

1. Duty Cycle

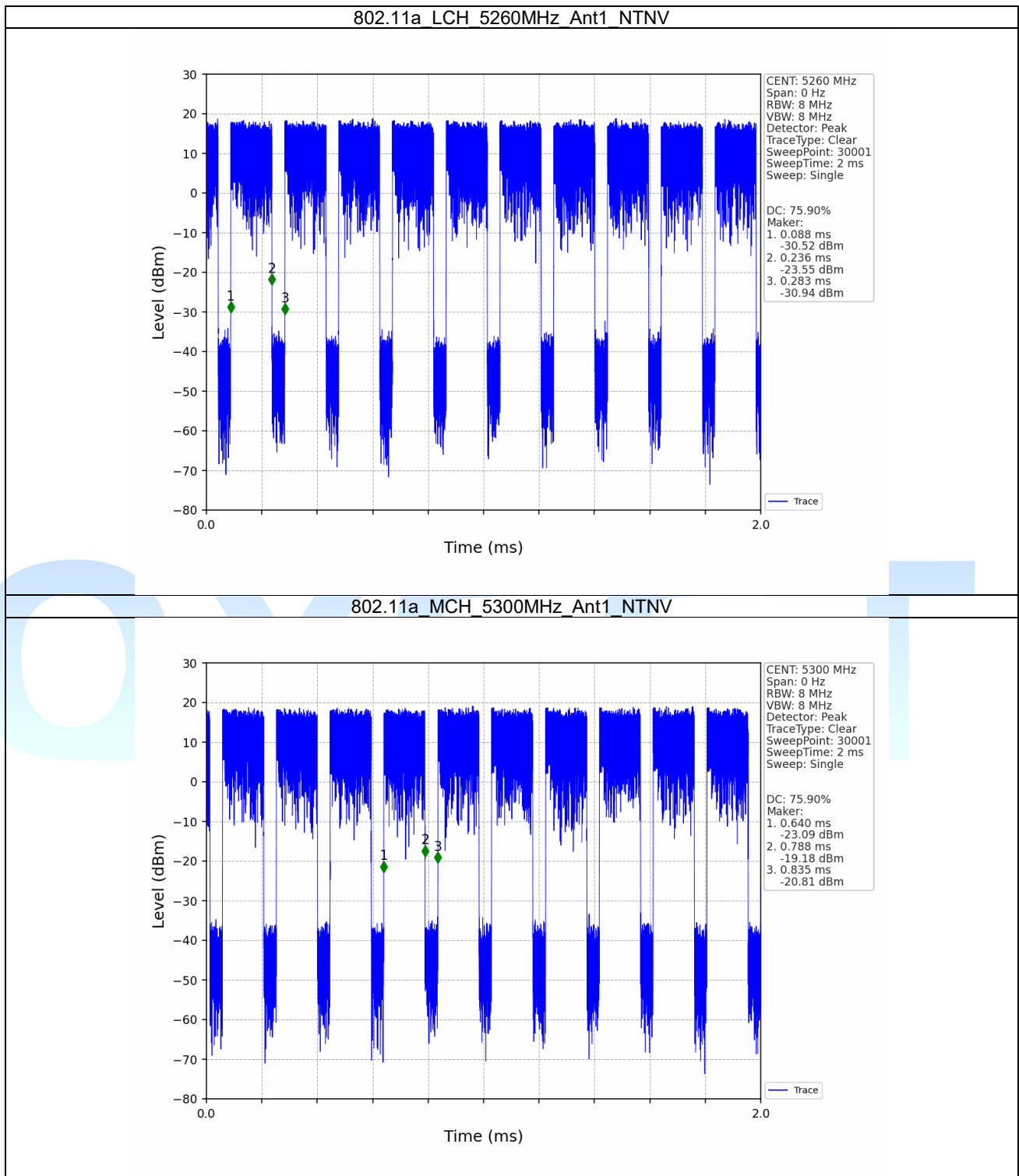
1.1 Test Result

1.1.1 Ant1

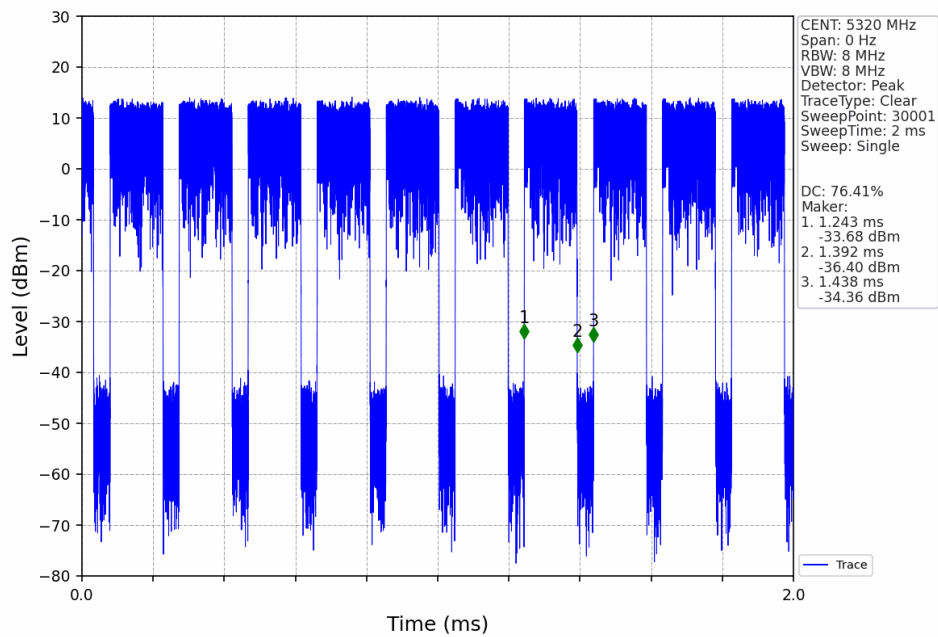
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5260	/	/	0.148	0.195	75.90	1.20	0.59
		5300	/	/	0.148	0.195	75.90	1.20	0.70
		5320	/	/	0.149	0.195	76.41	1.17	0.47
802.11n (HT20)	SISO	5260	/	/	0.177	0.224	79.02	1.02	0.83
		5300	/	/	0.177	0.223	79.37	1.00	0.45
		5320	/	/	0.177	0.223	79.37	1.00	0.32
802.11n (HT40)	SISO	5270	/	/	0.183	0.227	80.62	0.94	0.59
		5310	/	/	0.180	0.227	79.30	1.01	0.42
802.11ac (VHT20)	SISO	5260	/	/	0.165	0.212	77.83	1.09	0.39
		5300	/	/	0.165	0.212	77.83	1.09	0.57
		5320	/	/	0.165	0.211	78.20	1.07	0.15
802.11ac (VHT40)	SISO	5270	/	/	0.159	0.203	78.33	1.06	0.08
		5310	/	/	0.157	0.204	76.96	1.14	0.51
802.11ac (VHT80)	SISO	5290	/	/	0.165	0.212	77.83	1.09	0.84
802.11ax (HEW20)	SISO	5260	SU	/	0.175	0.222	78.83	1.03	0.33
		5300	SU	/	0.175	0.222	78.83	1.03	0.39
		5320	SU	/	0.175	0.221	79.19	1.01	0.16
802.11ax (HEW40)	SISO	5270	SU	/	0.171	0.217	78.80	1.03	0.15
		5310	SU	/	0.171	0.218	78.44	1.05	0.56
802.11ax (HEW80)	SISO	5290	SU	/	0.179	0.224	79.91	0.97	0.45

1.2 Test Graph

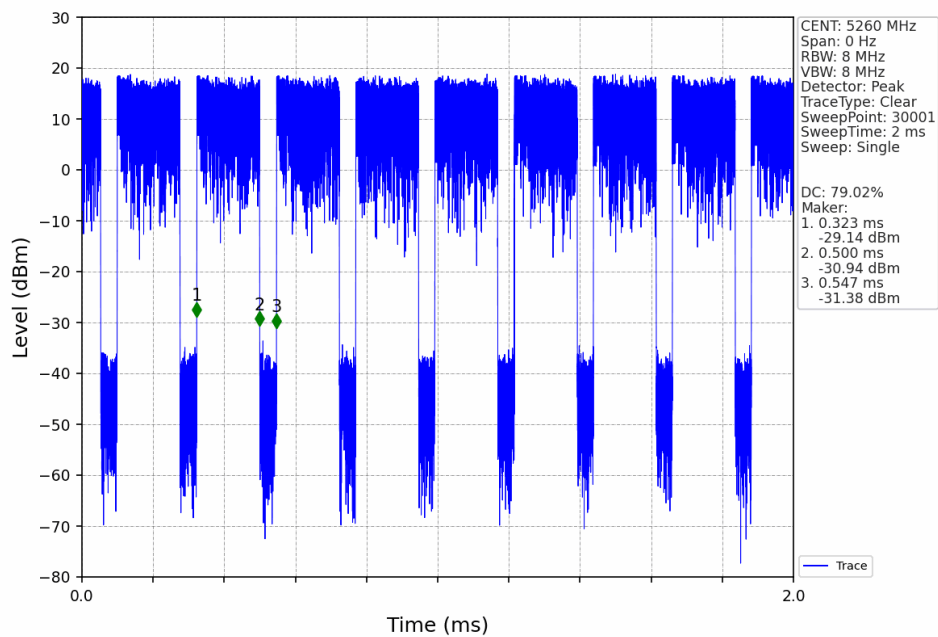
1.2.1 Ant1



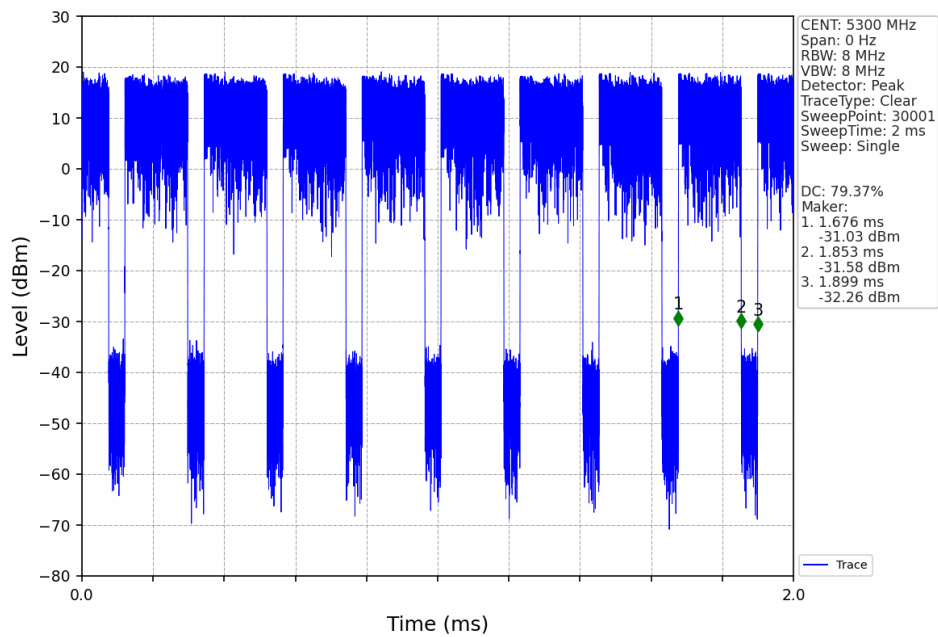
802.11a_HCH_5320MHz_Ant1_NTNV



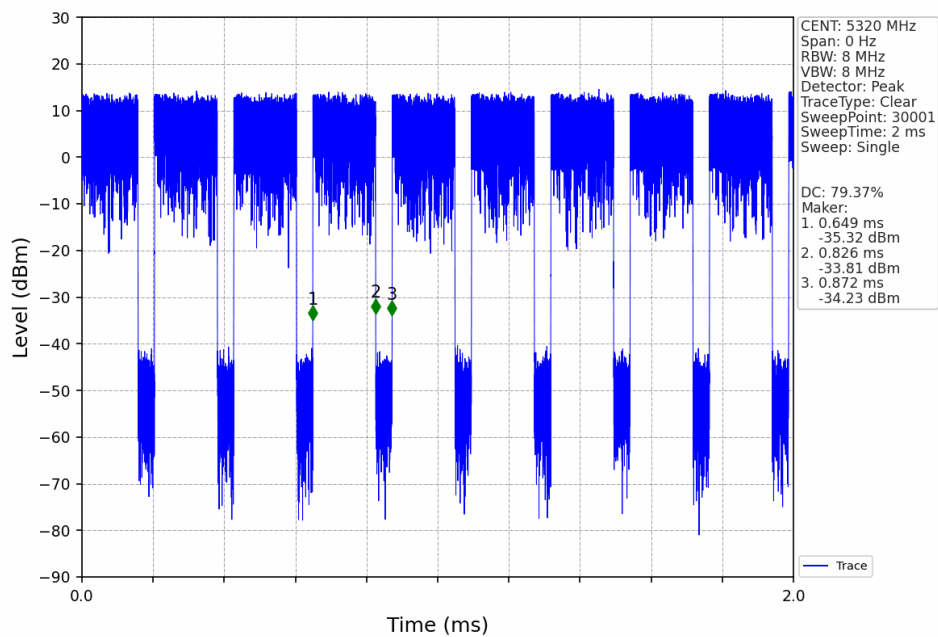
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



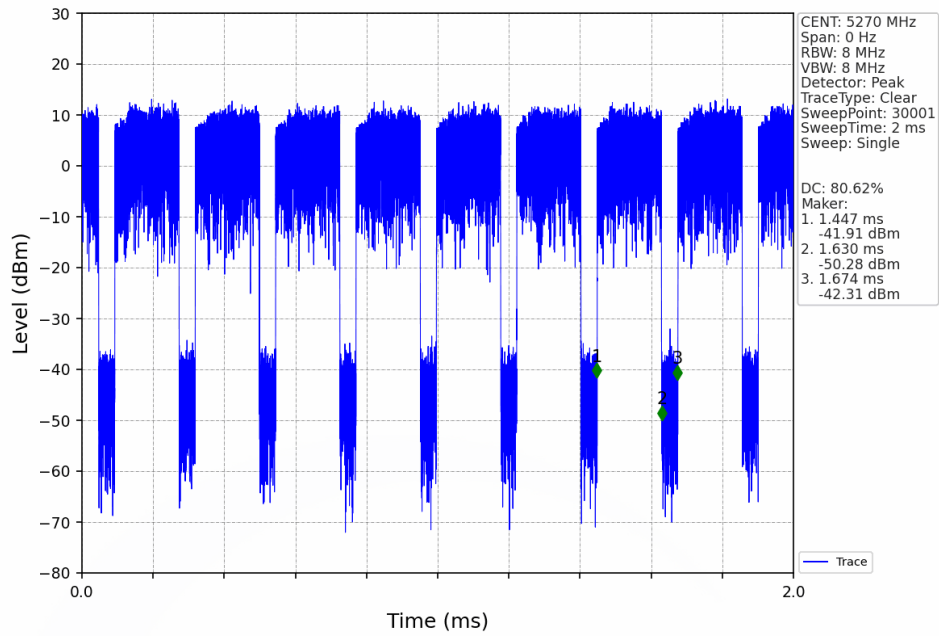
802.11n(HT20) MCH_5300MHz_Ant1_NTNV



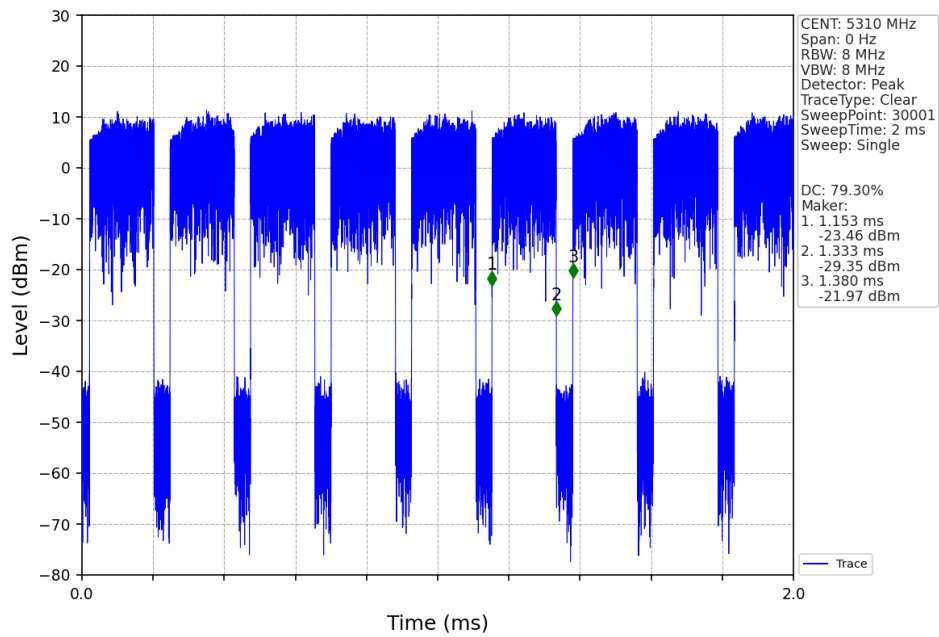
802.11n(HT20) HCH_5320MHz_Ant1_NTNV



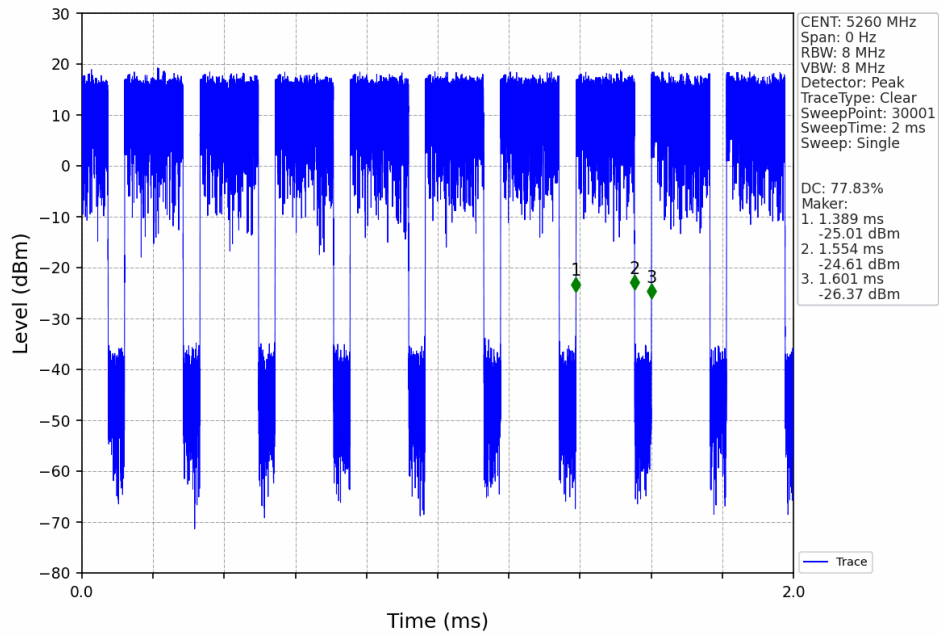
802.11n(HT40) LCH 5270MHz_Ant1_NTNV



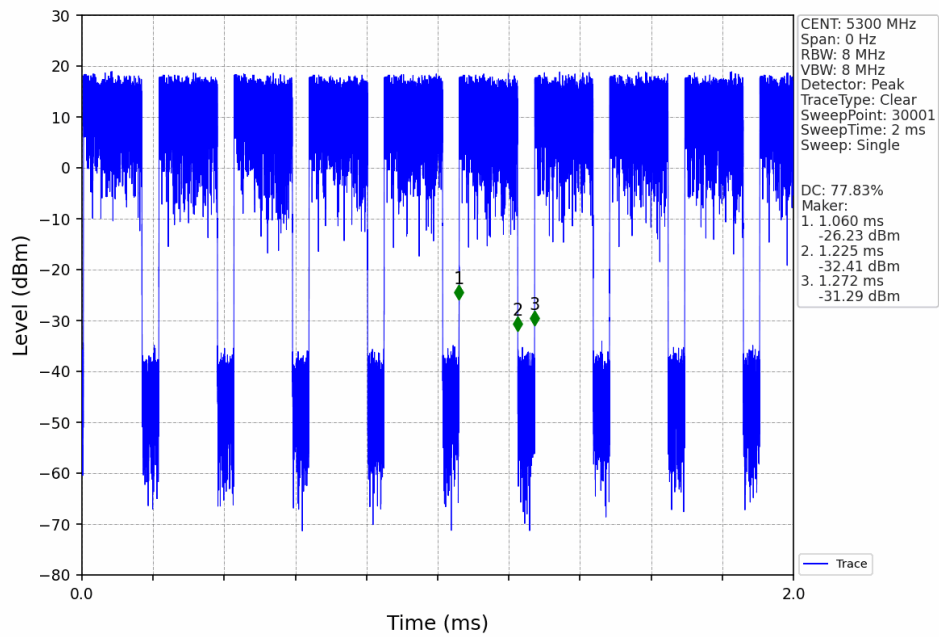
802.11n(HT40) HCH 5310MHz_Ant1_NTNV



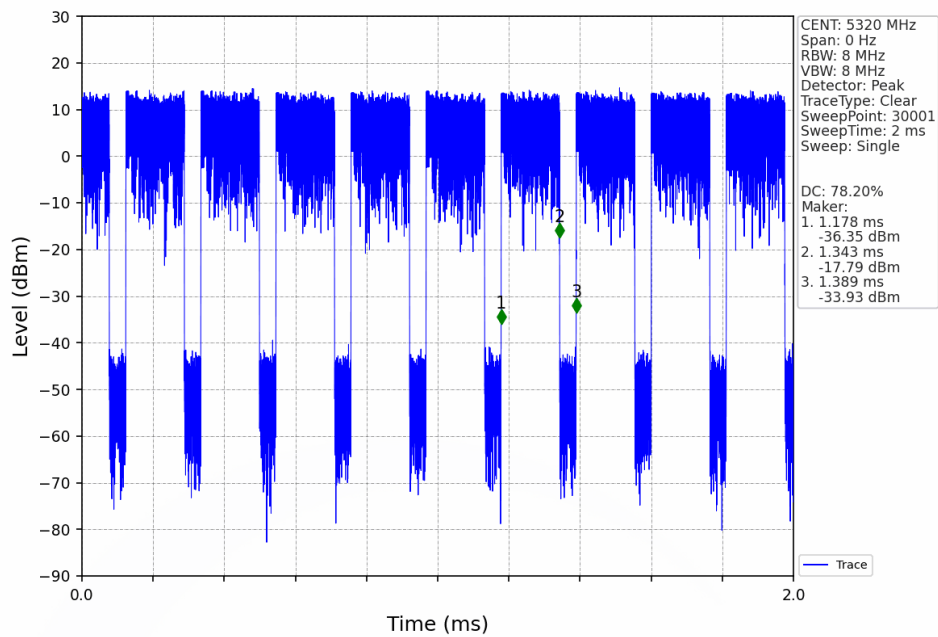
802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV



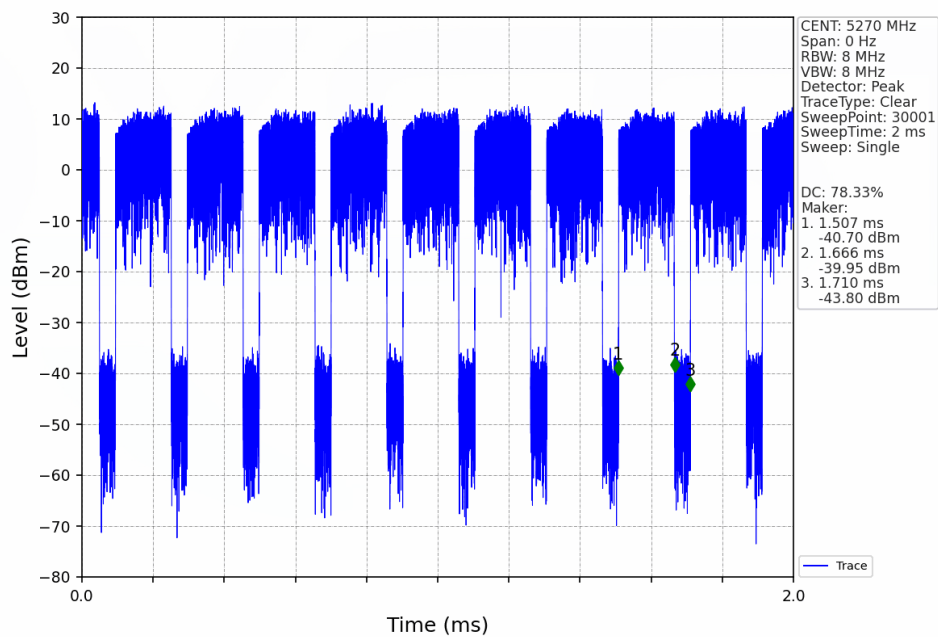
802.11ac(VHT20) MCH_5300MHz_Ant1_NTNV



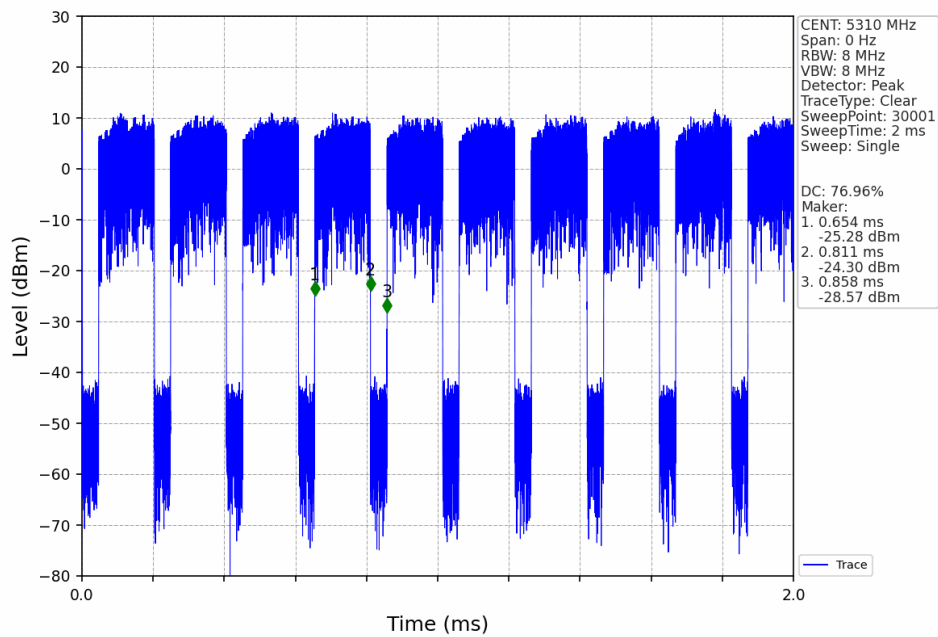
802.11ac(VHT20) HCH_5320MHz_Ant1_NTNV



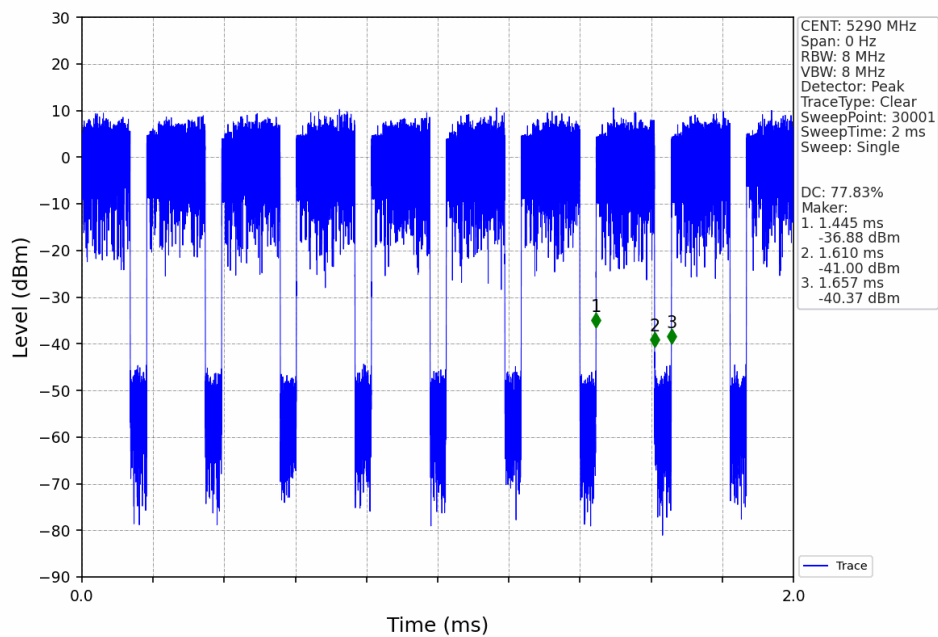
802.11ac(VHT40) LCH_5270MHz_Ant1_NTNV



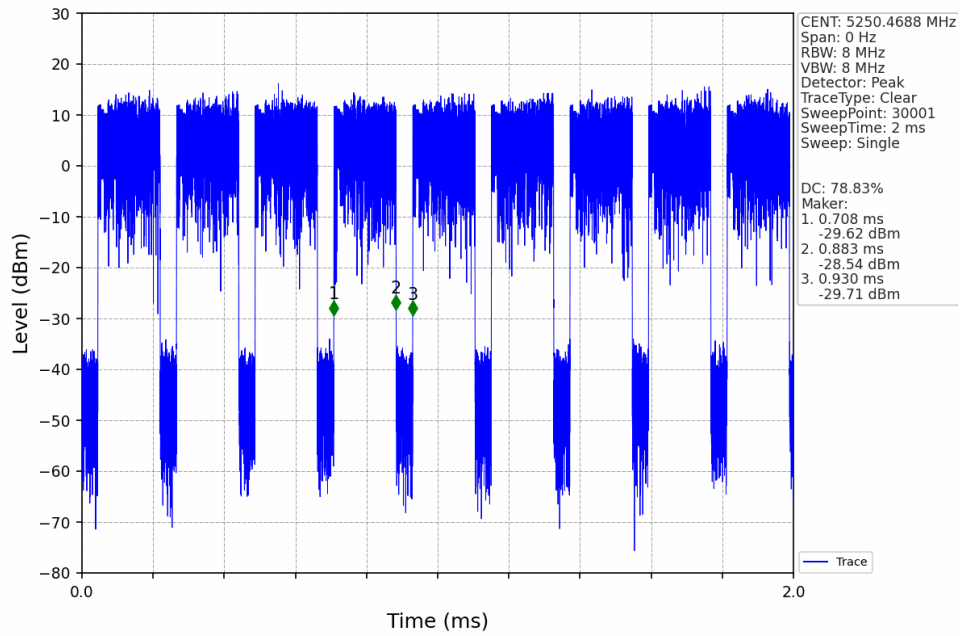
802.11ac(VHT40) HCH 5310MHz_Ant1_NTNV



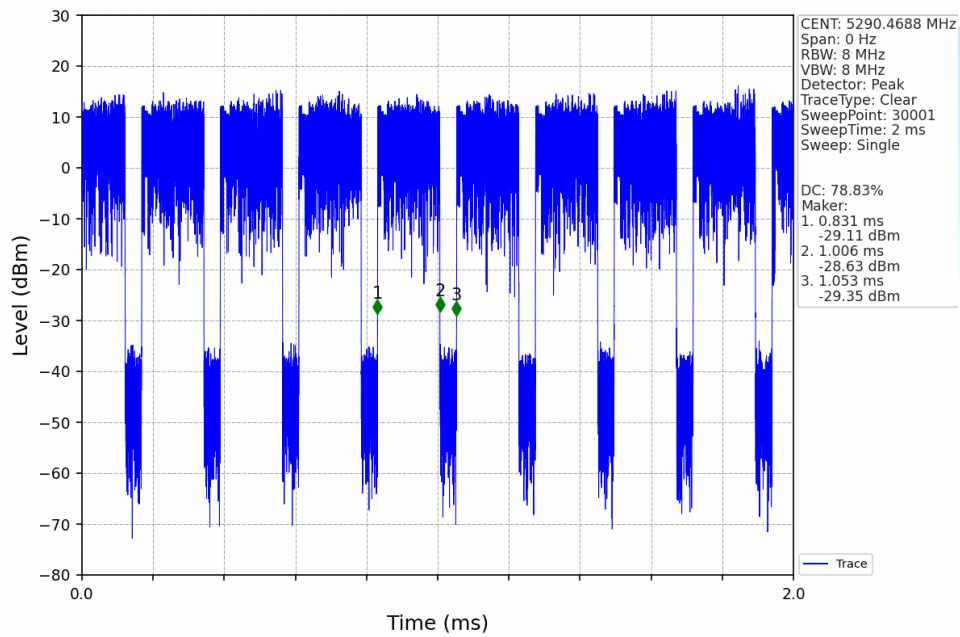
802.11ac(VHT80) MCH 5290MHz_Ant1_NTNV



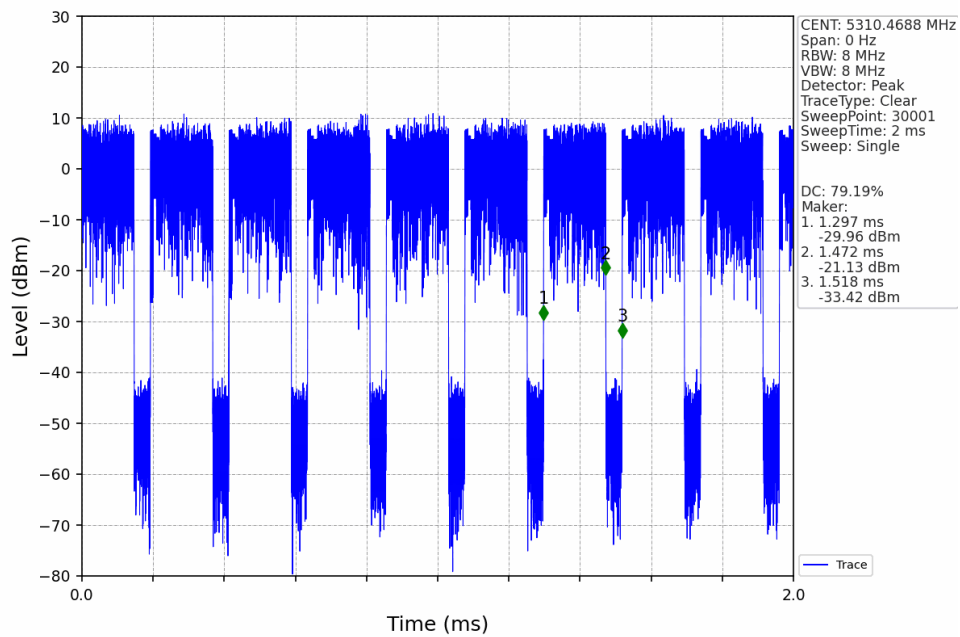
802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



