

1. Duty Cycle

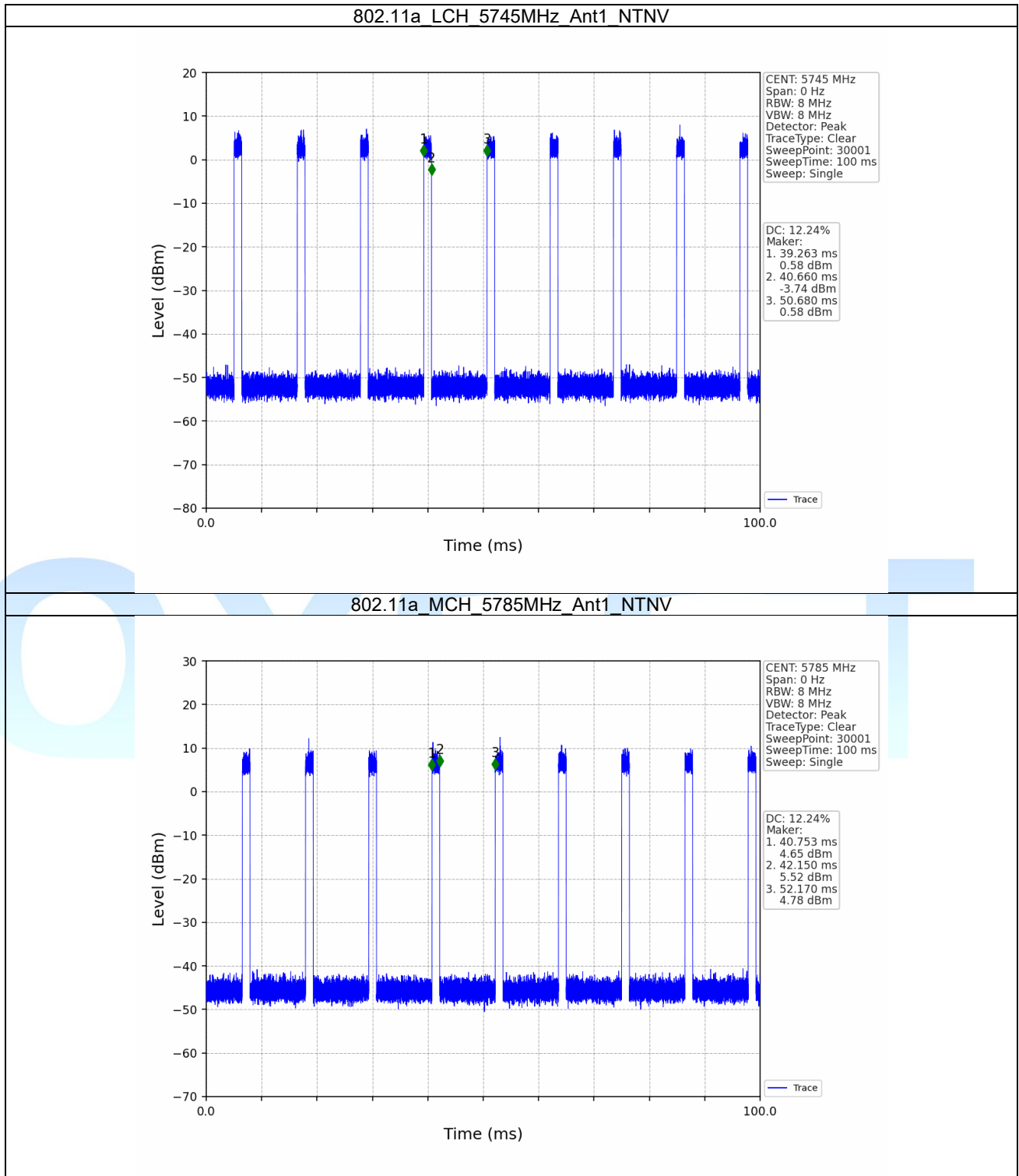
1.1 Test Result

1.1.1 Ant1

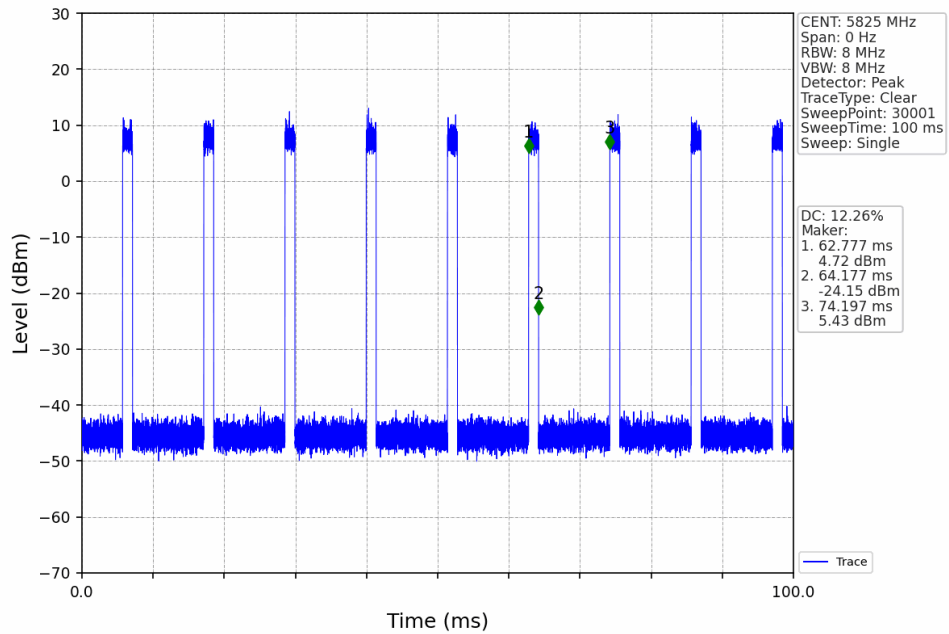
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	/	/	1.397	11.417	12.24	9.12	0.03
		5785	/	/	1.397	11.417	12.24	9.12	0.03
		5825	/	/	1.400	11.420	12.26	9.12	0.01
802.11n (HT20)	SISO	5745	/	/	5.090	15.113	33.68	4.73	0.01
		5785	/	/	5.090	15.110	33.69	4.73	0.01
		5825	/	/	5.090	15.113	33.68	4.73	0.02
802.11n (HT40)	SISO	5755	/	/	4.897	14.914	32.83	4.84	0.02
		5795	/	/	4.897	14.917	32.83	4.84	0.02
802.11ac (VHT20)	SISO	5745	/	/	5.097	15.117	33.72	4.72	0.02
		5785	/	/	5.096	15.116	33.71	4.72	0.02
		5825	/	/	5.097	15.117	33.72	4.72	0.03
802.11ac (VHT40)	SISO	5755	/	/	4.903	14.923	32.86	4.83	0.02
		5795	/	/	4.903	14.923	32.86	4.83	0.02
802.11ax (HEW20)	SISO	5745	RU242	Left	3.876	13.896	27.89	5.55	0.02
		5785	RU242	Left	3.877	13.897	27.90	5.54	0.03
		5825	RU242	Left	3.876	13.893	27.90	5.54	0.02
802.11ax (HEW40)	SISO	5755	RU484	Left	3.873	13.890	27.88	5.55	0.02
		5795	RU484	Left	3.873	13.897	27.87	5.55	0.02

1.2 Test Graph

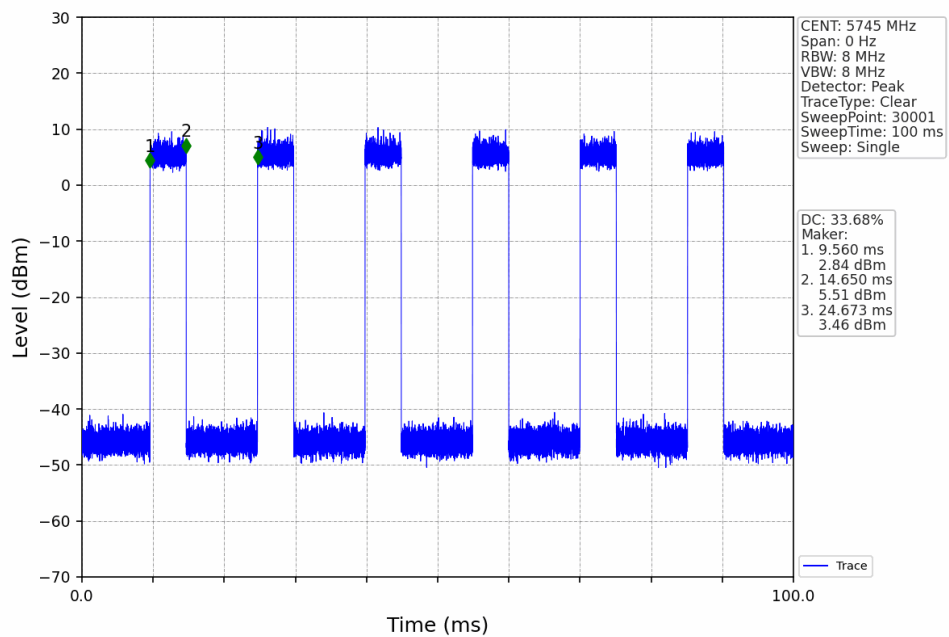
1.2.1 Ant1



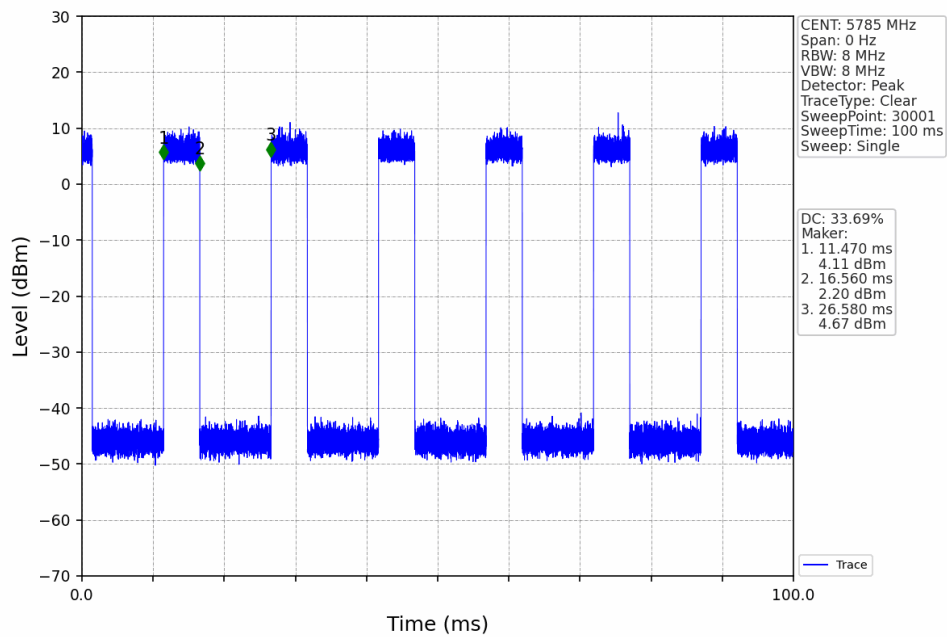
802.11a_HCH_5825MHz_Ant1_NTNV



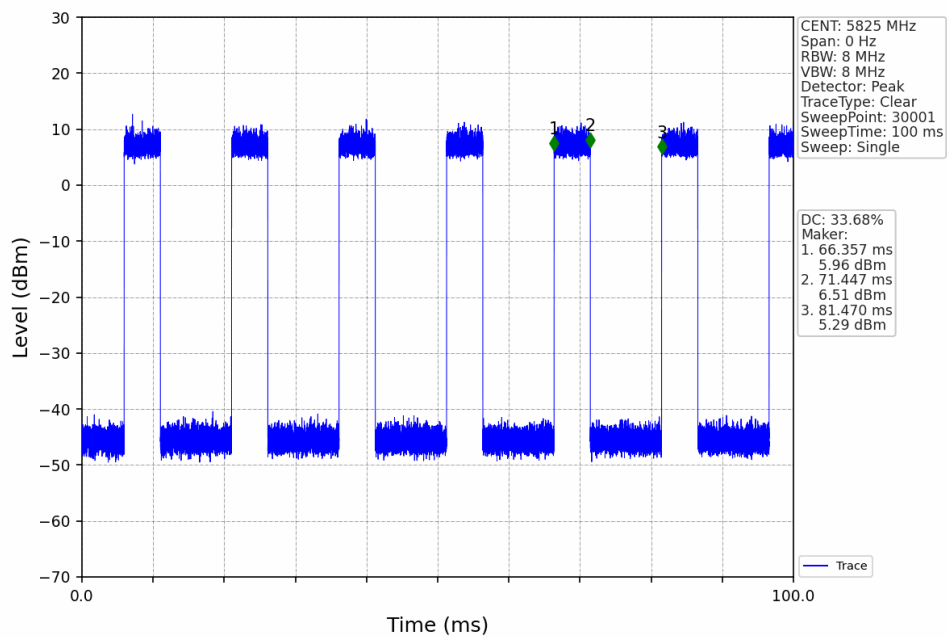
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



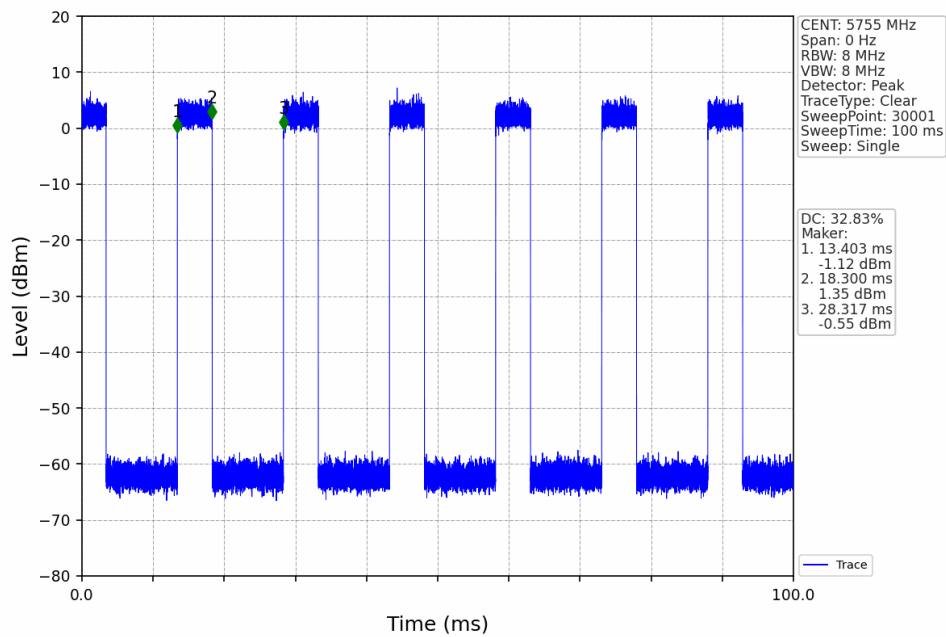
802.11n(HT20) MCH_5785MHz_Ant1_NTNV



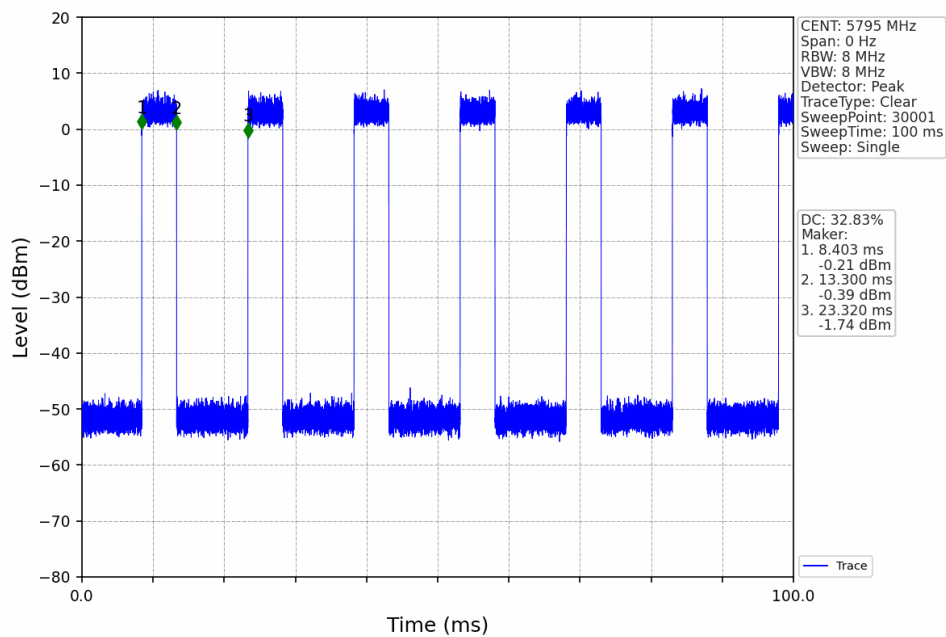
802.11n(HT20) HCH_5825MHz_Ant1_NTNV



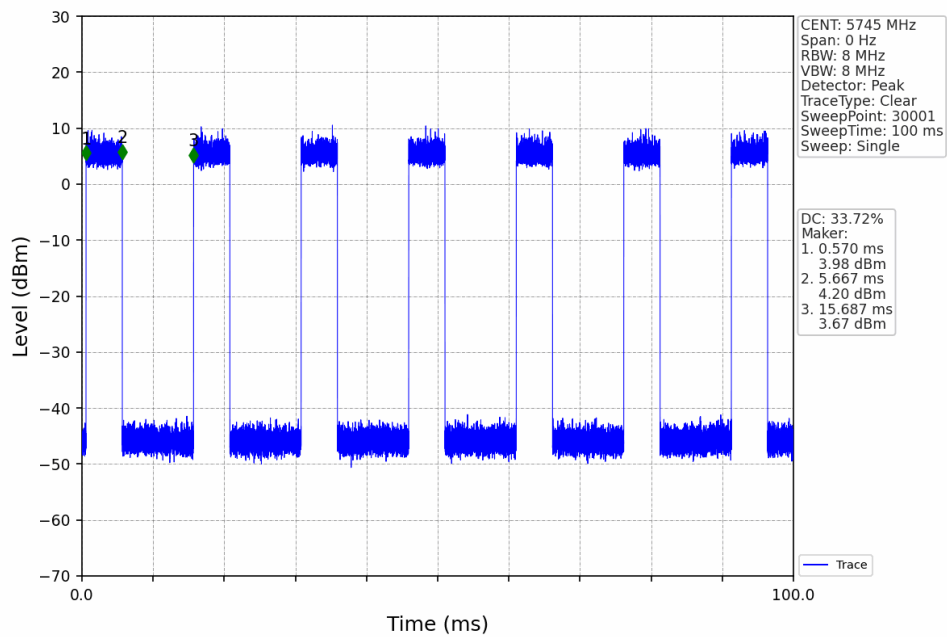
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



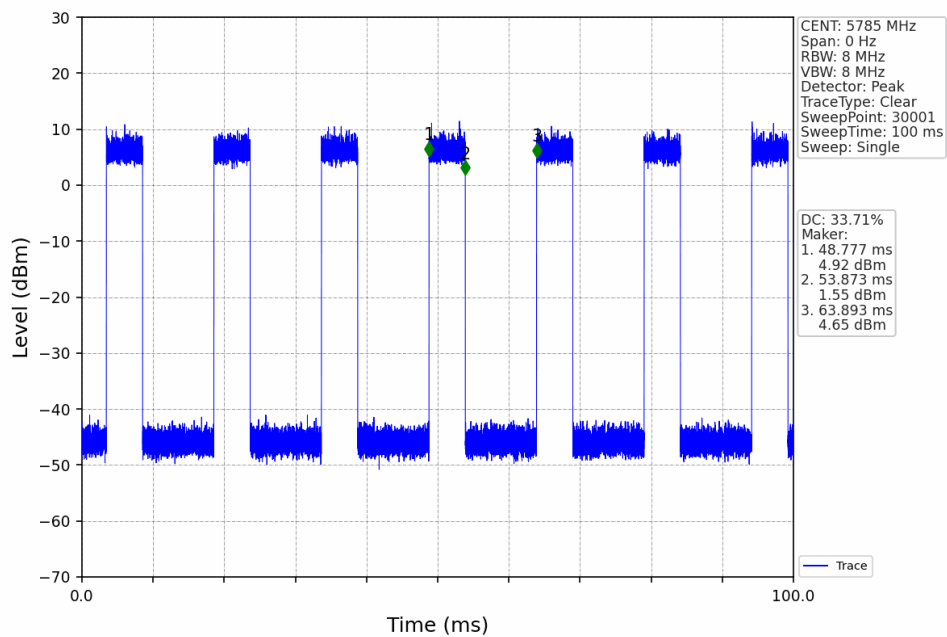
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



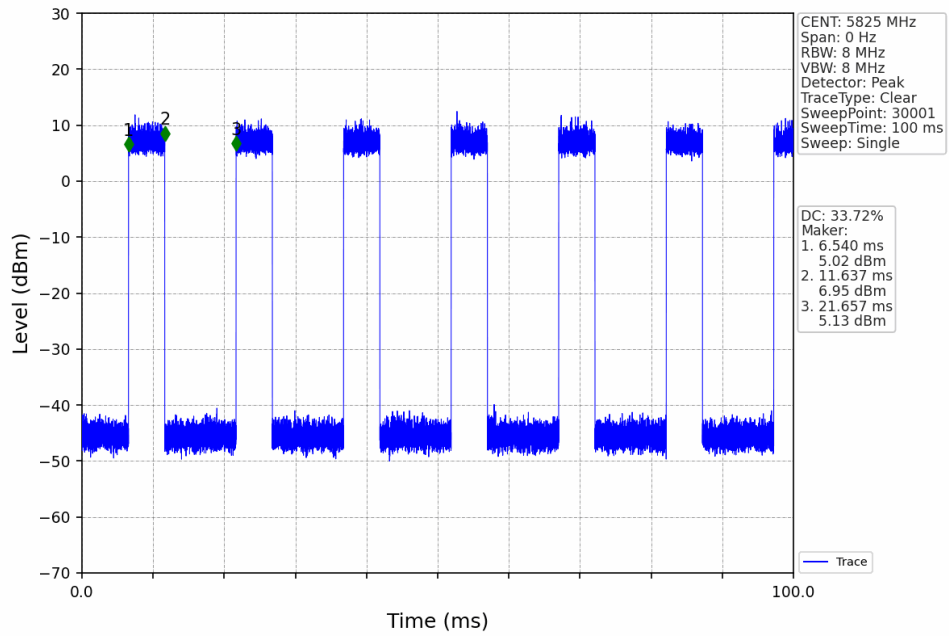
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



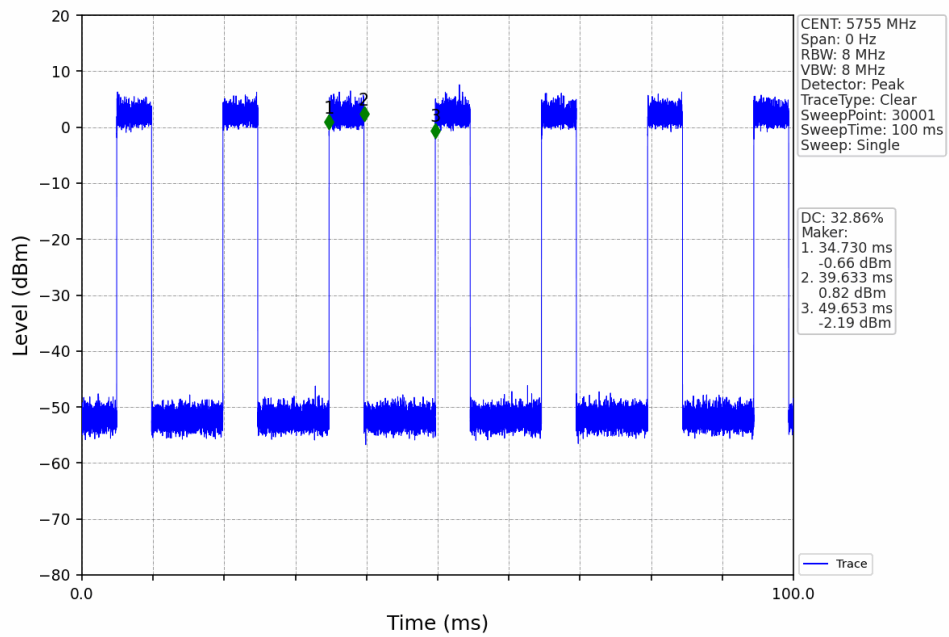
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



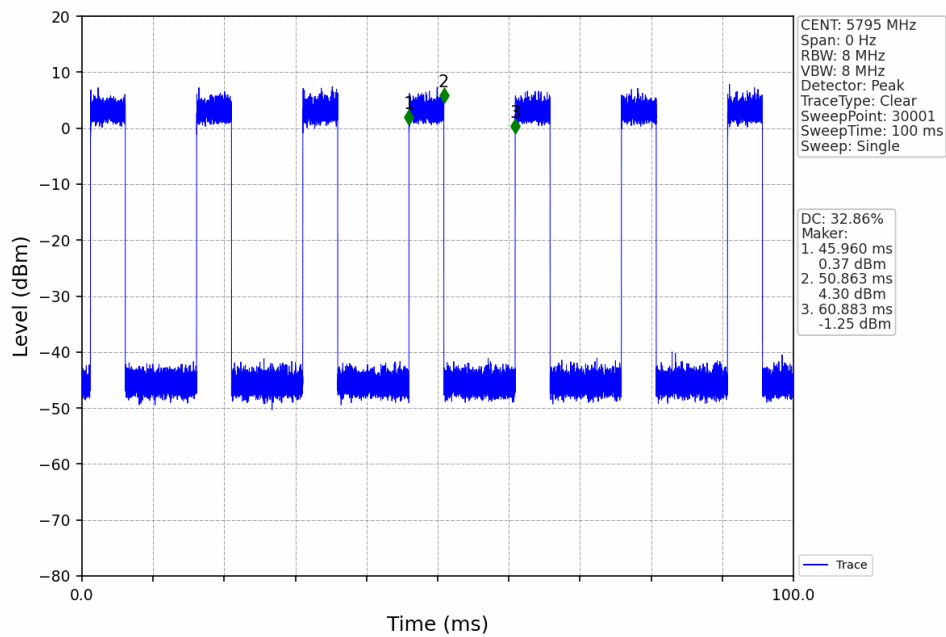
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



