

1. Duty Cycle

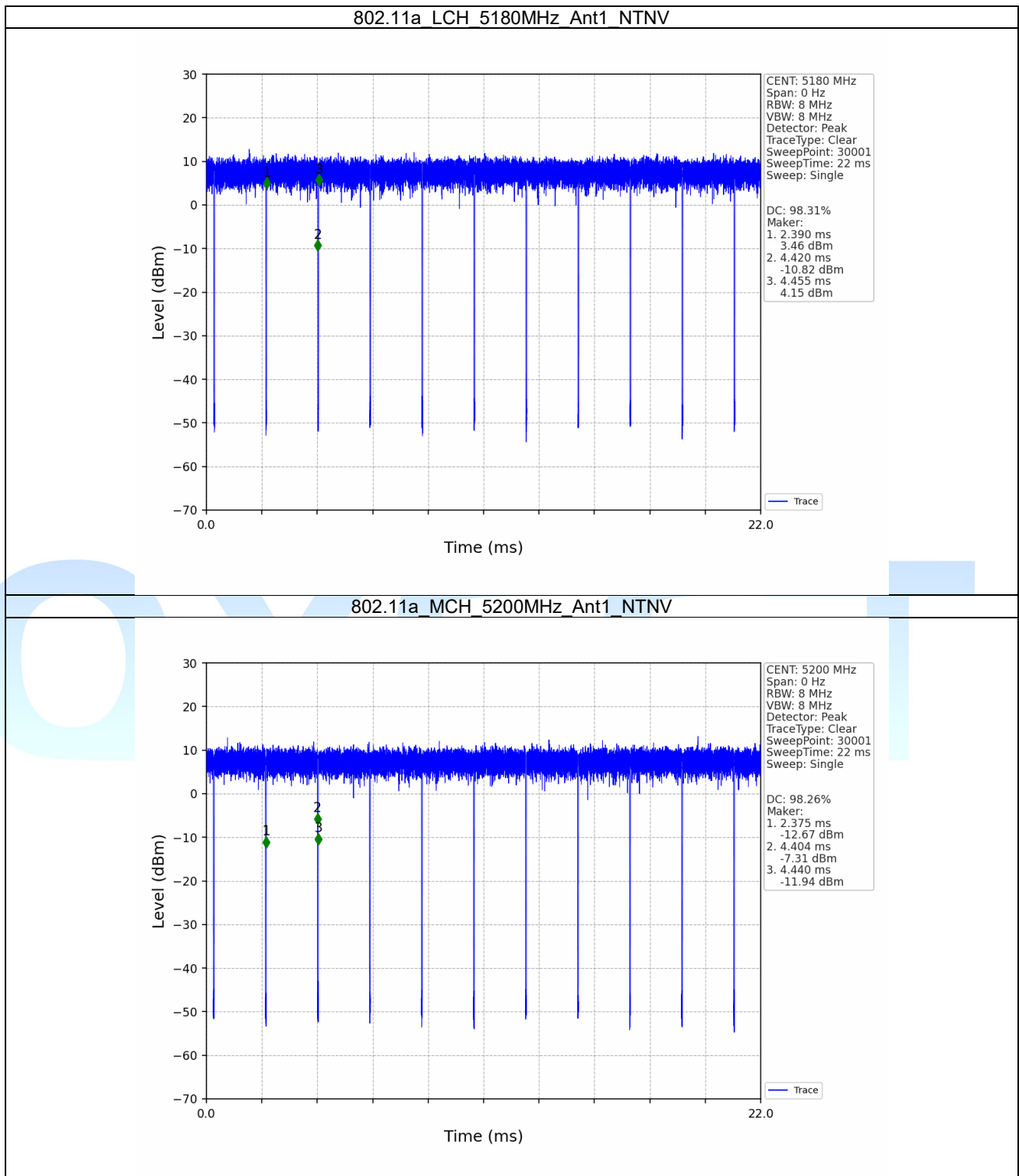
1.1 Test Result

1.1.1 Ant1

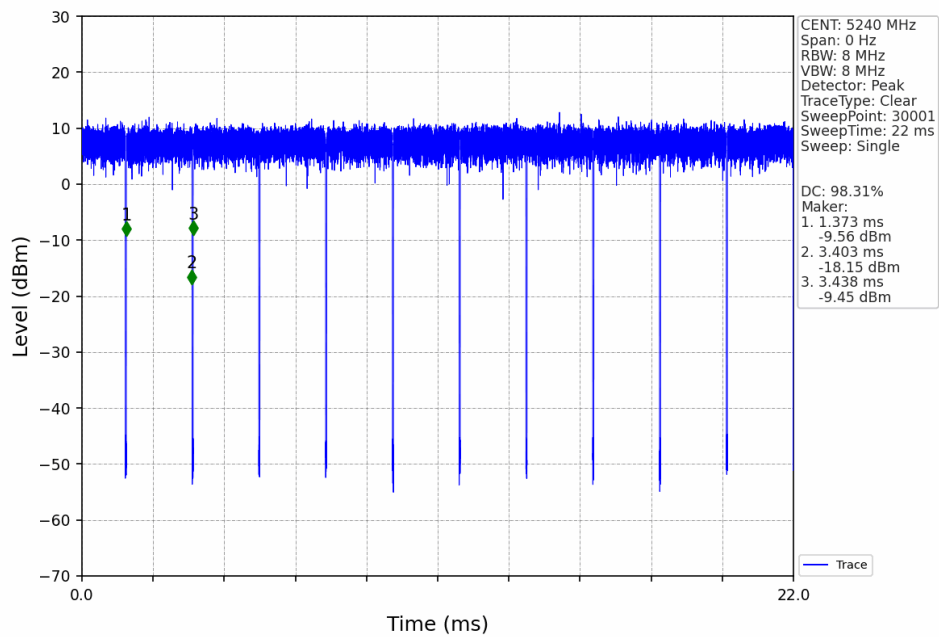
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	2.030	2.065	98.31	0.07	0.04
		5200	2.029	2.065	98.26	0.08	0.04
		5240	2.030	2.065	98.31	0.07	0.04
802.11n (HT20)	SISO	5180	1.890	1.925	98.18	0.08	0.03
		5200	1.890	1.926	98.13	0.08	0.03
		5240	1.890	1.925	98.18	0.08	0.03
802.11n (HT40)	SISO	5190	0.930	0.964	96.47	0.16	0.00
		5230	0.930	0.964	96.47	0.16	0.03
802.11ac (VHT20)	SISO	5180	1.902	1.937	98.19	0.08	0.07
		5200	1.902	1.937	98.19	0.08	0.03
		5240	1.902	1.937	98.19	0.08	0.03
802.11ac (VHT40)	SISO	5190	0.938	0.972	96.50	0.15	0.07
		5230	0.938	0.972	96.50	0.15	0.00
802.11ac (VHT80)	SISO	5210	0.457	0.492	92.89	0.32	0.03

1.2 Test Graph

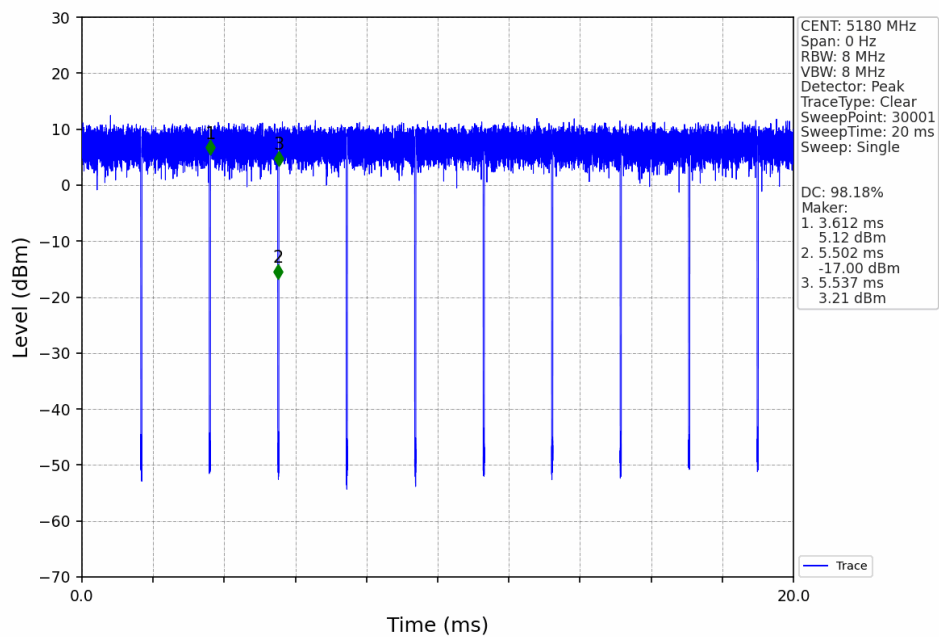
1.2.1 Ant1



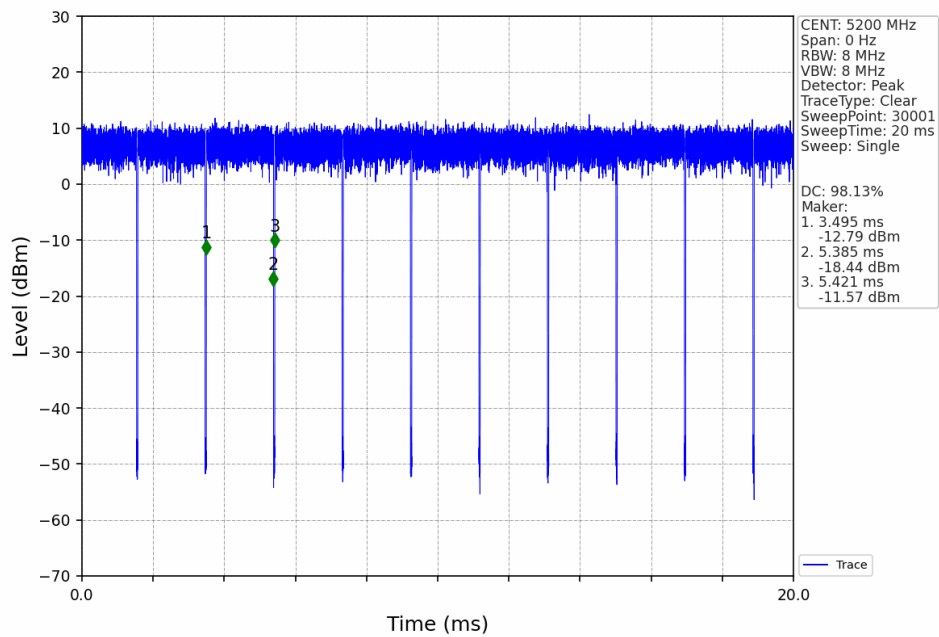
802.11a_HCH_5240MHz_Ant1_NTNV



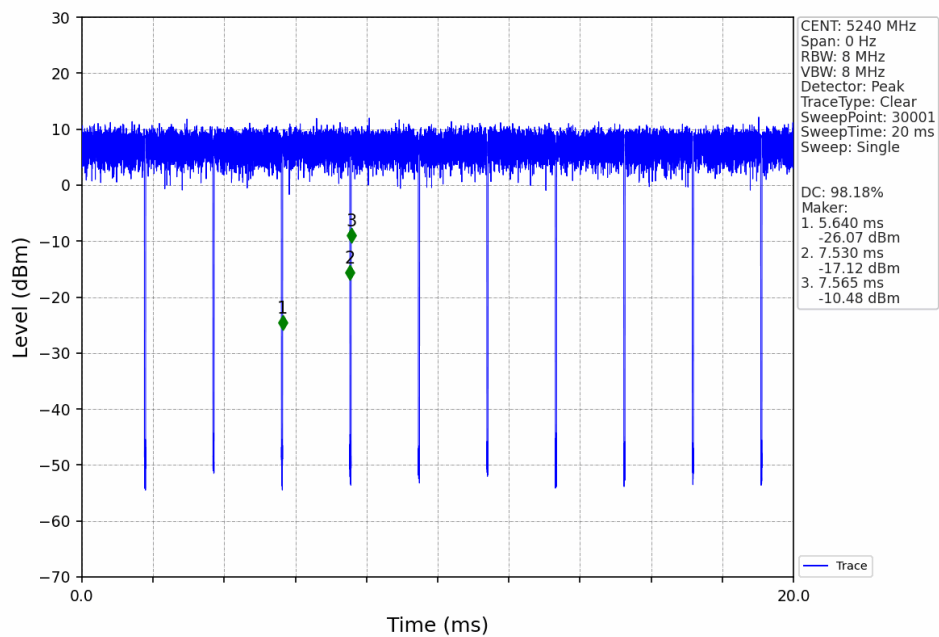
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



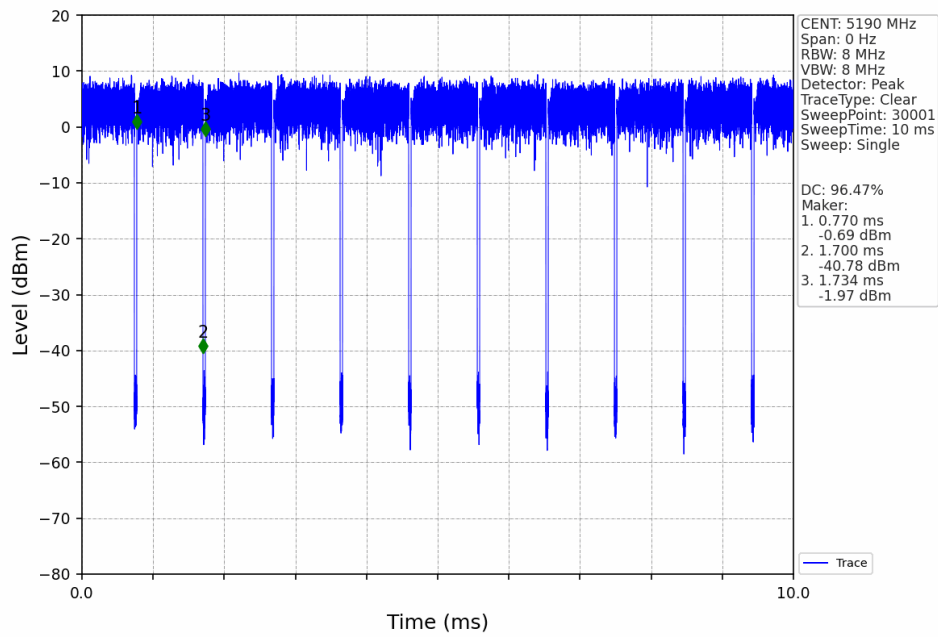
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



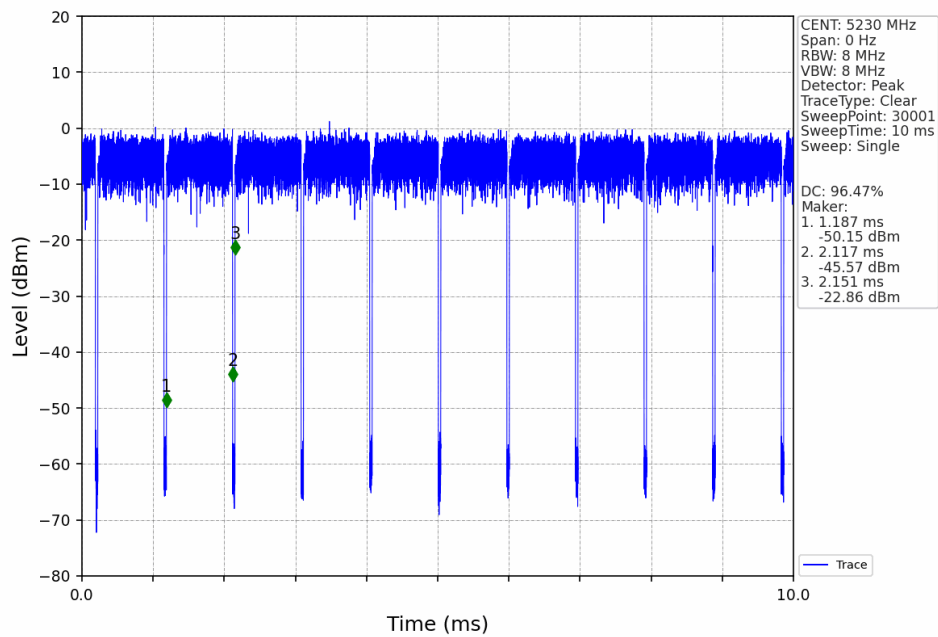
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



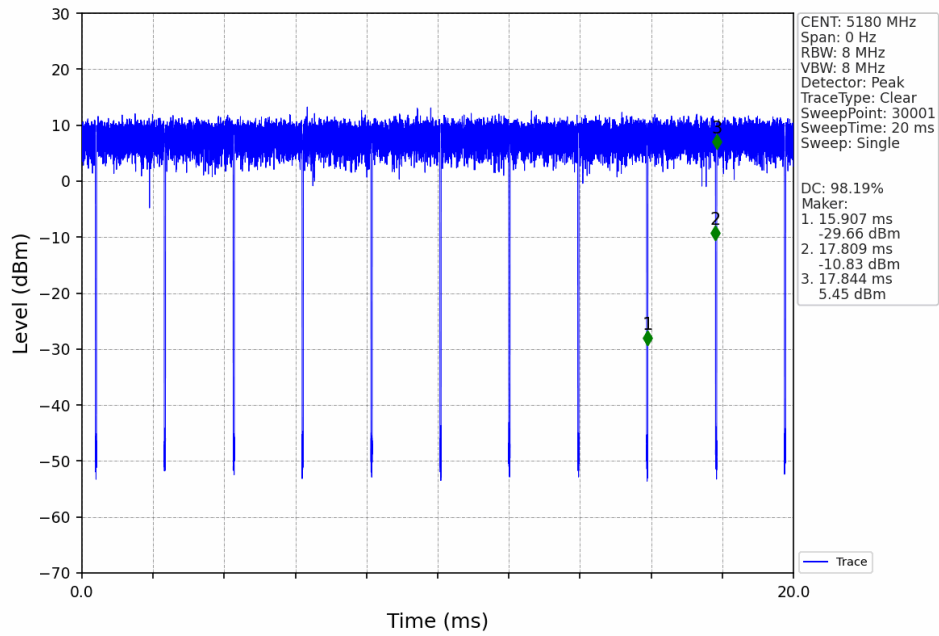
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



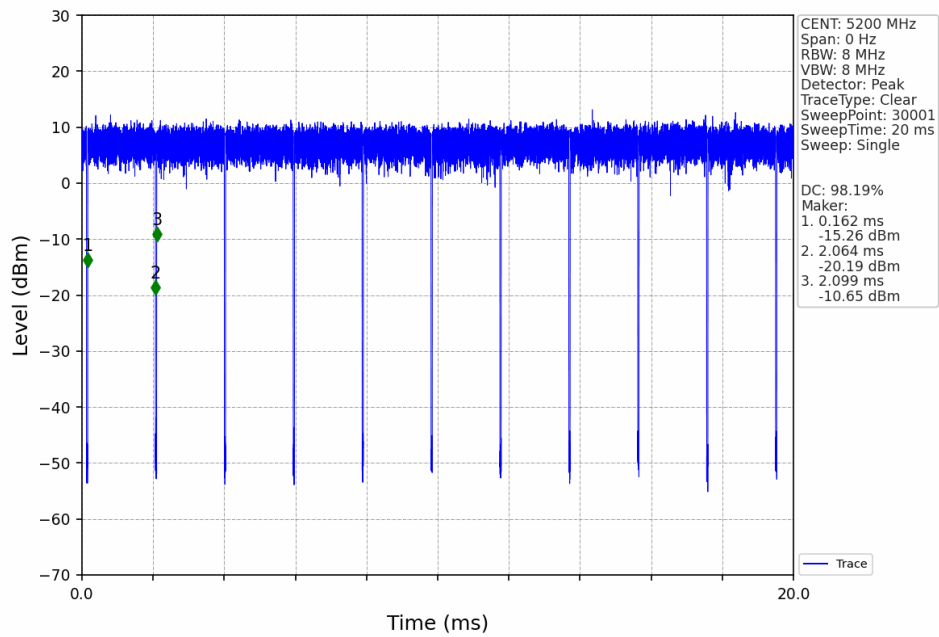
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



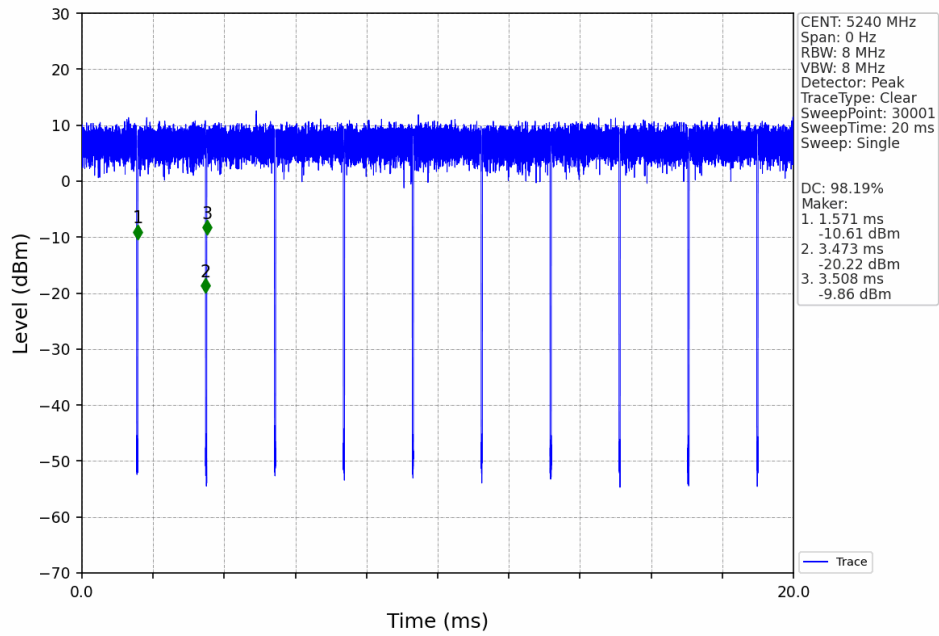
802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV



