

1. Duty Cycle

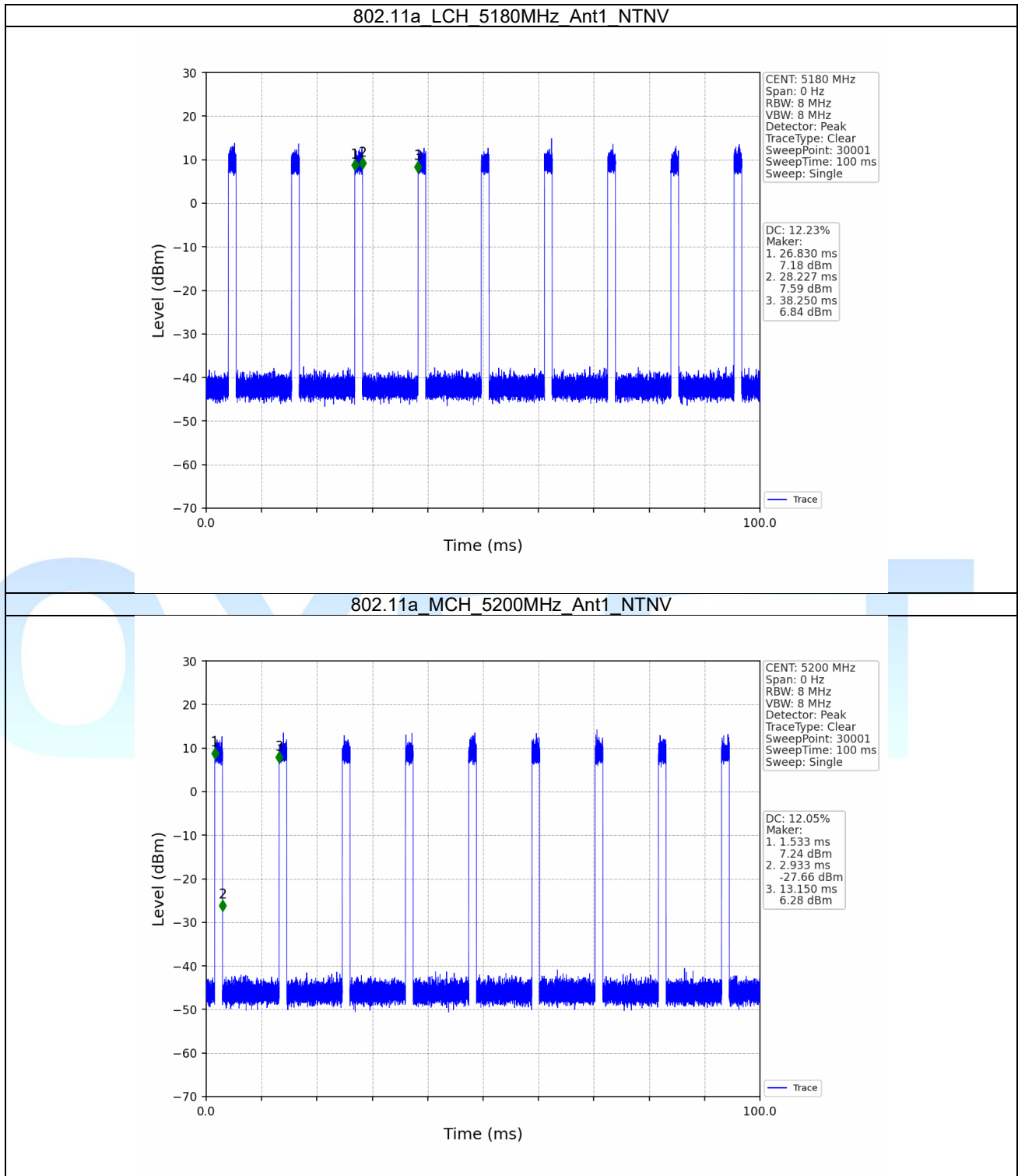
1.1 Test Result

1.1.1 Ant1

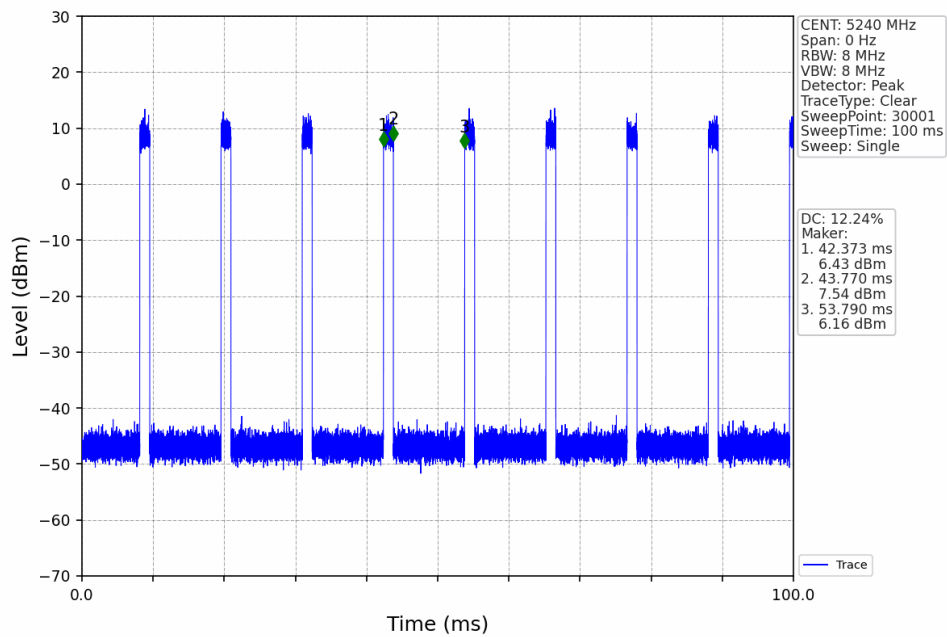
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.397	11.420	12.23	9.12	0.04
		5200	/	/	1.400	11.617	12.05	9.19	0.21
		5240	/	/	1.397	11.417	12.24	9.12	0.03
802.11n (HT20)	SISO	5180	/	/	5.090	15.113	33.68	4.73	0.04
		5200	/	/	5.090	15.160	33.58	4.74	0.12
		5240	/	/	5.090	15.114	33.68	4.73	0.01
802.11n (HT40)	SISO	5190	/	/	4.896	14.913	32.83	4.84	0.02
		5230	/	/	4.896	16.386	29.88	5.25	2.96
802.11ac (VHT20)	SISO	5180	/	/	5.096	15.116	33.71	4.72	0.03
		5200	/	/	5.100	15.204	33.54	4.74	0.20
		5240	/	/	5.097	15.117	33.72	4.72	0.01
802.11ac (VHT40)	SISO	5190	/	/	4.903	14.923	32.86	4.83	0.03
		5230	/	/	4.904	14.920	32.87	4.83	0.01
802.11ax (HEW20)	SISO	5180	RU242	Left	3.880	13.973	27.77	5.56	0.16
		5200	RU242	Left	3.877	14.020	27.65	5.58	0.28
		5240	RU242	Left	3.880	14.033	27.65	5.58	0.28
802.11ax (HEW40)	SISO	5190	RU484	Left	3.874	13.897	27.88	5.55	0.03
		5230	RU484	Left	3.873	13.896	27.87	5.55	0.03

1.2 Test Graph

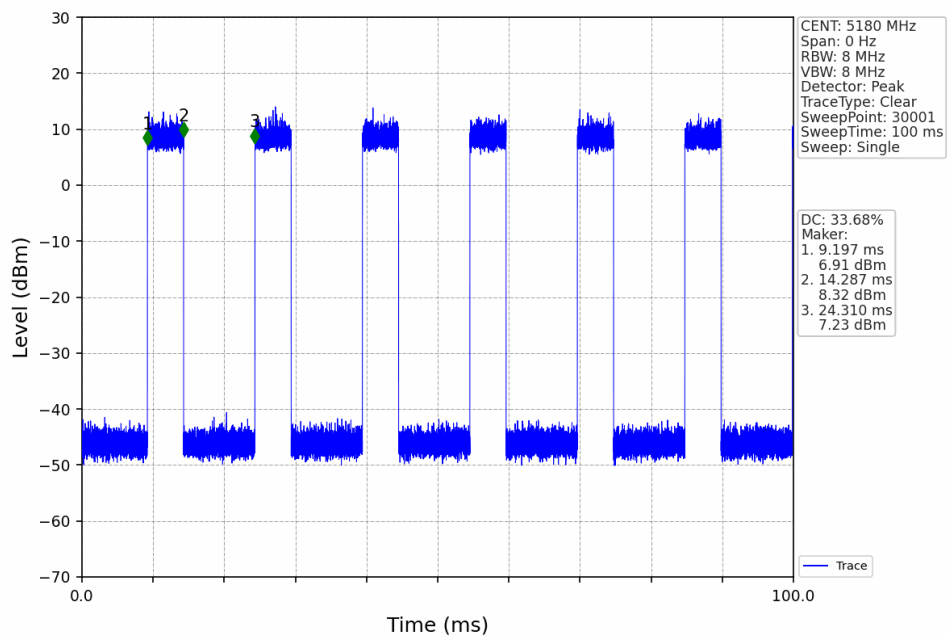
1.2.1 Ant1



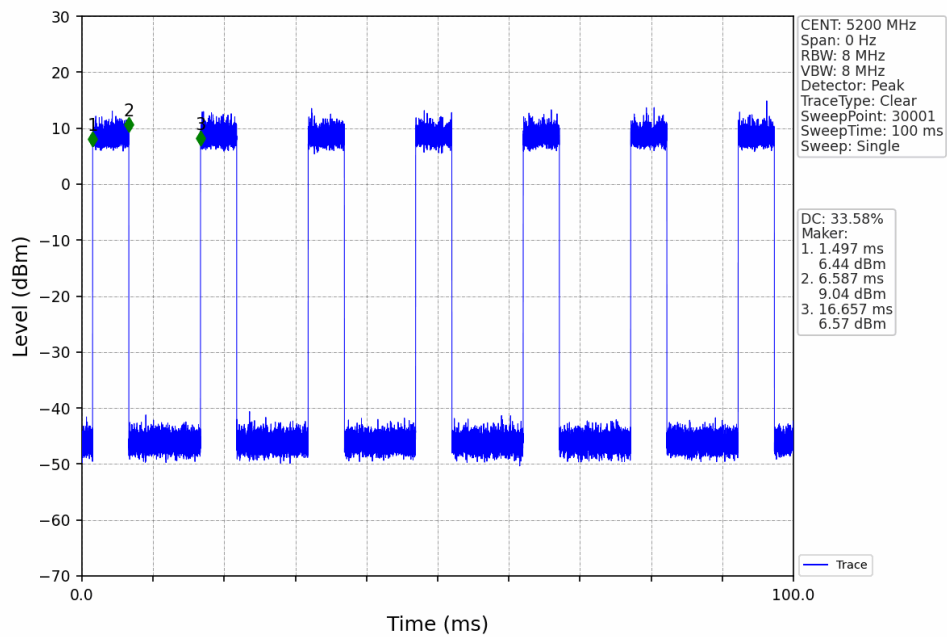
802.11a_HCH_5240MHz_Ant1_NTNV



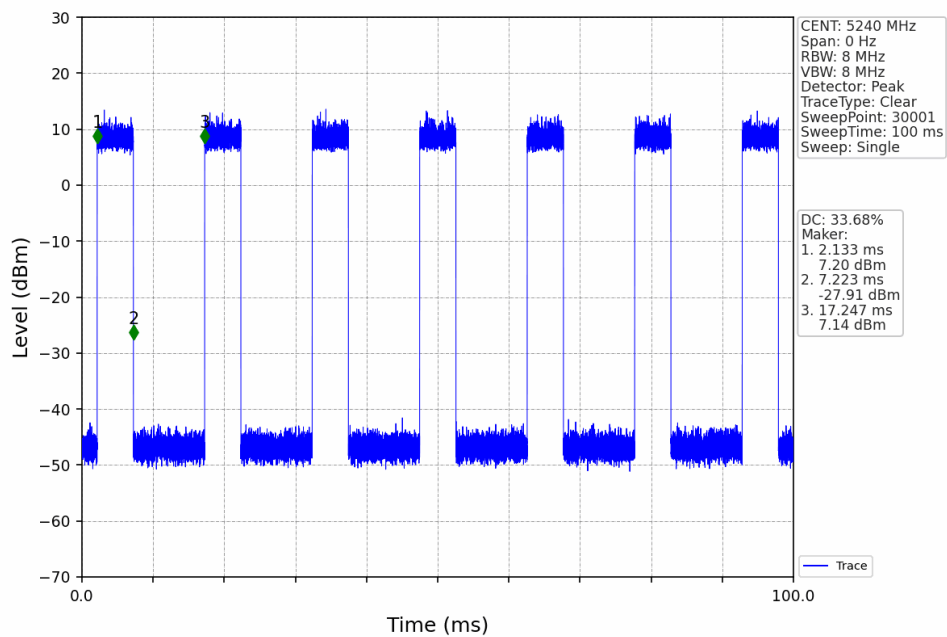
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



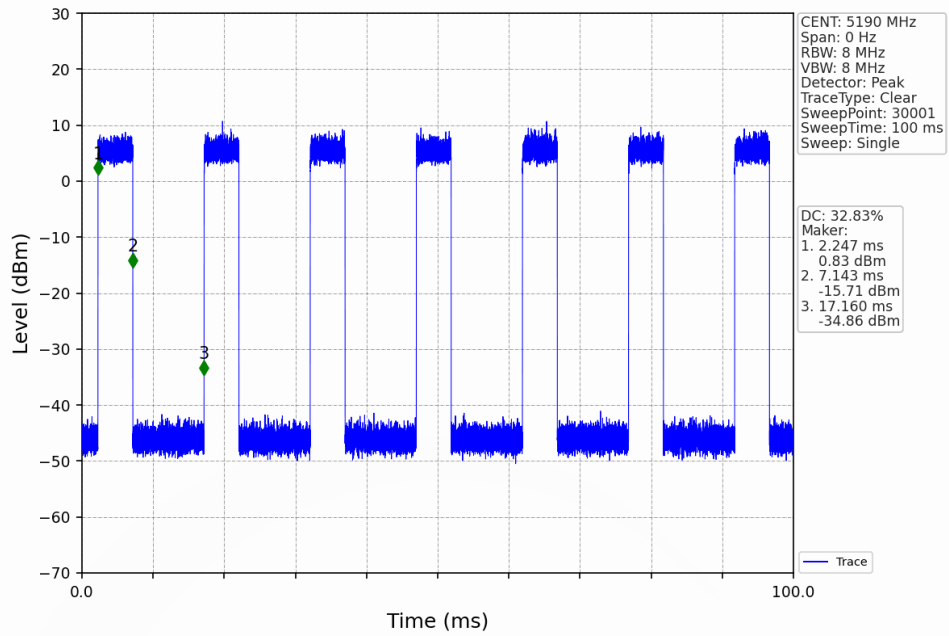
802.11n(HT20) MCH 5200MHz_Ant1_NTNV



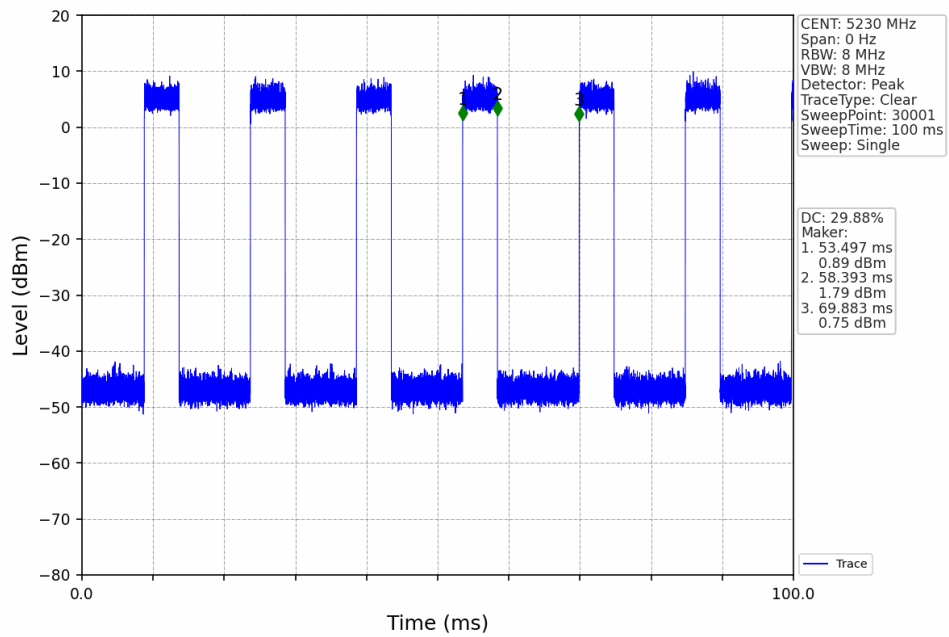
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



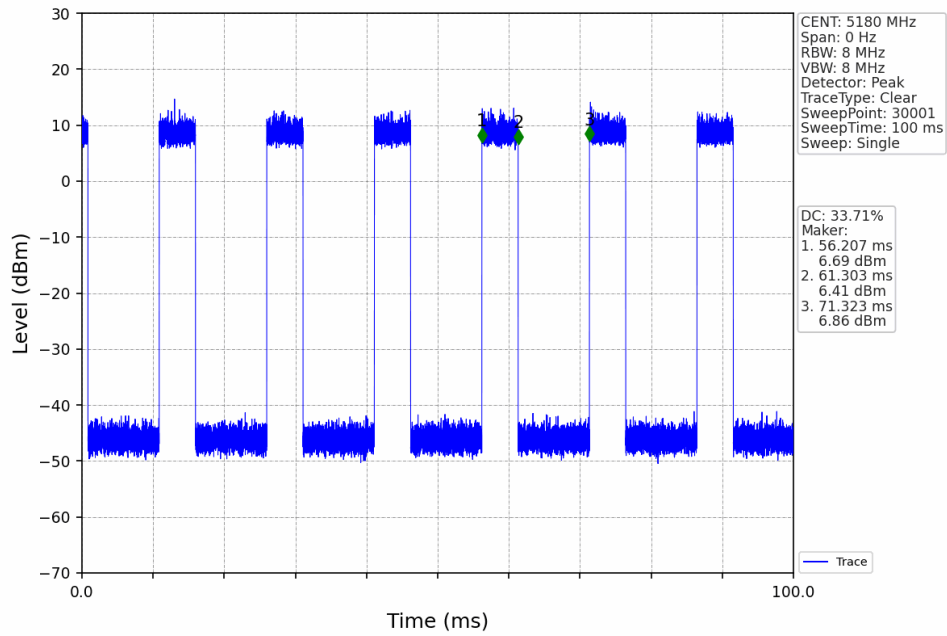
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



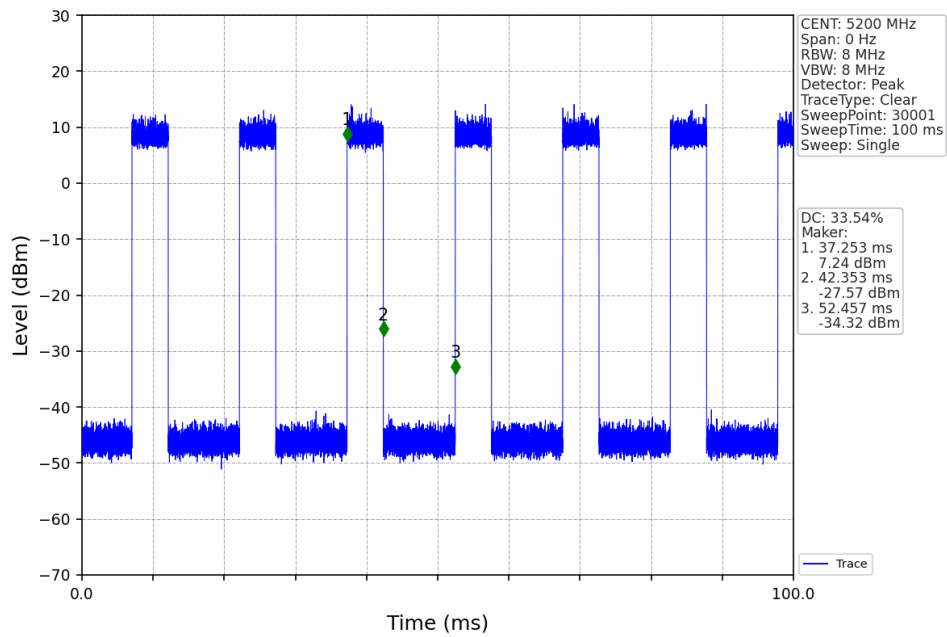
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



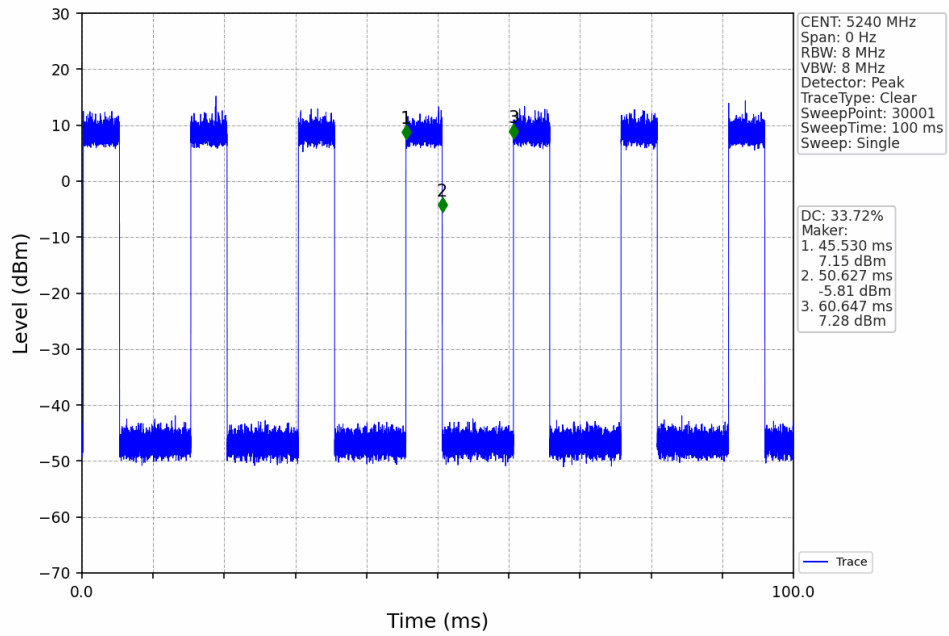
802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV



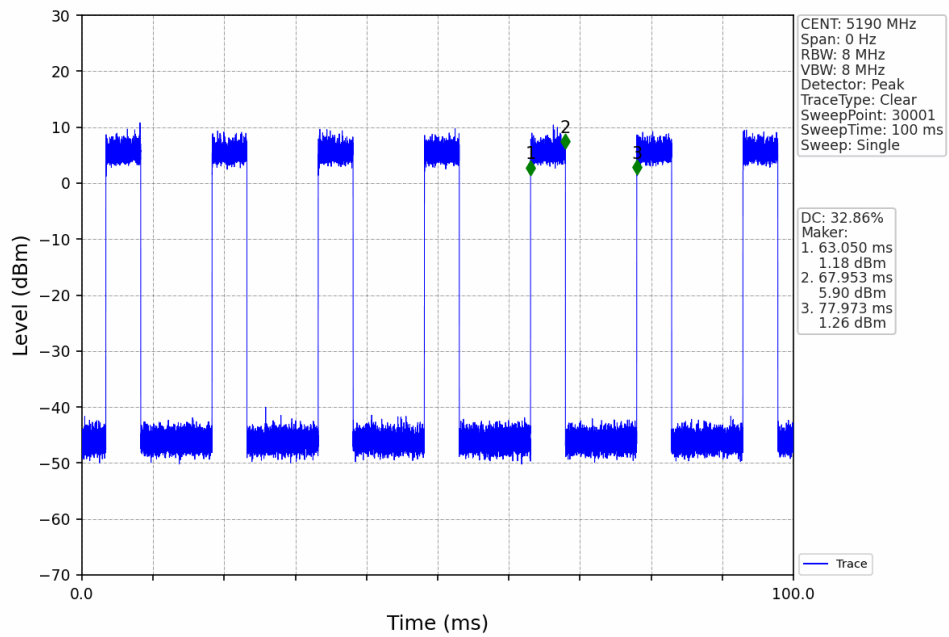
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



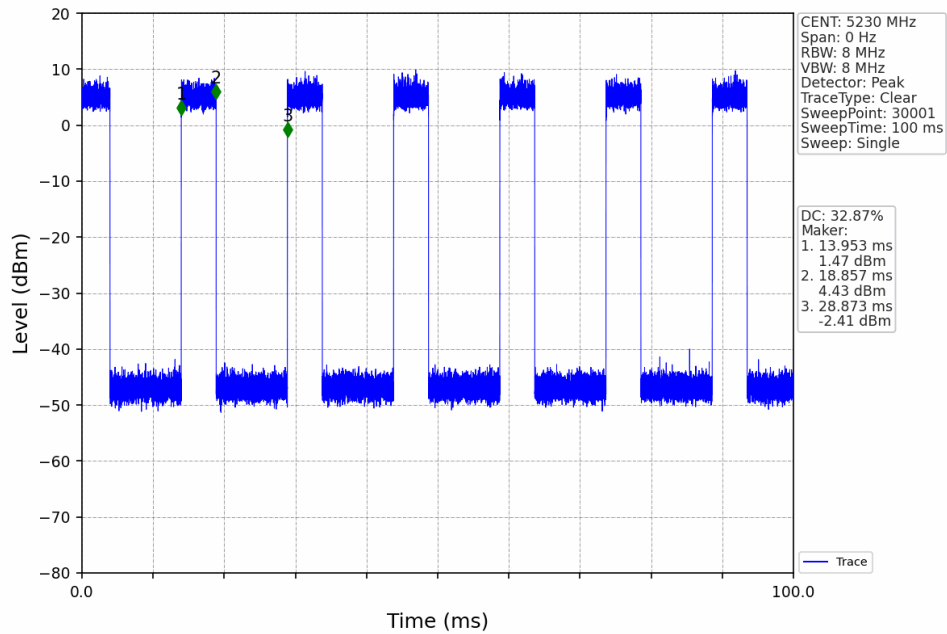
802.11ac(VHT20) HCH_5240MHz_Ant1_NTNV



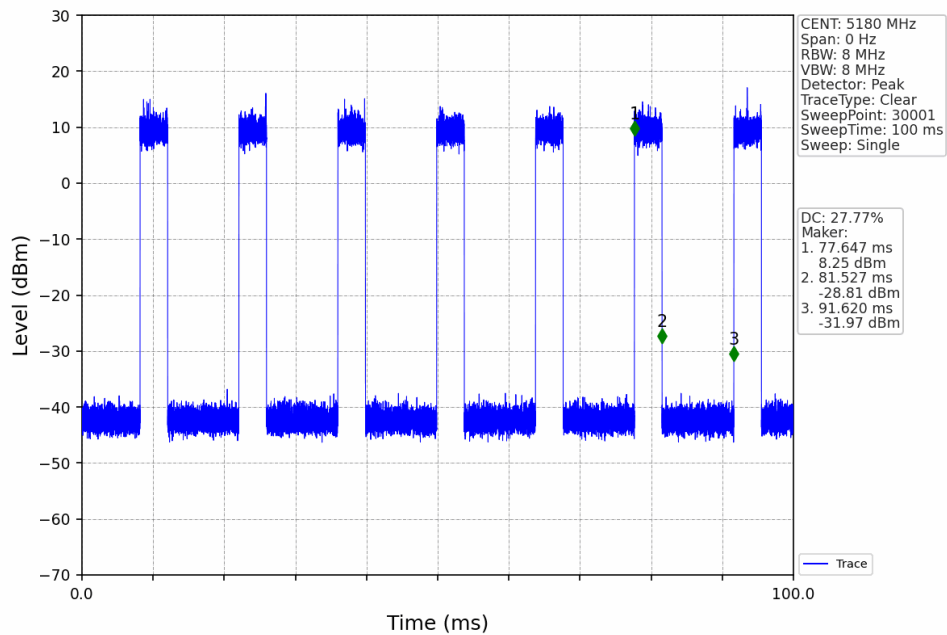
802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV