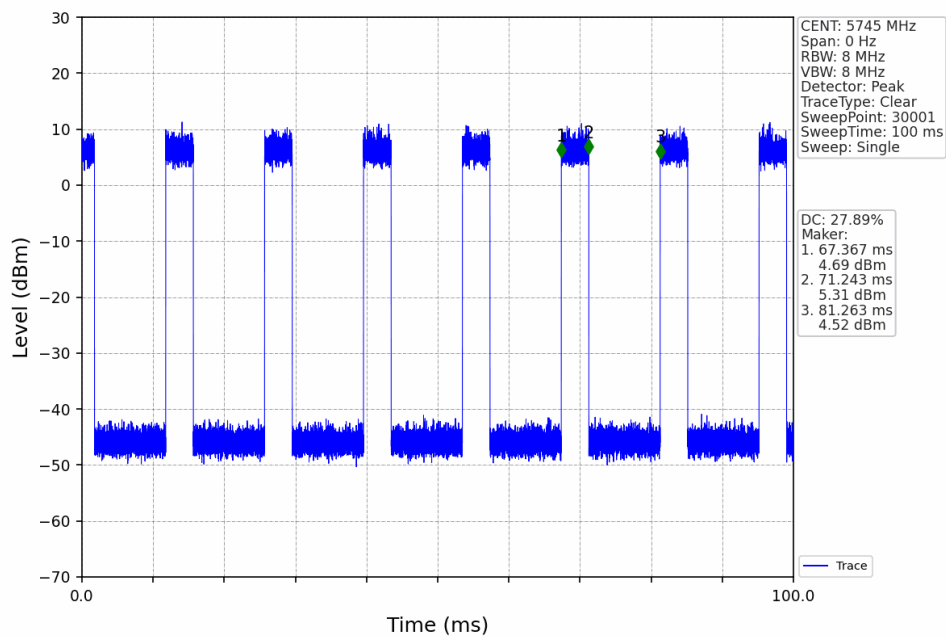
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



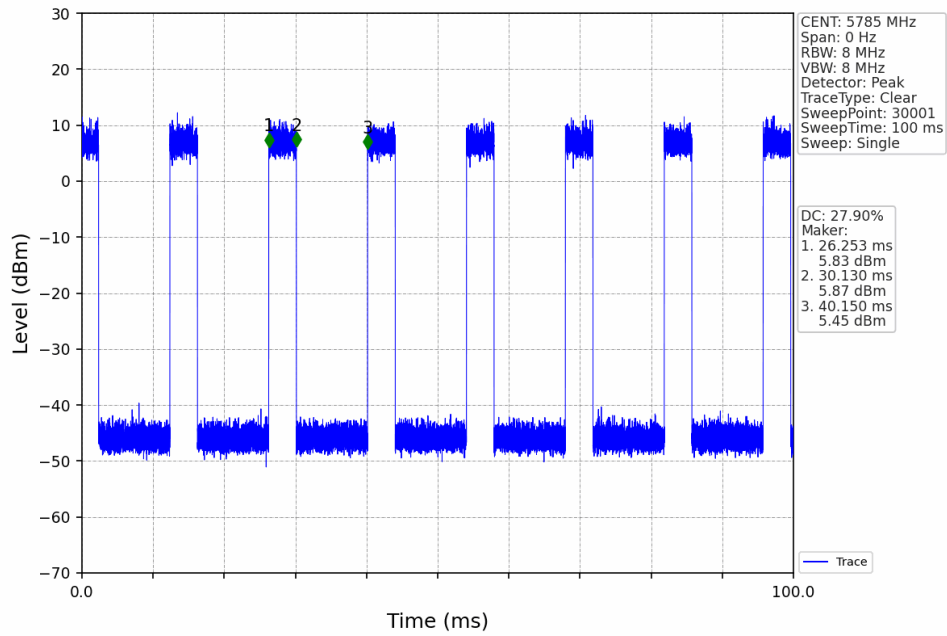
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



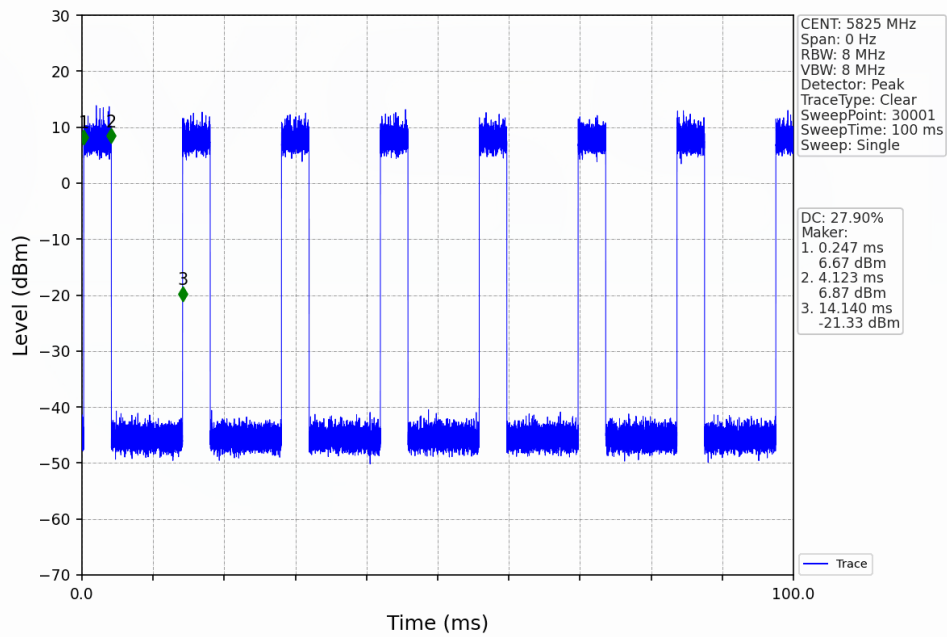
802.11ax(HEW20) LCH_5745MHz_RU242_Left_Ant1_NTNV



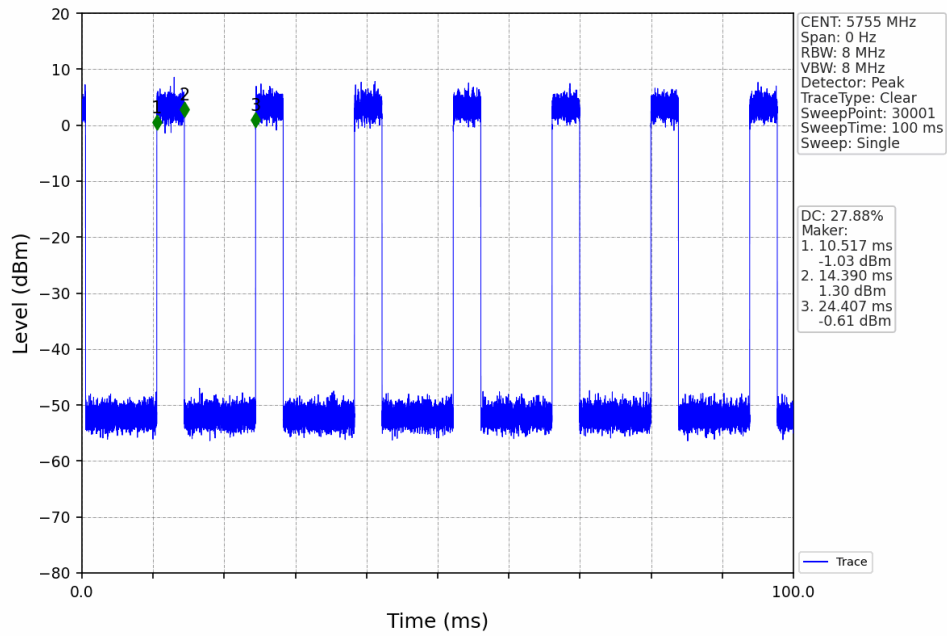
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



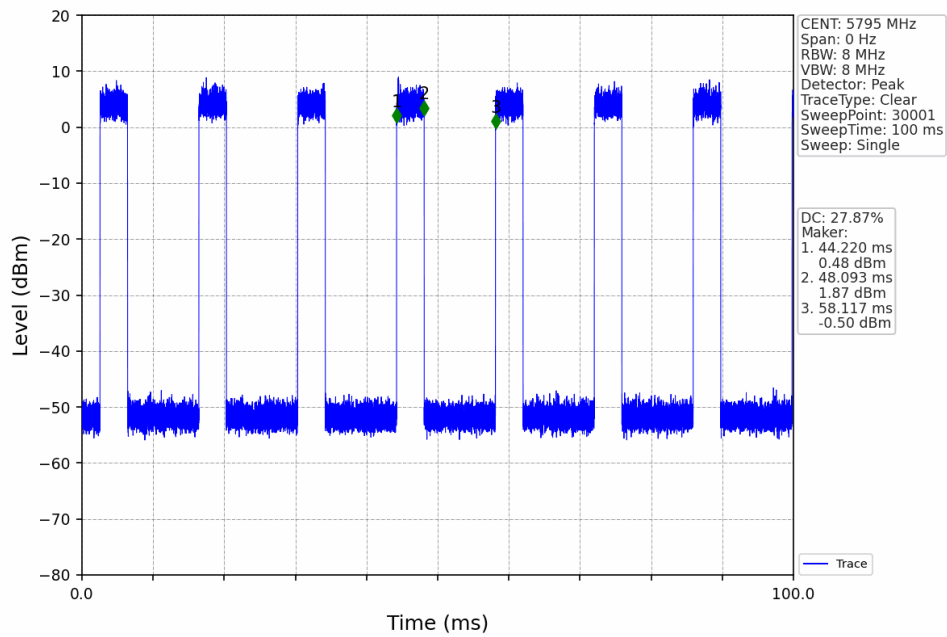
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

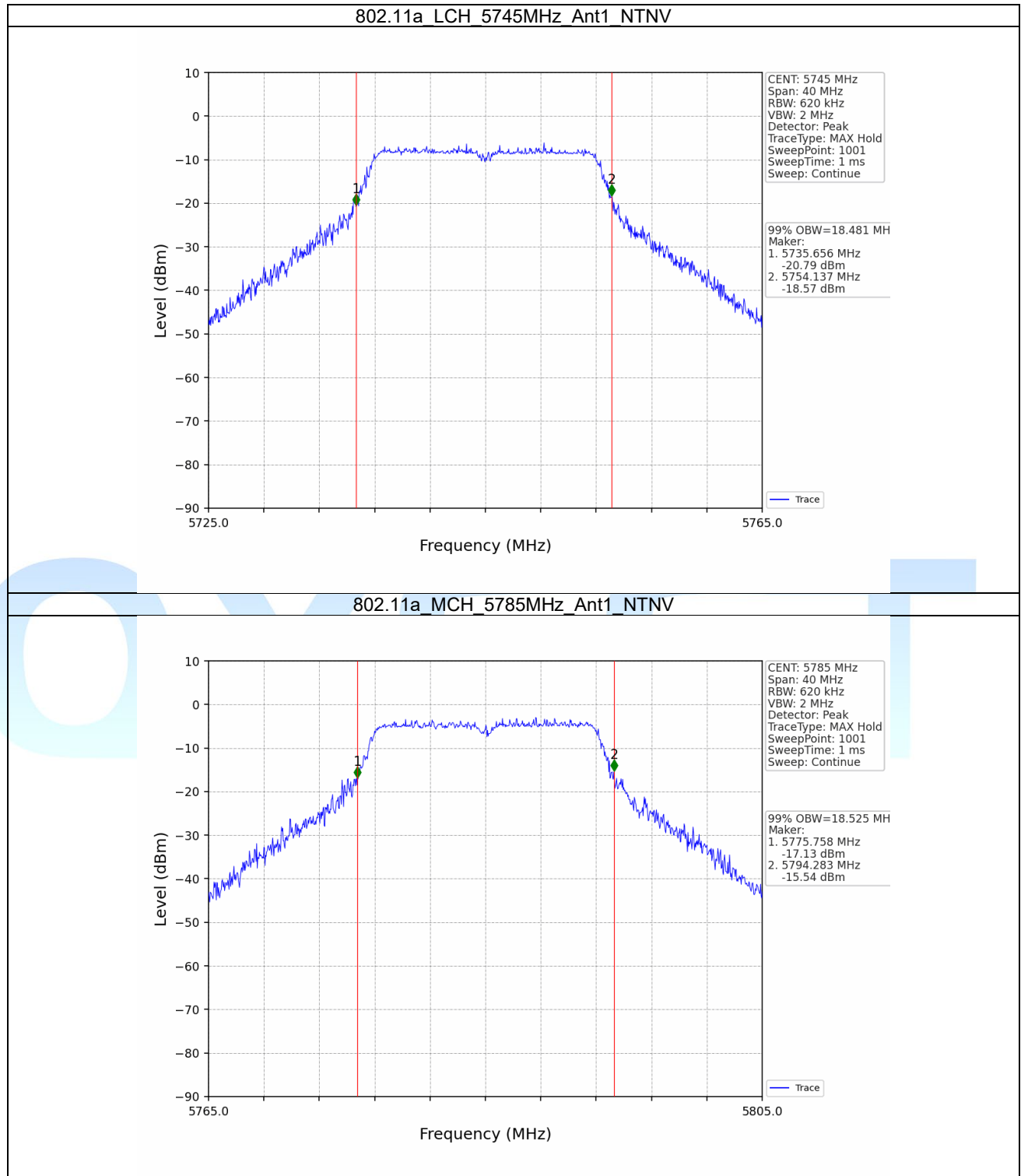
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	18.481	/	Pass
		5785	/	/	1	18.525	/	Pass
		5825	/	/	1	18.517	/	Pass
802.11n (HT20)	SISO	5745	/	/	1	19.834	/	Pass
		5785	/	/	1	19.835	/	Pass
		5825	/	/	1	19.898	/	Pass
802.11n (HT40)	SISO	5755	/	/	1	38.223	/	Pass
		5795	/	/	1	37.811	/	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	20.004	/	Pass
		5785	/	/	1	19.786	/	Pass
		5825	/	/	1	19.704	/	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	38.133	/	Pass
		5795	/	/	1	37.791	/	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	1	20.089	/	Pass
		5785	RU242	Left	1	20.275	/	Pass
		5825	RU242	Left	1	20.207	/	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	1	39.204	/	Pass
		5795	RU484	Left	1	39.124	/	Pass

2.1.2 6dB BW

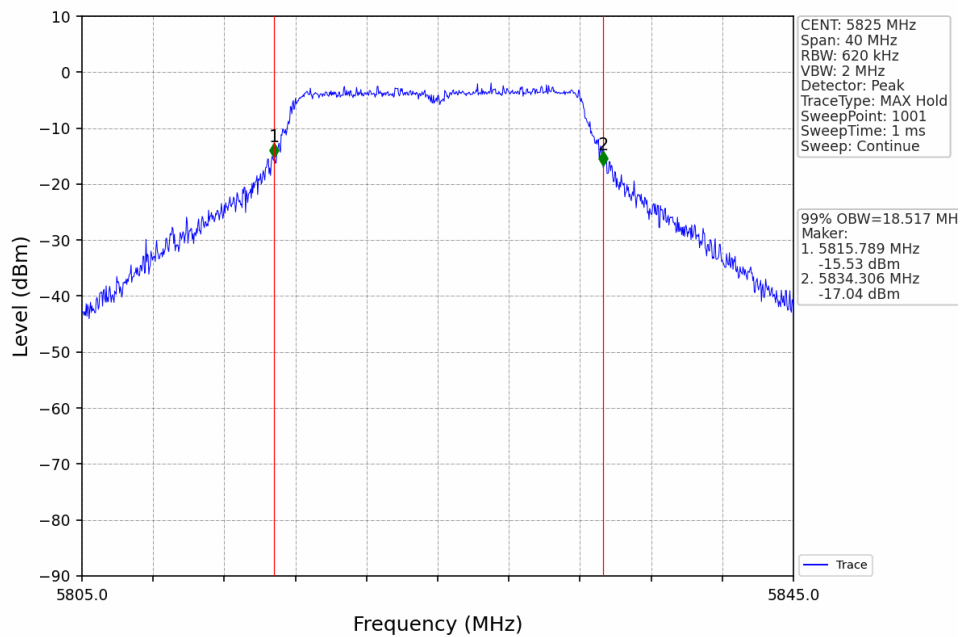
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.382	>=0.5	Pass
		5785	/	/	1	16.377	>=0.5	Pass
		5825	/	/	1	16.426	>=0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.674	>=0.5	Pass
		5785	/	/	1	17.655	>=0.5	Pass
		5825	/	/	1	17.671	>=0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.391	>=0.5	Pass
		5795	/	/	1	36.382	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.658	>=0.5	Pass
		5785	/	/	1	17.619	>=0.5	Pass
		5825	/	/	1	17.648	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.400	>=0.5	Pass
		5795	/	/	1	36.401	>=0.5	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	1	19.015	>=0.5	Pass
		5785	RU242	Left	1	19.007	>=0.5	Pass
		5825	RU242	Left	1	19.003	>=0.5	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	1	38.151	>=0.5	Pass
		5795	RU484	Left	1	38.024	>=0.5	Pass

2.2 Test Graph

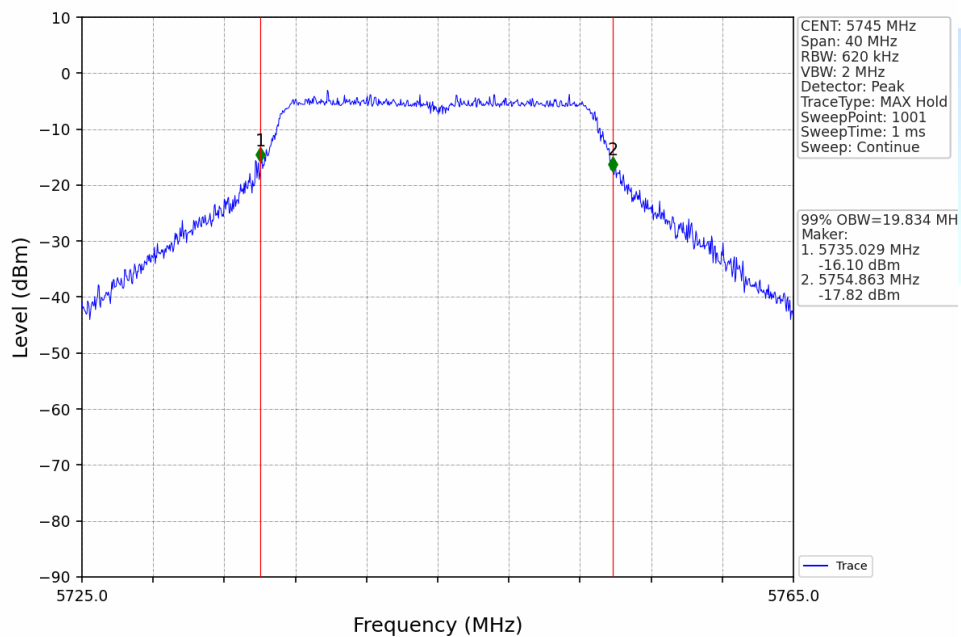
2.2.1 OBW



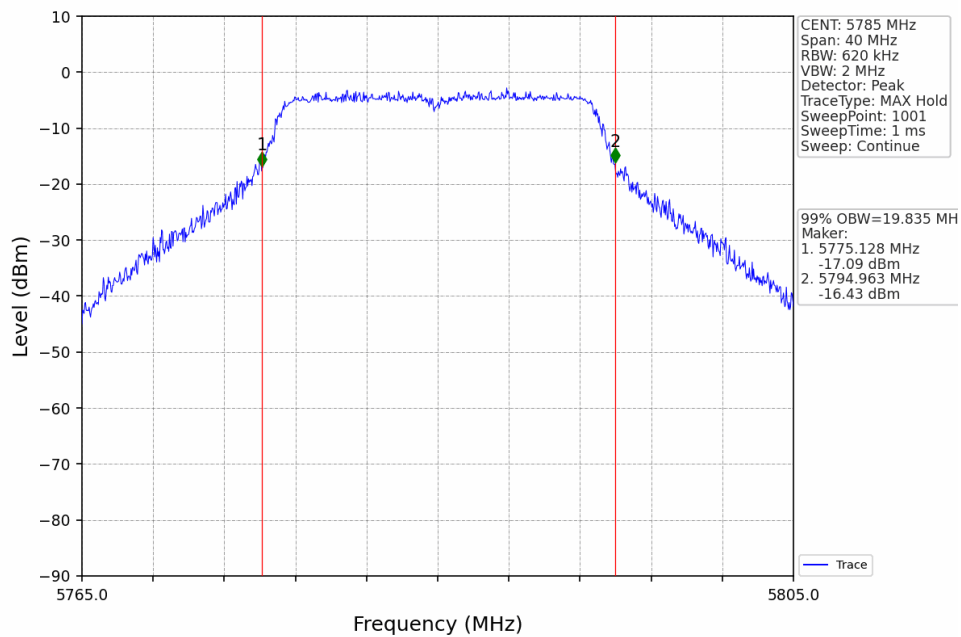
802.11a_HCH_5825MHz_Ant1_NTNV



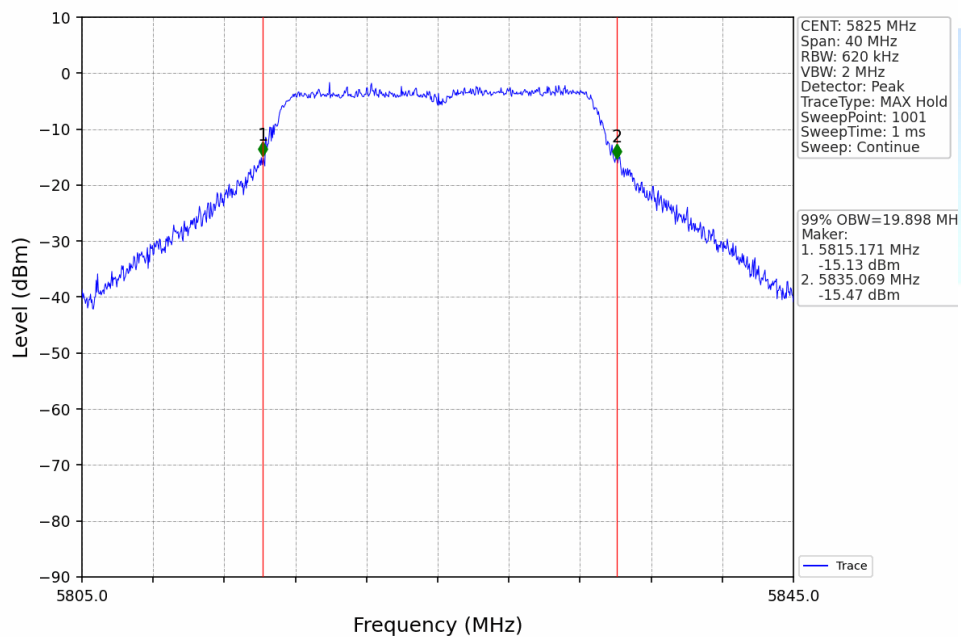
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



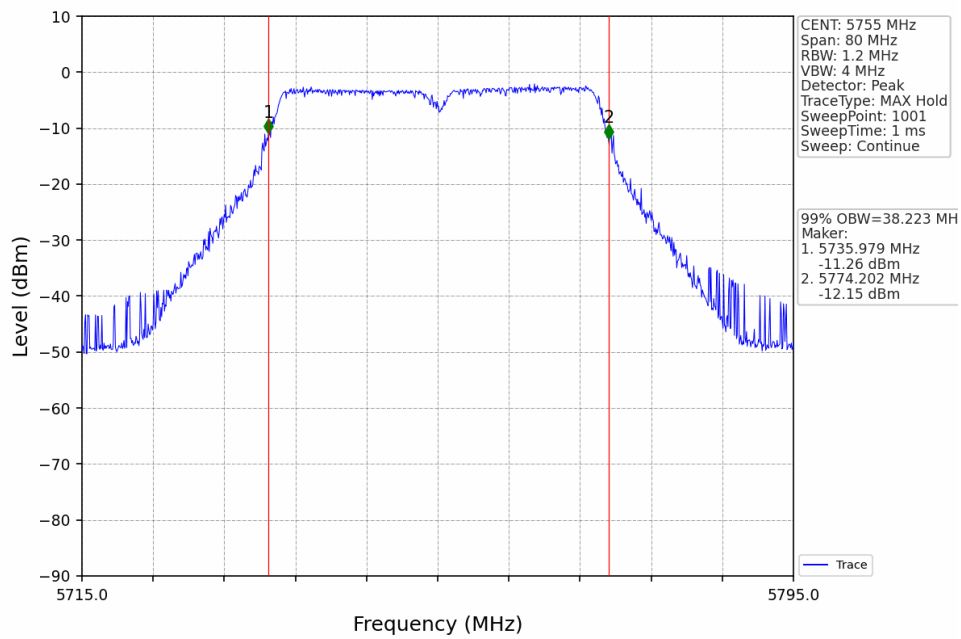
802.11n(HT20) MCH_5785MHz_Ant1_NTNV



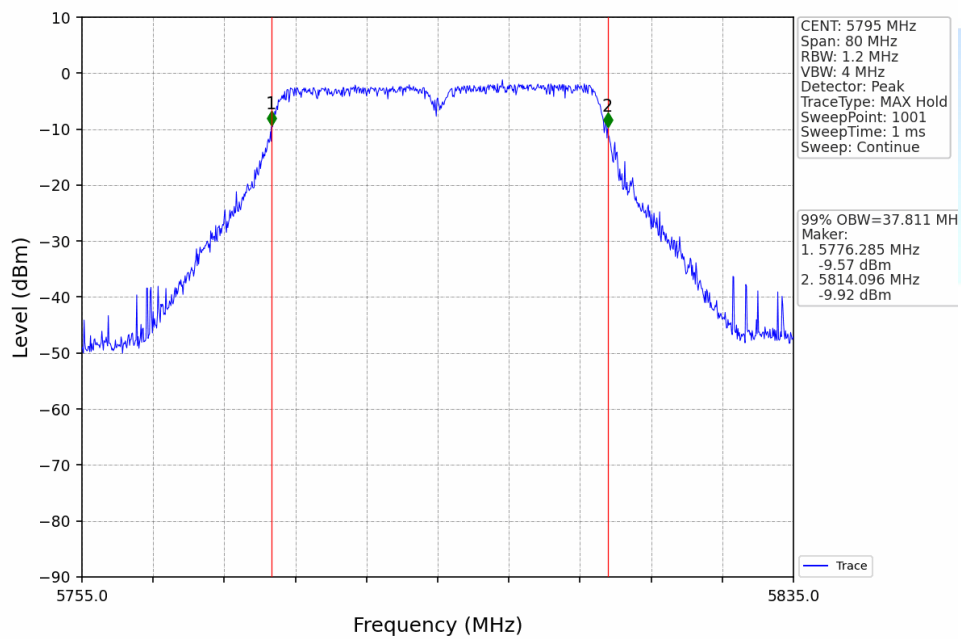
802.11n(HT20) HCH_5825MHz_Ant1_NTNV



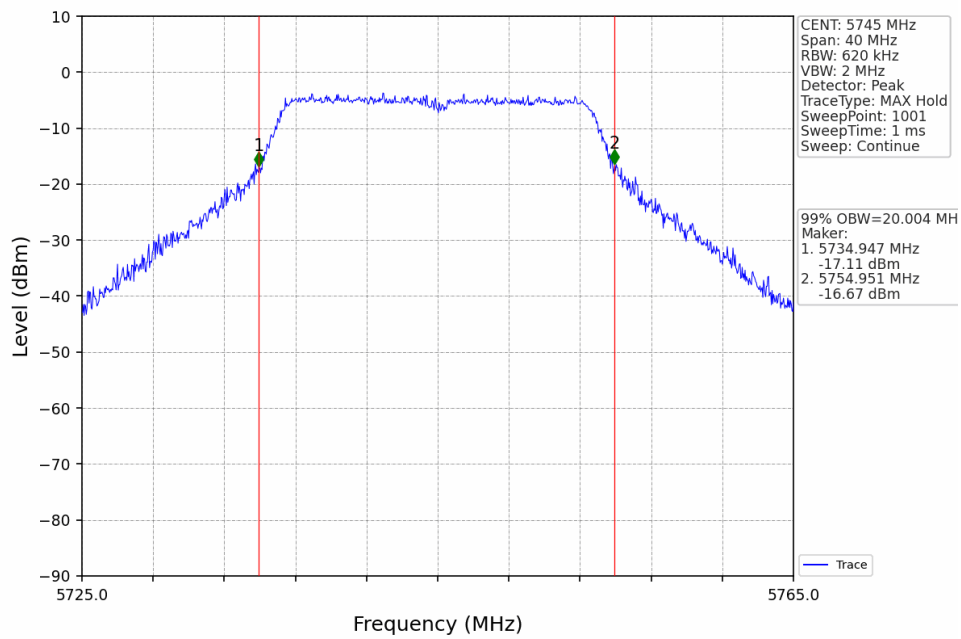
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