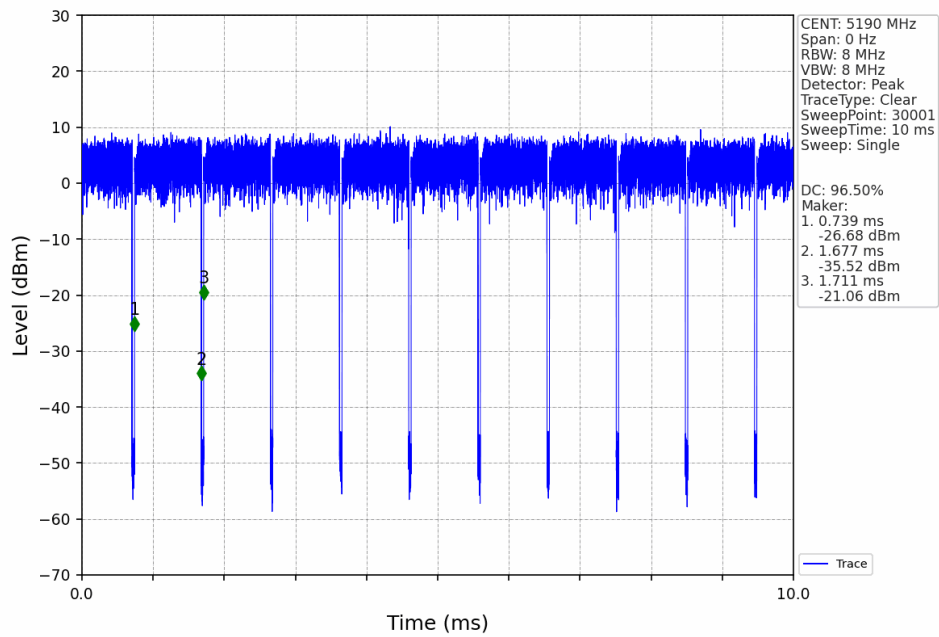
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



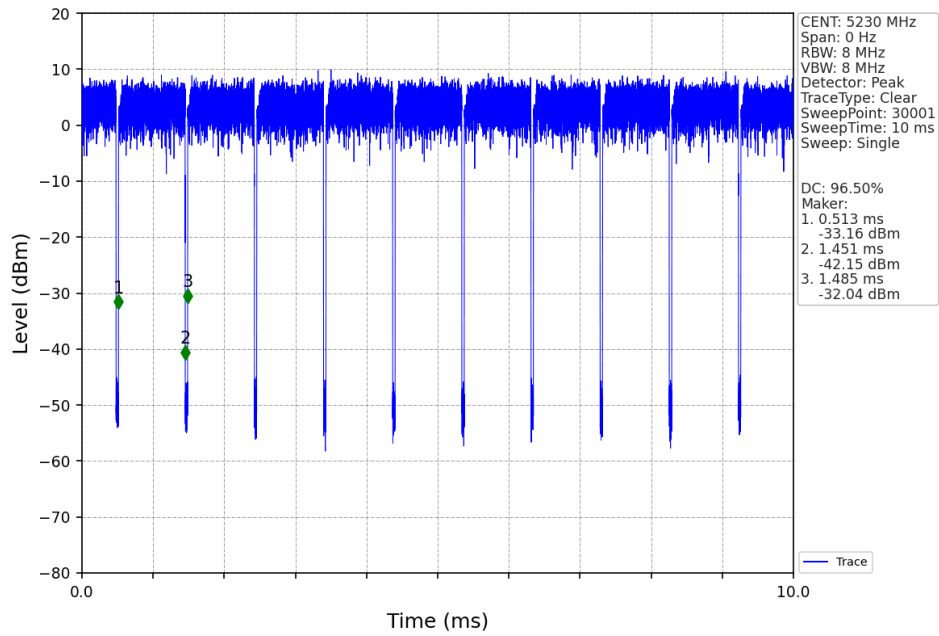
802.11ac(VHT20) HCH 5240MHz_Ant1_NTNV



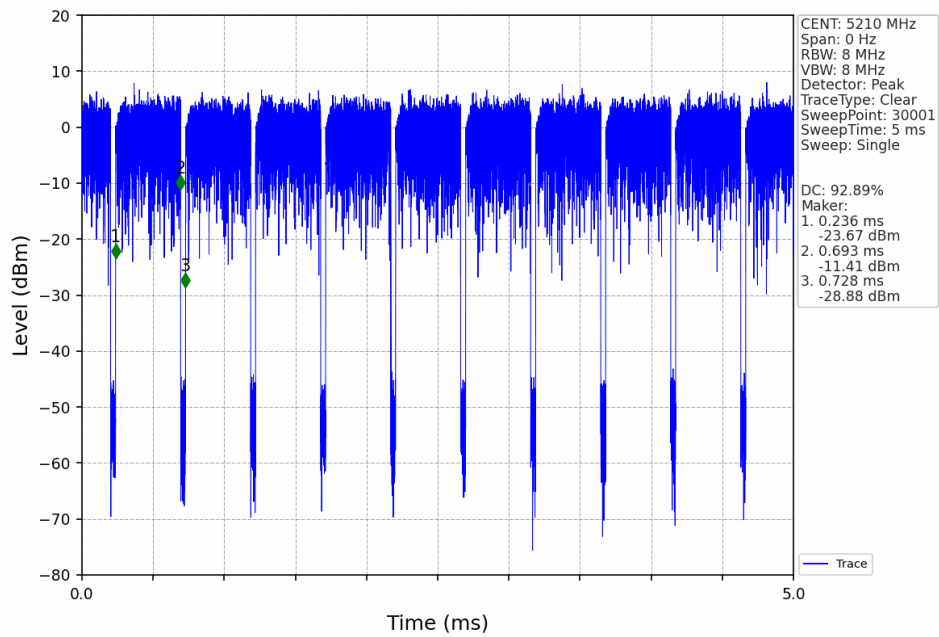
802.11ac(VHT40) LCH 5190MHz_Ant1_NTNV



802.11ac(VHT40) HCH 5230MHz_Ant1_NTNV



802.11ac(VHT80) MCH 5210MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

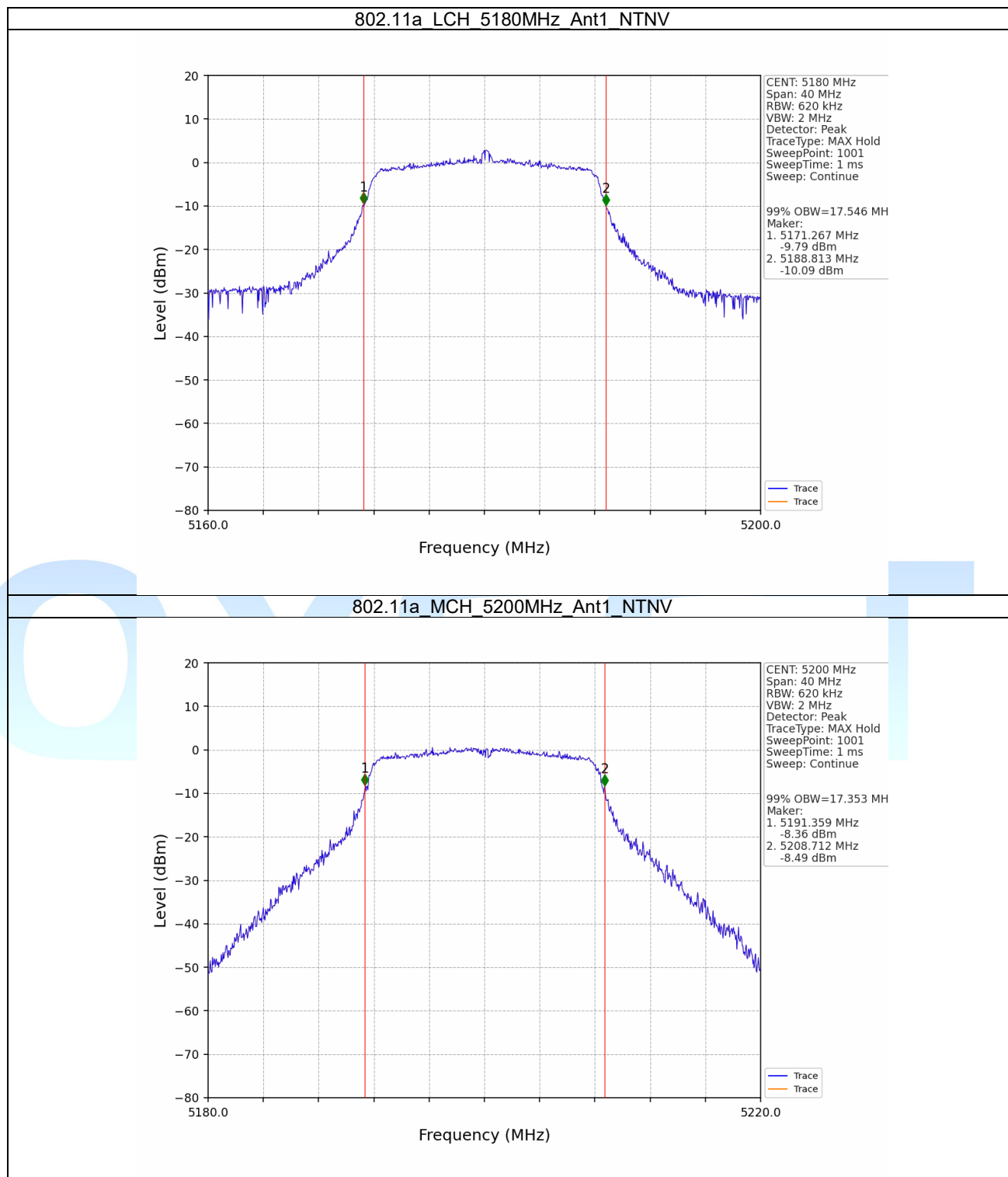
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.546	/	Pass
		5200	1	17.353	/	Pass
		5240	1	17.443	/	Pass
802.11n (HT20)	SISO	5180	1	18.638	/	Pass
		5200	1	18.488	/	Pass
		5240	1	18.490	/	Pass
802.11n (HT40)	SISO	5190	1	36.772	/	Pass
		5230	1	36.673	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.621	/	Pass
		5200	1	18.480	/	Pass
		5240	1	18.433	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.795	/	Pass
		5230	1	36.665	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.315	/	Pass

2.1.2 26dB BW

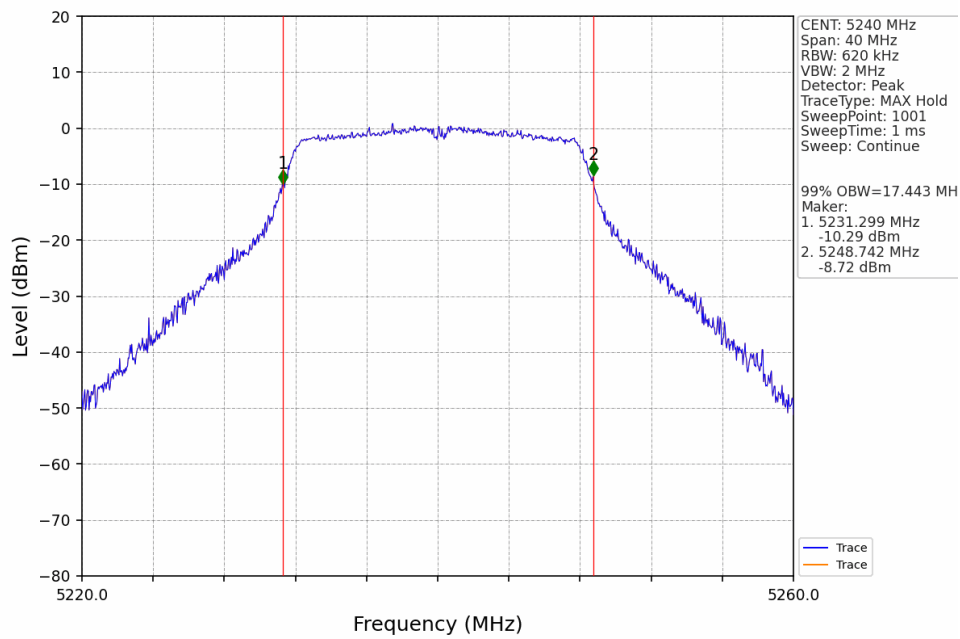
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	23.001	/	Pass
		5200	1	22.430	/	Pass
		5240	1	21.762	/	Pass
802.11n (HT20)	SISO	5180	1	24.221	/	Pass
		5200	1	22.787	/	Pass
		5240	1	22.737	/	Pass
802.11n (HT40)	SISO	5190	1	41.792	/	Pass
		5230	1	41.152	/	Pass
802.11ac (VHT20)	SISO	5180	1	23.511	/	Pass
		5200	1	22.622	/	Pass
		5240	1	22.653	/	Pass
802.11ac (VHT40)	SISO	5190	1	41.167	/	Pass
		5230	1	41.839	/	Pass
802.11ac (VHT80)	SISO	5210	1	84.286	/	Pass

2.2 Test Graph

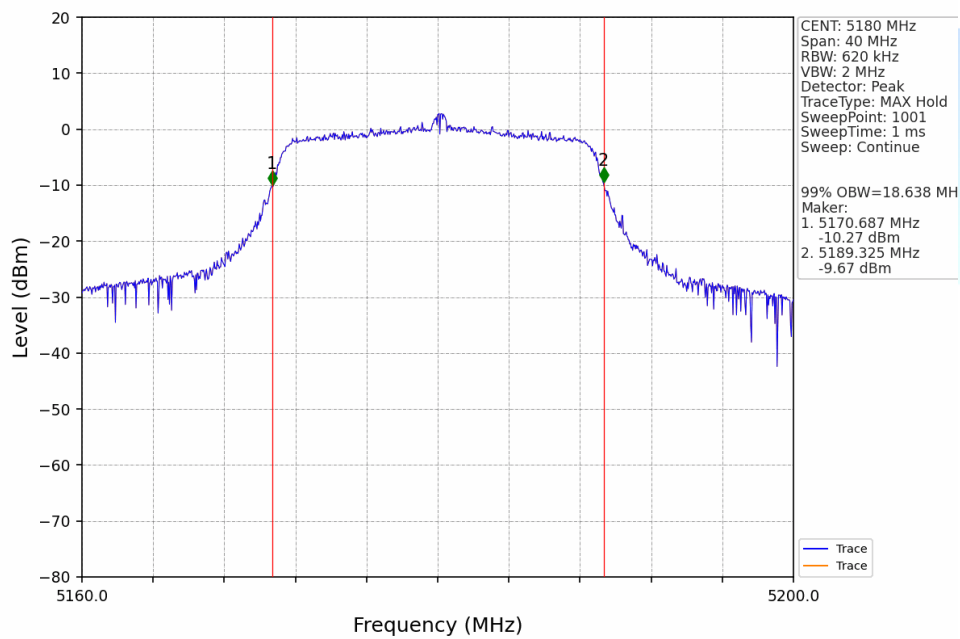
2.2.1 OBW



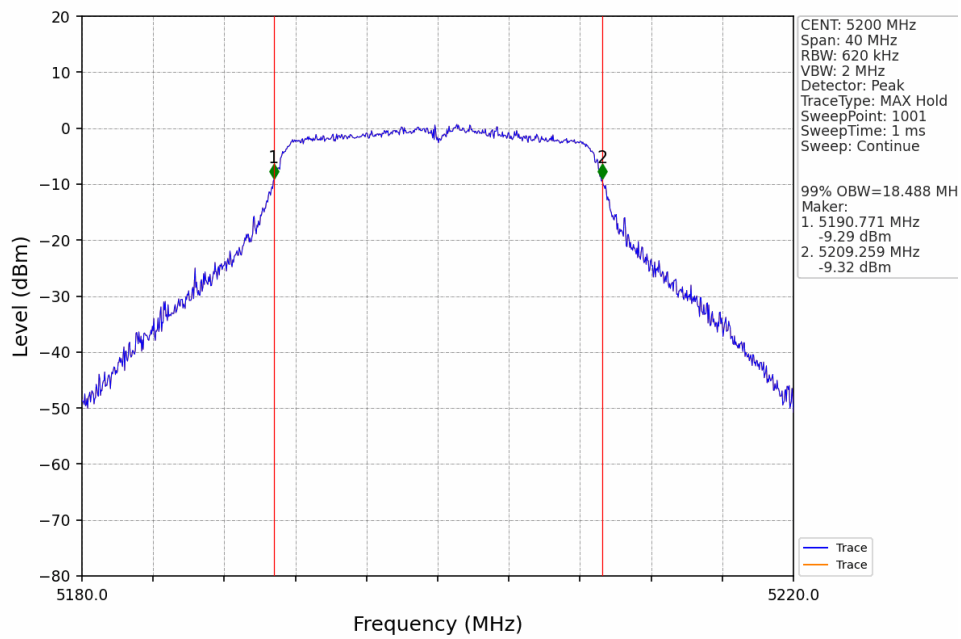
802.11a_HCH_5240MHz_Ant1_NTNV



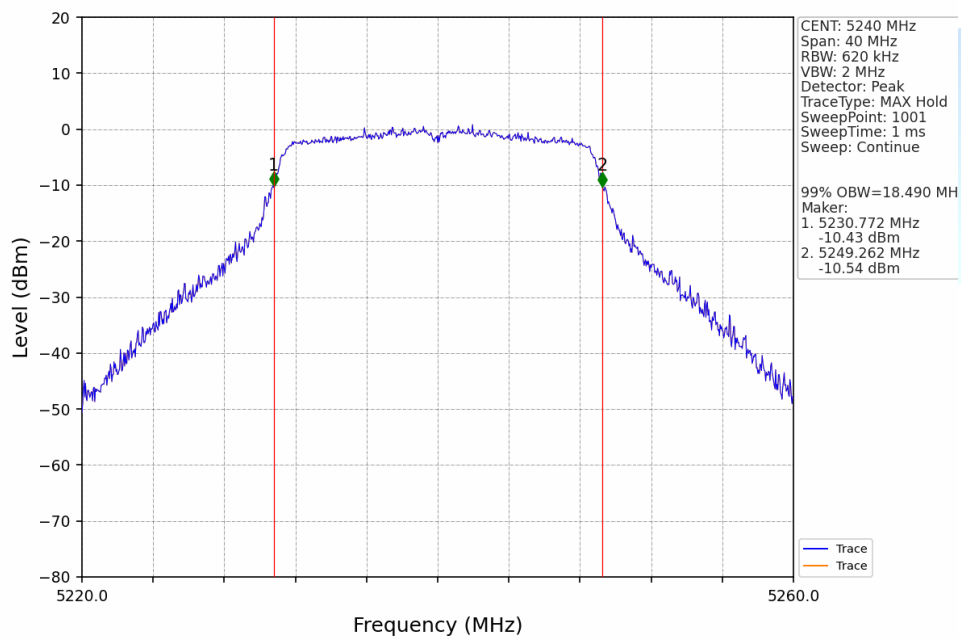
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



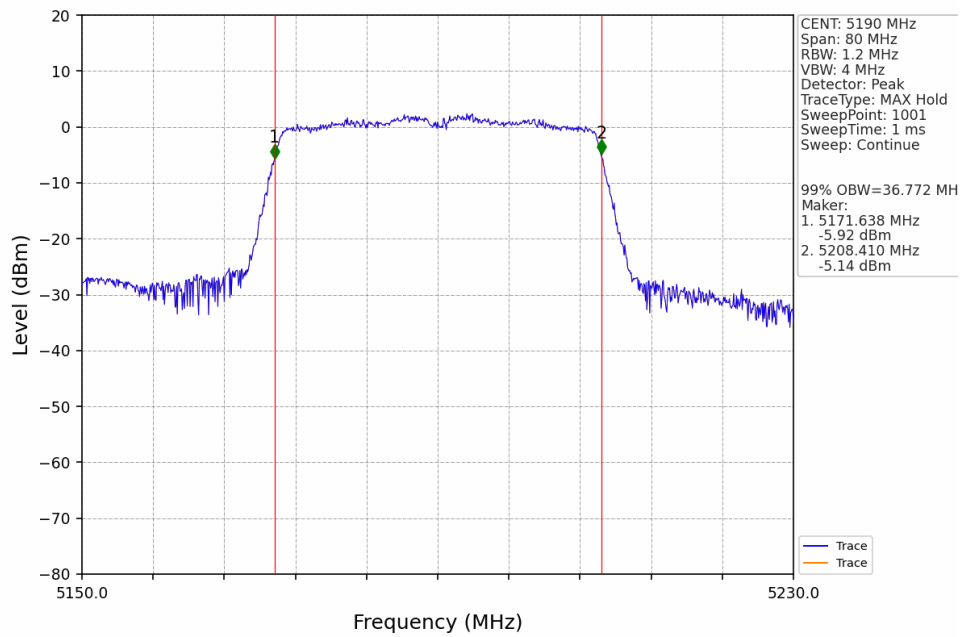
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



