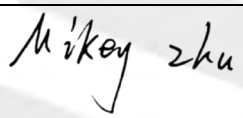
ANNEX F TEST DATA

For

Project No.:	8332EU013011W
Client:	Shenzhen lhome loT Technology Co., LTD
Product Description:	Smart Pet Feeder
Model No.:	PF5
FCC ID:	2BRGT-PF5
Technology:	WiFi 5G
Test Engineer:	
Test Date:	2025-08-19

Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Unwanted Emissions In Non-restricted Frequency Bands	Pass
Frequency Stability	Pass

1. Duty Cycle

1.1 Test Result

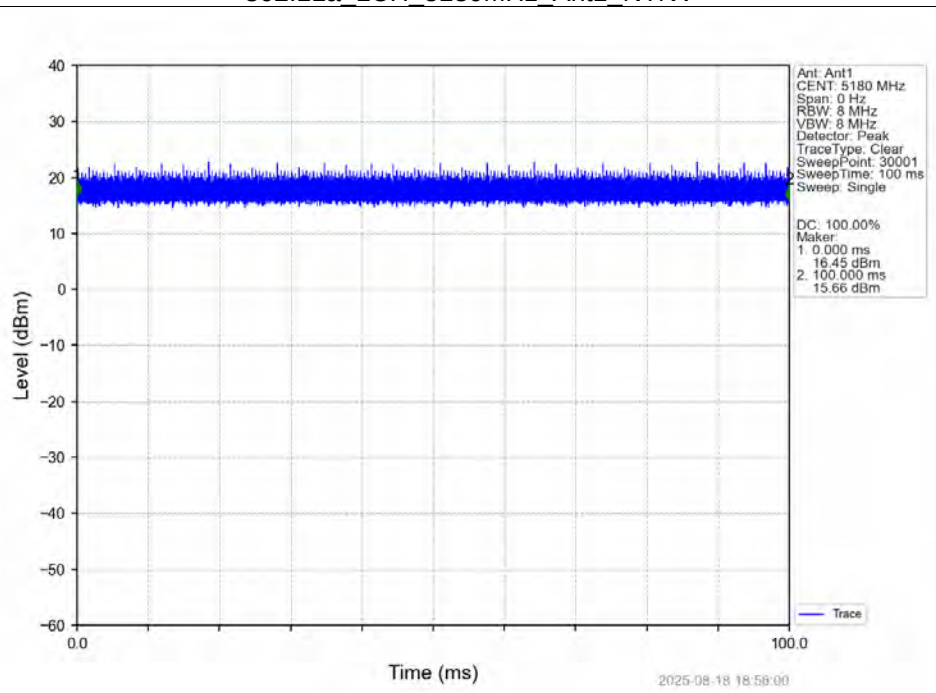
1.1.1 Ant1

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	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
		5745	100.000	100.000	100.00	0.00	0.00
		5785	100.000	100.000	100.00	0.00	0.00
		5825	100.000	100.000	100.00	0.00	0.00
802.11n (HT20)	SISO	5180	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
		5745	100.000	100.000	100.00	0.00	0.00
		5785	100.000	100.000	100.00	0.00	0.00
		5825	100.000	100.000	100.00	0.00	0.00
802.11n (HT40)	SISO	5190	100.000	100.000	100.00	0.00	0.00
		5230	100.000	100.000	100.00	0.00	0.00
		5755	100.000	100.000	100.00	0.00	0.00
		5795	100.000	100.000	100.00	0.00	0.00
802.11ac (VHT20)	SISO	5180	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
		5745	100.000	100.000	100.00	0.00	0.00
		5785	100.000	100.000	100.00	0.00	0.00
		5825	100.000	100.000	100.00	0.00	0.00
802.11ac (VHT40)	SISO	5190	100.000	100.000	100.00	0.00	0.00
		5230	100.000	100.000	100.00	0.00	0.00
		5755	100.000	100.000	100.00	0.00	0.00
		5795	100.000	100.000	100.00	0.00	0.00

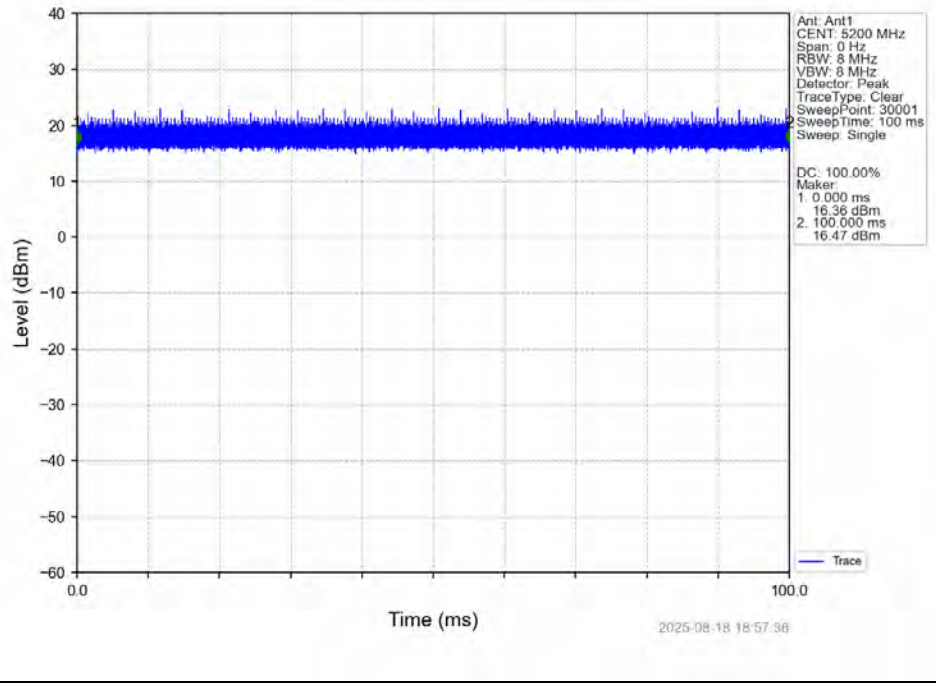
1.2 Test Graph

1.2.1 Ant1

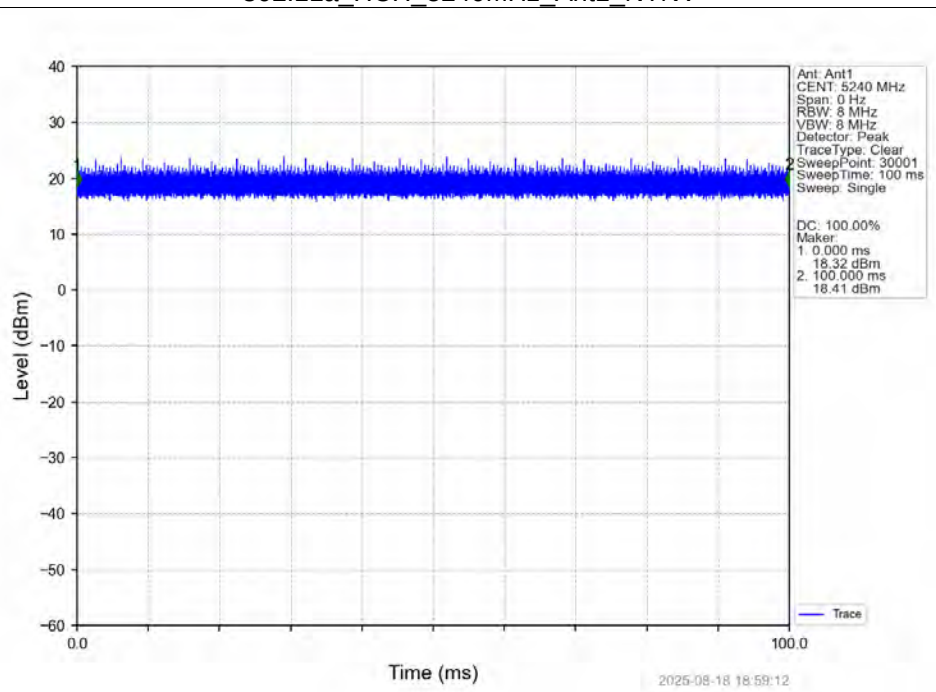
802.11a_LCH_5180MHz_Ant1_NTNV



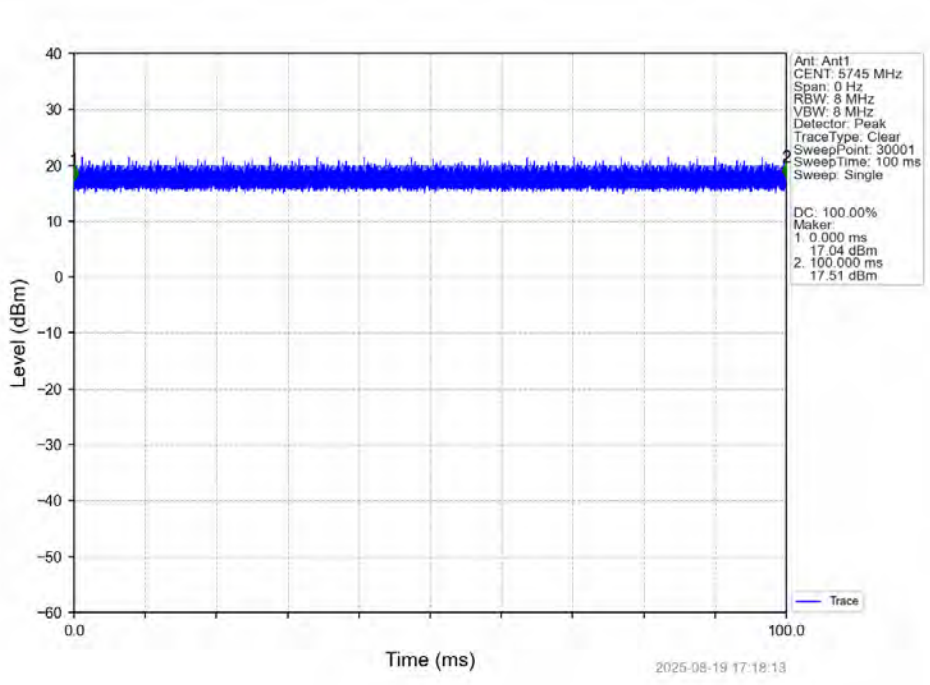
802.11a_MCH_5200MHz_Ant1_NTNV



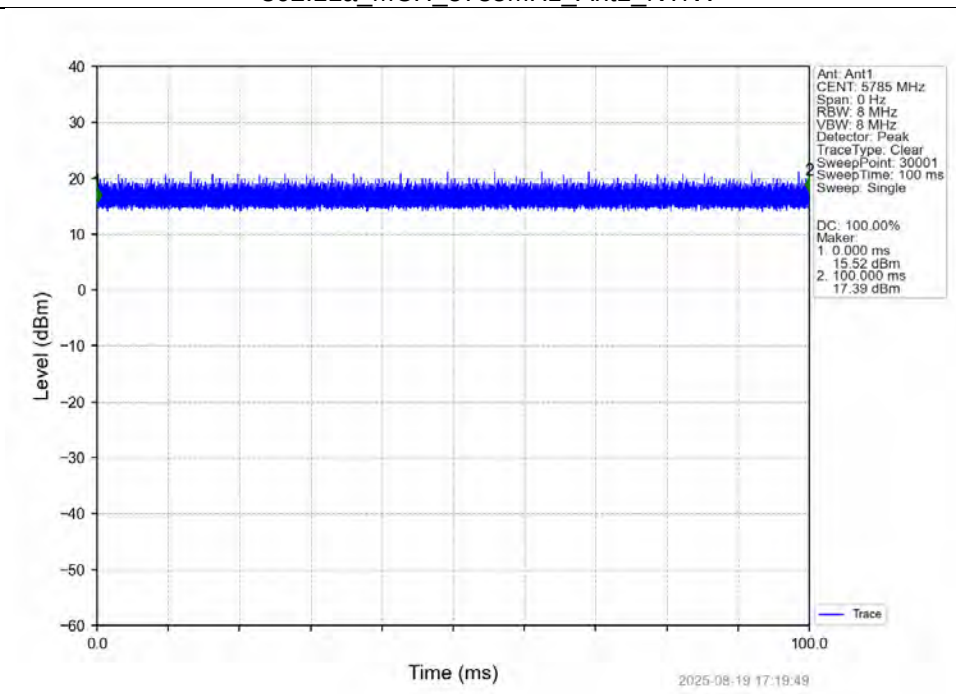
802.11a_HCH_5240MHz_Ant1_NTNV



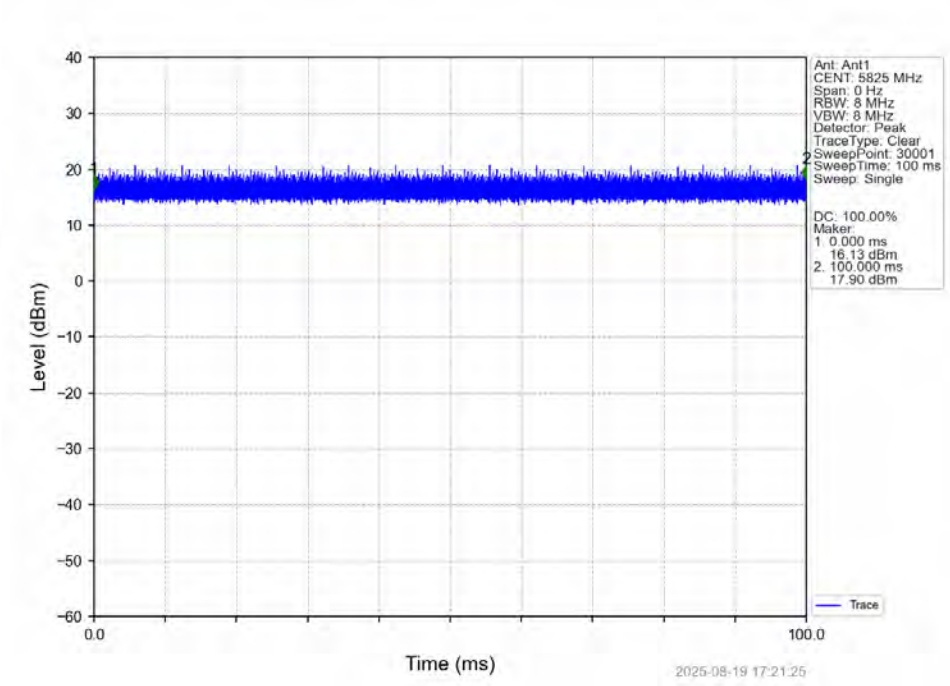
802.11a_LCH_5745MHz_Ant1_NTNV



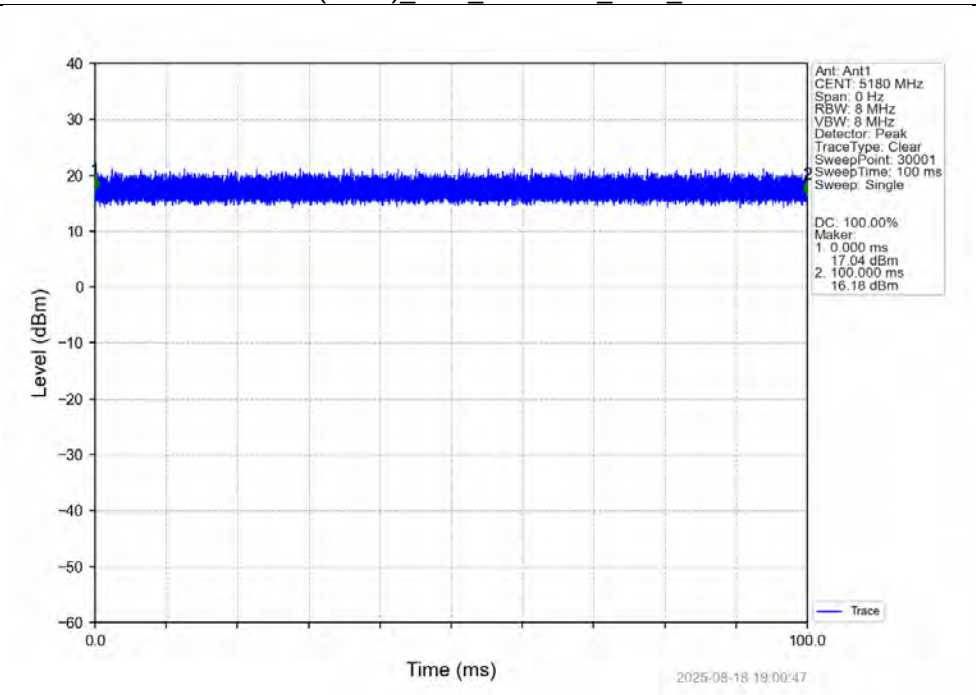
802.11a_MCH_5785MHz_Ant1_NTNV



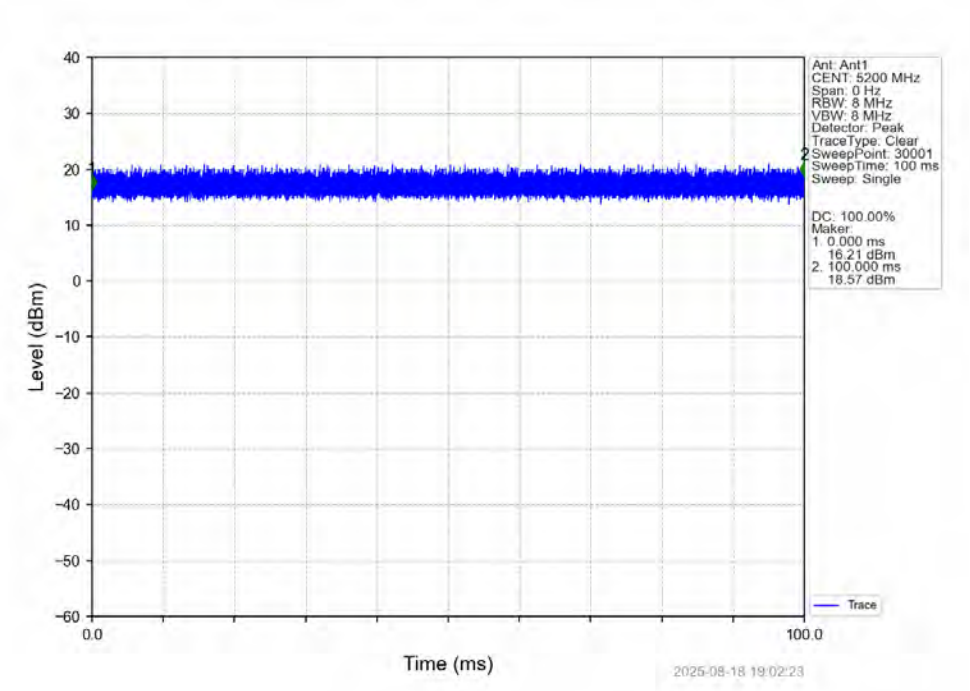
802.11a_HCH_5825MHz_Ant1_NTNV



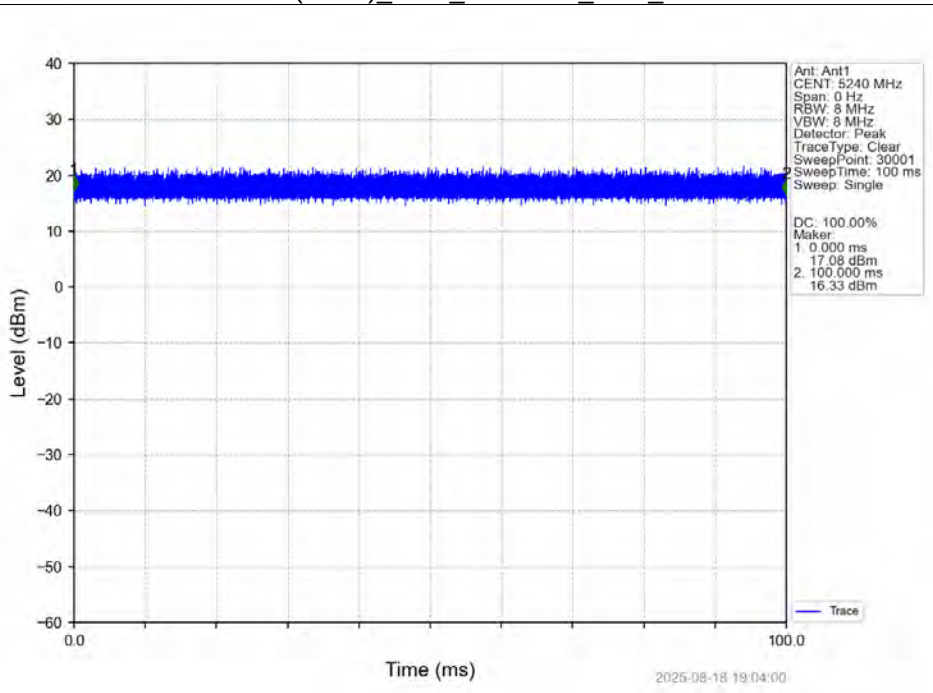
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



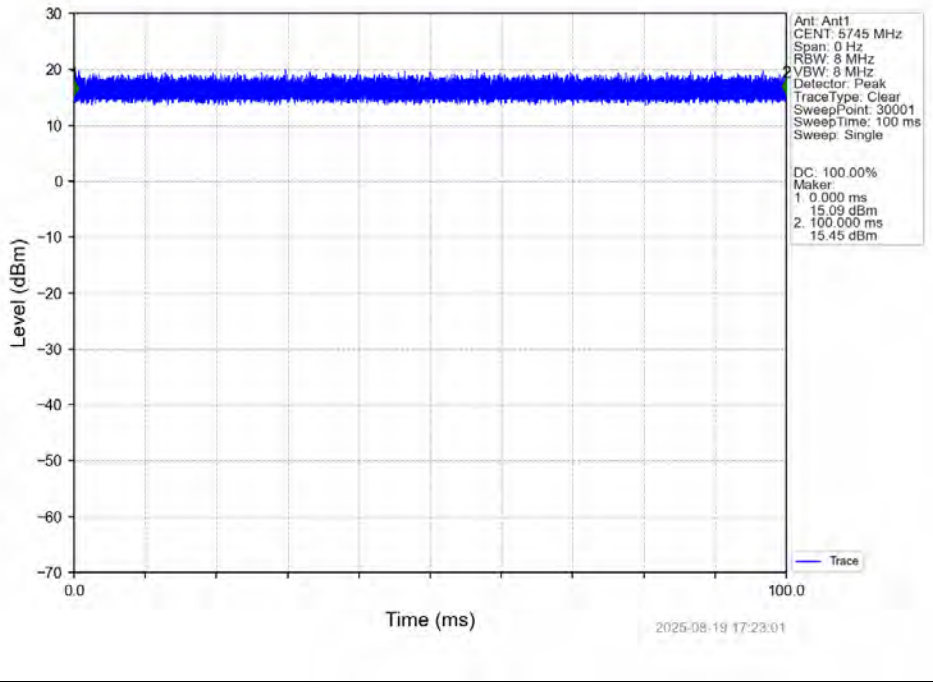
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



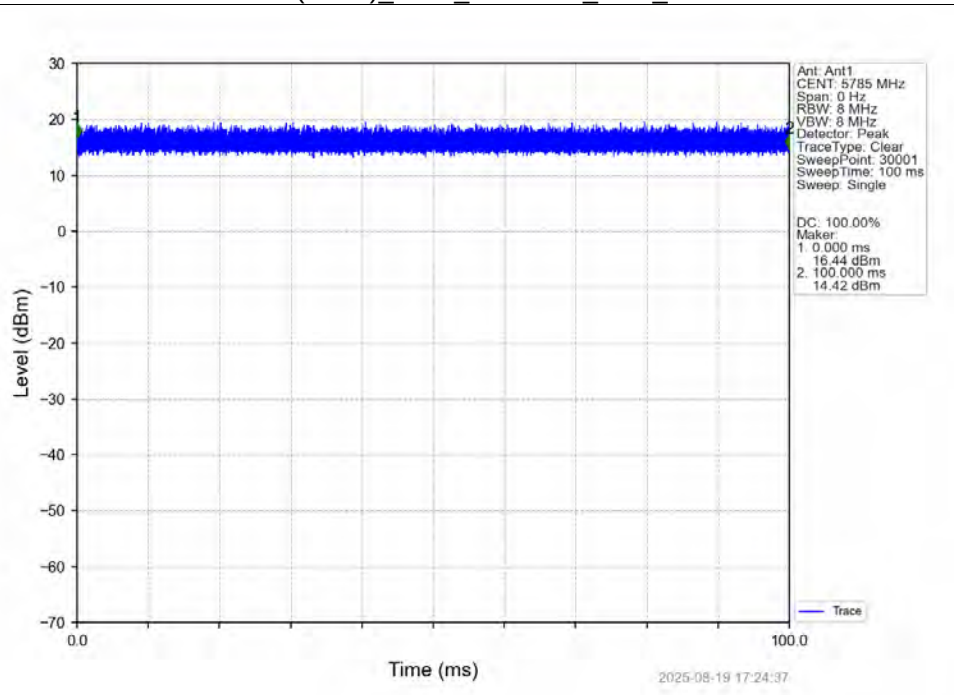
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



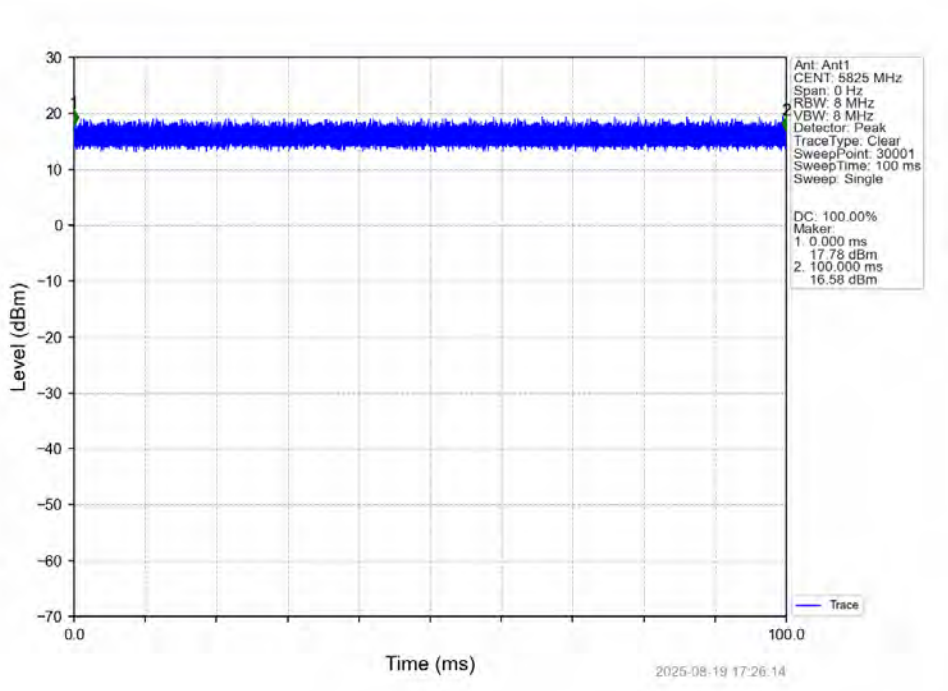
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