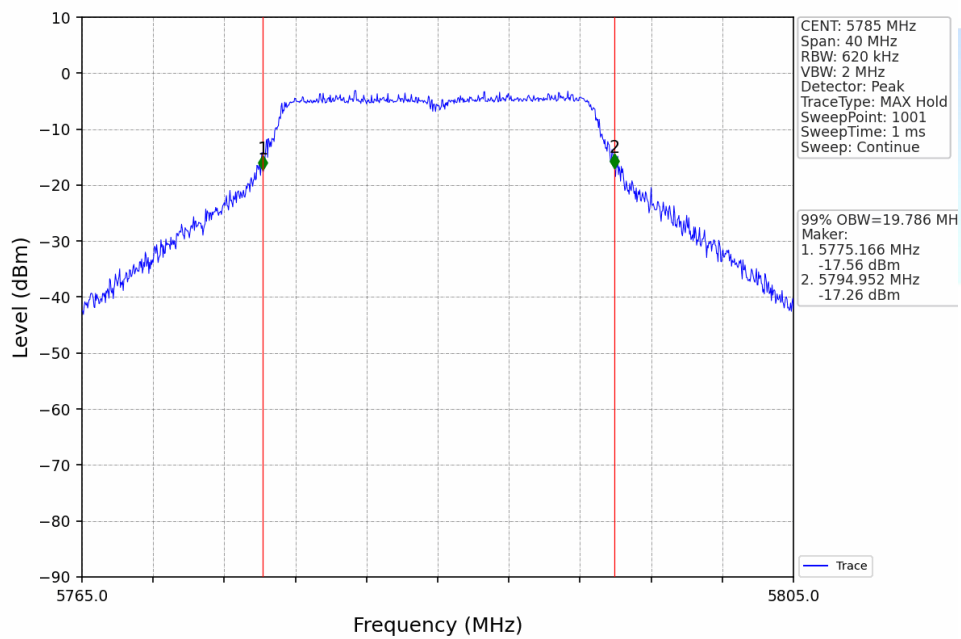
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



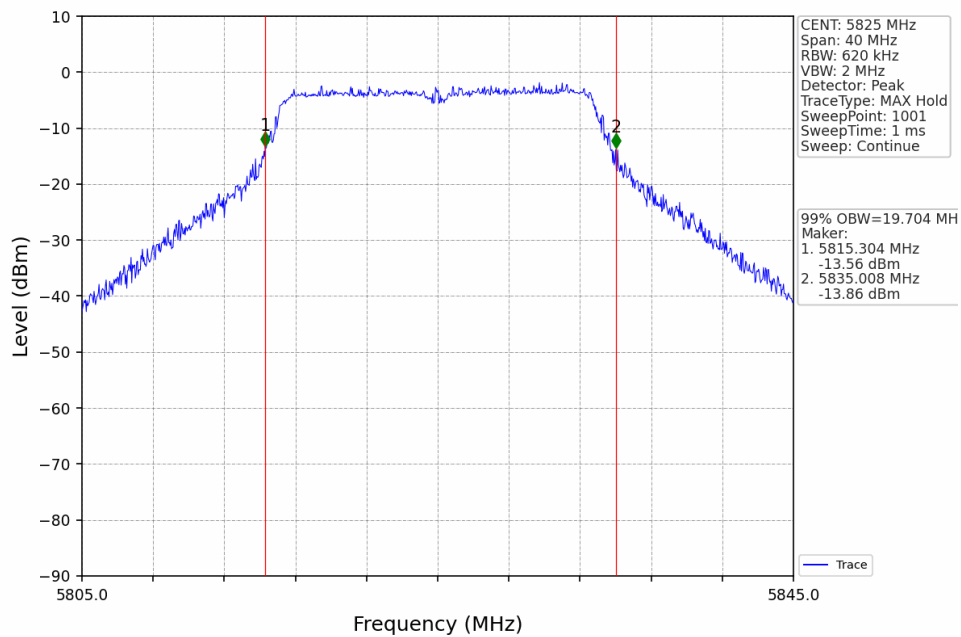
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



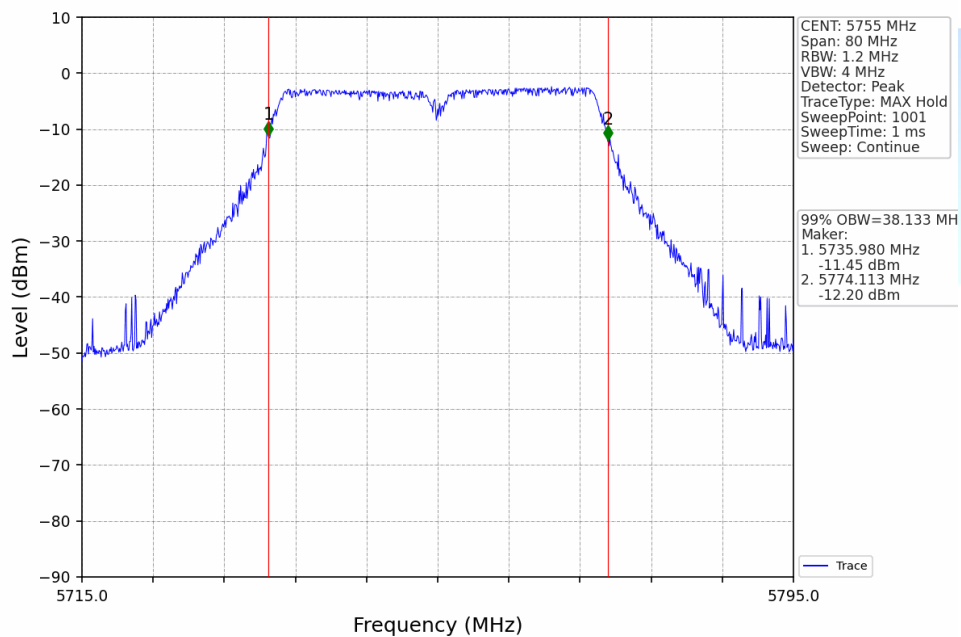
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



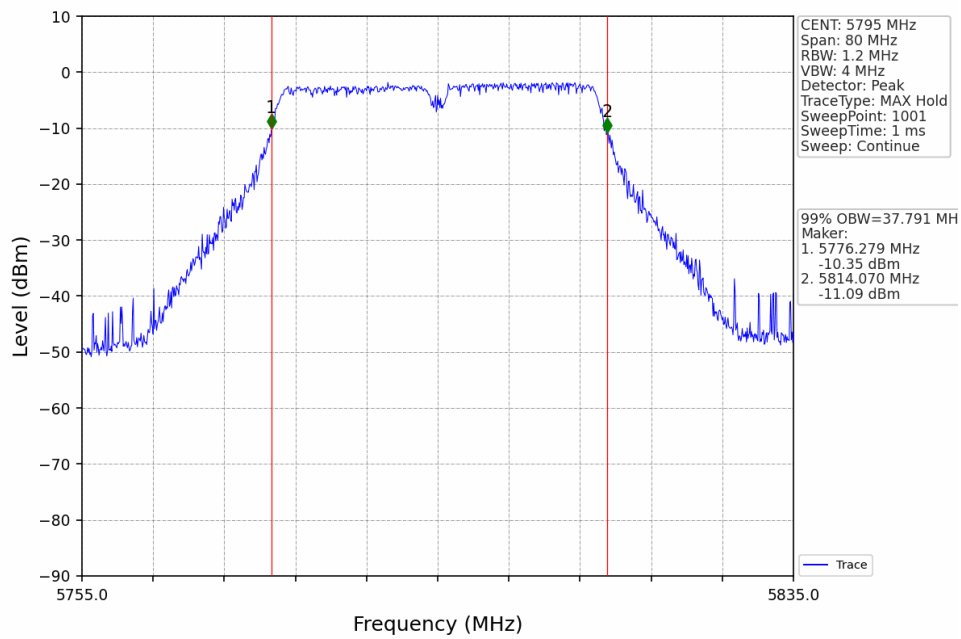
802.11ac(VHT20) HCH 5825MHz Ant1_NTNV



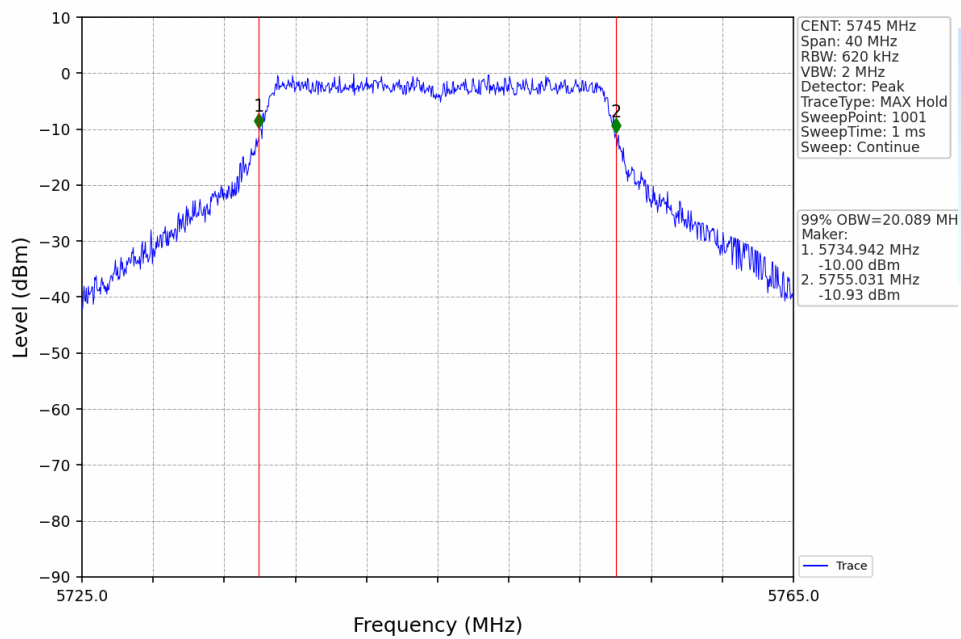
802.11ac(VHT40) LCH 5755MHz Ant1_NTNV



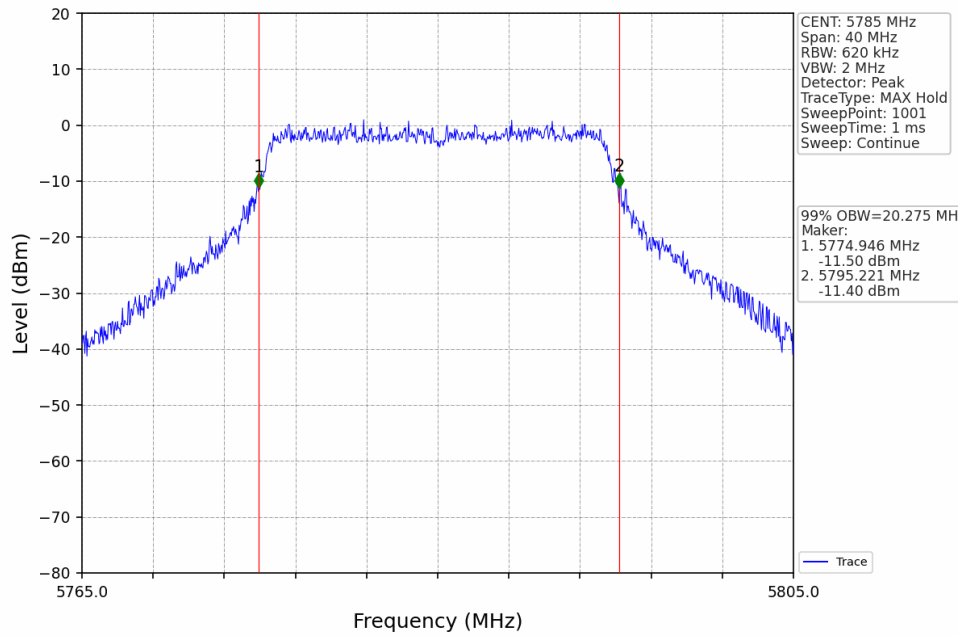
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



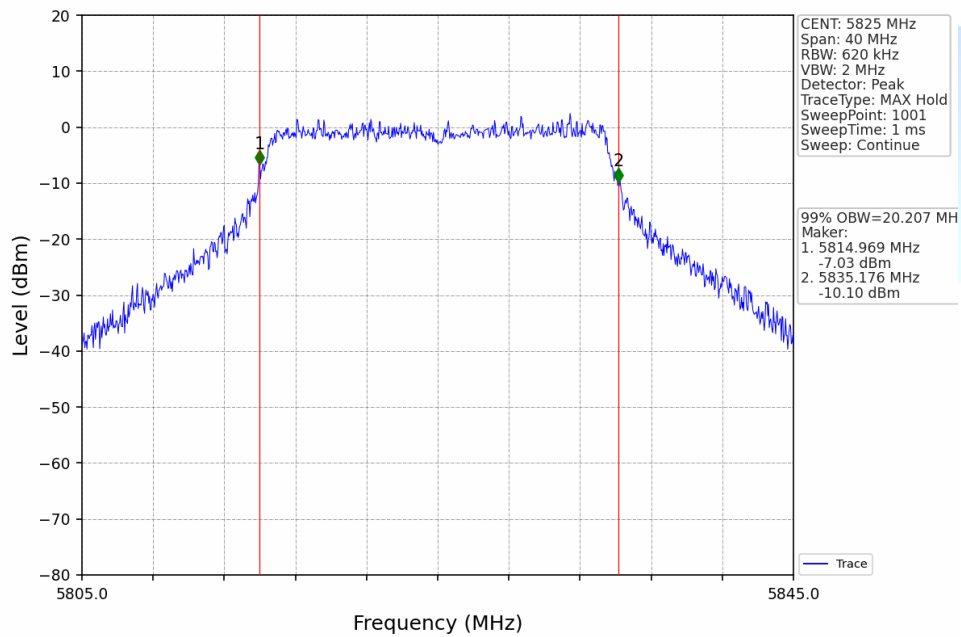
802.11ax(HEW20) LCH_5745MHz_RU242_Left_Ant1_NTNV



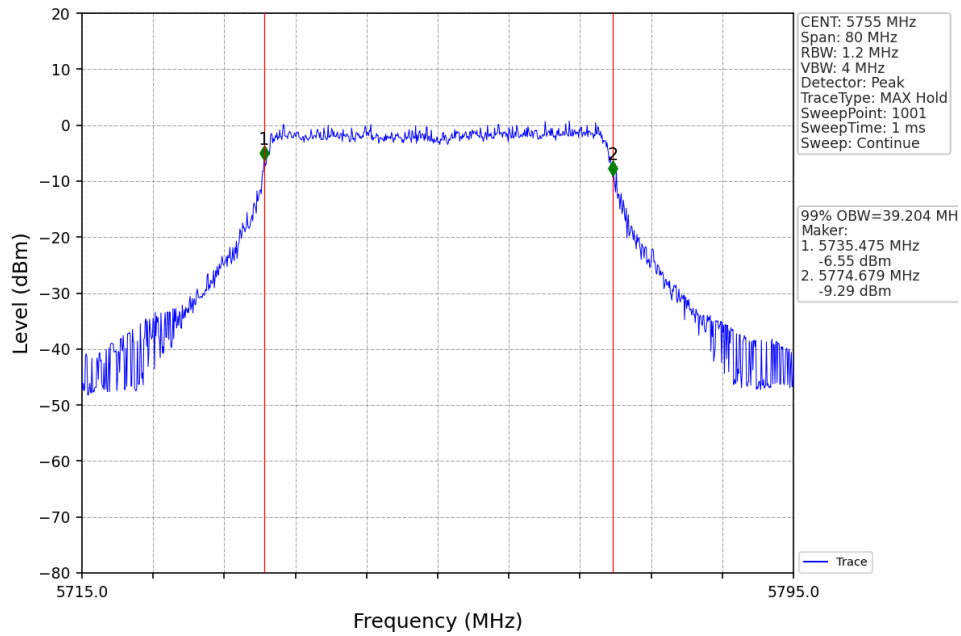
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



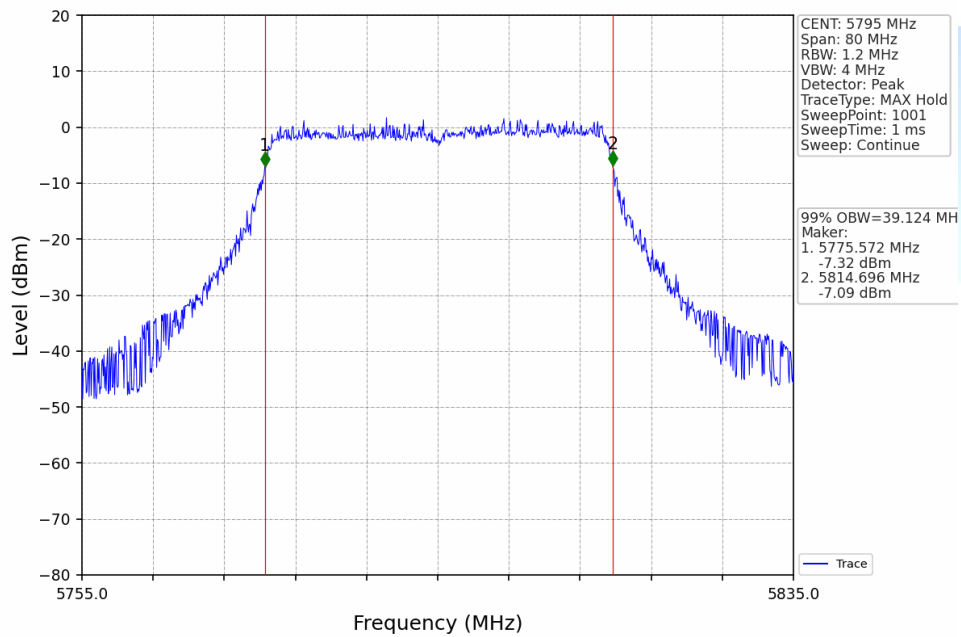
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



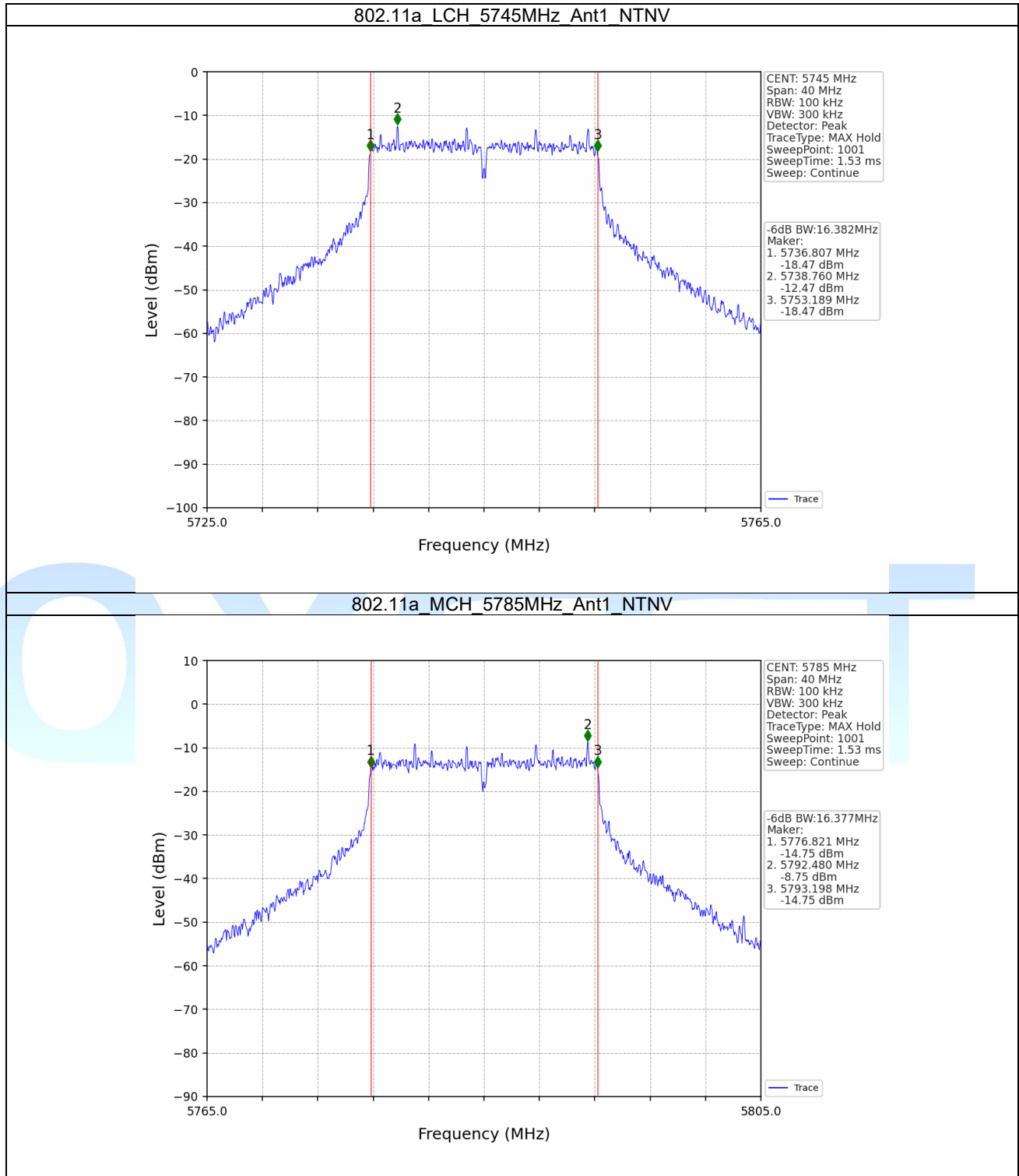
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



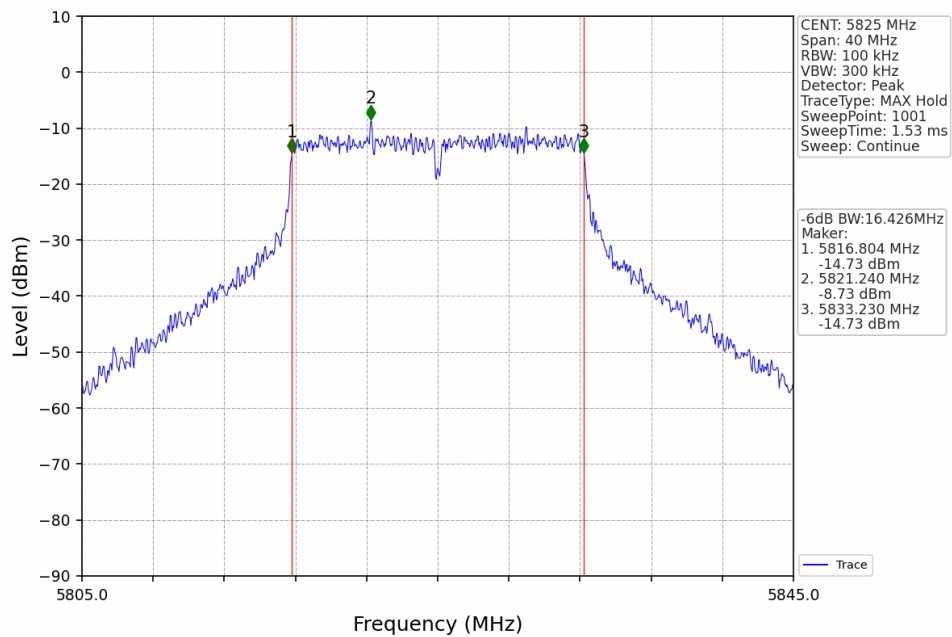
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