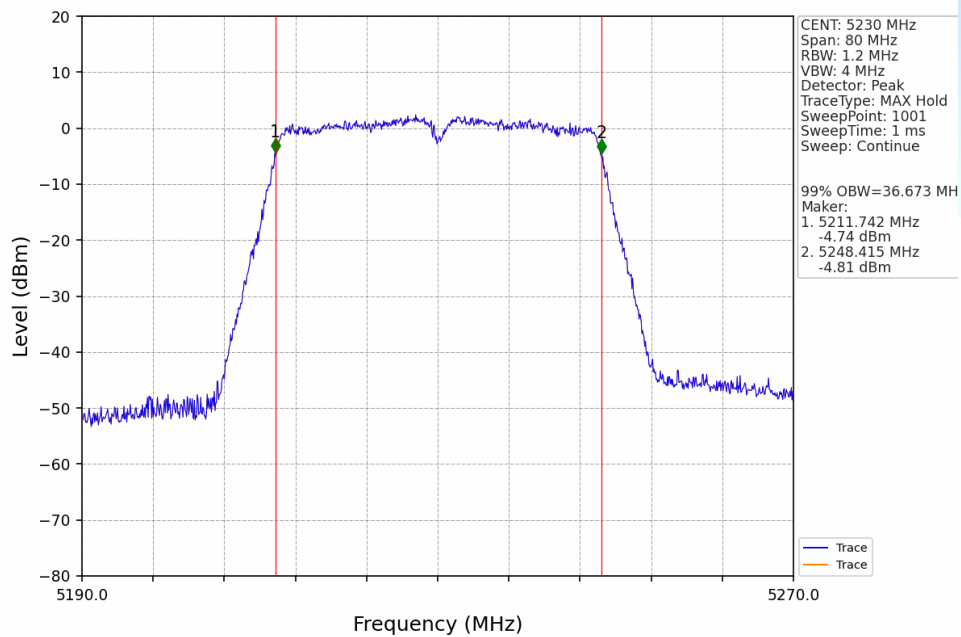
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



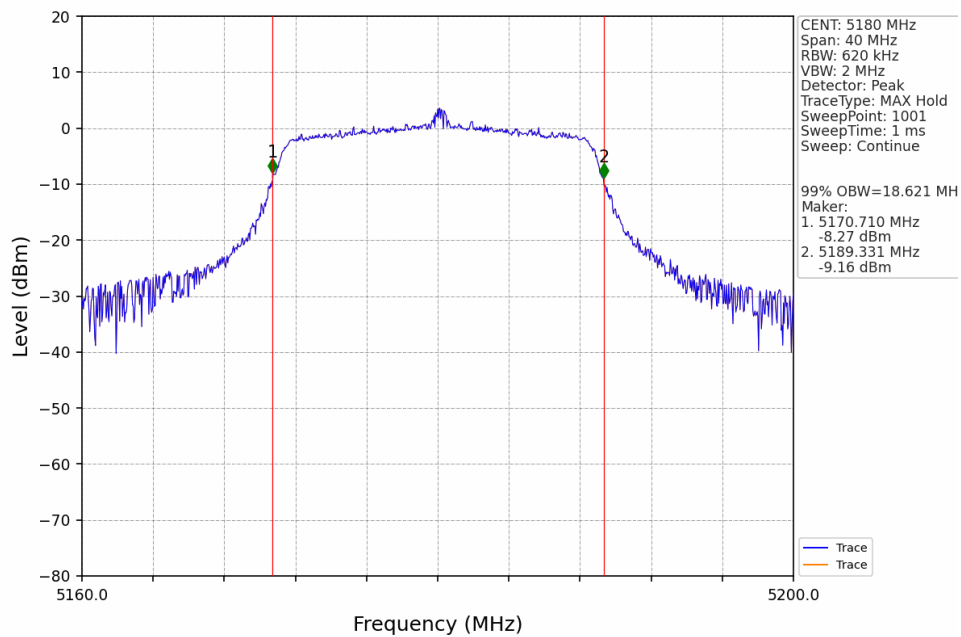
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



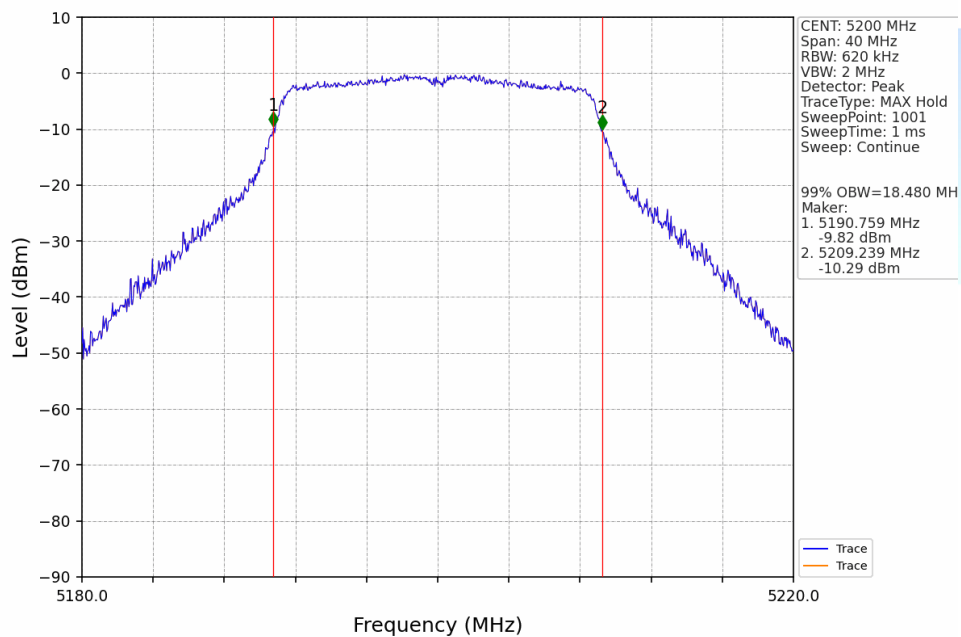
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



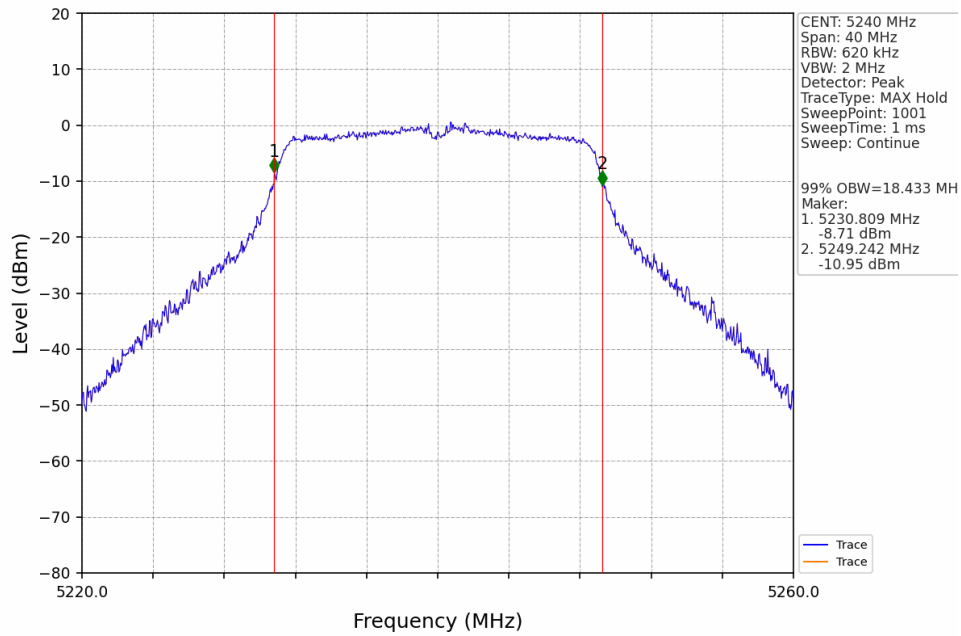
802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV



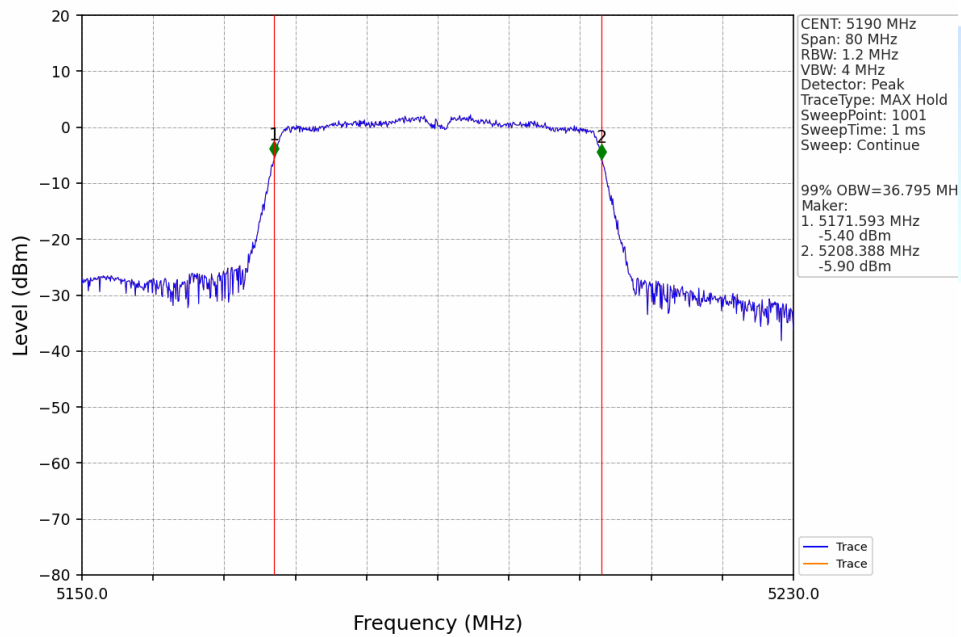
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



