

1. Duty Cycle

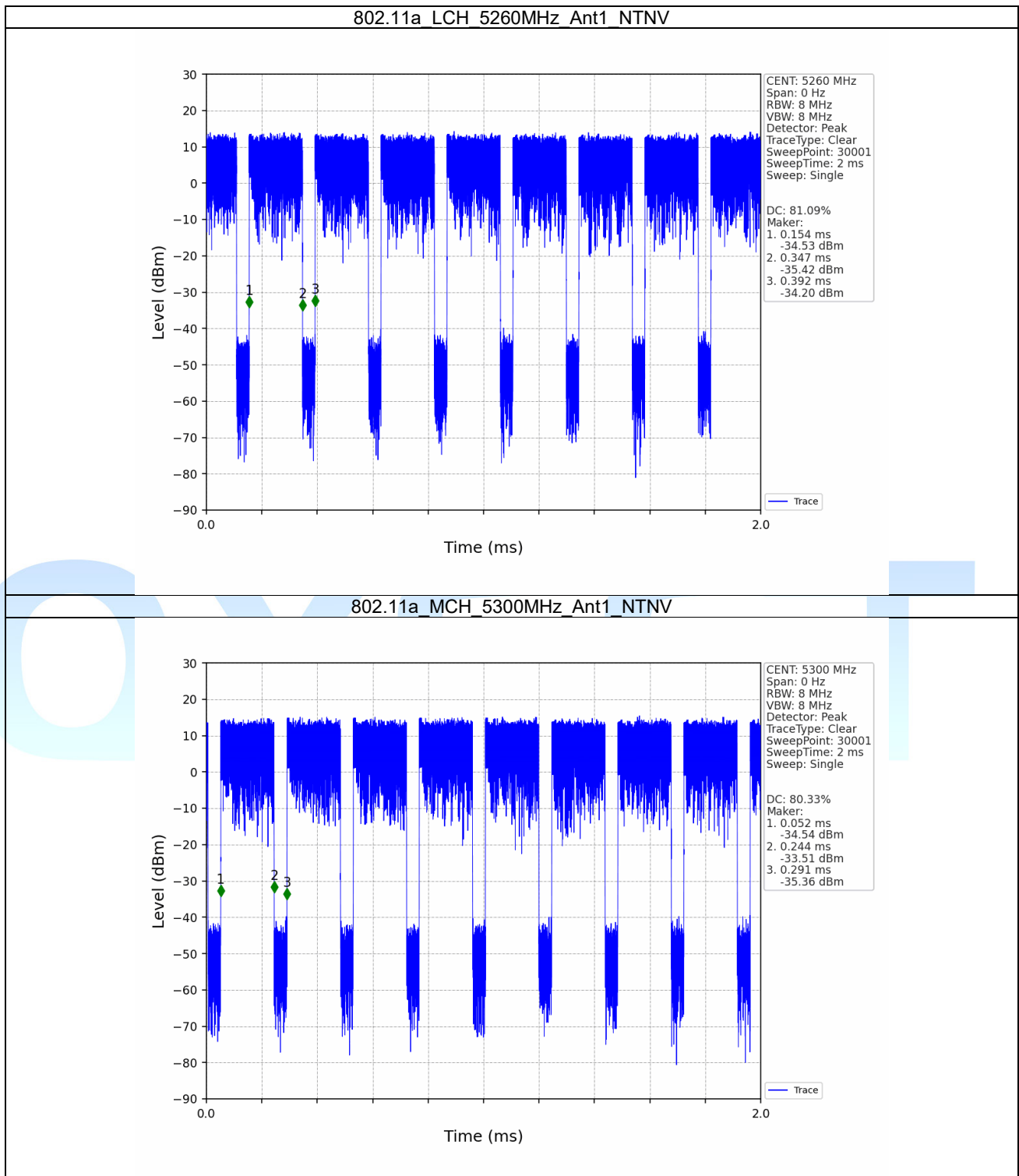
1.1 Test Result

1.1.1 Ant1

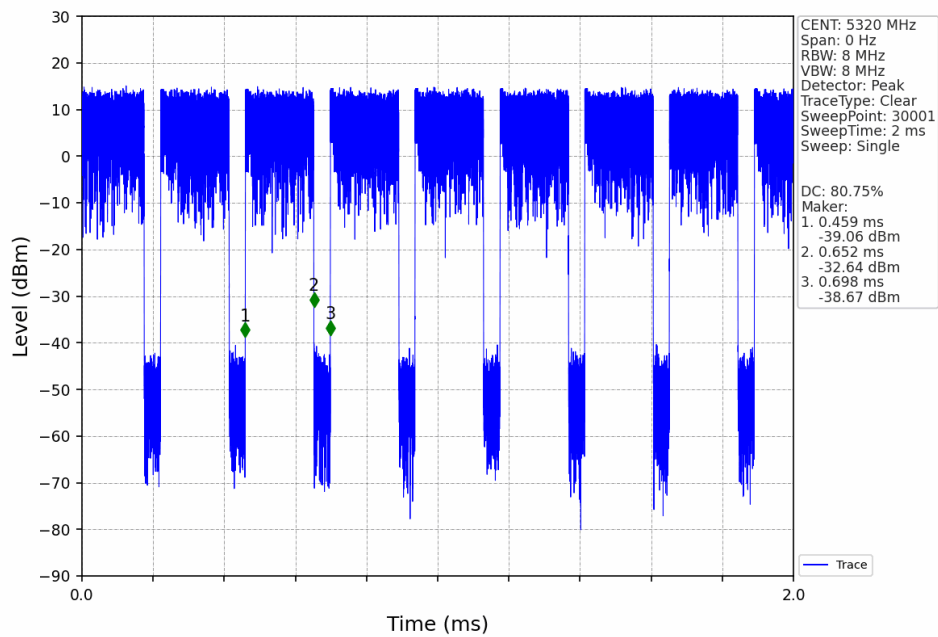
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5260	/	/	0.193	0.238	81.09	0.91	0.11
		5300	/	/	0.192	0.239	80.33	0.95	0.41
		5320	/	/	0.193	0.239	80.75	0.93	0.45
802.11n (HT20)	SISO	5260	/	/	0.213	0.259	82.24	0.85	0.08
		5300	/	/	0.213	0.259	82.24	0.85	0.08
		5320	/	/	0.213	0.259	82.24	0.85	0.08
802.11n (HT40)	SISO	5270	/	/	0.201	0.247	81.38	0.90	0.17
		5310	/	/	0.203	0.247	82.19	0.85	0.08
802.11ac (VHT20)	SISO	5260	/	/	0.205	0.252	81.35	0.90	0.43
		5300	/	/	0.205	0.252	81.35	0.90	0.20
		5320	/	/	0.205	0.251	81.67	0.88	0.23
802.11ac (VHT40)	SISO	5270	/	/	0.185	0.231	80.09	0.96	0.15
		5310	/	/	0.187	0.232	80.60	0.94	0.40
802.11ac (VHT80)	SISO	5290	/	/	0.177	0.223	79.37	1.00	0.28
802.11ax (HEW20)	SISO	5260	SU	/	0.267	0.314	85.03	0.70	0.20
		5300	SU	/	0.267	0.314	85.03	0.70	0.17
		5320	SU	/	0.266	0.313	84.98	0.71	0.17
802.11ax (HEW40)	SISO	5270	SU	/	0.195	0.241	80.91	0.92	0.27
		5310	SU	/	0.118	0.166	71.08	1.48	28.28
802.11ax (HEW80)	SISO	5290	SU	/	0.176	0.223	78.92	1.03	0.16

1.2 Test Graph

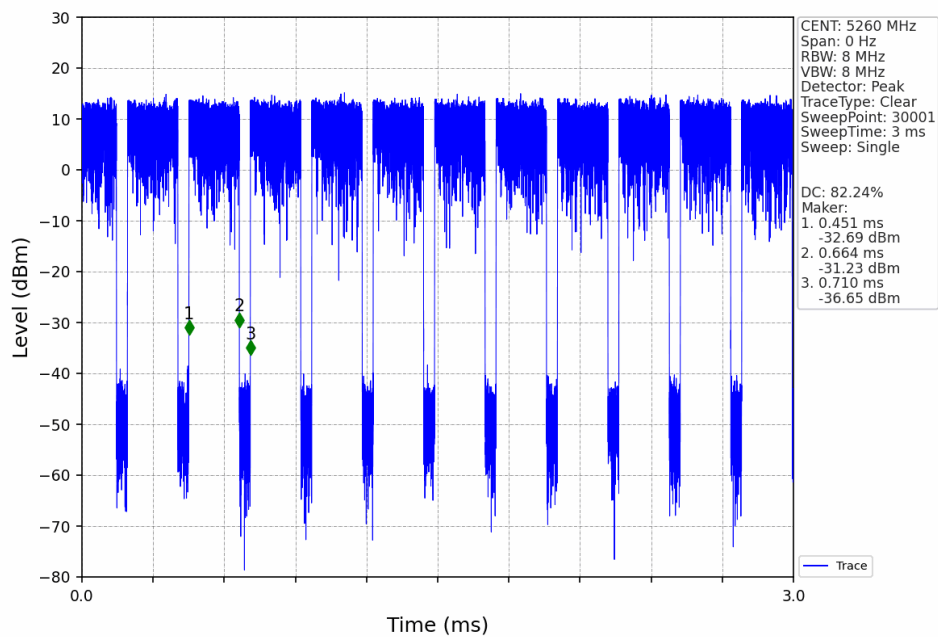
1.2.1 Ant1



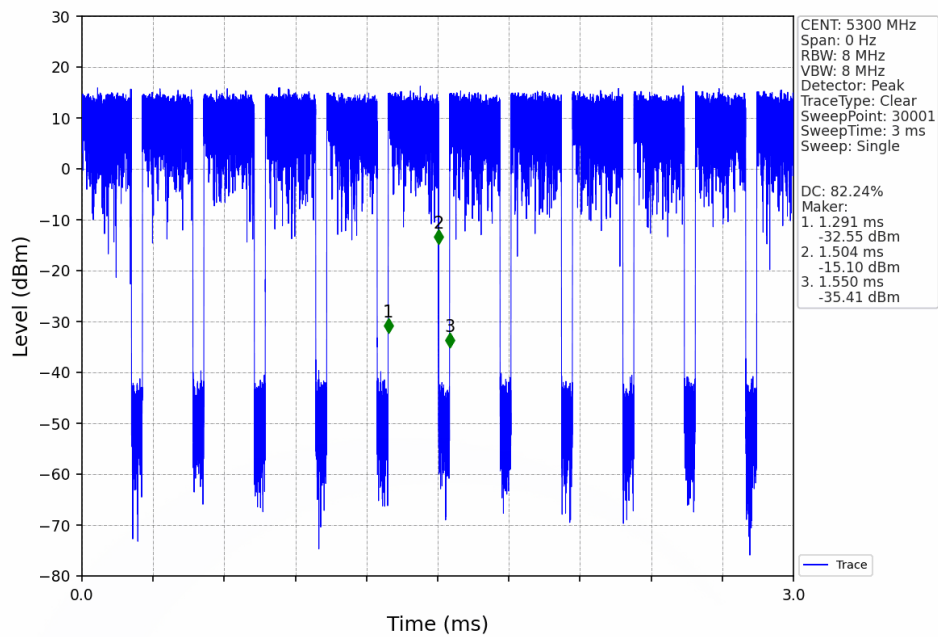
802.11a_HCH_5320MHz_Ant1_NTNV



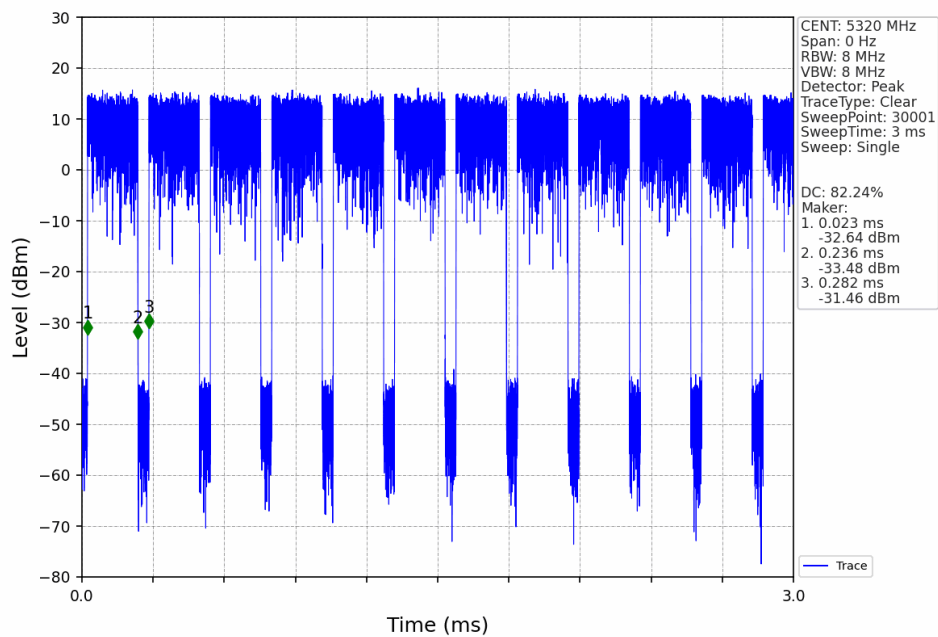
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



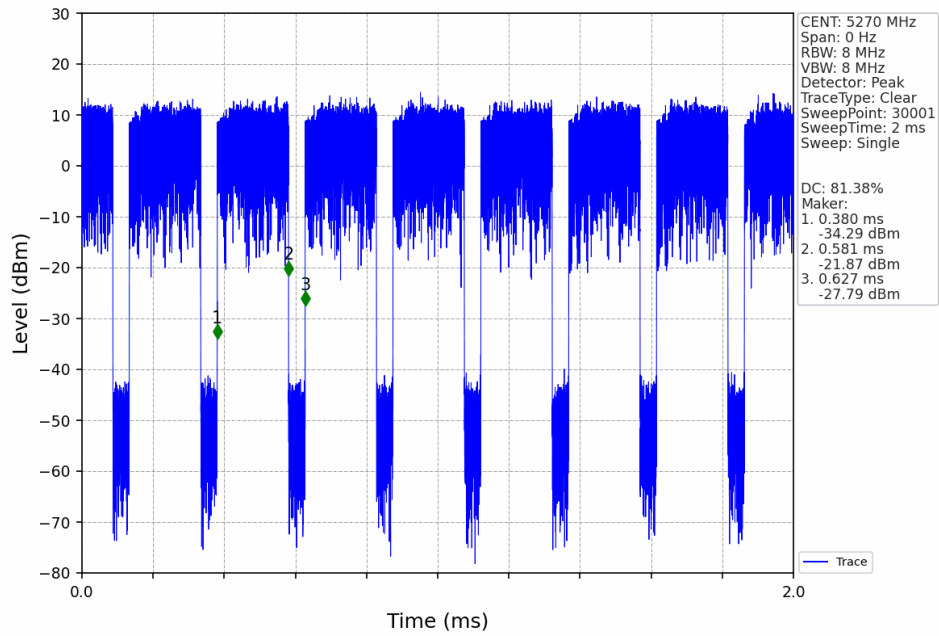
802.11n(HT20) MCH 5300MHz_Ant1_NTNV



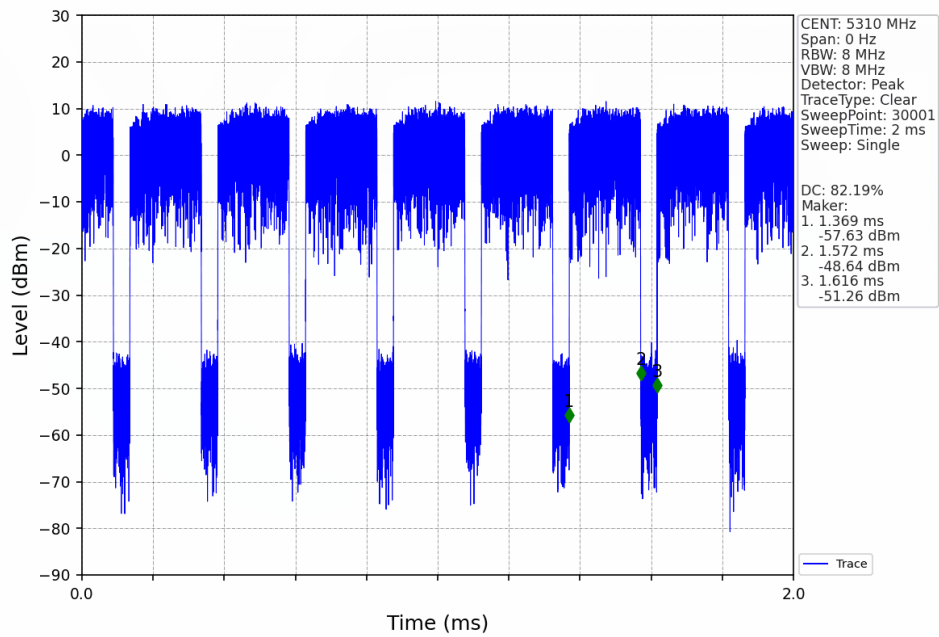
802.11n(HT20) HCH 5320MHz_Ant1_NTNV



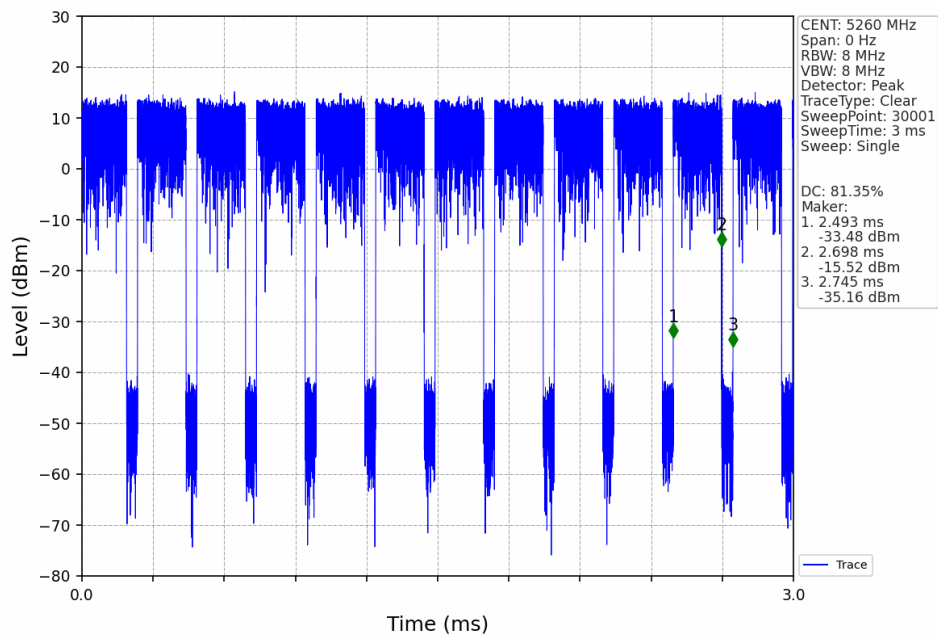
802.11n(HT40) LCH 5270MHz_Ant1_NTNV



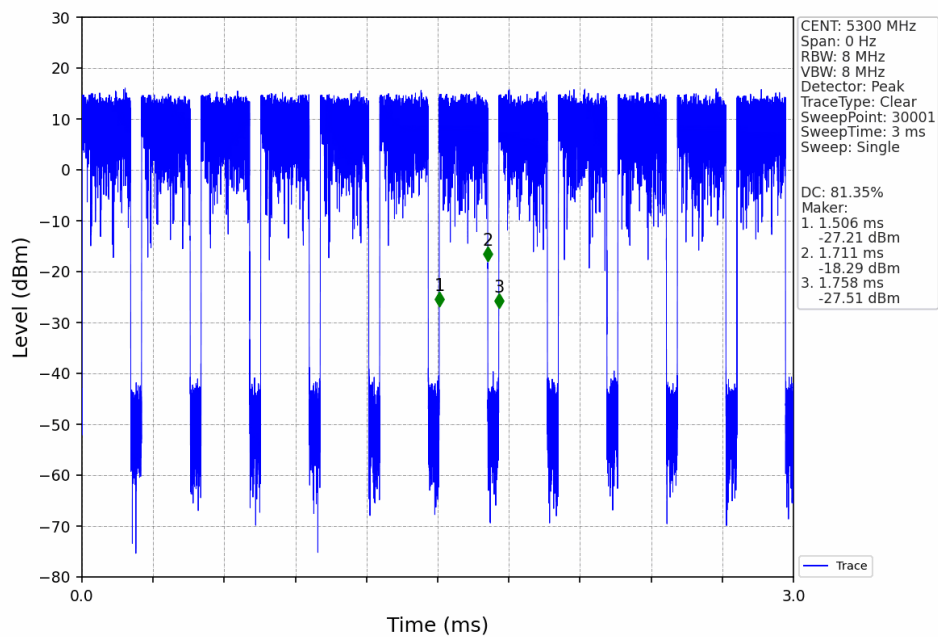
802.11n(HT40) HCH 5310MHz_Ant1_NTNV



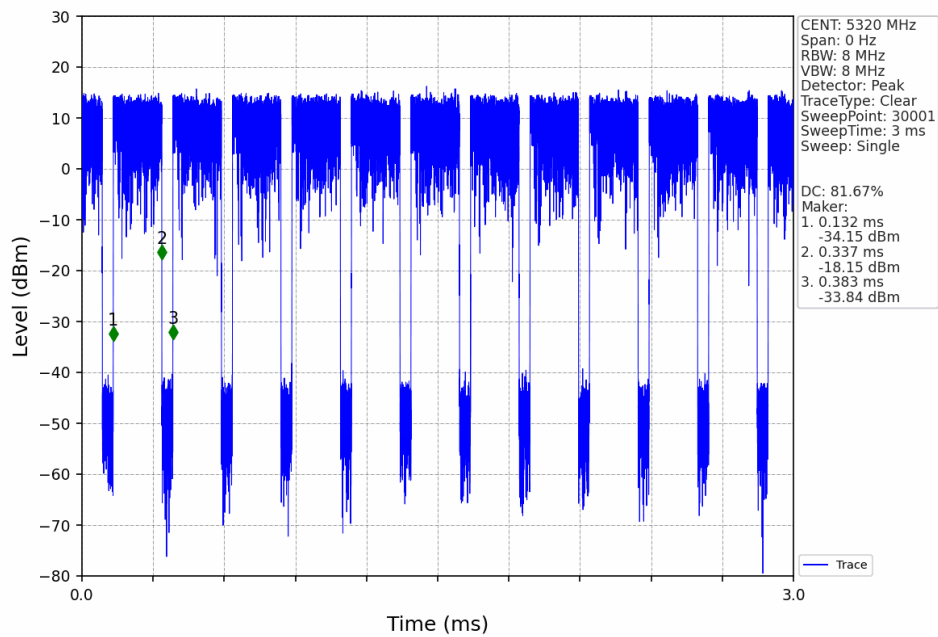
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



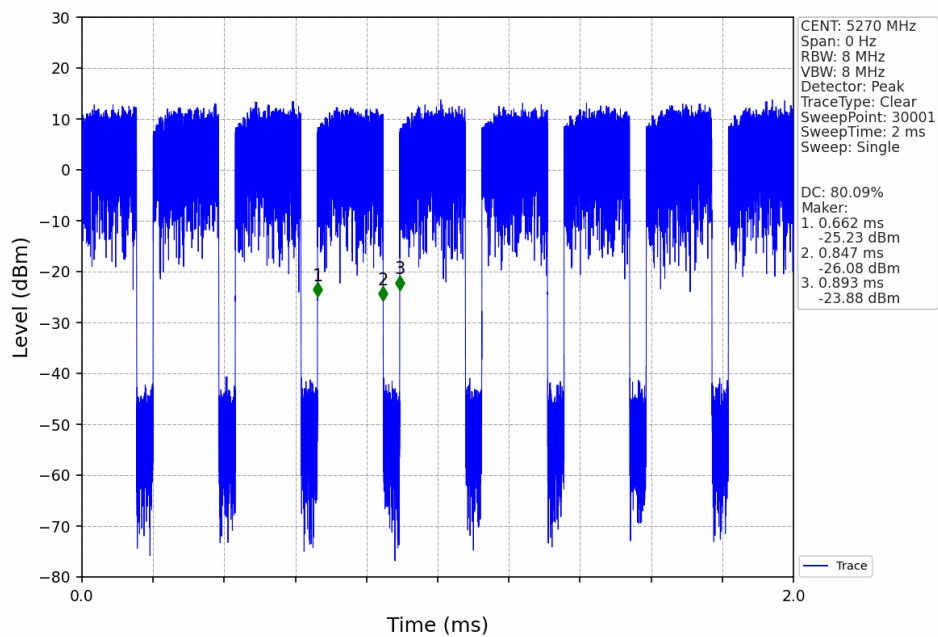
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



