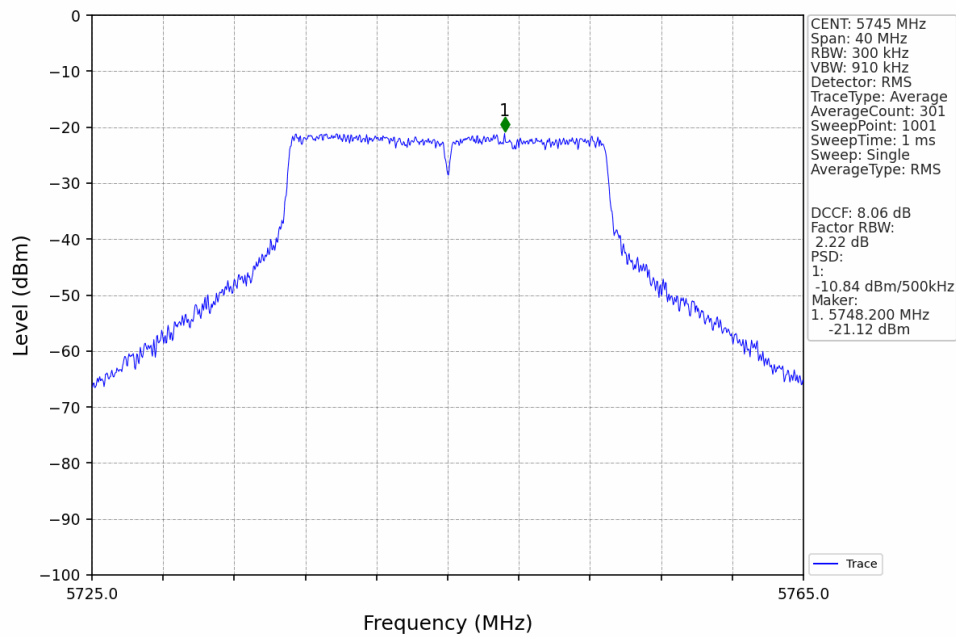
4.2.1 PSD-Band3



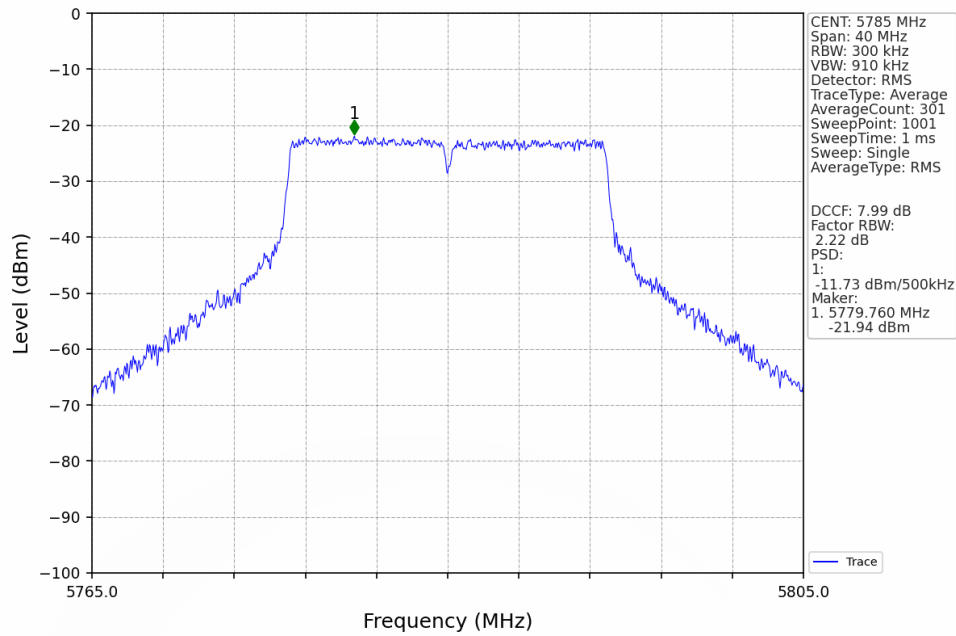
802.11a_HCH_5825MHz_Ant1_NTNV



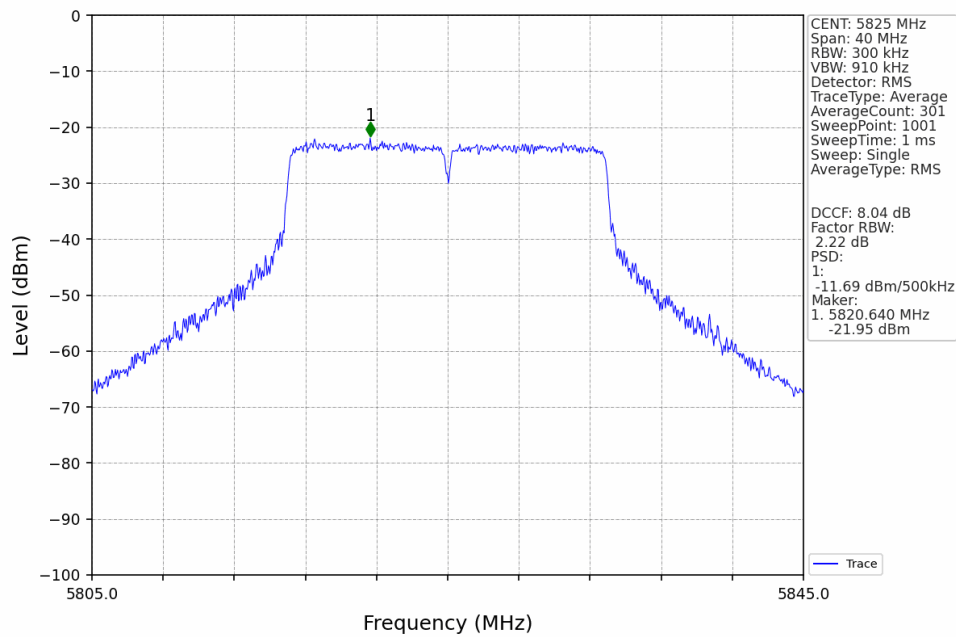
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



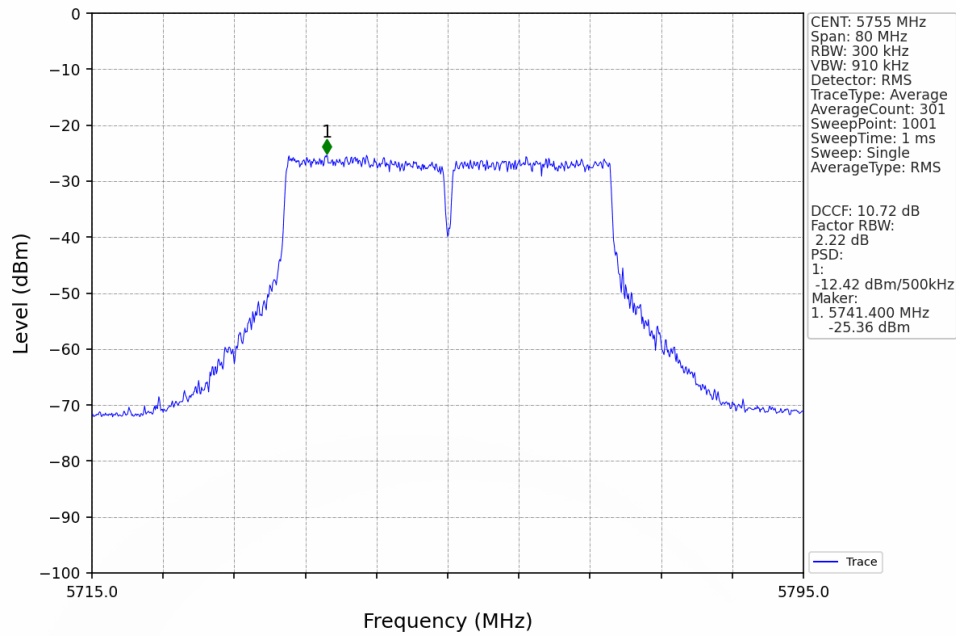
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



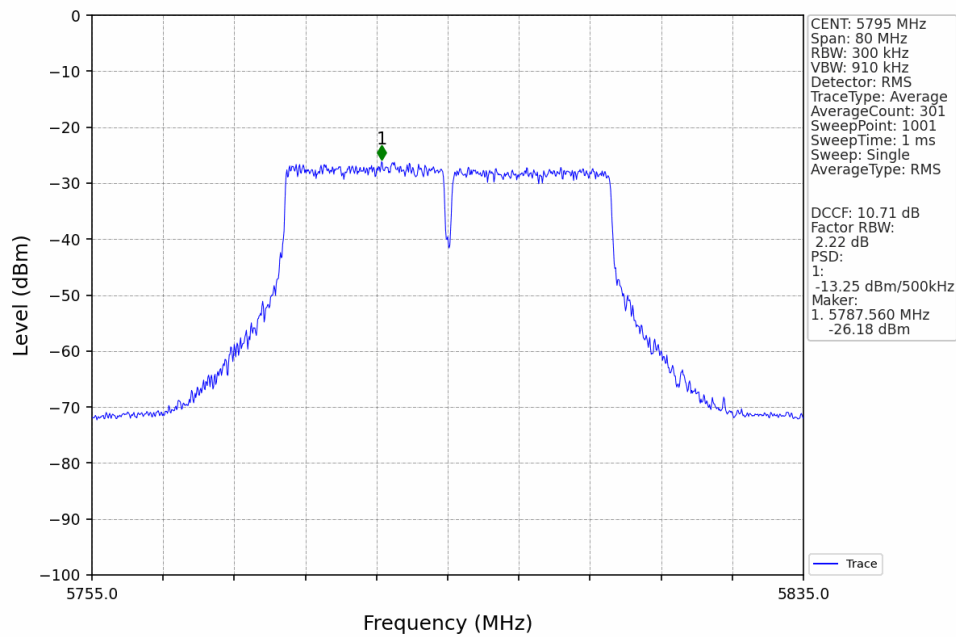
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



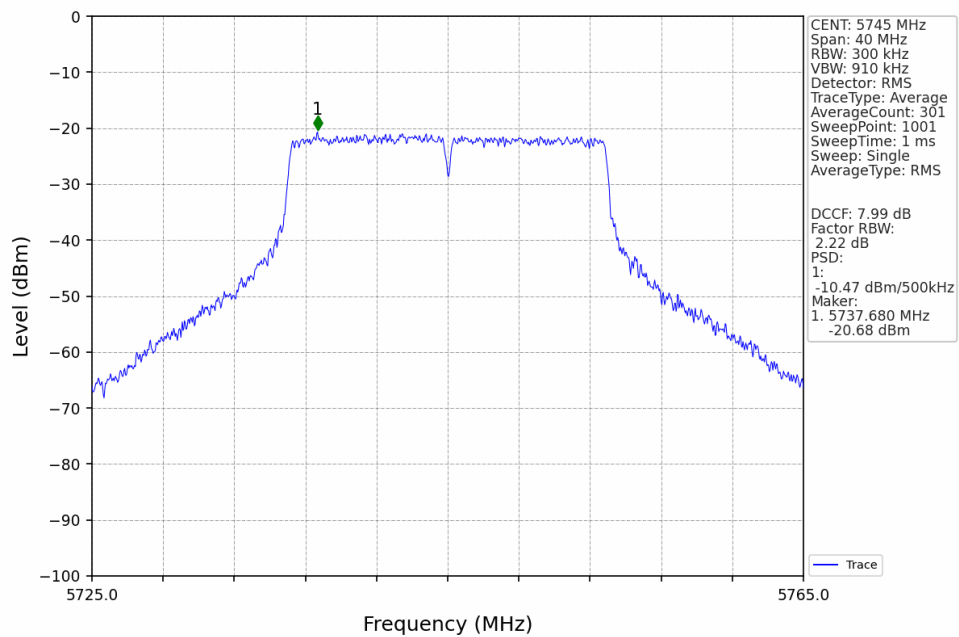
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



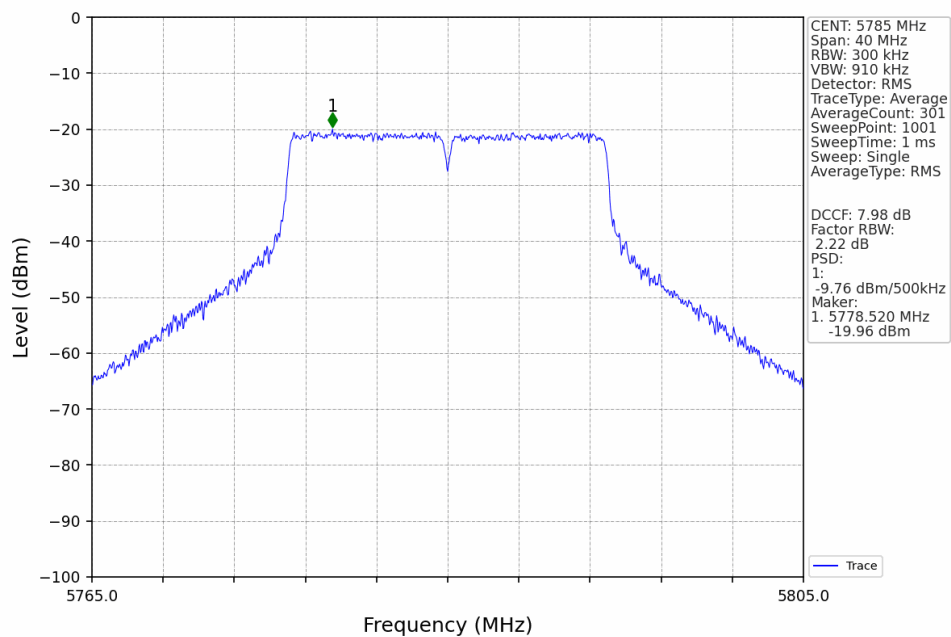
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