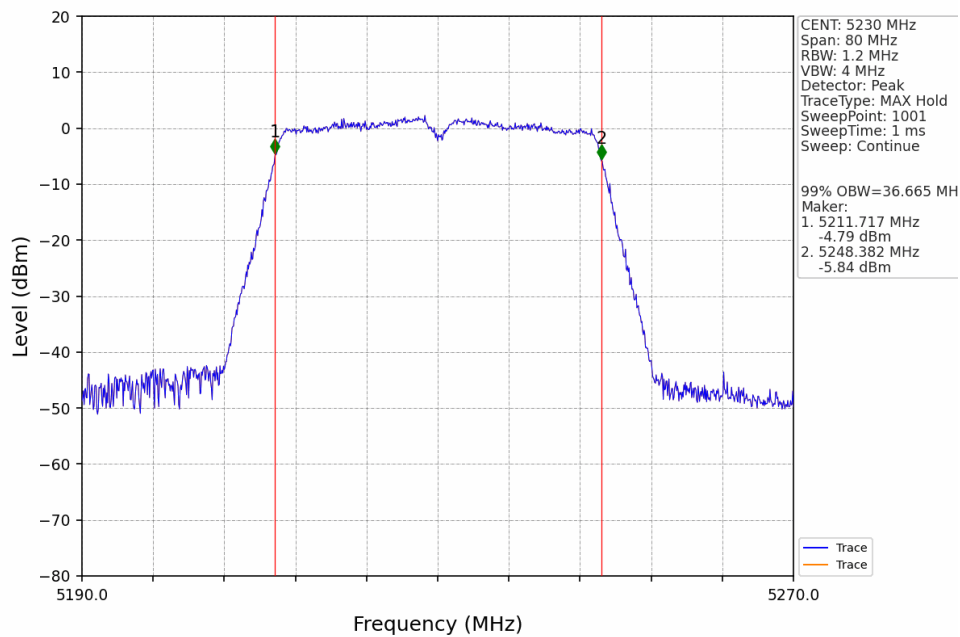
802.11ac(VHT20) HCH 5240MHz Ant1_NTNV



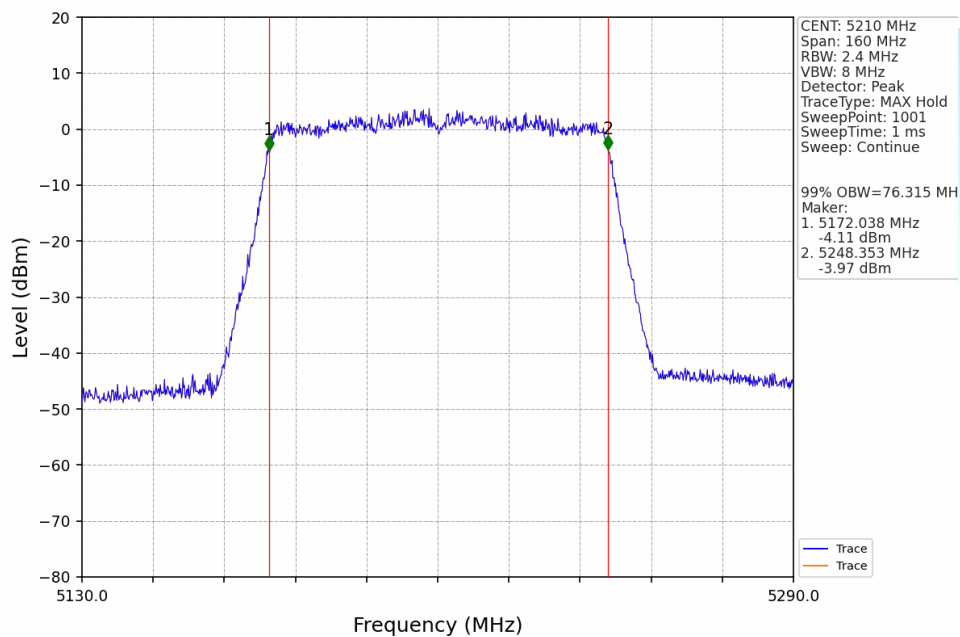
802.11ac(VHT40) LCH 5190MHz Ant1_NTNV



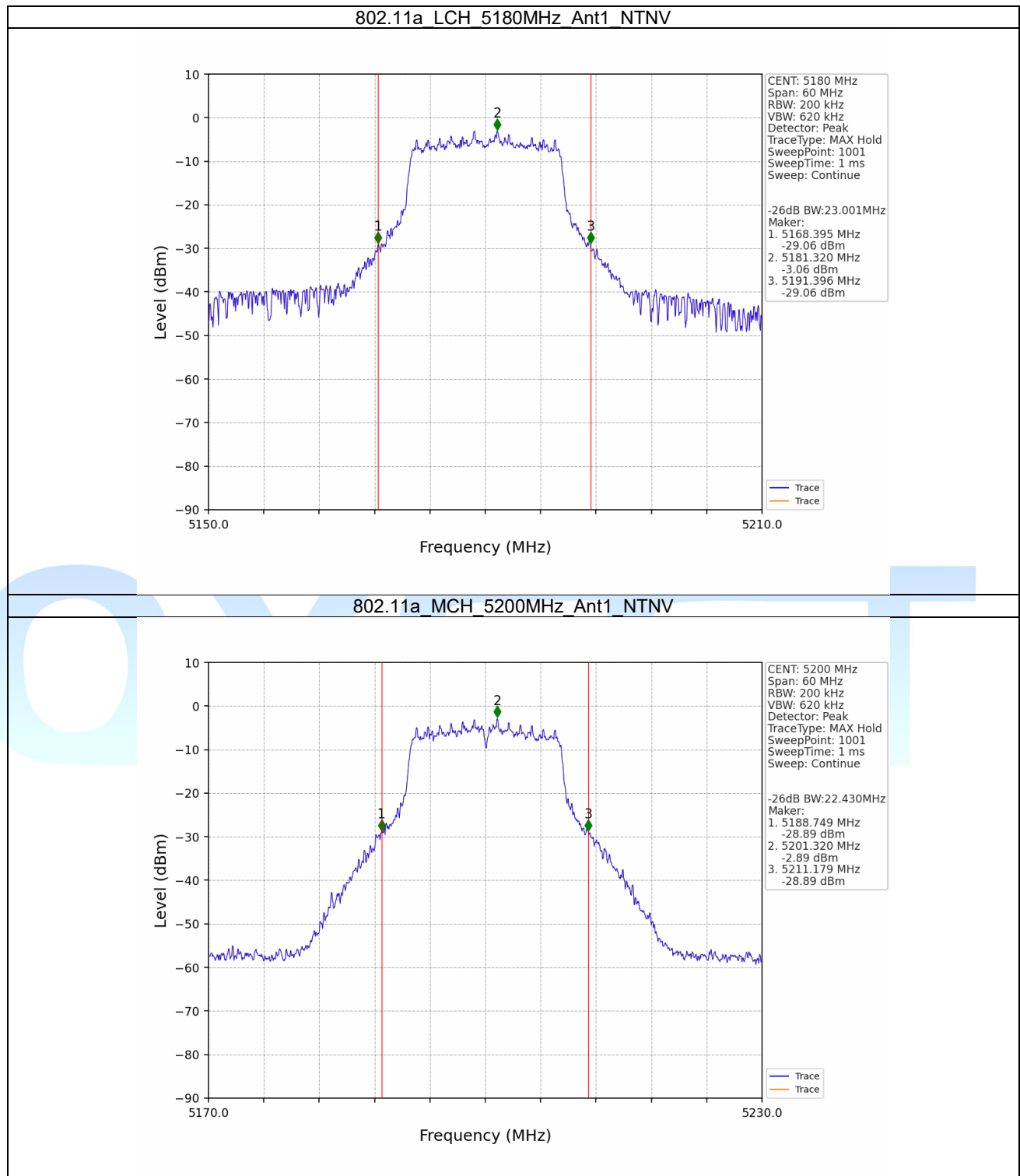
802.11ac(VHT40) HCH 5230MHz Ant1_NTNV



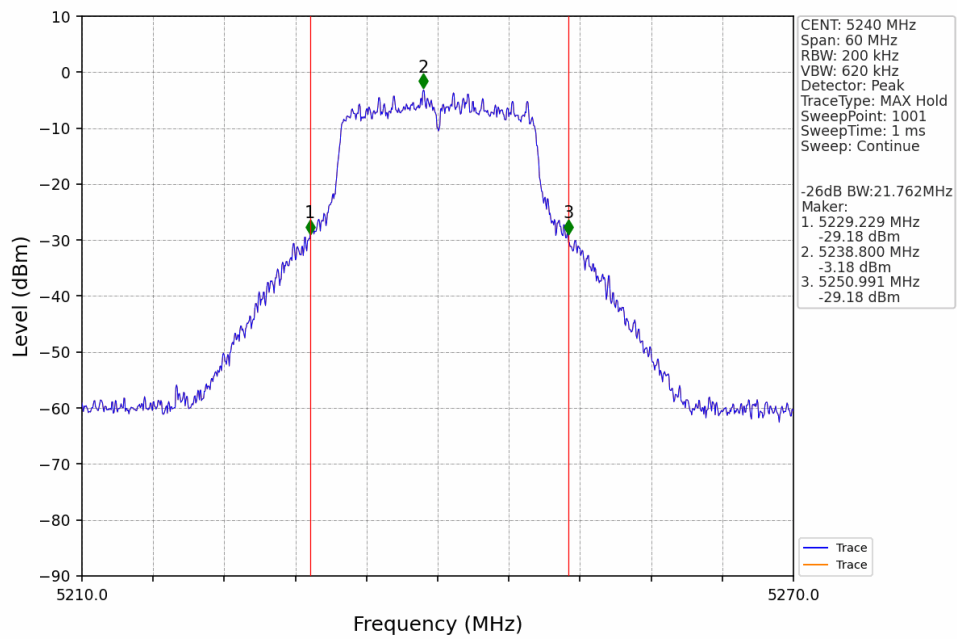
802.11ac(VHT80) MCH 5210MHz Ant1_NTNV



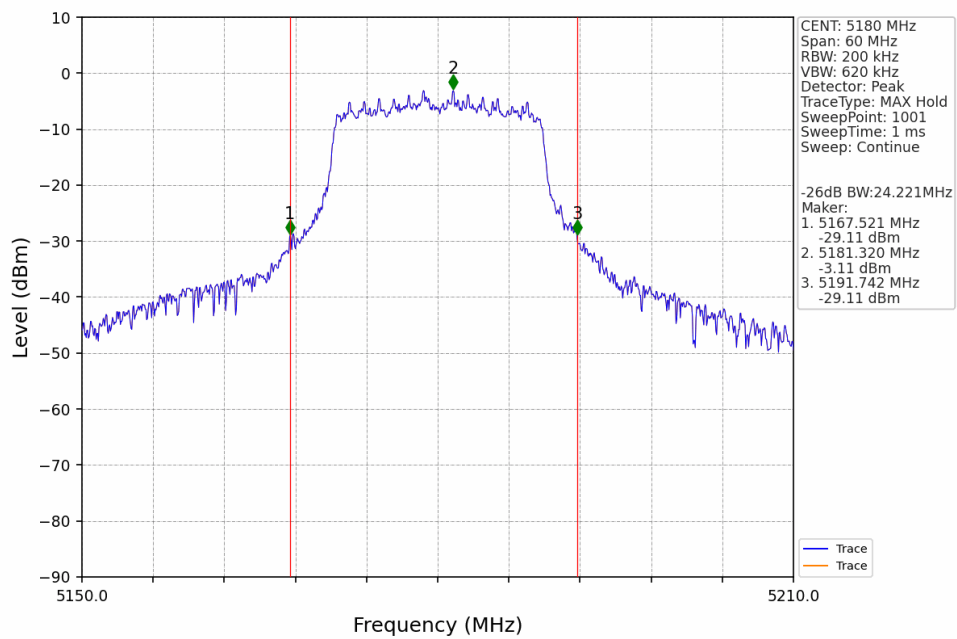
2.2.2 26dB BW



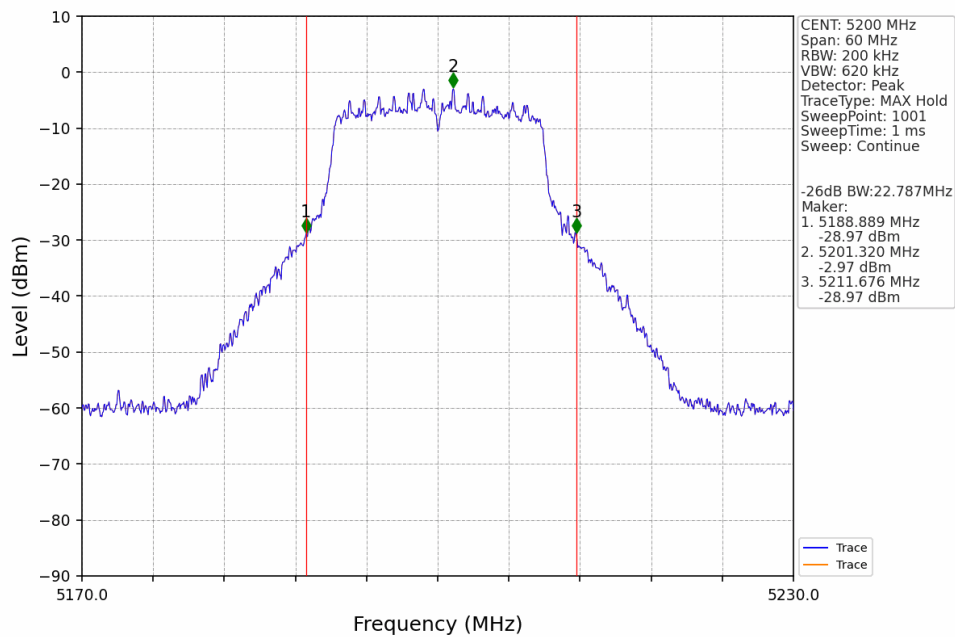
802.11a_HCH_5240MHz_Ant1_NTNV



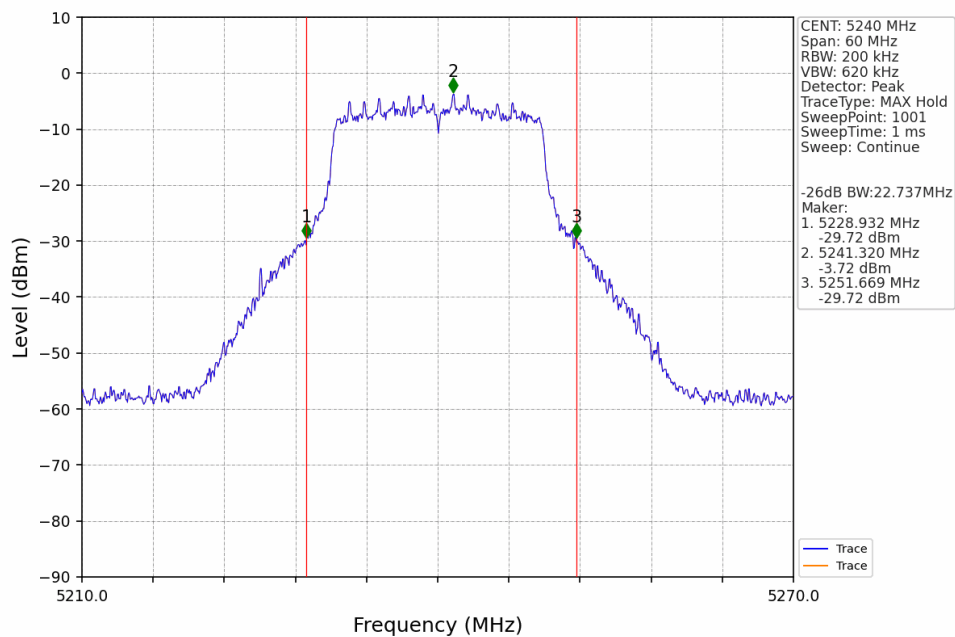
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



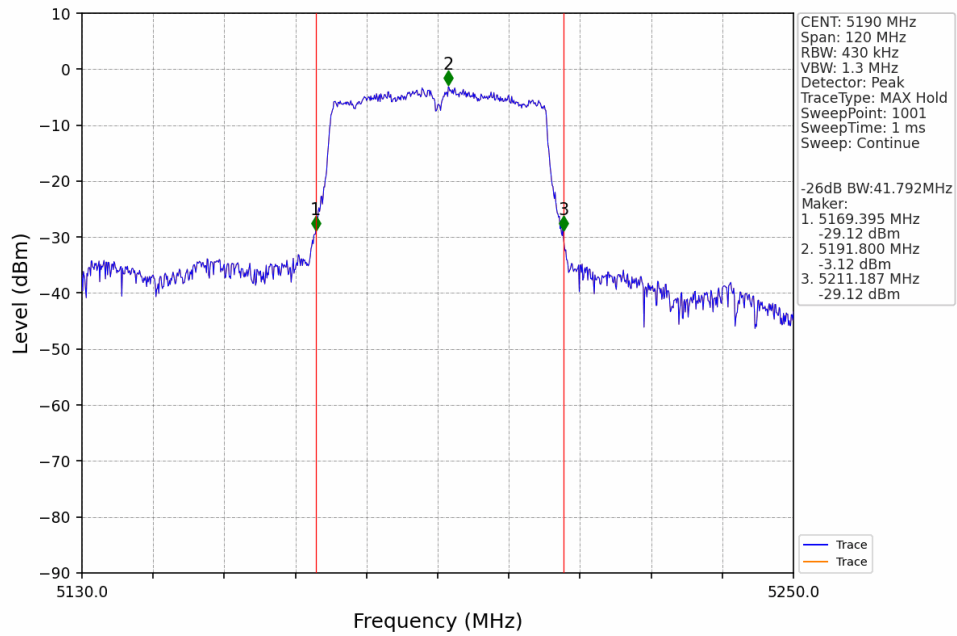
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



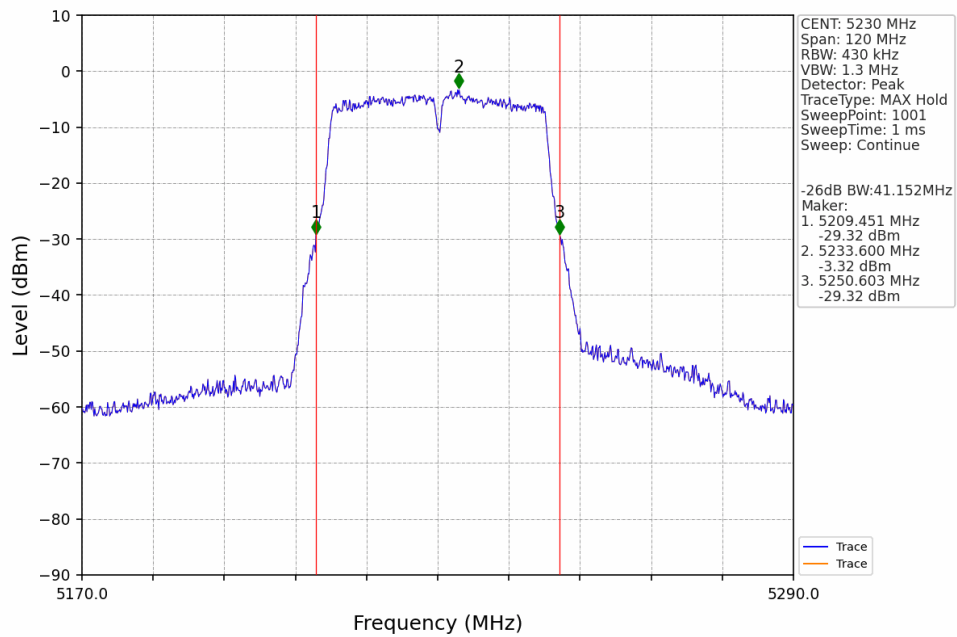
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



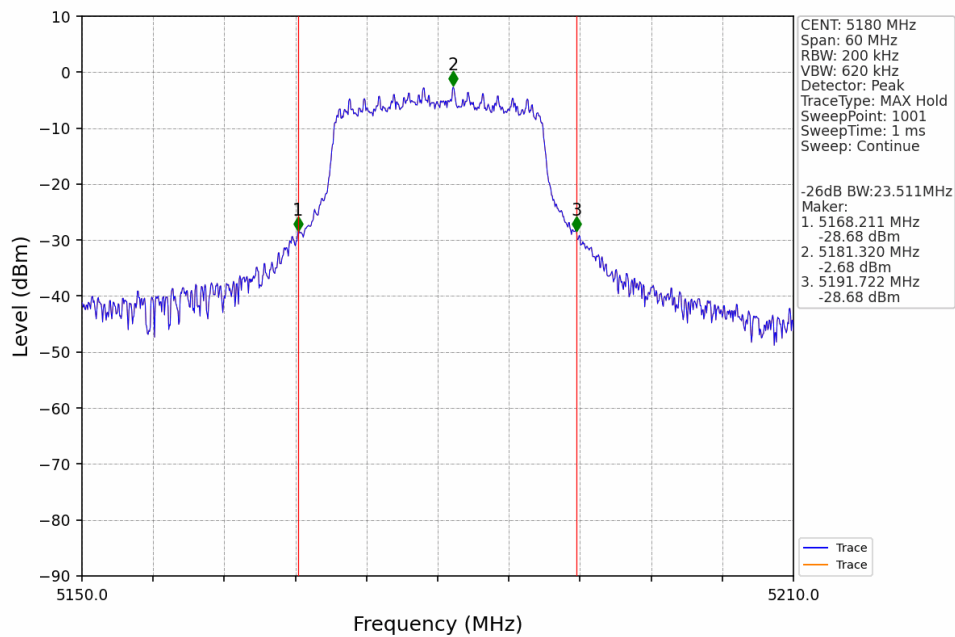
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



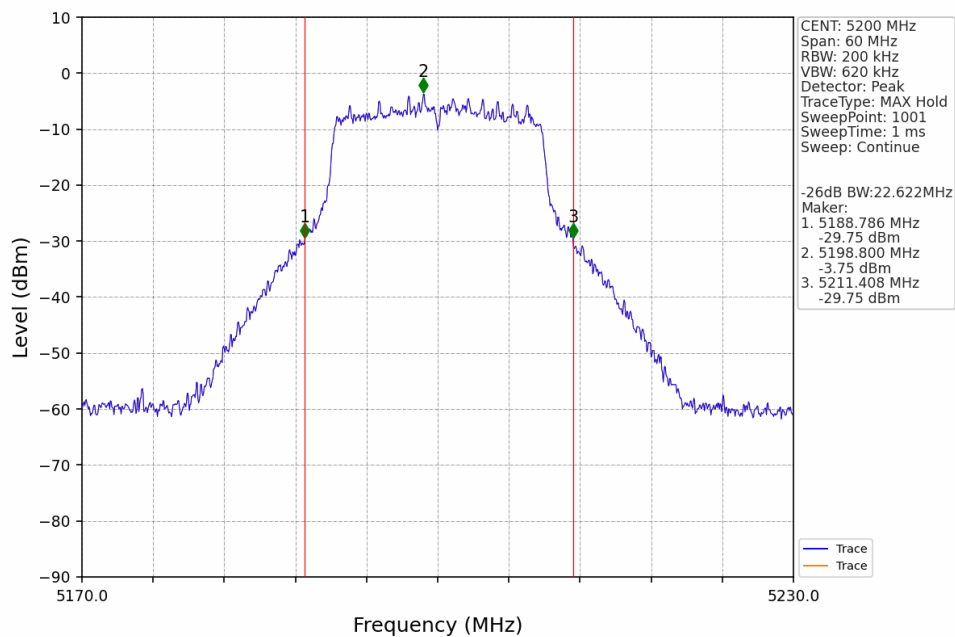
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



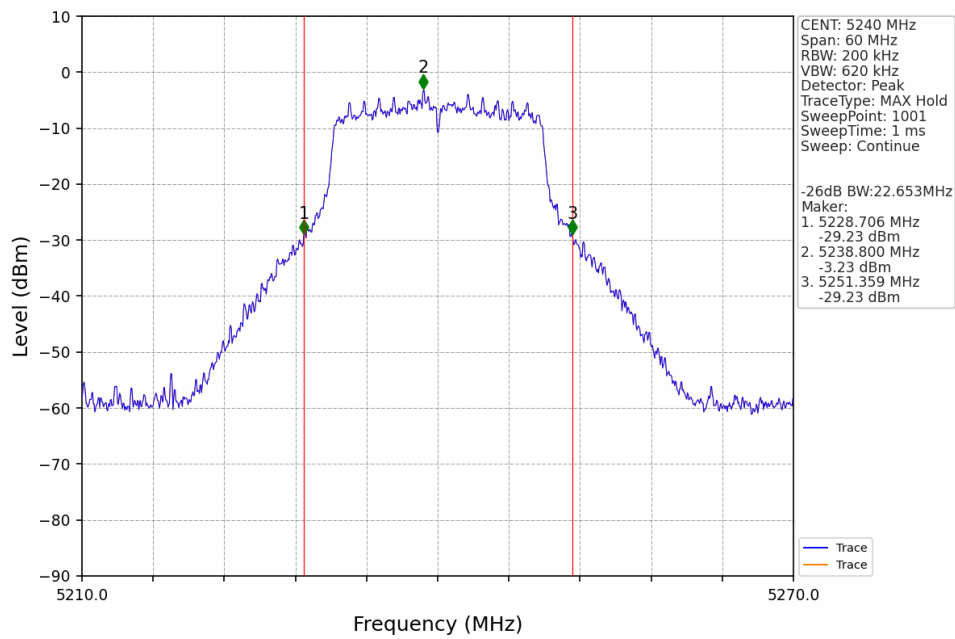
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



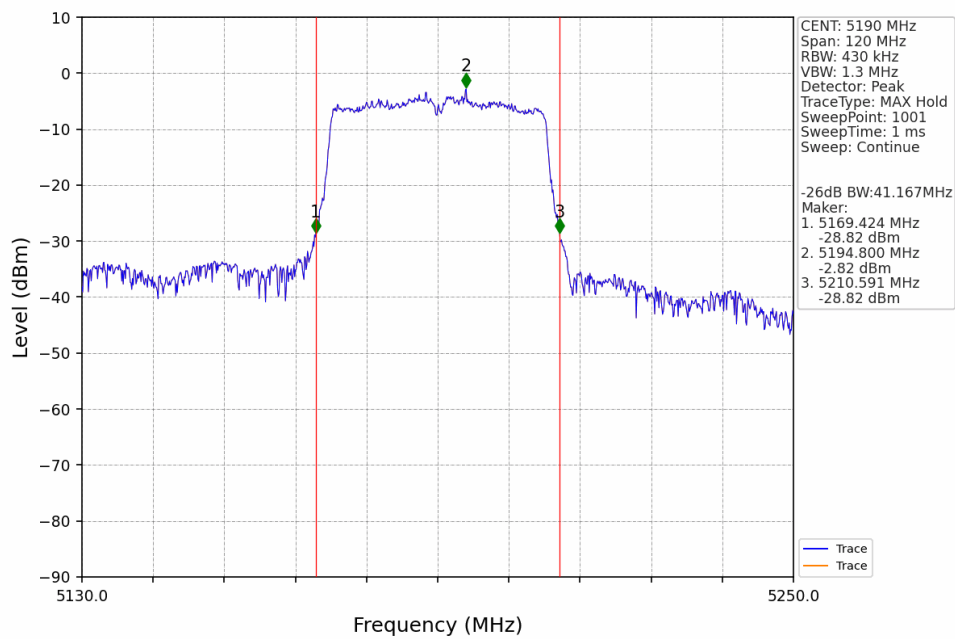
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



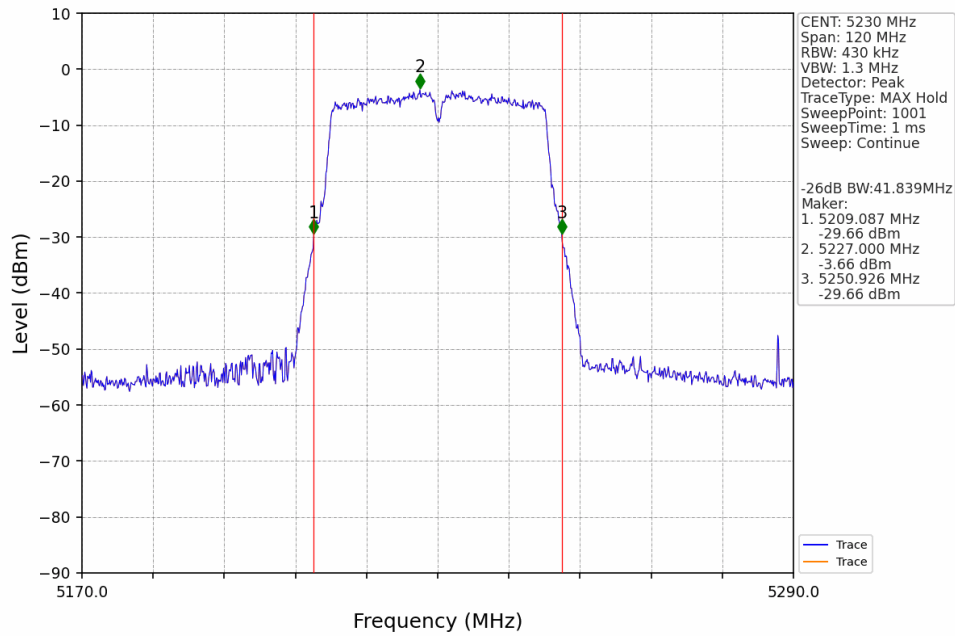
802.11ac(VHT20) HCH 5240MHz_Ant1_NTNV



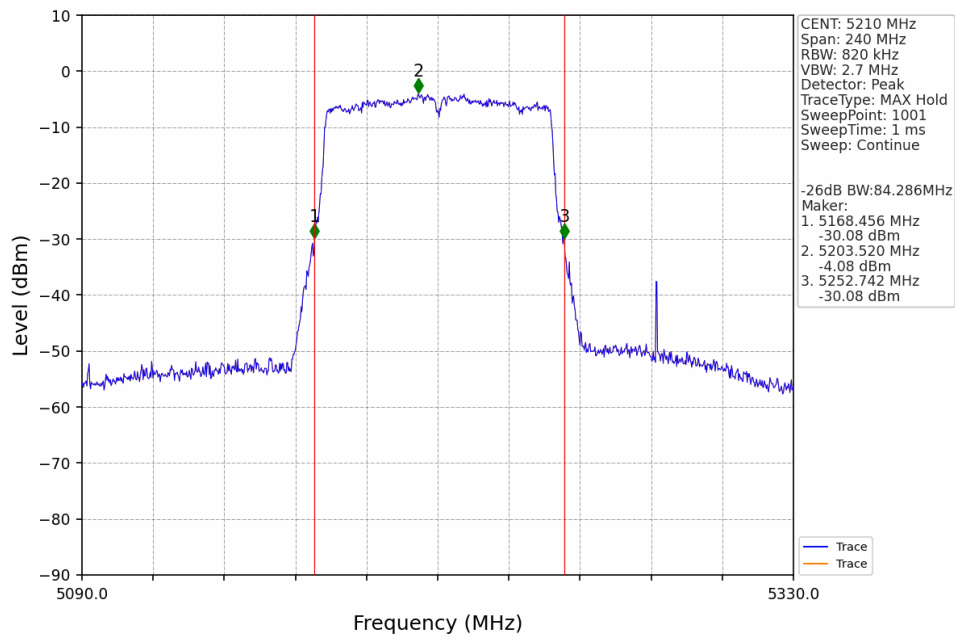
802.11ac(VHT40) LCH 5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	5.58	<=23.98	Pass
		5200	5.74	<=23.98	Pass
		5240	5.45	<=23.98	Pass
802.11n (HT20)	SISO	5180	5.50	<=23.98	Pass
		5200	5.47	<=23.98	Pass
		5240	5.33	<=23.98	Pass
802.11n (HT40)	SISO	5190	5.81	<=23.98	Pass
		5230	6.27	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	5.35	<=23.98	Pass
		5200	5.27	<=23.98	Pass
		5240	5.15	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	6.01	<=23.98	Pass
		5230	5.78	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	6.31	<=23.98	Pass

