

Appendix RF Test Data for WIFI 5G

Company: : **Shenzhen Musheng Technology Co., Ltd**

EUT : **Streaming Media Dash Cam**

FCC ID: : **2BEAX-NV-X2**

Model Number : **NV-X2**

Report No. : **HTT202601849F03**

Reviewed By : **Heber He**

1. Duty Cycle

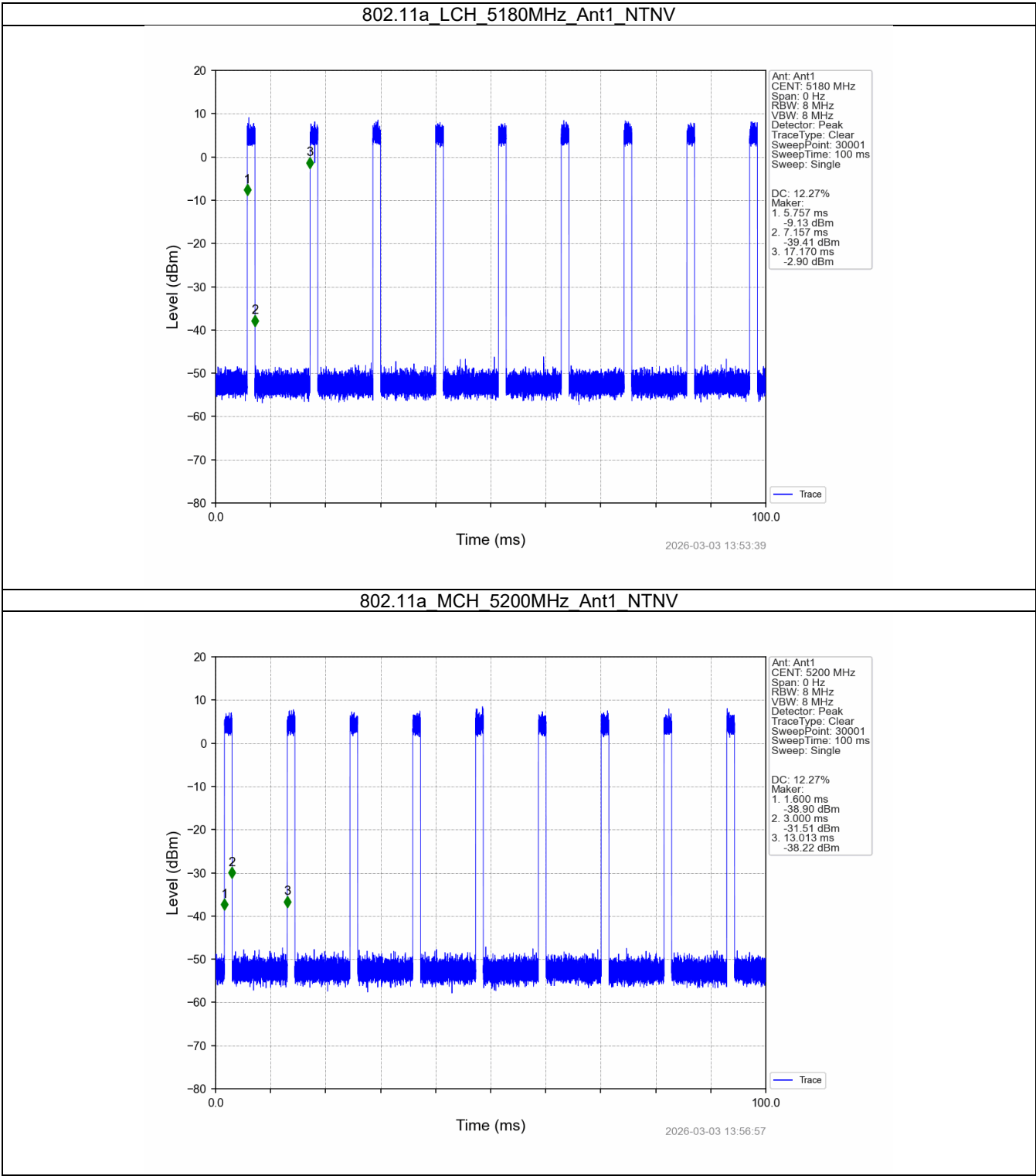
1.1 Test Result

1.1.1 Ant1

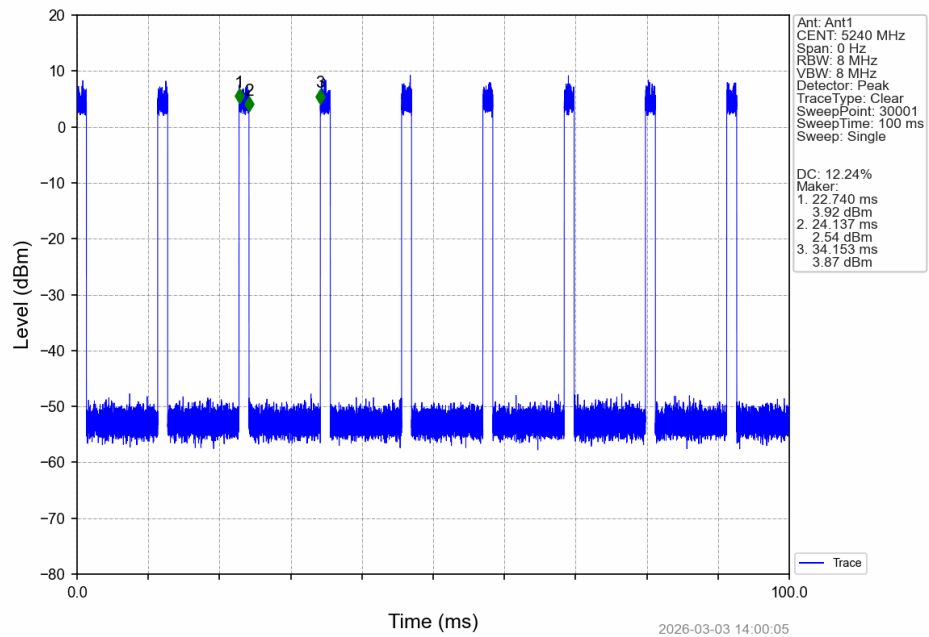
Ant1							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.400	11.413	12.27	9.11	0.00
		5200	1.400	11.413	12.27	9.11	0.00
		5240	1.397	11.413	12.24	9.12	0.03
802.11n (HT20)	SISO	5180	5.090	15.107	33.69	4.72	0.01
		5200	5.090	15.106	33.70	4.72	0.02
		5240	5.090	15.106	33.70	4.72	0.01
802.11n (HT40)	SISO	5190	4.897	14.914	32.83	4.84	0.02
		5230	4.897	14.913	32.84	4.84	0.02
802.11ac (VHT20)	SISO	5180	5.096	15.113	33.72	4.72	0.00
		5200	5.097	15.113	33.73	4.72	0.02
		5240	5.100	15.113	33.75	4.72	0.00
802.11ac (VHT40)	SISO	5190	2.477	12.494	19.83	7.03	0.03
		5230	2.477	12.494	19.83	7.03	0.03
802.11ac (VHT80)	SISO	5210	1.163	11.183	10.40	9.83	0.03
802.11ax (HEW20)	SISO	5180	3.877	13.893	27.91	5.54	0.02
		5200	3.876	13.893	27.90	5.54	0.02
		5240	3.876	13.893	27.90	5.54	0.02
802.11ax (HEW40)	SISO	5190	1.967	11.984	16.41	7.85	0.03
		5230	1.966	11.983	16.41	7.85	0.03
802.11ax (HEW80)	SISO	5210	0.970	10.990	8.83	10.54	0.03

1.2 Test Graph

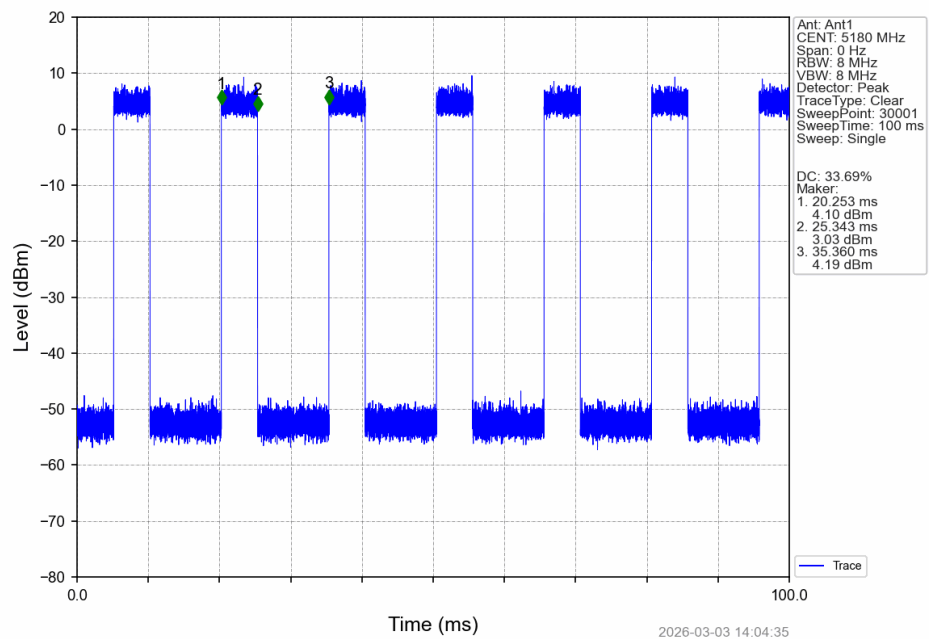
1.2.1 Ant1



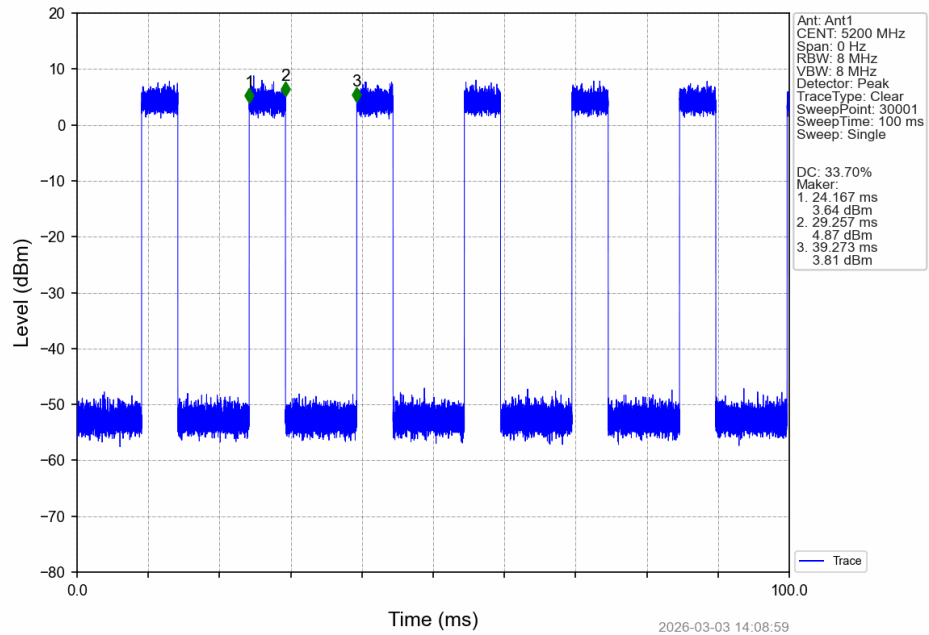
802.11a_HCH_5240MHz_Ant1_NTNV



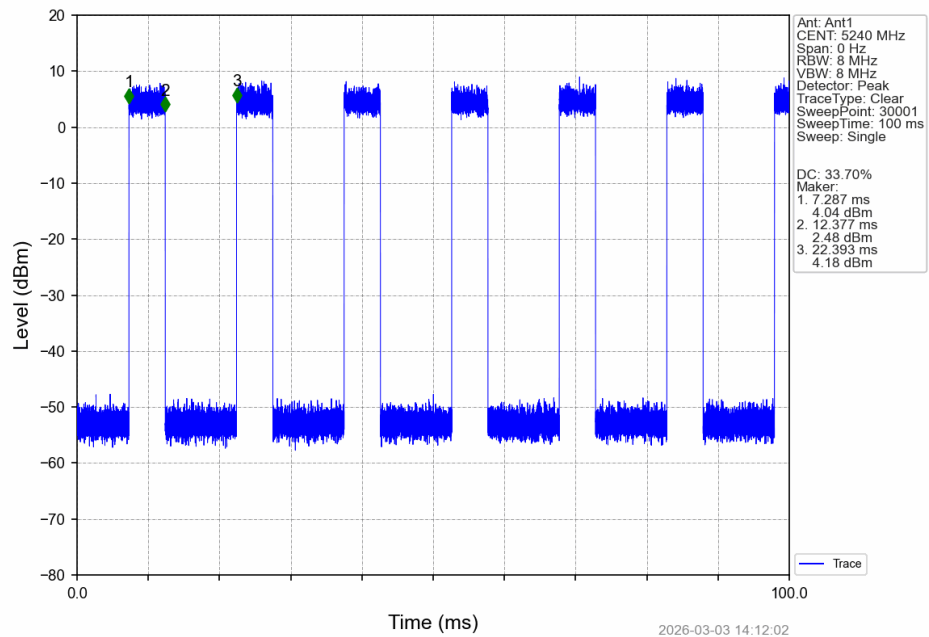
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



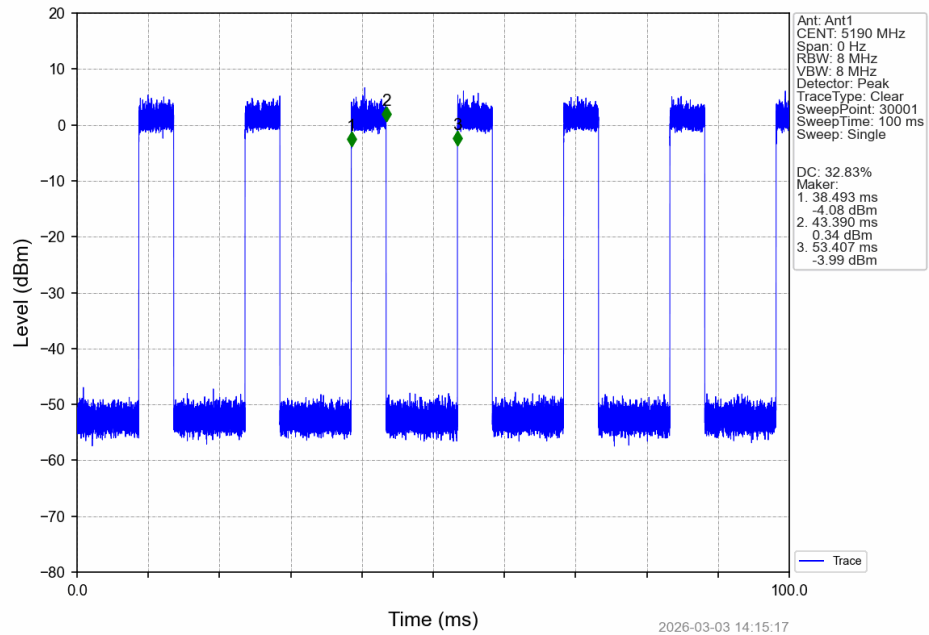
802.11n(HT20) MCH 5200MHz Ant1 NTN



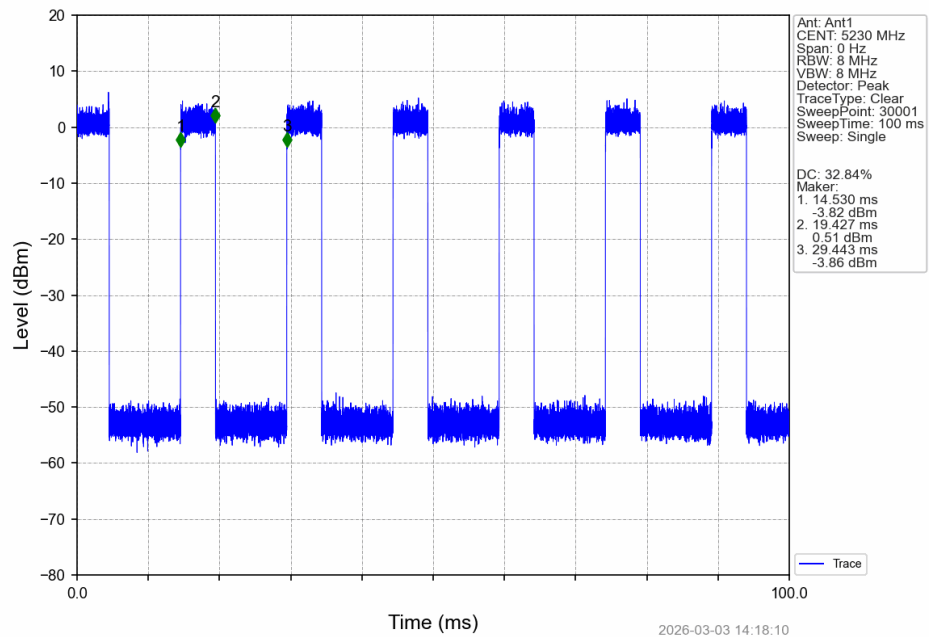
802.11n(HT20)_HCH_5240MHz_Ant1_NTN



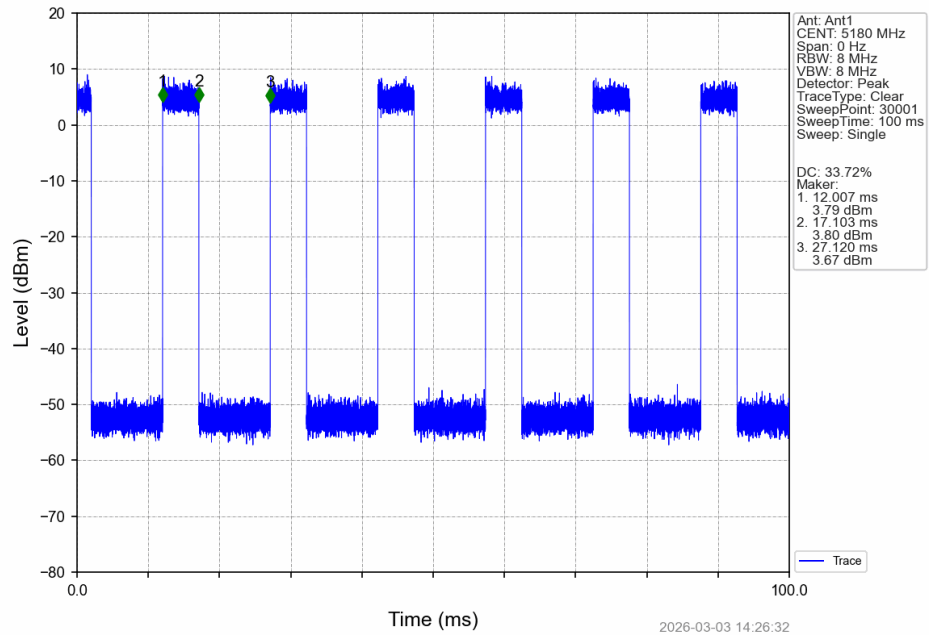
802.11n(HT40) LCH 5190MHz Ant1 NTN



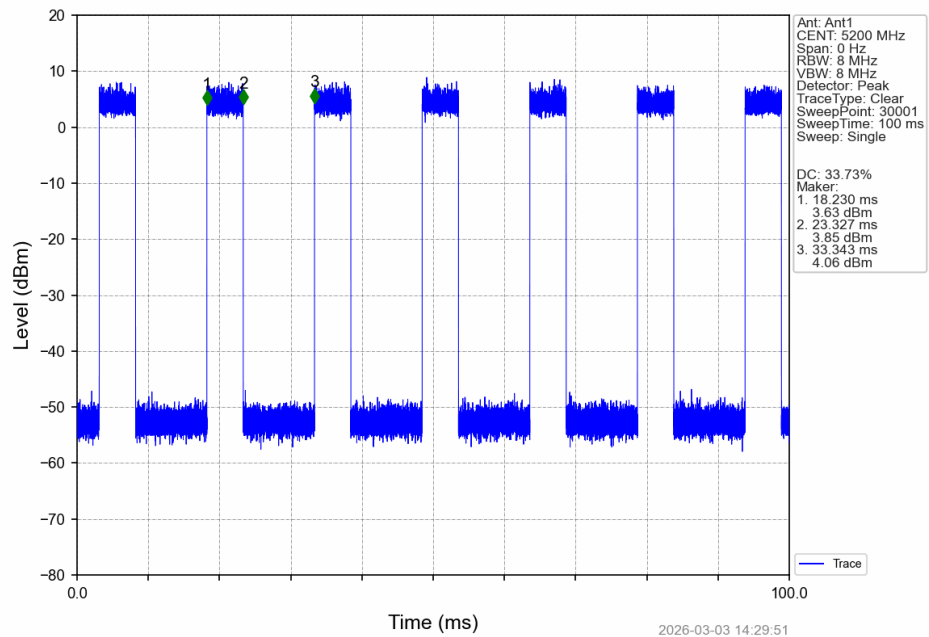
802.11n(HT40)_HCH_5230MHz_Ant1_NTN



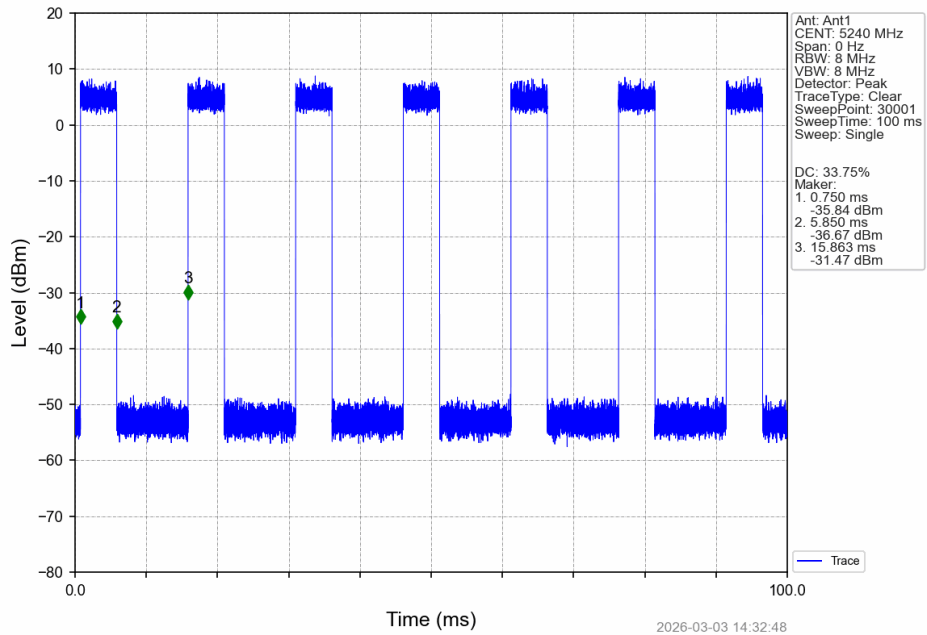
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



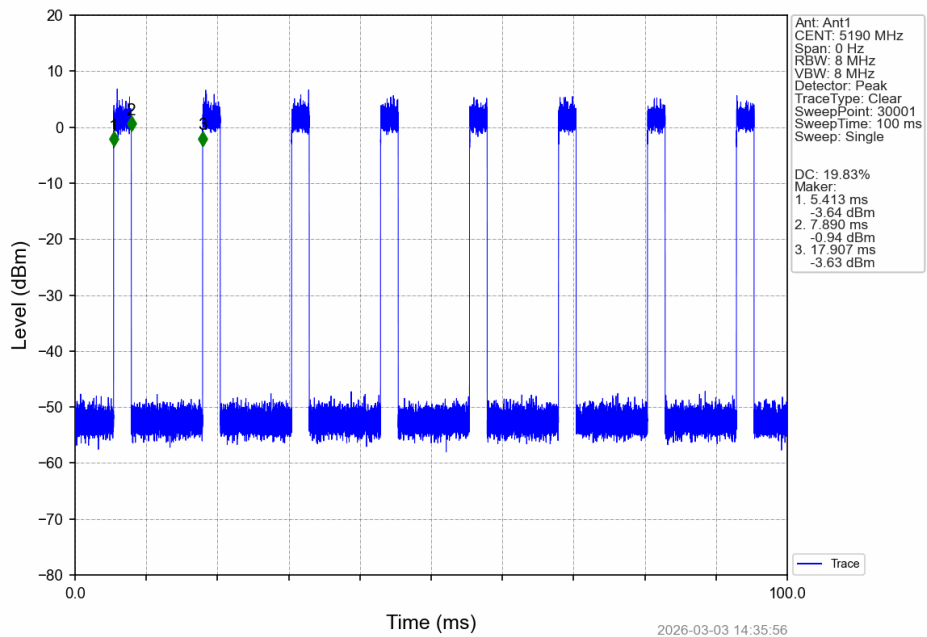
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



