



Shenzhen BANTEK Testing Co., Ltd.

Report No.: BTEK250918001A01E03-04

RF Test Report

For BTEK250918001A01E03

Project No.:	BTEK250918001A01E03-04
Product Description:	20.8℃, 68%, 102.4kPa
Test Engineer:	Zora
Test Date:	2025-10-30



Shenzhen BANTEK Testing Co., Ltd.

Report No.: BTEK250918001A01E03-04

Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Frequency Stability	Pass
Band Edge	Pass



1. Duty Cycle

1.1 Test Result

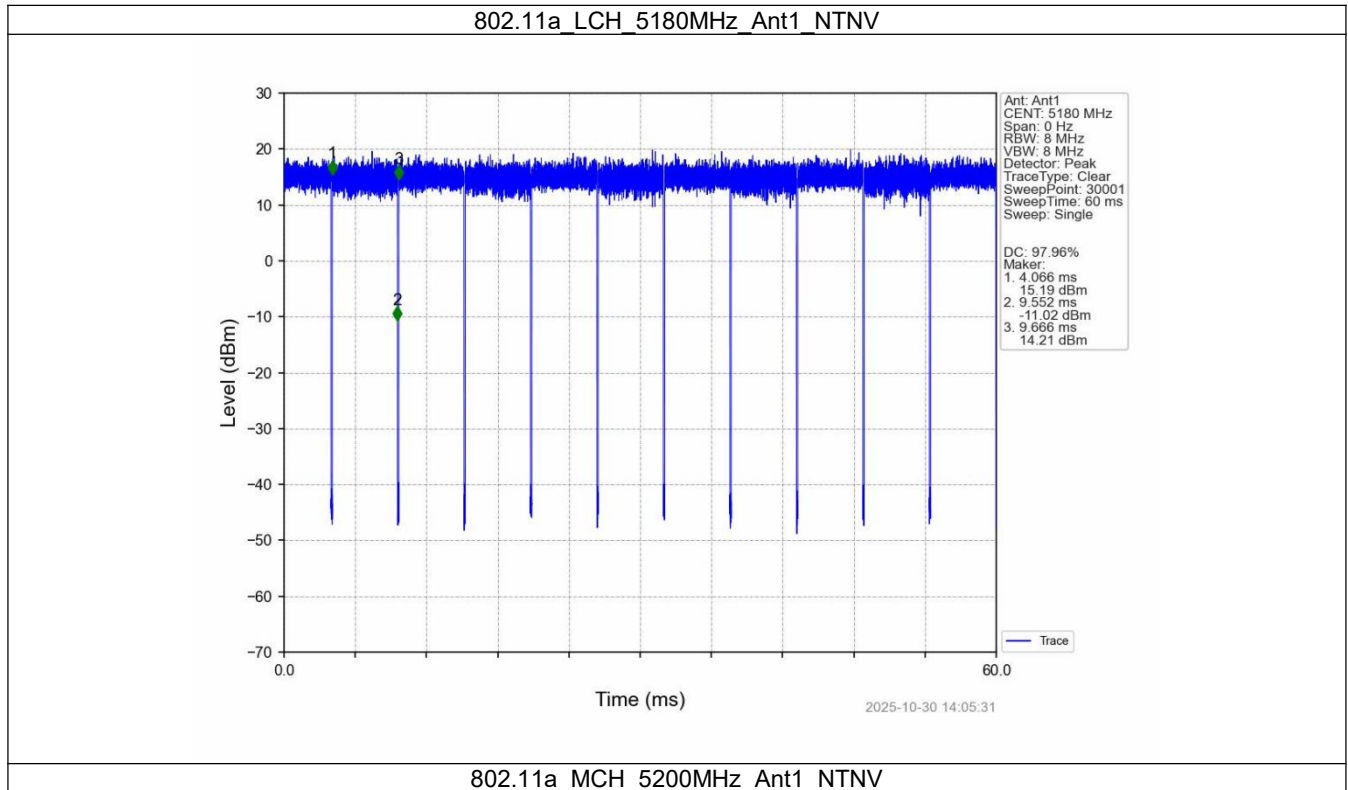
1.1.1 Ant1

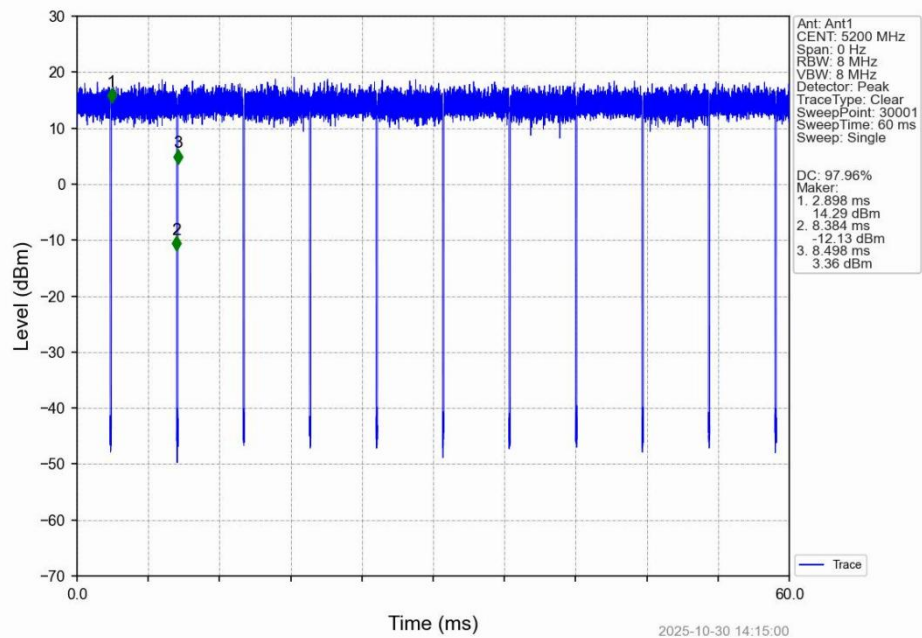
Ant1							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	5.486	5.600	97.96	0.09	0.00
		5200	5.486	5.600	97.96	0.09	0.00
		5240	5.486	5.600	97.96	0.09	0.00
802.11n (HT20)	SISO	5180	5.374	5.490	97.89	0.09	0.04
		5200	5.374	5.488	97.92	0.09	0.00
		5240	5.374	5.490	97.89	0.09	0.04
802.11n (HT40)	SISO	5190	3.023	3.137	96.37	0.16	0.03
		5230	3.023	3.137	96.37	0.16	0.03
802.11ac (VHT20)	SISO	5180	5.382	5.496	97.93	0.09	0.00
		5200	5.382	5.496	97.93	0.09	0.00
		5240	5.382	5.498	97.89	0.09	0.04
802.11ac (VHT40)	SISO	5190	5.163	5.277	97.84	0.09	0.00
		5230	5.161	5.277	97.80	0.10	0.04



1.2 Test Graph

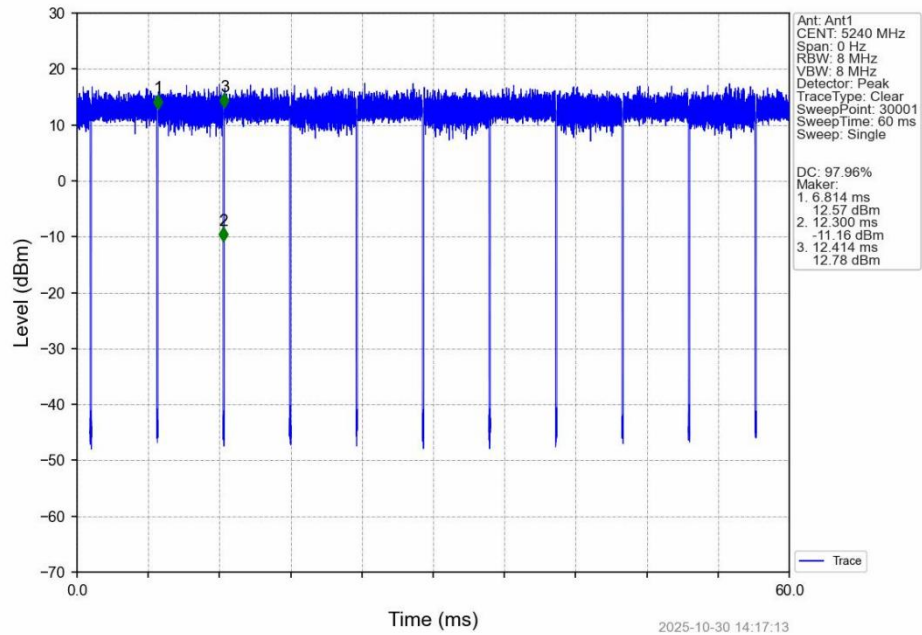
1.2.1 Ant1



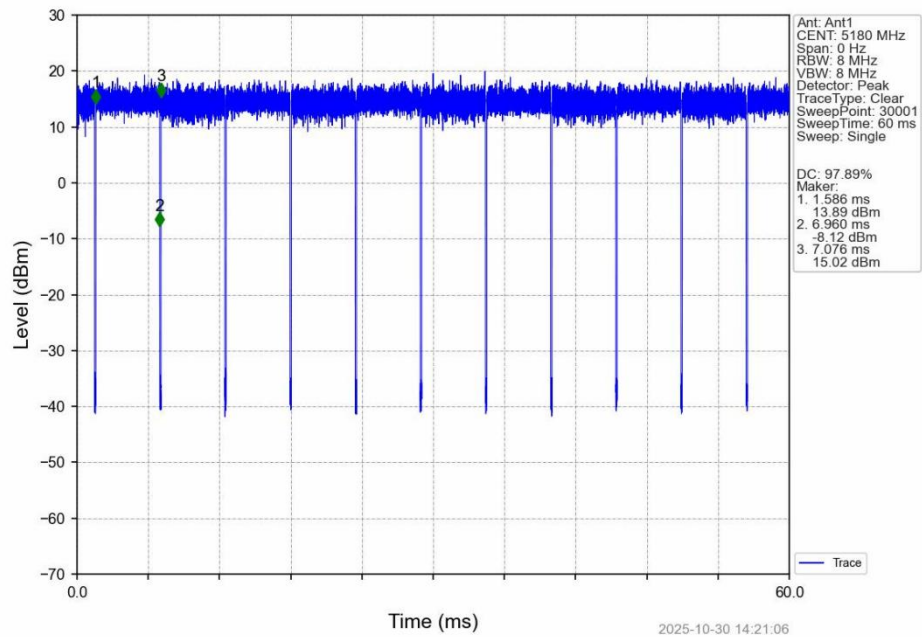




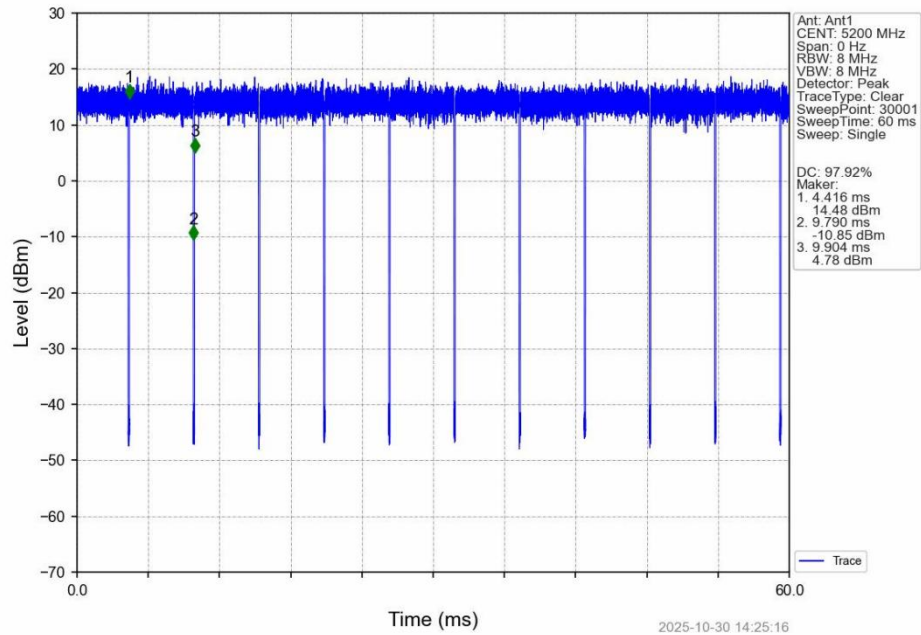
802.11a_HCH_5240MHz_Ant1_NTNV



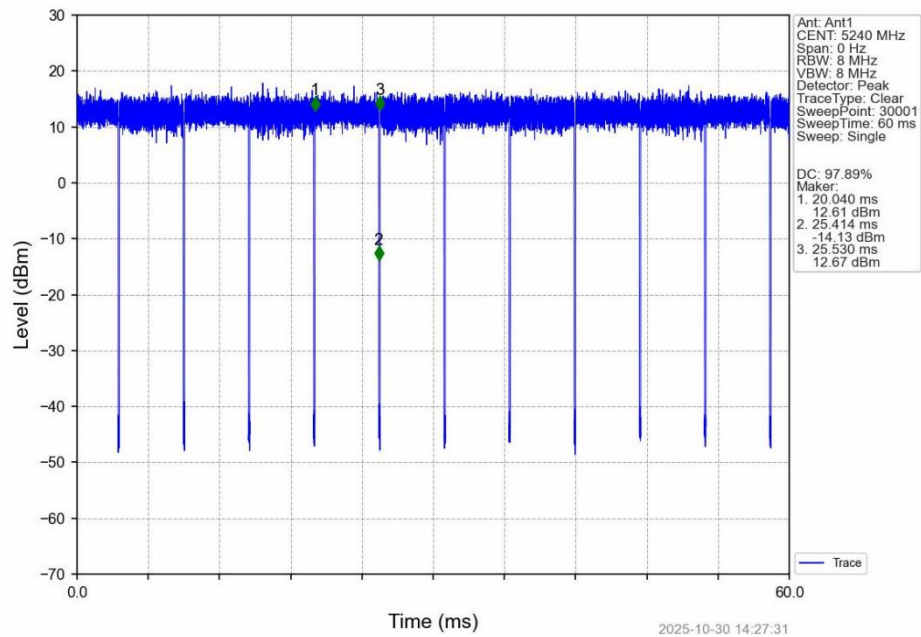
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

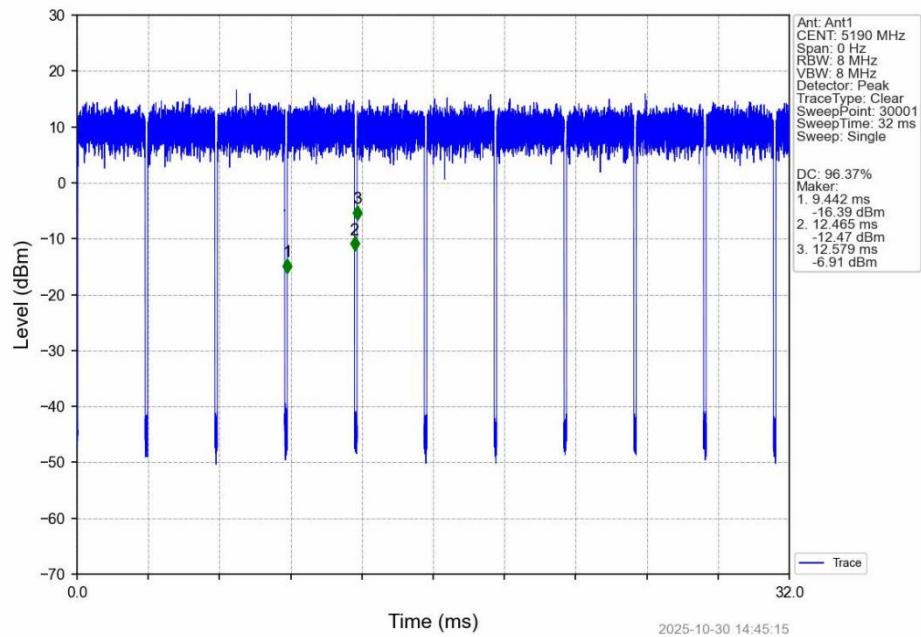


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

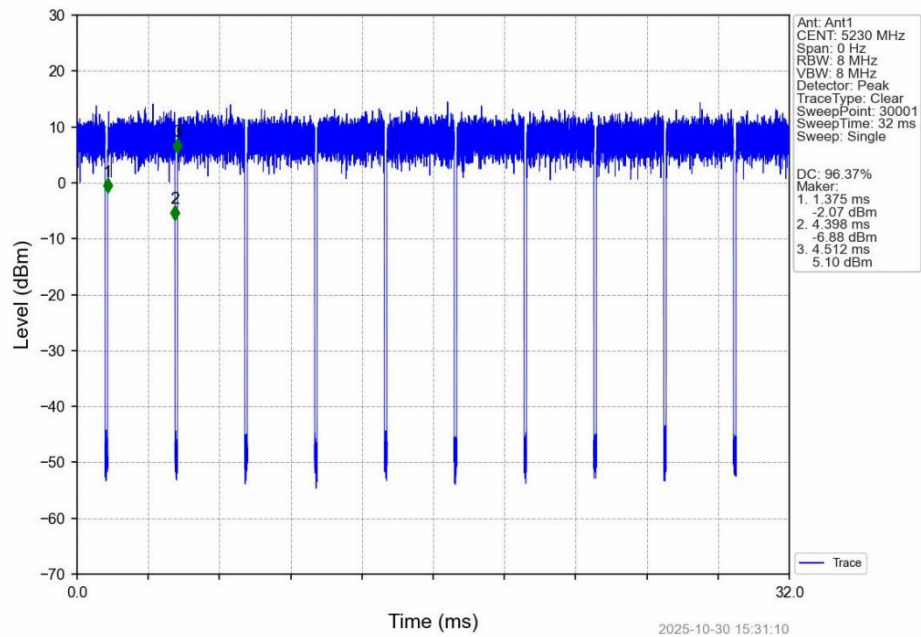




802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

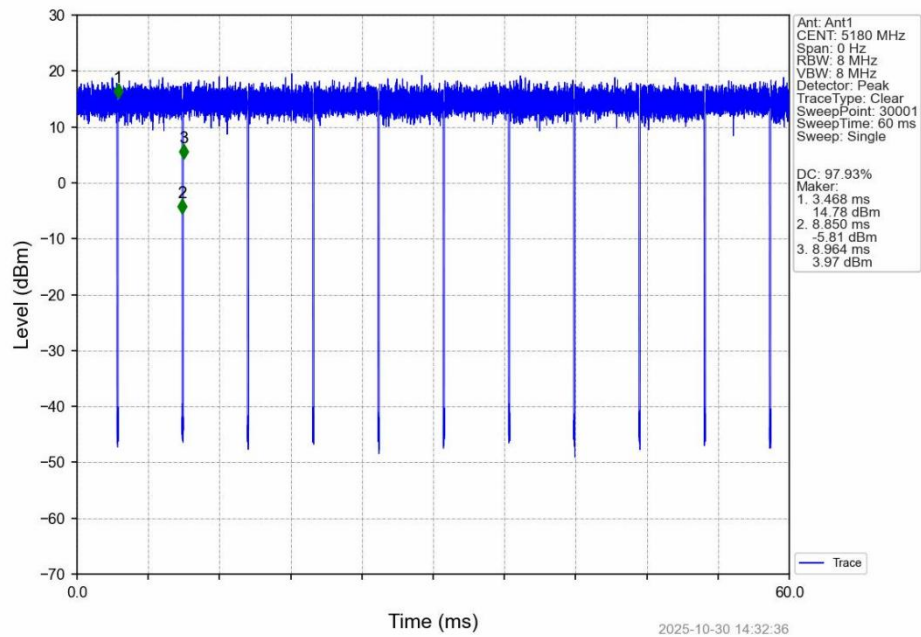


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

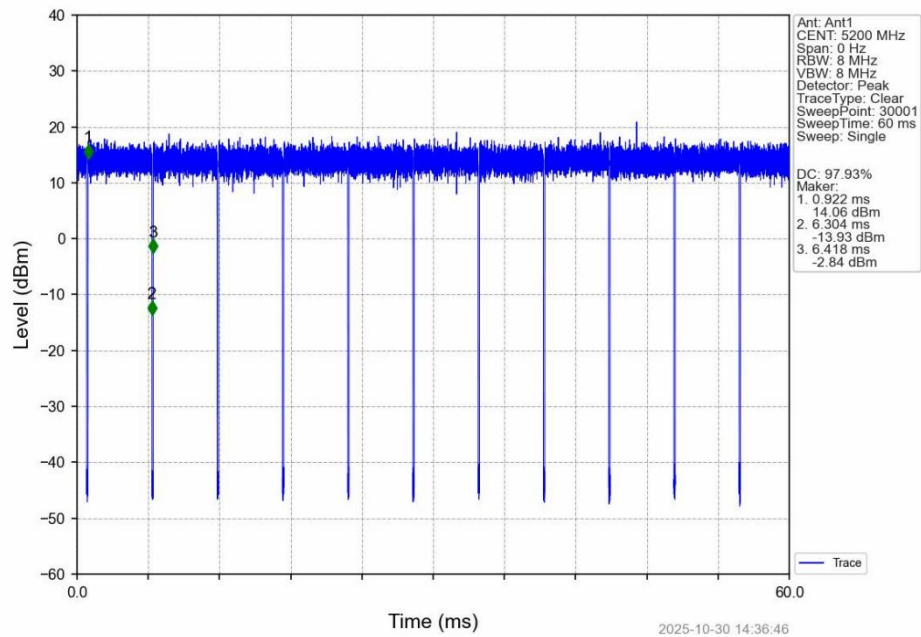




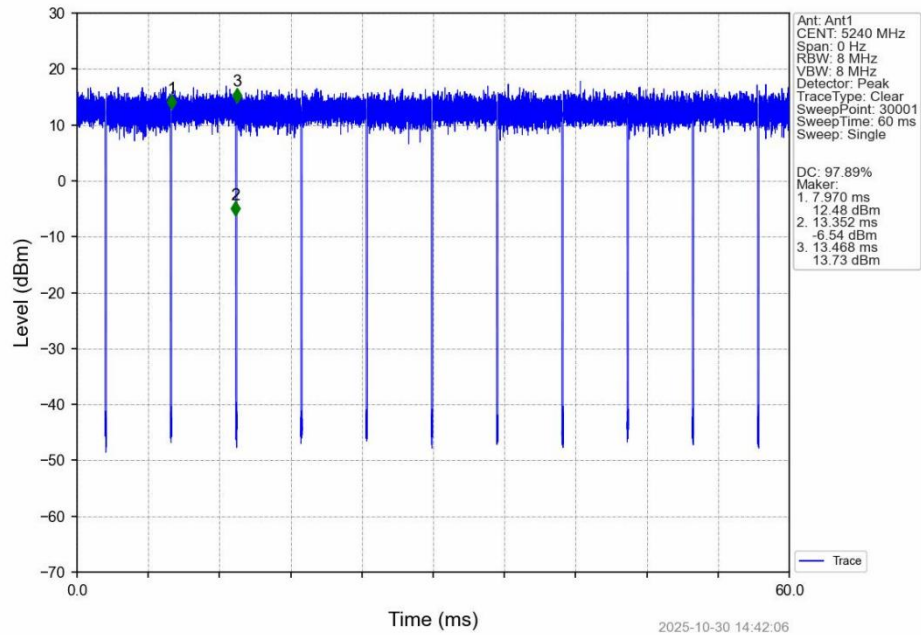
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