Note1: Antenna Gain: Ant1: 2.00dBi;

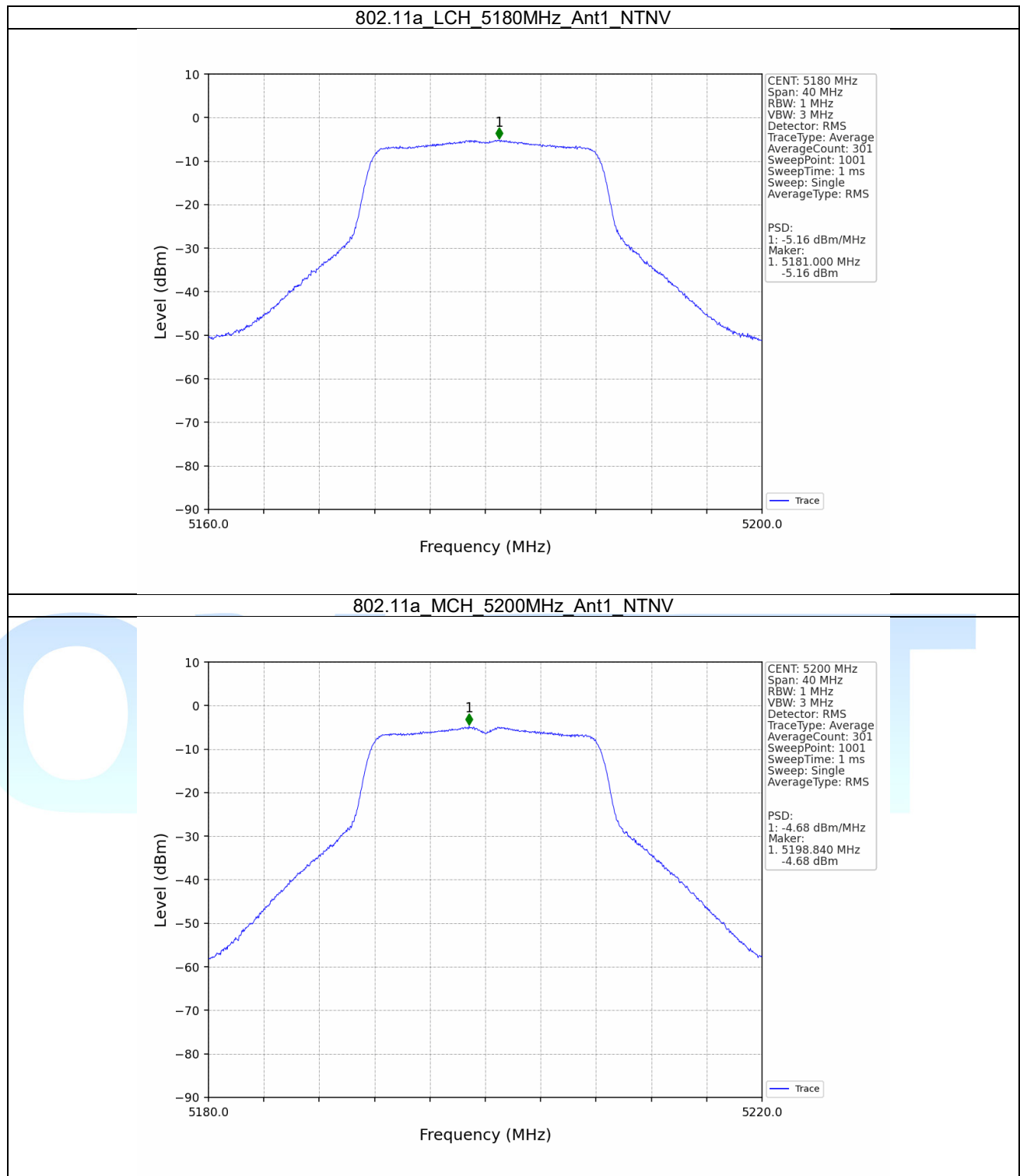
4. Maximum Power Spectral Density

4.1 Test Result

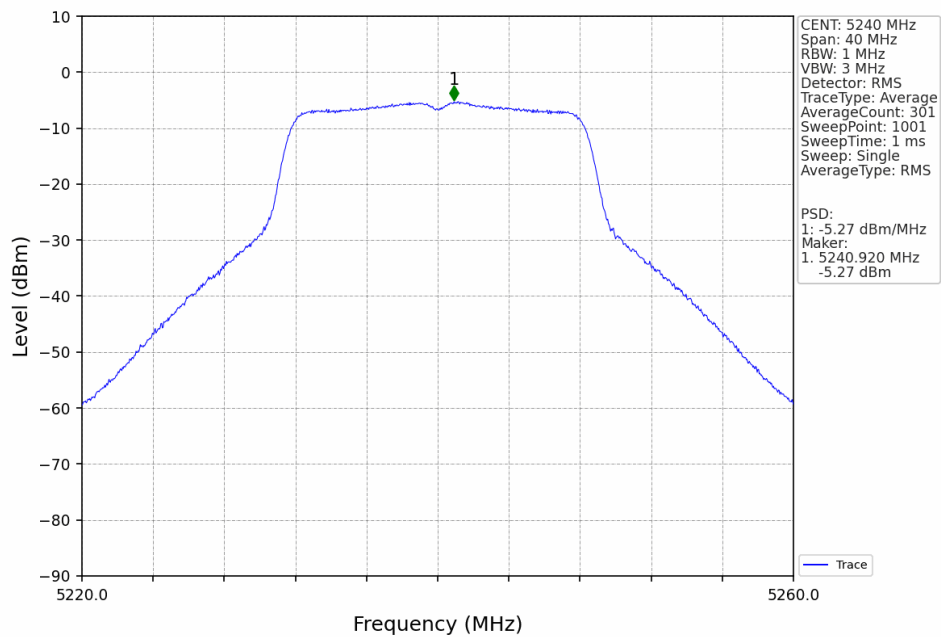
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-5.16	<=11	Pass
		5200	-4.68	<=11	Pass
		5240	-5.27	<=11	Pass
802.11n (HT20)	SISO	5180	-5.39	<=11	Pass
		5200	-5.43	<=11	Pass
		5240	-5.56	<=11	Pass
802.11n (HT40)	SISO	5190	-8.19	<=11	Pass
		5230	-7.62	<=11	Pass
802.11ac (VHT20)	SISO	5180	-5.60	<=11	Pass
		5200	-5.48	<=11	Pass
		5240	-5.81	<=11	Pass
802.11ac (VHT40)	SISO	5190	-7.83	<=11	Pass
		5230	-7.94	<=11	Pass
802.11ac (VHT80)	SISO	5210	-10.87	<=11	Pass

Note1: Antenna Gain: Ant1: 2.00dBi;

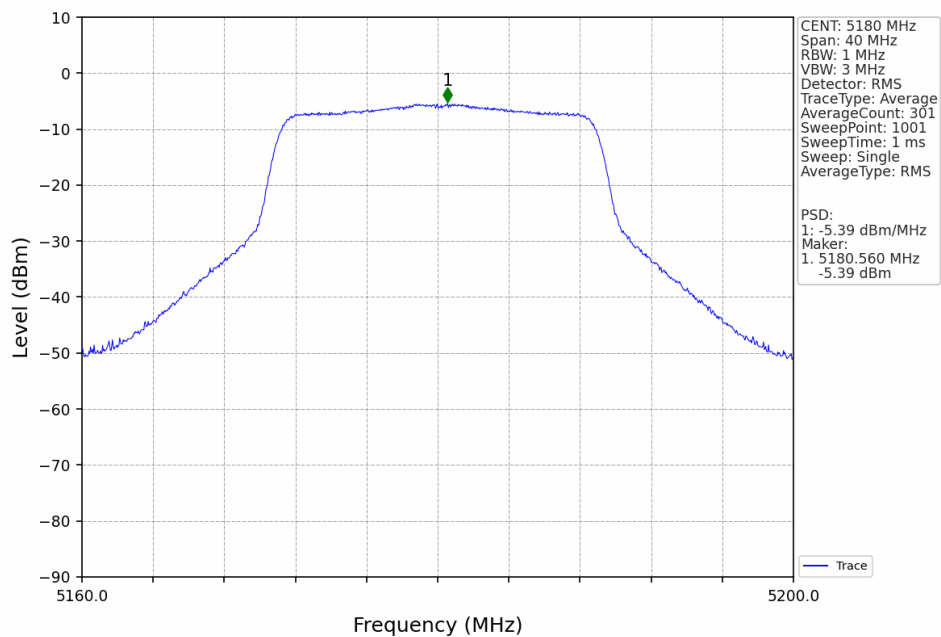
4.2 Test Graph



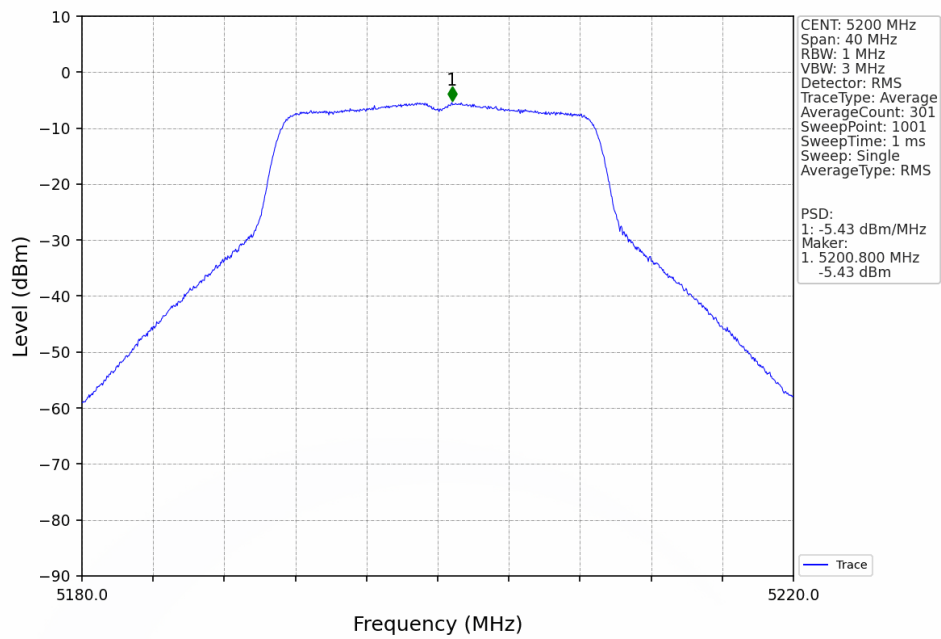
802.11a_HCH_5240MHz_Ant1_NTNV



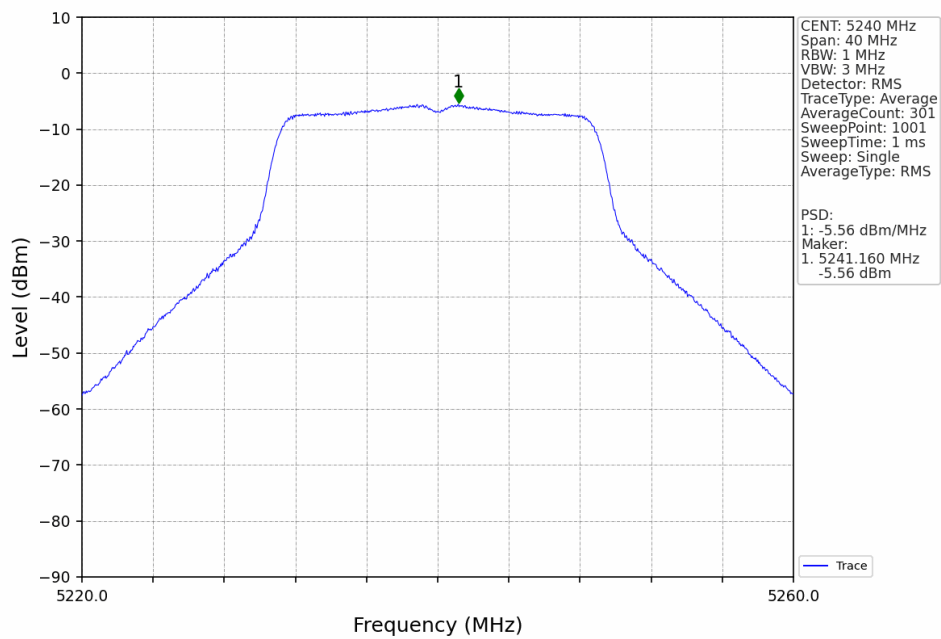
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



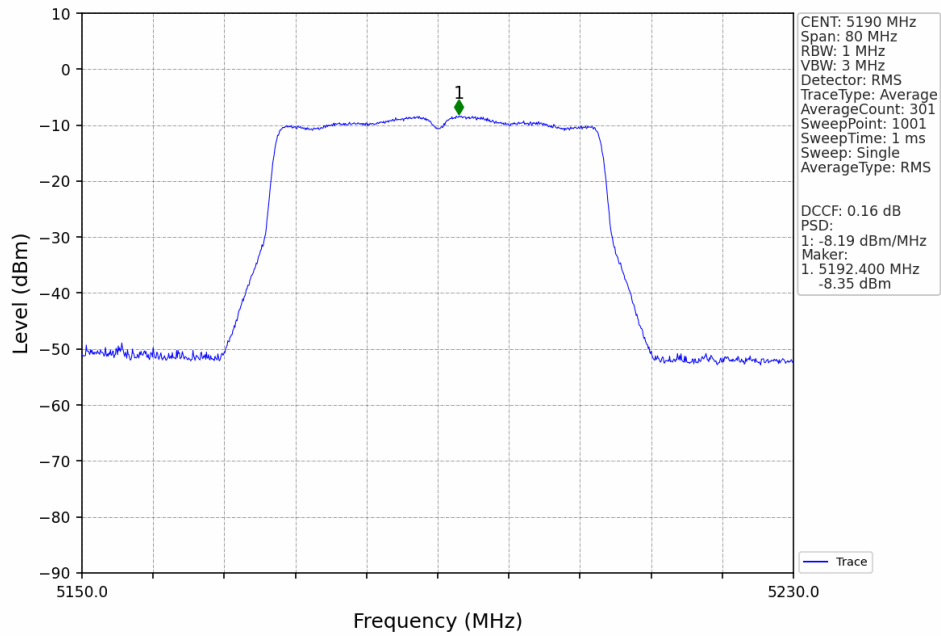
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



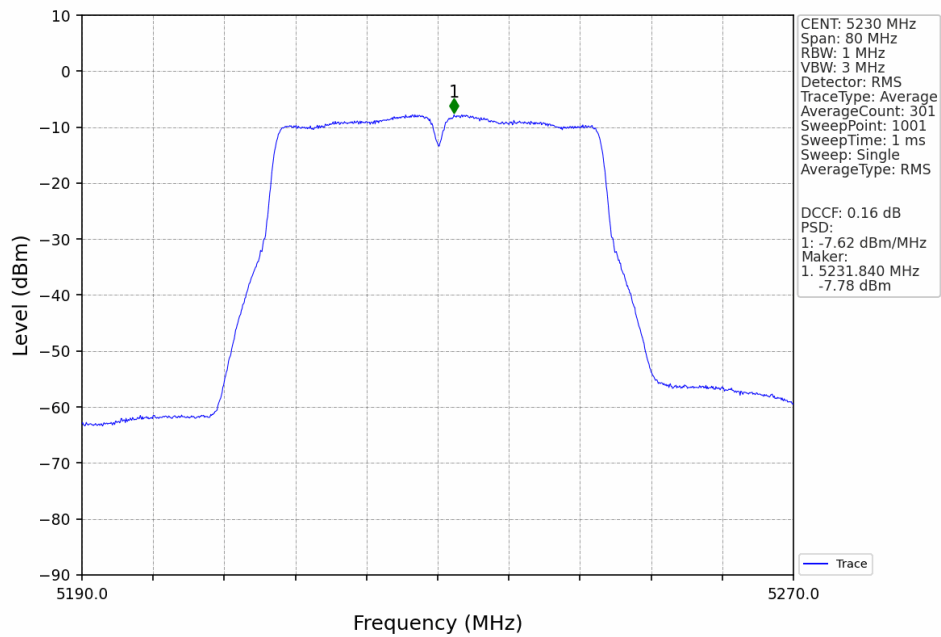
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



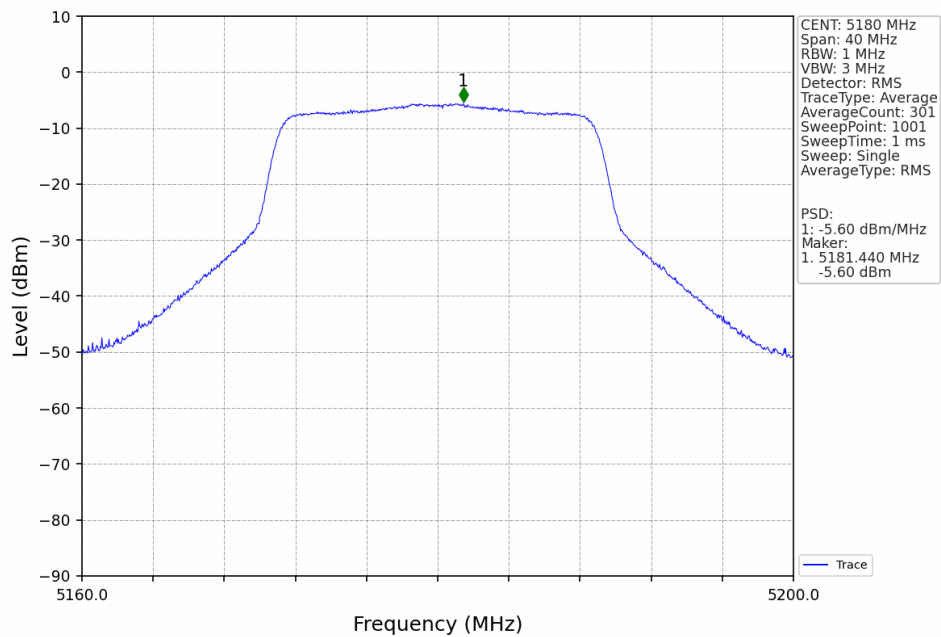
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



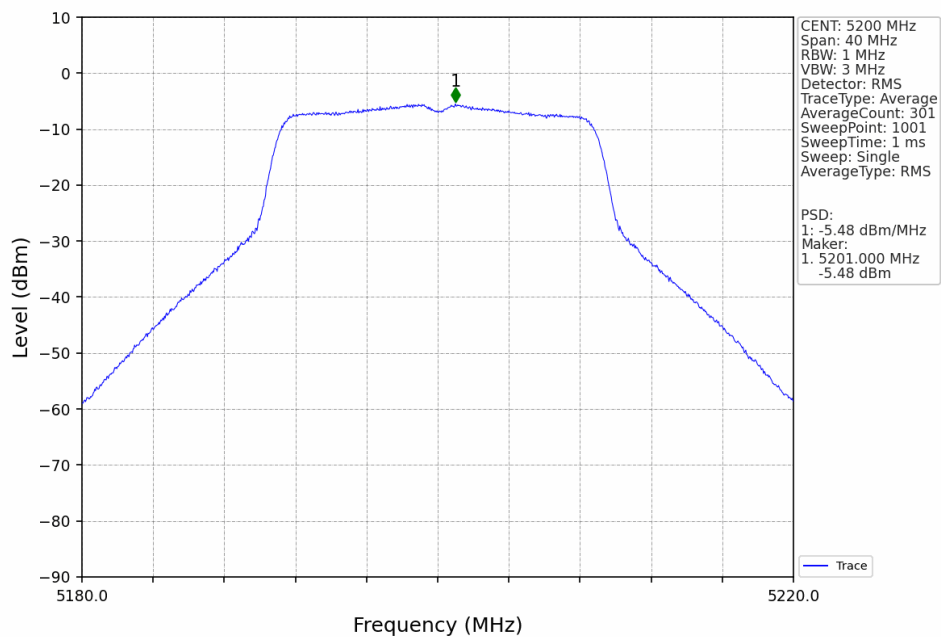
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