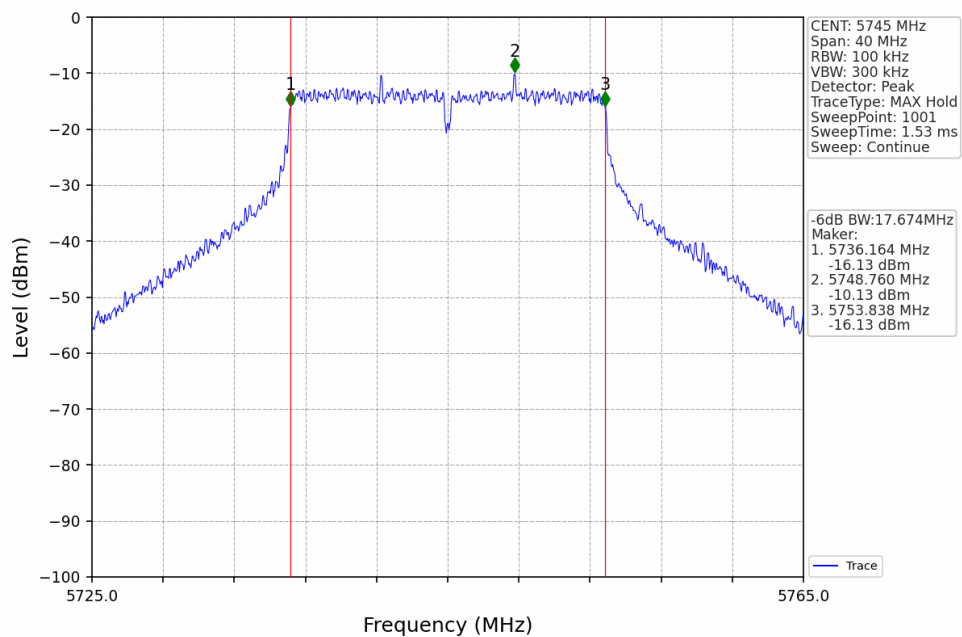
2.2.2 6dB BW



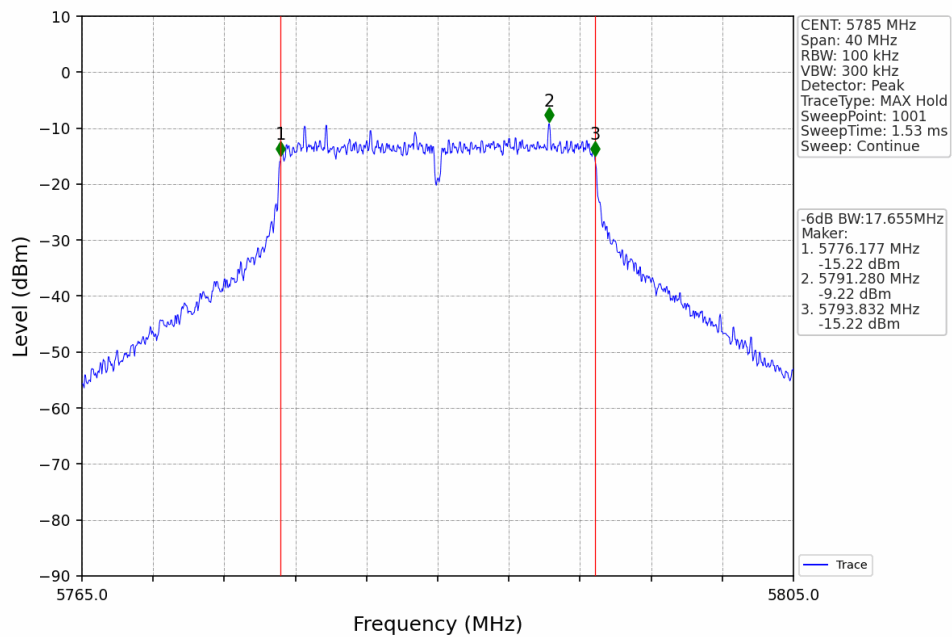
802.11a_HCH_5825MHz_Ant1_NTNV



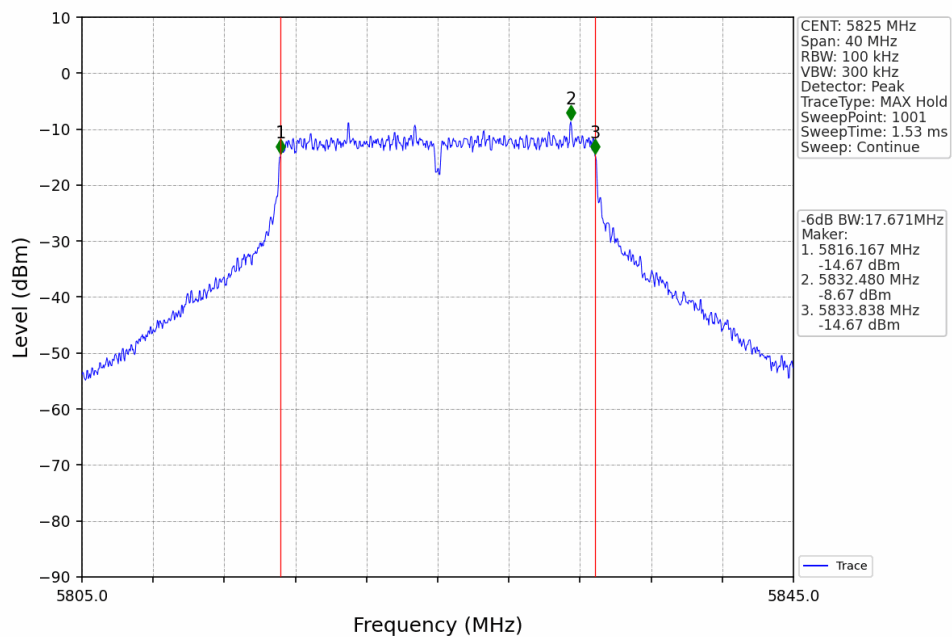
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



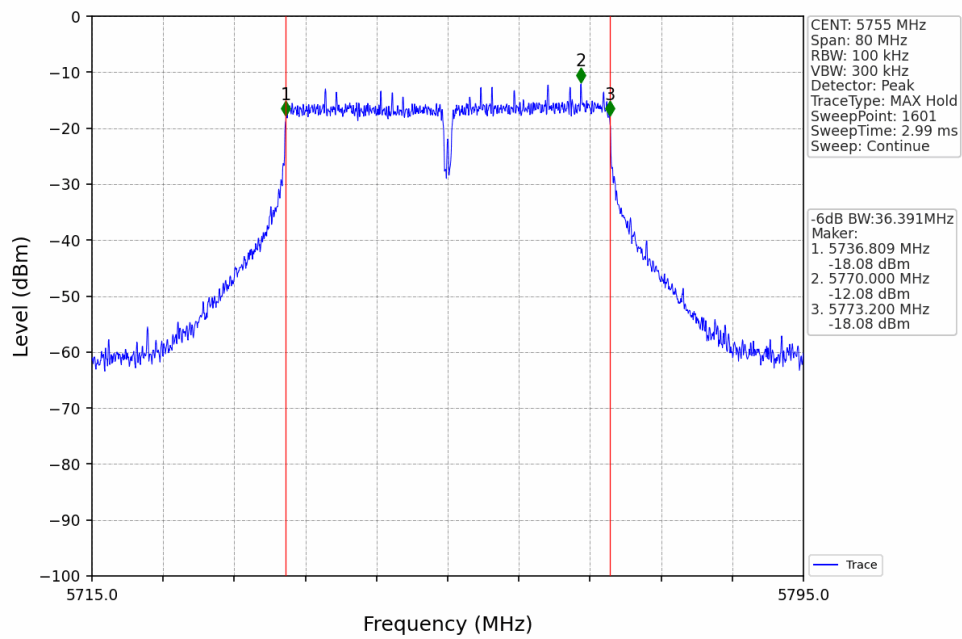
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



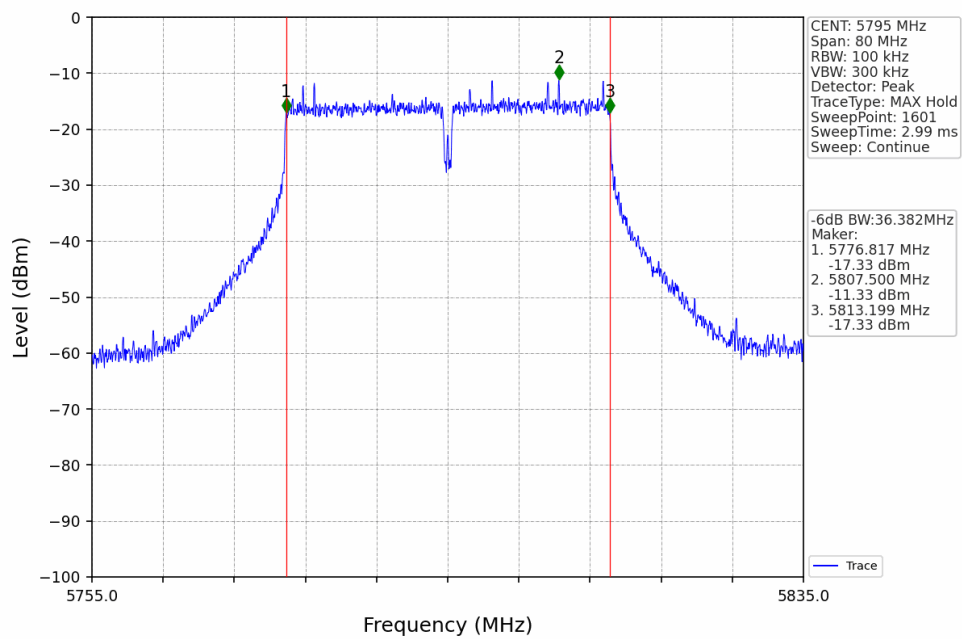
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



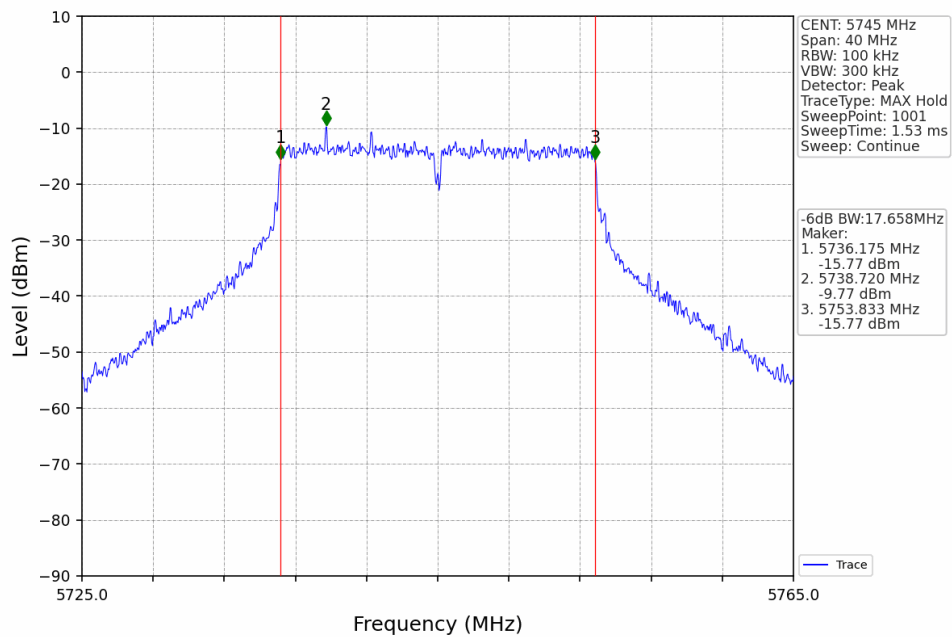
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



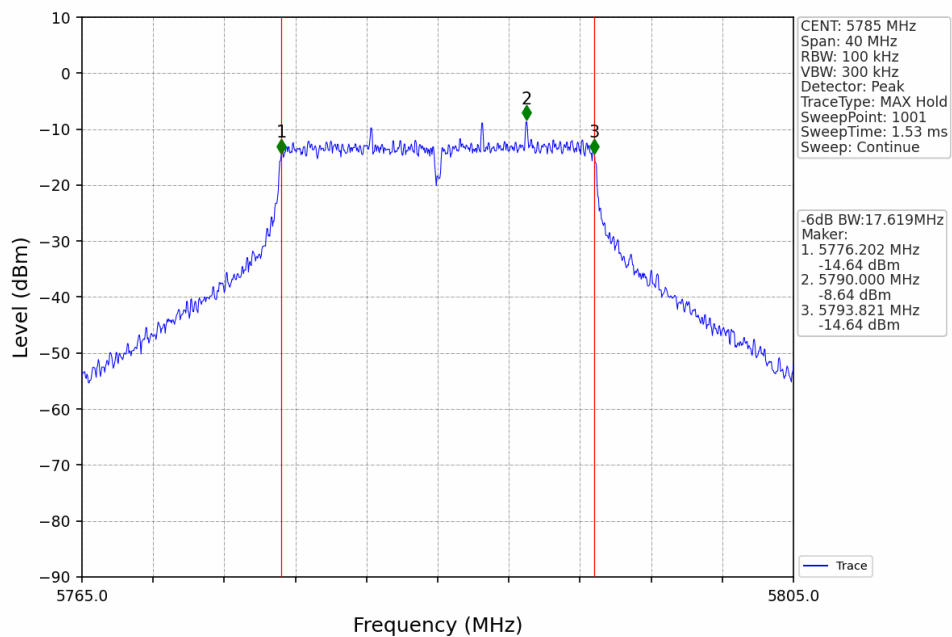
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



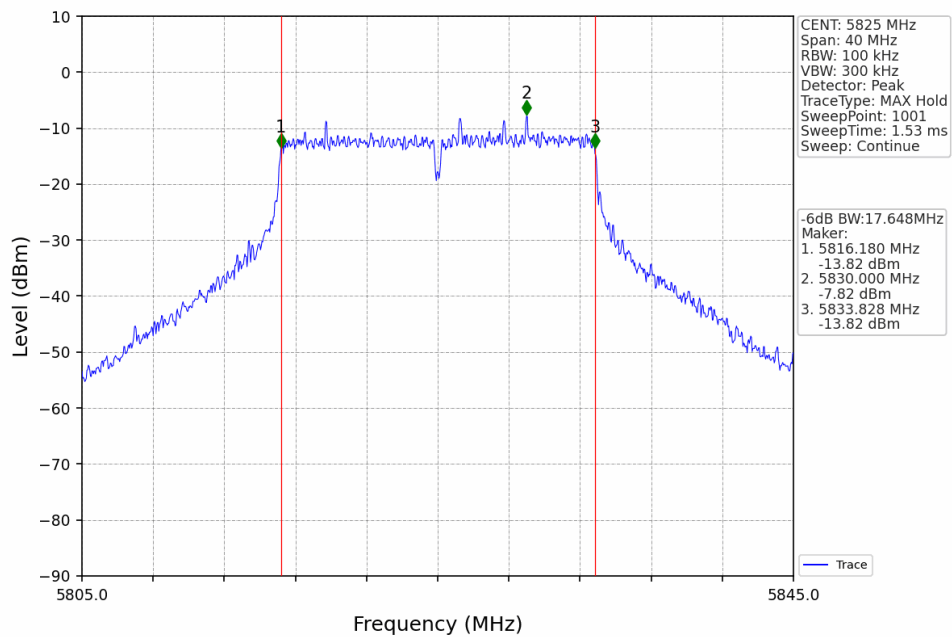
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



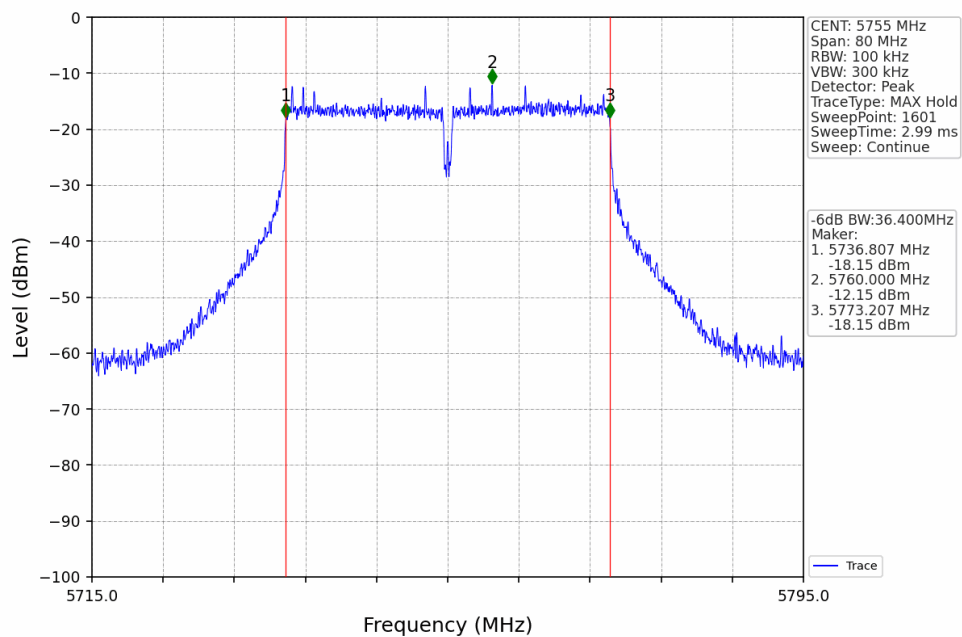
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



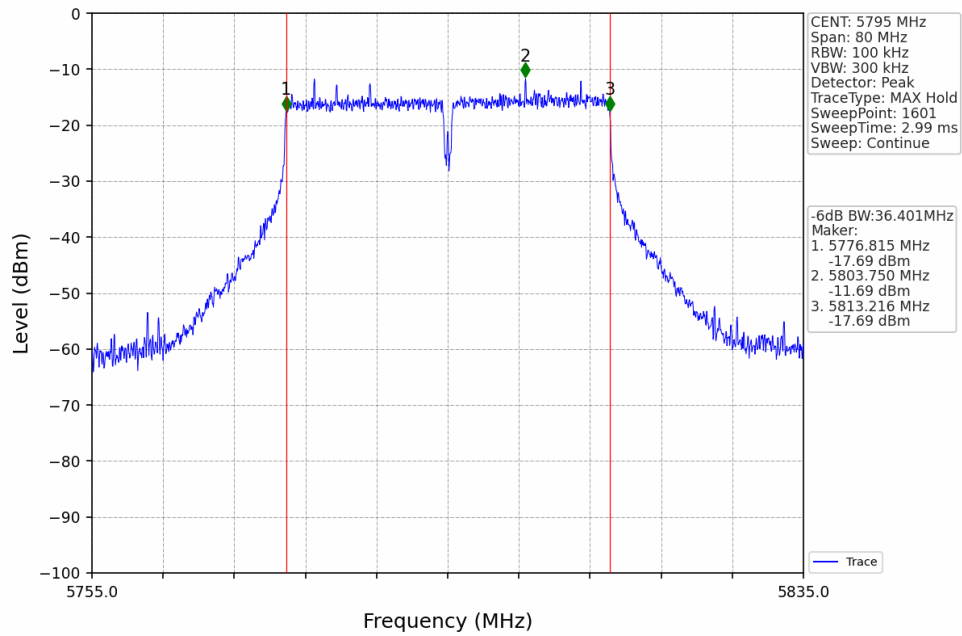
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



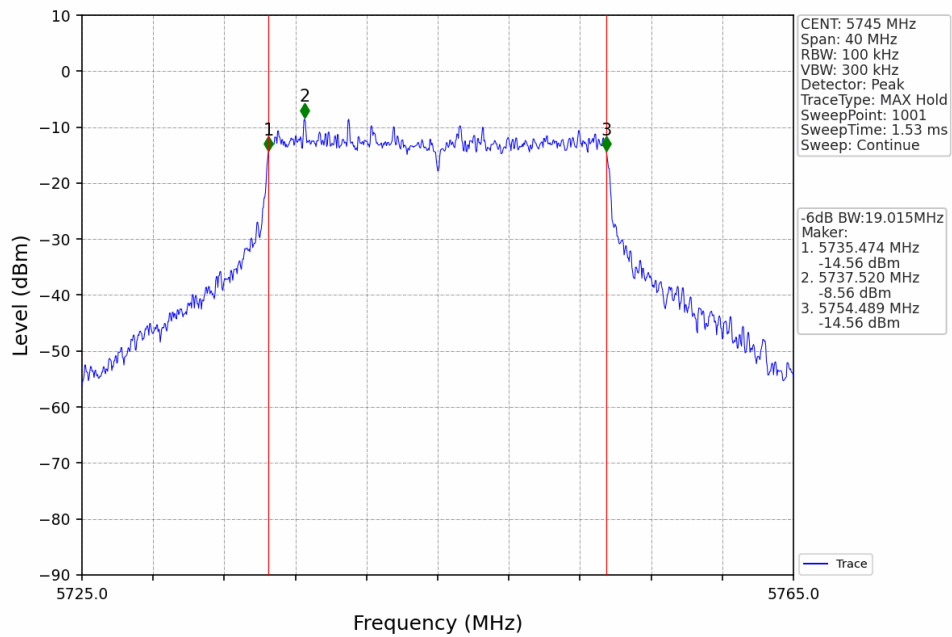
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



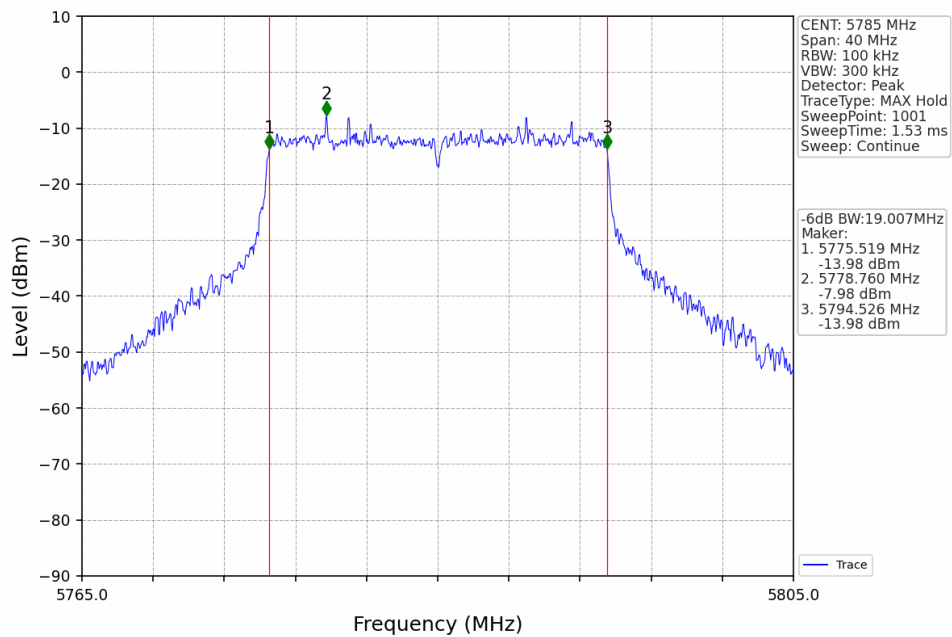
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



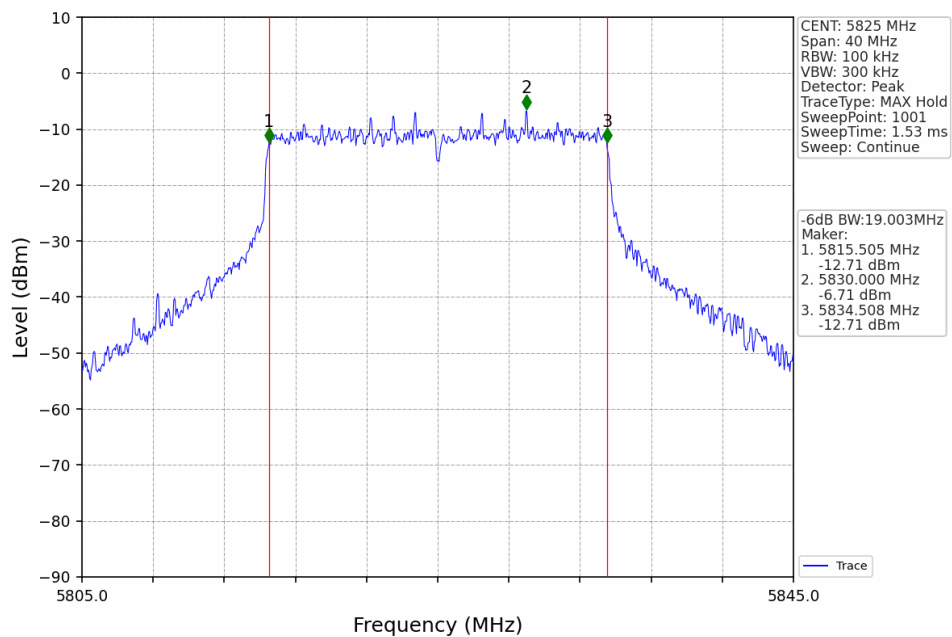
802.11ax(HEW20) LCH_5745MHz_RU242_Left_Ant1_NTNV



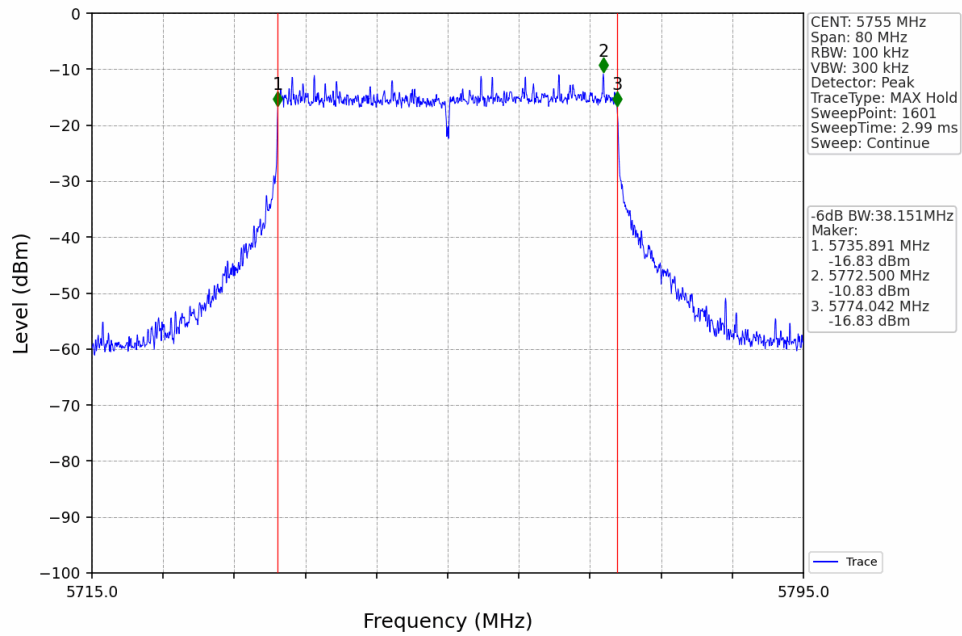
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