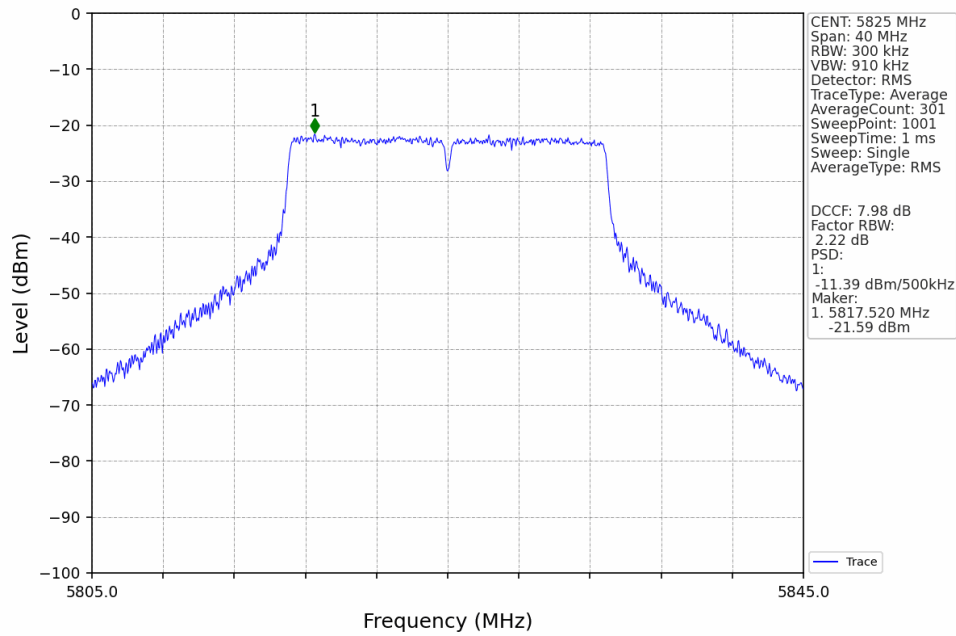
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



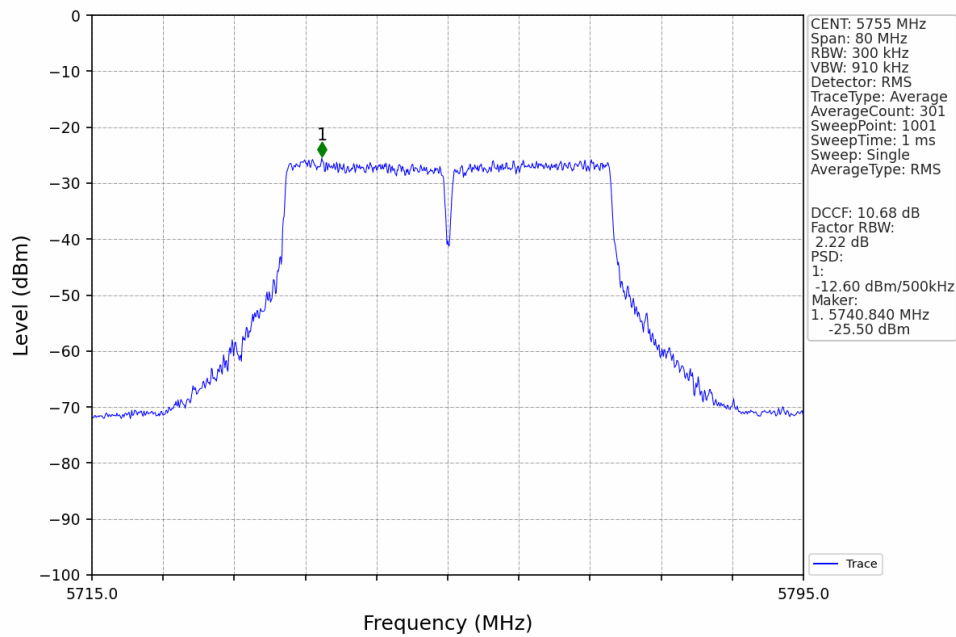
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



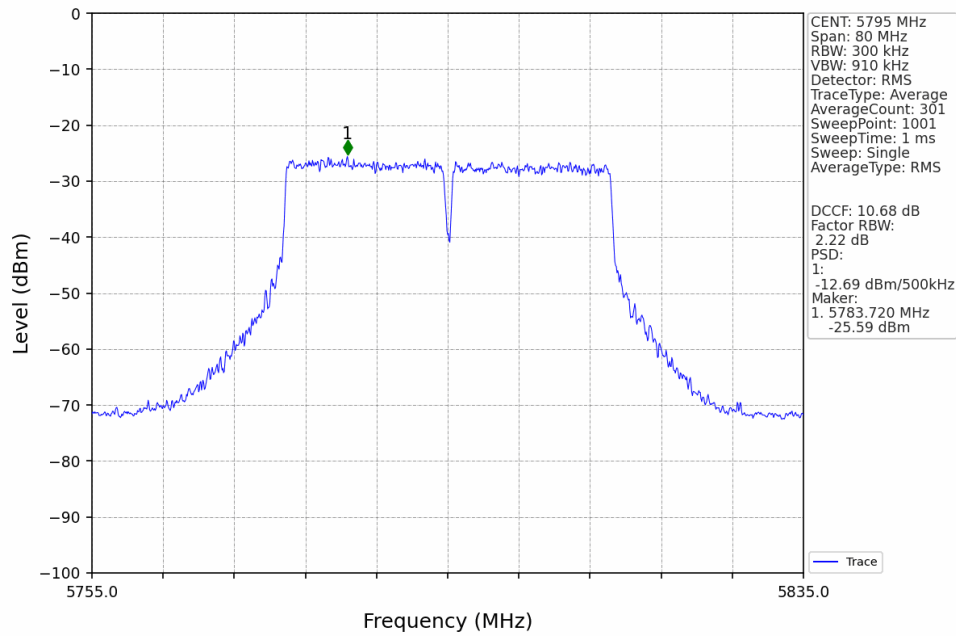
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



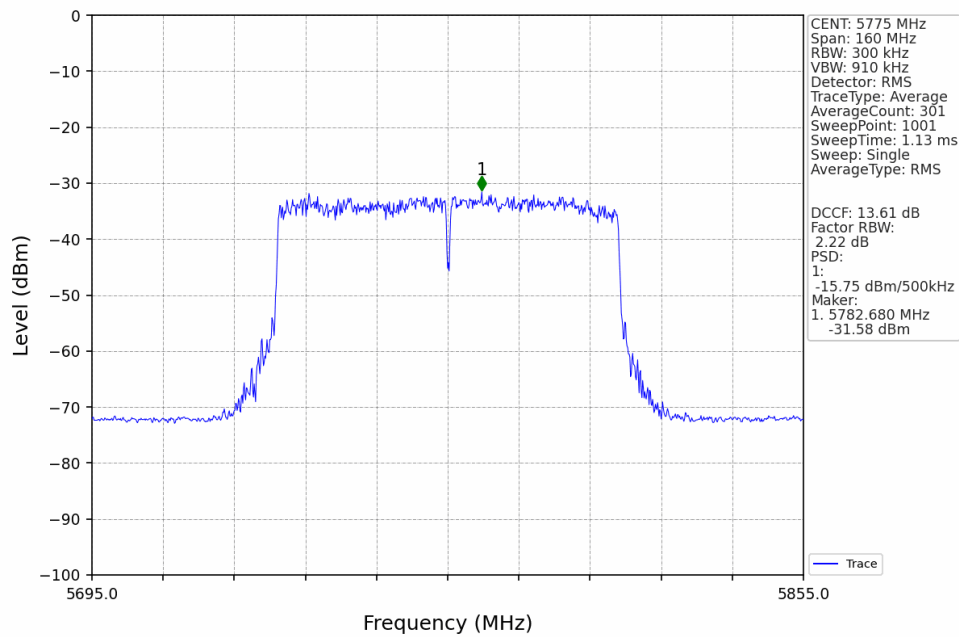
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



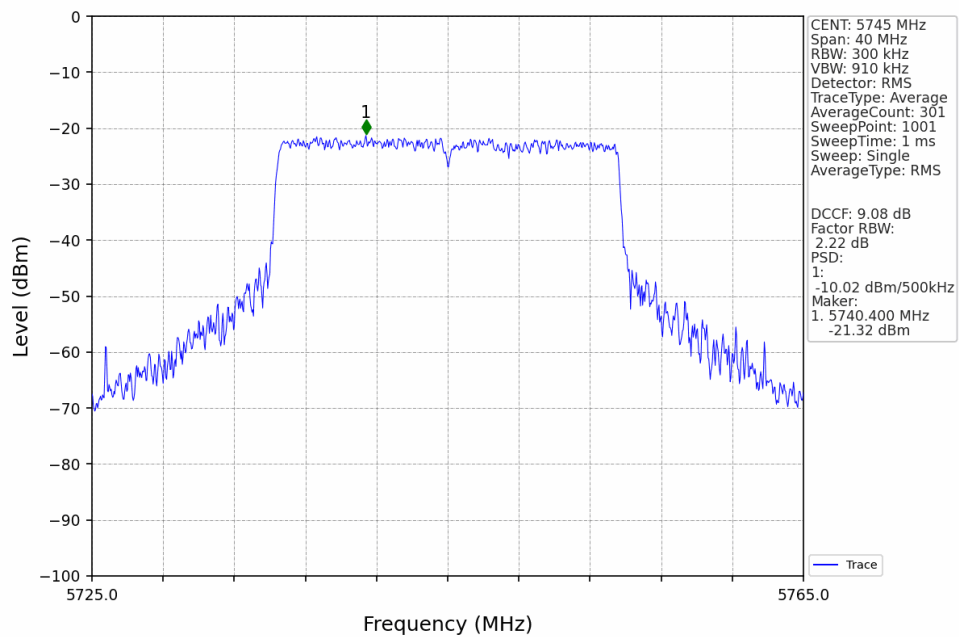
802.11ac(VHT40) HCH 5795MHz_Ant1_NTNV



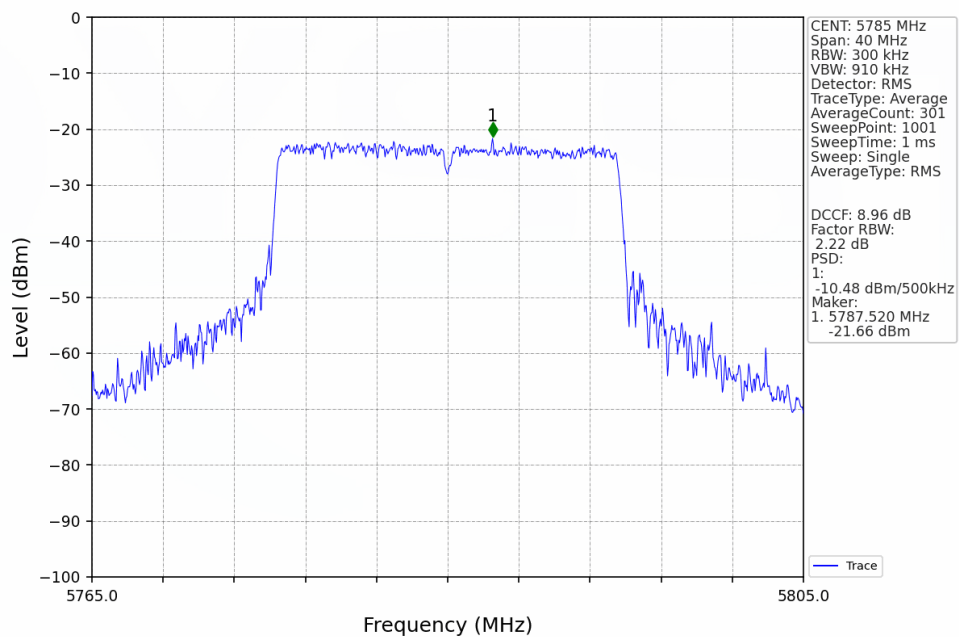
802.11ac(VHT80) MCH 5775MHz_Ant1_NTNV



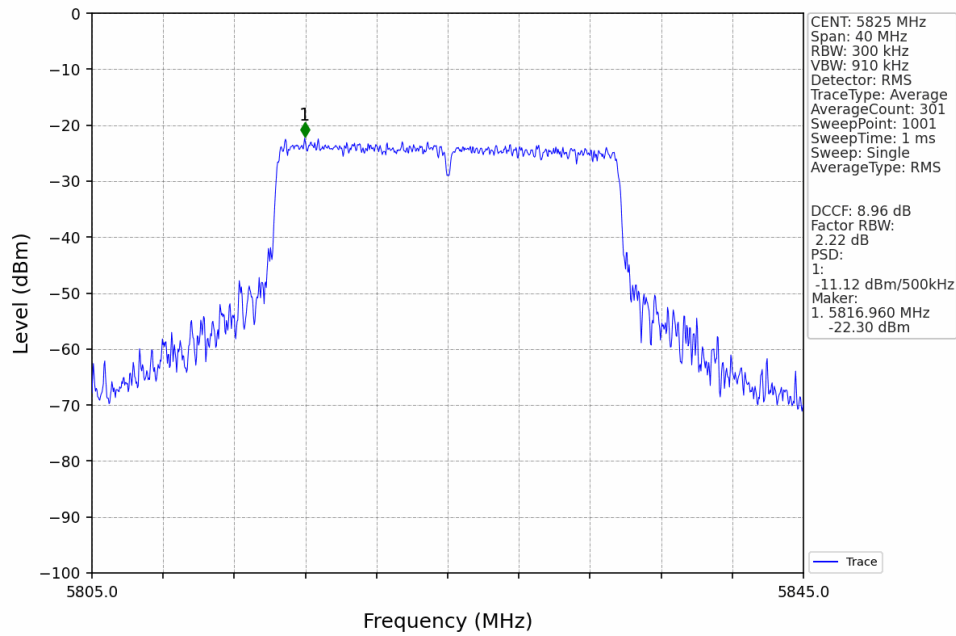
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