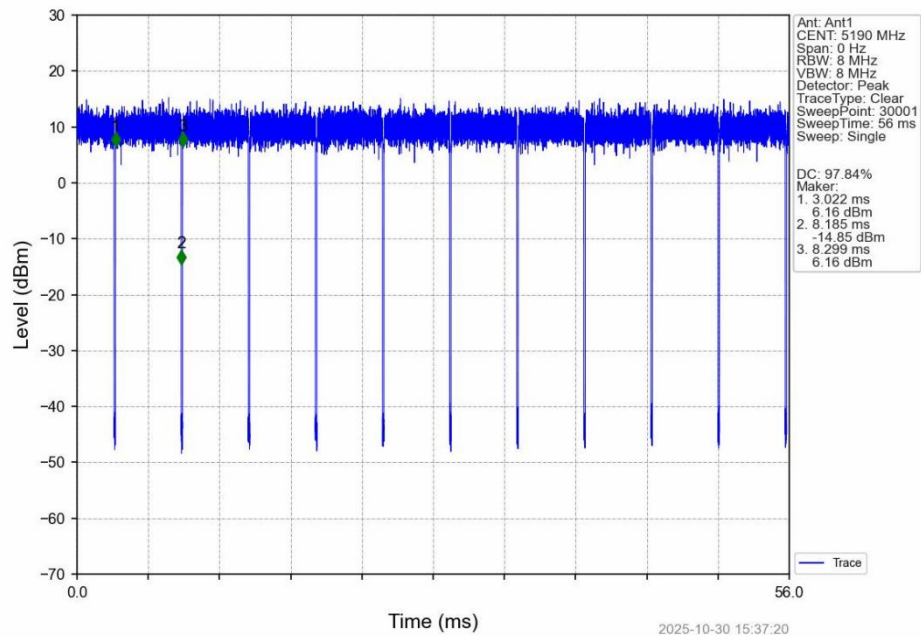
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

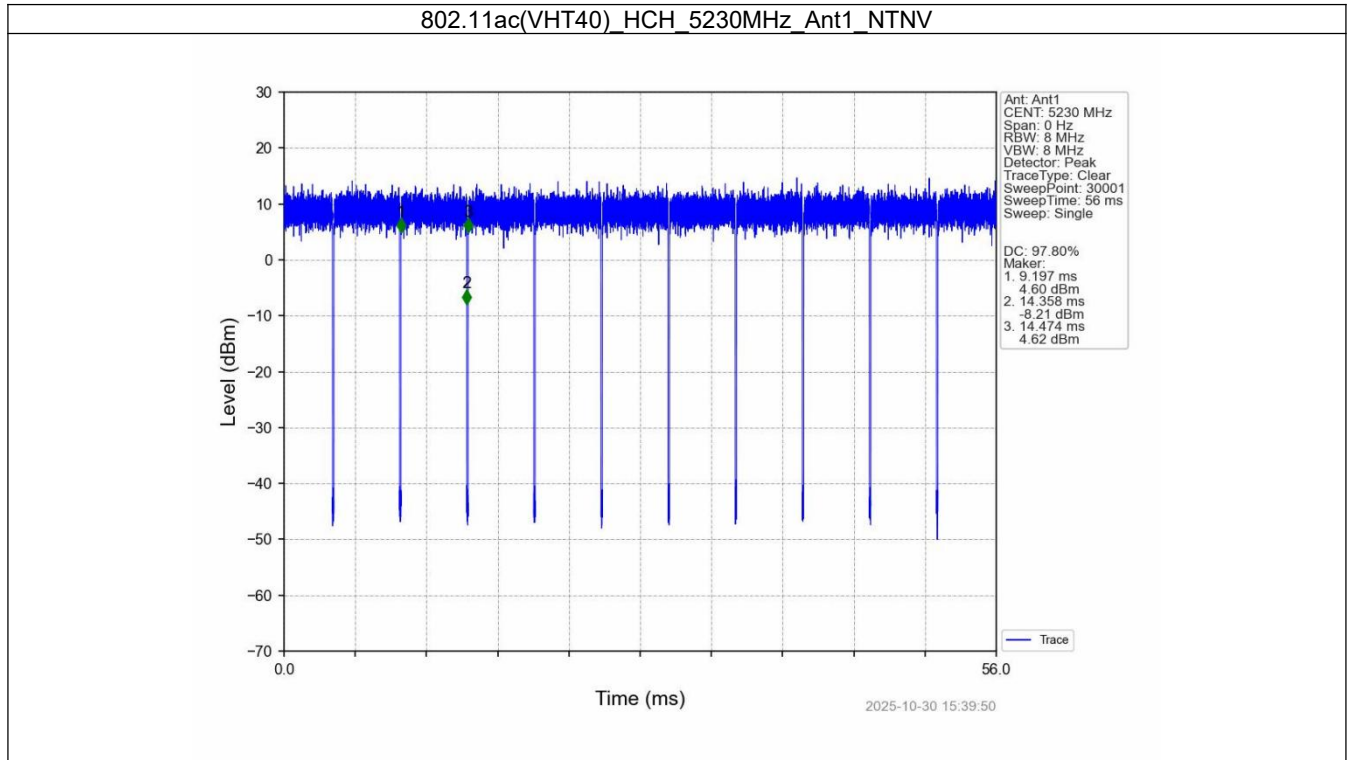


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV







2. Bandwidth

2.1 Test Result

2.1.1 OBW

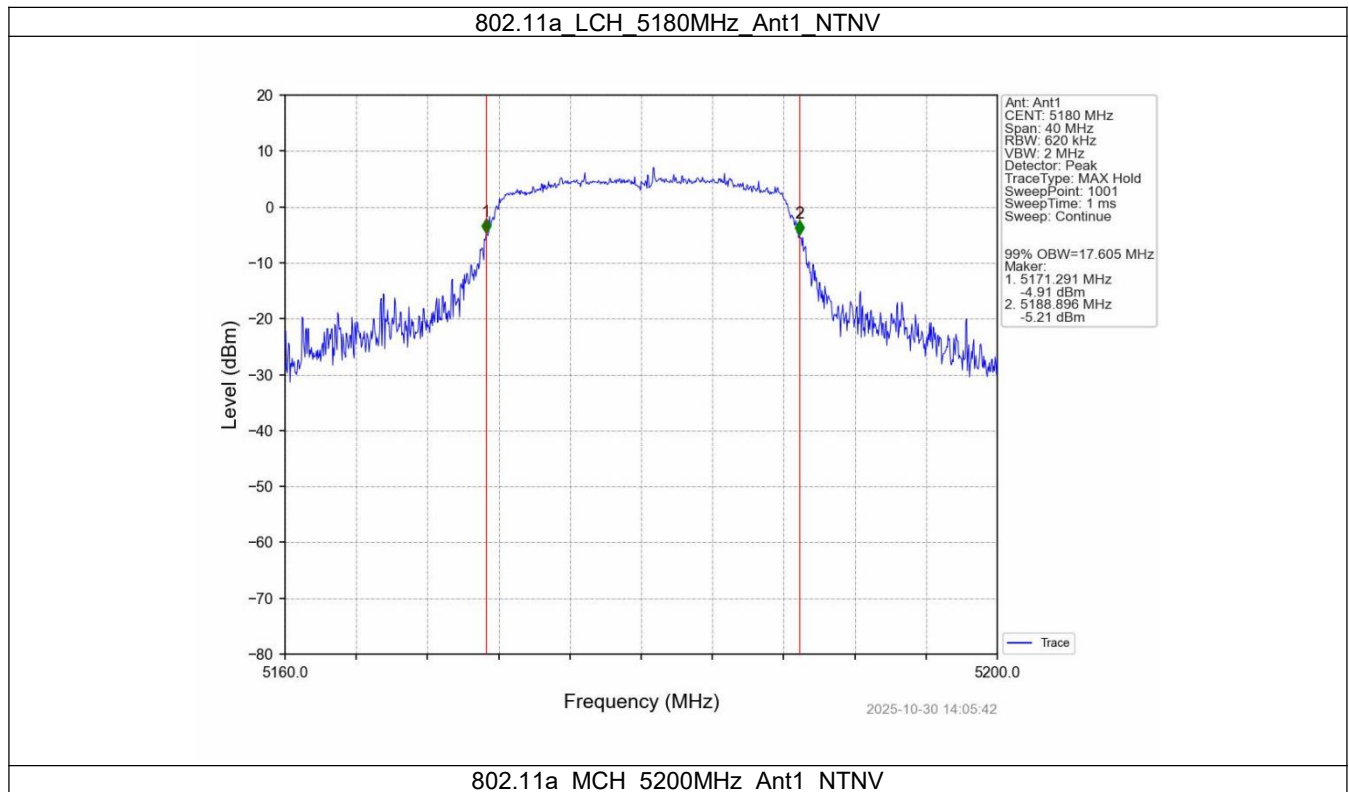
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.605	/	Pass
		5200	1	17.683	/	Pass
		5240	1	17.499	/	Pass
802.11n (HT20)	SISO	5180	1	18.551	/	Pass
		5200	1	18.502	/	Pass
		5240	1	18.410	/	Pass
802.11n (HT40)	SISO	5190	1	36.758	/	Pass
		5230	1	36.415	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.511	/	Pass
		5200	1	18.559	/	Pass
		5240	1	18.477	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.502	/	Pass
		5230	1	36.520	/	Pass

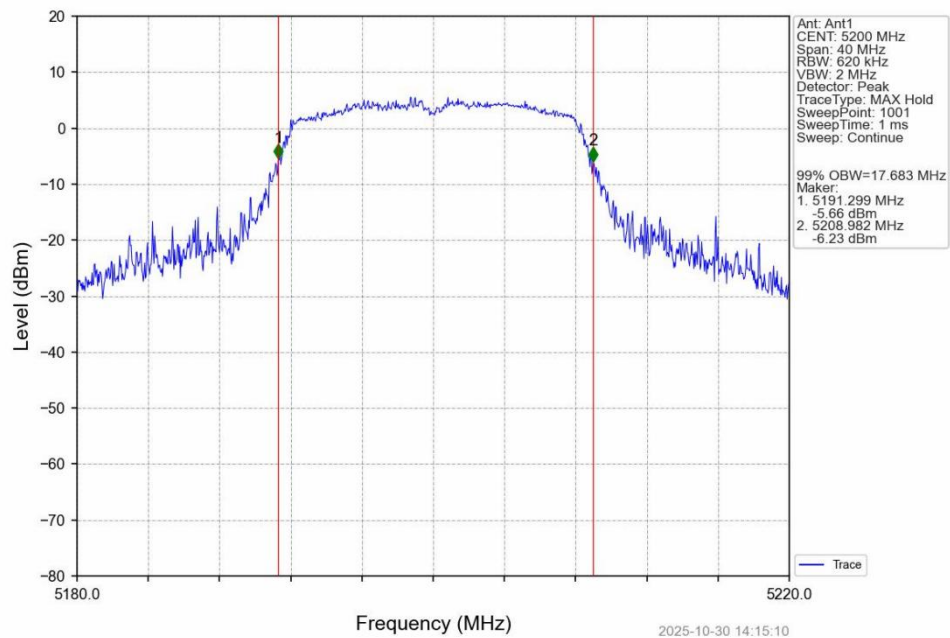
2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	28.474	/	Pass
		5200	1	28.154	/	Pass
		5240	1	26.955	/	Pass
802.11n (HT20)	SISO	5180	1	31.906	/	Pass
		5200	1	32.755	/	Pass
		5240	1	28.229	/	Pass
802.11n (HT40)	SISO	5190	1	67.281	/	Pass
		5230	1	49.903	/	Pass
802.11ac (VHT20)	SISO	5180	1	33.997	/	Pass
		5200	1	30.646	/	Pass
		5240	1	32.932	/	Pass
802.11ac (VHT40)	SISO	5190	1	57.537	/	Pass
		5230	1	55.994	/	Pass

2.2 Test Graph

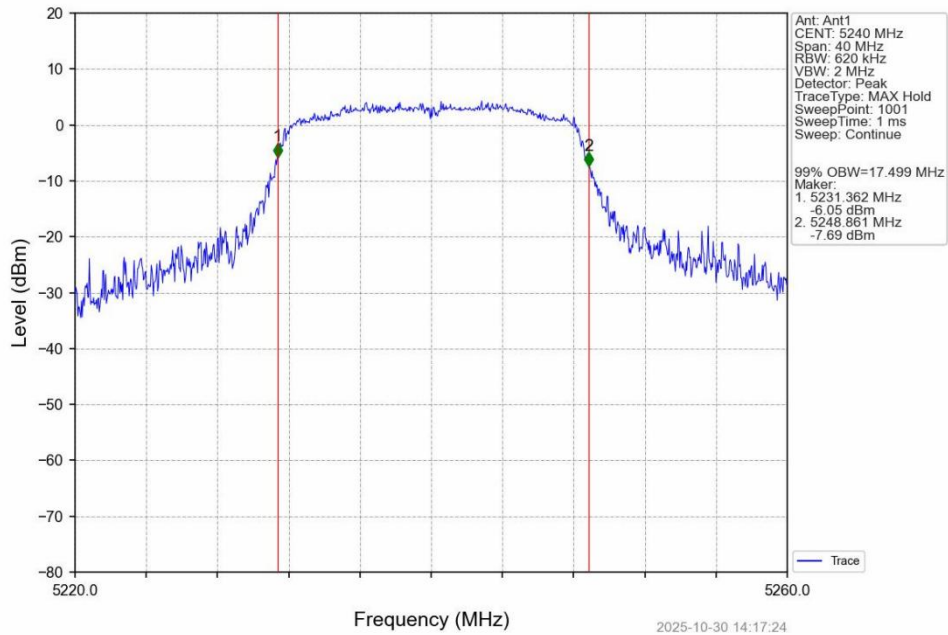
2.2.1 OBW



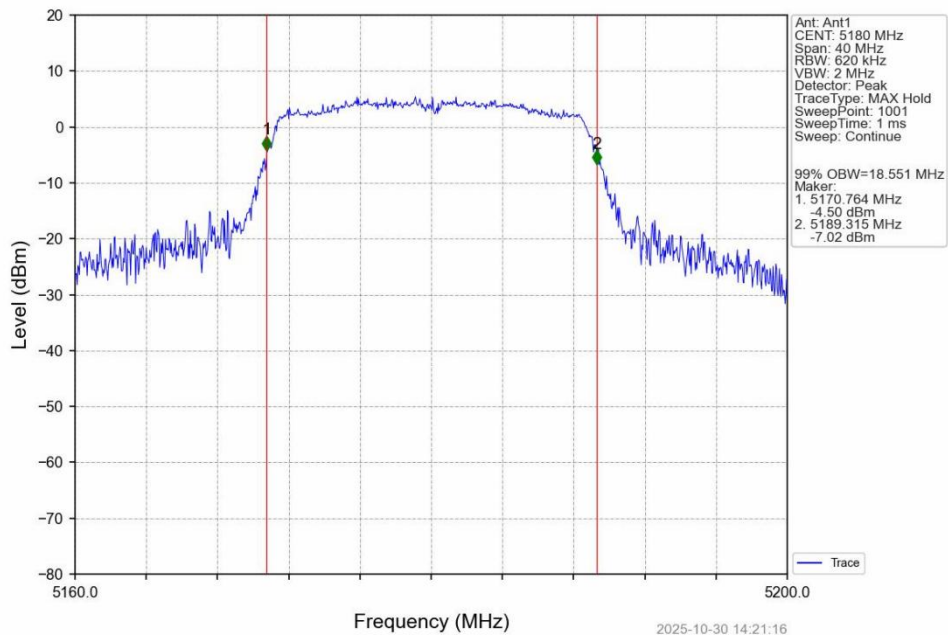




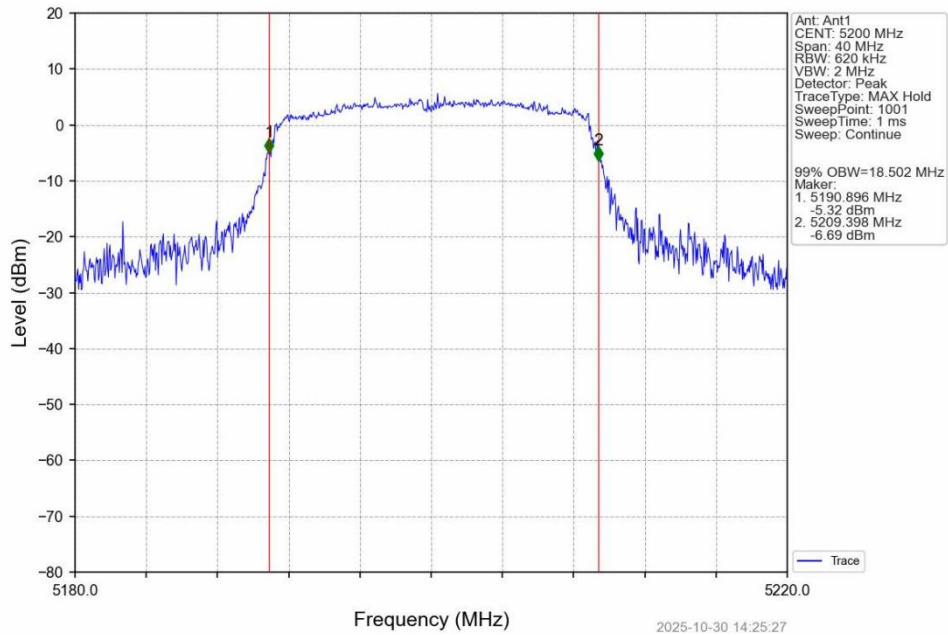
802.11a_HCH_5240MHz_Ant1_NTNV



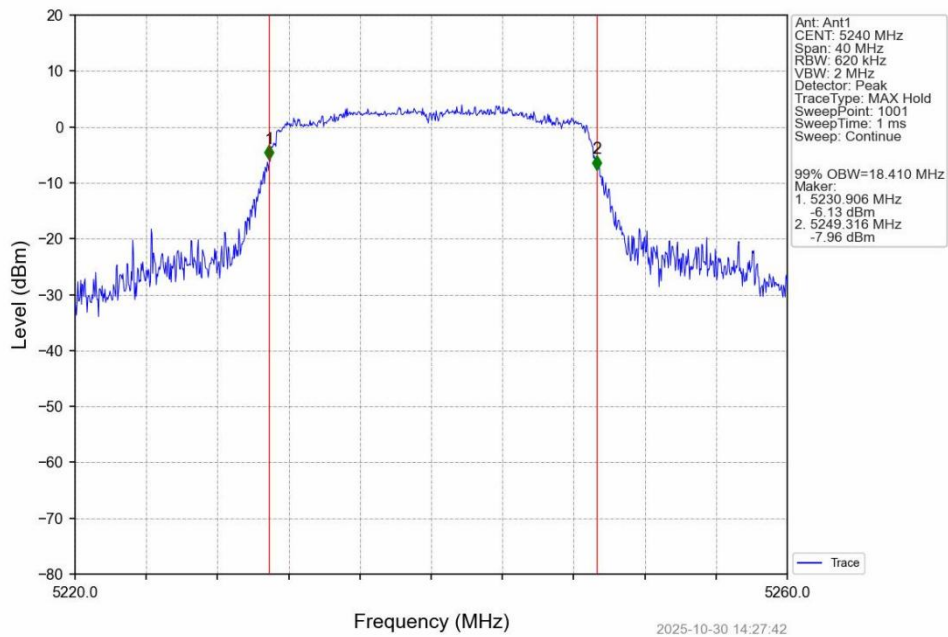
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