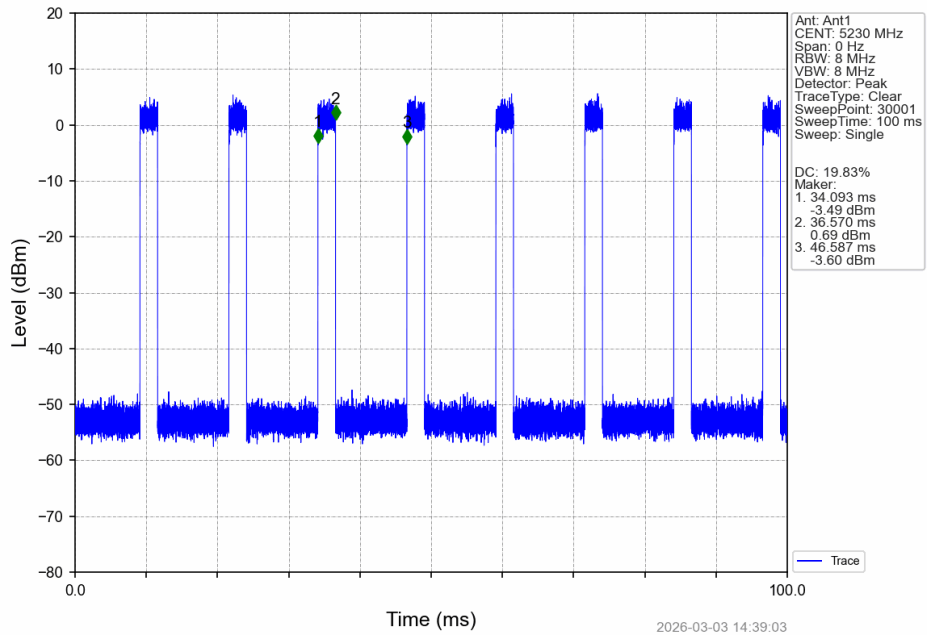
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



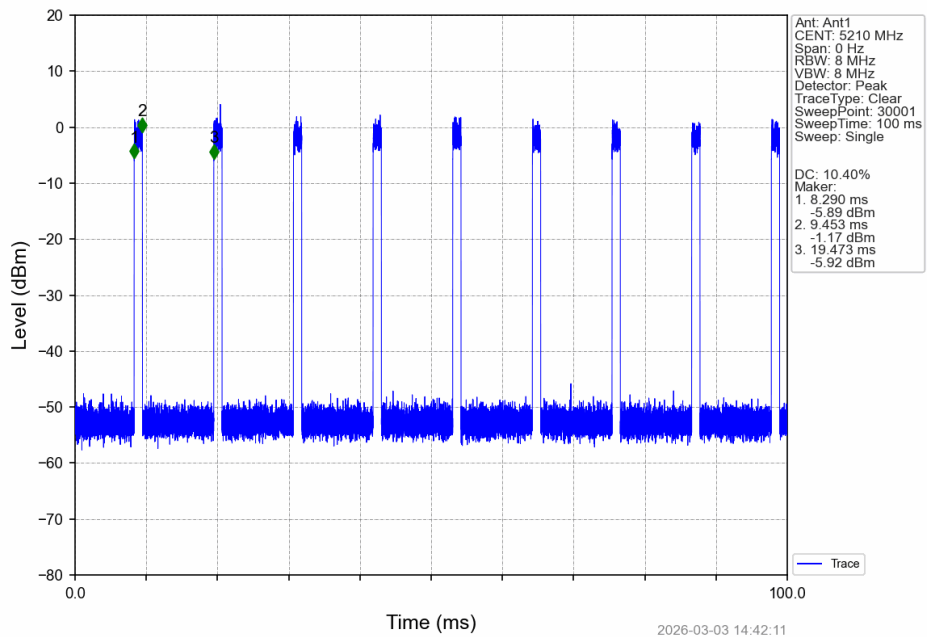
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTN



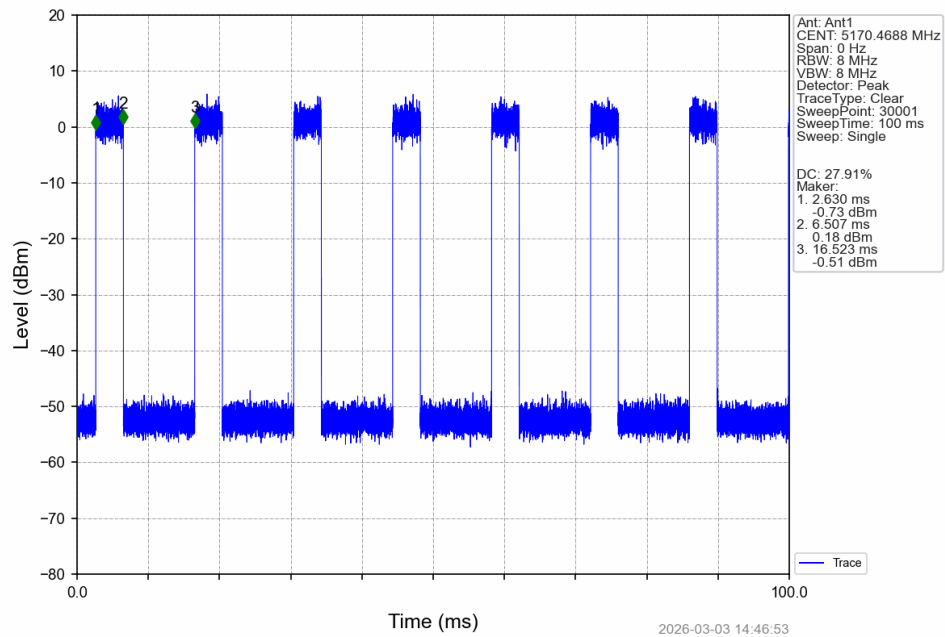
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



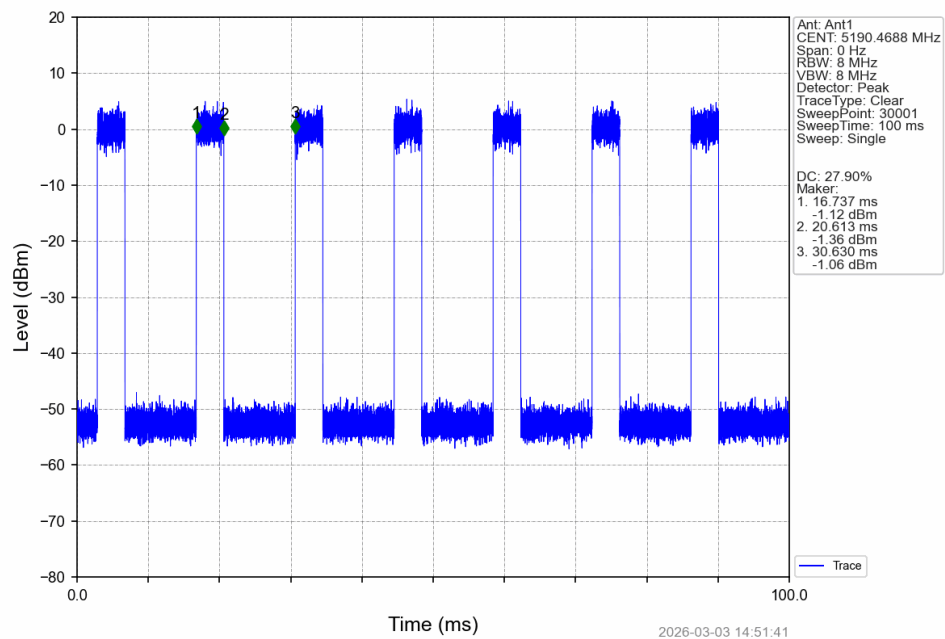
802.11ac(VHT80) MCH 5210MHz Ant1 NTN



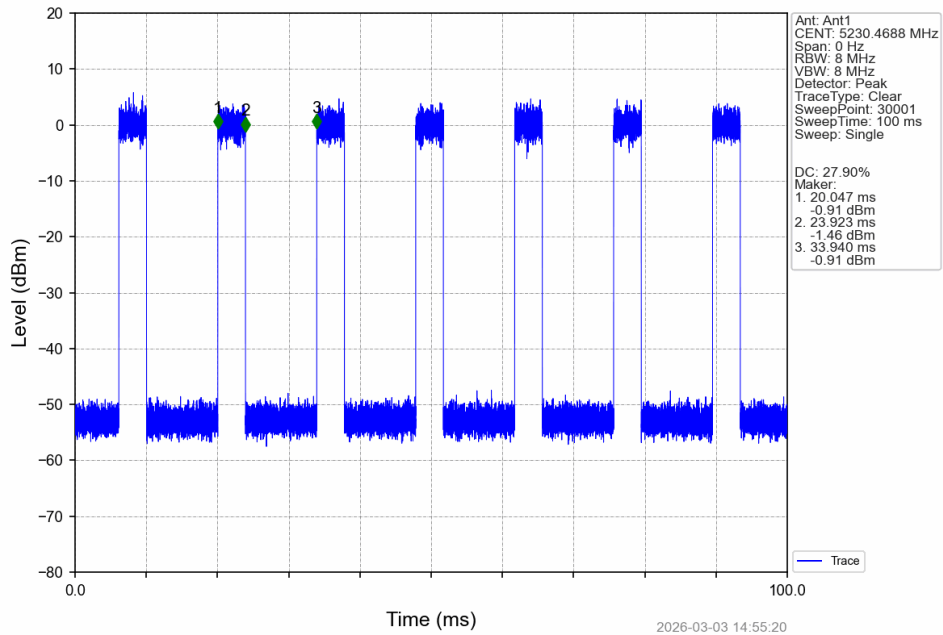
802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTN



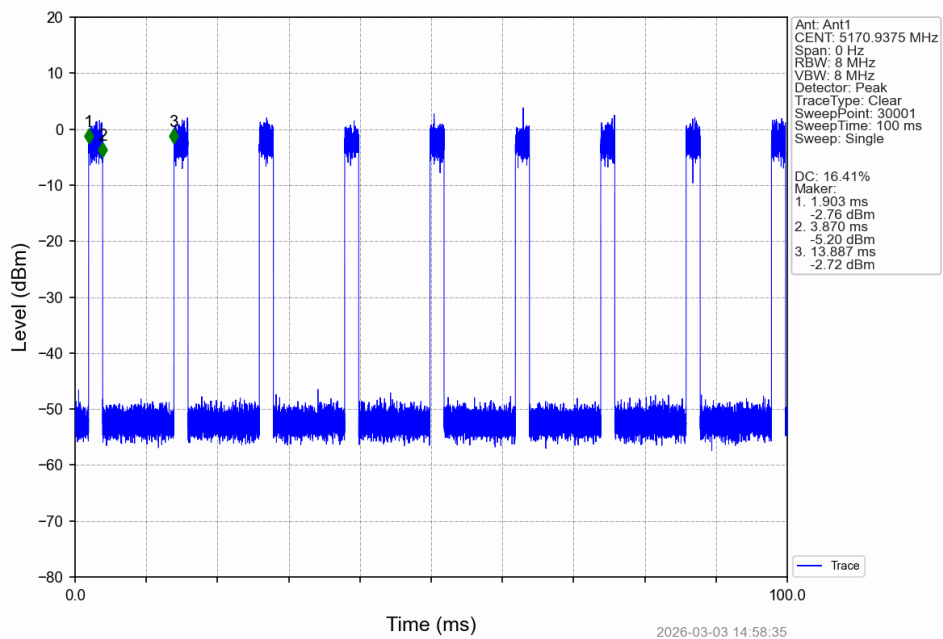
802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTN



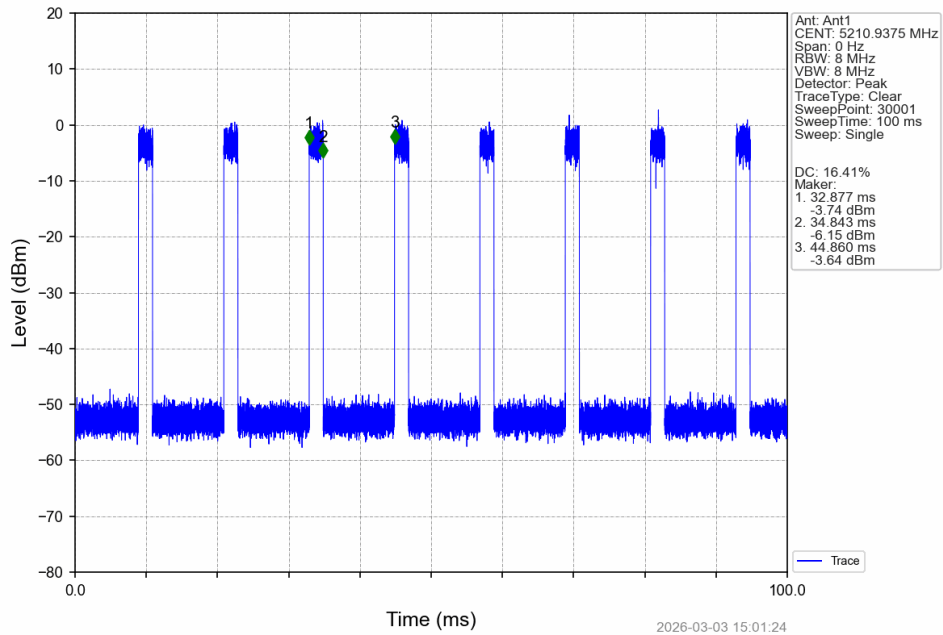
802.11ax(HEW20) HCH 5240MHz SU / Ant1 NTN



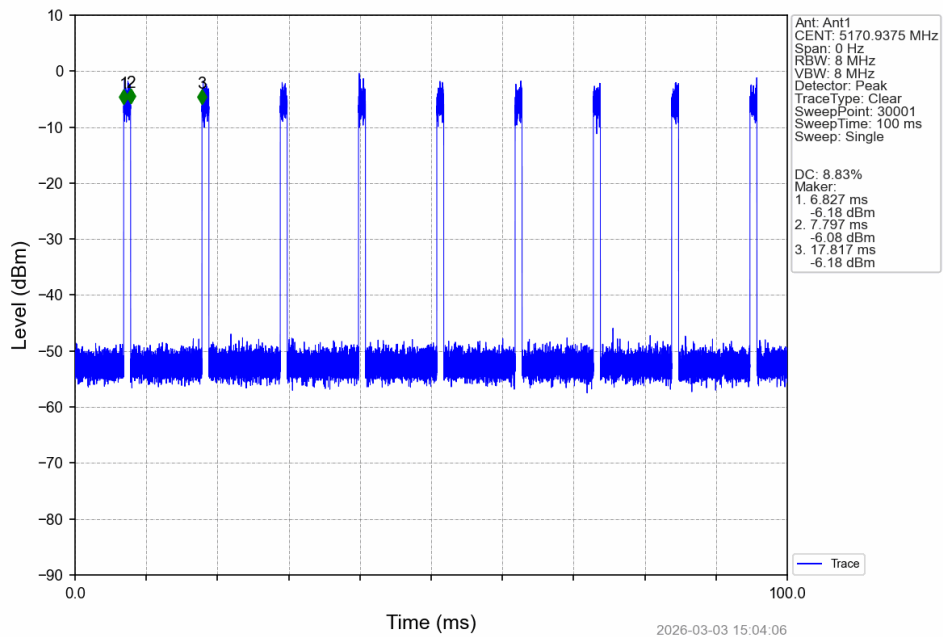
802.11ax(HEW40) LCH 5190MHz SU / Ant1 NTN



802.11ax(HEW40) HCH 5230MHz SU / Ant1 NTN



802.11ax(HEW80) MCH 5210MHz SU / Ant1 NTN



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	16.776	/	Pass
		5200	1	16.596	/	Pass
		5240	1	16.630	/	Pass
802.11n (HT20)	SISO	5180	1	17.941	/	Pass
		5200	1	17.967	/	Pass
		5240	1	17.885	/	Pass
802.11n (HT40)	SISO	5190	1	37.204	/	Pass
		5230	1	37.088	/	Pass
802.11ac (VHT20)	SISO	5180	1	17.967	/	Pass
		5200	1	17.941	/	Pass
		5240	1	17.945	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.728	/	Pass
		5230	1	37.062	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.287	/	Pass
802.11ax (HEW20)	SISO	5180	1	19.110	/	Pass
		5200	1	19.017	/	Pass
		5240	1	19.037	/	Pass
802.11ax (HEW40)	SISO	5190	1	38.342	/	Pass
		5230	1	38.225	/	Pass
802.11ax (HEW80)	SISO	5210	1	77.611	/	Pass

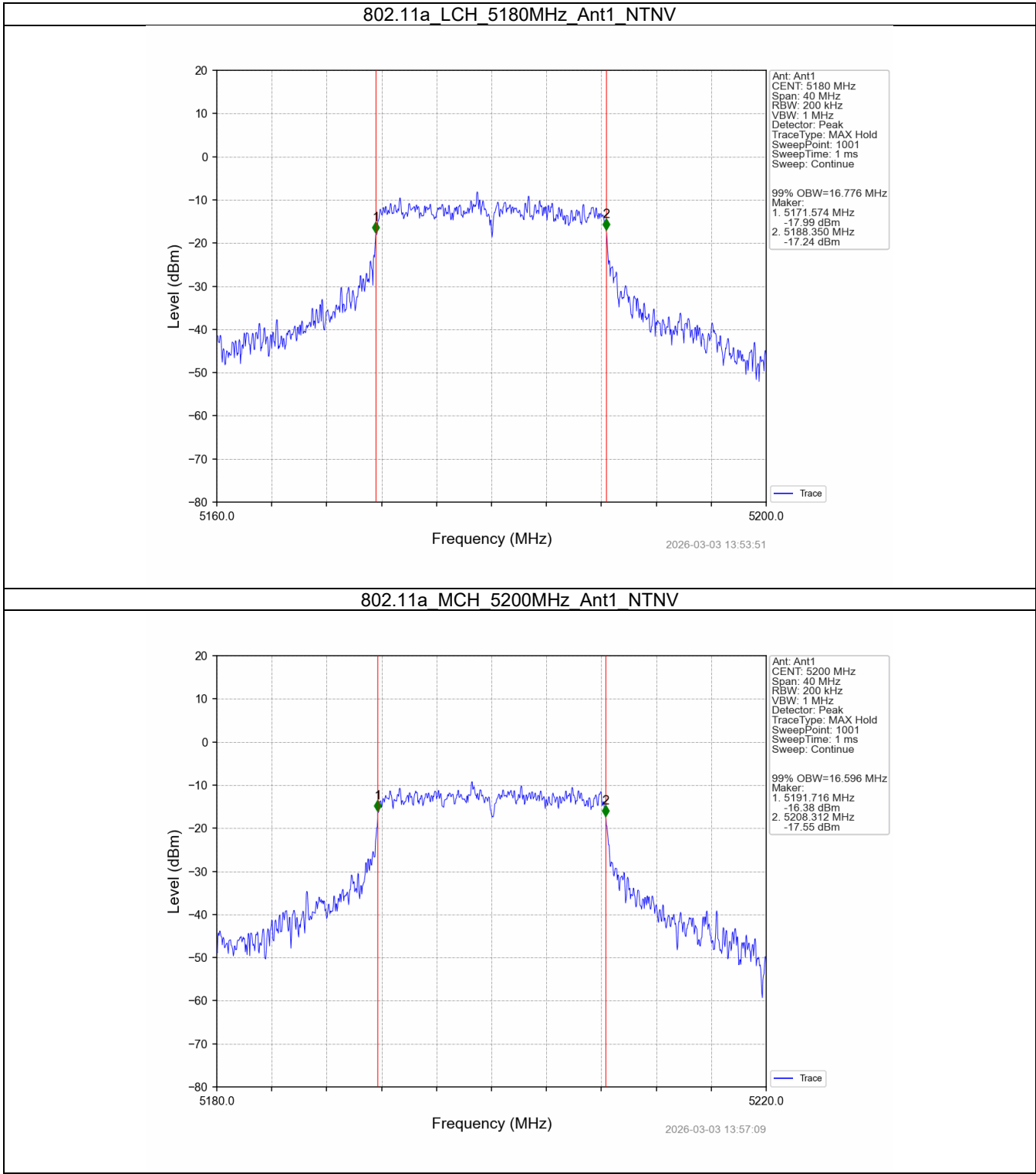
2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	25.136	/	Pass
		5200	1	25.635	/	Pass
		5240	1	24.809	/	Pass
802.11n (HT20)	SISO	5180	1	34.141	/	Pass
		5200	1	28.918	/	Pass
		5240	1	27.947	/	Pass
802.11n (HT40)	SISO	5190	1	58.481	/	Pass
		5230	1	55.249	/	Pass
802.11ac (VHT20)	SISO	5180	1	28.603	/	Pass
		5200	1	27.071	/	Pass
		5240	1	27.918	/	Pass
802.11ac (VHT40)	SISO	5190	1	56.014	/	Pass
		5230	1	60.864	/	Pass
802.11ac (VHT80)	SISO	5210	1	172.417	/	Pass
802.11ax (HEW20)	SISO	5180	1	27.631	/	Pass
		5200	1	26.184	/	Pass
		5240	1	27.340	/	Pass
802.11ax	SISO	5190	1	74.611	/	Pass

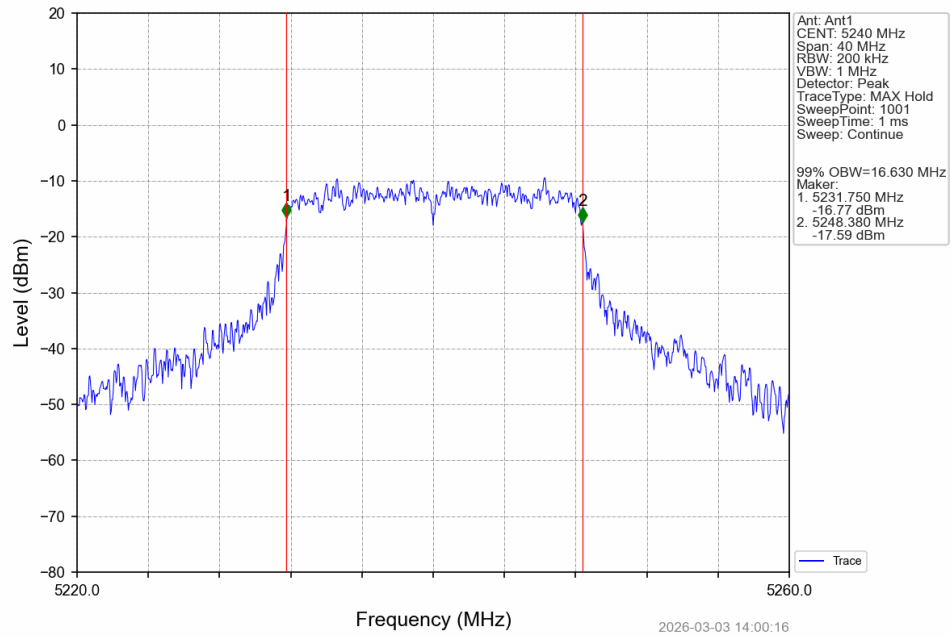
(HEW40)		5230	1	46.174	/	Pass
802.11ax (HEW80)	SISO	5210	1	183.892	/	Pass