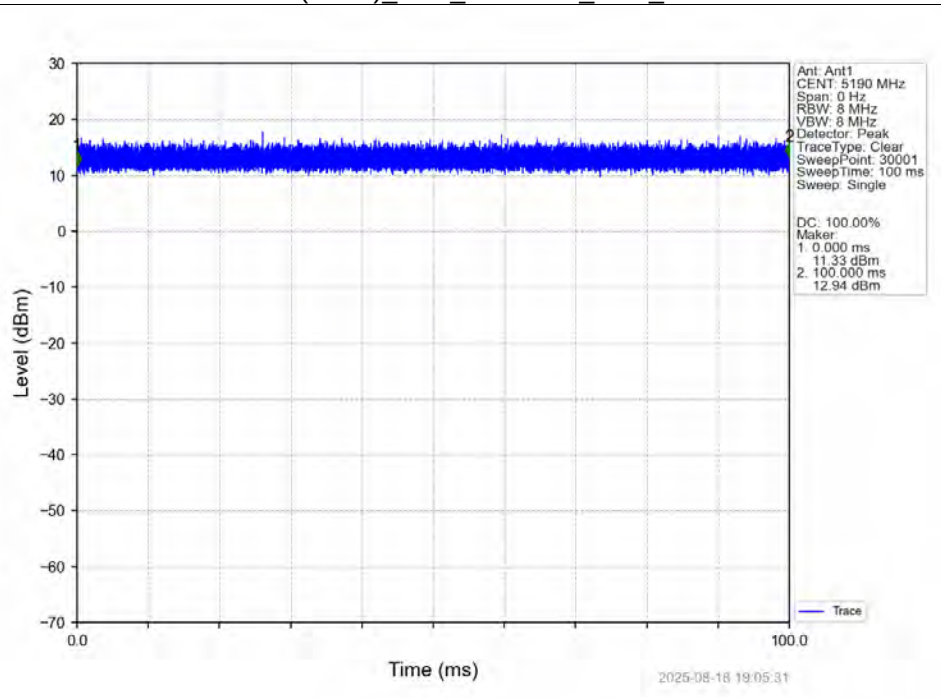
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



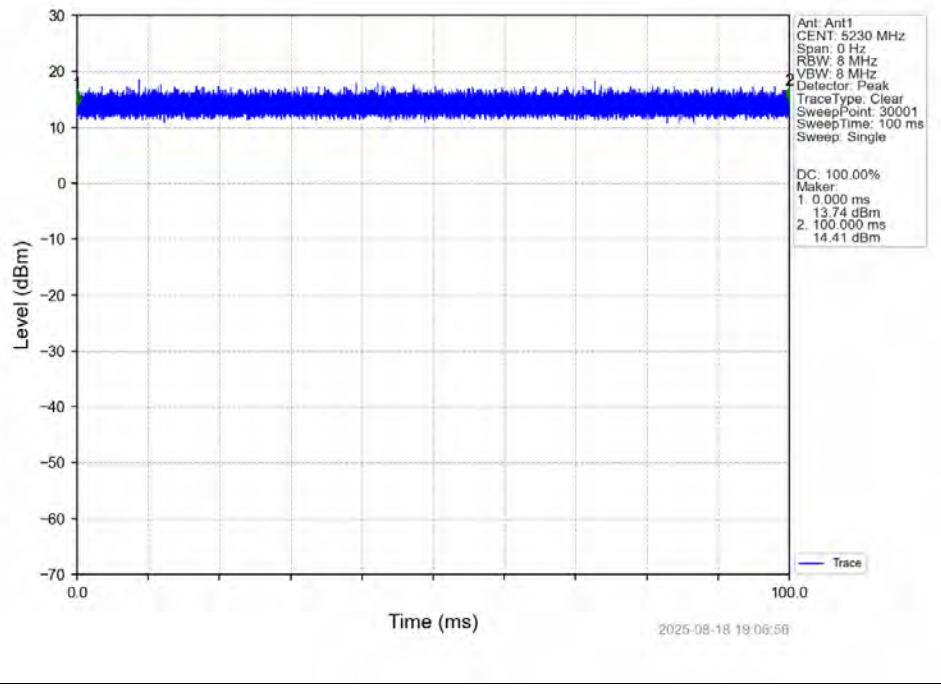
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



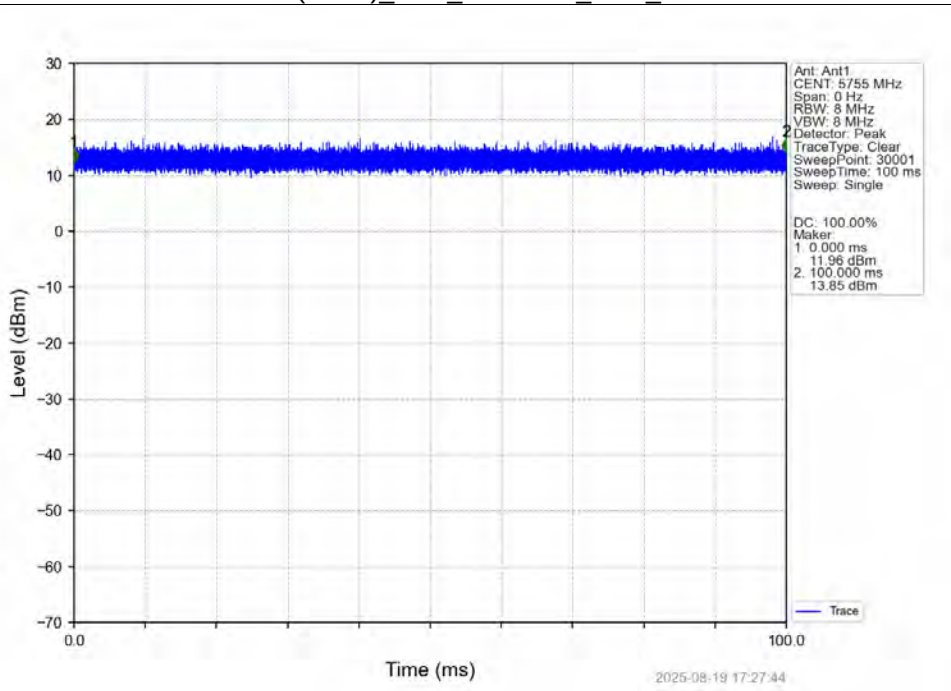
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



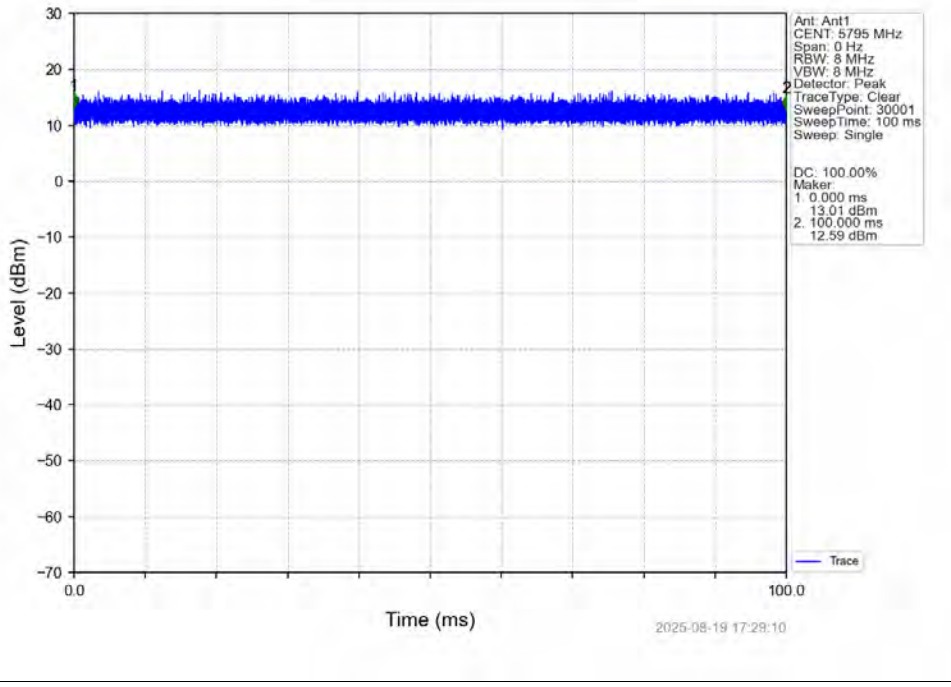
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



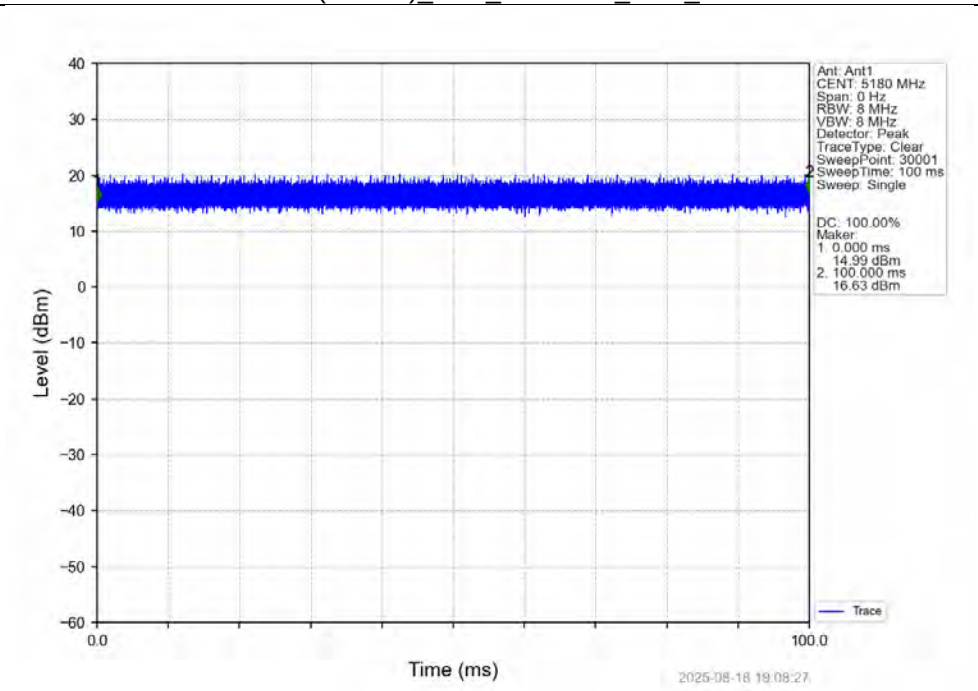
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



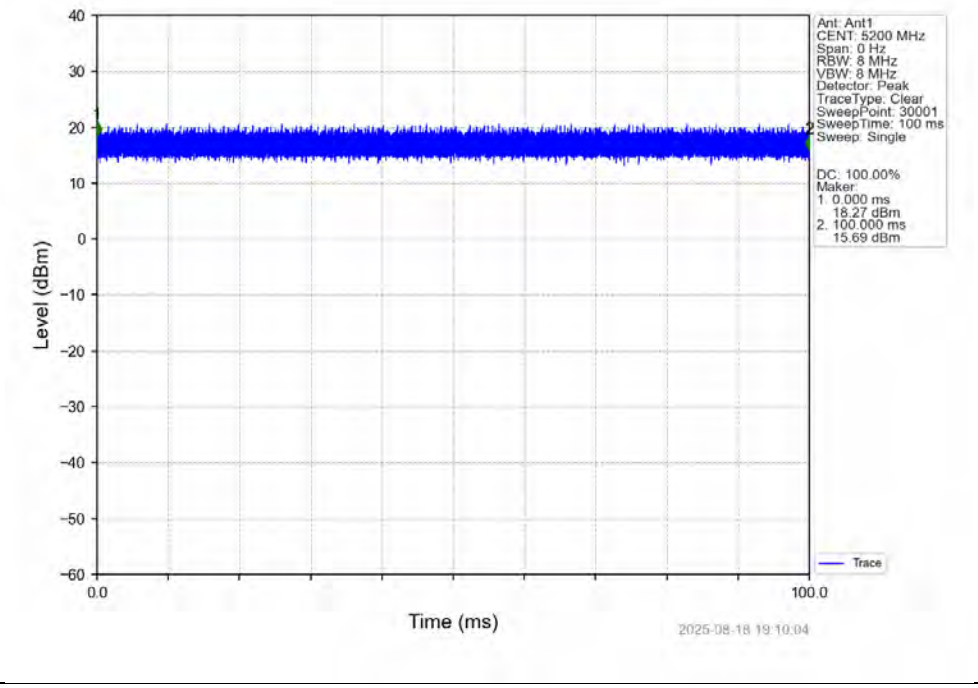
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



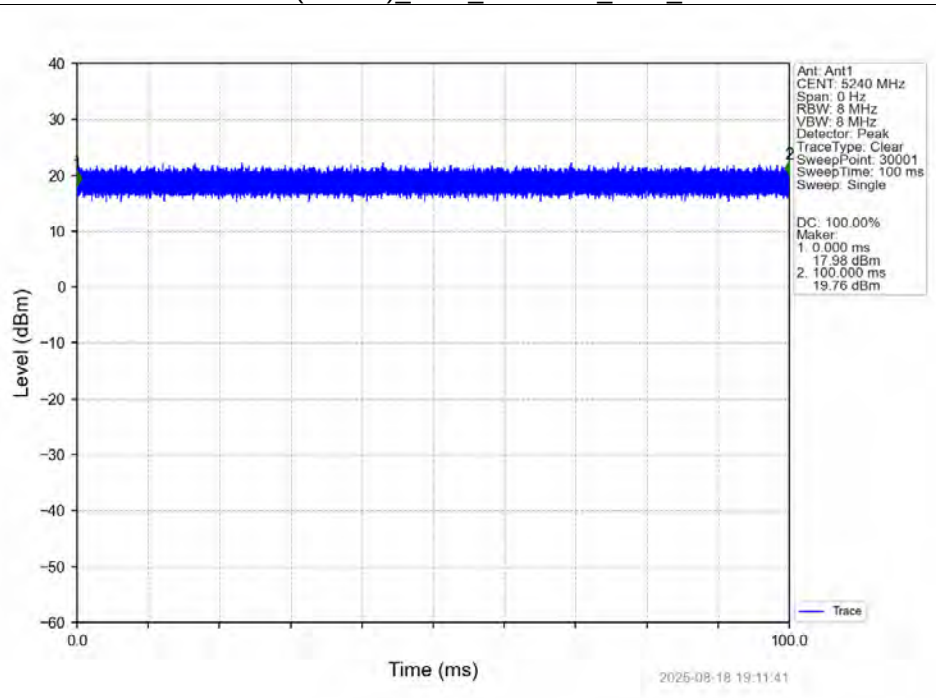
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



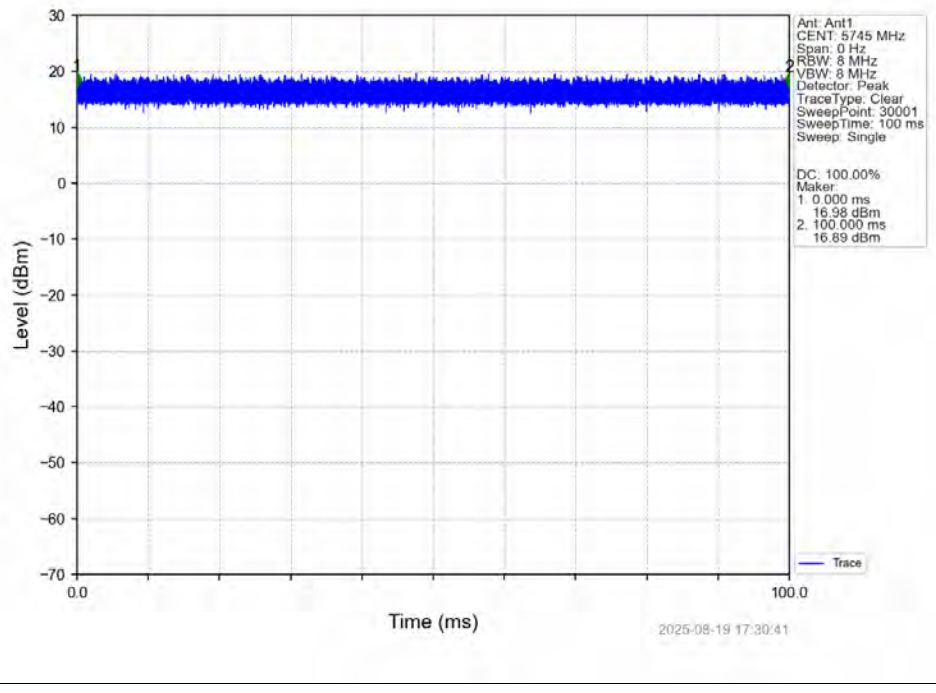
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



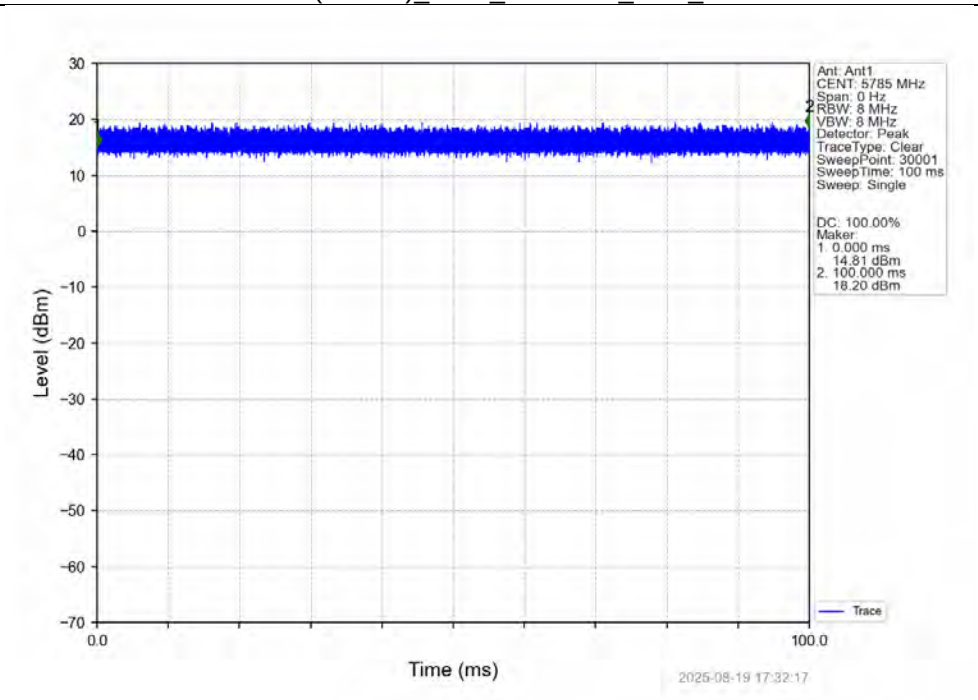
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



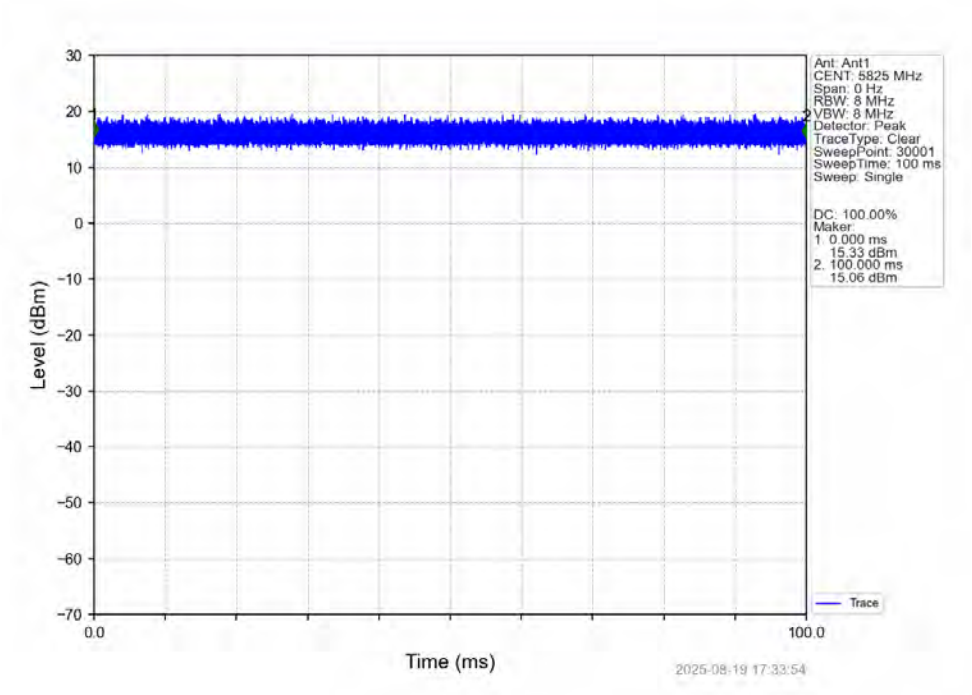
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



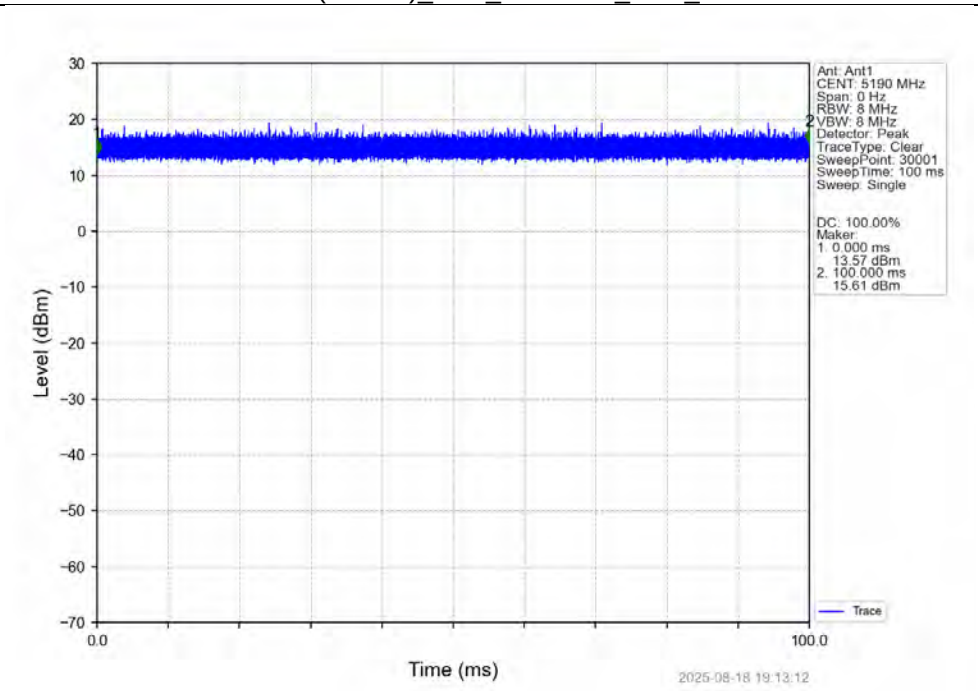
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



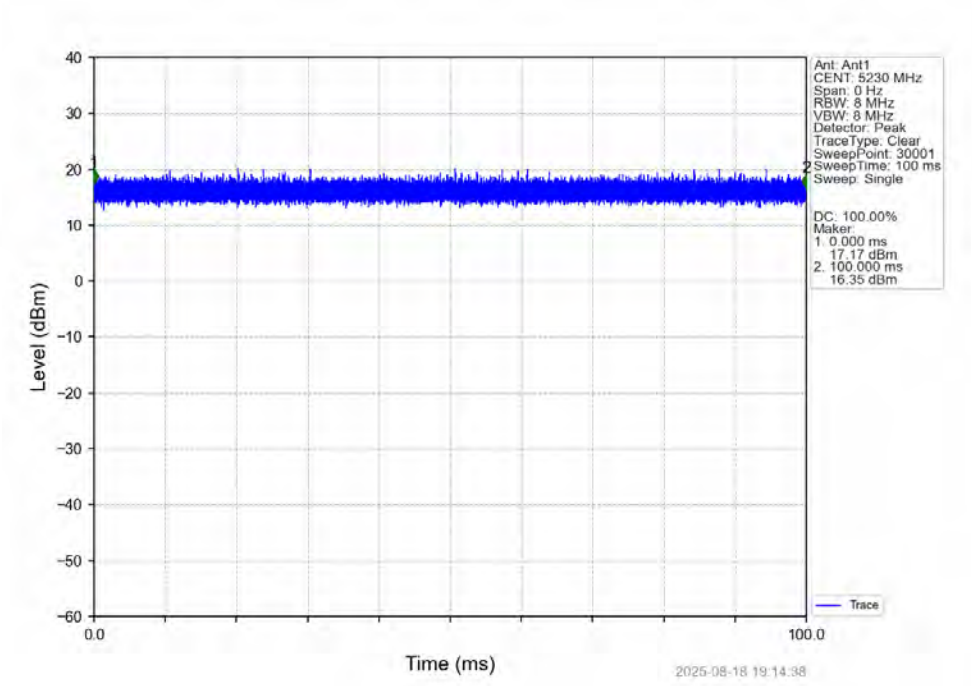
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