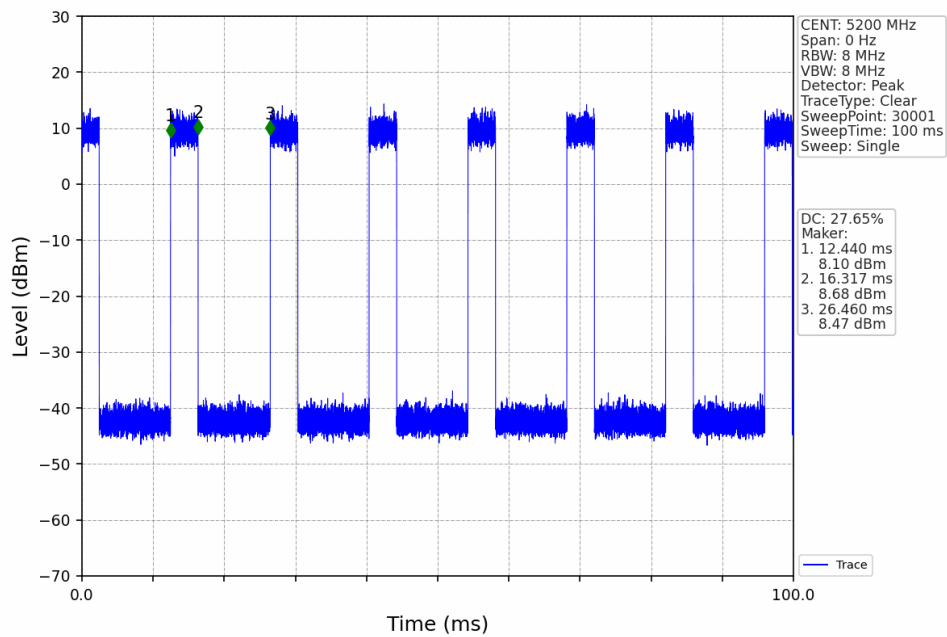
802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV



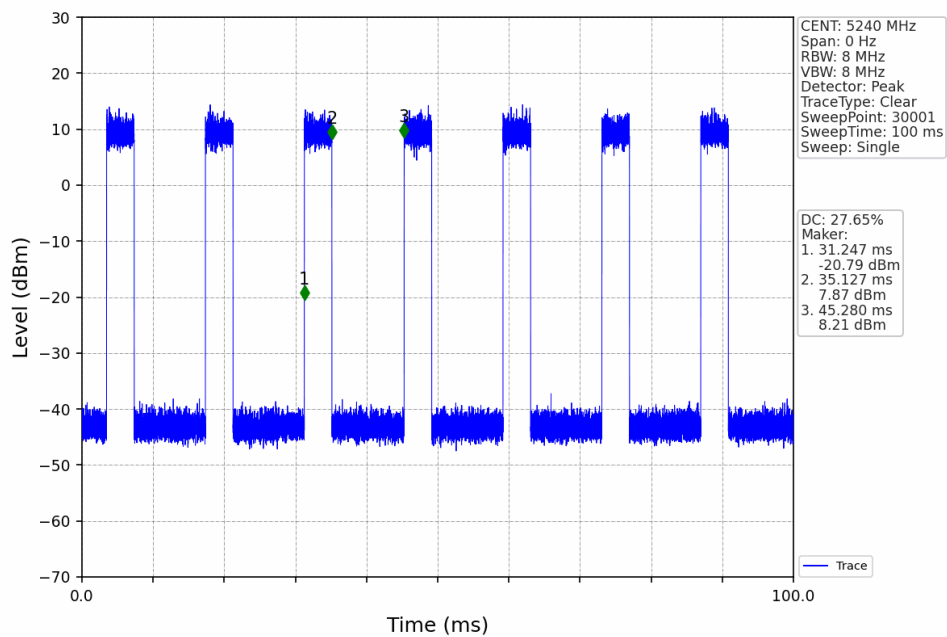
802.11ax(HEW20) LCH_5180MHz_RU242_Left_Ant1_NTNV



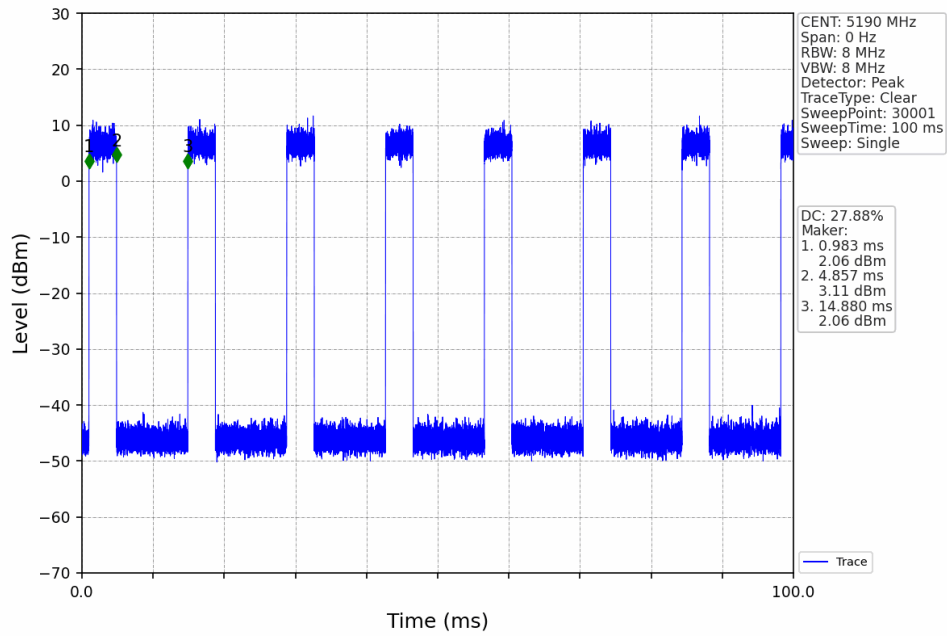
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



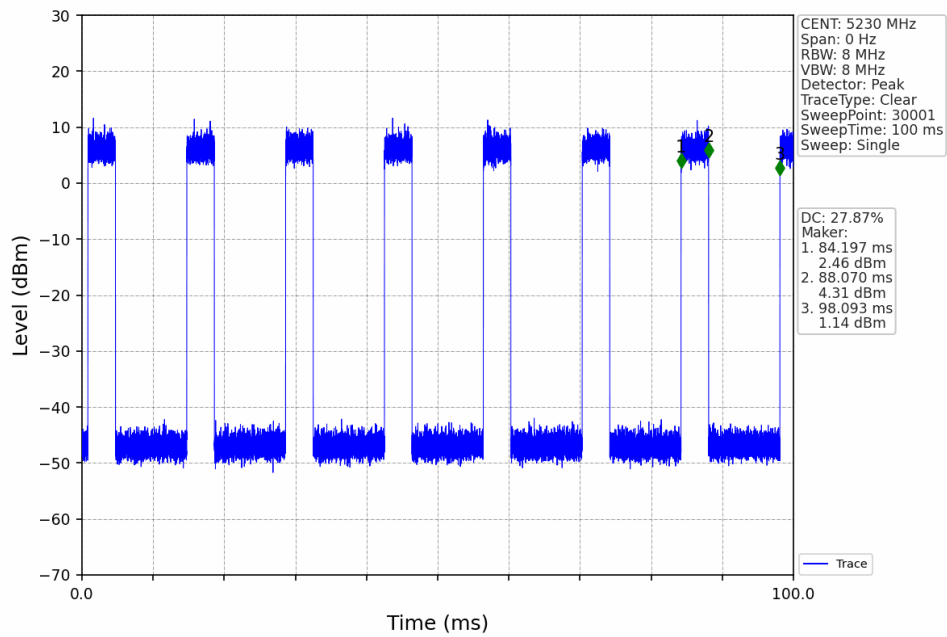
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

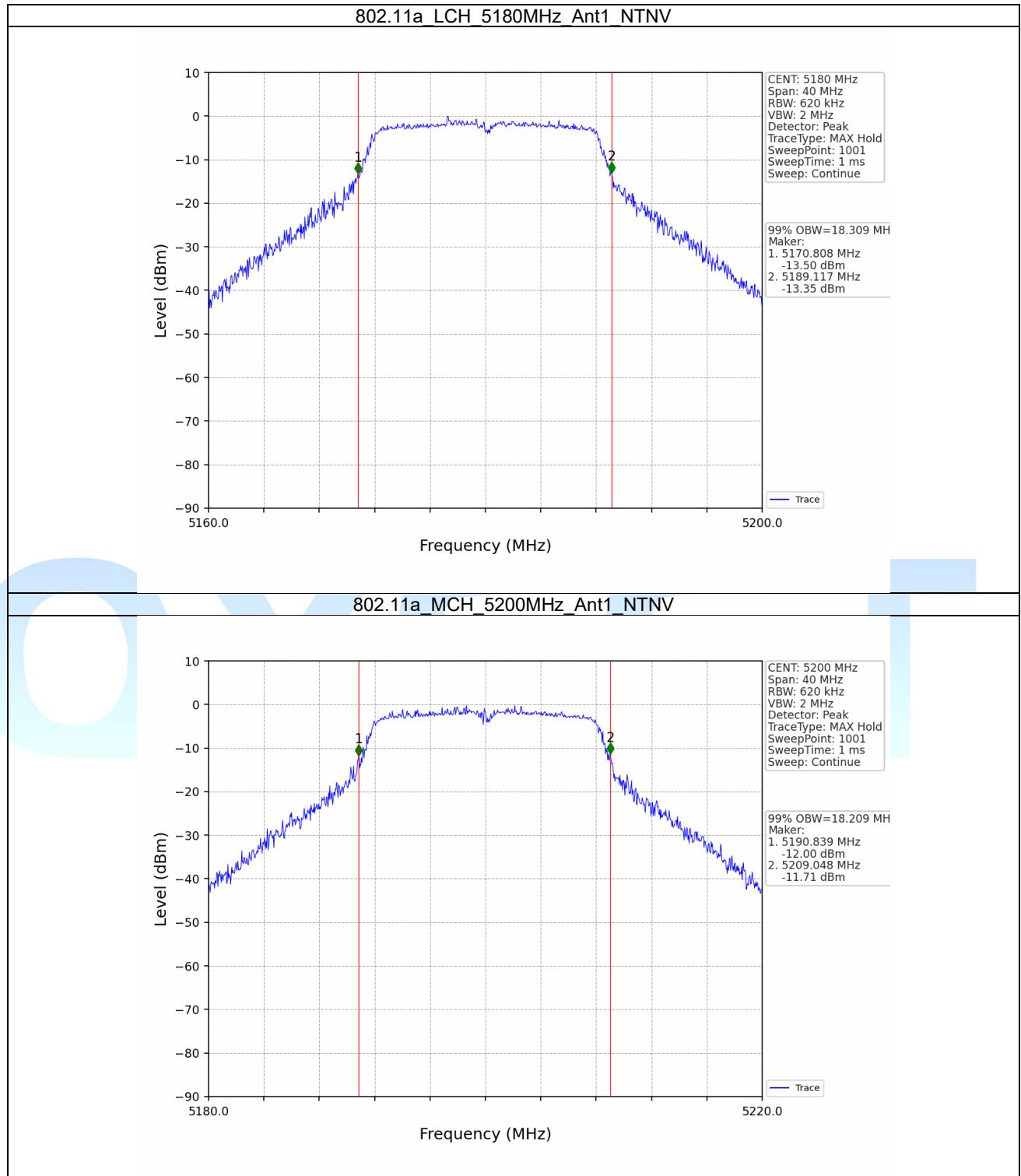
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	18.309	/	Pass
		5200	/	/	1	18.209	/	Pass
		5240	/	/	1	18.226	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	19.490	/	Pass
		5200	/	/	1	19.449	/	Pass
		5240	/	/	1	19.327	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	37.543	/	Pass
		5230	/	/	1	37.570	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	19.473	/	Pass
		5200	/	/	1	19.326	/	Pass
		5240	/	/	1	19.409	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	37.694	/	Pass
		5230	/	/	1	37.425	/	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	1	19.919	/	Pass
		5200	RU242	Left	1	19.743	/	Pass
		5240	RU242	Left	1	19.921	/	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	1	38.755	/	Pass
		5230	RU484	Left	1	38.621	/	Pass

2.1.2 26dB BW

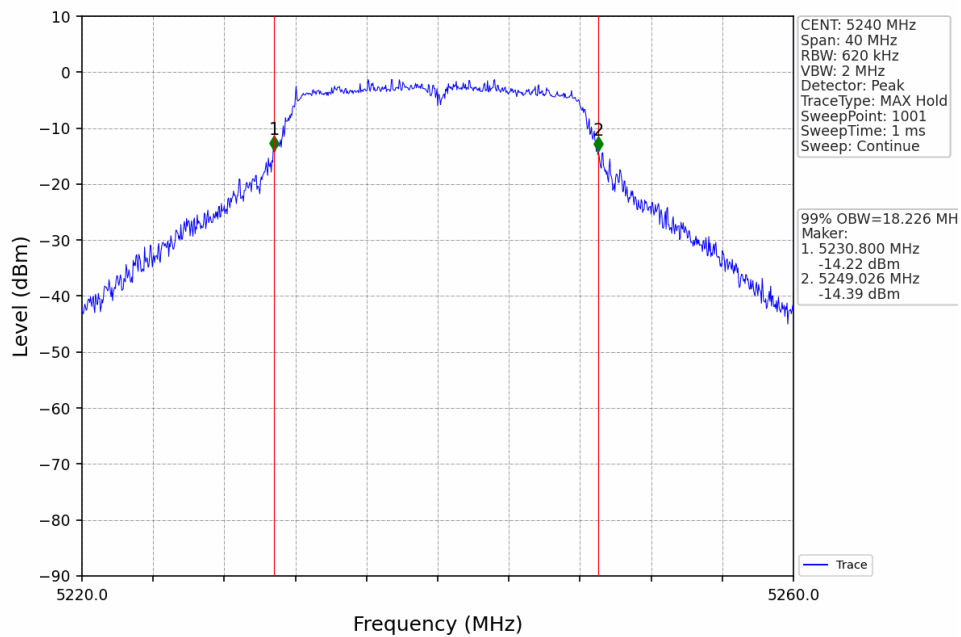
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	24.128	/	Pass
		5200	/	/	1	22.898	/	Pass
		5240	/	/	1	23.510	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	24.330	/	Pass
		5200	/	/	1	23.798	/	Pass
		5240	/	/	1	24.392	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	45.773	/	Pass
		5230	/	/	1	45.607	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	24.715	/	Pass
		5200	/	/	1	23.695	/	Pass
		5240	/	/	1	24.073	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	45.984	/	Pass
		5230	/	/	1	44.876	/	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	1	24.515	/	Pass
		5200	RU242	Left	1	24.200	/	Pass
		5240	RU242	Left	1	24.879	/	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	1	44.980	/	Pass
		5230	RU484	Left	1	45.707	/	Pass

2.2 Test Graph

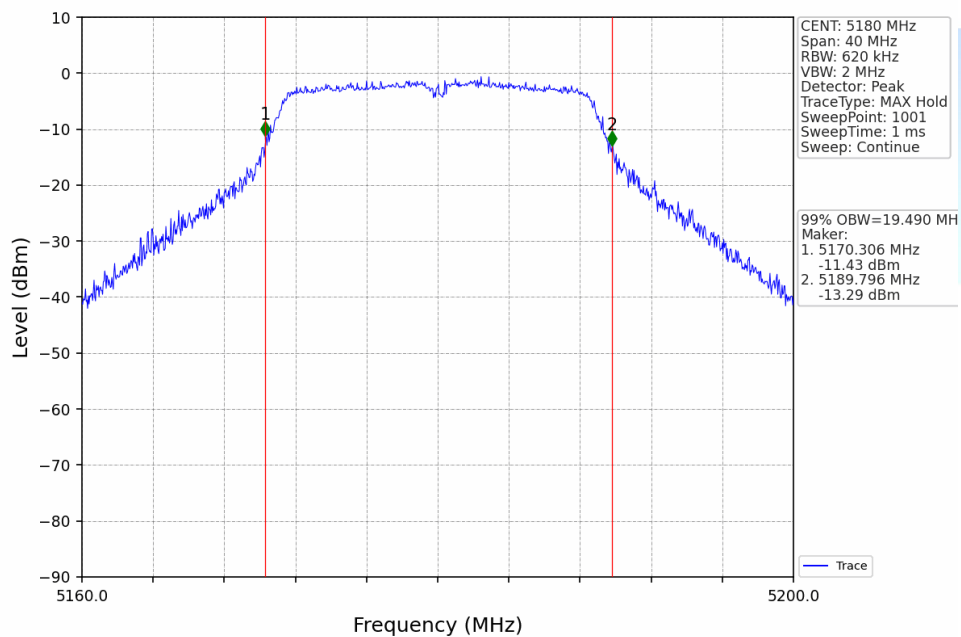
2.2.1 OBW



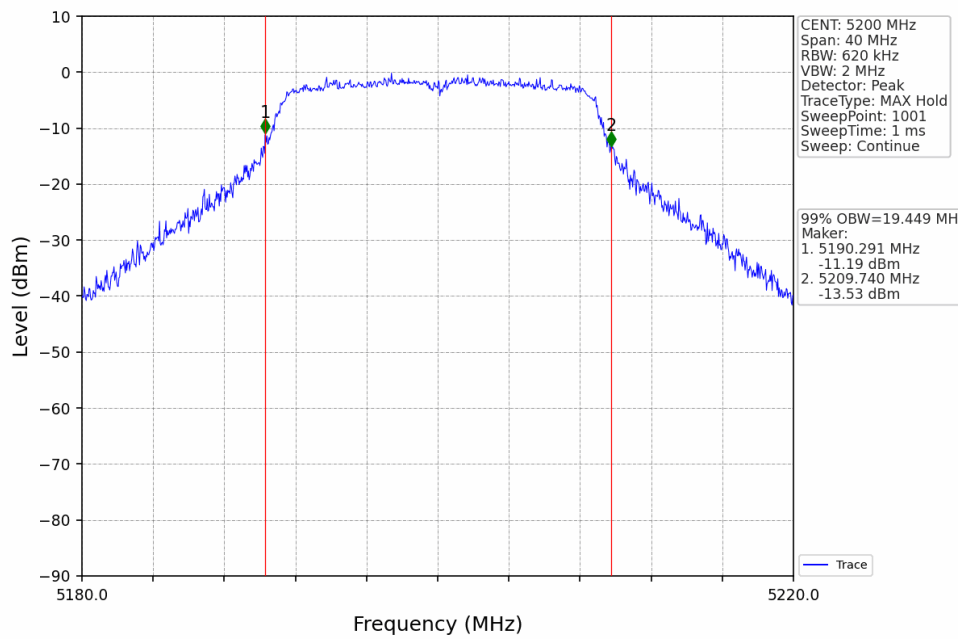
802.11a_HCH_5240MHz_Ant1_NTNV



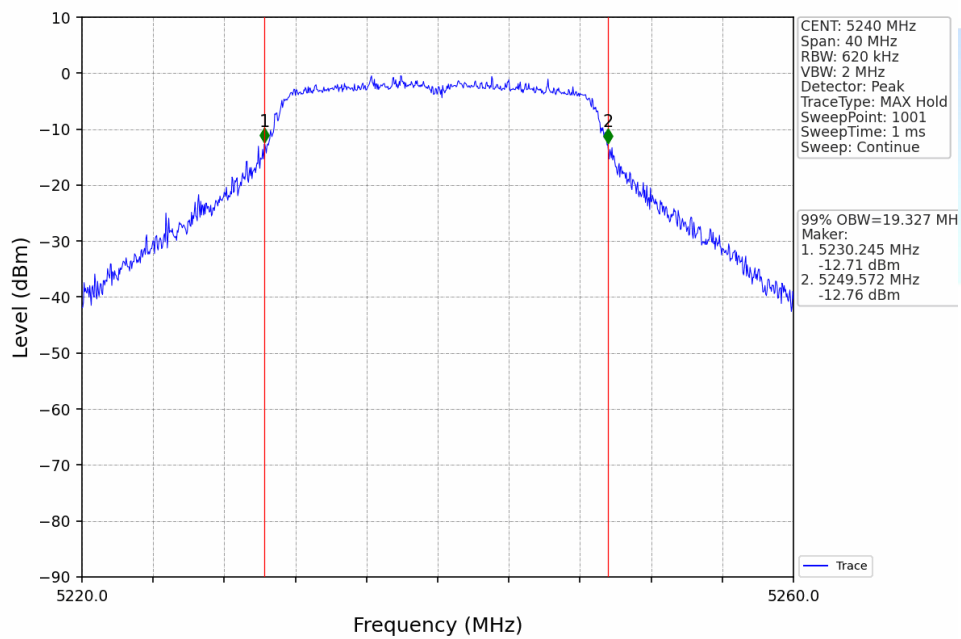
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



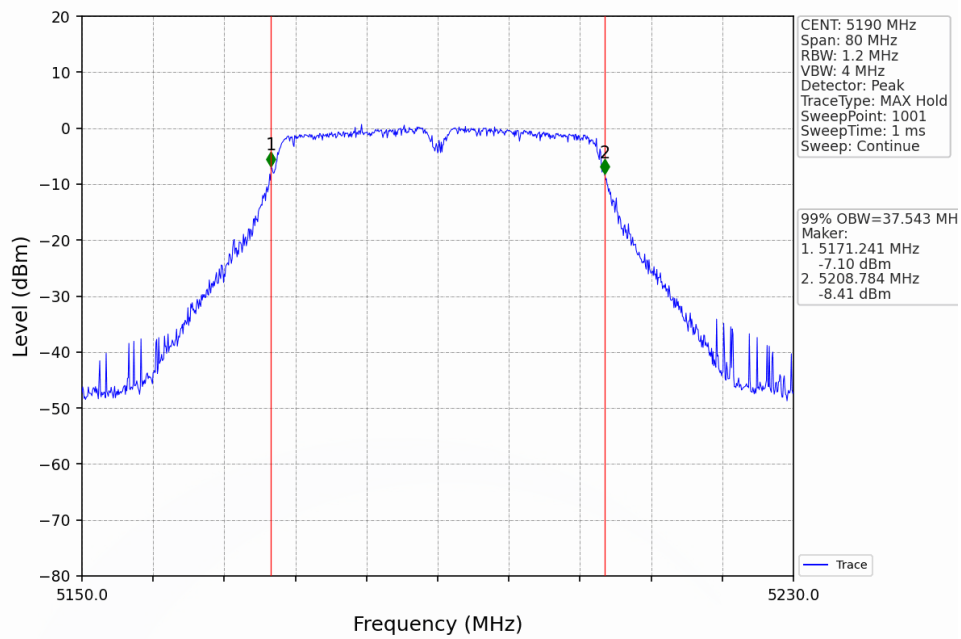
802.11n(HT20) MCH 5200MHz_Ant1_NTNV



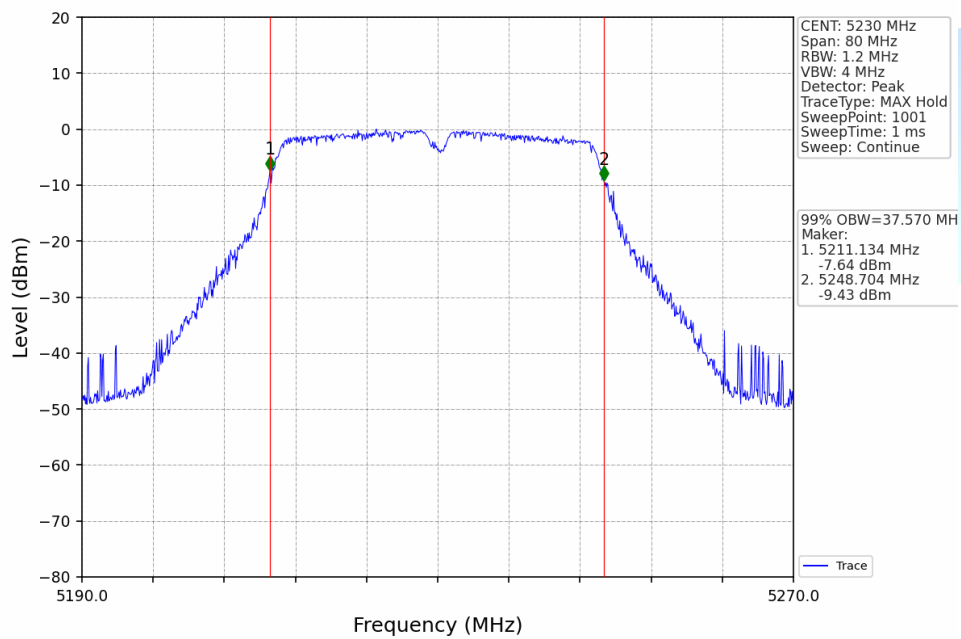
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