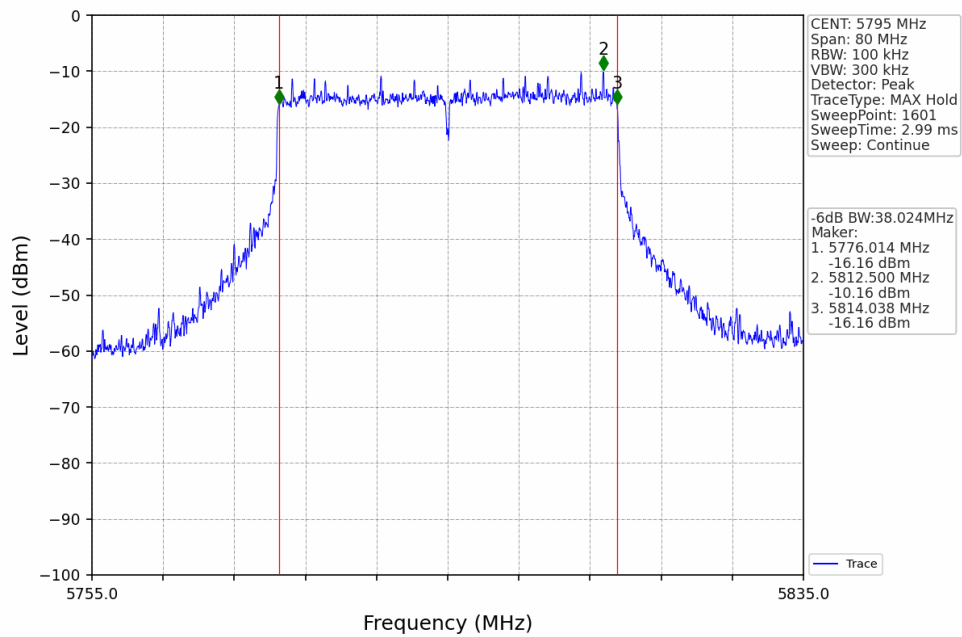
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_RU484_Left_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	/	/	-0.20	<=30	Pass
		5785	/	/	2.88	<=30	Pass
		5825	/	/	4.21	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	2.02	<=30	Pass
		5785	/	/	3.01	<=30	Pass
		5825	/	/	4.39	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	2.71	<=30	Pass
		5795	/	/	3.41	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	2.44	<=30	Pass
		5785	/	/	3.21	<=30	Pass
		5825	/	/	4.38	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	2.71	<=30	Pass
		5795	/	/	3.39	<=30	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	3.69	<=30	Pass
		5785	RU242	Left	3.86	<=30	Pass
		5825	RU242	Left	4.47	<=30	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	3.62	<=30	Pass
		5795	RU484	Left	4.16	<=30	Pass

Note1: Antenna Gain: Ant1: 2.36dBi;

4. Maximum Power Spectral Density

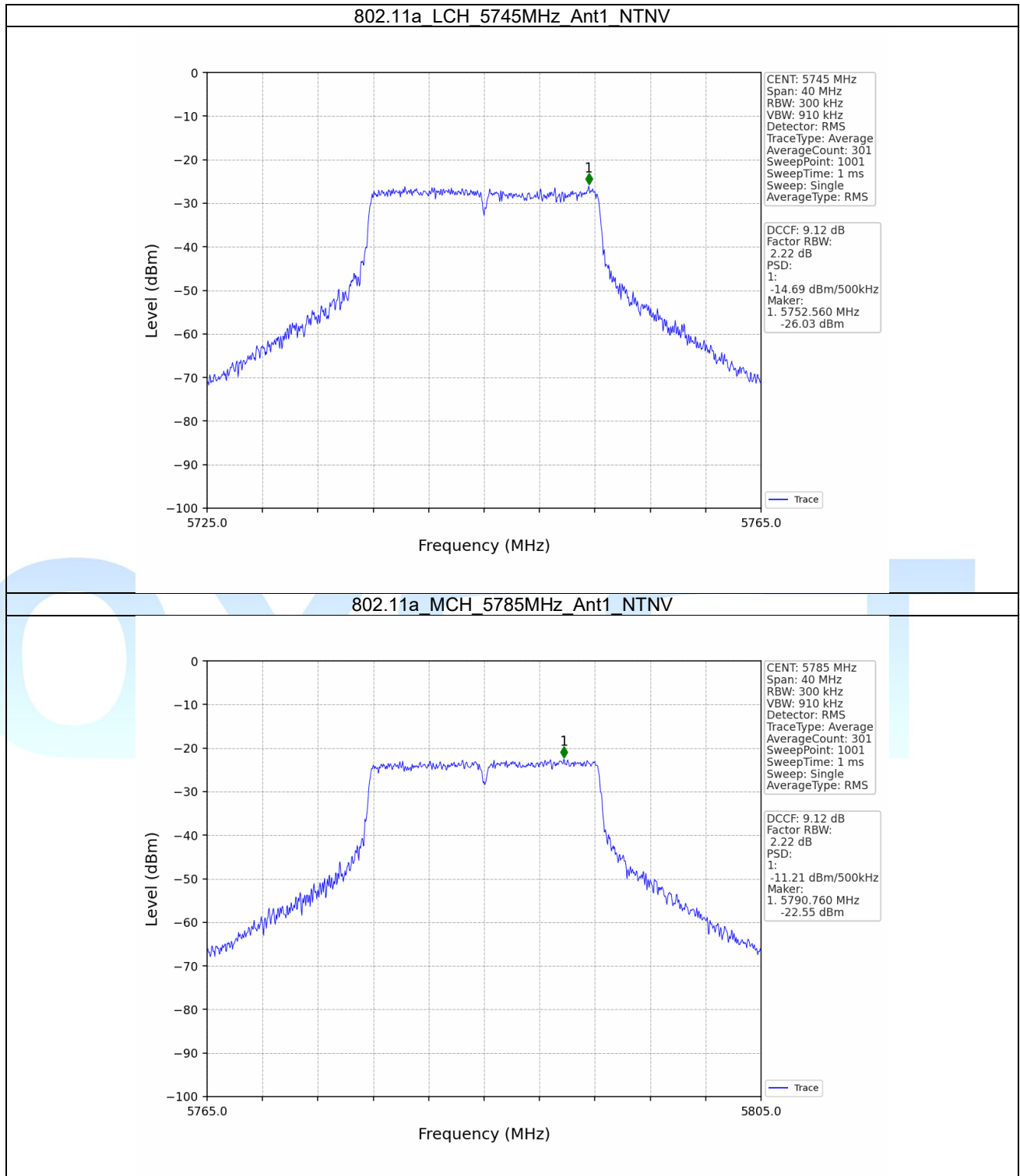
4.1 Test Result

4.1.1 PSD-Band3

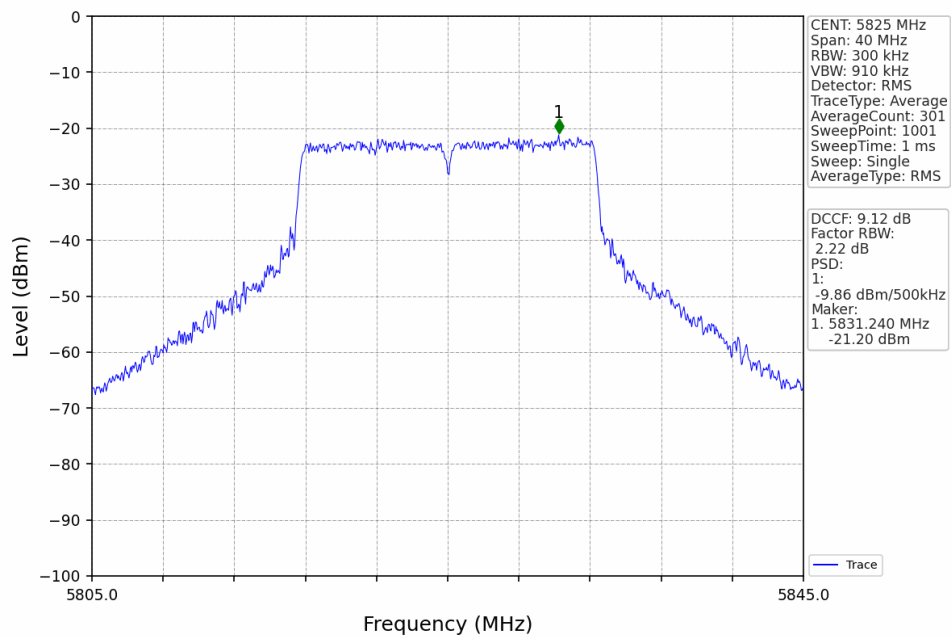
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-14.69	<=30	Pass
		5785	/	/	-11.21	<=30	Pass
		5825	/	/	-9.86	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-12.03	<=30	Pass
		5785	/	/	-11.62	<=30	Pass
		5825	/	/	-9.81	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-14.80	<=30	Pass
		5795	/	/	-14.00	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-12.07	<=30	Pass
		5785	/	/	-11.80	<=30	Pass
		5825	/	/	-10.31	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-14.90	<=30	Pass
		5795	/	/	-13.79	<=30	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	-11.19	<=30	Pass
		5785	RU242	Left	-10.40	<=30	Pass
		5825	RU242	Left	-9.13	<=30	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	-13.66	<=30	Pass
		5795	RU484	Left	-12.91	<=30	Pass
Note1: Antenna Gain: Ant1: 2.36dBi;							
Note2: Test result contains DCCF and RBW Factor(=10*log(500kHz/300kHz)=2.22)							

4.2 Test Graph

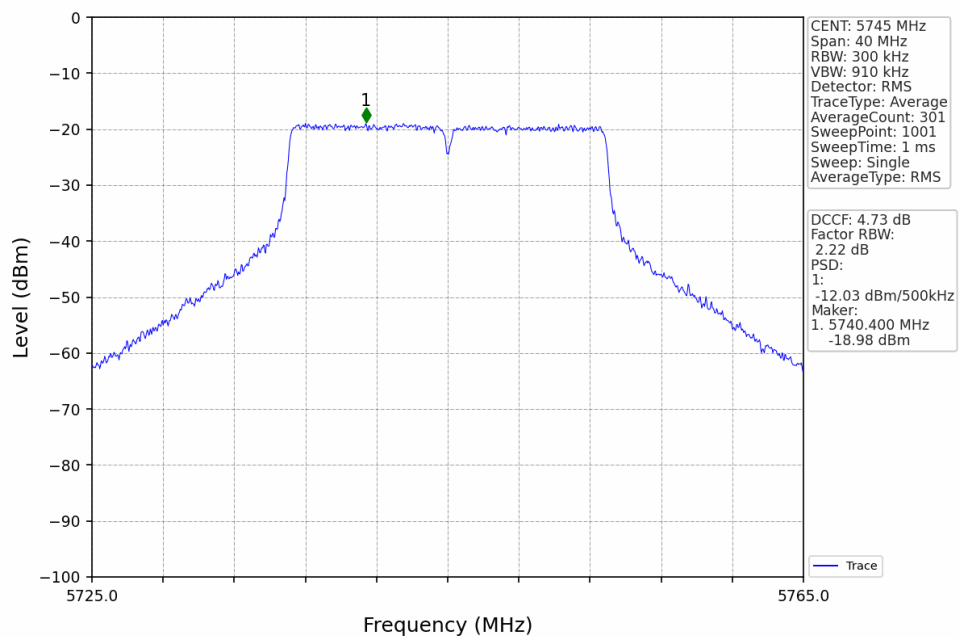
4.2.1 PSD-Band3



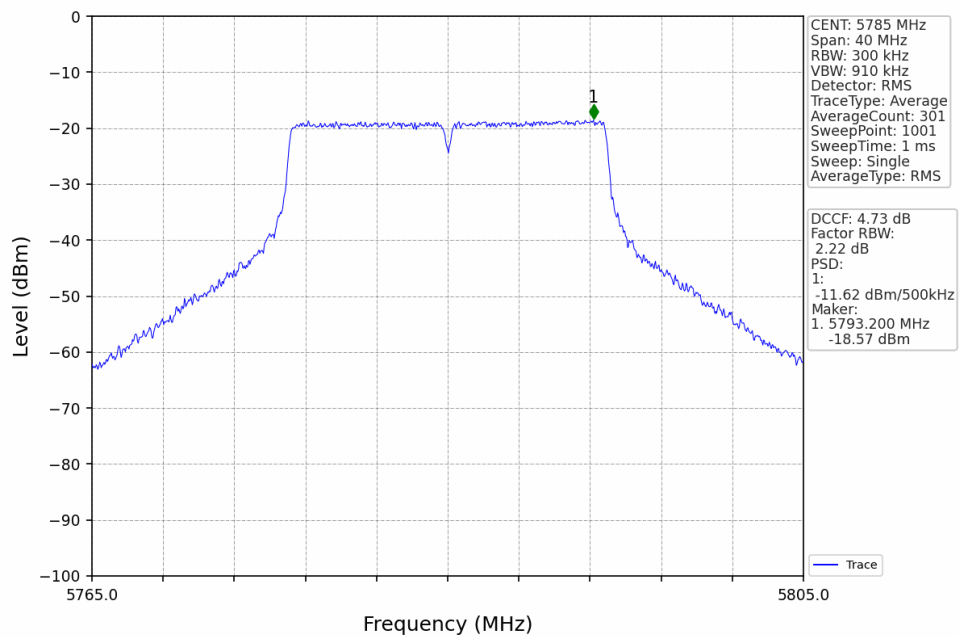
802.11a_HCH_5825MHz_Ant1_NTNV



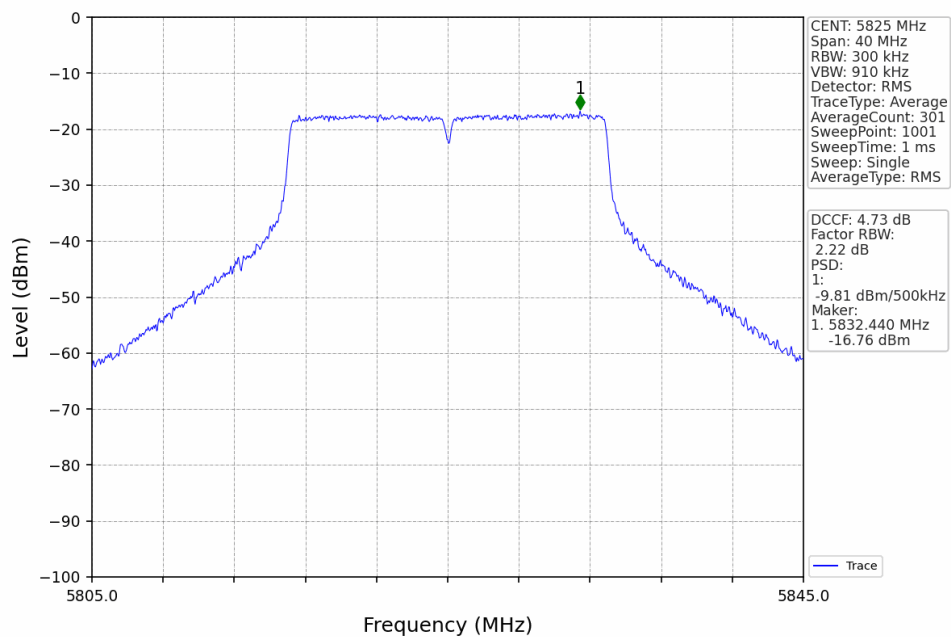
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



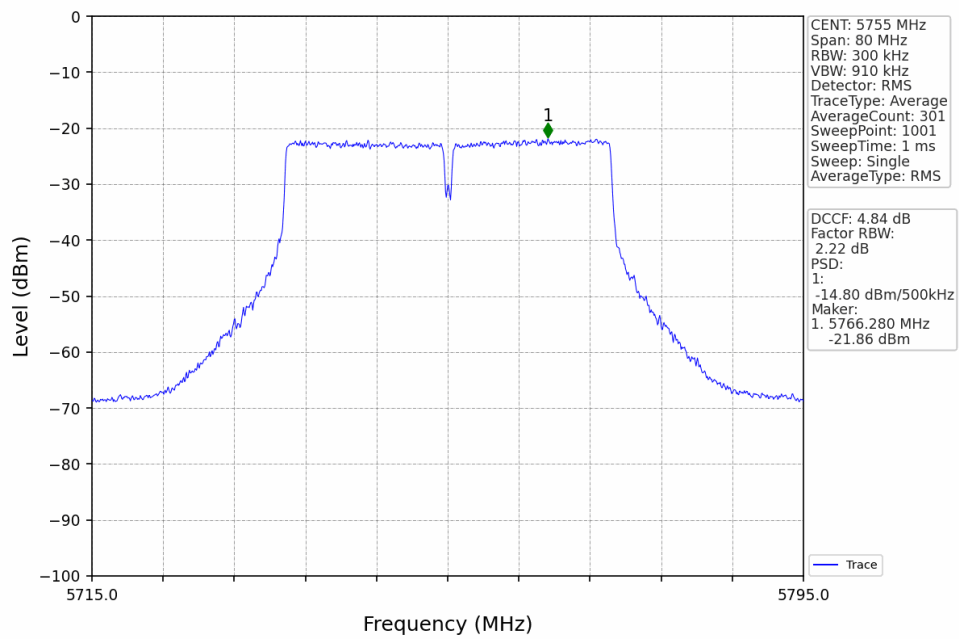
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



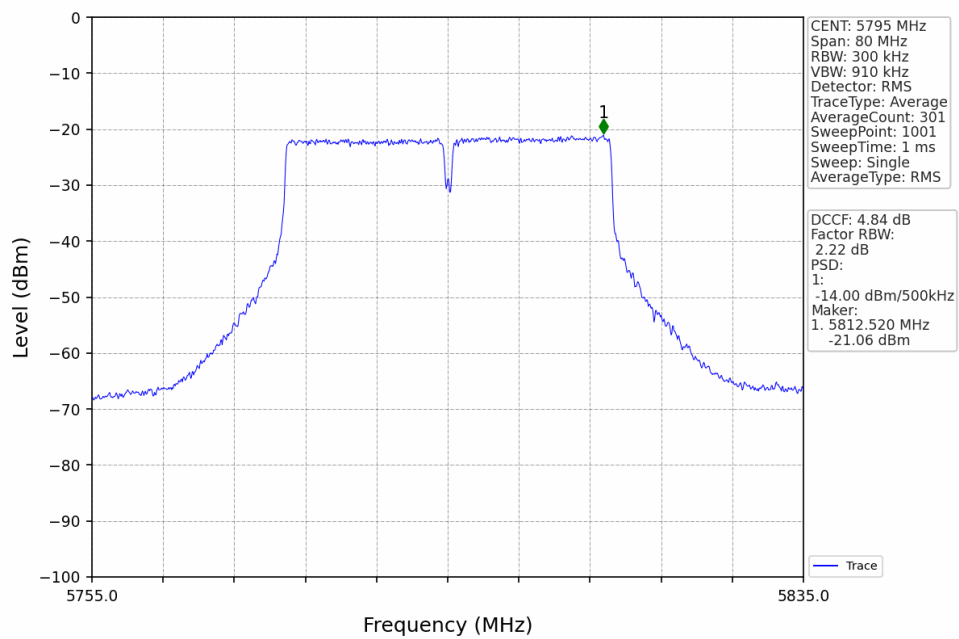
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



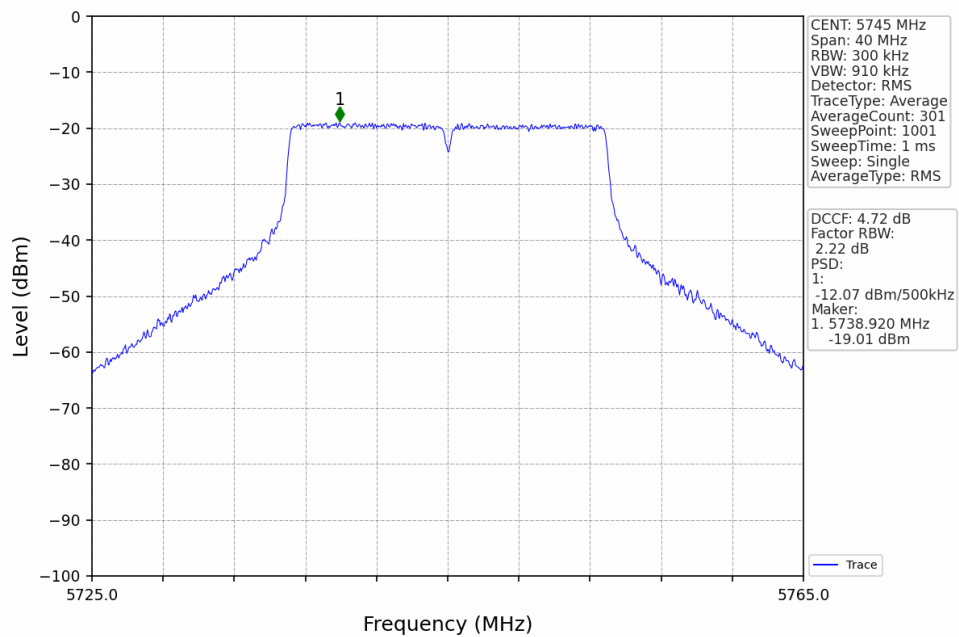
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



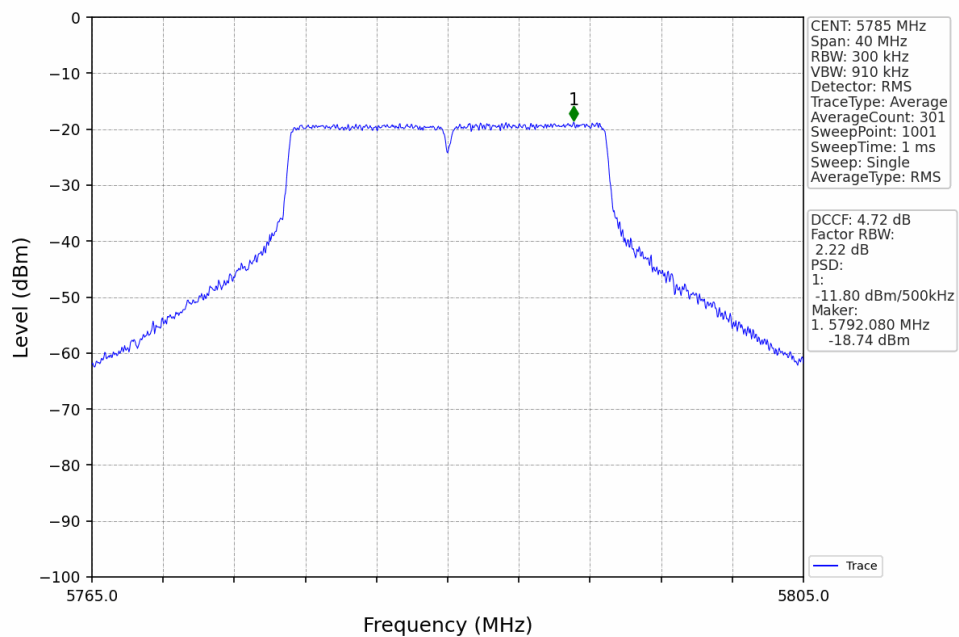
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



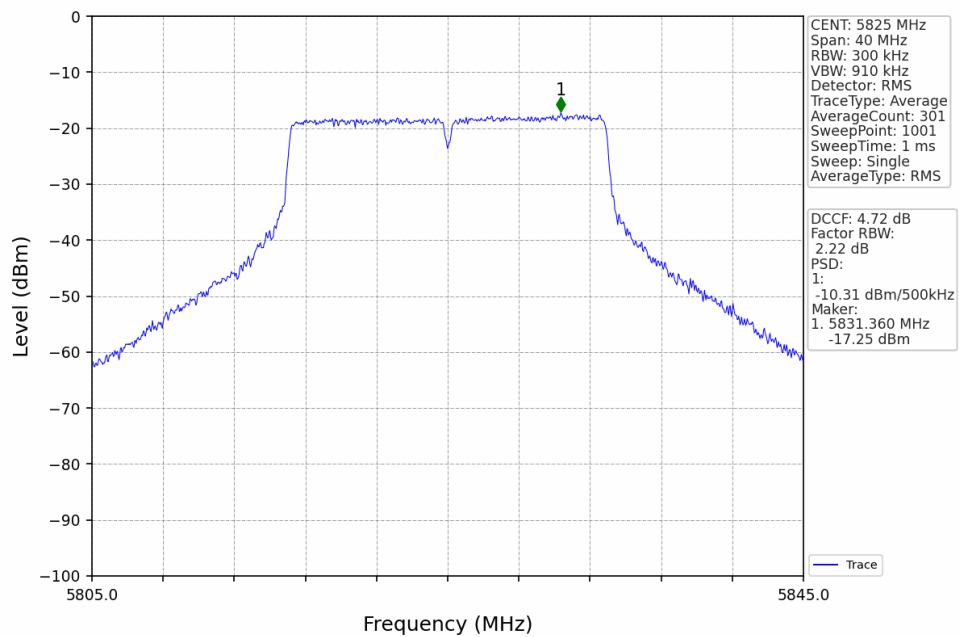
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