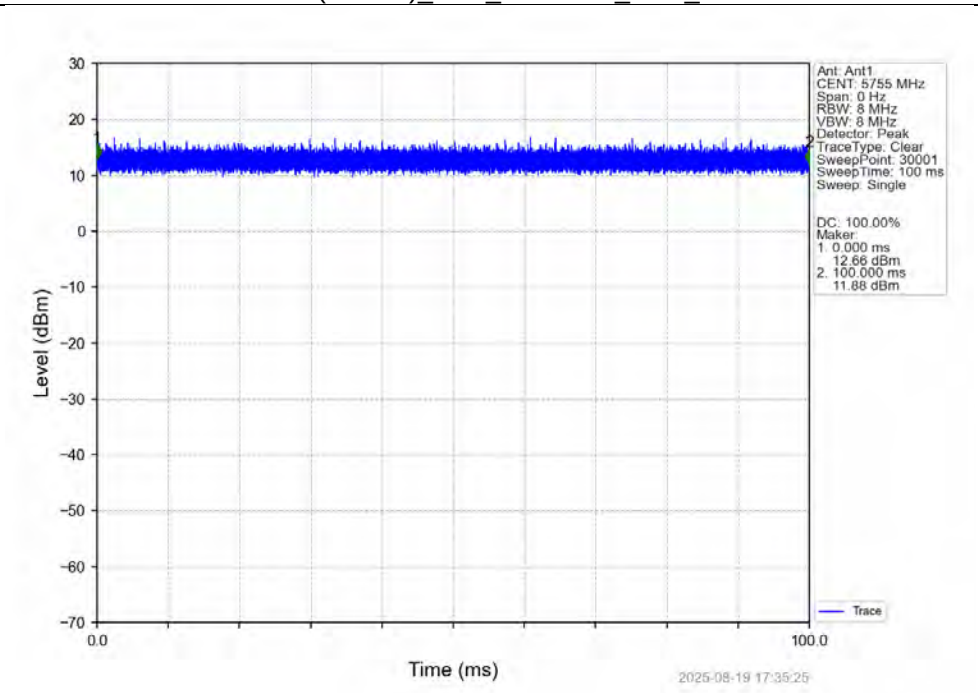
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



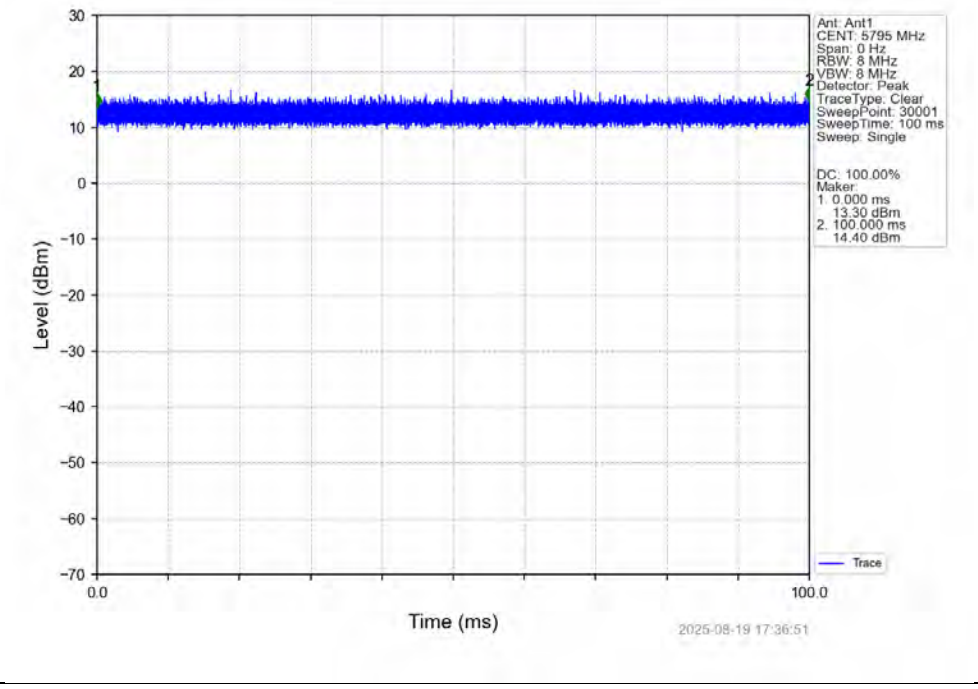
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_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	17.548	/	Pass
		5200	1	17.558	/	Pass
		5240	1	17.571	/	Pass
		5745	1	19.538	/	Pass
		5785	1	18.181	/	Pass
		5825	1	17.949	/	Pass
802.11n (HT20)	SISO	5180	1	18.430	/	Pass
		5200	1	18.400	/	Pass
		5240	1	18.413	/	Pass
		5745	1	18.879	/	Pass
		5785	1	18.797	/	Pass
		5825	1	18.751	/	Pass
802.11n (HT40)	SISO	5190	1	37.157	/	Pass
		5230	1	37.239	/	Pass
		5755	1	37.692	/	Pass
		5795	1	37.502	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.418	/	Pass
		5200	1	18.430	/	Pass
		5240	1	18.491	/	Pass
		5745	1	18.810	/	Pass
		5785	1	18.766	/	Pass
		5825	1	18.701	/	Pass
802.11ac (VHT40)	SISO	5190	1	37.267	/	Pass
		5230	1	37.343	/	Pass
		5755	1	37.600	/	Pass
		5795	1	37.346	/	Pass

2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	20.665	/	Pass
		5200	1	21.020	/	Pass
		5240	1	24.398	/	Pass
802.11n (HT20)	SISO	5180	1	21.321	/	Pass
		5200	1	21.253	/	Pass
		5240	1	21.846	/	Pass
802.11n (HT40)	SISO	5190	1	42.657	/	Pass
		5230	1	43.052	/	Pass
802.11ac (VHT20)	SISO	5180	1	21.314	/	Pass
		5200	1	21.459	/	Pass
		5240	1	21.806	/	Pass

802.11ac (VHT40)	SISO	5190	1	42.768	/	Pass
		5230	1	43.309	/	Pass

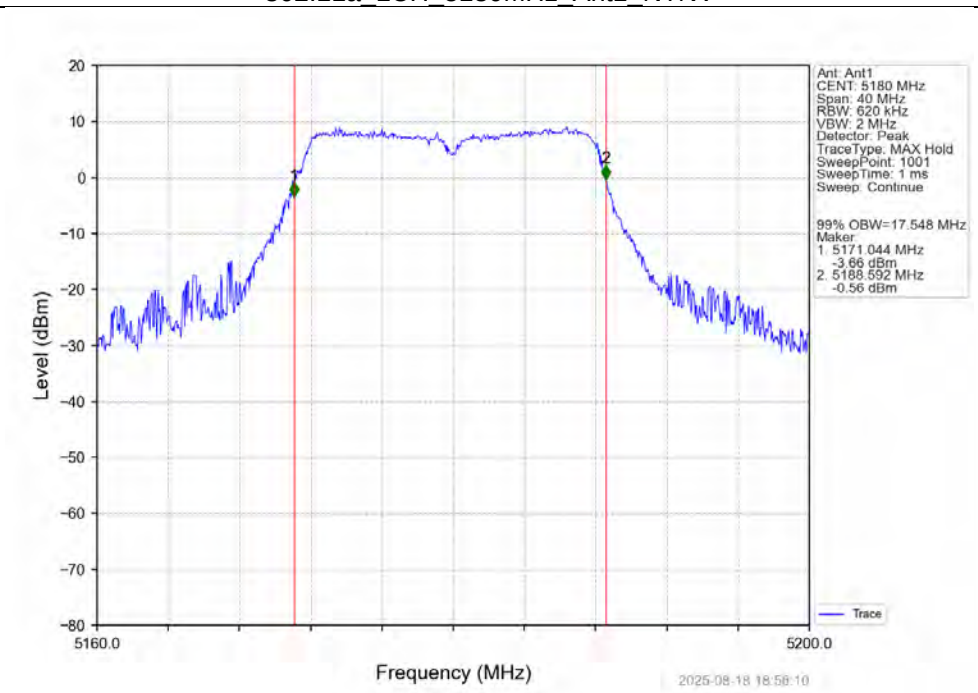
2.1.3 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.542	>=0.5	Pass
		5785	1	16.551	>=0.5	Pass
		5825	1	16.563	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.751	>=0.5	Pass
		5785	1	17.750	>=0.5	Pass
		5825	1	17.718	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	36.534	>=0.5	Pass
		5795	1	36.535	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.776	>=0.5	Pass
		5785	1	17.818	>=0.5	Pass
		5825	1	17.783	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	36.504	>=0.5	Pass
		5795	1	36.518	>=0.5	Pass

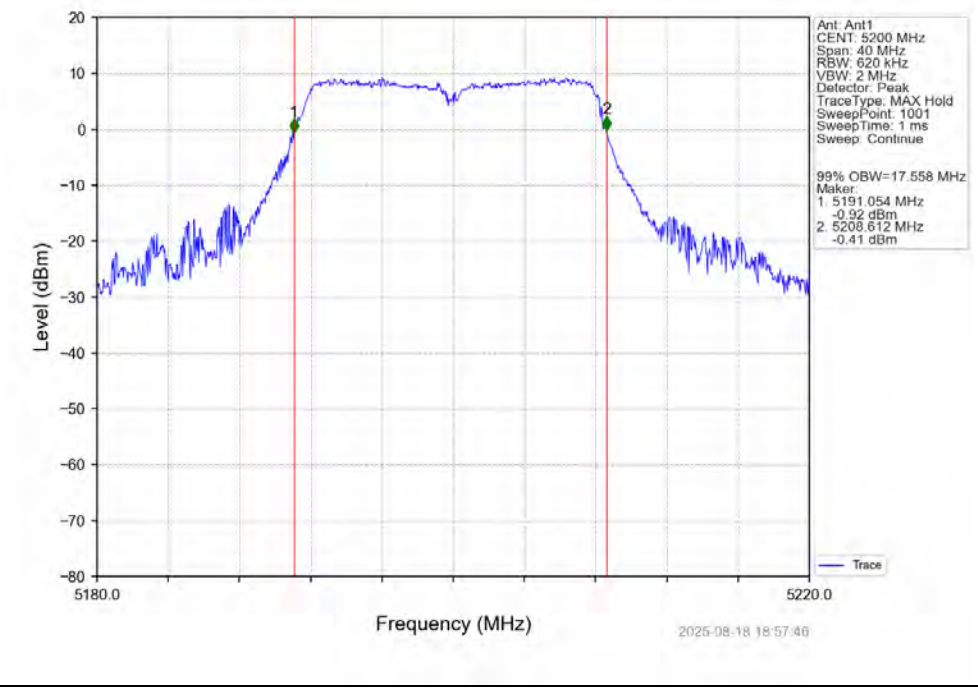
2.2 Test Graph

2.2.1 OBW

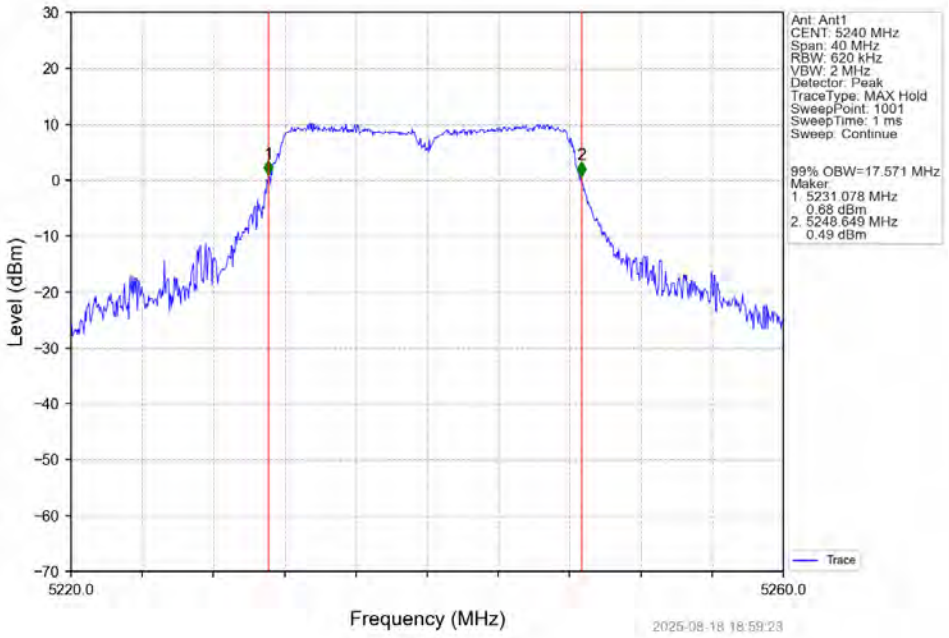
802.11a_LCH_5180MHz_Ant1_NTNV



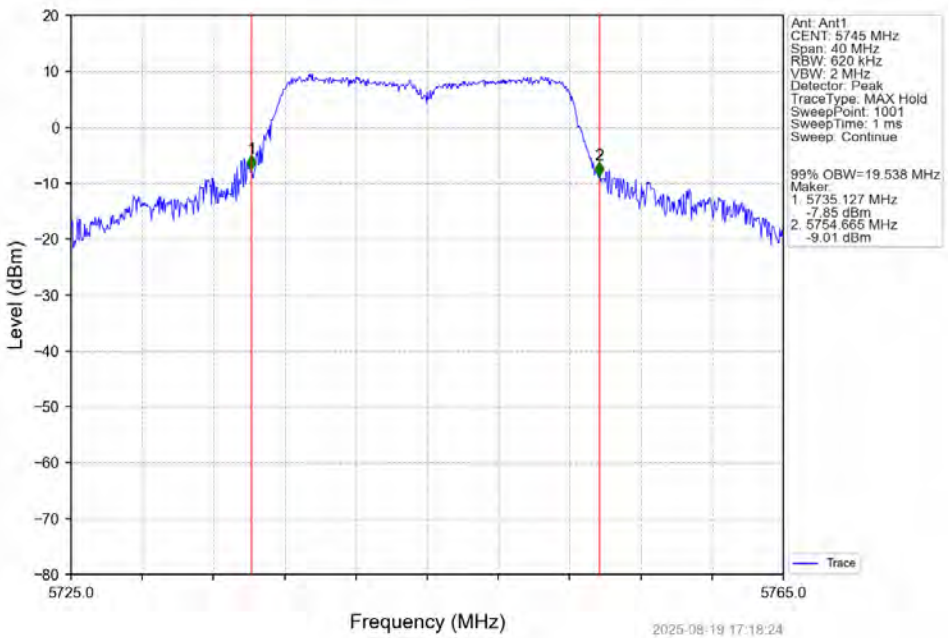
802.11a_MCH_5200MHz_Ant1_NTNV



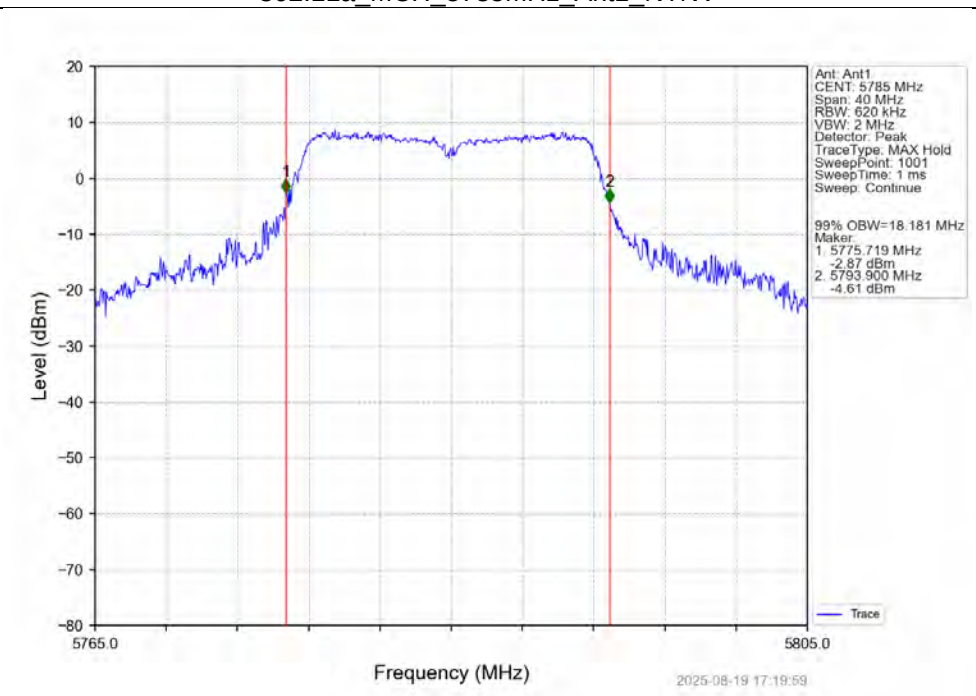
802.11a_HCH_5240MHz_Ant1_NTNV



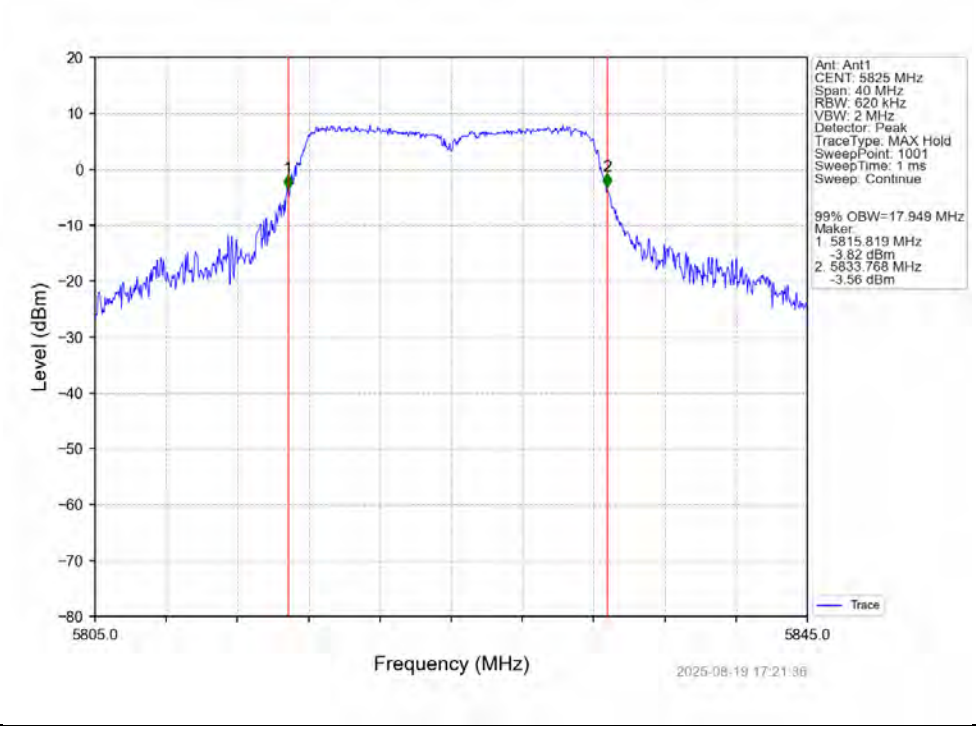
802.11a_LCH_5745MHz_Ant1_NTNV



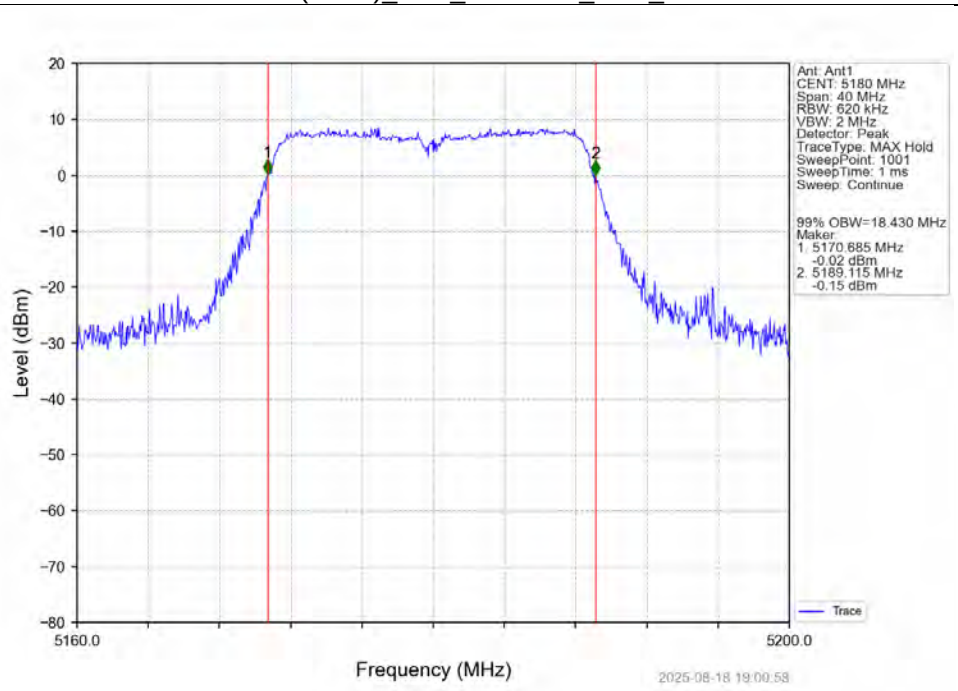
802.11a_MCH_5785MHz_Ant1_NTNV



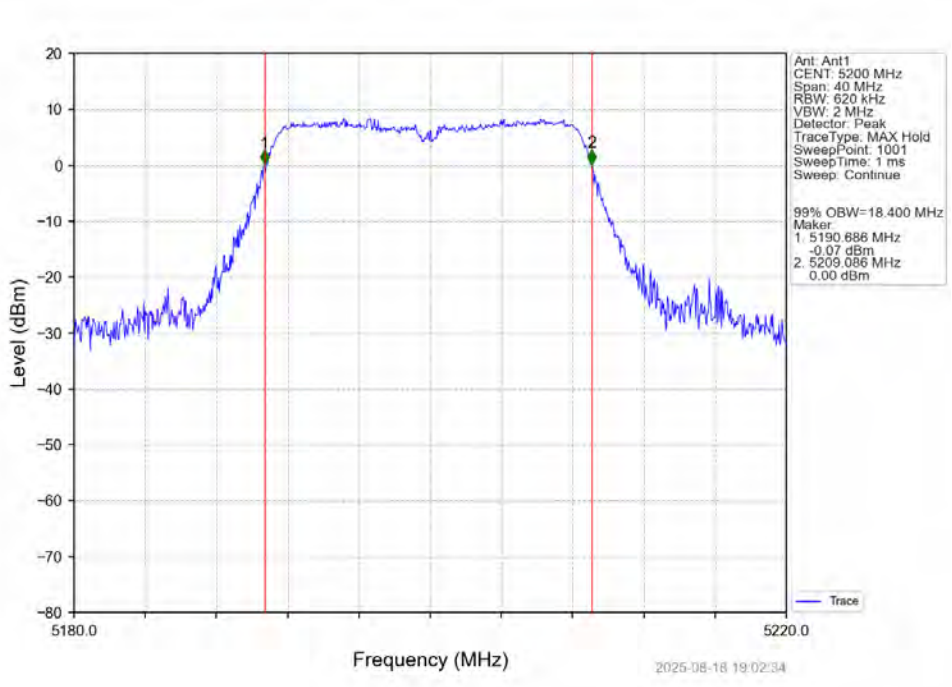
802.11a_HCH_5825MHz_Ant1_NTNV



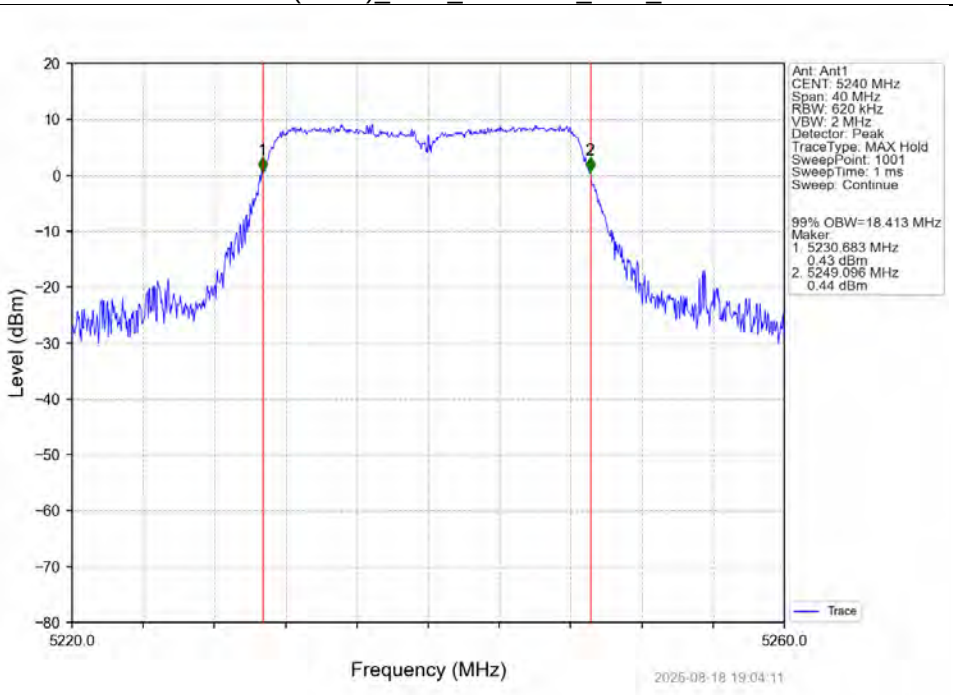
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



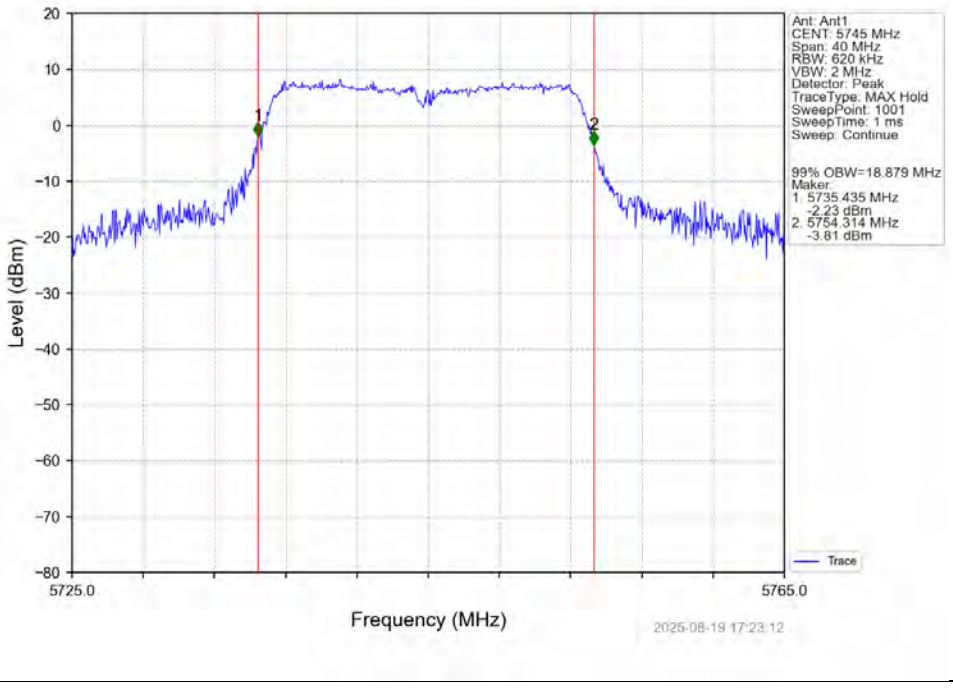
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