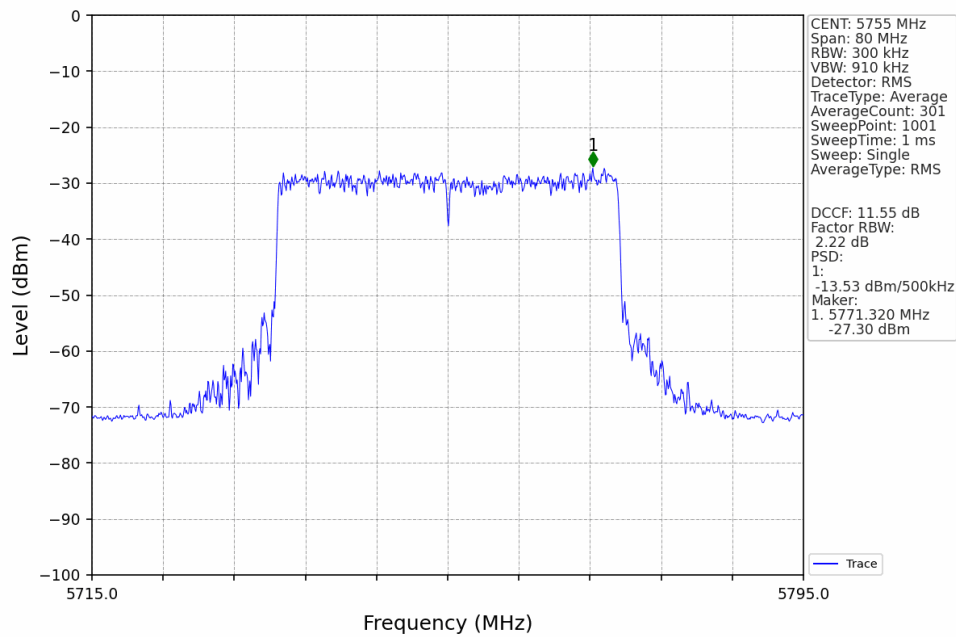
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1_NTNV



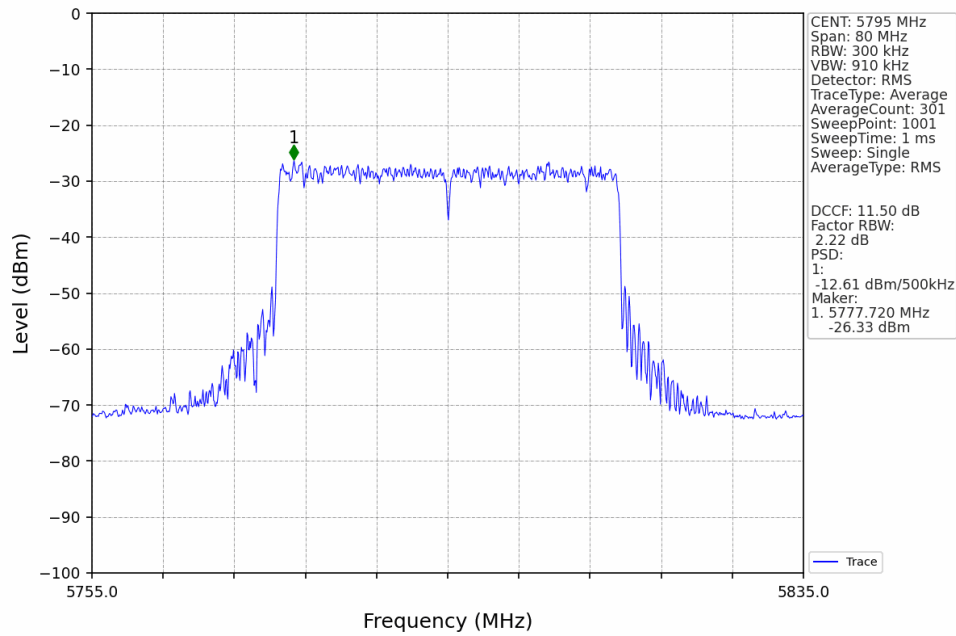
802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



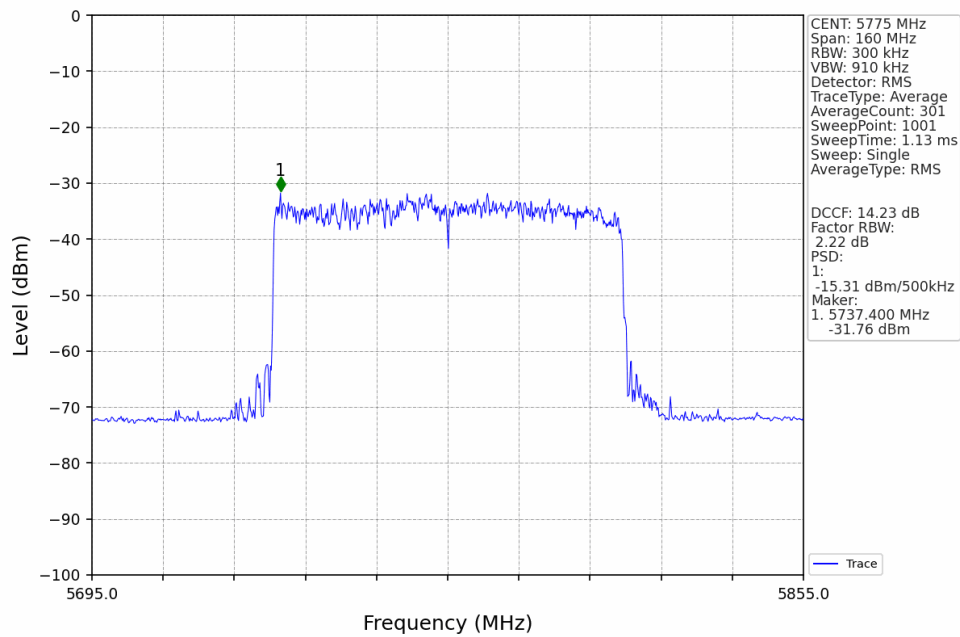
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

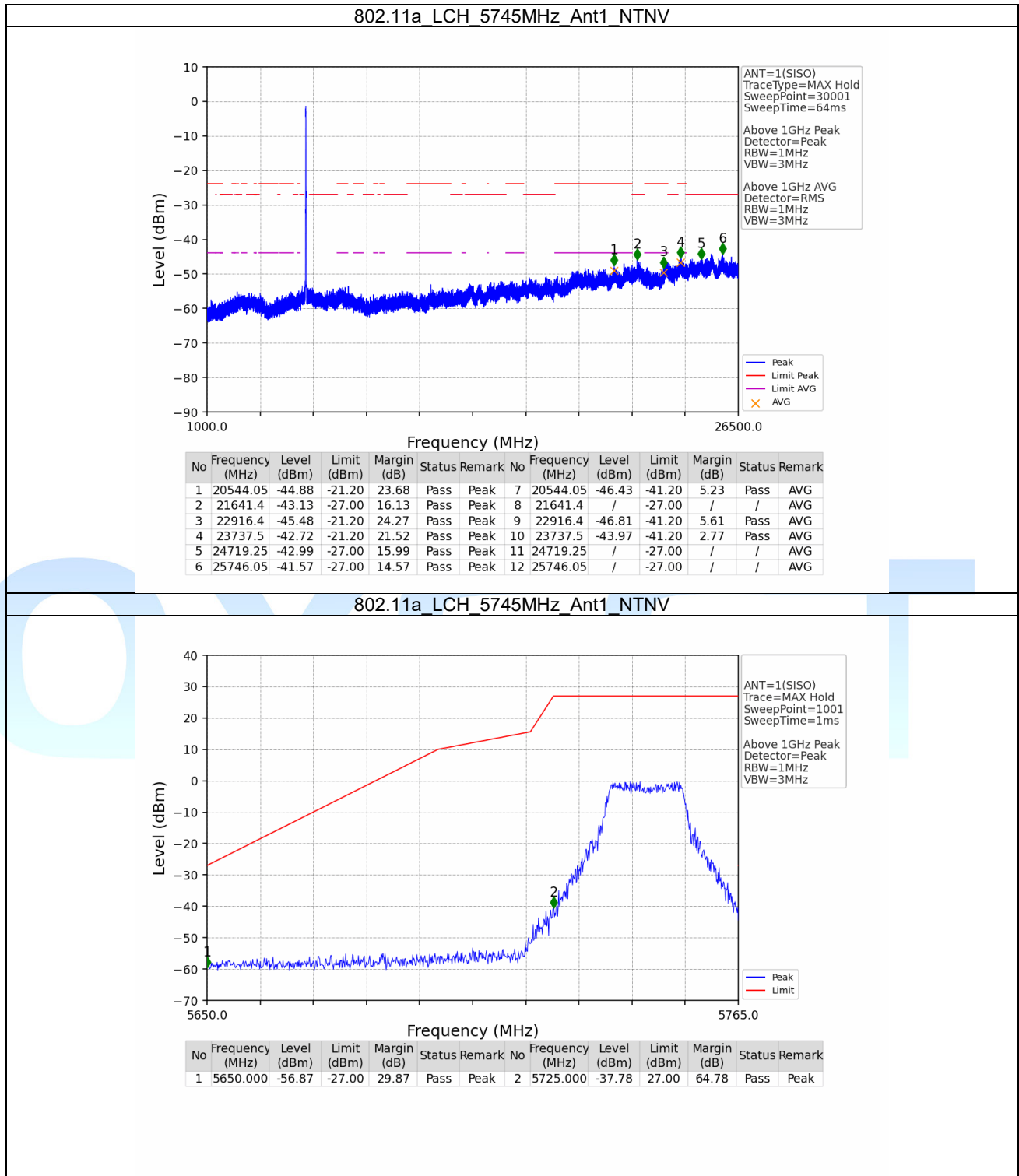
5.1 Test Result

5.1.1 RSE

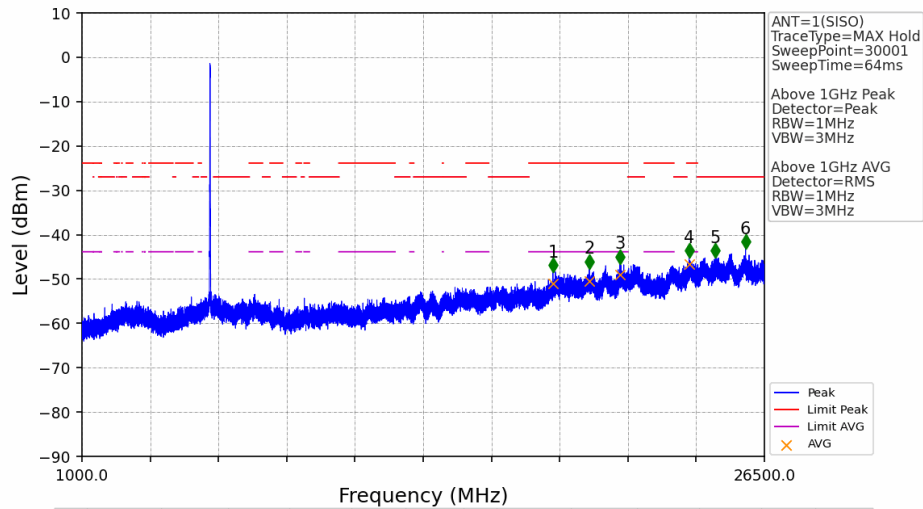
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/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