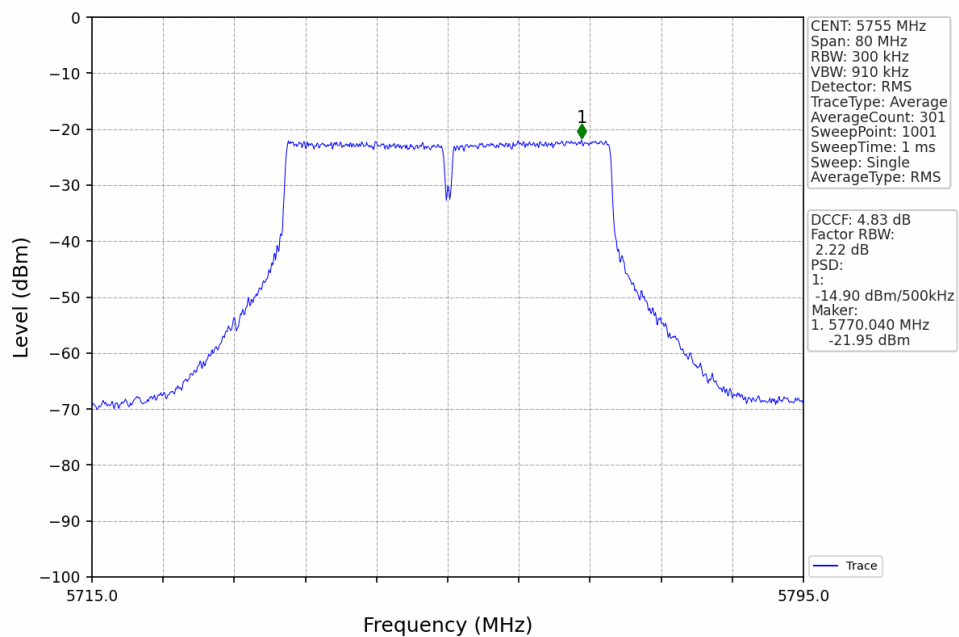
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



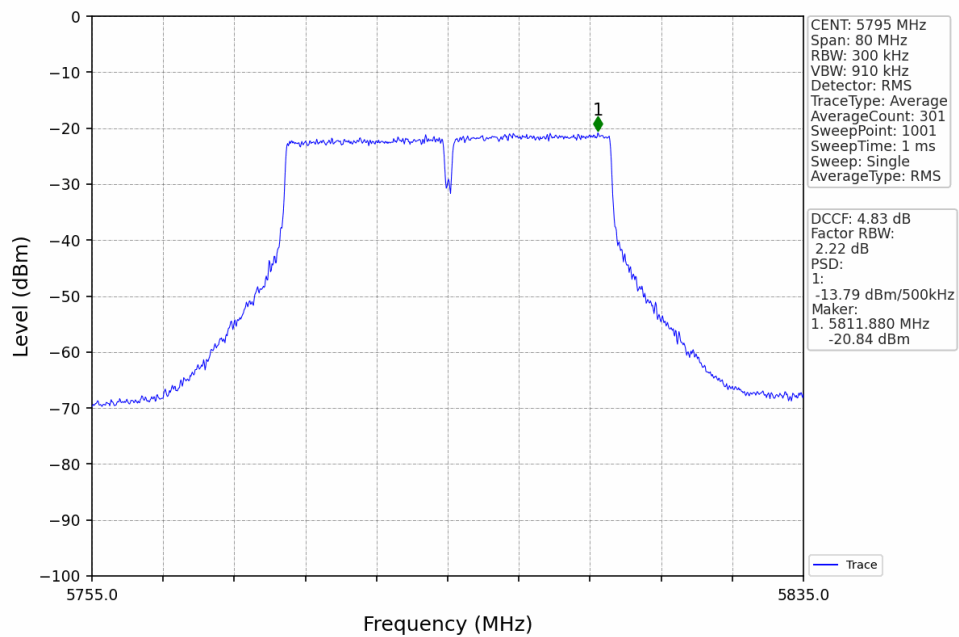
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



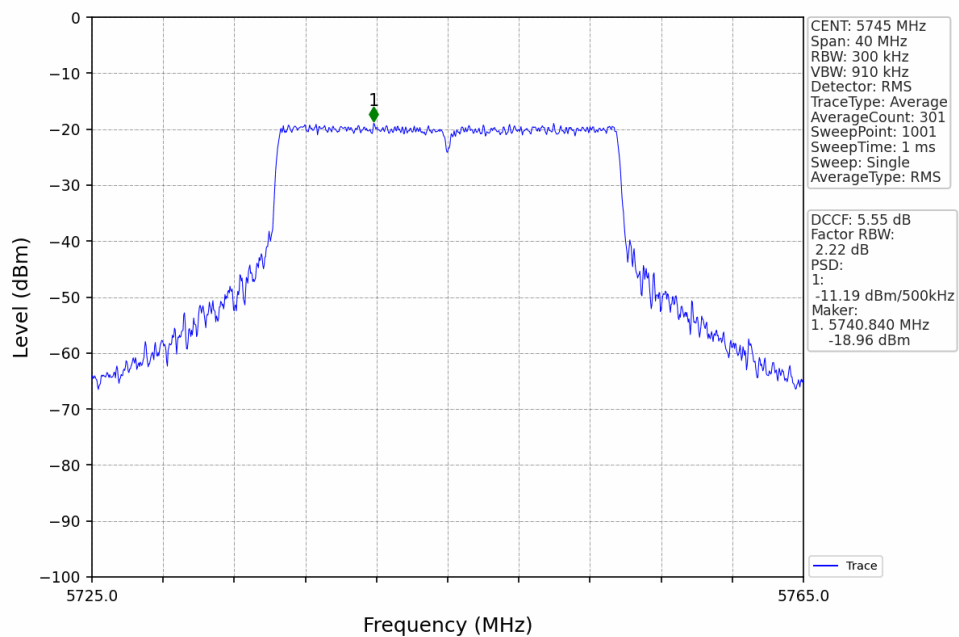
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



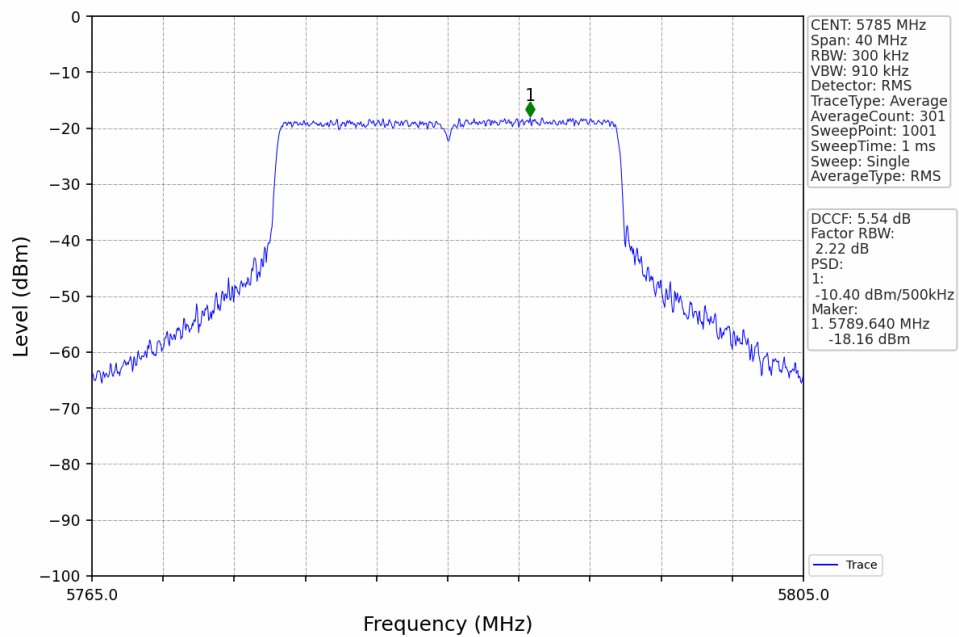
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



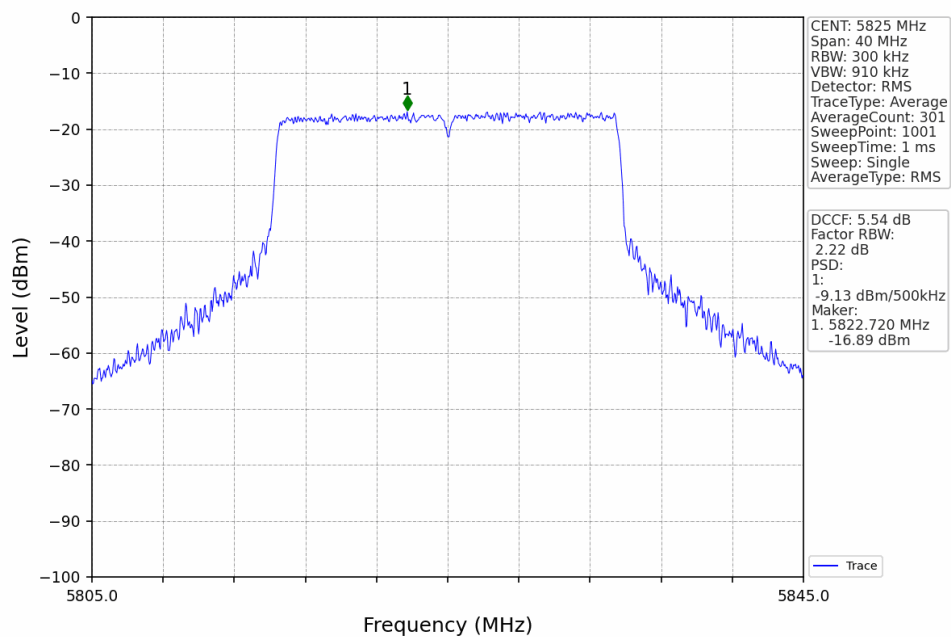
802.11ax(HEW20) LCH_5745MHz_RU242_Left_Ant1_NTNV



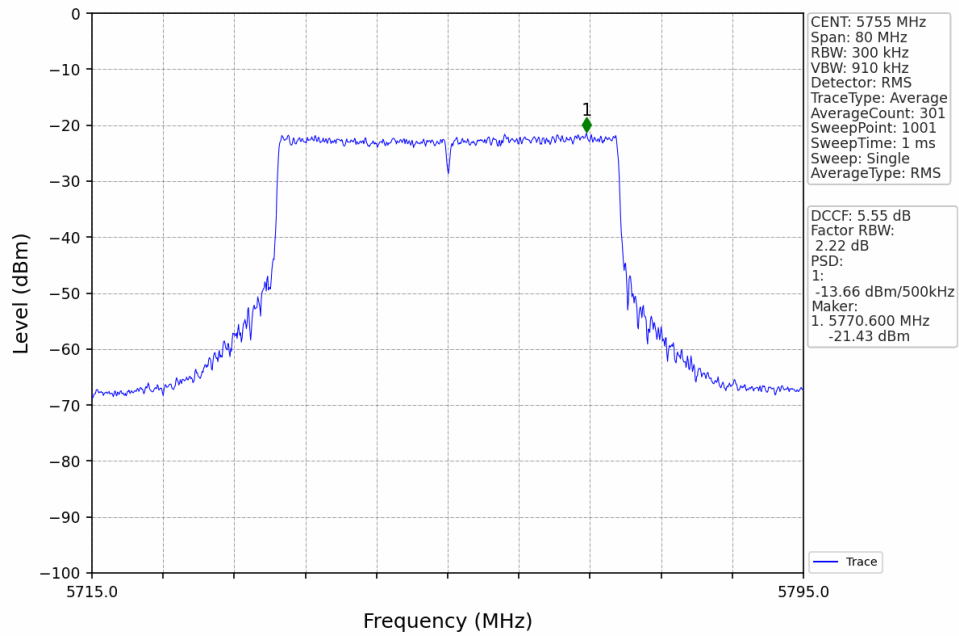
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



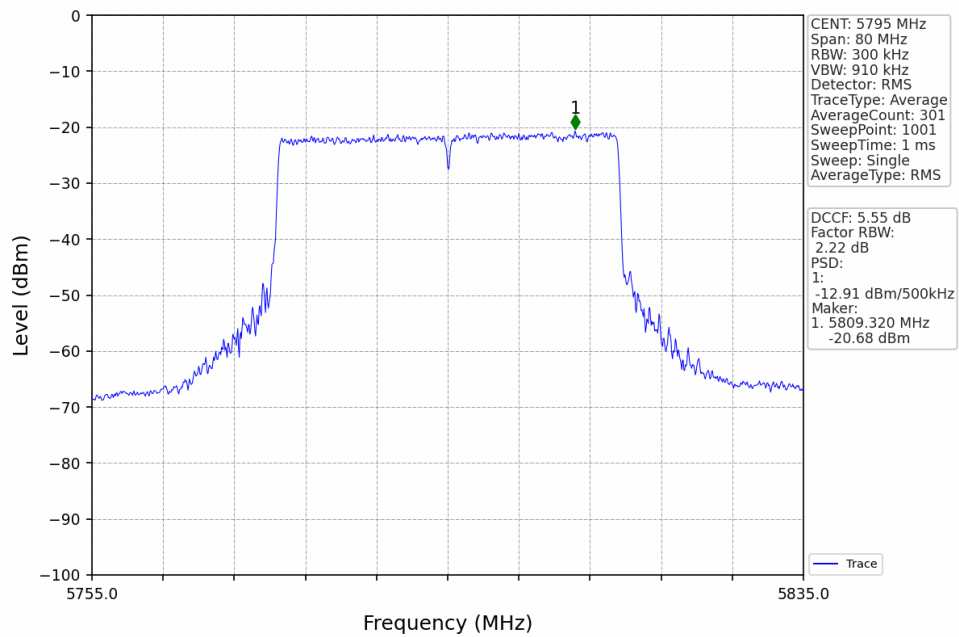
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

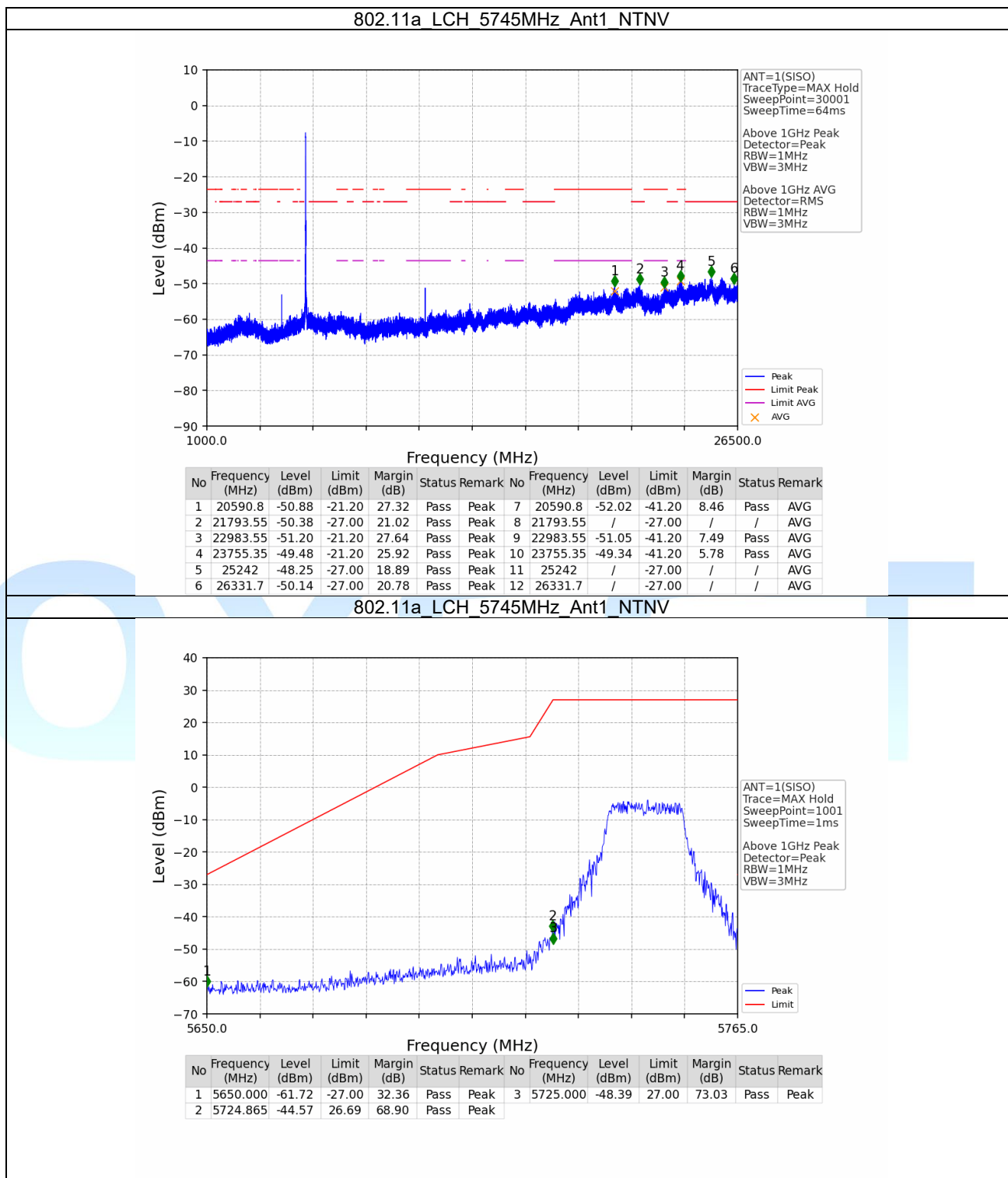
5.1 Test Result

5.1.1 RSE

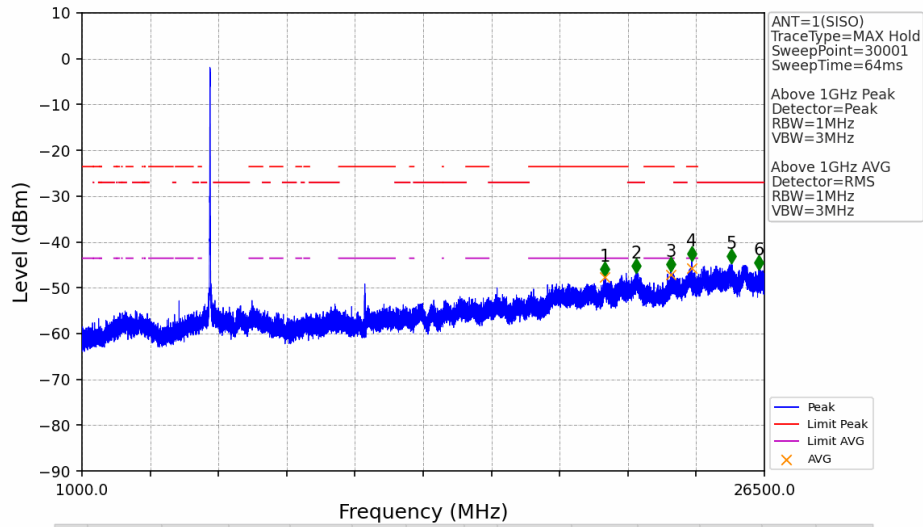
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5745	/	/	1	Refer To Test Graph		Pass
		5785	/	/	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
802.11ax (HEW20)	SISO	5745	RU242	Left	1	Refer To Test Graph		Pass
		5785	RU242	Left	1	Refer To Test Graph		Pass
		5825	RU242	Left	1	Refer To Test Graph		Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	1	Refer To Test Graph		Pass
		5795	RU484	Left	1	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 RSE

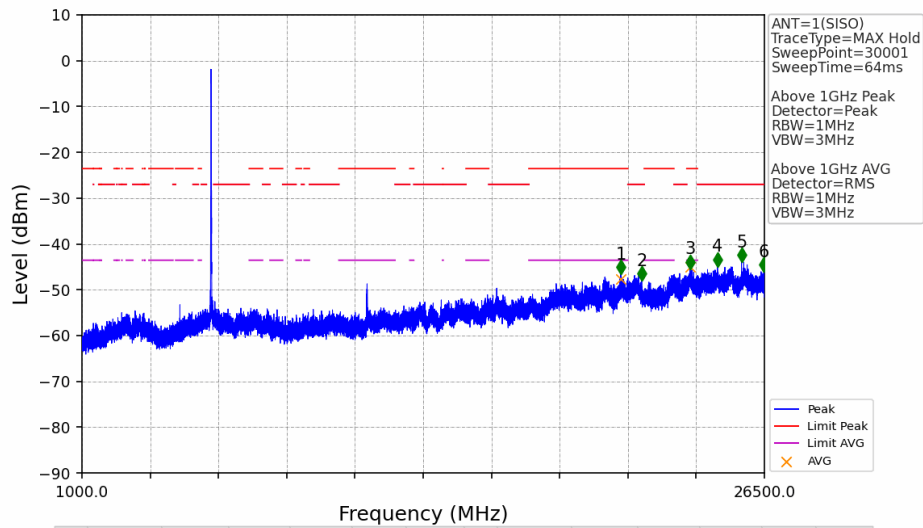


802.11a_MCH_5785MHz_Ant1_NTNV



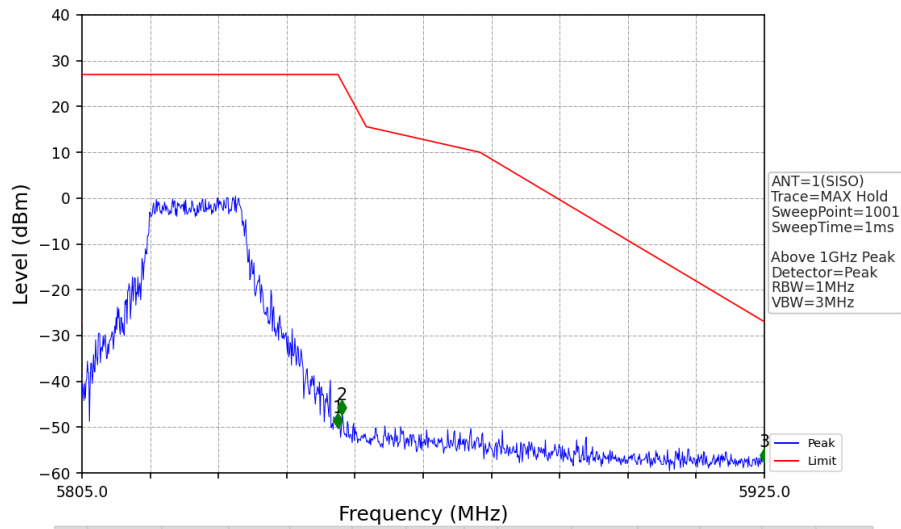
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20538.95	-47.46	-21.20	23.90	Pass	Peak	7	20538.95	-47.74	-41.20	4.18	Pass	AVG
2	21700.9	-46.76	-27.00	17.40	Pass	Peak	8	21700.9	/	-27.00	/	/	AVG
3	23000.55	-46.47	-21.20	22.91	Pass	Peak	9	23000.55	-47.20	-41.20	3.63	Pass	AVG
4	23786.8	-44.21	-21.20	20.65	Pass	Peak	10	23786.8	-45.79	-41.20	2.23	Pass	AVG
5	25253.9	-44.63	-27.00	15.27	Pass	Peak	11	25253.9	/	-27.00	/	/	AVG
6	26290.9	-46.05	-27.00	16.69	Pass	Peak	12	26290.9	/	-27.00	/	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV

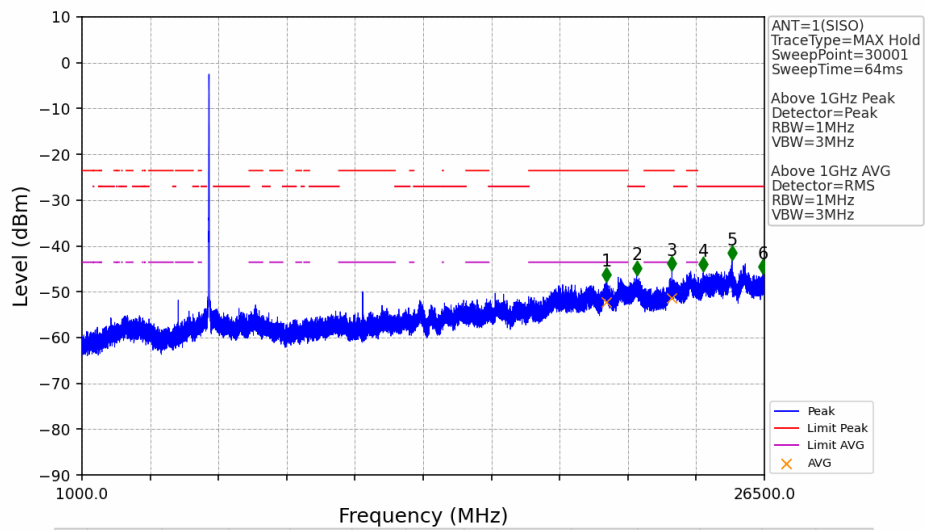


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21133.95	-46.61	-21.20	23.05	Pass	Peak	7	21133.95	-47.69	-41.20	4.13	Pass	AVG
2	21914.25	-48.08	-27.00	18.71	Pass	Peak	8	21914.25	/	-27.00	/	/	AVG
3	23715.4	-45.46	-21.20	21.90	Pass	Peak	9	23715.4	-45.10	-41.20	1.54	Pass	AVG
4	24748.15	-44.94	-27.00	15.58	Pass	Peak	10	24748.15	/	-27.00	/	/	AVG
5	25642.35	-43.93	-27.00	14.57	Pass	Peak	11	25642.35	/	-27.00	/	/	AVG
6	26477.05	-46.08	-27.00	16.72	Pass	Peak	12	26477.05	/	-27.00	/	/	AVG

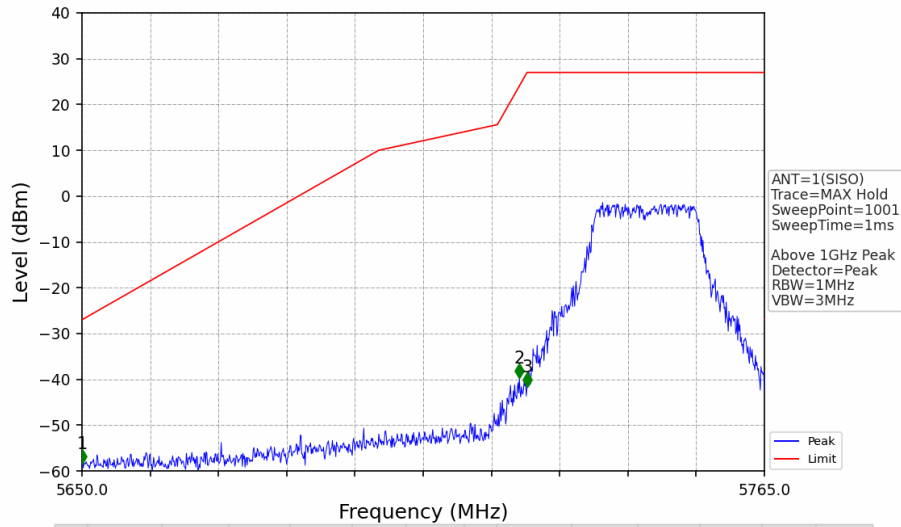
802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