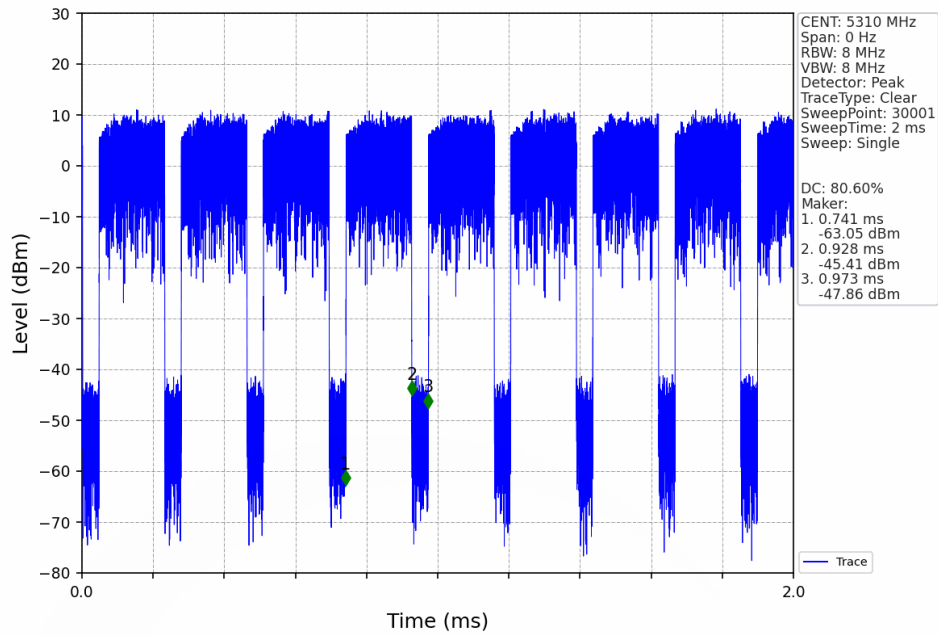
802.11ac(VHT20) HCH_5320MHz_Ant1_NTNV



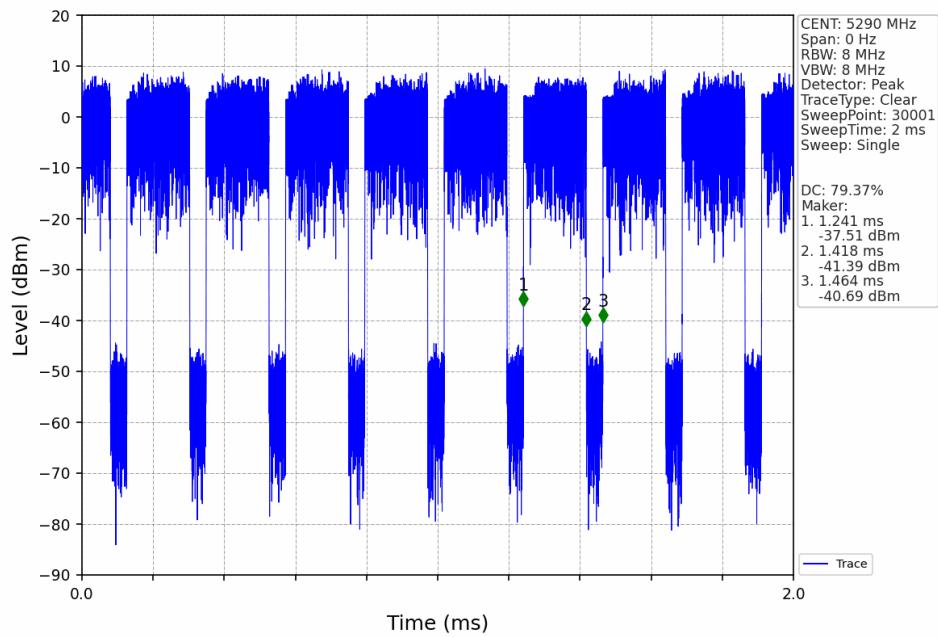
802.11ac(VHT40) LCH_5270MHz_Ant1_NTNV



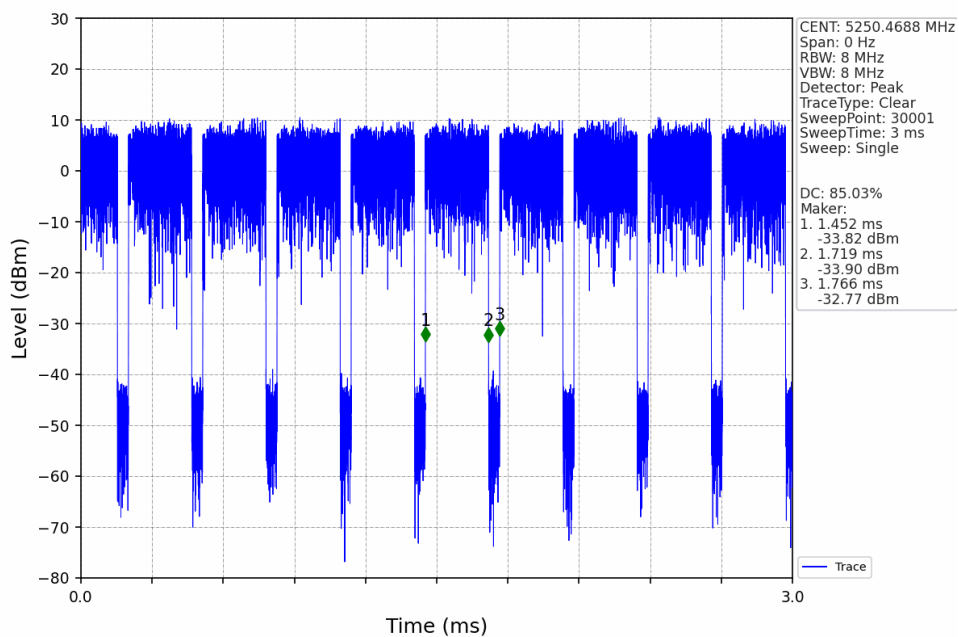
802.11ac(VHT40) HCH 5310MHz_Ant1_NTNV



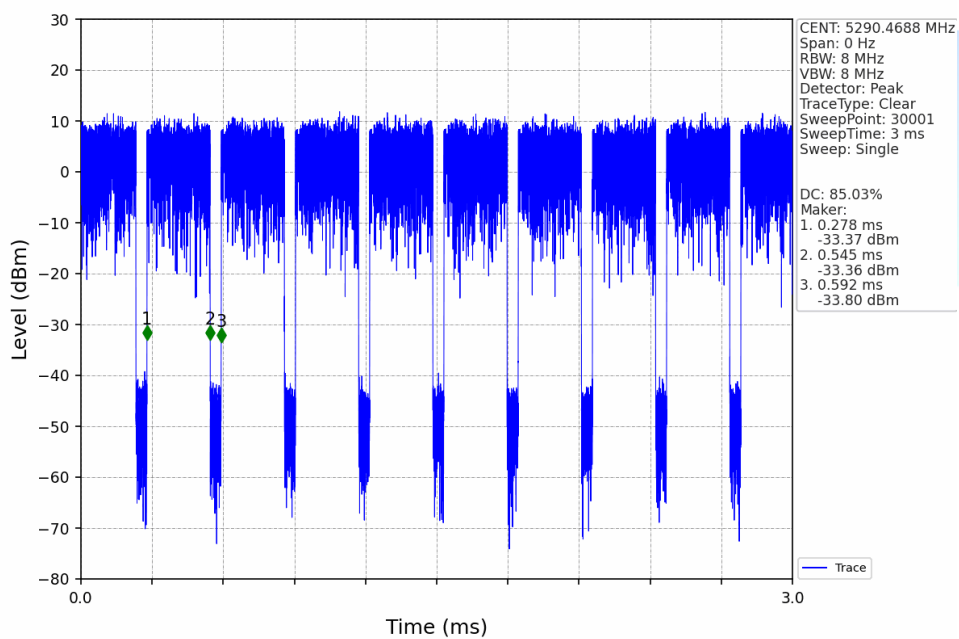
802.11ac(VHT80) MCH 5290MHz_Ant1_NTNV



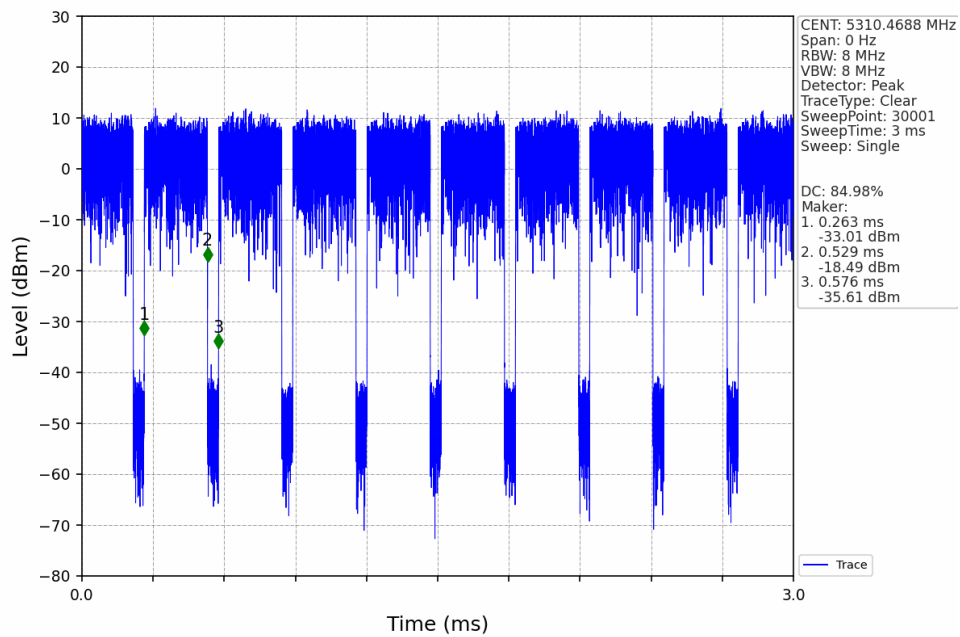
802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



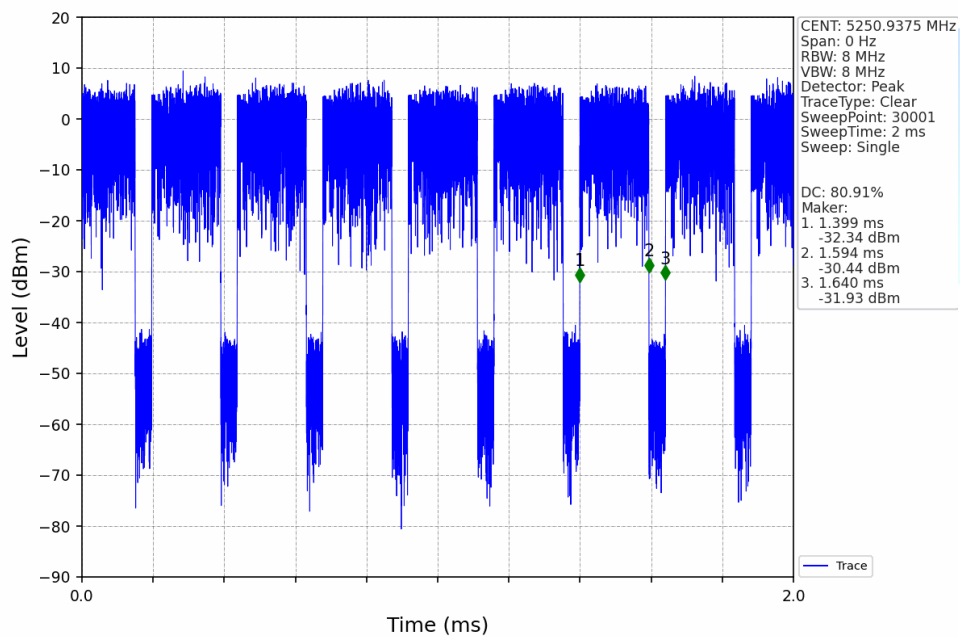
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



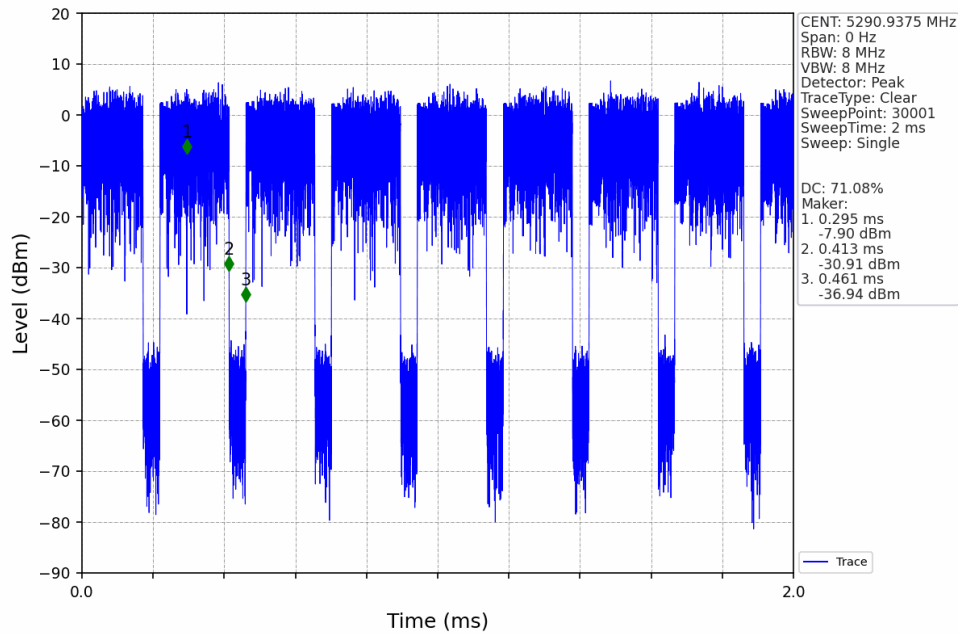
802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



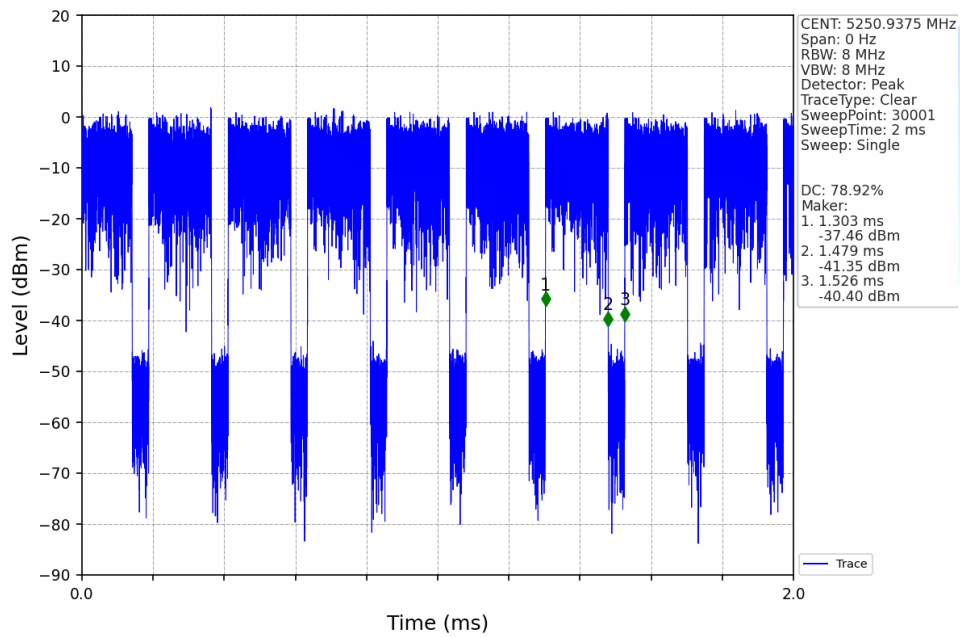
802.11ax(HEW40)_LCH_5270MHz_SU_ / Ant1_NTNV



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	17.466	/	Pass
		5300	/	/	1	17.356	/	Pass
		5320	/	/	1	17.418	/	Pass
802.11n (HT20)	SISO	5260	/	/	1	18.417	/	Pass
		5300	/	/	1	18.305	/	Pass
		5320	/	/	1	18.413	/	Pass
802.11n (HT40)	SISO	5270	/	/	1	36.393	/	Pass
		5310	/	/	1	36.317	/	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	18.310	/	Pass
		5300	/	/	1	18.378	/	Pass
		5320	/	/	1	18.324	/	Pass
802.11ac (VHT40)	SISO	5270	/	/	1	36.366	/	Pass
		5310	/	/	1	36.262	/	Pass
802.11ac (VHT80)	SISO	5290	/	/	1	75.538	/	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	19.174	/	Pass
		5300	SU	/	1	19.094	/	Pass
		5320	SU	/	1	19.096	/	Pass
802.11ax (HEW40)	SISO	5270	SU	/	1	37.794	/	Pass
		5310	SU	/	1	37.721	/	Pass
802.11ax (HEW80)	SISO	5290	SU	/	1	75.436	/	Pass

2.1.2 26dB BW

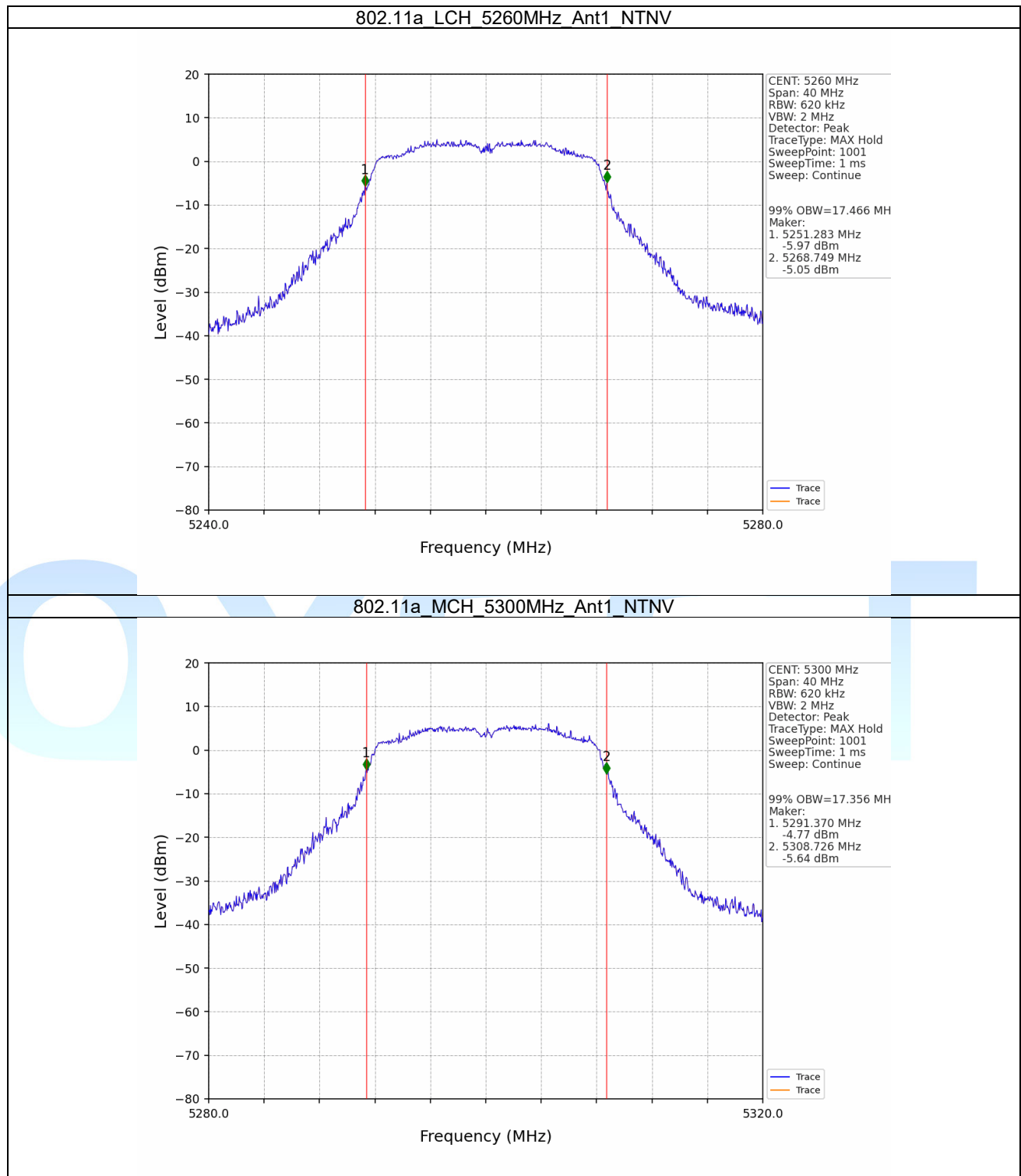
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5260	/	/	1	23.500	/	Pass
		5300	/	/	1	22.616	/	Pass
		5320	/	/	1	22.897	/	Pass
802.11n (HT20)	SISO	5260	/	/	1	23.314	/	Pass
		5300	/	/	1	22.938	/	Pass
		5320	/	/	1	22.688	/	Pass
802.11n (HT40)	SISO	5270	/	/	1	43.272	/	Pass
		5310	/	/	1	43.451	/	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	22.703	/	Pass
		5300	/	/	1	22.488	/	Pass
		5320	/	/	1	23.151	/	Pass
802.11ac (VHT40)	SISO	5270	/	/	1	43.759	/	Pass
		5310	/	/	1	43.197	/	Pass
802.11ac (VHT80)	SISO	5290	/	/	1	86.540	/	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	22.945	/	Pass
		5300	SU	/	1	22.693	/	Pass
		5320	SU	/	1	23.640	/	Pass
802.11ax (HEW40)	SISO	5270	SU	/	1	43.892	/	Pass
		5310	SU	/	1	42.873	/	Pass
802.11ax	SISO	5290	SU	/	1	85.385	/	Pass

(HEW80)								
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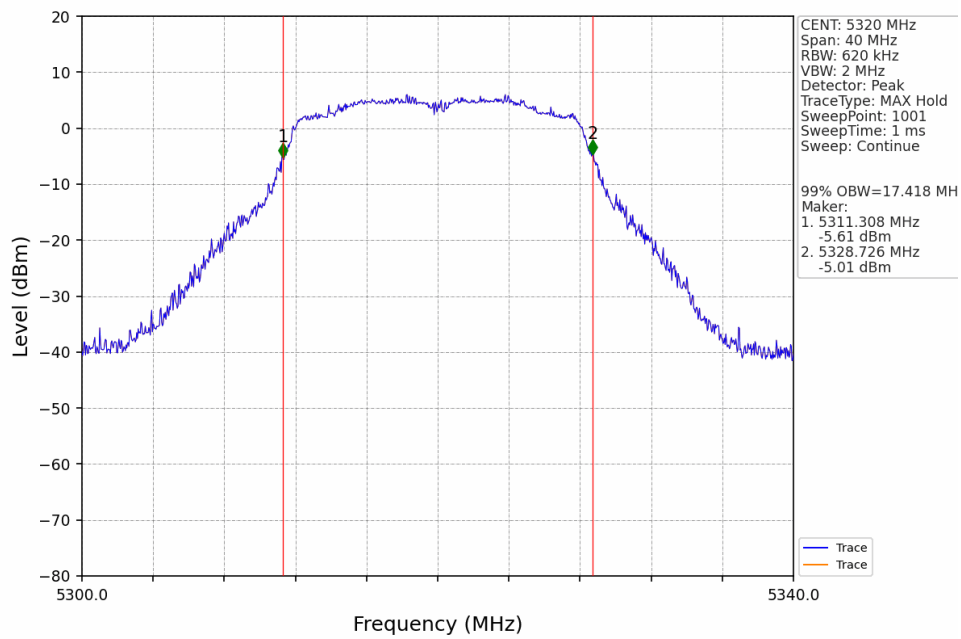


2.2 Test Graph

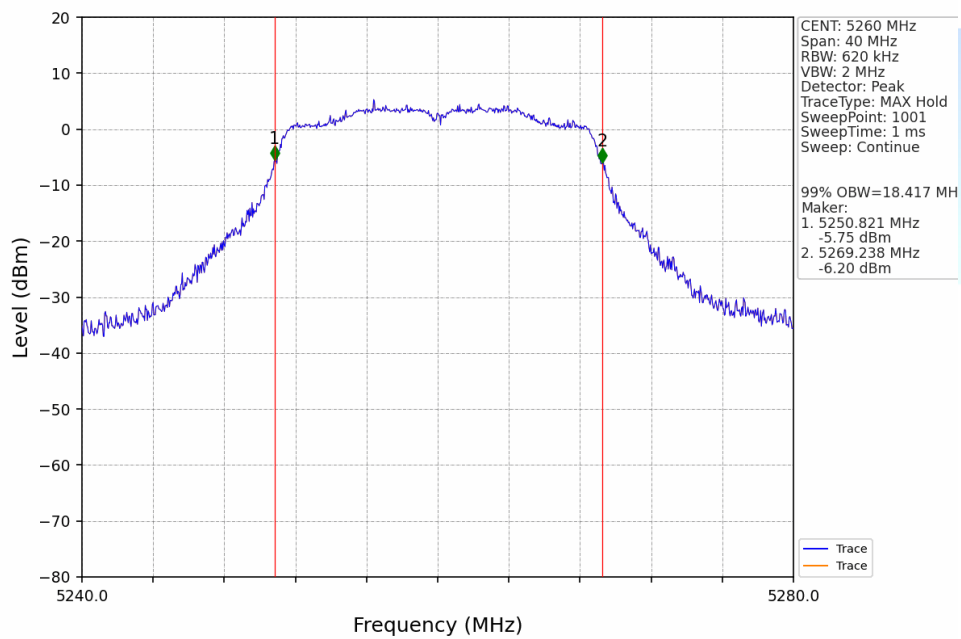
2.2.1 OBW



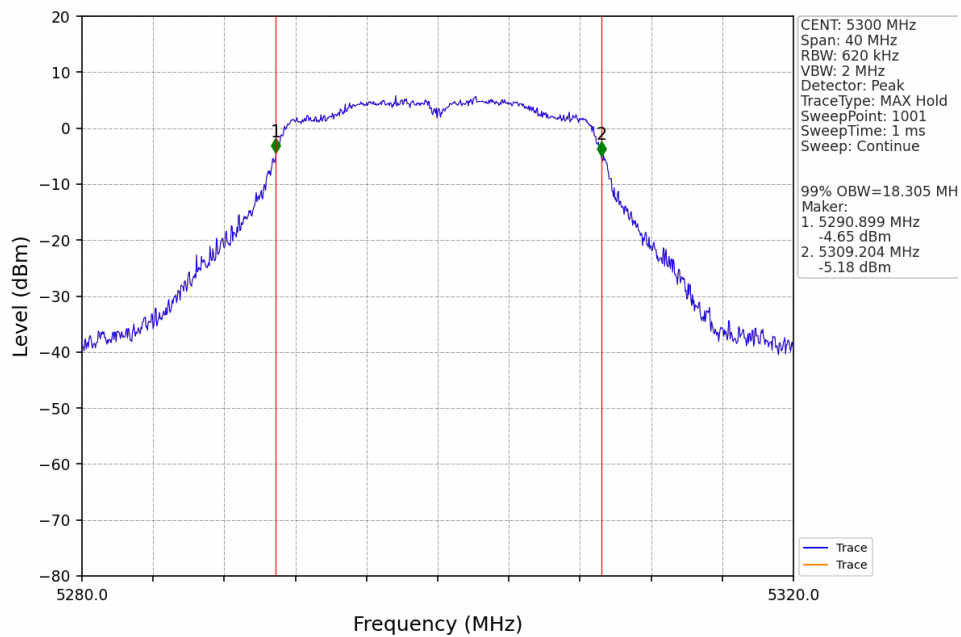
802.11a_HCH_5320MHz_Ant1_NTNV



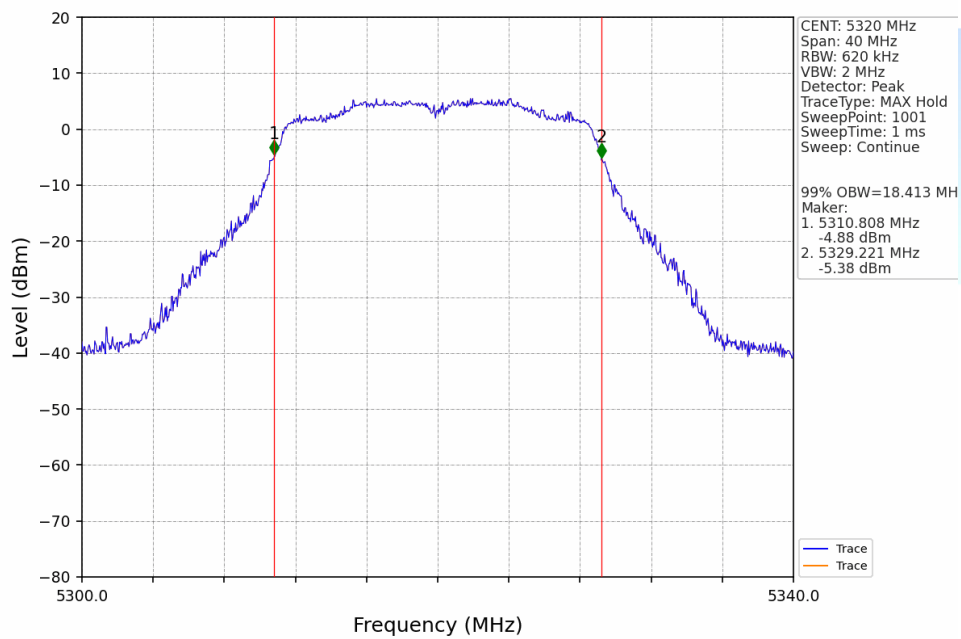
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



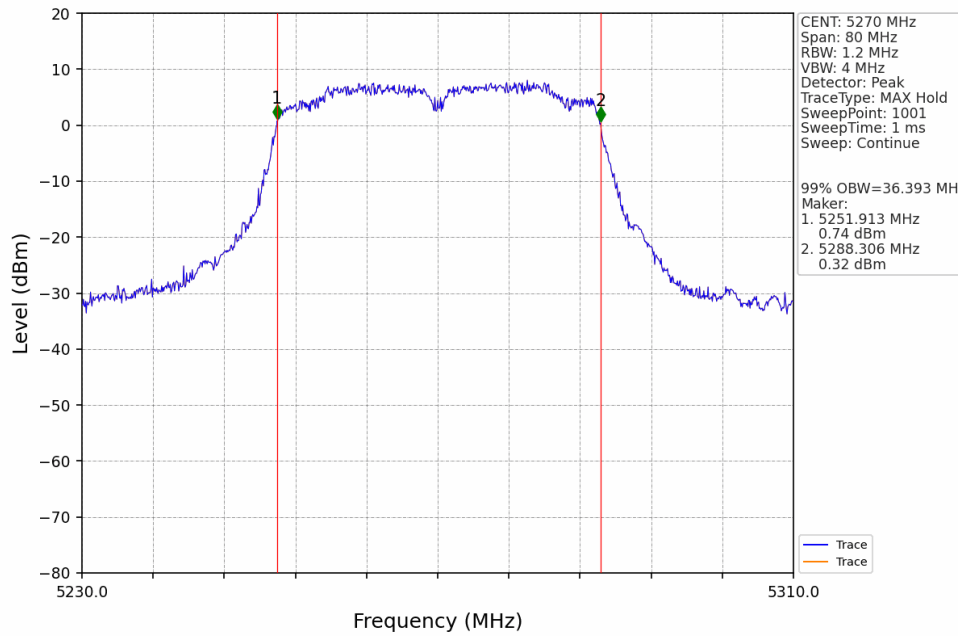
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



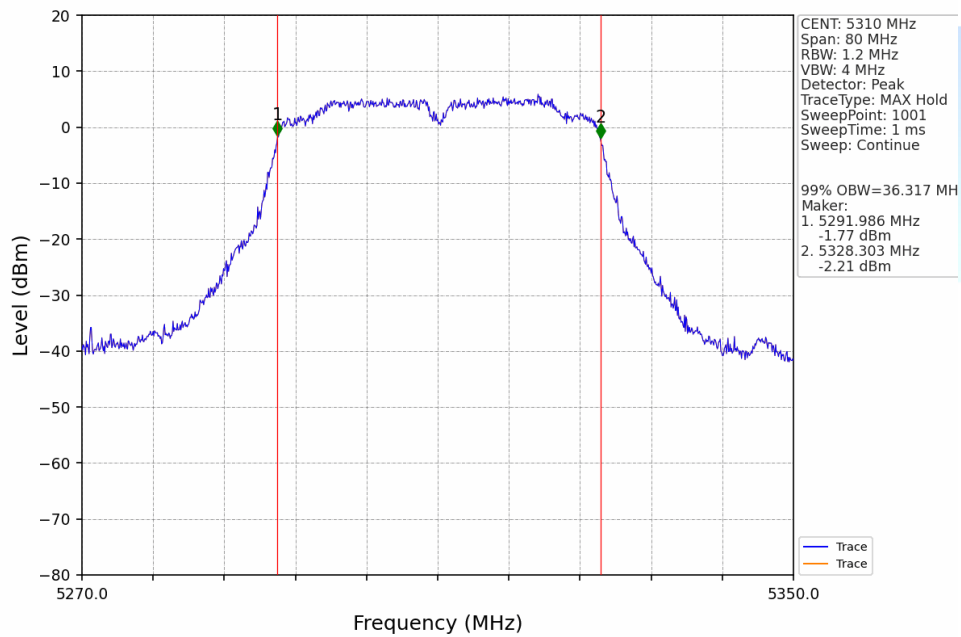
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