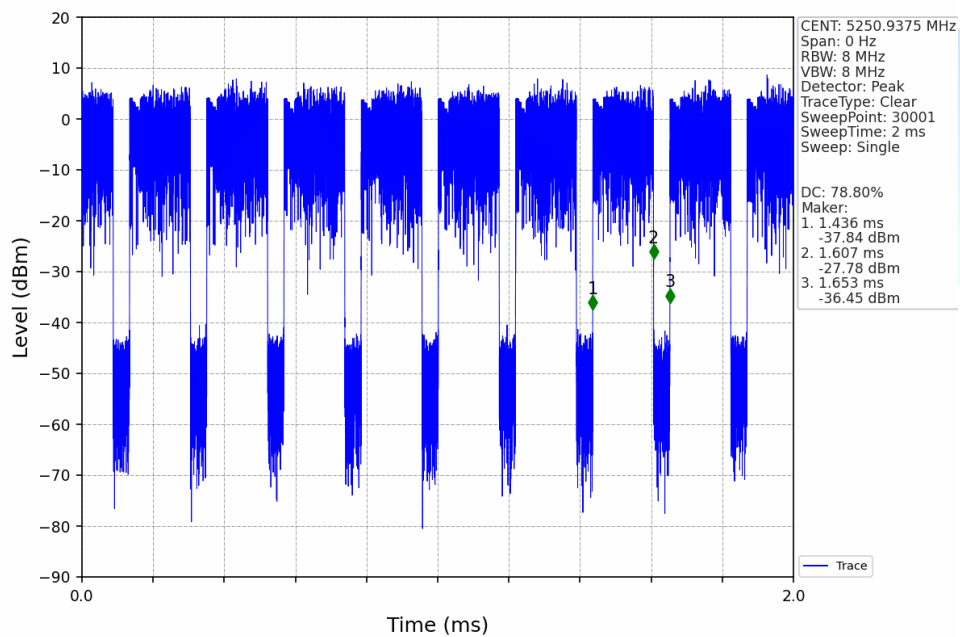
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



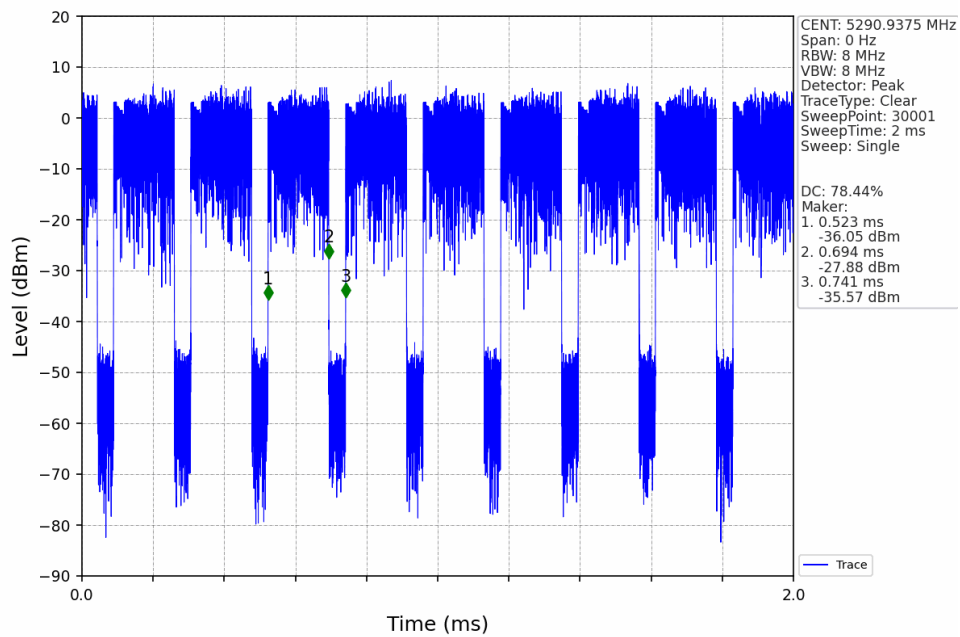
802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



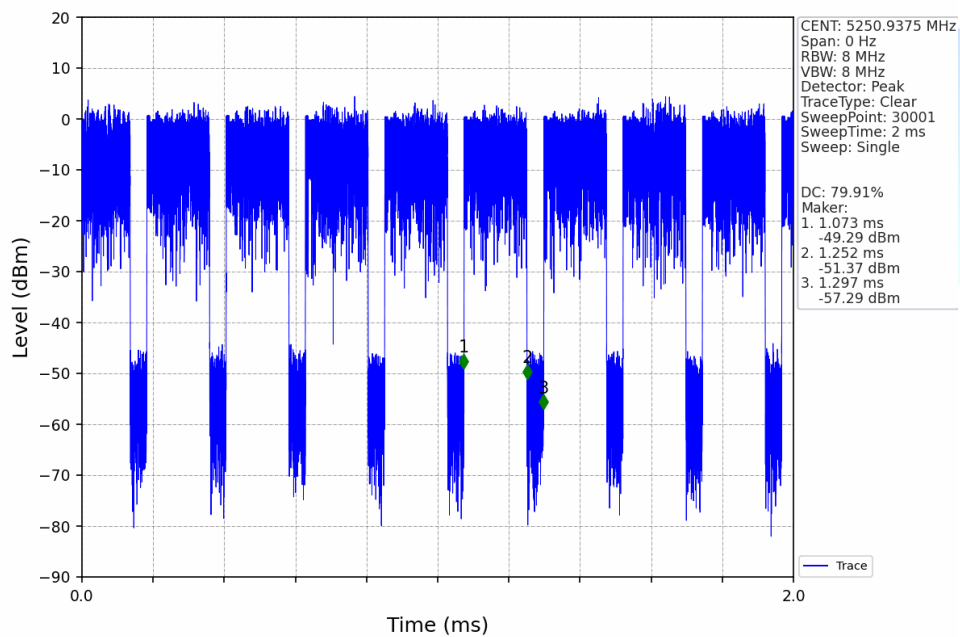
802.11ax(HEW40)_LCH_5270MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_HCH_5310MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV



2. Bandwidth

2.1 Test Result

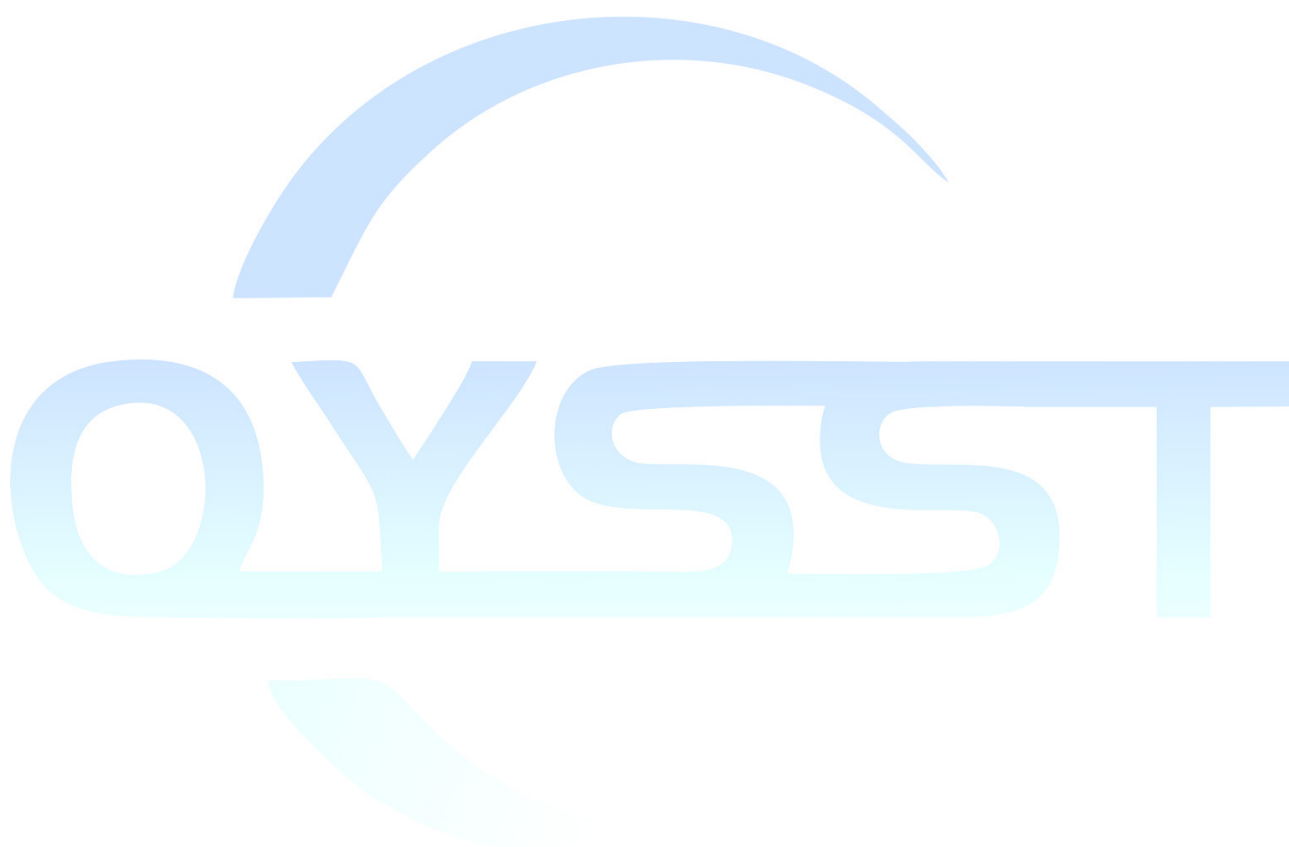
2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5260	/	/	1	17.317	/	Pass
		5300	/	/	1	17.574	/	Pass
		5320	/	/	1	17.345	/	Pass
802.11n (HT20)	SISO	5260	/	/	1	18.381	/	Pass
		5300	/	/	1	18.420	/	Pass
		5320	/	/	1	18.401	/	Pass
802.11n (HT40)	SISO	5270	/	/	1	36.324	/	Pass
		5310	/	/	1	36.297	/	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	18.291	/	Pass
		5300	/	/	1	18.374	/	Pass
		5320	/	/	1	18.259	/	Pass
802.11ac (VHT40)	SISO	5270	/	/	1	36.254	/	Pass
		5310	/	/	1	36.374	/	Pass
802.11ac (VHT80)	SISO	5290	/	/	1	75.633	/	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	19.083	/	Pass
		5300	SU	/	1	19.100	/	Pass
		5320	SU	/	1	19.088	/	Pass
802.11ax (HEW40)	SISO	5270	SU	/	1	37.769	/	Pass
		5310	SU	/	1	37.856	/	Pass
802.11ax (HEW80)	SISO	5290	SU	/	1	76.929	/	Pass

2.1.2 26dB BW

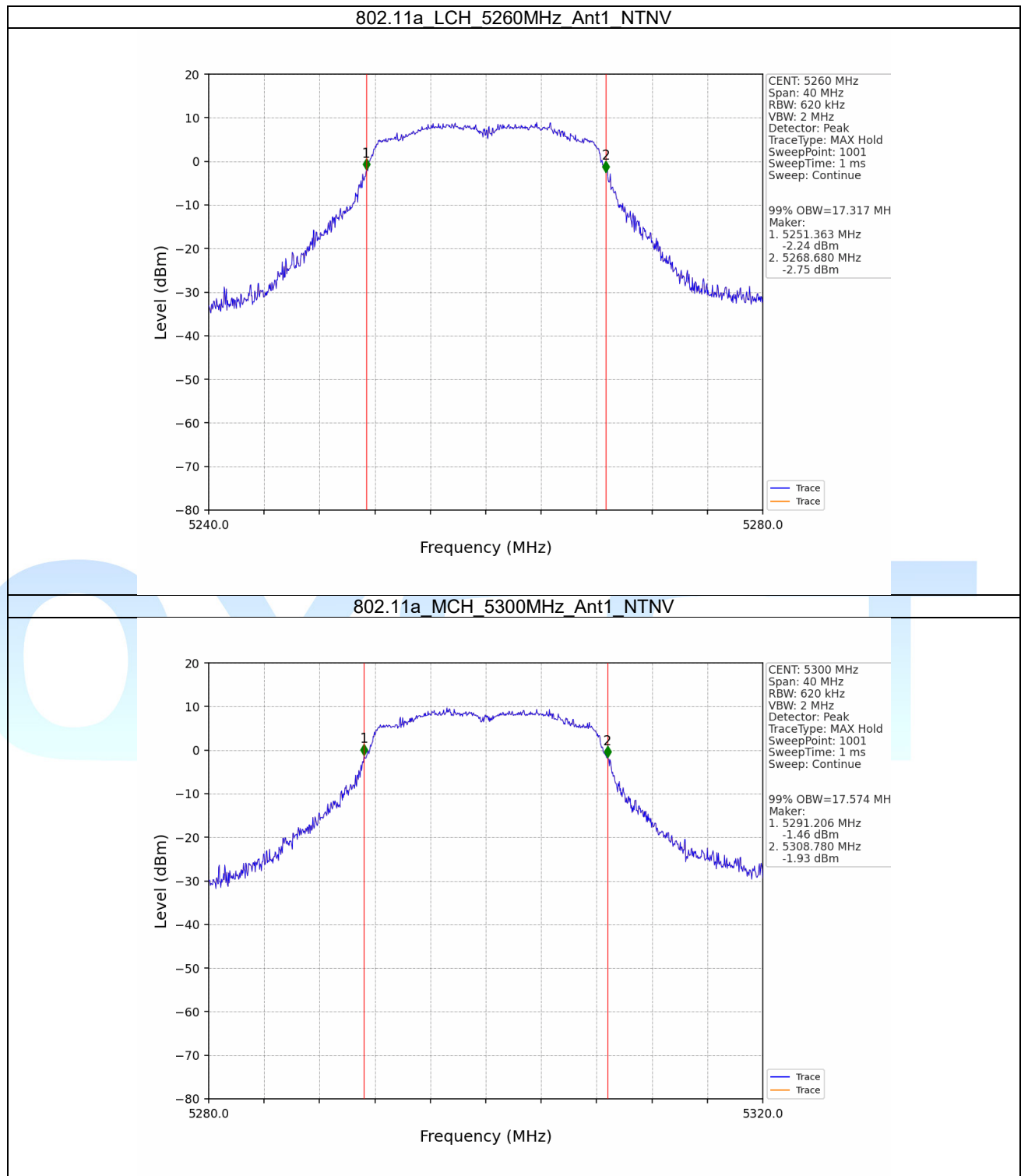
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5260	/	/	1	22.494	/	Pass
		5300	/	/	1	22.895	/	Pass
		5320	/	/	1	22.566	/	Pass
802.11n (HT20)	SISO	5260	/	/	1	22.366	/	Pass
		5300	/	/	1	22.578	/	Pass
		5320	/	/	1	22.581	/	Pass
802.11n (HT40)	SISO	5270	/	/	1	42.990	/	Pass
		5310	/	/	1	42.663	/	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	22.344	/	Pass
		5300	/	/	1	23.297	/	Pass
		5320	/	/	1	22.363	/	Pass
802.11ac (VHT40)	SISO	5270	/	/	1	42.011	/	Pass
		5310	/	/	1	42.410	/	Pass
802.11ac (VHT80)	SISO	5290	/	/	1	85.150	/	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	23.114	/	Pass
		5300	SU	/	1	22.348	/	Pass
		5320	SU	/	1	23.077	/	Pass
802.11ax (HEW40)	SISO	5270	SU	/	1	42.341	/	Pass
		5310	SU	/	1	42.541	/	Pass
802.11ax	SISO	5290	SU	/	1	82.004	/	Pass

(HEW80)								
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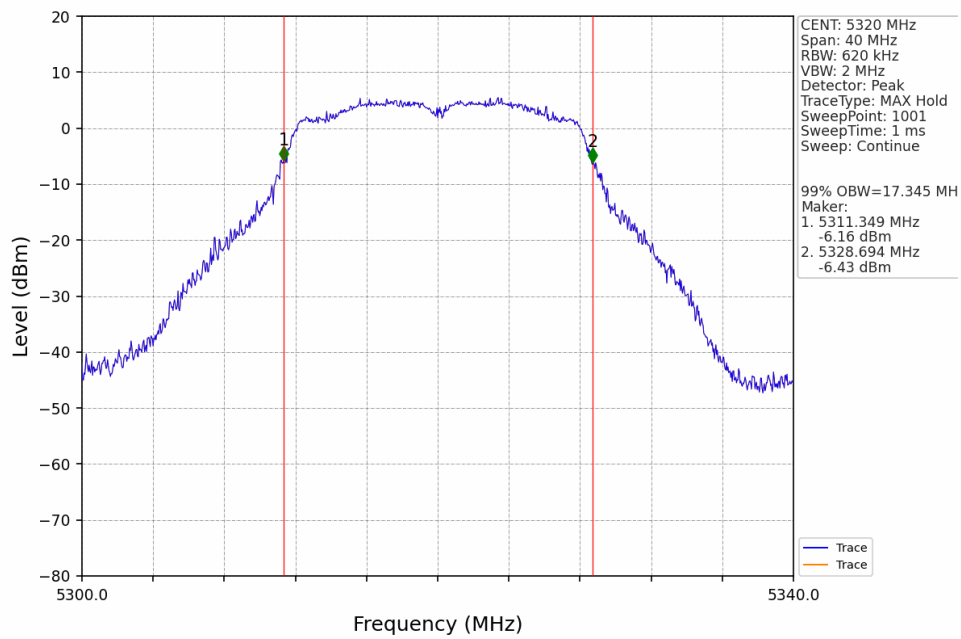


2.2 Test Graph

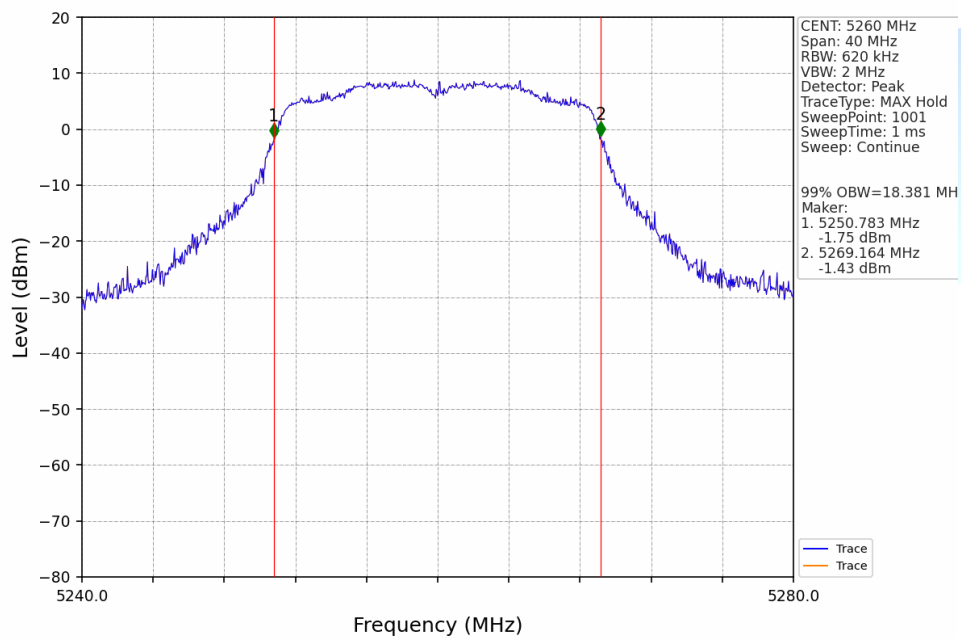
2.2.1 OBW



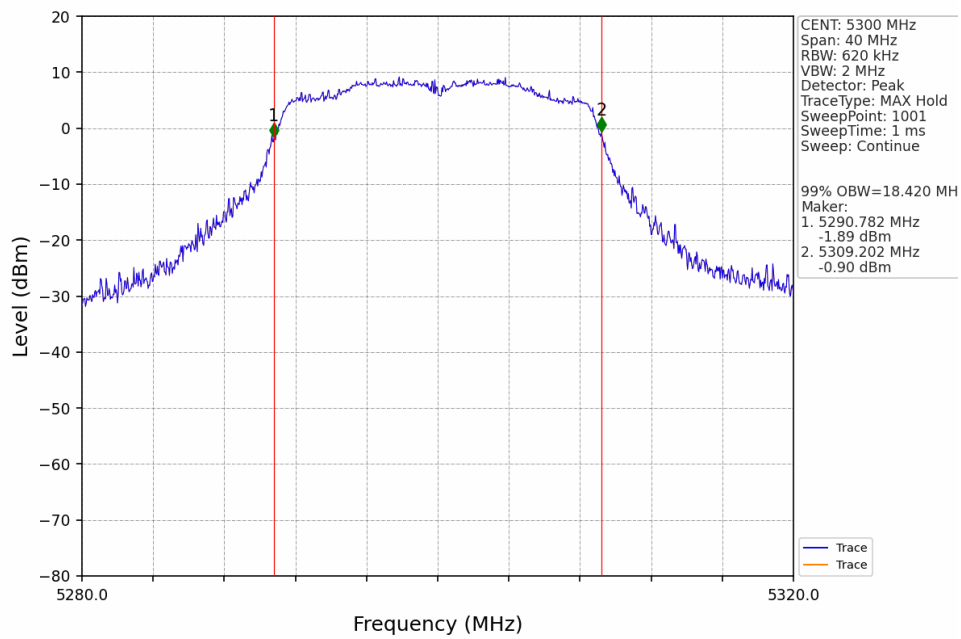
802.11a_HCH_5320MHz_Ant1_NTNV



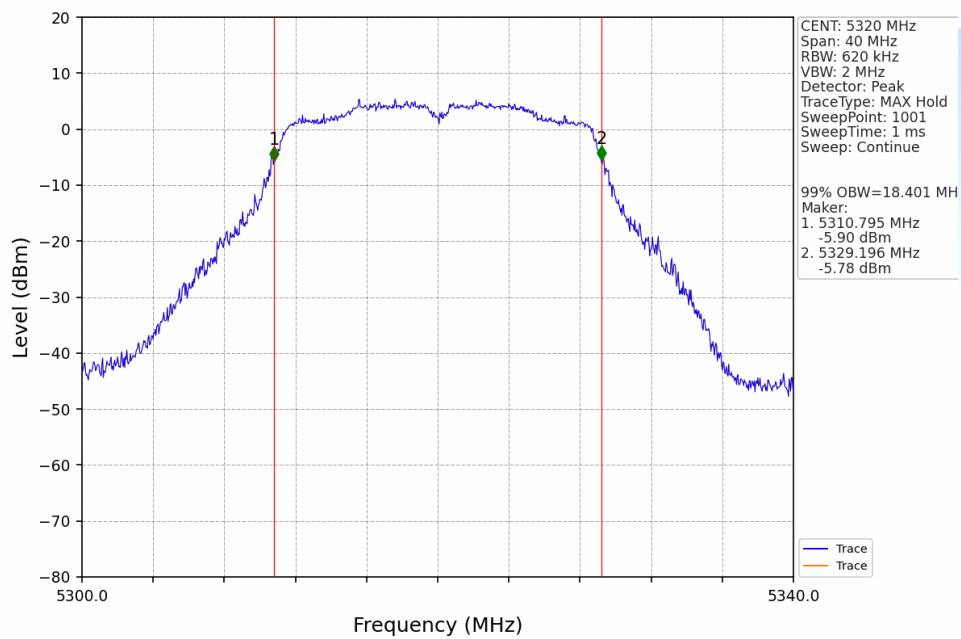
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



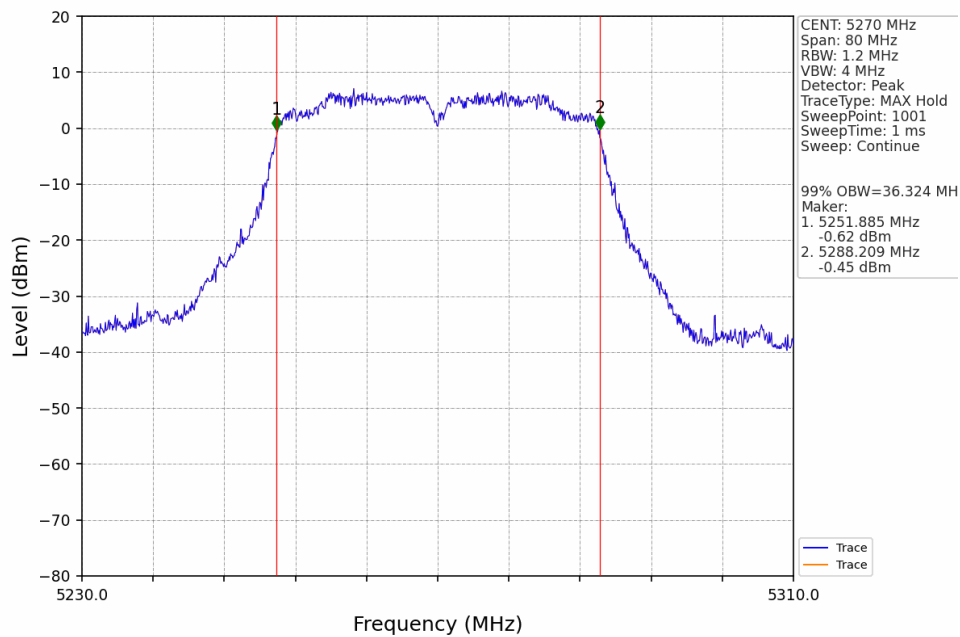
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