2.2 Test Graph

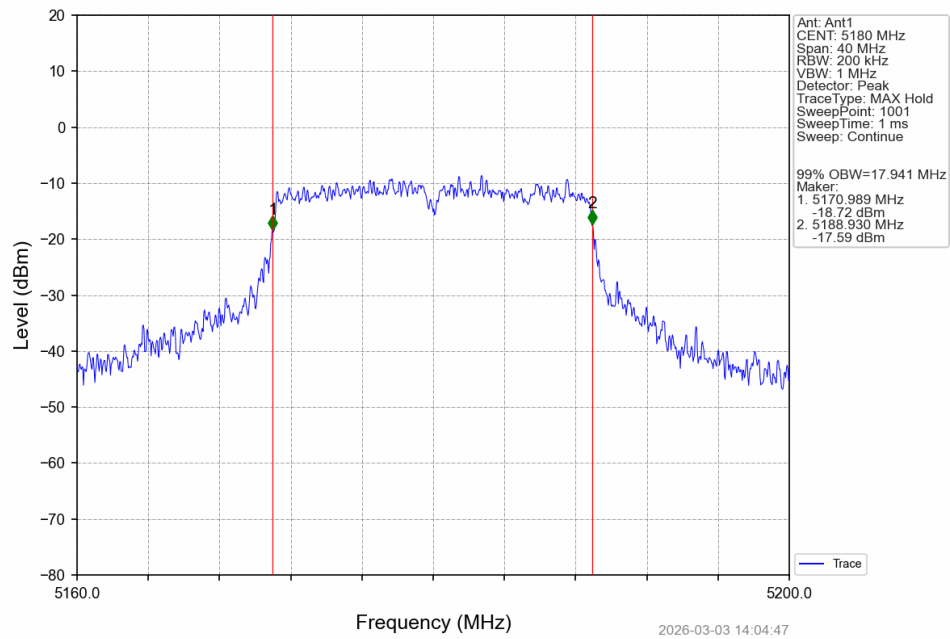
2.2.1 OBW



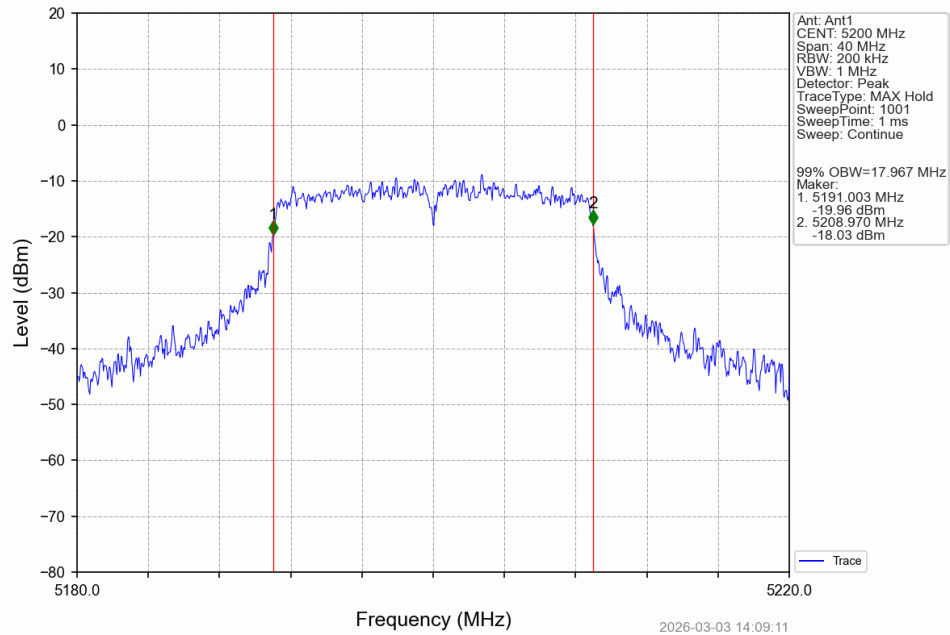
802.11a_HCH_5240MHz_Ant1_NTNV



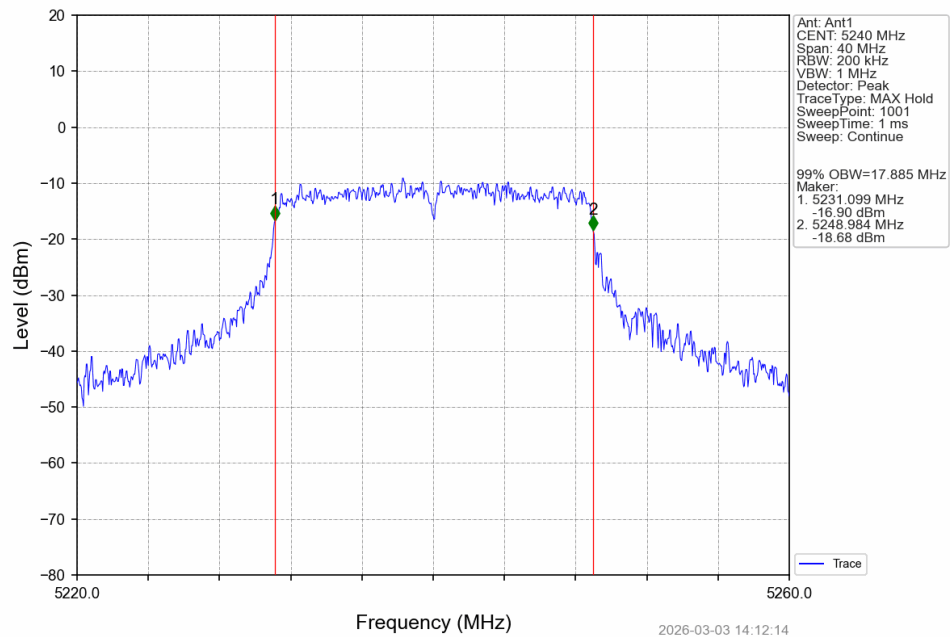
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



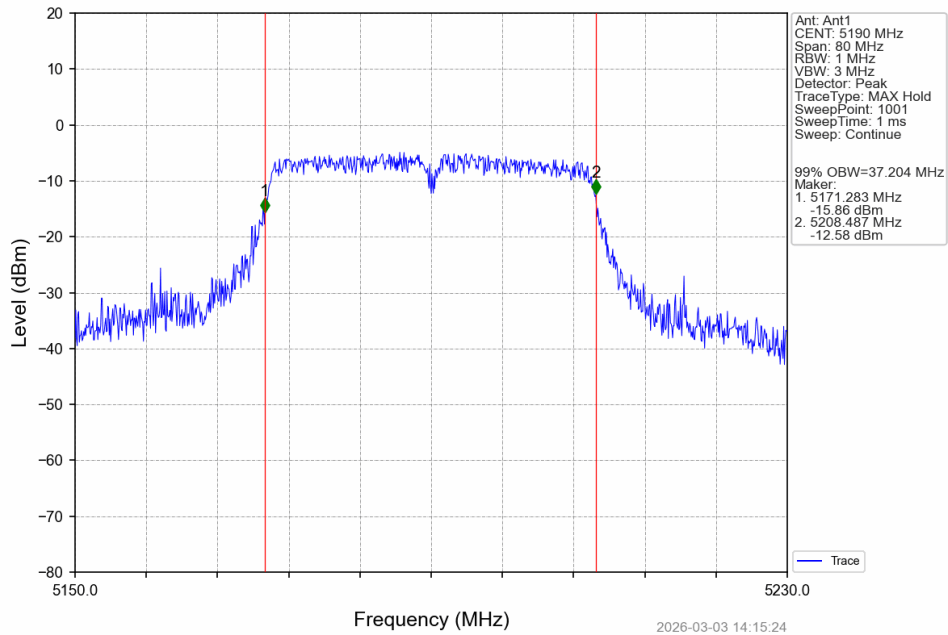
802.11n(HT20) MCH 5200MHz Ant1 NTN



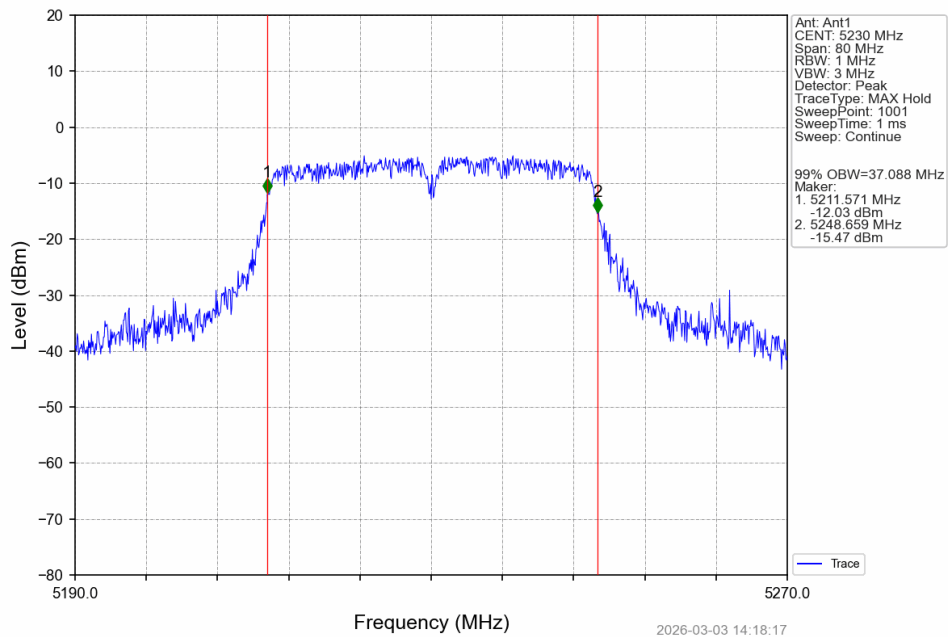
802.11n(HT20)_HCH_5240MHz_Ant1_NTN



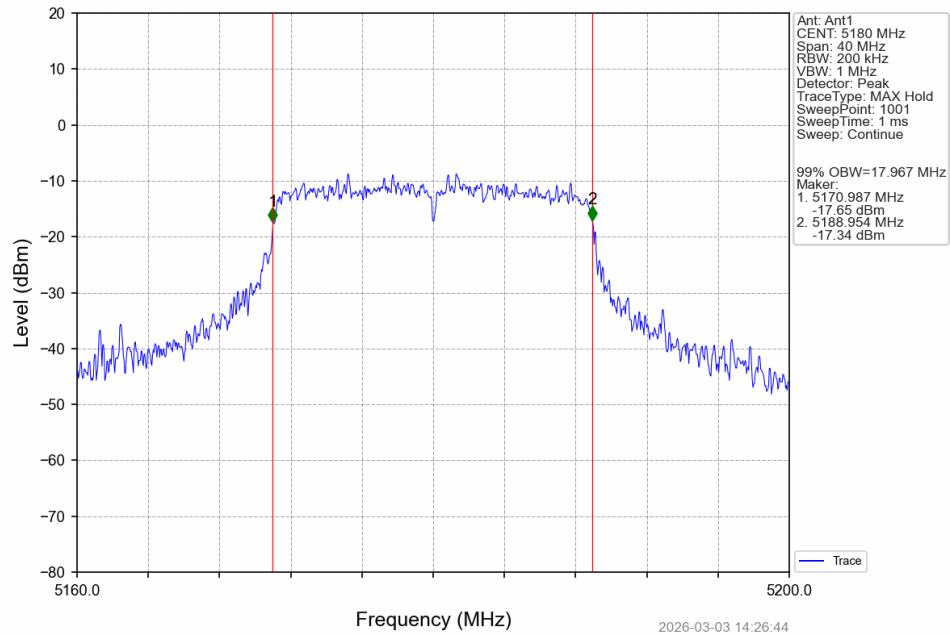
802.11n(HT40) LCH 5190MHz Ant1 NTN



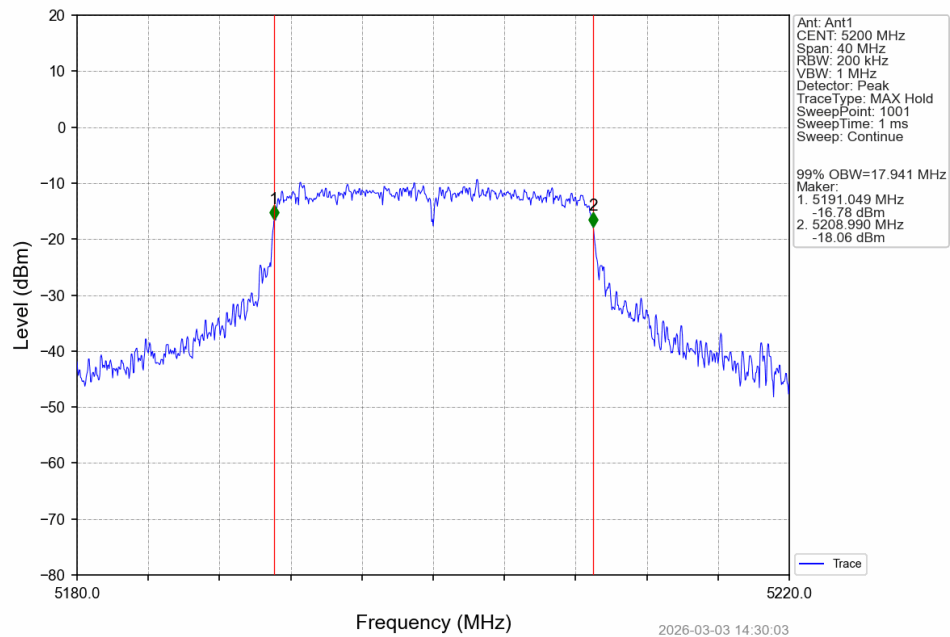
802.11n(HT40)_HCH_5230MHz_Ant1 NTN



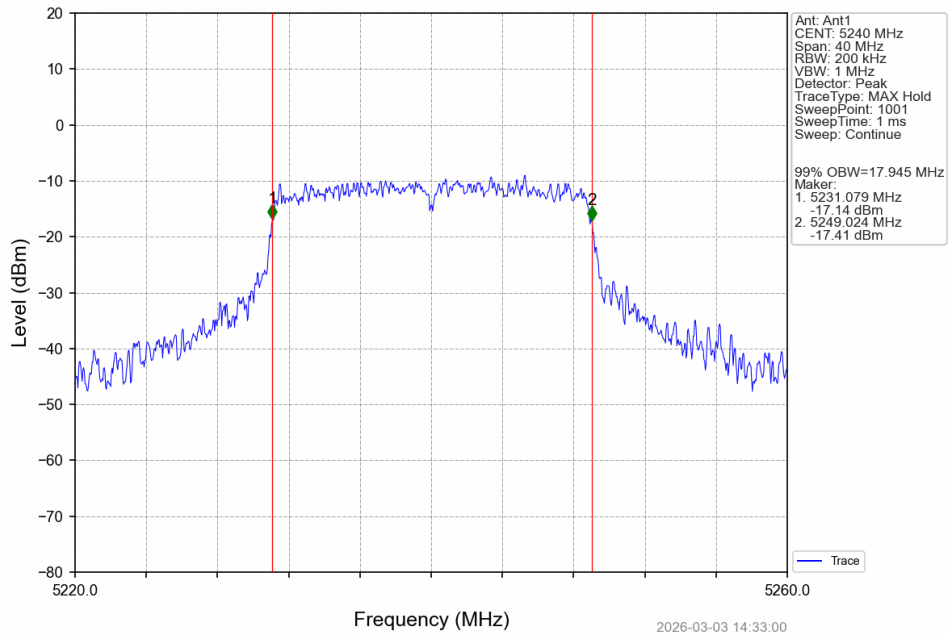
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



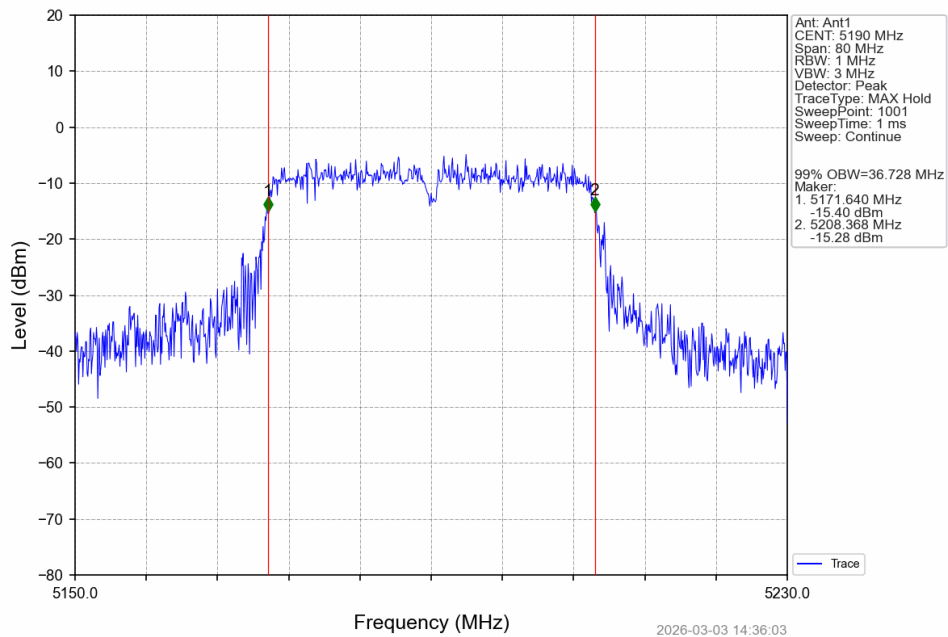
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



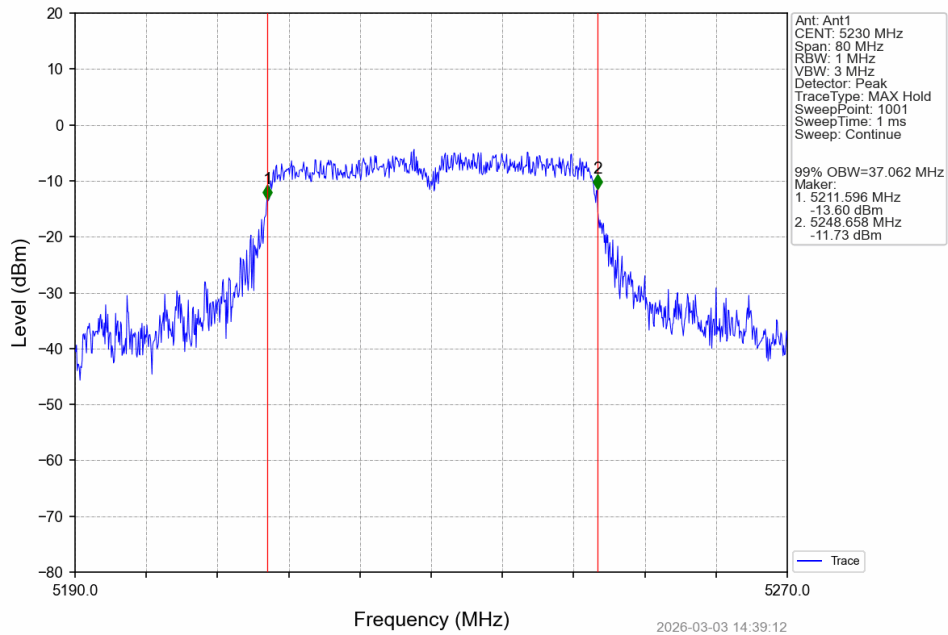
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



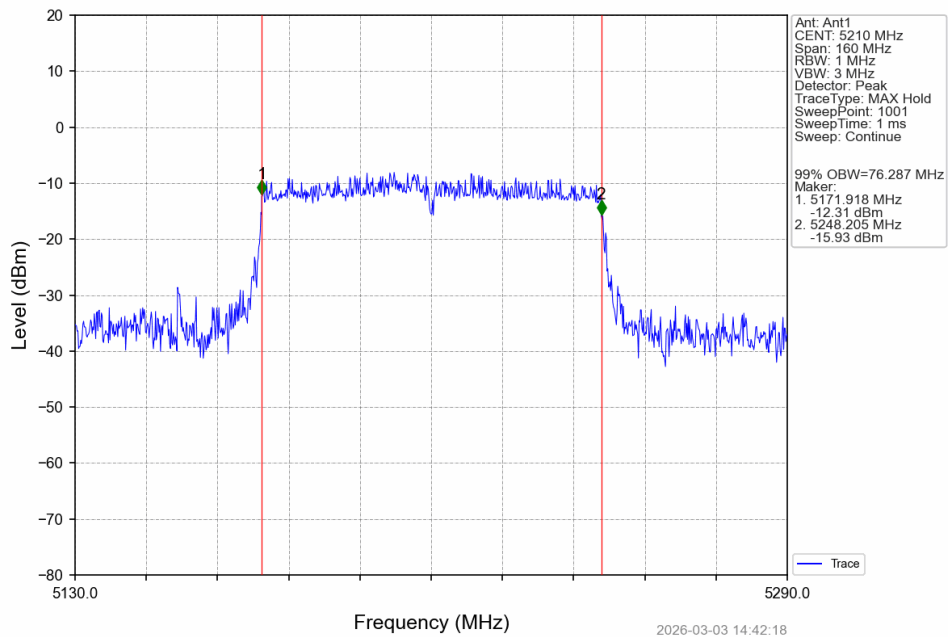
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTN



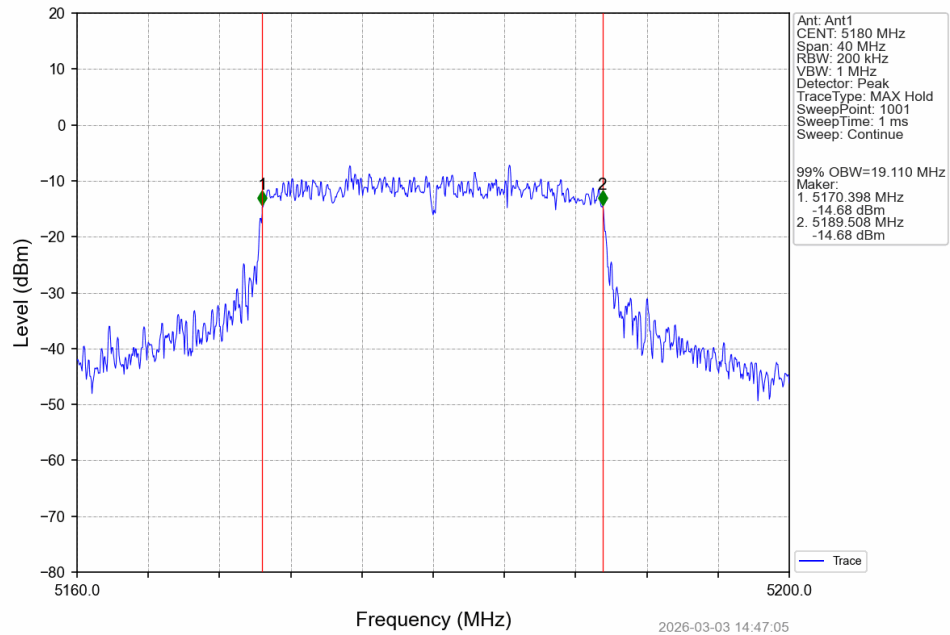
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



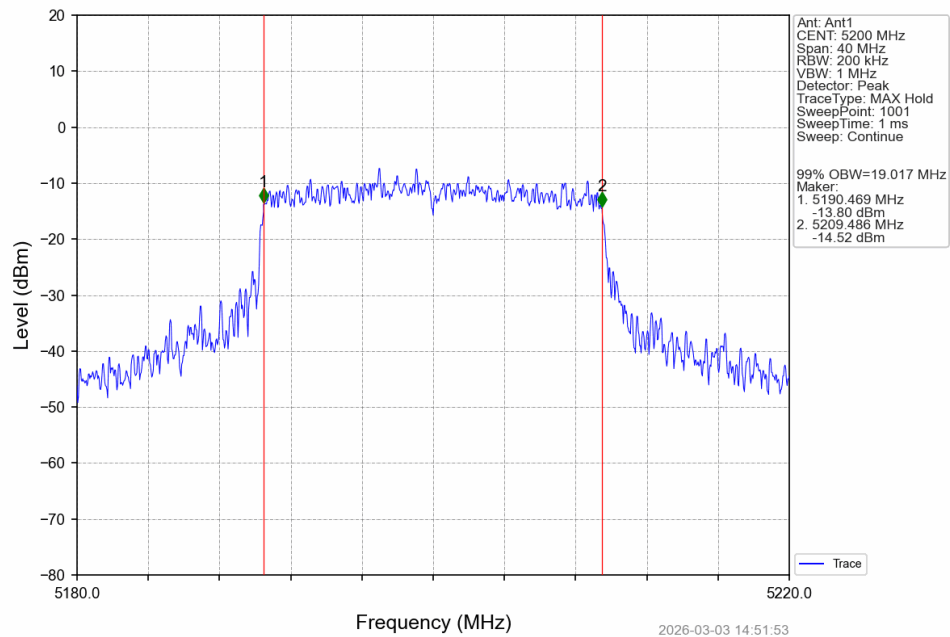
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTN