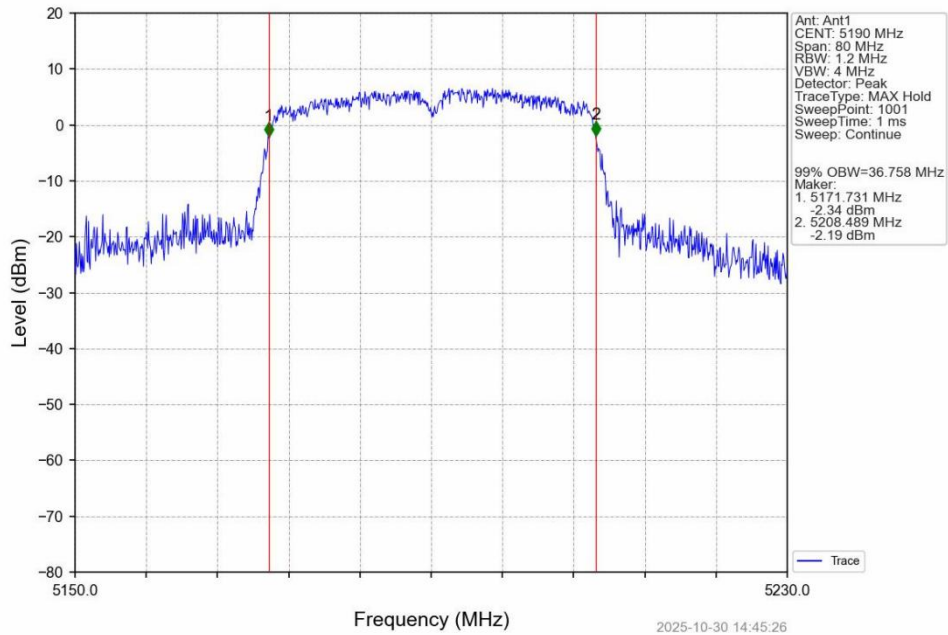
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



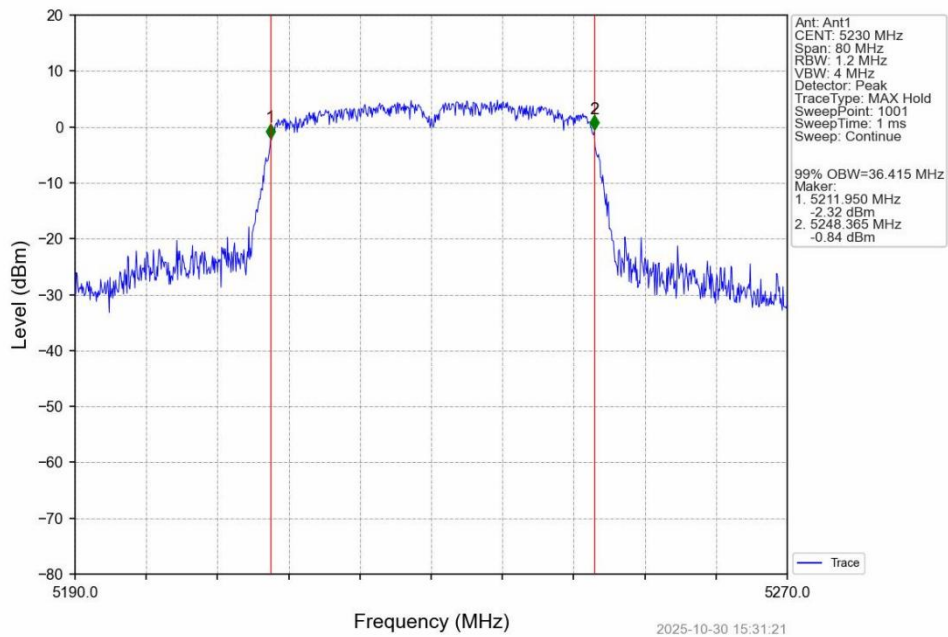
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

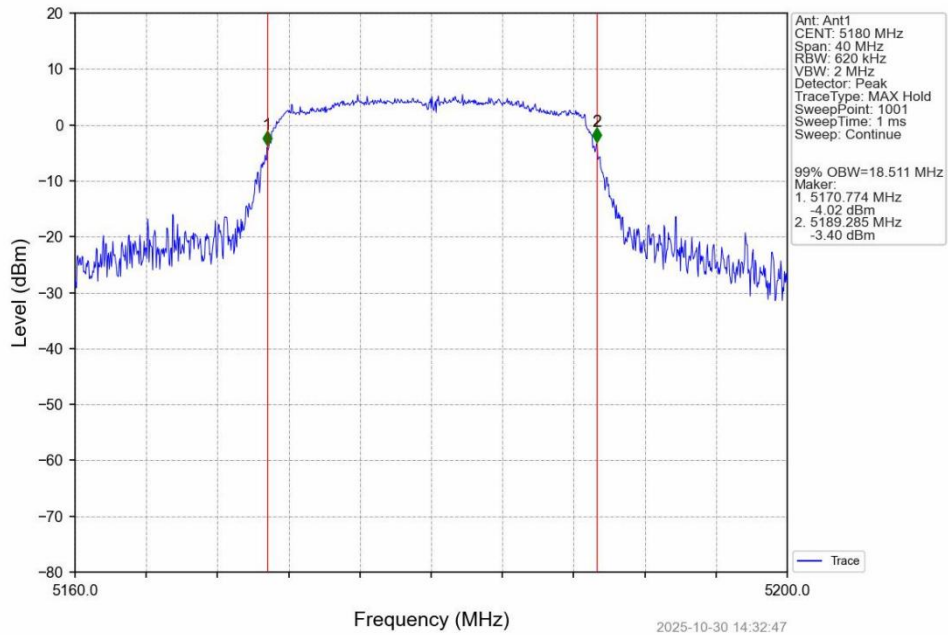


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

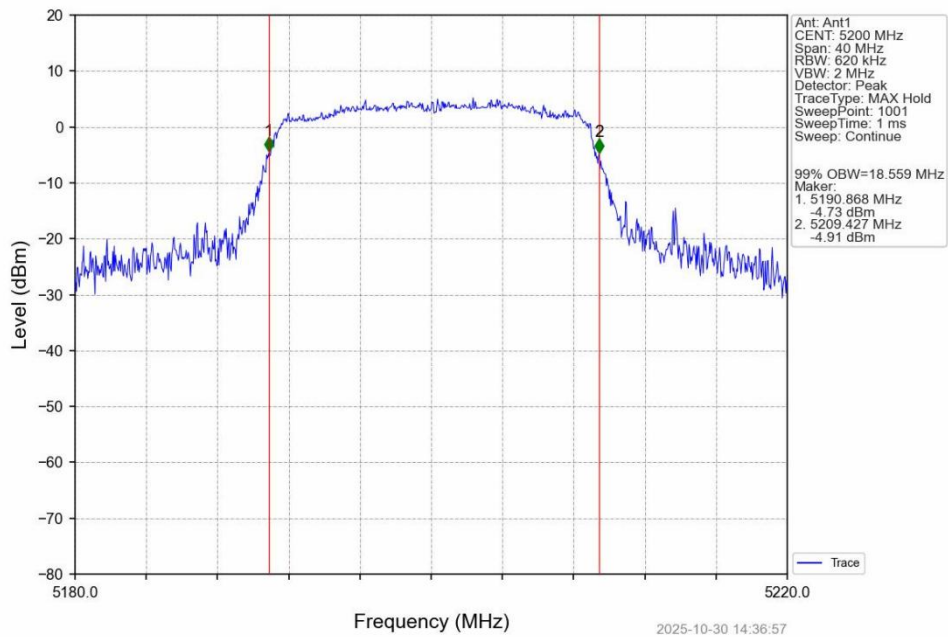




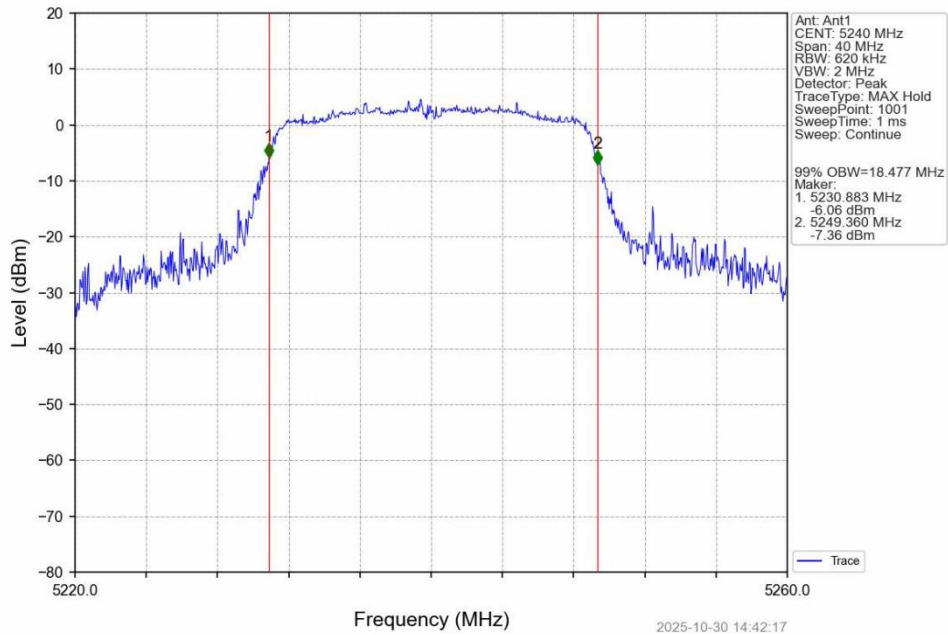
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



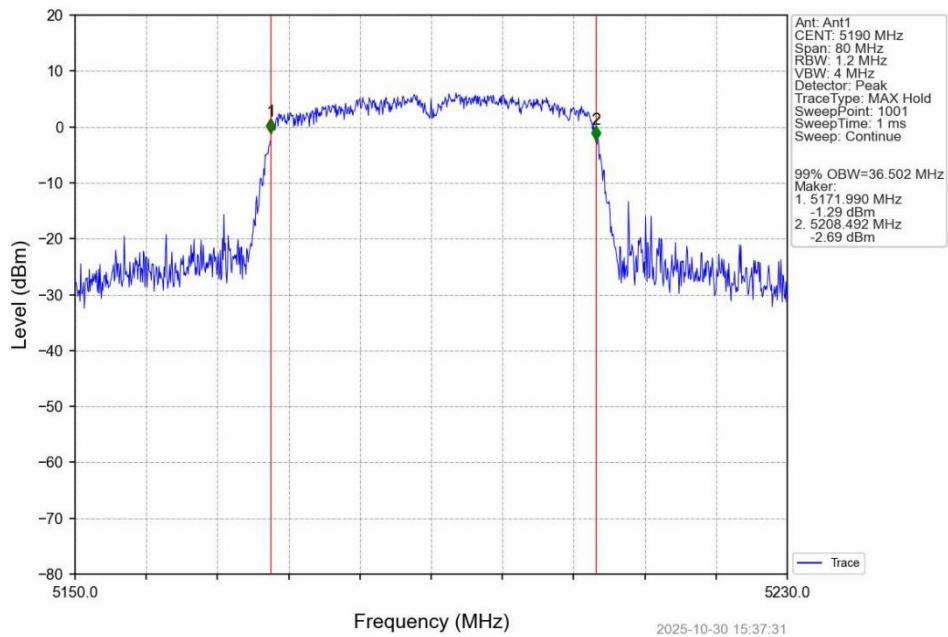
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

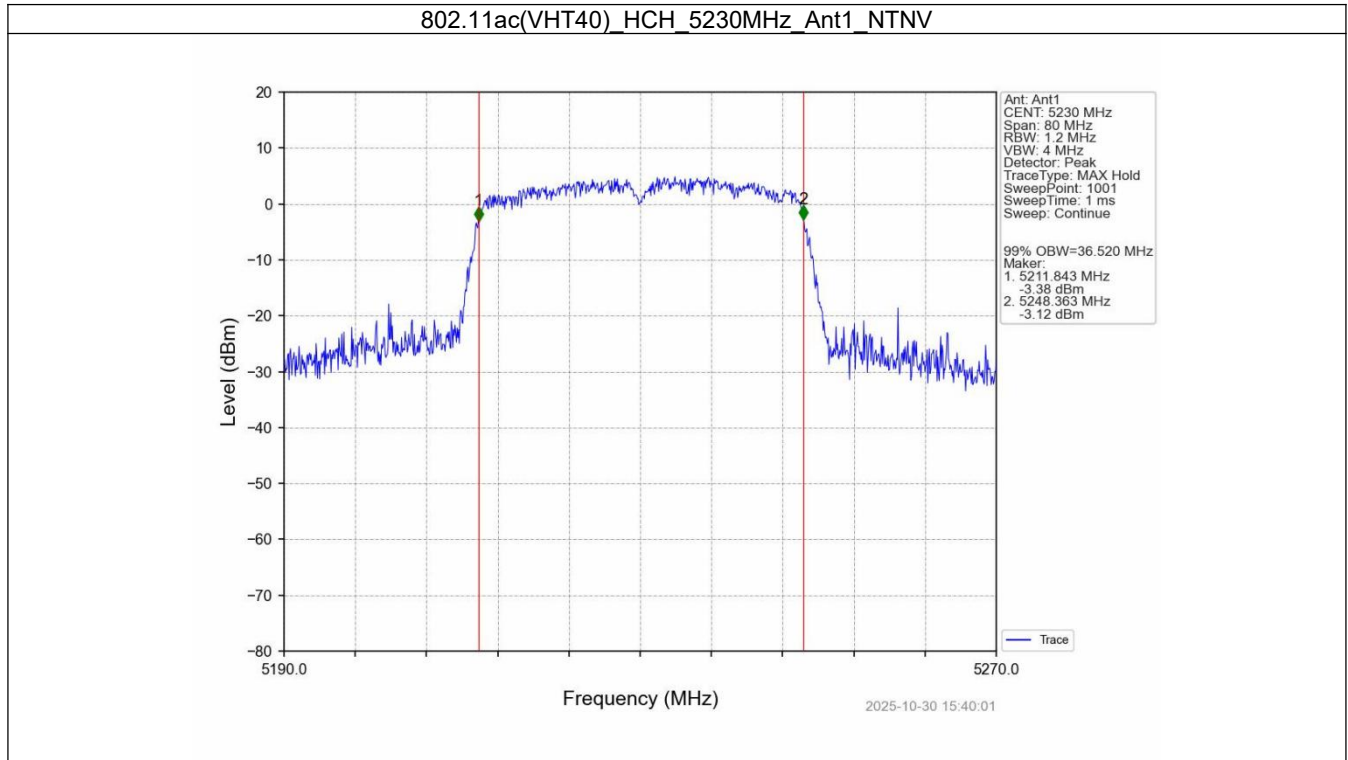


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

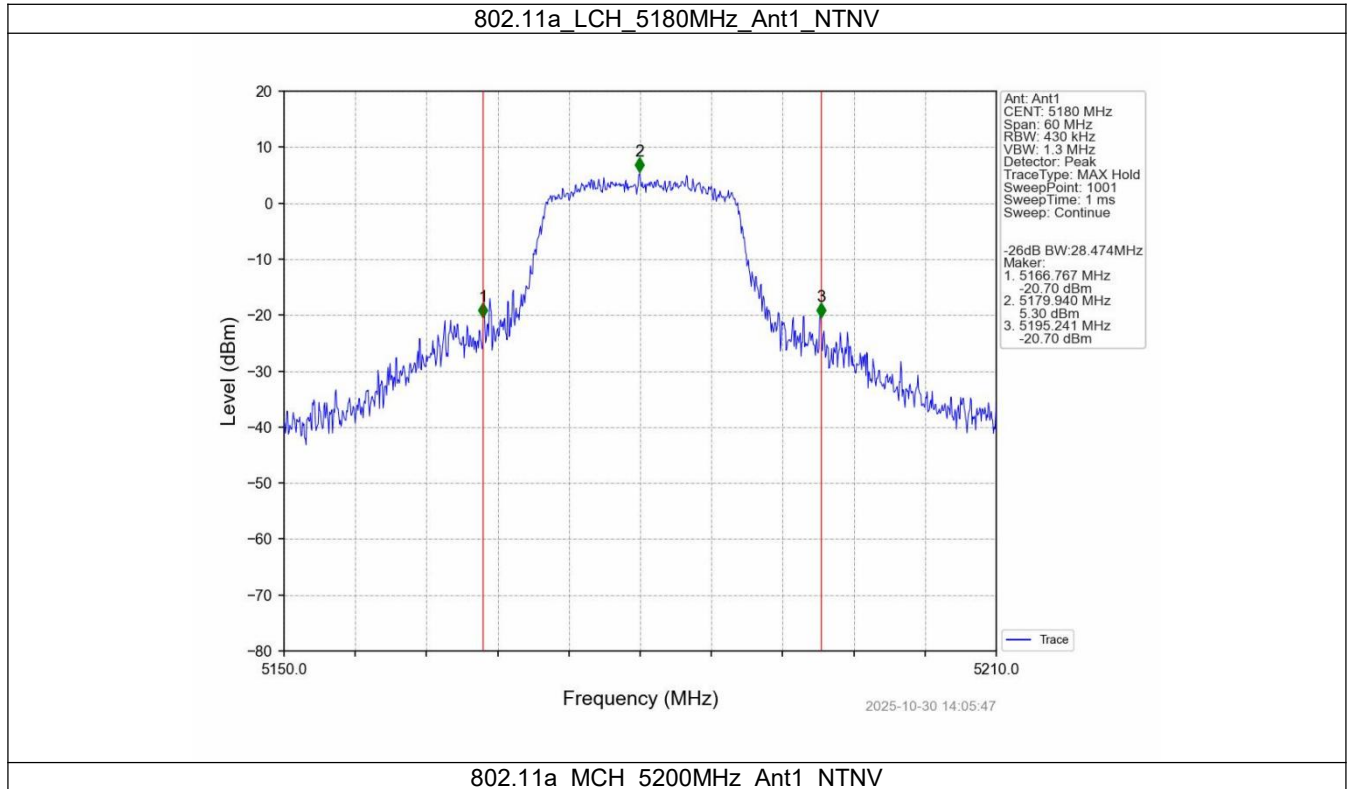


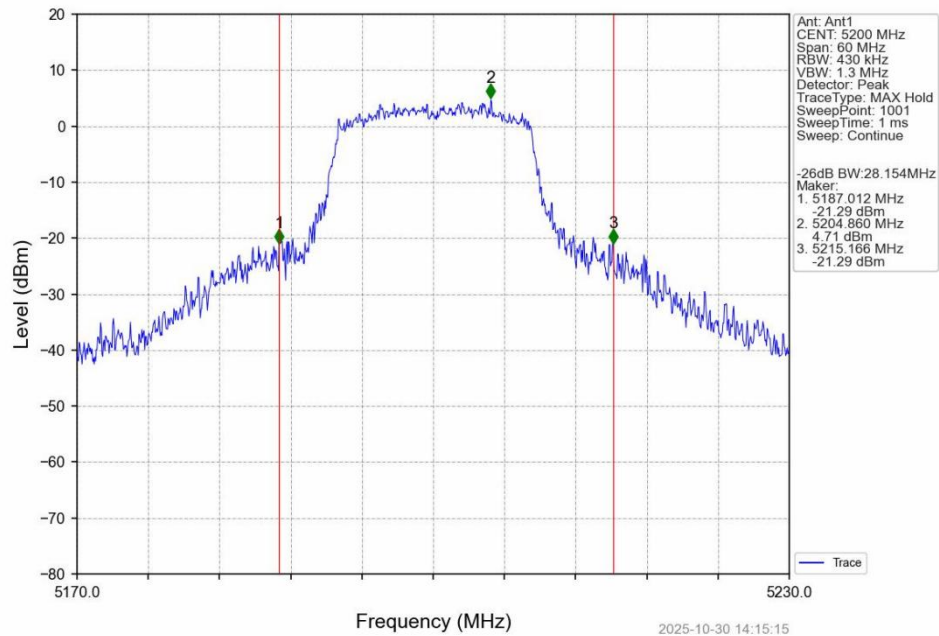
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