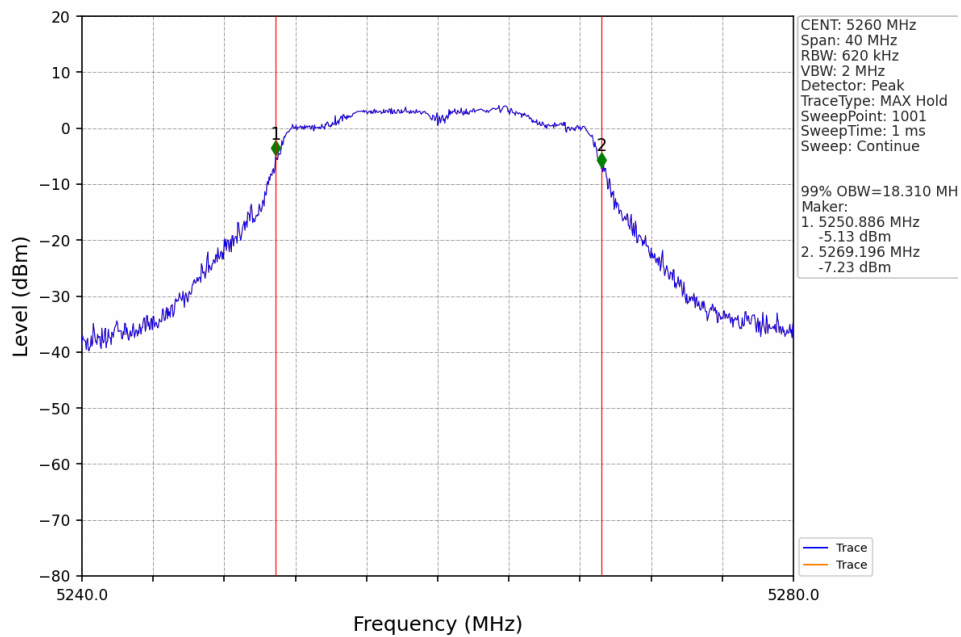
802.11n(HT40) LCH 5270MHz_Ant1_NTNV



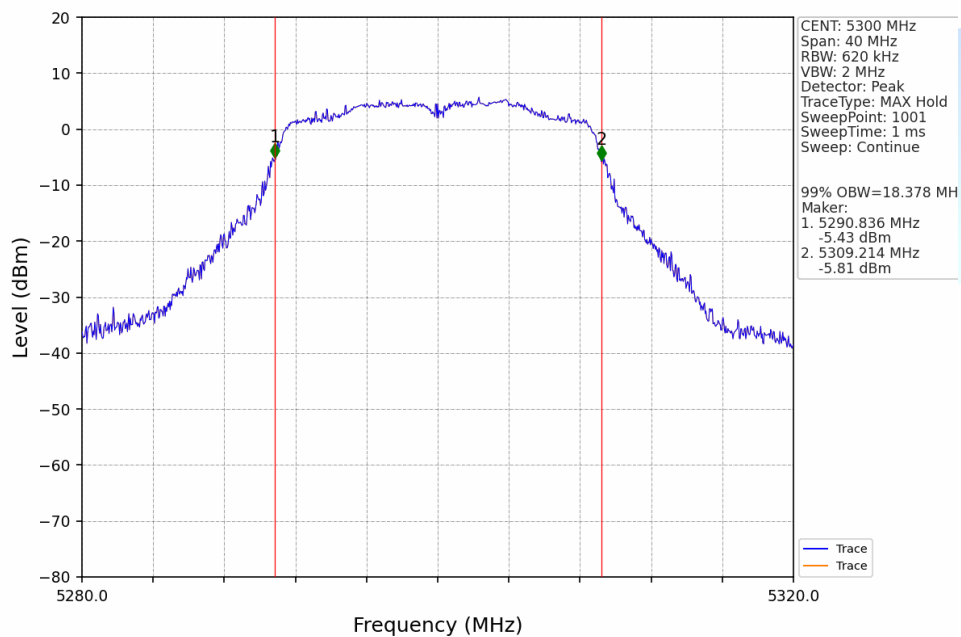
802.11n(HT40) HCH 5310MHz_Ant1_NTNV



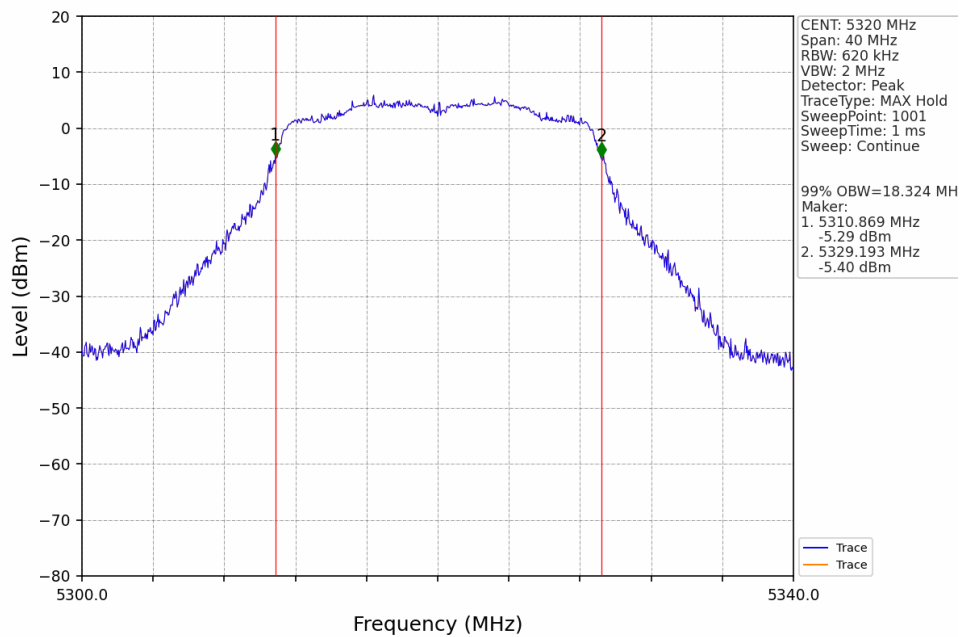
802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV



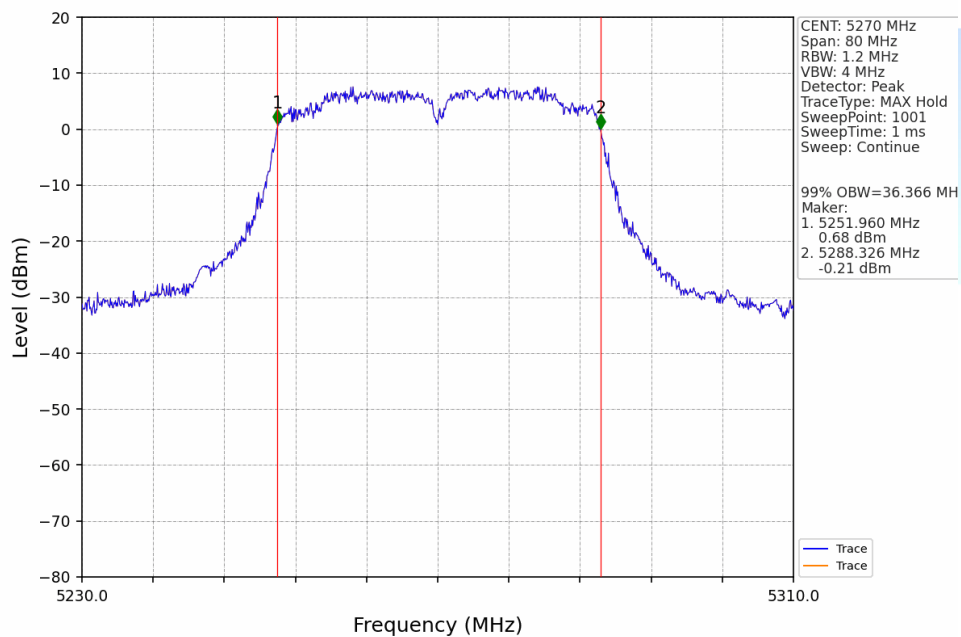
802.11ac(VHT20) MCH_5300MHz_Ant1_NTNV



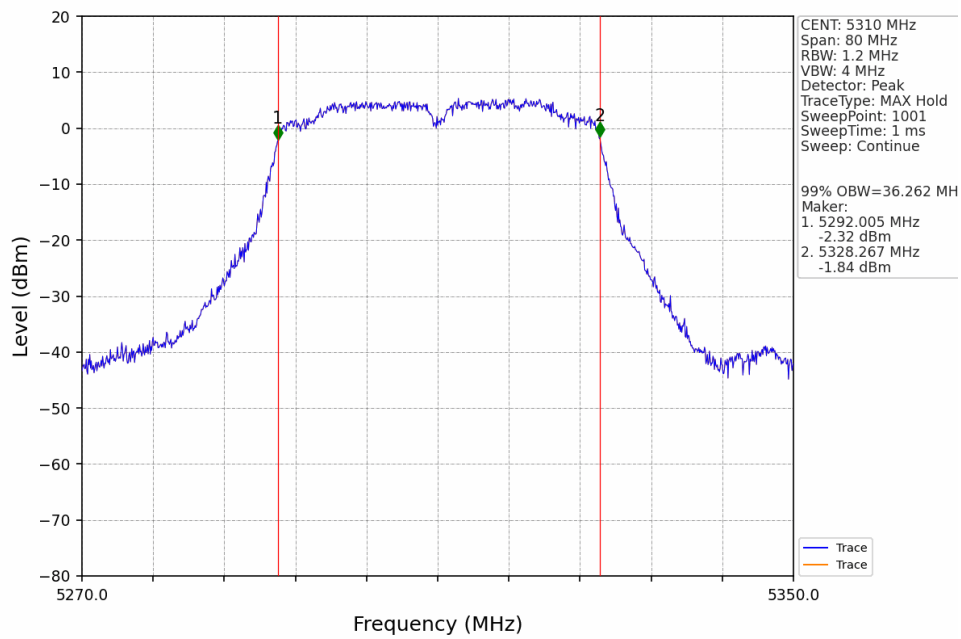
802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



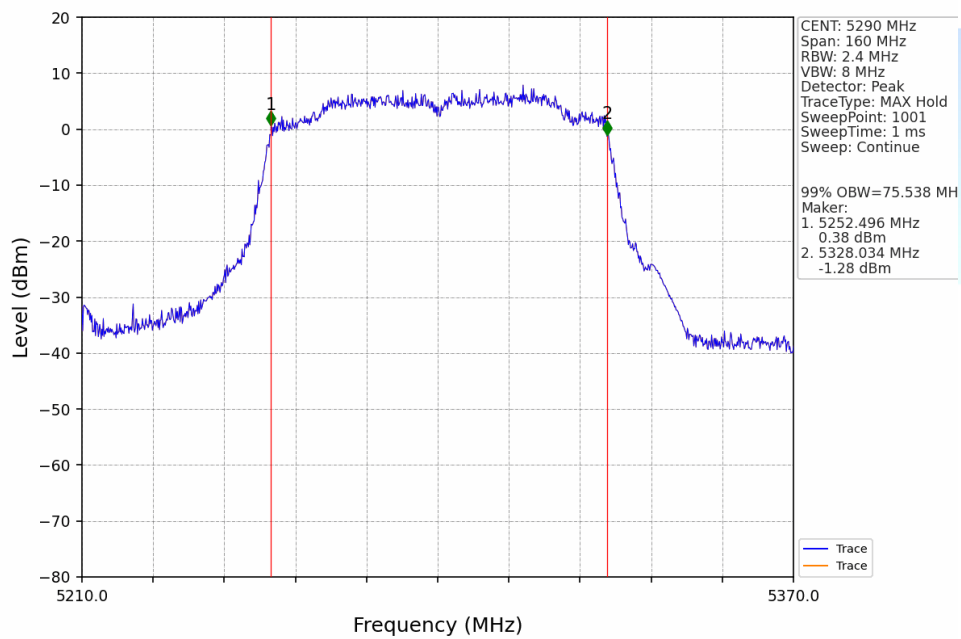
802.11ac(VHT40) LCH 5270MHz Ant1_NTNV



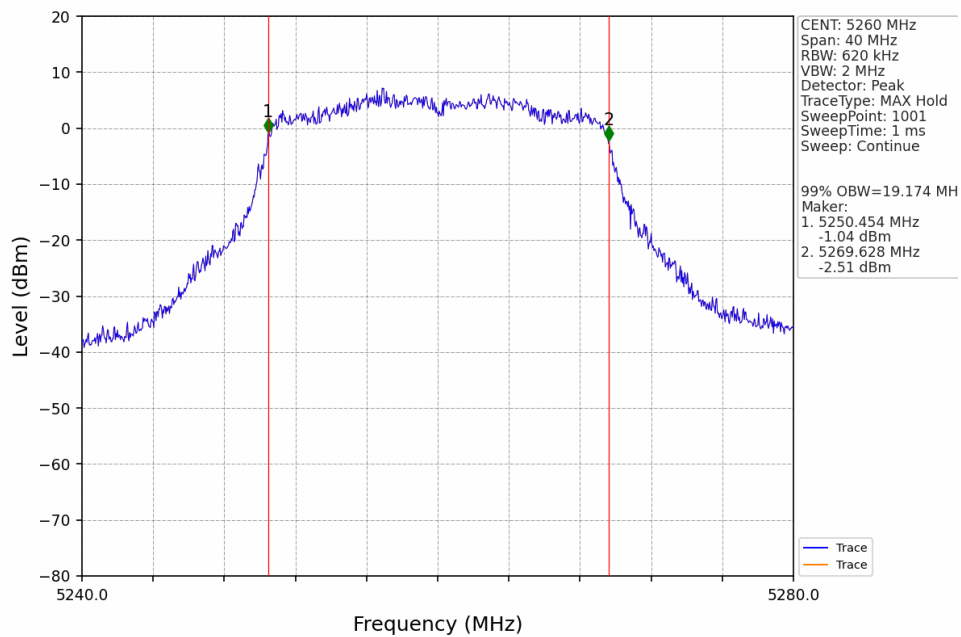
802.11ac(VHT40) HCH_5310MHz_Ant1_NTNV



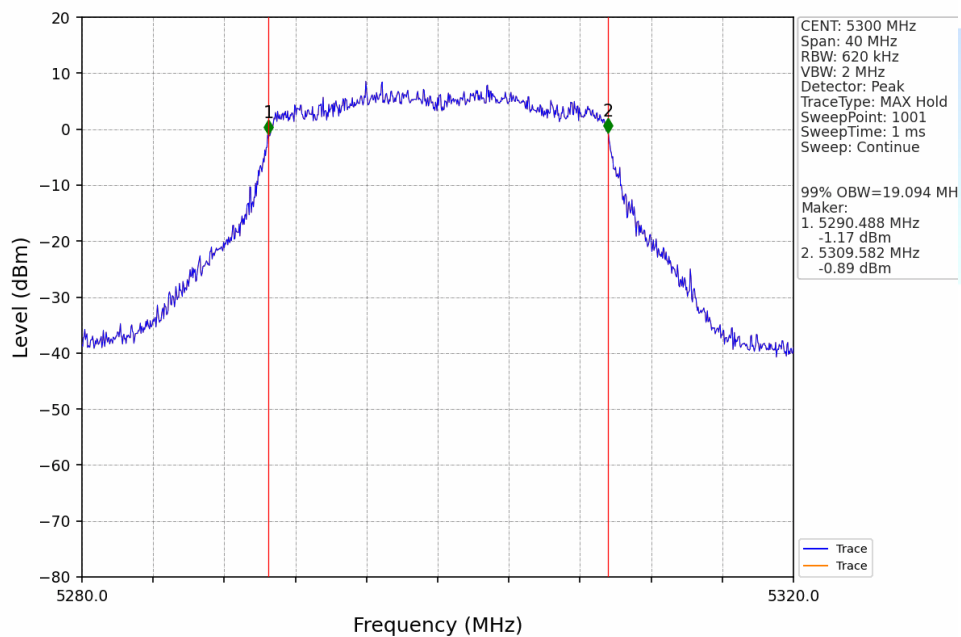
802.11ac(VHT80) MCH_5290MHz_Ant1_NTNV



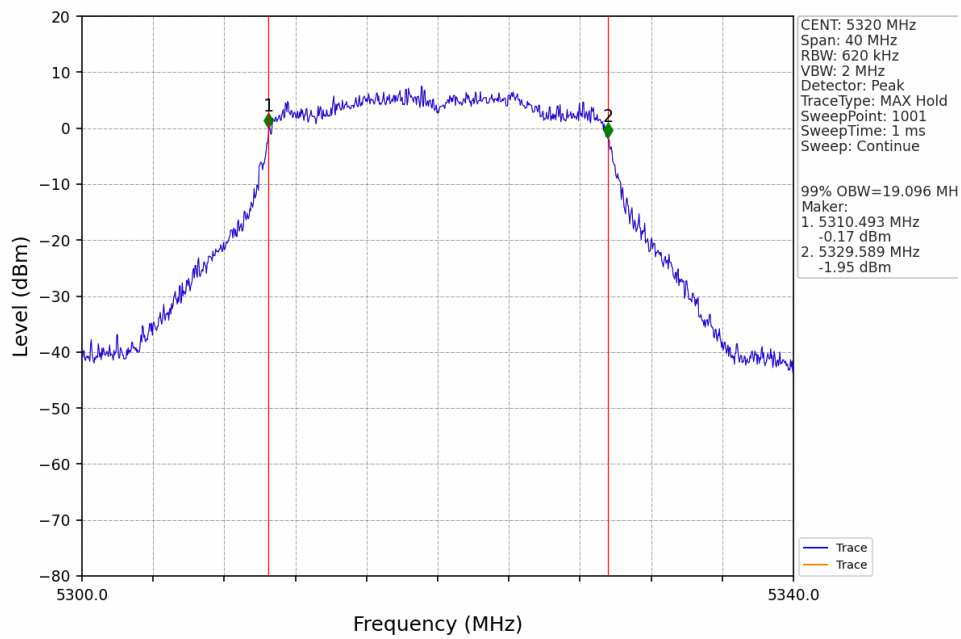
802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



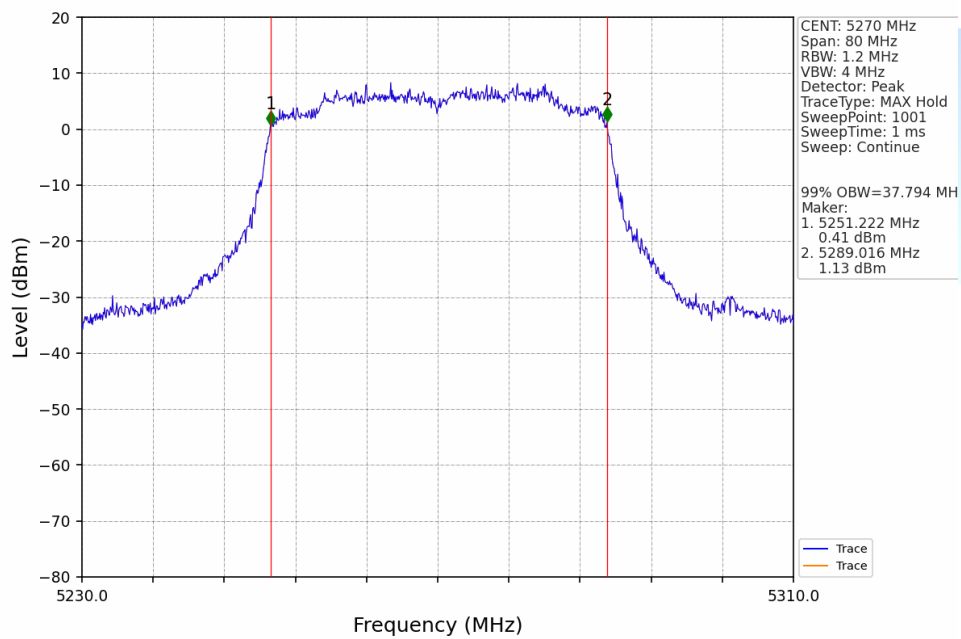
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



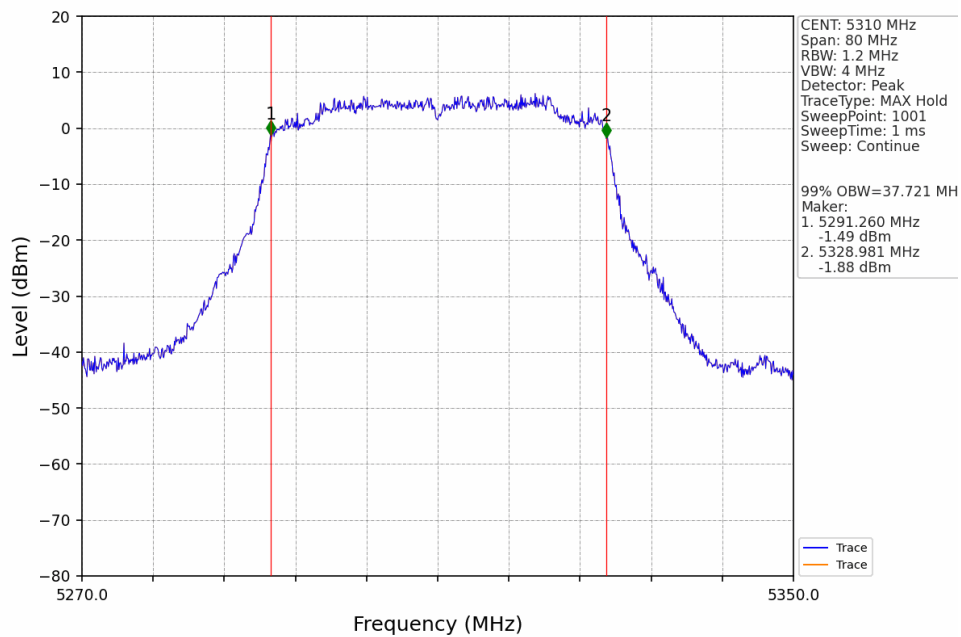
802.11ax(HEW20)_HCH_5320MHz_SU / Ant1_NTNV



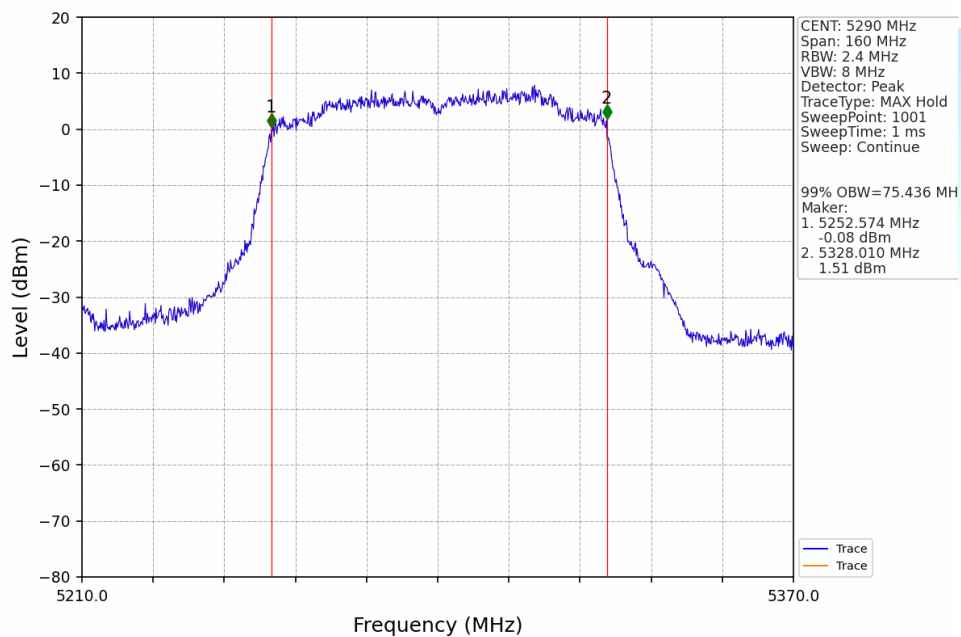
802.11ax(HEW40)_LCH_5270MHz_SU / Ant1_NTNV



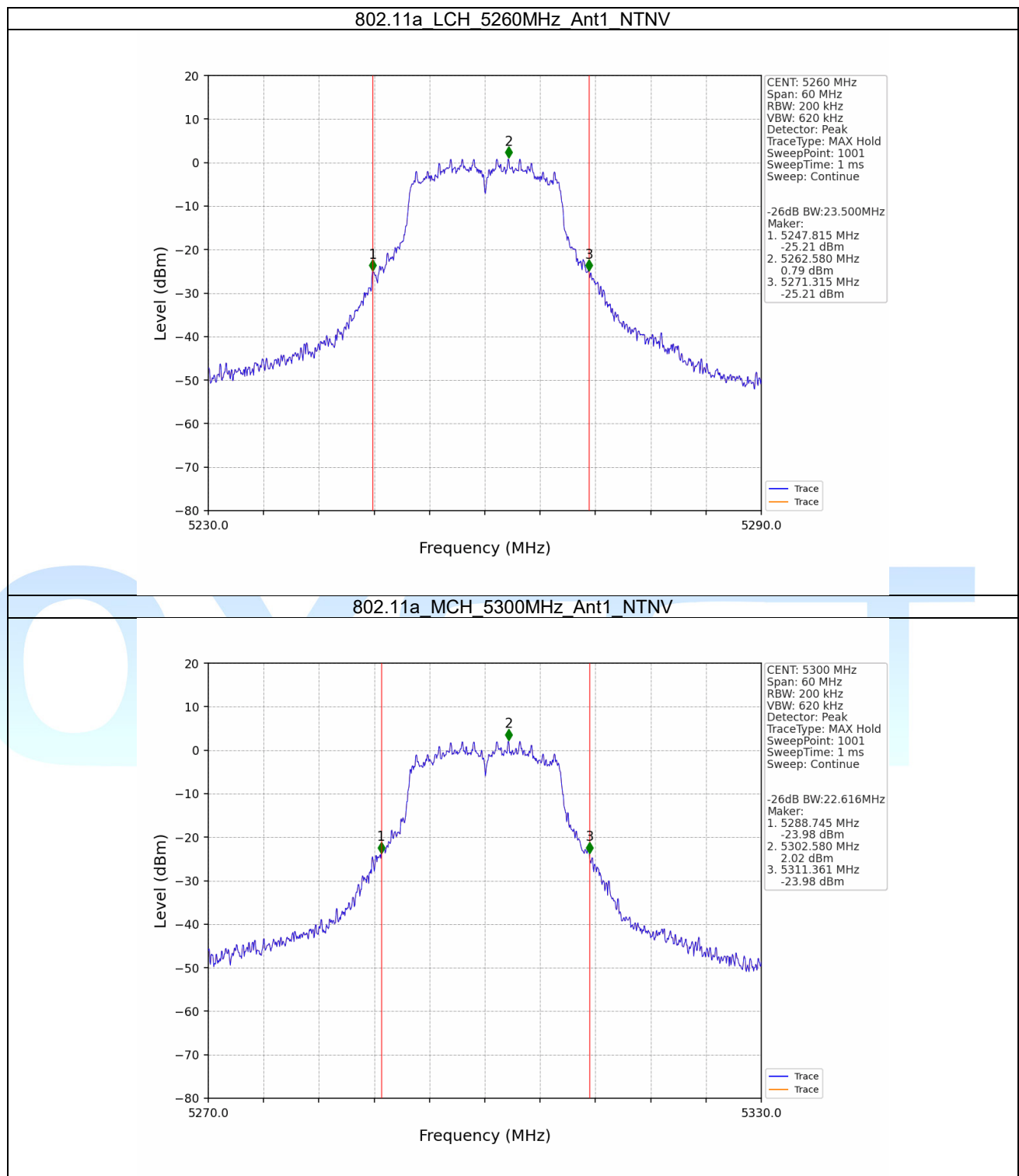
802.11ax(HEW40)_HCH_5310MHz_SU / Ant1_NTNV



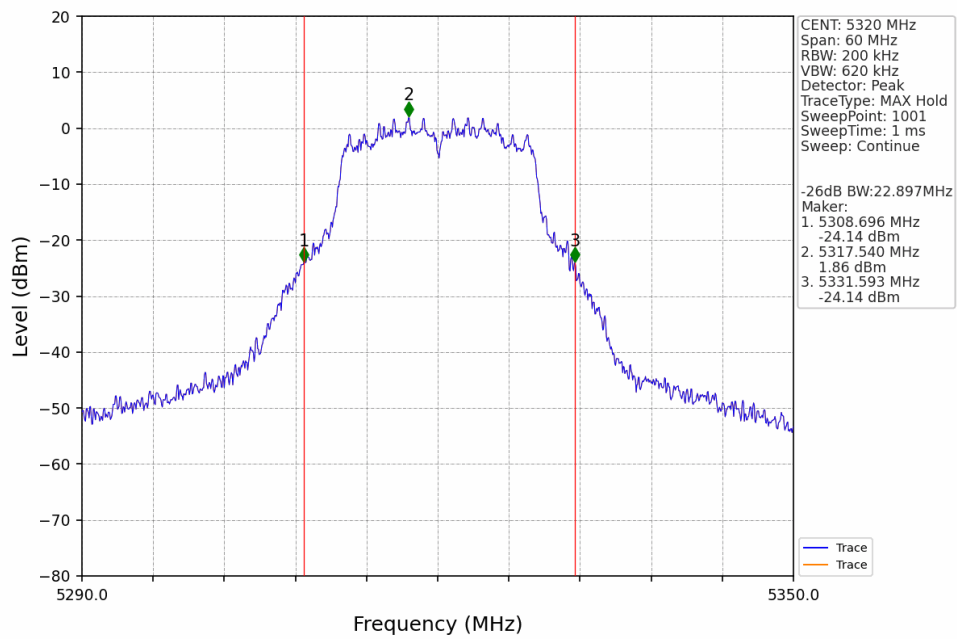
802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV