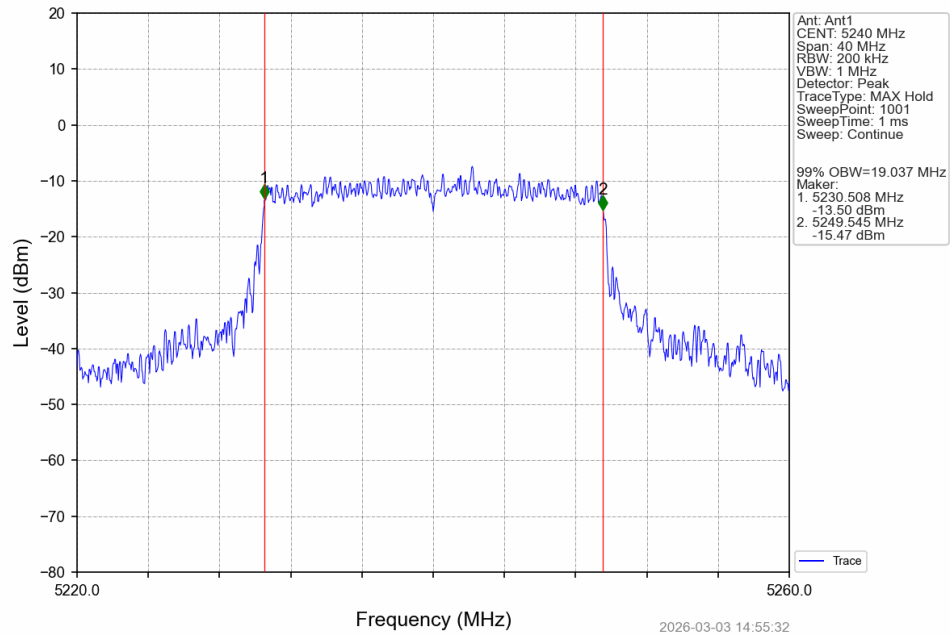
802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTN



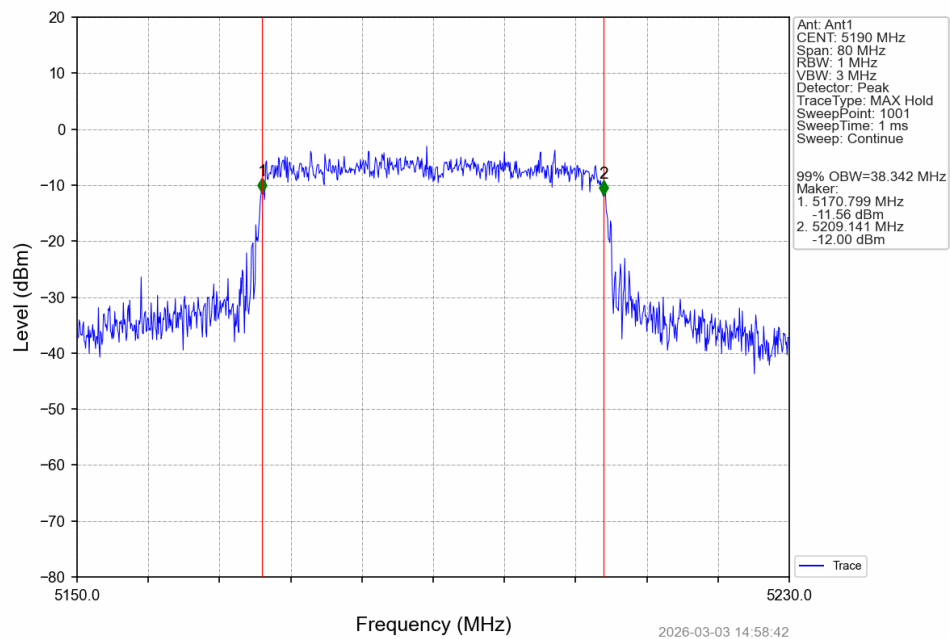
802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTN



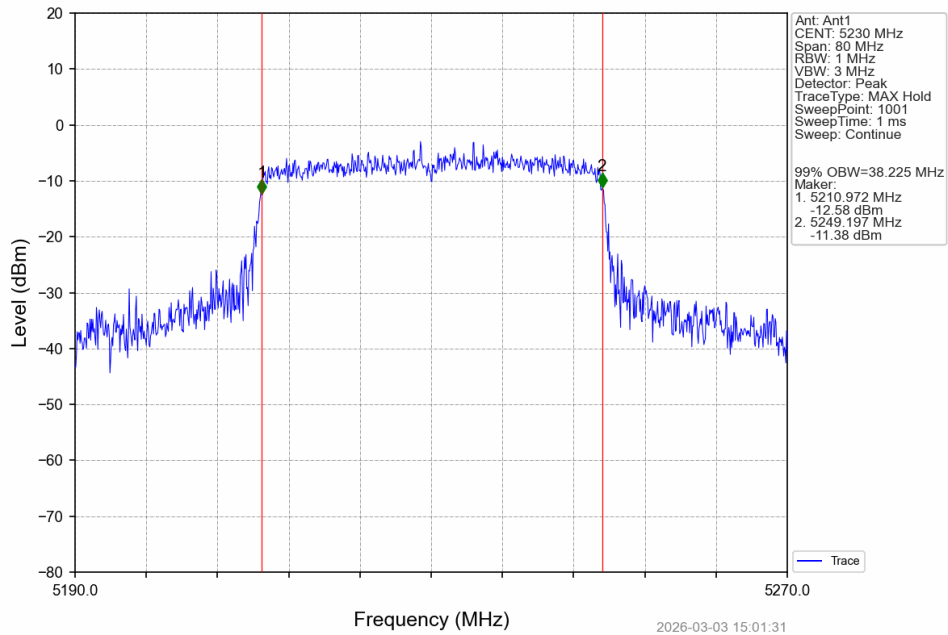
802.11ax(HEW20) HCH 5240MHz SU / Ant1 NTN



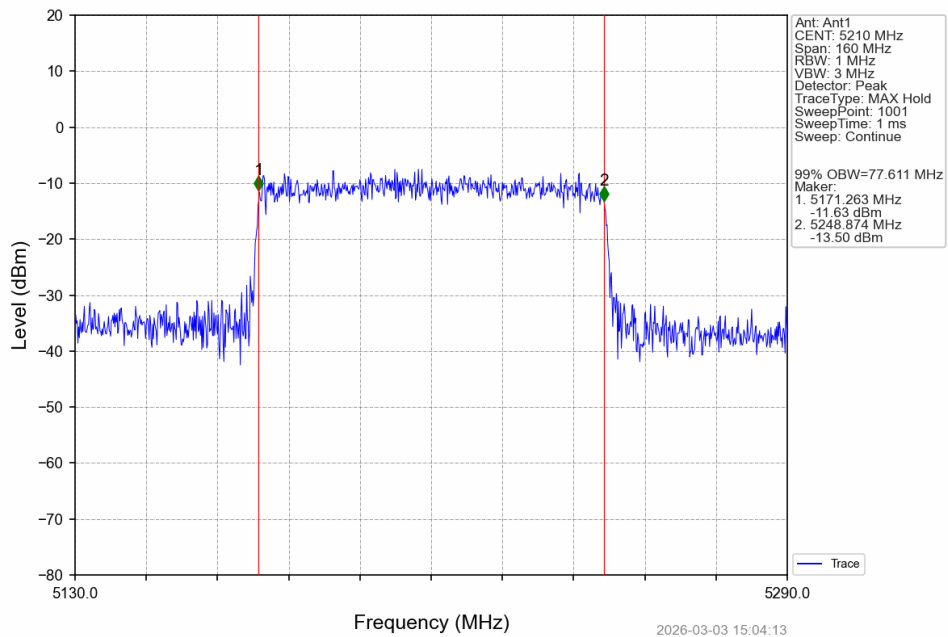
802.11ax(HEW40) LCH 5190MHz SU / Ant1 NTN



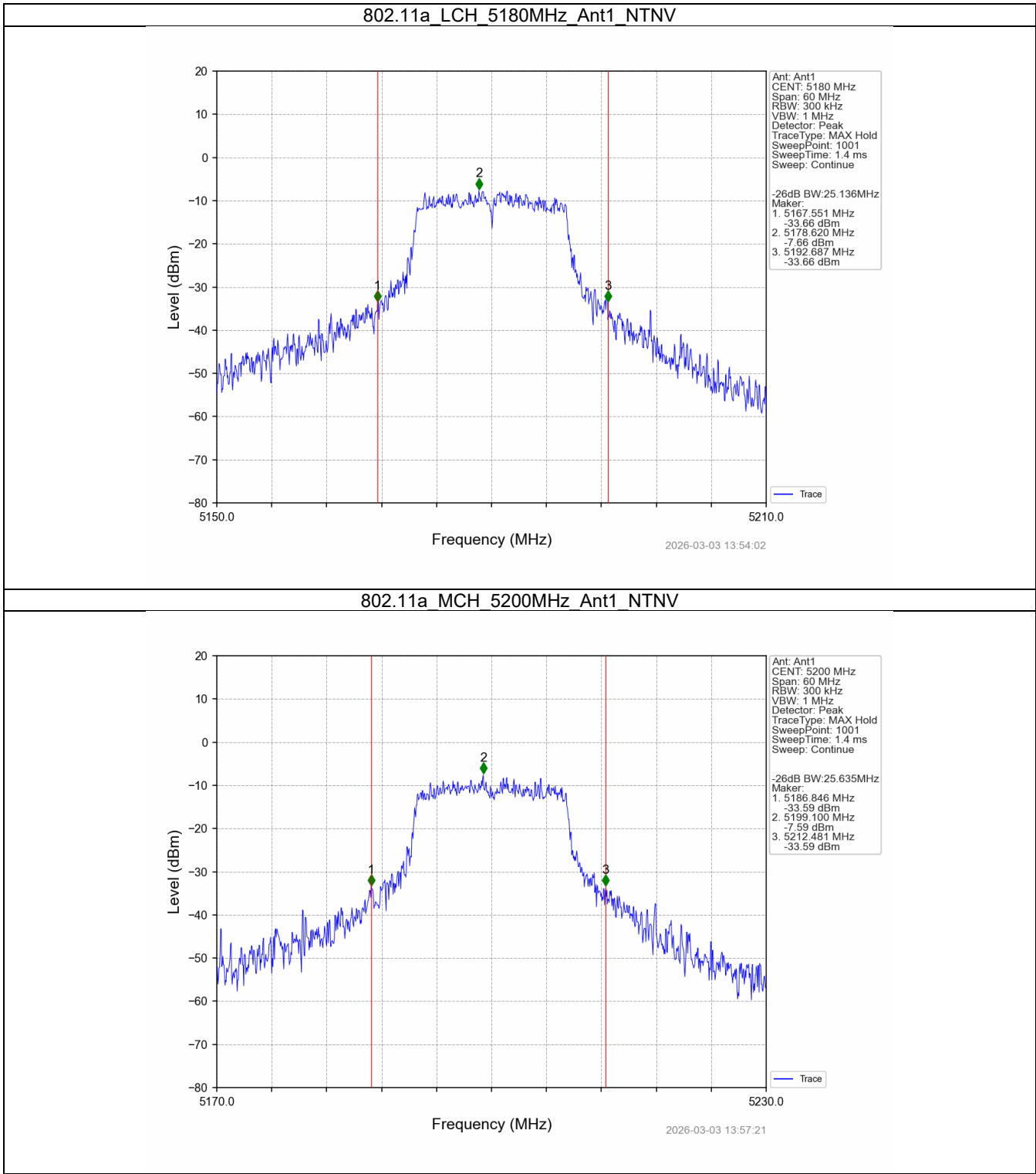
802.11ax(HEW40) HCH 5230MHz SU / Ant1 NTN



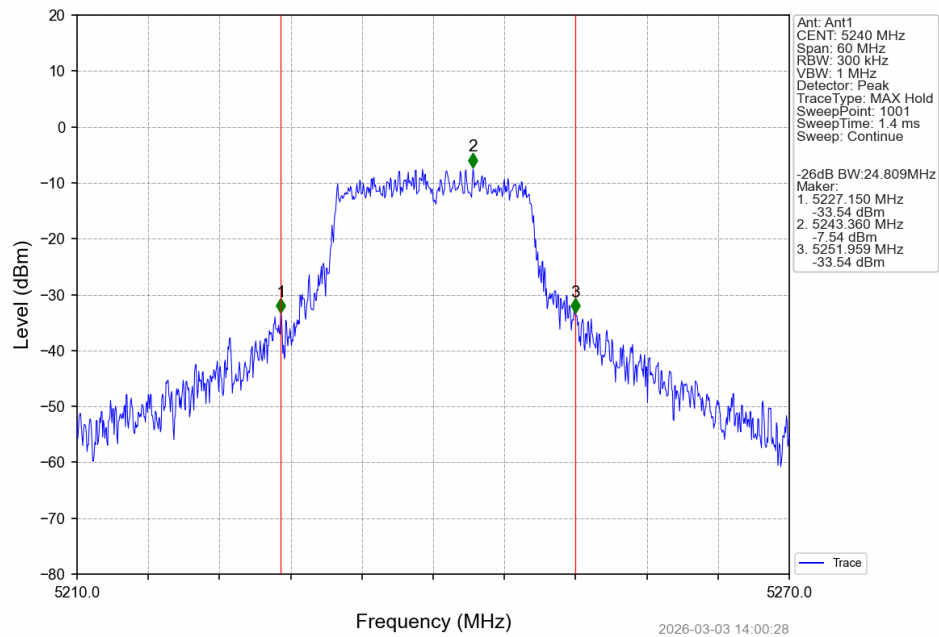
802.11ax(HEW80) MCH 5210MHz SU / Ant1 NTN



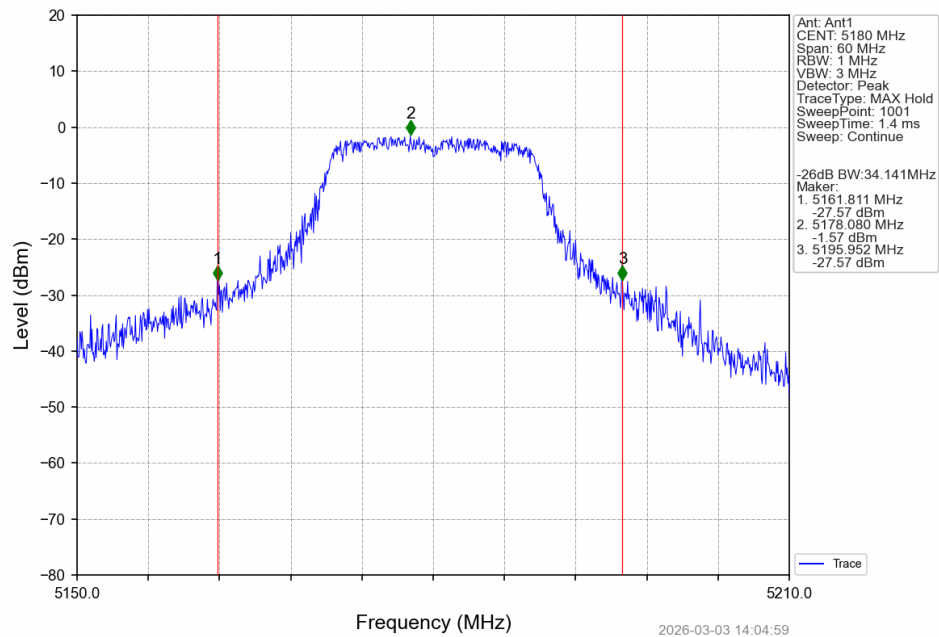
2.2.2 26dB BW



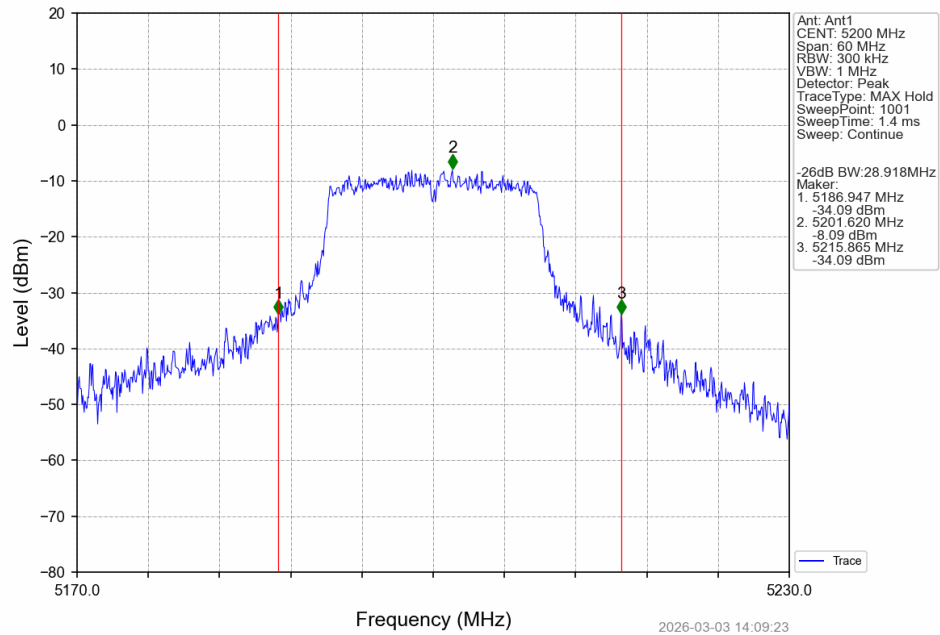
802.11a_HCH_5240MHz_Ant1_NTNV



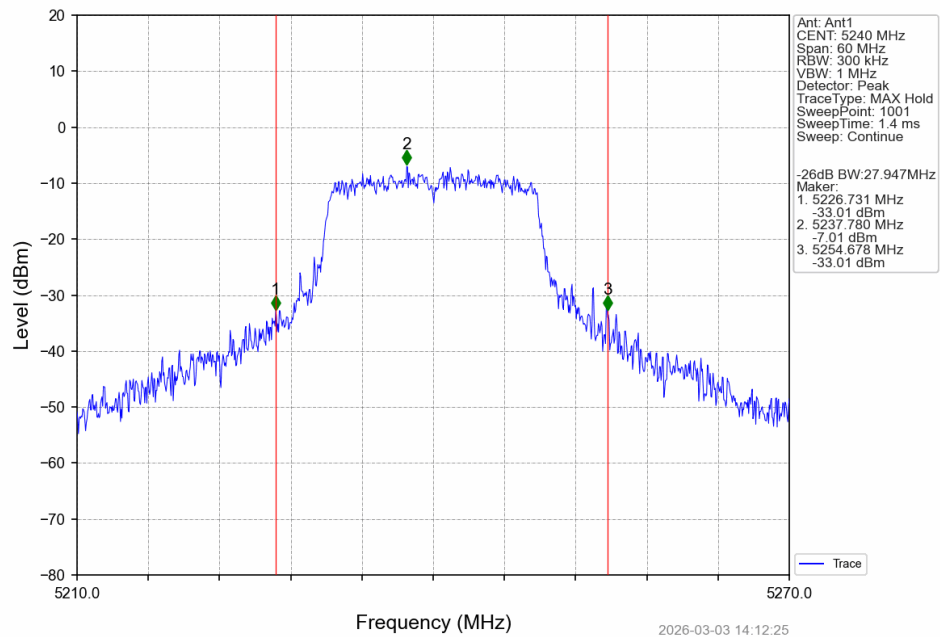
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



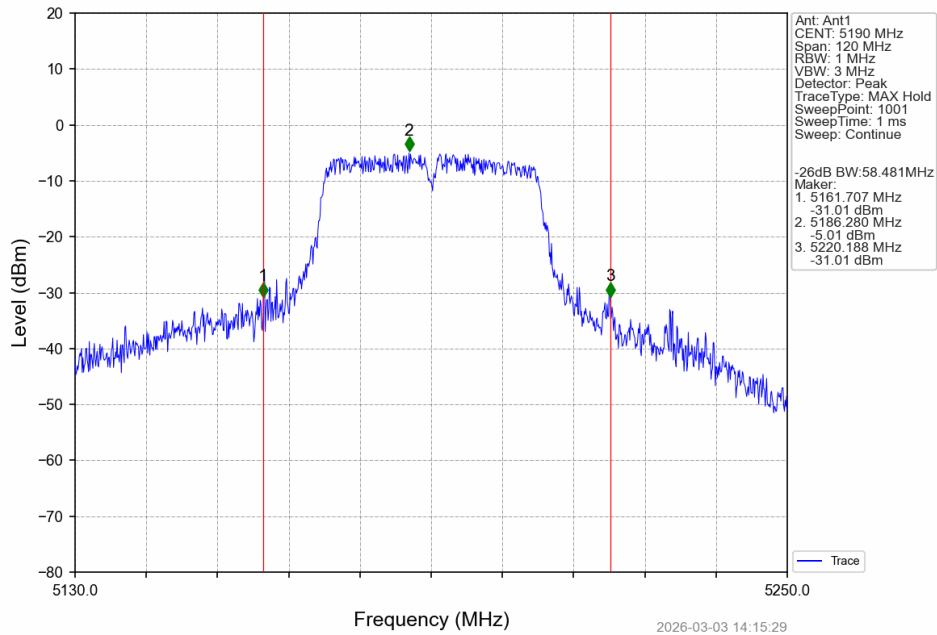
802.11n(HT20) MCH 5200MHz Ant1 NTN



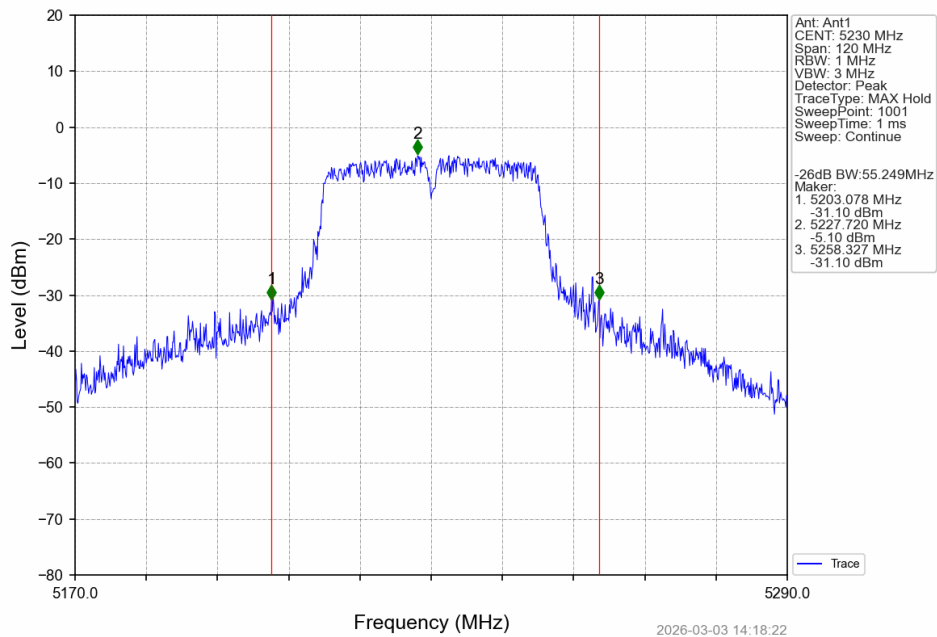
802.11n(HT20)_HCH 5240MHz Ant1 NTN



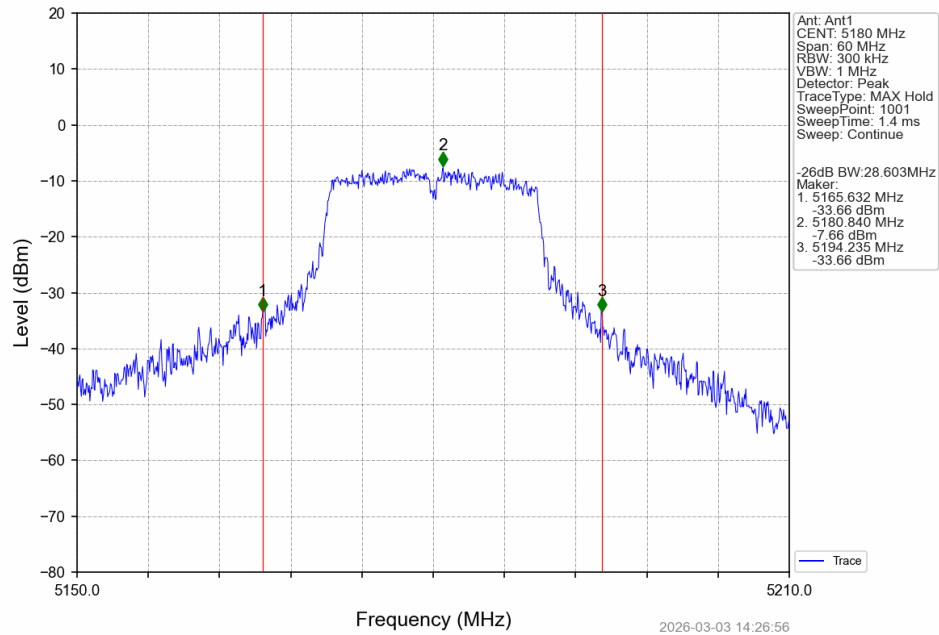
802.11n(HT40) LCH 5190MHz Ant1 NTN



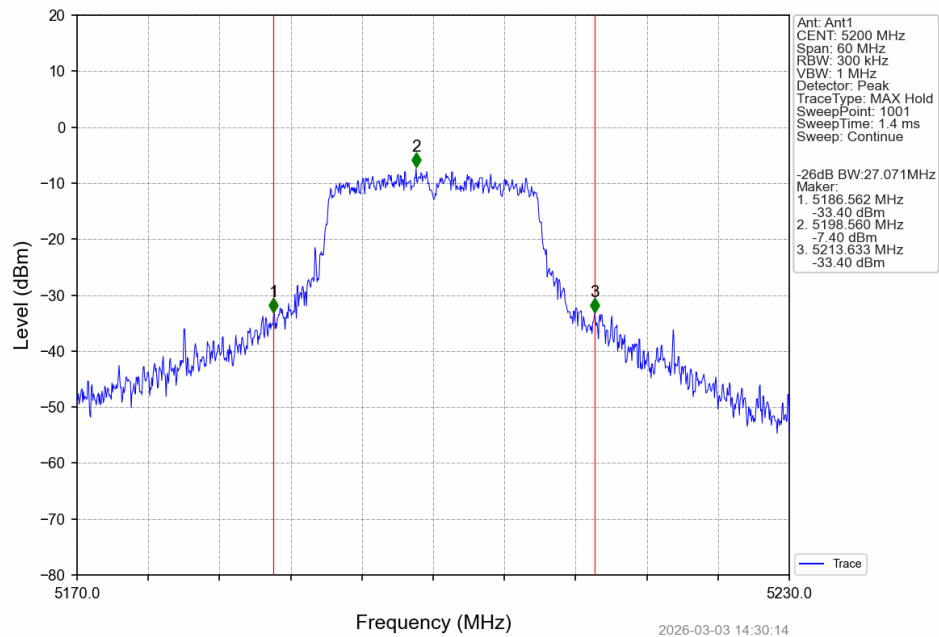
802.11n(HT40)_HCH_5230MHz_Ant1_NTN



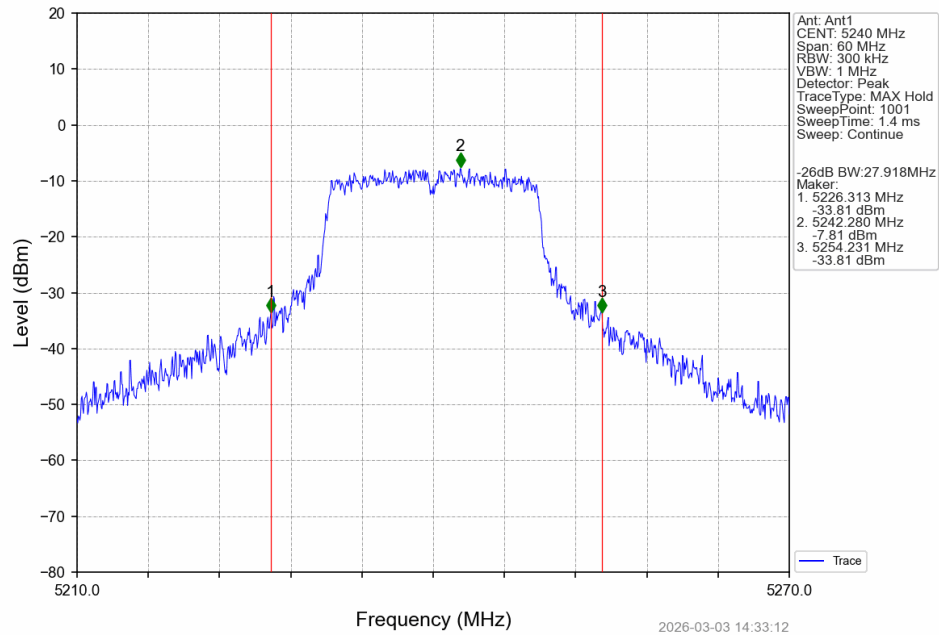
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