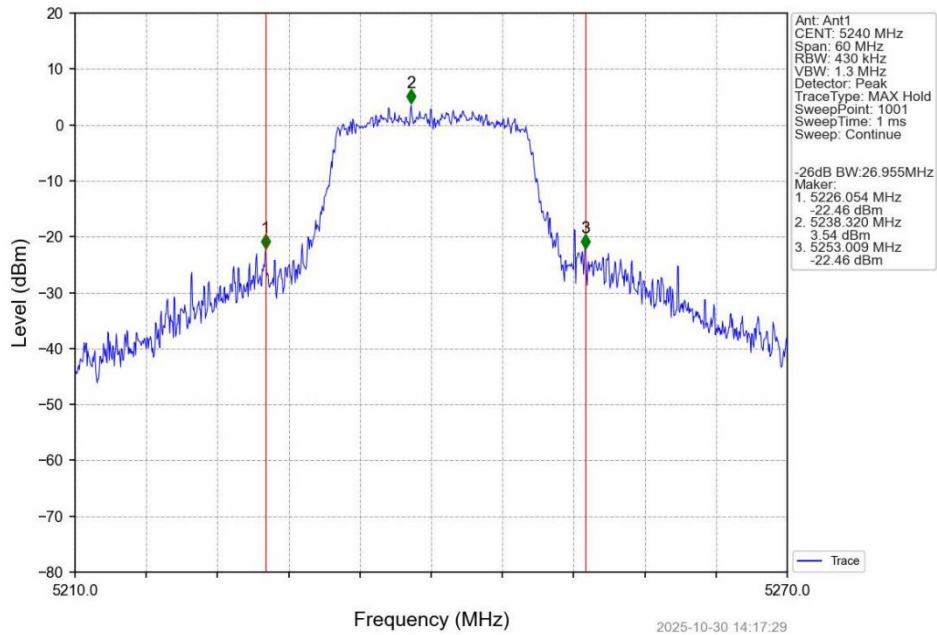


2.2.2 26dB BW

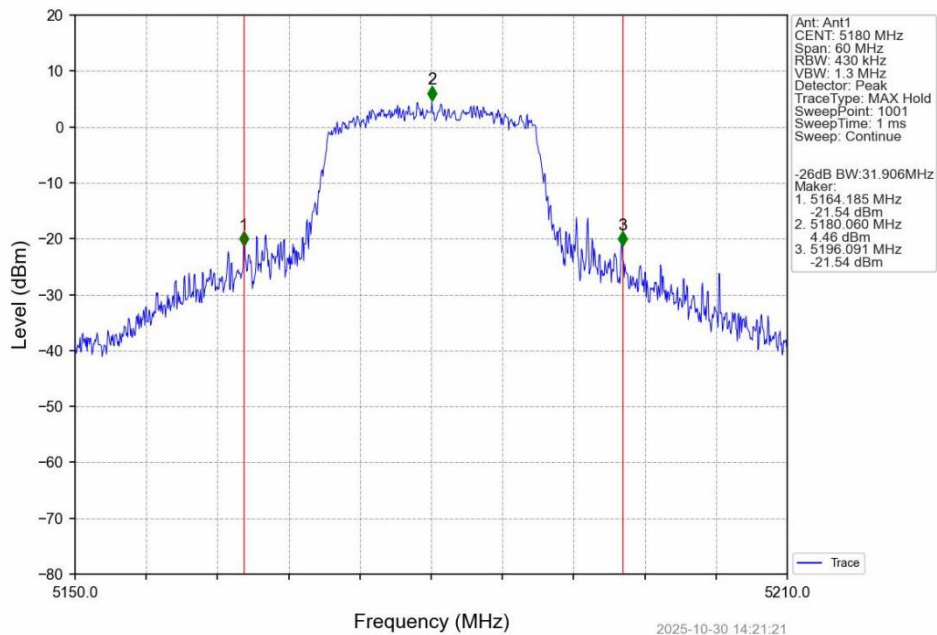




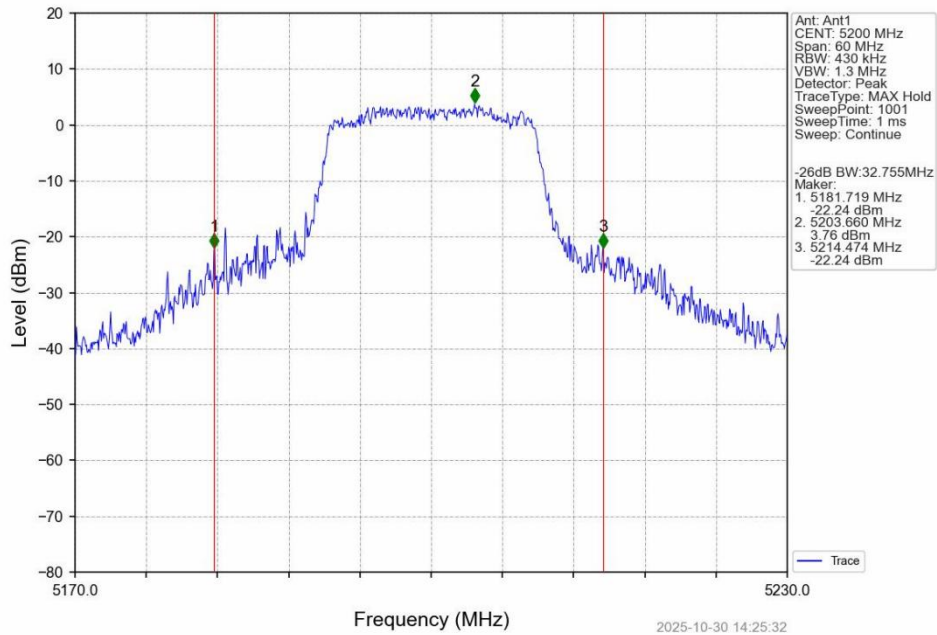
802.11a_HCH_5240MHz_Ant1_NTNV



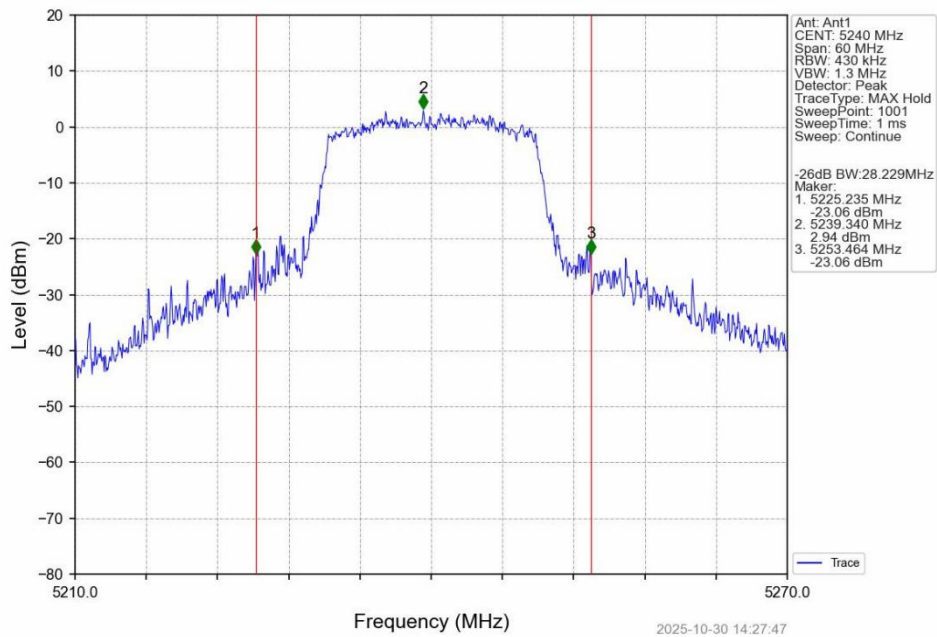
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



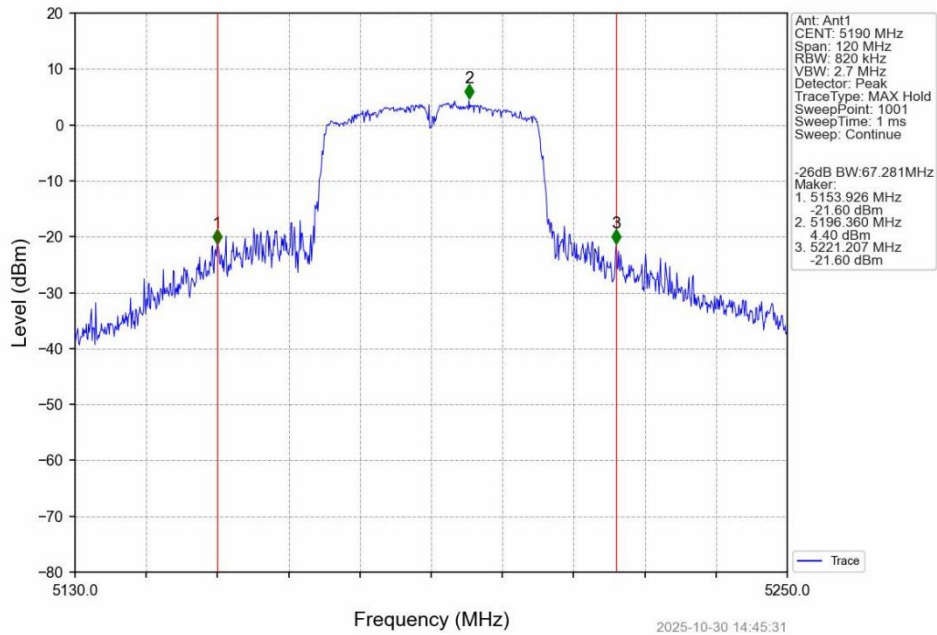
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



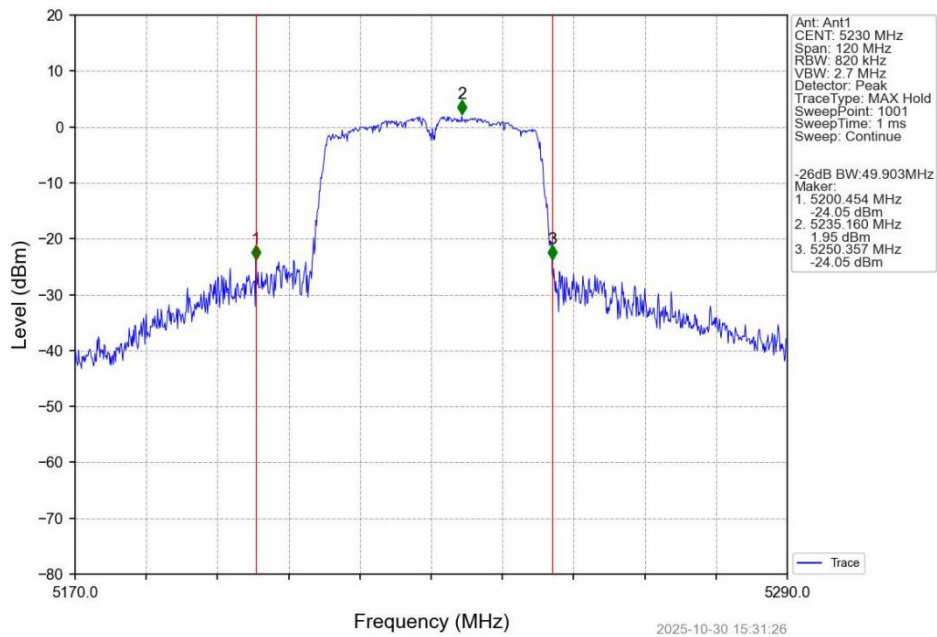
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



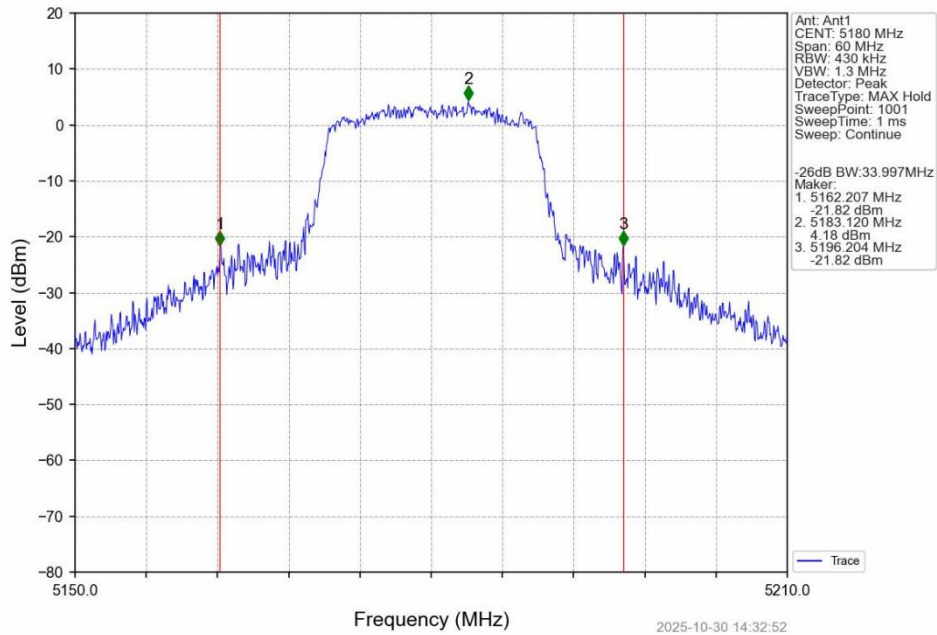
802.11n(HT40) LCH_5190MHz_Ant1_NTNV



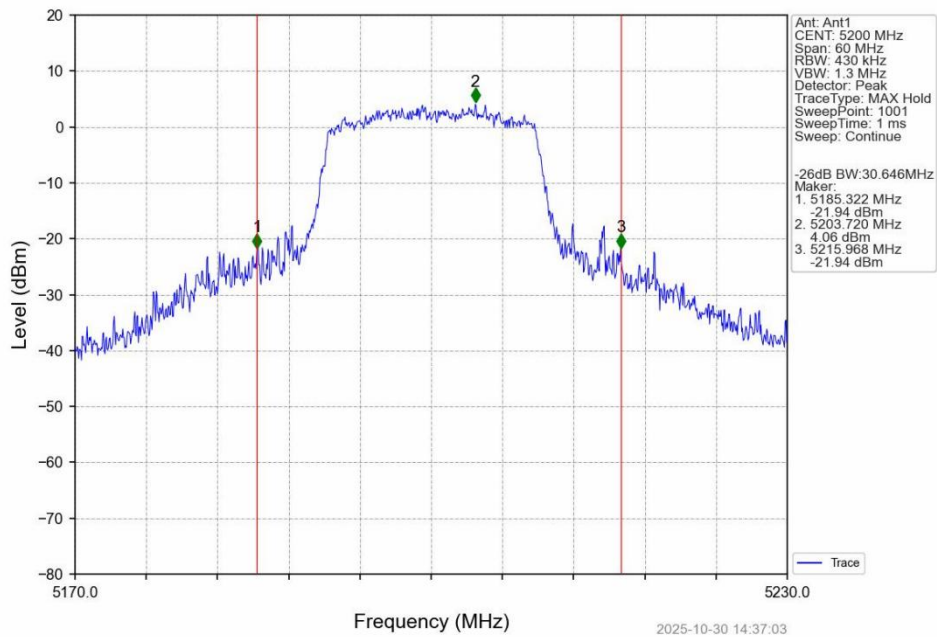
802.11n(HT40) HCH_5230MHz_Ant1_NTNV



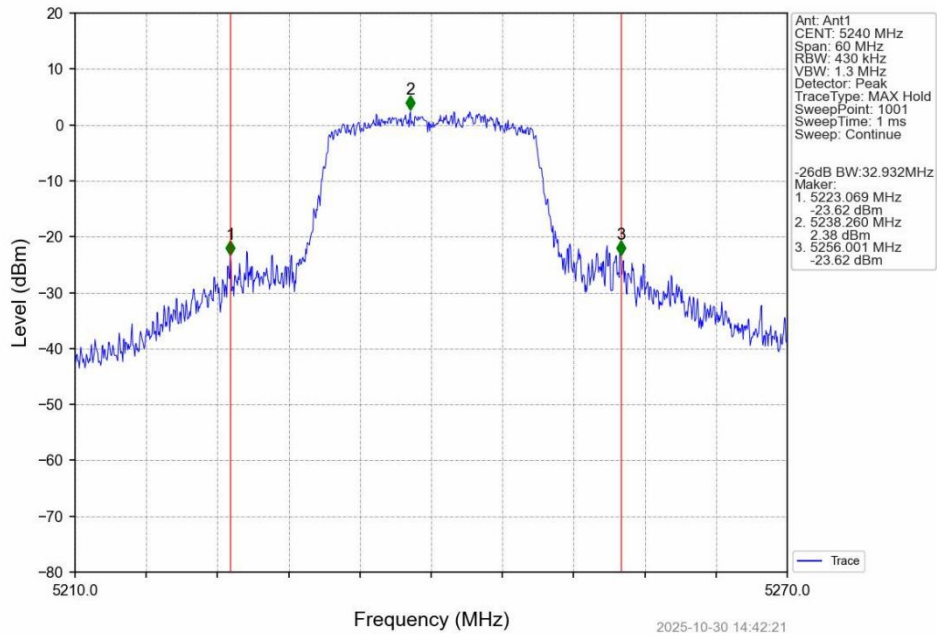
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



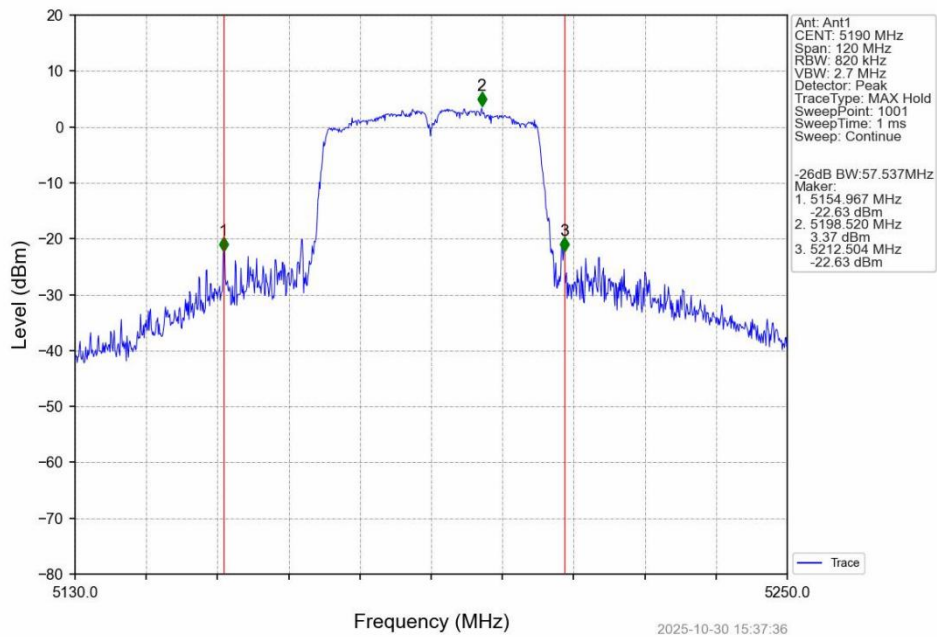
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



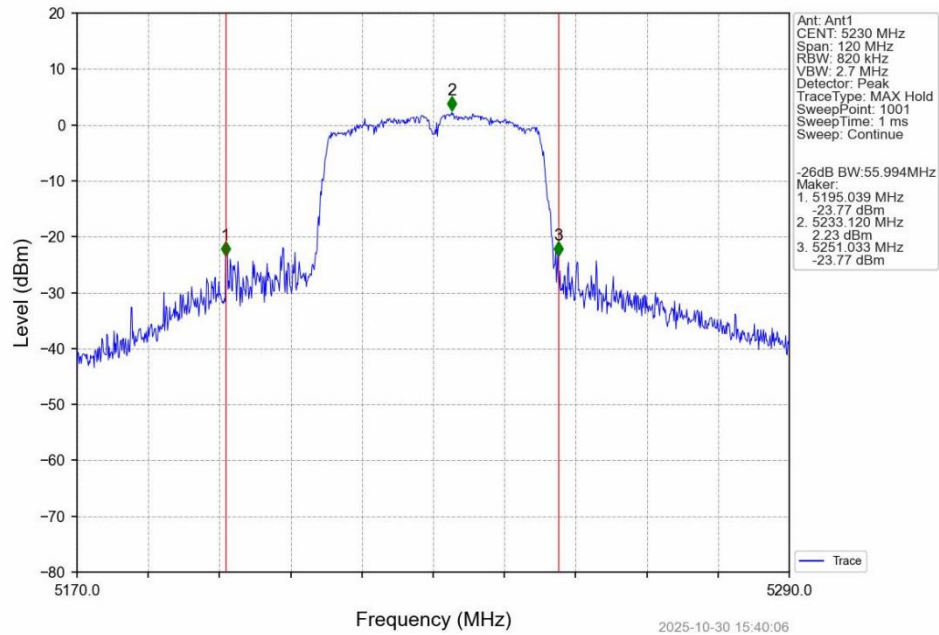
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV