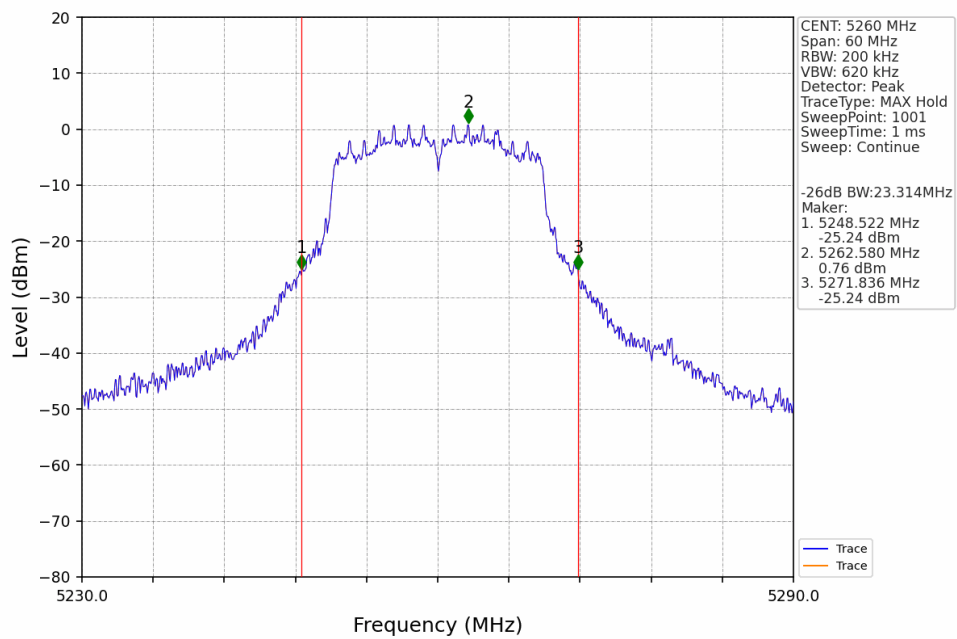
2.2.2 26dB BW



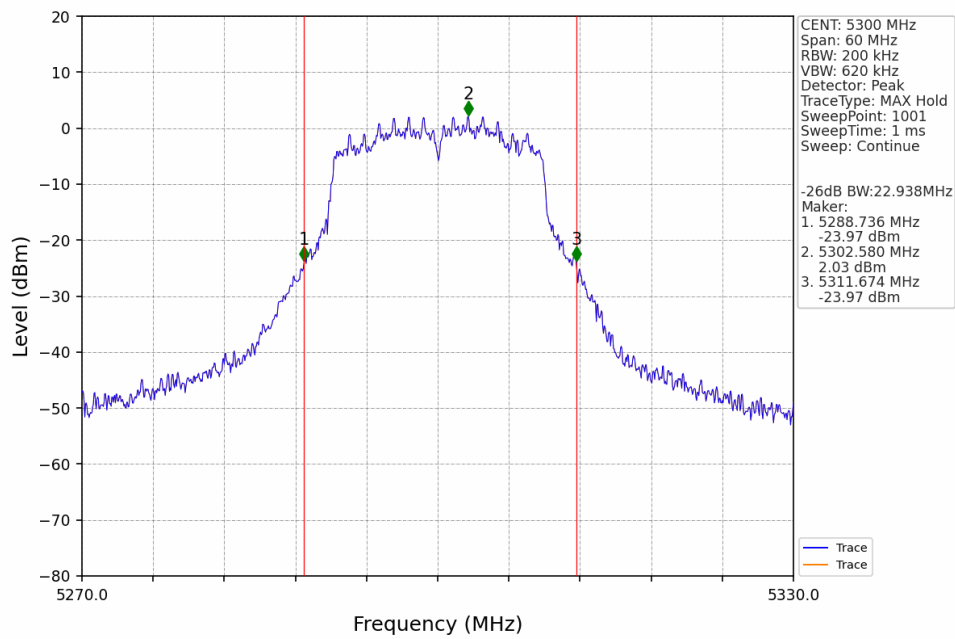
802.11a_HCH_5320MHz_Ant1_NTNV



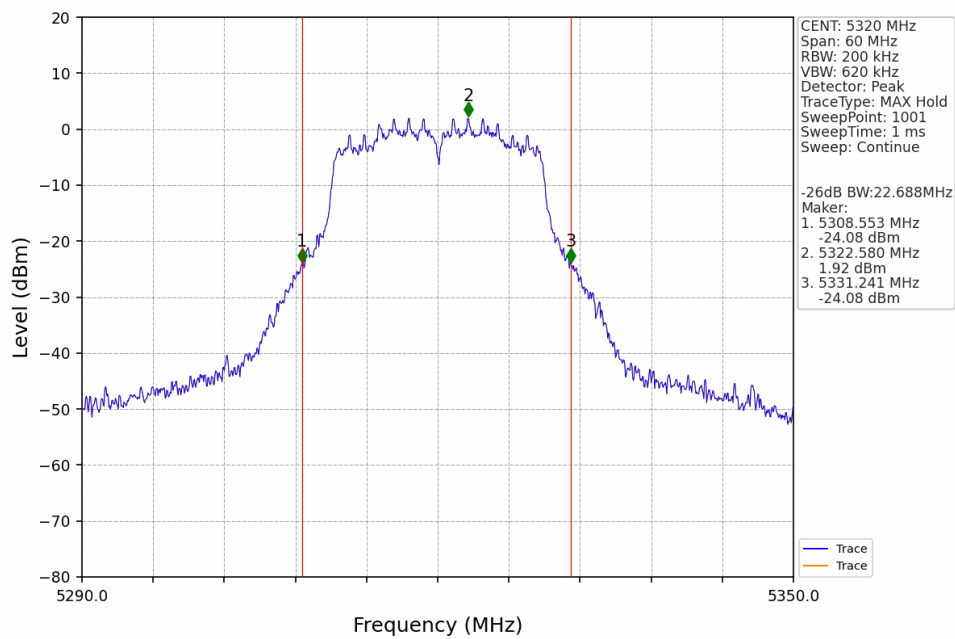
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



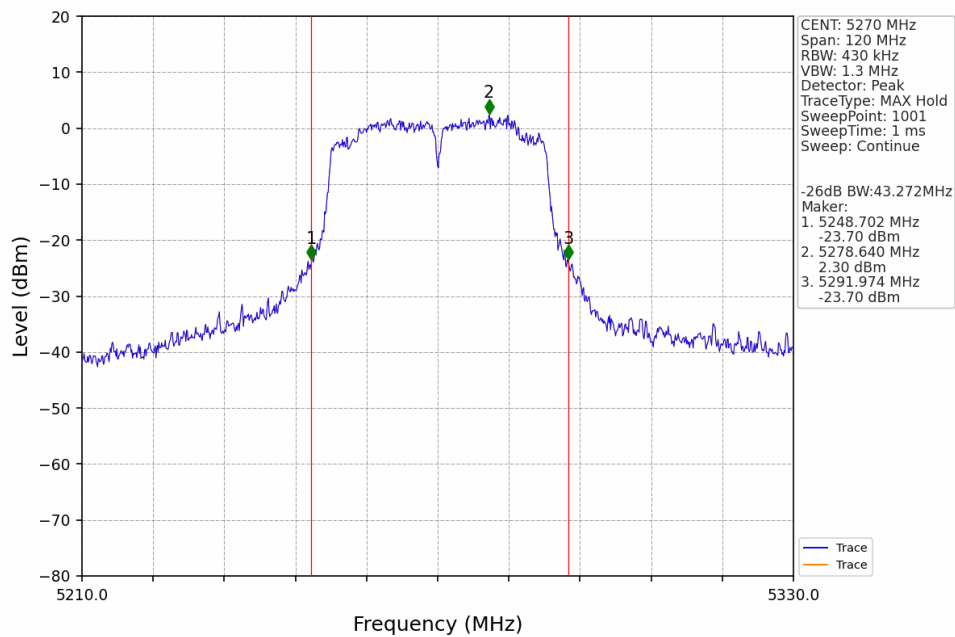
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



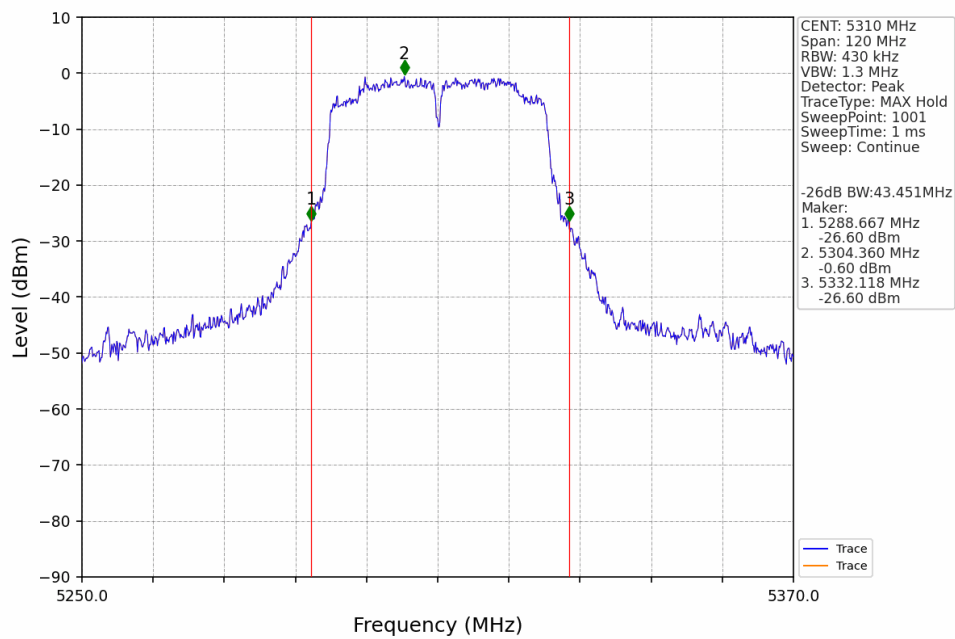
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



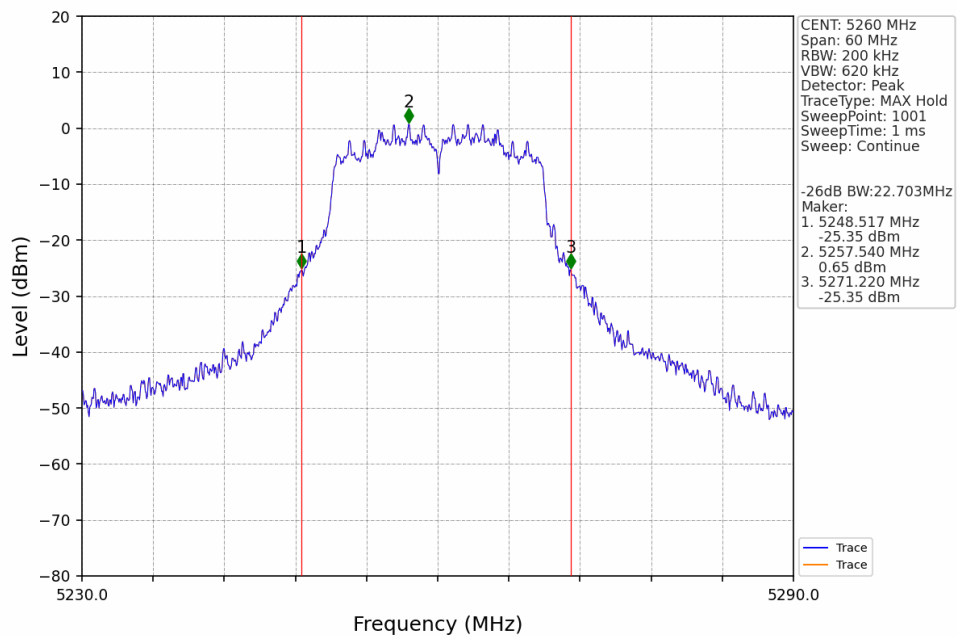
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



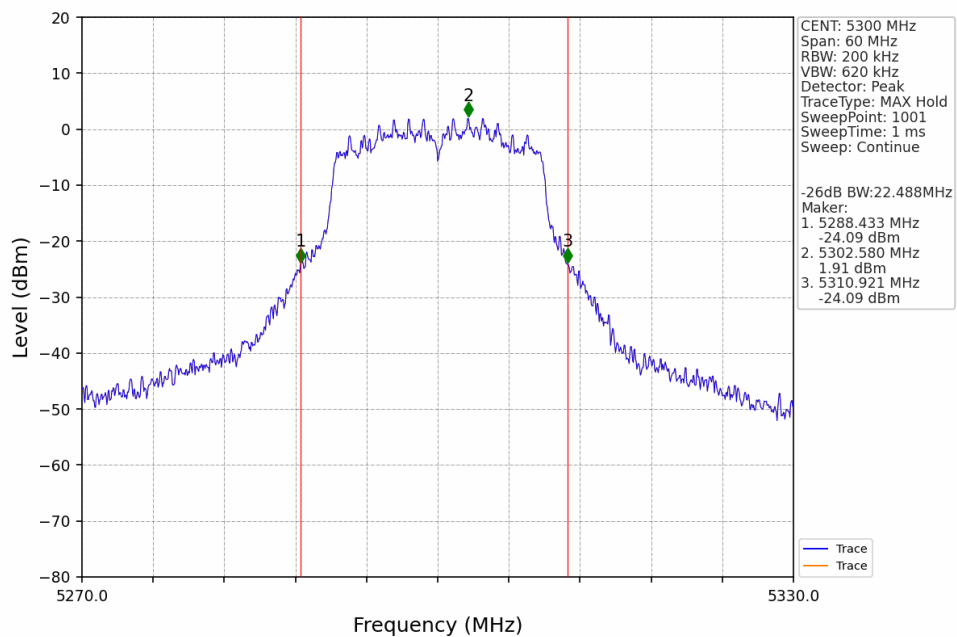
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



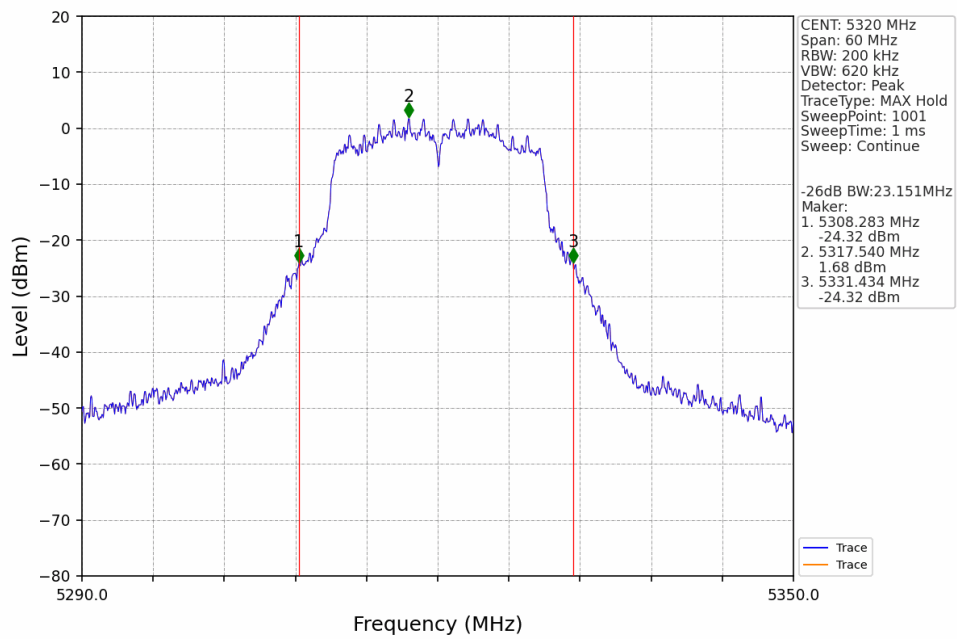
802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV



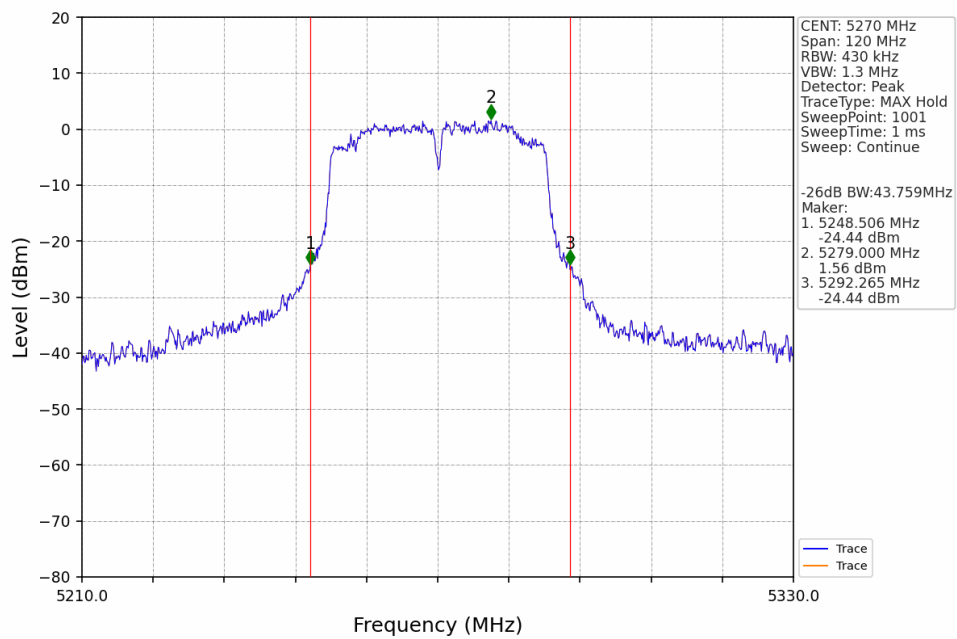
802.11ac(VHT20) MCH_5300MHz_Ant1_NTNV



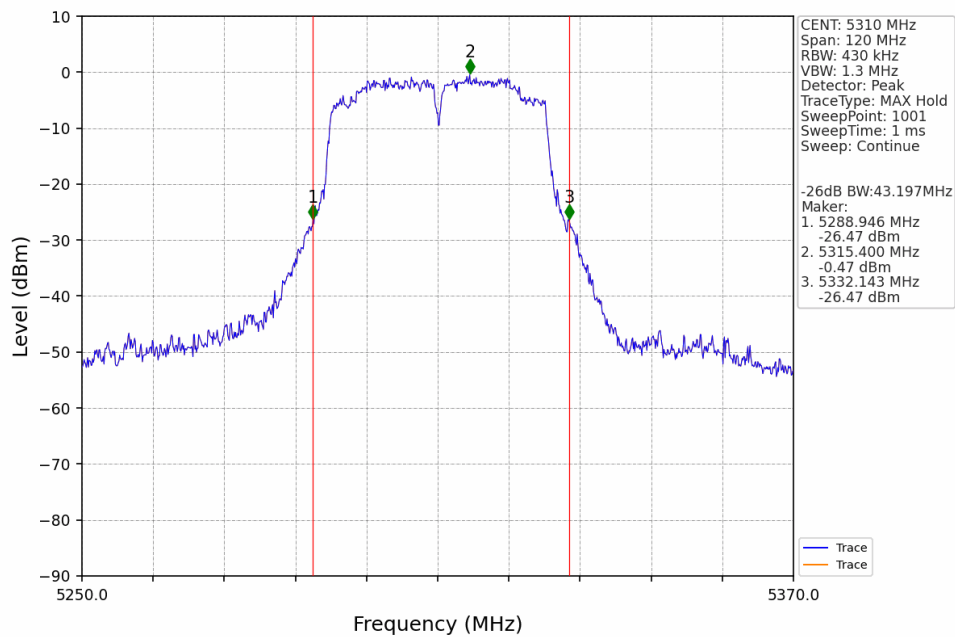
802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



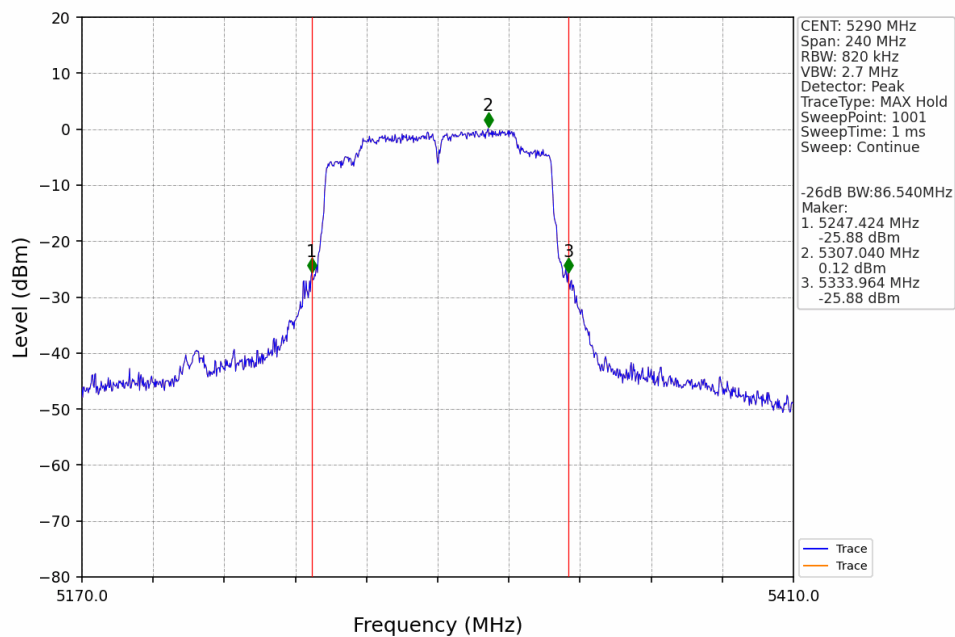
802.11ac(VHT40) LCH 5270MHz Ant1_NTNV



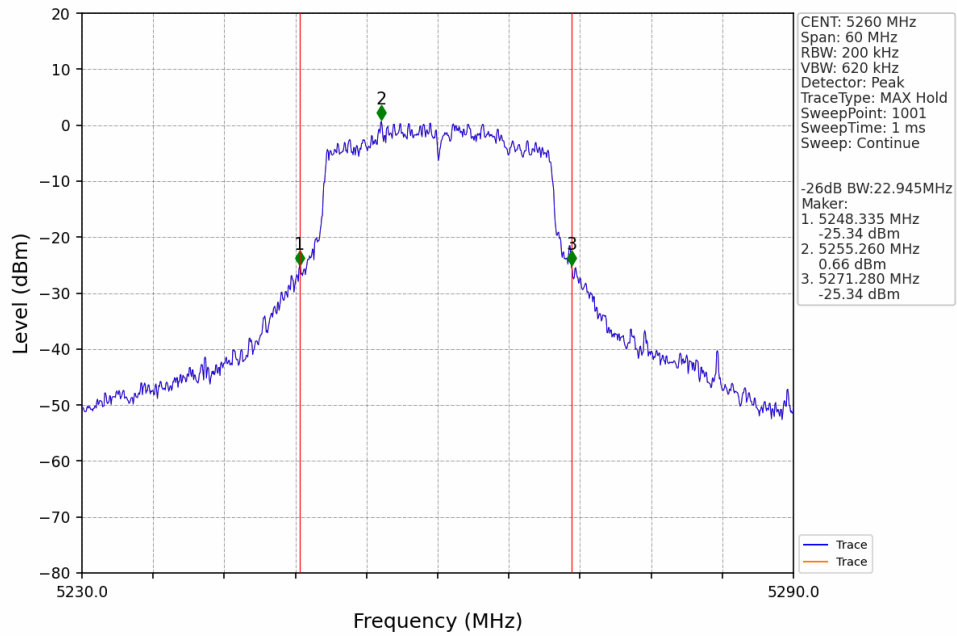
802.11ac(VHT40) HCH 5310MHz_Ant1_NTNV



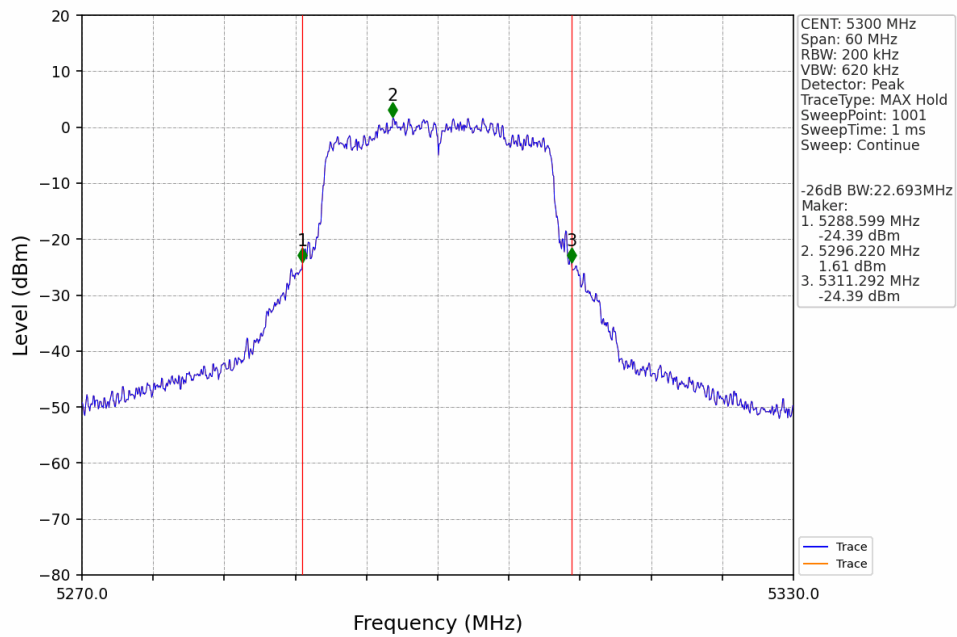
802.11ac(VHT80) MCH 5290MHz_Ant1_NTNV



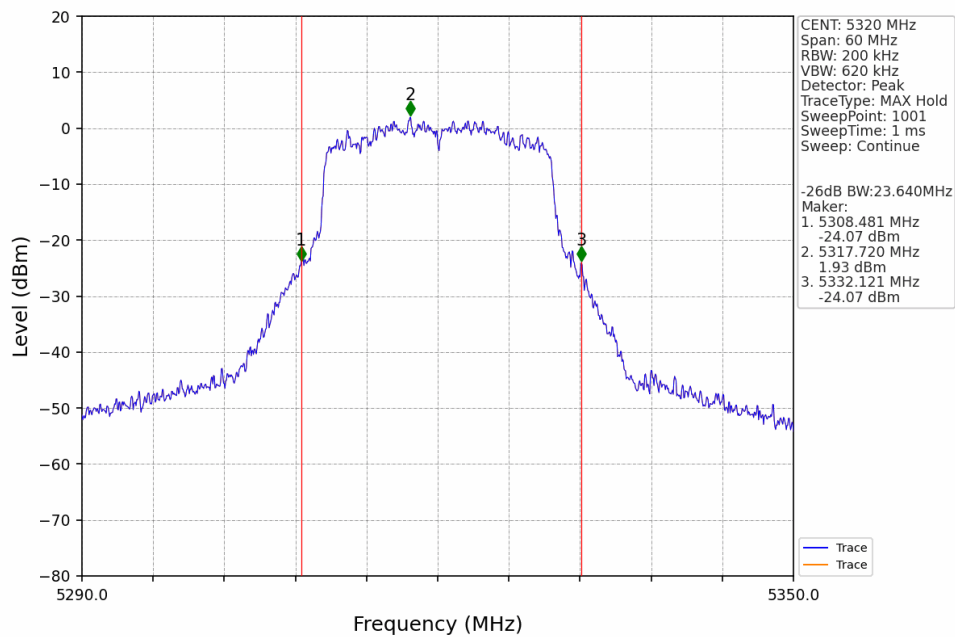
802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



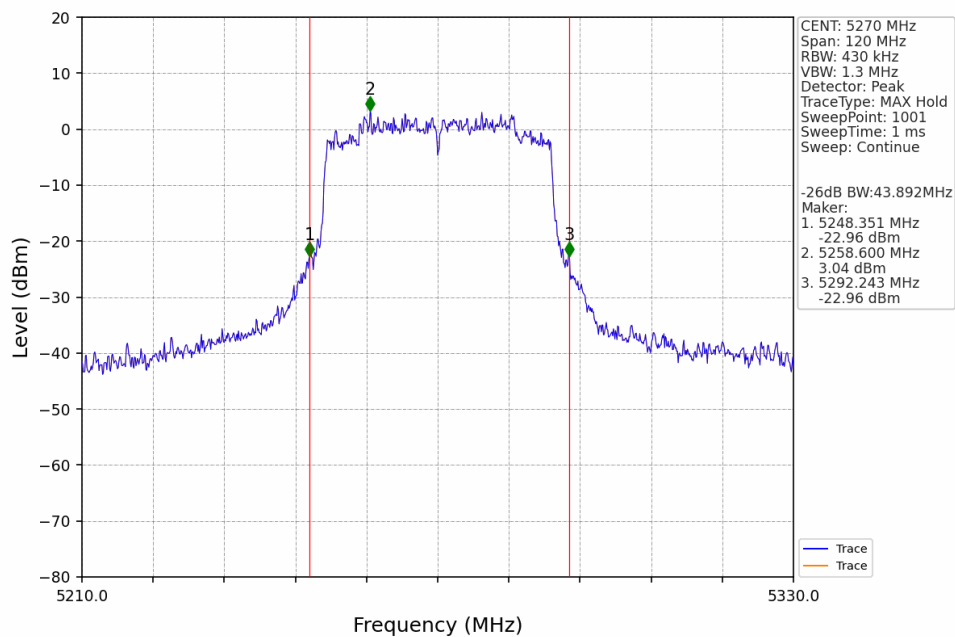
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



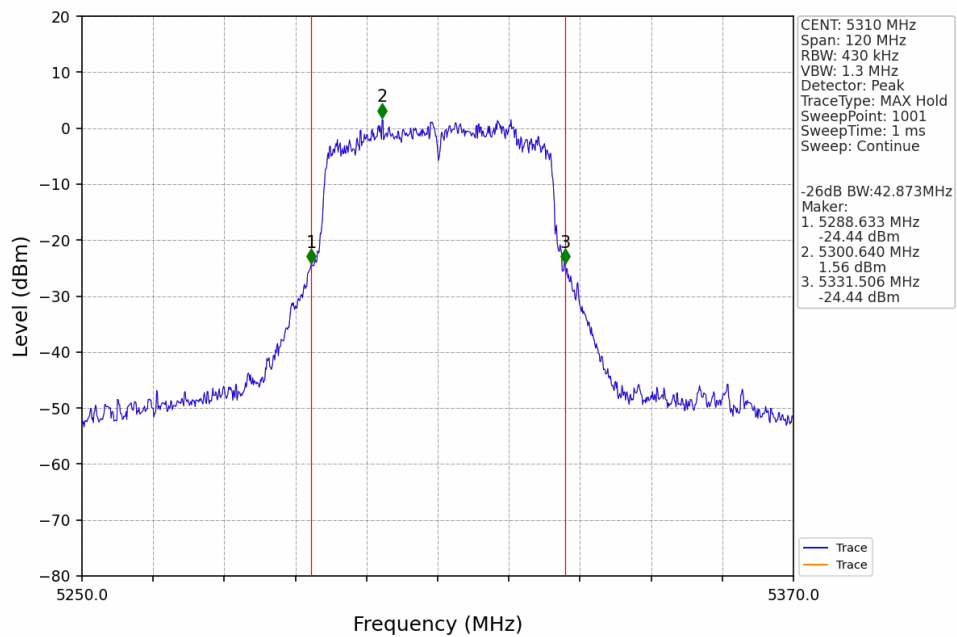
802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