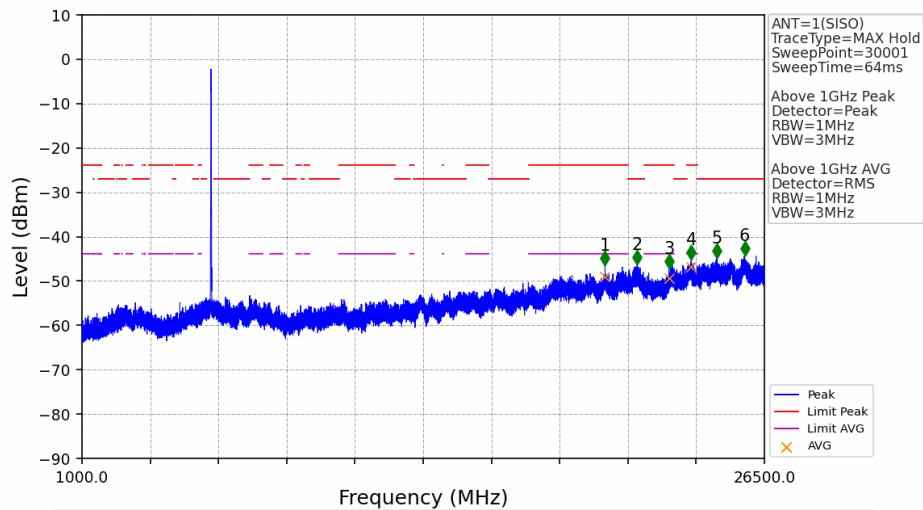


802.11a_MCH_5785MHz_Ant1_NTNV



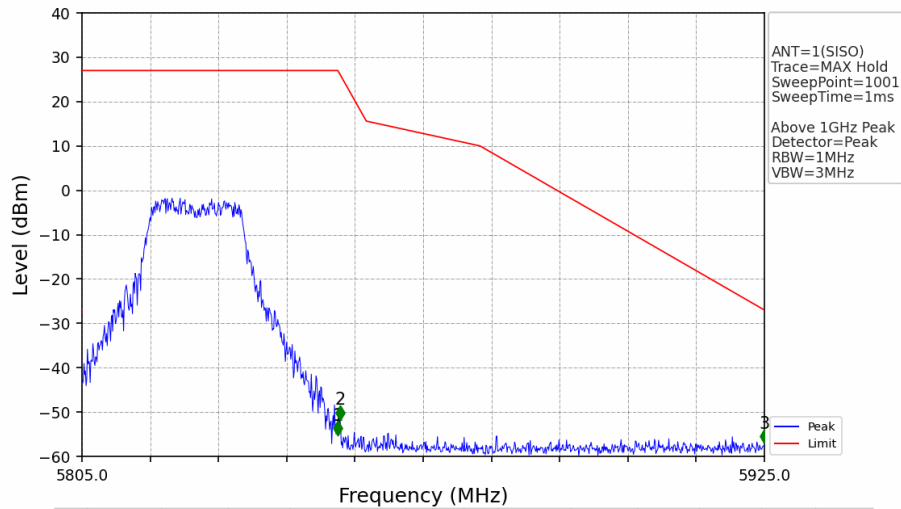
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	18597.55	-45.71	-21.20	24.51	Pass Peak	7	18597.55	-48.38	-41.20	7.18	Pass AVG
2	19957.55	-44.92	-21.20	23.72	Pass Peak	8	19957.55	-47.86	-41.20	6.66	Pass AVG
3	21099.95	-43.84	-21.20	22.64	Pass Peak	9	21099.95	-46.32	-41.20	5.12	Pass AVG
4	23684.8	-42.45	-21.20	21.25	Pass Peak	10	23684.8	-44.07	-41.20	2.87	Pass AVG
5	24669.95	-42.45	-27.00	15.45	Pass Peak	11	24669.95	/	-27.00	/	AVG
6	25795.35	-40.47	-27.00	13.46	Pass Peak	12	25795.35	/	-27.00	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV



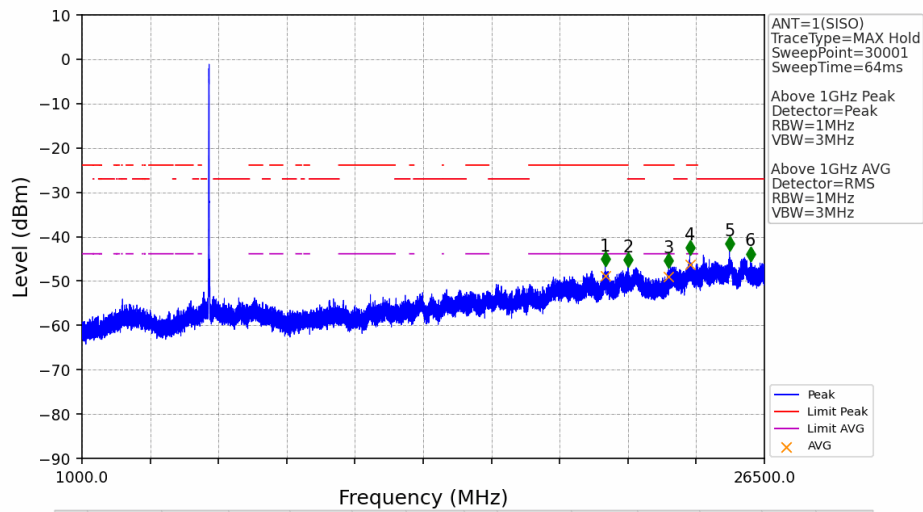
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20544.9	-43.82	-21.20	22.62	Pass Peak	7	20544.9	-46.41	-41.20	5.21	Pass AVG
2	21741.7	-43.51	-27.00	16.51	Pass Peak	8	21741.7	/	-27.00	/	AVG
3	22932.55	-44.52	-21.20	23.32	Pass Peak	9	22932.55	-46.63	-41.20	5.43	Pass AVG
4	23764.7	-42.49	-21.20	21.29	Pass Peak	10	23764.7	-44.07	-41.20	2.87	Pass AVG
5	24721.8	-42.18	-27.00	15.18	Pass Peak	11	24721.8	/	-27.00	/	AVG
6	25762.2	-41.58	-27.00	14.58	Pass Peak	12	25762.2	/	-27.00	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV



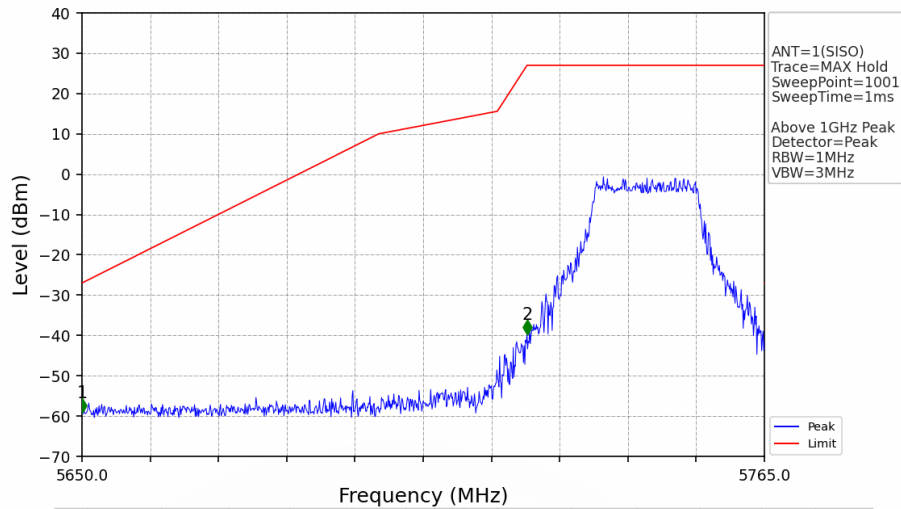
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-52.51	27.00	79.51	Pass	Peak	3	5925.000	-54.30	-27.00	27.30	Pass	Peak
2	5850.360	-48.99	26.18	75.17	Pass	Peak							

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

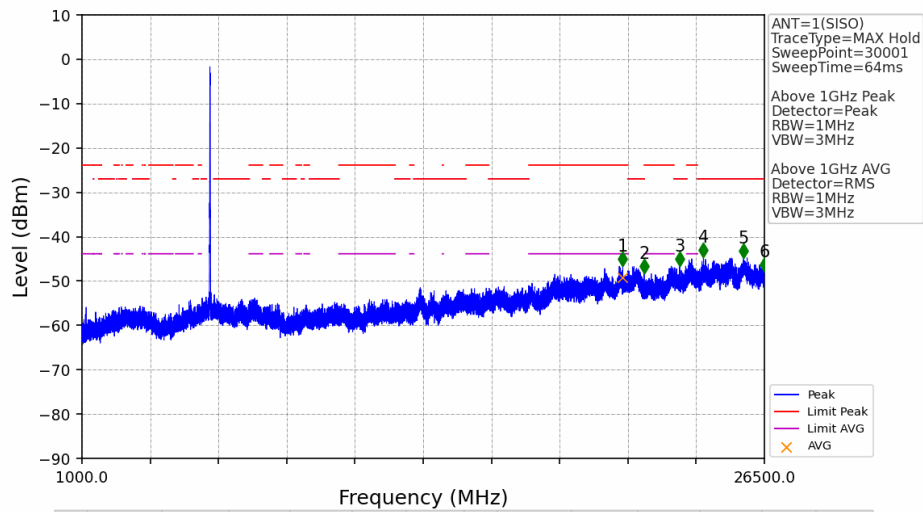


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20548.3	-43.86	-21.20	22.66	Pass	Peak	7	20548.3	-46.17	-41.20	4.97	Pass	AVG
2	21406.8	-44.17	-27.00	17.17	Pass	Peak	8	21406.8	/	-27.00	/	/	AVG
3	22924.9	-44.32	-21.20	23.12	Pass	Peak	9	22924.9	-46.31	-41.20	5.11	Pass	AVG
4	23712	-41.43	-21.20	20.23	Pass	Peak	10	23712	-43.67	-41.20	2.47	Pass	AVG
5	25192.7	-40.39	-27.00	13.39	Pass	Peak	11	25192.7	/	-27.00	/	/	AVG
6	25973	-42.74	-27.00	15.74	Pass	Peak	12	25973	/	-27.00	/	/	AVG

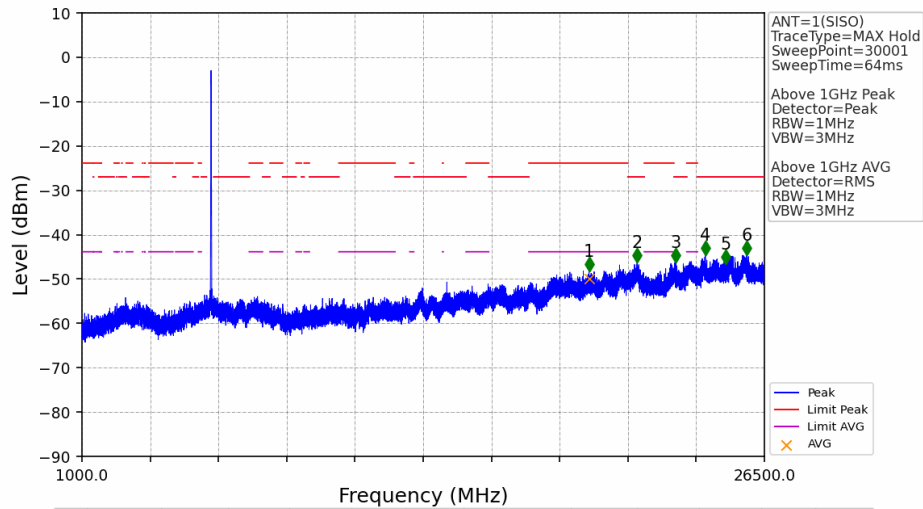
802.11n(HT20) LCH_5745MHz_Ant1_NTNV



802.11n(HT20) MCH_5785MHz_Ant1_NTNV

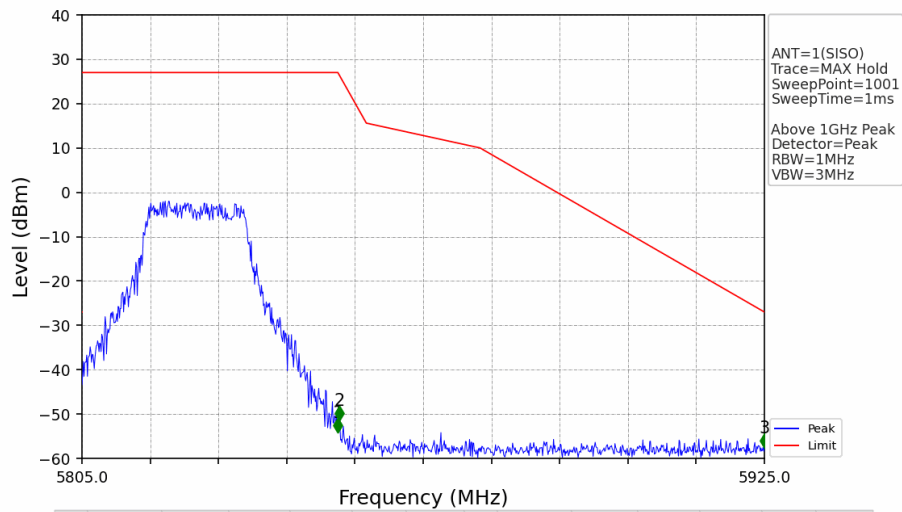


802.11n(HT20) HCH 5825MHz_Ant1_NTNV



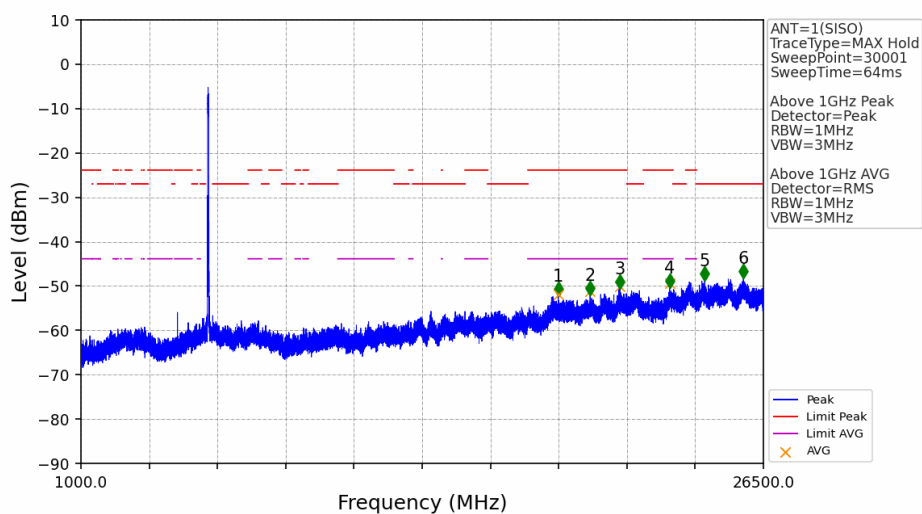
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19945.65	-45.52	-21.20	24.32	Pass	Peak	7	19945.65	-47.33	-41.20	6.13	Pass	AVG
2	21743.4	-43.52	-27.00	16.52	Pass	Peak	8	21743.4	/	-27.00	/	/	AVG
3	23185	-43.55	-27.00	16.55	Pass	Peak	9	23185	/	-27.00	/	/	AVG
4	24293.4	-41.84	-27.00	14.84	Pass	Peak	10	24293.4	/	-27.00	/	/	AVG
5	25065.2	-43.86	-27.00	16.86	Pass	Peak	11	25065.2	/	-27.00	/	/	AVG
6	25832.75	-41.92	-27.00	14.92	Pass	Peak	12	25832.75	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5825MHz_Ant1_NTNV