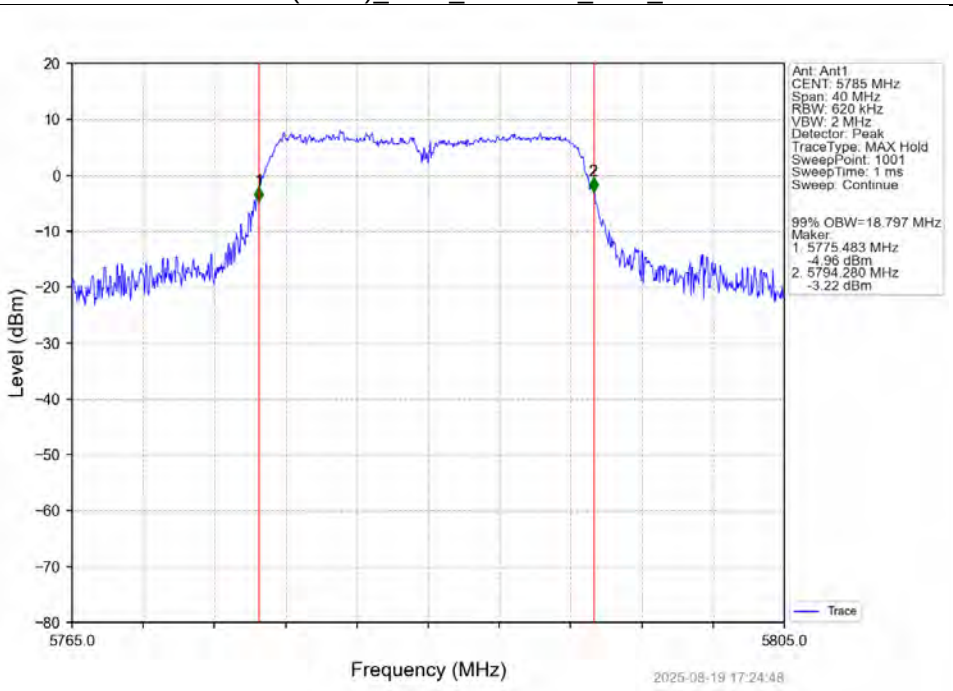
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



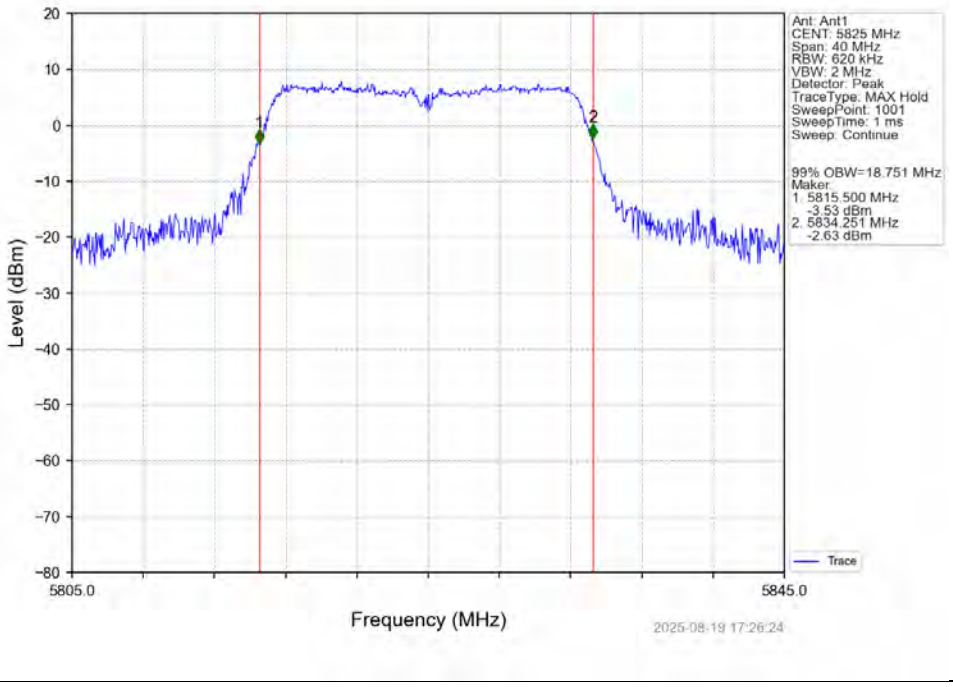
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



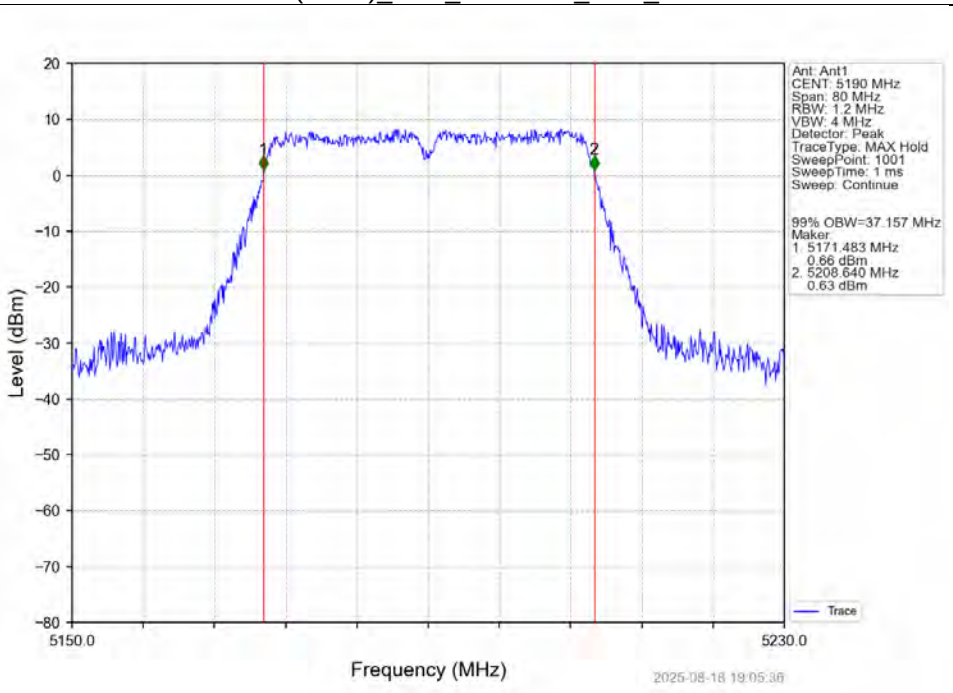
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



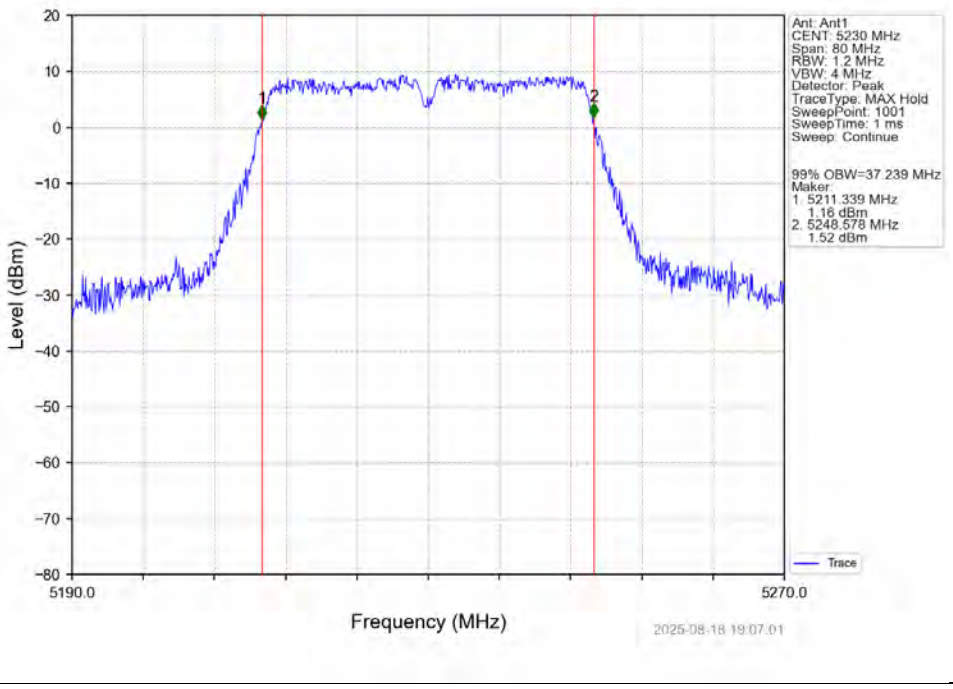
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



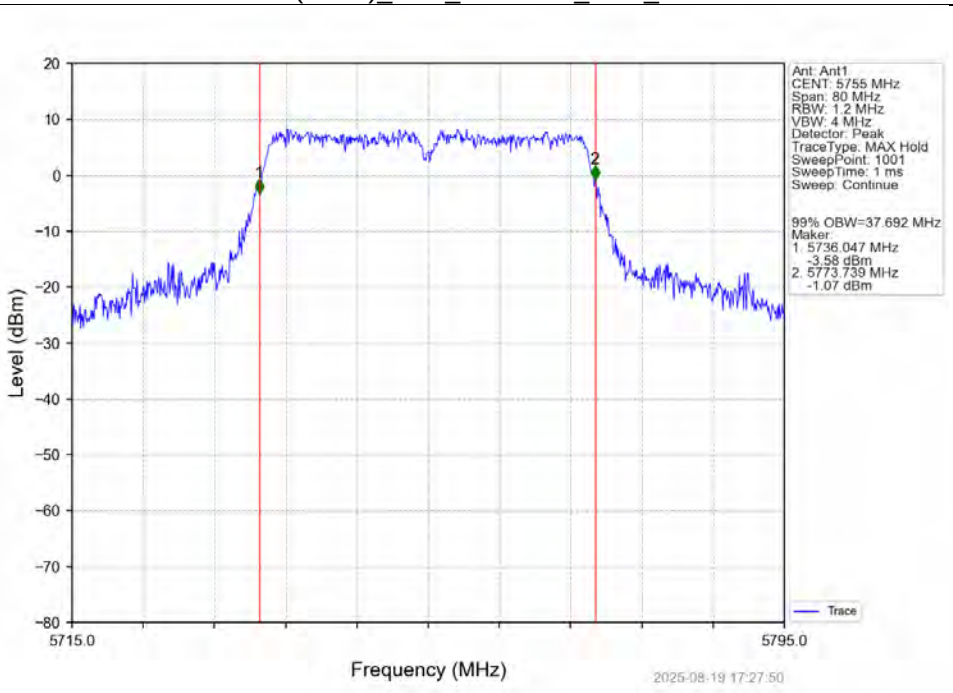
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



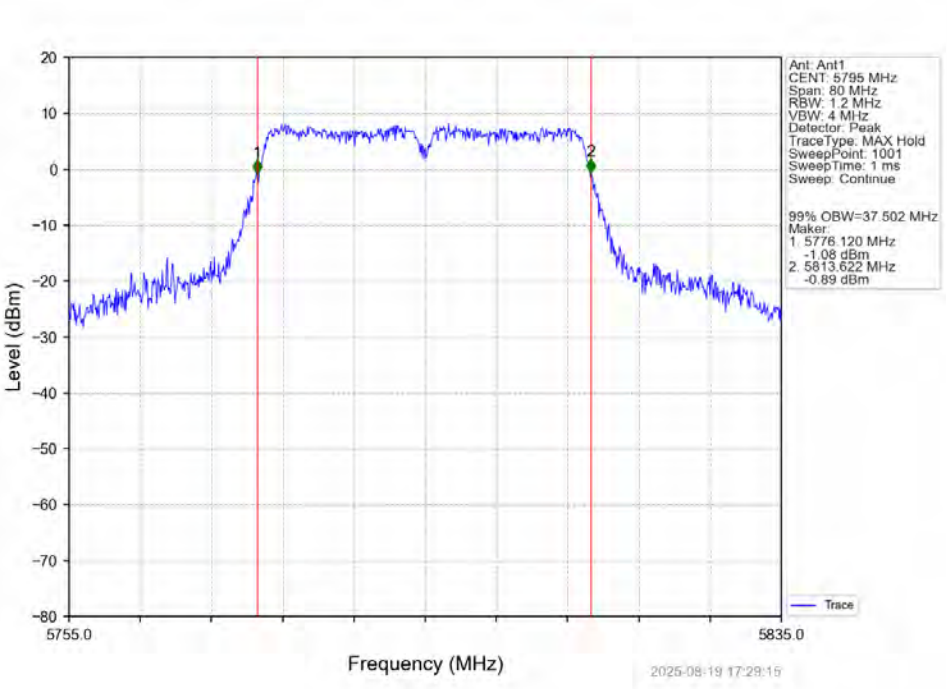
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



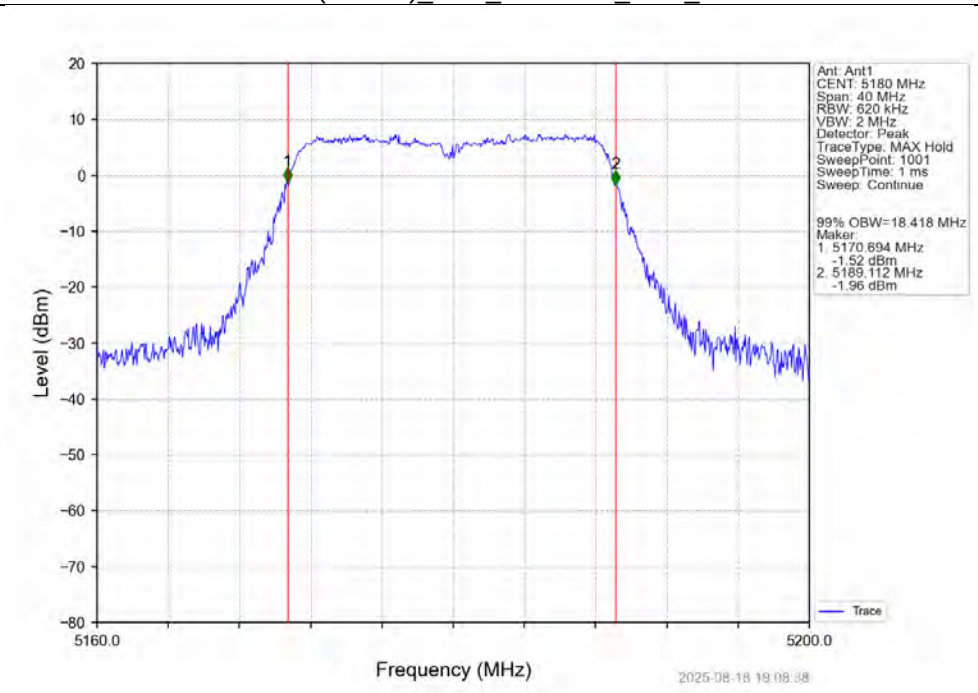
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



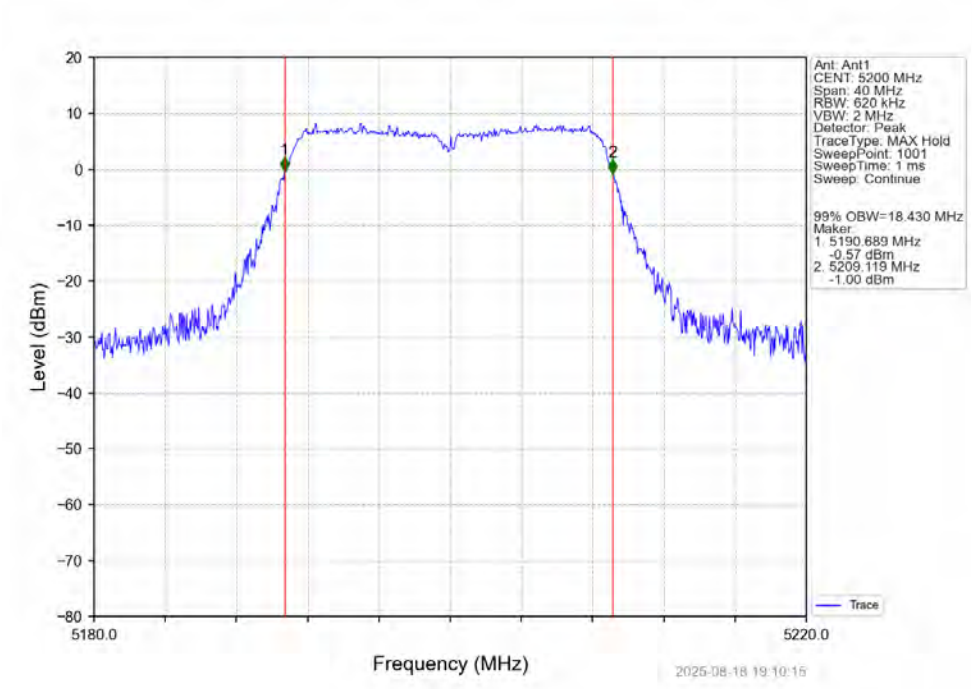
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



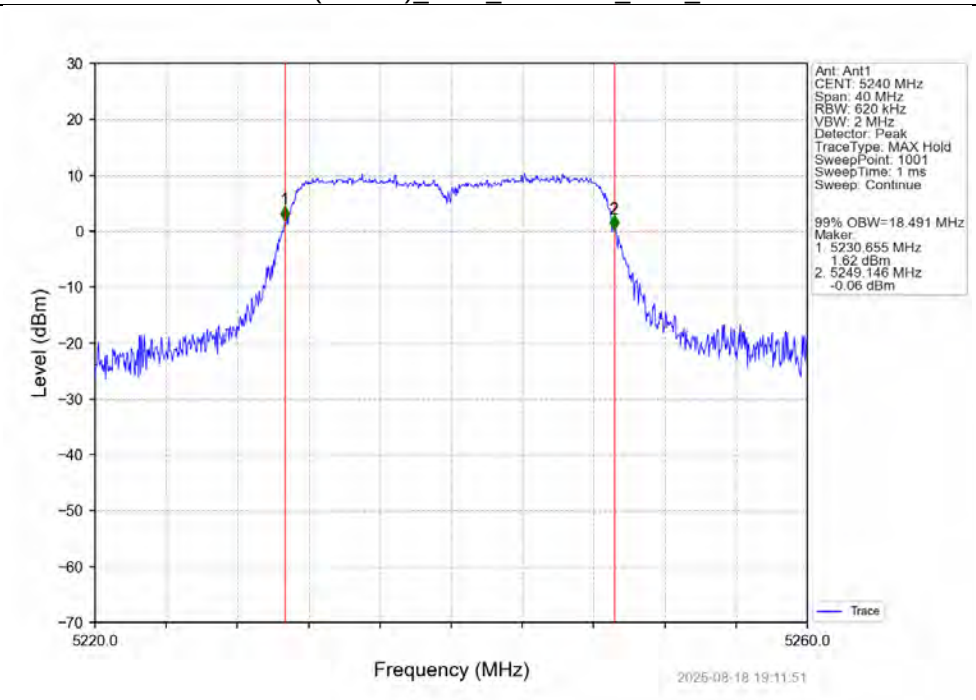
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



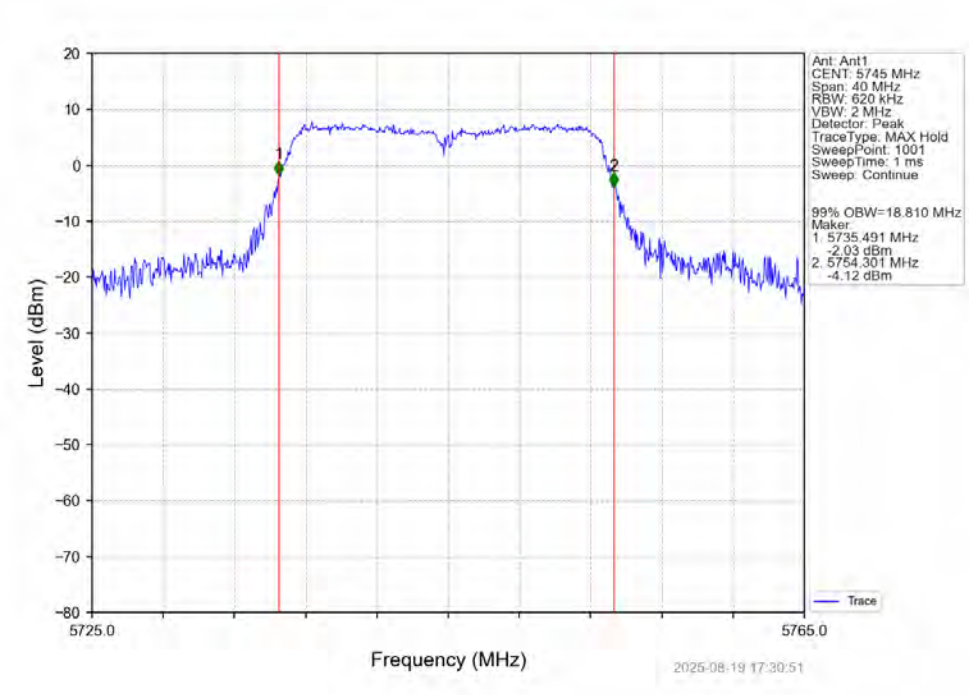
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



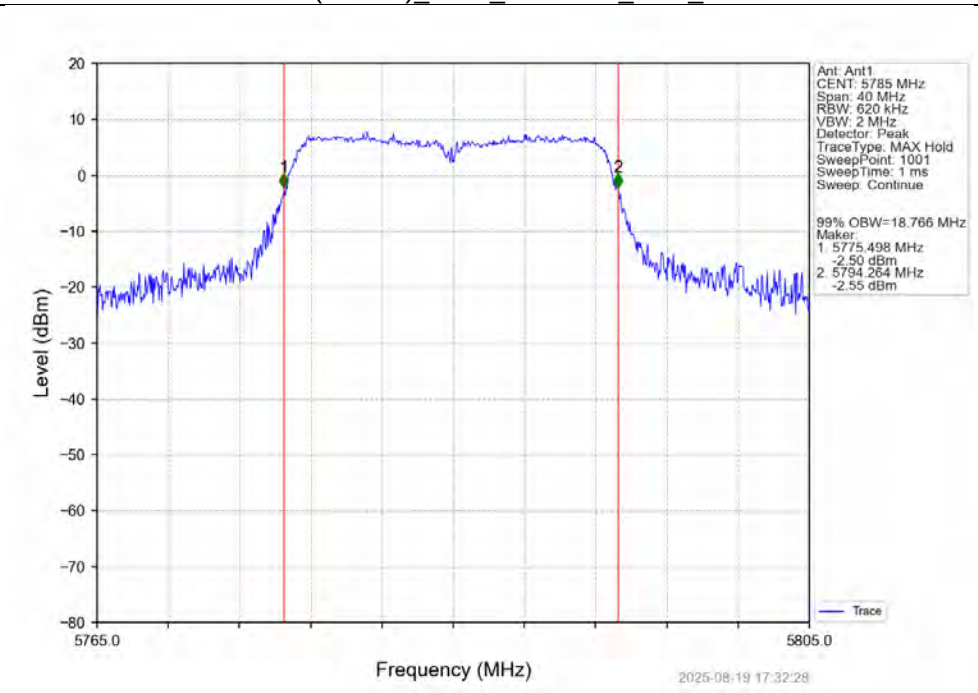
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



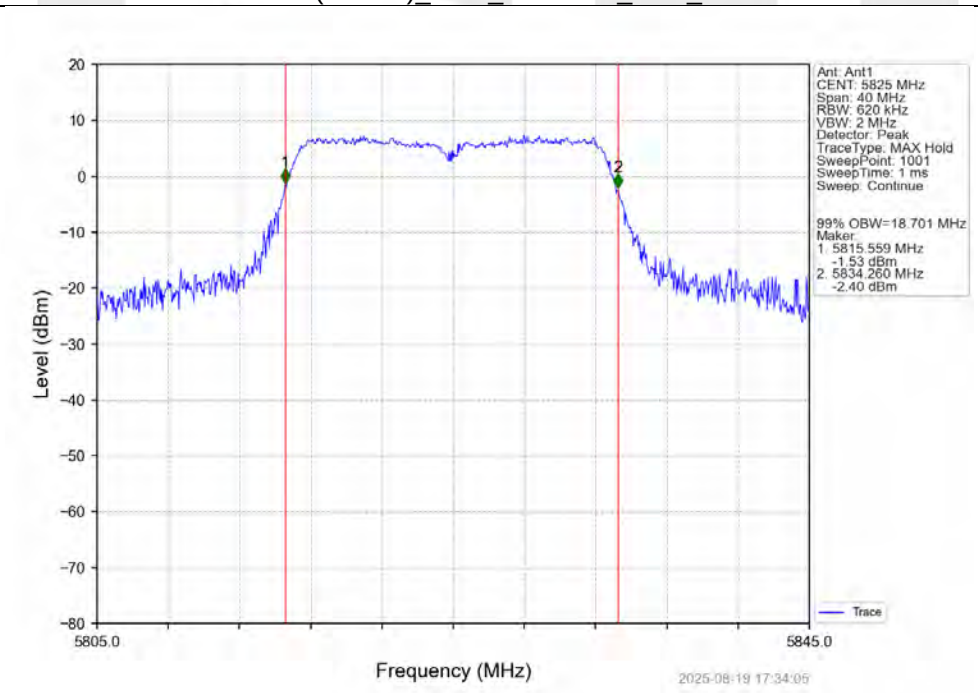
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