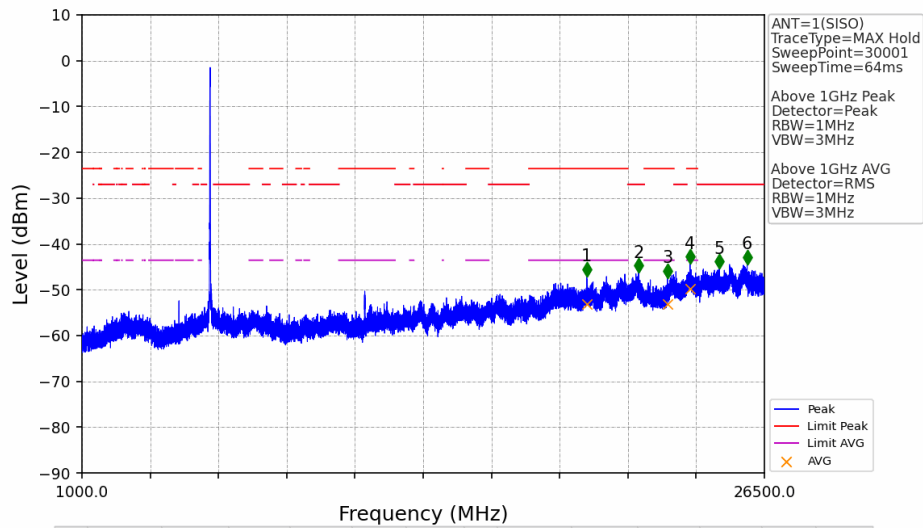


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



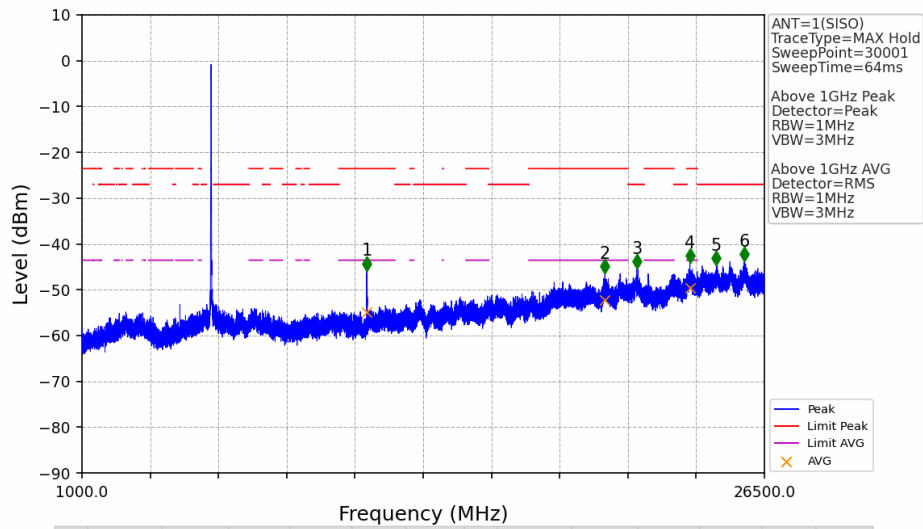
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-58.38	-27.00	29.02	Pass	Peak	3	5725.000	-41.61	27.00	66.25	Pass	Peak
2	5723.715	-39.77	24.07	61.48	Pass	Peak							

802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



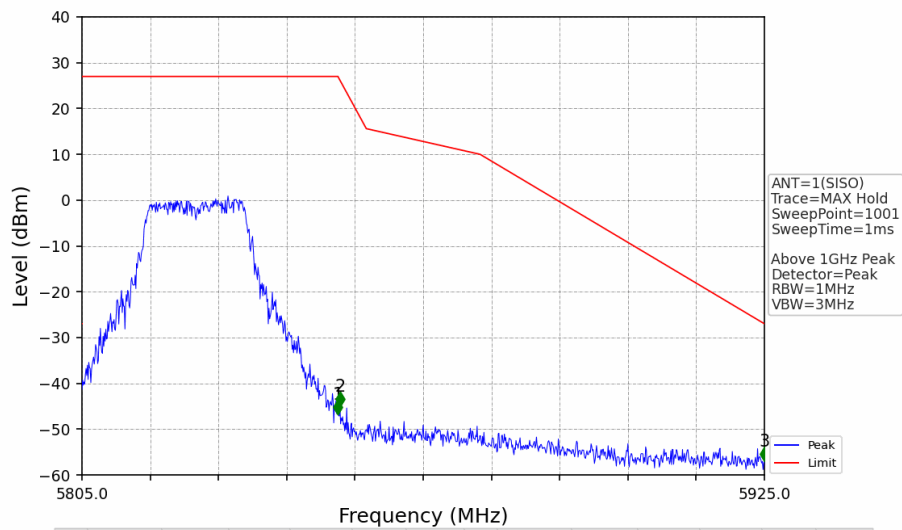
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19862.35	-47.08	-21.20	23.52	Pass	Peak	7	19862.35	-53.23	-41.20	9.66	Pass	AVG
2	21807.15	-46.25	-27.00	16.89	Pass	Peak	8	21807.15	/	-27.00	/	/	AVG
3	22879	-47.41	-21.20	23.84	Pass	Peak	9	22879	-53.16	-41.20	9.61	Pass	AVG
4	23722.2	-44.29	-21.20	20.73	Pass	Peak	10	23722.2	-49.84	-41.20	6.29	Pass	AVG
5	24811.05	-45.41	-27.00	16.05	Pass	Peak	11	24811.05	/	-27.00	/	/	AVG
6	25854.85	-44.44	-27.00	15.08	Pass	Peak	12	25854.85	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5825MHz_Ant1_NTNV



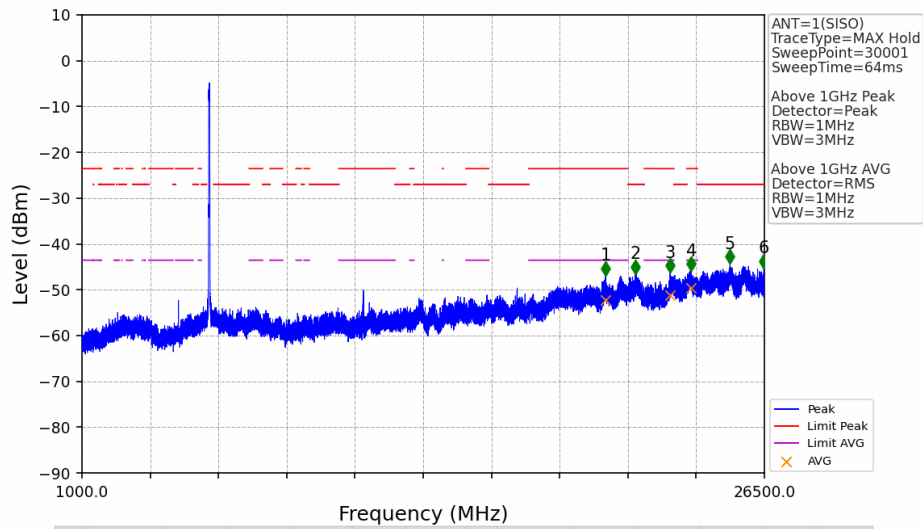
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11642.85	-45.81	-21.20	22.25	Pass	Peak	7	11642.85	-54.83	-41.20	11.27	Pass	AVG
2	20540.65	-46.50	-21.20	22.94	Pass	Peak	8	20540.65	-52.18	-41.20	8.62	Pass	AVG
3	21728.1	-45.36	-27.00	16.00	Pass	Peak	9	21728.1	/	-27.00	/	/	AVG
4	23715.4	-44.15	-21.20	20.59	Pass	Peak	10	23715.4	-49.66	-41.20	6.10	Pass	AVG
5	24705.65	-44.66	-27.00	15.30	Pass	Peak	11	24705.65	/	-27.00	/	/	AVG
6	25755.4	-43.84	-27.00	14.48	Pass	Peak	12	25755.4	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5825MHz_Ant1_NTNV



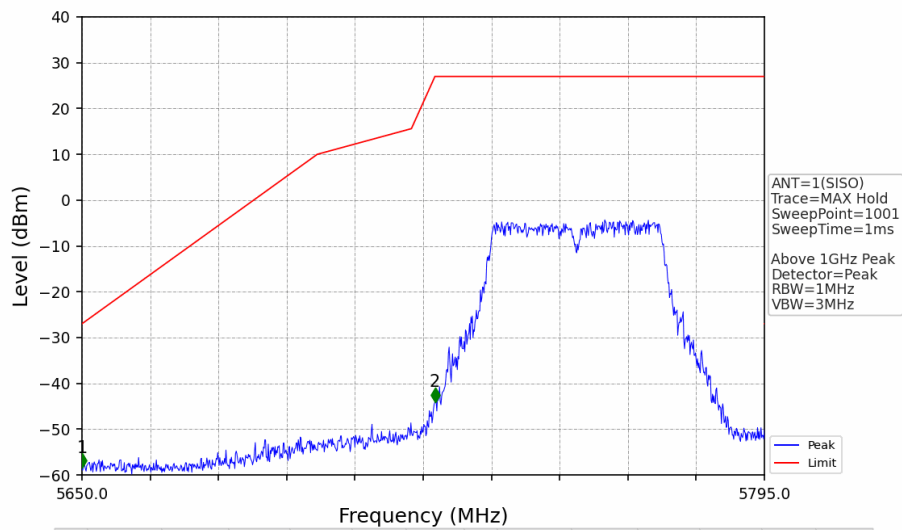
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-46.72	27.00	71.36	Pass	Peak	3	5925.000	-57.04	-27.00	27.68	Pass	Peak
2	5850.360	-45.05	26.18	68.87	Pass	Peak							

802.11n(HT40) LCH_5755MHz_Ant1_NTNV



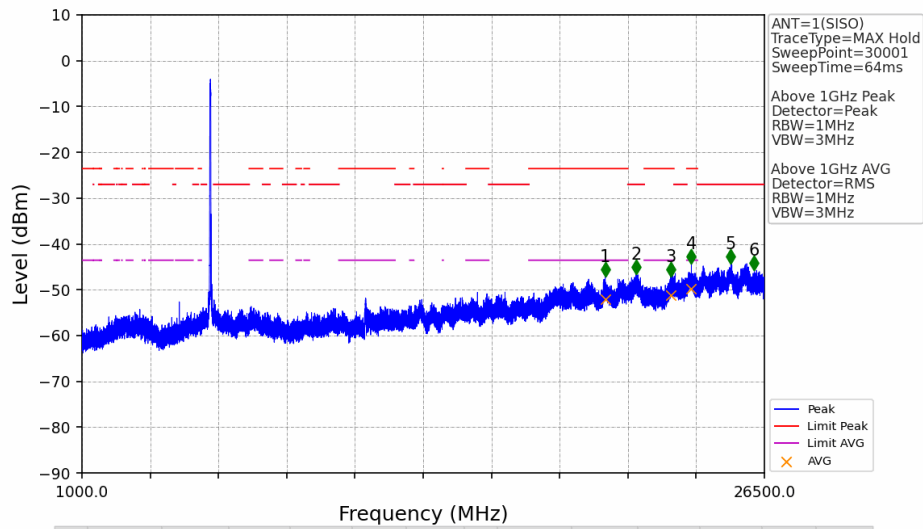
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20561.05	-46.88	-21.20	23.32	Pass	Peak	7	20561.05	-52.17	-41.20	8.61	Pass	AVG
2	21678.8	-46.55	-27.00	17.19	Pass	Peak	8	21678.8	/	-27.00	/	/	AVG
3	22976.75	-46.25	-21.20	22.69	Pass	Peak	9	22976.75	-51.26	-41.20	7.70	Pass	AVG
4	23765.55	-45.90	-21.20	22.34	Pass	Peak	10	23765.55	-49.67	-41.20	6.11	Pass	AVG
5	25216.5	-44.38	-27.00	15.02	Pass	Peak	11	25216.5	/	-27.00	/	/	AVG
6	26478.75	-45.29	-27.00	15.93	Pass	Peak	12	26478.75	/	-27.00	/	/	AVG

802.11n(HT40) LCH_5755MHz_Ant1_NTNV



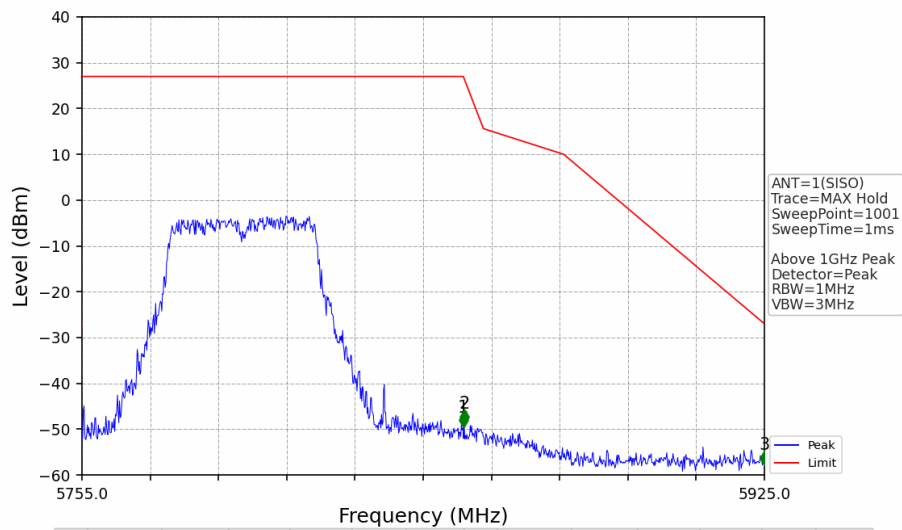
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-58.42	-27.00	29.06	Pass	Peak	2	5725.000	-44.06	27.00	68.70	Pass	Peak

802.11n(HT40) HCH 5795MHz_Ant1_NTNV



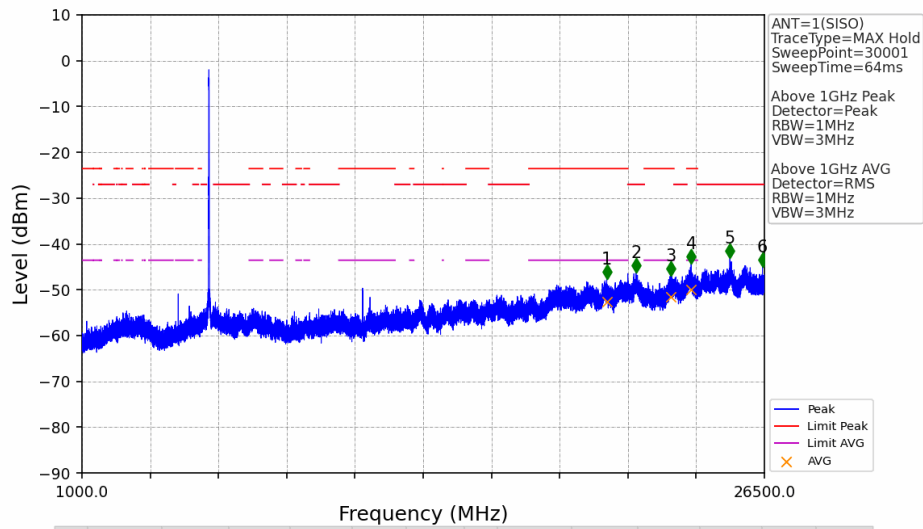
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20550	-47.14	-21.20	23.58	Pass	Peak	7	20550	-51.99	-41.20	8.43	Pass	AVG
2	21705.15	-46.62	-27.00	17.25	Pass	Peak	8	21705.15	/	-27.00	/	/	AVG
3	22996.3	-47.15	-21.20	23.59	Pass	Peak	9	22996.3	-51.18	-41.20	7.62	Pass	AVG
4	23771.5	-44.34	-21.20	20.78	Pass	Peak	10	23771.5	-49.73	-41.20	6.17	Pass	AVG
5	25248.8	-44.29	-27.00	14.93	Pass	Peak	11	25248.8	/	-27.00	/	/	AVG
6	26122.6	-45.67	-27.00	16.32	Pass	Peak	12	26122.6	/	-27.00	/	/	AVG

802.11n(HT40) HCH 5795MHz_Ant1_NTNV

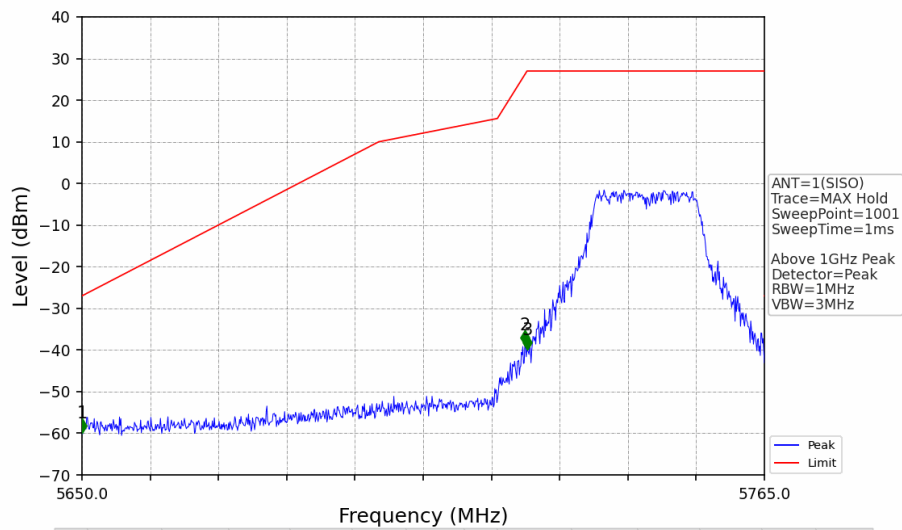


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-49.65	27.00	74.29	Pass	Peak	3	5925.000	-57.83	-27.00	28.46	Pass	Peak
2	5850.200	-48.80	26.54	72.98	Pass	Peak							

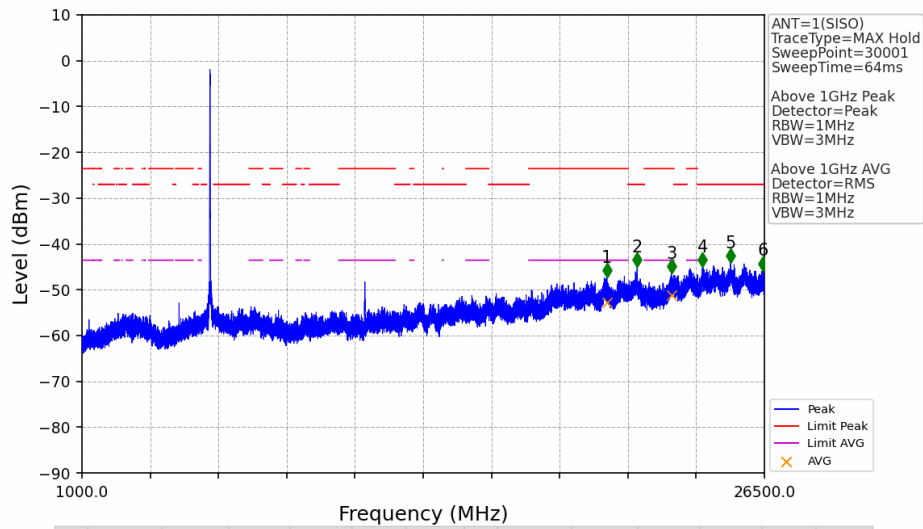
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

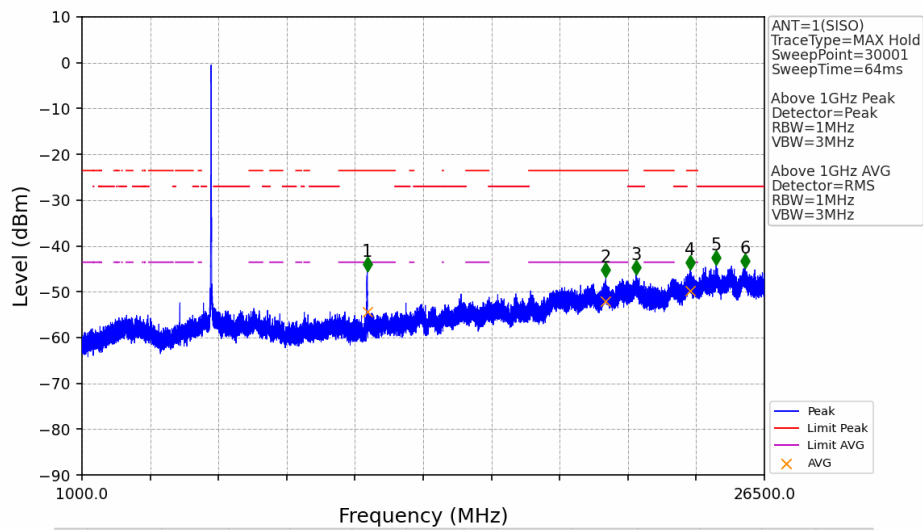


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



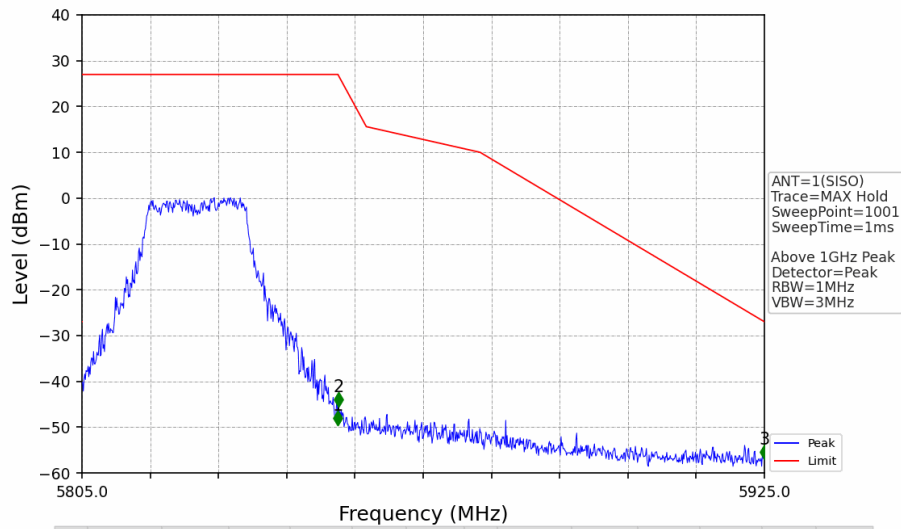
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20616.3	-47.30	-21.20	23.75	Pass	Peak	7	20616.3	-52.70	-41.20	9.14	Pass	AVG
2	21743.4	-44.98	-27.00	15.62	Pass	Peak	8	21743.4	/	-27.00	/	/	AVG
3	23026.05	-46.39	-21.20	22.83	Pass	Peak	9	23026.05	-51.15	-41.20	7.59	Pass	AVG
4	24192.25	-45.10	-27.00	15.74	Pass	Peak	10	24192.25	/	-27.00	/	/	AVG
5	25232.65	-44.15	-27.00	14.79	Pass	Peak	11	25232.65	/	-27.00	/	/	AVG
6	26441.35	-45.82	-27.00	16.46	Pass	Peak	12	26441.35	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

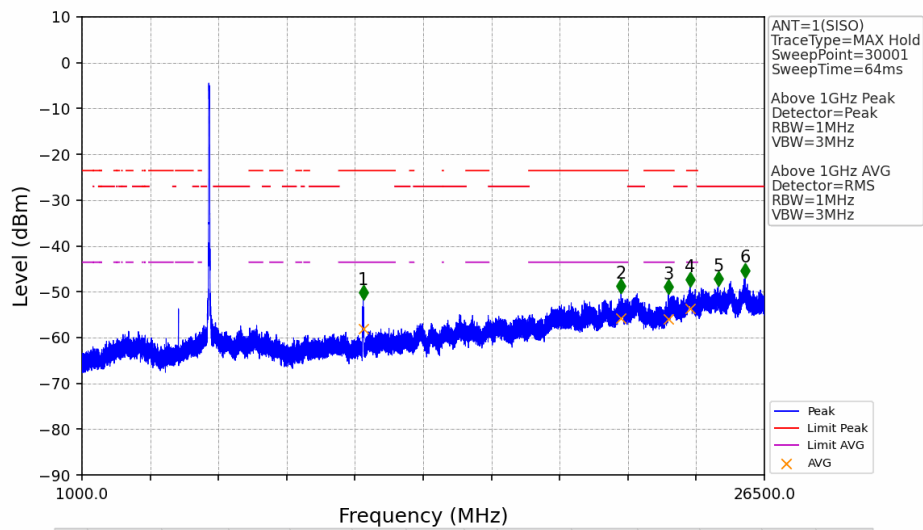


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11659	-45.51	-21.20	21.95	Pass	Peak	7	11659	-54.38	-41.20	10.82	Pass	AVG
2	20574.65	-46.82	-21.20	23.26	Pass	Peak	8	20574.65	-52.04	-41.20	8.48	Pass	AVG
3	21705.15	-46.30	-27.00	16.94	Pass	Peak	9	21705.15	/	-27.00	/	/	AVG
4	23728.15	-45.27	-21.20	21.71	Pass	Peak	10	23728.15	-49.73	-41.20	6.17	Pass	AVG
5	24695.45	-44.16	-27.00	14.80	Pass	Peak	11	24695.45	/	-27.00	/	/	AVG
6	25779.2	-44.81	-27.00	15.45	Pass	Peak	12	25779.2	/	-27.00	/	/	AVG

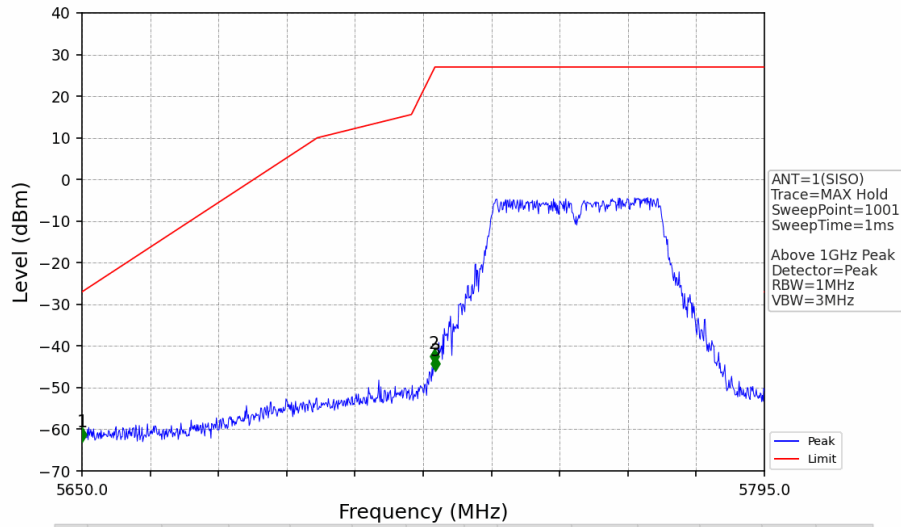
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