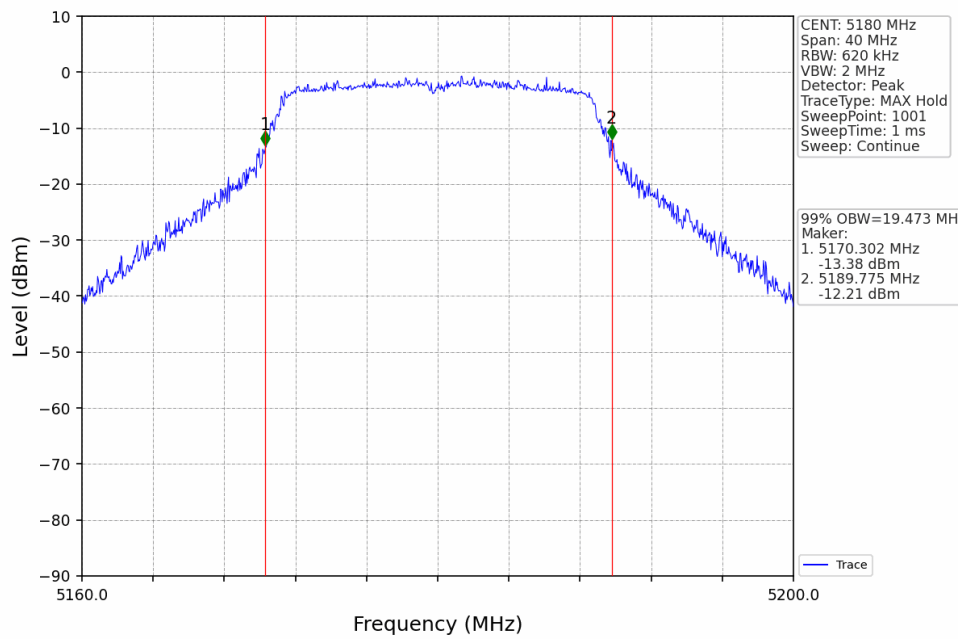
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



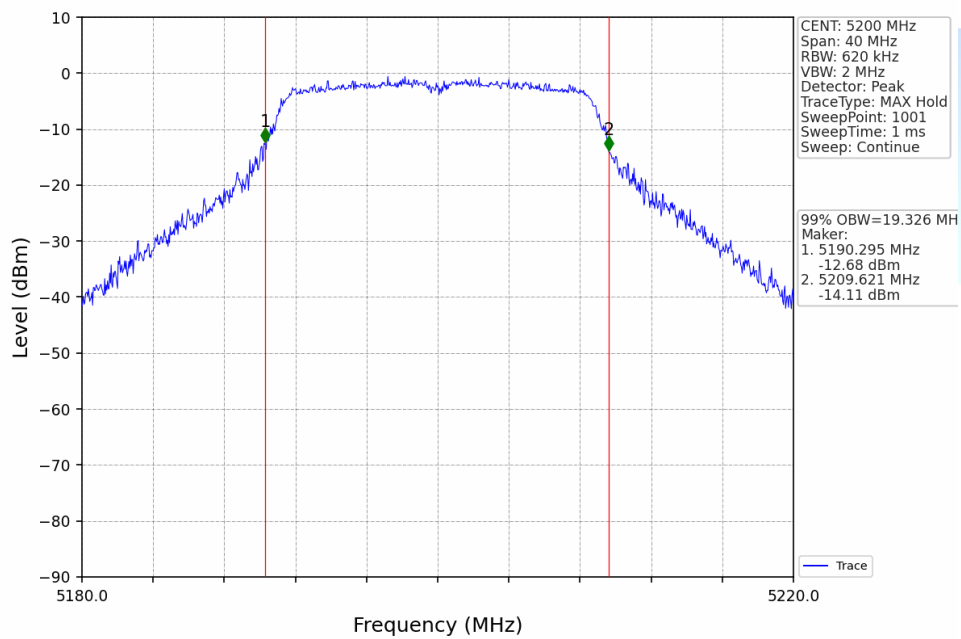
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



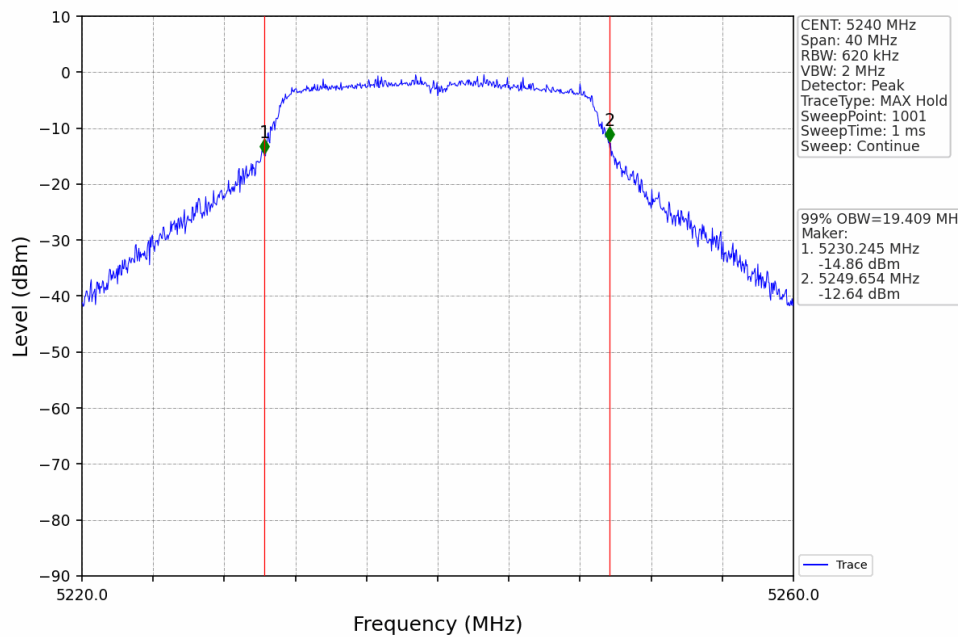
802.11ac(VHT20) LCH 5180MHz_Ant1_NTNV



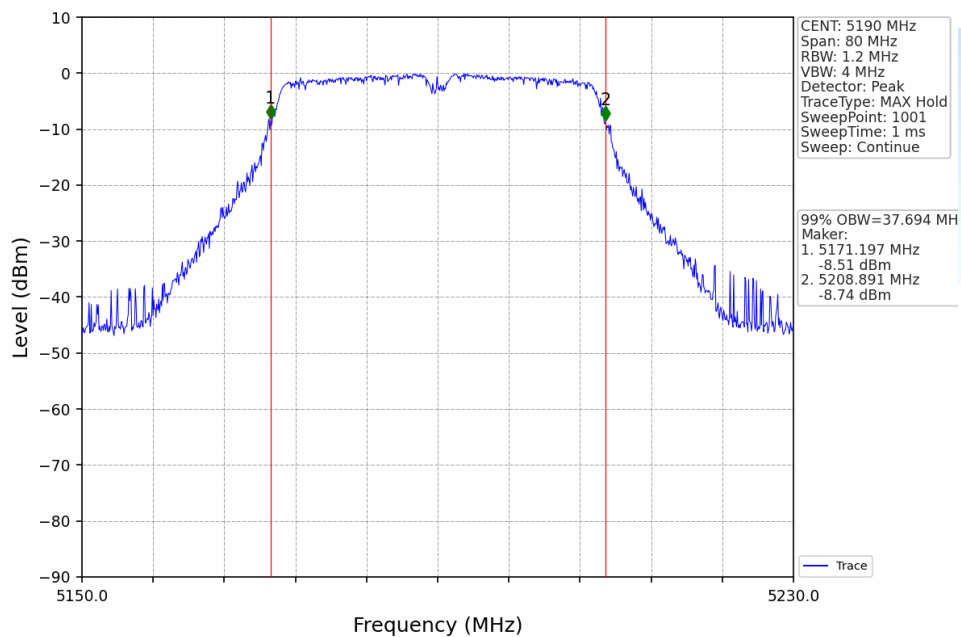
802.11ac(VHT20) MCH 5200MHz_Ant1_NTNV



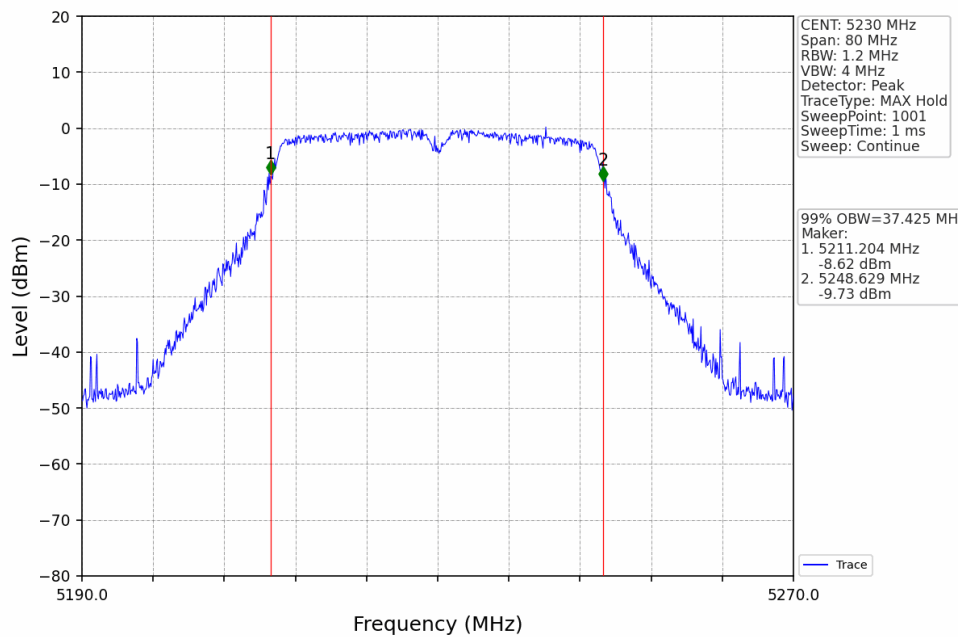
802.11ac(VHT20) HCH 5240MHz Ant1_NTNV



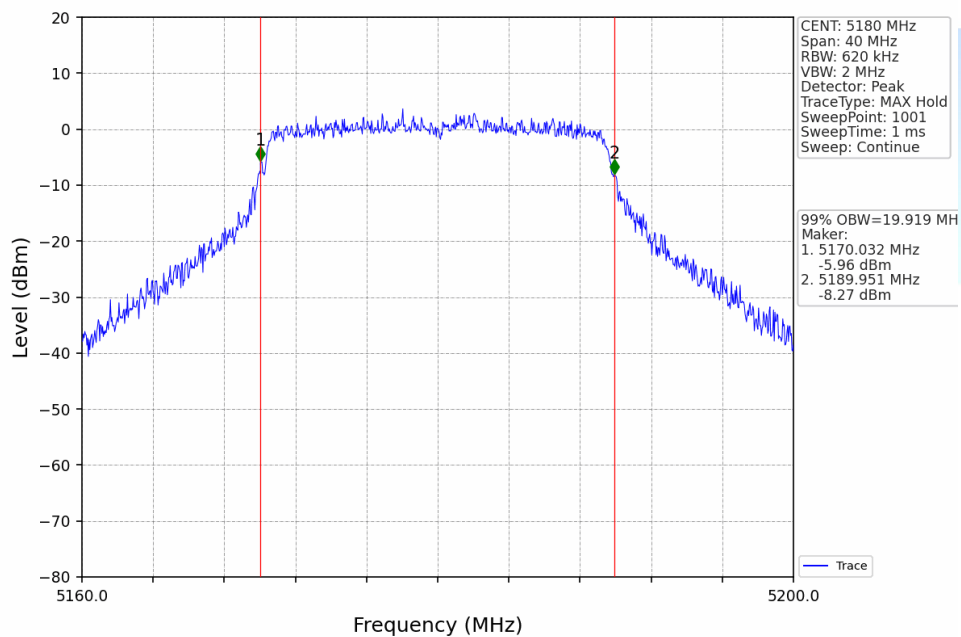
802.11ac(VHT40) LCH 5190MHz Ant1_NTNV



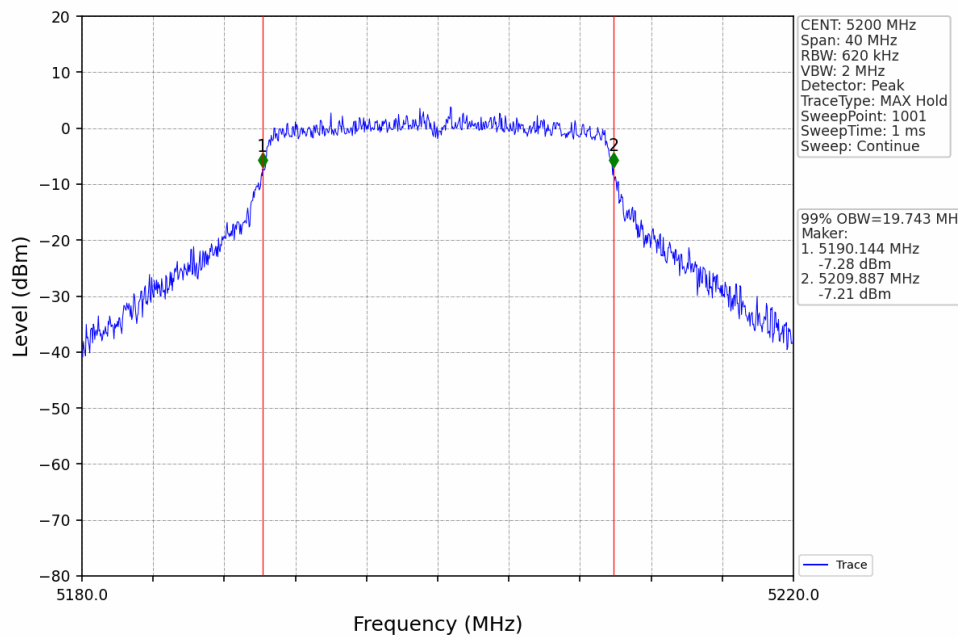
802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV



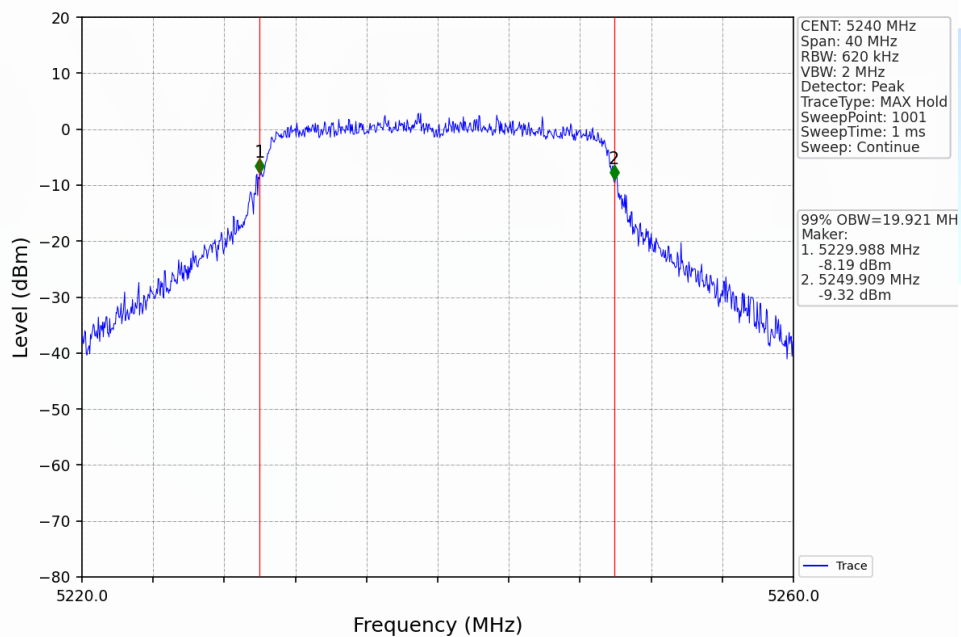
802.11ax(HEW20) LCH_5180MHz_RU242_Left_Ant1_NTNV



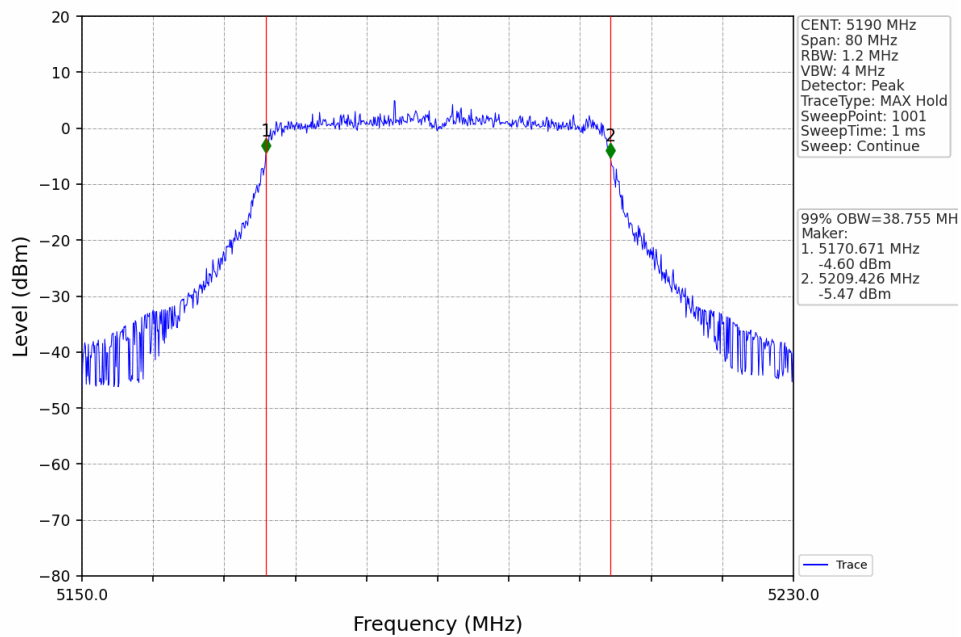
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



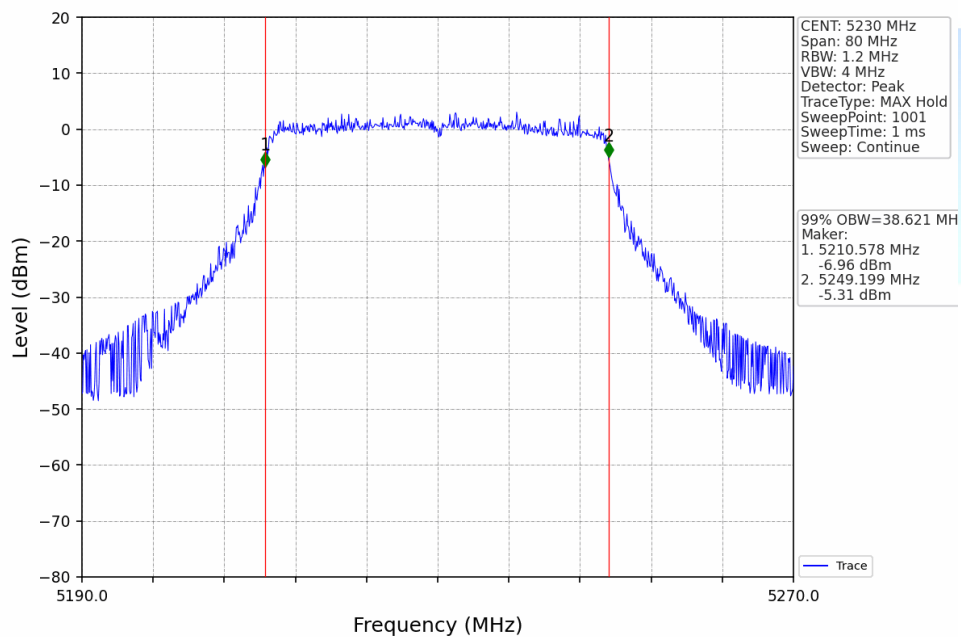
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



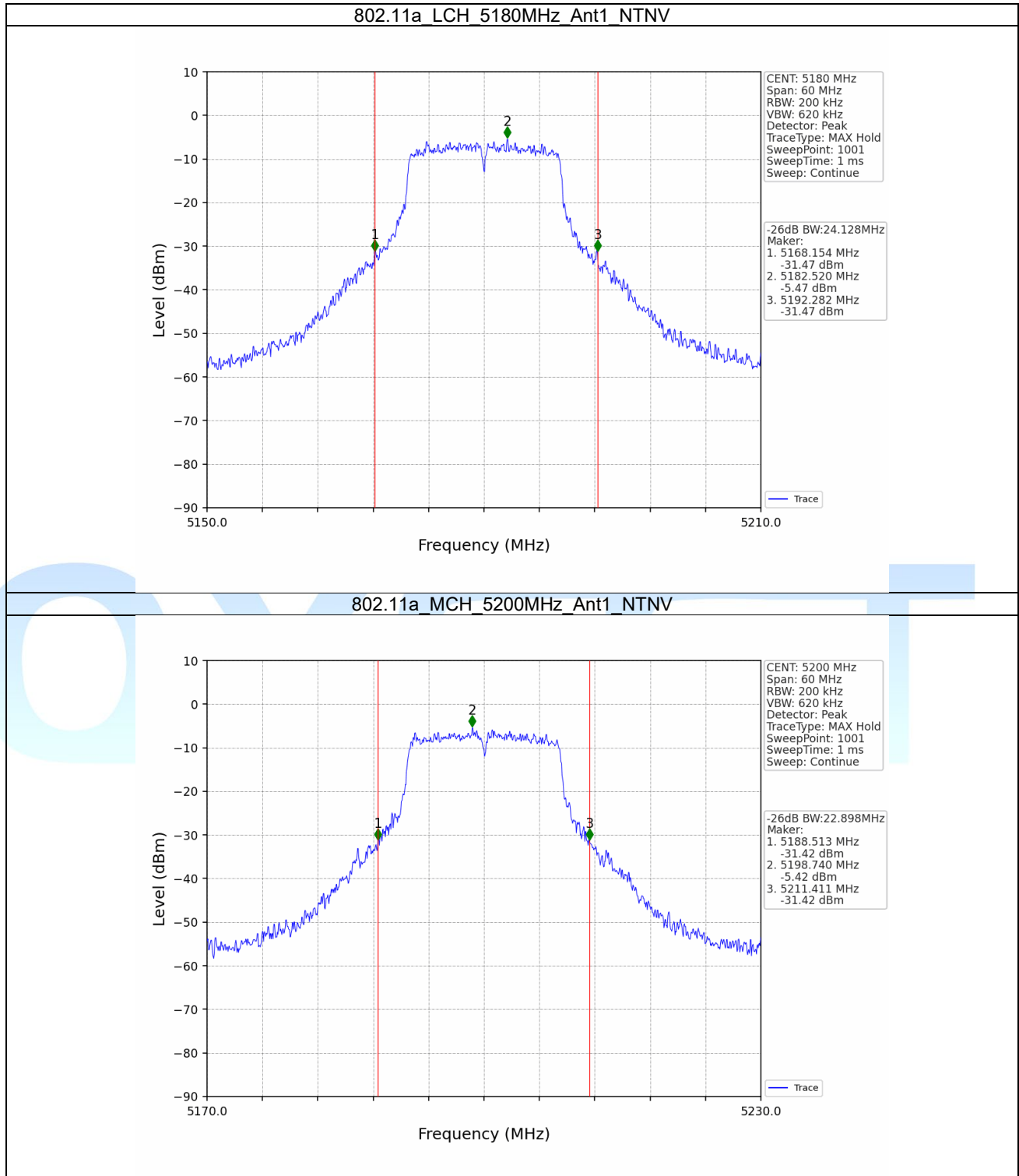
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



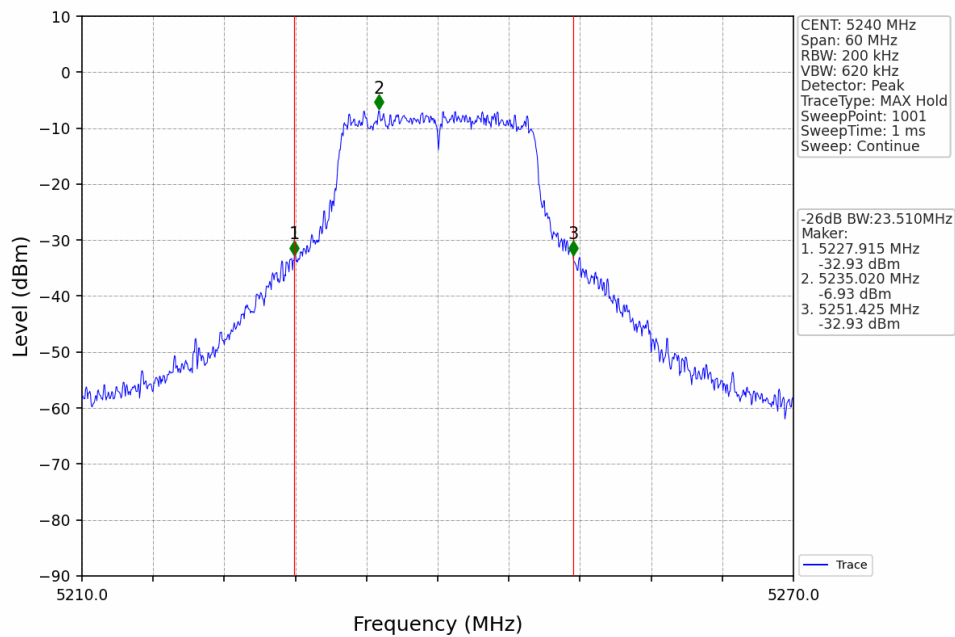
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