3. Maximum Conducted Output Power

3.1 Test Result

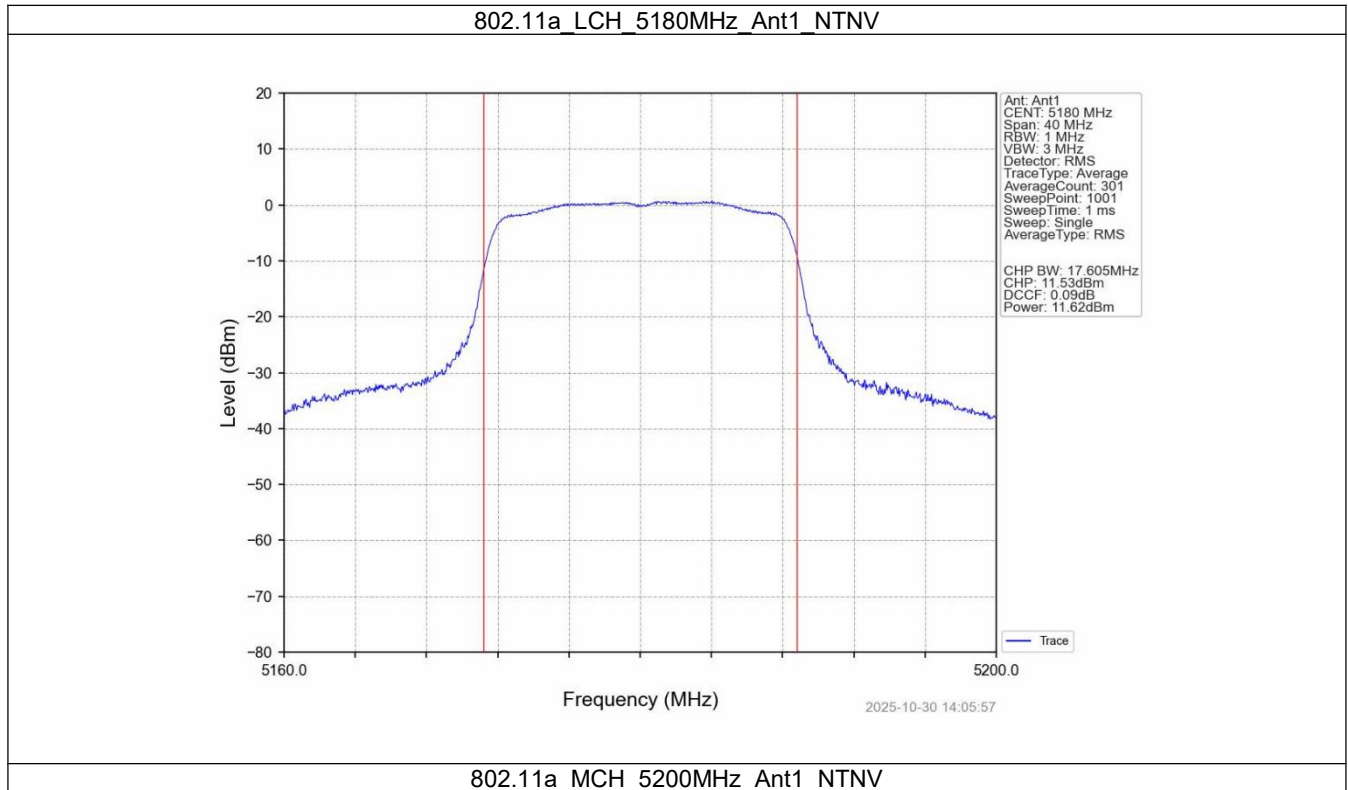
3.1.1 Power

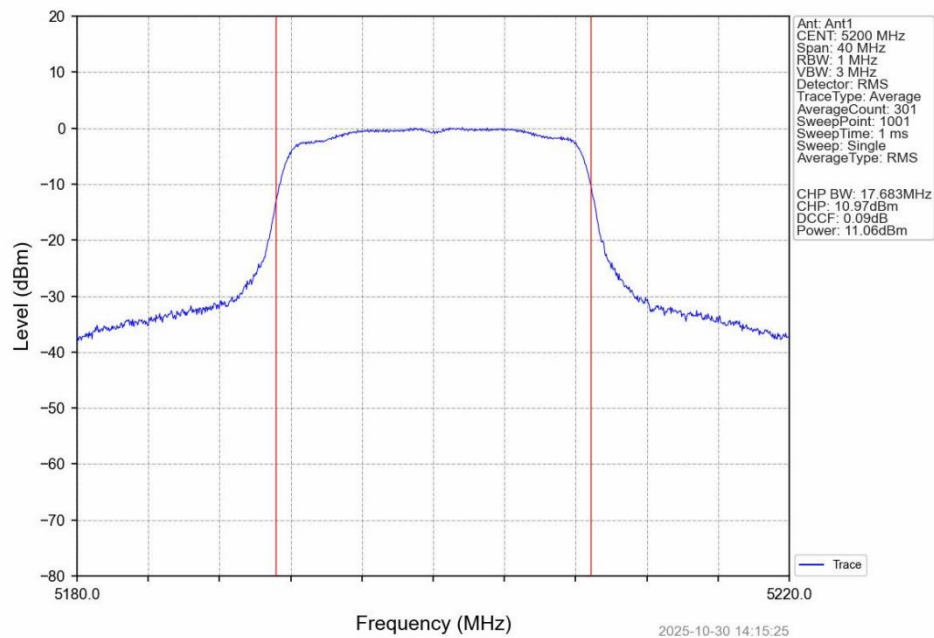
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	11.62	≤ 23.98	Pass
		5200	11.06	≤ 23.98	Pass
		5240	9.97	≤ 23.98	Pass
802.11n (HT20)	SISO	5180	11.43	≤ 23.98	Pass
		5200	10.89	≤ 23.98	Pass
		5240	9.83	≤ 23.98	Pass
802.11n (HT40)	SISO	5190	10.44	≤ 23.98	Pass
		5230	9.38	≤ 23.98	Pass
802.11ac (VHT20)	SISO	5180	11.40	≤ 23.98	Pass
		5200	10.82	≤ 23.98	Pass
		5240	9.84	≤ 23.98	Pass
802.11ac (VHT40)	SISO	5190	10.45	≤ 23.98	Pass
		5230	9.35	≤ 23.98	Pass

Note1: Antenna Gain: Ant1: 1.73dBi;

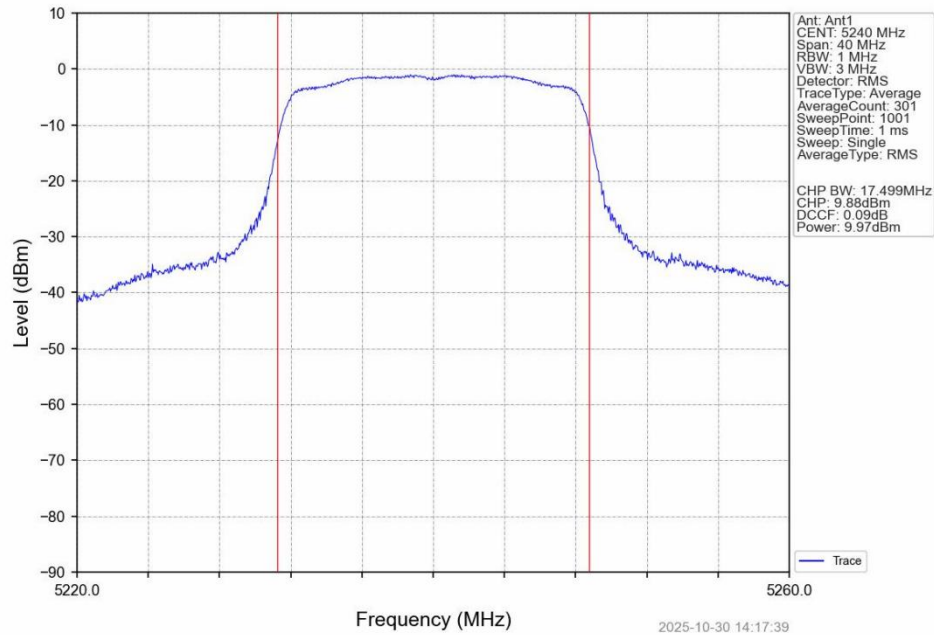
3.2 Test Graph

3.2.1 Power

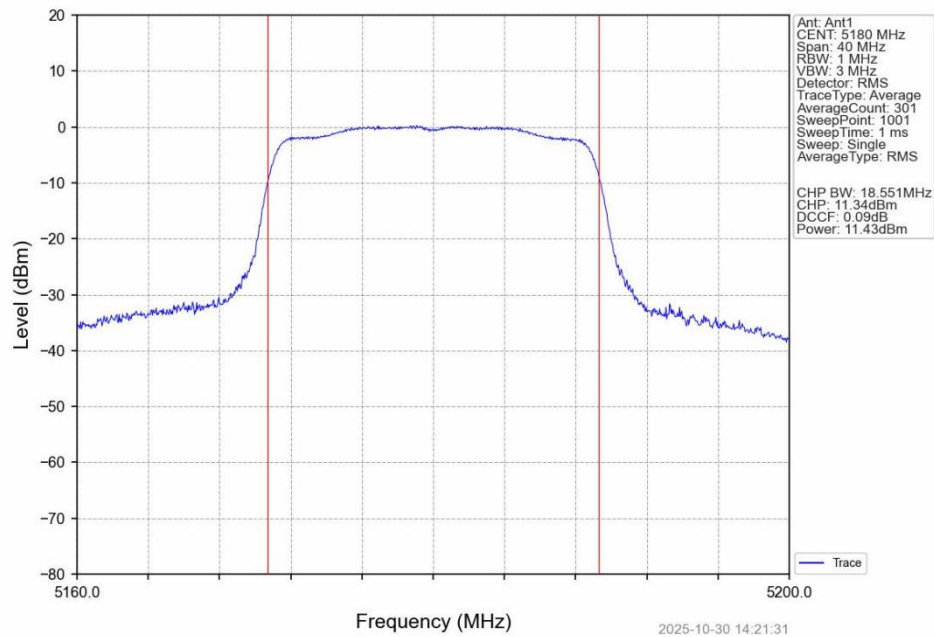




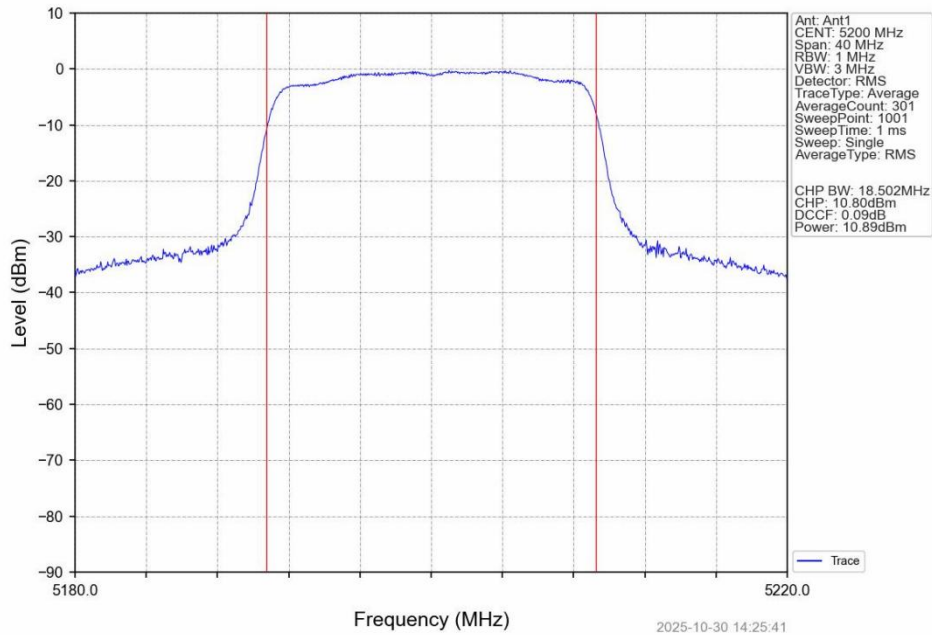
802.11a_HCH_5240MHz_Ant1_NTNV



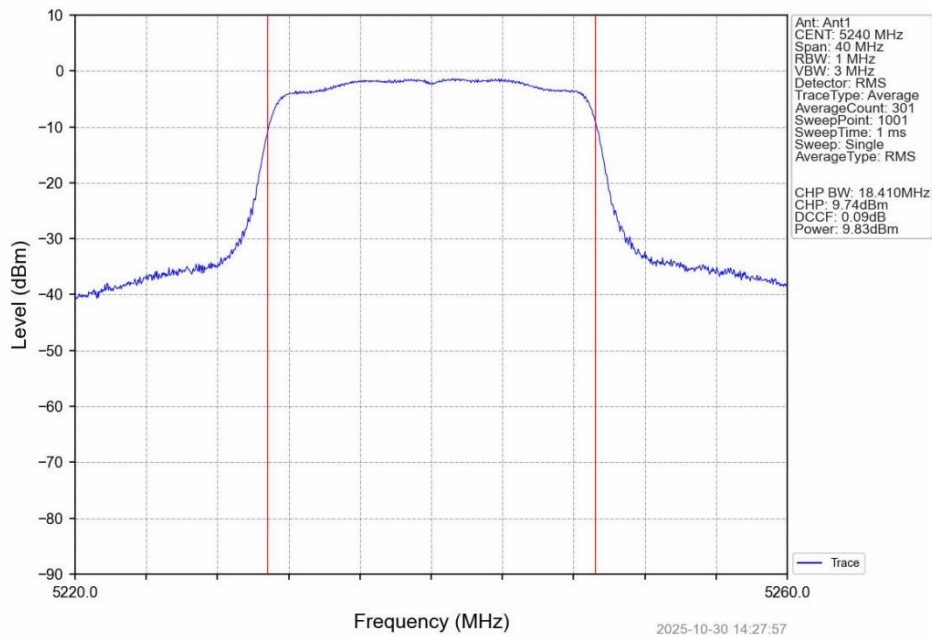
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



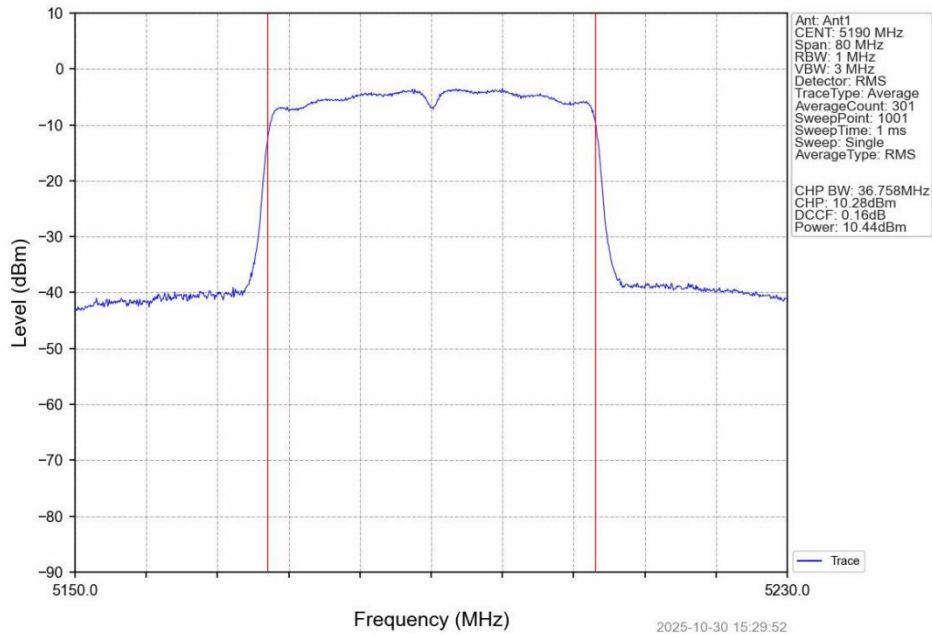
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



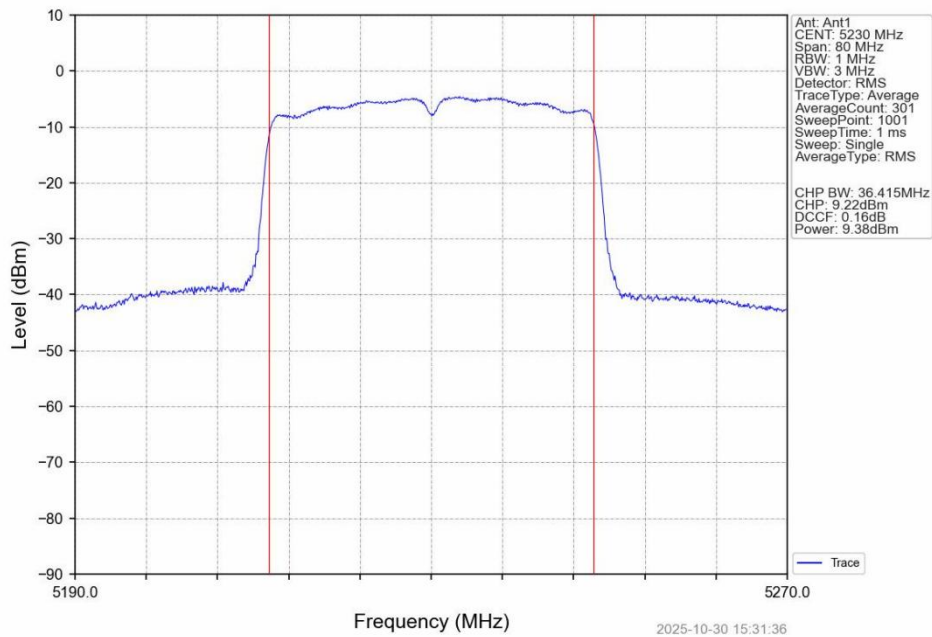
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



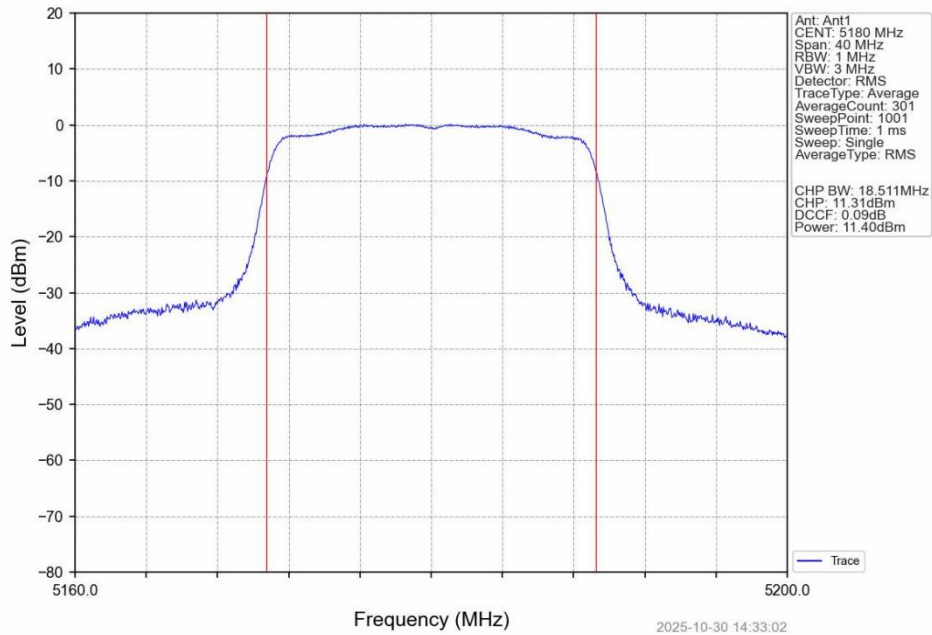
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



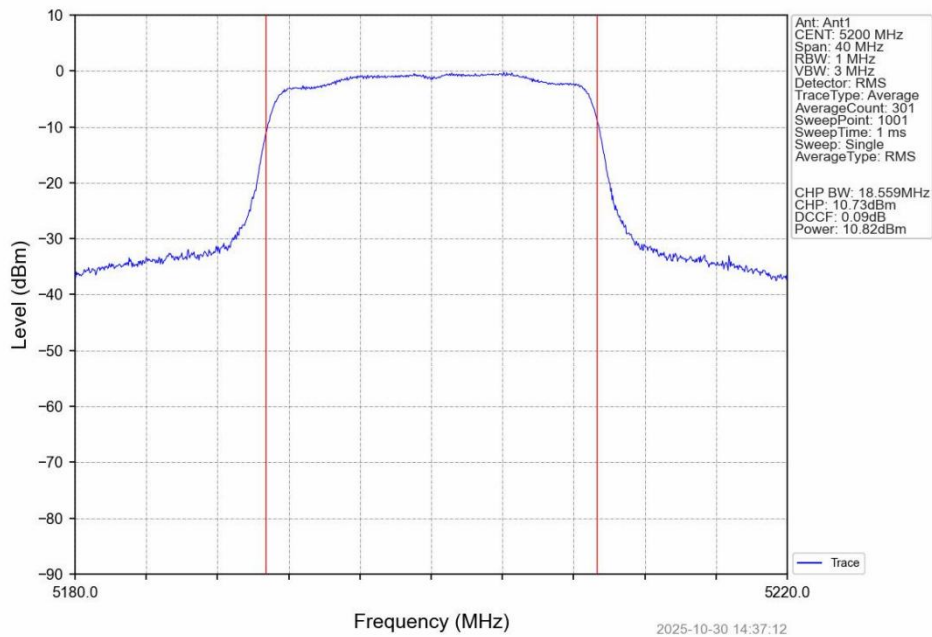
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



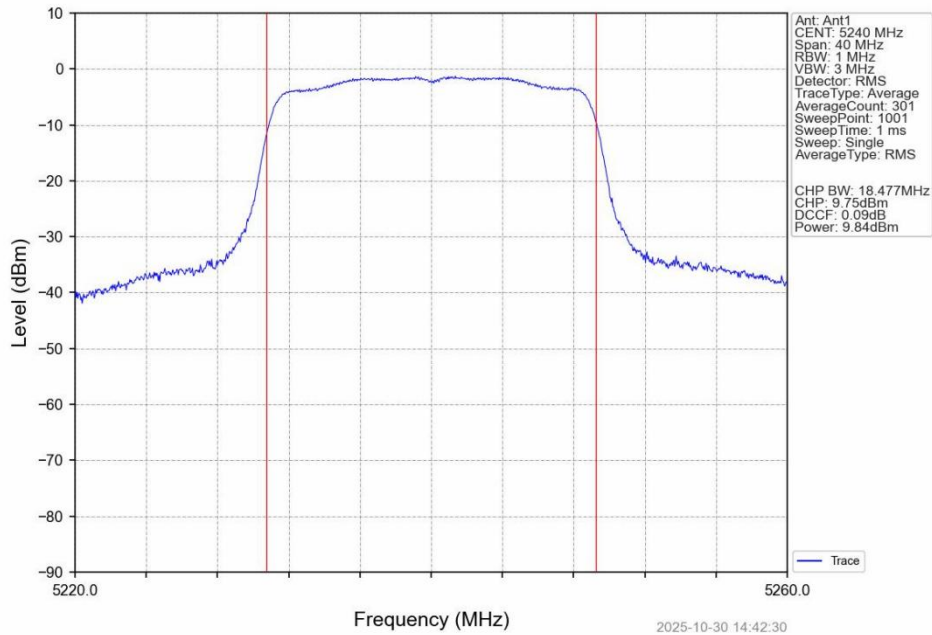
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