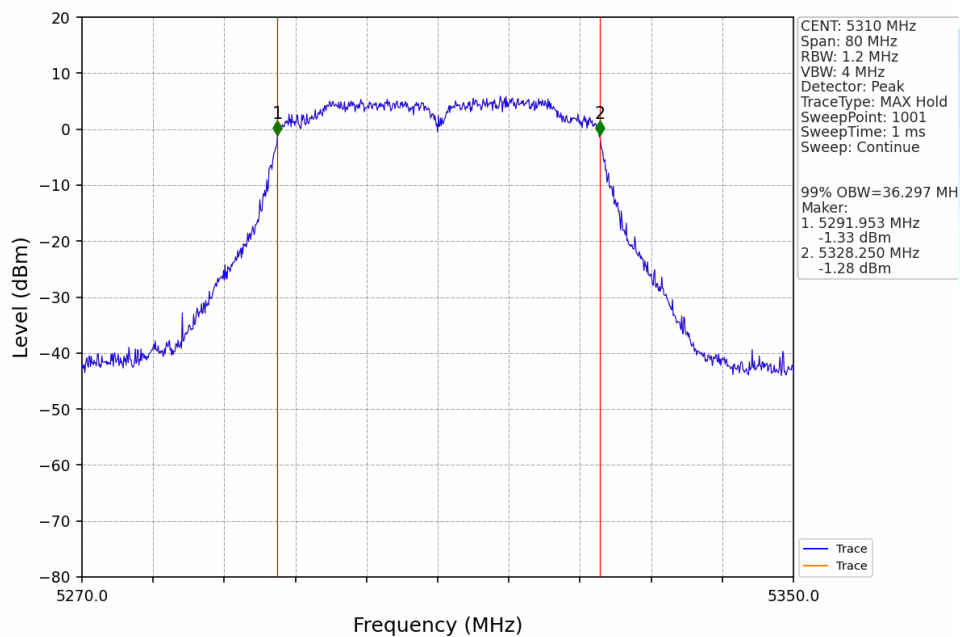
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



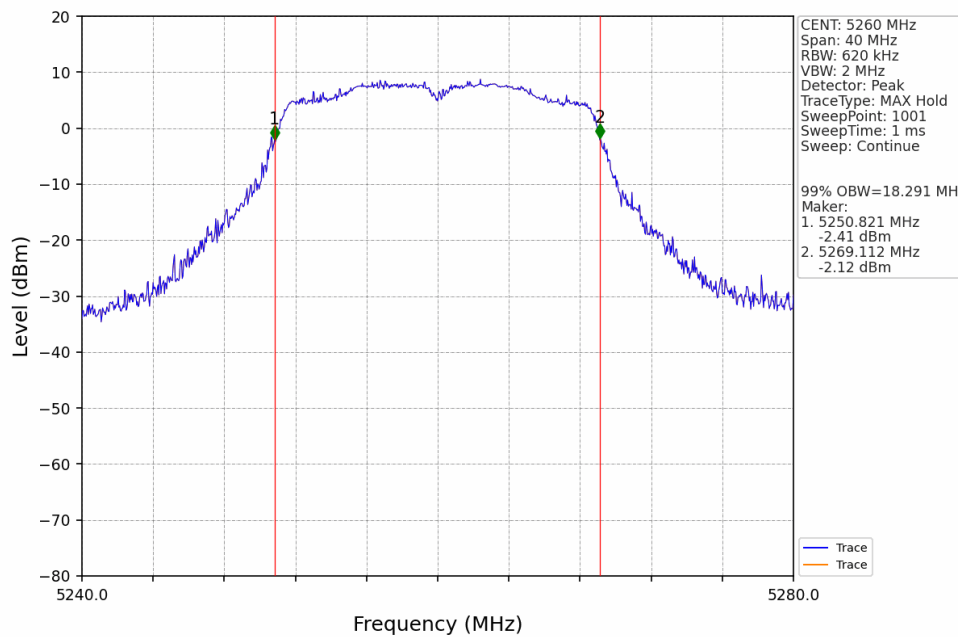
802.11n(HT40) LCH 5270MHz_Ant1_NTNV



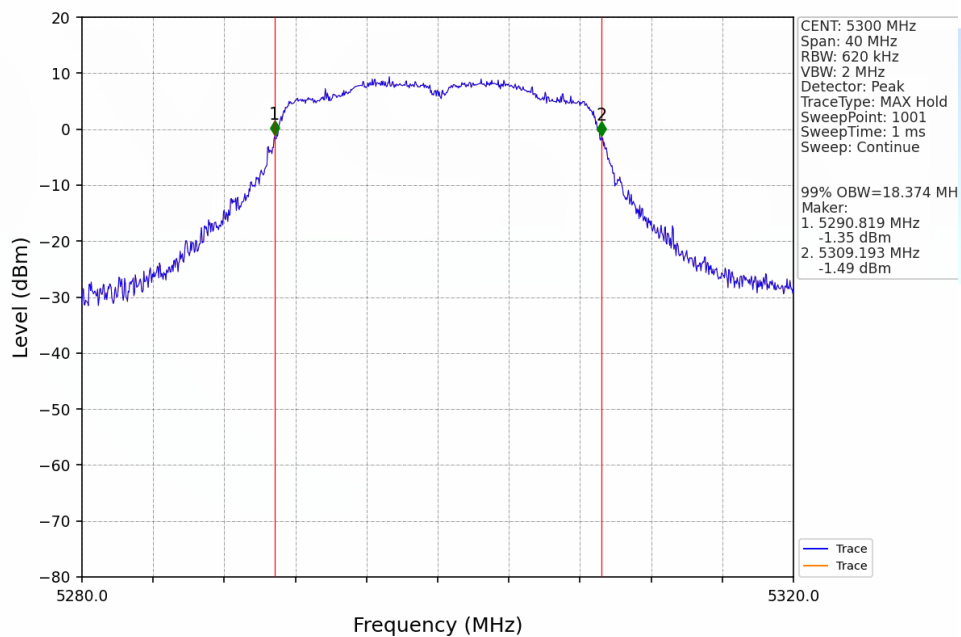
802.11n(HT40) HCH 5310MHz_Ant1_NTNV



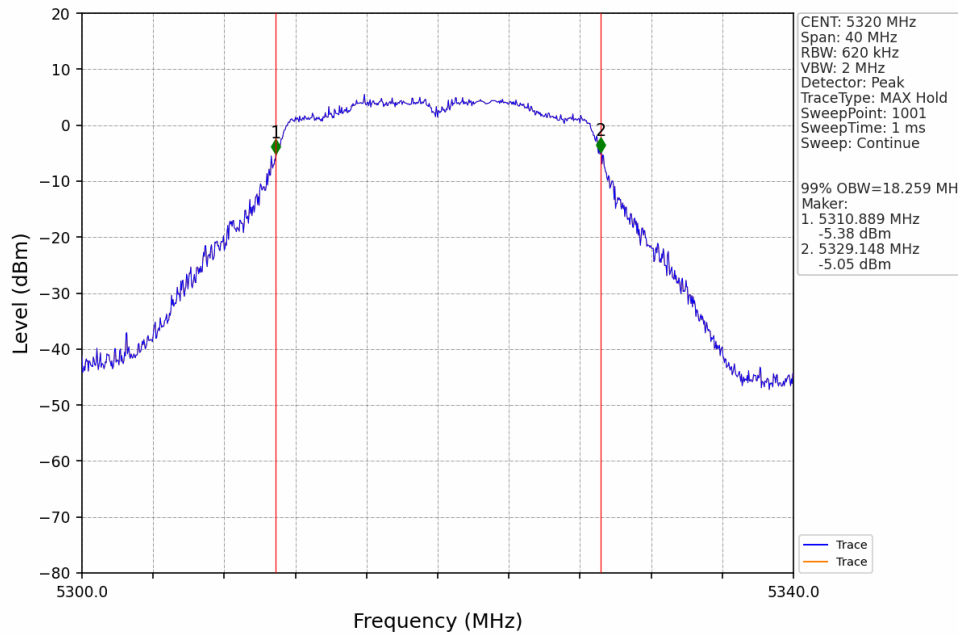
802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV



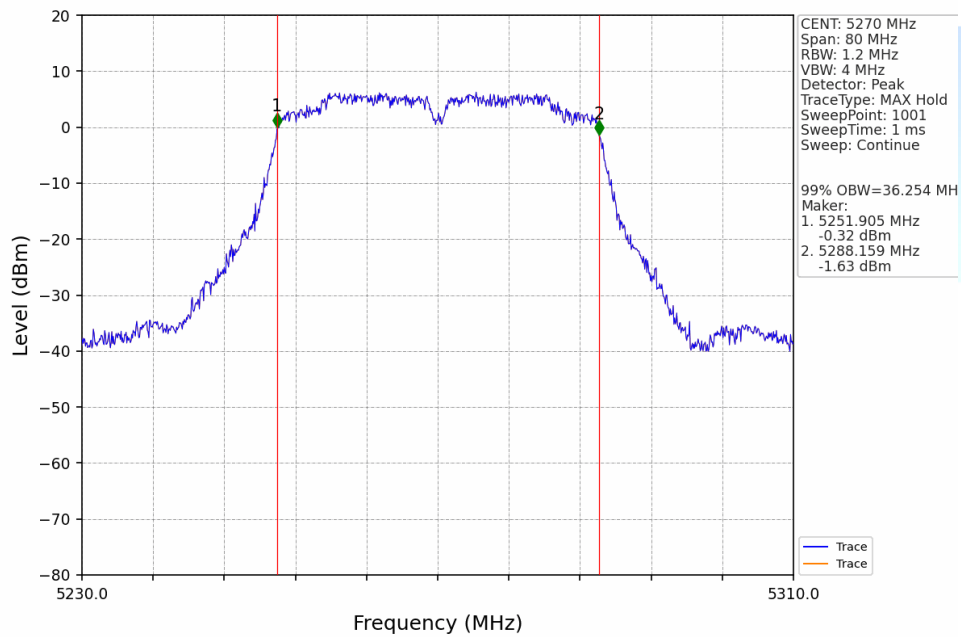
802.11ac(VHT20) MCH_5300MHz_Ant1_NTNV



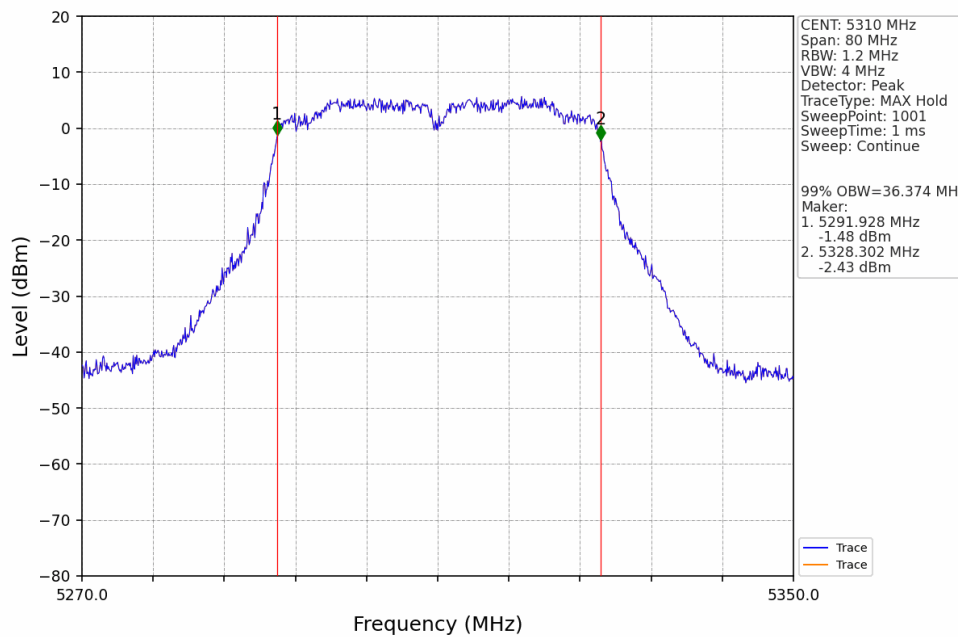
802.11ac(VHT20) HCH_5320MHz_Ant1_NTNV



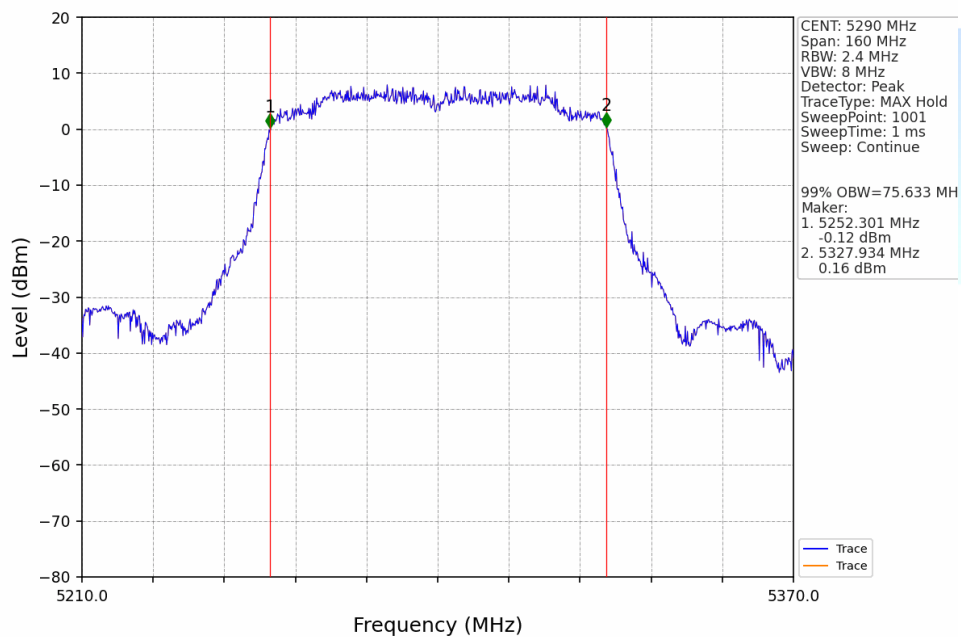
802.11ac(VHT40) LCH_5270MHz_Ant1_NTNV



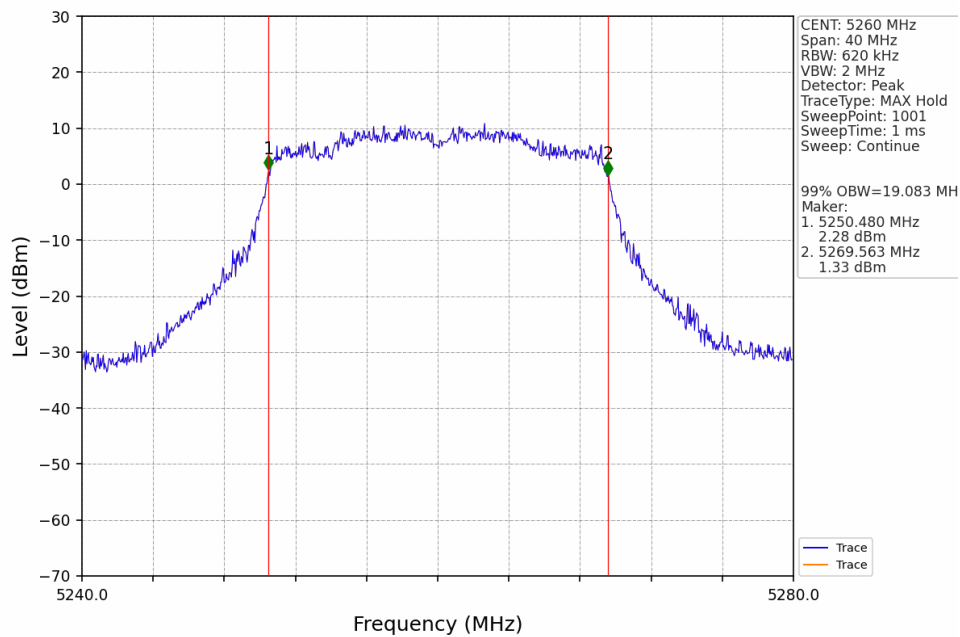
802.11ac(VHT40) HCH_5310MHz_Ant1_NTNV



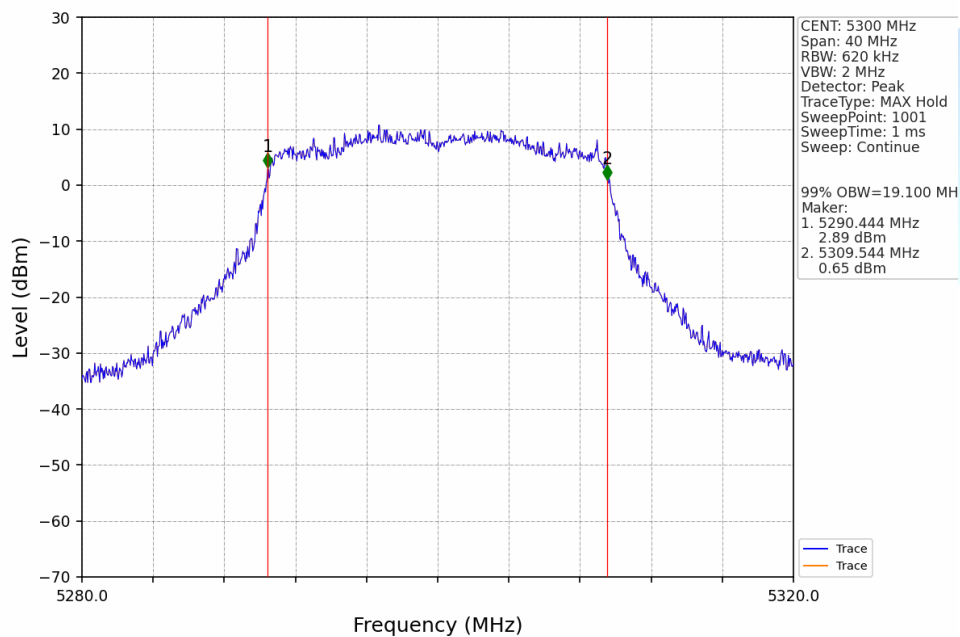
802.11ac(VHT80) MCH_5290MHz_Ant1_NTNV



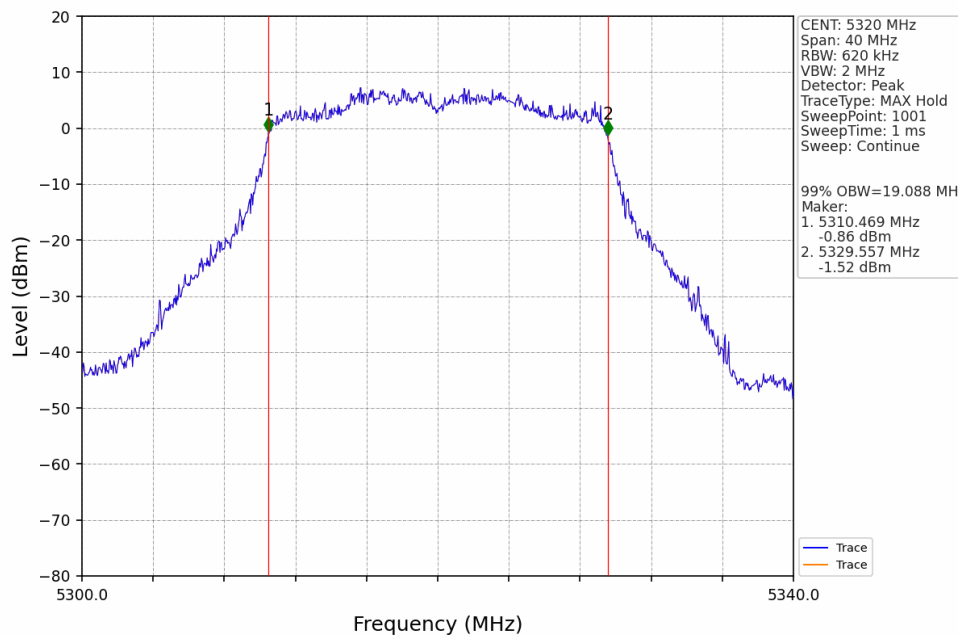
802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



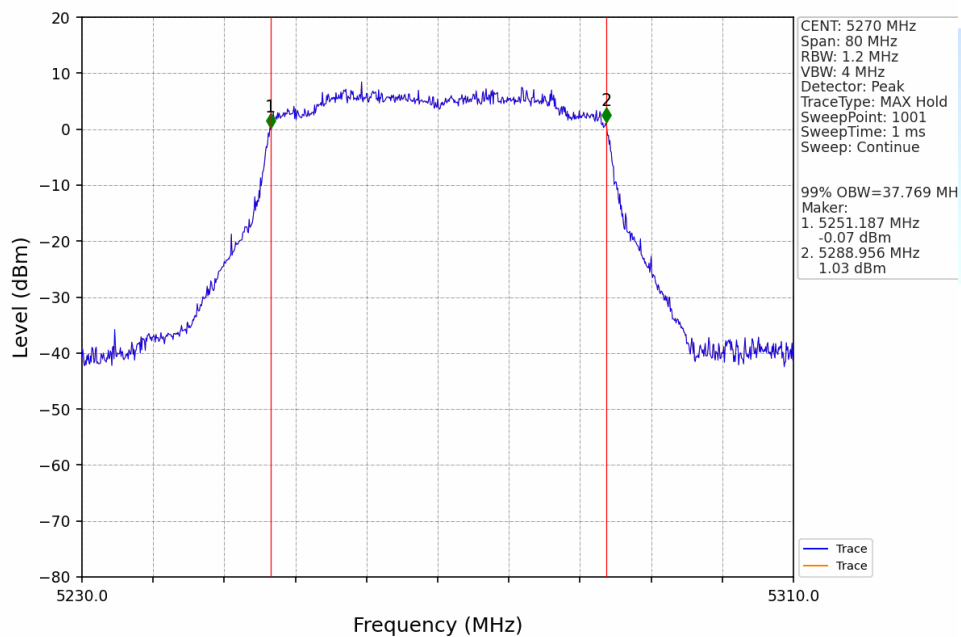
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



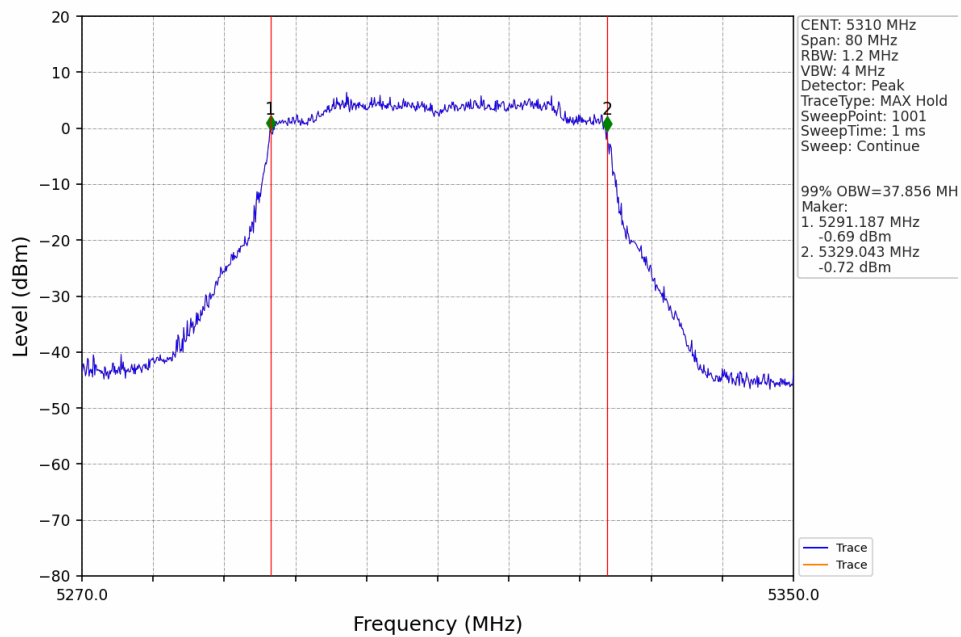
802.11ax(HEW20)_HCH_5320MHz_SU / Ant1_NTNV



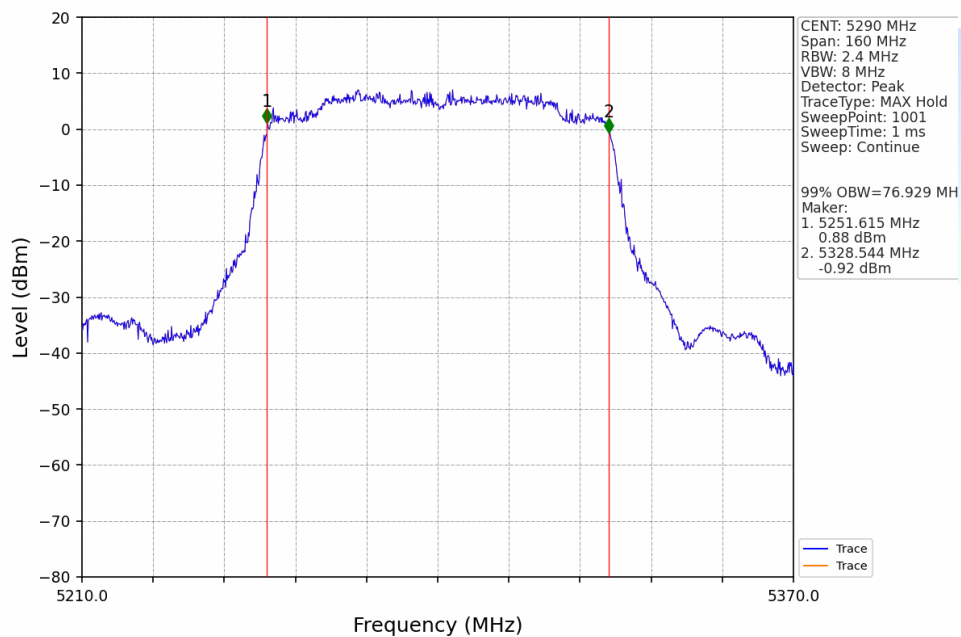
802.11ax(HEW40)_LCH_5270MHz_SU / Ant1_NTNV



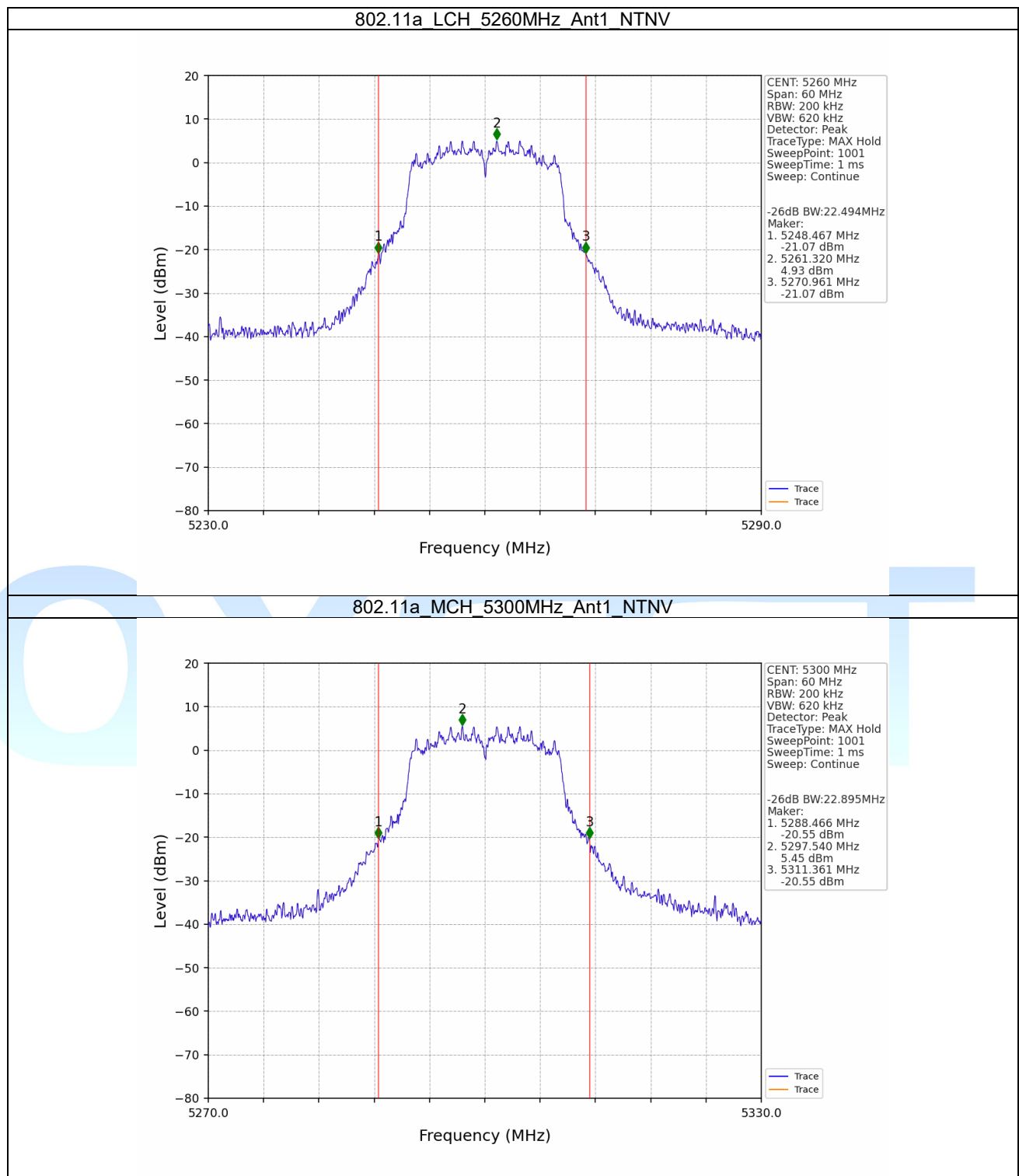
802.11ax(HEW40)_HCH_5310MHz_SU / Ant1_NTNV



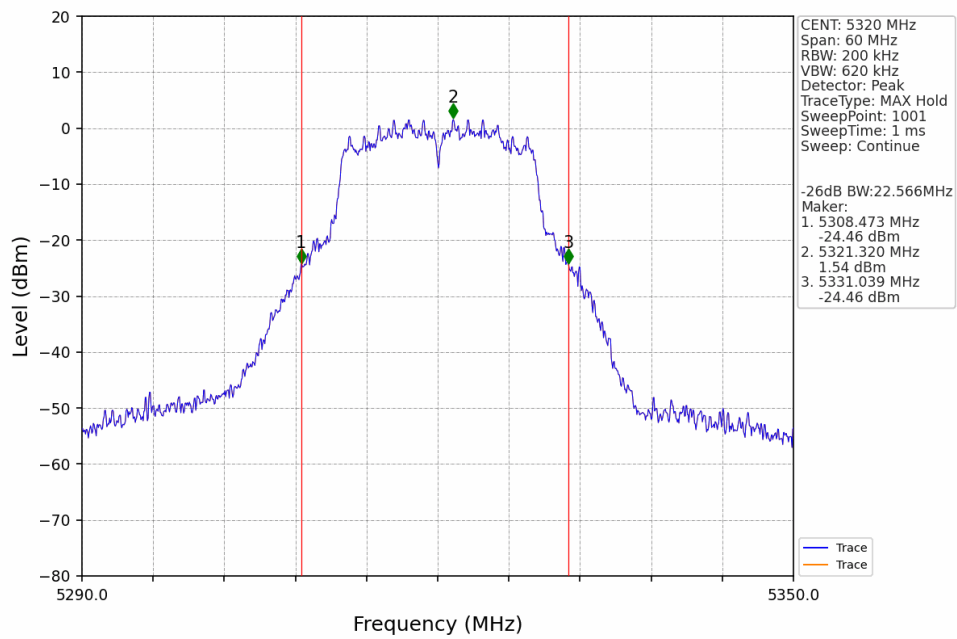
802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV