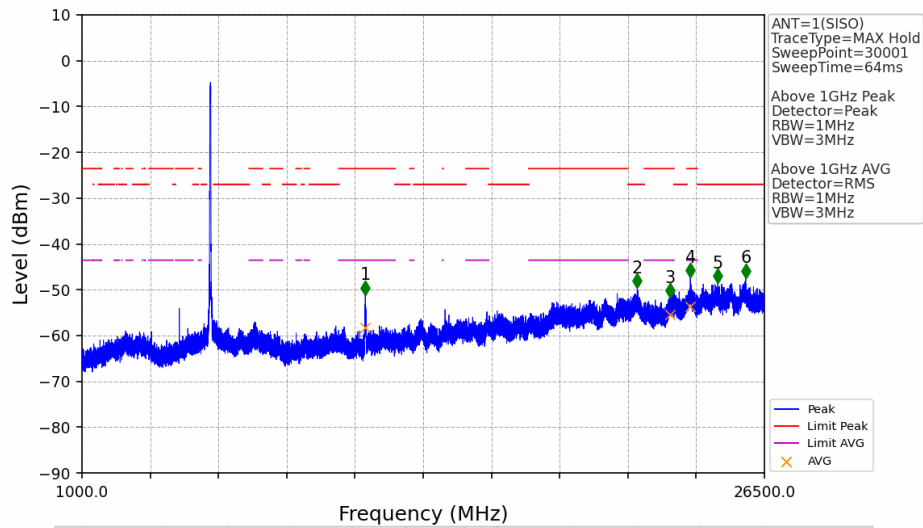


802.11ac(VHT40) LCH 5755MHz Ant1_NTNV



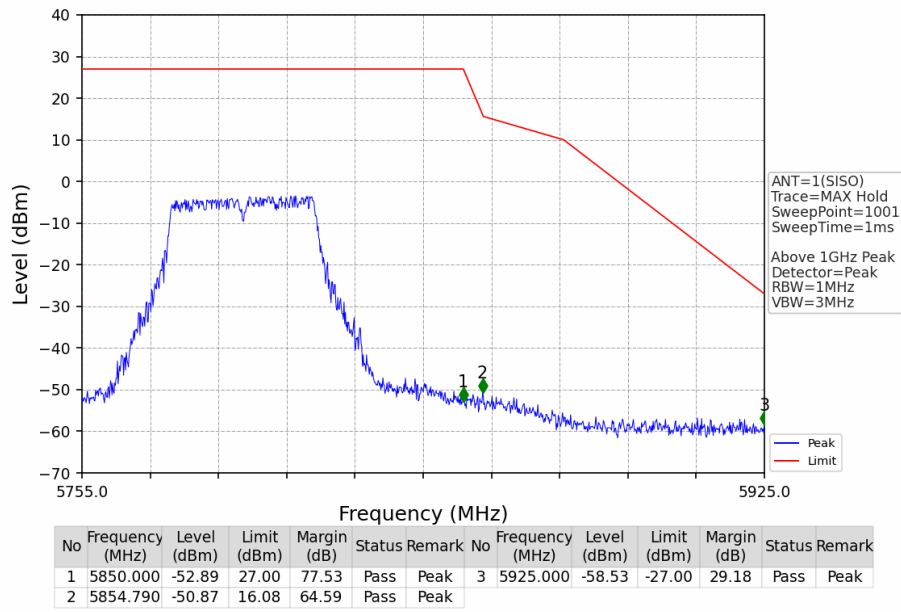
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-63.09	-27.00	33.73	Pass	Peak	3	5725.000	-45.97	27.00	70.61	Pass	Peak
2	5724.820	-44.27	26.59	68.50	Pass	Peak							

802.11ac(VHT40) HCH 5795MHz Ant1_NTNV

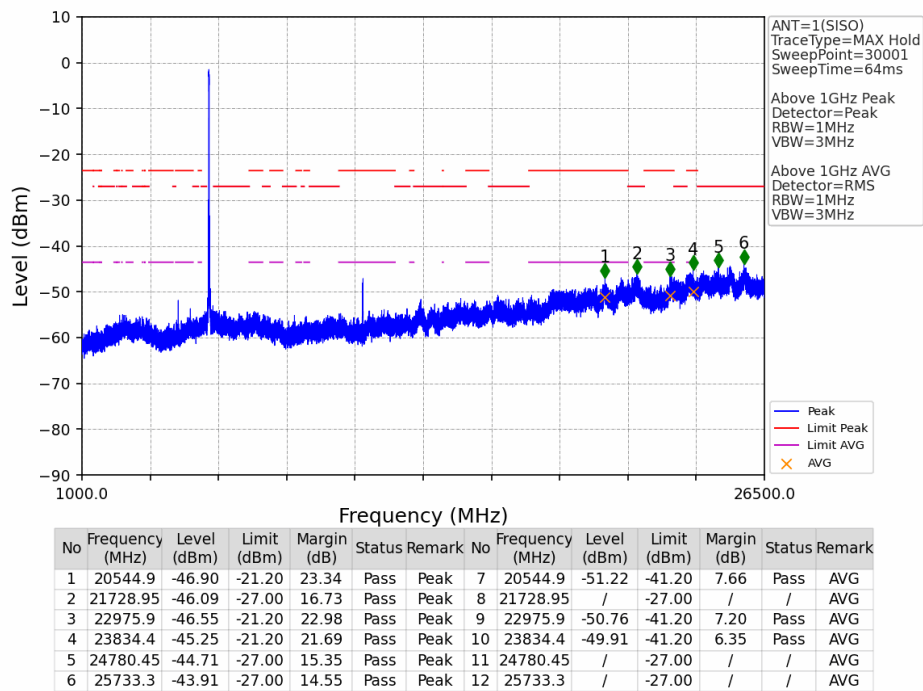


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11587.6	-51.11	-21.20	27.55	Pass	Peak	7	11587.6	-58.26	-41.20	14.70	Pass	AVG
2	21749.35	-49.57	-27.00	20.21	Pass	Peak	8	21749.35	/	-27.00	/	/	AVG
3	22958.9	-51.77	-21.20	28.21	Pass	Peak	9	22958.9	-55.37	-41.20	11.80	Pass	AVG
4	23732.4	-47.34	-21.20	23.78	Pass	Peak	10	23732.4	-53.58	-41.20	10.02	Pass	AVG
5	24758.35	-48.54	-27.00	19.18	Pass	Peak	11	24758.35	/	-27.00	/	/	AVG
6	25799.6	-47.44	-27.00	18.08	Pass	Peak	12	25799.6	/	-27.00	/	/	AVG

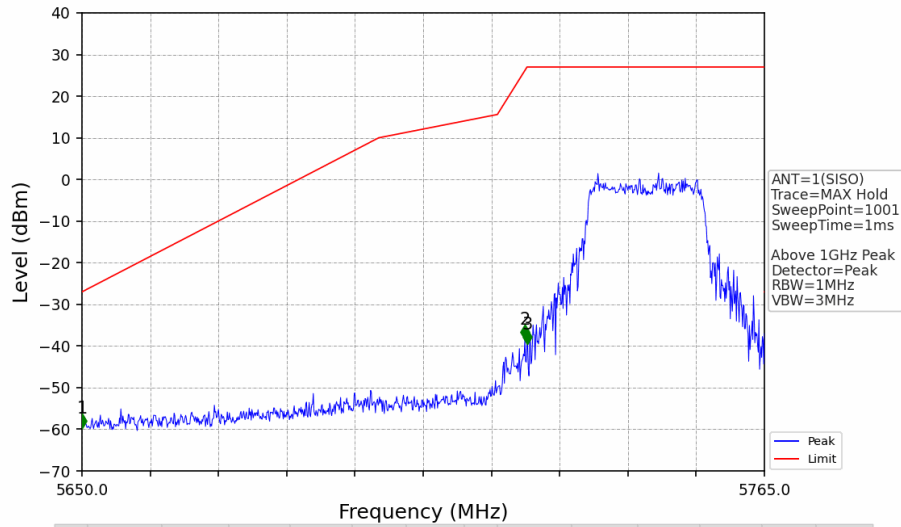
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV

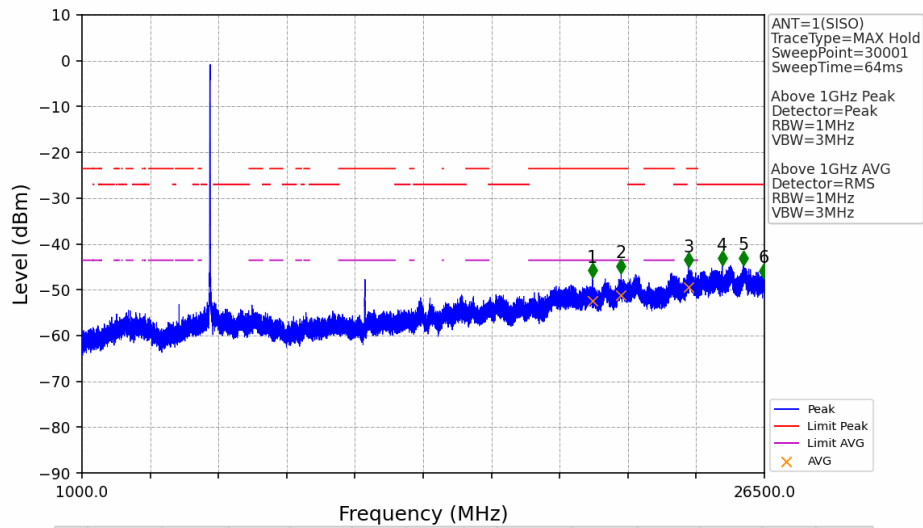


802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



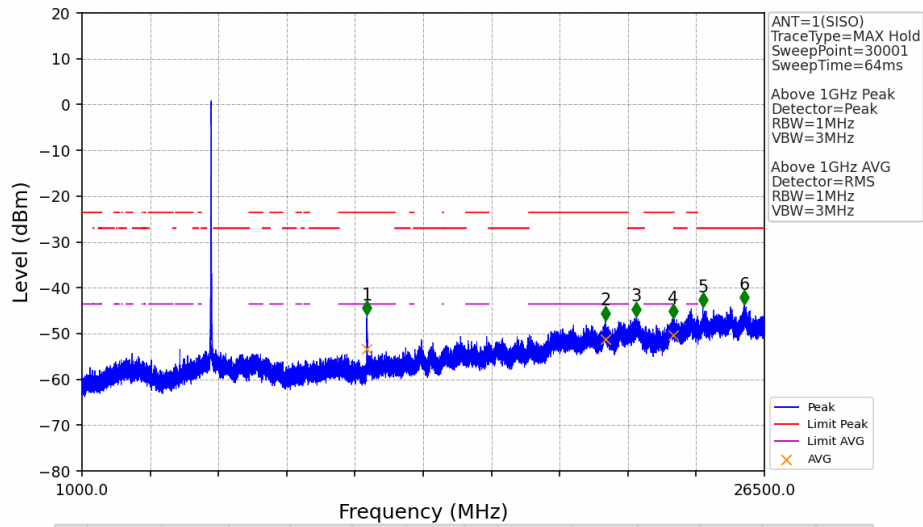
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-59.73	-27.00	30.37	Pass	Peak	3	5725.000	-39.51	27.00	64.15	Pass	Peak
2	5724.635	-38.41	26.17	62.21	Pass	Peak							

802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



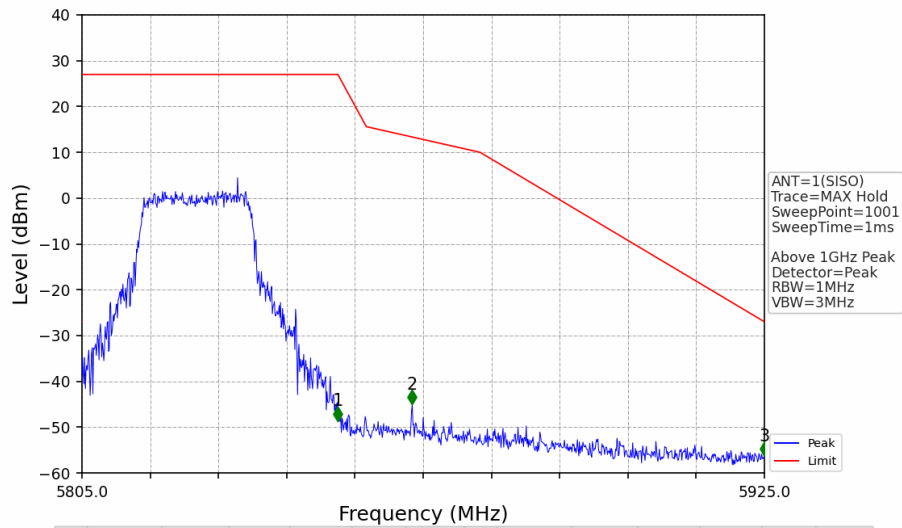
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20073.15	-47.39	-21.20	23.83	Pass	Peak	7	20073.15	-52.45	-41.20	8.89	Pass	AVG
2	21146.7	-46.36	-21.20	22.80	Pass	Peak	8	21146.7	-51.16	-41.20	7.60	Pass	AVG
3	23658.45	-45.00	-21.20	21.44	Pass	Peak	9	23658.45	-49.46	-41.20	5.90	Pass	AVG
4	24926.65	-44.73	-27.00	15.37	Pass	Peak	10	24926.65	/	-27.00	/	/	AVG
5	25715.45	-44.61	-27.00	15.25	Pass	Peak	11	25715.45	/	-27.00	/	/	AVG
6	26482.15	-47.40	-27.00	18.04	Pass	Peak	12	26482.15	/	-27.00	/	/	AVG

802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



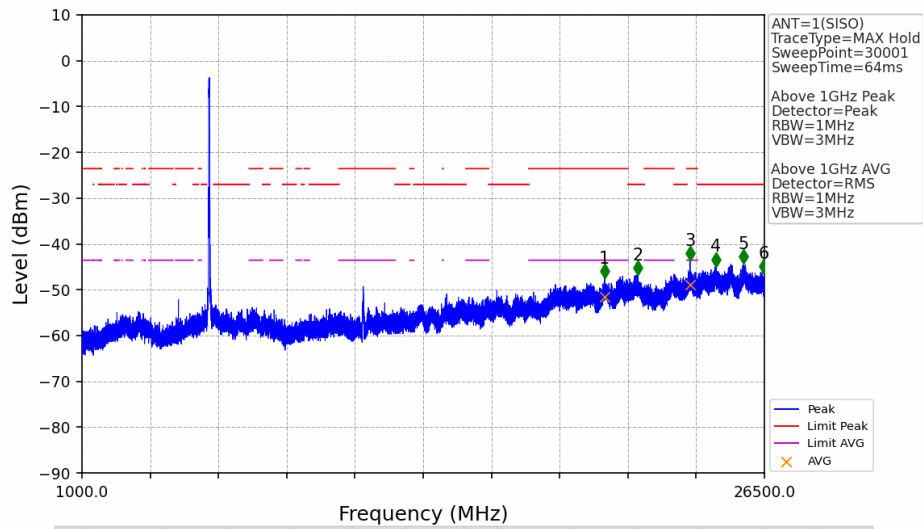
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11649.65	-45.94	-21.20	22.38	Pass	Peak	7	11649.65	-53.44	-41.20	9.88	Pass	AVG
2	20556.8	-47.11	-21.20	23.55	Pass	Peak	8	20556.8	-51.22	-41.20	7.66	Pass	AVG
3	21720.45	-46.23	-27.00	16.87	Pass	Peak	9	21720.45	/	-27.00	/	/	AVG
4	23079.6	-46.73	-21.20	23.17	Pass	Peak	10	23079.6	-50.43	-41.20	6.87	Pass	AVG
5	24199.9	-44.22	-27.00	14.86	Pass	Peak	11	24199.9	/	-27.00	/	/	AVG
6	25747.75	-43.72	-27.00	14.36	Pass	Peak	12	25747.75	/	-27.00	/	/	AVG

802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



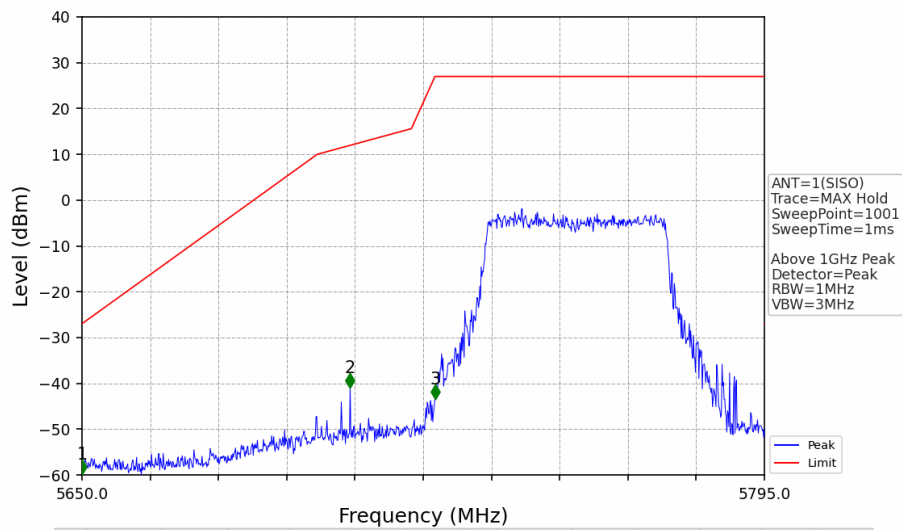
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-48.63	27.00	73.27	Pass	Peak	3	5925.000	-56.33	-27.00	26.97	Pass	Peak
2	5863.080	-45.07	13.34	56.05	Pass	Peak							

802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



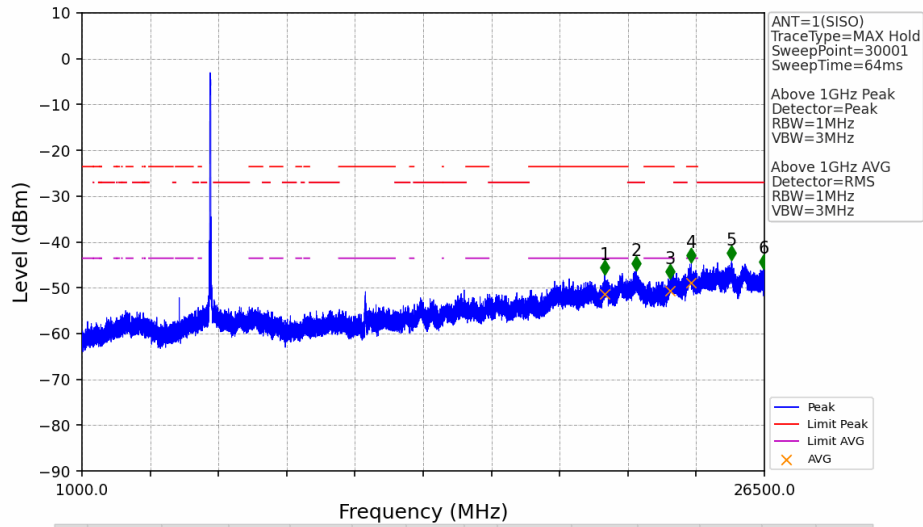
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20519.4	-47.53	-21.20	23.98	Pass	Peak	7	20519.4	-51.50	-41.20	7.94	Pass	AVG
2	21764.65	-46.78	-27.00	17.42	Pass	Peak	8	21764.65	/	-27.00	/	/	AVG
3	23723.05	-43.68	-21.20	20.12	Pass	Peak	9	23723.05	-48.96	-41.20	5.40	Pass	AVG
4	24690.35	-44.95	-27.00	15.59	Pass	Peak	10	24690.35	/	-27.00	/	/	AVG
5	25706.1	-44.33	-27.00	14.97	Pass	Peak	11	25706.1	/	-27.00	/	/	AVG
6	26484.7	-46.45	-27.00	17.09	Pass	Peak	12	26484.7	/	-27.00	/	/	AVG

802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



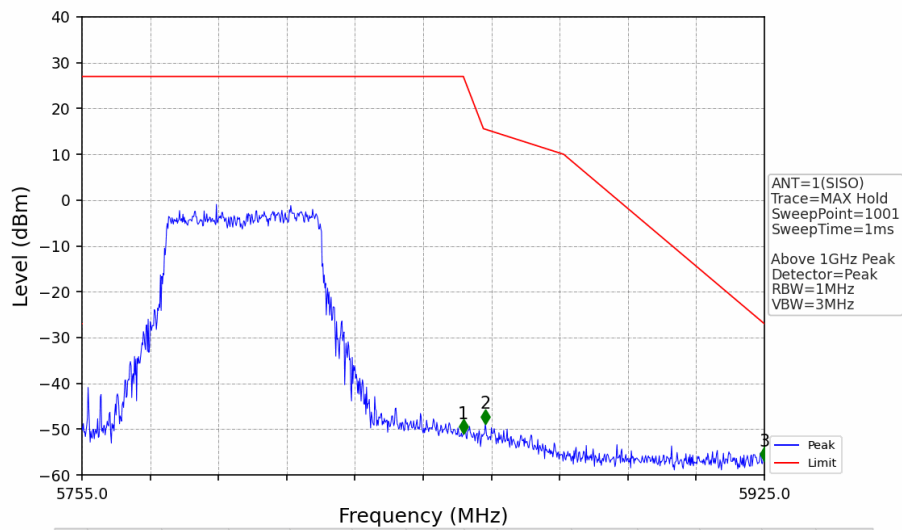
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-59.79	-27.00	30.43	Pass	Peak	3	5725.000	-43.40	27.00	68.04	Pass	Peak
2	5706.985	-40.97	11.96	50.56	Pass	Peak							

802.11ax(HEW40)_HCH_5795MHz_RU484_Left_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	20530.45	-47.11	-21.20	23.55	Pass	Peak	7	20530.45	-51.39	-41.20	7.83	Pass	AVG
2	21706.85	-46.24	-27.00	16.88	Pass	Peak	8	21706.85	/	-27.00	/	/	AVG
3	22985.25	-47.97	-21.20	24.41	Pass	Peak	9	22985.25	-50.60	-41.20	7.04	Pass	AVG
4	23771.5	-44.52	-21.20	20.96	Pass	Peak	10	23771.5	-48.87	-41.20	5.31	Pass	AVG
5	25275.15	-44.03	-27.00	14.67	Pass	Peak	11	25275.15	/	-27.00	/	/	AVG
6	26467.7	-45.84	-27.00	16.48	Pass	Peak	12	26467.7	/	-27.00	/	/	AVG

802.11ax(HEW40)_HCH_5795MHz_RU484_Left_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	-51.05	27.00	75.69	Pass	Peak	3	5925.000	-56.99	-27.00	27.63	Pass	Peak
2	5855.470	-48.81	15.47	61.91	Pass	Peak							

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	5744.970	5725 to 5850	Pass
				120	5744.970	5725 to 5850	Pass
				138	5744.970	5725 to 5850	Pass
			-30	120	5744.970	5725 to 5850	Pass
			-20	120	5744.969	5725 to 5850	Pass
			-10	120	5744.969	5725 to 5850	Pass
			0	120	5744.976	5725 to 5850	Pass
			10	120	5744.976	5725 to 5850	Pass
			30	120	5744.976	5725 to 5850	Pass
			40	120	5744.976	5725 to 5850	Pass
			50	120	5744.976	5725 to 5850	Pass
		5785	20	102	5784.974	5725 to 5850	Pass
				120	5784.974	5725 to 5850	Pass
				138	5784.973	5725 to 5850	Pass
			-30	120	5784.973	5725 to 5850	Pass
			-20	120	5784.973	5725 to 5850	Pass
			-10	120	5784.973	5725 to 5850	Pass
			0	120	5784.973	5725 to 5850	Pass
			10	120	5784.973	5725 to 5850	Pass
			30	120	5784.973	5725 to 5850	Pass
			40	120	5784.973	5725 to 5850	Pass
			50	120	5784.973	5725 to 5850	Pass
		5825	20	102	5824.974	5725 to 5850	Pass
				120	5824.974	5725 to 5850	Pass
				138	5824.974	5725 to 5850	Pass
			-30	120	5824.974	5725 to 5850	Pass
			-20	120	5824.974	5725 to 5850	Pass
			-10	120	5824.974	5725 to 5850	Pass
			0	120	5824.974	5725 to 5850	Pass
			10	120	5824.974	5725 to 5850	Pass
			30	120	5824.973	5725 to 5850	Pass
			40	120	5824.973	5725 to 5850	Pass
			50	120	5824.973	5725 to 5850	Pass
		5755	20	102	5754.972	5725 to 5850	Pass
				120	5754.972	5725 to 5850	Pass
				138	5754.972	5725 to 5850	Pass
			-30	120	5754.972	5725 to 5850	Pass
			-20	120	5754.972	5725 to 5850	Pass
			-10	120	5754.972	5725 to 5850	Pass
			0	120	5754.972	5725 to 5850	Pass
			10	120	5754.972	5725 to 5850	Pass
			30	120	5754.972	5725 to 5850	Pass
			40	120	5754.972	5725 to 5850	Pass
			50	120	5754.972	5725 to 5850	Pass
		5795	20	102	5794.972	5725 to 5850	Pass
				120	5794.972	5725 to 5850	Pass
				138	5794.972	5725 to 5850	Pass
			-30	120	5794.972	5725 to 5850	Pass

			-20	120	5794.972	5725 to 5850	Pass
			-10	120	5794.972	5725 to 5850	Pass
			0	120	5794.972	5725 to 5850	Pass
			10	120	5794.972	5725 to 5850	Pass
			30	120	5794.972	5725 to 5850	Pass
			40	120	5794.972	5725 to 5850	Pass
			50	120	5794.972	5725 to 5850	Pass

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