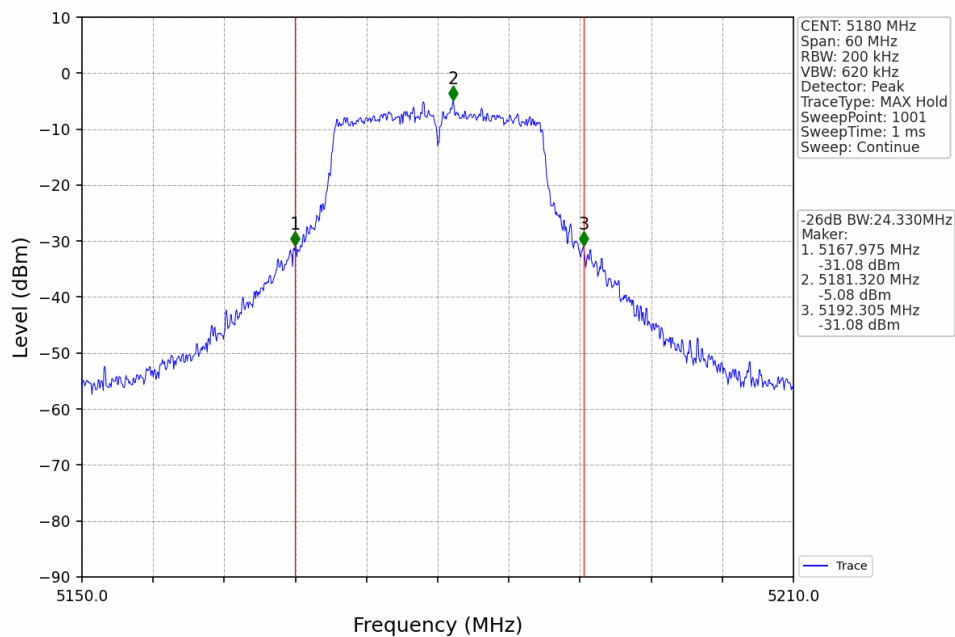
2.2.2 26dB BW



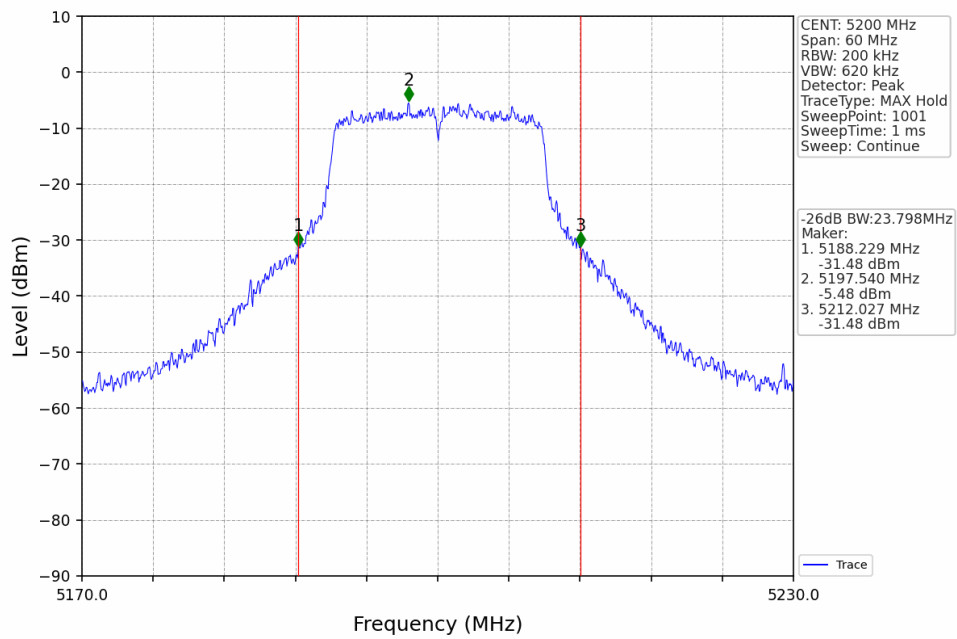
802.11a_HCH_5240MHz_Ant1_NTNV



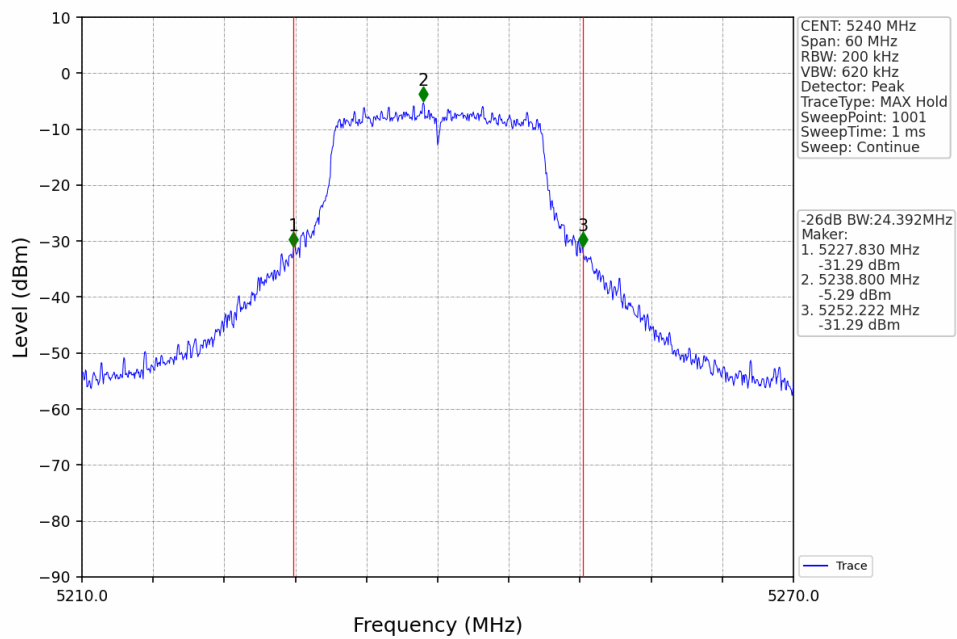
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



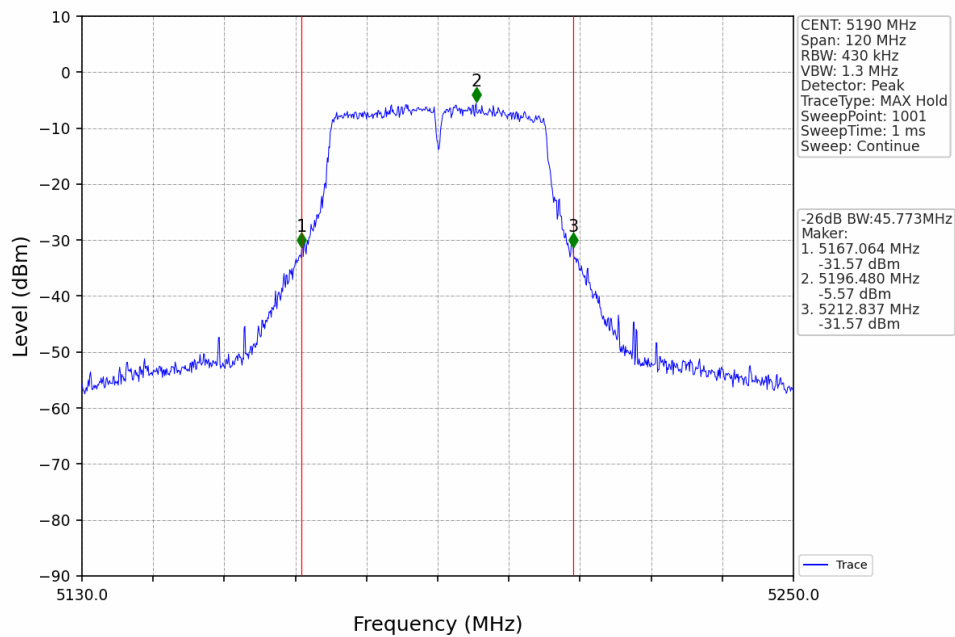
802.11n(HT20) MCH 5200MHz_Ant1_NTNV



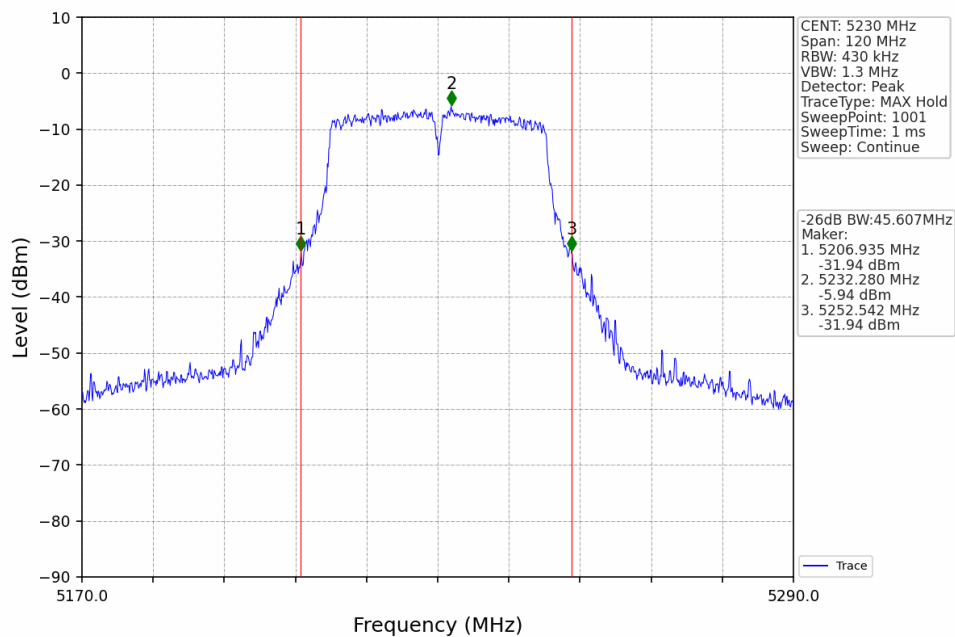
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



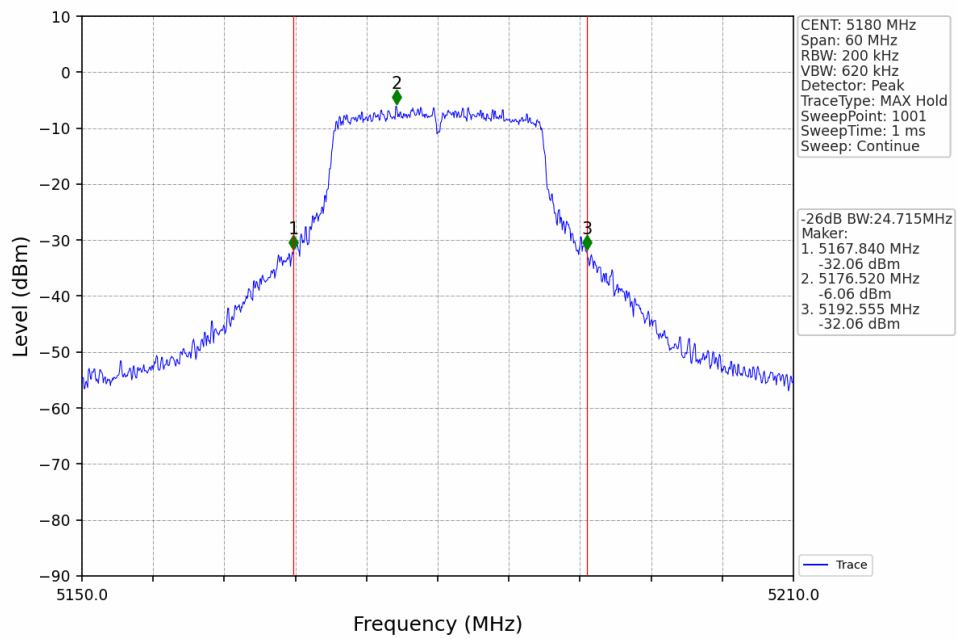
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



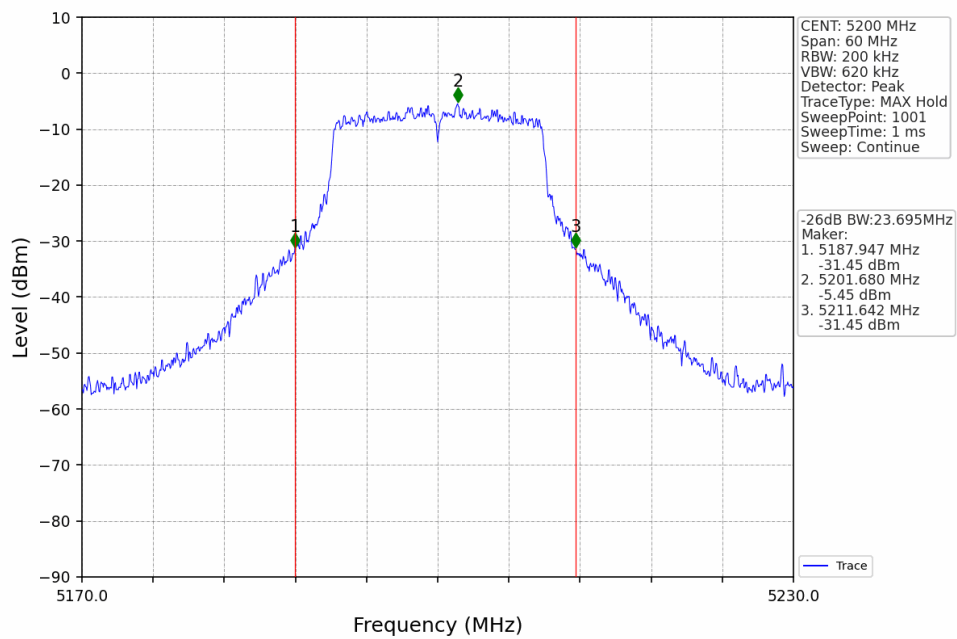
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



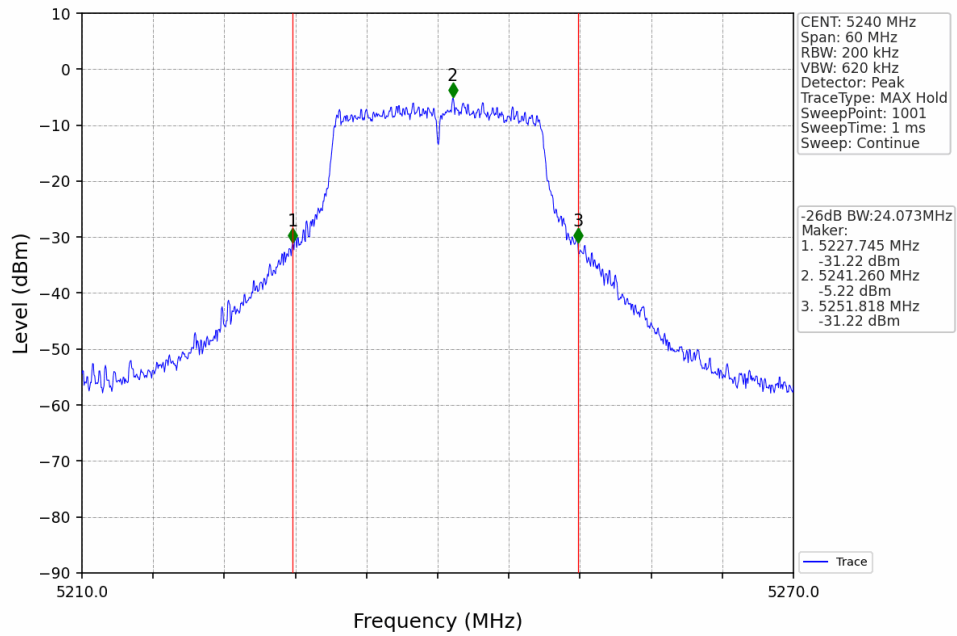
802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV



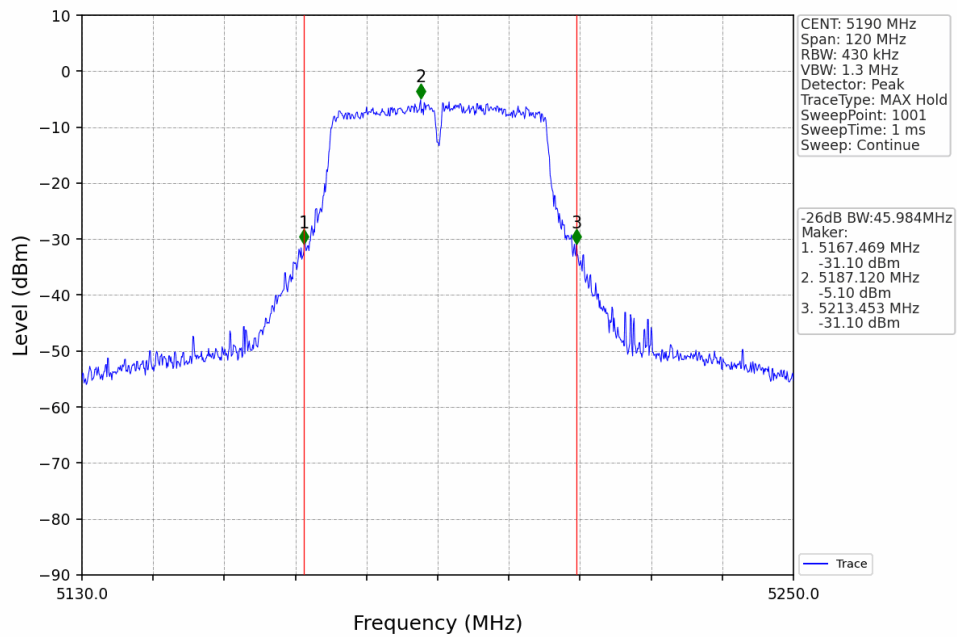
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



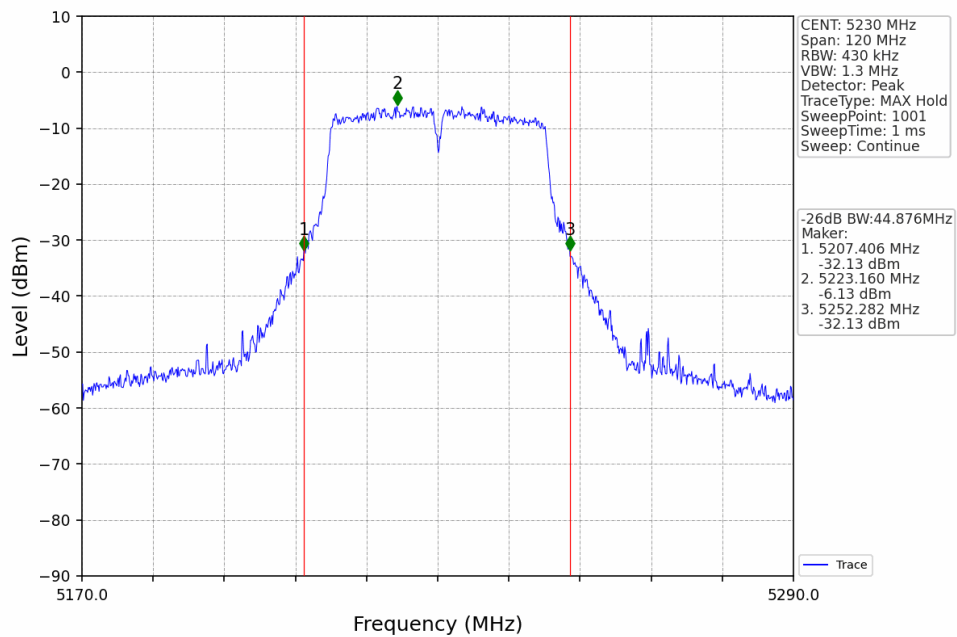
802.11ac(VHT20) HCH 5240MHz_Ant1_NTNV



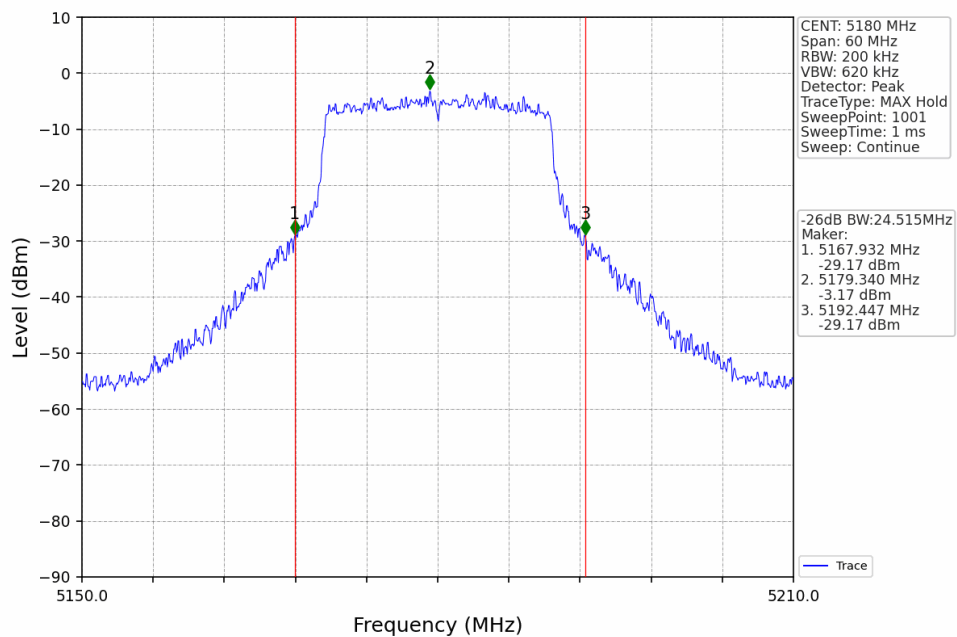
802.11ac(VHT40) LCH 5190MHz_Ant1_NTNV



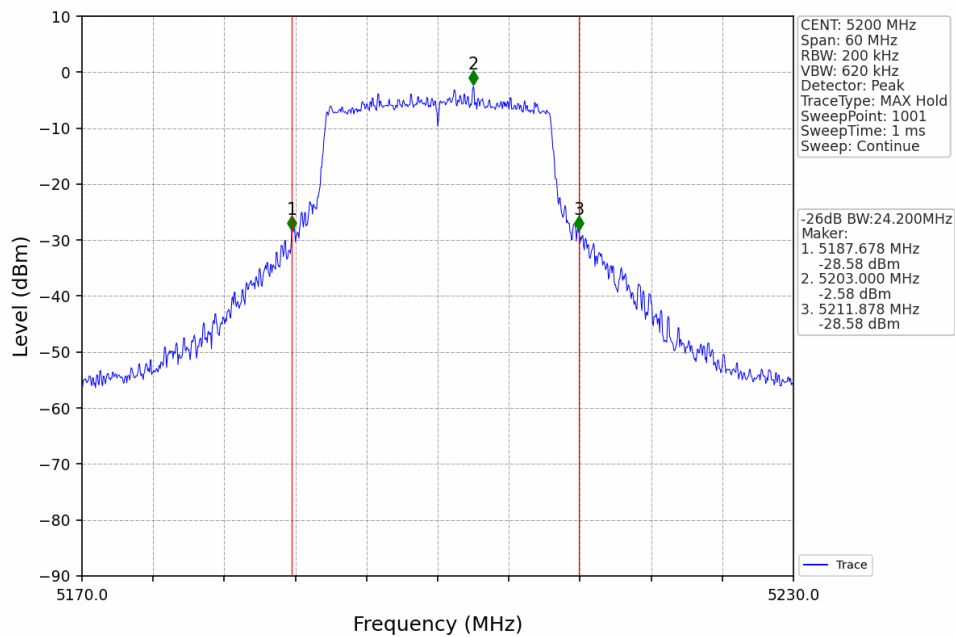
802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV



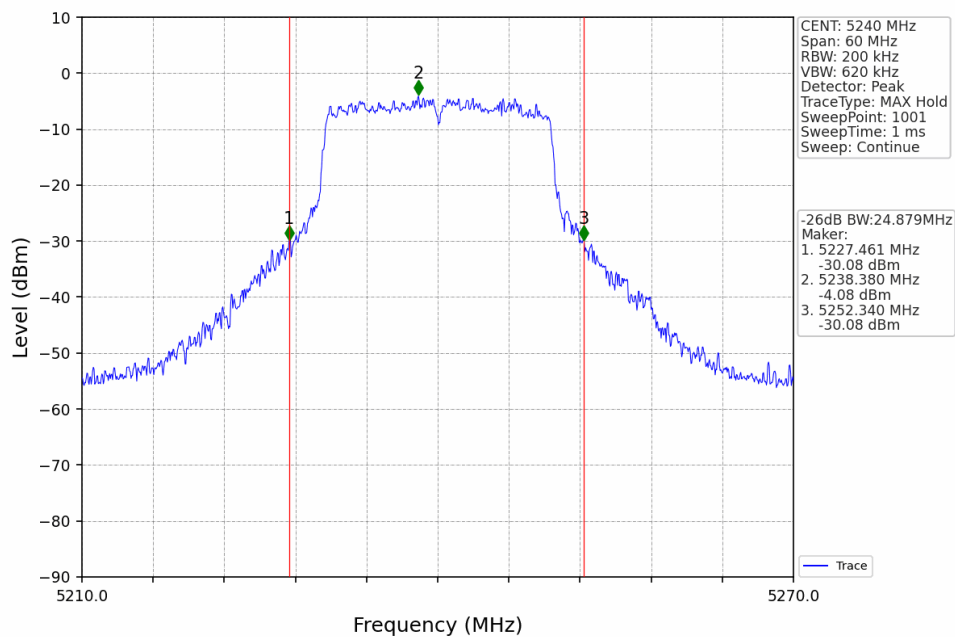
802.11ax(HEW20) LCH_5180MHz_RU242_Left_Ant1_NTNV



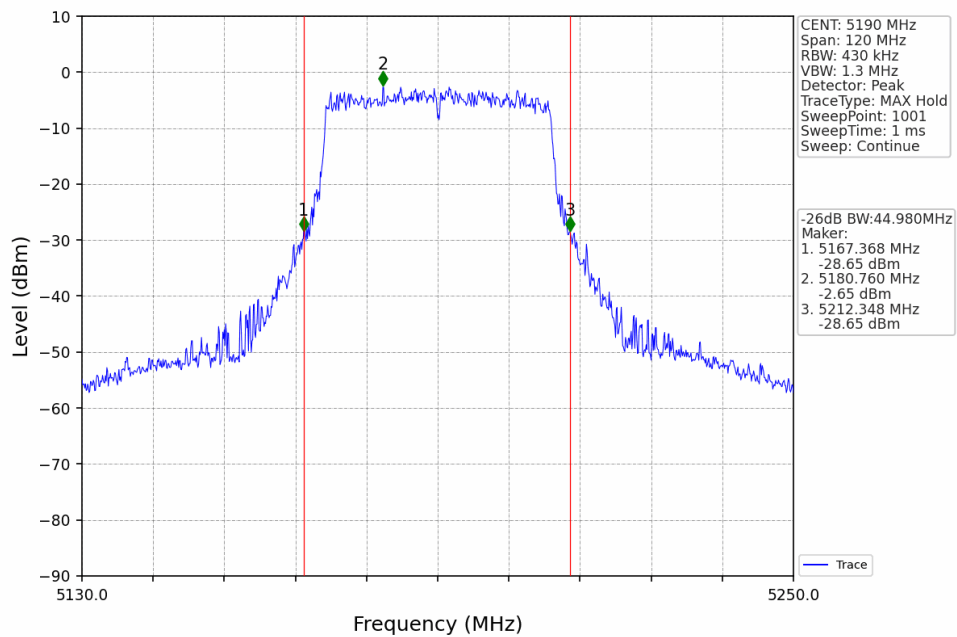
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