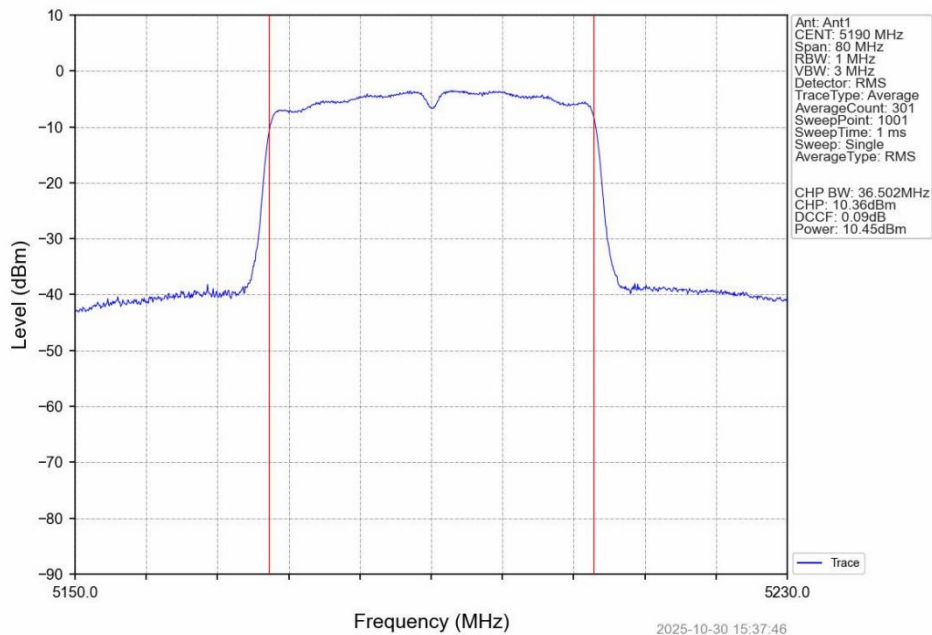
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



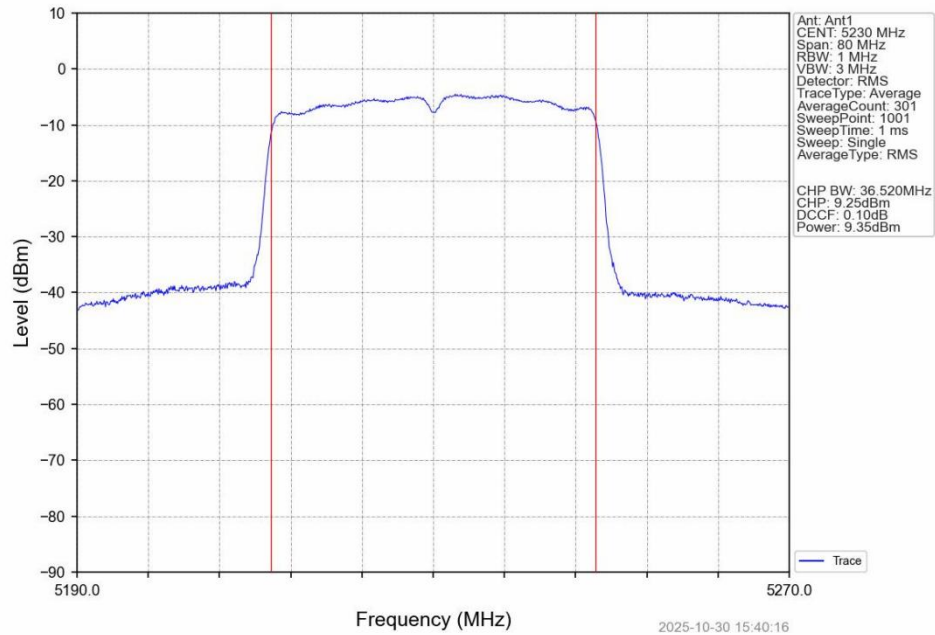
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV





4. Maximum Power Spectral Density

4.1 Test Result

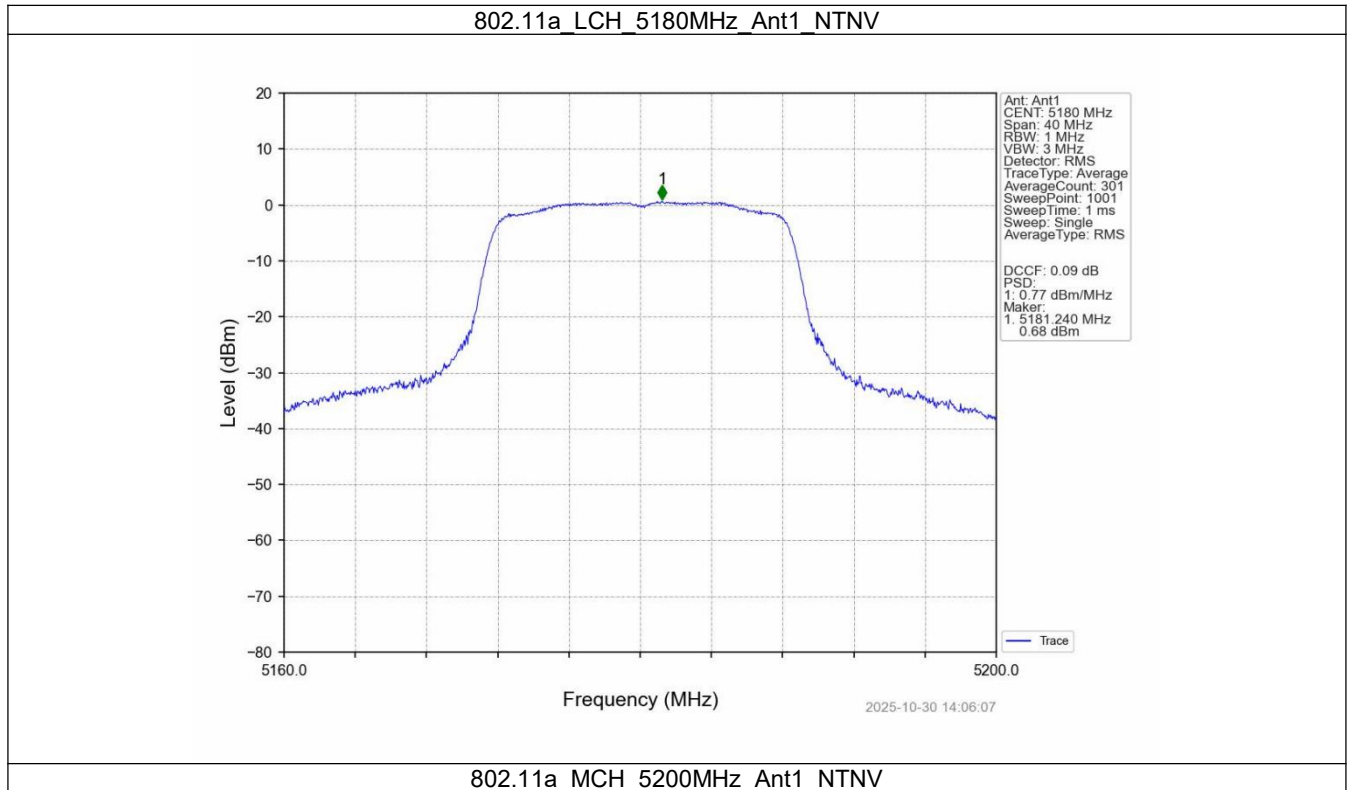
4.1.1 PSD

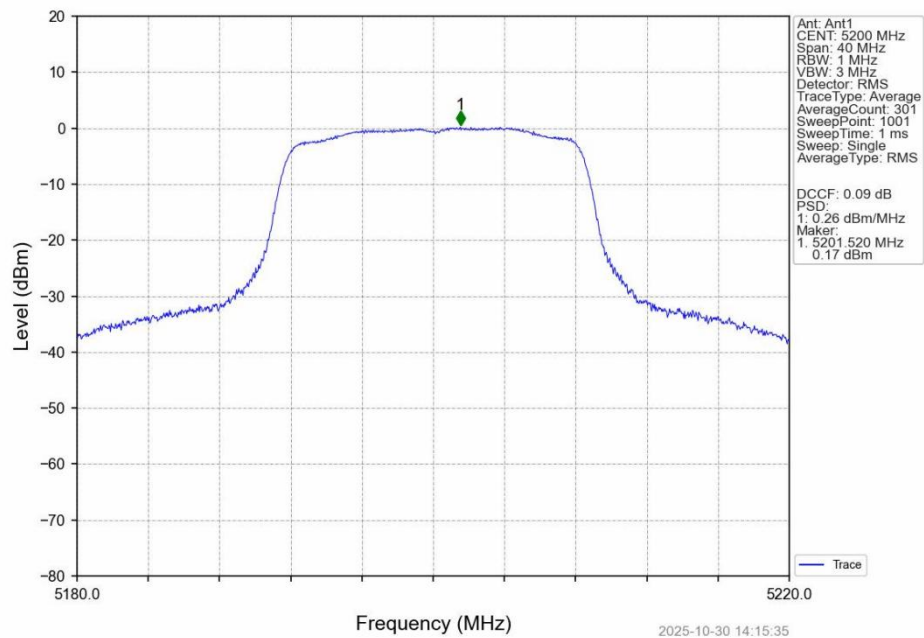
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	0.77	<=11	Pass
		5200	0.26	<=11	Pass
		5240	-0.85	<=11	Pass
802.11n (HT20)	SISO	5180	0.36	<=11	Pass
		5200	-0.01	<=11	Pass
		5240	-1.27	<=11	Pass
802.11n (HT40)	SISO	5190	-3.43	<=11	Pass
		5230	-4.52	<=11	Pass
802.11ac (VHT20)	SISO	5180	0.30	<=11	Pass
		5200	-0.22	<=11	Pass
		5240	-1.28	<=11	Pass
802.11ac (VHT40)	SISO	5190	-3.28	<=11	Pass
		5230	-4.45	<=11	Pass

Note1: Antenna Gain: Ant1: 1.73dBi;

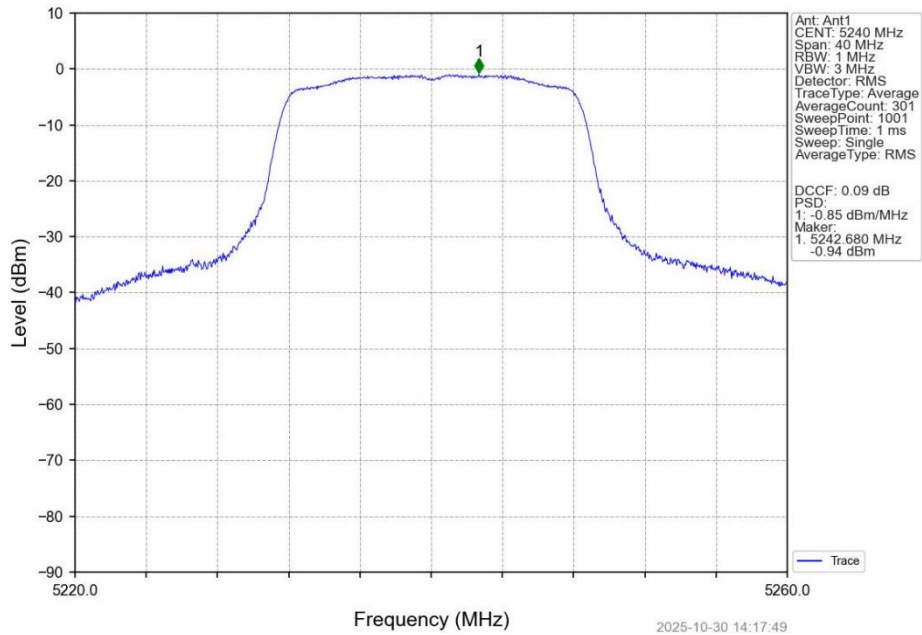
4.2 Test Graph

4.2.1 PSD

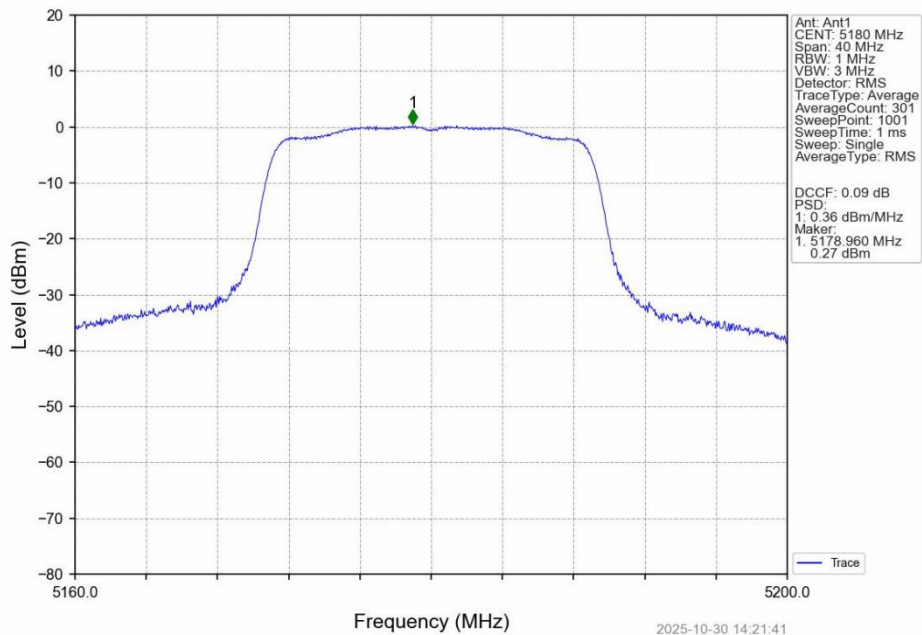




802.11a_HCH_5240MHz_Ant1_NTNV

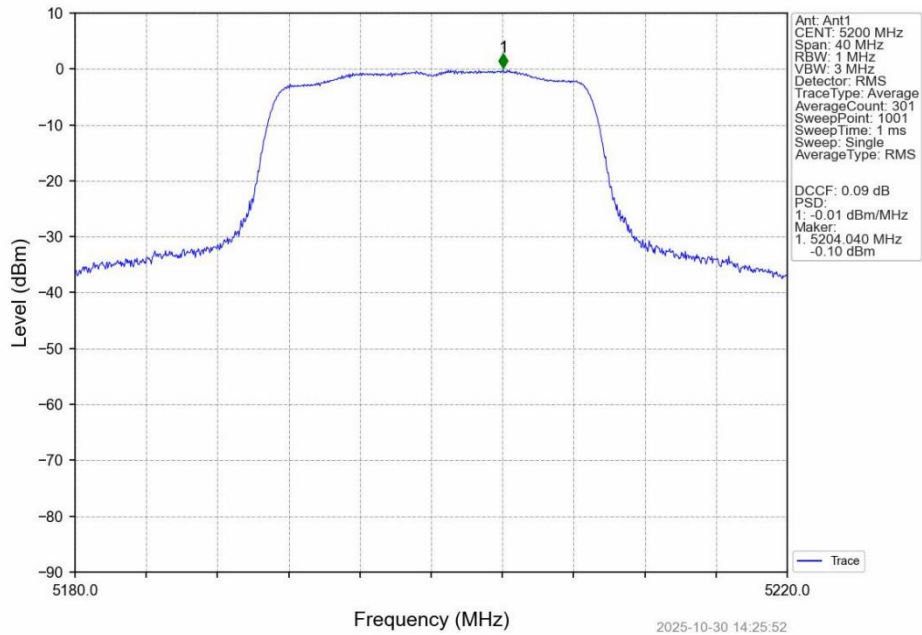


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

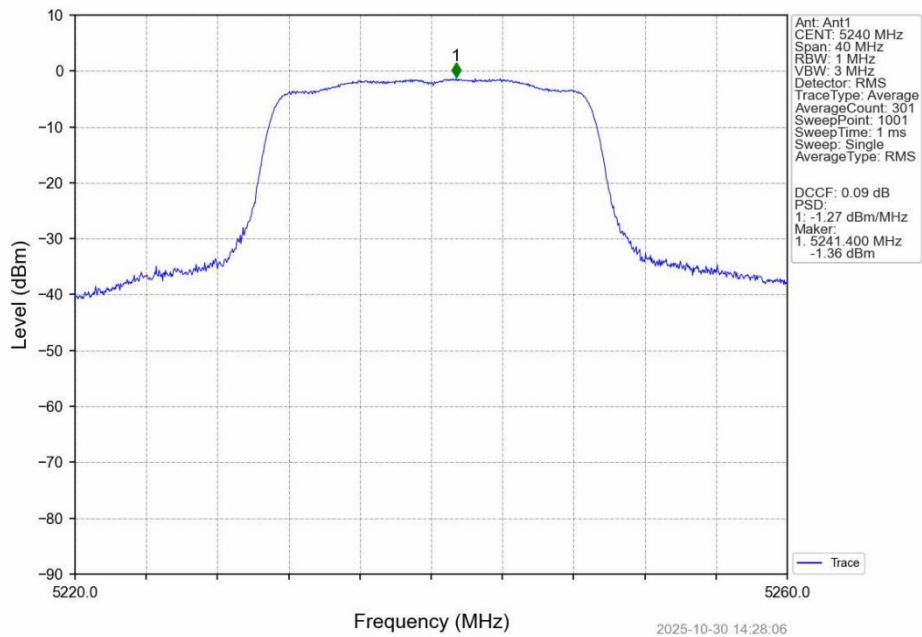




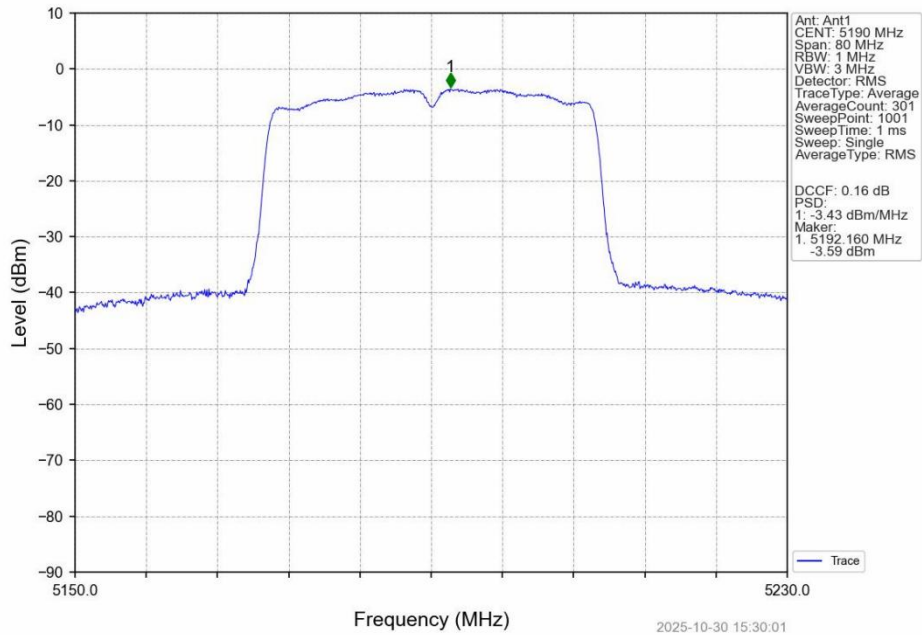
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



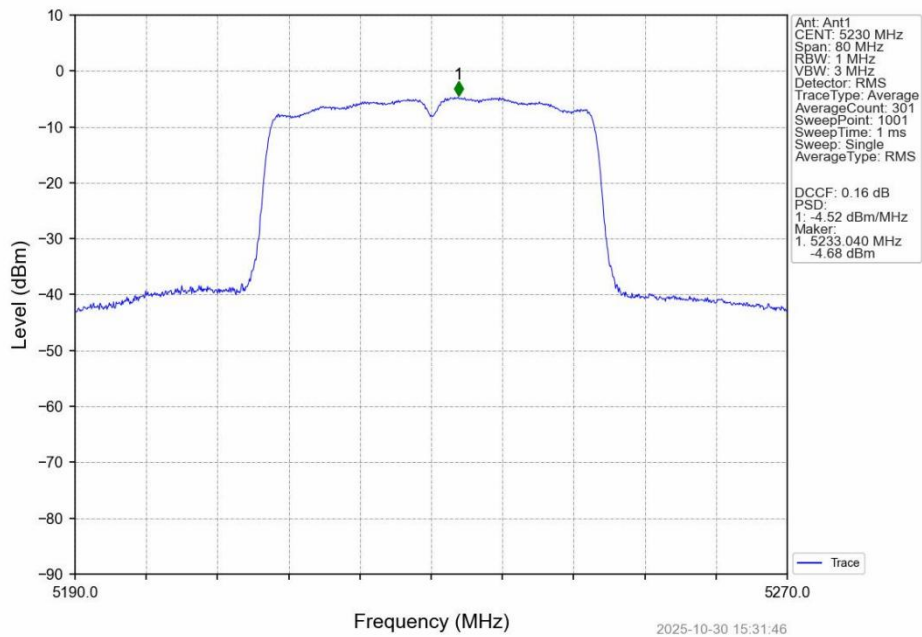
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