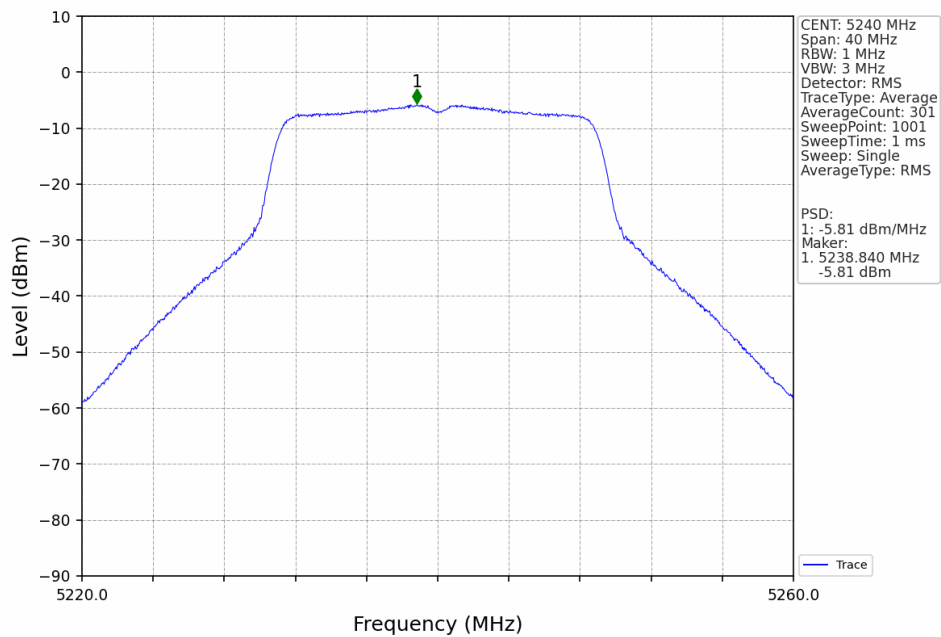
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



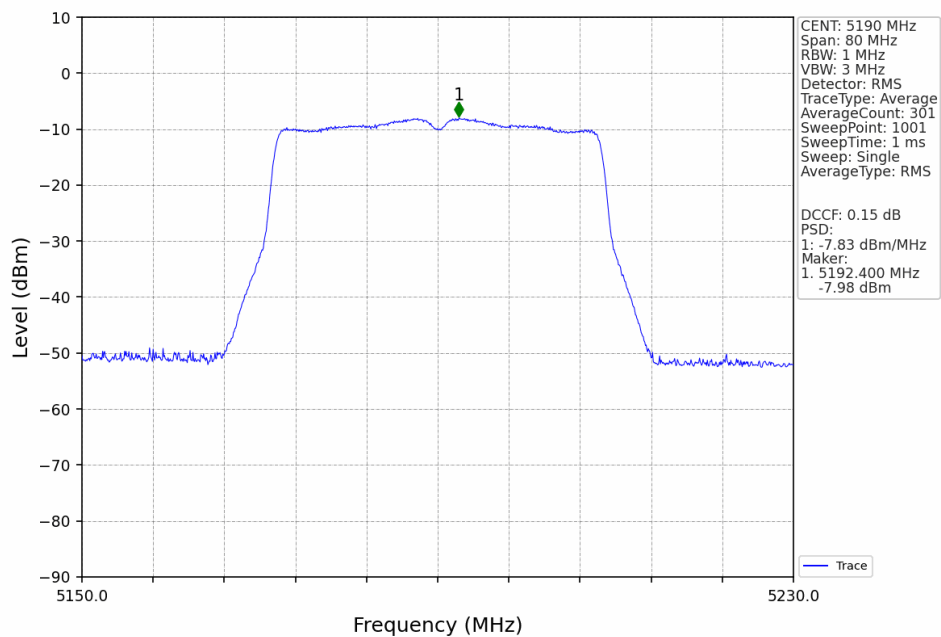
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



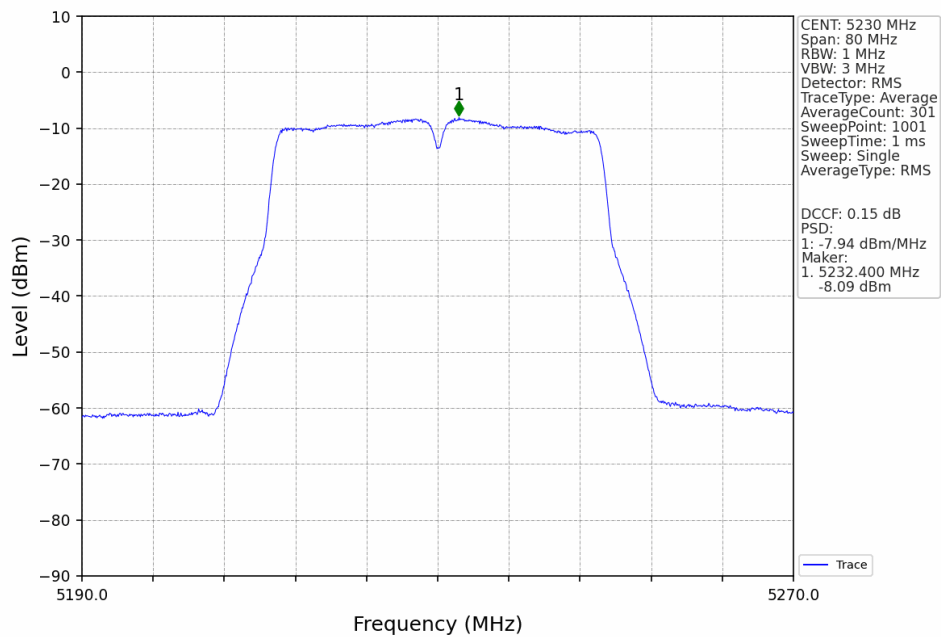
802.11ac(VHT20) HCH 5240MHz Ant1_NTNV



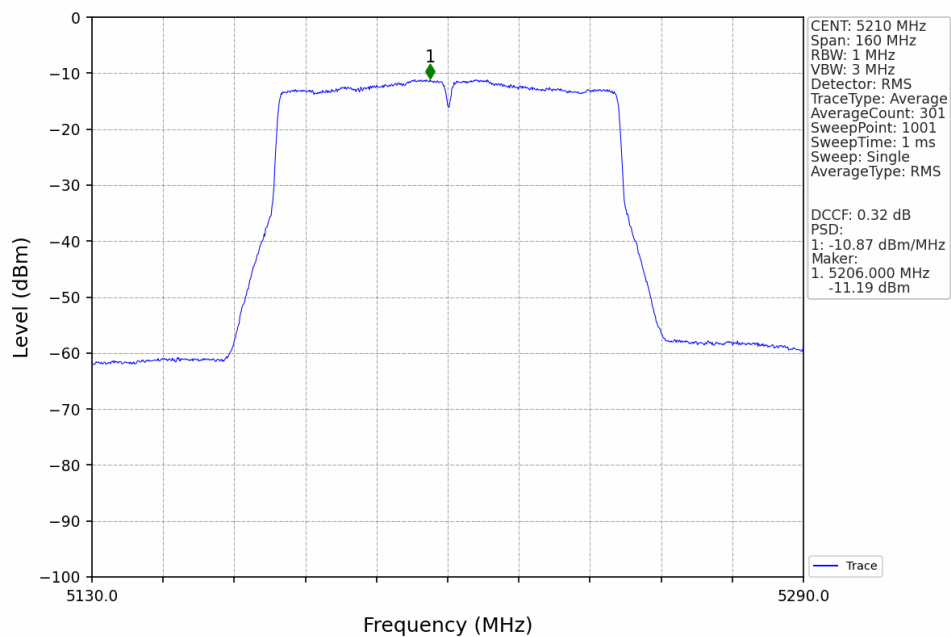
802.11ac(VHT40) LCH 5190MHz Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

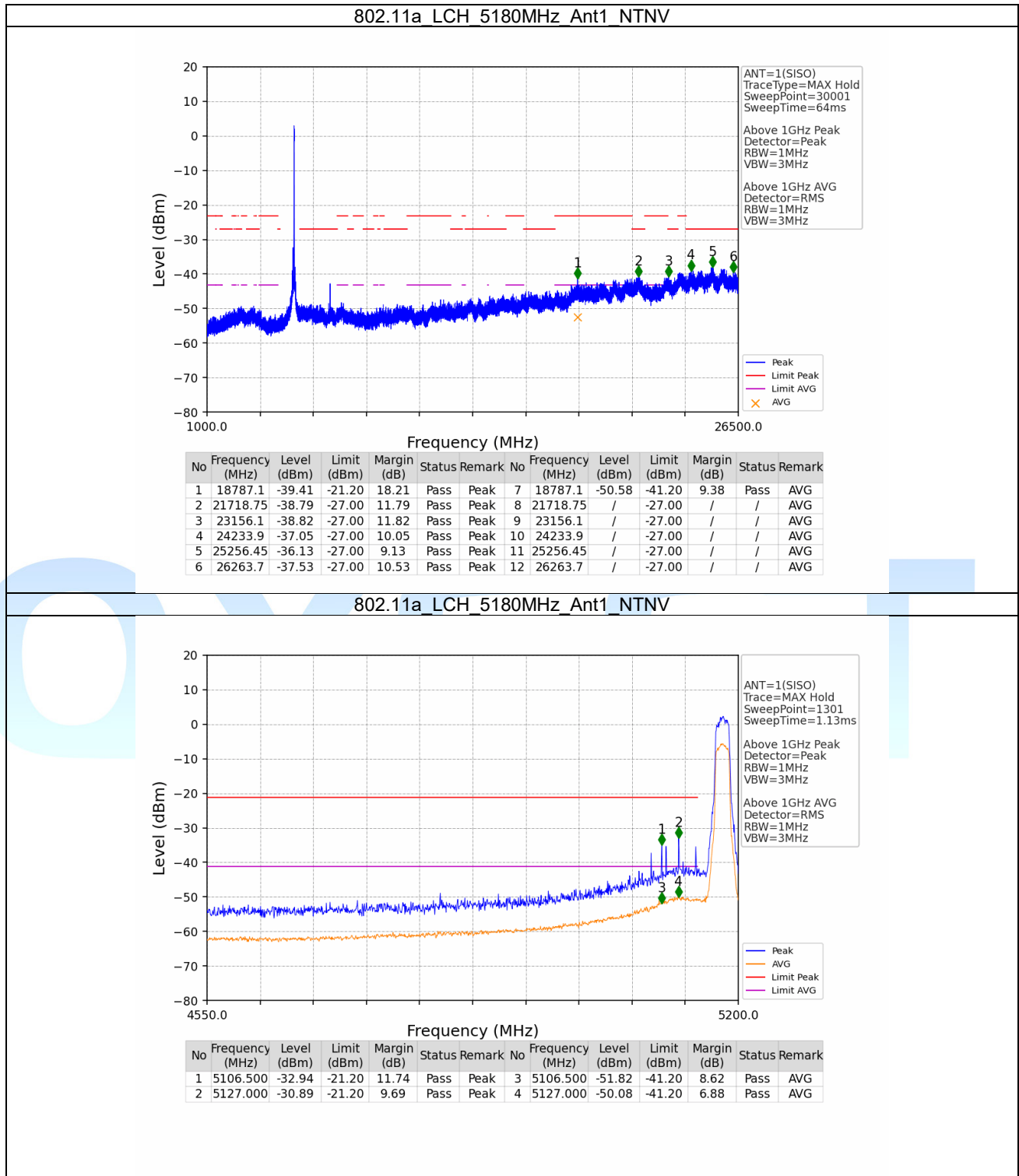
5.1 Test Result

5.1.1 RSE

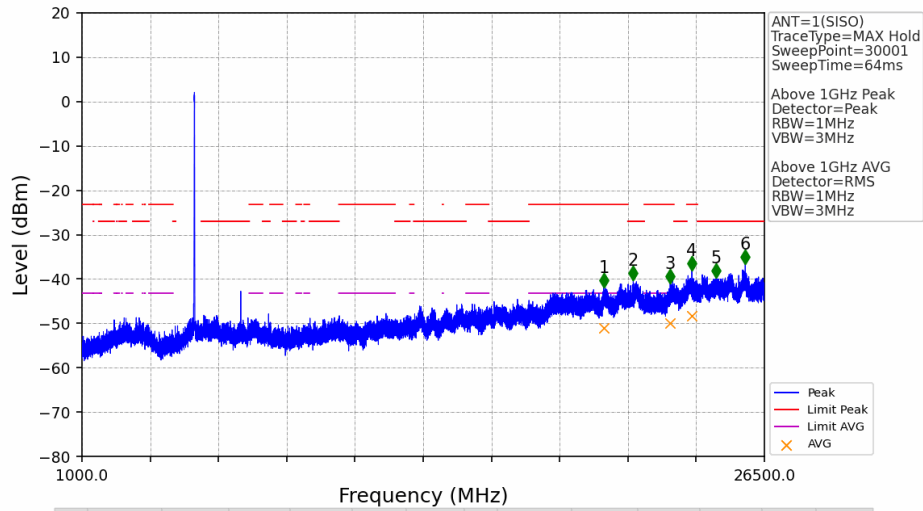
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	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
802.11ac (VHT80)	SISO	5210	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

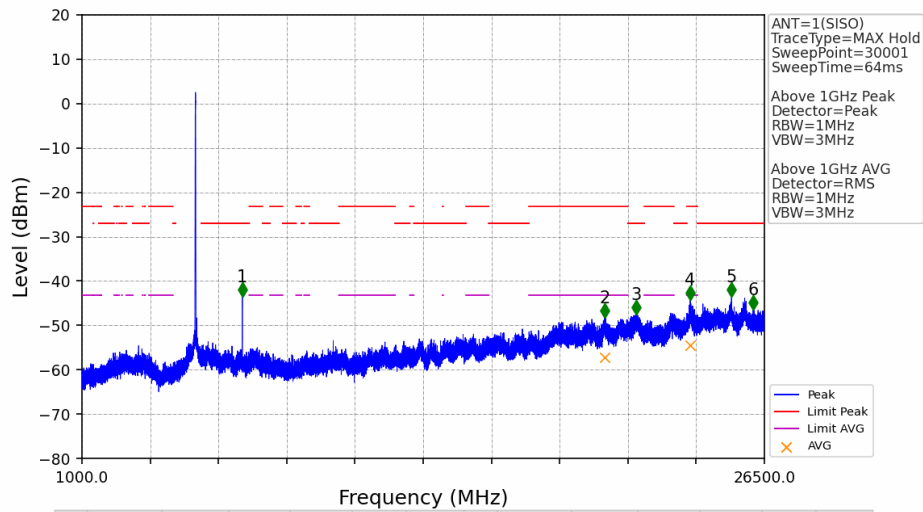


802.11a_MCH_5200MHz_Ant1_NTNV



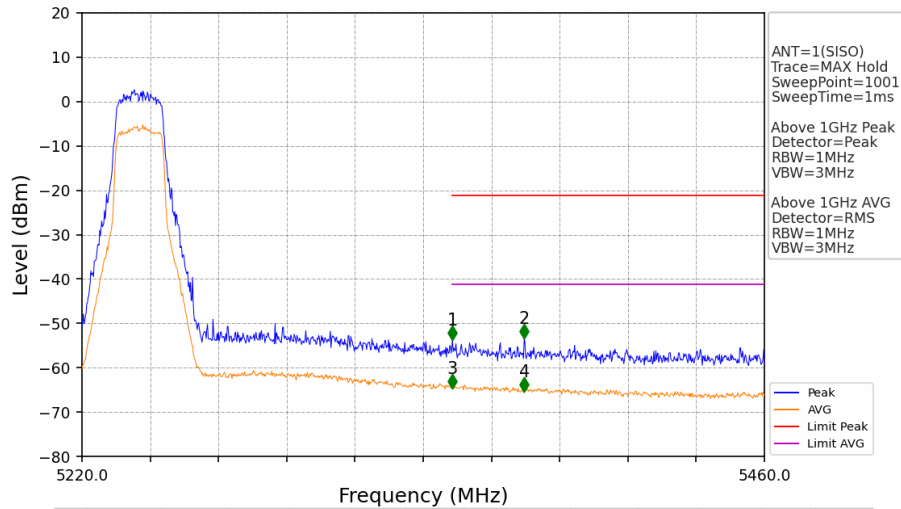
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20497.3	-39.91	-21.20	18.71	Pass	Peak	7	20497.3	-48.95	-41.20	7.75	Pass	AVG
2	21598.05	-38.32	-27.00	11.32	Pass	Peak	8	21598.05	/	-27.00	/	/	AVG
3	22978.45	-39.01	-21.20	17.81	Pass	Peak	9	22978.45	-47.91	-41.20	6.71	Pass	AVG
4	23790.2	-36.11	-21.20	14.91	Pass	Peak	10	23790.2	-46.37	-41.20	5.17	Pass	AVG
5	24700.55	-37.70	-27.00	10.70	Pass	Peak	11	24700.55	/	-27.00	/	/	AVG
6	25783.45	-34.56	-27.00	7.56	Pass	Peak	12	25783.45	/	-27.00	/	/	AVG

802.11a_HCH_5240MHz_Ant1_NTNV

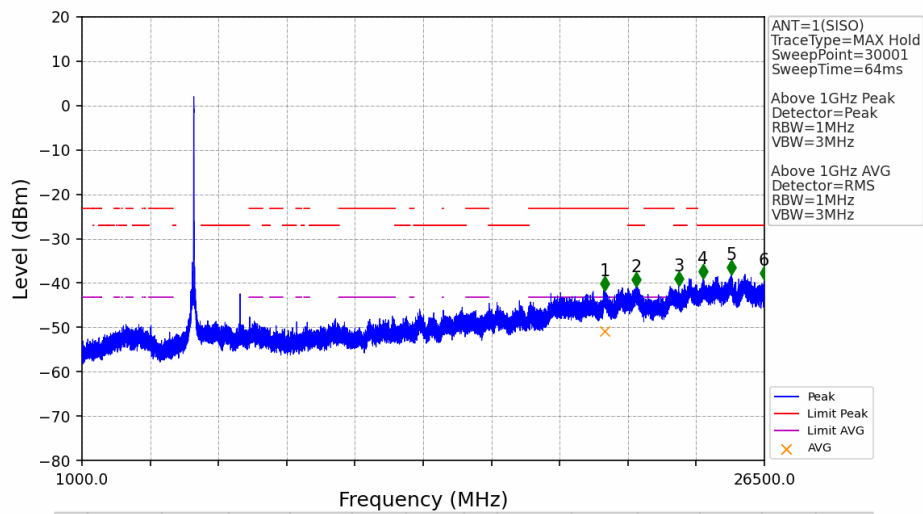


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	6986.55	-41.52	-27.00	14.52	Pass	Peak	7	6986.55	/	-27.00	/	/	AVG
2	20529.6	-46.33	-21.20	25.13	Pass	Peak	8	20529.6	-55.17	-41.20	13.97	Pass	AVG
3	21714.5	-45.51	-27.00	18.51	Pass	Peak	9	21714.5	/	-27.00	/	/	AVG
4	23730.7	-42.19	-21.20	20.99	Pass	Peak	10	23730.7	-52.58	-41.20	11.38	Pass	AVG
5	25270.9	-41.55	-27.00	14.55	Pass	Peak	11	25270.9	/	-27.00	/	/	AVG
6	26080.1	-44.45	-27.00	17.45	Pass	Peak	12	26080.1	/	-27.00	/	/	AVG

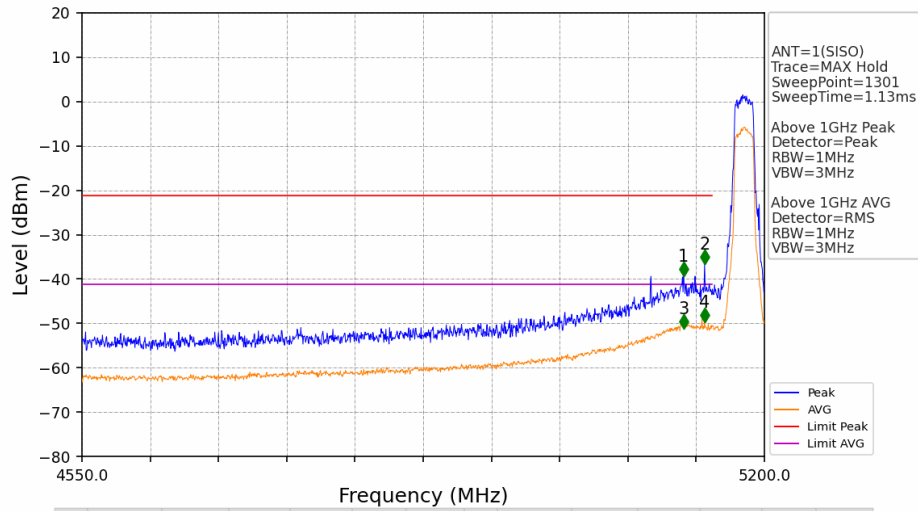
802.11a_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