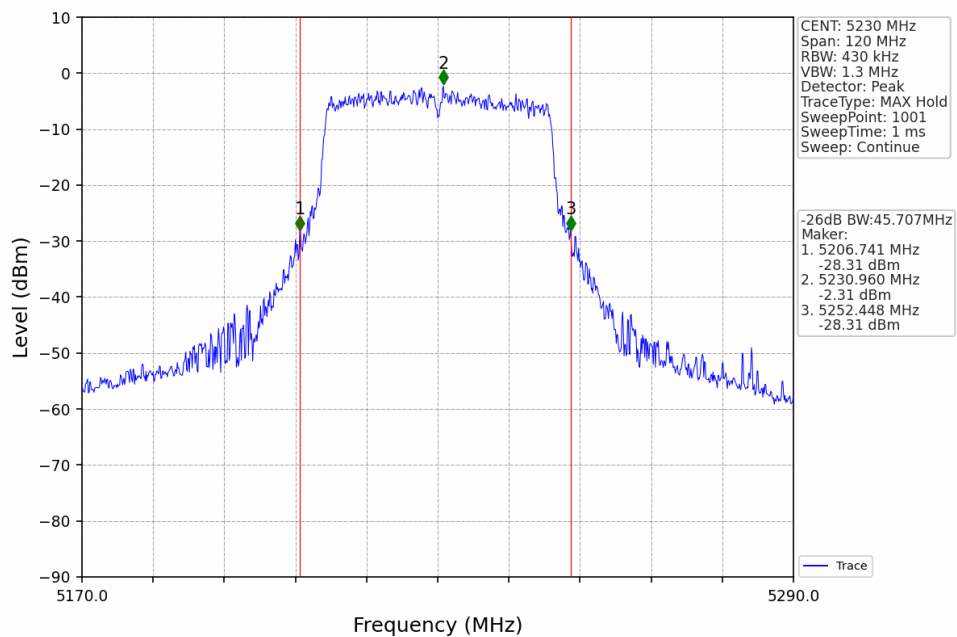
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_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	5180	/	/	4.79	<=23.98	Pass
		5200	/	/	5.64	<=23.98	Pass
		5240	/	/	4.53	<=23.98	Pass
802.11n (HT20)	SISO	5180	/	/	5.26	<=23.98	Pass
		5200	/	/	5.07	<=23.98	Pass
		5240	/	/	4.34	<=23.98	Pass
802.11n (HT40)	SISO	5190	/	/	4.99	<=23.98	Pass
		5230	/	/	4.03	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	/	/	4.96	<=23.98	Pass
		5200	/	/	5.28	<=23.98	Pass
		5240	/	/	4.59	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	/	/	4.94	<=23.98	Pass
		5230	/	/	4.56	<=23.98	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	5.89	<=23.98	Pass
		5200	RU242	Left	6.39	<=23.98	Pass
		5240	RU242	Left	5.28	<=23.98	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	6.02	<=23.98	Pass
		5230	RU484	Left	6.00	<=23.98	Pass

Note1: Antenna Gain: Ant1: 2.92dBi;

4. Maximum Power Spectral Density

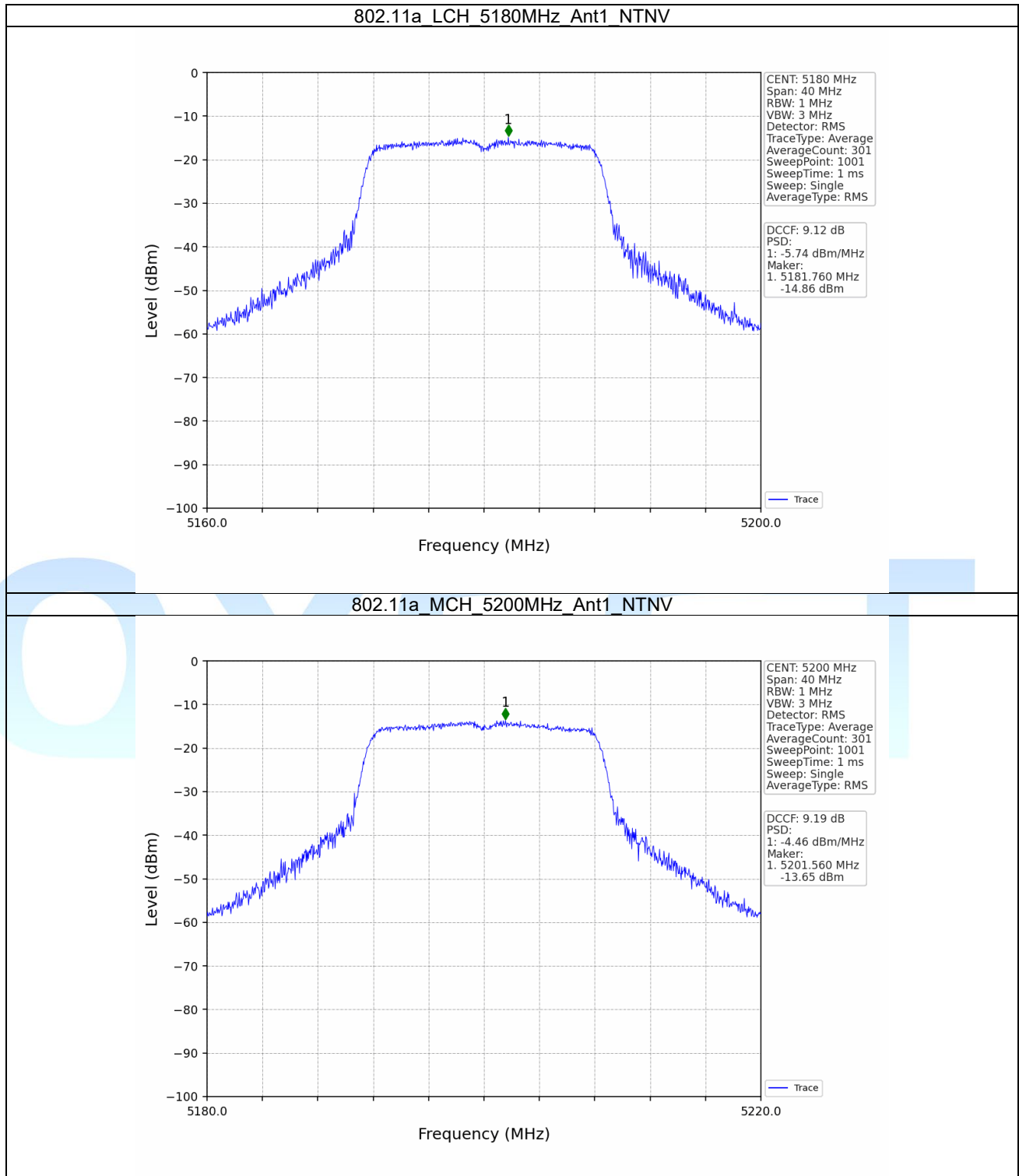
4.1 Test Result

4.1.1 PSD

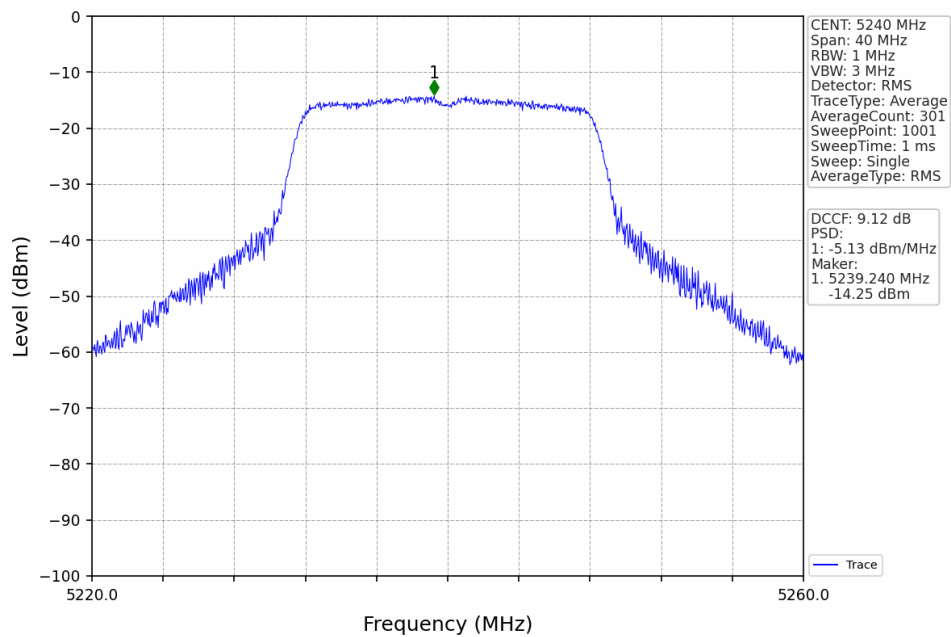
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	-5.74	<=11	Pass
		5200	/	/	-4.46	<=11	Pass
		5240	/	/	-5.13	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	-6.25	<=11	Pass
		5200	/	/	-5.72	<=11	Pass
		5240	/	/	-6.18	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-8.91	<=11	Pass
		5230	/	/	-9.97	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	-5.91	<=11	Pass
		5200	/	/	-5.53	<=11	Pass
		5240	/	/	-6.29	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-9.22	<=11	Pass
		5230	/	/	-9.20	<=11	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	-4.62	<=11	Pass
		5200	RU242	Left	-5.13	<=11	Pass
		5240	RU242	Left	-5.88	<=11	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	-8.52	<=11	Pass
		5230	RU484	Left	-8.47	<=11	Pass
Note1: Antenna Gain: Ant1: 2.92dBi; Note2: Test result contains DCCF							

4.2 Test Graph

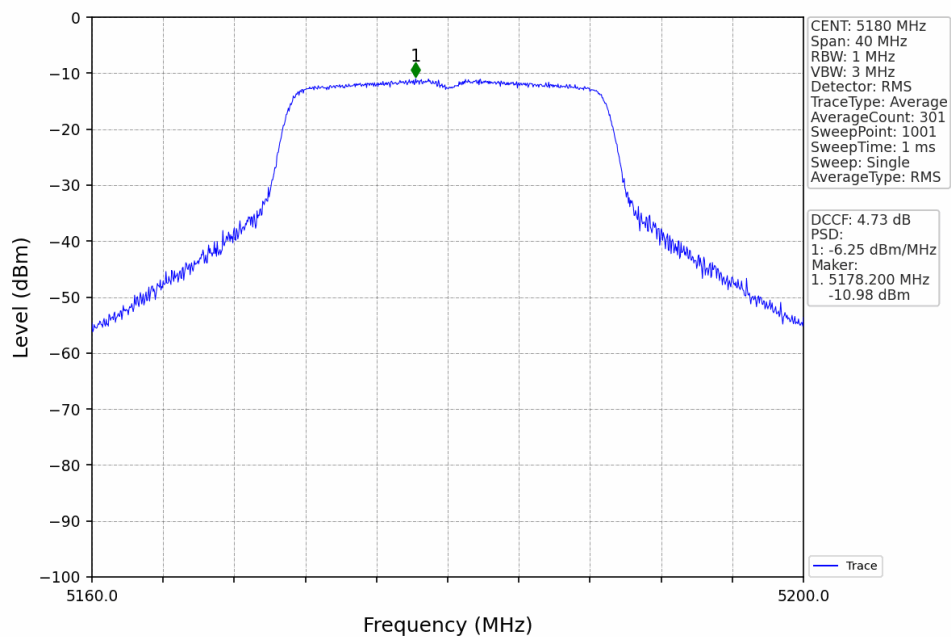
4.2.1 PSD



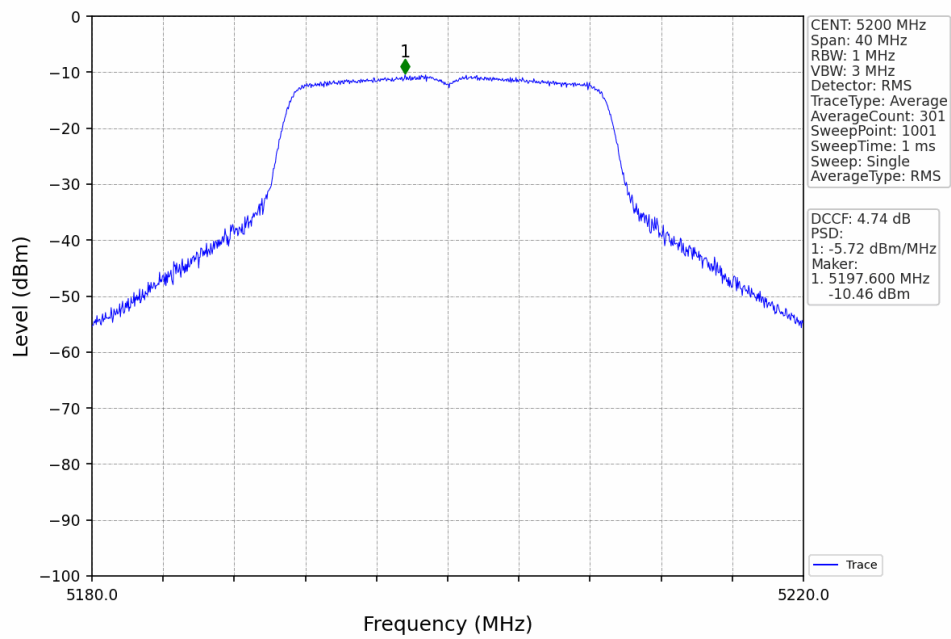
802.11a_HCH_5240MHz_Ant1_NTNV



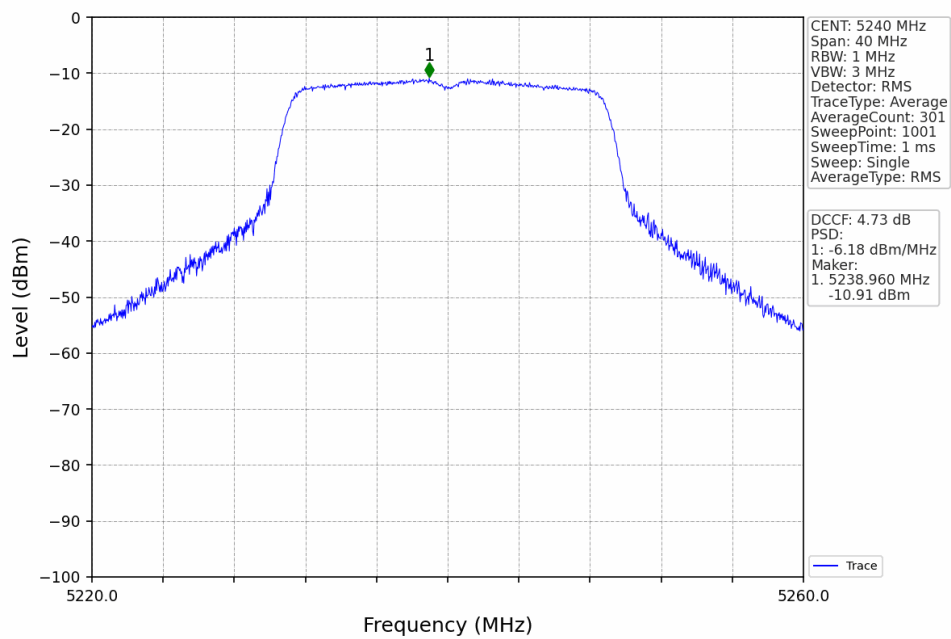
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



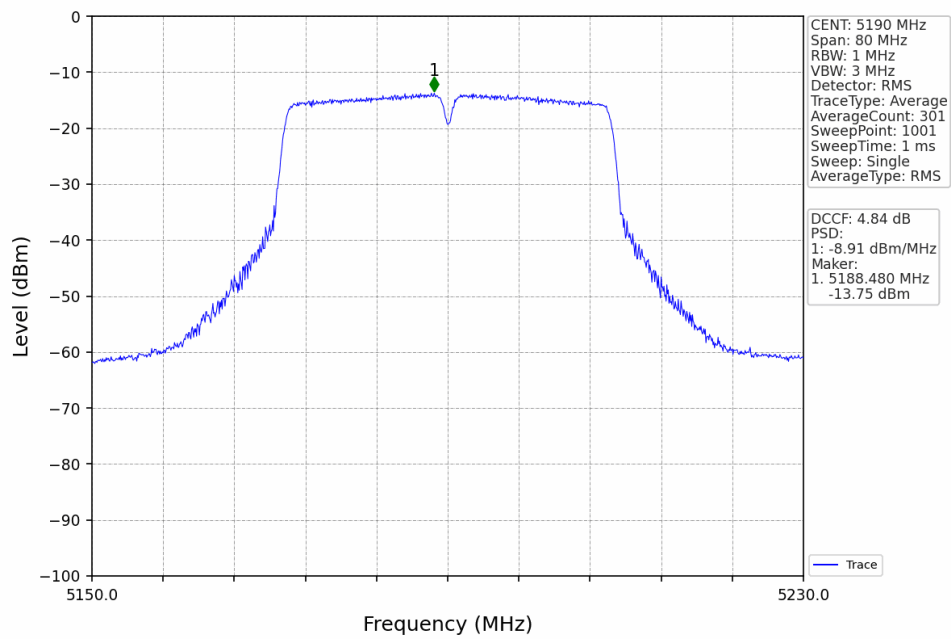
802.11n(HT20) MCH 5200MHz_Ant1_NTNV



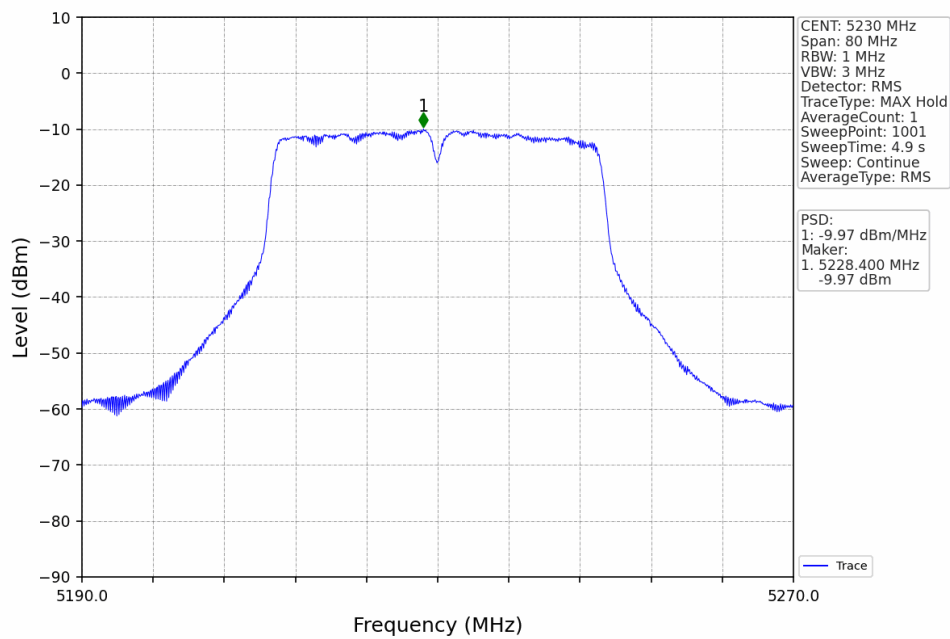
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



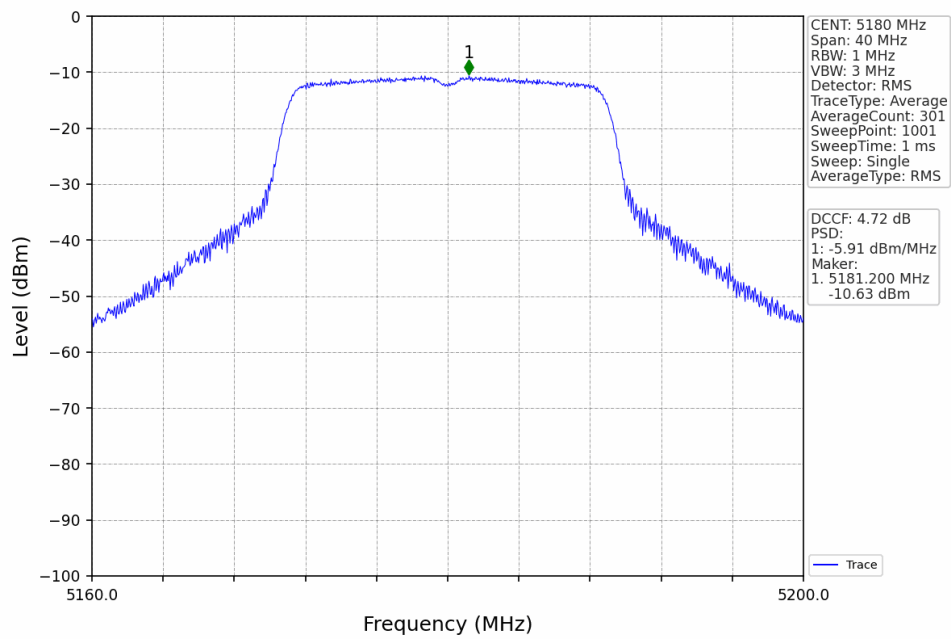
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



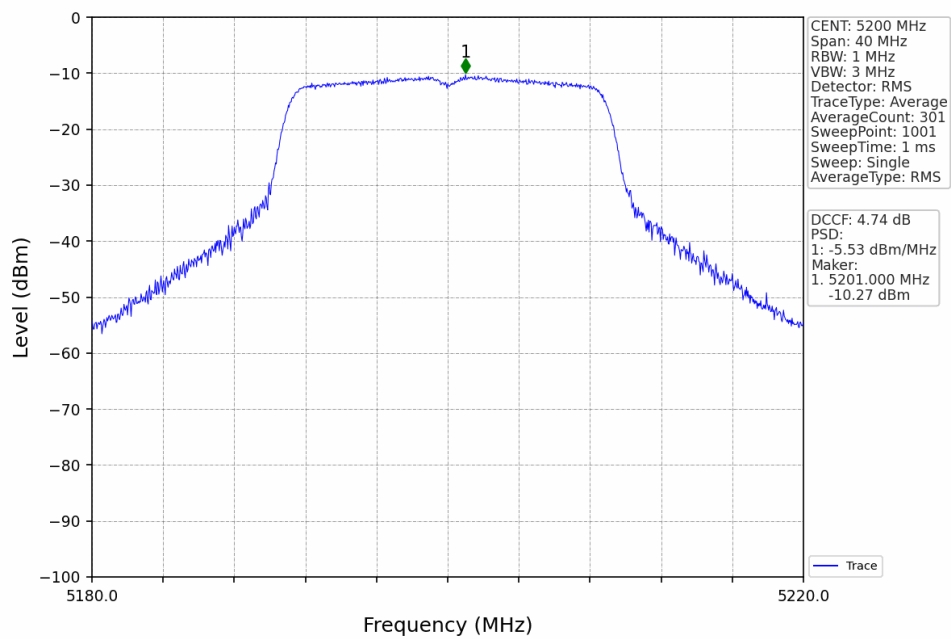
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