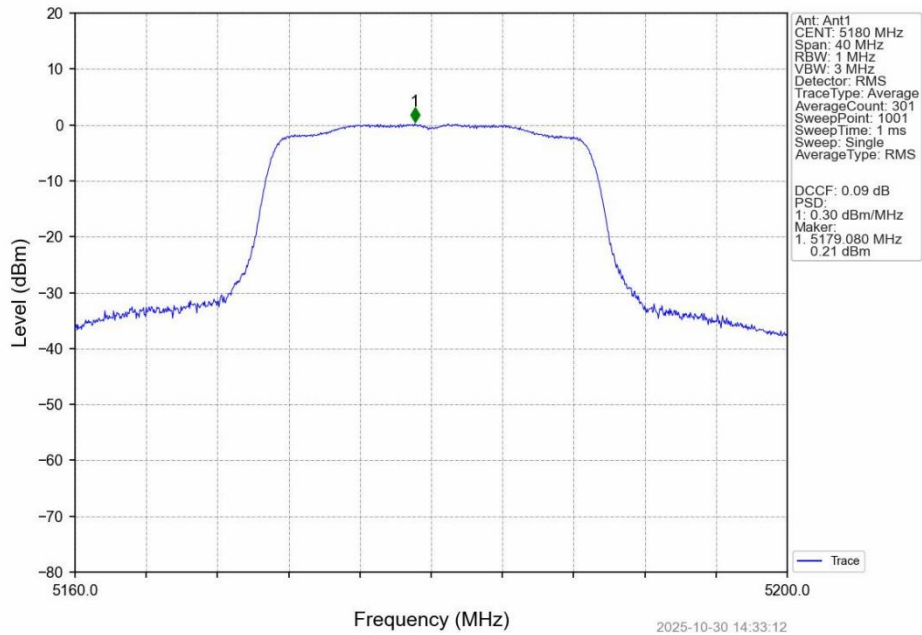
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



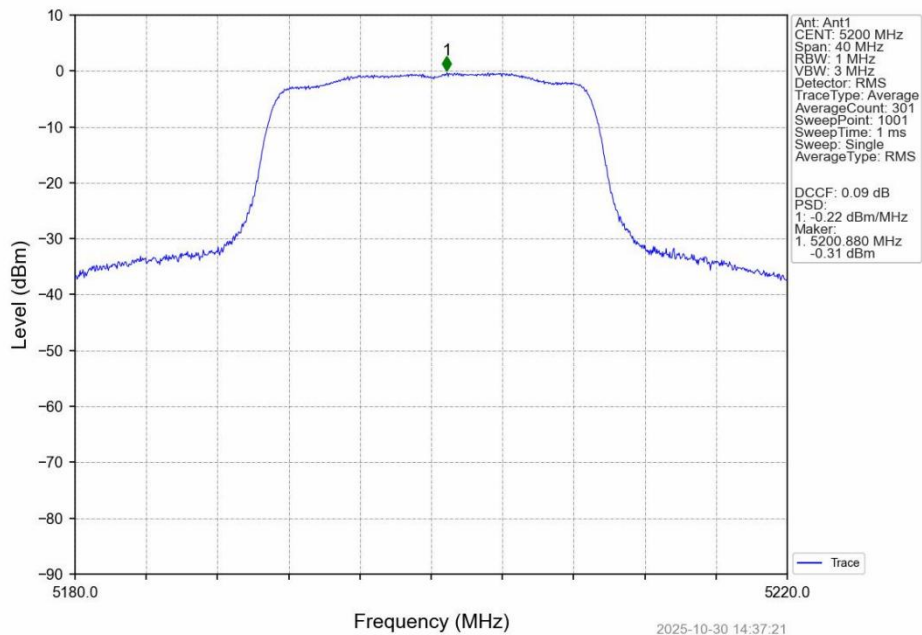
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



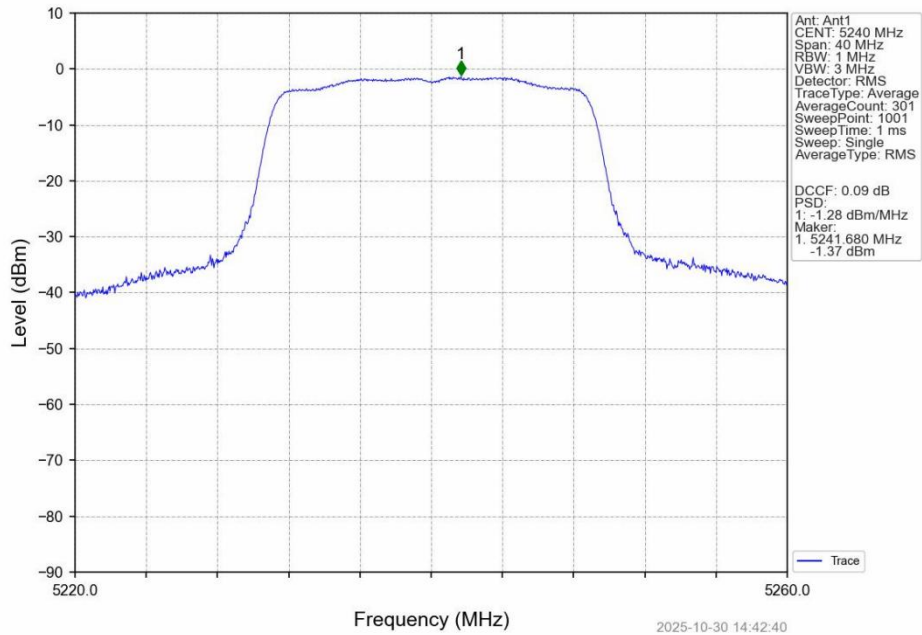
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



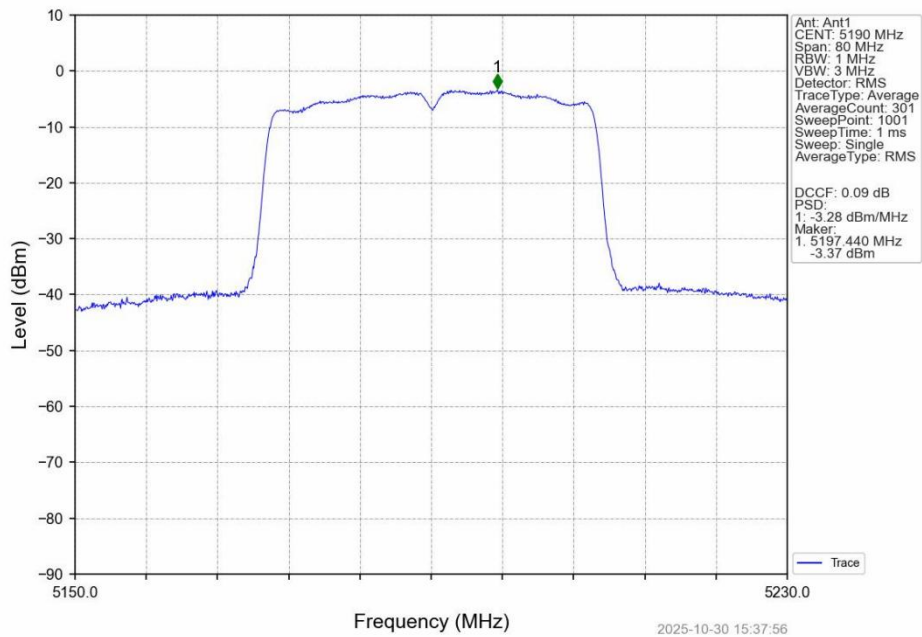
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

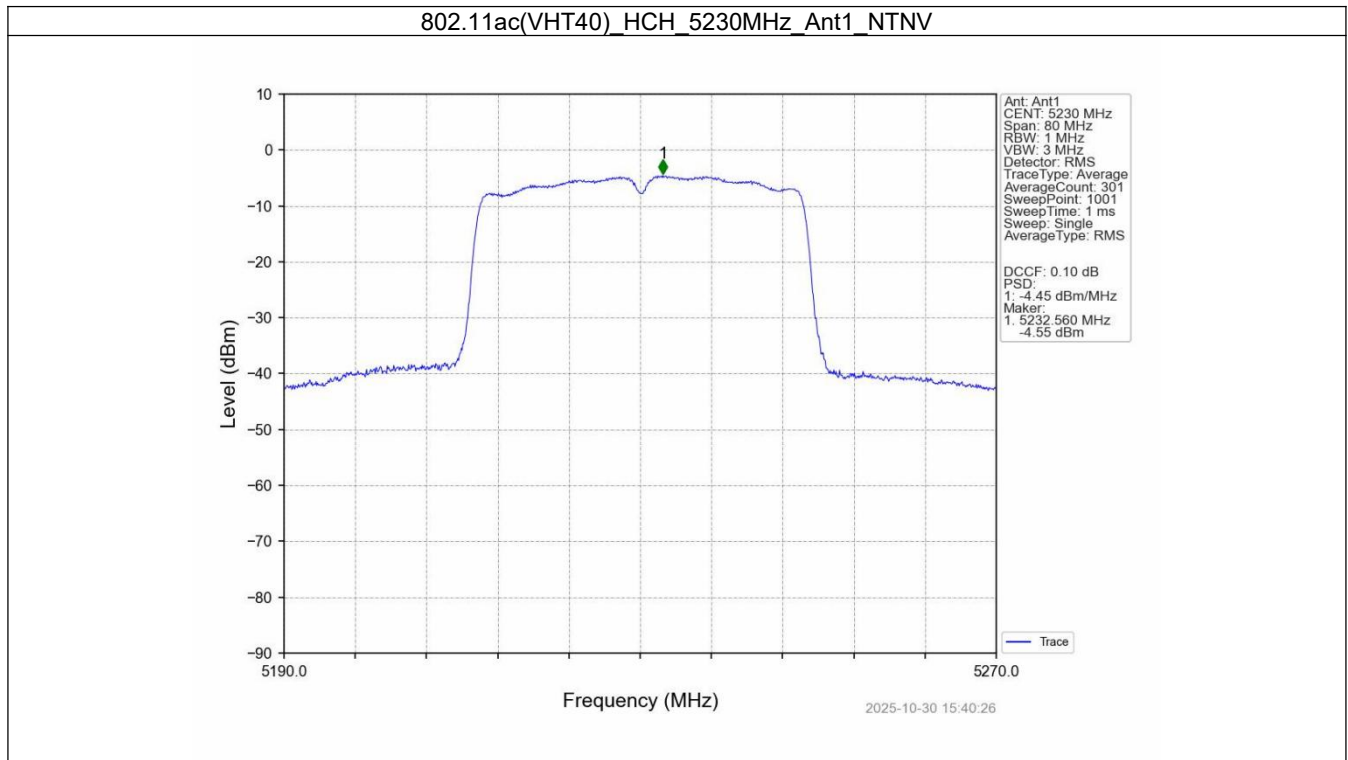


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV







5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5180.040	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5180.060	5150 to 5250	Pass
			-30	120	5180.040	5150 to 5250	Pass
			-20	120	5180.080	5150 to 5250	Pass
			-10	120	5180.020	5150 to 5250	Pass
			0	120	5180.080	5150 to 5250	Pass
			10	120	5180.140	5150 to 5250	Pass
			30	120	5180.060	5150 to 5250	Pass
			40	120	5180.020	5150 to 5250	Pass
			50	120	5180.080	5150 to 5250	Pass
		5200	20	102	5200.100	5150 to 5250	Pass
				120	5200.100	5150 to 5250	Pass
				138	5200.040	5150 to 5250	Pass
			-30	120	5200.100	5150 to 5250	Pass
			-20	120	5200.160	5150 to 5250	Pass
			-10	120	5200.040	5150 to 5250	Pass
			0	120	5200.100	5150 to 5250	Pass
			10	120	5200.140	5150 to 5250	Pass
			30	120	5200.100	5150 to 5250	Pass
			40	120	5200.060	5150 to 5250	Pass
			50	120	5200.080	5150 to 5250	Pass
		5240	20	102	5240.060	5150 to 5250	Pass
				120	5240.080	5150 to 5250	Pass
				138	5240.060	5150 to 5250	Pass
			-30	120	5240.160	5150 to 5250	Pass
			-20	120	5240.040	5150 to 5250	Pass
			-10	120	5240.080	5150 to 5250	Pass
			0	120	5240.080	5150 to 5250	Pass
			10	120	5240.060	5150 to 5250	Pass
			30	120	5240.060	5150 to 5250	Pass
			40	120	5240.060	5150 to 5250	Pass
			50	120	5240.060	5150 to 5250	Pass
802.11n (HT20)	SISO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5180.060	5150 to 5250	Pass
				138	5180.000	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
			-20	120	5180.060	5150 to 5250	Pass
			-10	120	5180.080	5150 to 5250	Pass
			0	120	5180.080	5150 to 5250	Pass
			10	120	5180.060	5150 to 5250	Pass



			30	120	5180.080	5150 to 5250	Pass
			40	120	5180.100	5150 to 5250	Pass
			50	120	5180.000	5150 to 5250	Pass
		5200	20	102	5200.060	5150 to 5250	Pass
				120	5200.140	5150 to 5250	Pass
				138	5200.100	5150 to 5250	Pass
			-30	120	5200.100	5150 to 5250	Pass
			-20	120	5200.040	5150 to 5250	Pass
			-10	120	5200.080	5150 to 5250	Pass
			0	120	5200.100	5150 to 5250	Pass
			10	120	5200.080	5150 to 5250	Pass
			30	120	5200.100	5150 to 5250	Pass
			40	120	5200.080	5150 to 5250	Pass
			50	120	5200.120	5150 to 5250	Pass
		5240	20	102	5240.060	5150 to 5250	Pass
				120	5240.040	5150 to 5250	Pass
				138	5240.060	5150 to 5250	Pass
			-30	120	5240.060	5150 to 5250	Pass
			-20	120	5240.100	5150 to 5250	Pass
			-10	120	5240.060	5150 to 5250	Pass
			0	120	5240.020	5150 to 5250	Pass
			10	120	5240.060	5150 to 5250	Pass
			30	120	5240.080	5150 to 5250	Pass
			40	120	5240.040	5150 to 5250	Pass
			50	120	5240.080	5150 to 5250	Pass
802.11n (HT40)	SISO	5190	20	102	5190.160	5150 to 5250	Pass
				120	5190.200	5150 to 5250	Pass
				138	5190.200	5150 to 5250	Pass
			-30	120	5190.120	5150 to 5250	Pass
			-20	120	5190.120	5150 to 5250	Pass
			-10	120	5190.160	5150 to 5250	Pass
			0	120	5190.120	5150 to 5250	Pass
			10	120	5190.120	5150 to 5250	Pass
			30	120	5190.160	5150 to 5250	Pass
			40	120	5190.200	5150 to 5250	Pass
			50	120	5190.120	5150 to 5250	Pass
		5230	20	102	5230.120	5150 to 5250	Pass
				120	5230.160	5150 to 5250	Pass
				138	5230.120	5150 to 5250	Pass
			-30	120	5230.120	5150 to 5250	Pass
			-20	120	5230.200	5150 to 5250	Pass
			-10	120	5230.200	5150 to 5250	Pass
			0	120	5230.120	5150 to 5250	Pass
			10	120	5230.160	5150 to 5250	Pass
			30	120	5230.120	5150 to 5250	Pass
			40	120	5230.160	5150 to 5250	Pass
			50	120	5230.160	5150 to 5250	Pass
802.11ac (VHT20)	SISO	5180	20	102	5180.020	5150 to 5250	Pass
				120	5180.040	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5180.060	5150 to 5250	Pass
			-20	120	5180.040	5150 to 5250	Pass
			-10	120	5180.060	5150 to 5250	Pass
			0	120	5180.080	5150 to 5250	Pass



802.11ac (VHT40)	SISO		10	120	5179.960	5150 to 5250	Pass
			30	120	5180.040	5150 to 5250	Pass
			40	120	5180.080	5150 to 5250	Pass
			50	120	5180.000	5150 to 5250	Pass
		5200	20	102	5200.080	5150 to 5250	Pass
				120	5200.100	5150 to 5250	Pass
				138	5200.120	5150 to 5250	Pass
			-30	120	5200.100	5150 to 5250	Pass
			-20	120	5200.140	5150 to 5250	Pass
			-10	120	5200.100	5150 to 5250	Pass
			0	120	5200.120	5150 to 5250	Pass
			10	120	5200.080	5150 to 5250	Pass
			30	120	5200.140	5150 to 5250	Pass
			40	120	5200.120	5150 to 5250	Pass
			50	120	5200.080	5150 to 5250	Pass
		5240	20	102	5240.060	5150 to 5250	Pass
				120	5240.080	5150 to 5250	Pass
				138	5240.120	5150 to 5250	Pass
			-30	120	5240.100	5150 to 5250	Pass
			-20	120	5240.120	5150 to 5250	Pass
			-10	120	5240.120	5150 to 5250	Pass
			0	120	5240.060	5150 to 5250	Pass
			10	120	5240.060	5150 to 5250	Pass
			30	120	5240.060	5150 to 5250	Pass
			40	120	5240.080	5150 to 5250	Pass
			50	120	5240.060	5150 to 5250	Pass
		5190	20	102	5190.120	5150 to 5250	Pass
				120	5190.160	5150 to 5250	Pass
				138	5190.200	5150 to 5250	Pass
			-30	120	5190.160	5150 to 5250	Pass
			-20	120	5190.120	5150 to 5250	Pass
			-10	120	5190.120	5150 to 5250	Pass
			0	120	5190.160	5150 to 5250	Pass
			10	120	5190.120	5150 to 5250	Pass
			30	120	5190.160	5150 to 5250	Pass
			40	120	5190.120	5150 to 5250	Pass
			50	120	5190.160	5150 to 5250	Pass
		5230	20	102	5230.120	5150 to 5250	Pass
				120	5230.080	5150 to 5250	Pass
				138	5230.120	5150 to 5250	Pass
			-30	120	5230.120	5150 to 5250	Pass
			-20	120	5230.200	5150 to 5250	Pass
			-10	120	5230.160	5150 to 5250	Pass
			0	120	5230.080	5150 to 5250	Pass
			10	120	5230.120	5150 to 5250	Pass
			30	120	5230.200	5150 to 5250	Pass
			40	120	5230.120	5150 to 5250	Pass
			50	120	5230.120	5150 to 5250	Pass