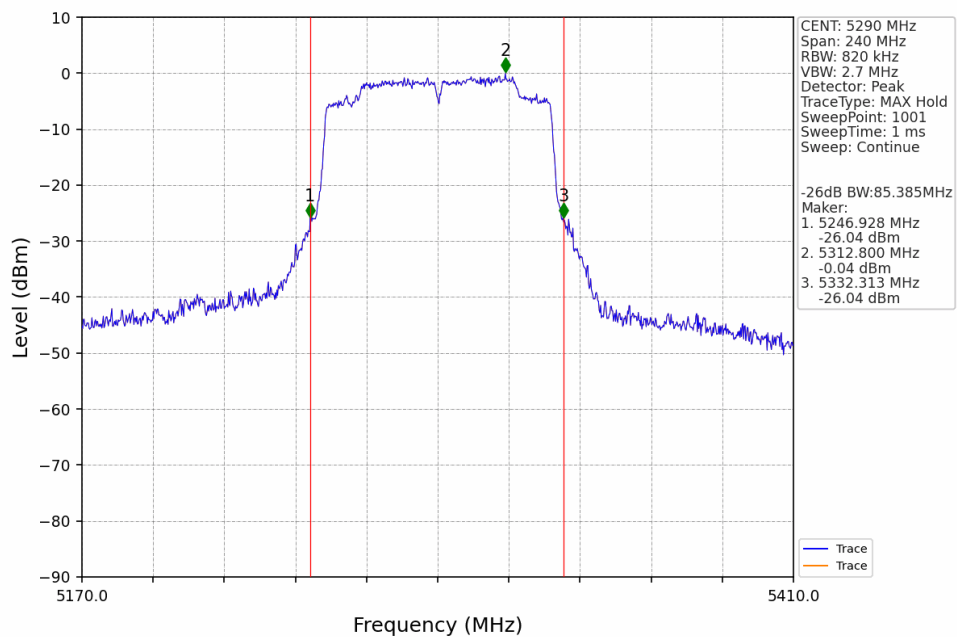
802.11ax(HEW40)_LCH_5270MHz_SU_ / Ant1_NTNV



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	/	/	9.76	<=23.98	Pass
		5300	/	/	10.91	<=23.98	Pass
		5320	/	/	10.86	<=23.98	Pass
802.11n (HT20)	SISO	5260	/	/	9.61	<=23.98	Pass
		5300	/	/	10.80	<=23.98	Pass
		5320	/	/	10.75	<=23.98	Pass
802.11n (HT40)	SISO	5270	/	/	11.94	<=23.98	Pass
		5310	/	/	9.56	<=23.98	Pass
802.11ac (VHT20)	SISO	5260	/	/	9.50	<=23.98	Pass
		5300	/	/	10.72	<=23.98	Pass
		5320	/	/	10.44	<=23.98	Pass
802.11ac (VHT40)	SISO	5270	/	/	11.73	<=23.98	Pass
		5310	/	/	9.44	<=23.98	Pass
802.11ac (VHT80)	SISO	5290	/	/	9.80	<=23.98	Pass
802.11ax (HEW20)	SISO	5260	SU	/	9.23	<=23.98	Pass
		5300	SU	/	10.45	<=23.98	Pass
		5320	SU	/	10.33	<=23.98	Pass
802.11ax (HEW40)	SISO	5270	SU	/	11.33	<=23.98	Pass
		5310	SU	/	9.63	<=23.98	Pass
802.11ax (HEW80)	SISO	5290	SU	/	10.00	<=23.98	Pass
Note1: Antenna Gain: Ant1: 1.78dBi;							

4. Maximum Power Spectral Density

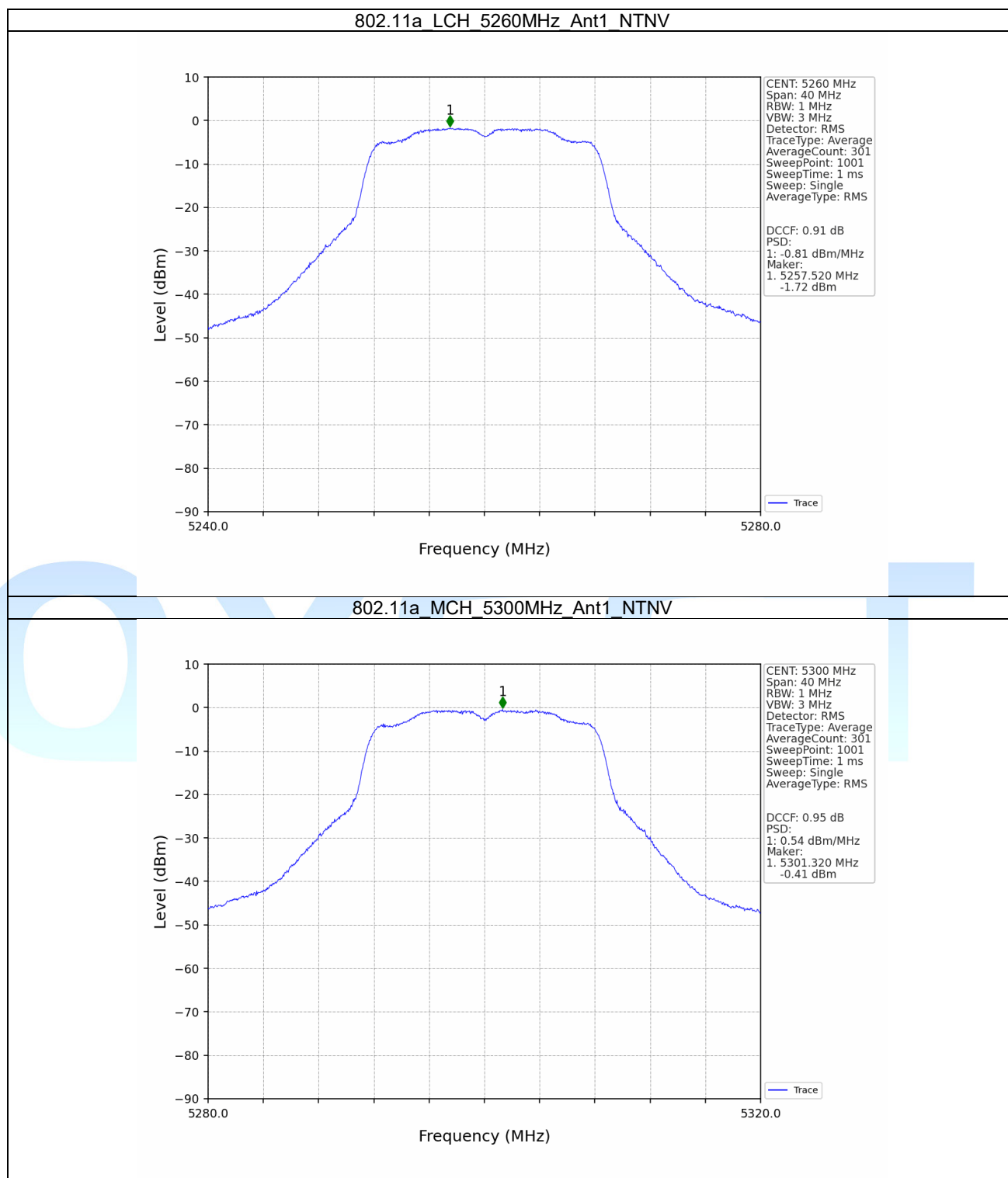
4.1 Test Result

4.1.1 PSD

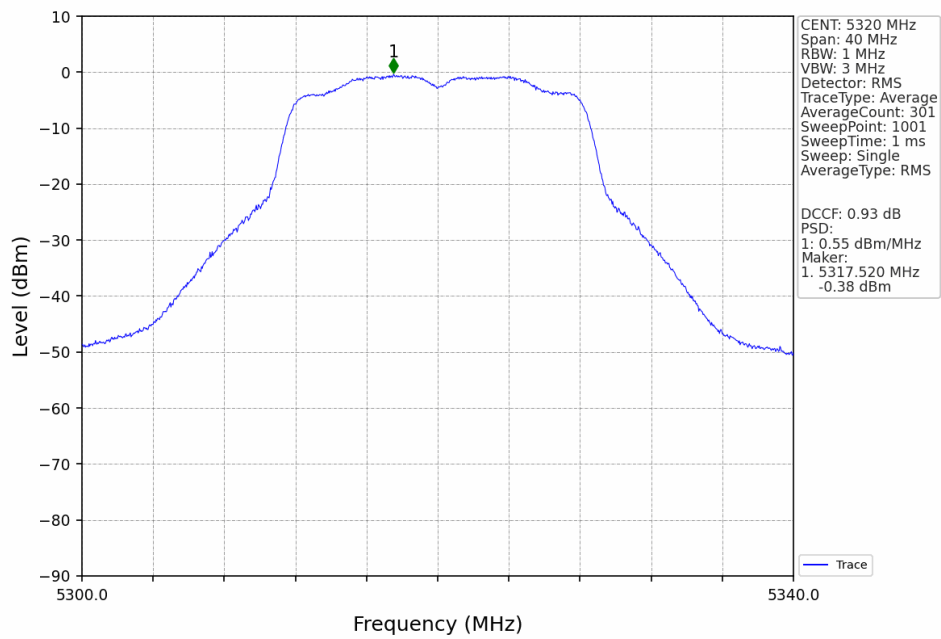
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5260	/	/	-0.81	<=11	Pass
		5300	/	/	0.54	<=11	Pass
		5320	/	/	0.55	<=11	Pass
802.11n (HT20)	SISO	5260	/	/	-1.04	<=11	Pass
		5300	/	/	0.40	<=11	Pass
		5320	/	/	0.12	<=11	Pass
802.11n (HT40)	SISO	5270	/	/	-1.98	<=11	Pass
		5310	/	/	-4.24	<=11	Pass
802.11ac (VHT20)	SISO	5260	/	/	-1.06	<=11	Pass
		5300	/	/	0.58	<=11	Pass
		5320	/	/	-0.08	<=11	Pass
802.11ac (VHT40)	SISO	5270	/	/	-1.99	<=11	Pass
		5310	/	/	-4.41	<=11	Pass
802.11ac (VHT80)	SISO	5290	/	/	-6.81	<=11	Pass
802.11ax (HEW20)	SISO	5260	SU	/	-1.54	<=11	Pass
		5300	SU	/	-0.11	<=11	Pass
		5320	SU	/	-0.44	<=11	Pass
802.11ax (HEW40)	SISO	5270	SU	/	-2.58	<=11	Pass
		5310	SU	/	-4.62	<=11	Pass
802.11ax (HEW80)	SISO	5290	SU	/	-6.77	<=11	Pass
Note1: Antenna Gain: Ant1: 1.78dBi;							

4.2 Test Graph

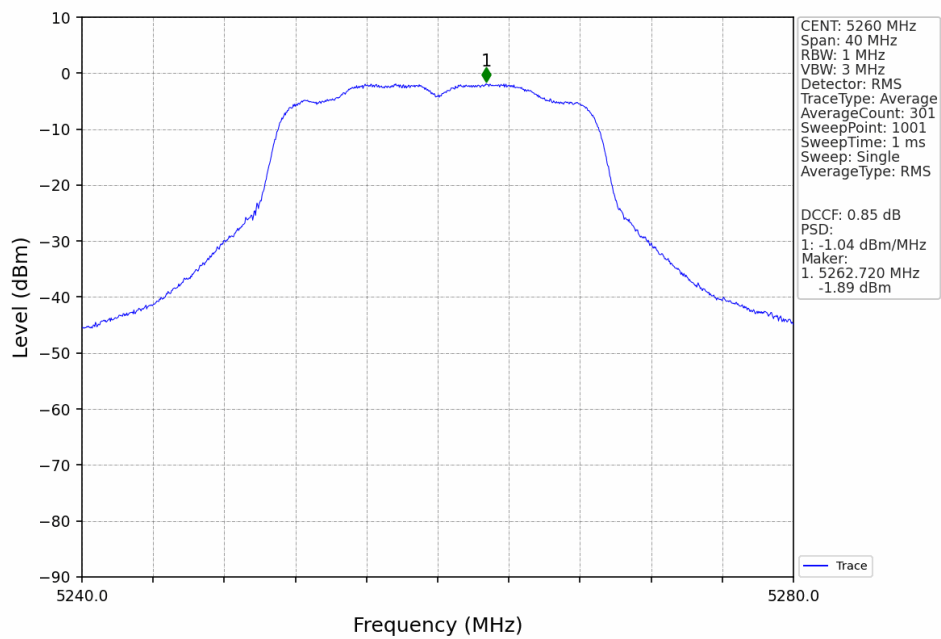
4.2.1 PSD



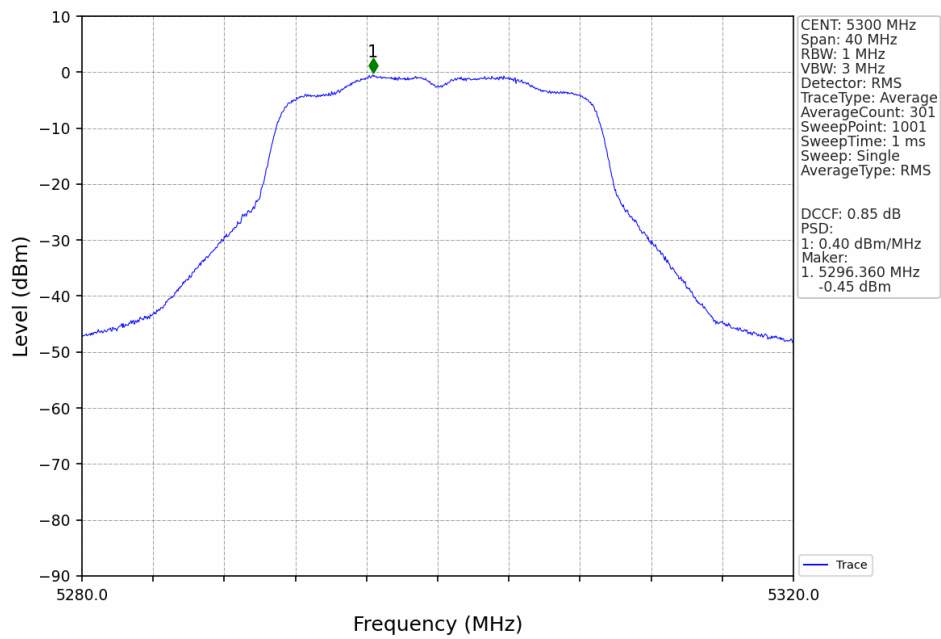
802.11a_HCH_5320MHz_Ant1_NTNV



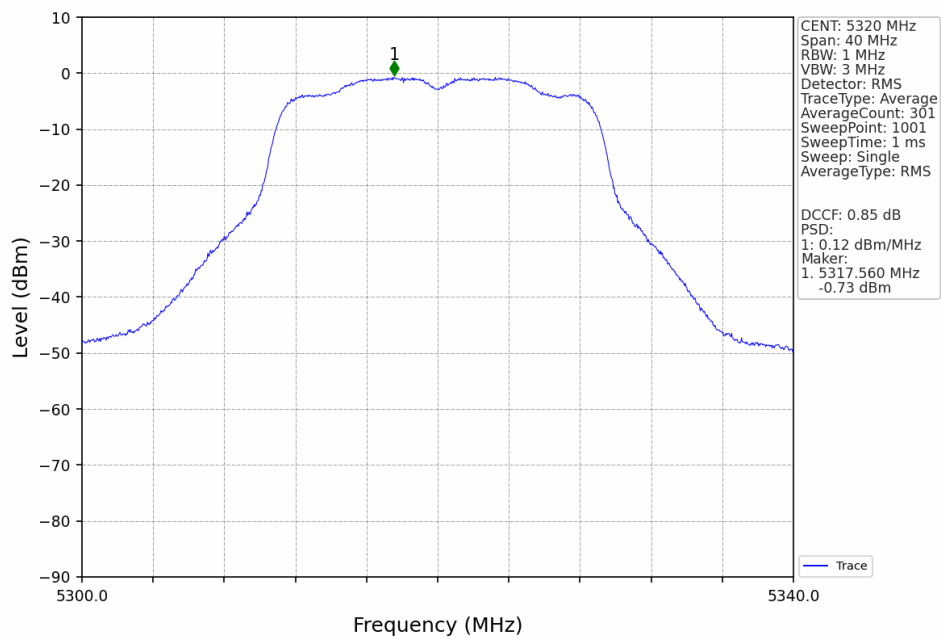
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



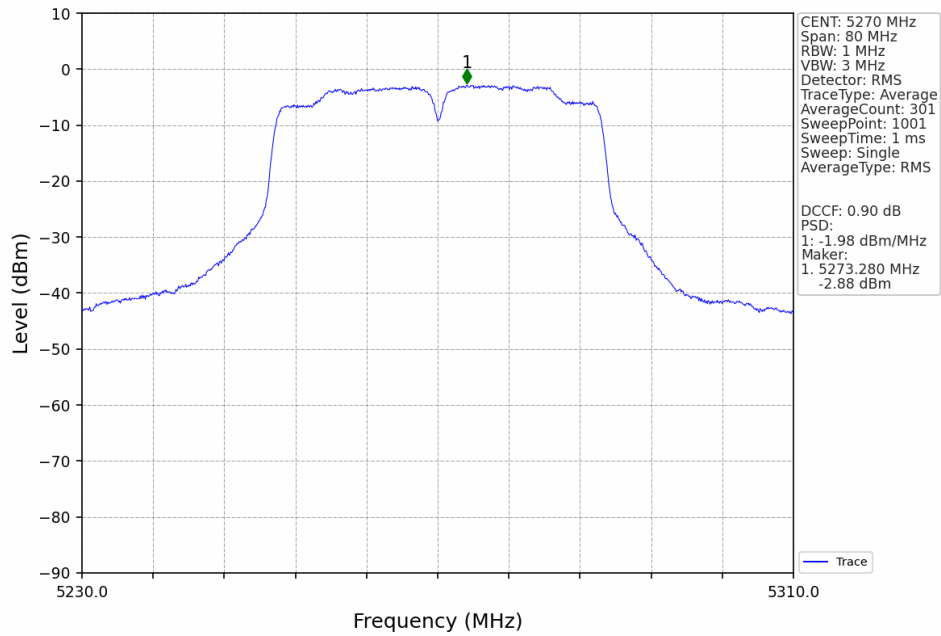
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



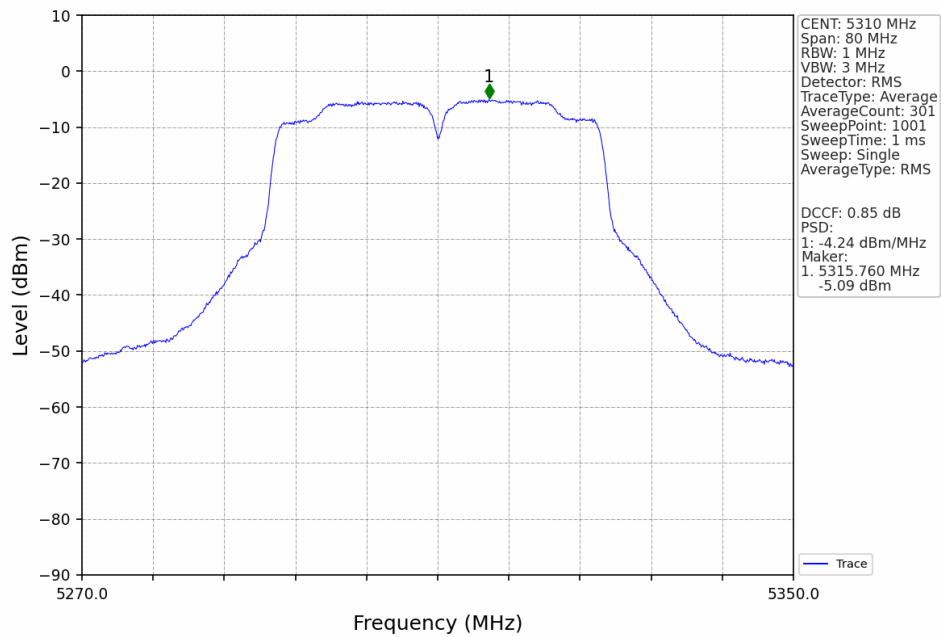
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



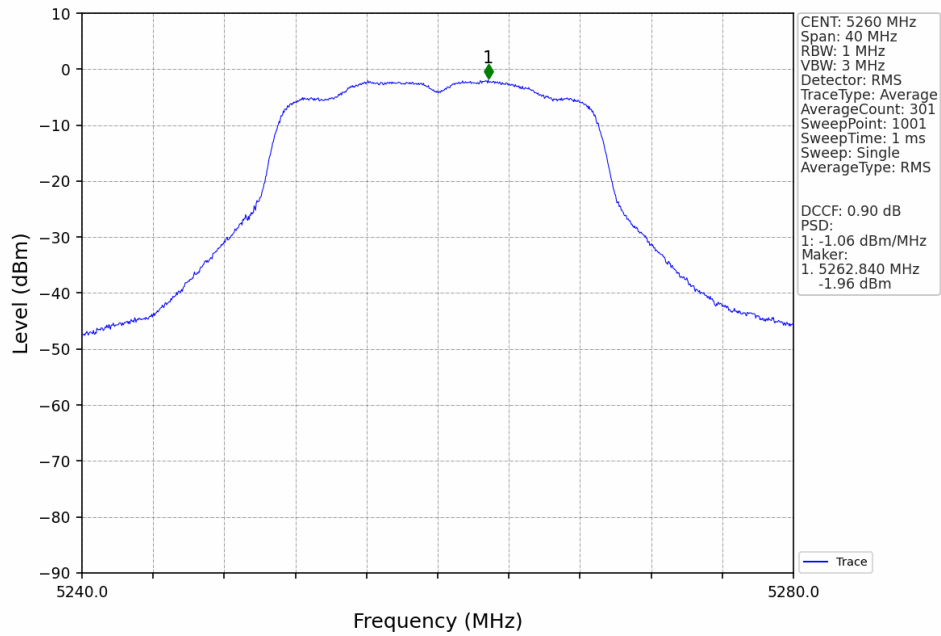
802.11n(HT40) LCH 5270MHz_Ant1_NTNV



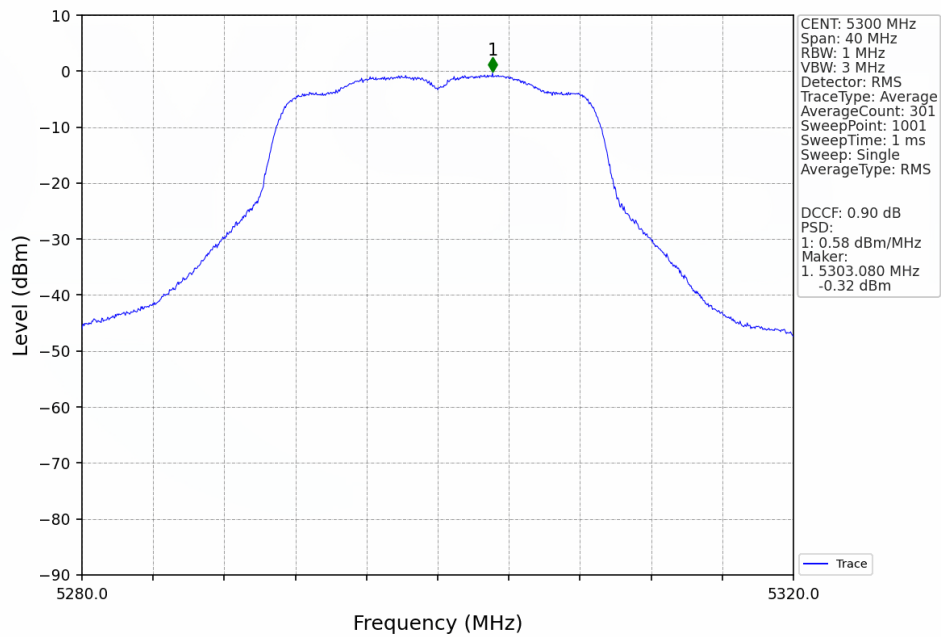
802.11n(HT40) HCH 5310MHz_Ant1_NTNV



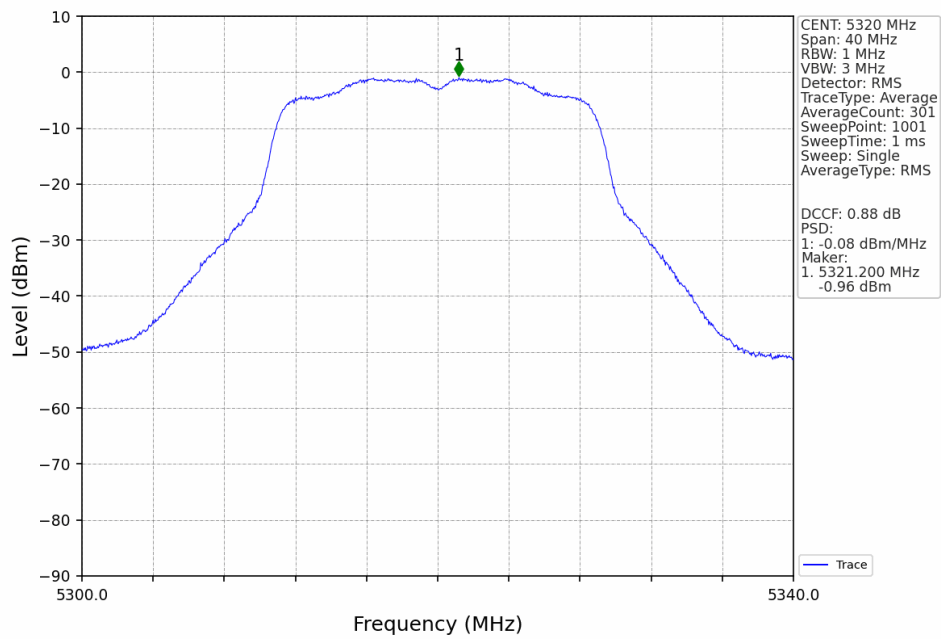
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



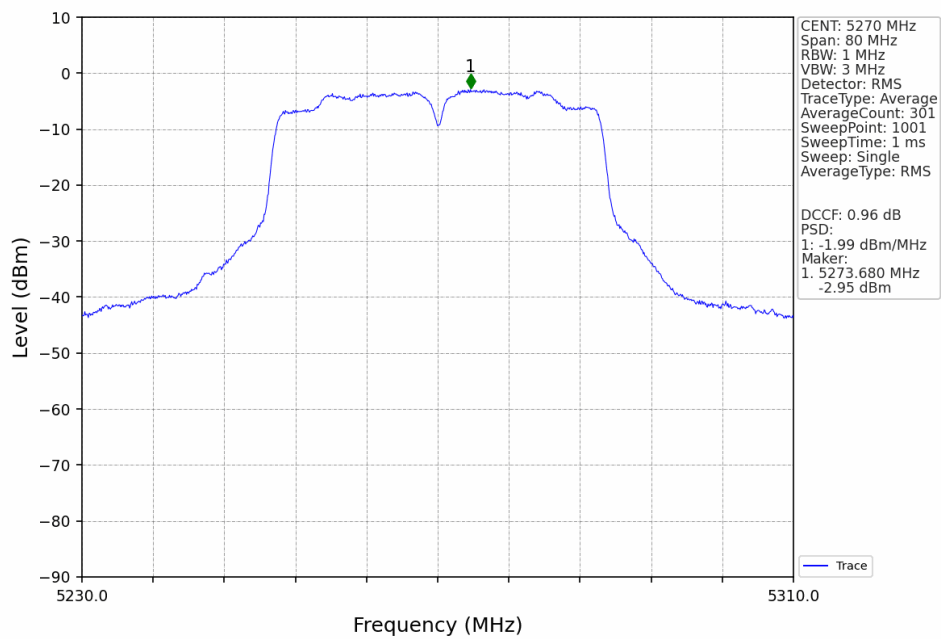
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



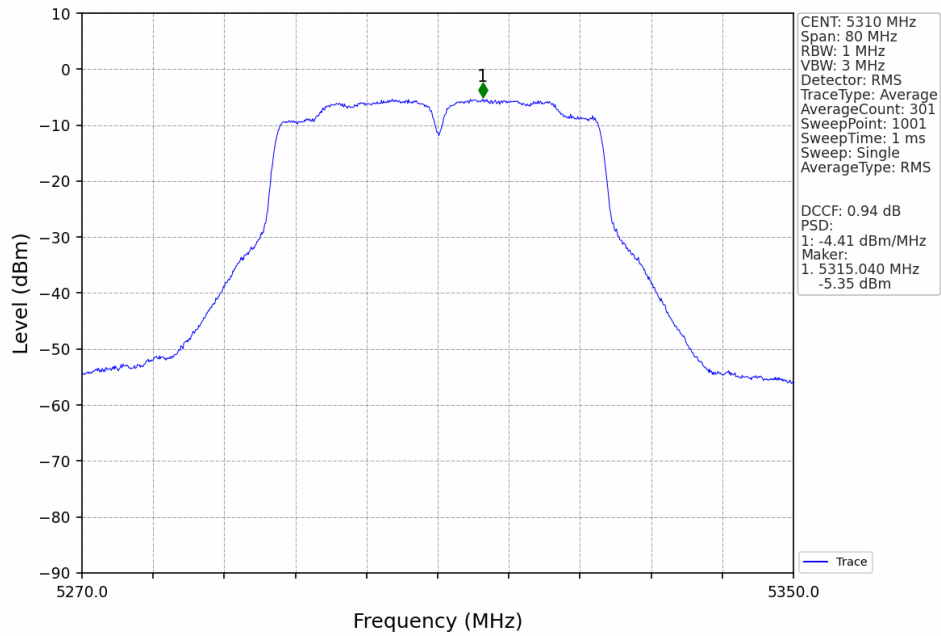
802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