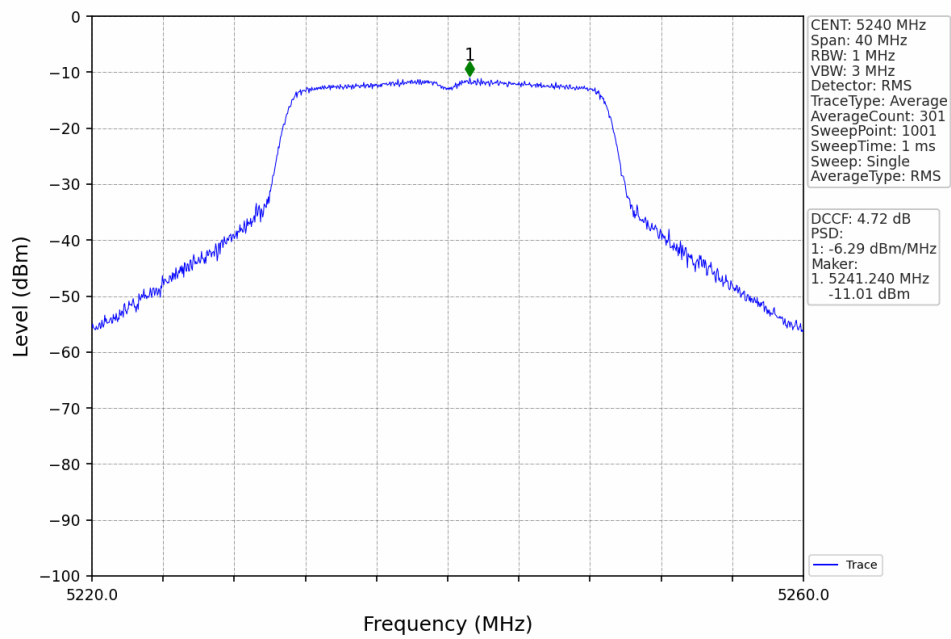
802.11ac(VHT20) LCH 5180MHz_Ant1_NTNV



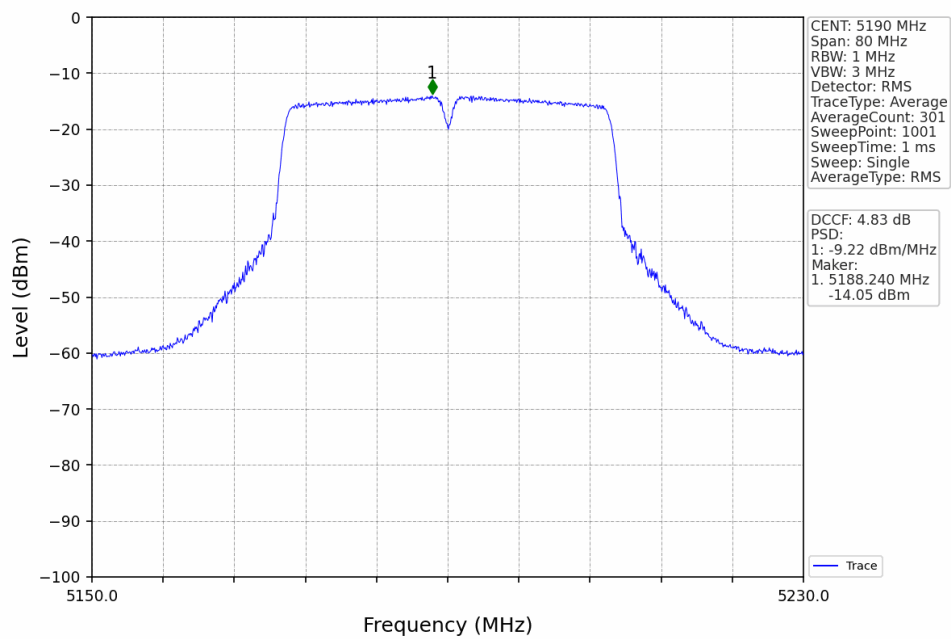
802.11ac(VHT20) MCH 5200MHz_Ant1_NTNV



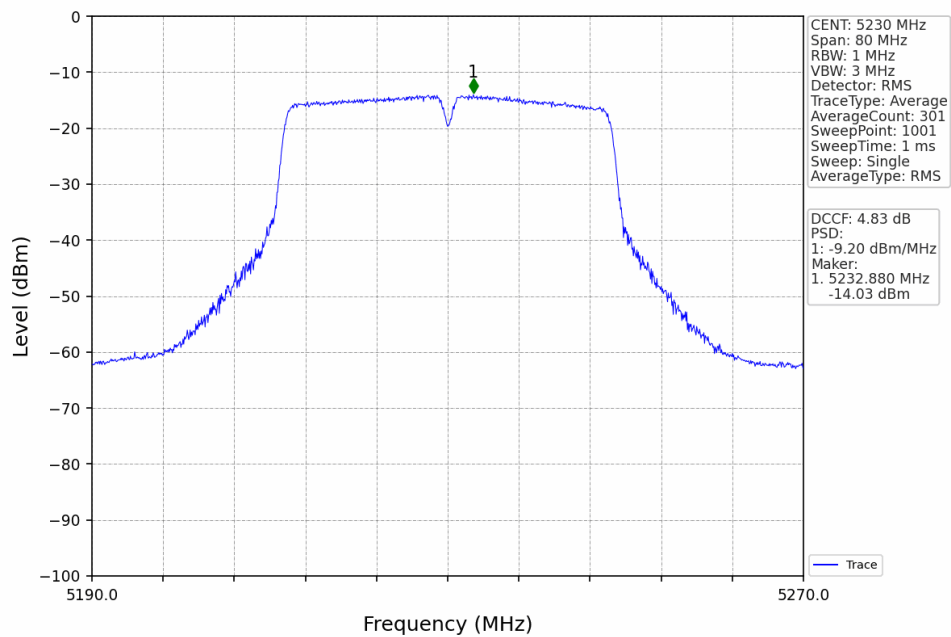
802.11ac(VHT20) HCH 5240MHz_Ant1_NTNV



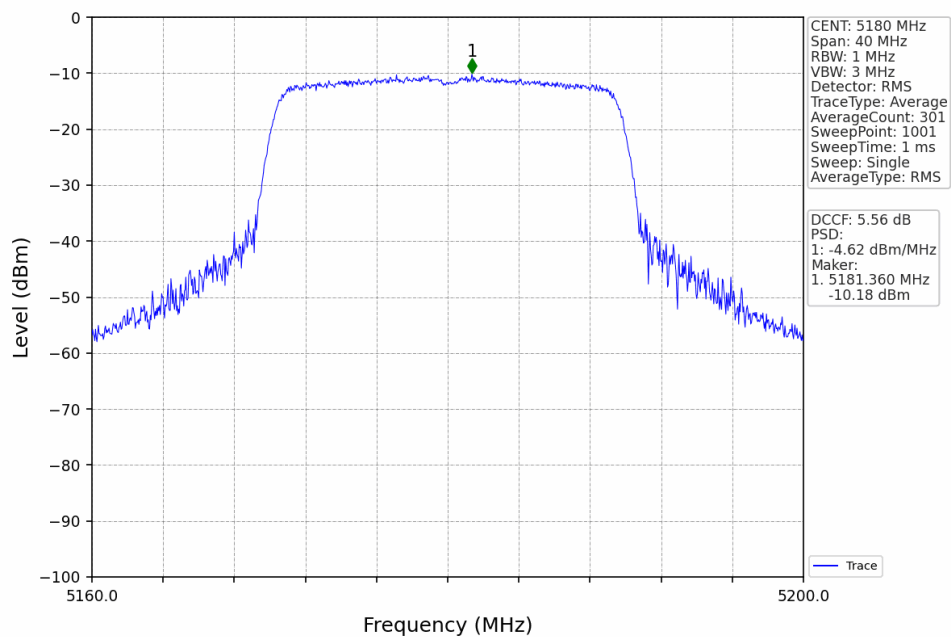
802.11ac(VHT40) LCH 5190MHz_Ant1_NTNV



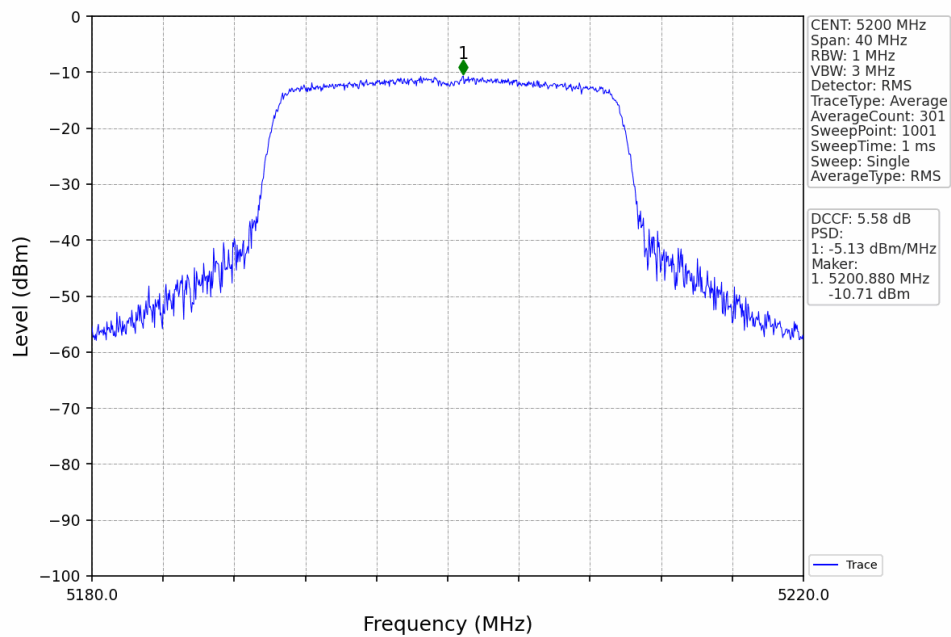
802.11ac(VHT40) HCH 5230MHz_Ant1_NTNV



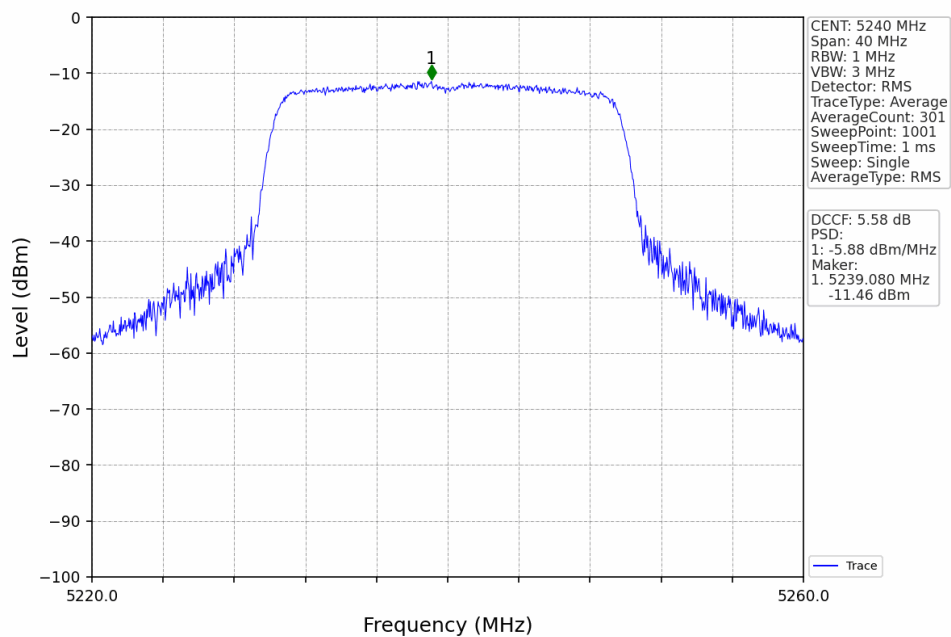
802.11ax(HEW20) LCH 5180MHz_RU242_Left_Ant1_NTNV



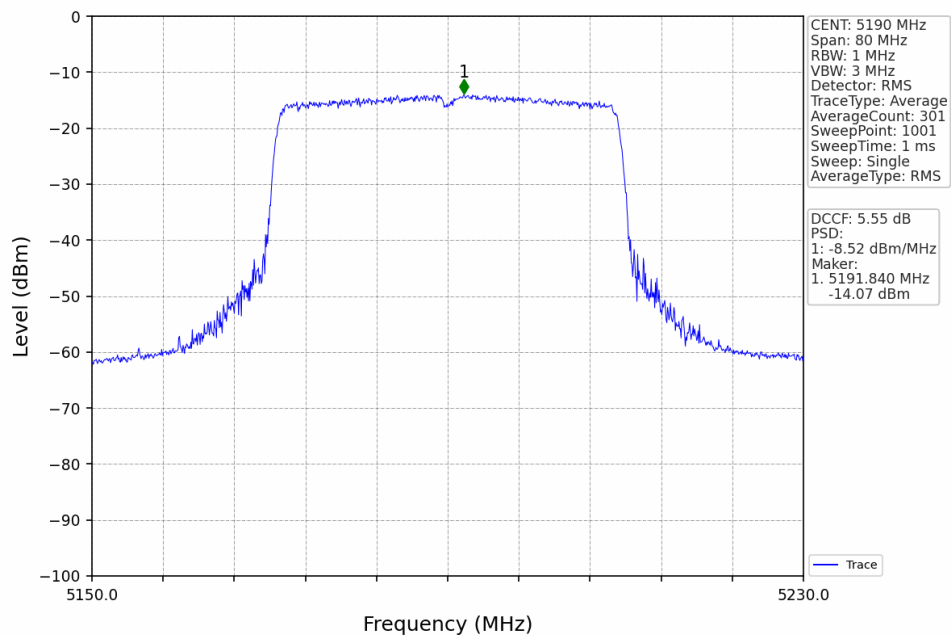
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



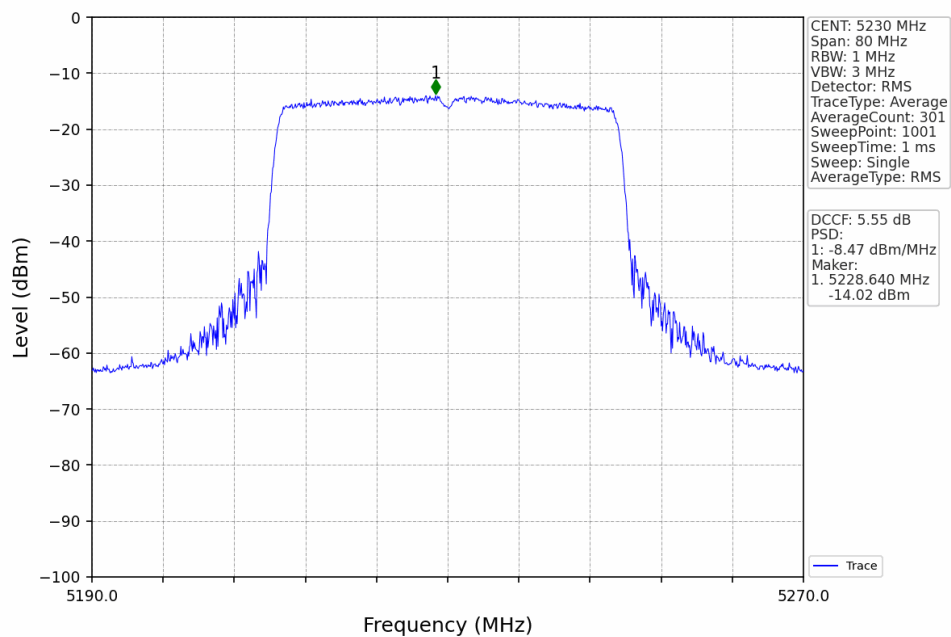
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

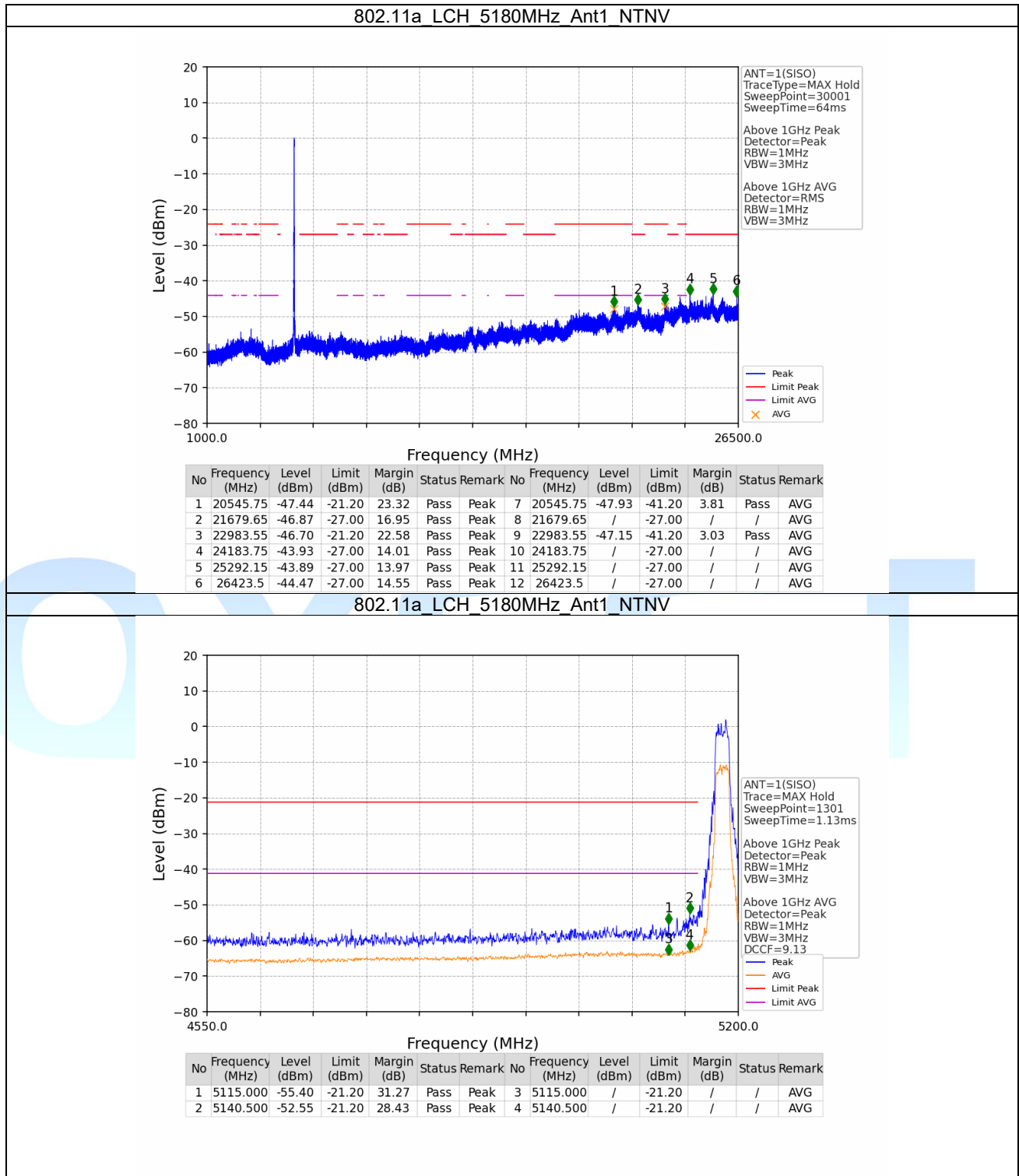
5.1 Test Result

5.1.1 RSE

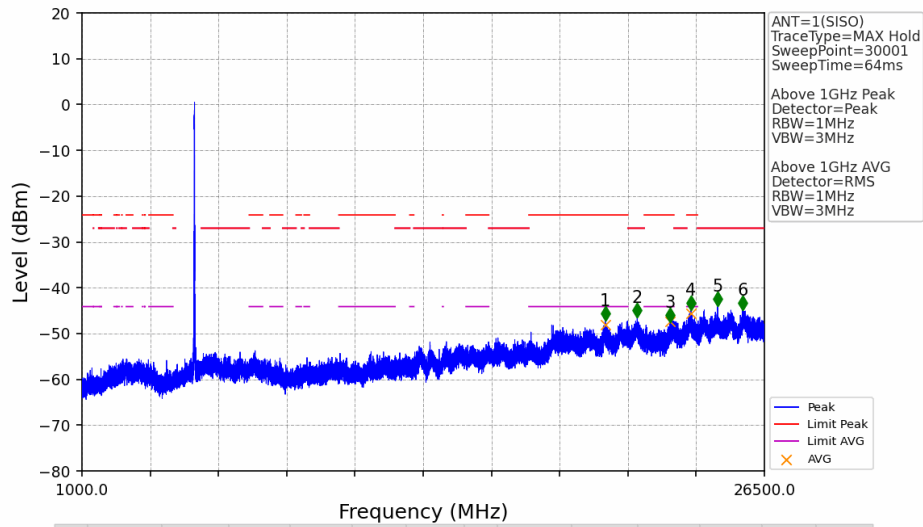
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	Refer To Test Graph		Pass
		5200	/	/	1	Refer To Test Graph		Pass
		5240	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	/	/	1	Refer To Test Graph		Pass
		5200	/	/	1	Refer To Test Graph		Pass
		5240	/	/	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5190	/	/	1	Refer To Test Graph		Pass
		5230	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	5180	/	/	1	Refer To Test Graph		Pass
		5200	/	/	1	Refer To Test Graph		Pass
		5240	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT40)	SISO	5190	/	/	1	Refer To Test Graph		Pass
		5230	/	/	1	Refer To Test Graph		Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	1	Refer To Test Graph		Pass
		5200	RU242	Left	1	Refer To Test Graph		Pass
		5240	RU242	Left	1	Refer To Test Graph		Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	1	Refer To Test Graph		Pass
		5230	RU484	Left	1	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 RSE

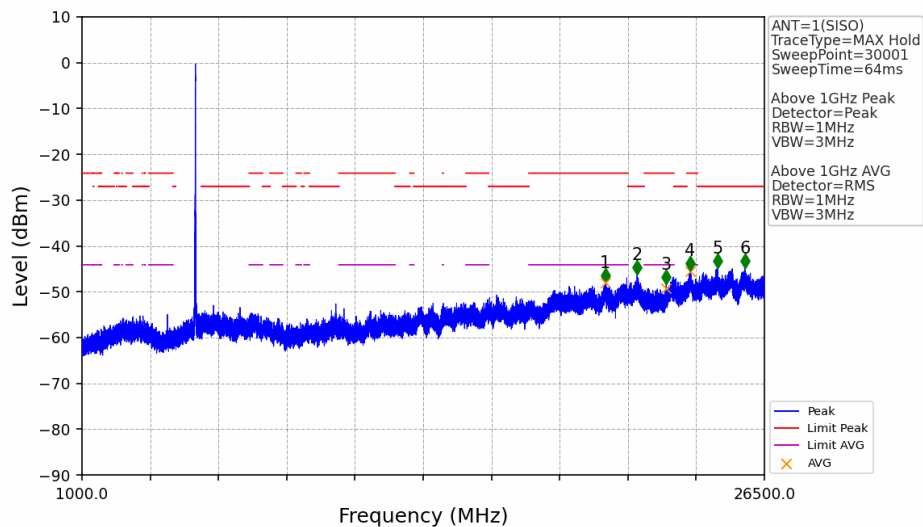


802.11a_MCH_5200MHz_Ant1_NTNV



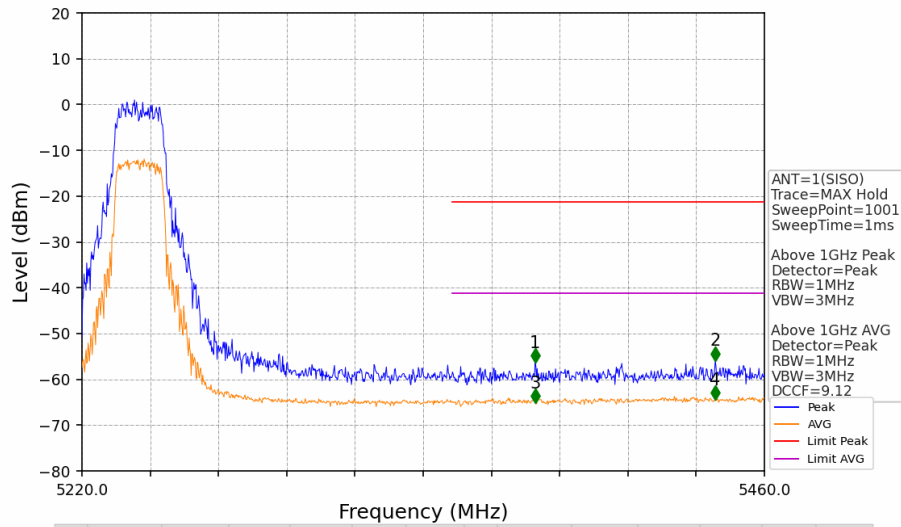
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20555.1	-47.25	-21.20	23.13	Pass	Peak	7	20555.1	-48.08	-41.20	3.96	Pass	AVG
2	21746.8	-46.55	-27.00	16.64	Pass	Peak	8	21746.8	/	-27.00	/	/	AVG
3	22971.65	-47.50	-21.20	23.38	Pass	Peak	9	22971.65	-47.36	-41.20	3.24	Pass	AVG
4	23755.35	-44.88	-21.20	20.76	Pass	Peak	10	23755.35	-45.65	-41.20	1.53	Pass	AVG
5	24753.25	-44.09	-27.00	14.17	Pass	Peak	11	24753.25	/	-27.00	/	/	AVG
6	25678.9	-44.85	-27.00	14.93	Pass	Peak	12	25678.9	/	-27.00	/	/	AVG

802.11a_HCH_5240MHz_Ant1_NTNV

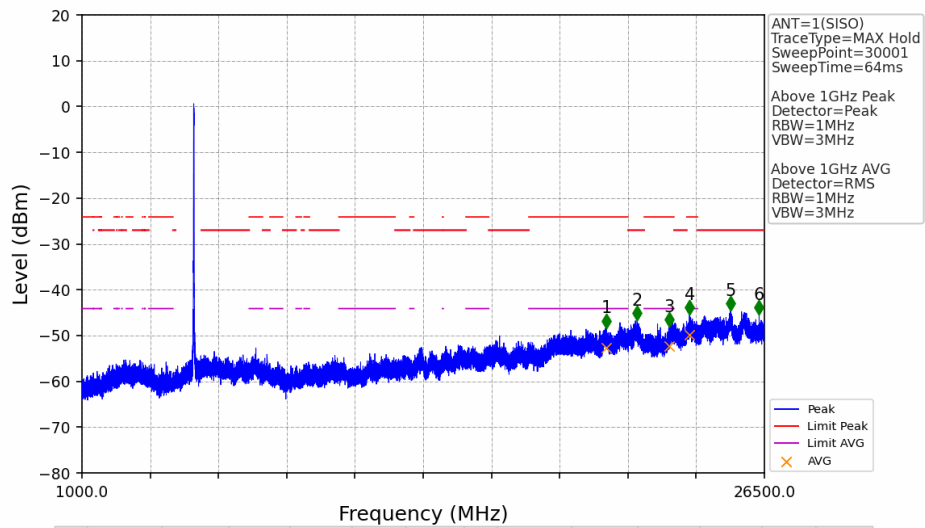


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20552.55	-47.98	-21.20	23.86	Pass	Peak	7	20552.55	-47.95	-41.20	3.83	Pass	AVG
2	21740.85	-46.31	-27.00	16.39	Pass	Peak	8	21740.85	/	-27.00	/	/	AVG
3	22830.55	-48.43	-21.20	24.31	Pass	Peak	9	22830.55	-49.24	-41.20	5.12	Pass	AVG
4	23725.6	-45.41	-21.20	21.29	Pass	Peak	10	23725.6	-45.54	-41.20	1.42	Pass	AVG
5	24753.25	-44.92	-27.00	15.00	Pass	Peak	11	24753.25	/	-27.00	/	/	AVG
6	25774.1	-44.88	-27.00	14.96	Pass	Peak	12	25774.1	/	-27.00	/	/	AVG