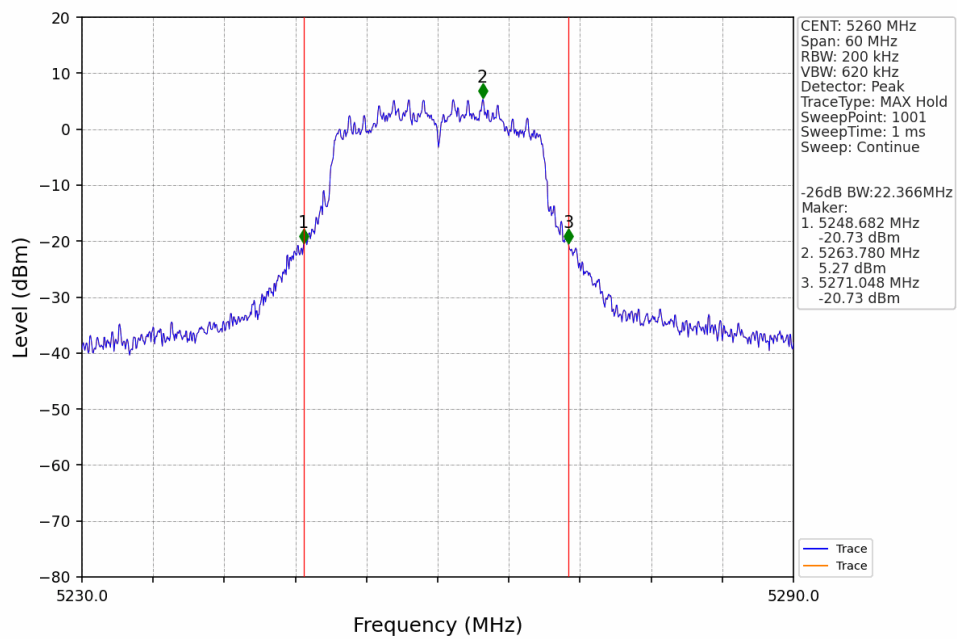
2.2.2 26dB BW



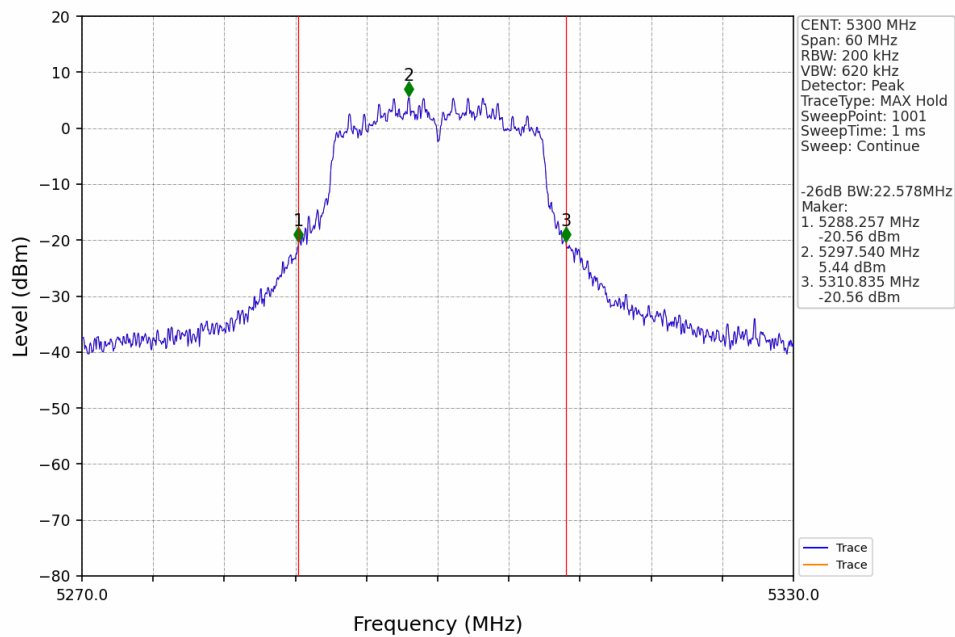
802.11a_HCH_5320MHz_Ant1_NTNV



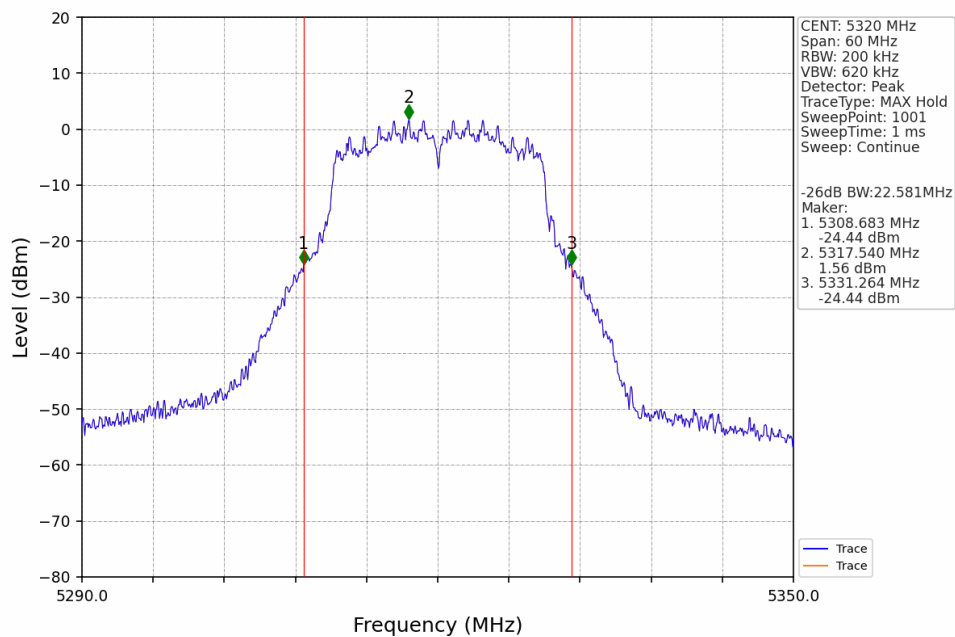
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



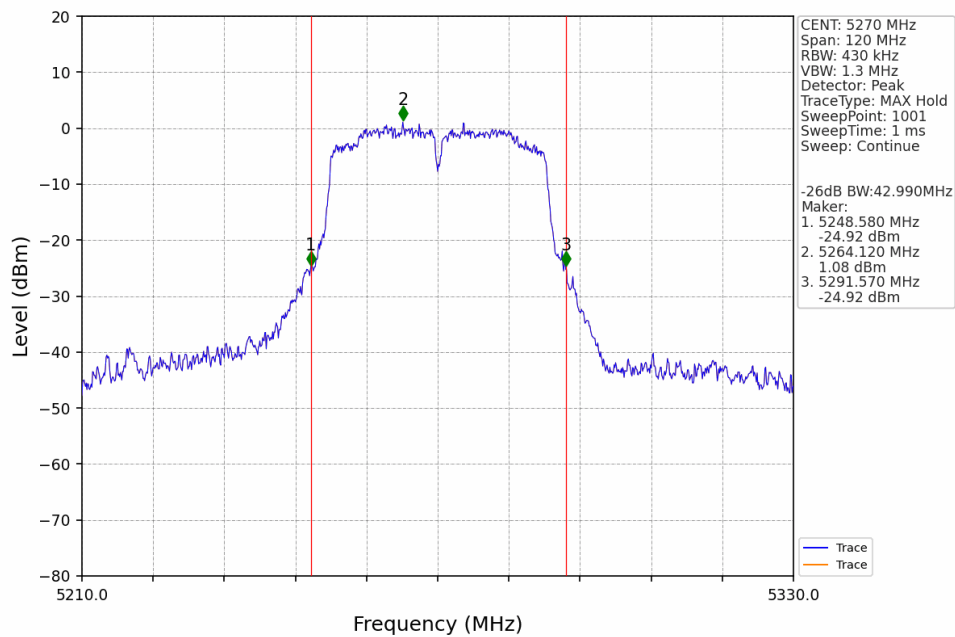
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



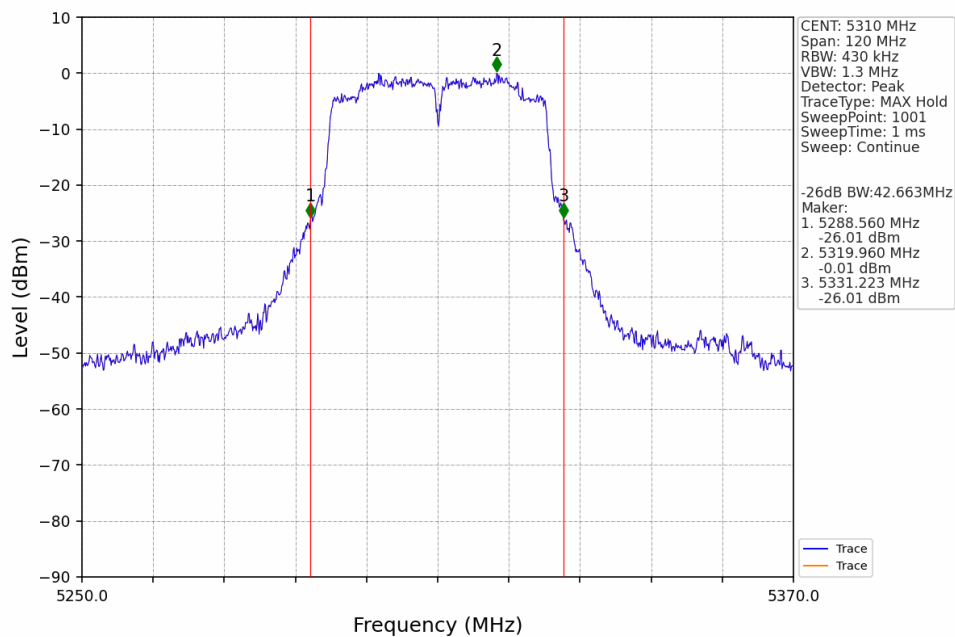
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



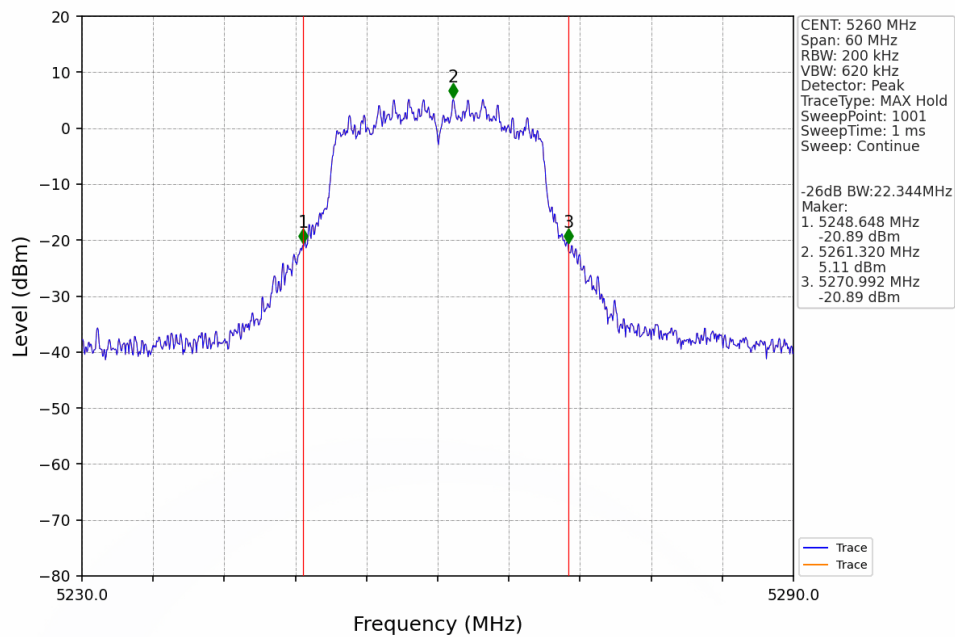
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



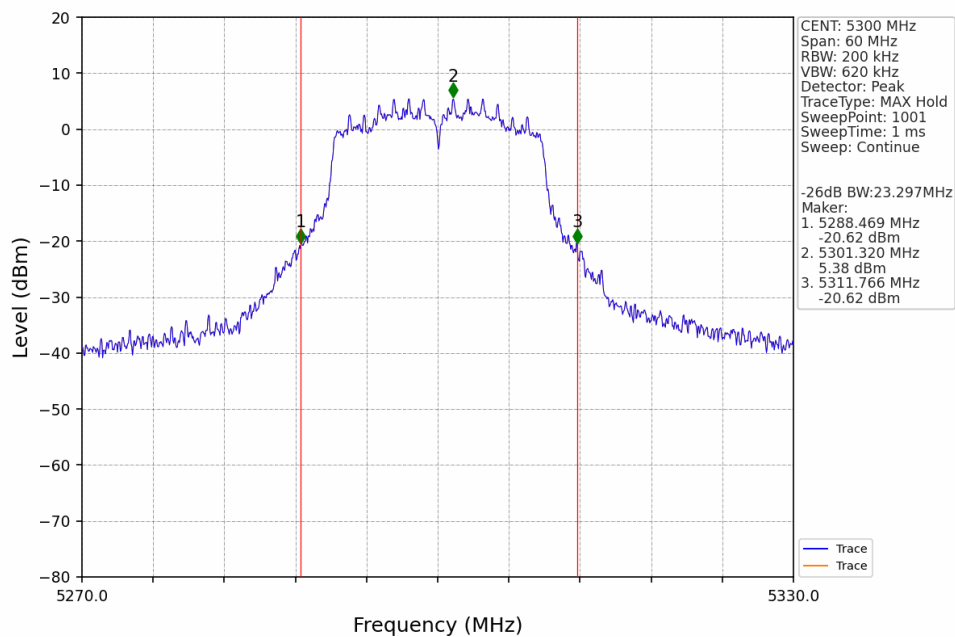
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



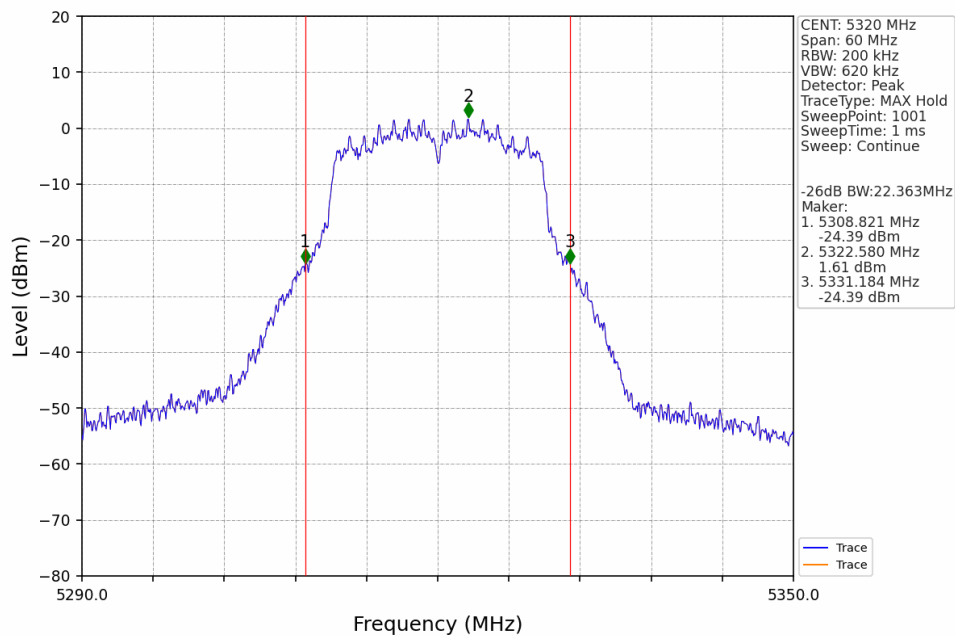
802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV



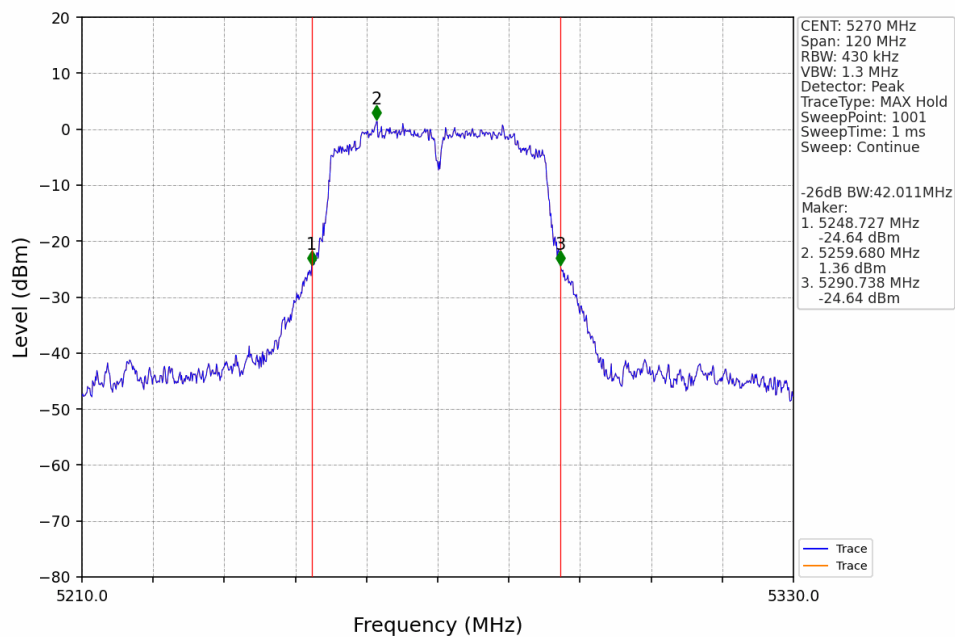
802.11ac(VHT20) MCH_5300MHz_Ant1_NTNV



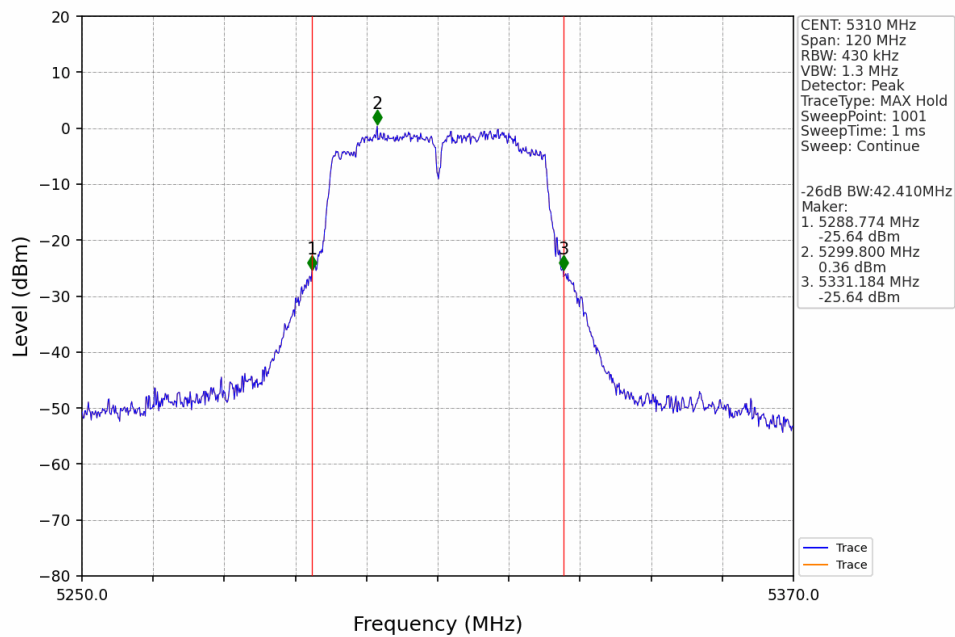
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



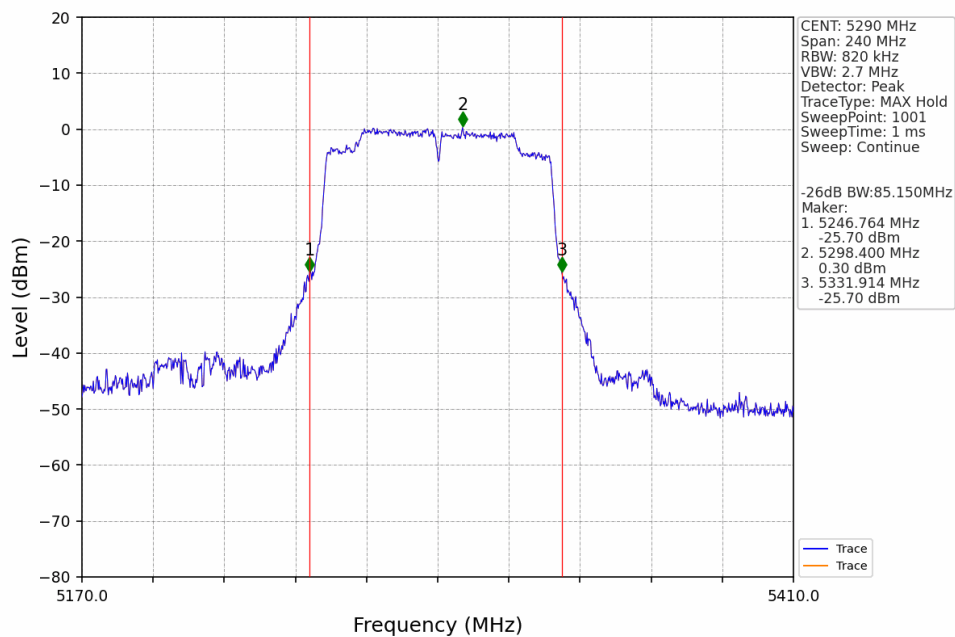
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



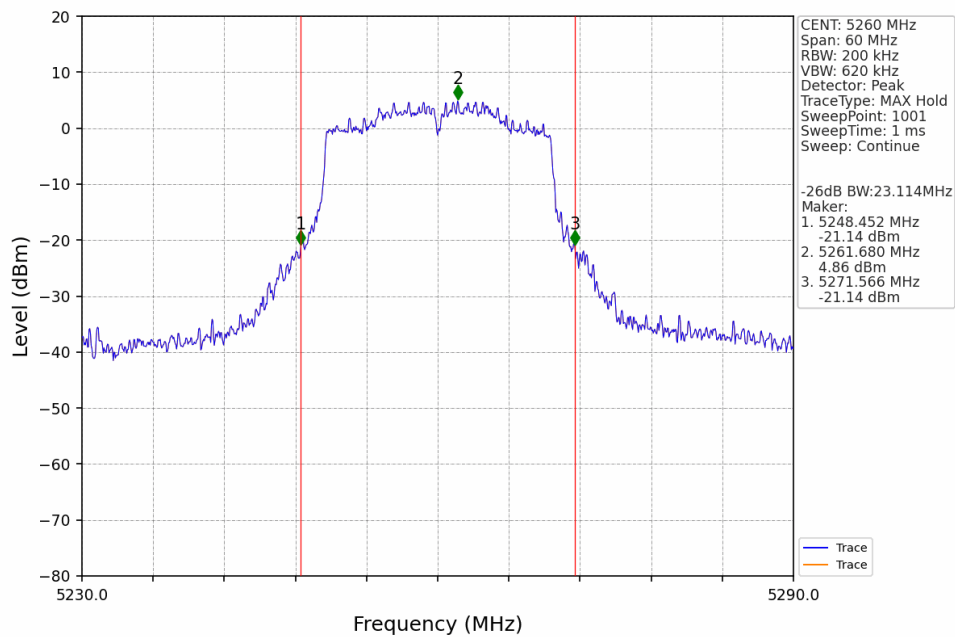
802.11ac(VHT40) HCH 5310MHz_Ant1_NTNV



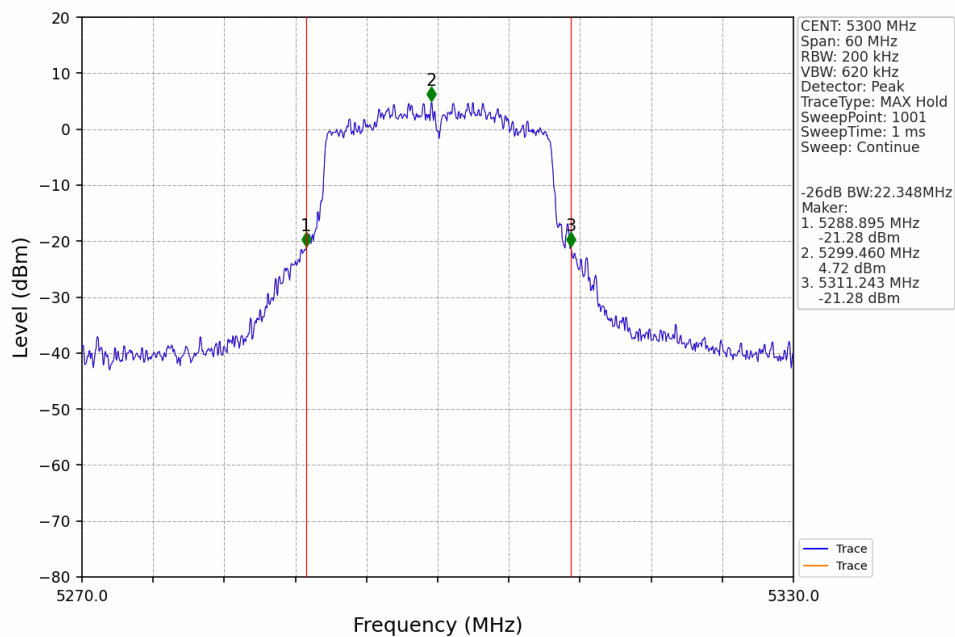
802.11ac(VHT80) MCH 5290MHz_Ant1_NTNV



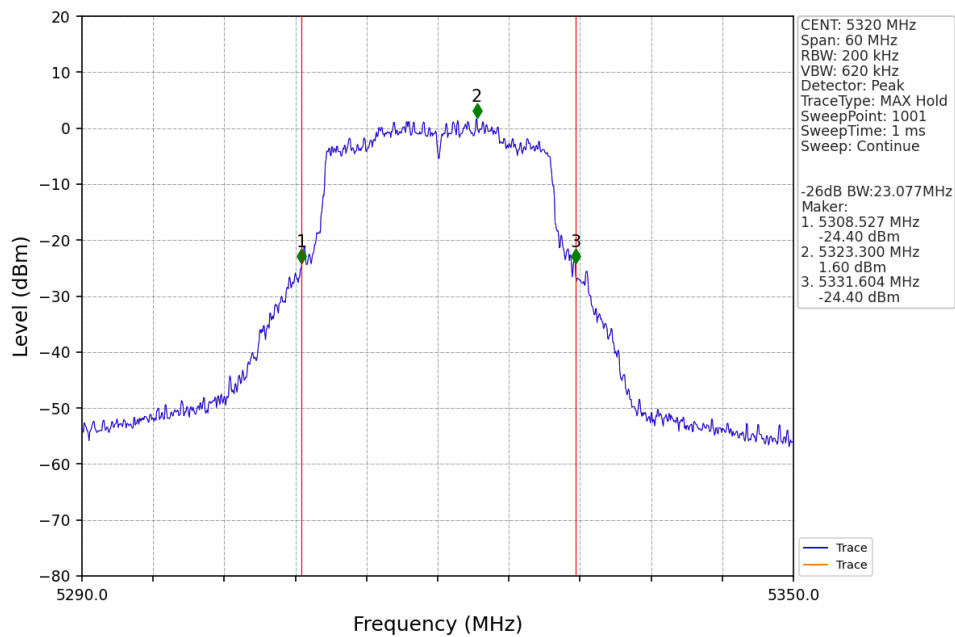
802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



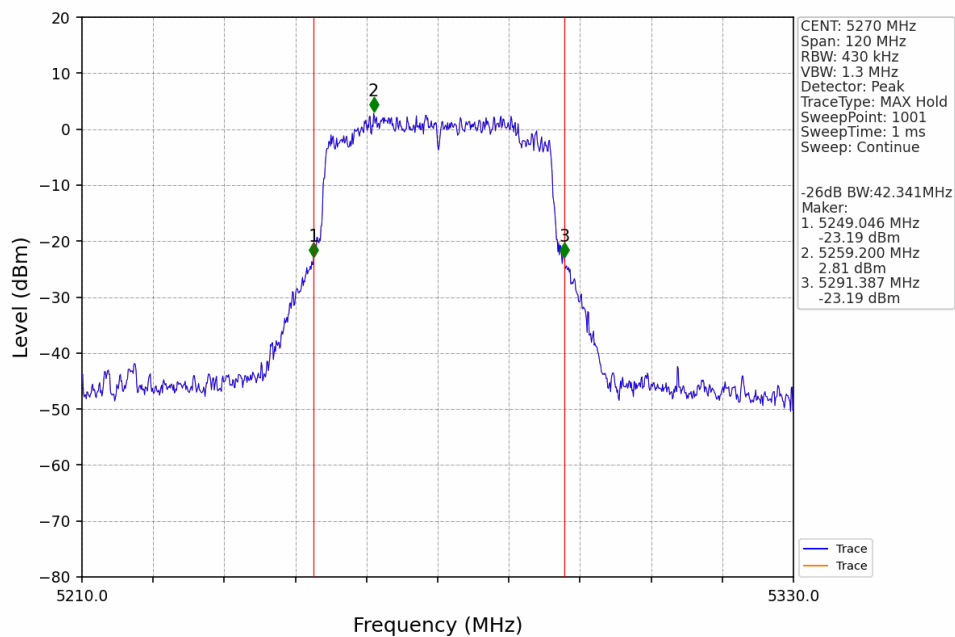
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