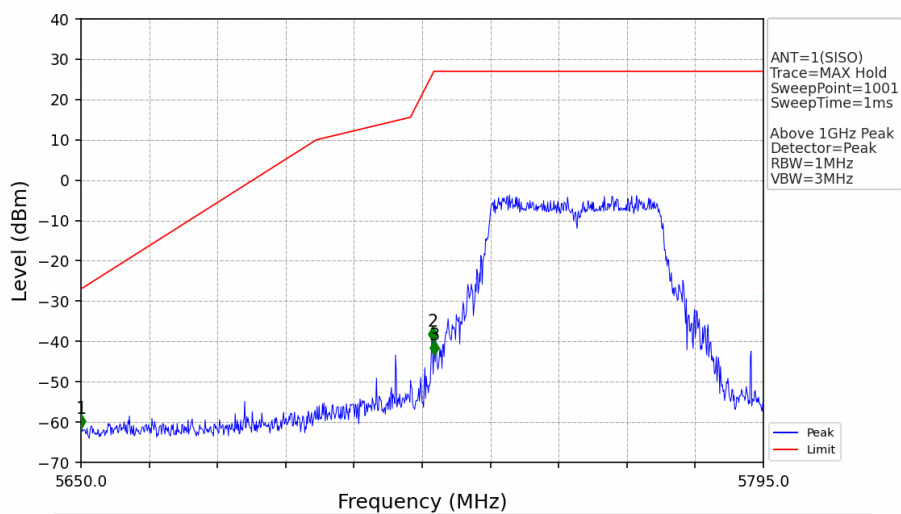
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-51.38	27.00	78.38	Pass	Peak	3	5925.000	-54.88	-27.00	27.88	Pass	Peak
2	5850.240	-48.68	26.45	75.13	Pass	Peak							

802.11n(HT40) LCH_5755MHz_Ant1_NTNV



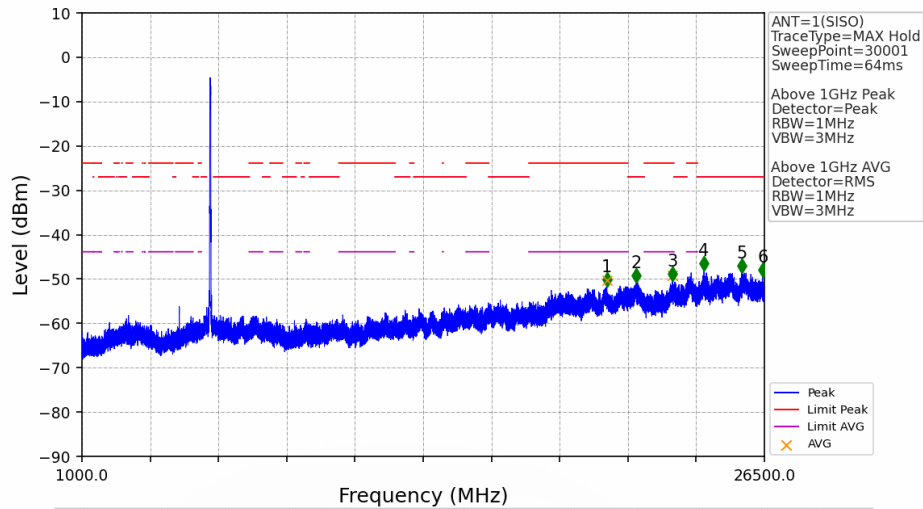
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18833	-49.63	-21.20	28.43	Pass	Peak	7	18833	-49.35	-41.20	8.15	Pass	AVG
2	20023.85	-49.43	-21.20	28.23	Pass	Peak	8	20023.85	-48.55	-41.20	7.35	Pass	AVG
3	21144.15	-47.92	-21.20	26.72	Pass	Peak	9	21144.15	-47.45	-41.20	6.25	Pass	AVG
4	22993.75	-47.75	-21.20	26.55	Pass	Peak	10	22993.75	-46.62	-41.20	5.42	Pass	AVG
5	24304.45	-46.19	-27.00	19.18	Pass	Peak	11	24304.45	/	-27.00	/	/	AVG
6	25752.85	-45.55	-27.00	18.55	Pass	Peak	12	25752.85	/	-27.00	/	/	AVG

802.11n(HT40) LCH_5755MHz_Ant1_NTNV



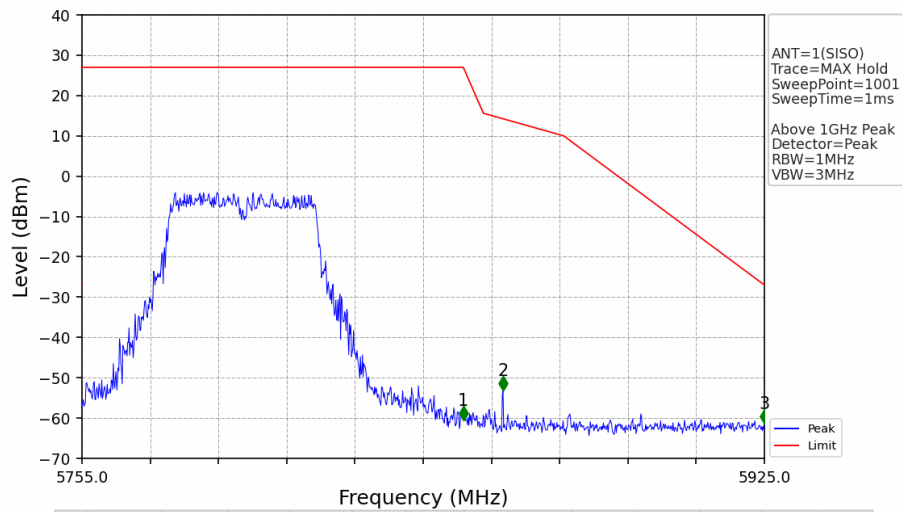
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-58.87	-27.00	31.87	Pass	Peak	3	5725.000	-40.69	27.00	67.69	Pass	Peak
2	5724.675	-37.12	26.26	63.38	Pass	Peak							

802.11n(HT40) HCH 5795MHz_Ant1_NTNV



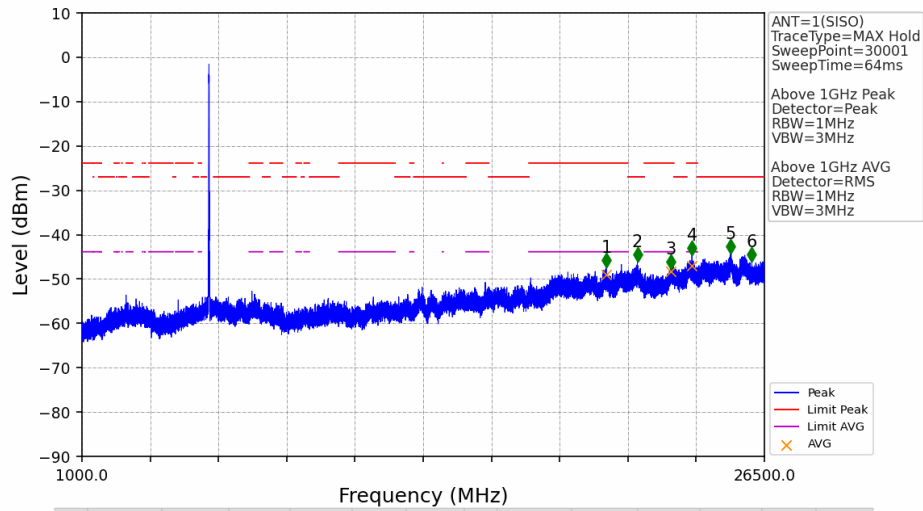
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20611.2	-49.09	-21.20	27.89	Pass	Peak	7	20611.2	-47.60	-41.20	6.40	Pass	AVG
2	21697.5	-48.13	-27.00	21.13	Pass	Peak	8	21697.5	/	-27.00	/	/	AVG
3	23066.85	-47.83	-21.20	26.62	Pass	Peak	9	23066.85	-46.57	-41.20	5.37	Pass	AVG
4	24242.4	-45.46	-27.00	18.46	Pass	Peak	10	24242.4	/	-27.00	/	/	AVG
5	25655.95	-45.96	-27.00	18.96	Pass	Peak	11	25655.95	/	-27.00	/	/	AVG
6	26430.3	-46.79	-27.00	19.79	Pass	Peak	12	26430.3	/	-27.00	/	/	AVG

802.11n(HT40) HCH 5795MHz_Ant1_NTNV



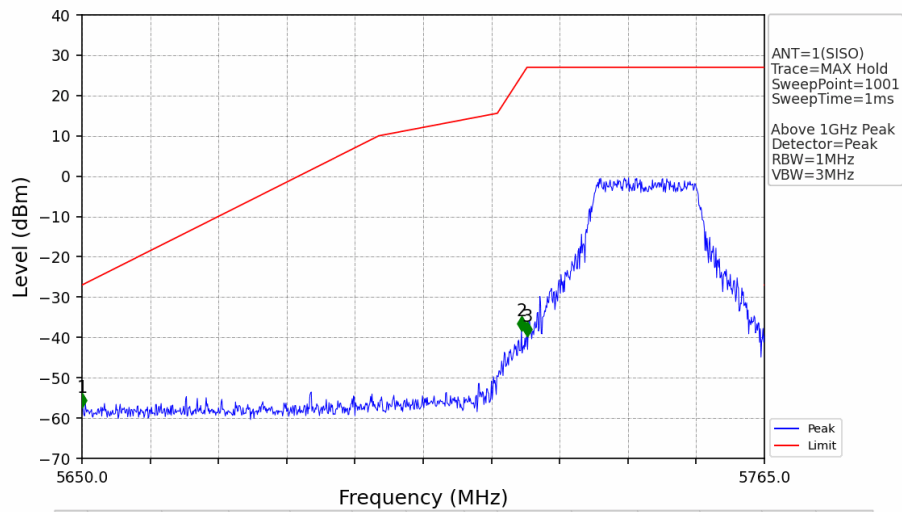
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-57.82	27.00	84.82	Pass	Peak	3	5925.000	-58.75	-27.00	31.75	Pass	Peak
2	5859.890	-50.51	14.23	64.74	Pass	Peak							

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



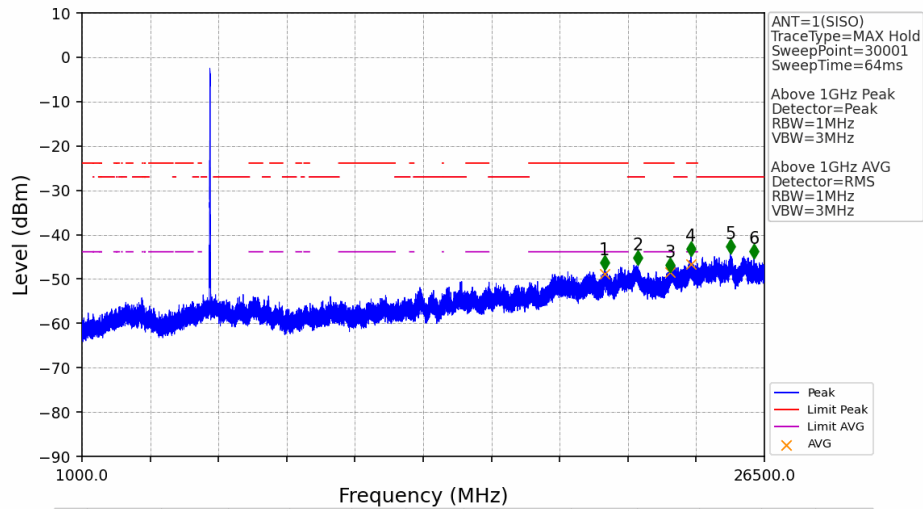
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20589.1	-44.66	-21.20	23.46	Pass	Peak	7	20589.1	-46.26	-41.20	5.06	Pass	AVG
2	21752.75	-43.30	-27.00	16.30	Pass	Peak	8	21752.75	/	-27.00	/	/	AVG
3	22997.15	-45.09	-21.20	23.89	Pass	Peak	9	22997.15	-45.59	-41.20	4.39	Pass	AVG
4	23791.9	-41.90	-21.20	20.70	Pass	Peak	10	23791.9	-44.29	-41.20	3.09	Pass	AVG
5	25222.45	-41.50	-27.00	14.50	Pass	Peak	11	25222.45	/	-27.00	/	/	AVG
6	26032.5	-43.40	-27.00	16.40	Pass	Peak	12	26032.5	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



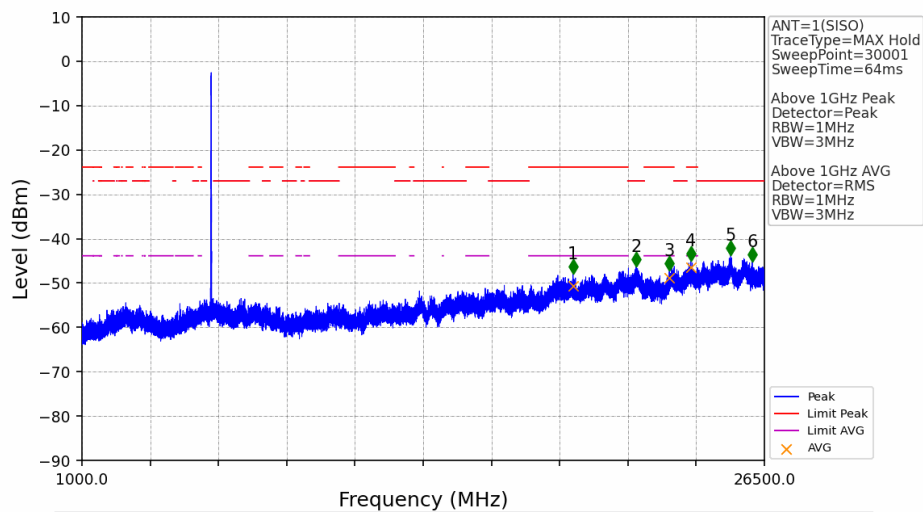
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-54.65	-27.00	27.65	Pass	Peak	3	5725.000	-37.04	27.00	64.04	Pass	Peak
2	5724.060	-35.55	24.86	60.40	Pass	Peak							