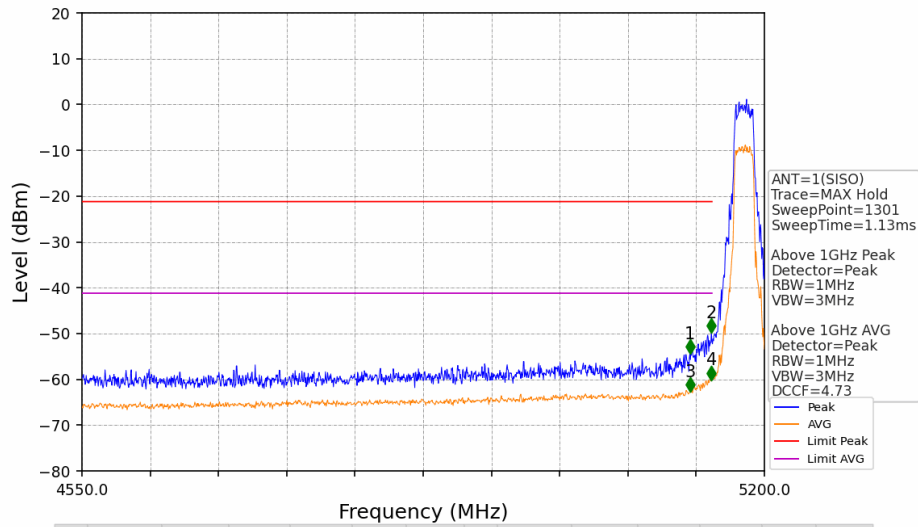
802.11a_HCH_5240MHz_Ant1_NTNV



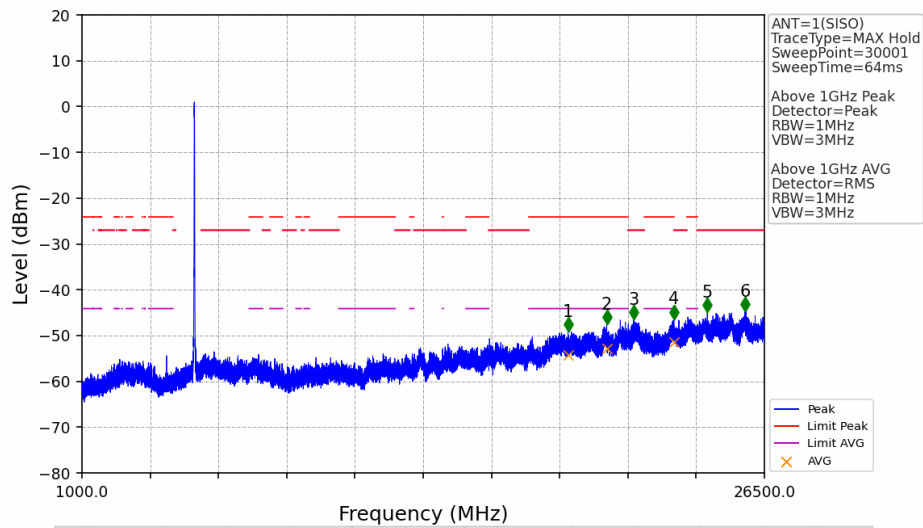
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



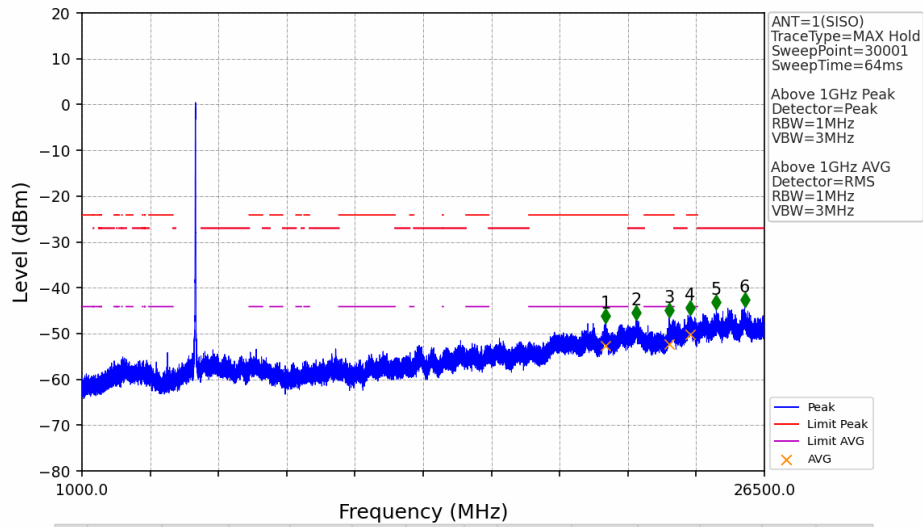
802.11n(HT20) LCH_5180MHz_Ant1_NTNV



802.11n(HT20) MCH_5200MHz_Ant1_NTNV

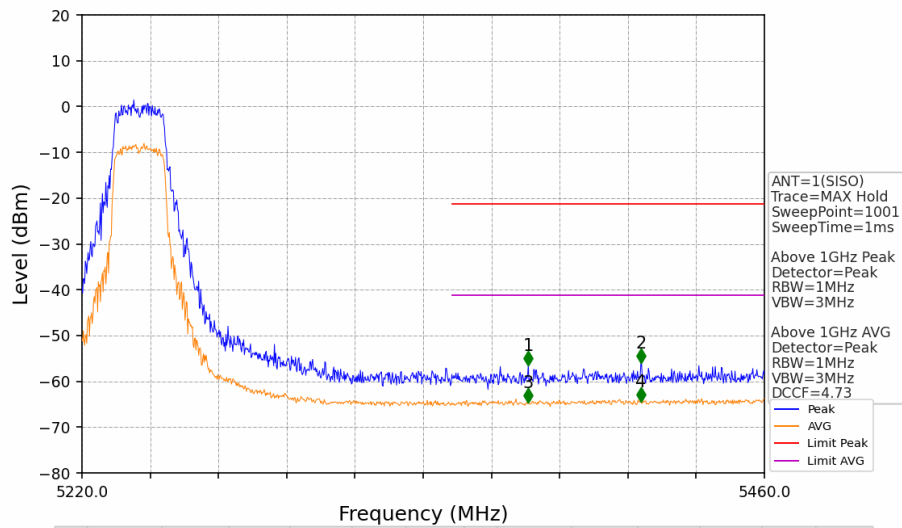


802.11n(HT20) HCH 5240MHz_Ant1_NTNV



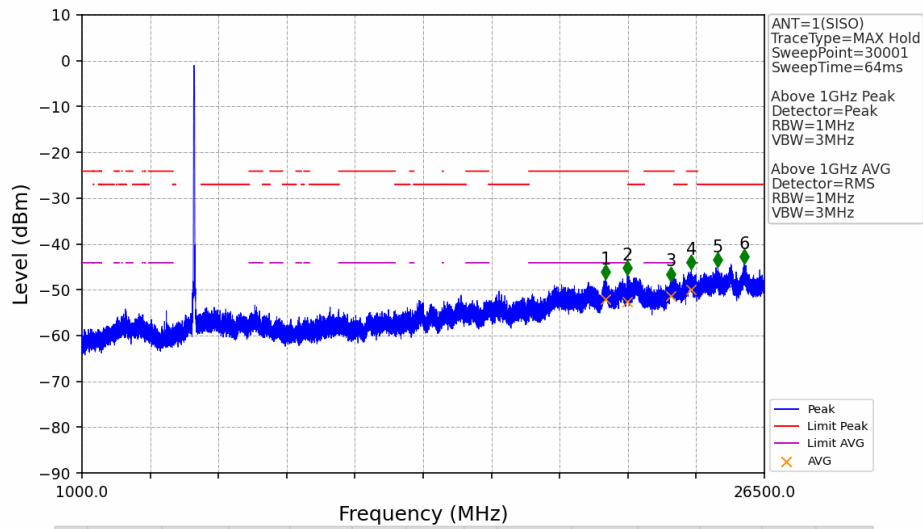
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20568.7	-47.75	-21.20	23.63	Pass	Peak	7	20568.7	-52.66	-41.20	8.54	Pass	AVG
2	21706	-47.02	-27.00	17.10	Pass	Peak	8	21706	/	-27.00	/	/	AVG
3	22940.2	-46.56	-21.20	22.44	Pass	Peak	9	22940.2	-52.23	-41.20	8.11	Pass	AVG
4	23729.85	-45.98	-21.20	21.86	Pass	Peak	10	23729.85	-50.27	-41.20	6.15	Pass	AVG
5	24703.95	-44.71	-27.00	14.79	Pass	Peak	11	24703.95	/	-27.00	/	/	AVG
6	25763.05	-44.23	-27.00	14.31	Pass	Peak	12	25763.05	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5240MHz_Ant1_NTNV



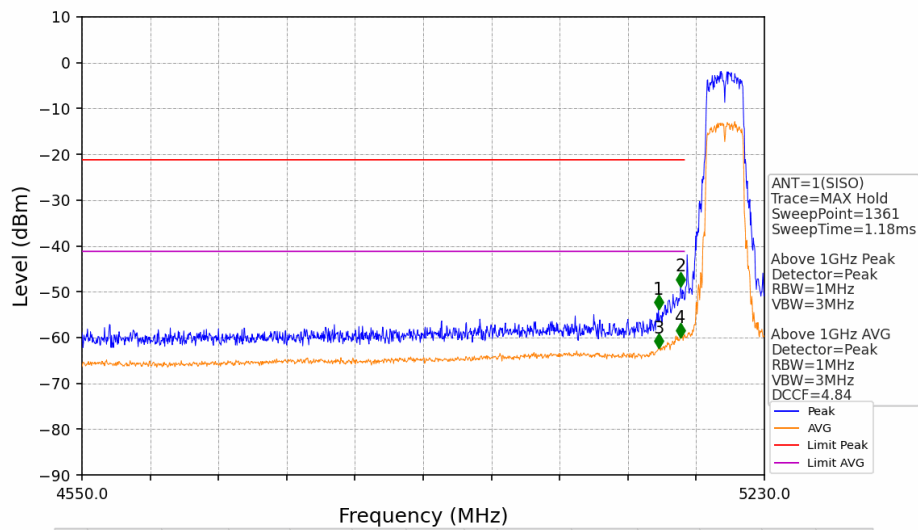
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5376.960	-56.50	-21.20	32.38	Pass	Peak	3	5376.960	/	-21.20	/	/	AVG
2	5416.560	-56.07	-21.20	31.95	Pass	Peak	4	5416.560	/	-21.20	/	/	AVG

802.11n(HT40) LCH 5190MHz_Ant1_NTNV



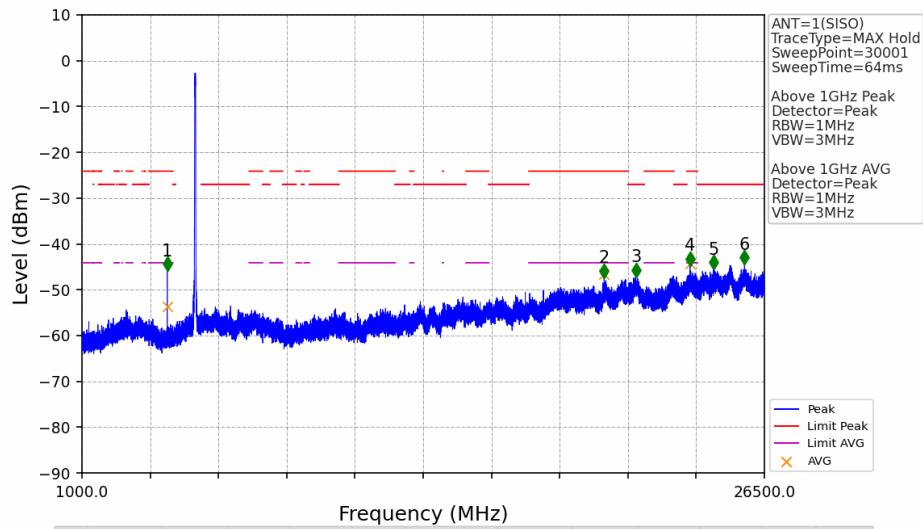
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20560.2	-47.62	-21.20	23.50	Pass	Peak	7	20560.2	-52.16	-41.20	8.04	Pass	AVG
2	21379.6	-46.81	-21.20	22.69	Pass	Peak	8	21379.6	-52.59	-41.20	8.47	Pass	AVG
3	22997.15	-48.13	-21.20	24.01	Pass	Peak	9	22997.15	-51.30	-41.20	7.17	Pass	AVG
4	23771.5	-45.63	-21.20	21.51	Pass	Peak	10	23771.5	-49.98	-41.20	5.86	Pass	AVG
5	24765.15	-45.03	-27.00	15.12	Pass	Peak	11	24765.15	/	-27.00	/	/	AVG
6	25743.5	-44.32	-27.00	14.40	Pass	Peak	12	25743.5	/	-27.00	/	/	AVG

802.11n(HT40) LCH 5190MHz_Ant1_NTNV



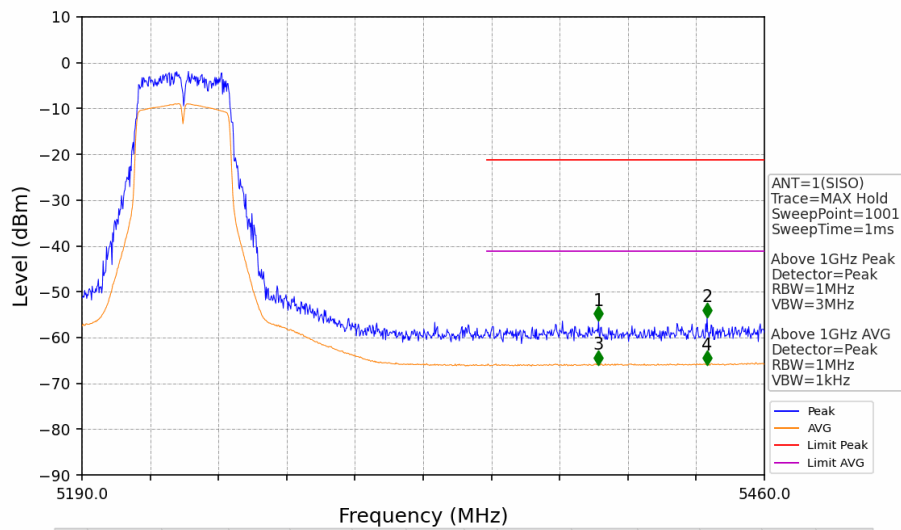
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5124.500	-53.80	-21.20	29.68	Pass	Peak	3	5124.500	/	-21.20	/	/	AVG
2	5146.500	-48.81	-21.20	24.70	Pass	Peak	4	5146.500	/	-21.20	/	/	AVG

802.11n(HT40) HCH 5230MHz_Ant1_NTNV



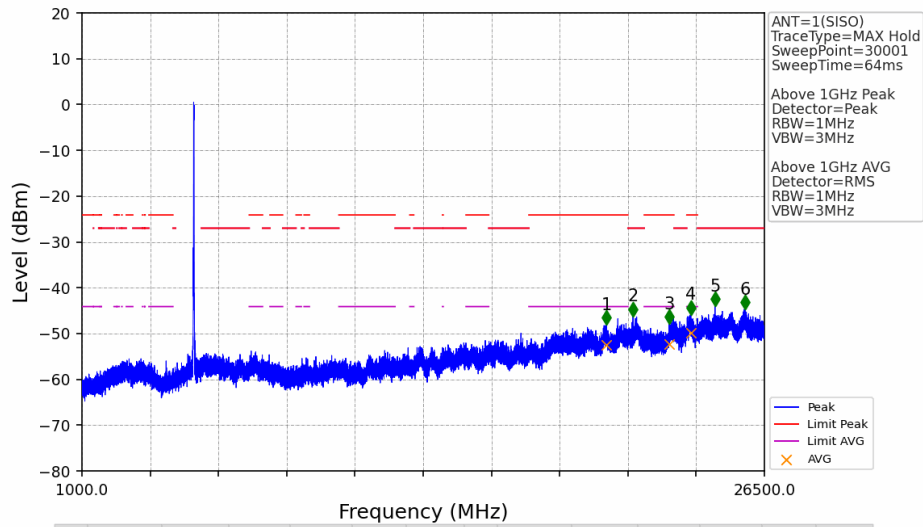
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4184.1	-45.88	-21.20	21.76	Pass	Peak	7	4184.1	-53.68	-41.20	9.56	Pass	AVG
2	20510.9	-47.43	-21.20	23.31	Pass	Peak	8	20510.9	-46.66	-41.20	2.54	Pass	AVG
3	21692.4	-47.26	-27.00	17.34	Pass	Peak	9	21692.4	/	-27.00	/	/	AVG
4	23719.65	-44.77	-21.20	20.65	Pass	Peak	10	23719.65	-44.40	-41.20	0.28	Pass	AVG
5	24591.75	-45.58	-27.00	15.66	Pass	Peak	11	24591.75	/	-27.00	/	/	AVG
6	25757.1	-44.49	-27.00	14.57	Pass	Peak	12	25757.1	/	-27.00	/	/	AVG

802.11n(HT40) HCH 5230MHz_Ant1_NTNV



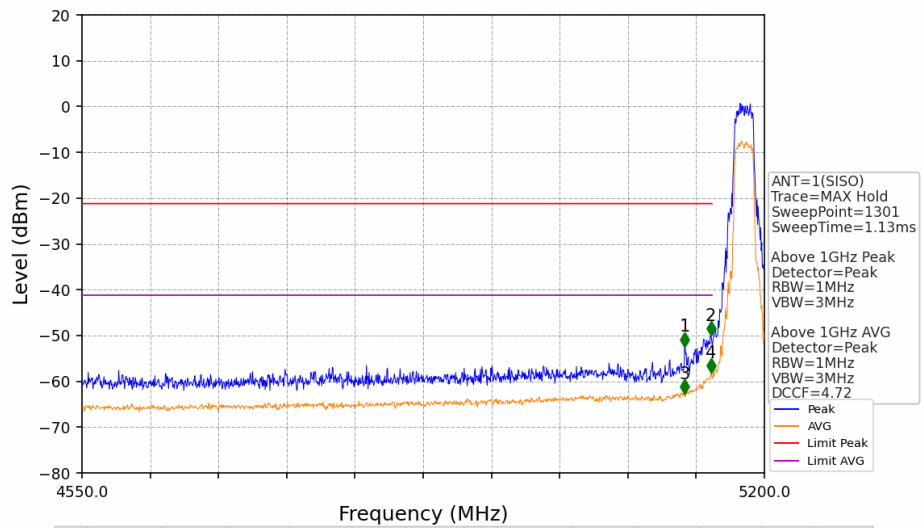
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5394.390	-56.29	-21.20	32.17	Pass	Peak	3	5394.390	/	-21.20	/	/	AVG
2	5437.320	-55.52	-21.20	31.40	Pass	Peak	4	5437.320	/	-21.20	/	/	AVG

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



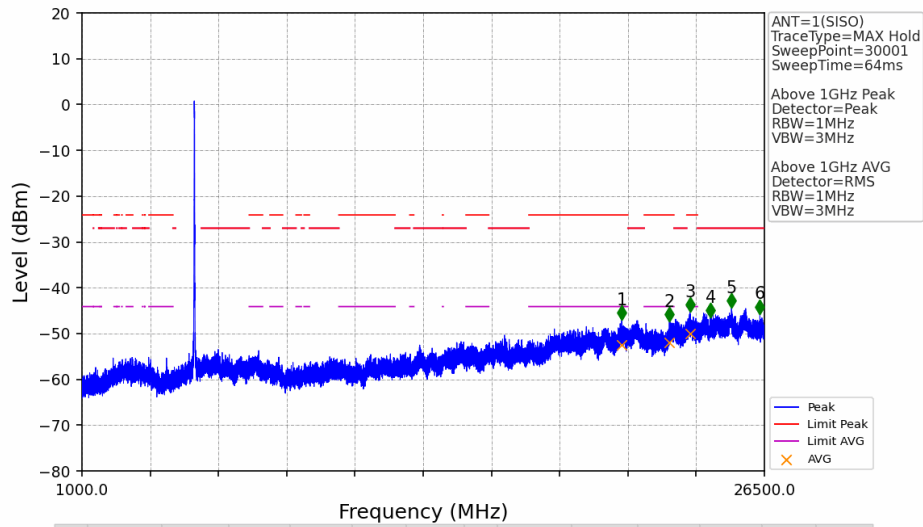
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20593.35	-48.10	-21.20	23.98	Pass	Peak	7	20593.35	-52.55	-41.20	8.43	Pass	AVG
2	21589.55	-46.25	-27.00	16.33	Pass	Peak	8	21589.55	/	-27.00	/	/	AVG
3	22941.9	-47.92	-21.20	23.80	Pass	Peak	9	22941.9	-52.26	-41.20	8.14	Pass	AVG
4	23743.45	-45.89	-21.20	21.77	Pass	Peak	10	23743.45	-49.92	-41.20	5.80	Pass	AVG
5	24655.5	-44.09	-27.00	14.17	Pass	Peak	11	24655.5	/	-27.00	/	/	AVG
6	25780.05	-44.76	-27.00	14.84	Pass	Peak	12	25780.05	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



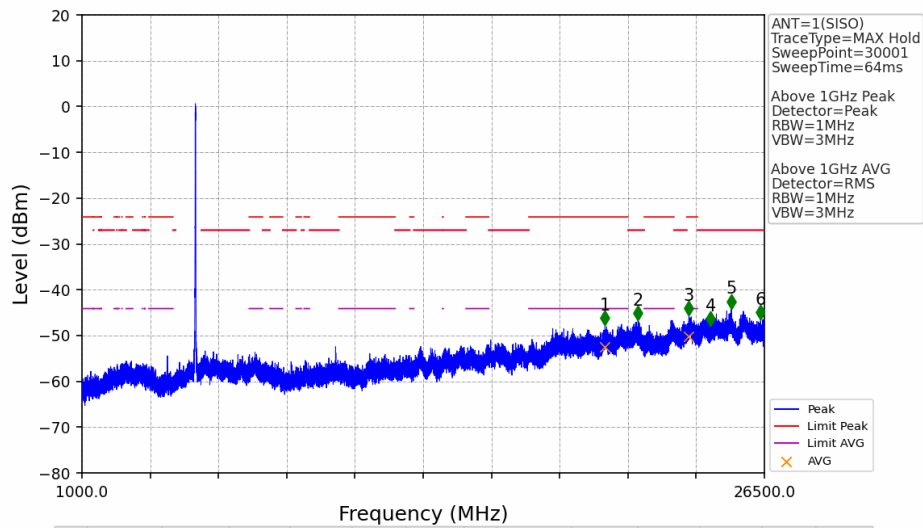
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5124.000	-52.43	-21.20	28.31	Pass	Peak	3	5124.000	/	-21.20	/	/	AVG
2	5149.000	-50.08	-21.20	25.96	Pass	Peak	4	5149.000	/	-21.20	/	/	AVG

802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



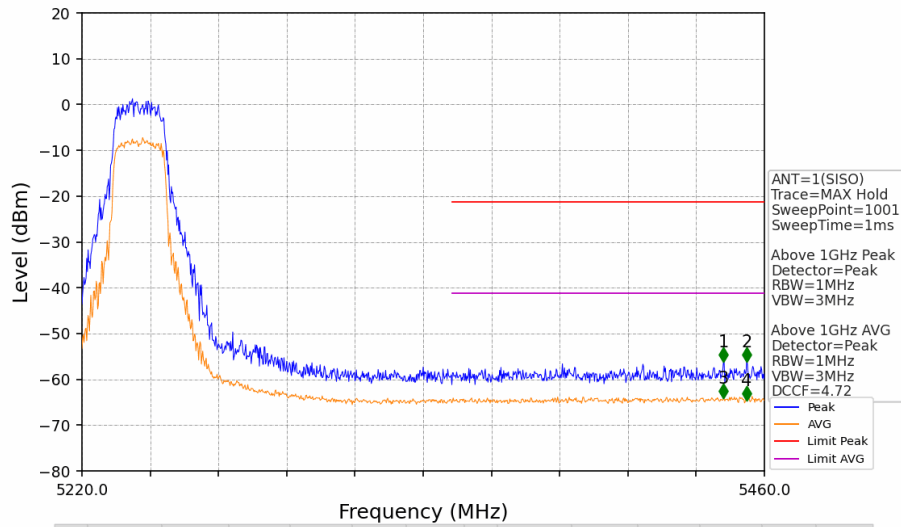
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21167.95	-47.09	-21.20	22.97	Pass	Peak	7	21167.95	-52.46	-41.20	8.34	Pass	AVG
2	22948.7	-47.42	-21.20	23.30	Pass	Peak	8	22948.7	-52.02	-41.20	7.90	Pass	AVG
3	23714.55	-45.29	-21.20	21.17	Pass	Peak	9	23714.55	-50.05	-41.20	5.93	Pass	AVG
4	24485.5	-46.50	-27.00	16.58	Pass	Peak	10	24485.5	/	-27.00	/	/	AVG
5	25270.05	-44.40	-27.00	14.48	Pass	Peak	11	25270.05	/	-27.00	/	/	AVG
6	26332.55	-45.70	-27.00	15.78	Pass	Peak	12	26332.55	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

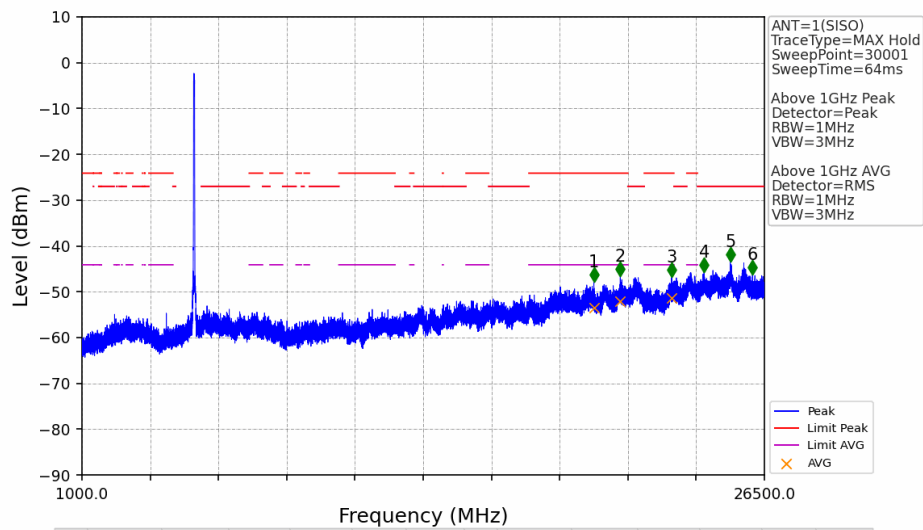


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20544.9	-47.74	-21.20	23.62	Pass	Peak	7	20544.9	-52.52	-41.20	8.40	Pass	AVG
2	21778.25	-46.63	-27.00	16.71	Pass	Peak	8	21778.25	/	-27.00	/	/	AVG
3	23678.85	-45.68	-21.20	21.56	Pass	Peak	9	23678.85	-50.17	-41.20	6.05	Pass	AVG
4	24484.65	-47.85	-27.00	17.93	Pass	Peak	10	24484.65	/	-27.00	/	/	AVG
5	25267.5	-44.12	-27.00	14.20	Pass	Peak	11	25267.5	/	-27.00	/	/	AVG
6	26358.05	-46.48	-27.00	16.56	Pass	Peak	12	26358.05	/	-27.00	/	/	AVG