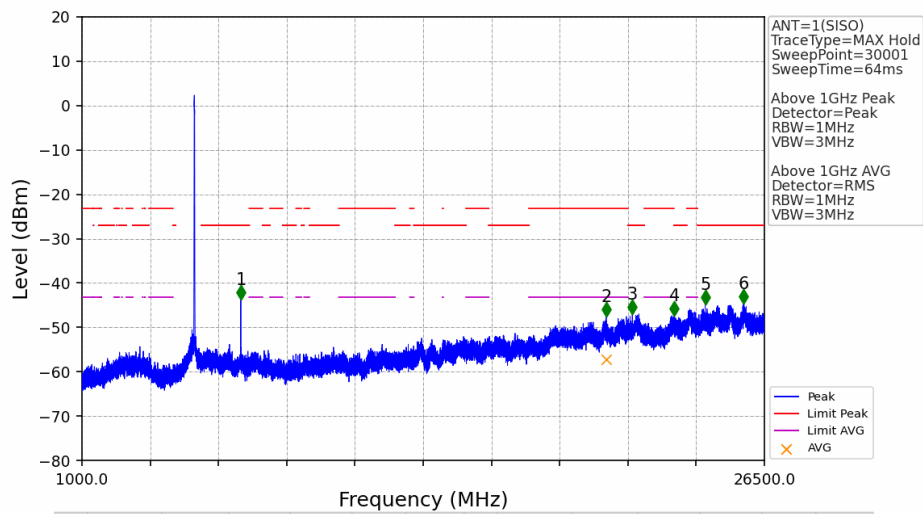


802.11n(HT20) LCH_5180MHz_Ant1_NTNV



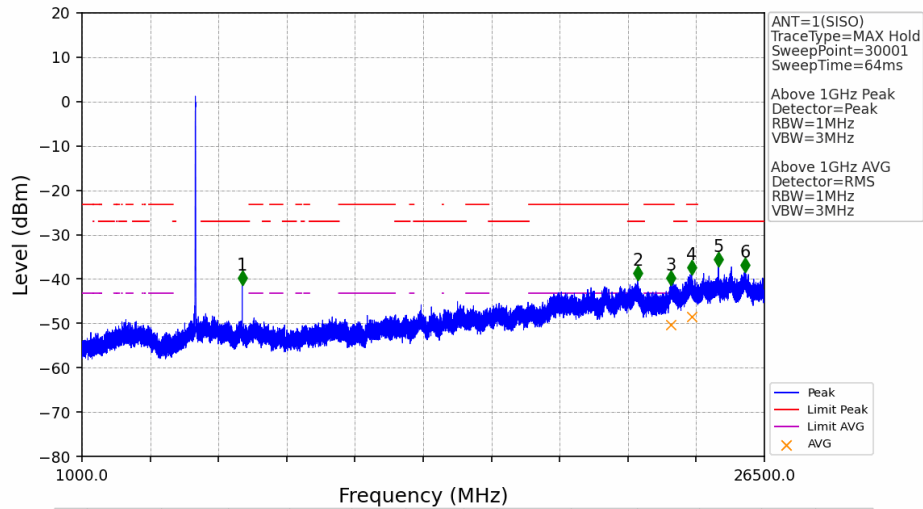
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5123.000	-37.38	-21.20	16.18	Pass	Peak	3	5123.000	-51.09	-41.20	7.89	Pass	AVG
2	5143.000	-34.68	-21.20	13.48	Pass	Peak	4	5143.000	-49.76	-41.20	6.56	Pass	AVG

802.11n(HT20) MCH_5200MHz_Ant1_NTNV



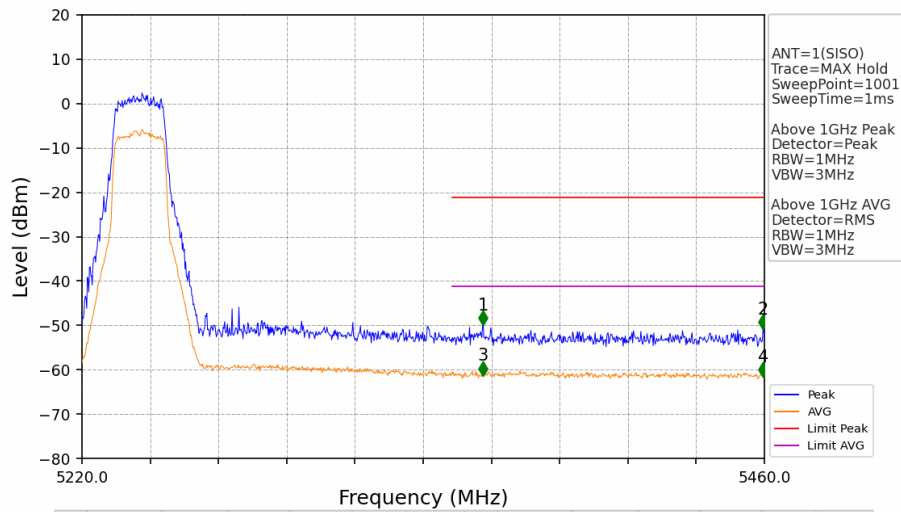
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	6933.85	-41.64	-27.00	14.64	Pass	Peak	7	6933.85	/	-27.00	/	/	AVG
2	20587.4	-45.57	-21.20	24.37	Pass	Peak	8	20587.4	-55.28	-41.20	14.08	Pass	AVG
3	21565.75	-44.96	-27.00	17.96	Pass	Peak	9	21565.75	/	-27.00	/	/	AVG
4	23134	-45.26	-27.00	18.26	Pass	Peak	10	23134	/	-27.00	/	/	AVG
5	24284.9	-42.80	-27.00	15.80	Pass	Peak	11	24284.9	/	-27.00	/	/	AVG
6	25712.05	-42.61	-27.00	15.61	Pass	Peak	12	25712.05	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5240MHz_Ant1_NTNV



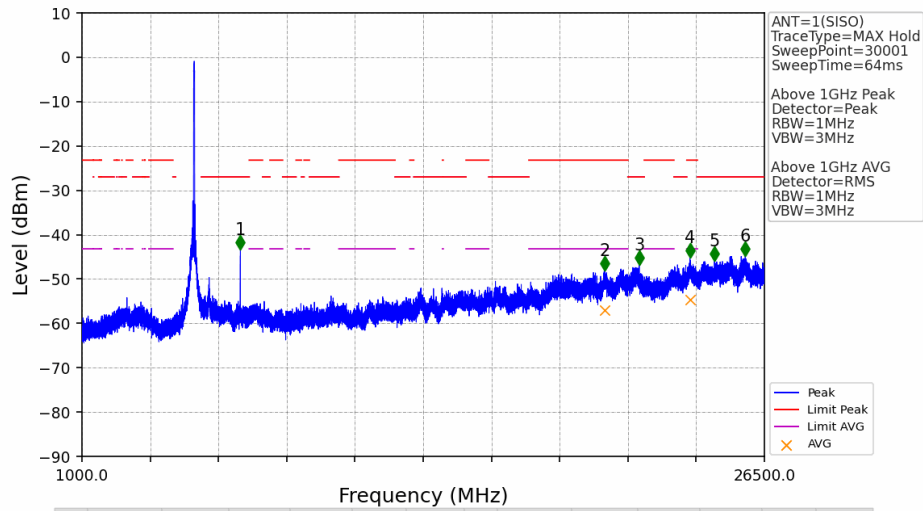
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	6987.4	-39.37	-27.00	12.37	Pass	Peak	7	6987.4	/	-27.00	/	/	AVG
2	21762.95	-38.20	-27.00	11.20	Pass	Peak	8	21762.95	/	-27.00	/	/	AVG
3	22997.15	-39.36	-21.20	18.16	Pass	Peak	9	22997.15	-48.25	-41.20	7.05	Pass	AVG
4	23780.85	-36.95	-21.20	15.75	Pass	Peak	10	23780.85	-46.51	-41.20	5.31	Pass	AVG
5	24783	-35.21	-27.00	8.21	Pass	Peak	11	24783	/	-27.00	/	/	AVG
6	25781.75	-36.43	-27.00	9.43	Pass	Peak	12	25781.75	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5240MHz_Ant1_NTNV



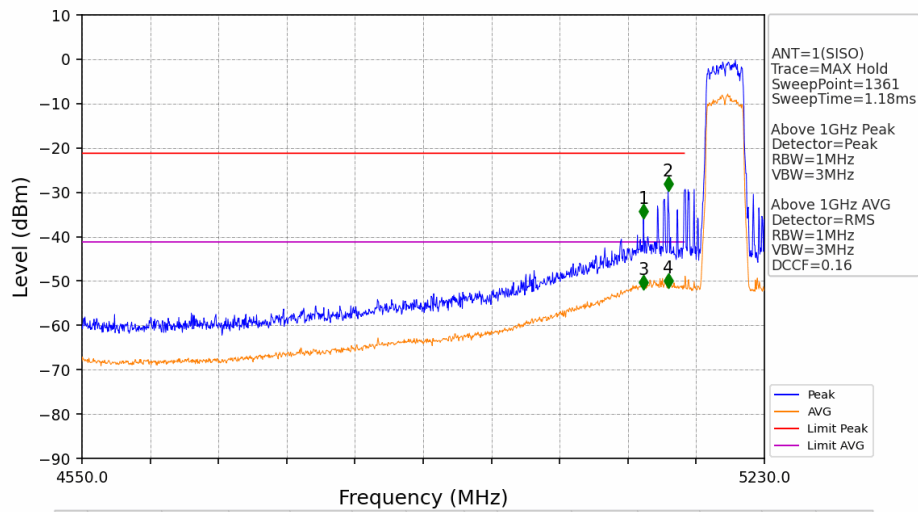
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5361.120	-47.97	-21.20	26.77	Pass	Peak	3	5361.120	-61.27	-41.20	18.07	Pass	AVG
2	5459.520	-48.79	-21.20	27.59	Pass	Peak	4	5459.520	-61.59	-41.20	18.39	Pass	AVG

802.11n(HT40) LCH 5190MHz_Ant1_NTNV



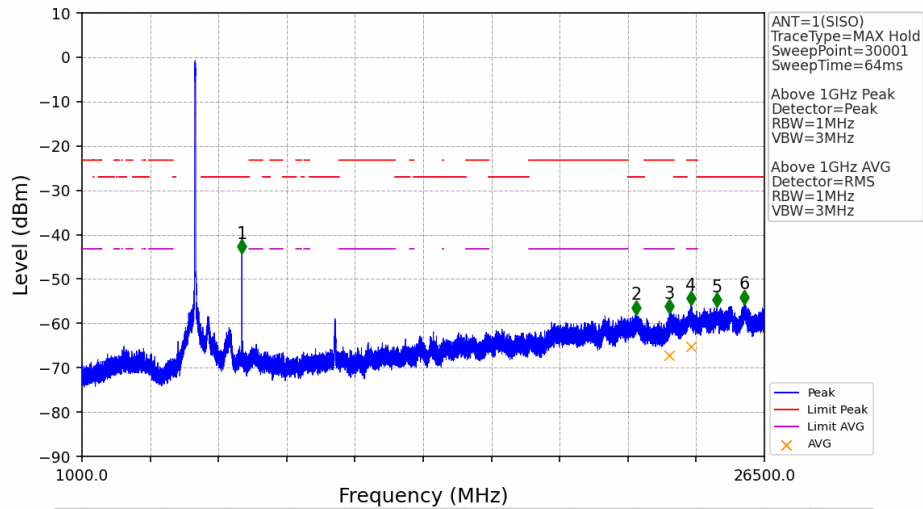
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	6920.25	-41.36	-27.00	14.36	Pass	Peak	7	6920.25	/	-27.00	/	/	AVG
2	20528.75	-45.97	-21.20	24.77	Pass	Peak	8	20528.75	-55.05	-41.20	13.85	Pass	AVG
3	21822.45	-44.85	-27.00	17.85	Pass	Peak	9	21822.45	/	-27.00	/	/	AVG
4	23714.55	-43.17	-21.20	21.97	Pass	Peak	10	23714.55	-52.60	-41.20	11.40	Pass	AVG
5	24634.25	-43.85	-27.00	16.85	Pass	Peak	11	24634.25	/	-27.00	/	/	AVG
6	25783.45	-42.69	-27.00	15.69	Pass	Peak	12	25783.45	/	-27.00	/	/	AVG

802.11n(HT40) LCH 5190MHz_Ant1_NTNV



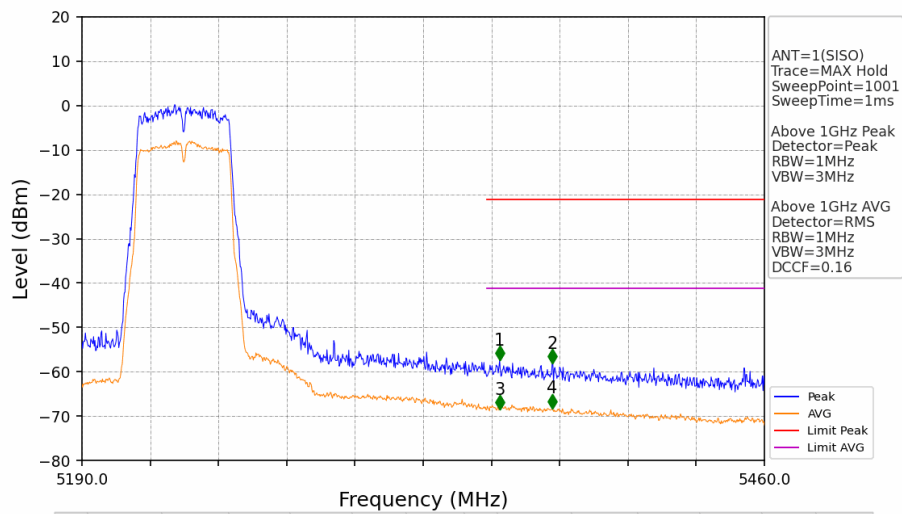
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5109.500	-33.86	-21.20	12.66	Pass	Peak	3	5109.500	-51.80	-41.20	8.60	Pass	AVG
2	5134.000	-27.73	-21.20	6.53	Pass	Peak	4	5134.000	-51.55	-41.20	8.35	Pass	AVG

802.11n(HT40) HCH 5230MHz_Ant1_NTNV



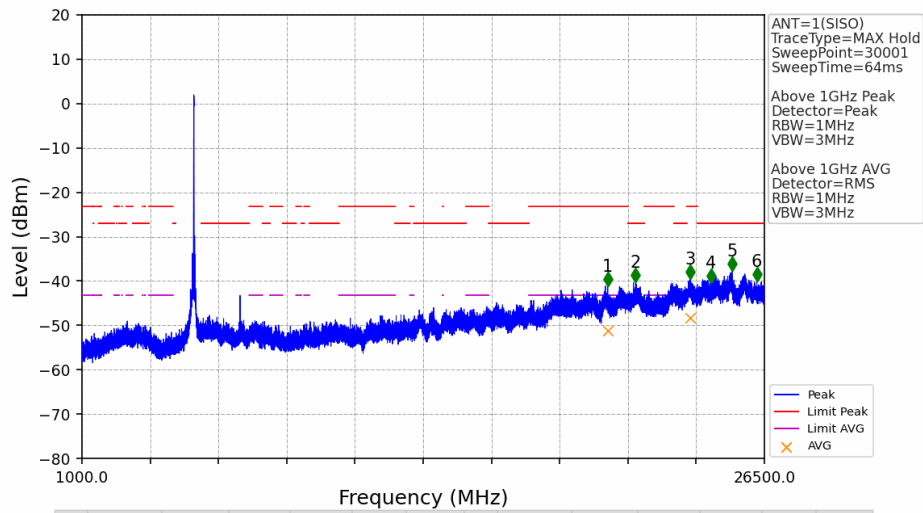
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	6973.8	-42.21	-27.00	15.21	Pass	Peak	7	6973.8	/	-27.00	/	/	AVG
2	21709.4	-55.98	-27.00	28.98	Pass	Peak	8	21709.4	/	-27.00	/	/	AVG
3	22951.25	-55.64	-21.20	34.44	Pass	Peak	9	22951.25	-65.19	-41.20	23.99	Pass	AVG
4	23749.4	-53.80	-21.20	32.60	Pass	Peak	10	23749.4	-63.30	-41.20	22.10	Pass	AVG
5	24728.6	-54.29	-27.00	27.29	Pass	Peak	11	24728.6	/	-27.00	/	/	AVG
6	25748.6	-53.61	-27.00	26.61	Pass	Peak	12	25748.6	/	-27.00	/	/	AVG

802.11n(HT40) HCH 5230MHz_Ant1_NTNV



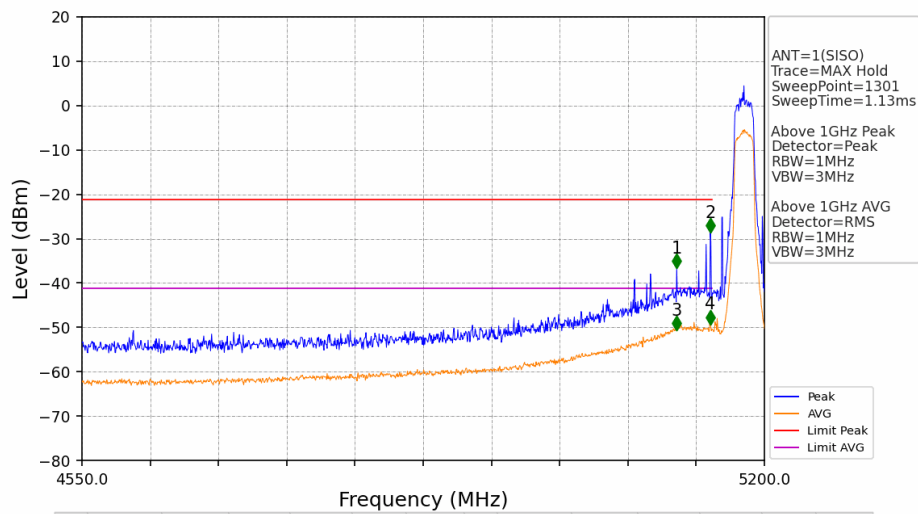
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5355.240	-55.36	-21.20	34.16	Pass	Peak	3	5355.240	-68.39	-41.20	25.19	Pass	AVG
2	5376.030	-56.08	-21.20	34.88	Pass	Peak	4	5376.030	-68.19	-41.20	24.99	Pass	AVG

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



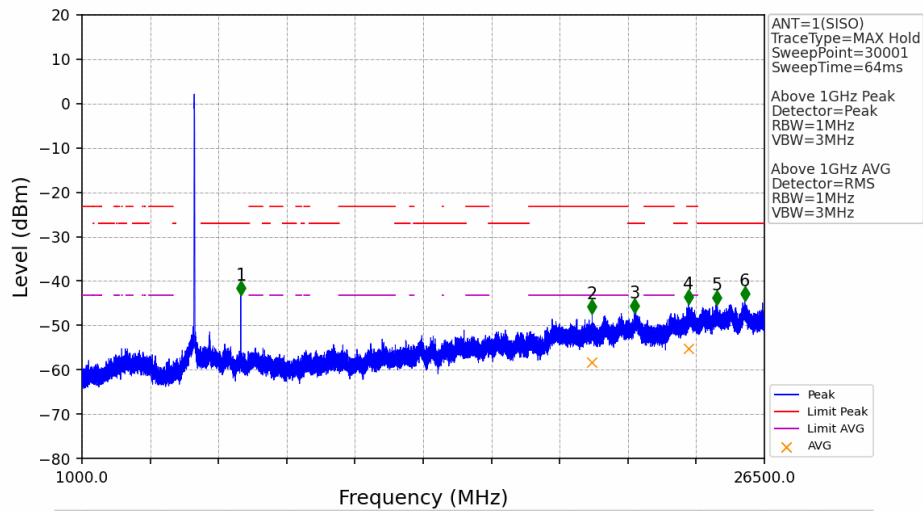
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20644.35	-39.09	-21.20	17.89	Pass	Peak	7	20644.35	-49.23	-41.20	8.03	Pass	AVG
2	21686.45	-38.23	-27.00	11.23	Pass	Peak	8	21686.45	/	-27.00	/	/	AVG
3	23714.55	-37.43	-21.20	16.23	Pass	Peak	9	23714.55	-46.25	-41.20	5.05	Pass	AVG
4	24507.6	-38.36	-27.00	11.36	Pass	Peak	10	24507.6	/	-27.00	/	/	AVG
5	25287.05	-35.74	-27.00	8.74	Pass	Peak	11	25287.05	/	-27.00	/	/	AVG
6	26216.1	-38.03	-27.00	11.03	Pass	Peak	12	26216.1	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



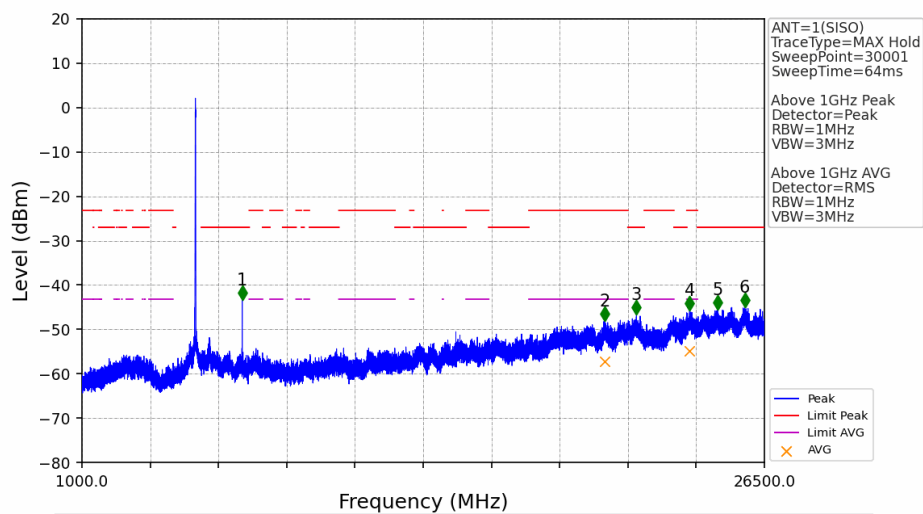
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5116.500	-34.67	-21.20	13.47	Pass	Peak	3	5116.500	-50.56	-41.20	7.36	Pass	AVG
2	5148.500	-26.58	-21.20	5.38	Pass	Peak	4	5148.500	-49.26	-41.20	6.06	Pass	AVG