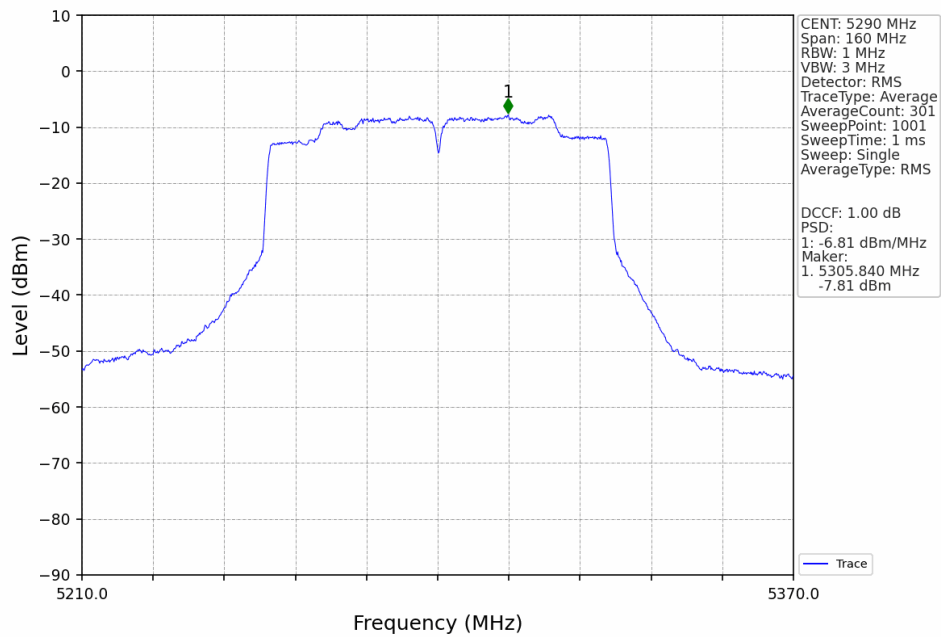
802.11ac(VHT40) LCH 5270MHz Ant1_NTNV



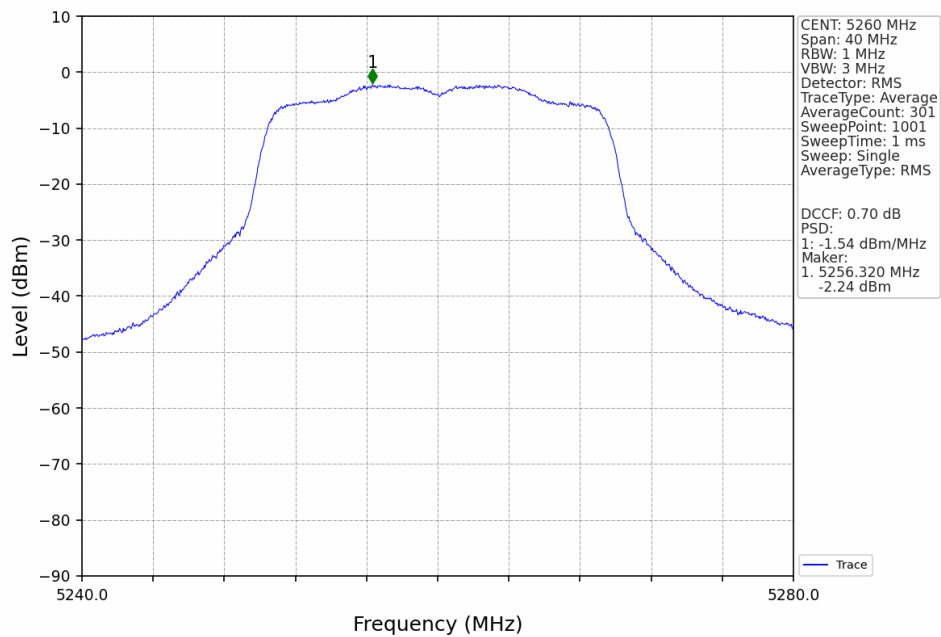
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



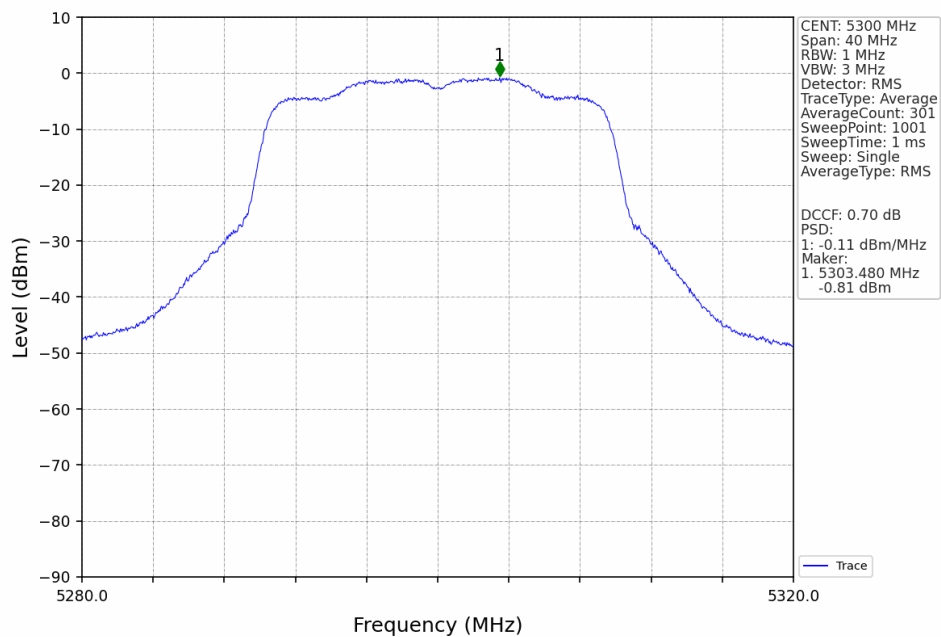
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



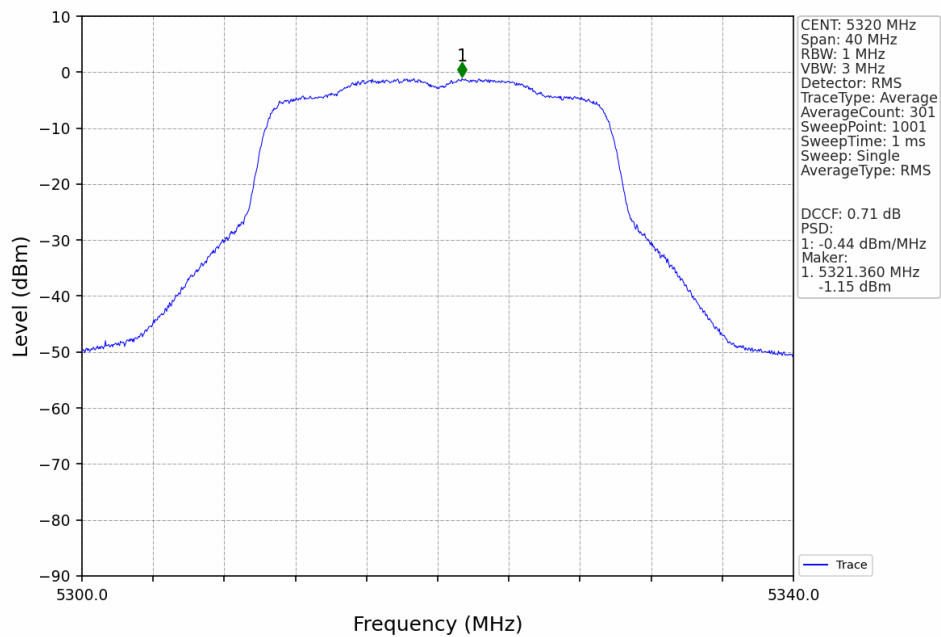
802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



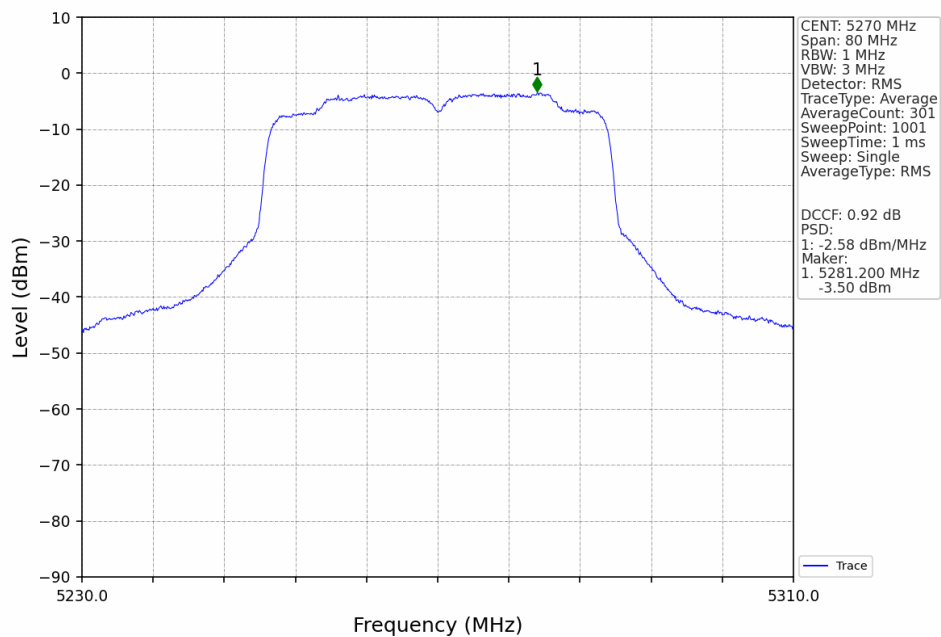
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



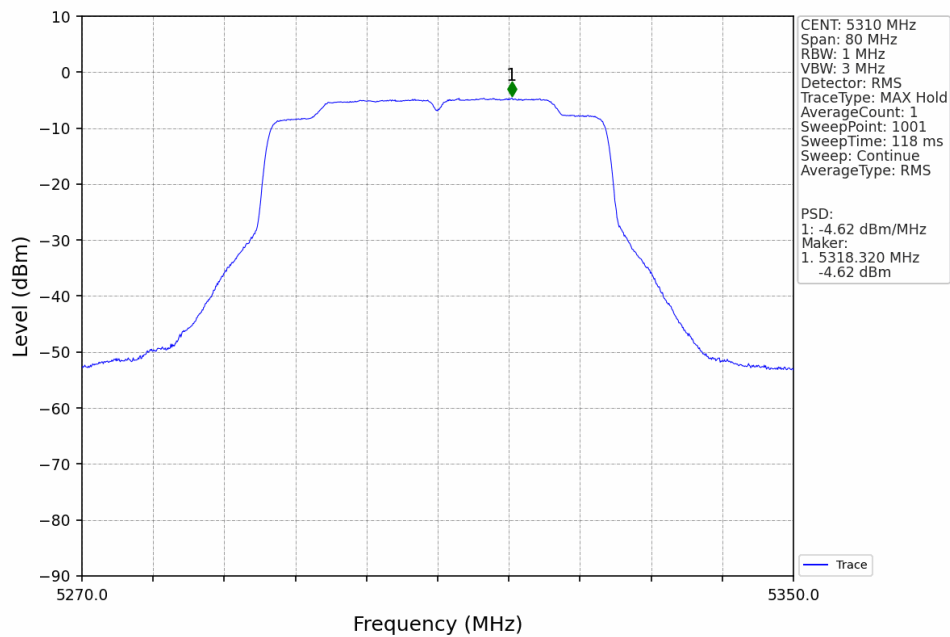
802.11ax(HEW20)_HCH_5320MHz_SU / Ant1_NTNV



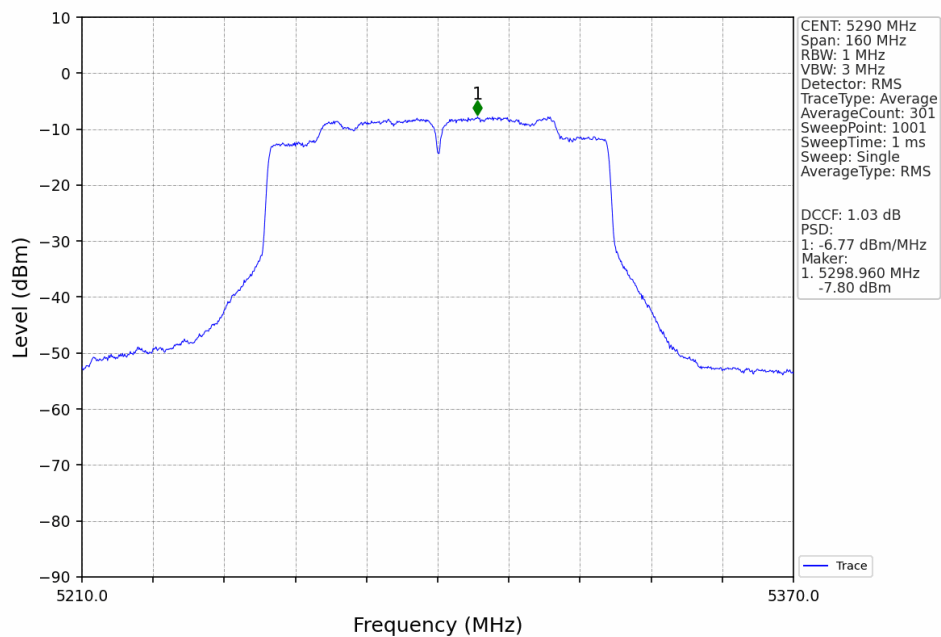
802.11ax(HEW40)_LCH_5270MHz_SU / Ant1_NTNV



802.11ax(HEW40)_HCH_5310MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

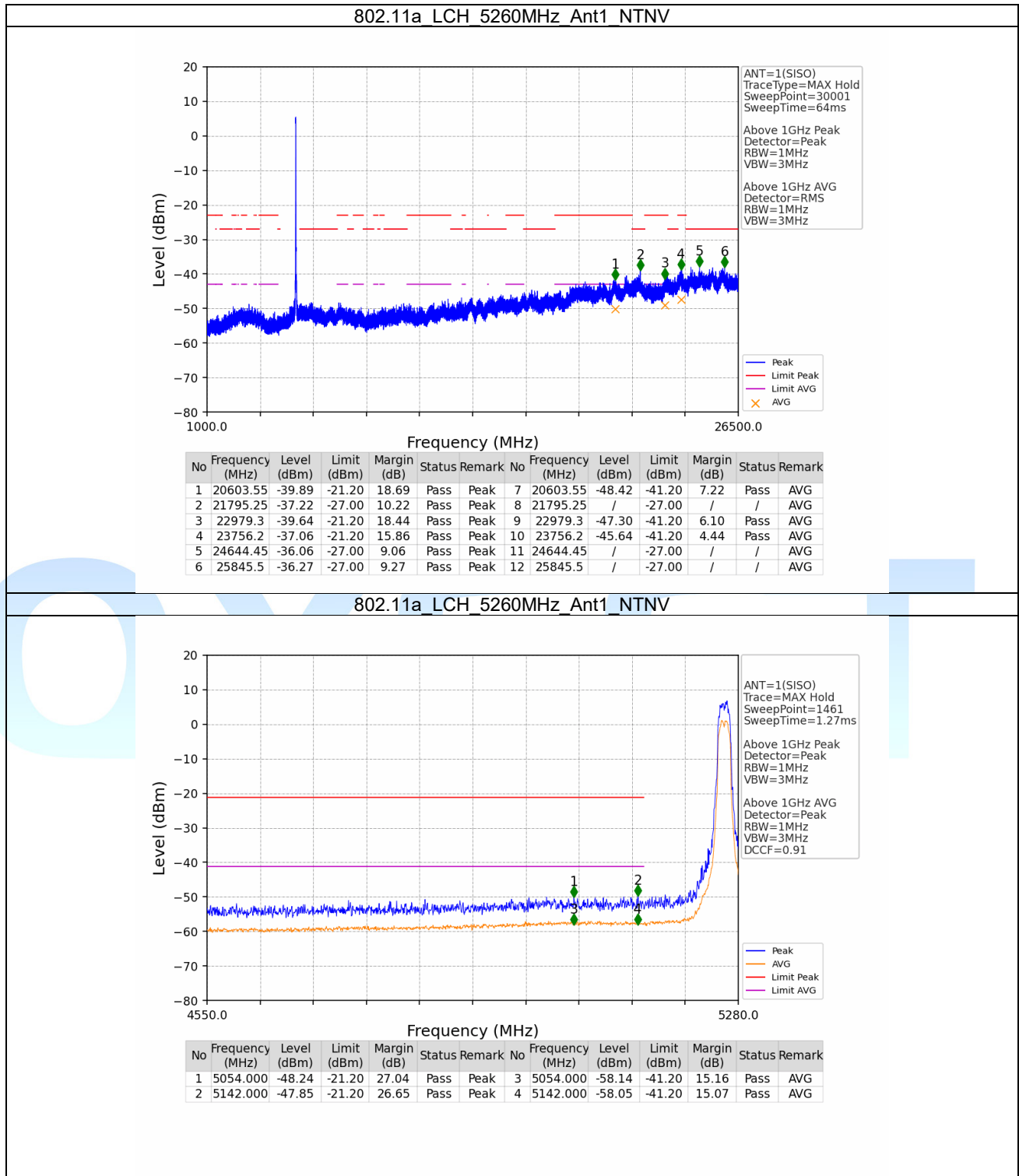
5.1 Test Result

5.1.1 RSE

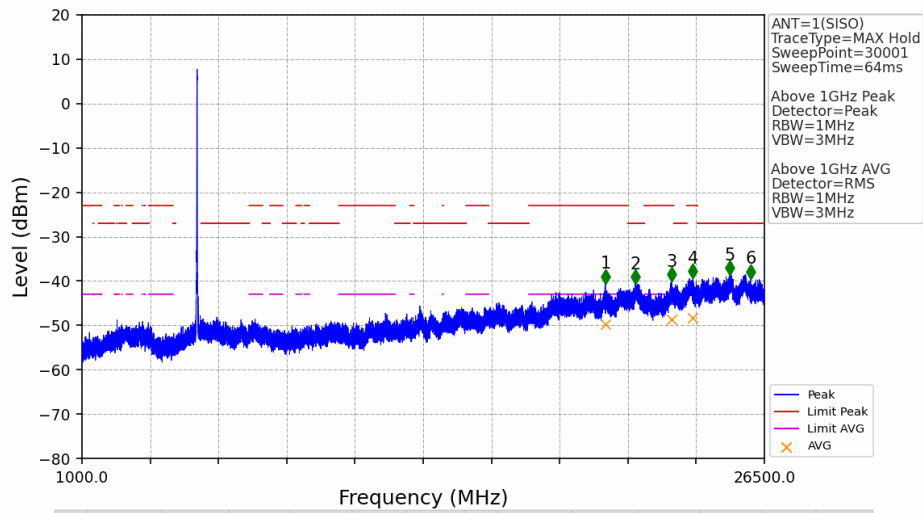
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5260	/	/	1	Refer To Test Graph		Pass
		5300	/	/	1	Refer To Test Graph		Pass
		5320	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5260	/	/	1	Refer To Test Graph		Pass
		5300	/	/	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
Note1: level contains DCCF and antenna gain								
Note2: Margin=Limit- level								

5.2 Test Graph

5.2.1 RSE

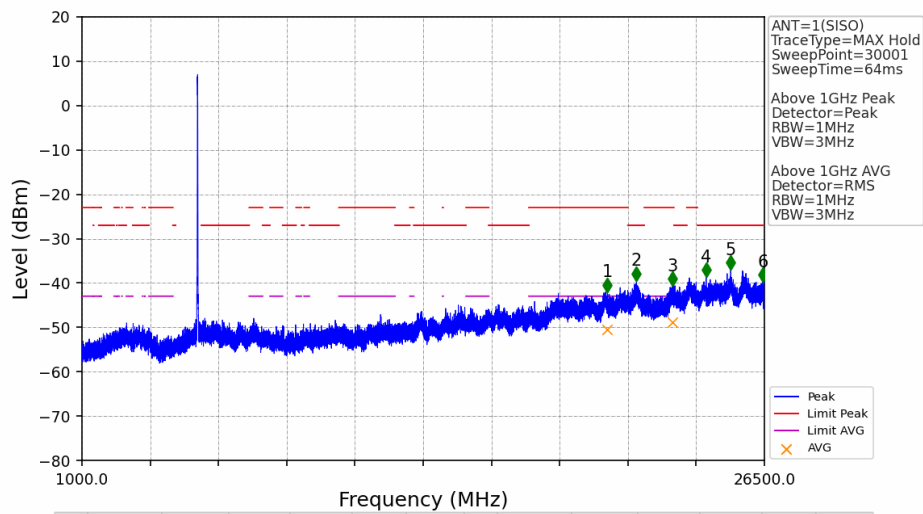


802.11a_MCH_5300MHz_Ant1_NTNV



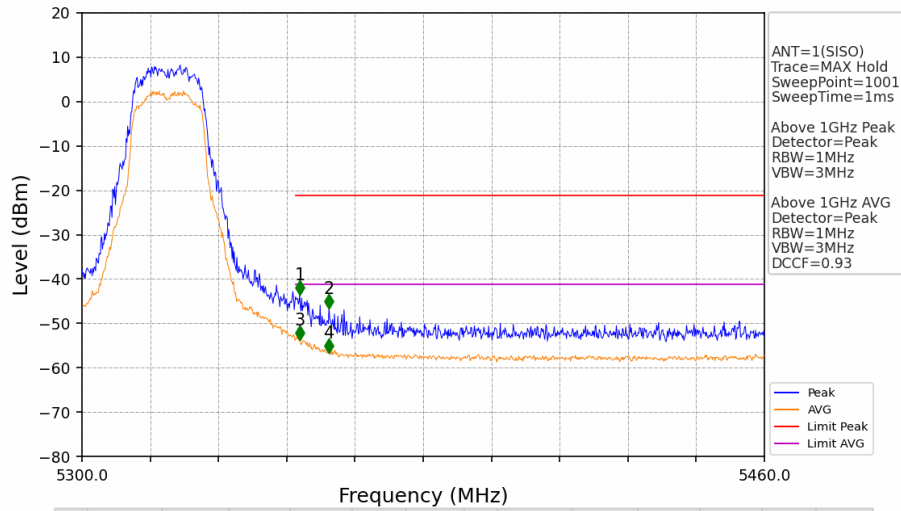
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20558.5	-38.73	-21.20	17.53	Pass	Peak	7	20558.5	-48.01	-41.20	6.81	Pass	AVG
2	21675.4	-38.85	-27.00	11.85	Pass	Peak	8	21675.4	/	-27.00	/	/	AVG
3	23031.15	-38.28	-21.20	17.08	Pass	Peak	9	23031.15	-46.91	-41.20	5.71	Pass	AVG
4	23825.9	-37.59	-21.20	16.39	Pass	Peak	10	23825.9	-46.53	-41.20	5.33	Pass	AVG
5	25192.7	-36.74	-27.00	9.74	Pass	Peak	11	25192.7	/	-27.00	/	/	AVG
6	25982.35	-37.63	-27.00	10.63	Pass	Peak	12	25982.35	/	-27.00	/	/	AVG

802.11a_HCH_5320MHz_Ant1_NTNV

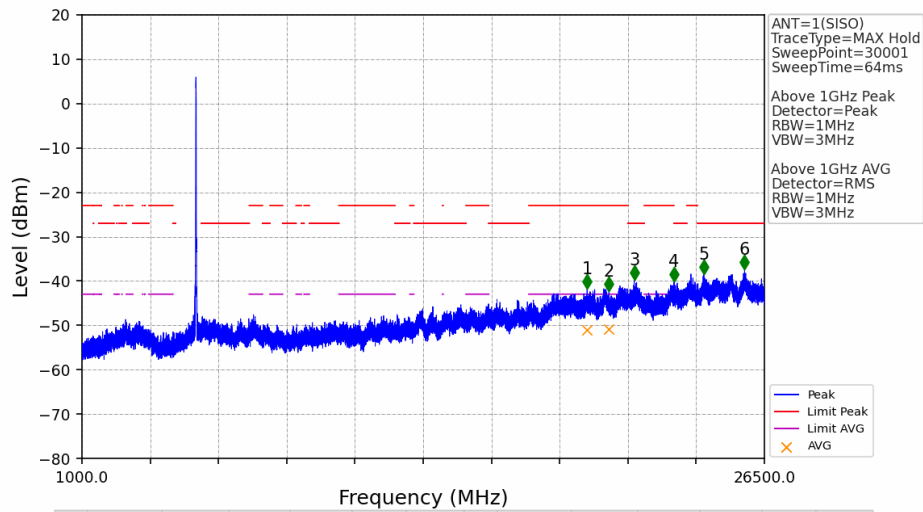


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20634.15	-40.19	-21.20	18.99	Pass	Peak	7	20634.15	-48.77	-41.20	7.57	Pass	AVG
2	21720.45	-37.64	-27.00	10.64	Pass	Peak	8	21720.45	/	-27.00	/	/	AVG
3	23049.85	-38.77	-21.20	17.57	Pass	Peak	9	23049.85	-47.08	-41.20	5.88	Pass	AVG
4	24324	-36.84	-27.00	9.84	Pass	Peak	10	24324	/	-27.00	/	/	AVG
5	25240.3	-35.10	-27.00	8.10	Pass	Peak	11	25240.3	/	-27.00	/	/	AVG
6	26432.85	-37.87	-27.00	10.87	Pass	Peak	12	26432.85	/	-27.00	/	/	AVG

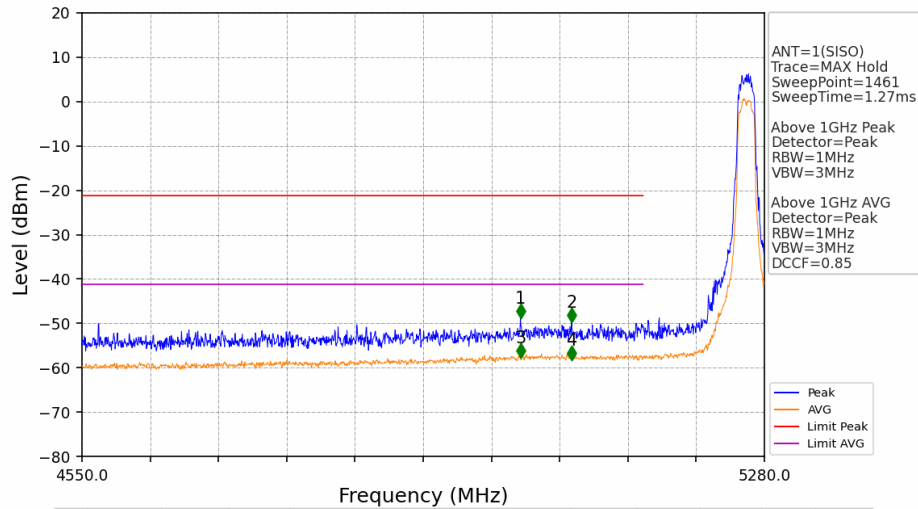
802.11a_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV

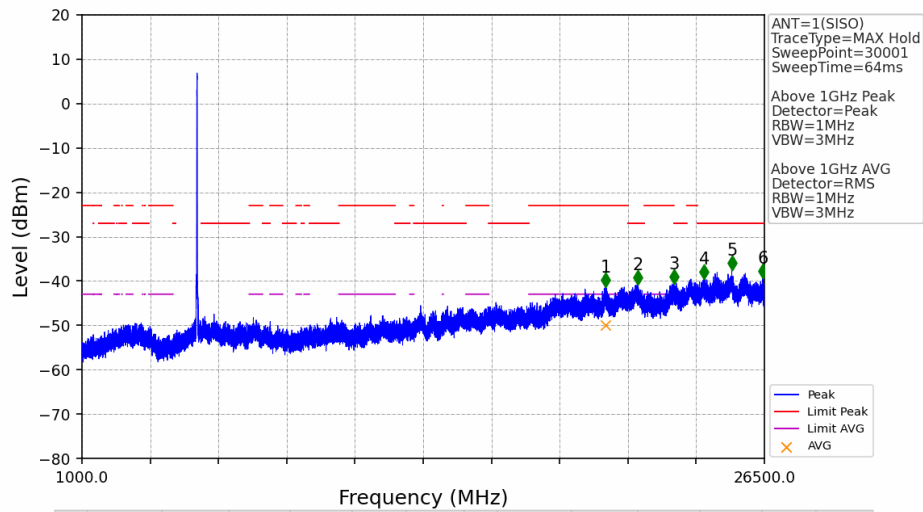


802.11n(HT20) LCH_5260MHz_Ant1_NTNV



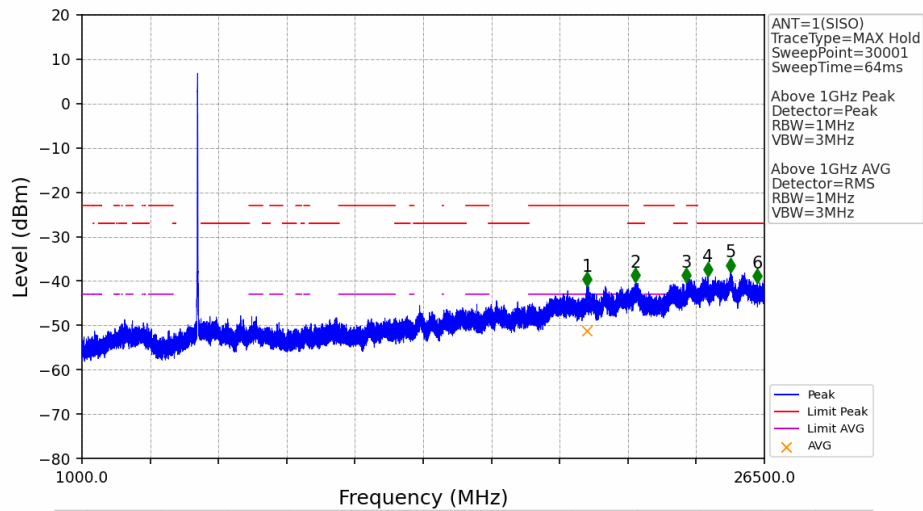
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5019.000	-46.96	-21.20	25.76	Pass Peak	3	5019.000	-57.80	-41.20	14.82	Pass AVG
2	5074.000	-47.98	-21.20	26.78	Pass Peak	4	5074.000	-58.27	-41.20	15.29	Pass AVG