6. Band Edge

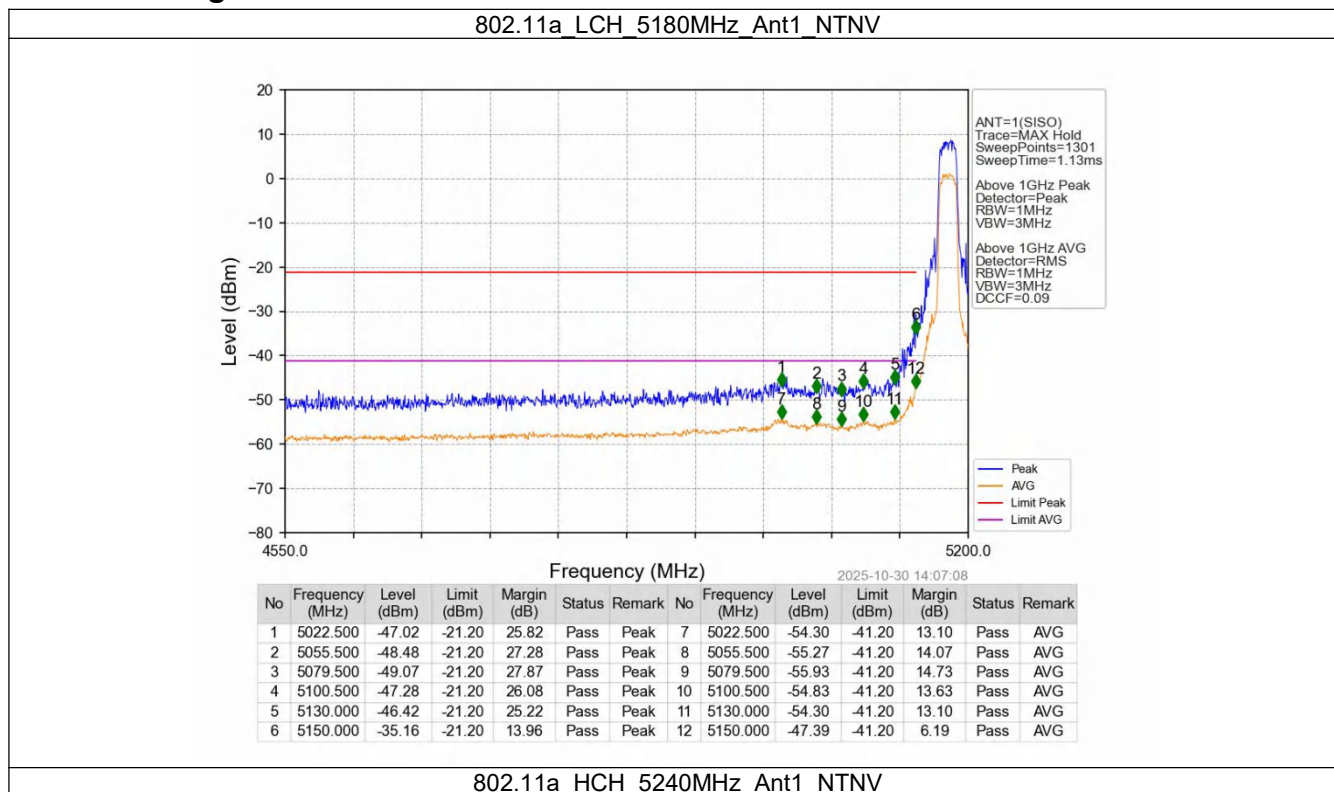
6.1 Test Result

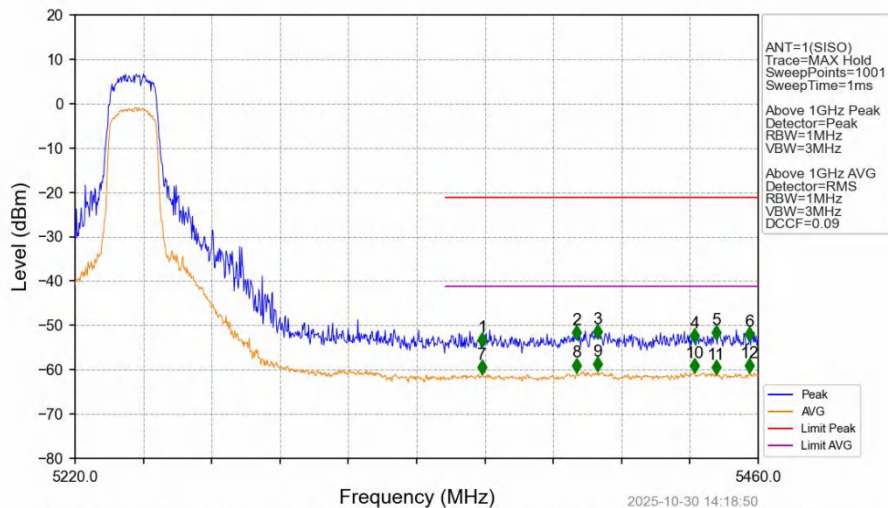
6.1.1 BandEdge

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

6.2 Test Graph

6.2.1 BandEdge

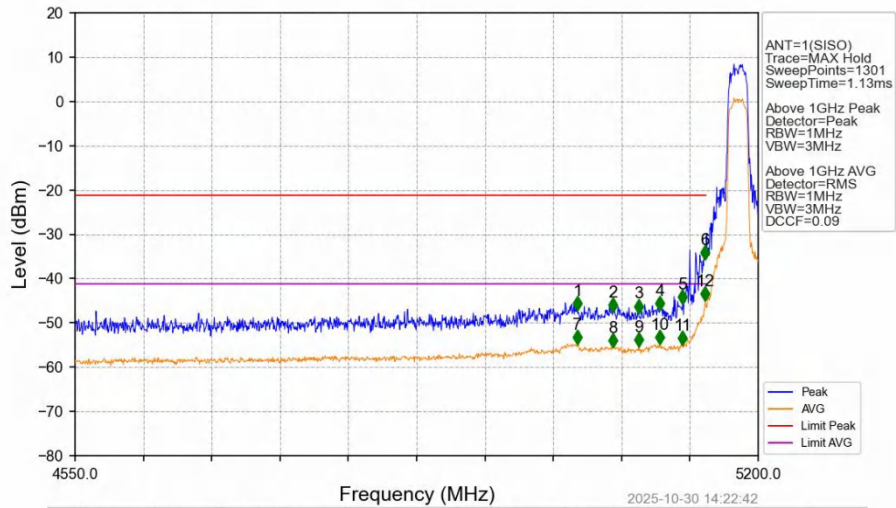




No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5363.040	-54.83	-21.20	33.63	Pass	Peak	7	5363.040	-61.00	-41.20	19.80	Pass	AVG
2	5396.160	-53.25	-21.20	32.05	Pass	Peak	8	5396.160	-60.54	-41.20	19.34	Pass	AVG
3	5403.600	-52.97	-21.20	31.77	Pass	Peak	9	5403.600	-60.36	-41.20	19.16	Pass	AVG
4	5437.680	-53.81	-21.20	32.61	Pass	Peak	10	5437.680	-60.63	-41.20	19.43	Pass	AVG
5	5445.120	-53.11	-21.20	31.91	Pass	Peak	11	5445.120	-60.93	-41.20	19.73	Pass	AVG
6	5456.880	-53.51	-21.20	32.31	Pass	Peak	12	5456.880	-60.58	-41.20	19.38	Pass	AVG

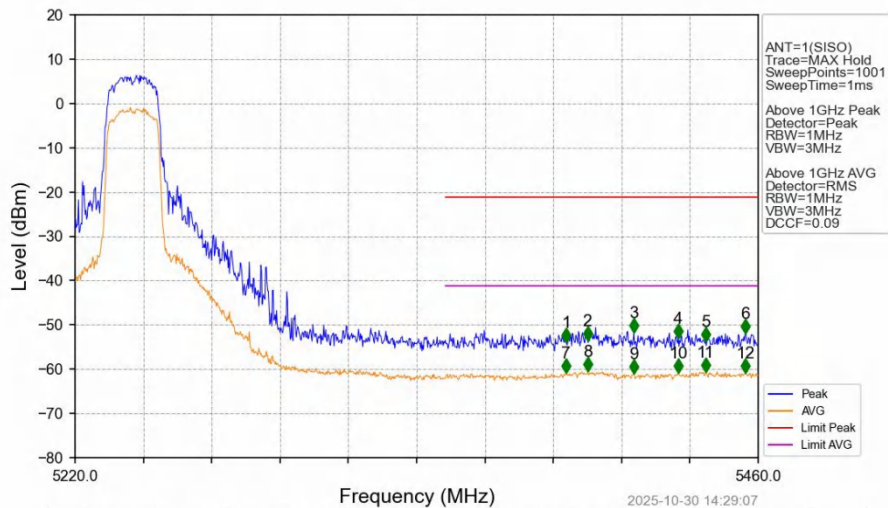


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5028.000	-47.17	-21.20	25.97	Pass	Peak	7	5028.000	-54.75	-41.20	13.55	Pass	AVG
2	5062.000	-47.50	-21.20	26.30	Pass	Peak	8	5062.000	-55.46	-41.20	14.26	Pass	AVG
3	5086.000	-47.79	-21.20	26.59	Pass	Peak	9	5086.000	-55.41	-41.20	14.21	Pass	AVG
4	5106.500	-47.09	-21.20	25.89	Pass	Peak	10	5106.500	-54.75	-41.20	13.55	Pass	AVG
5	5128.000	-45.79	-21.20	24.59	Pass	Peak	11	5128.000	-54.95	-41.20	13.75	Pass	AVG
6	5149.500	-35.76	-21.20	14.56	Pass	Peak	12	5149.500	-44.89	-41.20	3.69	Pass	AVG

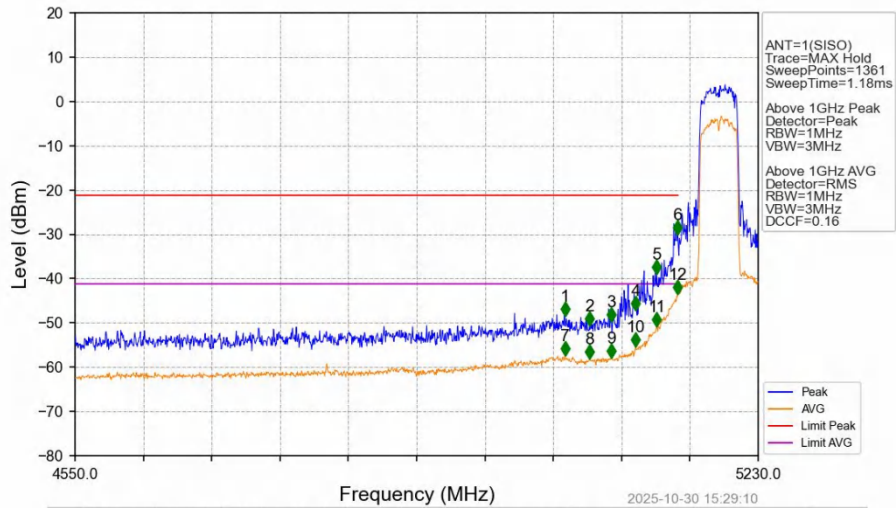
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5392.560	-53.89	-21.20	32.69	Pass	Peak	7	5392.560	-60.80	-41.20	19.60	Pass	AVG
2	5400.000	-53.50	-21.20	32.30	Pass	Peak	8	5400.000	-60.53	-41.20	19.33	Pass	AVG
3	5416.320	-51.77	-21.20	30.57	Pass	Peak	9	5416.320	-60.97	-41.20	19.77	Pass	AVG
4	5431.920	-52.93	-21.20	31.73	Pass	Peak	10	5431.920	-60.79	-41.20	19.59	Pass	AVG
5	5441.520	-53.69	-21.20	32.49	Pass	Peak	11	5441.520	-60.57	-41.20	19.37	Pass	AVG
6	5455.440	-51.82	-21.20	30.62	Pass	Peak	12	5455.440	-60.89	-41.20	19.69	Pass	AVG

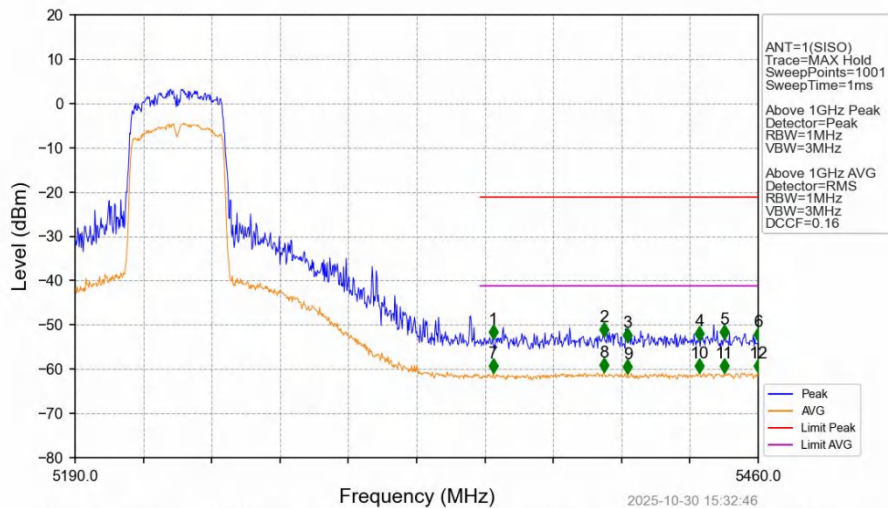


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



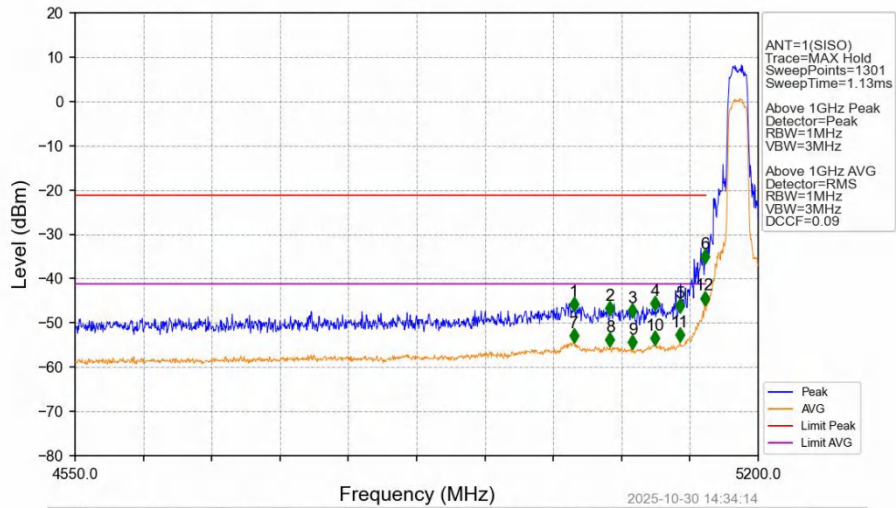
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5037.500	-48.47	-21.20	27.27	Pass	Peak	7	5037.500	-57.36	-41.20	16.16	Pass	AVG
2	5062.000	-50.64	-21.20	29.44	Pass	Peak	8	5062.000	-58.13	-41.20	16.93	Pass	AVG
3	5083.500	-49.63	-21.20	28.43	Pass	Peak	9	5083.500	-57.87	-41.20	16.67	Pass	AVG
4	5108.000	-47.24	-21.20	26.04	Pass	Peak	10	5108.000	-55.33	-41.20	14.13	Pass	AVG
5	5129.000	-38.89	-21.20	17.69	Pass	Peak	11	5129.000	-50.81	-41.20	9.61	Pass	AVG
6	5150.000	-30.04	-21.20	8.84	Pass	Peak	12	5150.000	-43.55	-41.20	2.35	Pass	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



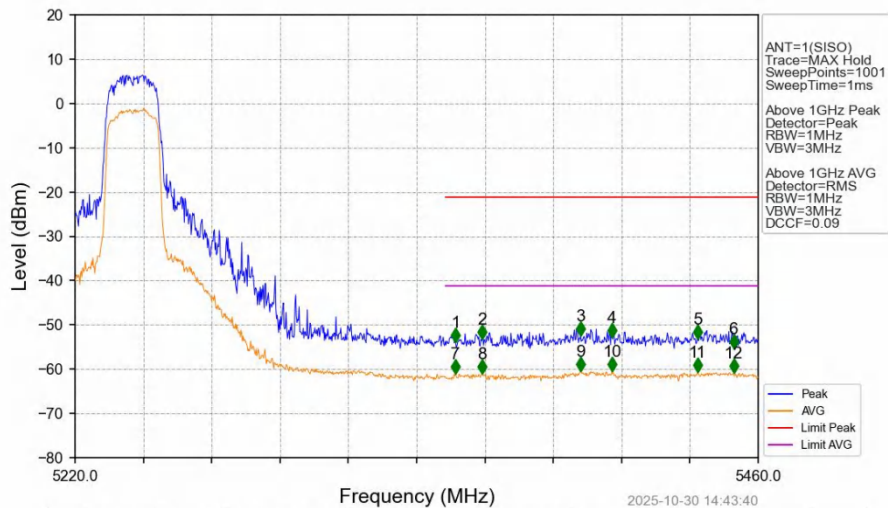
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5355.240	-53.17	-21.20	31.97	Pass	Peak	7	5355.240	-60.80	-41.20	19.60	Pass	AVG
2	5398.980	-52.57	-21.20	31.37	Pass	Peak	8	5398.980	-60.71	-41.20	19.51	Pass	AVG
3	5408.430	-53.98	-21.20	32.78	Pass	Peak	9	5408.430	-60.92	-41.20	19.72	Pass	AVG
4	5436.780	-53.46	-21.20	32.26	Pass	Peak	10	5436.780	-60.74	-41.20	19.54	Pass	AVG
5	5446.500	-53.13	-21.20	31.93	Pass	Peak	11	5446.500	-60.87	-41.20	19.67	Pass	AVG
6	5460.000	-53.64	-21.20	32.44	Pass	Peak	12	5460.000	-60.80	-41.20	19.60	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	5024.500	-47.29	-21.20	26.09	Pass	Peak	7	5024.500	-54.41	-41.20	13.21	Pass	AVG
2	5059.000	-48.19	-21.20	26.99	Pass	Peak	8	5059.000	-55.39	-41.20	14.19	Pass	AVG
3	5080.500	-48.73	-21.20	27.53	Pass	Peak	9	5080.500	-55.93	-41.20	14.73	Pass	AVG
4	5102.000	-47.14	-21.20	25.94	Pass	Peak	10	5102.000	-54.96	-41.20	13.76	Pass	AVG
5	5125.500	-47.62	-21.20	26.42	Pass	Peak	11	5125.500	-54.22	-41.20	13.02	Pass	AVG
6	5149.000	-36.58	-21.20	15.38	Pass	Peak	12	5149.000	-45.98	-41.20	4.78	Pass	AVG

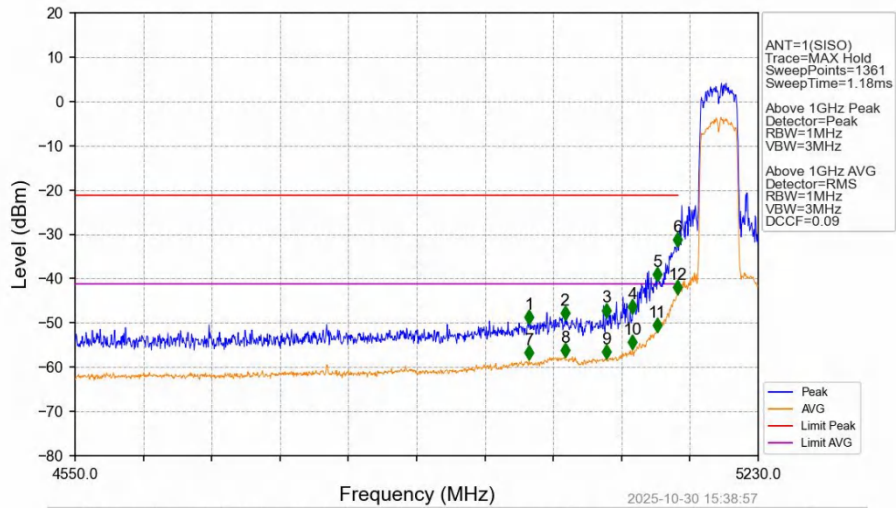
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5353.680	-53.85	-21.20	32.65	Pass	Peak	7	5353.680	-61.06	-41.20	19.86	Pass	AVG
2	5363.040	-53.25	-21.20	32.05	Pass	Peak	8	5363.040	-60.92	-41.20	19.72	Pass	AVG
3	5397.600	-52.43	-21.20	31.23	Pass	Peak	9	5397.600	-60.51	-41.20	19.31	Pass	AVG
4	5408.640	-52.81	-21.20	31.61	Pass	Peak	10	5408.640	-60.51	-41.20	19.31	Pass	AVG
5	5438.640	-53.08	-21.20	31.88	Pass	Peak	11	5438.640	-60.70	-41.20	19.50	Pass	AVG
6	5451.360	-55.39	-21.20	34.19	Pass	Peak	12	5451.360	-60.78	-41.20	19.58	Pass	AVG

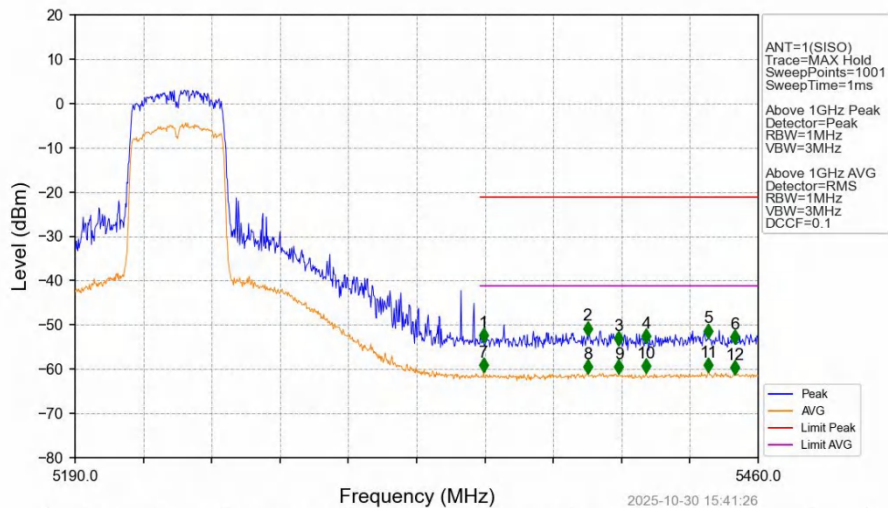


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5002.000	-50.33	-21.20	29.13	Pass	Peak	7	5002.000	-58.31	-41.20	17.11	Pass	AVG
2	5037.500	-49.28	-21.20	28.08	Pass	Peak	8	5037.500	-57.71	-41.20	16.51	Pass	AVG
3	5079.000	-48.70	-21.20	27.50	Pass	Peak	9	5079.000	-58.01	-41.20	16.81	Pass	AVG
4	5105.000	-47.92	-21.20	26.72	Pass	Peak	10	5105.000	-55.82	-41.20	14.62	Pass	AVG
5	5129.500	-40.66	-21.20	19.46	Pass	Peak	11	5129.500	-52.15	-41.20	10.95	Pass	AVG
6	5150.000	-32.77	-21.20	11.57	Pass	Peak	12	5150.000	-43.47	-41.20	2.27	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	5351.460	-53.93	-21.20	32.73	Pass	Peak	7	5351.460	-60.57	-41.20	19.37	Pass	AVG
2	5392.500	-52.35	-21.20	31.15	Pass	Peak	8	5392.500	-60.93	-41.20	19.73	Pass	AVG
3	5404.920	-54.67	-21.20	33.47	Pass	Peak	9	5404.920	-60.93	-41.20	19.73	Pass	AVG
4	5415.720	-54.01	-21.20	32.81	Pass	Peak	10	5415.720	-60.87	-41.20	19.67	Pass	AVG
5	5440.290	-52.90	-21.20	31.70	Pass	Peak	11	5440.290	-60.59	-41.20	19.39	Pass	AVG
6	5450.820	-54.21	-21.20	33.01	Pass	Peak	12	5450.820	-61.10	-41.20	19.90	Pass	AVG