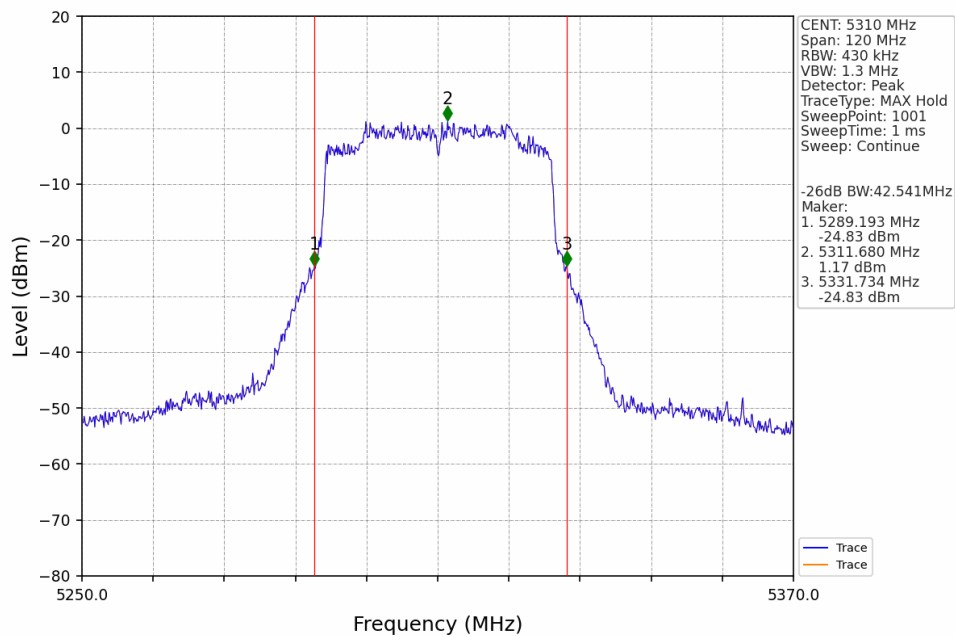
802.11ax(HEW20)_HCH_5320MHz_SU_/_Ant1_NTNV



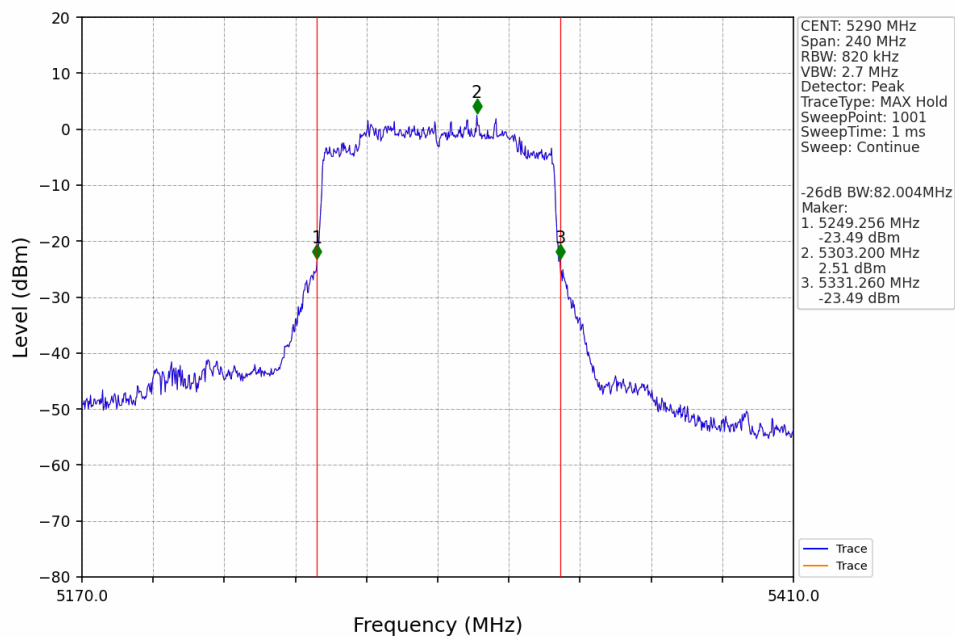
802.11ax(HEW40)_LCH_5270MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_HCH_5310MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5290MHz_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	5260	/	/	13.85	<=23.98	Pass
		5300	/	/	14.30	<=23.98	Pass
		5320	/	/	10.49	<=23.98	Pass
802.11n (HT20)	SISO	5260	/	/	14.06	<=23.98	Pass
		5300	/	/	14.17	<=23.98	Pass
		5320	/	/	10.48	<=23.98	Pass
802.11n (HT40)	SISO	5270	/	/	10.63	<=23.98	Pass
		5310	/	/	9.90	<=23.98	Pass
802.11ac (VHT20)	SISO	5260	/	/	13.95	<=23.98	Pass
		5300	/	/	14.20	<=23.98	Pass
		5320	/	/	10.48	<=23.98	Pass
802.11ac (VHT40)	SISO	5270	/	/	10.57	<=23.98	Pass
		5310	/	/	9.86	<=23.98	Pass
802.11ac (VHT80)	SISO	5290	/	/	10.64	<=23.98	Pass
802.11ax (HEW20)	SISO	5260	SU	/	13.34	<=23.98	Pass
		5300	SU	/	13.63	<=23.98	Pass
		5320	SU	/	10.22	<=23.98	Pass
802.11ax (HEW40)	SISO	5270	SU	/	10.67	<=23.98	Pass
		5310	SU	/	9.52	<=23.98	Pass
802.11ax (HEW80)	SISO	5290	SU	/	9.76	<=23.98	Pass

Note1: Antenna Gain: Ant1: 2.20dBi;

4. Maximum Power Spectral Density

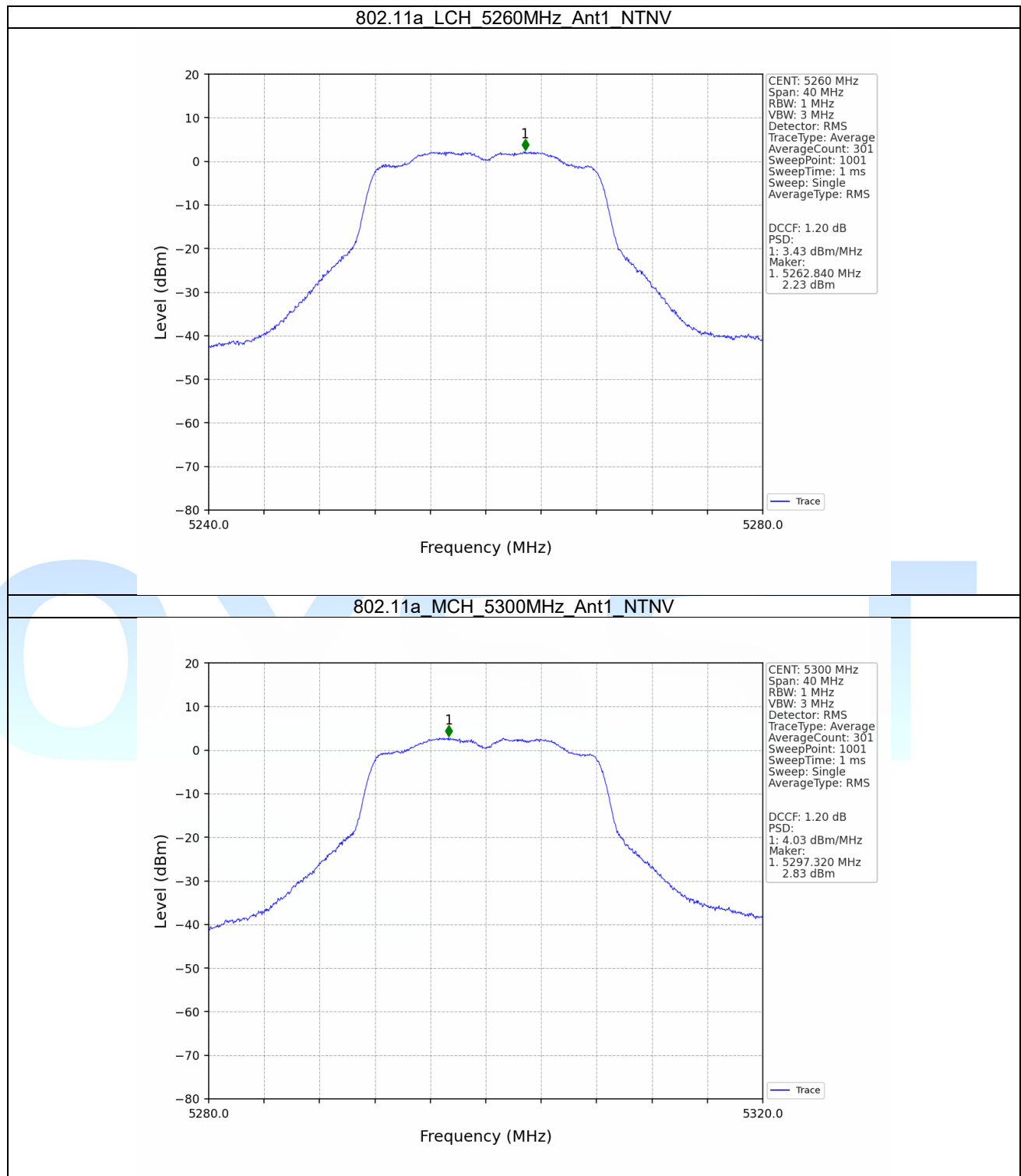
4.1 Test Result

4.1.1 PSD

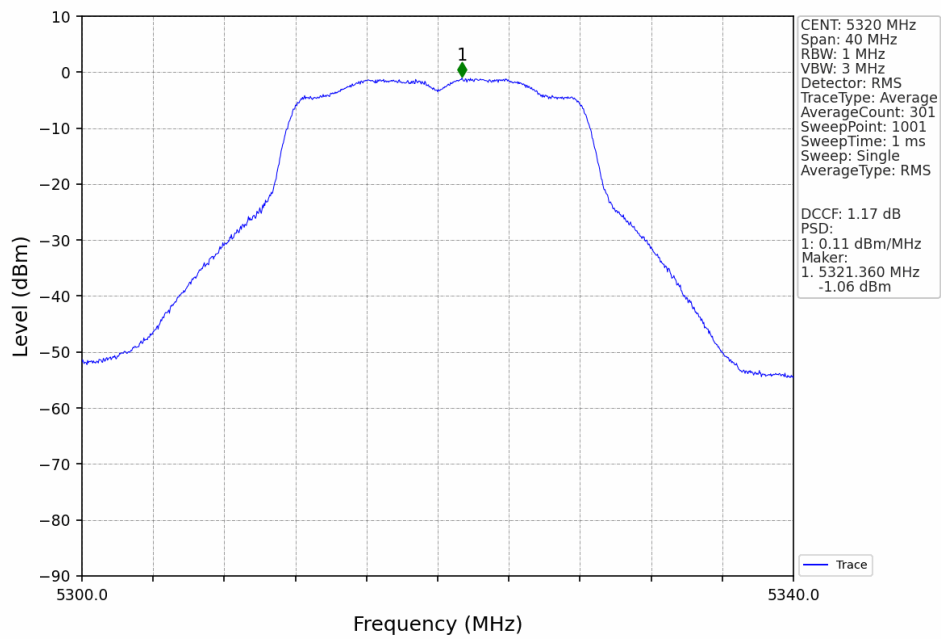
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5260	/	/	3.43	<=11	Pass
		5300	/	/	4.03	<=11	Pass
		5320	/	/	0.11	<=11	Pass
802.11n (HT20)	SISO	5260	/	/	3.75	<=11	Pass
		5300	/	/	3.75	<=11	Pass
		5320	/	/	-0.04	<=11	Pass
802.11n (HT40)	SISO	5270	/	/	-3.12	<=11	Pass
		5310	/	/	-3.90	<=11	Pass
802.11ac (VHT20)	SISO	5260	/	/	3.45	<=11	Pass
		5300	/	/	3.70	<=11	Pass
		5320	/	/	-0.13	<=11	Pass
802.11ac (VHT40)	SISO	5270	/	/	-3.18	<=11	Pass
		5310	/	/	-3.92	<=11	Pass
802.11ac (VHT80)	SISO	5290	/	/	-6.23	<=11	Pass
802.11ax (HEW20)	SISO	5260	SU	/	2.71	<=11	Pass
		5300	SU	/	3.07	<=11	Pass
		5320	SU	/	-0.38	<=11	Pass
802.11ax (HEW40)	SISO	5270	SU	/	-3.24	<=11	Pass
		5310	SU	/	-4.53	<=11	Pass
802.11ax (HEW80)	SISO	5290	SU	/	-6.98	<=11	Pass
Note1: Antenna Gain: Ant1: 2.20dBi;							

4.2 Test Graph

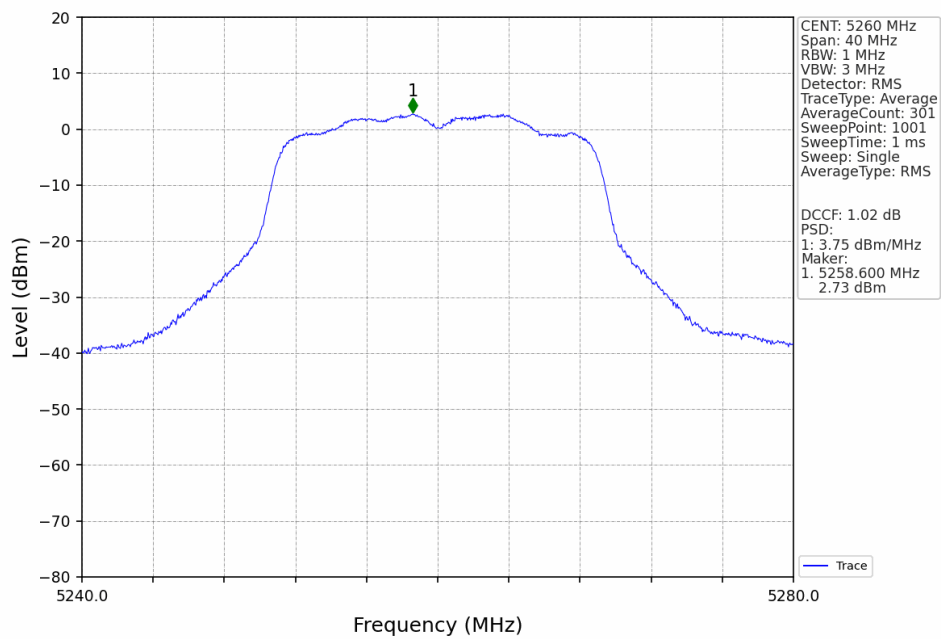
4.2.1 PSD



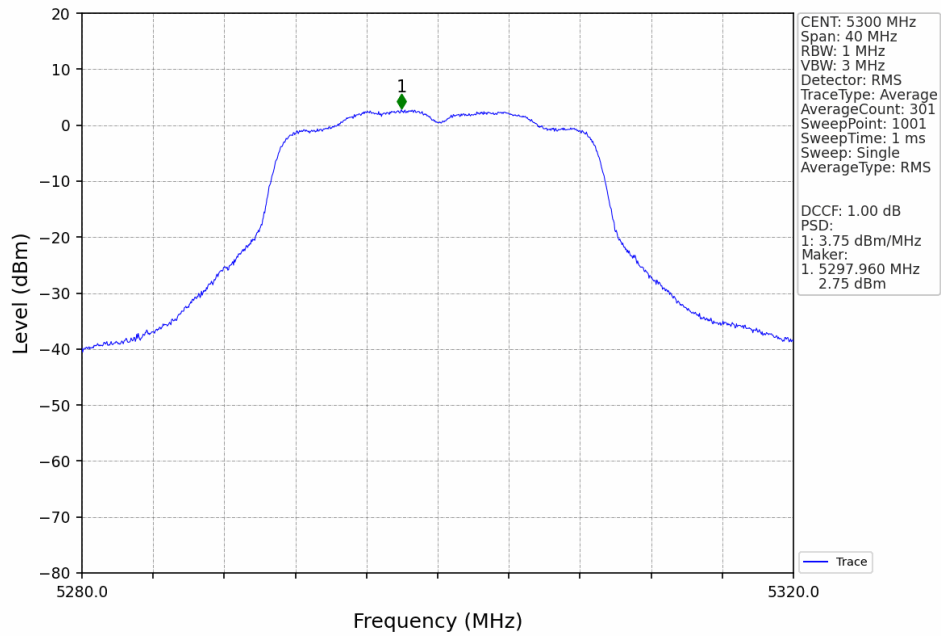
802.11a_HCH_5320MHz_Ant1_NTNV



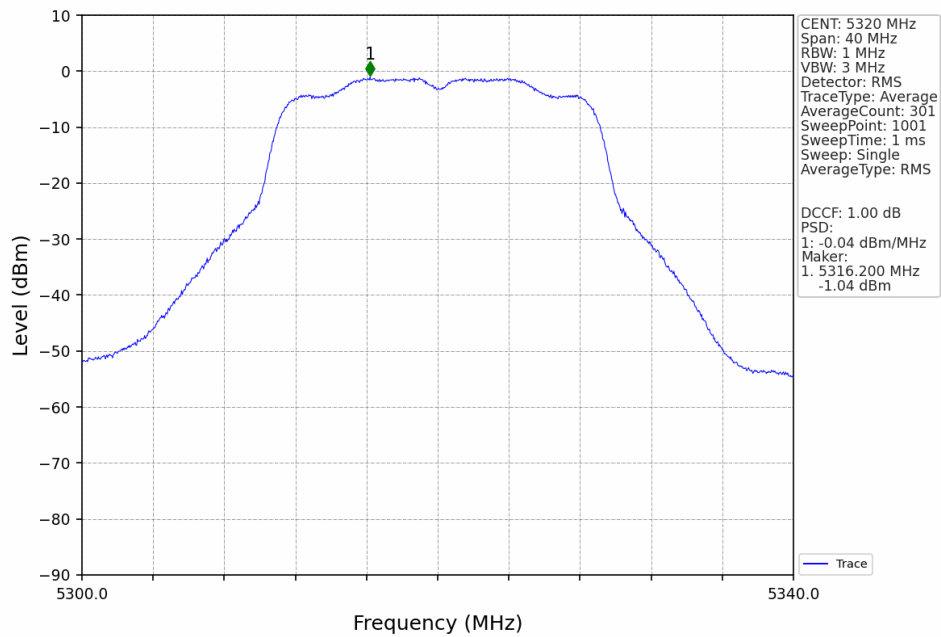
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



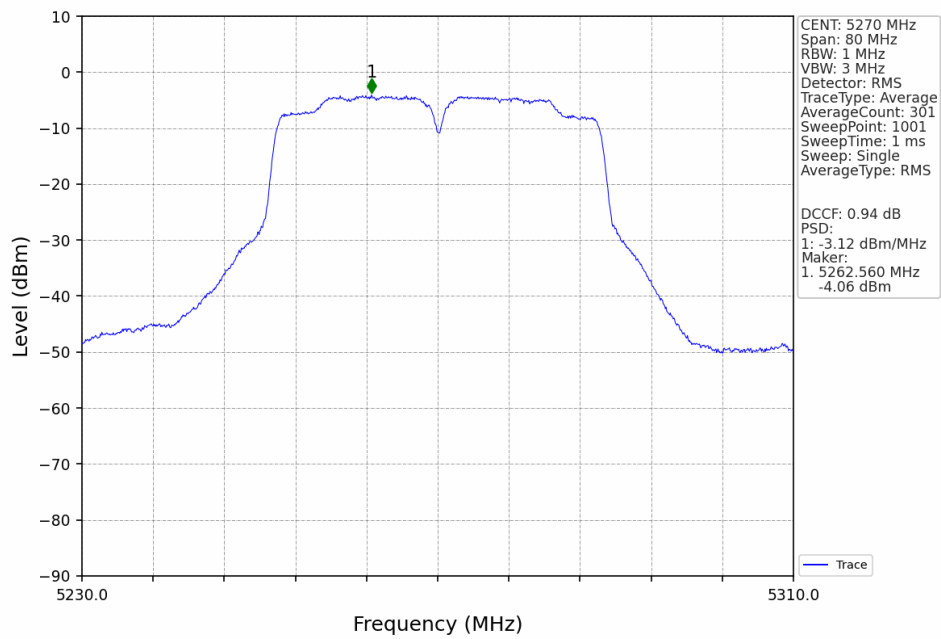
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



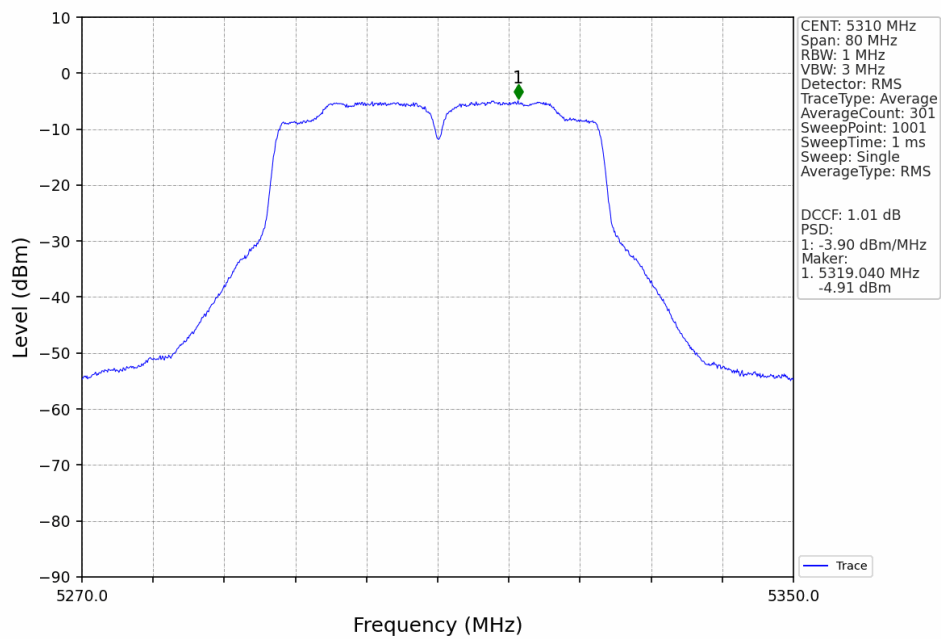
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



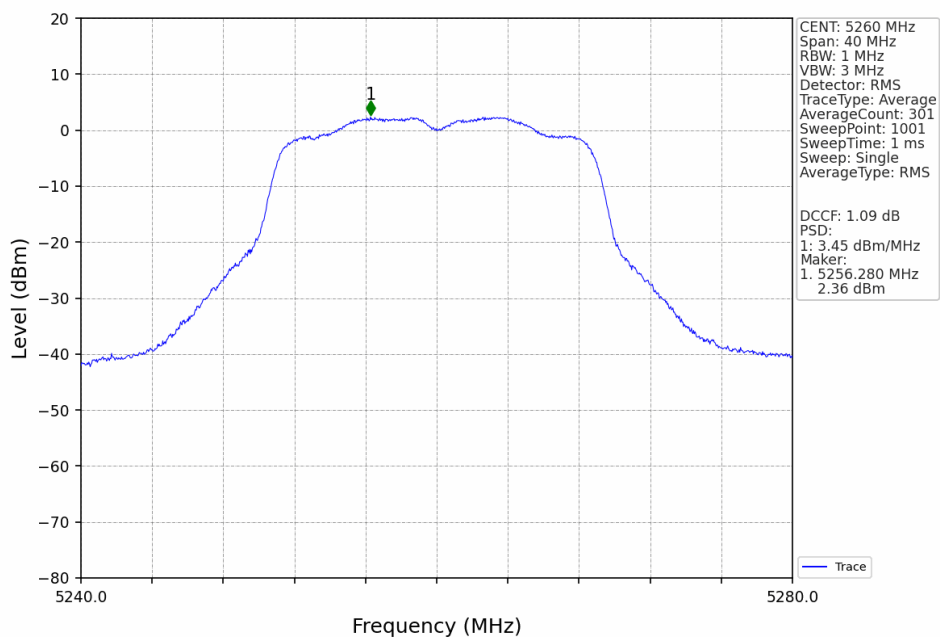
802.11n(HT40) LCH 5270MHz_Ant1_NTNV



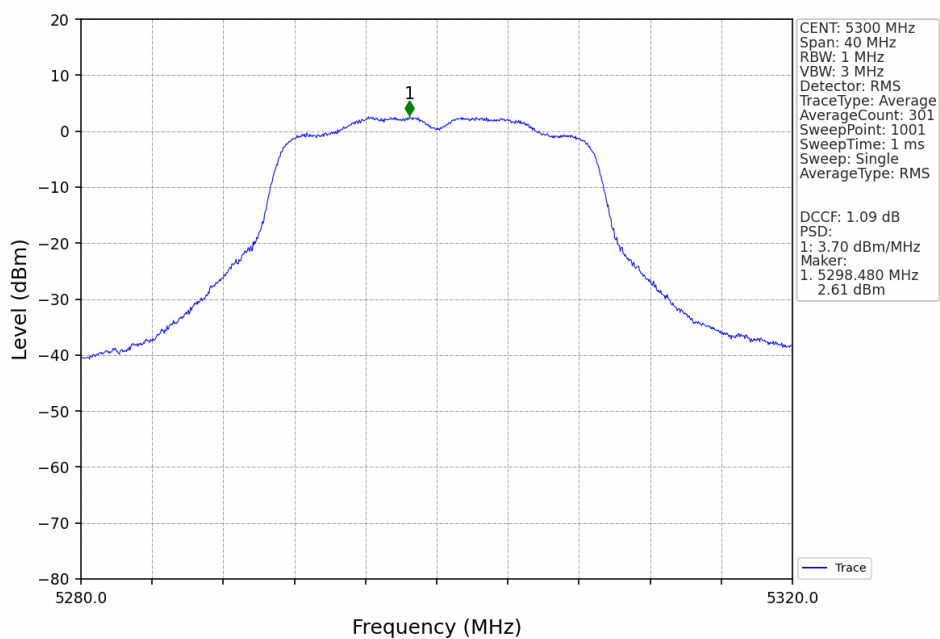
802.11n(HT40) HCH 5310MHz_Ant1_NTNV



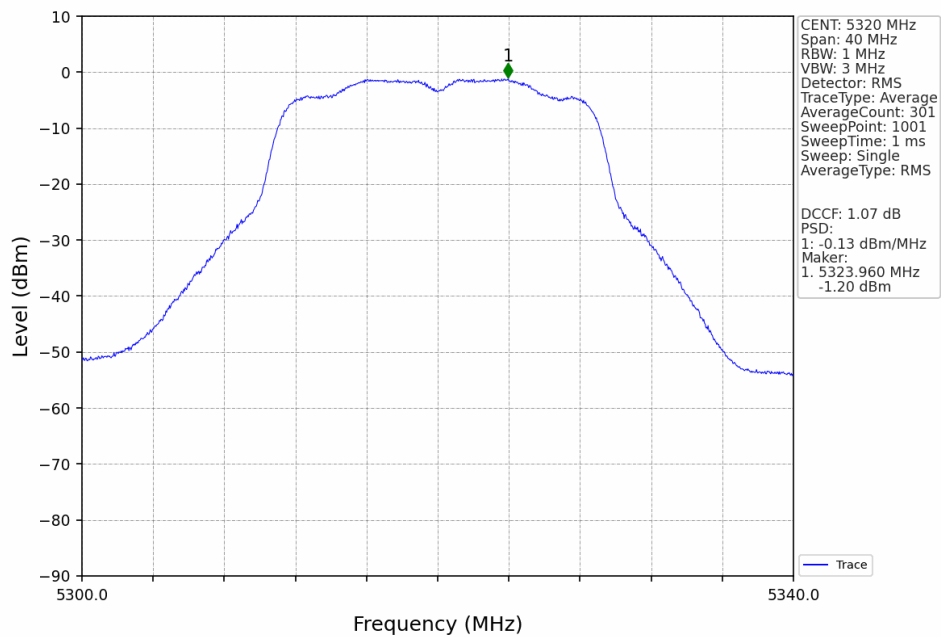
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



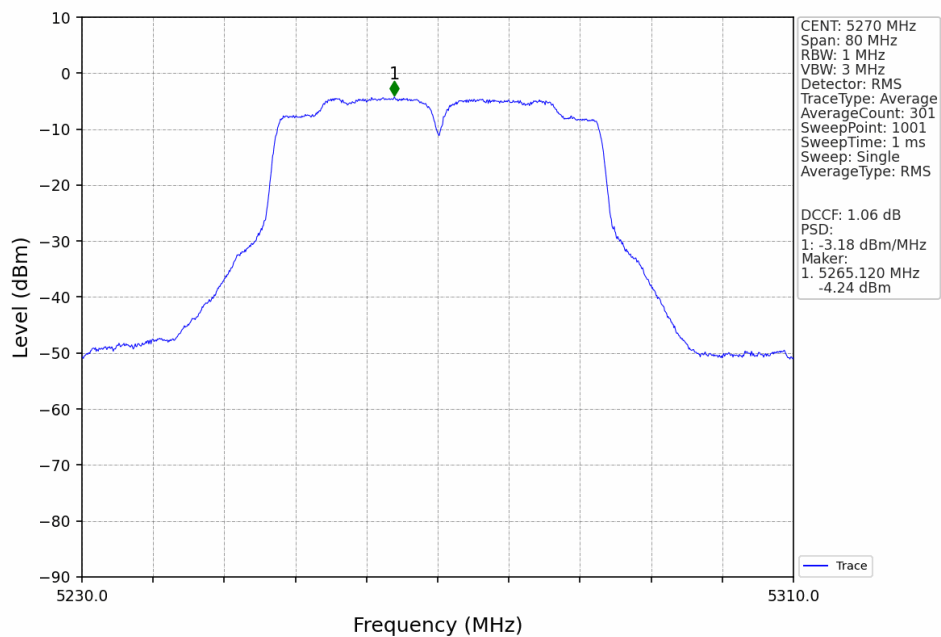
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



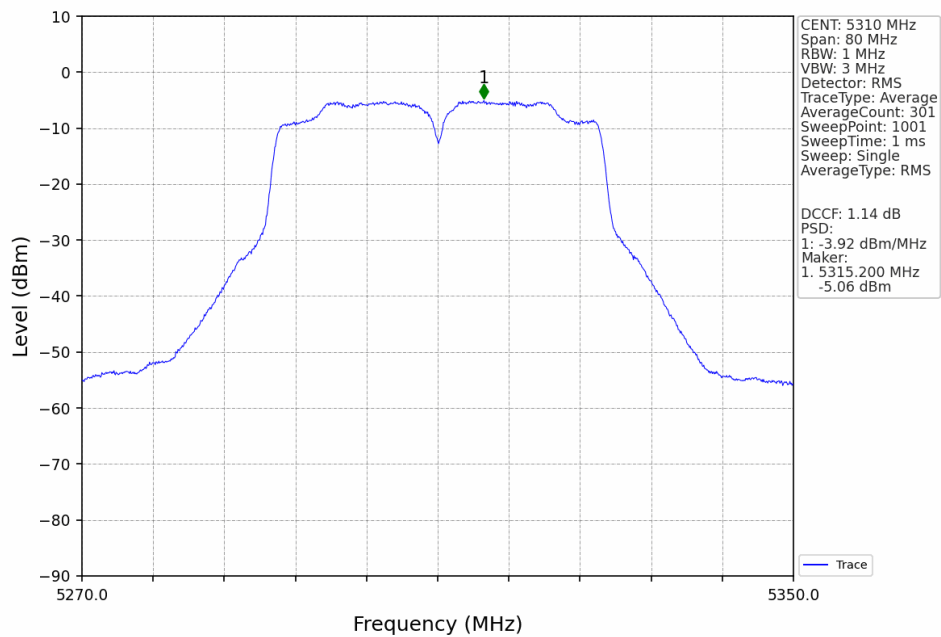
802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