802.11n(HT20) MCH_5300MHz_Ant1_NTNV

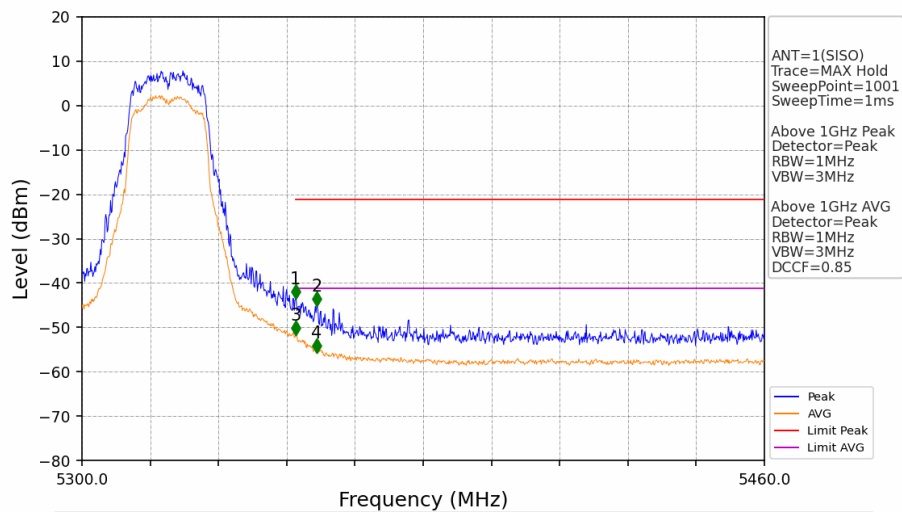


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20564.45	-39.50	-21.20	18.30	Pass Peak	7	20564.45	-48.15	-41.20	6.95	Pass AVG
2	21776.55	-39.04	-27.00	12.04	Pass Peak	8	21776.55	/	-27.00	/	/ AVG
3	23120.4	-38.76	-27.00	11.76	Pass Peak	9	23120.4	/	-27.00	/	/ AVG
4	24245.8	-37.74	-27.00	10.74	Pass Peak	10	24245.8	/	-27.00	/	/ AVG
5	25280.25	-35.73	-27.00	8.72	Pass Peak	11	25280.25	/	-27.00	/	/ AVG
6	26441.35	-37.53	-27.00	10.53	Pass Peak	12	26441.35	/	-27.00	/	/ AVG

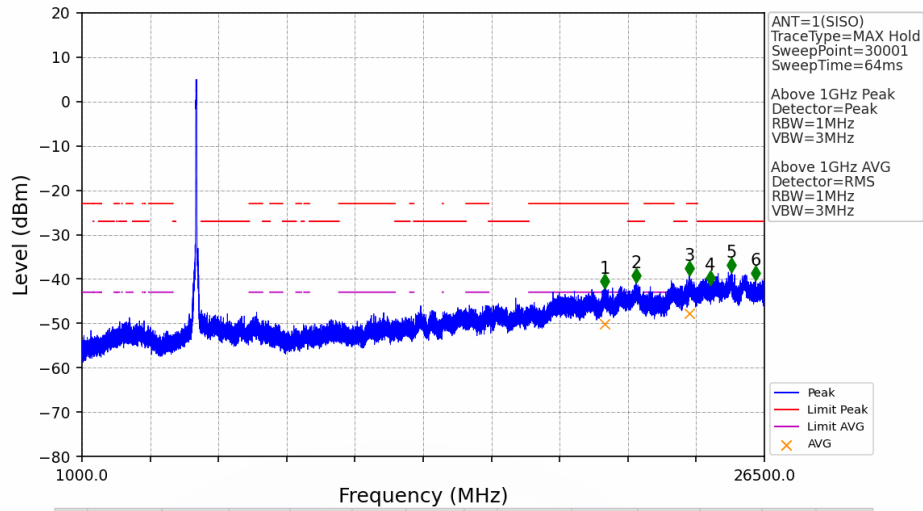
802.11n(HT20) HCH 5320MHz_Ant1_NTNV



802.11n(HT20) HCH 5320MHz_Ant1_NTNV

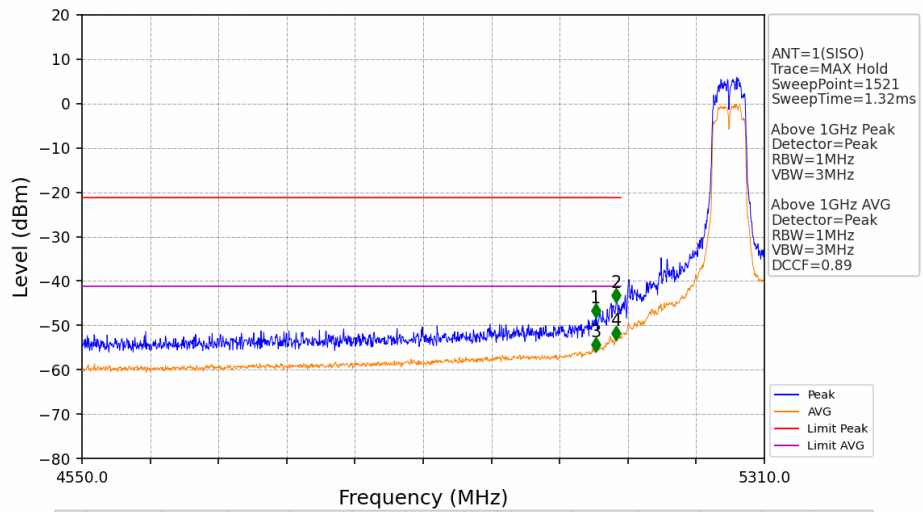


802.11n(HT40) LCH_5270MHz_Ant1_NTNV



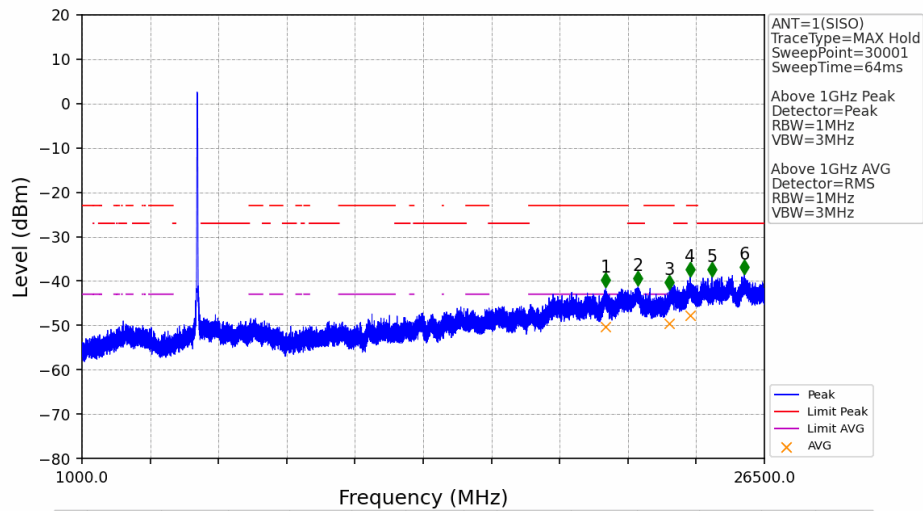
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20528.75	-40.23	-21.20	19.03	Pass	Peak	7	20528.75	-48.32	-41.20	7.12	Pass	AVG
2	21706.85	-38.94	-27.00	11.94	Pass	Peak	8	21706.85	/	-27.00	/	/	AVG
3	23695	-37.42	-21.20	16.22	Pass	Peak	9	23695	-46.04	-41.20	4.84	Pass	AVG
4	24468.5	-39.62	-27.00	12.62	Pass	Peak	10	24468.5	/	-27.00	/	/	AVG
5	25268.35	-36.57	-27.00	9.57	Pass	Peak	11	25268.35	/	-27.00	/	/	AVG
6	26160	-38.39	-27.00	11.39	Pass	Peak	12	26160	/	-27.00	/	/	AVG

802.11n(HT40) LCH_5270MHz_Ant1_NTNV



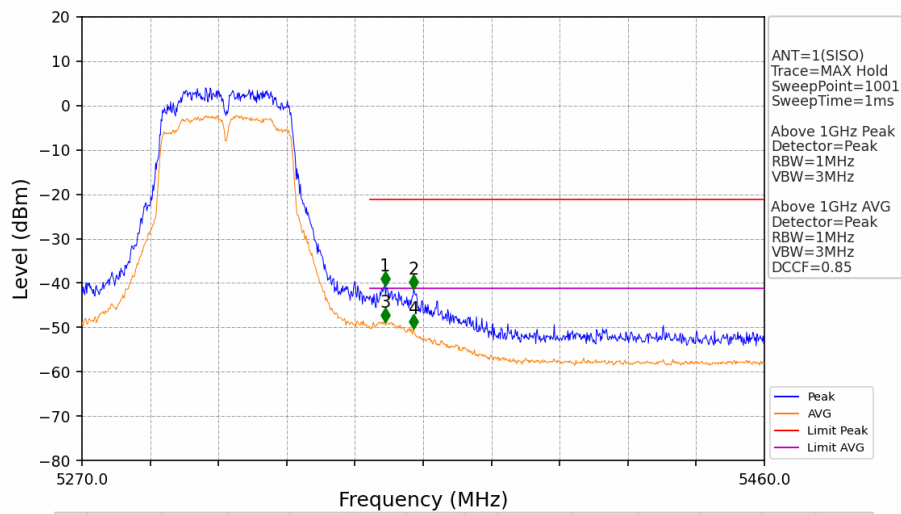
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5122.000	-46.45	-21.20	25.25	Pass	Peak	3	5122.000	-55.89	-41.20	12.91	Pass	AVG
2	5145.000	-43.02	-21.20	21.82	Pass	Peak	4	5145.000	-53.31	-41.20	10.33	Pass	AVG

802.11n(HT40) HCH 5310MHz_Ant1_NTNV



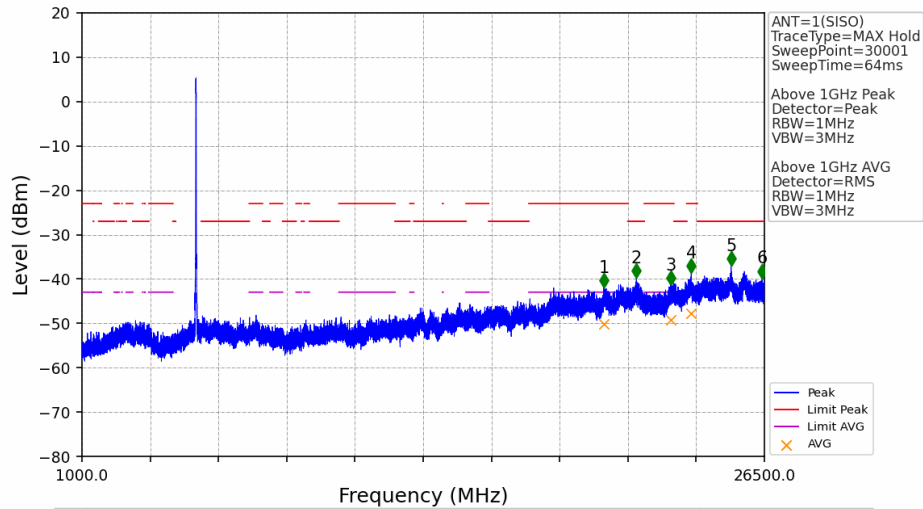
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20574.65	-39.58	-21.20	18.38	Pass	Peak	7	20574.65	-48.46	-41.20	7.26	Pass	AVG
2	21780.8	-39.25	-27.00	12.25	Pass	Peak	8	21780.8	/	-27.00	/	/	AVG
3	22954.65	-40.10	-21.20	18.90	Pass	Peak	9	22954.65	-47.72	-41.20	6.52	Pass	AVG
4	23726.45	-37.20	-21.20	16.00	Pass	Peak	10	23726.45	-45.99	-41.20	4.79	Pass	AVG
5	24539.9	-37.10	-27.00	10.10	Pass	Peak	11	24539.9	/	-27.00	/	/	AVG
6	25751.15	-36.57	-27.00	9.57	Pass	Peak	12	25751.15	/	-27.00	/	/	AVG

802.11n(HT40) HCH 5310MHz_Ant1_NTNV



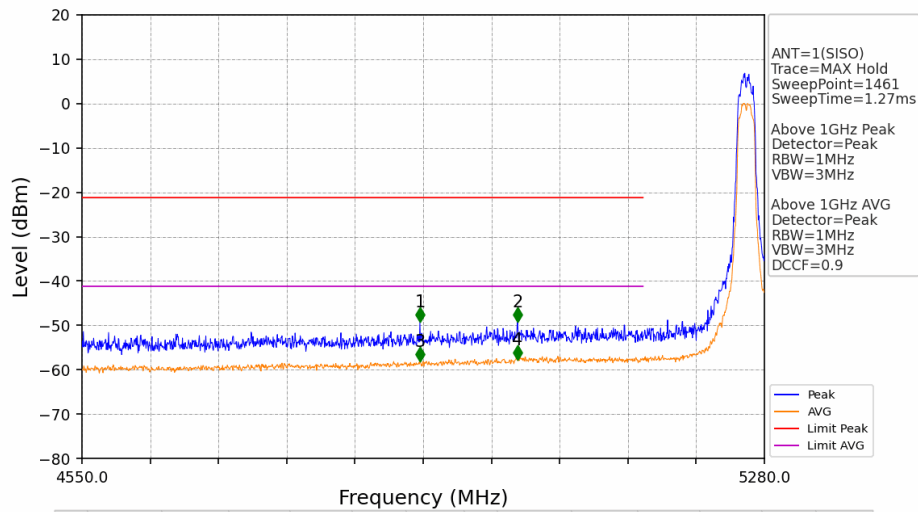
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5354.360	-38.80	-21.20	17.60	Pass	Peak	3	5354.360	-48.84	-41.20	5.87	Pass	AVG
2	5362.340	-39.61	-21.20	18.41	Pass	Peak	4	5362.340	-50.22	-41.20	7.24	Pass	AVG

802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



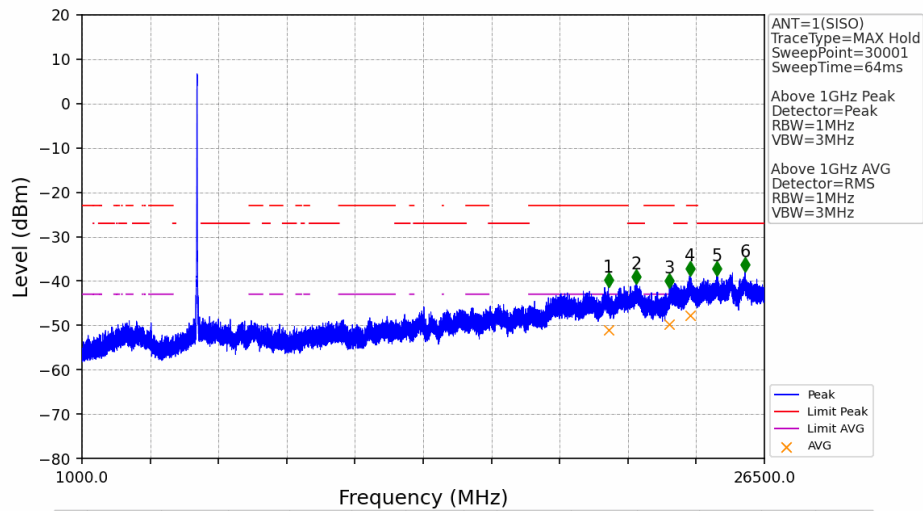
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20516	-40.06	-21.20	18.86	Pass	Peak	7	20516	-48.34	-41.20	7.14	Pass	AVG
2	21717.05	-37.98	-27.00	10.98	Pass	Peak	8	21717.05	/	-27.00	/	/	AVG
3	22997.15	-39.57	-21.20	18.37	Pass	Peak	9	22997.15	-47.35	-41.20	6.15	Pass	AVG
4	23766.4	-36.80	-21.20	15.60	Pass	Peak	10	23766.4	-45.90	-41.20	4.70	Pass	AVG
5	25255.6	-35.26	-27.00	8.26	Pass	Peak	11	25255.6	/	-27.00	/	/	AVG
6	26415	-38.00	-27.00	11.00	Pass	Peak	12	26415	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



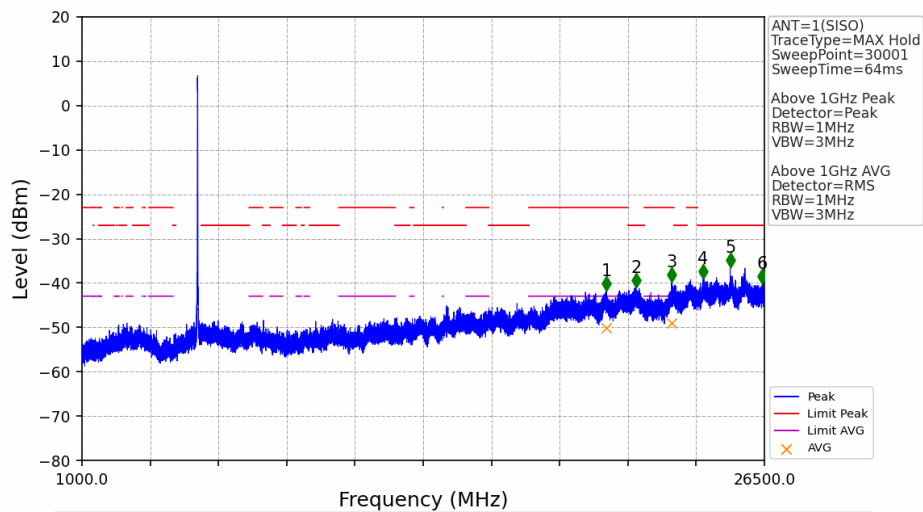
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4911.500	-47.46	-21.20	26.26	Pass	Peak	3	4911.500	-58.01	-41.20	15.03	Pass	AVG
2	5016.000	-47.45	-21.20	26.25	Pass	Peak	4	5016.000	-57.67	-41.20	14.69	Pass	AVG

802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



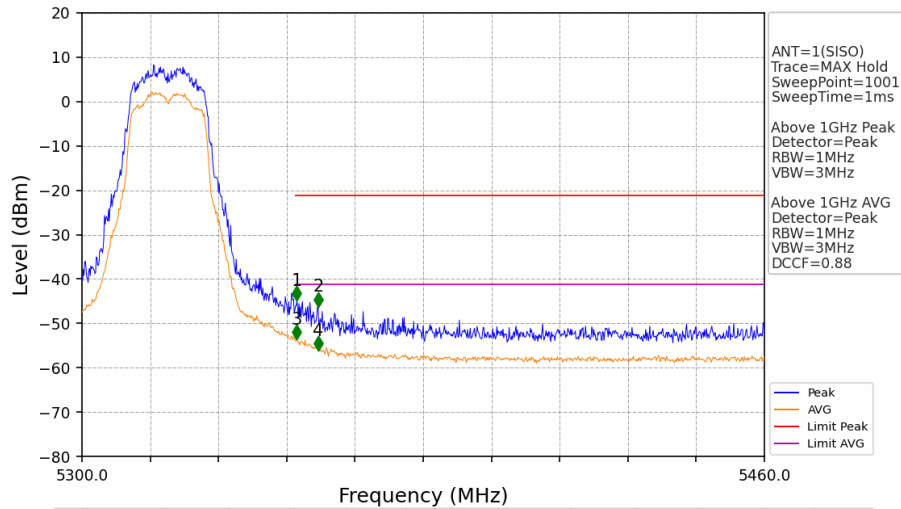
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20668.15	-39.48	-21.20	18.29	Pass	Peak	7	20668.15	-49.26	-41.20	8.06	Pass	AVG
2	21709.4	-38.76	-27.00	11.76	Pass	Peak	8	21709.4	/	-27.00	/	/	AVG
3	22950.4	-39.78	-21.20	18.58	Pass	Peak	9	22950.4	-47.94	-41.20	6.74	Pass	AVG
4	23719.65	-37.03	-21.20	15.83	Pass	Peak	10	23719.65	-45.93	-41.20	4.73	Pass	AVG
5	24722.65	-37.01	-27.00	10.01	Pass	Peak	11	24722.65	/	-27.00	/	/	AVG
6	25777.5	-36.17	-27.00	9.17	Pass	Peak	12	25777.5	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV

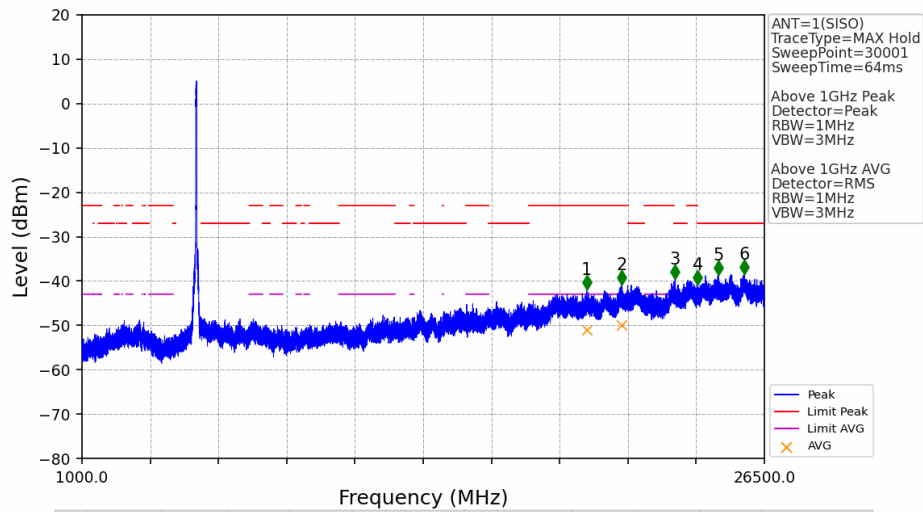


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20593.35	-39.96	-21.20	18.76	Pass	Peak	7	20593.35	-48.40	-41.20	7.20	Pass	AVG
2	21698.35	-39.20	-27.00	12.20	Pass	Peak	8	21698.35	/	-27.00	/	/	AVG
3	23019.25	-37.86	-21.20	16.66	Pass	Peak	9	23019.25	-47.28	-41.20	6.08	Pass	AVG
4	24197.35	-37.21	-27.00	10.21	Pass	Peak	10	24197.35	/	-27.00	/	/	AVG
5	25221.6	-34.69	-27.00	7.69	Pass	Peak	11	25221.6	/	-27.00	/	/	AVG
6	26420.1	-38.23	-27.00	11.23	Pass	Peak	12	26420.1	/	-27.00	/	/	AVG

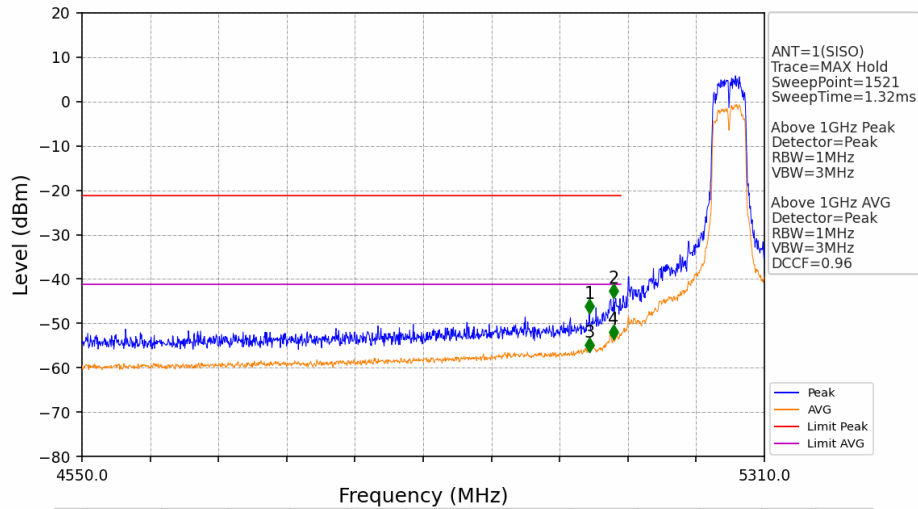
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV

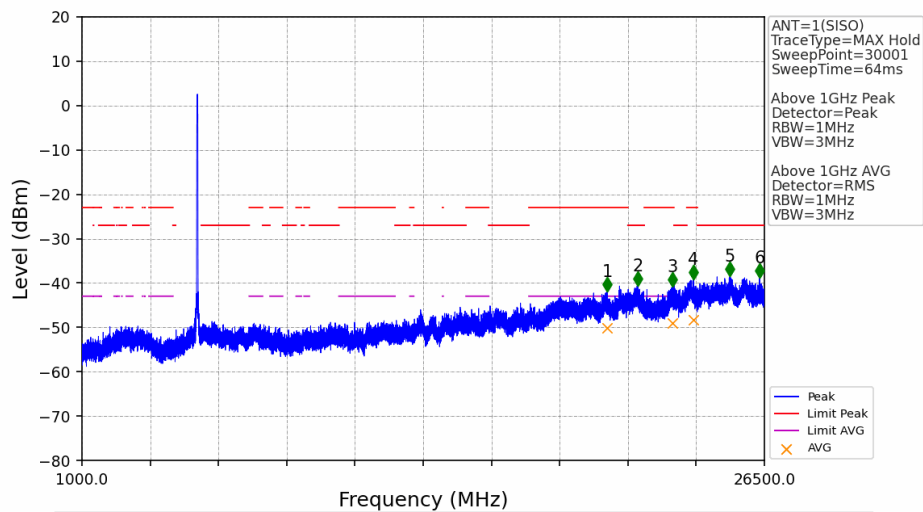


802.11ac(VHT40) LCH 5270MHz Ant1_NTNV



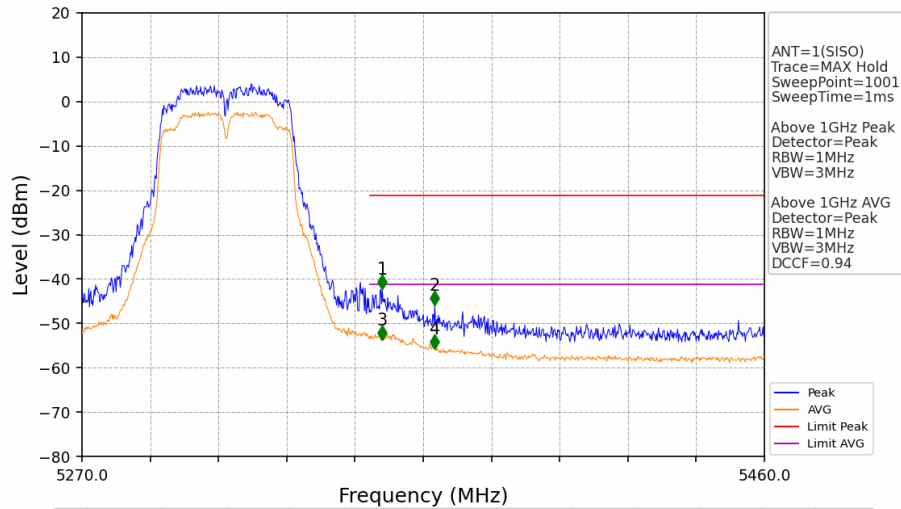
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5115.000	-45.94	-21.20	24.74	Pass Peak	3	5115.000	-56.38	-41.20	13.40	Pass AVG
2	5142.000	-42.54	-21.20	21.34	Pass Peak	4	5142.000	-53.59	-41.20	10.61	Pass AVG

802.11ac(VHT40) HCH 5310MHz Ant1_NTNV



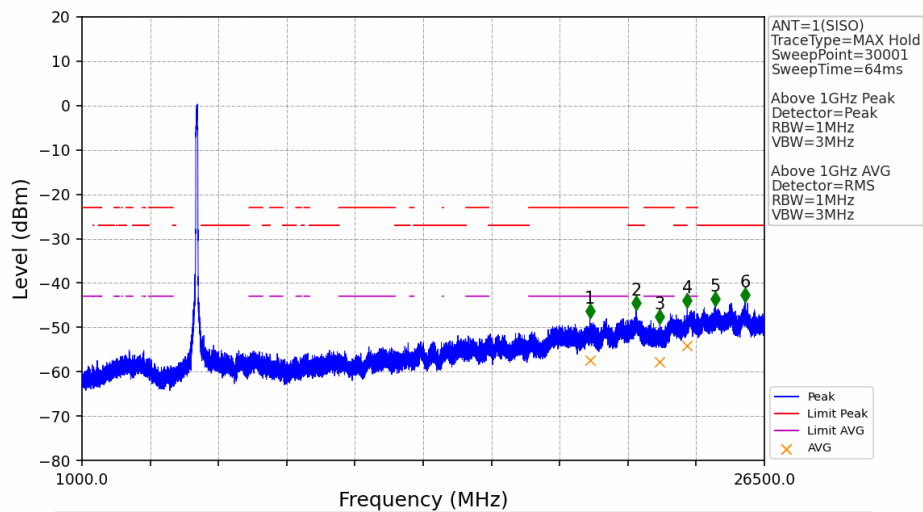
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20623.1	-40.04	-21.20	18.84	Pass Peak	7	20623.1	-48.42	-41.20	7.22	Pass AVG
2	21763.8	-38.81	-27.00	11.81	Pass Peak	8	21763.8	/	-27.00	/	AVG
3	23060.05	-38.95	-21.20	17.75	Pass Peak	9	23060.05	-47.20	-41.20	6.00	Pass AVG
4	23848.85	-37.32	-21.20	16.12	Pass Peak	10	23848.85	-46.52	-41.20	5.32	Pass AVG
5	25211.4	-36.69	-27.00	9.69	Pass Peak	11	25211.4	/	-27.00	/	AVG
6	26319.8	-37.03	-27.00	10.03	Pass Peak	12	26319.8	/	-27.00	/	AVG

802.11ac(VHT40) HCH_5310MHz_Ant1_NTNV



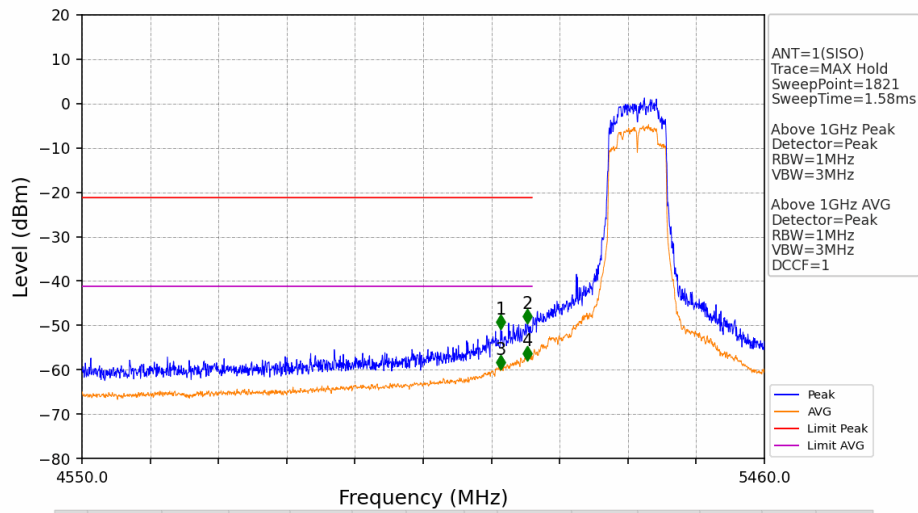
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5353.600	-40.43	-21.20	19.23	Pass Peak	3	5353.600	-53.74	-41.20	10.76	Pass AVG
2	5368.230	-44.15	-21.20	22.95	Pass Peak	4	5368.230	-55.72	-41.20	12.74	Pass AVG