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



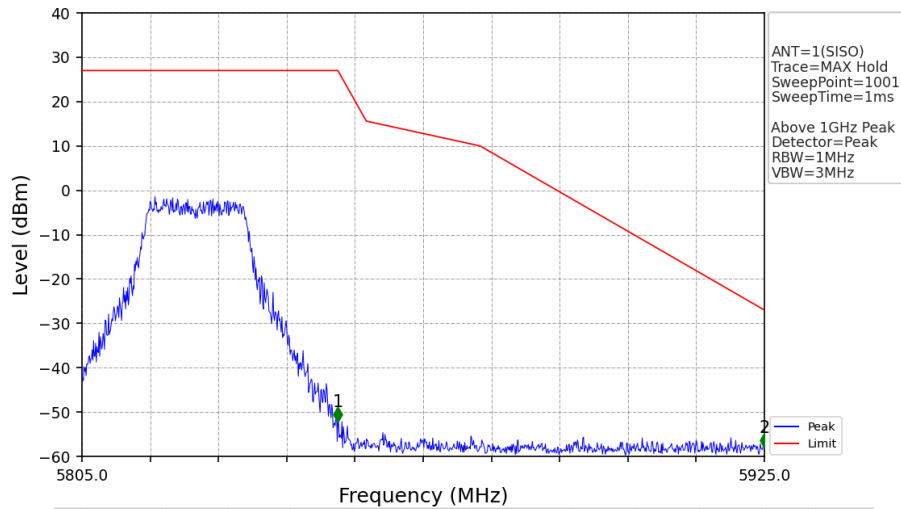
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20518.55	-45.12	-21.20	23.92	Pass Peak	7	20518.55	-46.14	-41.20	4.94	Pass AVG
2	21781.65	-44.02	-27.00	17.02	Pass Peak	8	21781.65	/	-27.00	/	/ AVG
3	22970.8	-45.69	-21.20	24.49	Pass Peak	9	22970.8	-45.82	-41.20	4.62	Pass AVG
4	23751.1	-42.03	-21.20	20.83	Pass Peak	10	23751.1	-44.00	-41.20	2.80	Pass AVG
5	25226.7	-41.53	-27.00	14.53	Pass Peak	11	25226.7	/	-27.00	/	/ AVG
6	26110.7	-42.71	-27.00	15.71	Pass Peak	12	26110.7	/	-27.00	/	/ AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

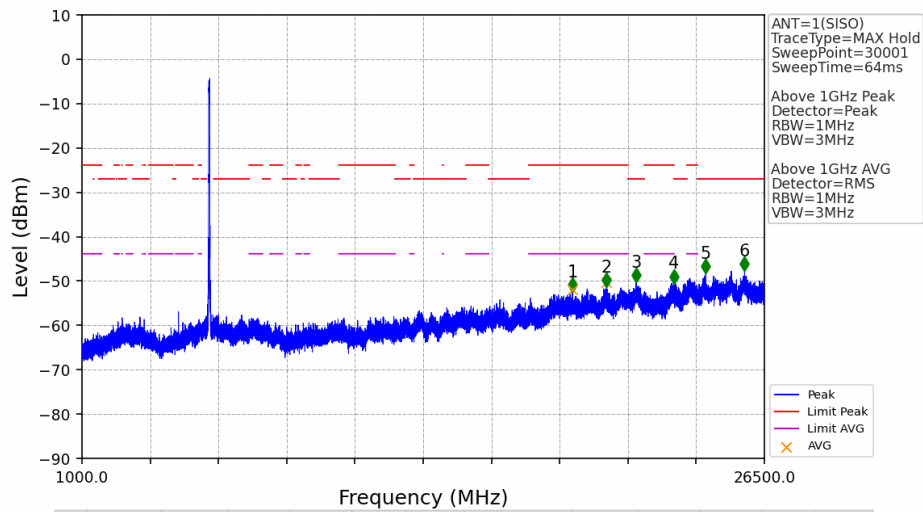


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	19347.25	-45.19	-21.20	23.99	Pass Peak	7	19347.25	-47.98	-41.20	6.78	Pass AVG
2	21711.95	-43.55	-27.00	16.55	Pass Peak	8	21711.95	/	-27.00	/	/ AVG
3	22949.55	-44.53	-21.20	23.33	Pass Peak	9	22949.55	-46.08	-41.20	4.88	Pass AVG
4	23751.1	-42.34	-21.20	21.14	Pass Peak	10	23751.1	-43.88	-41.20	2.68	Pass AVG
5	25242	-40.99	-27.00	13.99	Pass Peak	11	25242	/	-27.00	/	/ AVG
6	26045.25	-42.50	-27.00	15.50	Pass Peak	12	26045.25	/	-27.00	/	/ AVG

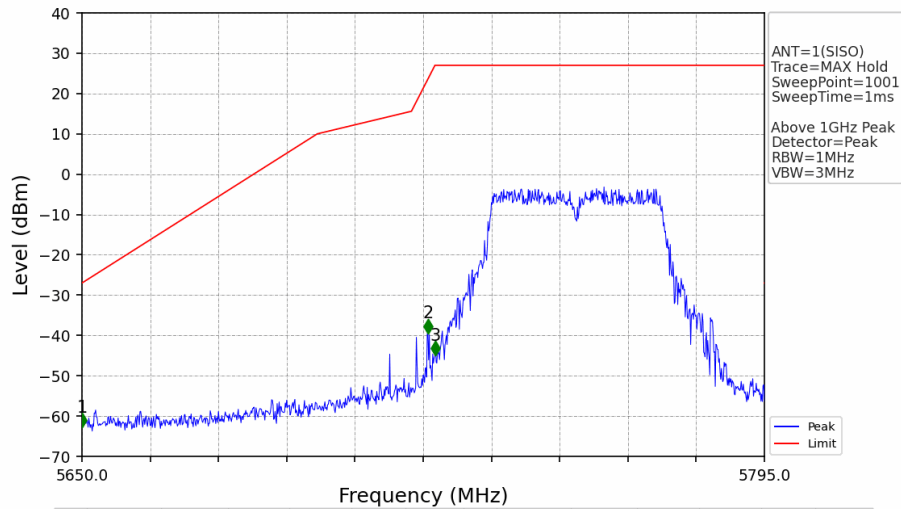
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

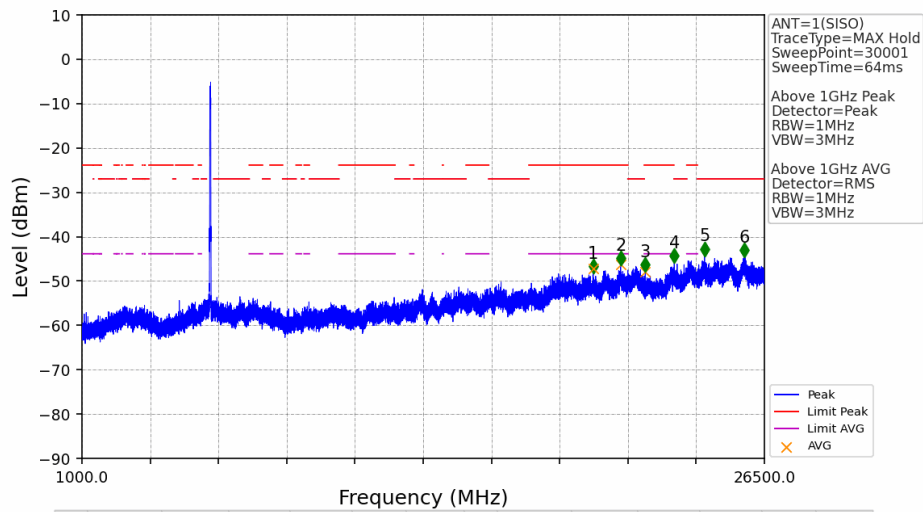


802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



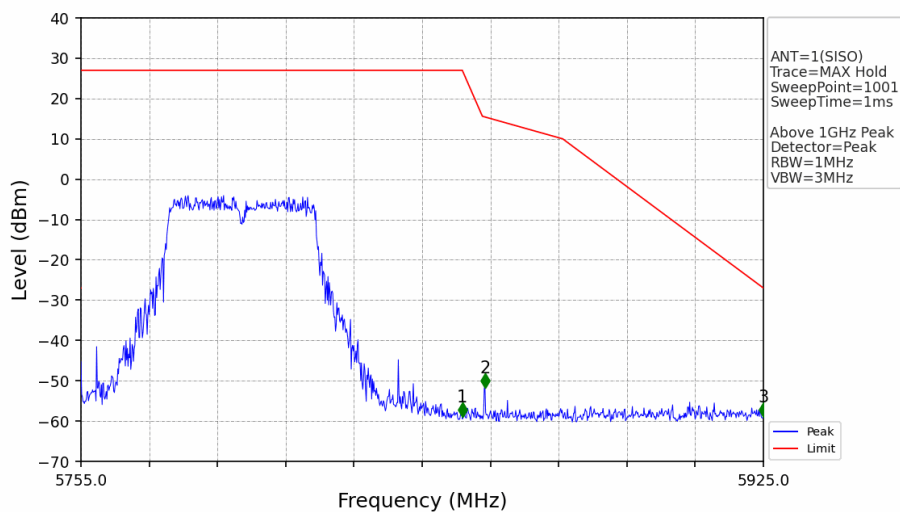
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-59.99	-27.00	32.99	Pass	Peak	3	5725.000	-42.23	-27.00	69.23	Pass	Peak
2	5723.515	-36.71	23.61	60.33	Pass	Peak							

802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV

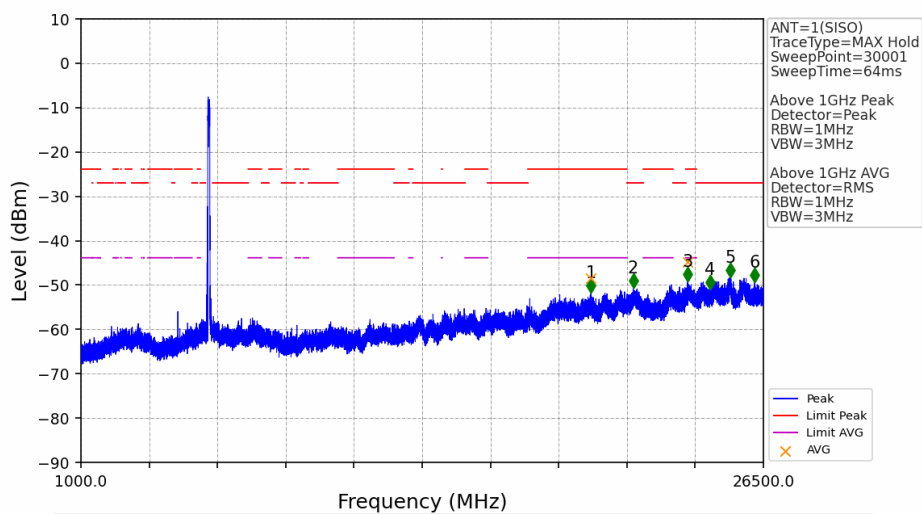


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20102.05	-45.53	-21.20	24.33	Pass	Peak	7	20102.05	-44.58	-41.20	3.38	Pass	AVG
2	21126.3	-43.81	-21.20	22.61	Pass	Peak	8	21126.3	-43.54	-41.20	2.34	Pass	AVG
3	22048.55	-45.20	-21.20	24.00	Pass	Peak	9	22048.55	-45.16	-41.20	3.96	Pass	AVG
4	23131.45	-43.23	-27.00	16.23	Pass	Peak	10	23131.45	/	-27.00	/	/	AVG
5	24262.8	-41.65	-27.00	14.65	Pass	Peak	11	24262.8	/	-27.00	/	/	AVG
6	25748.6	-41.84	-27.00	14.84	Pass	Peak	12	25748.6	/	-27.00	/	/	AVG

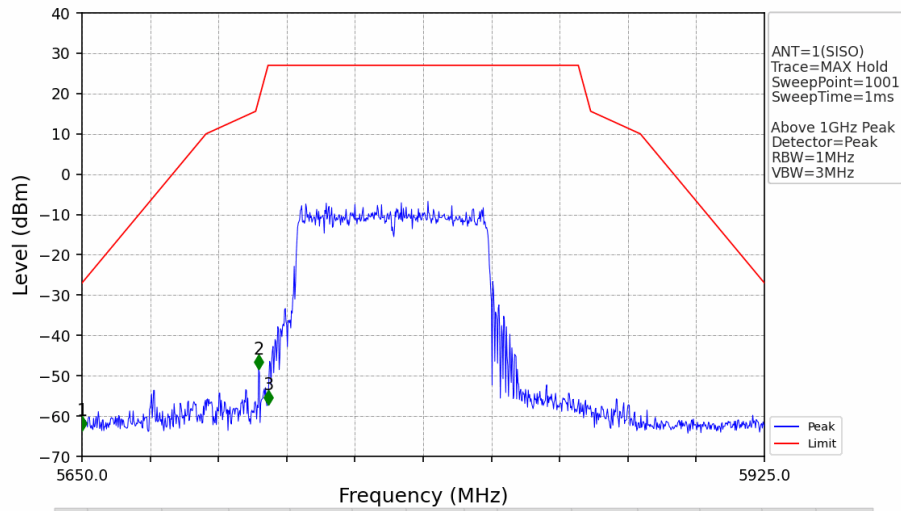
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