802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



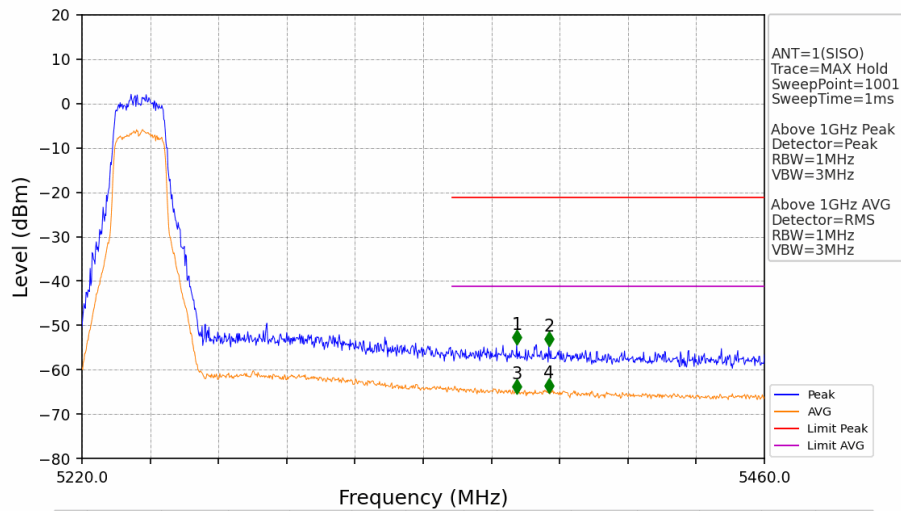
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	6933.85	-41.23	-27.00	14.23	Pass	Peak	7	6933.85	/	-27.00	/	/	AVG
2	20064.65	-45.27	-21.20	24.07	Pass	Peak	8	20064.65	-56.35	-41.20	15.15	Pass	AVG
3	21637.15	-45.09	-27.00	18.09	Pass	Peak	9	21637.15	/	-27.00	/	/	AVG
4	23661	-43.13	-21.20	21.93	Pass	Peak	10	23661	-53.27	-41.20	12.07	Pass	AVG
5	24728.6	-43.26	-27.00	16.26	Pass	Peak	11	24728.6	/	-27.00	/	/	AVG
6	25766.45	-42.35	-27.00	15.35	Pass	Peak	12	25766.45	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



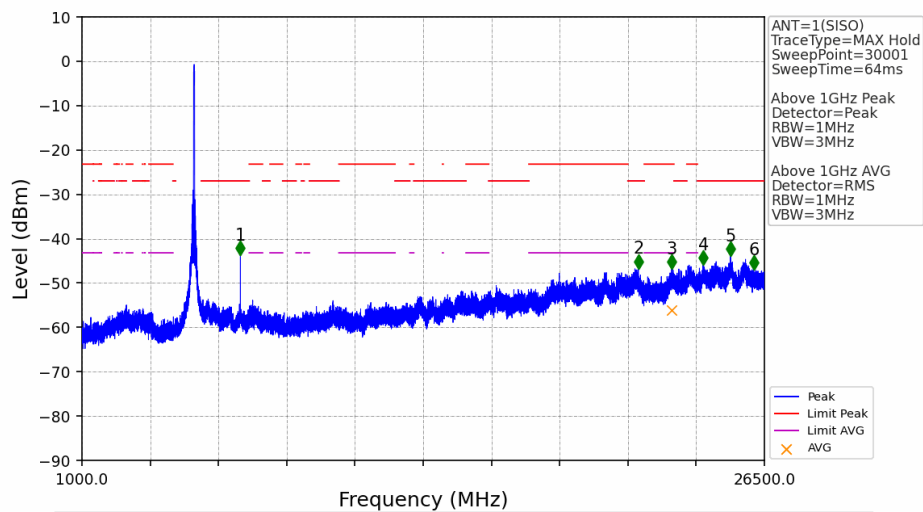
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1	6987.4	-41.37	-27.00	14.37	Pass	Peak	7	6987.4	/	-27.00	/	/	AVG
2	20544.05	-46.04	-21.20	24.84	Pass	Peak	8	20544.05	-55.26	-41.20	14.05	Pass	AVG
3	21720.45	-44.62	-27.00	17.62	Pass	Peak	9	21720.45	/	-27.00	/	/	AVG
4	23705.2	-43.62	-21.20	22.42	Pass	Peak	10	23705.2	-52.89	-41.20	11.69	Pass	AVG
5	24750.7	-43.59	-27.00	16.59	Pass	Peak	11	24750.7	/	-27.00	/	/	AVG
6	25763.05	-43.00	-27.00	16.00	Pass	Peak	12	25763.05	/	-27.00	/	/	AVG

802.11ac(VHT20) HCH_5240MHz_Ant1_NTNV



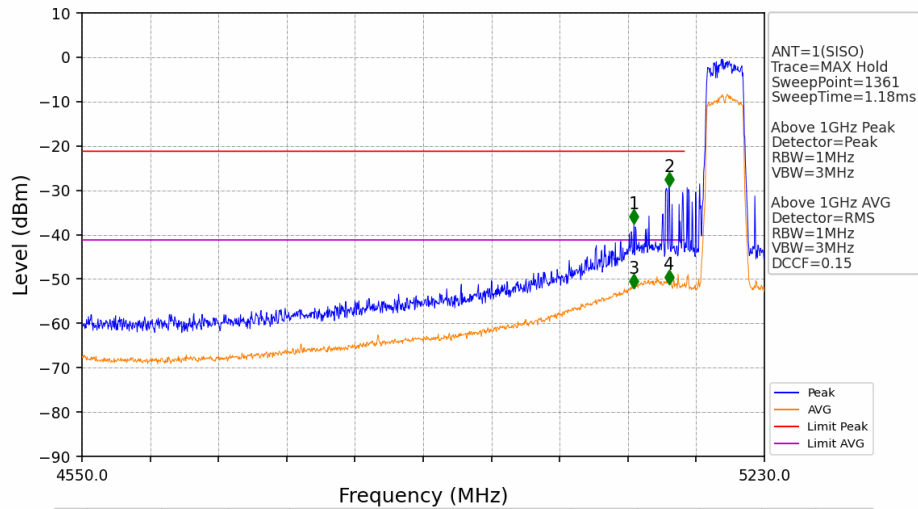
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5372.880	-52.33	-21.20	31.13	Pass	Peak	3	5372.880	-65.43	-41.20	22.23	Pass	AVG
2	5384.160	-52.63	-21.20	31.43	Pass	Peak	4	5384.160	-65.21	-41.20	22.01	Pass	AVG

802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV



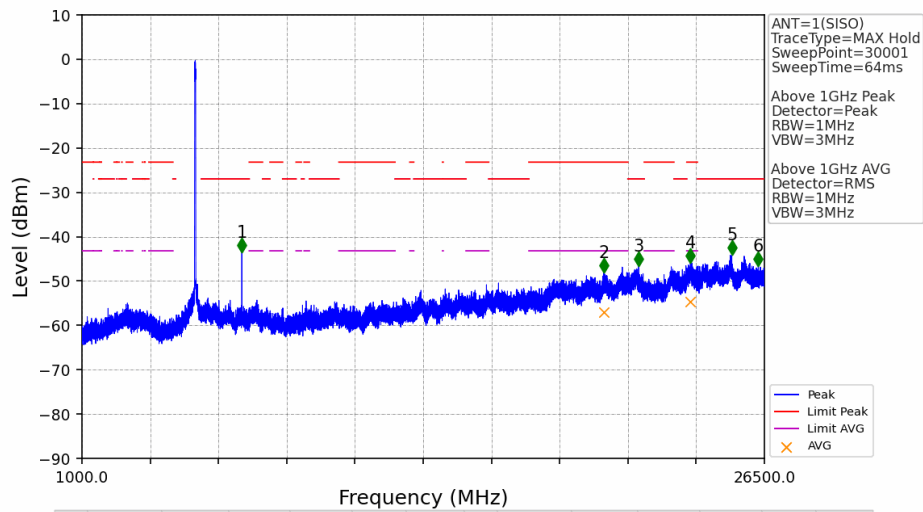
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	6920.25	-41.72	-27.00	14.72	Pass	Peak	7	6920.25	/	-27.00	/	/	AVG
2	21789.3	-44.69	-27.00	17.69	Pass	Peak	8	21789.3	/	-27.00	/	/	AVG
3	23030.3	-44.73	-21.20	23.53	Pass	Peak	9	23030.3	-54.18	-41.20	12.98	Pass	AVG
4	24222	-43.80	-27.00	16.80	Pass	Peak	10	24222	/	-27.00	/	/	AVG
5	25235.2	-41.89	-27.00	14.89	Pass	Peak	11	25235.2	/	-27.00	/	/	AVG
6	26100.5	-44.93	-27.00	17.93	Pass	Peak	12	26100.5	/	-27.00	/	/	AVG

802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV



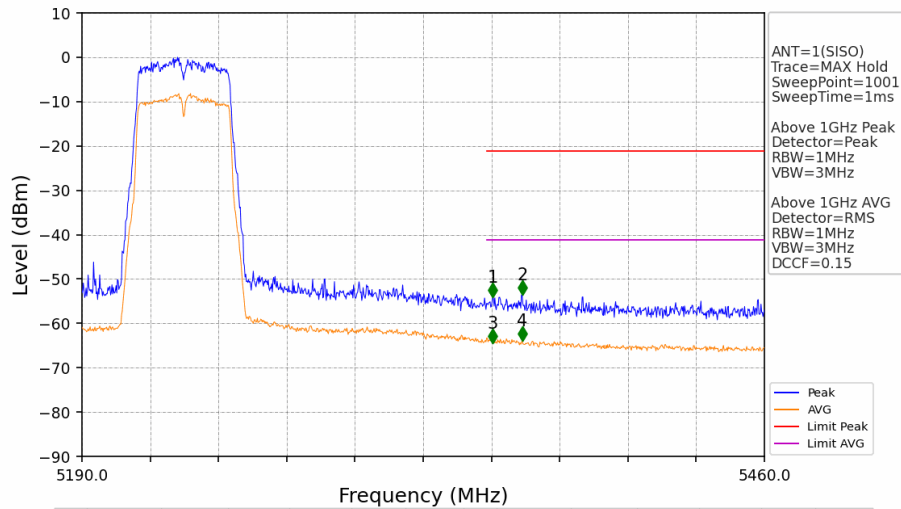
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5100.000	-35.51	-21.20	14.31	Pass	Peak	3	5100.000	-52.05	-41.20	8.85	Pass	AVG
2	5135.000	-27.19	-21.20	5.99	Pass	Peak	4	5135.000	-51.13	-41.20	7.93	Pass	AVG

802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV



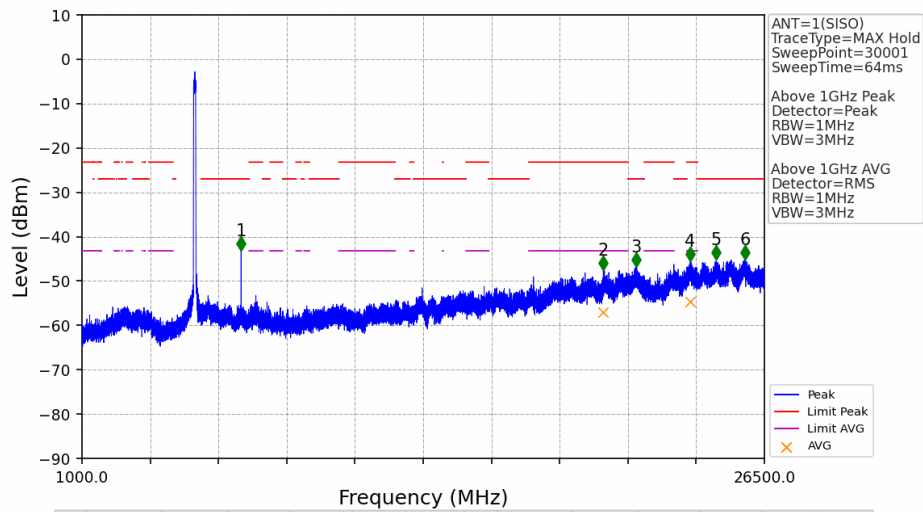
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	6973.8	-41.43	-27.00	14.43	Pass	Peak	7	6973.8	/	-27.00	/	/	AVG
2	20500.7	-46.06	-21.20	24.86	Pass	Peak	8	20500.7	-55.09	-41.20	13.89	Pass	AVG
3	21802.05	-44.63	-27.00	17.63	Pass	Peak	9	21802.05	/	-27.00	/	/	AVG
4	23733.25	-43.87	-21.20	22.67	Pass	Peak	10	23733.25	-52.60	-41.20	11.40	Pass	AVG
5	25281.1	-42.01	-27.00	15.01	Pass	Peak	11	25281.1	/	-27.00	/	/	AVG
6	26270.5	-44.67	-27.00	17.67	Pass	Peak	12	26270.5	/	-27.00	/	/	AVG

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



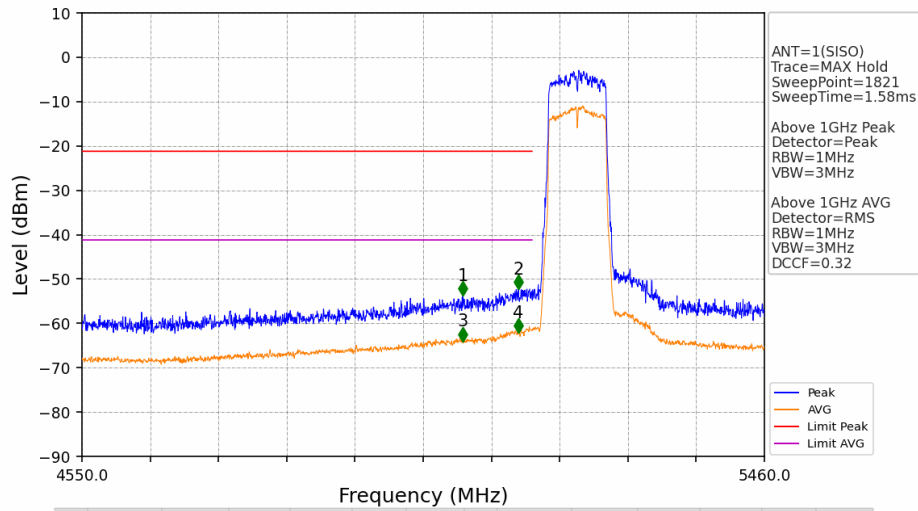
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5352.540	-52.03	-21.20	30.83	Pass	Peak	3	5352.540	-64.40	-41.20	21.20	Pass	AVG
2	5364.150	-51.53	-21.20	30.33	Pass	Peak	4	5364.150	-63.90	-41.20	20.70	Pass	AVG

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



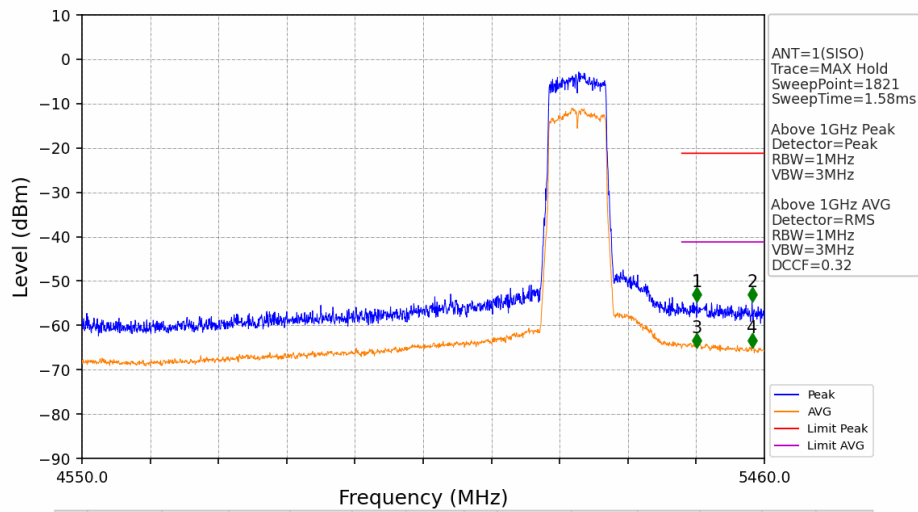
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	6947.45	-41.07	-27.00	14.07	Pass	Peak	7	6947.45	/	-27.00	/	/	AVG
2	20483.7	-45.58	-21.20	24.38	Pass	Peak	8	20483.7	-55.12	-41.20	13.91	Pass	AVG
3	21693.25	-44.75	-27.00	17.75	Pass	Peak	9	21693.25	/	-27.00	/	/	AVG
4	23729.85	-43.45	-21.20	22.25	Pass	Peak	10	23729.85	-52.66	-41.20	11.46	Pass	AVG
5	24704.8	-43.19	-27.00	16.19	Pass	Peak	11	24704.8	/	-27.00	/	/	AVG
6	25773.25	-43.18	-27.00	16.18	Pass	Peak	12	25773.25	/	-27.00	/	/	AVG

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
3	5058.000	-63.99	-41.20	20.79	Pass	AVG	3	5058.000	-63.99	-41.20	20.79	Pass	AVG
4	5132.000	-62.06	-41.20	18.86	Pass	AVG	4	5132.000	-62.06	-41.20	18.86	Pass	AVG

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
3	5370.000	-65.03	-41.20	21.83	Pass	AVG	3	5370.000	-65.03	-41.20	21.83	Pass	AVG
4	5443.500	-64.92	-41.20	21.72	Pass	AVG	4	5443.500	-64.92	-41.20	21.72	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	5180	20	102	5179.992	5150 to 5250	Pass
				120	5179.992	5150 to 5250	Pass
				138	5179.992	5150 to 5250	Pass
			-30	120	5179.992	5150 to 5250	Pass
			-20	120	5179.992	5150 to 5250	Pass
			-10	120	5179.992	5150 to 5250	Pass
			0	120	5179.992	5150 to 5250	Pass
			10	120	5179.992	5150 to 5250	Pass
			30	120	5179.992	5150 to 5250	Pass
			40	120	5179.991	5150 to 5250	Pass
			50	120	5179.992	5150 to 5250	Pass
		5200	20	102	5199.992	5150 to 5250	Pass
				120	5199.992	5150 to 5250	Pass
				138	5199.992	5150 to 5250	Pass
			-30	120	5199.992	5150 to 5250	Pass
			-20	120	5199.992	5150 to 5250	Pass
			-10	120	5199.992	5150 to 5250	Pass
			0	120	5199.992	5150 to 5250	Pass
			10	120	5199.992	5150 to 5250	Pass
			30	120	5199.992	5150 to 5250	Pass
			40	120	5199.992	5150 to 5250	Pass
			50	120	5199.992	5150 to 5250	Pass
		5240	20	102	5239.992	5150 to 5250	Pass
				120	5239.992	5150 to 5250	Pass
				138	5239.992	5150 to 5250	Pass
			-30	120	5239.992	5150 to 5250	Pass
			-20	120	5239.992	5150 to 5250	Pass
			-10	120	5239.992	5150 to 5250	Pass
			0	120	5239.992	5150 to 5250	Pass
			10	120	5239.992	5150 to 5250	Pass
			30	120	5239.992	5150 to 5250	Pass
			40	120	5239.992	5150 to 5250	Pass
			50	120	5239.992	5150 to 5250	Pass
		5190	20	102	5189.993	5150 to 5250	Pass
				120	5189.993	5150 to 5250	Pass
				138	5189.993	5150 to 5250	Pass
			-30	120	5189.993	5150 to 5250	Pass
			-20	120	5189.993	5150 to 5250	Pass
			-10	120	5189.993	5150 to 5250	Pass
			0	120	5189.992	5150 to 5250	Pass
			10	120	5189.992	5150 to 5250	Pass
			30	120	5189.992	5150 to 5250	Pass
			40	120	5189.992	5150 to 5250	Pass
			50	120	5189.992	5150 to 5250	Pass
		5230	20	102	5229.993	5150 to 5250	Pass
				120	5229.993	5150 to 5250	Pass
				138	5229.993	5150 to 5250	Pass
			-30	120	5229.992	5150 to 5250	Pass

			-20	120	5229.992	5150 to 5250	Pass
			-10	120	5229.992	5150 to 5250	Pass
			0	120	5229.992	5150 to 5250	Pass
			10	120	5229.992	5150 to 5250	Pass
			30	120	5229.992	5150 to 5250	Pass
			40	120	5229.992	5150 to 5250	Pass
			50	120	5229.992	5150 to 5250	Pass
		5210	20	102	5209.994	5150 to 5250	Pass
				120	5209.993	5150 to 5250	Pass
				138	5209.993	5150 to 5250	Pass
			-30	120	5209.993	5150 to 5250	Pass
			-20	120	5209.993	5150 to 5250	Pass
			-10	120	5209.993	5150 to 5250	Pass
			0	120	5209.993	5150 to 5250	Pass
			10	120	5209.993	5150 to 5250	Pass
			30	120	5209.993	5150 to 5250	Pass
			40	120	5209.993	5150 to 5250	Pass
			50	120	5209.993	5150 to 5250	Pass

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