802.11ac(VHT80) MCH_5290MHz_Ant1_NTNV



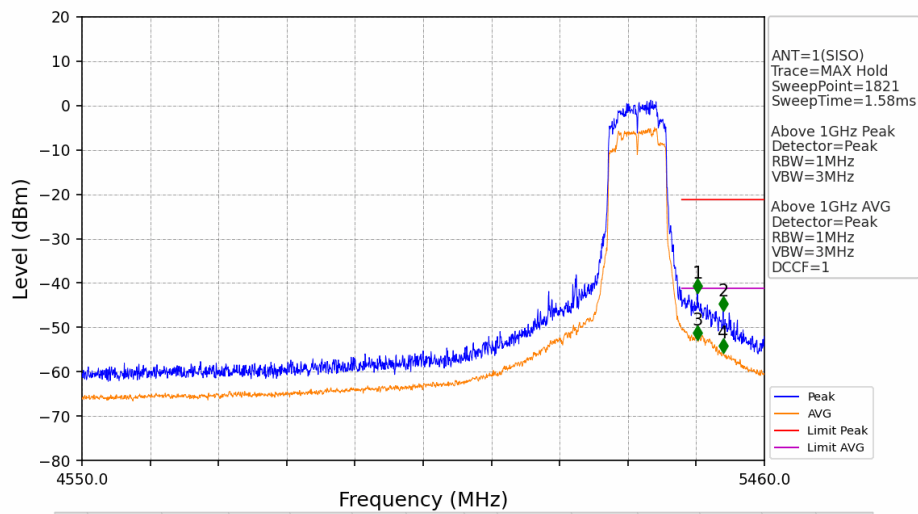
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	19977.95	-46.18	-21.20	24.98	Pass Peak	7	19977.95	-55.62	-41.20	14.42	Pass AVG
2	21707.7	-44.36	-27.00	17.36	Pass Peak	8	21707.7	/	-27.00	/	Pass AVG
3	22594.25	-47.47	-21.20	26.27	Pass Peak	9	22594.25	-56.03	-41.20	14.83	Pass AVG
4	23615.95	-43.67	-21.20	22.47	Pass Peak	10	23615.95	-52.30	-41.20	11.10	Pass AVG
5	24655.5	-43.38	-27.00	16.38	Pass Peak	11	24655.5	/	-27.00	/	Pass AVG
6	25775.8	-42.47	-27.00	15.47	Pass Peak	12	25775.8	/	-27.00	/	Pass AVG

802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



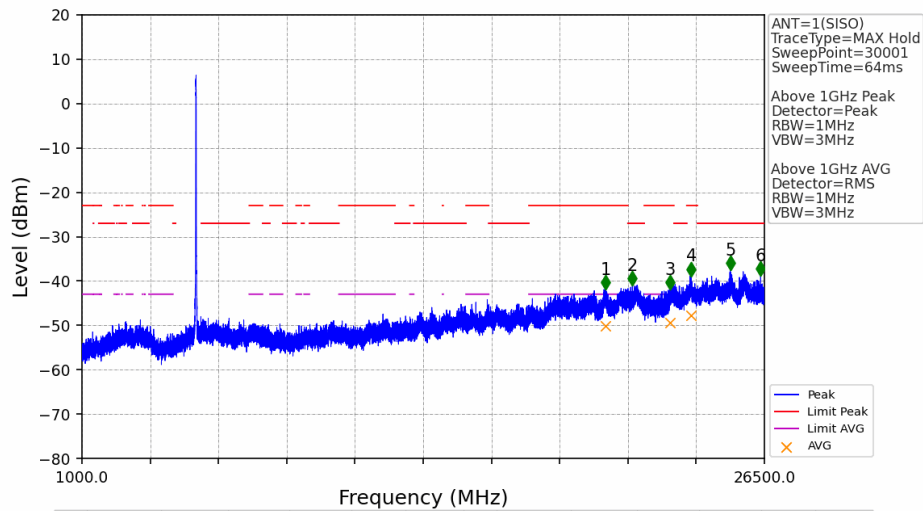
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5108.500	-49.10	-21.20	27.90	Pass Peak	3	5108.500	-59.91	-41.20	16.93	Pass AVG
2	5144.000	-47.68	-21.20	26.48	Pass Peak	4	5144.000	-57.84	-41.20	14.86	Pass AVG

802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



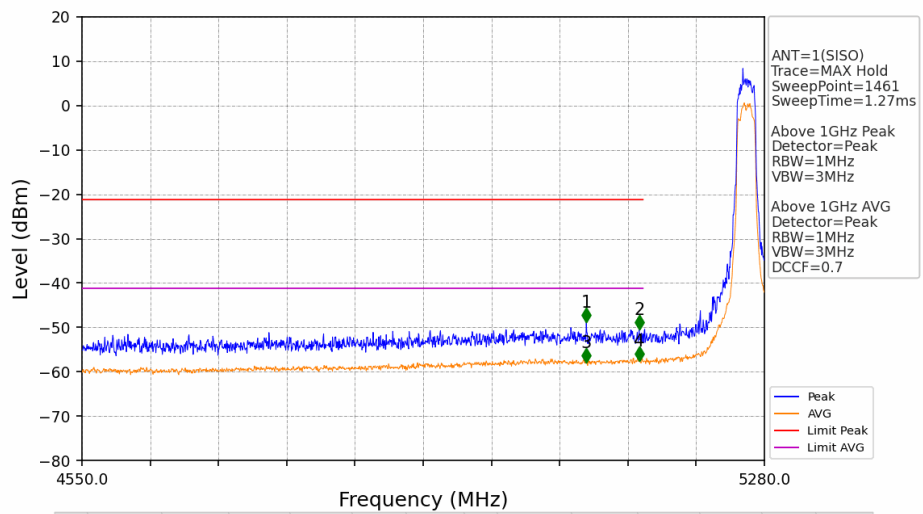
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5371.000	-40.40	-21.20	19.20	Pass AVG	3	5371.000	-52.89	-41.20	9.91	Pass AVG
2	5405.000	-44.41	-21.20	23.20	Pass AVG	4	5405.000	-55.80	-41.20	12.82	Pass AVG

802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



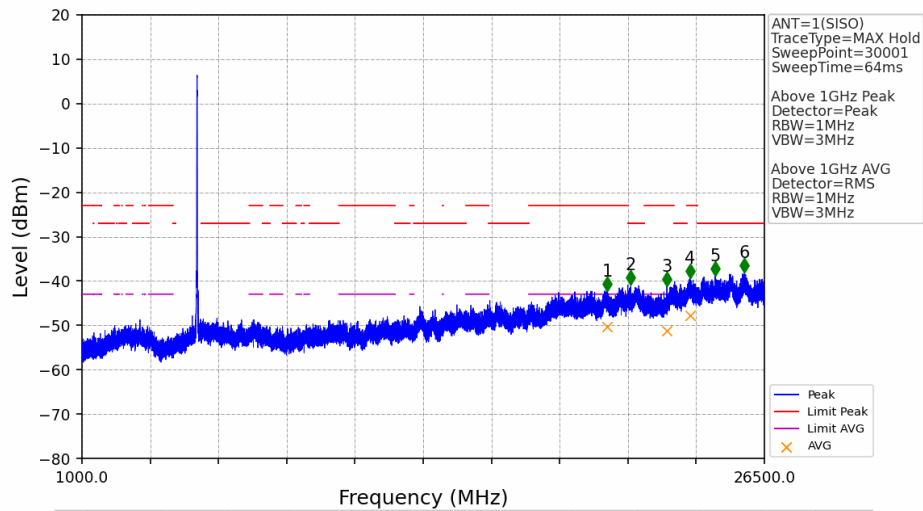
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20561.05	-40.06	-21.20	18.86	Pass	Peak	7	20561.05	-48.41	-41.20	7.21	Pass	AVG
2	21566.6	-39.17	-27.00	12.17	Pass	Peak	8	21566.6	/	-27.00	/	/	AVG
3	22986.95	-40.06	-21.20	18.86	Pass	Peak	9	22986.95	-47.67	-41.20	6.47	Pass	AVG
4	23762.15	-37.09	-21.20	15.89	Pass	Peak	10	23762.15	-45.92	-41.20	4.72	Pass	AVG
5	25220.75	-35.72	-27.00	8.72	Pass	Peak	11	25220.75	/	-27.00	/	/	AVG
6	26359.75	-36.95	-27.00	9.95	Pass	Peak	12	26359.75	/	-27.00	/	/	AVG

802.11ax(HEW20)_LCH_5260MHz_SU_ / Ant1_NTNV



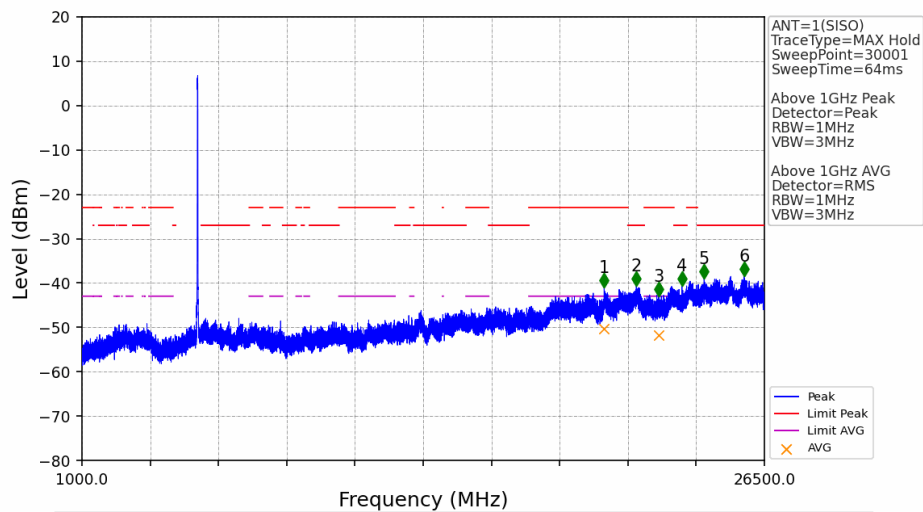
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5089.500	-46.94	-21.20	25.74	Pass	Peak	3	5089.500	-57.96	-41.20	14.98	Pass	AVG
2	5146.000	-48.69	-21.20	27.49	Pass	Peak	4	5146.000	-57.48	-41.20	14.50	Pass	AVG

802.11ax(HEW20)_MCH_5300MHz_SU / Ant1_NTNV



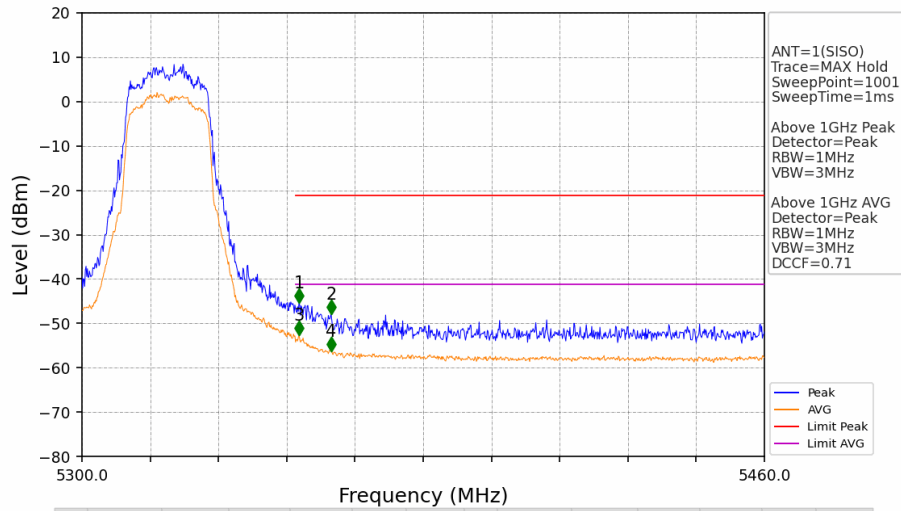
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20622.25	-40.42	-21.20	19.22	Pass	Peak	7	20622.25	-48.61	-41.20	7.41	Pass	AVG
2	21507.95	-39.04	-27.00	12.04	Pass	Peak	8	21507.95	/	-27.00	/	/	AVG
3	22856.05	-39.40	-21.20	18.20	Pass	Peak	9	22856.05	-49.38	-41.20	8.18	Pass	AVG
4	23715.4	-37.46	-21.20	16.26	Pass	Peak	10	23715.4	-45.96	-41.20	4.76	Pass	AVG
5	24660.6	-37.04	-27.00	10.04	Pass	Peak	11	24660.6	/	-27.00	/	/	AVG
6	25758.8	-36.32	-27.00	9.32	Pass	Peak	12	25758.8	/	-27.00	/	/	AVG

802.11ax(HEW20)_HCH_5320MHz_SU / Ant1_NTNV

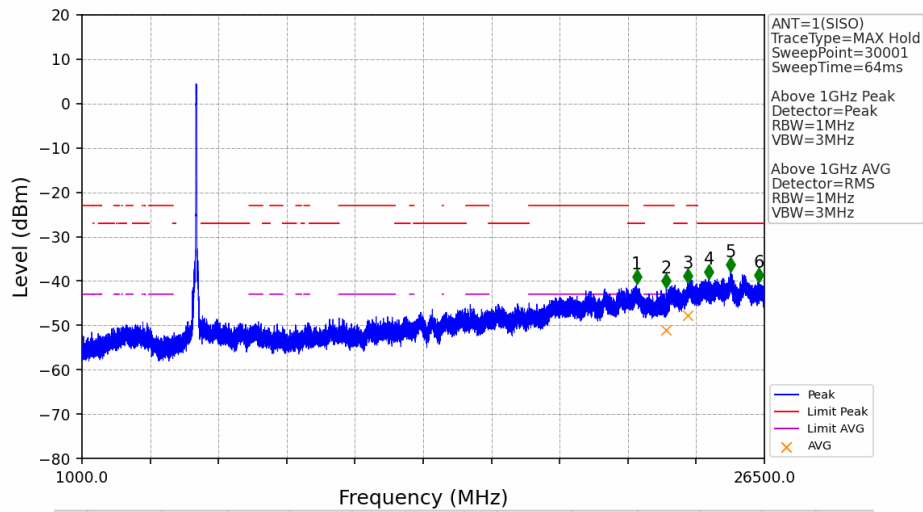


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20513.45	-39.14	-21.20	17.94	Pass	Peak	7	20513.45	-48.48	-41.20	7.28	Pass	AVG
2	21714.5	-38.83	-27.00	11.83	Pass	Peak	8	21714.5	/	-27.00	/	/	AVG
3	22556	-41.16	-21.20	19.96	Pass	Peak	9	22556	-50.01	-41.20	8.81	Pass	AVG
4	23418.75	-38.82	-27.00	11.82	Pass	Peak	10	23418.75	/	-27.00	/	/	AVG
5	24248.35	-37.18	-27.00	10.18	Pass	Peak	11	24248.35	/	-27.00	/	/	AVG
6	25740.95	-36.61	-27.00	9.61	Pass	Peak	12	25740.95	/	-27.00	/	/	AVG

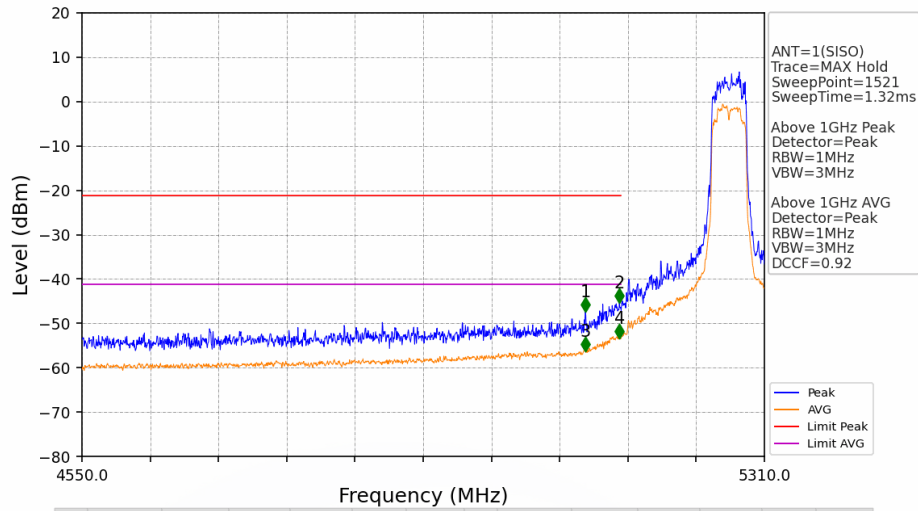
802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_LCH_5270MHz_SU_ / Ant1_NTNV

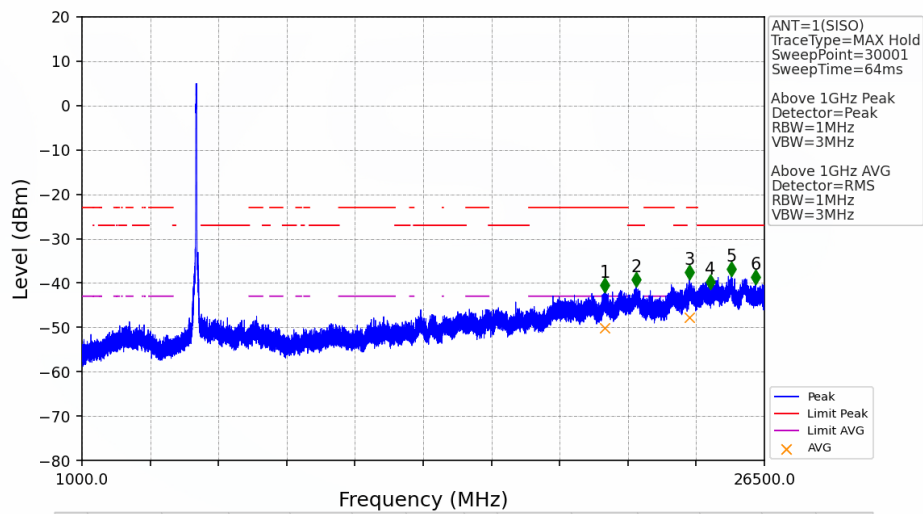


802.11ax(HEW40)_LCH_5270MHz_SU_ / Ant1_NTNV



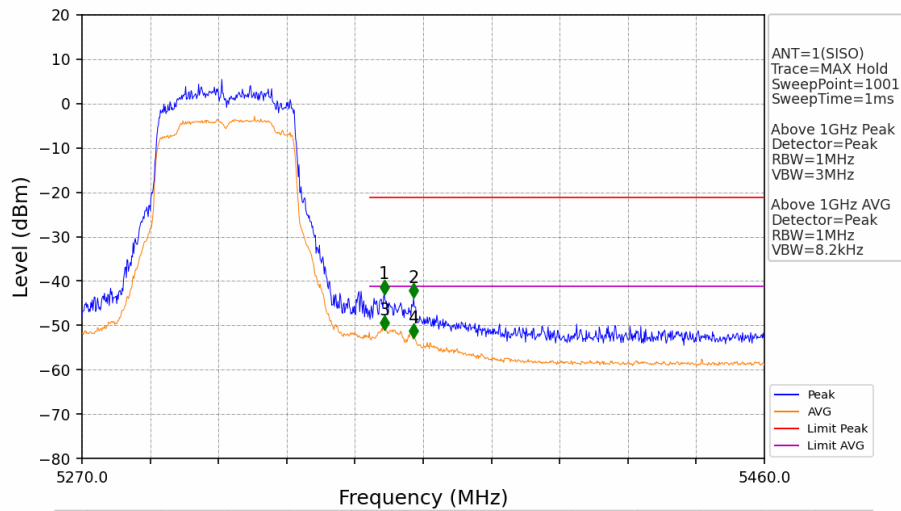
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5110.500	-45.63	-21.20	24.43	Pass Peak	3	5110.500	-56.19	-41.20	13.21	Pass AVG
2	5148.500	-43.54	-21.20	22.34	Pass Peak	4	5148.500	-53.31	-41.20	10.33	Pass AVG

802.11ax(HEW40)_HCH_5310MHz_SU_ / Ant1_NTNV

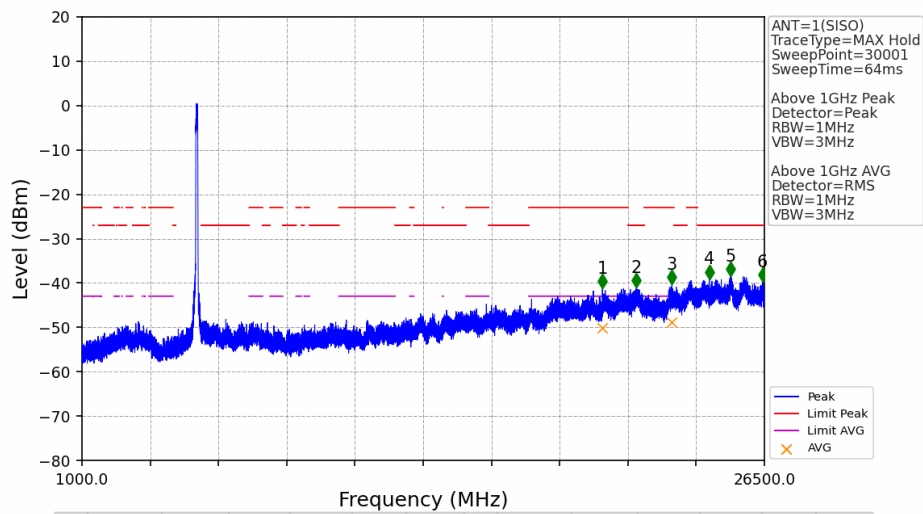


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	20528.75	-40.23	-21.20	19.03	Pass Peak	7	20528.75	-48.32	-41.20	7.12	Pass AVG
2	21706.85	-38.94	-27.00	11.94	Pass Peak	8	21706.85	/	-27.00	/	/ AVG
3	23695	-37.42	-21.20	16.22	Pass Peak	9	23695	-46.04	-41.20	4.84	Pass AVG
4	24468.5	-39.62	-27.00	12.62	Pass Peak	10	24468.5	/	-27.00	/	/ AVG
5	25268.35	-36.57	-27.00	9.57	Pass Peak	11	25268.35	/	-27.00	/	/ AVG
6	26160	-38.39	-27.00	11.39	Pass Peak	12	26160	/	-27.00	/	/ AVG

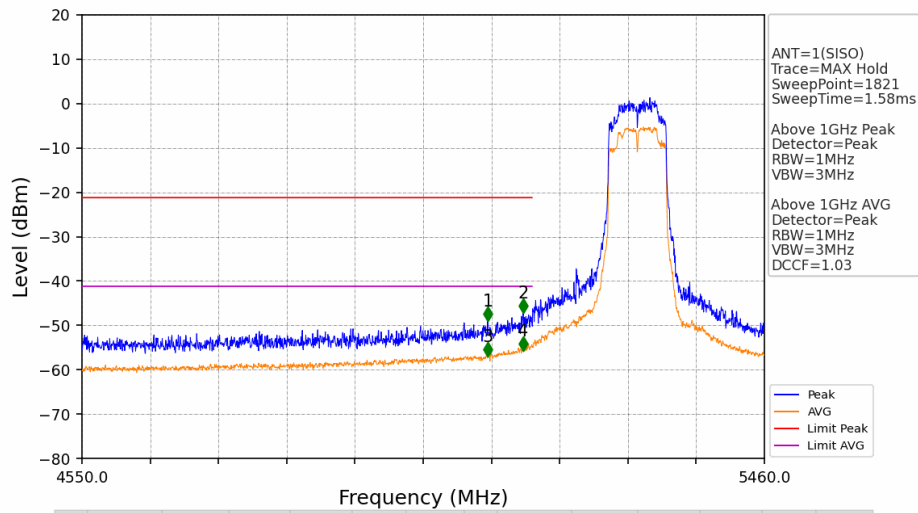
802.11ax(HEW40)_HCH_5310MHz_SU / Ant1_NTNV



802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV

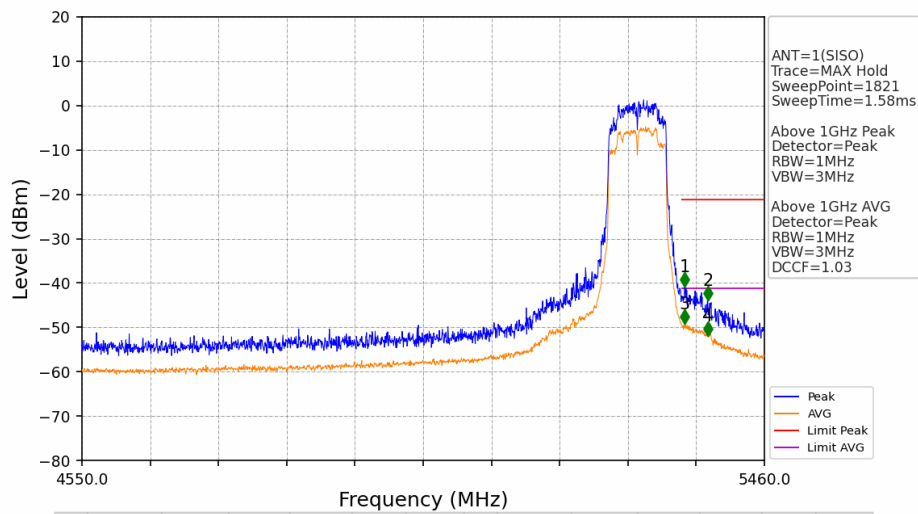


802.11ax(HEW80)_MCH_5290MHz_SU / Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5091.000	-47.18	-21.20	25.98	Pass	Peak	3	5091.000	-56.97	-41.20	13.99	Pass	AVG
2	5138.500	-45.30	-21.20	24.10	Pass	Peak	4	5138.500	-55.71	-41.20	12.73	Pass	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	5353.500	-38.97	-21.20	17.77	Pass	AVG	3	5353.500	-49.16	-41.20	6.18	Pass	AVG
2	5384.500	-42.11	-21.20	20.91	Pass	AVG	4	5384.500	-51.96	-41.20	8.98	Pass	AVG

6. Frequency Stability

6.1 Test Result

6.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5260	20	102	5259.996	5250 to 5350	Pass
				120	5259.996	5250 to 5350	Pass
				138	5259.996	5250 to 5350	Pass
			-30	120	5259.996	5250 to 5350	Pass
			-20	120	5259.996	5250 to 5350	Pass
			-10	120	5259.996	5250 to 5350	Pass
			0	120	5259.995	5250 to 5350	Pass
			10	120	5259.995	5250 to 5350	Pass
			30	120	5259.995	5250 to 5350	Pass
			40	120	5259.995	5250 to 5350	Pass
			50	120	5259.995	5250 to 5350	Pass
		5300	20	102	5299.996	5250 to 5350	Pass
				120	5299.996	5250 to 5350	Pass
				138	5299.996	5250 to 5350	Pass
			-30	120	5299.996	5250 to 5350	Pass
			-20	120	5299.996	5250 to 5350	Pass
			-10	120	5299.996	5250 to 5350	Pass
			0	120	5299.996	5250 to 5350	Pass
			10	120	5299.996	5250 to 5350	Pass
			30	120	5299.996	5250 to 5350	Pass
			40	120	5299.996	5250 to 5350	Pass
			50	120	5299.996	5250 to 5350	Pass
		5320	20	102	5319.995	5250 to 5350	Pass
				120	5319.995	5250 to 5350	Pass
				138	5319.995	5250 to 5350	Pass
			-30	120	5319.995	5250 to 5350	Pass
			-20	120	5319.995	5250 to 5350	Pass
			-10	120	5319.995	5250 to 5350	Pass
			0	120	5319.995	5250 to 5350	Pass
			10	120	5319.995	5250 to 5350	Pass
			30	120	5319.995	5250 to 5350	Pass
			40	120	5319.995	5250 to 5350	Pass
			50	120	5319.995	5250 to 5350	Pass
		5270	20	102	5269.997	5250 to 5350	Pass
				120	5269.997	5250 to 5350	Pass
				138	5269.997	5250 to 5350	Pass
			-30	120	5269.997	5250 to 5350	Pass
			-20	120	5269.997	5250 to 5350	Pass
			-10	120	5269.997	5250 to 5350	Pass
			0	120	5269.997	5250 to 5350	Pass
			10	120	5269.997	5250 to 5350	Pass
			30	120	5269.997	5250 to 5350	Pass
			40	120	5269.997	5250 to 5350	Pass
			50	120	5269.997	5250 to 5350	Pass
		5310	20	102	5309.995	5250 to 5350	Pass
				120	5309.995	5250 to 5350	Pass
				138	5309.995	5250 to 5350	Pass
			-30	120	5309.995	5250 to 5350	Pass

			-20	120	5309.996	5250 to 5350	Pass
			-10	120	5309.995	5250 to 5350	Pass
			0	120	5309.995	5250 to 5350	Pass
			10	120	5309.995	5250 to 5350	Pass
			30	120	5309.995	5250 to 5350	Pass
			40	120	5309.995	5250 to 5350	Pass
			50	120	5309.995	5250 to 5350	Pass
		5290	20	102	5289.996	5250 to 5350	Pass
				120	5289.996	5250 to 5350	Pass
				138	5289.996	5250 to 5350	Pass
			-30	120	5289.996	5250 to 5350	Pass
			-20	120	5289.996	5250 to 5350	Pass
			-10	120	5289.996	5250 to 5350	Pass
			0	120	5289.996	5250 to 5350	Pass
			10	120	5289.996	5250 to 5350	Pass
			30	120	5289.996	5250 to 5350	Pass
			40	120	5289.996	5250 to 5350	Pass
			50	120	5289.996	5250 to 5350	Pass

▶▶▶ END OF REPORT ◀◀◀