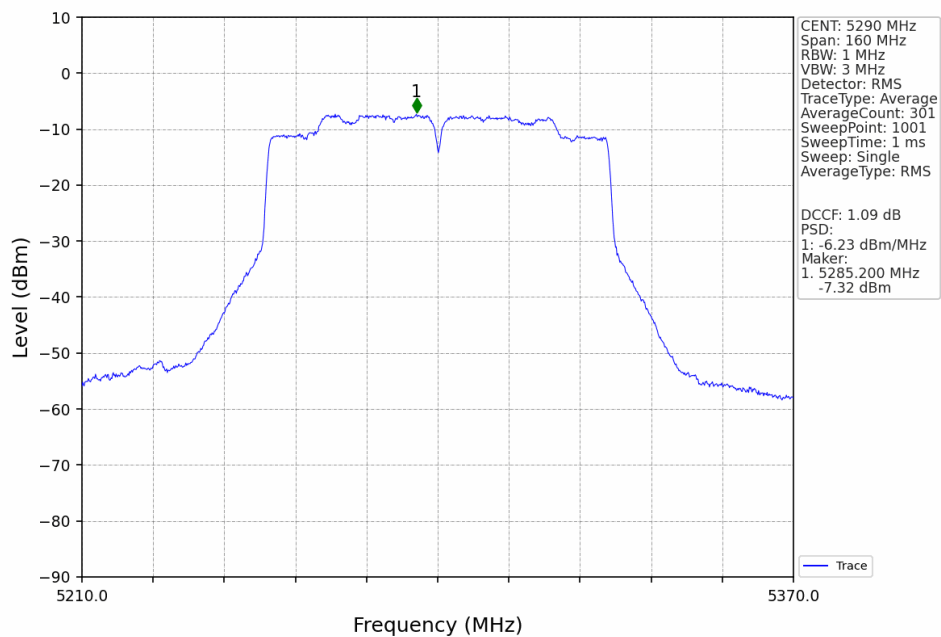
802.11ac(VHT40) LCH 5270MHz Ant1_NTNV



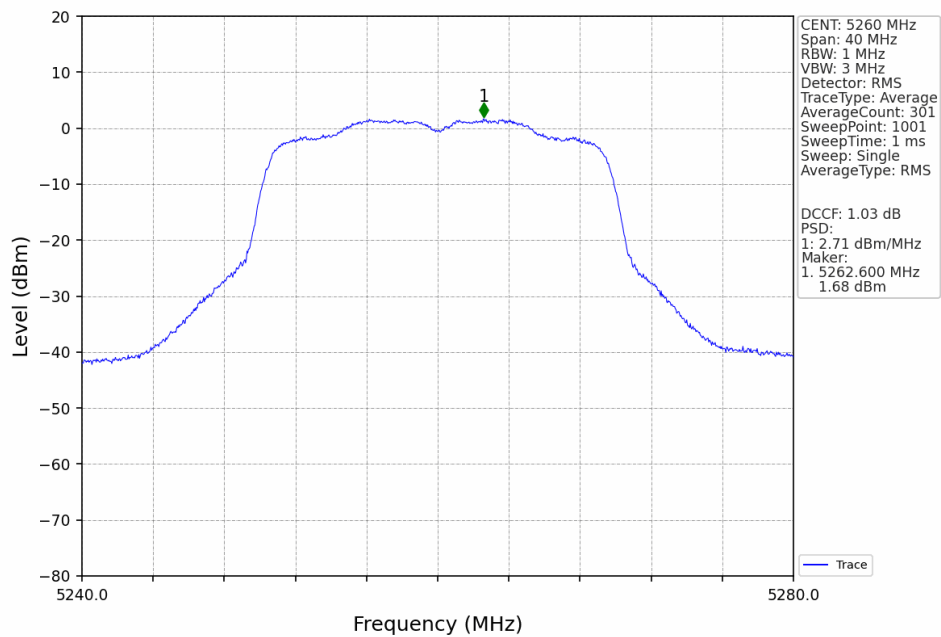
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



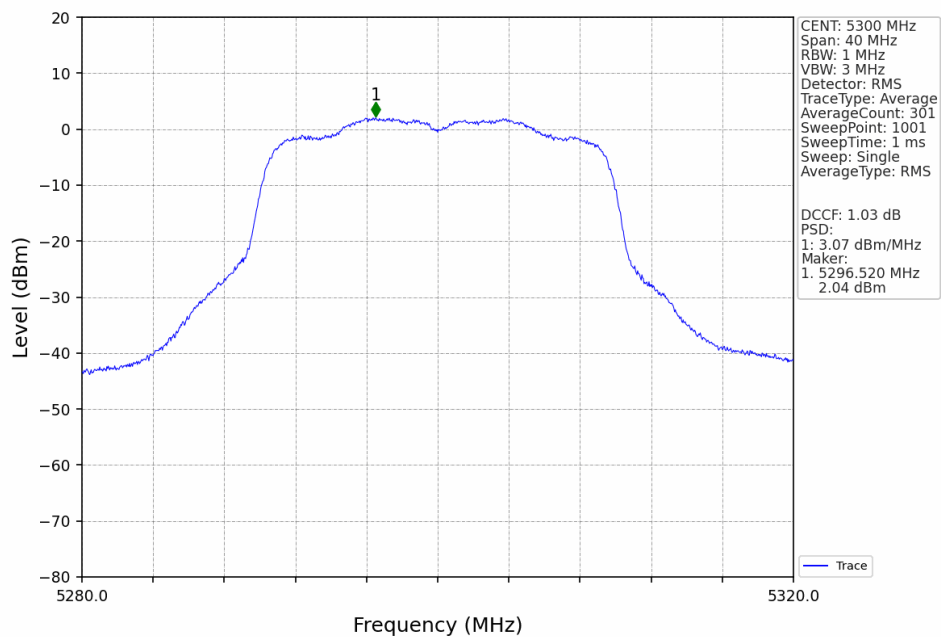
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



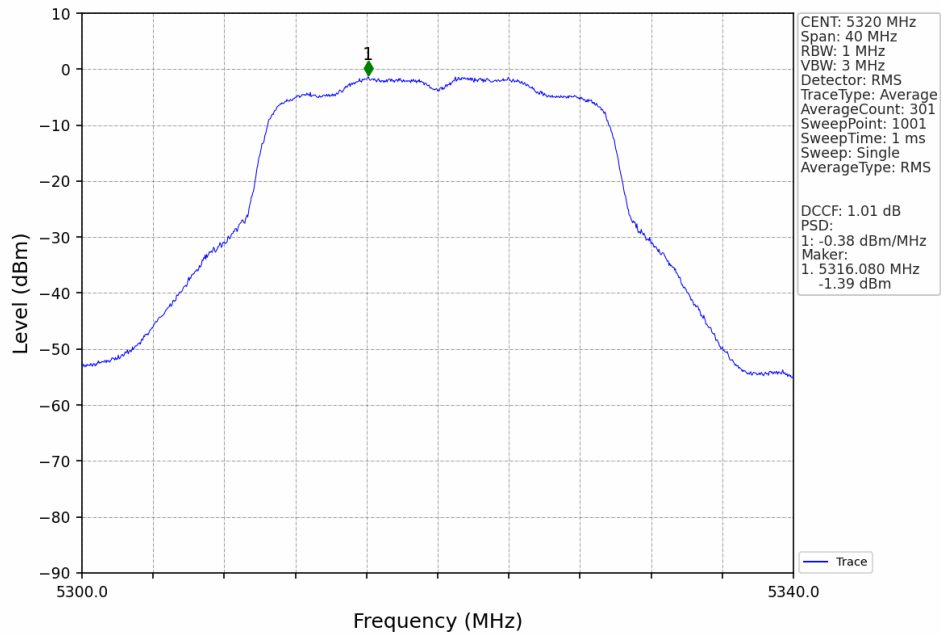
802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



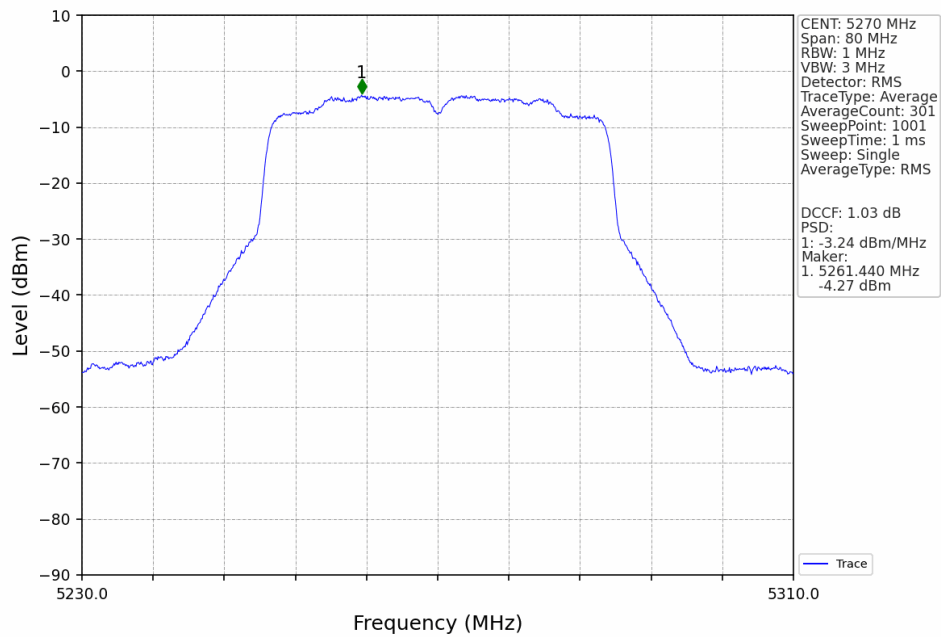
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



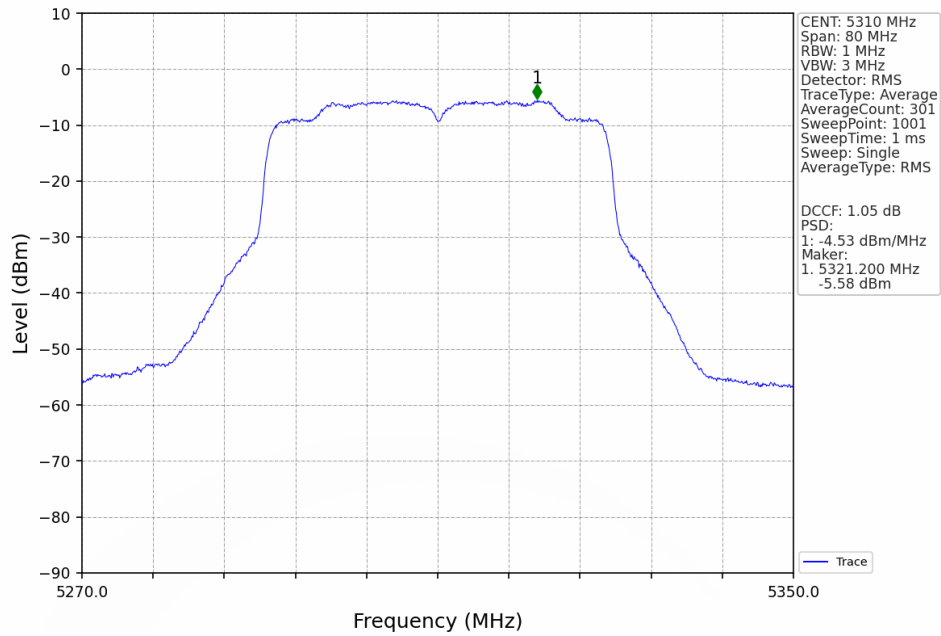
802.11ax(HEW20)_HCH_5320MHz_SU / Ant1_NTNV



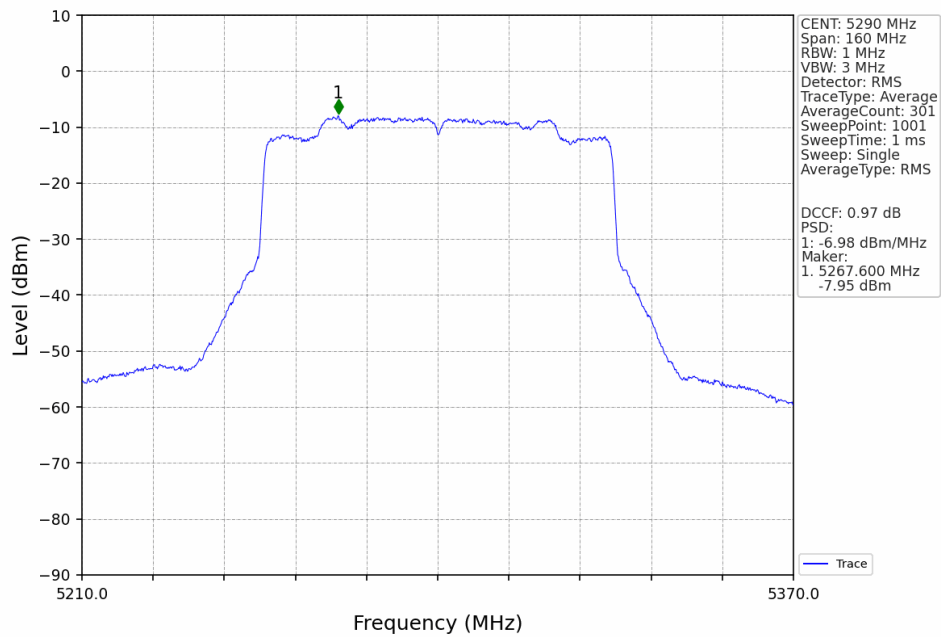
802.11ax(HEW40)_LCH_5270MHz_SU / Ant1_NTNV



802.11ax(HEW40)_HCH_5310MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

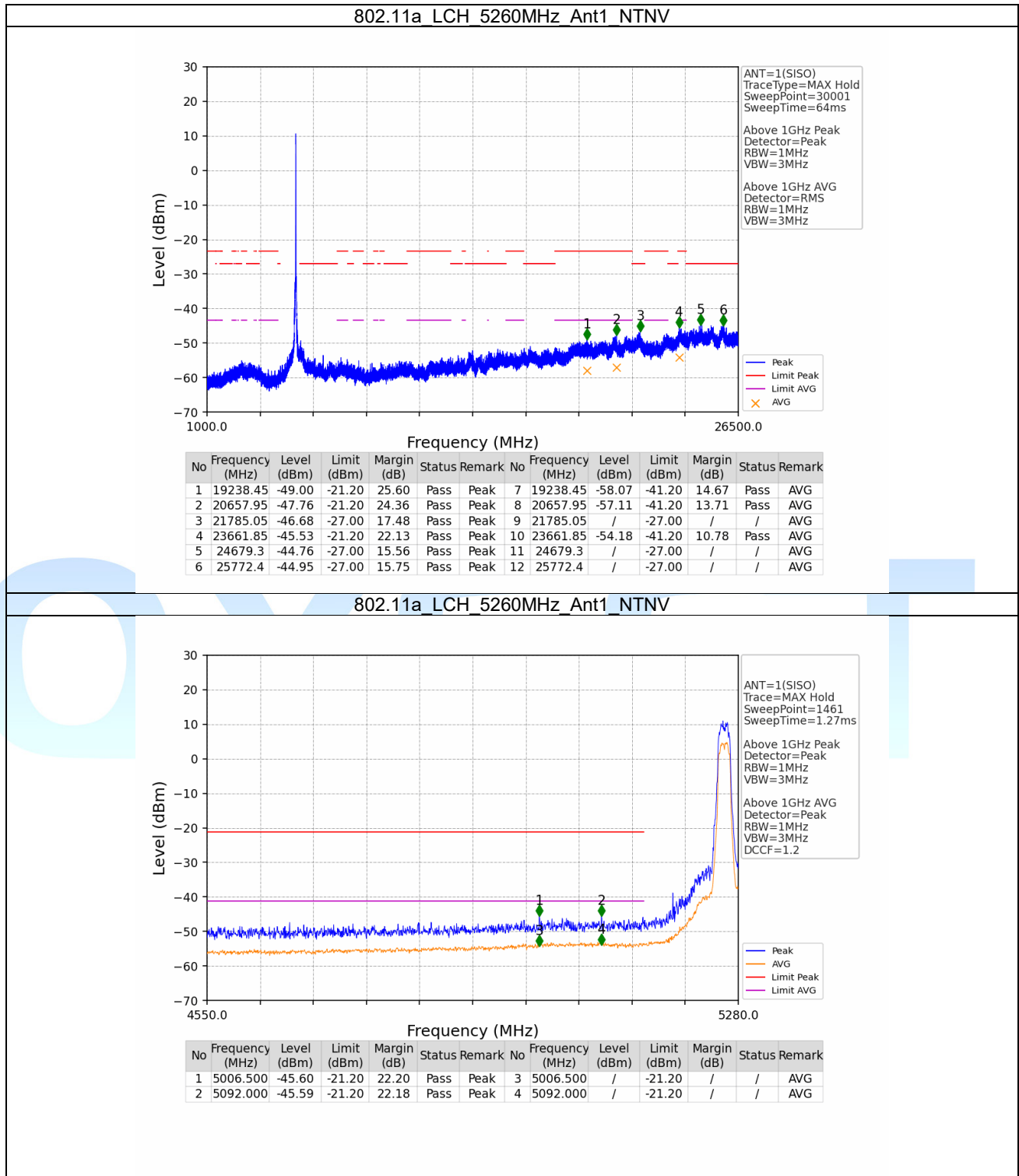
5.1 Test Result

5.1.1 RSE

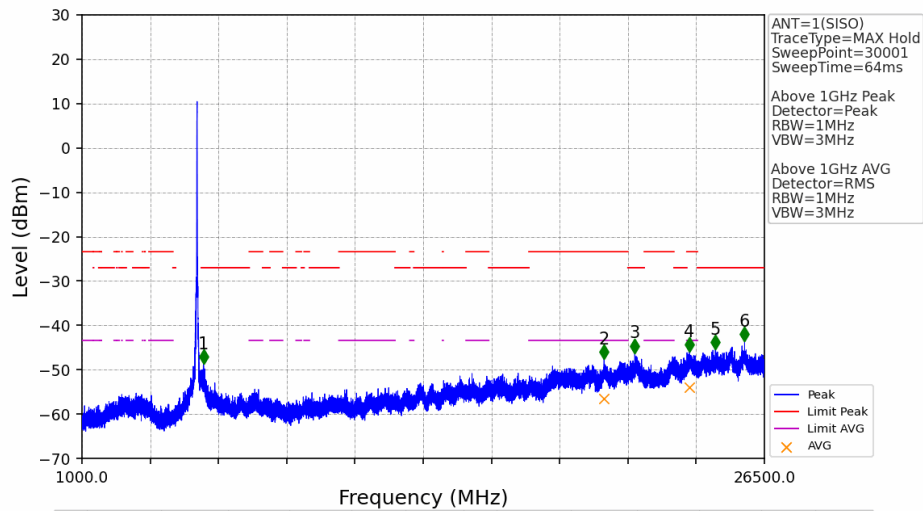
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5260	/	/	1	Refer To Test Graph		Pass
		5300	/	/	1	Refer To Test Graph		Pass
		5320	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5260	/	/	1	Refer To Test Graph		Pass
		5300	/	/	1	Refer To Test Graph		Pass
		5320	/	/	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5270	/	/	1	Refer To Test Graph		Pass
		5310	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	5260	/	/	1	Refer To Test Graph		Pass
		5300	/	/	1	Refer To Test Graph		Pass
		5320	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT40)	SISO	5270	/	/	1	Refer To Test Graph		Pass
		5310	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT80)	SISO	5290	/	/	1	Refer To Test Graph		Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	Refer To Test Graph		Pass
		5300	SU	/	1	Refer To Test Graph		Pass
		5320	SU	/	1	Refer To Test Graph		Pass
802.11ax (HEW40)	SISO	5270	SU	/	1	Refer To Test Graph		Pass
		5310	SU	/	1	Refer To Test Graph		Pass
802.11ax (HEW80)	SISO	5290	SU	/	1	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 RSE

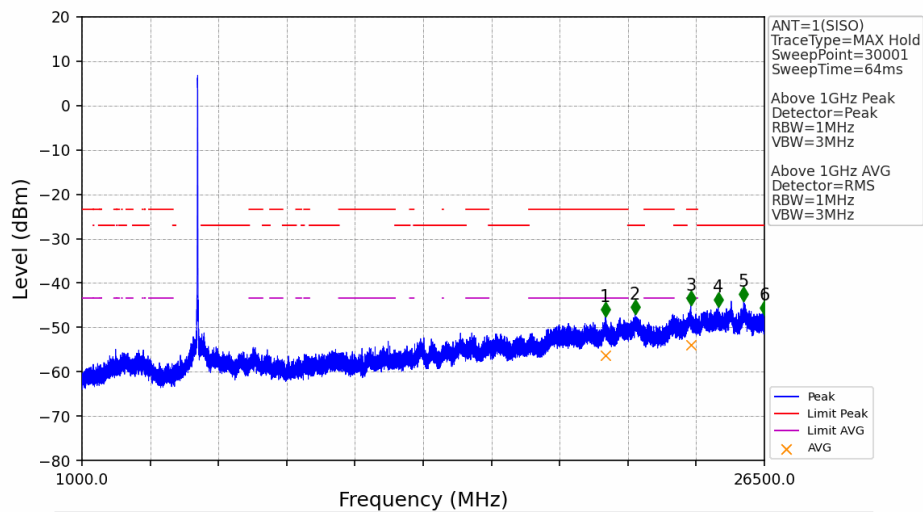


802.11a_MCH_5300MHz_Ant1_NTNV



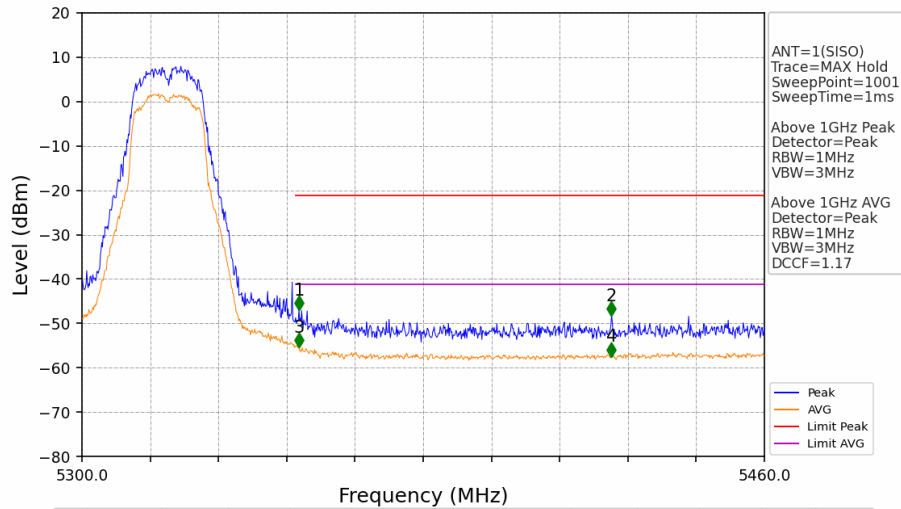
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5537.3	-48.70	-27.00	19.50	Pass	Peak	7	5537.3	/	-27.00	/	/	AVG
2	20509.2	-47.48	-21.20	24.09	Pass	Peak	8	20509.2	-56.54	-41.20	13.14	Pass	AVG
3	21657.55	-46.17	-27.00	16.97	Pass	Peak	9	21657.55	/	-27.00	/	/	AVG
4	23691.6	-45.87	-21.20	22.47	Pass	Peak	10	23691.6	-53.92	-41.20	10.52	Pass	AVG
5	24668.25	-45.29	-27.00	16.09	Pass	Peak	11	24668.25	/	-27.00	/	/	AVG
6	25760.5	-43.56	-27.00	14.36	Pass	Peak	12	25760.5	/	-27.00	/	/	AVG

802.11a_HCH_5320MHz_Ant1_NTNV



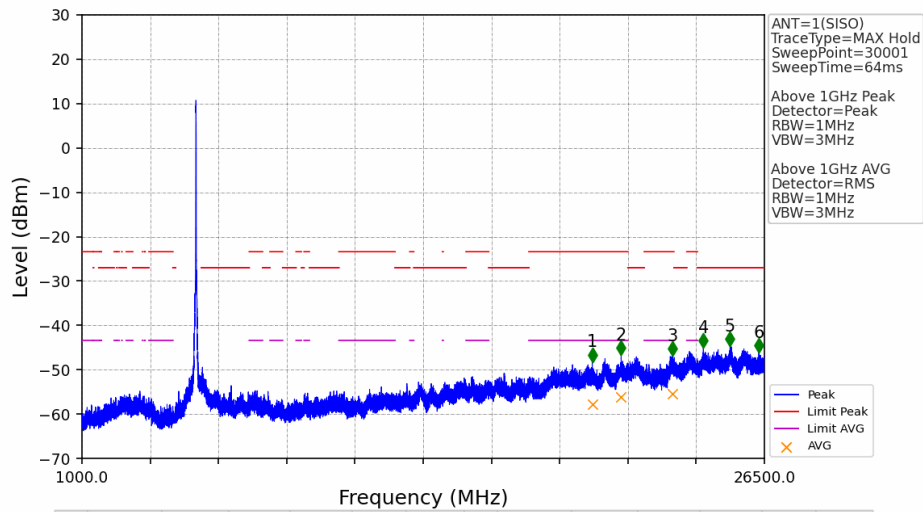
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20555.1	-47.47	-21.20	24.07	Pass	Peak	7	20555.1	-56.34	-41.20	12.94	Pass	AVG
2	21665.2	-47.02	-27.00	17.82	Pass	Peak	8	21665.2	/	-27.00	/	/	AVG
3	23749.4	-44.94	-21.20	21.54	Pass	Peak	9	23749.4	-53.98	-41.20	10.58	Pass	AVG
4	24772.8	-45.38	-27.00	16.18	Pass	Peak	10	24772.8	/	-27.00	/	/	AVG
5	25725.65	-44.04	-27.00	14.84	Pass	Peak	11	25725.65	/	-27.00	/	/	AVG
6	26500	-47.22	-27.00	18.02	Pass	Peak	12	26500	/	-27.00	/	/	AVG

802.11a_HCH_5320MHz_Ant1_NTNV



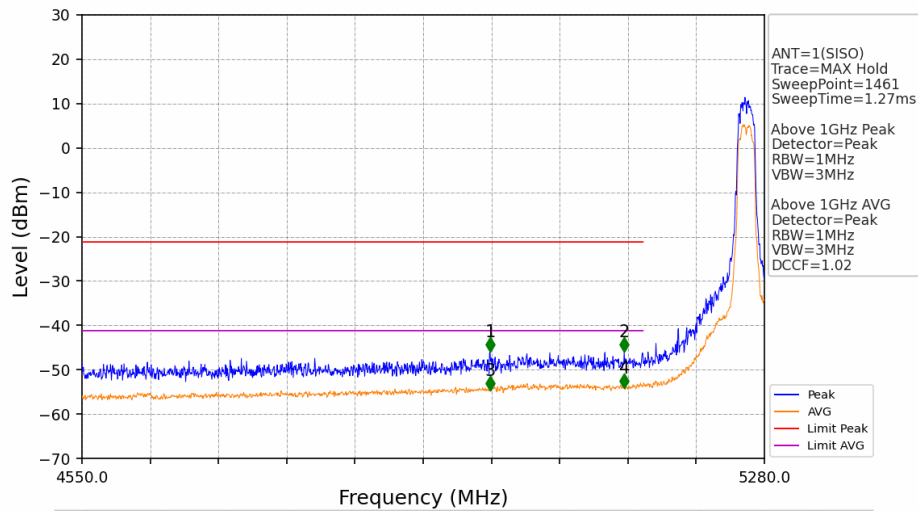
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5350.880	-47.04	-21.20	23.64	Pass	Peak	3	5350.880	/	-21.20	/	/	AVG
2	5424.160	-48.18	-21.20	24.78	Pass	Peak	4	5424.160	/	-21.20	/	/	AVG

802.11n(HT20)_LCH_5260MHz_Ant1_NTNV

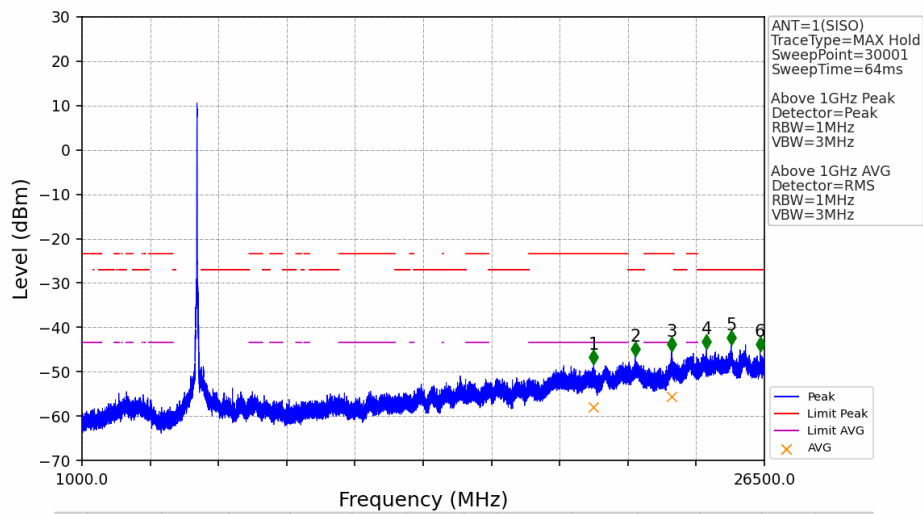


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20067.2	-48.18	-21.20	24.78	Pass	Peak	7	20067.2	-57.72	-41.20	14.32	Pass	AVG
2	21147.55	-46.71	-21.20	23.31	Pass	Peak	8	21147.55	-56.22	-41.20	12.82	Pass	AVG
3	23068.55	-46.88	-21.20	23.48	Pass	Peak	9	23068.55	-55.36	-41.20	11.96	Pass	AVG
4	24218.6	-44.98	-27.00	15.78	Pass	Peak	10	24218.6	/	-27.00	/	/	AVG
5	25216.5	-44.57	-27.00	15.37	Pass	Peak	11	25216.5	/	-27.00	/	/	AVG
6	26291.75	-46.12	-27.00	16.92	Pass	Peak	12	26291.75	/	-27.00	/	/	AVG