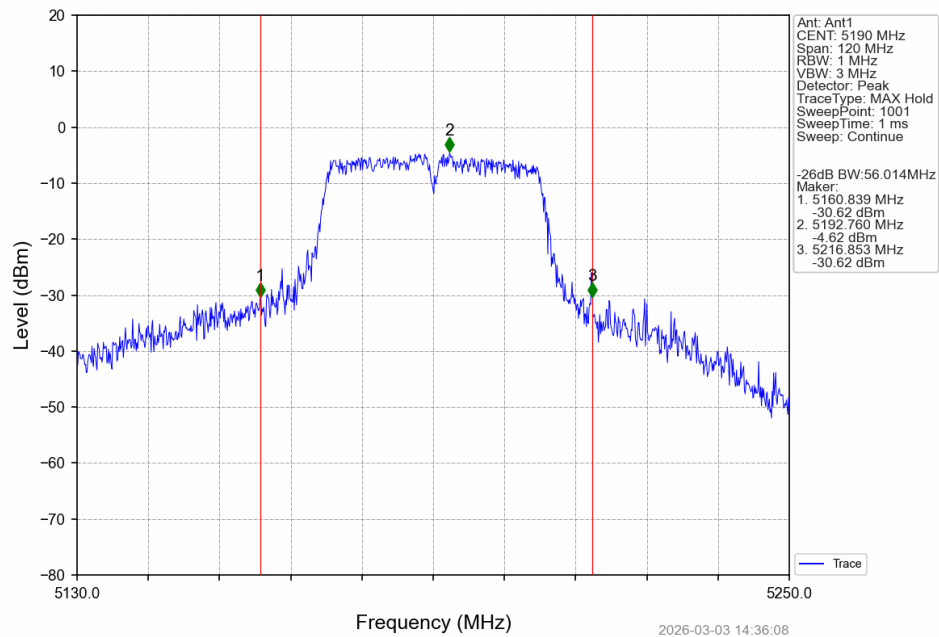
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



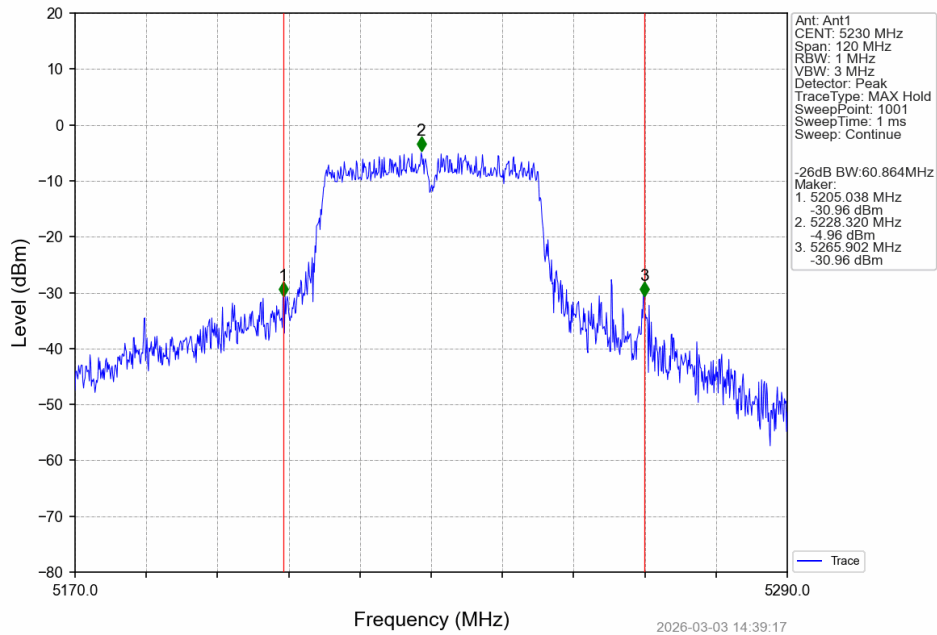
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



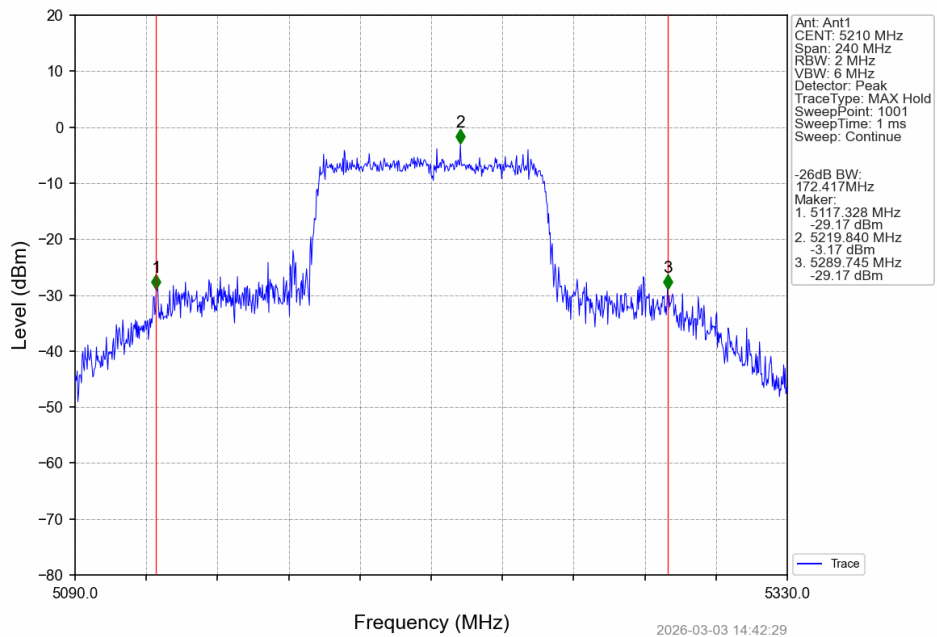
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTN



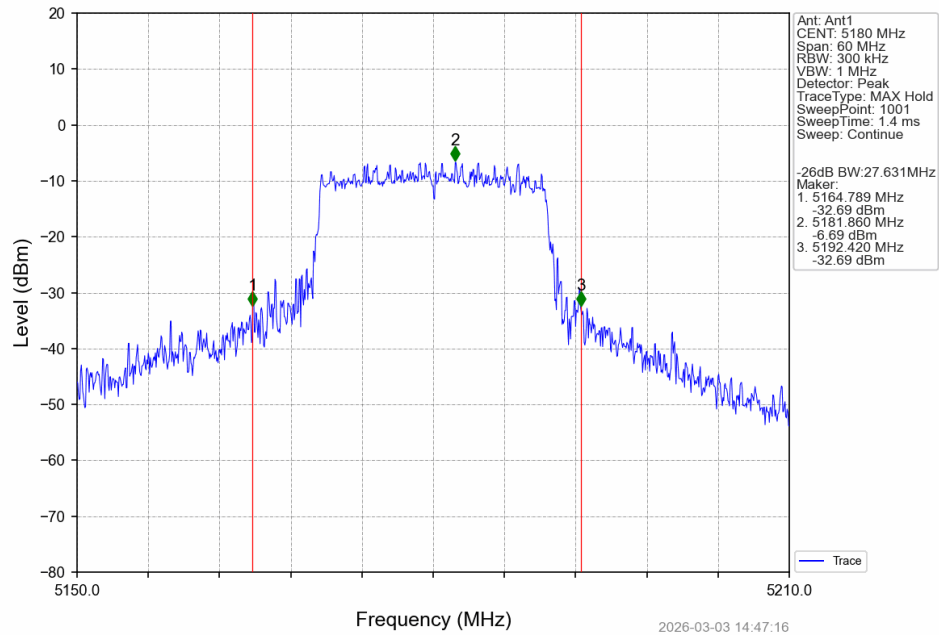
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



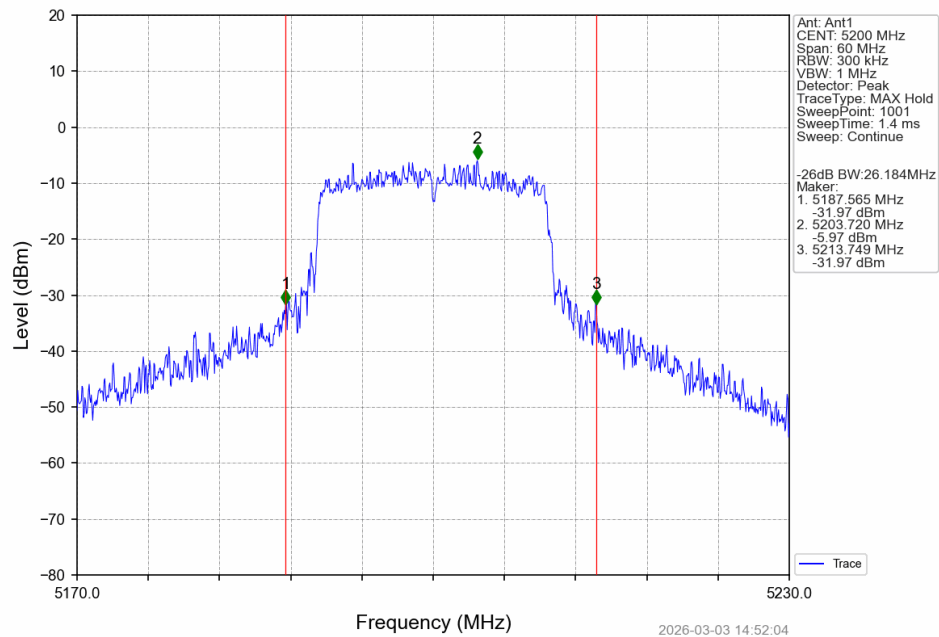
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTN



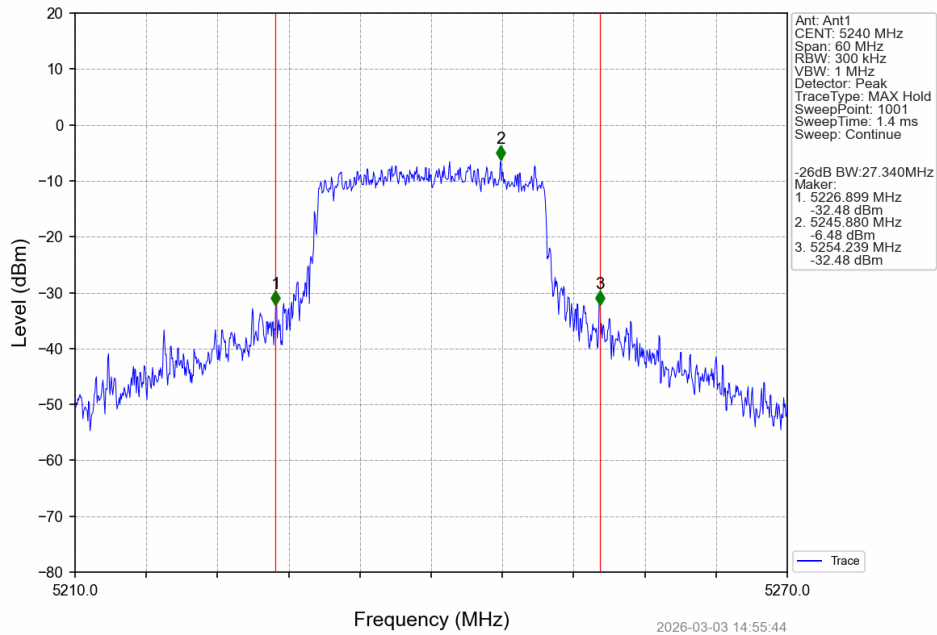
802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTN



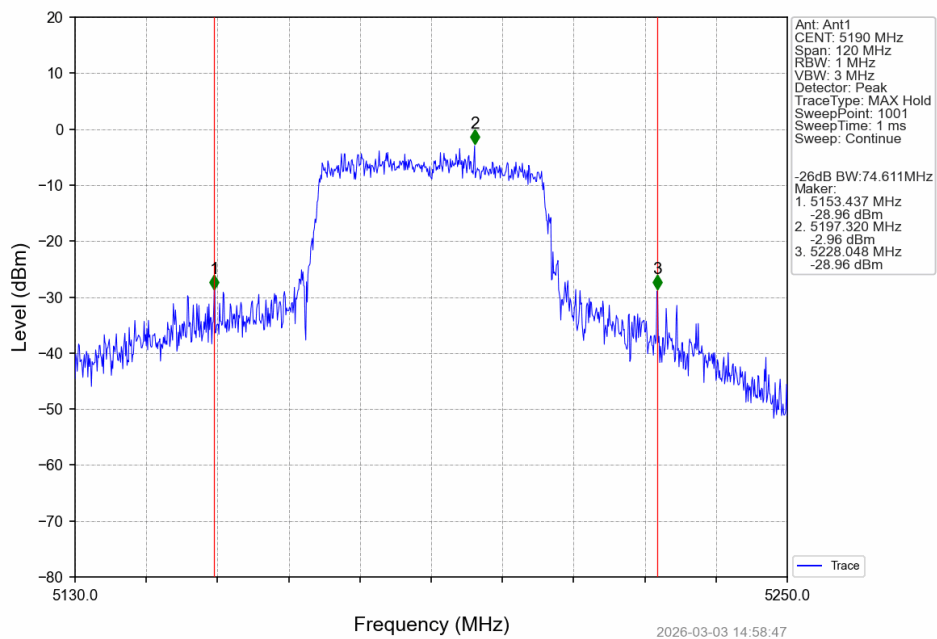
802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTN



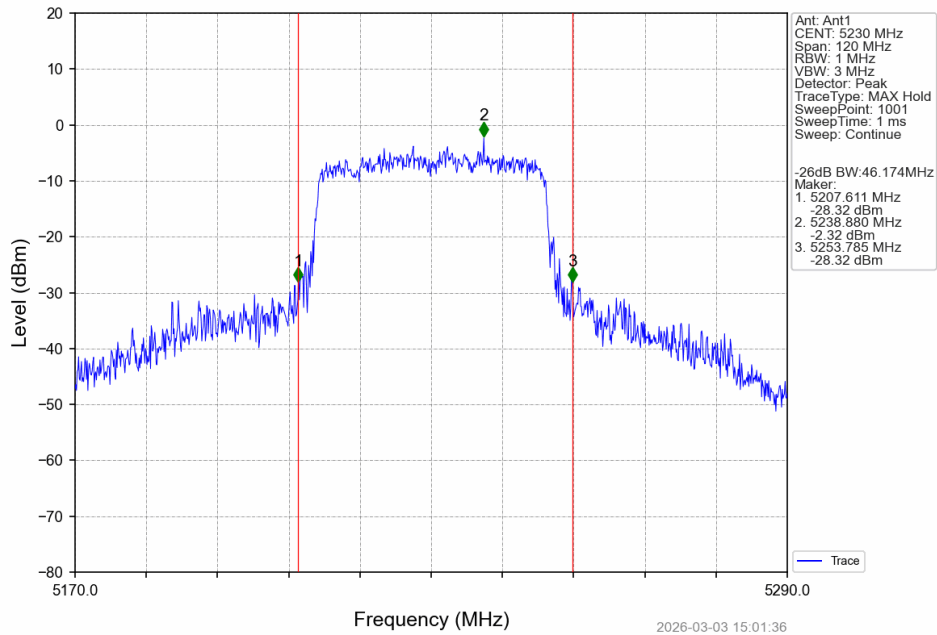
802.11ax(HEW20) HCH 5240MHz SU / Ant1 NTN



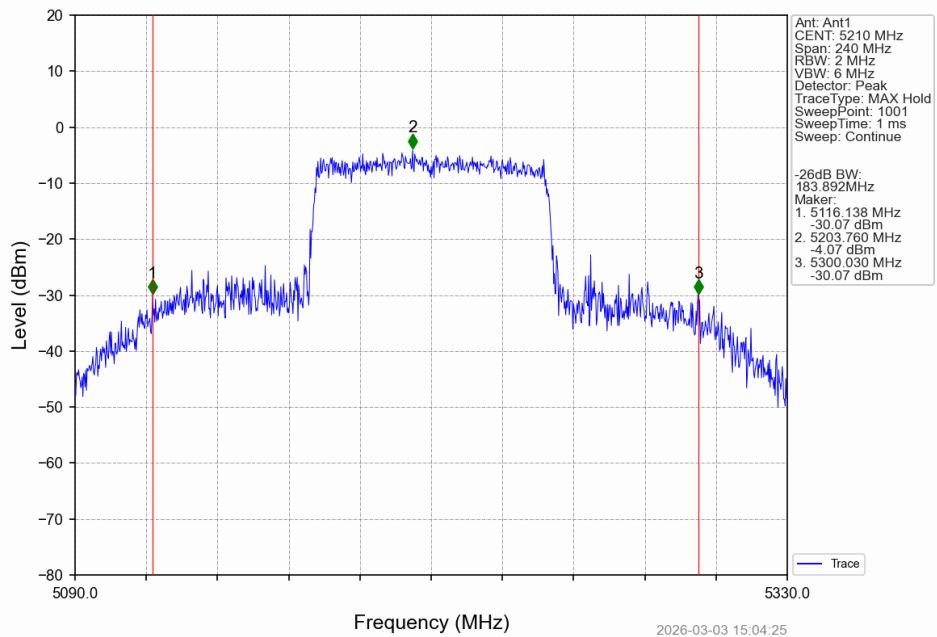
802.11ax(HEW40) LCH 5190MHz SU / Ant1 NTN



802.11ax(HEW40) HCH 5230MHz SU / Ant1 NTN



802.11ax(HEW80) MCH 5210MHz SU / Ant1 NTN



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	2.08	<=23.98	Pass
		5200	0.81	<=23.98	Pass
		5240	1.50	<=23.98	Pass
802.11n (HT20)	SISO	5180	2.08	<=23.98	Pass
		5200	1.54	<=23.98	Pass
		5240	1.66	<=23.98	Pass
802.11n (HT40)	SISO	5190	1.54	<=23.98	Pass
		5230	1.36	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	1.85	<=23.98	Pass
		5200	1.44	<=23.98	Pass
		5240	2.01	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	2.10	<=23.98	Pass
		5230	1.51	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	1.37	<=23.98	Pass
802.11ax (HEW20)	SISO	5180	2.01	<=23.98	Pass
		5200	1.46	<=23.98	Pass
		5240	2.14	<=23.98	Pass
802.11ax (HEW40)	SISO	5190	1.99	<=23.98	Pass
		5230	1.78	<=23.98	Pass
802.11ax (HEW80)	SISO	5210	1.89	<=23.98	Pass

The duty factor is already compensated in the result.