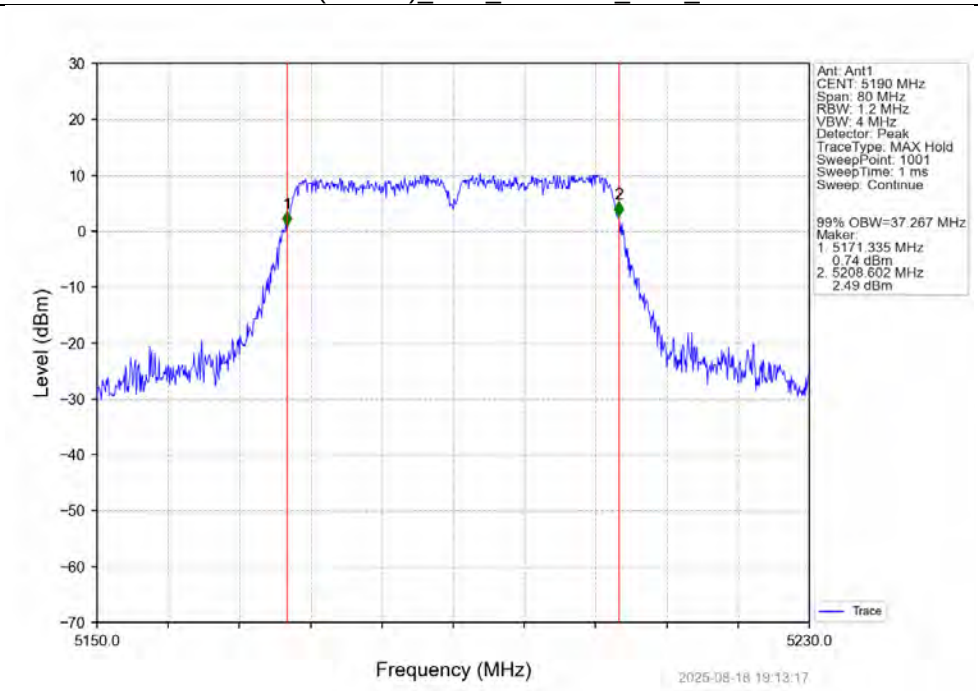
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



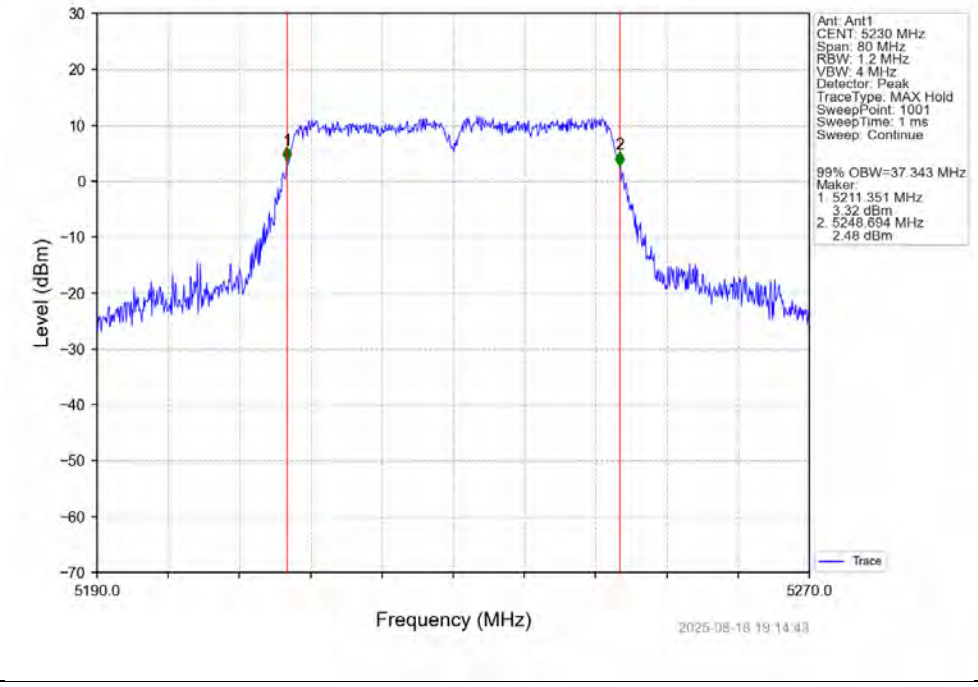
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



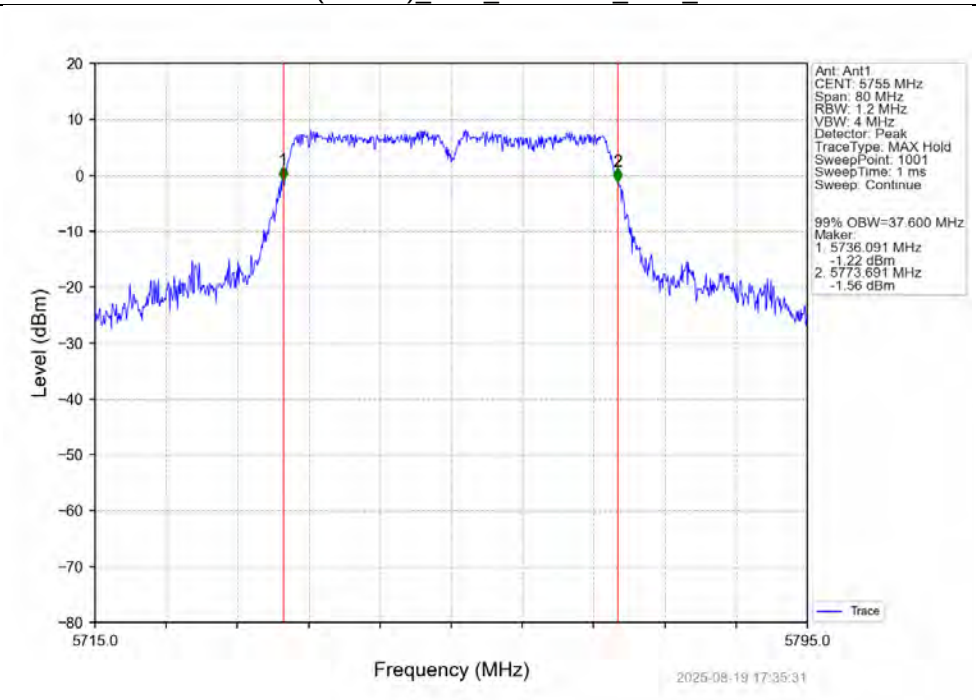
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



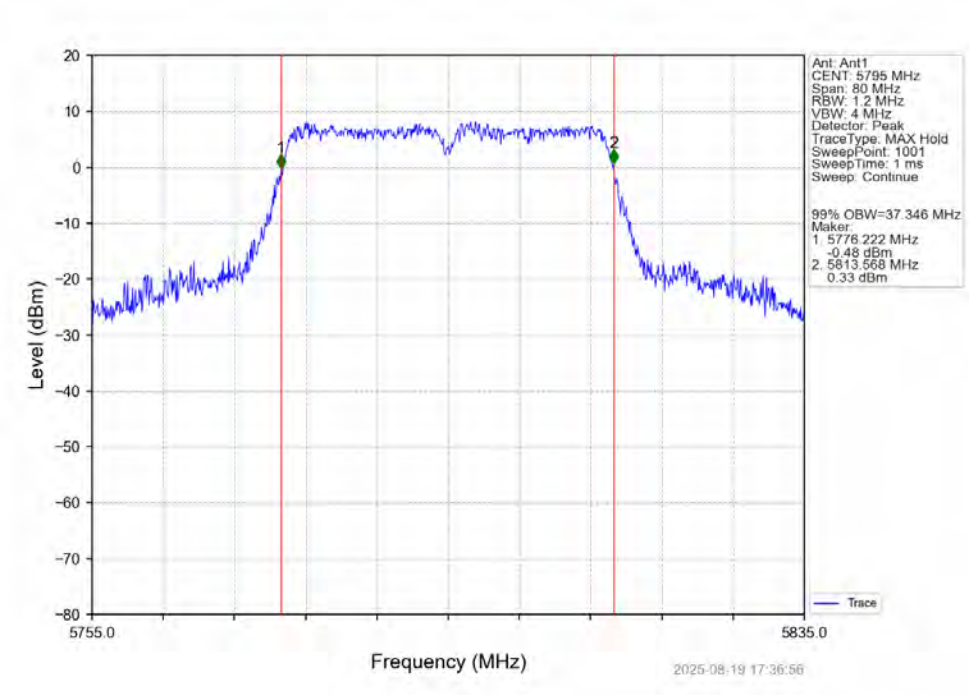
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

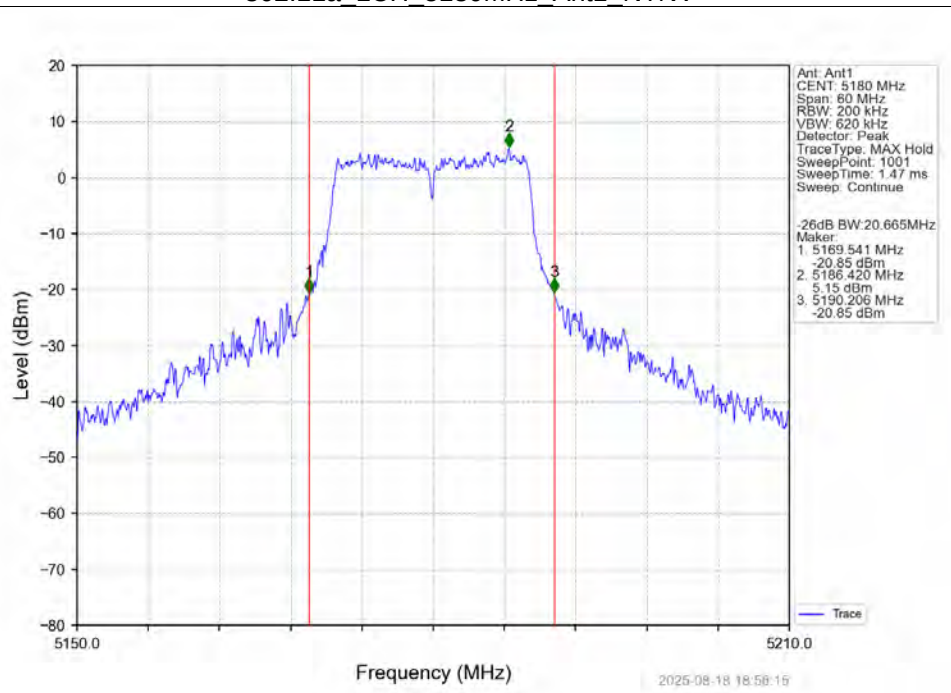


802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

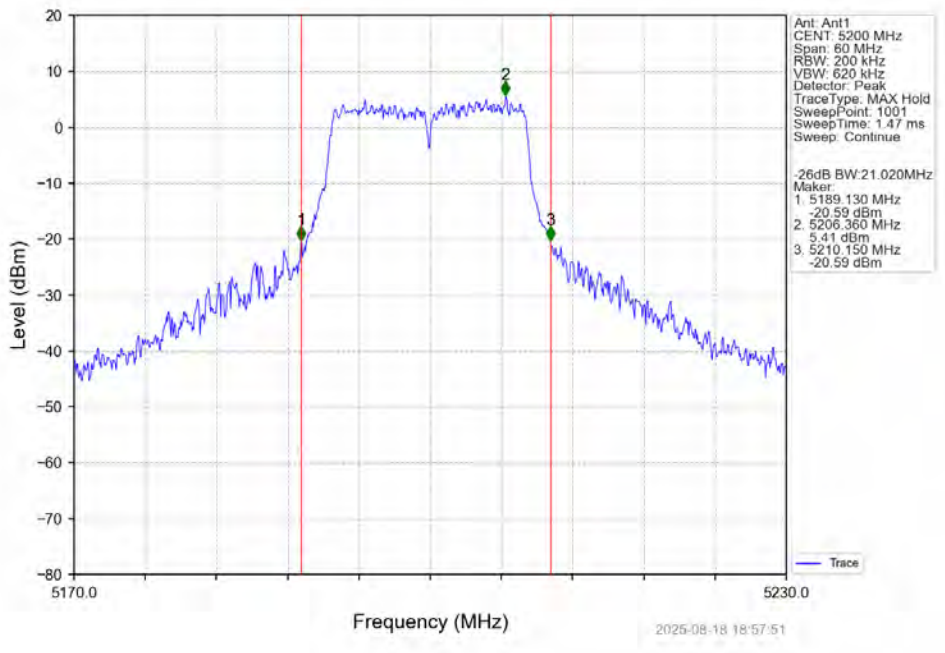


2.2.2 26dB BW

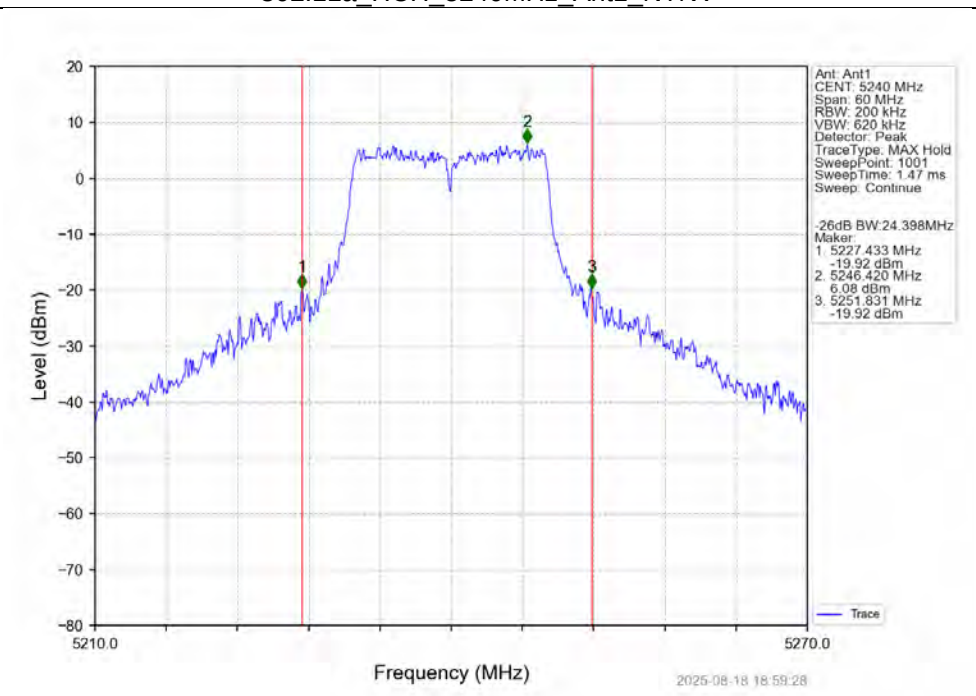
802.11a_LCH_5180MHz_Ant1_NTNV



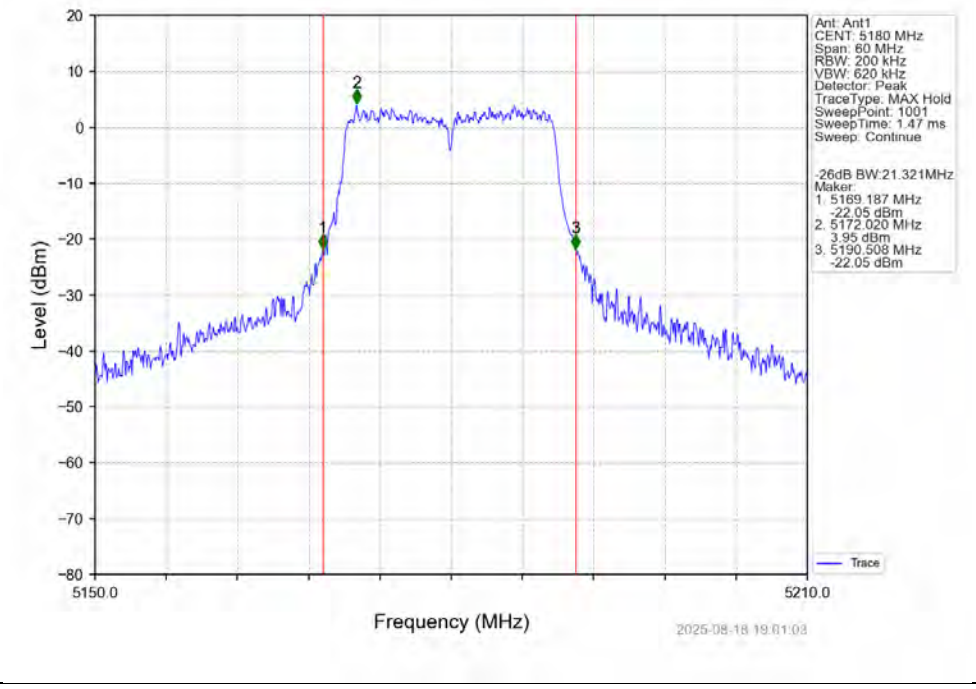
802.11a_MCH_5200MHz_Ant1_NTNV



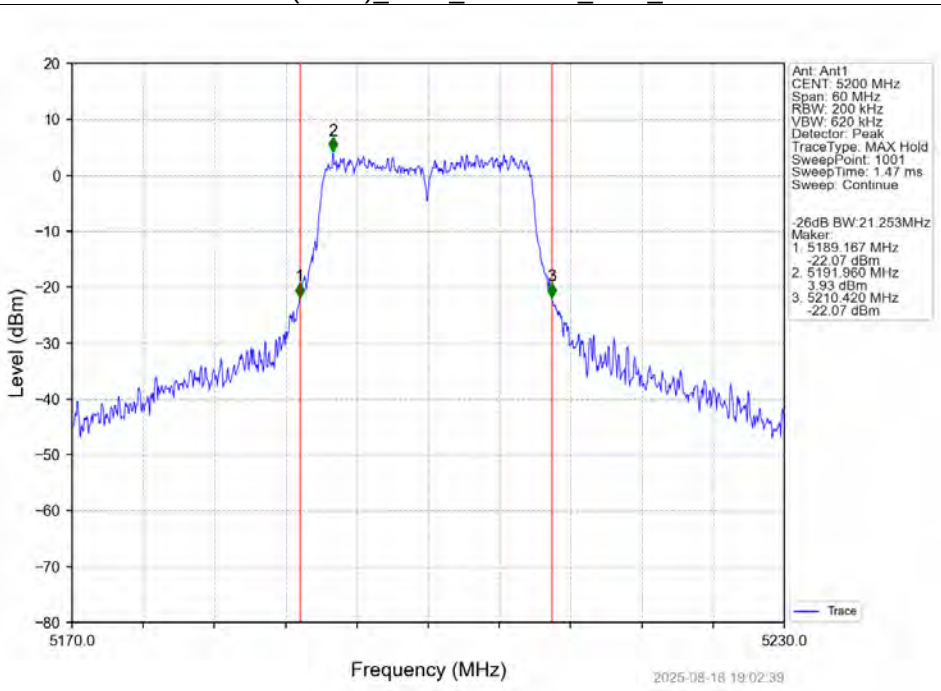
802.11a_HCH_5240MHz_Ant1_NTNV



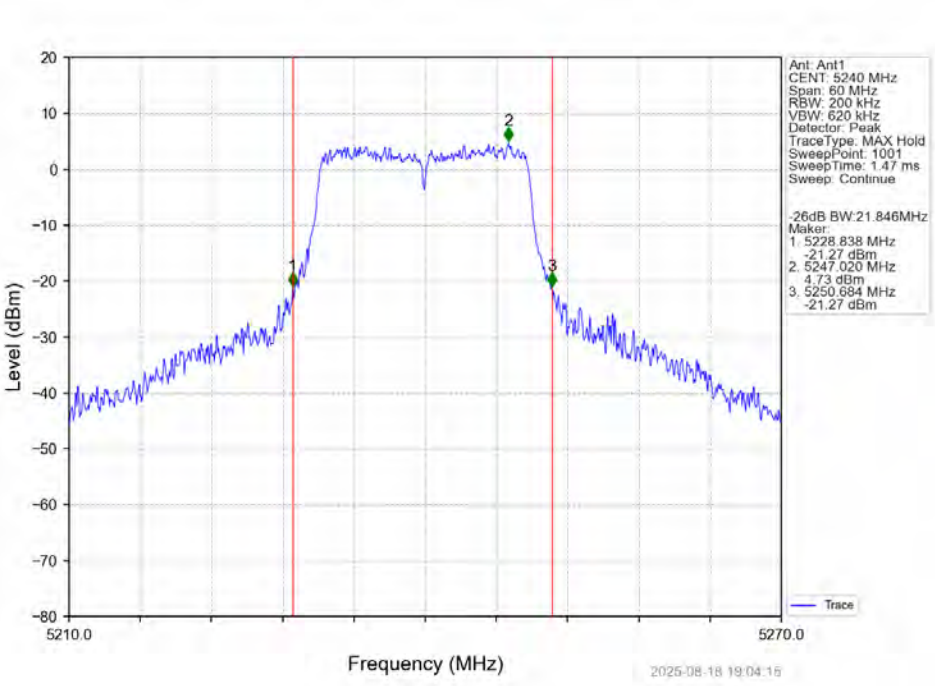
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



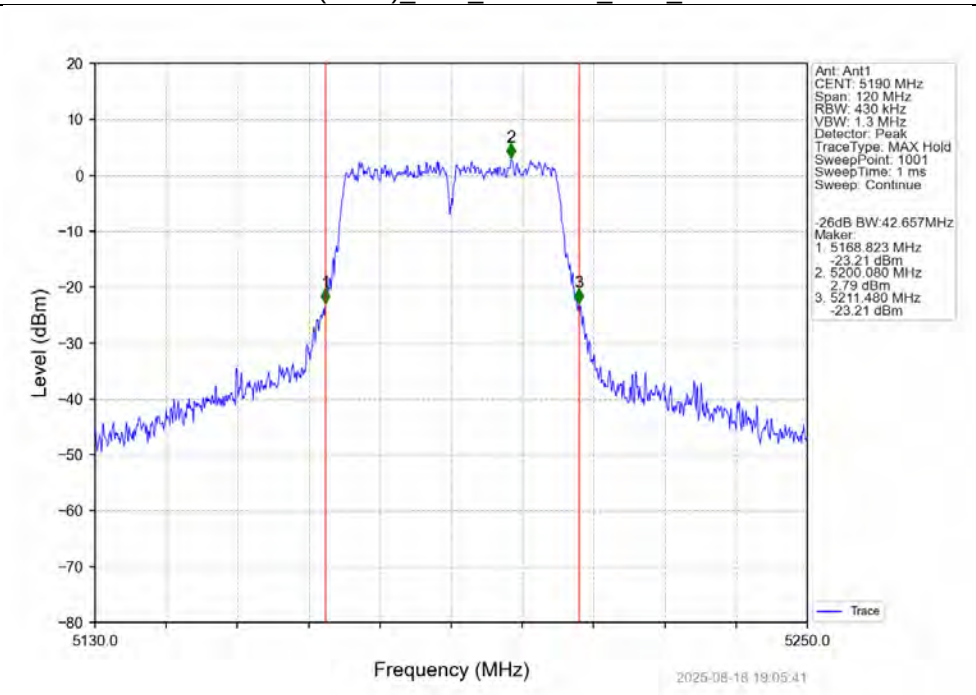
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



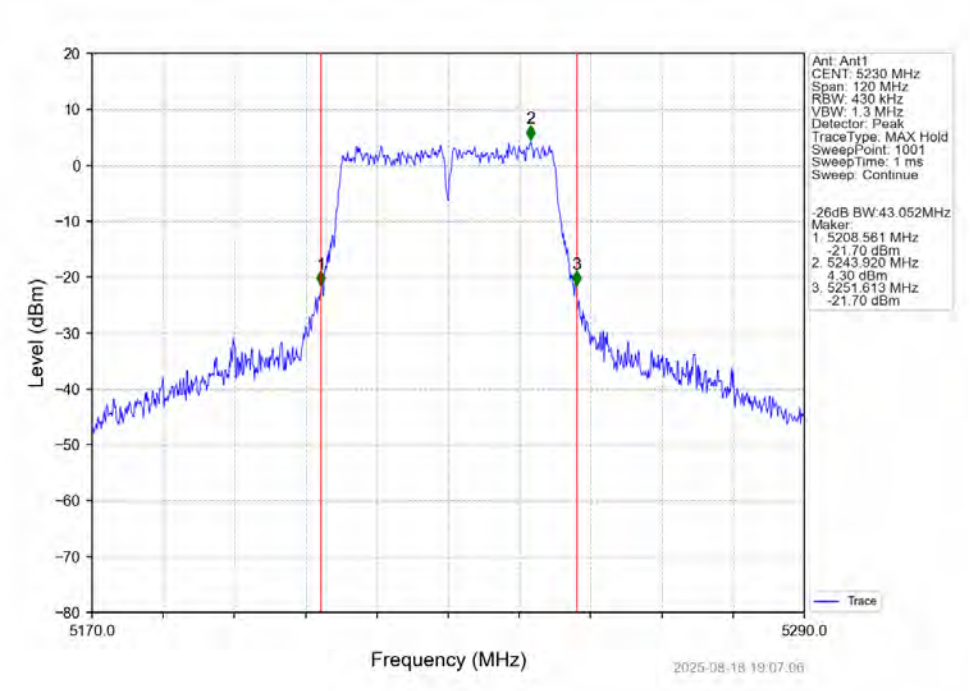
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