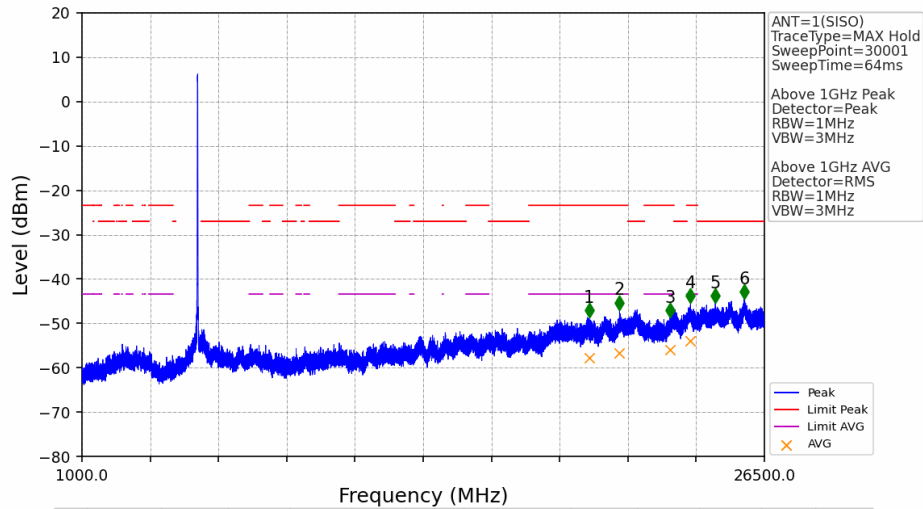
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

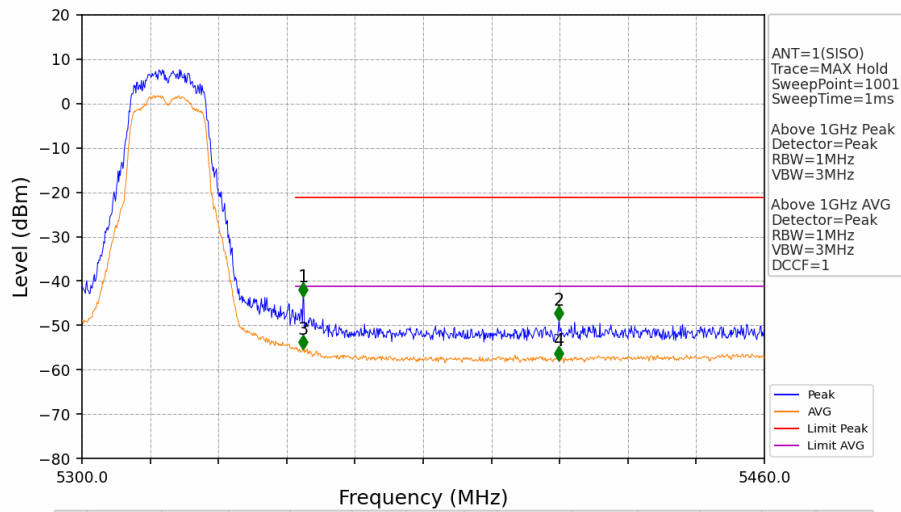


802.11n(HT20) HCH 5320MHz_Ant1_NTNV



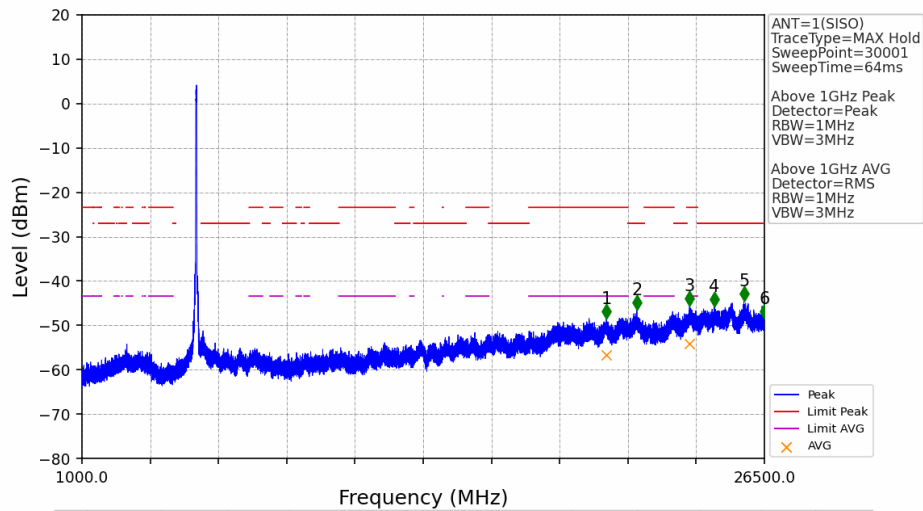
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19946.5	-48.59	-21.20	25.19	Pass	Peak	7	19946.5	-57.78	-41.20	14.38	Pass	AVG
2	21088.9	-46.88	-21.20	23.48	Pass	Peak	8	21088.9	-56.73	-41.20	13.32	Pass	AVG
3	22973.35	-48.54	-21.20	25.14	Pass	Peak	9	22973.35	-56.03	-41.20	12.63	Pass	AVG
4	23741.75	-45.33	-21.20	21.93	Pass	Peak	10	23741.75	-53.95	-41.20	10.55	Pass	AVG
5	24667.4	-45.35	-27.00	16.15	Pass	Peak	11	24667.4	/	-27.00	/	/	AVG
6	25746.05	-44.51	-27.00	15.31	Pass	Peak	12	25746.05	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5320MHz_Ant1_NTNV



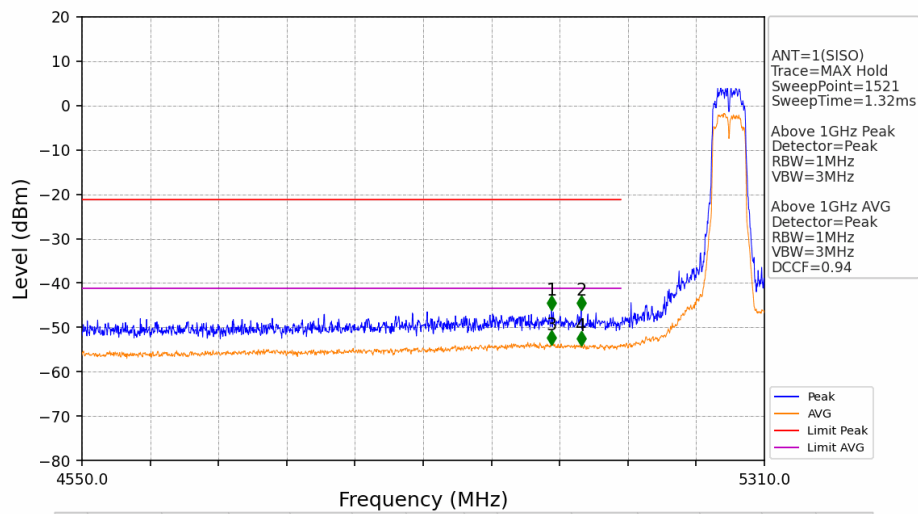
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5351.840	-43.55	-21.20	20.15	Pass	Peak	3	5351.840	/	-21.20	/	/	AVG
2	5411.840	-48.86	-21.20	25.46	Pass	Peak	4	5411.840	/	-21.20	/	/	AVG

802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



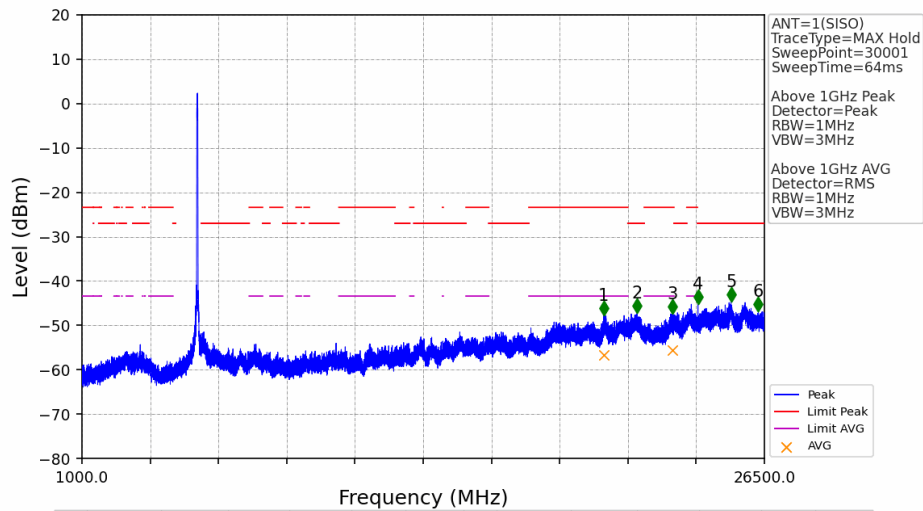
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20595.9	-48.42	-21.20	25.02	Pass	Peak	7	20595.9	-56.64	-41.20	13.24	Pass	AVG
2	21734.05	-46.43	-27.00	17.23	Pass	Peak	8	21734.05	/	-27.00	/	/	AVG
3	23703.5	-45.48	-21.20	22.08	Pass	Peak	9	23703.5	-54.15	-41.20	10.74	Pass	AVG
4	24630	-45.67	-27.00	16.47	Pass	Peak	10	24630	/	-27.00	/	/	AVG
5	25733.3	-44.48	-27.00	15.28	Pass	Peak	11	25733.3	/	-27.00	/	/	AVG
6	26499.15	-48.40	-27.00	19.20	Pass	Peak	12	26499.15	/	-27.00	/	/	AVG

802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



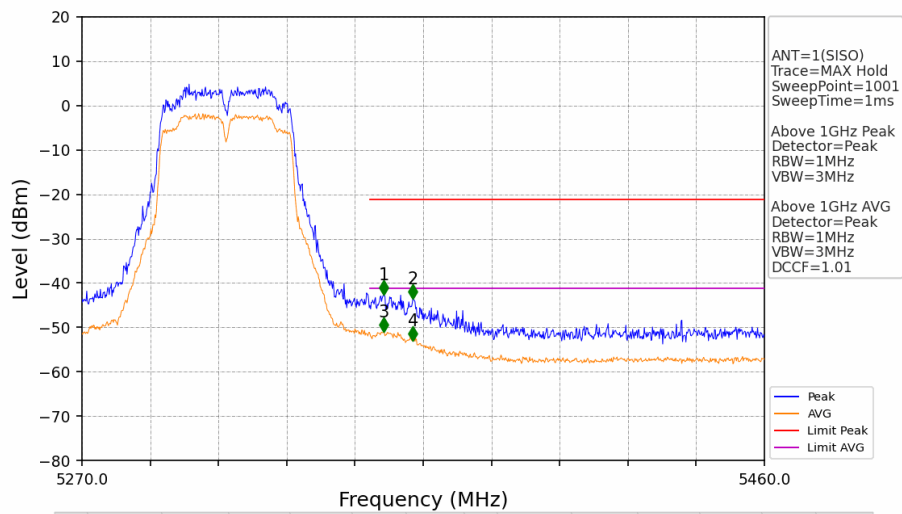
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5073.000	-46.10	-21.20	22.70	Pass	Peak	3	5073.000	/	-21.20	/	/	AVG
2	5106.000	-46.10	-21.20	22.70	Pass	Peak	4	5106.000	/	-21.20	/	/	AVG

802.11n(HT40) HCH 5310MHz_Ant1_NTNV



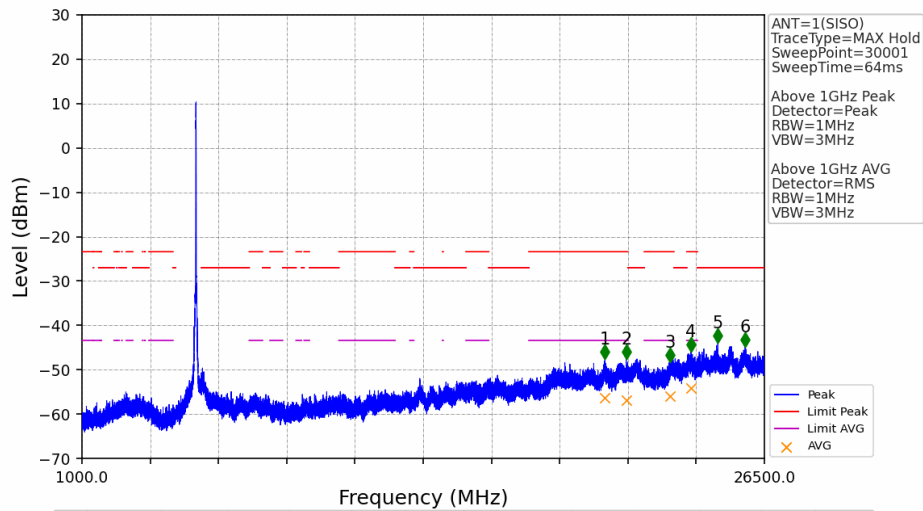
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20495.6	-47.68	-21.20	24.28	Pass	Peak	7	20495.6	-56.70	-41.20	13.29	Pass	AVG
2	21745.1	-47.20	-27.00	18.00	Pass	Peak	8	21745.1	/	-27.00	/	/	AVG
3	23072.8	-47.42	-21.20	24.02	Pass	Peak	9	23072.8	-55.60	-41.20	12.20	Pass	AVG
4	24016.3	-45.16	-27.00	15.96	Pass	Peak	10	24016.3	/	-27.00	/	/	AVG
5	25249.65	-44.66	-27.00	15.46	Pass	Peak	11	25249.65	/	-27.00	/	/	AVG
6	26273.9	-46.74	-27.00	17.54	Pass	Peak	12	26273.9	/	-27.00	/	/	AVG

802.11n(HT40) HCH 5310MHz_Ant1_NTNV

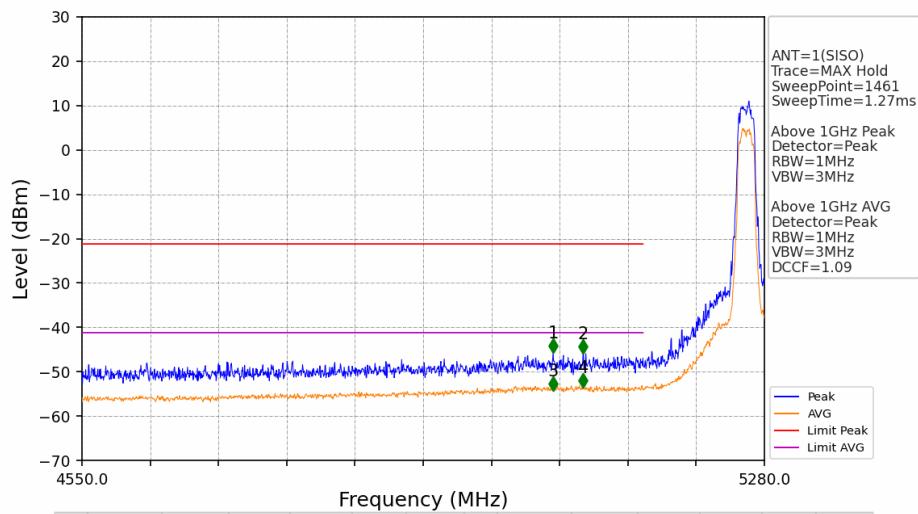


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5353.980	-42.69	-21.20	19.29	Pass	Peak	3	5353.980	/	-21.20	/	/	AVG
2	5362.150	-43.52	-21.20	20.12	Pass	Peak	4	5362.150	/	-21.20	/	/	AVG

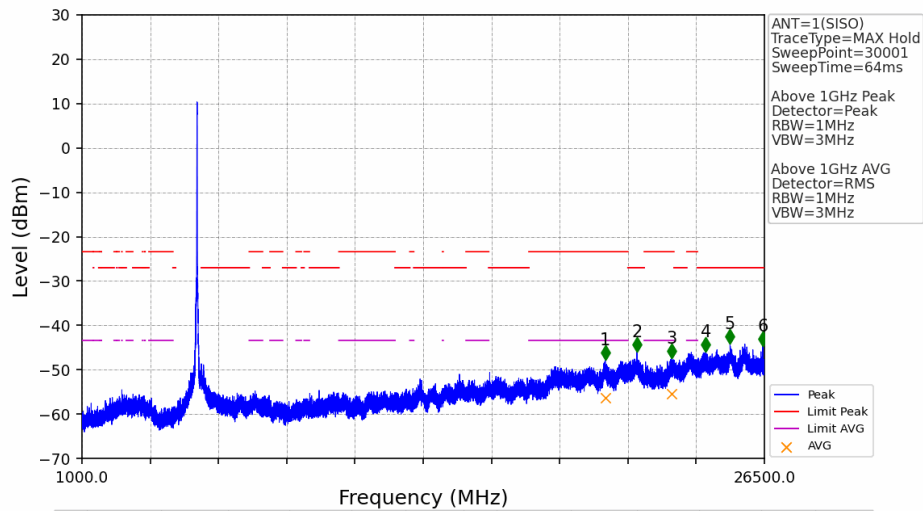
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV

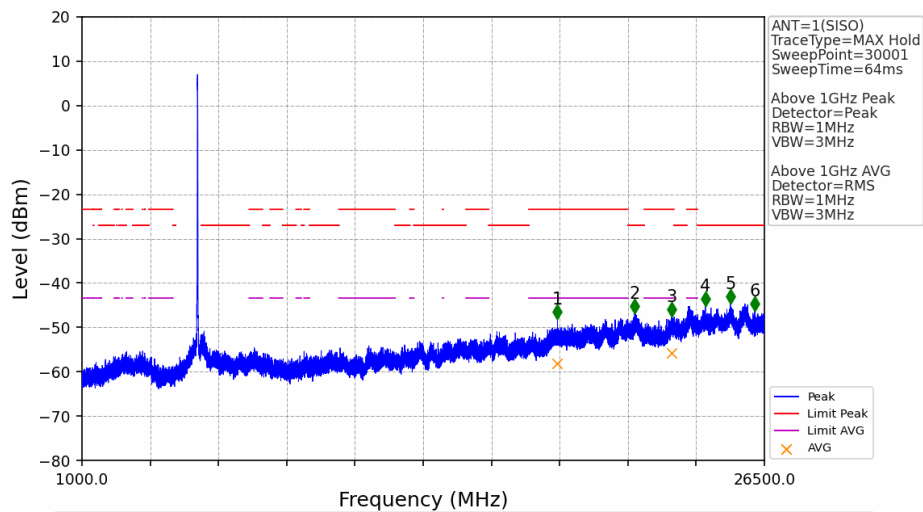


802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



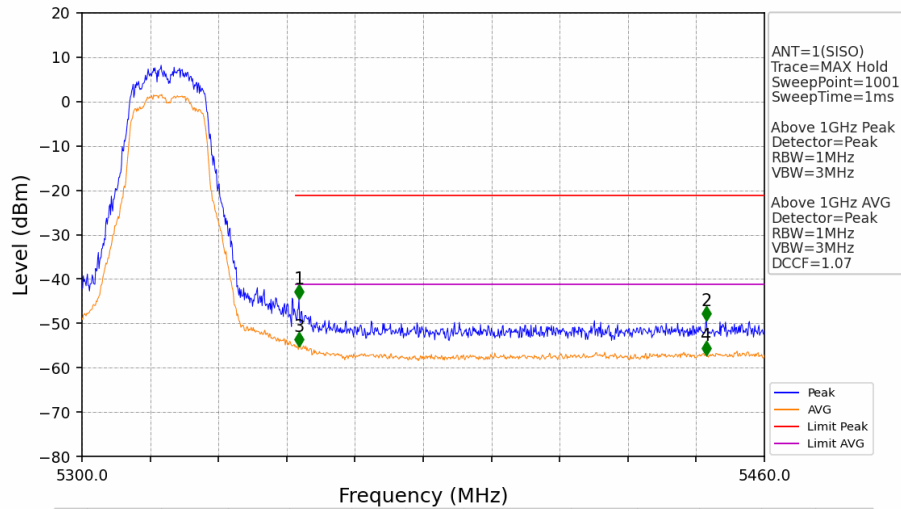
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20554.25	-47.75	-21.20	24.35	Pass	Peak	7	20554.25	-56.40	-41.20	13.00	Pass	AVG
2	21737.45	-45.89	-27.00	16.69	Pass	Peak	8	21737.45	/	-27.00	/	/	AVG
3	23024.35	-47.33	-21.20	23.93	Pass	Peak	9	23024.35	-55.48	-41.20	12.08	Pass	AVG
4	24306.15	-45.96	-27.00	16.76	Pass	Peak	10	24306.15	/	-27.00	/	/	AVG
5	25217.35	-44.04	-27.00	14.84	Pass	Peak	11	25217.35	/	-27.00	/	/	AVG
6	26439.65	-44.54	-27.00	15.34	Pass	Peak	12	26439.65	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV

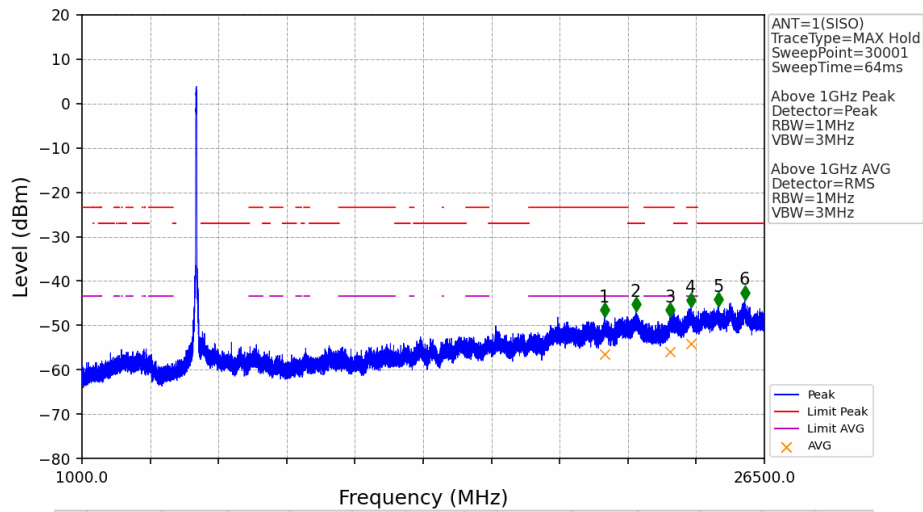


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18768.4	-48.08	-21.20	24.68	Pass	Peak	7	18768.4	-58.17	-41.20	14.77	Pass	AVG
2	21653.3	-46.73	-27.00	17.53	Pass	Peak	8	21653.3	/	-27.00	/	/	AVG
3	23043.9	-47.46	-21.20	24.06	Pass	Peak	9	23043.9	-55.70	-41.20	12.29	Pass	AVG
4	24295.1	-45.10	-27.00	15.90	Pass	Peak	10	24295.1	/	-27.00	/	/	AVG
5	25228.4	-44.53	-27.00	15.33	Pass	Peak	11	25228.4	/	-27.00	/	/	AVG
6	26139.6	-46.23	-27.00	17.03	Pass	Peak	12	26139.6	/	-27.00	/	/	AVG

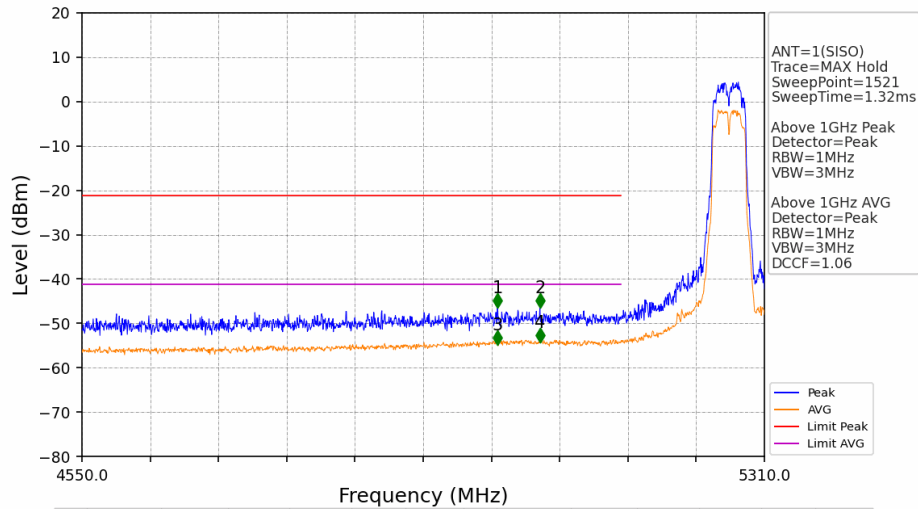
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV

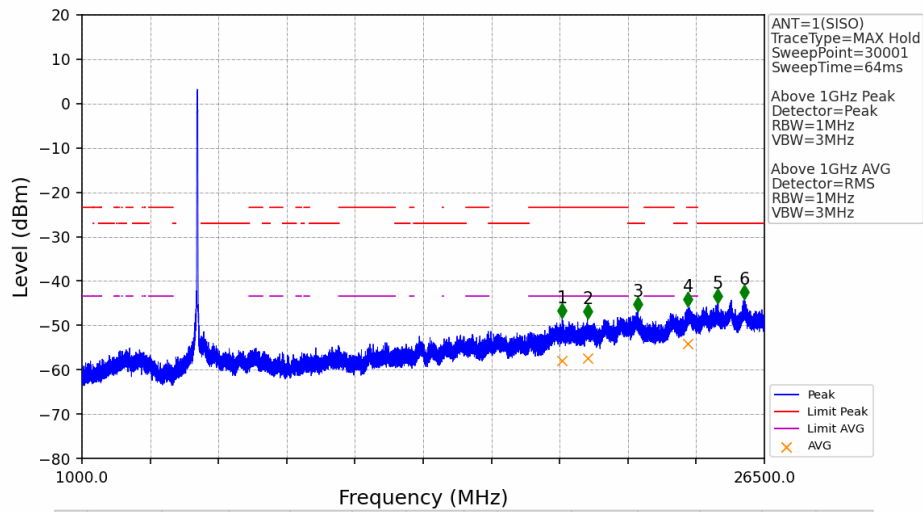


802.11ac(VHT40) LCH_5270MHz_Ant1_NTNV



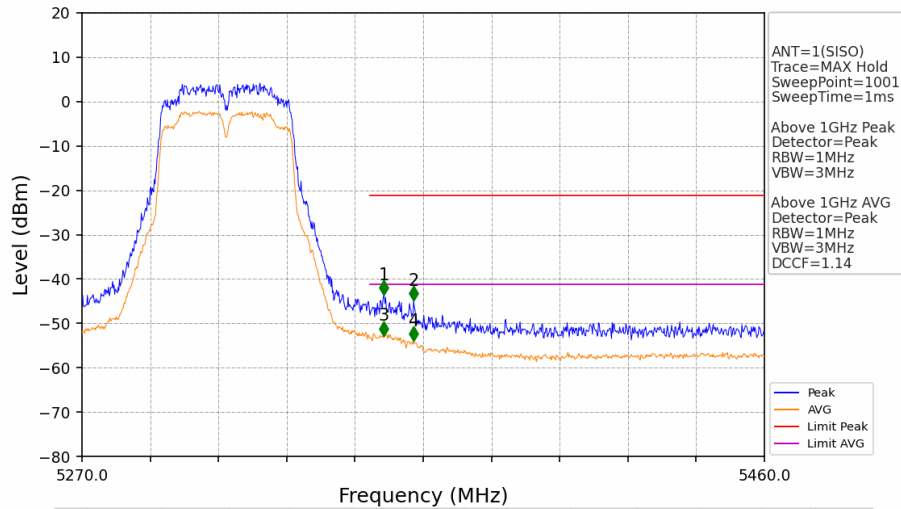
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5012.500	-46.38	-21.20	22.98	Pass	Peak	3	5012.500	/	-21.20	/	/	AVG
2	5060.000	-46.40	-21.20	23.00	Pass	Peak	4	5060.000	/	-21.20	/	/	AVG

802.11ac(VHT40) HCH_5310MHz_Ant1_NTNV



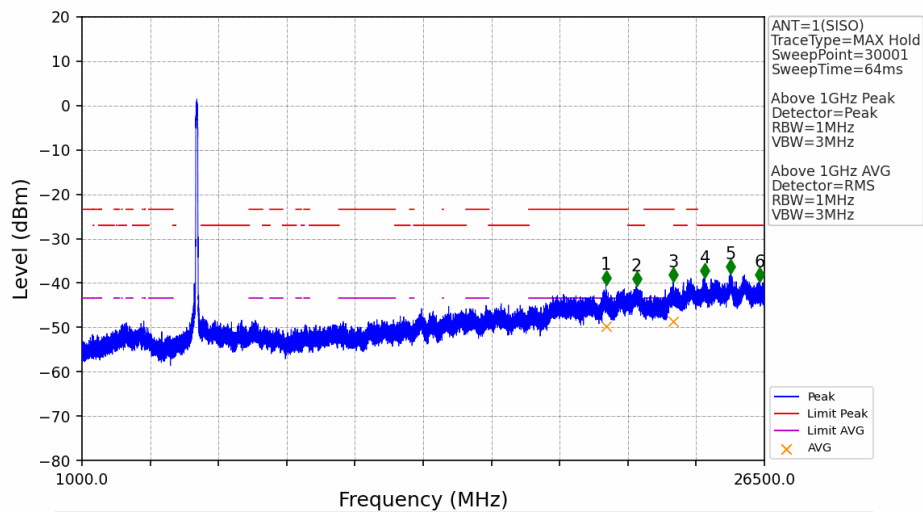
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18944.35	-48.17	-21.20	24.77	Pass	Peak	7	18944.35	-58.04	-41.20	14.64	Pass	AVG
2	19887.85	-48.42	-21.20	25.02	Pass	Peak	8	19887.85	-57.47	-41.20	14.07	Pass	AVG
3	21769.75	-46.83	-27.00	17.63	Pass	Peak	9	21769.75	/	-27.00	/	/	AVG
4	23650.8	-45.63	-21.20	22.23	Pass	Peak	10	23650.8	-54.06	-41.20	10.66	Pass	AVG
5	24738.8	-44.99	-27.00	15.79	Pass	Peak	11	24738.8	/	-27.00	/	/	AVG
6	25760.5	-44.12	-27.00	14.92	Pass	Peak	12	25760.5	/	-27.00	/	/	AVG