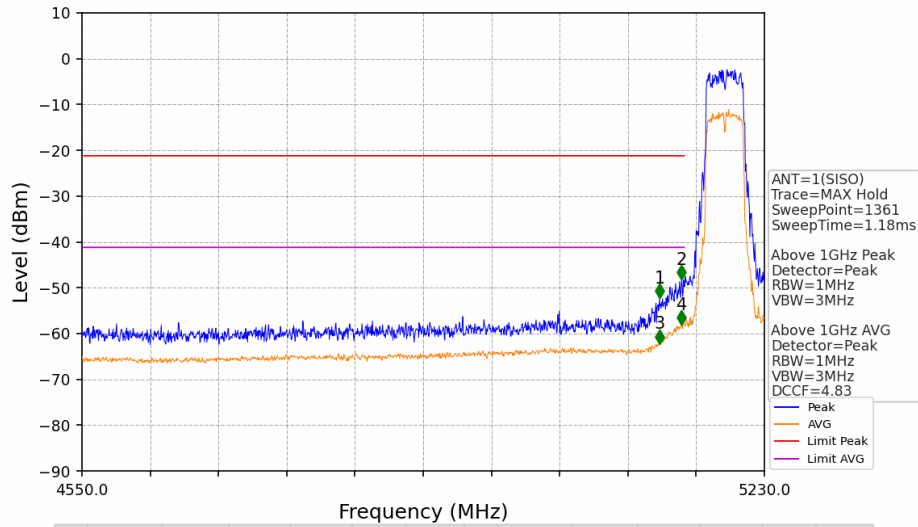
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

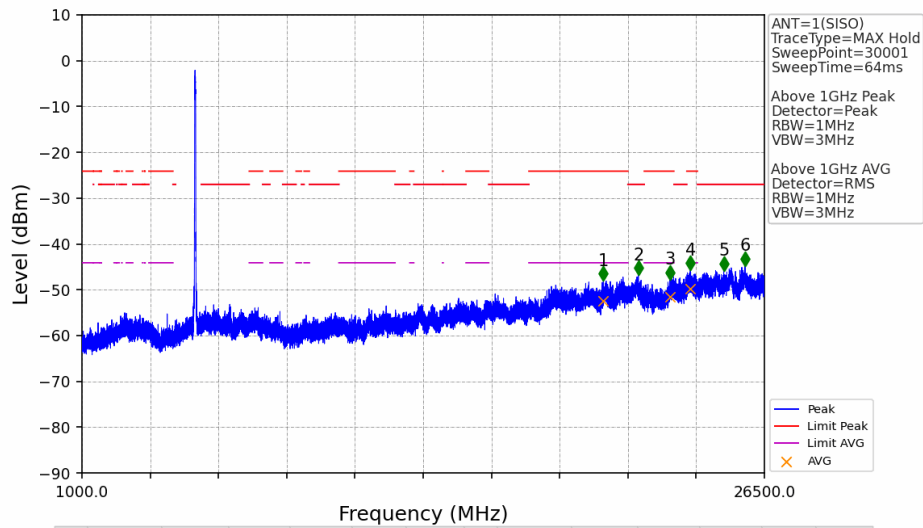


802.11ac(VHT40) LCH 5190MHz Ant1_NTNV



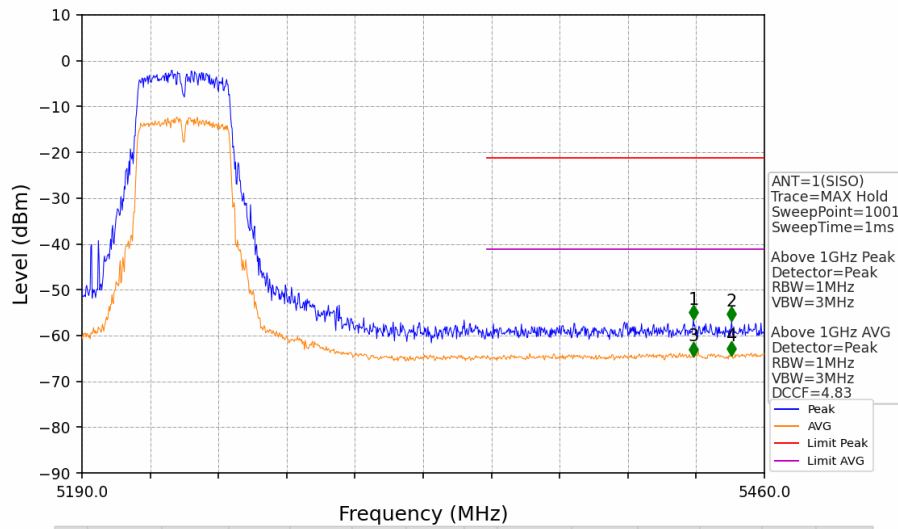
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5125.500	-52.22	-21.20	28.10	Pass	Peak	3	5125.500	/	-21.20	/	/	AVG
2	5147.500	-48.23	-21.20	24.11	Pass	Peak	4	5147.500	/	-21.20	/	/	AVG

802.11ac(VHT40) HCH 5230MHz Ant1_NTNV

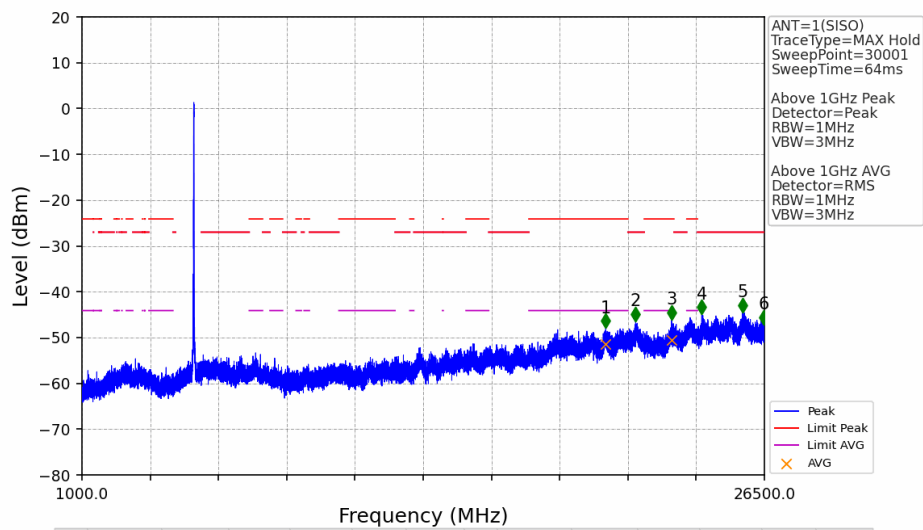


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20483.7	-48.01	-21.20	23.89	Pass	Peak	7	20483.7	-52.49	-41.20	8.38	Pass	AVG
2	21789.3	-46.87	-27.00	16.95	Pass	Peak	8	21789.3	/	-27.00	/	/	AVG
3	22959.75	-47.76	-21.20	23.64	Pass	Peak	9	22959.75	-51.63	-41.20	7.51	Pass	AVG
4	23731.55	-45.71	-21.20	21.59	Pass	Peak	10	23731.55	-49.88	-41.20	5.76	Pass	AVG
5	24980.2	-45.81	-27.00	15.89	Pass	Peak	11	24980.2	/	-27.00	/	/	AVG
6	25776.65	-44.76	-27.00	14.84	Pass	Peak	12	25776.65	/	-27.00	/	/	AVG

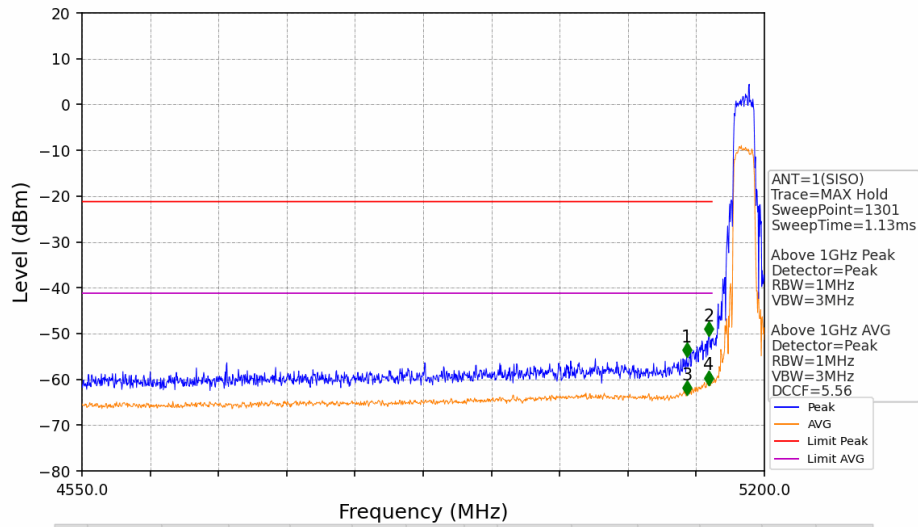
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV

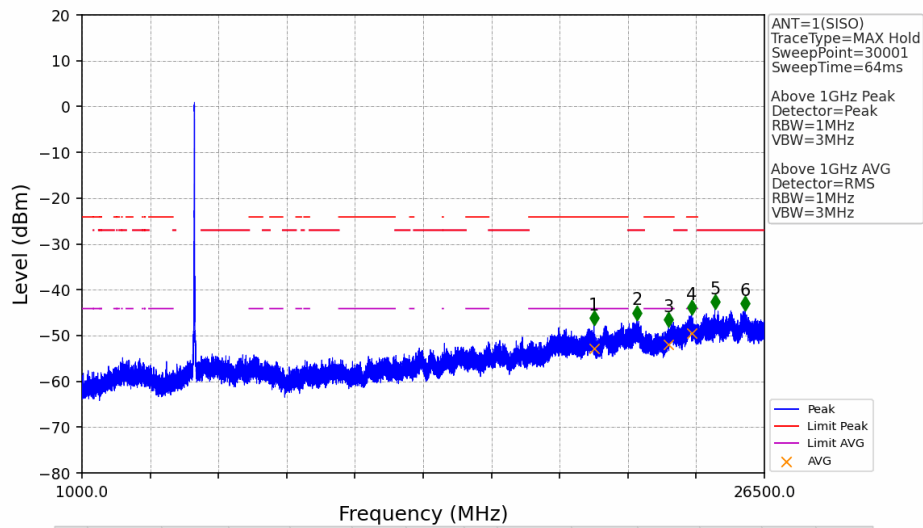


802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



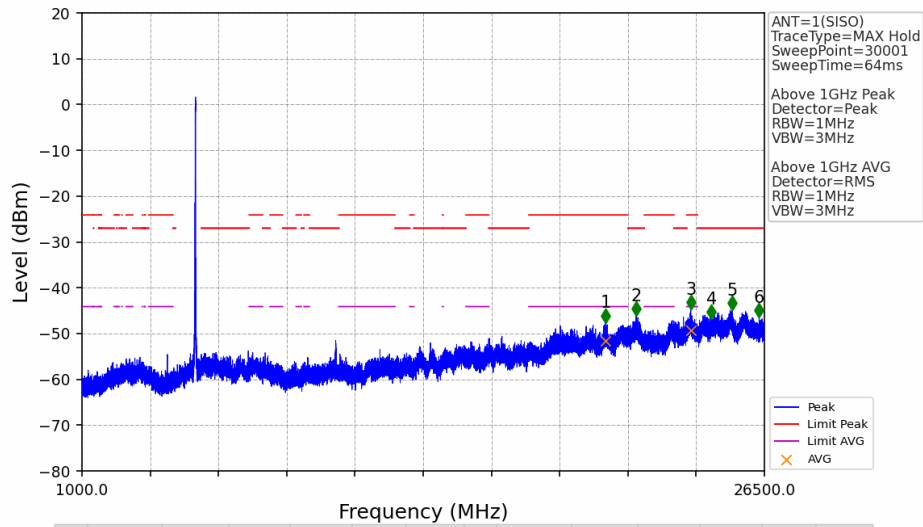
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5126.000	-55.12	-21.20	31.00	Pass	Peak	3	5126.000	/	-21.20	/	/	AVG
2	5147.000	-50.61	-21.20	26.49	Pass	Peak	4	5147.000	/	-21.20	/	/	AVG

802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



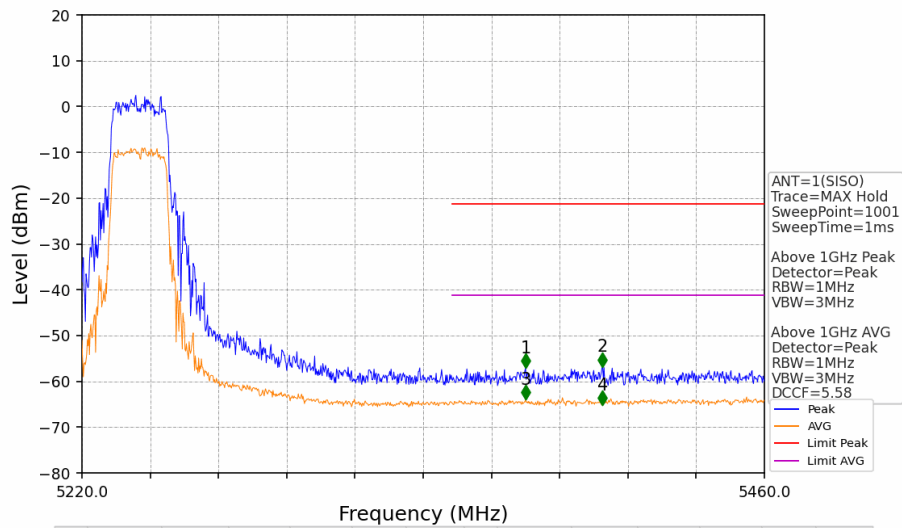
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20131.8	-47.77	-21.20	23.65	Pass	Peak	7	20131.8	-52.85	-41.20	8.73	Pass	AVG
2	21735.75	-46.59	-27.00	16.67	Pass	Peak	8	21735.75	/	-27.00	/	/	AVG
3	22921.5	-48.10	-21.20	23.98	Pass	Peak	9	22921.5	-51.89	-41.20	7.77	Pass	AVG
4	23777.45	-45.41	-21.20	21.29	Pass	Peak	10	23777.45	-49.43	-41.20	5.31	Pass	AVG
5	24647	-44.26	-27.00	14.34	Pass	Peak	11	24647	/	-27.00	/	/	AVG
6	25780.9	-44.59	-27.00	14.67	Pass	Peak	12	25780.9	/	-27.00	/	/	AVG

802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



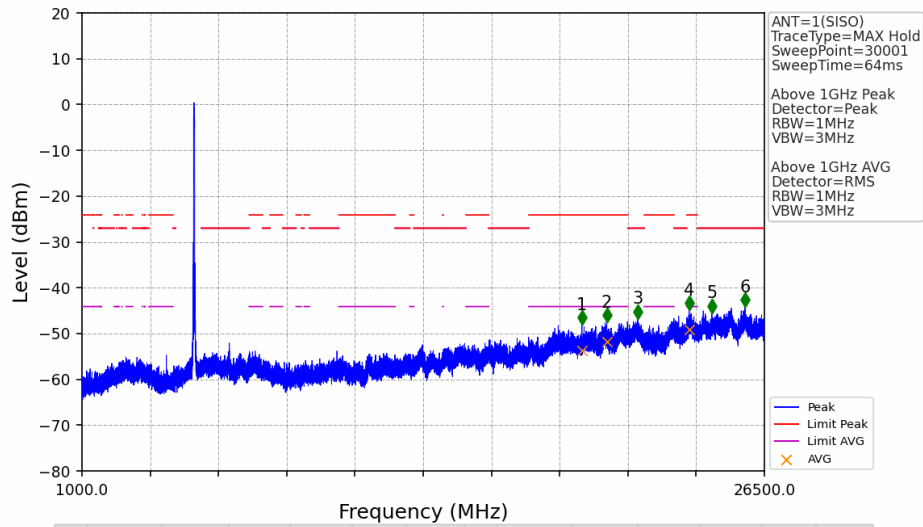
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20558.5	-47.63	-21.20	23.51	Pass Peak	7	20558.5	-51.58	-41.20	7.46	Pass AVG
2	21705.15	-46.11	-27.00	16.19	Pass Peak	8	21705.15	/	-27.00	/	/ AVG
3	23748.55	-44.74	-21.20	20.62	Pass Peak	9	23748.55	-49.25	-41.20	5.13	Pass AVG
4	24517.8	-46.85	-27.00	16.93	Pass Peak	10	24517.8	/	-27.00	/	/ AVG
5	25290.45	-44.87	-27.00	14.95	Pass Peak	11	25290.45	/	-27.00	/	/ AVG
6	26302.8	-46.46	-27.00	16.54	Pass Peak	12	26302.8	/	-27.00	/	/ AVG

802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



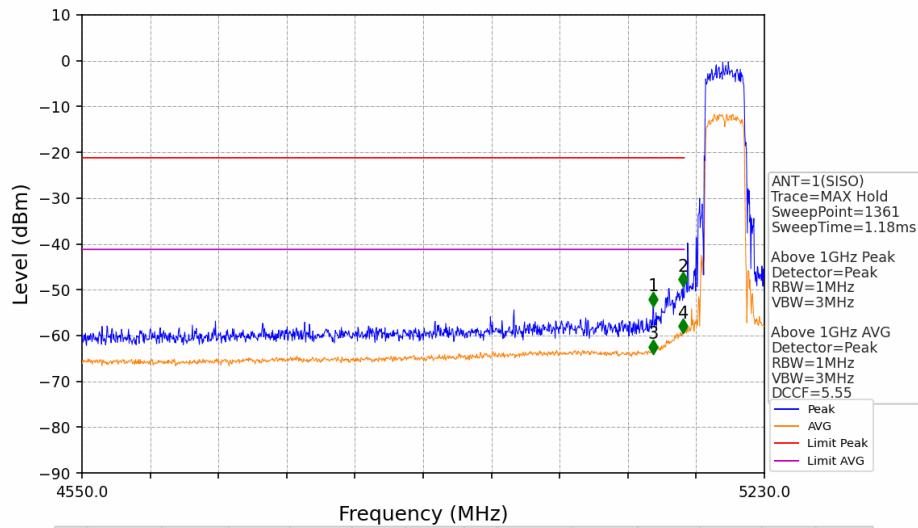
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5376.000	-57.07	-21.20	32.95	Pass Peak	3	5376.000	/	-21.20	/	/ AVG
2	5403.120	-56.83	-21.20	32.70	Pass Peak	4	5403.120	/	-21.20	/	/ AVG

802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



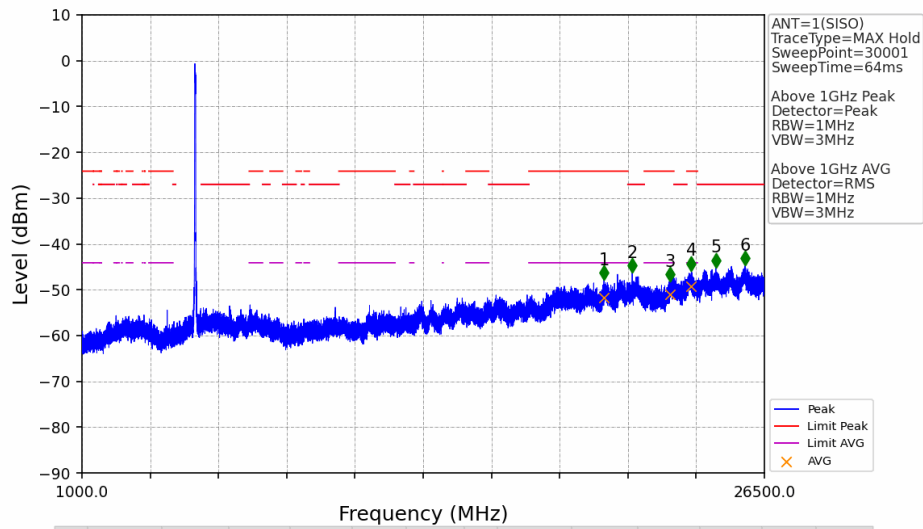
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	19680.45	-48.12	-21.20	24.00	Pass Peak	7	19680.45	-53.73	-41.20	9.61	Pass AVG
2	20608.65	-47.57	-21.20	23.45	Pass Peak	8	20608.65	-51.75	-41.20	7.63	Pass AVG
3	21766.35	-46.76	-27.00	16.84	Pass Peak	9	21766.35	/	-27.00	/	/ AVG
4	23687.35	-44.86	-21.20	20.74	Pass Peak	10	23687.35	-49.15	-41.20	5.03	Pass AVG
5	24535.65	-45.55	-27.00	15.63	Pass Peak	11	24535.65	/	-27.00	/	/ AVG
6	25772.4	-44.23	-27.00	14.31	Pass Peak	12	25772.4	/	-27.00	/	/ AVG

802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



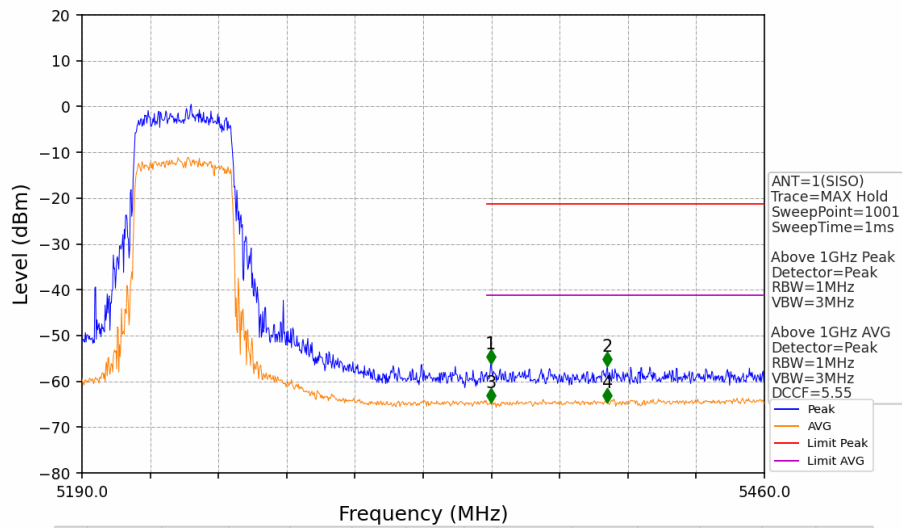
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5119.000	-53.58	-21.20	29.46	Pass Peak	3	5119.000	/	-21.20	/	/ AVG
2	5149.000	-49.23	-21.20	25.11	Pass Peak	4	5149.000	/	-21.20	/	/ AVG

802.11ax(HEW40)_HCH_5230MHz_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	20505.8	-47.83	-21.20	23.71	Pass	Peak	7	20505.8	-51.77	-41.20	7.65	Pass	AVG
2	21560.65	-46.22	-27.00	16.30	Pass	Peak	8	21560.65	/	-27.00	/	/	AVG
3	22966.55	-48.27	-21.20	24.16	Pass	Peak	9	22966.55	-50.98	-41.20	6.86	Pass	AVG
4	23769.8	-45.83	-21.20	21.71	Pass	Peak	10	23769.8	-49.26	-41.20	5.14	Pass	AVG
5	24686.1	-45.11	-27.00	15.19	Pass	Peak	11	24686.1	/	-27.00	/	/	AVG
6	25782.6	-44.72	-27.00	14.80	Pass	Peak	12	25782.6	/	-27.00	/	/	AVG

802.11ax(HEW40)_HCH_5230MHz_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	5351.730	-56.17	-21.20	32.05	Pass	Peak	3	5351.730	/	-21.20	/	/	AVG
2	5397.900	-56.72	-21.20	32.60	Pass	Peak	4	5397.900	/	-21.20	/	/	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	5180	20	102	5179.977	5150 to 5250	Pass
				120	5179.977	5150 to 5250	Pass
				138	5179.977	5150 to 5250	Pass
			-30	120	5179.977	5150 to 5250	Pass
			-20	120	5179.977	5150 to 5250	Pass
			-10	120	5179.977	5150 to 5250	Pass
			0	120	5179.977	5150 to 5250	Pass
			10	120	5179.977	5150 to 5250	Pass
			30	120	5179.976	5150 to 5250	Pass
			40	120	5179.976	5150 to 5250	Pass
			50	120	5179.976	5150 to 5250	Pass
		5200	20	102	5199.976	5150 to 5250	Pass
				120	5199.976	5150 to 5250	Pass
				138	5199.976	5150 to 5250	Pass
			-30	120	5199.976	5150 to 5250	Pass
			-20	120	5199.976	5150 to 5250	Pass
			-10	120	5199.976	5150 to 5250	Pass
			0	120	5199.976	5150 to 5250	Pass
			10	120	5199.976	5150 to 5250	Pass
			30	120	5199.976	5150 to 5250	Pass
			40	120	5199.976	5150 to 5250	Pass
			50	120	5199.975	5150 to 5250	Pass
		5240	20	102	5239.975	5150 to 5250	Pass
				120	5239.975	5150 to 5250	Pass
				138	5239.975	5150 to 5250	Pass
			-30	120	5239.975	5150 to 5250	Pass
			-20	120	5239.975	5150 to 5250	Pass
			-10	120	5239.975	5150 to 5250	Pass
			0	120	5239.975	5150 to 5250	Pass
			10	120	5239.975	5150 to 5250	Pass
			30	120	5239.975	5150 to 5250	Pass
			40	120	5239.975	5150 to 5250	Pass
			50	120	5239.975	5150 to 5250	Pass
		5190	20	102	5190.495	5150 to 5250	Pass
				120	5190.499	5150 to 5250	Pass
				138	5190.489	5150 to 5250	Pass
			-30	120	5190.473	5150 to 5250	Pass
			-20	120	5190.500	5150 to 5250	Pass
			-10	120	5190.474	5150 to 5250	Pass
			0	120	5190.492	5150 to 5250	Pass
			10	120	5190.500	5150 to 5250	Pass
			30	120	5190.474	5150 to 5250	Pass
			40	120	5190.476	5150 to 5250	Pass
			50	120	5190.494	5150 to 5250	Pass
		5230	20	102	5229.973	5150 to 5250	Pass
				120	5229.973	5150 to 5250	Pass
				138	5229.973	5150 to 5250	Pass
			-30	120	5229.973	5150 to 5250	Pass

			-20	120	5229.973	5150 to 5250	Pass
			-10	120	5229.973	5150 to 5250	Pass
			0	120	5229.973	5150 to 5250	Pass
			10	120	5229.973	5150 to 5250	Pass
			30	120	5229.973	5150 to 5250	Pass
			40	120	5229.973	5150 to 5250	Pass
			50	120	5229.973	5150 to 5250	Pass

▶▶▶ END OF REPORT ◀◀◀