4. Maximum Power Spectral Density

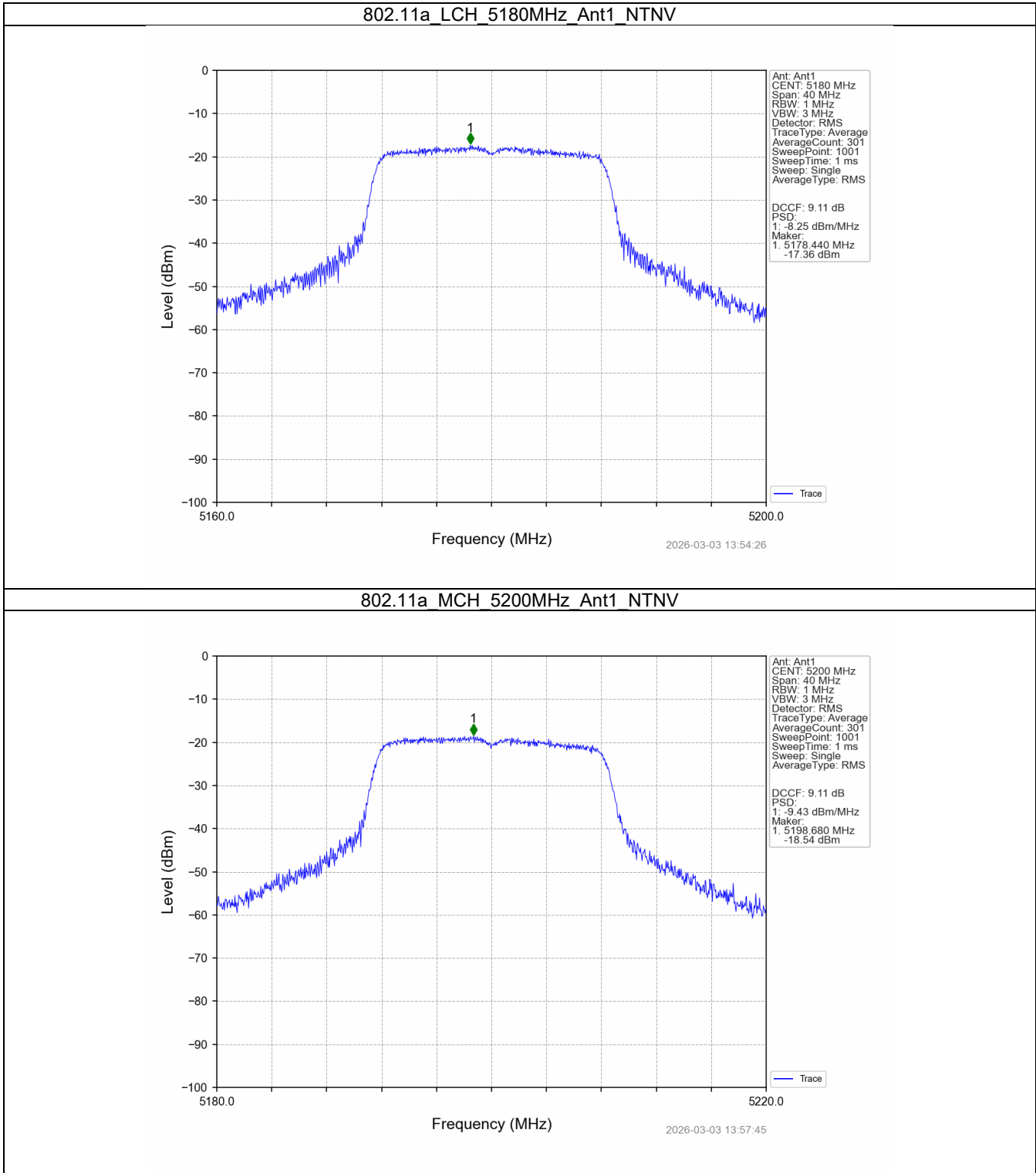
4.1 Test Result

4.1.1 PSD

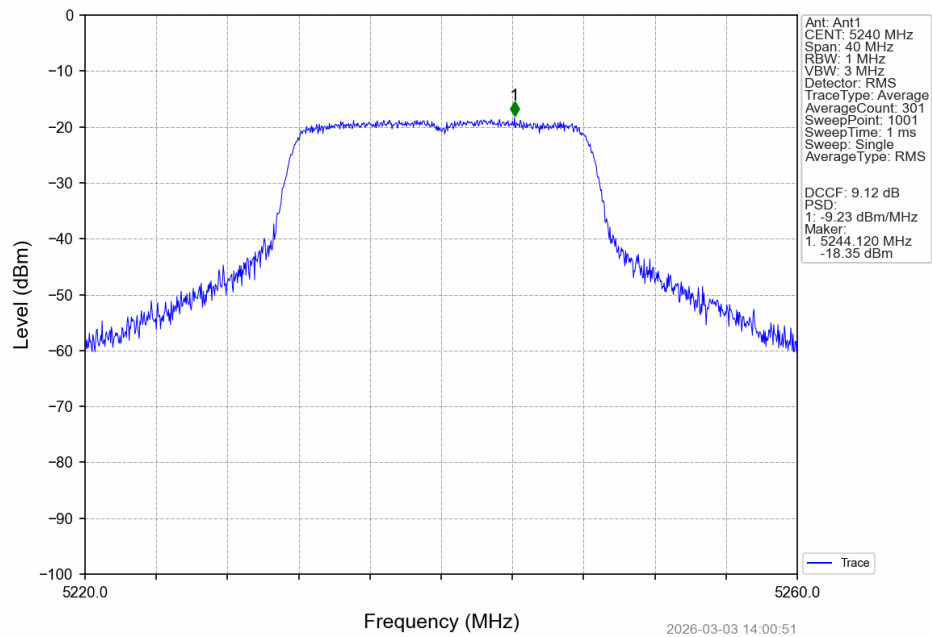
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-8.25	<=11	Pass
		5200	-9.43	<=11	Pass
		5240	-9.23	<=11	Pass
802.11n (HT20)	SISO	5180	-9.16	<=11	Pass
		5200	-9.65	<=11	Pass
		5240	-9.15	<=11	Pass
802.11n (HT40)	SISO	5190	-12.34	<=11	Pass
		5230	-12.92	<=11	Pass
802.11ac (VHT20)	SISO	5180	-9.18	<=11	Pass
		5200	-9.58	<=11	Pass
		5240	-8.88	<=11	Pass
802.11ac (VHT40)	SISO	5190	-11.86	<=11	Pass
		5230	-11.93	<=11	Pass
802.11ac (VHT80)	SISO	5210	-15.12	<=11	Pass
802.11ax (HEW20)	SISO	5180	-9.27	<=11	Pass
		5200	-9.30	<=11	Pass
		5240	-8.95	<=11	Pass
802.11ax (HEW40)	SISO	5190	-11.95	<=11	Pass
		5230	-11.94	<=11	Pass
802.11ax (HEW80)	SISO	5210	-15.66	<=11	Pass

4.2 Test Graph

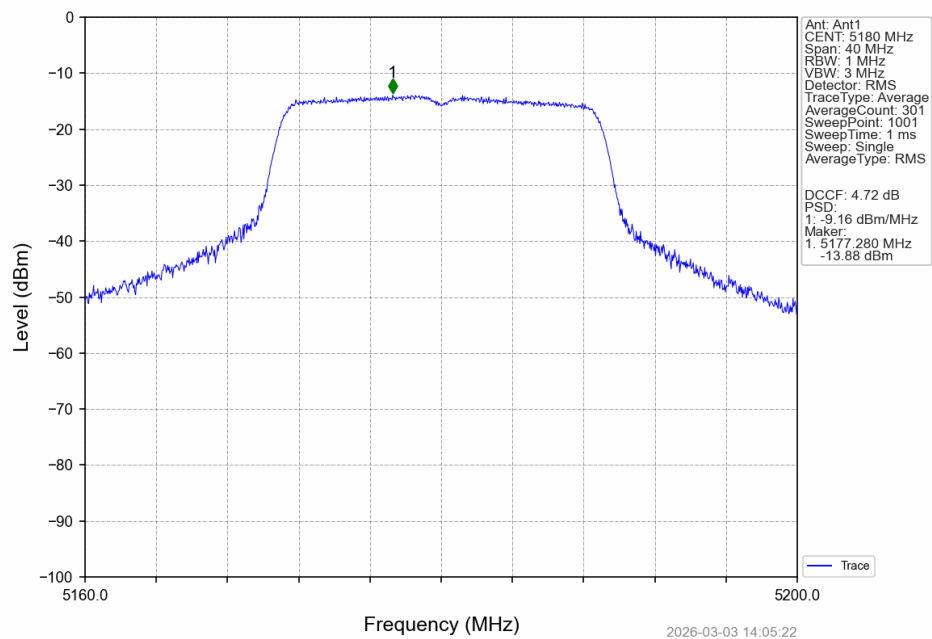
4.2.1 PSD



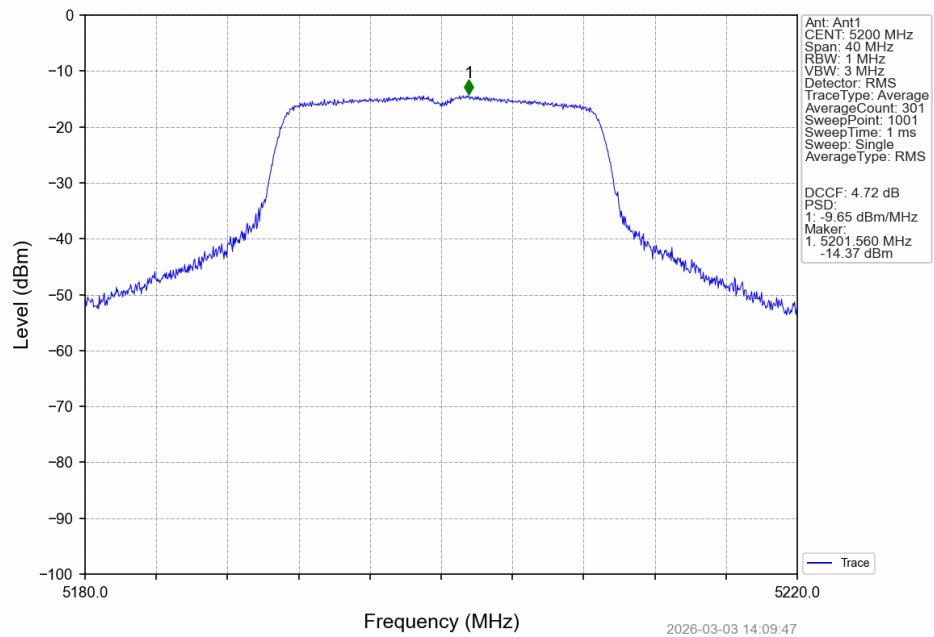
802.11a_HCH_5240MHz_Ant1_NTNV



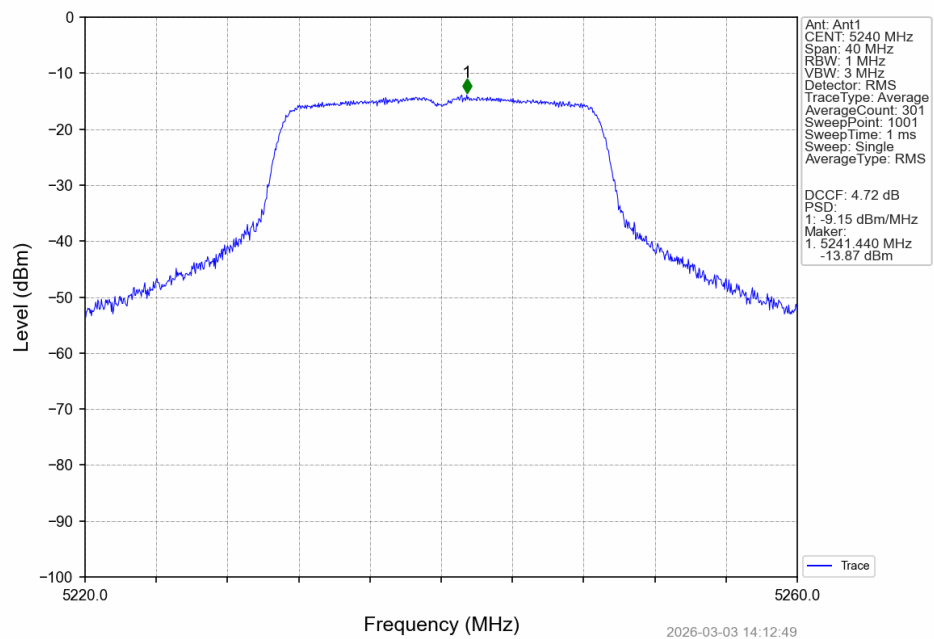
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



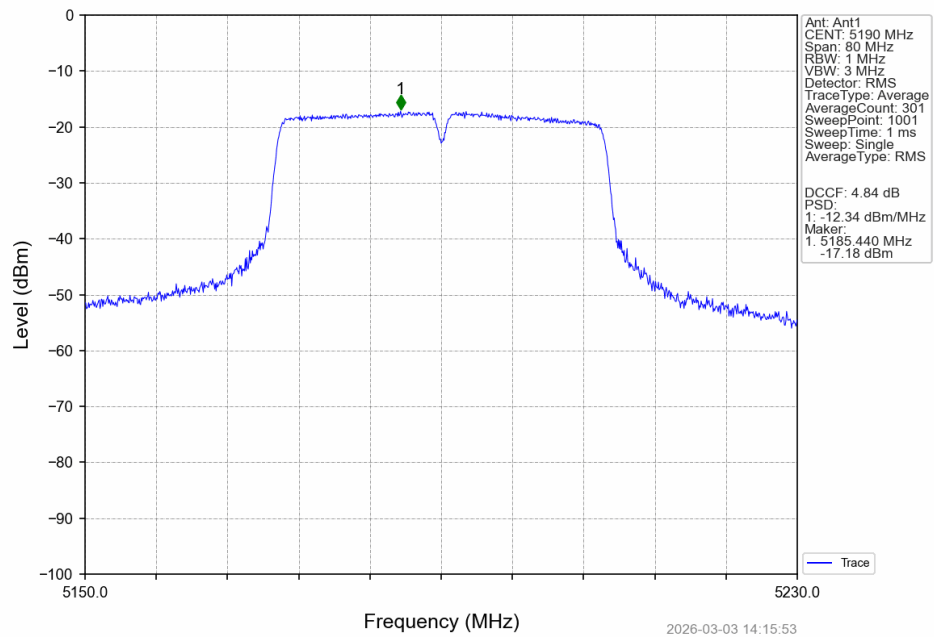
802.11n(HT20) MCH 5200MHz Ant1 NTN



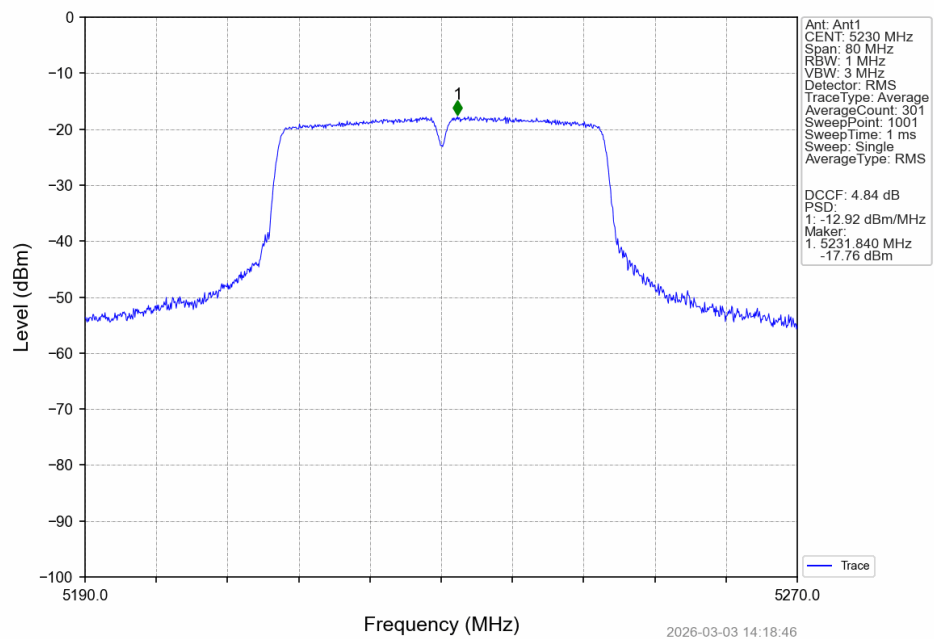
802.11n(HT20)_HCH 5240MHz Ant1 NTN



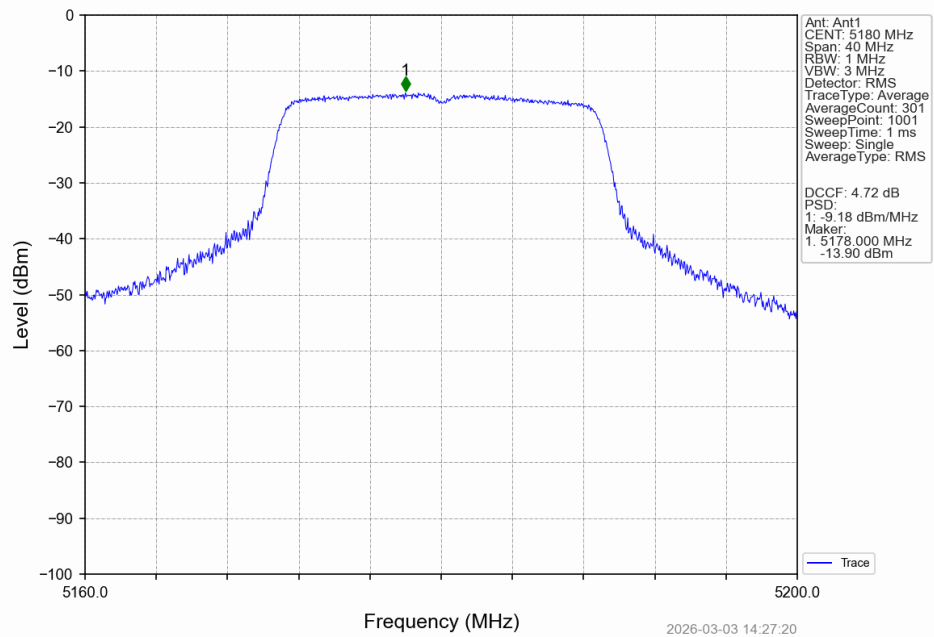
802.11n(HT40) LCH 5190MHz Ant1 NTN



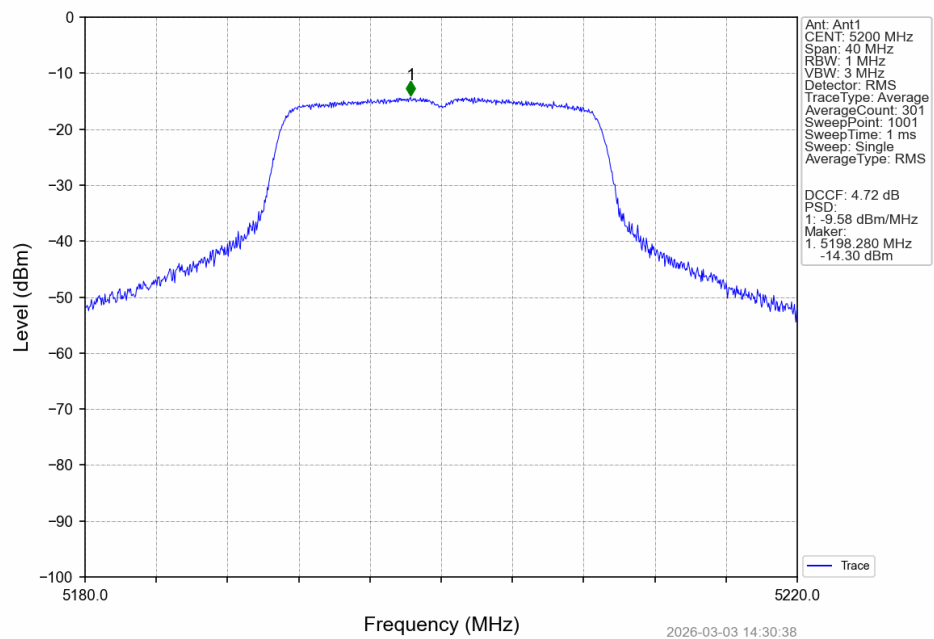
802.11n(HT40)_HCH 5230MHz Ant1 NTN



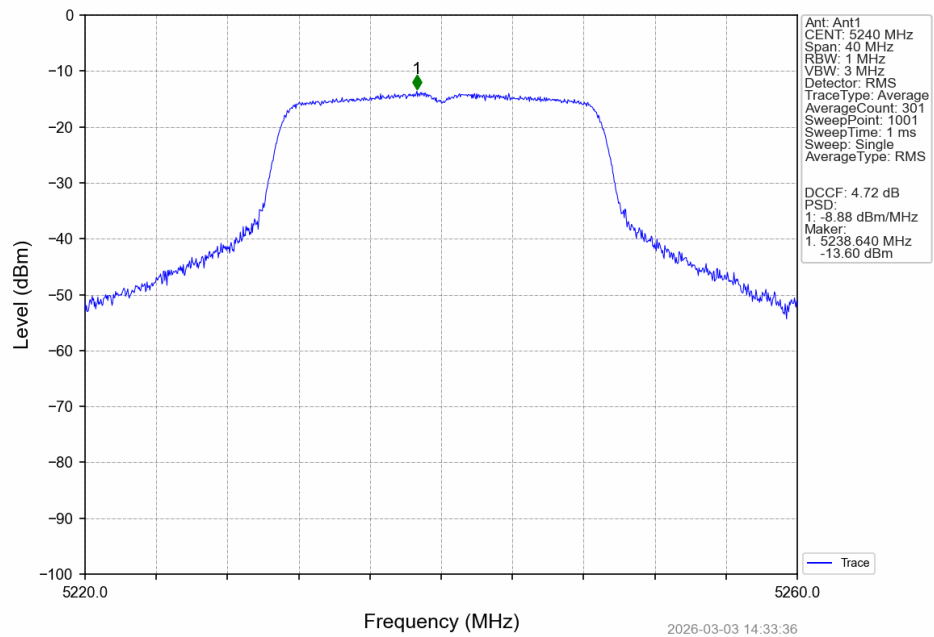
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



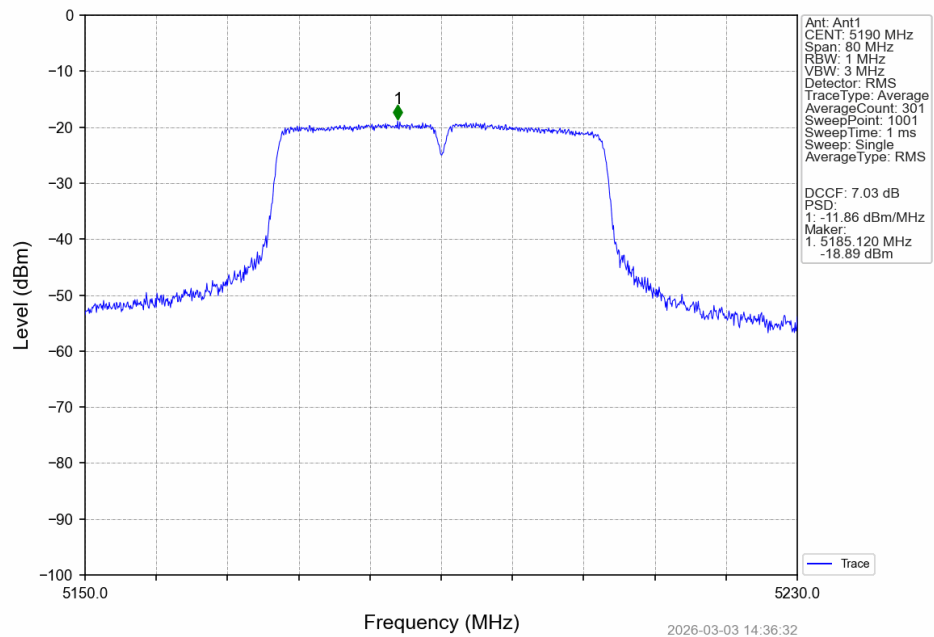
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



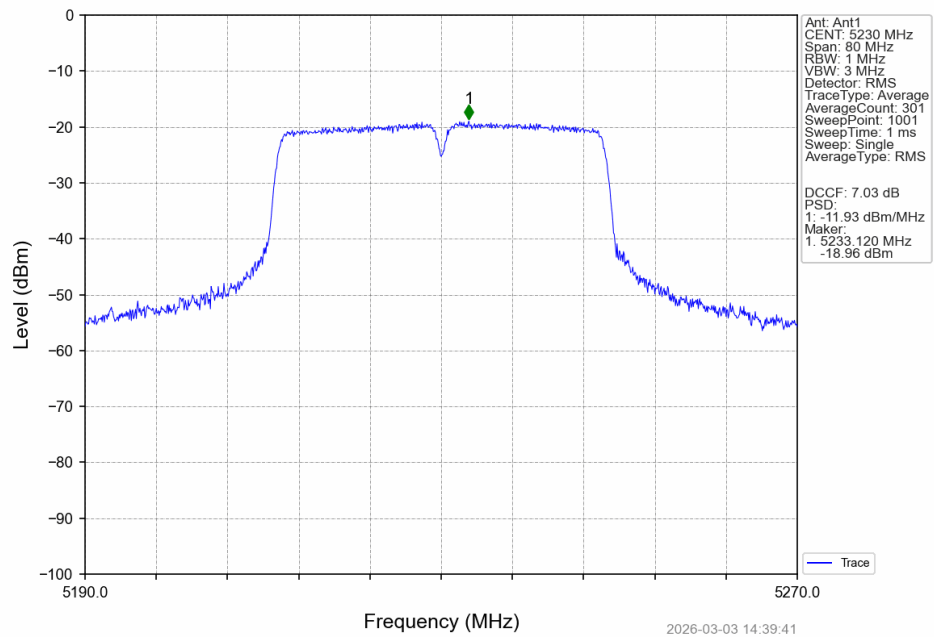
802.11ac(VHT20) HCH 5240MHz Ant1 NTNV



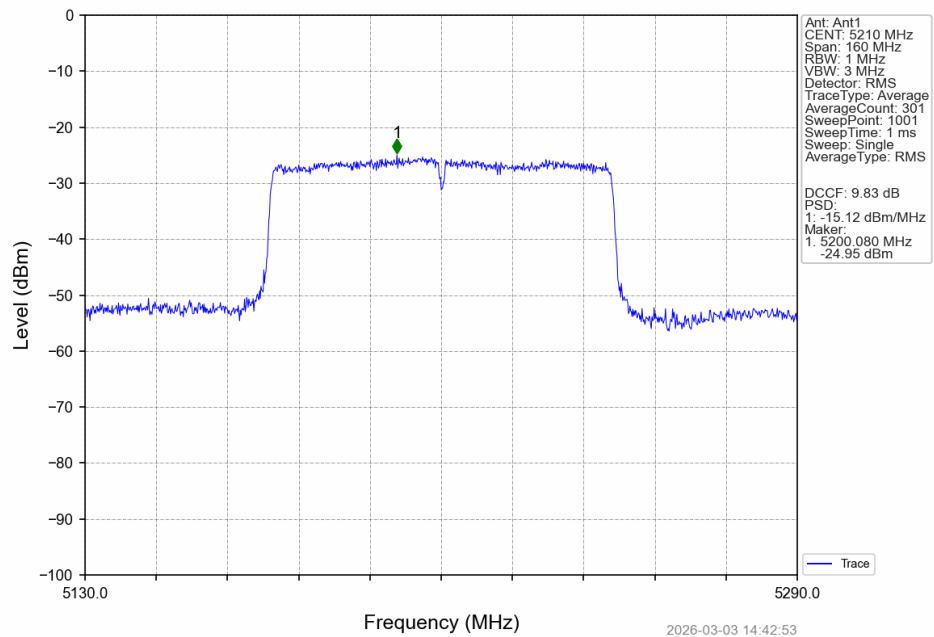
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