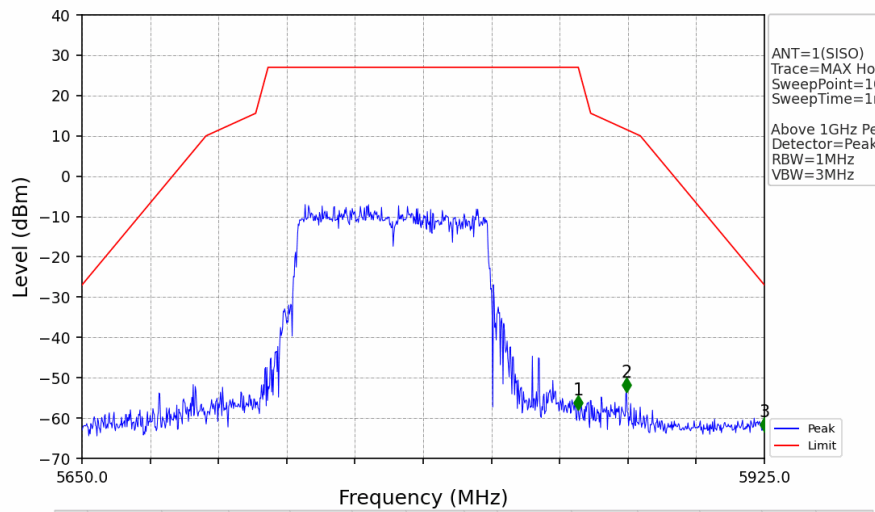
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



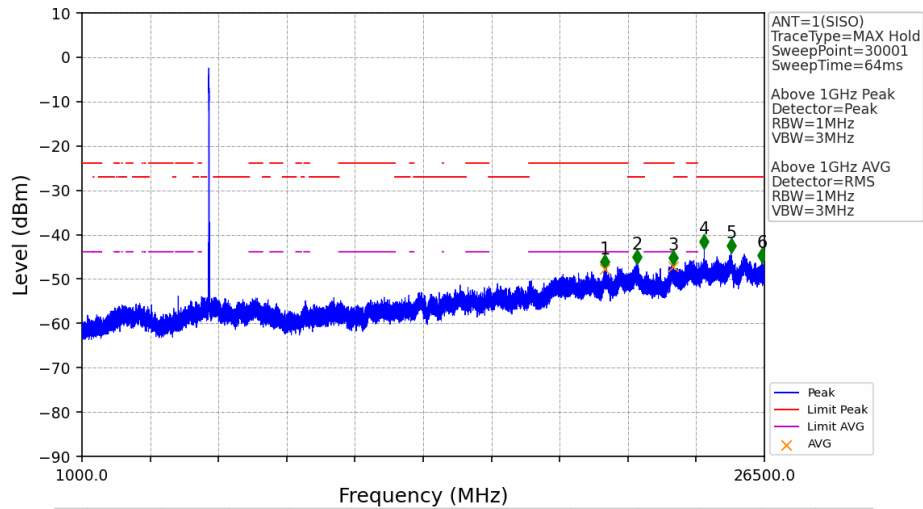
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

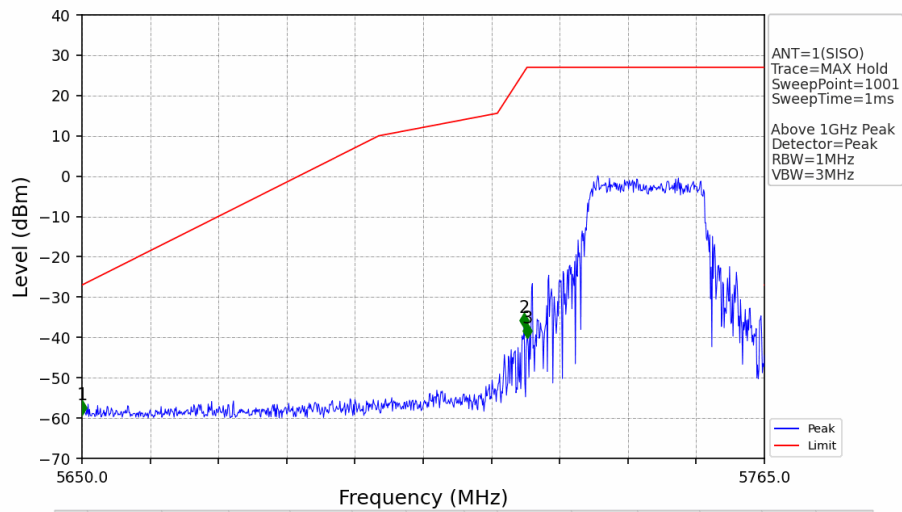


802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



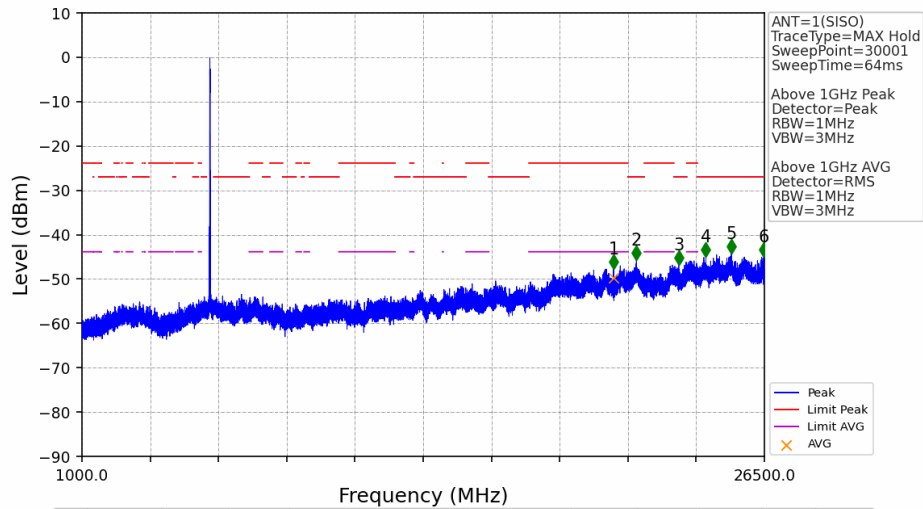
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20528.75	-44.95	-21.20	23.75	Pass	Peak	7	20528.75	-45.10	-41.20	3.90	Pass	AVG
2	21749.35	-43.86	-27.00	16.86	Pass	Peak	8	21749.35	/	-27.00	/	/	AVG
3	23108.5	-44.12	-21.20	22.92	Pass	Peak	9	23108.5	-44.50	-41.20	3.30	Pass	AVG
4	24253.45	-40.41	-27.00	13.41	Pass	Peak	10	24253.45	/	-27.00	/	/	AVG
5	25251.35	-41.34	-27.00	14.34	Pass	Peak	11	25251.35	/	-27.00	/	/	AVG
6	26403.1	-43.49	-27.00	16.49	Pass	Peak	12	26403.1	/	-27.00	/	/	AVG

802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



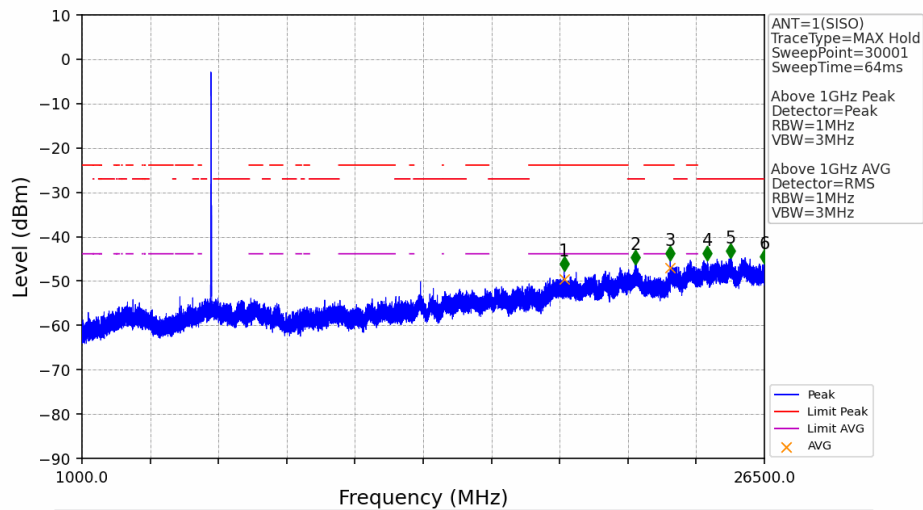
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-56.53	-27.00	29.53	Pass	Peak	3	5725.000	-37.49	27.00	64.49	Pass	Peak
2	5724.520	-34.75	25.91	60.65	Pass	Peak							

802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



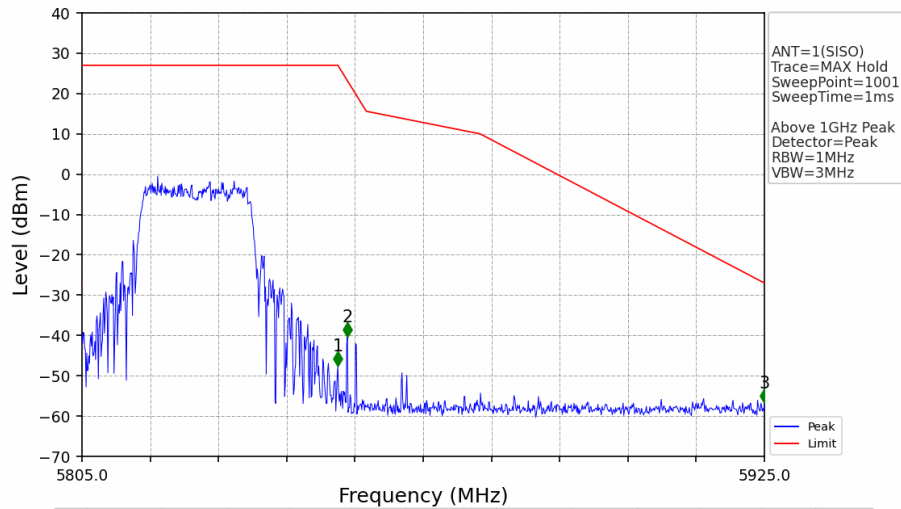
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20862.8	-45.04	-21.20	23.84	Pass	Peak	7	20862.8	-47.04	-41.20	5.84	Pass	AVG
2	21717.9	-43.06	-27.00	16.06	Pass	Peak	8	21717.9	/	-27.00	/	/	AVG
3	23298.9	-44.16	-27.00	17.16	Pass	Peak	9	23298.9	/	-27.00	/	/	AVG
4	24314.65	-42.34	-27.00	15.34	Pass	Peak	10	24314.65	/	-27.00	/	/	AVG
5	25254.75	-41.54	-27.00	14.54	Pass	Peak	11	25254.75	/	-27.00	/	/	AVG
6	26477.9	-42.28	-27.00	15.28	Pass	Peak	12	26477.9	/	-27.00	/	/	AVG

802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



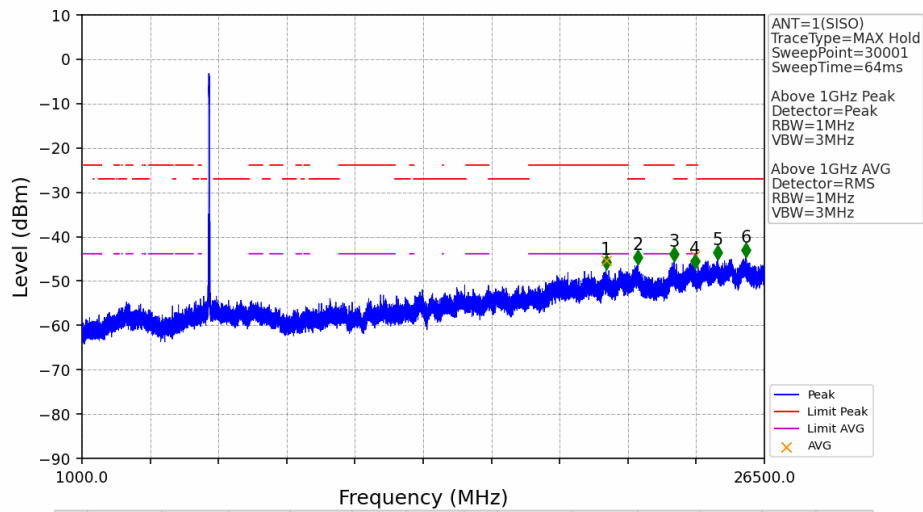
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19014.9	-44.97	-21.20	23.77	Pass	Peak	7	19014.9	-46.92	-41.20	5.72	Pass	AVG
2	21677.1	-43.55	-27.00	16.55	Pass	Peak	8	21677.1	/	-27.00	/	/	AVG
3	22980.15	-42.58	-21.20	21.38	Pass	Peak	9	22980.15	-44.34	-41.20	3.14	Pass	AVG
4	24374.15	-42.58	-27.00	15.58	Pass	Peak	10	24374.15	/	-27.00	/	/	AVG
5	25232.65	-42.03	-27.00	15.03	Pass	Peak	11	25232.65	/	-27.00	/	/	AVG
6	26497.45	-43.39	-27.00	16.39	Pass	Peak	12	26497.45	/	-27.00	/	/	AVG