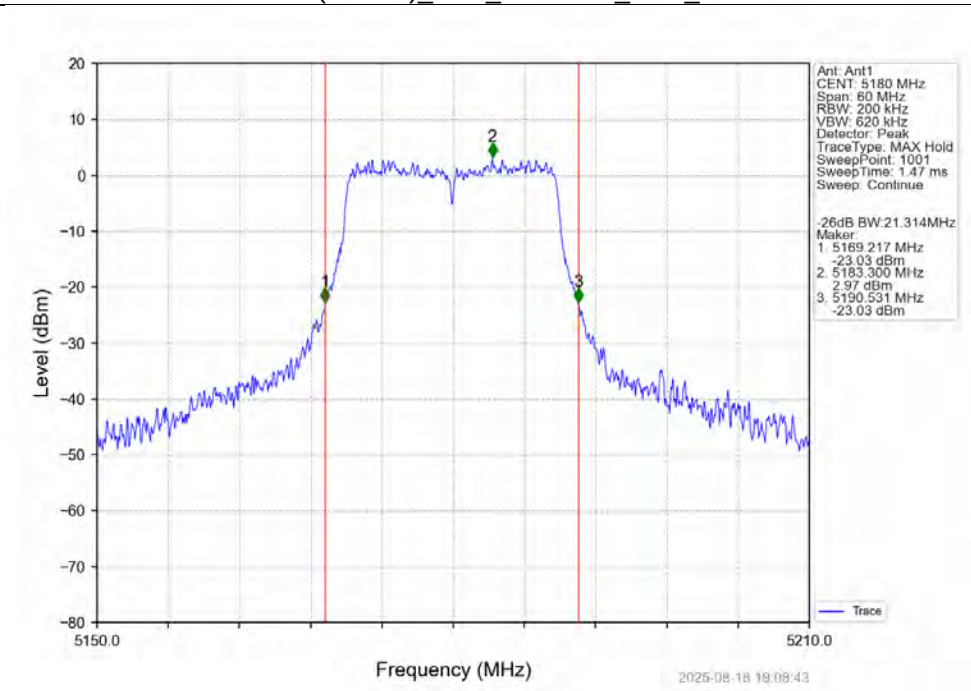
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



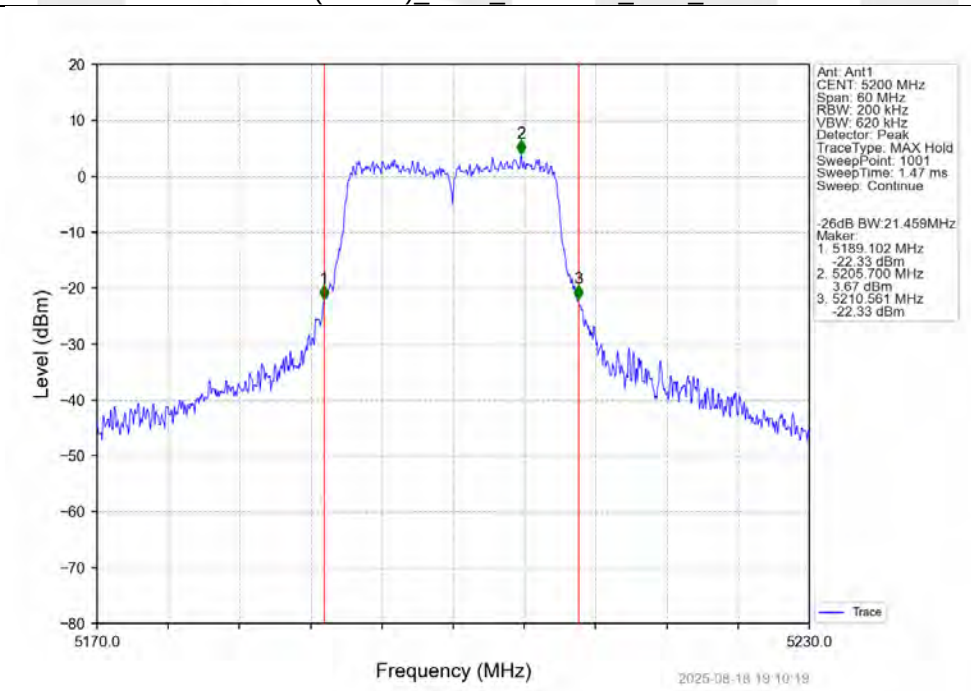
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



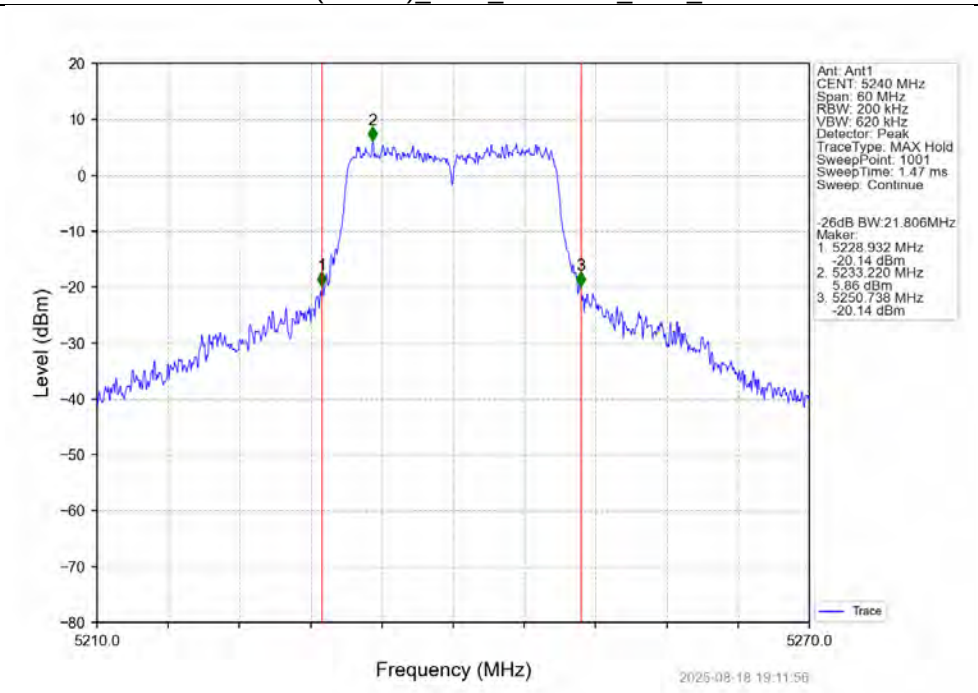
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



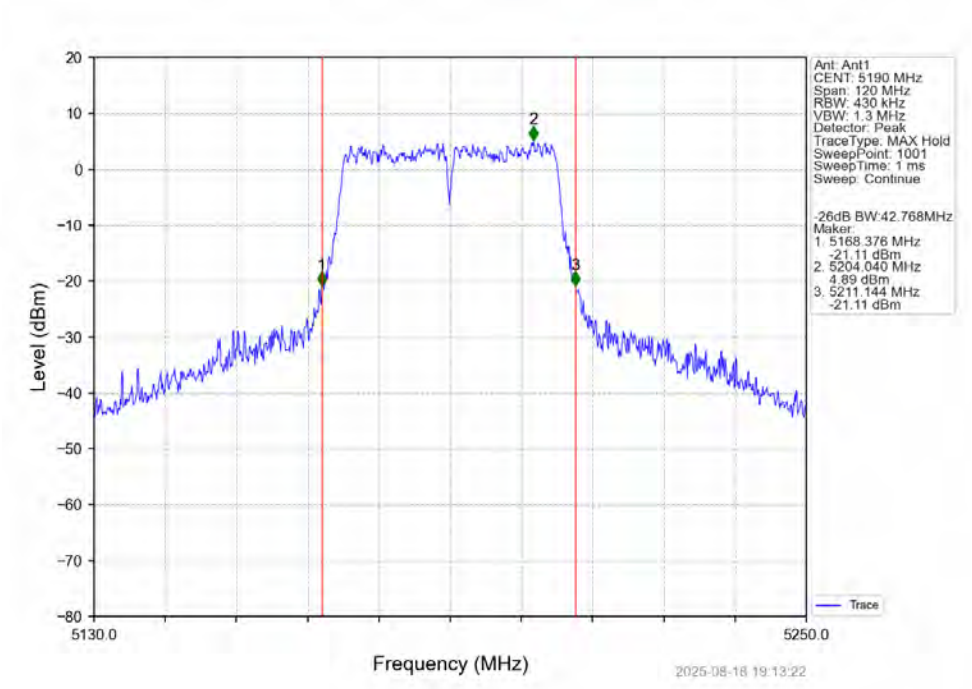
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



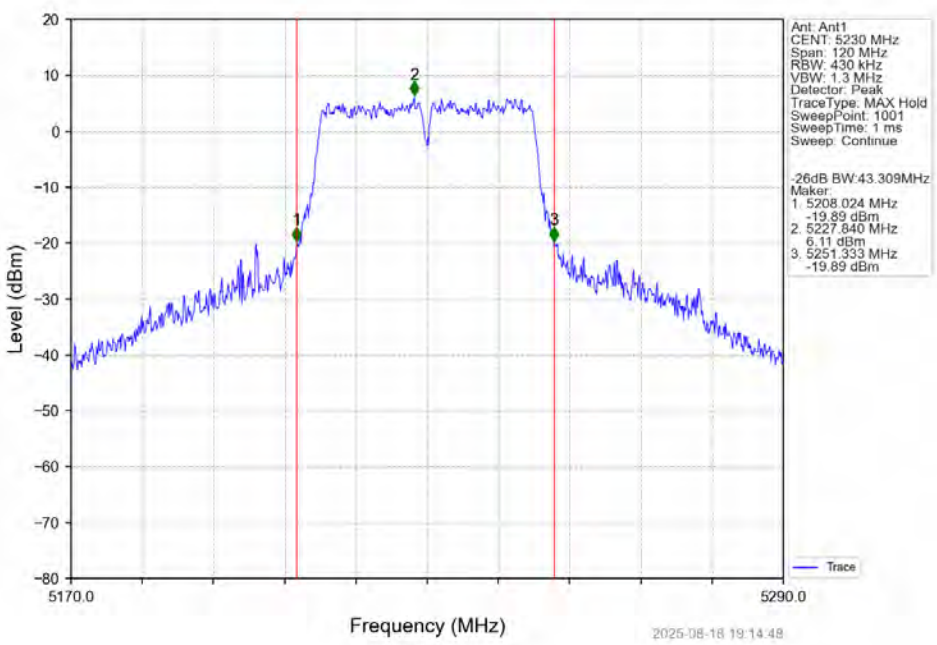
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

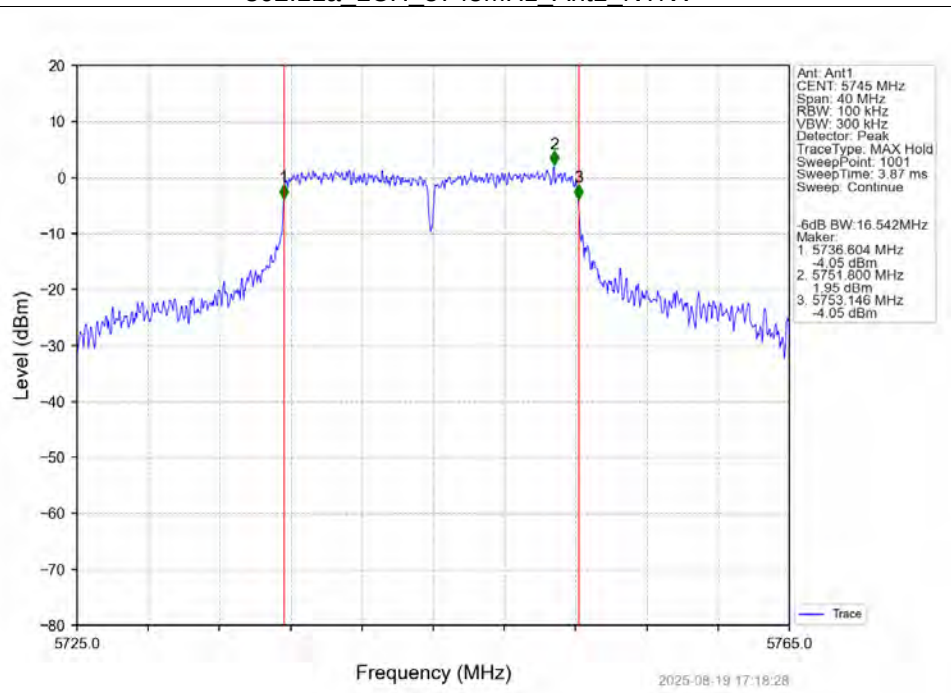


802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

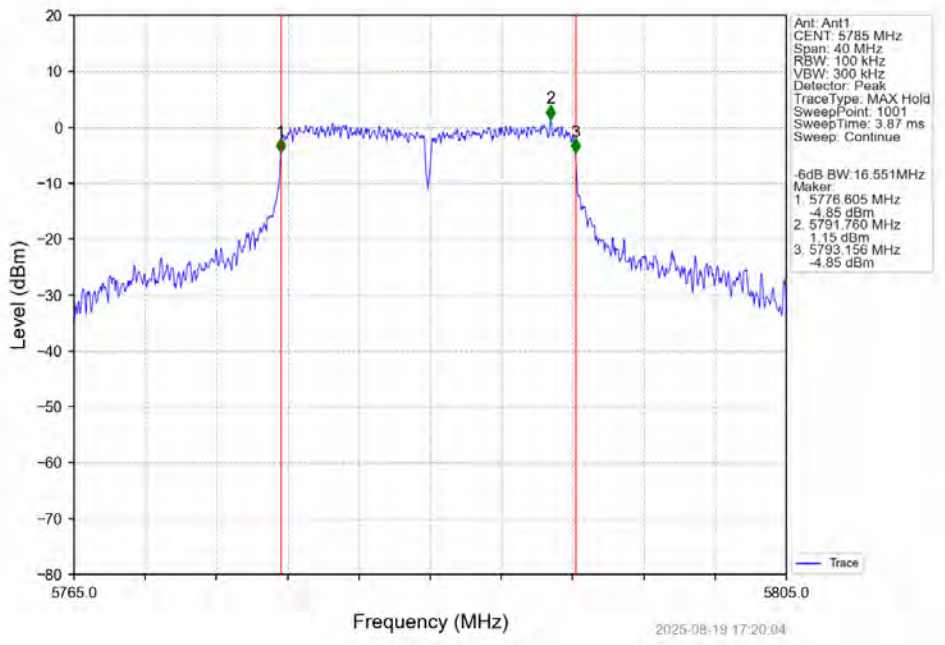


2.2.3 6dB BW

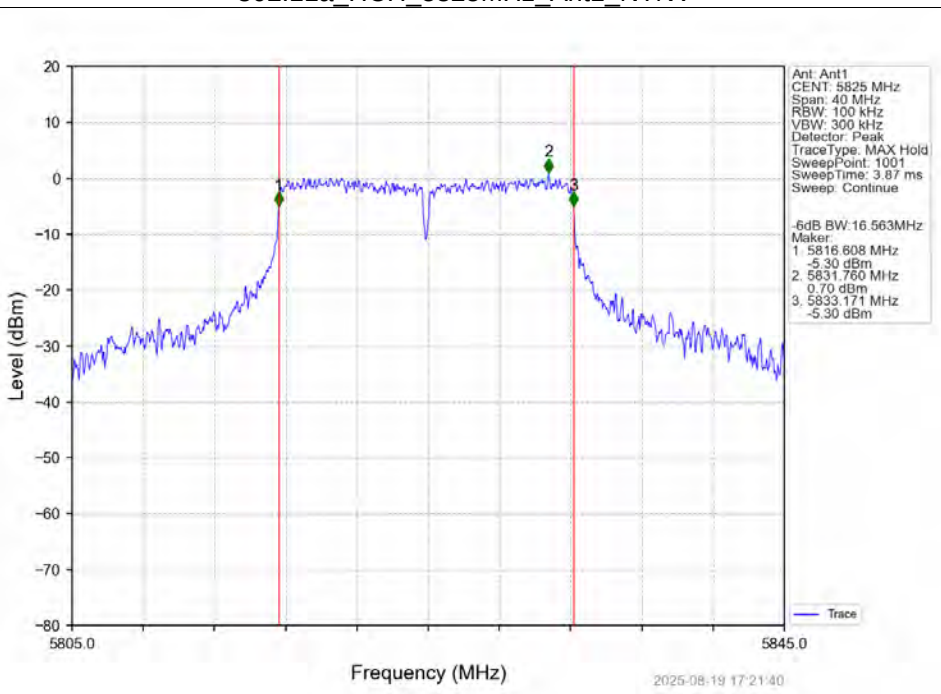
802.11a_LCH_5745MHz_Ant1_NTNV



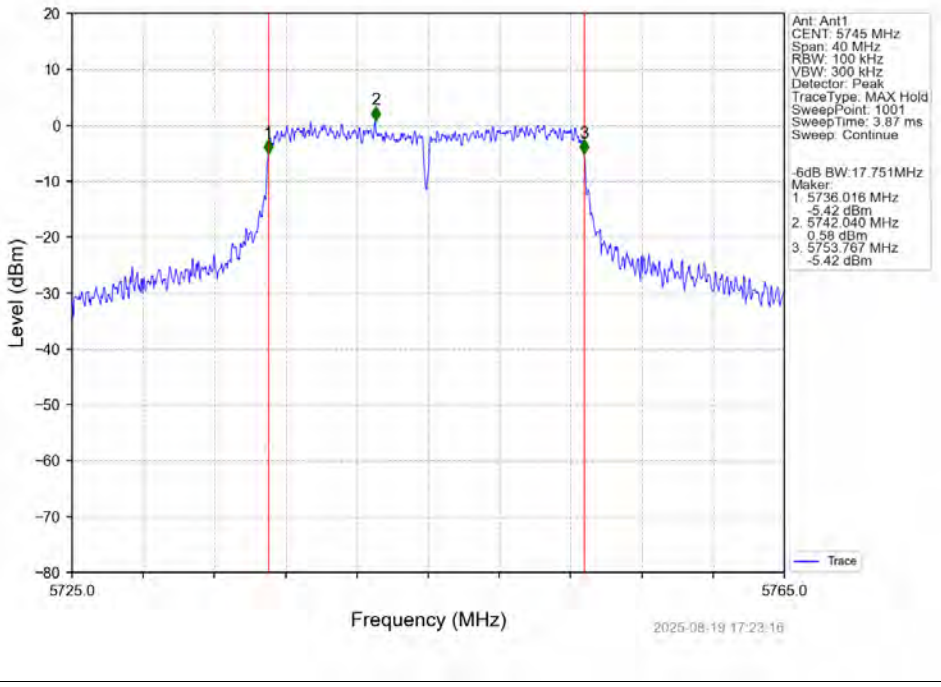
802.11a_MCH_5785MHz_Ant1_NTNV



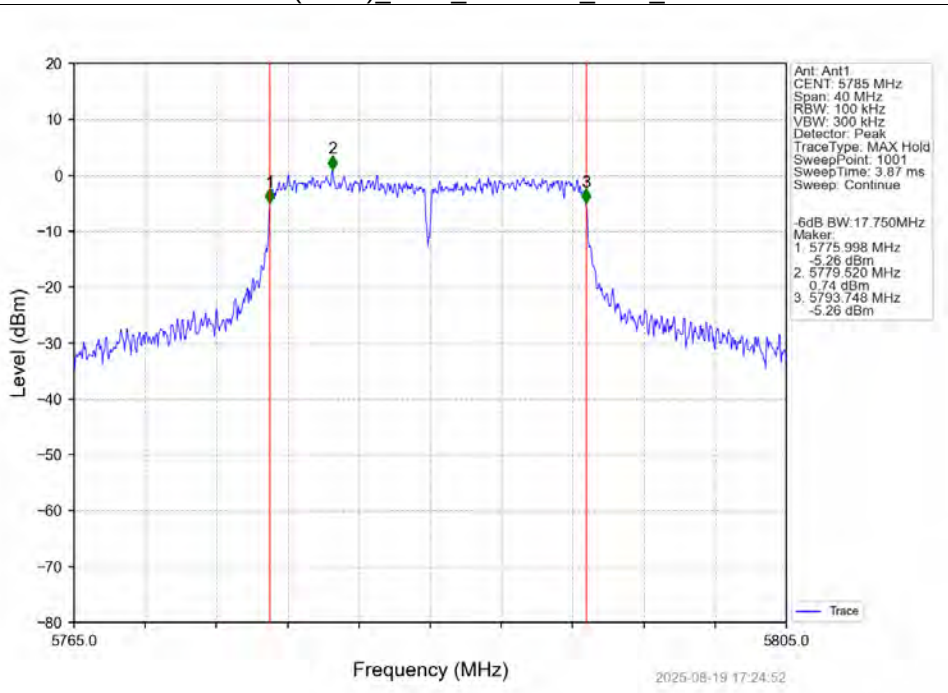
802.11a_HCH_5825MHz_Ant1_NTNV



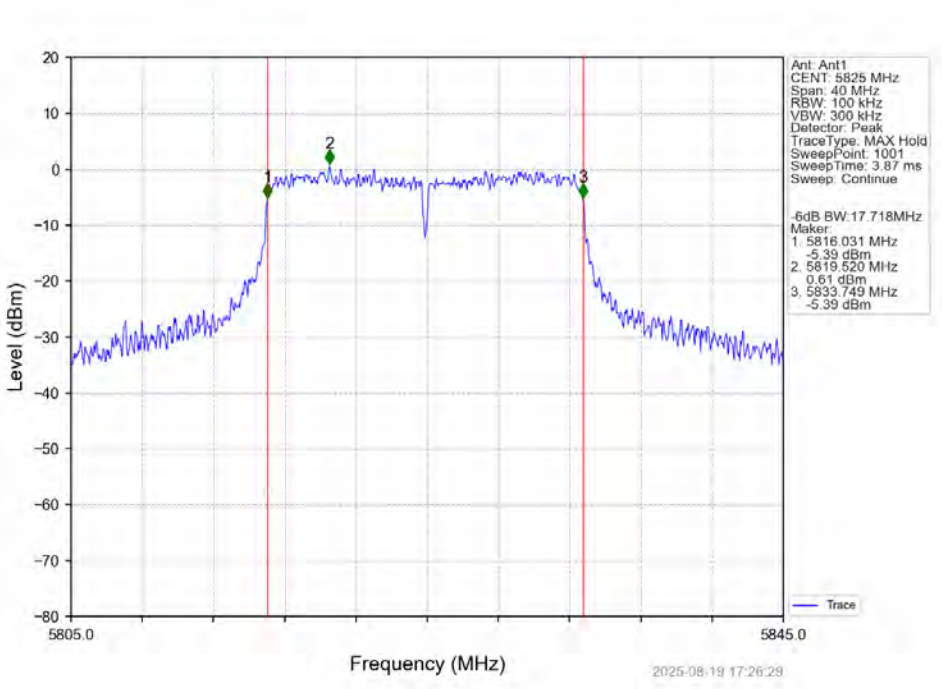
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



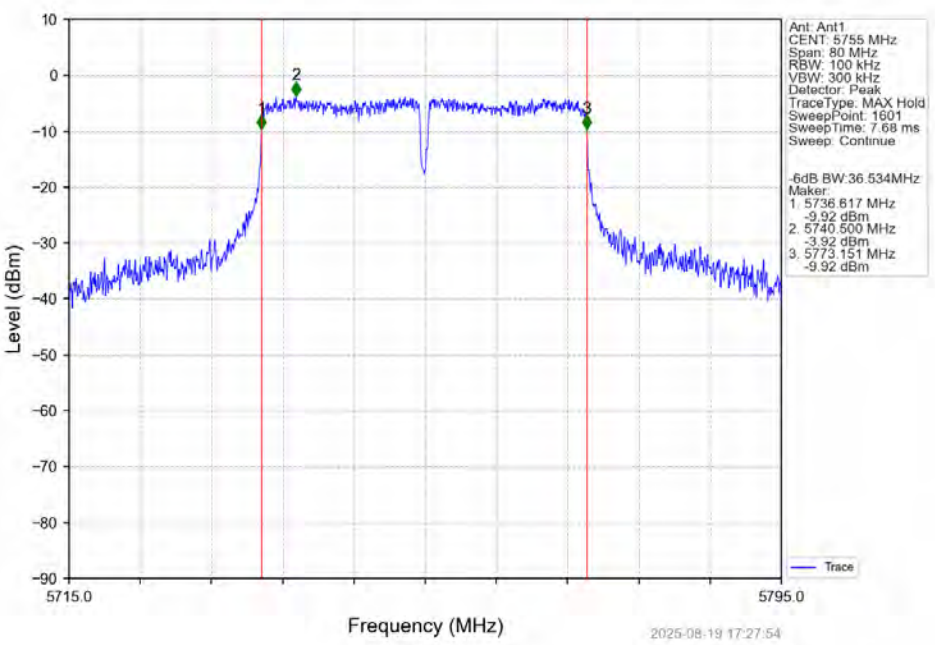
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



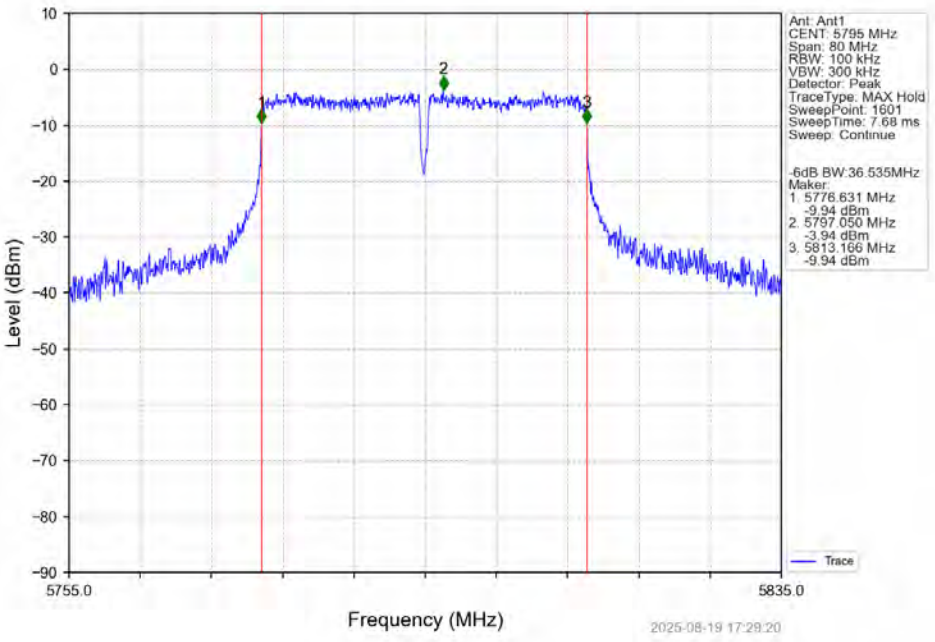
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