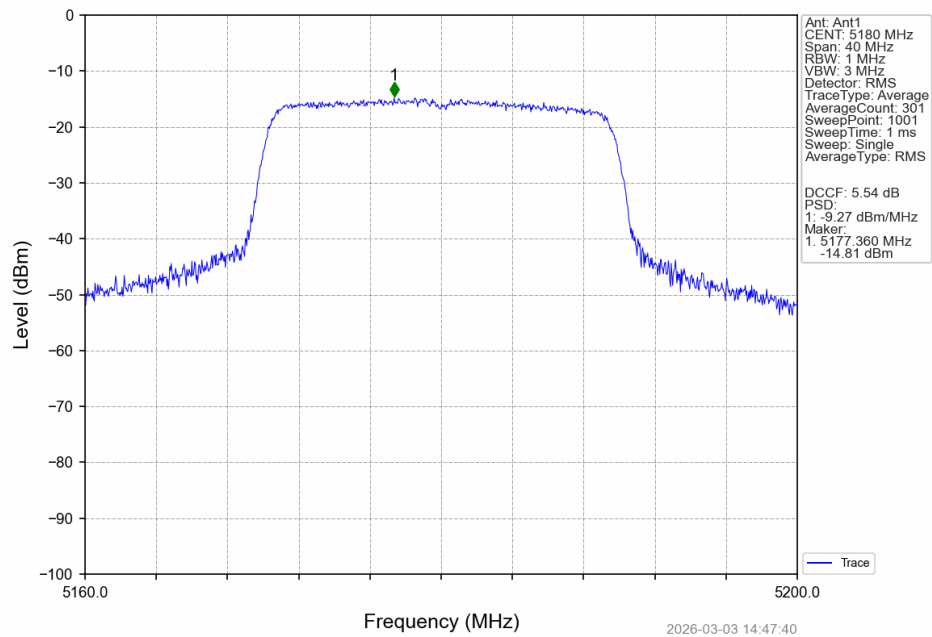
802.11ac(VHT40) HCH 5230MHz Ant1 NTNV



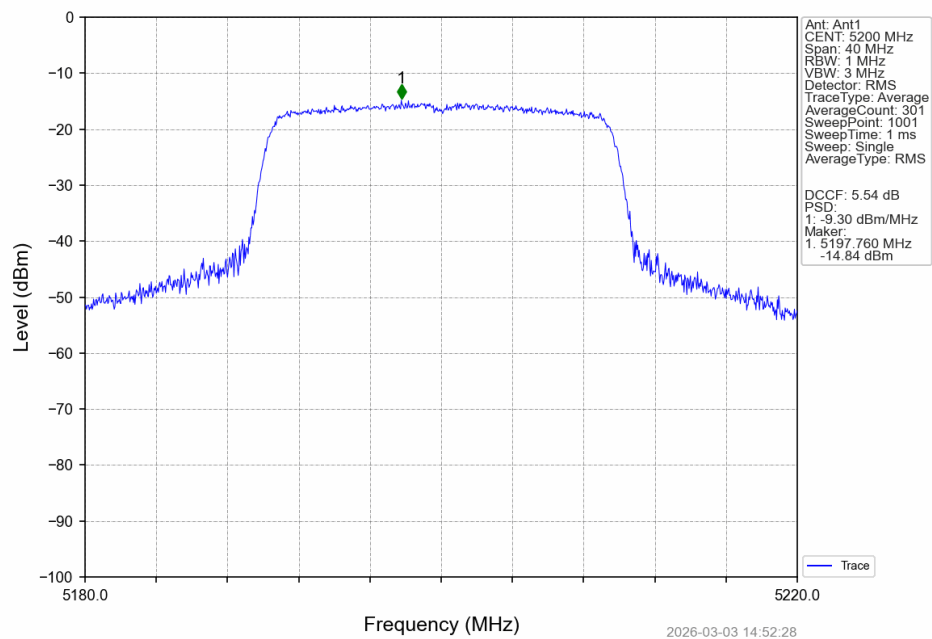
802.11ac(VHT80) MCH 5210MHz Ant1 NTNV



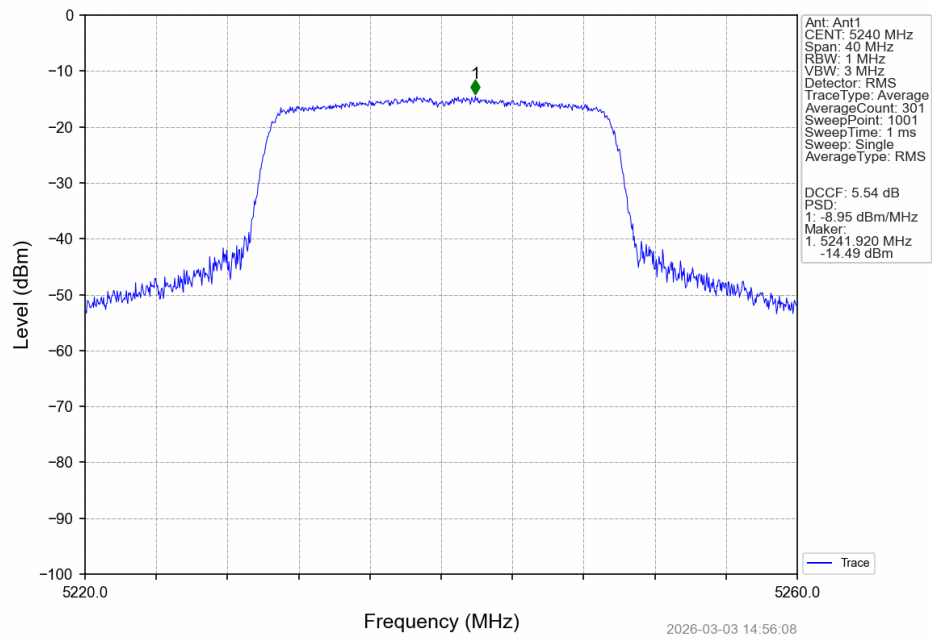
802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTN



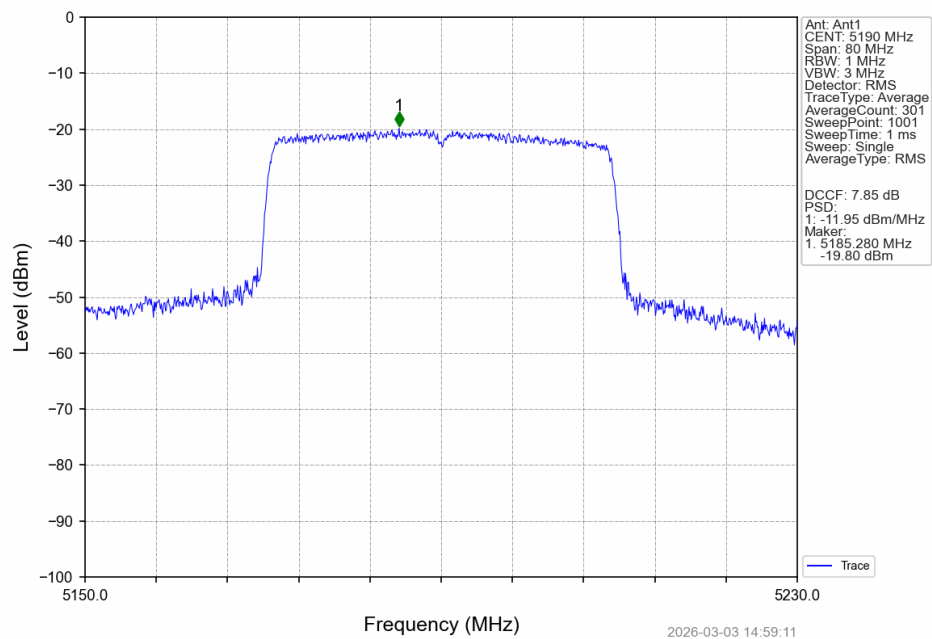
802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTN



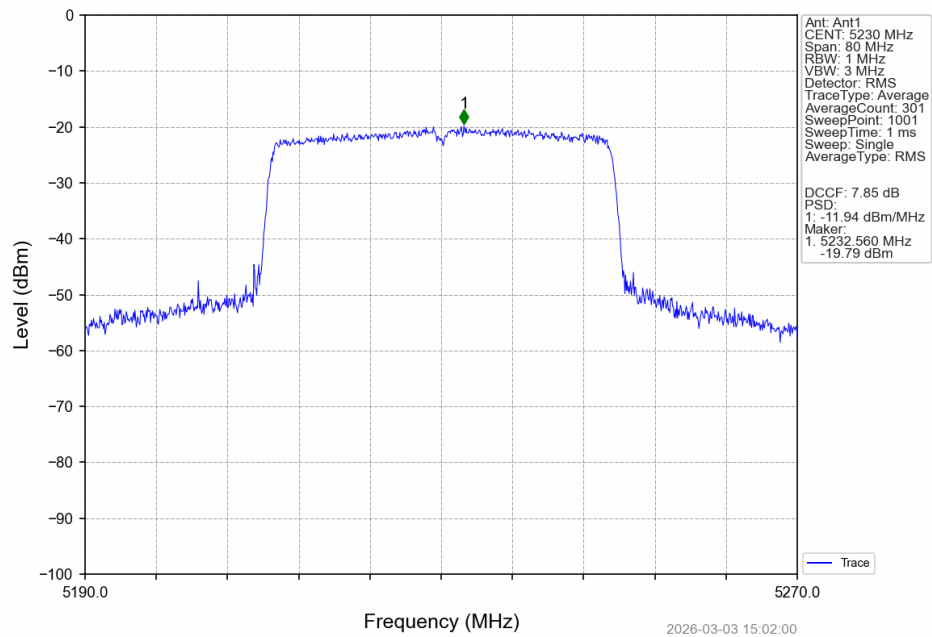
802.11ax(HEW20) HCH 5240MHz SU / Ant1 NTN



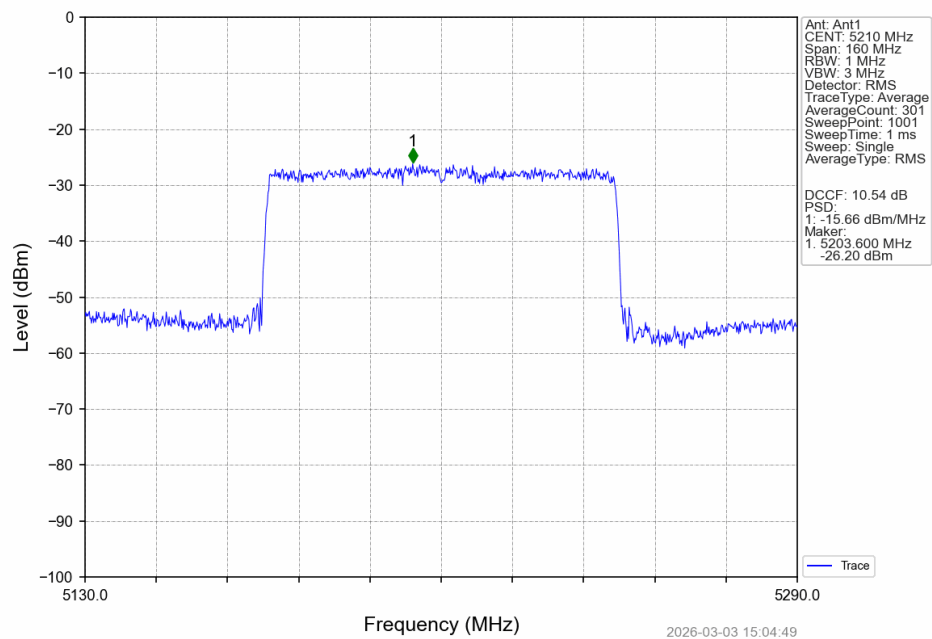
802.11ax(HEW40) LCH 5190MHz SU / Ant1 NTN



802.11ax(HEW40) HCH 5230MHz SU / Ant1 NTN



802.11ax(HEW80) MCH 5210MHz SU / Ant1 NTN



5. Unwanted Emissions In Restricted Frequency Bands

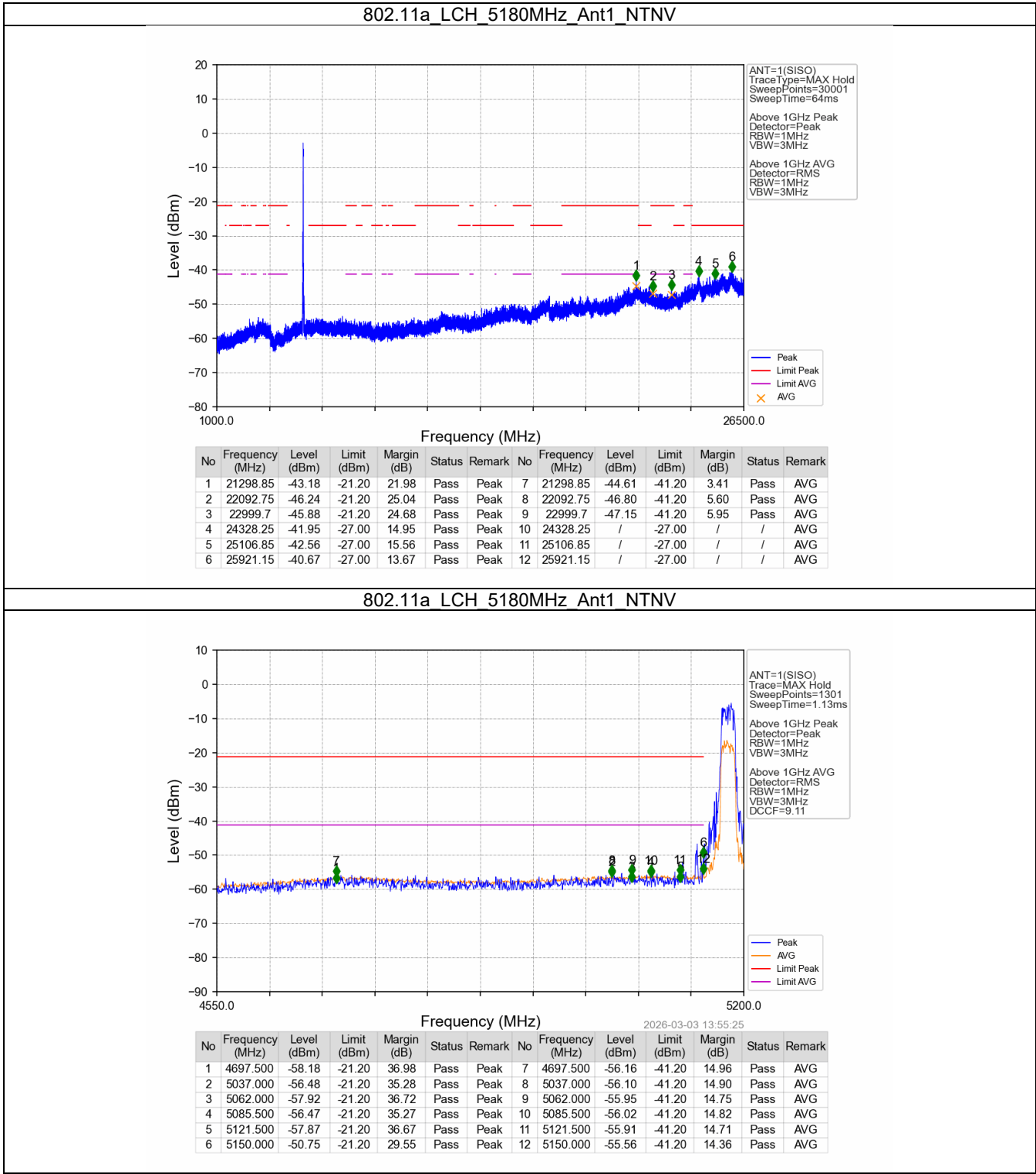
5.1 Test Result

5.1.1 RSE

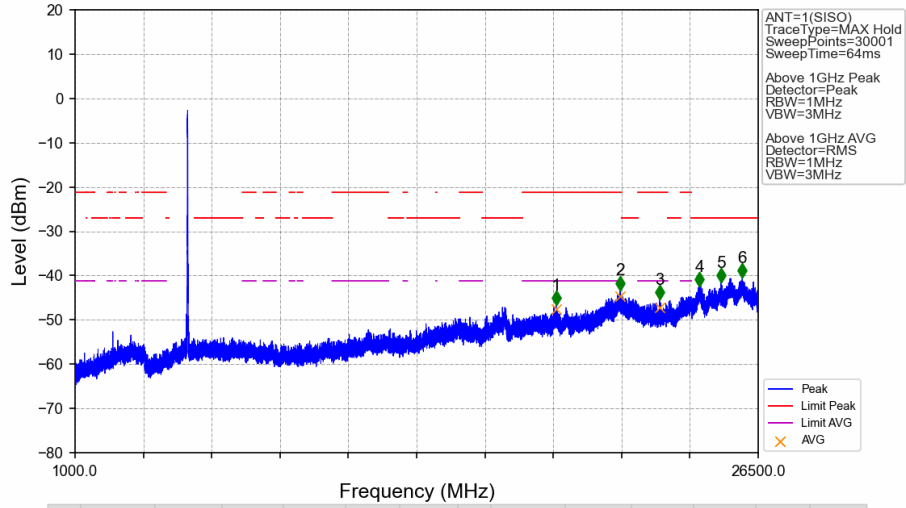
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	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
802.11ax (HEW20)	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
802.11ax (HEW40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
802.11ax (HEW80)	SISO	5210	1	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 RSE

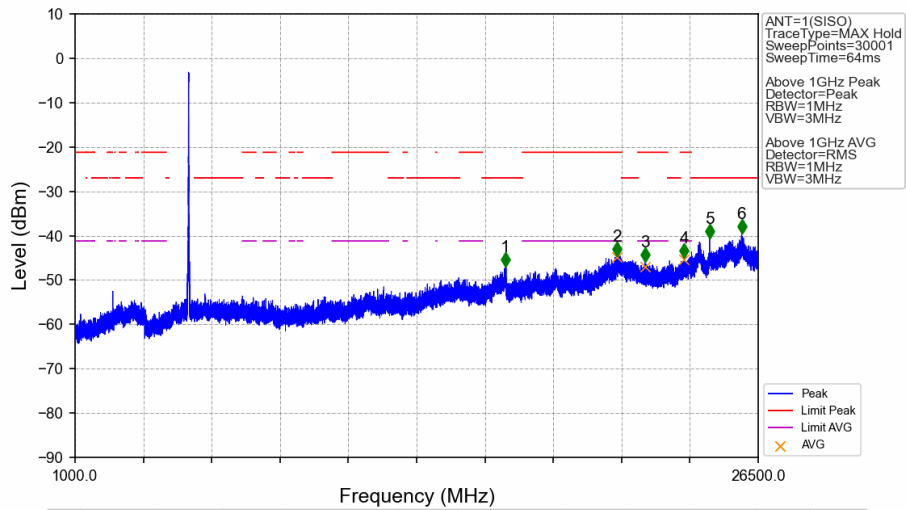


802.11a MCH 5200MHz Ant1 NTN



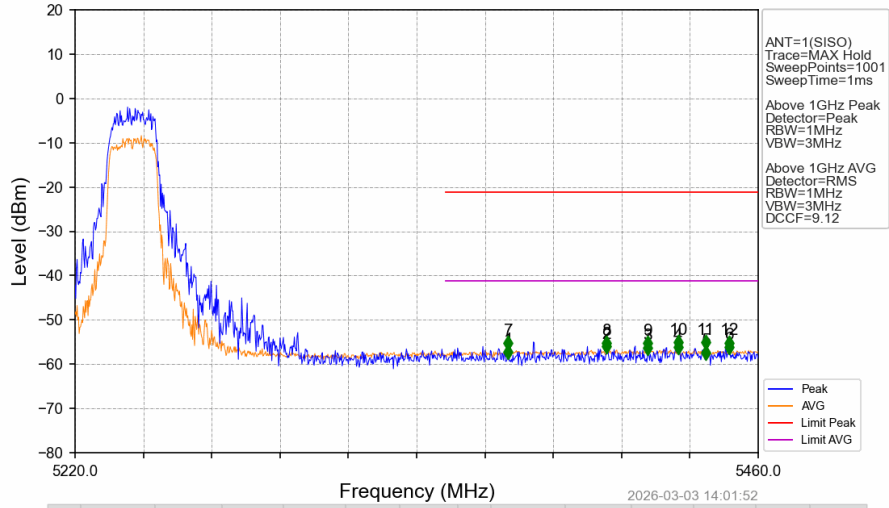
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18958.8	-46.61	-21.20	25.41	Pass	Peak	7	18958.8	-47.66	-41.20	6.46	Pass	AVG
2	21350.7	-43.25	-21.20	22.05	Pass	Peak	8	21350.7	-44.70	-41.20	3.50	Pass	AVG
3	22817.8	-45.42	-21.20	24.22	Pass	Peak	9	22817.8	-47.30	-41.20	6.10	Pass	AVG
4	24303.6	-42.44	-27.00	15.44	Pass	Peak	10	24303.6	/	-27.00	/	/	AVG
5	25109.4	-41.54	-27.00	14.54	Pass	Peak	11	25109.4	/	-27.00	/	/	AVG
6	25903.3	-40.41	-27.00	13.41	Pass	Peak	12	25903.3	/	-27.00	/	/	AVG

802.11a_HCH 5240MHz_Ant1 NTN



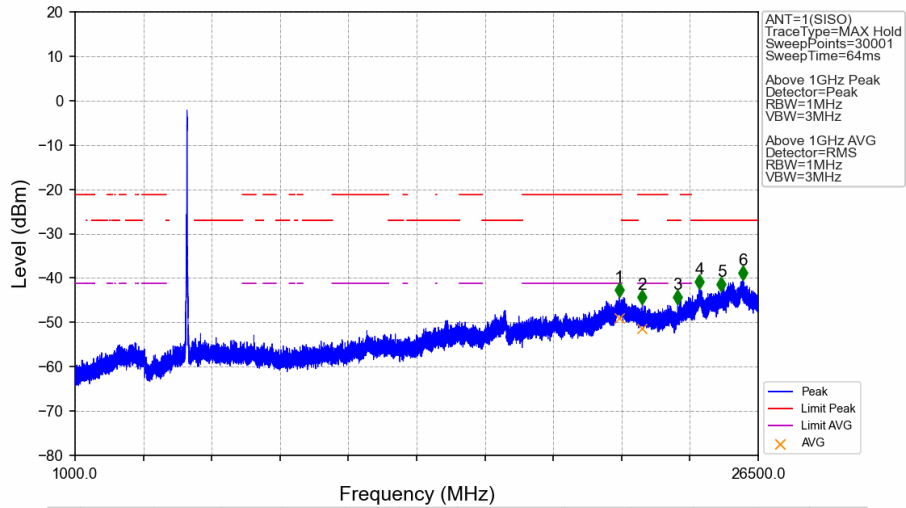
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	17064.15	-46.91	-27.00	19.91	Pass	Peak	7	17064.15	/	-27.00	/	/	AVG
2	21231.7	-44.56	-21.20	23.36	Pass	Peak	8	21231.7	-44.76	-41.20	3.56	Pass	AVG
3	22270.4	-45.85	-21.20	24.65	Pass	Peak	9	22270.4	-47.01	-41.20	5.81	Pass	AVG
4	23740.05	-44.89	-21.20	23.69	Pass	Peak	10	23740.05	-45.38	-41.20	4.18	Pass	AVG
5	24686.1	-40.53	-27.00	13.53	Pass	Peak	11	24686.1	/	-27.00	/	/	AVG
6	25882.9	-39.44	-27.00	12.44	Pass	Peak	12	25882.9	/	-27.00	/	/	AVG