802.11ac(VHT40) HCH_5310MHz_Ant1_NTNV



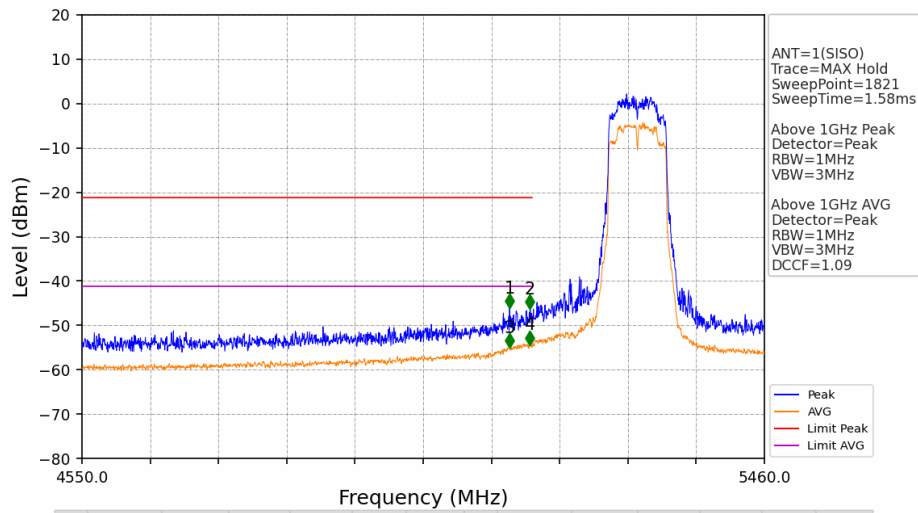
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5353.980	-43.49	-21.20	20.09	Pass	Peak	3	5353.980	/	-21.20	/	/	AVG
2	5362.340	-44.81	-21.20	21.41	Pass	Peak	4	5362.340	/	-21.20	/	/	AVG

802.11ac(VHT80) MCH_5290MHz_Ant1_NTNV



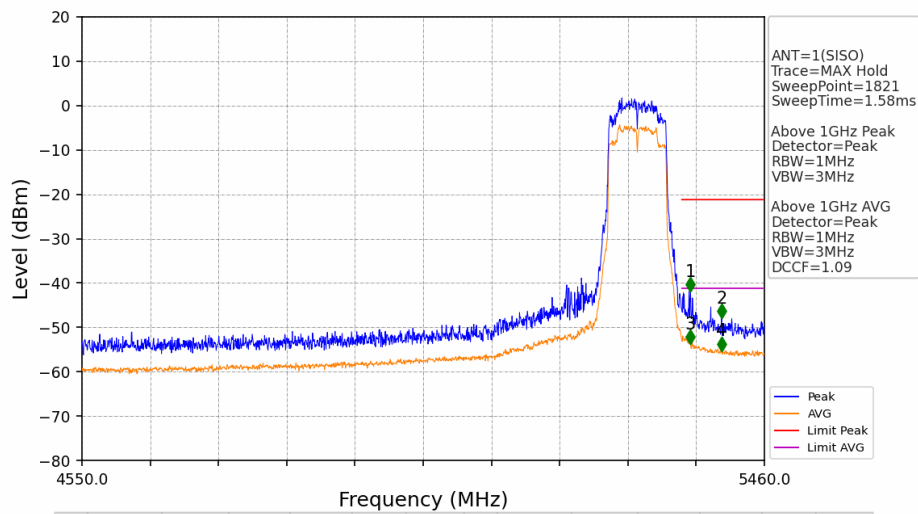
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20577.2	-40.33	-21.20	16.93	Pass	Peak	7	20577.2	-49.73	-41.20	6.33	Pass	AVG
2	21725.55	-40.62	-27.00	11.42	Pass	Peak	8	21725.55	/	-27.00	/	/	AVG
3	23090.65	-39.77	-21.20	16.37	Pass	Peak	9	23090.65	-48.68	-41.20	5.28	Pass	AVG
4	24279.8	-38.77	-27.00	9.57	Pass	Peak	10	24279.8	/	-27.00	/	/	AVG
5	25231.8	-37.92	-27.00	8.72	Pass	Peak	11	25231.8	/	-27.00	/	/	AVG
6	26333.4	-39.77	-27.00	10.57	Pass	Peak	12	26333.4	/	-27.00	/	/	AVG

802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



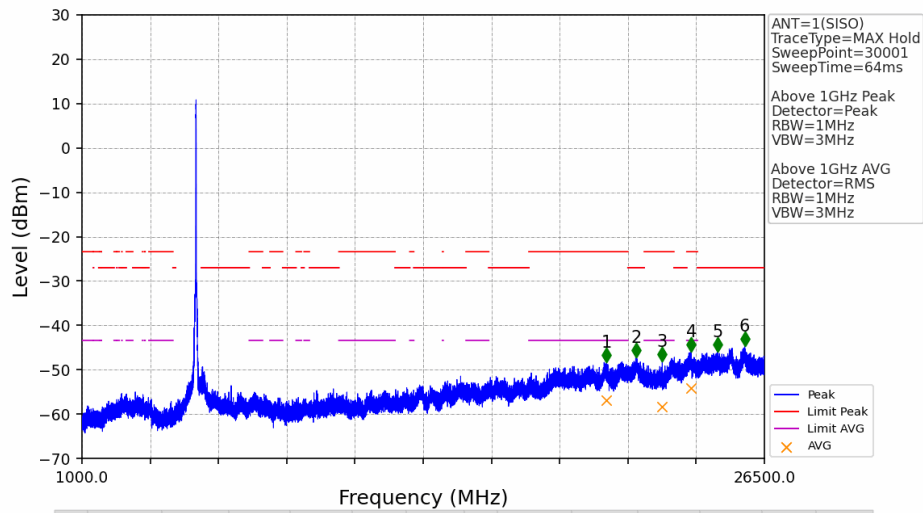
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5120.000	-46.01	-21.20	22.61	Pass	Peak	3	5120.000	/	-21.20	/	/	AVG
2	5147.500	-46.27	-21.20	22.87	Pass	Peak	4	5147.500	/	-21.20	/	/	AVG

802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



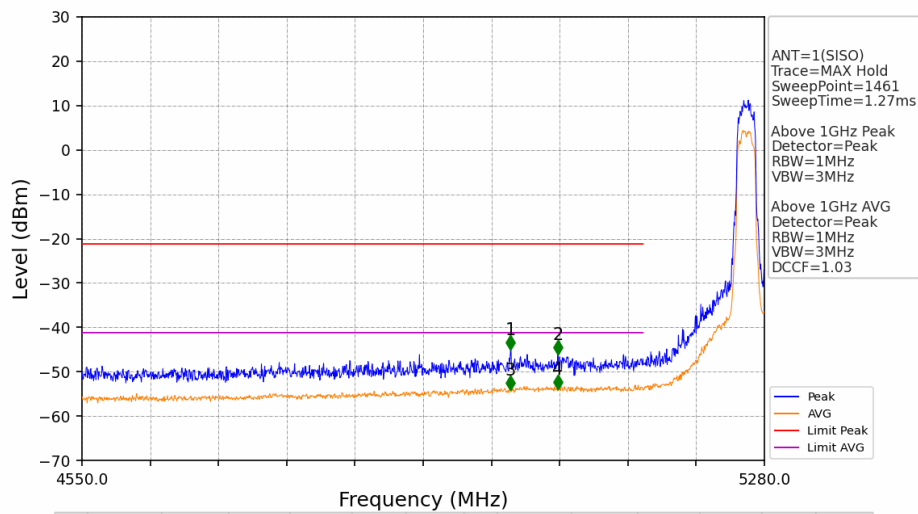
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5361.500	-41.89	-21.20	18.49	Pass	AVG	3	5361.500	/	-21.20	/	/	AVG
2	5403.000	-47.89	-21.20	24.49	Pass	AVG	4	5403.000	/	-21.20	/	/	AVG

802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



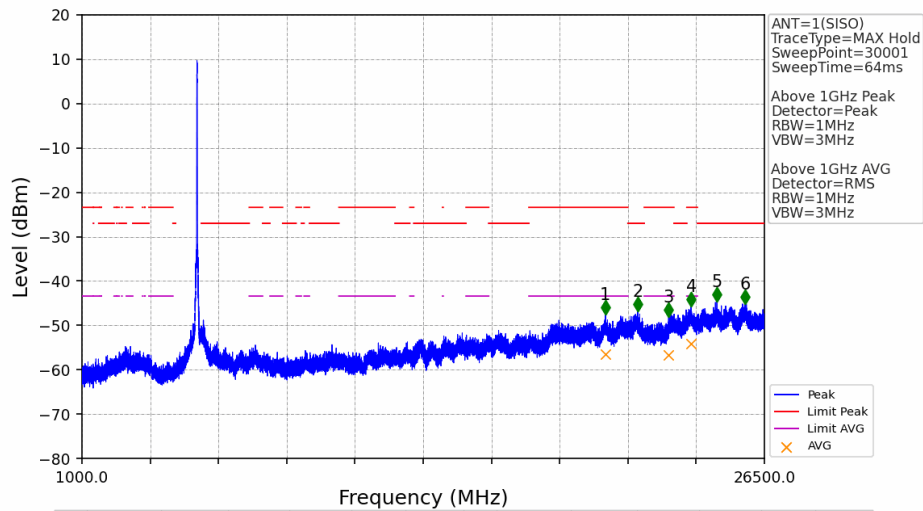
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20603.55	-48.27	-21.20	24.87	Pass	Peak	7	20603.55	-56.84	-41.20	13.44	Pass	AVG
2	21699.2	-47.23	-27.00	18.03	Pass	Peak	8	21699.2	/	-27.00	/	/	AVG
3	22682.65	-48.09	-21.20	24.69	Pass	Peak	9	22682.65	-58.29	-41.20	14.89	Pass	AVG
4	23762.15	-45.90	-21.20	22.50	Pass	Peak	10	23762.15	-54.22	-41.20	10.82	Pass	AVG
5	24749.85	-45.95	-27.00	16.75	Pass	Peak	11	24749.85	/	-27.00	/	/	AVG
6	25764.75	-44.63	-27.00	15.43	Pass	Peak	12	25764.75	/	-27.00	/	/	AVG

802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



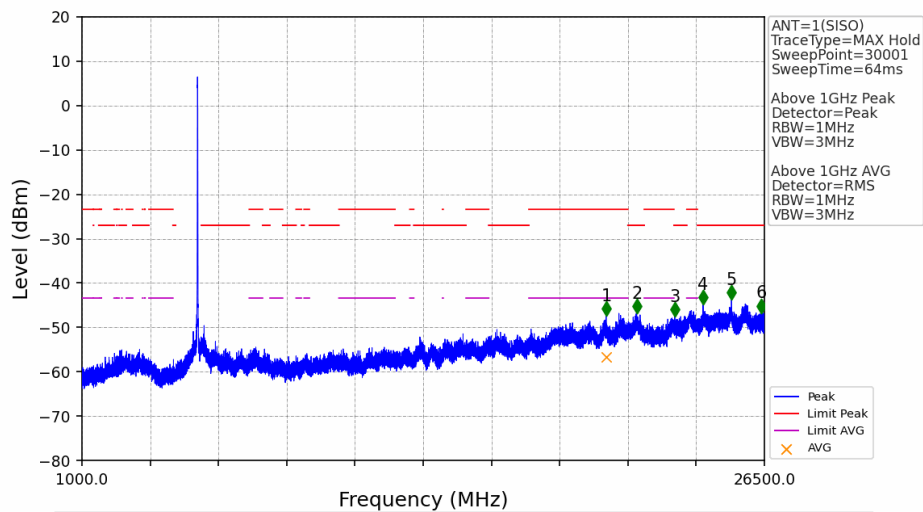
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5008.500	-44.95	-21.20	21.55	Pass	Peak	3	5008.500	/	-21.20	/	/	AVG
2	5059.000	-46.07	-21.20	22.67	Pass	Peak	4	5059.000	/	-21.20	/	/	AVG

802.11ax(HEW20)_MCH_5300MHz_SU / Ant1_NTNV



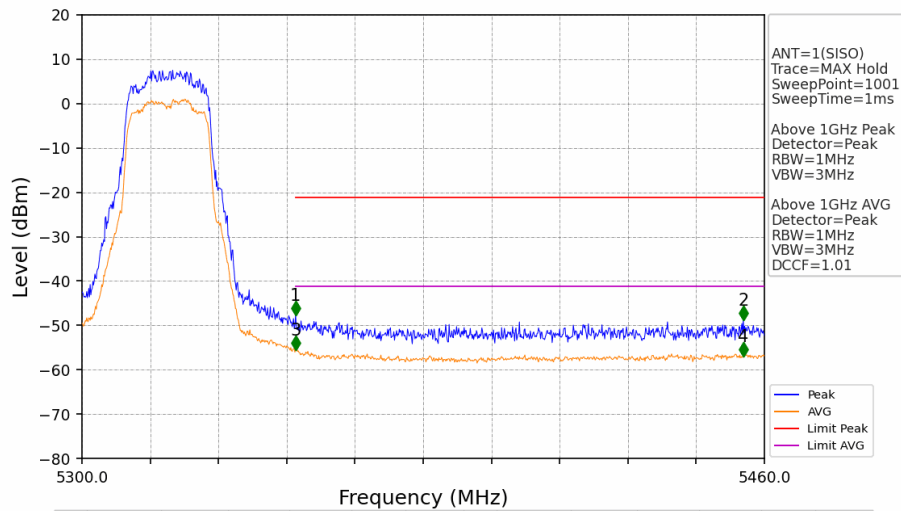
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20548.3	-47.48	-21.20	24.08	Pass	Peak	7	20548.3	-56.48	-41.20	13.09	Pass	AVG
2	21768.9	-46.76	-27.00	17.56	Pass	Peak	8	21768.9	/	-27.00	/	/	AVG
3	22919.8	-48.09	-21.20	24.69	Pass	Peak	9	22919.8	-56.61	-41.20	13.21	Pass	AVG
4	23765.55	-45.74	-21.20	22.34	Pass	Peak	10	23765.55	-54.18	-41.20	10.78	Pass	AVG
5	24724.35	-44.52	-27.00	15.32	Pass	Peak	11	24724.35	/	-27.00	/	/	AVG
6	25768.15	-45.08	-27.00	15.88	Pass	Peak	12	25768.15	/	-27.00	/	/	AVG

802.11ax(HEW20)_HCH_5320MHz_SU / Ant1_NTNV

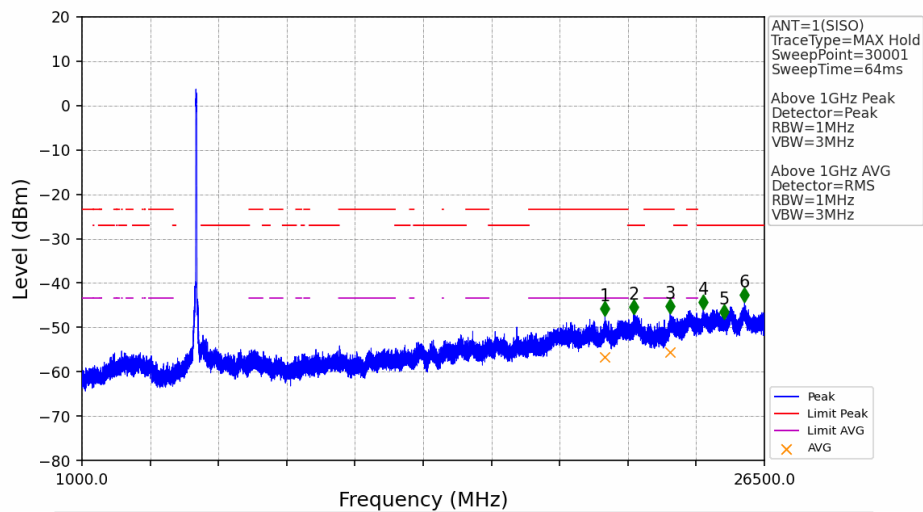


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20586.55	-47.30	-21.20	23.91	Pass	Peak	7	20586.55	-56.69	-41.20	13.29	Pass	AVG
2	21726.4	-46.77	-27.00	17.57	Pass	Peak	8	21726.4	/	-27.00	/	/	AVG
3	23151	-47.45	-27.00	18.25	Pass	Peak	9	23151	/	-27.00	/	/	AVG
4	24209.25	-44.79	-27.00	15.59	Pass	Peak	10	24209.25	/	-27.00	/	/	AVG
5	25268.35	-43.76	-27.00	14.56	Pass	Peak	11	25268.35	/	-27.00	/	/	AVG
6	26386.95	-46.70	-27.00	17.50	Pass	Peak	12	26386.95	/	-27.00	/	/	AVG

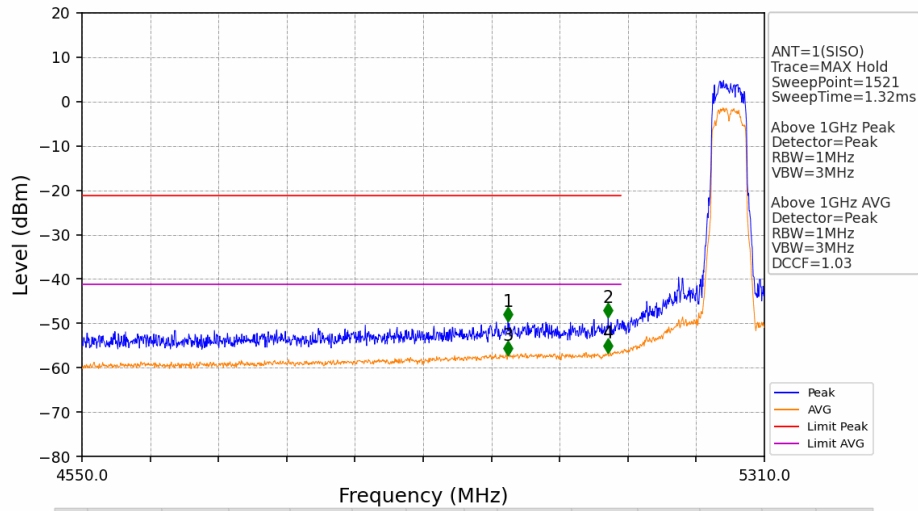
802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



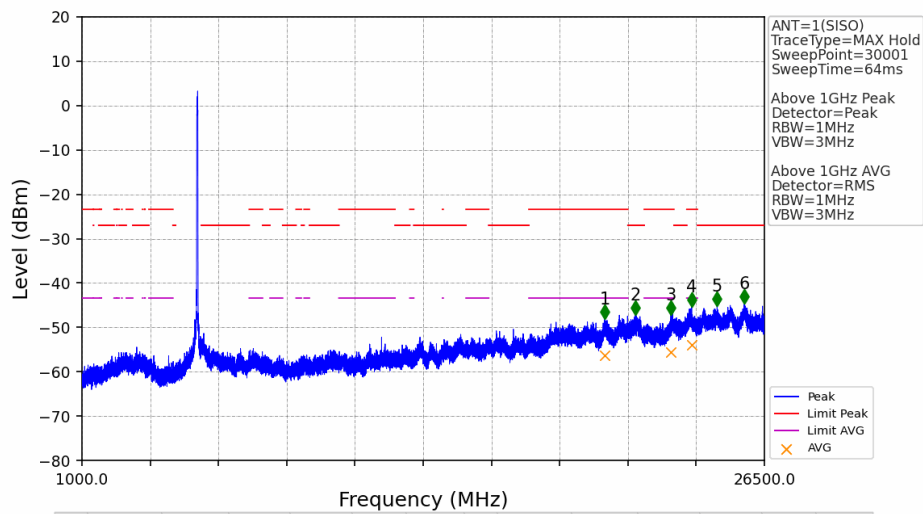
802.11ax(HEW40)_LCH_5270MHz_SU_ / Ant1_NTNV



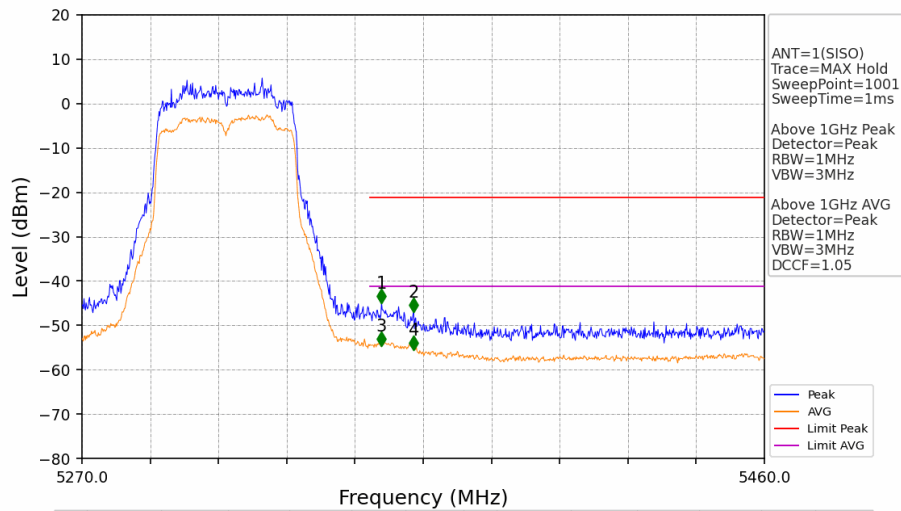
802.11ax(HEW40)_LCH_5270MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_HCH_5310MHz_SU_ / Ant1_NTNV

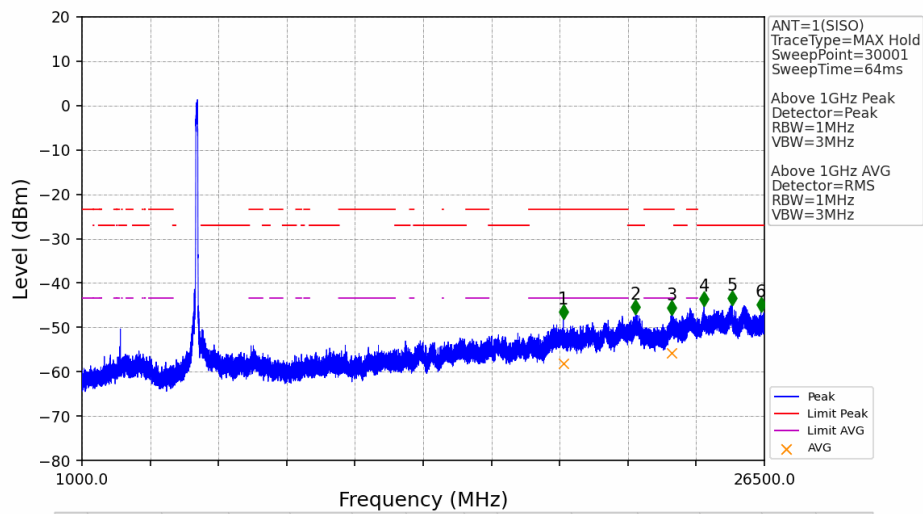


802.11ax(HEW40)_HCH_5310MHz_SU / Ant1_NTNV



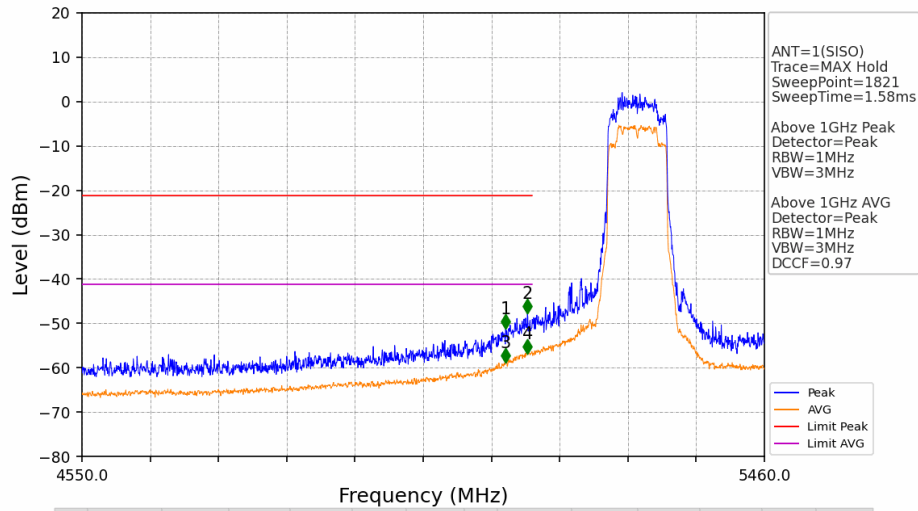
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5353.410	-44.90	-21.20	21.50	Pass	Peak	3	5353.410	/	-21.20	/	/	AVG
2	5362.340	-47.00	-21.20	23.60	Pass	Peak	4	5362.340	/	-21.20	/	/	AVG

802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV

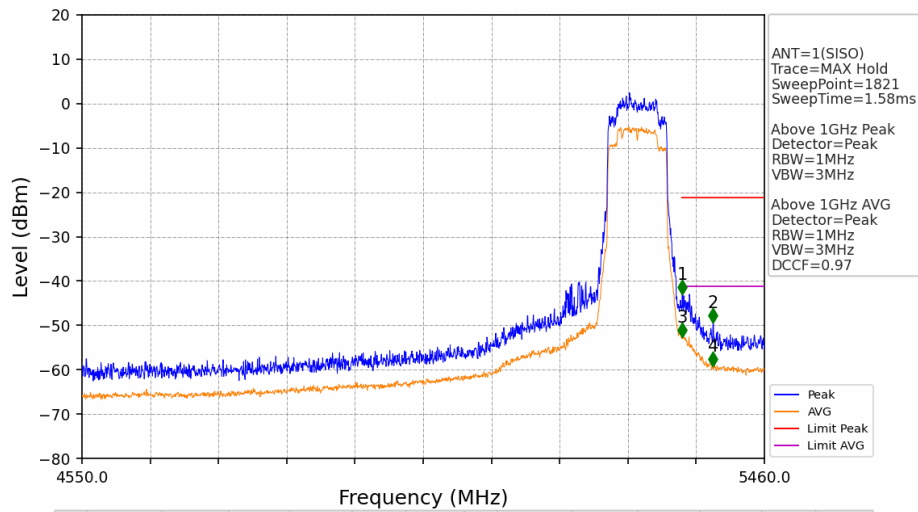


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18985.15	-48.15	-21.20	24.75	Pass	Peak	7	18985.15	-58.20	-41.20	14.80	Pass	AVG
2	21689	-46.96	-27.00	17.76	Pass	Peak	8	21689	/	-27.00	/	/	AVG
3	23026.9	-47.15	-21.20	23.75	Pass	Peak	9	23026.9	-55.77	-41.20	12.37	Pass	AVG
4	24244.1	-45.07	-27.00	15.87	Pass	Peak	10	24244.1	/	-27.00	/	/	AVG
5	25300.65	-44.99	-27.00	15.79	Pass	Peak	11	25300.65	/	-27.00	/	/	AVG
6	26368.25	-46.49	-27.00	17.30	Pass	Peak	12	26368.25	/	-27.00	/	/	AVG

802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV



6. Frequency Stability

6.1 Test Result

6.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5260	20	102	5259.997	5250 to 5350	Pass
				120	5259.996	5250 to 5350	Pass
				138	5259.996	5250 to 5350	Pass
			-30	120	5259.997	5250 to 5350	Pass
			-20	120	5259.997	5250 to 5350	Pass
			-10	120	5259.997	5250 to 5350	Pass
			0	120	5259.997	5250 to 5350	Pass
			10	120	5259.997	5250 to 5350	Pass
			30	120	5259.997	5250 to 5350	Pass
			40	120	5259.997	5250 to 5350	Pass
			50	120	5259.997	5250 to 5350	Pass
		5300	20	102	5299.999	5250 to 5350	Pass
				120	5299.998	5250 to 5350	Pass
				138	5299.999	5250 to 5350	Pass
			-30	120	5299.999	5250 to 5350	Pass
			-20	120	5299.999	5250 to 5350	Pass
			-10	120	5299.999	5250 to 5350	Pass
			0	120	5299.999	5250 to 5350	Pass
			10	120	5299.999	5250 to 5350	Pass
			30	120	5299.999	5250 to 5350	Pass
			40	120	5299.999	5250 to 5350	Pass
			50	120	5299.999	5250 to 5350	Pass
		5320	20	102	5319.999	5250 to 5350	Pass
				120	5319.999	5250 to 5350	Pass
				138	5319.999	5250 to 5350	Pass
			-30	120	5319.999	5250 to 5350	Pass
			-20	120	5319.999	5250 to 5350	Pass
			-10	120	5319.999	5250 to 5350	Pass
			0	120	5319.999	5250 to 5350	Pass
			10	120	5319.999	5250 to 5350	Pass
			30	120	5319.999	5250 to 5350	Pass
			40	120	5319.999	5250 to 5350	Pass
			50	120	5319.999	5250 to 5350	Pass
		5270	20	102	5270.000	5250 to 5350	Pass
				120	5270.000	5250 to 5350	Pass
				138	5270.000	5250 to 5350	Pass
			-30	120	5270.000	5250 to 5350	Pass
			-20	120	5270.000	5250 to 5350	Pass
			-10	120	5270.000	5250 to 5350	Pass
			0	120	5270.000	5250 to 5350	Pass
			10	120	5270.000	5250 to 5350	Pass
			30	120	5270.000	5250 to 5350	Pass
			40	120	5270.000	5250 to 5350	Pass
			50	120	5270.000	5250 to 5350	Pass
		5310	20	102	5309.999	5250 to 5350	Pass
				120	5309.999	5250 to 5350	Pass
				138	5309.999	5250 to 5350	Pass
			-30	120	5309.999	5250 to 5350	Pass

			-20	120	5309.999	5250 to 5350	Pass
			-10	120	5309.999	5250 to 5350	Pass
			0	120	5309.999	5250 to 5350	Pass
			10	120	5309.999	5250 to 5350	Pass
			30	120	5309.999	5250 to 5350	Pass
			40	120	5309.999	5250 to 5350	Pass
			50	120	5309.999	5250 to 5350	Pass
		5290	20	102	5290.000	5250 to 5350	Pass
				120	5290.000	5250 to 5350	Pass
				138	5290.000	5250 to 5350	Pass
			-30	120	5290.000	5250 to 5350	Pass
			-20	120	5290.000	5250 to 5350	Pass
			-10	120	5290.000	5250 to 5350	Pass
			0	120	5290.000	5250 to 5350	Pass
			10	120	5290.000	5250 to 5350	Pass
			30	120	5290.000	5250 to 5350	Pass
			40	120	5290.000	5250 to 5350	Pass
			50	120	5290.000	5250 to 5350	Pass

▶▶▶ END OF REPORT ◀◀◀