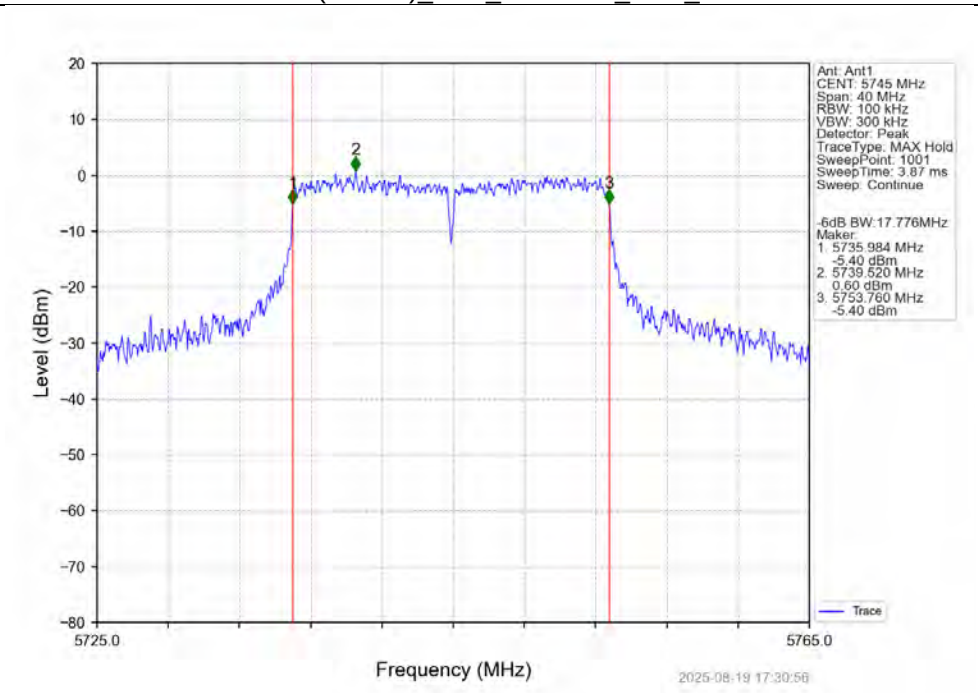
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



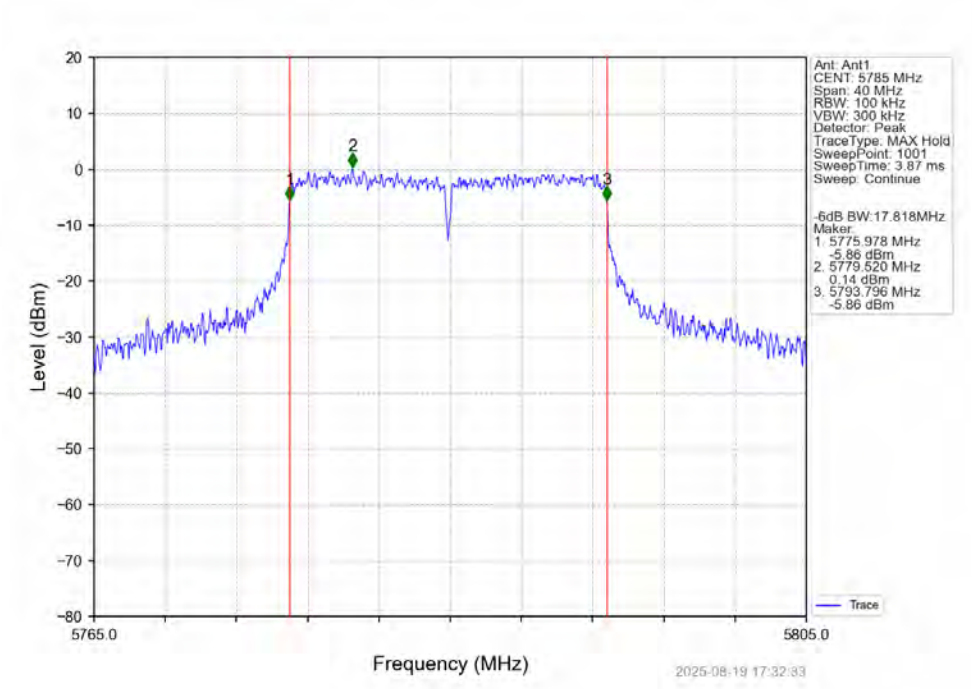
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



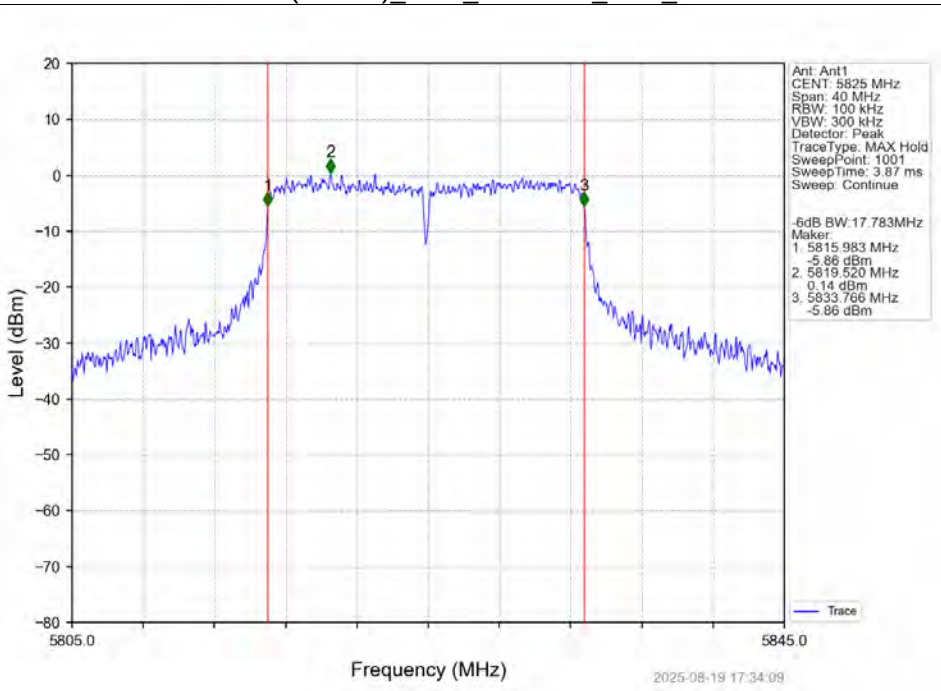
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



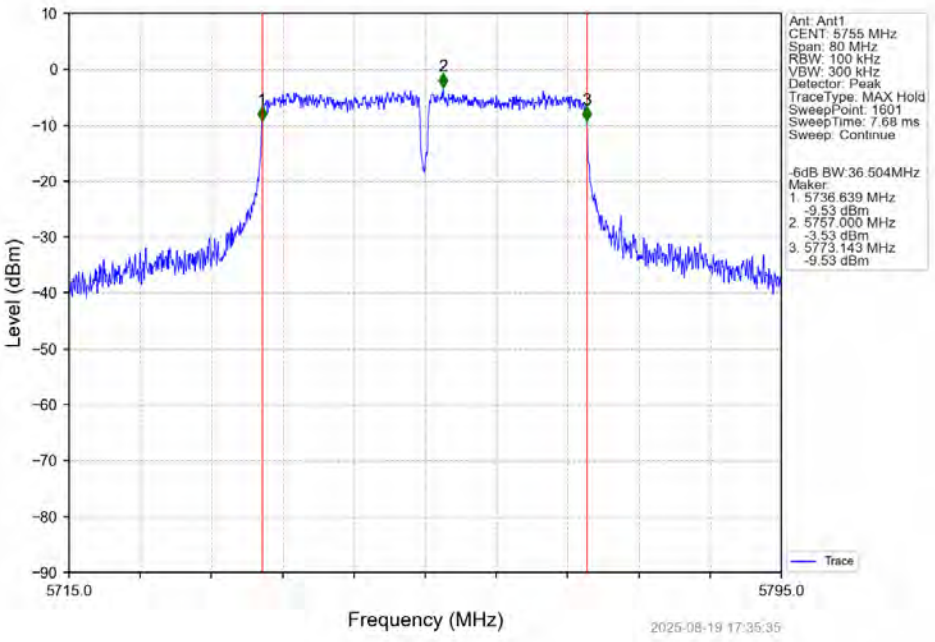
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



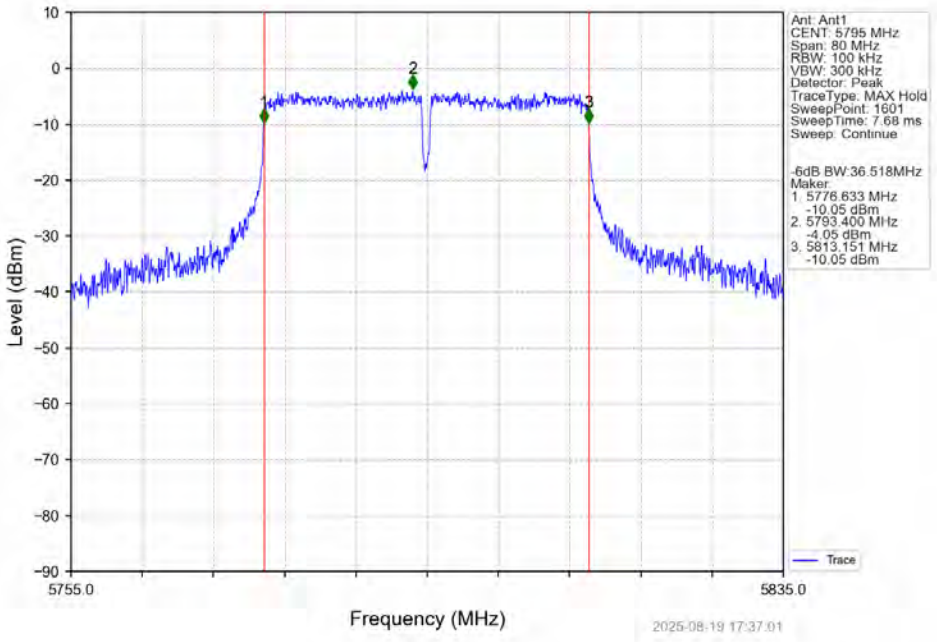
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

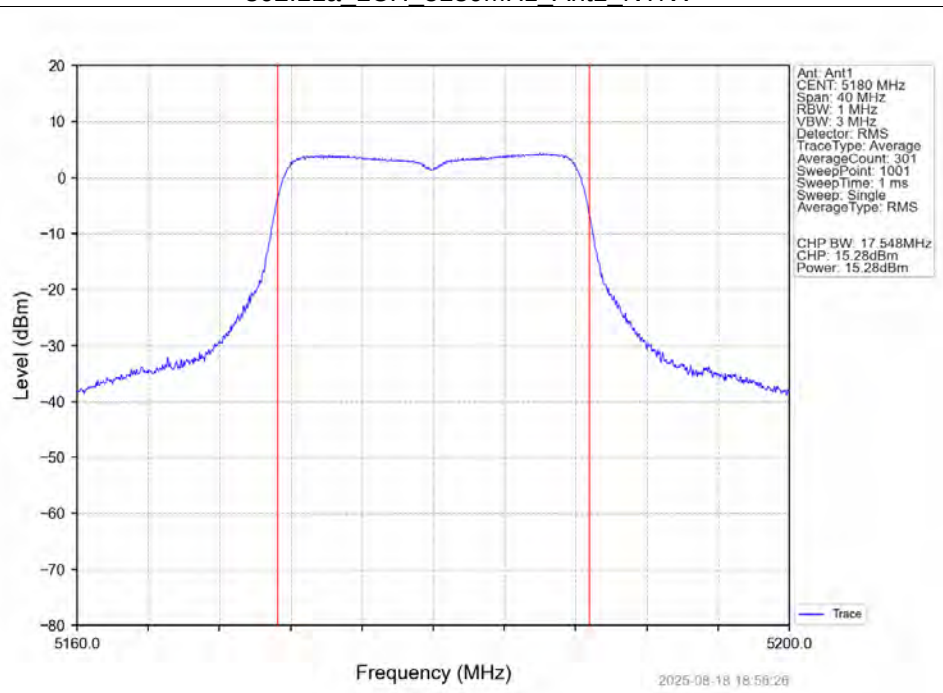
3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	15.28	<=23.98	Pass
		5200	15.71	<=23.98	Pass
		5240	16.60	<=23.98	Pass
		5745	15.42	<=30	Pass
		5785	14.67	<=30	Pass
		5825	14.32	<=30	Pass
802.11n (HT20)	SISO	5180	14.80	<=23.98	Pass
		5200	14.80	<=23.98	Pass
		5240	15.60	<=23.98	Pass
		5745	14.39	<=30	Pass
		5785	14.17	<=30	Pass
		5825	14.03	<=30	Pass
802.11n (HT40)	SISO	5190	13.52	<=23.98	Pass
		5230	14.58	<=23.98	Pass
		5755	13.52	<=30	Pass
		5795	13.28	<=30	Pass
802.11ac (VHT20)	SISO	5180	13.95	<=23.98	Pass
		5200	14.47	<=23.98	Pass
		5240	16.86	<=23.98	Pass
		5745	14.14	<=30	Pass
		5785	13.98	<=30	Pass
		5825	13.91	<=30	Pass
802.11ac (VHT40)	SISO	5190	15.54	<=23.98	Pass
		5230	16.71	<=23.98	Pass
		5755	13.43	<=30	Pass
		5795	13.22	<=30	Pass

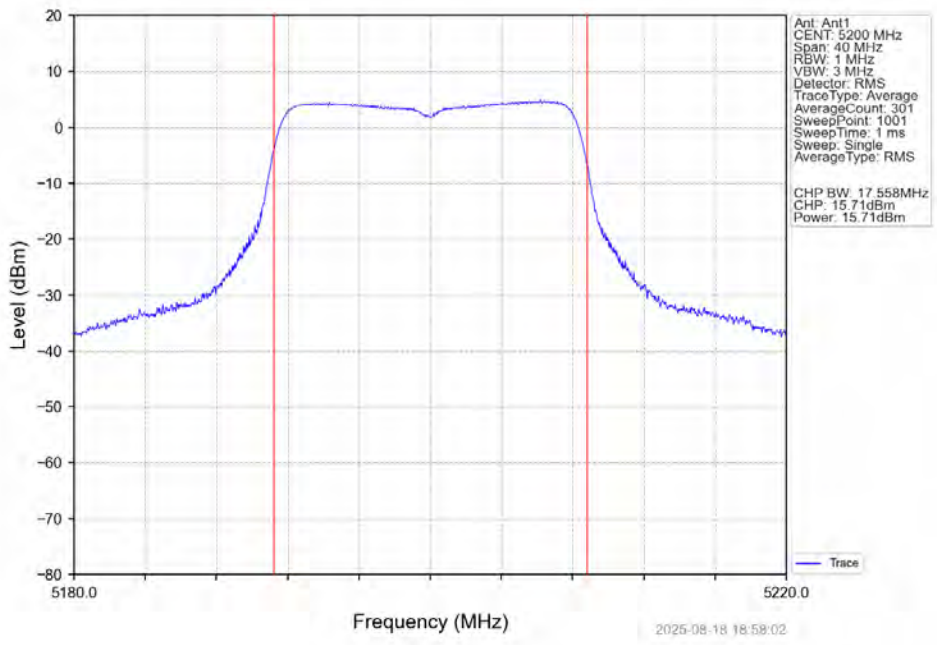
3.2 Test Graph

3.2.1 Power

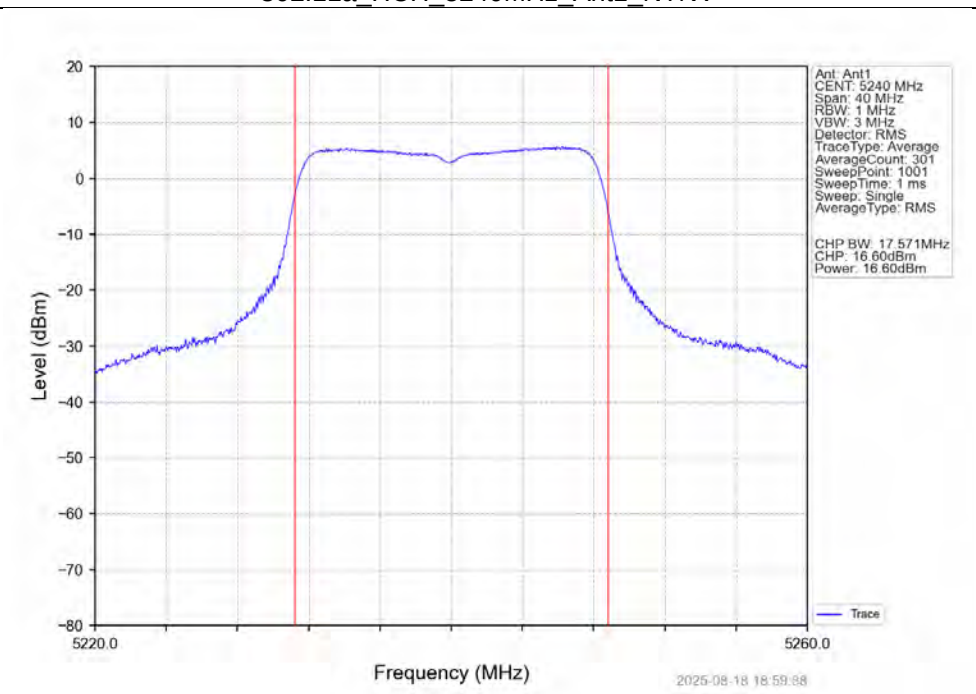
802.11a_LCH_5180MHz_Ant1_NTNV



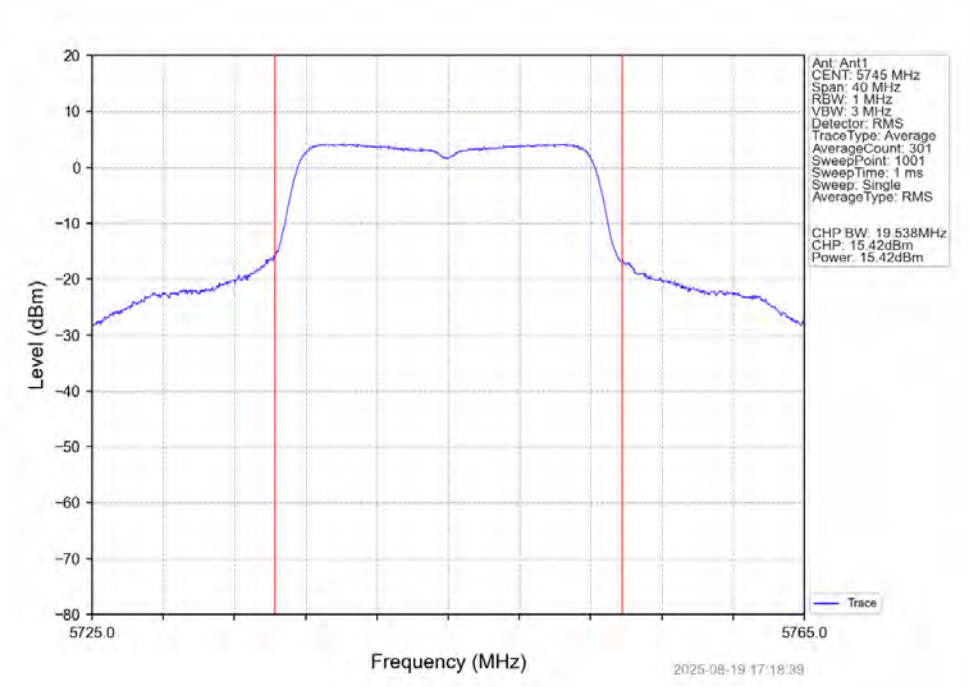
802.11a_MCH_5200MHz_Ant1_NTNV



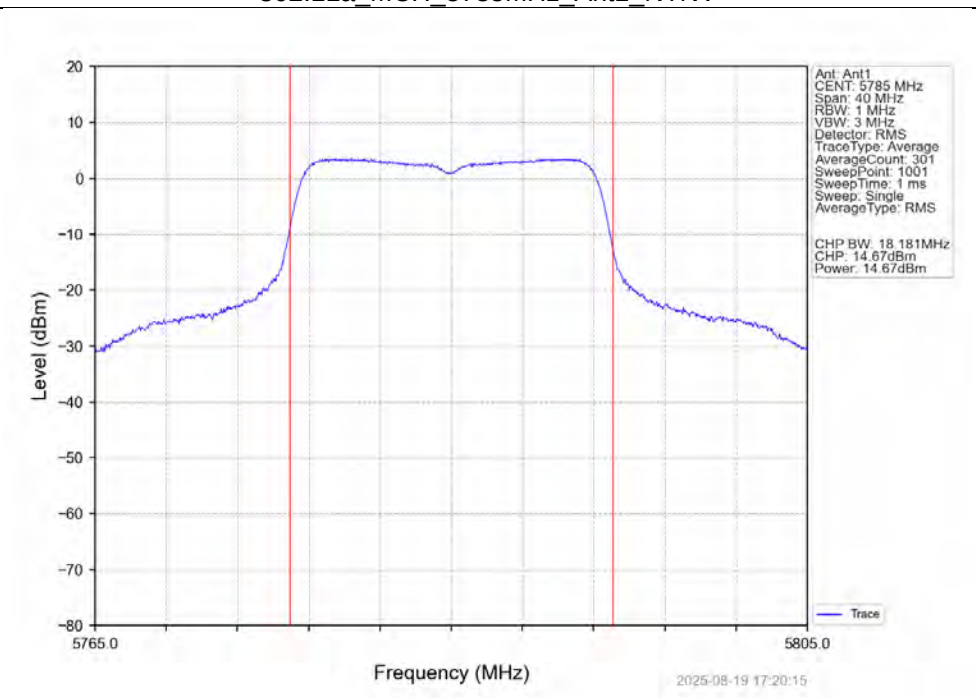
802.11a_HCH_5240MHz_Ant1_NTNV



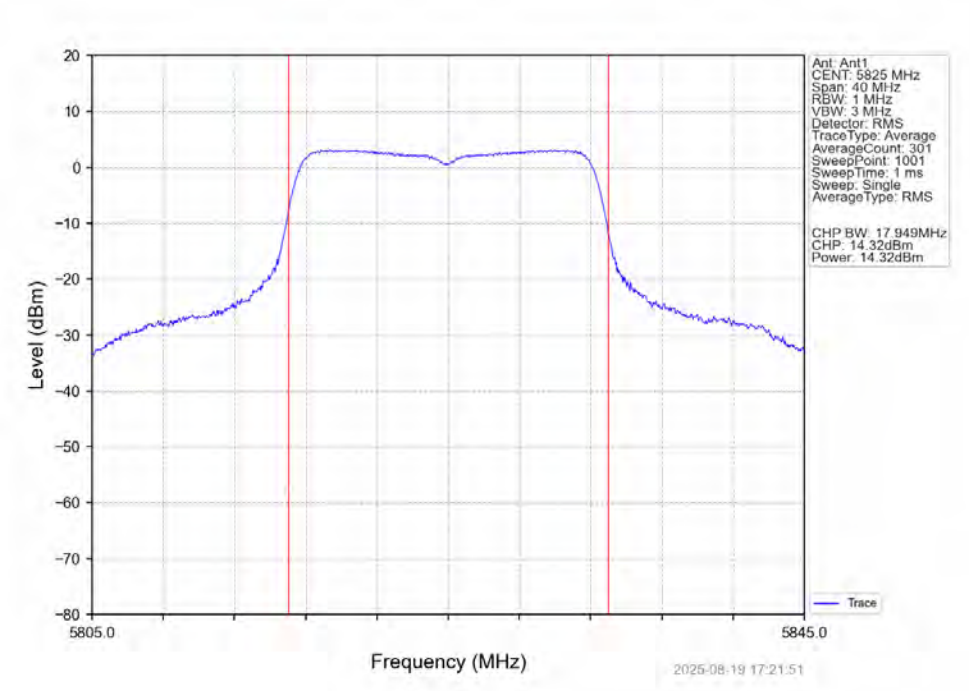
802.11a_LCH_5745MHz_Ant1_NTNV



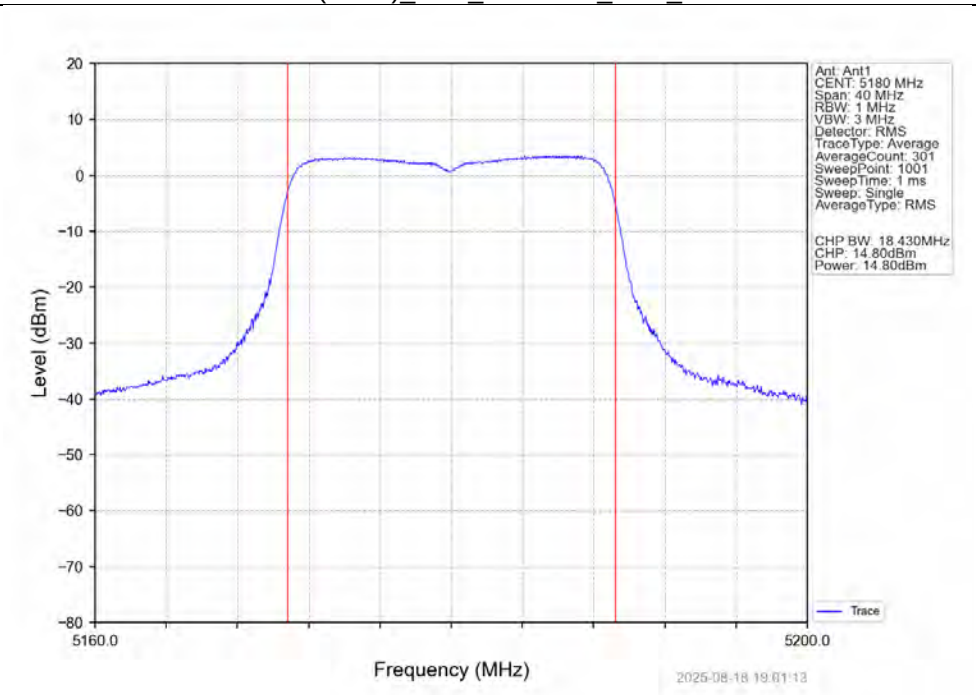
802.11a_MCH_5785MHz_Ant1_NTNV



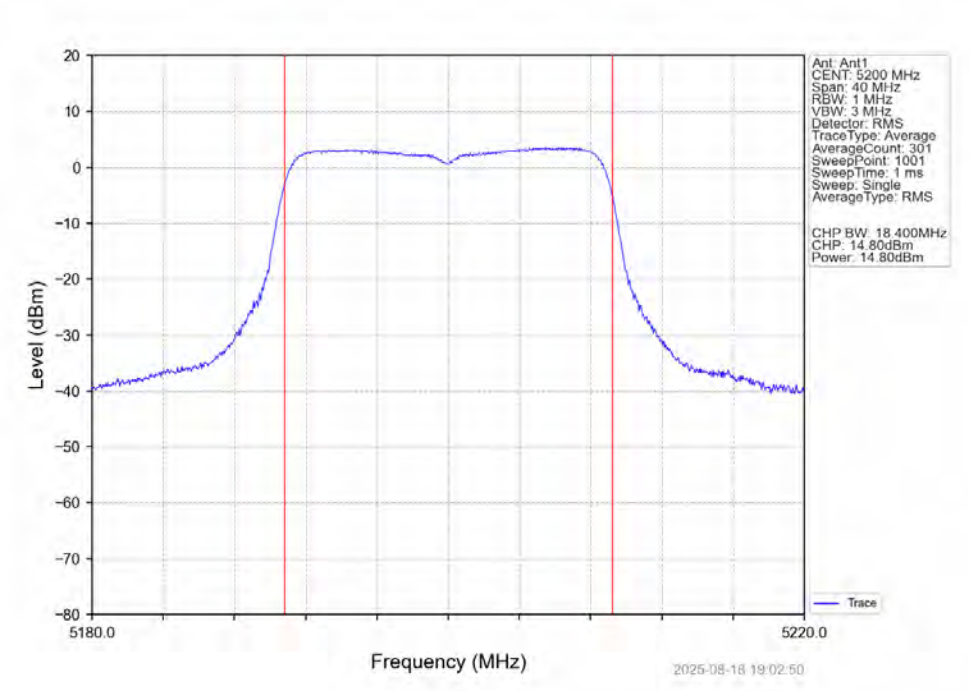
802.11a_HCH_5825MHz_Ant1_NTNV



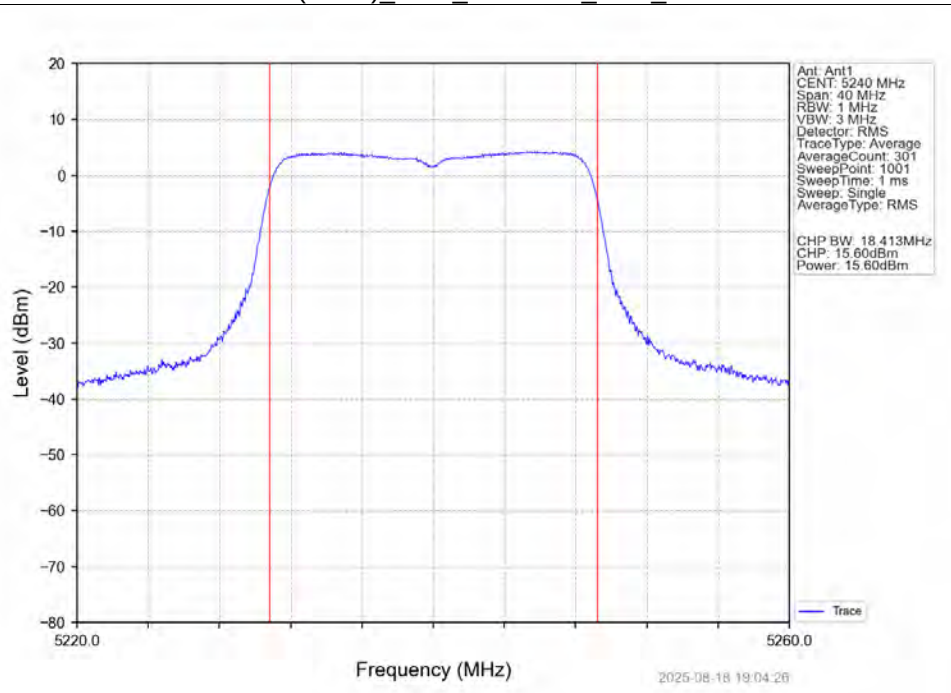
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