802.11a_HCH_5240MHz_Ant1_NTNV



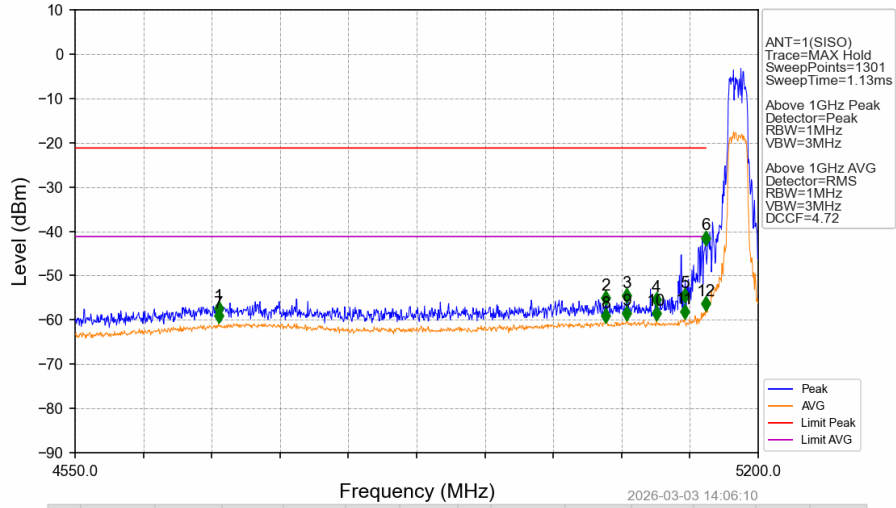
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5372.160	-58.84	-21.20	37.64	Pass	Peak	7	5372.160	-56.84	-41.20	15.64	Pass	AVG
2	5406.720	-57.54	-21.20	36.34	Pass	Peak	8	5406.720	-56.77	-41.20	15.57	Pass	AVG
3	5421.120	-57.82	-21.20	36.62	Pass	Peak	9	5421.120	-56.88	-41.20	15.68	Pass	AVG
4	5431.920	-57.70	-21.20	36.50	Pass	Peak	10	5431.920	-56.55	-41.20	15.35	Pass	AVG
5	5441.520	-59.02	-21.20	37.82	Pass	Peak	11	5441.520	-56.69	-41.20	15.49	Pass	AVG
6	5449.920	-57.80	-21.20	36.60	Pass	Peak	12	5449.920	-56.72	-41.20	15.52	Pass	AVG

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



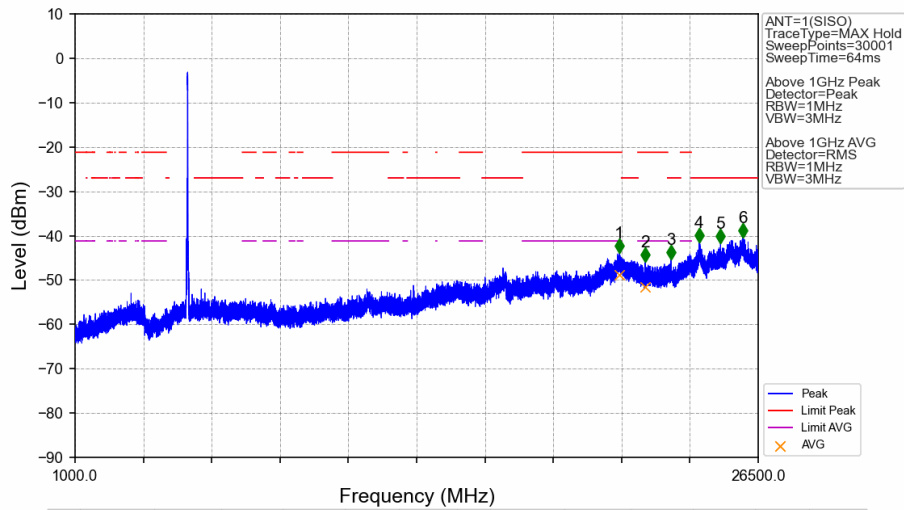
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21312.45	-44.32	-21.20	23.12	Pass	Peak	7	21312.45	-49.01	-41.20	7.81	Pass	AVG
2	22171.8	-45.89	-21.20	24.69	Pass	Peak	8	22171.8	-51.35	-41.20	10.15	Pass	AVG
3	23496.95	-45.96	-27.00	18.96	Pass	Peak	9	23496.95	/	-27.00	/	/	AVG
4	24307	-42.34	-27.00	15.34	Pass	Peak	10	24307	/	-27.00	/	/	AVG
5	25125.55	-43.00	-27.00	16.00	Pass	Peak	11	25125.55	/	-27.00	/	/	AVG
6	25929.65	-40.38	-27.00	13.38	Pass	Peak	12	25929.65	/	-27.00	/	/	AVG

802.11n(HT20) LCH 5180MHz Ant1 NTN



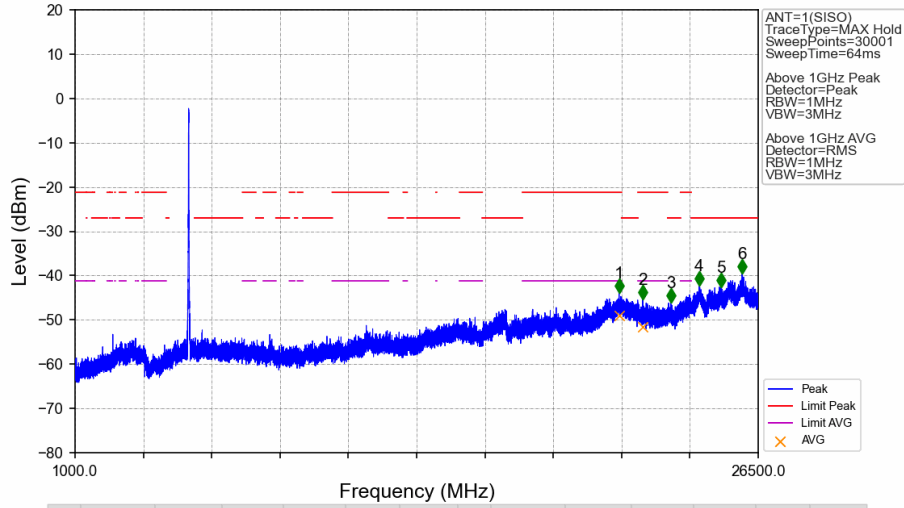
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4686.500	-58.99	-21.20	37.79	Pass	Peak	7	4686.500	-60.68	-41.20	19.48	Pass	AVG
2	5055.000	-56.62	-21.20	35.42	Pass	Peak	8	5055.000	-60.61	-41.20	19.41	Pass	AVG
3	5075.000	-55.98	-21.20	34.78	Pass	Peak	9	5075.000	-60.14	-41.20	18.94	Pass	AVG
4	5103.000	-57.04	-21.20	35.84	Pass	Peak	10	5103.000	-60.02	-41.20	18.82	Pass	AVG
5	5130.000	-56.12	-21.20	34.92	Pass	Peak	11	5130.000	-59.71	-41.20	18.51	Pass	AVG
6	5150.000	-43.04	-21.20	21.84	Pass	Peak	12	5150.000	-57.91	-41.20	16.71	Pass	AVG

802.11n(HT20) MCH 5200MHz Ant1 NTN



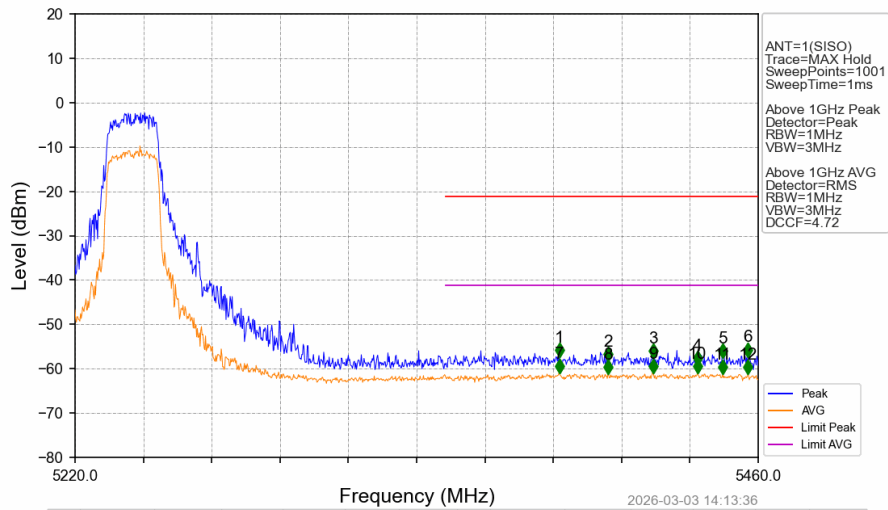
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21310.75	-43.83	-21.20	22.63	Pass	Peak	7	21310.75	-48.85	-41.20	7.65	Pass	AVG
2	22288.25	-45.92	-21.20	24.72	Pass	Peak	8	22288.25	-51.49	-41.20	10.29	Pass	AVG
3	23243.65	-45.25	-27.00	18.25	Pass	Peak	9	23243.65	/	-27.00	/	/	AVG
4	24295.95	-41.43	-27.00	14.43	Pass	Peak	10	24295.95	/	-27.00	/	/	AVG
5	25093.25	-41.68	-27.00	14.68	Pass	Peak	11	25093.25	/	-27.00	/	/	AVG
6	25917.75	-40.48	-27.00	13.48	Pass	Peak	12	25917.75	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5240MHz Ant1 NTN



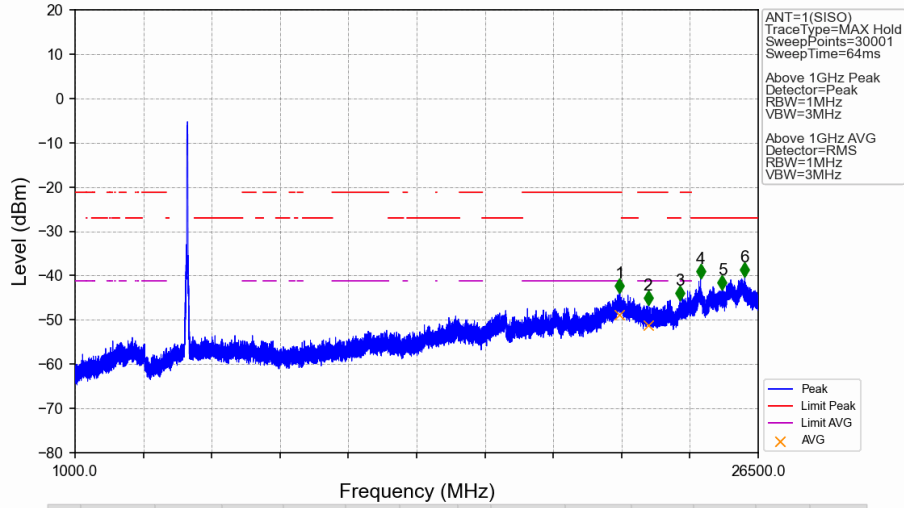
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21309.05	-43.96	-21.20	22.76	Pass	Peak	7	21309.05	-49.04	-41.20	7.84	Pass	AVG
2	22189.65	-45.41	-21.20	24.21	Pass	Peak	8	22189.65	-51.57	-41.20	10.37	Pass	AVG
3	23237.7	-46.10	-27.00	19.10	Pass	Peak	9	23237.7	/	-27.00	/	/	AVG
4	24294.25	-42.21	-27.00	15.21	Pass	Peak	10	24294.25	/	-27.00	/	/	AVG
5	25117.05	-42.57	-27.00	15.57	Pass	Peak	11	25117.05	/	-27.00	/	/	AVG
6	25899.05	-39.56	-27.00	12.56	Pass	Peak	12	25899.05	/	-27.00	/	/	AVG

802.11n(HT20) HCH 5240MHz Ant1 NTN



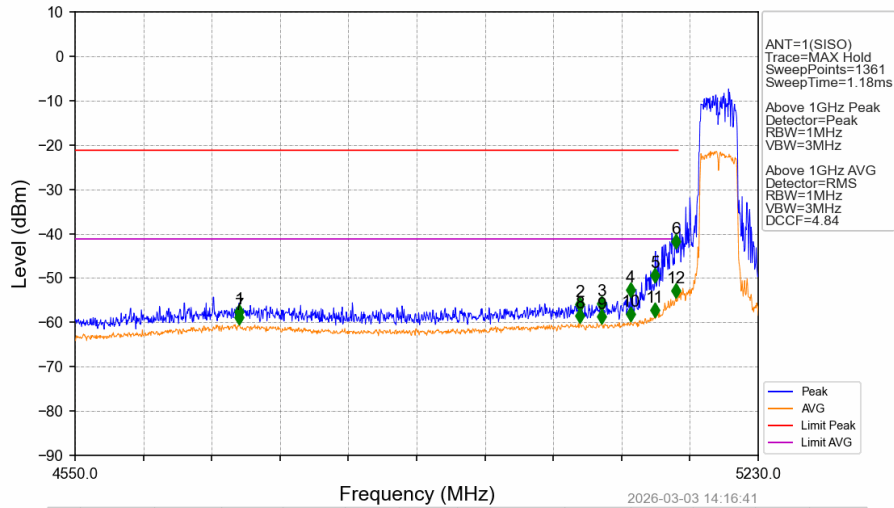
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5390.160	-57.34	-21.20	36.14	Pass	Peak	7	5390.160	-61.06	-41.20	19.86	Pass	AVG
2	5407.200	-58.36	-21.20	37.16	Pass	Peak	8	5407.200	-61.25	-41.20	20.05	Pass	AVG
3	5423.040	-57.60	-21.20	36.40	Pass	Peak	9	5423.040	-60.92	-41.20	19.72	Pass	AVG
4	5438.640	-59.22	-21.20	38.02	Pass	Peak	10	5438.640	-60.93	-41.20	19.73	Pass	AVG
5	5447.520	-57.50	-21.20	36.30	Pass	Peak	11	5447.520	-61.24	-41.20	20.04	Pass	AVG
6	5456.400	-57.27	-21.20	36.07	Pass	Peak	12	5456.400	-61.26	-41.20	20.06	Pass	AVG

802.11n(HT40) LCH_5190MHz_Ant1_NTNV



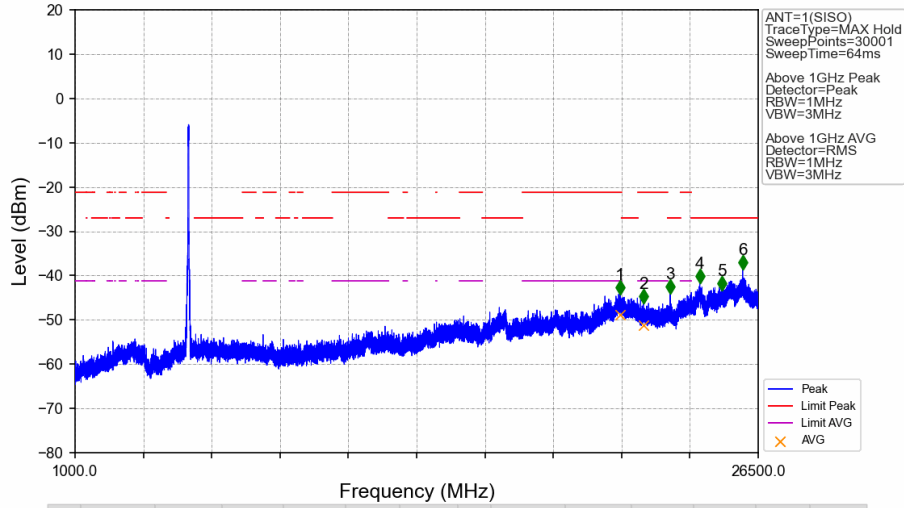
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21320.1	-43.90	-21.20	22.70	Pass	Peak	7	21320.1	-48.78	-41.20	7.58	Pass	AVG
2	22389.4	-46.60	-21.20	25.40	Pass	Peak	8	22389.4	-51.27	-41.20	10.07	Pass	AVG
3	23582.8	-45.45	-27.00	18.45	Pass	Peak	9	23582.8	/	-27.00	/	/	AVG
4	24348.65	-40.61	-27.00	13.61	Pass	Peak	10	24348.65	/	-27.00	/	/	AVG
5	25157.85	-43.19	-27.00	16.19	Pass	Peak	11	25157.85	/	-27.00	/	/	AVG
6	25999.35	-40.23	-27.00	13.23	Pass	Peak	12	25999.35	/	-27.00	/	/	AVG

802.11n(HT40) LCH_5190MHz_Ant1_NTNV



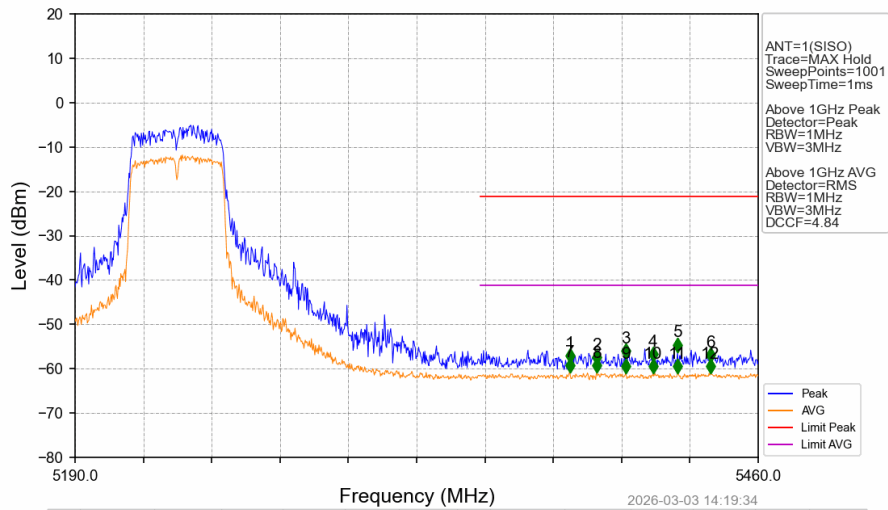
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4713.500	-59.12	-21.20	37.92	Pass	Peak	7	4713.500	-60.52	-41.20	19.32	Pass	AVG
2	5052.500	-57.59	-21.20	36.39	Pass	Peak	8	5052.500	-60.04	-41.20	18.84	Pass	AVG
3	5074.000	-57.28	-21.20	36.08	Pass	Peak	9	5074.000	-60.21	-41.20	19.01	Pass	AVG
4	5103.000	-54.32	-21.20	33.12	Pass	Peak	10	5103.000	-59.77	-41.20	18.57	Pass	AVG
5	5127.000	-50.93	-21.20	29.73	Pass	Peak	11	5127.000	-58.85	-41.20	17.65	Pass	AVG
6	5148.000	-43.29	-21.20	22.09	Pass	Peak	12	5148.000	-54.38	-41.20	13.18	Pass	AVG

802.11n(HT40) HCH 5230MHz Ant1 NTN



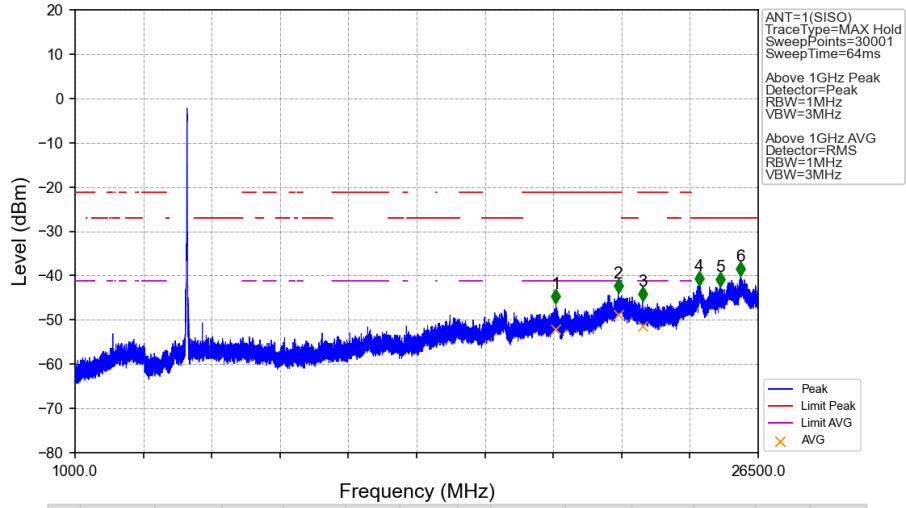
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21347.3	-44.19	-21.20	22.99	Pass	Peak	7	21347.3	-48.80	-41.20	7.60	Pass	AVG
2	22214.3	-46.22	-21.20	25.02	Pass	Peak	8	22214.3	-51.24	-41.20	10.04	Pass	AVG
3	23213.9	-44.06	-27.00	17.06	Pass	Peak	9	23213.9	/	-27.00	/	/	AVG
4	24320.6	-41.61	-27.00	14.61	Pass	Peak	10	24320.6	/	-27.00	/	/	AVG
5	25136.6	-43.31	-27.00	16.31	Pass	Peak	11	25136.6	/	-27.00	/	/	AVG
6	25920.3	-38.66	-27.00	11.66	Pass	Peak	12	25920.3	/	-27.00	/	/	AVG

802.11n(HT40) HCH 5230MHz Ant1 NTN



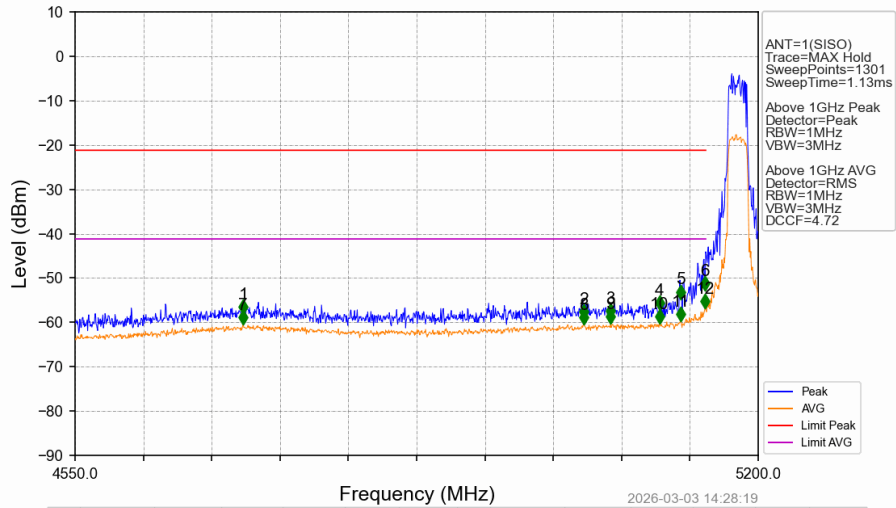
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5385.480	-58.55	-21.20	37.35	Pass	Peak	7	5385.480	-60.73	-41.20	19.53	Pass	AVG
2	5396.280	-59.06	-21.20	37.86	Pass	Peak	8	5396.280	-60.90	-41.20	19.70	Pass	AVG
3	5407.620	-57.55	-21.20	36.35	Pass	Peak	9	5407.620	-61.03	-41.20	19.83	Pass	AVG
4	5418.420	-58.24	-21.20	37.04	Pass	Peak	10	5418.420	-61.01	-41.20	19.81	Pass	AVG
5	5428.140	-56.17	-21.20	34.97	Pass	Peak	11	5428.140	-60.98	-41.20	19.78	Pass	AVG
6	5441.100	-58.42	-21.20	37.22	Pass	Peak	12	5441.100	-61.00	-41.20	19.80	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	18949.45	-46.22	-21.20	25.02	Pass	Peak	7	18949.45	-52.06	-41.20	10.86	Pass	AVG
2	21275.9	-43.95	-21.20	22.75	Pass	Peak	8	21275.9	-48.86	-41.20	7.66	Pass	AVG
3	22182.85	-45.64	-21.20	24.44	Pass	Peak	9	22182.85	-51.40	-41.20	10.20	Pass	AVG
4	24285.75	-42.17	-27.00	15.17	Pass	Peak	10	24285.75	/	-27.00	/	/	AVG
5	25070.3	-42.47	-27.00	15.47	Pass	Peak	11	25070.3	/	-27.00	/	/	AVG
6	25842.95	-40.09	-27.00	13.09	Pass	Peak	12	25842.95	/	-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	4710.000	-58.03	-21.20	36.83	Pass	Peak	7	4710.000	-60.42	-41.20	19.22	Pass	AVG
2	5034.000	-59.24	-21.20	38.04	Pass	Peak	8	5034.000	-60.40	-41.20	19.20	Pass	AVG
3	5059.500	-58.91	-21.20	37.71	Pass	Peak	9	5059.500	-60.28	-41.20	19.08	Pass	AVG
4	5106.000	-57.07	-21.20	35.87	Pass	Peak	10	5106.000	-60.27	-41.20	19.07	Pass	AVG
5	5126.000	-54.70	-21.20	33.50	Pass	Peak	11	5126.000	-59.75	-41.20	18.55	Pass	AVG
6	5149.500	-52.81	-21.20	31.61	Pass	Peak	12	5149.500	-56.73	-41.20	15.53	Pass	AVG