802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1_NTNV



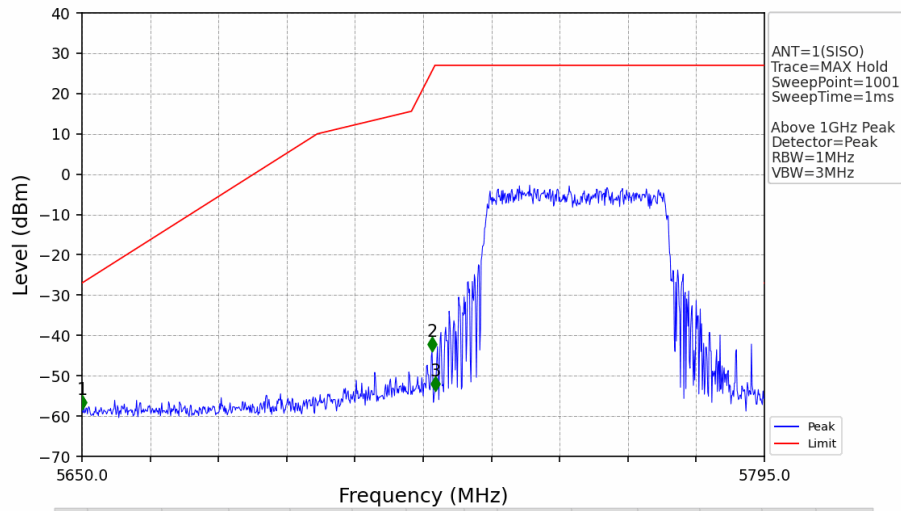
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-44.78	27.00	71.78	Pass	Peak	3	5925.000	-54.11	-27.00	27.11	Pass	Peak
2	5851.680	-37.53	23.17	60.70	Pass	Peak							

802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV

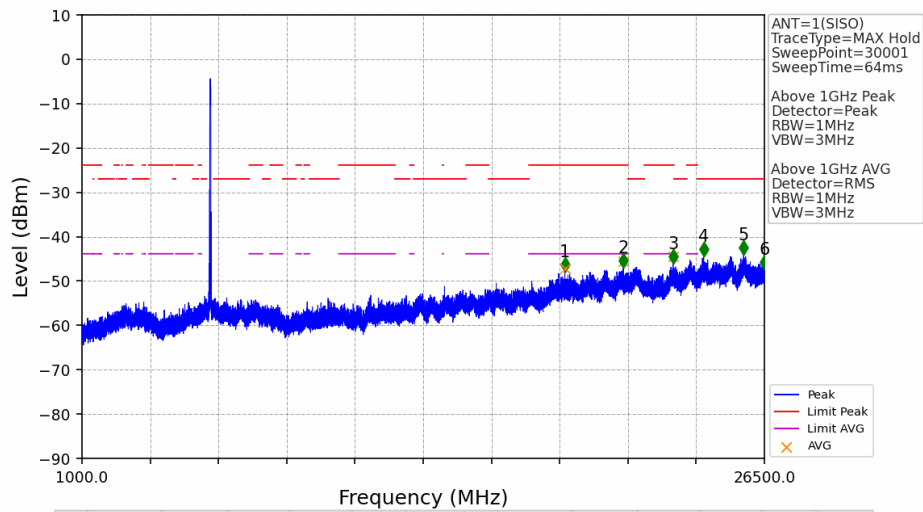


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20579.75	-44.69	-21.20	23.49	Pass	Peak	7	20579.75	-42.68	-41.20	1.48	Pass	AVG
2	21780.8	-43.63	-27.00	16.63	Pass	Peak	8	21780.8	/	-27.00	/	/	AVG
3	23126.35	-42.75	-27.00	15.75	Pass	Peak	9	23126.35	/	-27.00	/	/	AVG
4	23908.35	-44.49	-21.20	23.29	Pass	Peak	10	23908.35	-41.67	-41.20	0.47	Pass	AVG
5	24754.95	-42.39	-27.00	15.39	Pass	Peak	11	24754.95	/	-27.00	/	/	AVG
6	25803.85	-41.88	-27.00	14.88	Pass	Peak	12	25803.85	/	-27.00	/	/	AVG

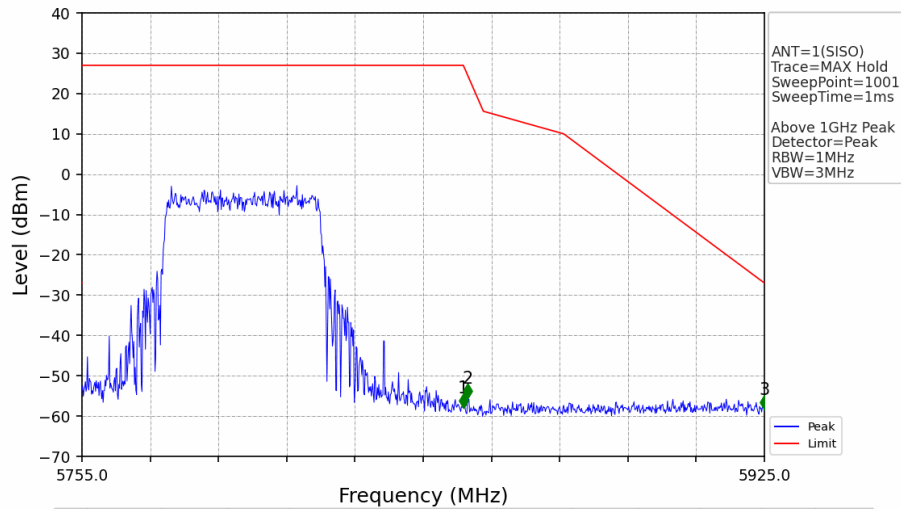
802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



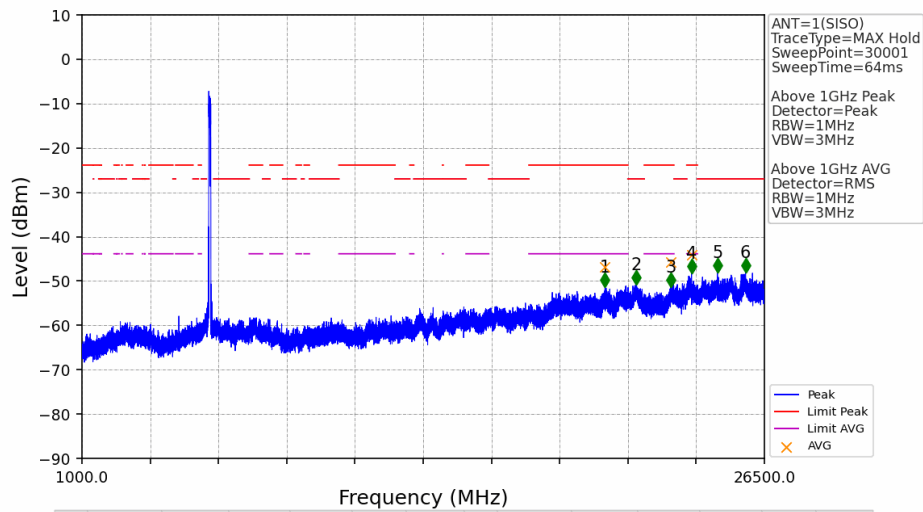
802.11ax(HEW40)_HCH_5795MHz_SU_ / Ant1_NTNV



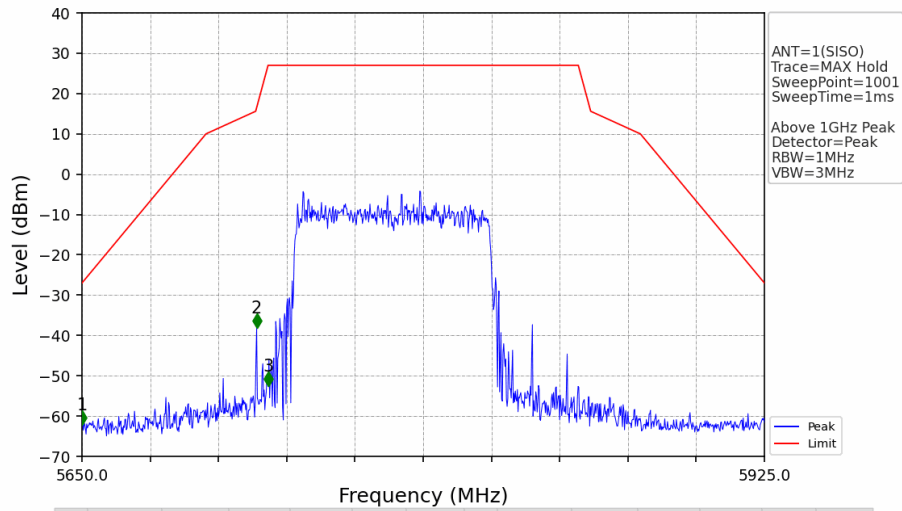
802.11ax(HEW40)_HCH_5795MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV

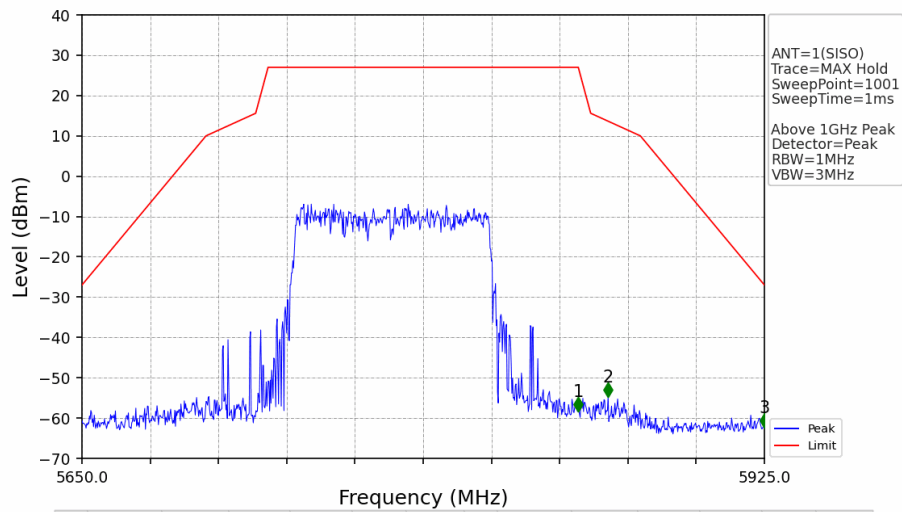


802.11ax(HEW80)_MCH_5775MHz_SU / Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-59.40	-27.00	32.40	Pass	Peak	3	5725.000	-49.93	27.00	76.93	Pass	Peak
2	5720.400	-35.46	16.51	51.97	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	5850.000	-55.71	27.00	82.71	Pass	AVG	3	5925.000	-59.59	-27.00	32.59	Pass	AVG
2	5862.025	-52.03	13.63	65.66	Pass	AVG							

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	5744.965	5725 to 5850	Pass
			-30	120	5744.965	5725 to 5850	Pass
			-20	120	5744.965	5725 to 5850	Pass
			-10	120	5744.965	5725 to 5850	Pass
			0	120	5744.965	5725 to 5850	Pass
			10	120	5744.965	5725 to 5850	Pass
			30	120	5744.965	5725 to 5850	Pass
			40	120	5744.965	5725 to 5850	Pass
			50	120	5744.965	5725 to 5850	Pass
		5785	20	102	5784.965	5725 to 5850	Pass
				120	5784.965	5725 to 5850	Pass
				138	5784.965	5725 to 5850	Pass
			-30	120	5784.965	5725 to 5850	Pass
			-20	120	5784.965	5725 to 5850	Pass
			-10	120	5784.965	5725 to 5850	Pass
			0	120	5784.965	5725 to 5850	Pass
			10	120	5784.965	5725 to 5850	Pass
			30	120	5784.965	5725 to 5850	Pass
			40	120	5784.965	5725 to 5850	Pass
			50	120	5784.965	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	5824.965	5725 to 5850	Pass
			10	120	5824.965	5725 to 5850	Pass
			30	120	5824.965	5725 to 5850	Pass
			40	120	5824.965	5725 to 5850	Pass
			50	120	5824.965	5725 to 5850	Pass
		5755	20	102	5755.500	5725 to 5850	Pass
				120	5755.500	5725 to 5850	Pass
				138	5755.500	5725 to 5850	Pass
			-30	120	5755.498	5725 to 5850	Pass
			-20	120	5755.456	5725 to 5850	Pass
			-10	120	5755.493	5725 to 5850	Pass
			0	120	5755.444	5725 to 5850	Pass
			10	120	5755.474	5725 to 5850	Pass
			30	120	5755.465	5725 to 5850	Pass
			40	120	5755.468	5725 to 5850	Pass
			50	120	5755.487	5725 to 5850	Pass
		5795	20	102	5795.500	5725 to 5850	Pass
				120	5795.470	5725 to 5850	Pass
				138	5795.496	5725 to 5850	Pass
			-30	120	5795.497	5725 to 5850	Pass

			-20	120	5795.464	5725 to 5850	Pass
			-10	120	5795.496	5725 to 5850	Pass
			0	120	5795.488	5725 to 5850	Pass
			10	120	5795.464	5725 to 5850	Pass
			30	120	5795.465	5725 to 5850	Pass
			40	120	5795.500	5725 to 5850	Pass
			50	120	5795.467	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	5774.965	5725 to 5850	Pass
			0	120	5774.965	5725 to 5850	Pass
			10	120	5774.965	5725 to 5850	Pass
			30	120	5774.965	5725 to 5850	Pass
			40	120	5774.965	5725 to 5850	Pass
			50	120	5774.965	5725 to 5850	Pass

▶▶▶ END OF REPORT ◀◀◀