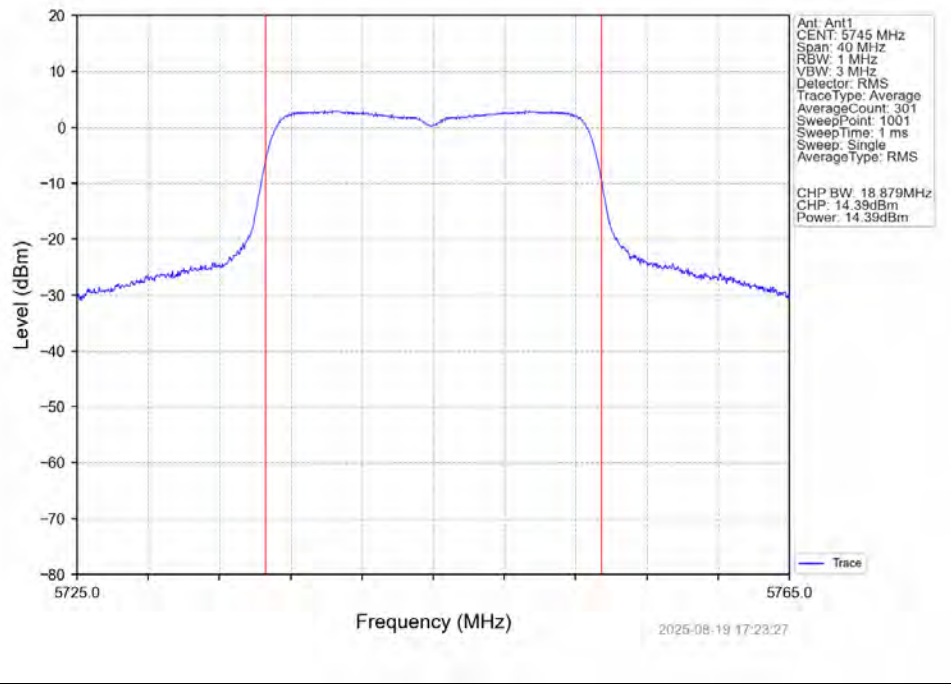
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



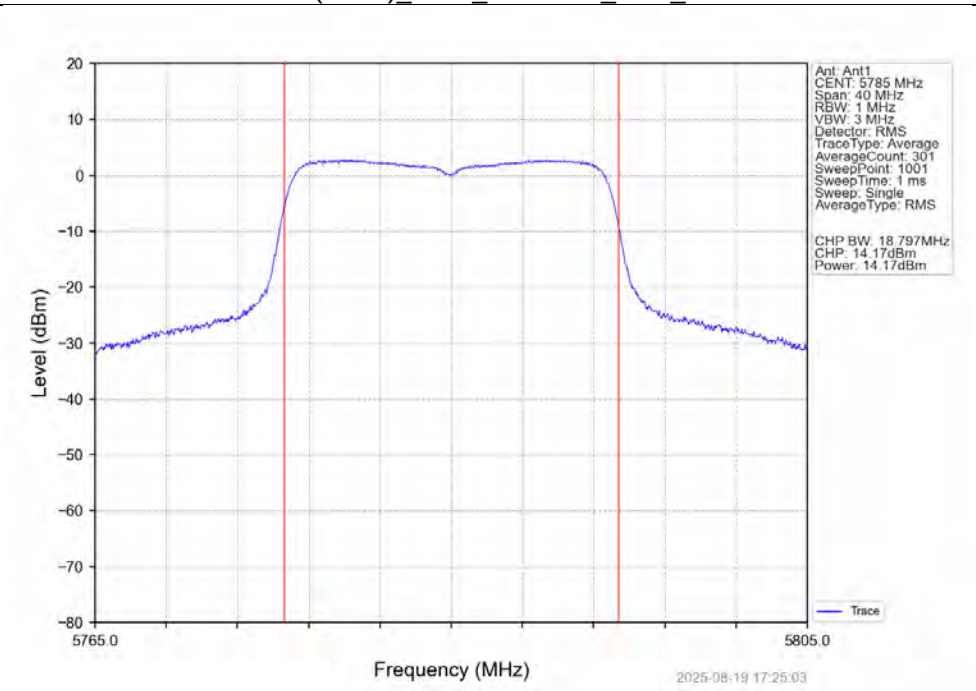
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



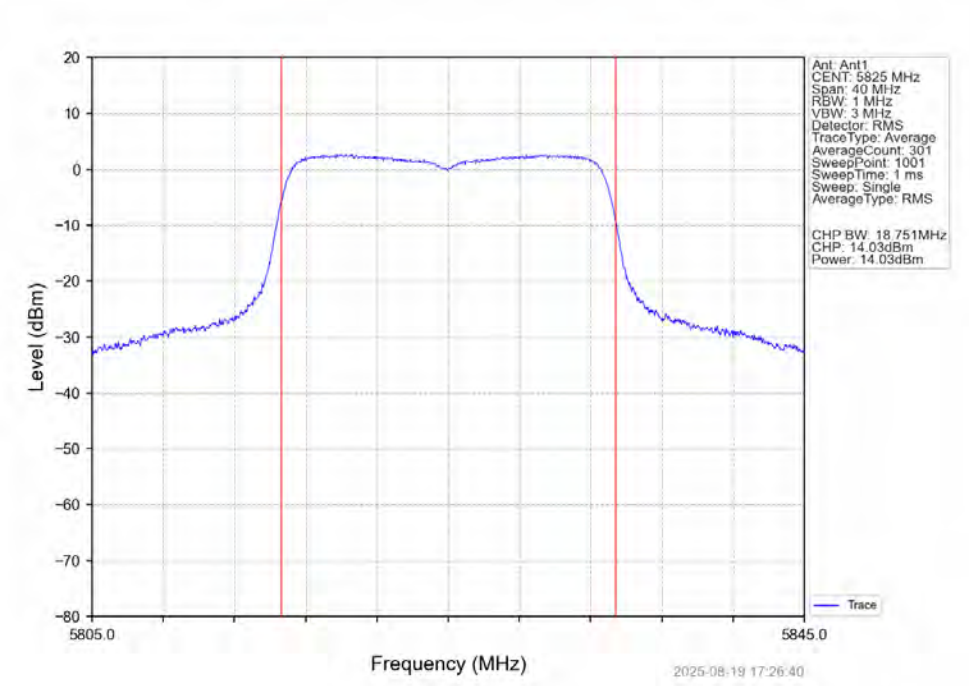
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



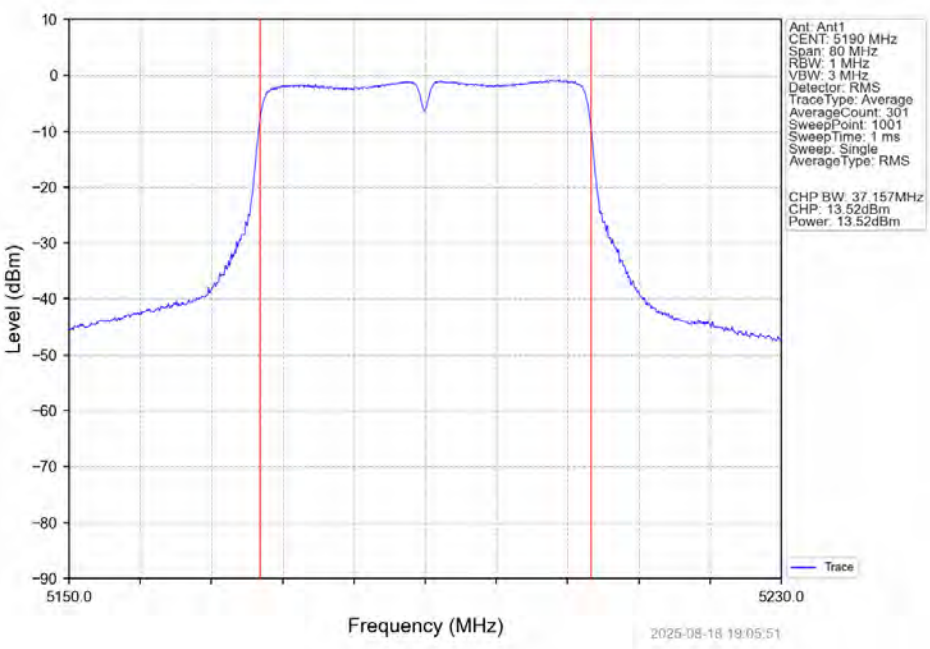
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



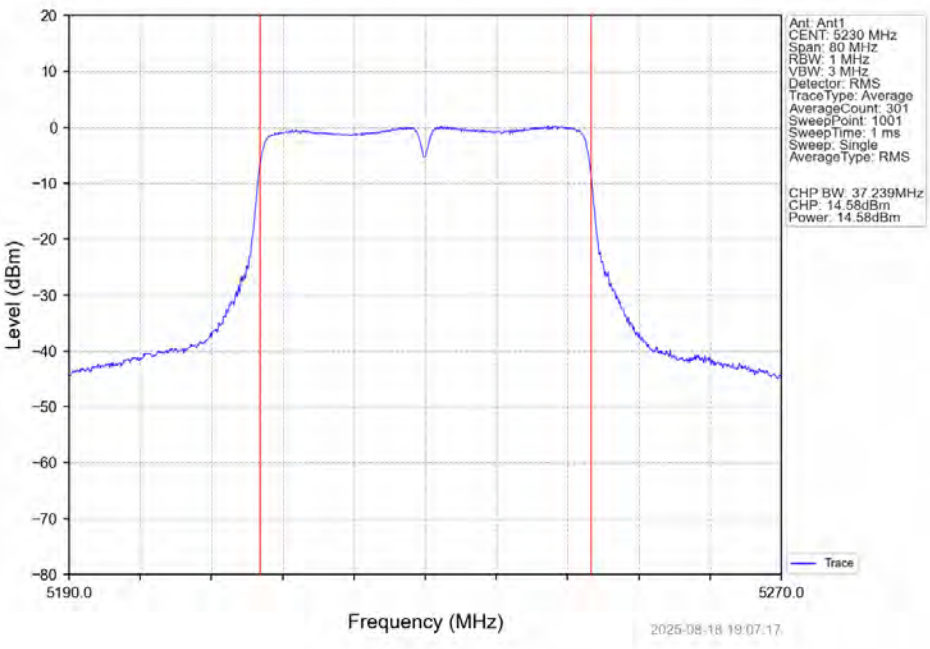
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



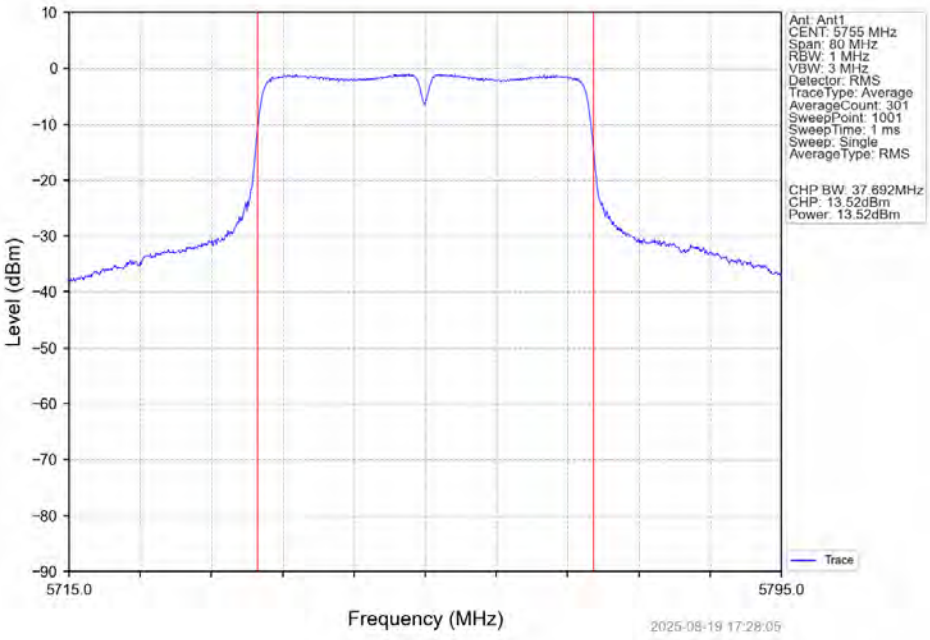
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



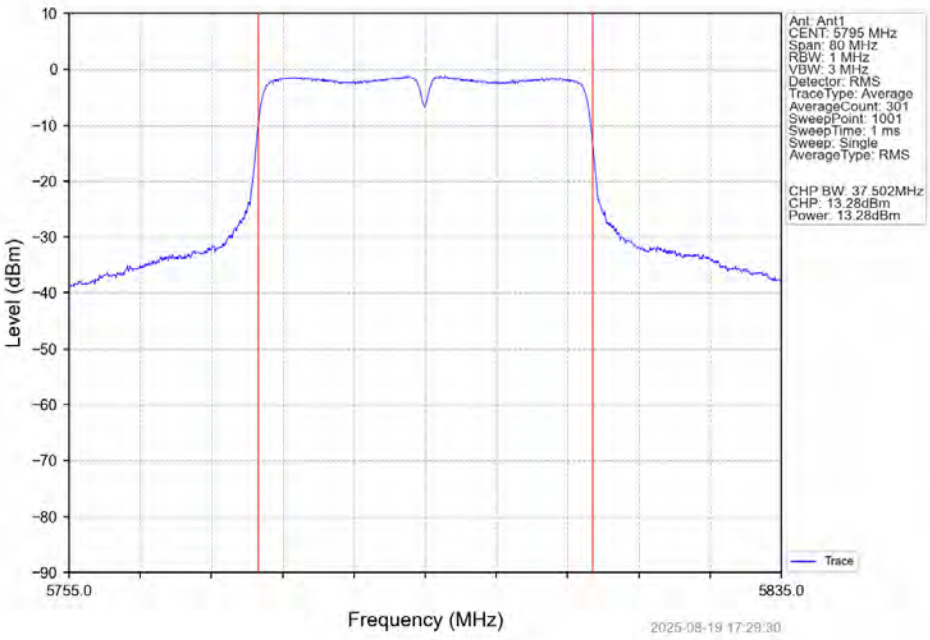
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



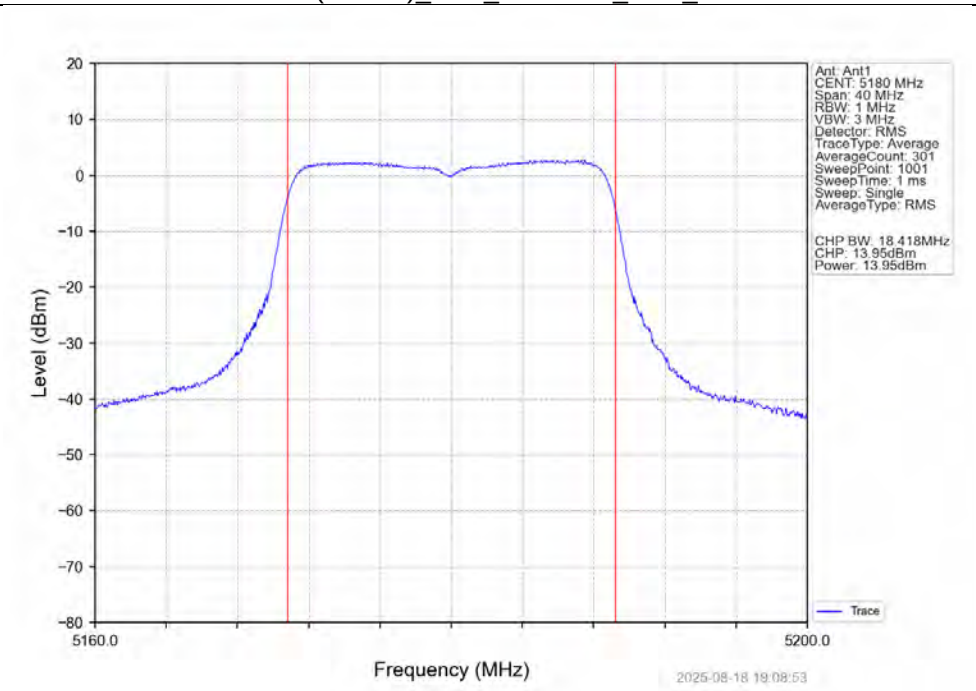
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



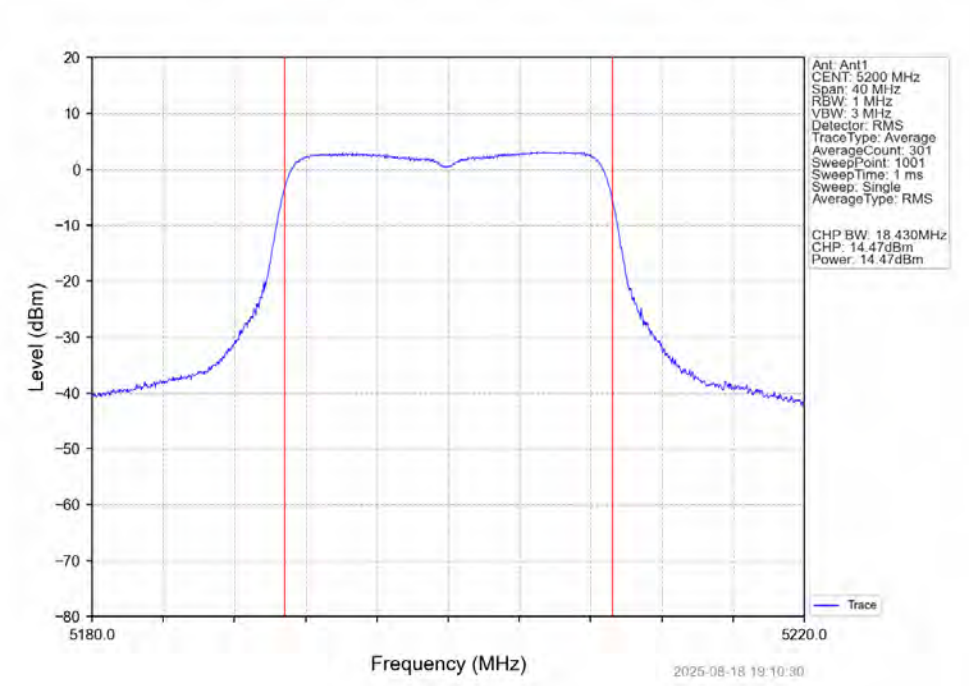
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



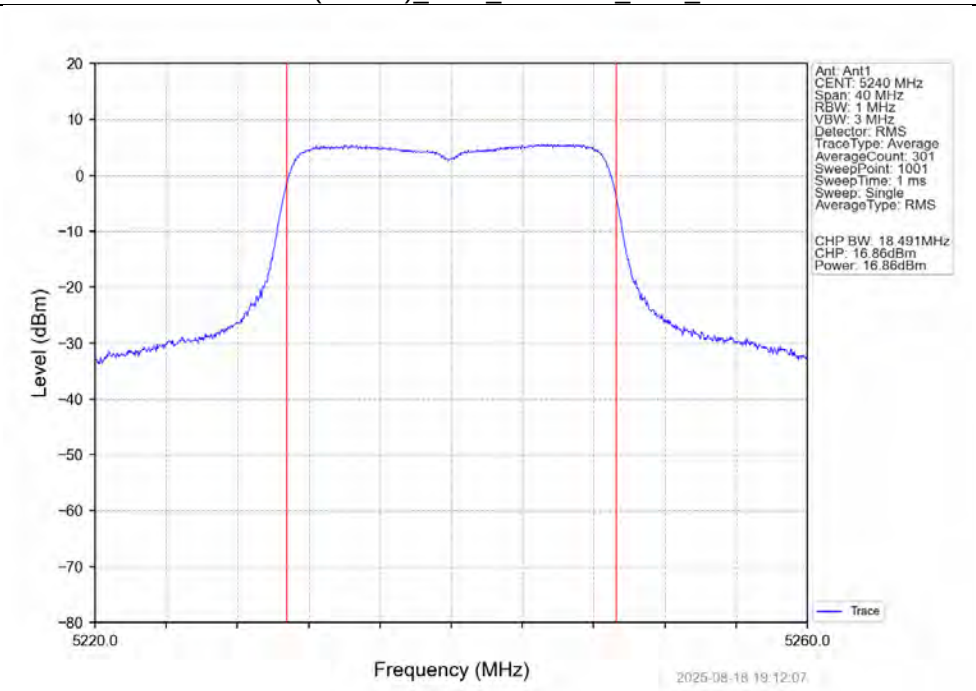
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



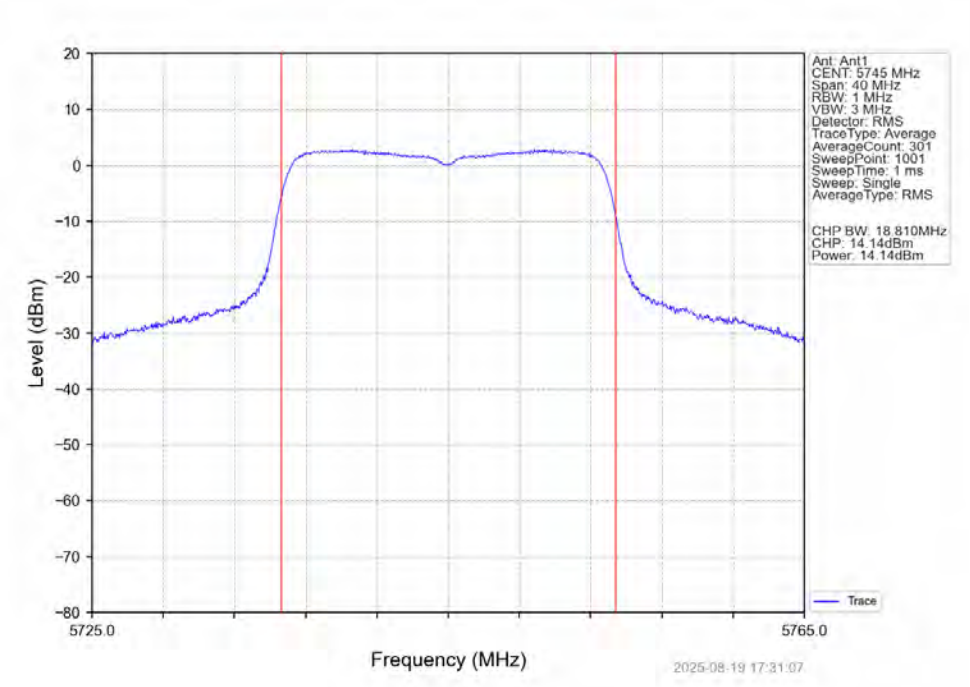
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



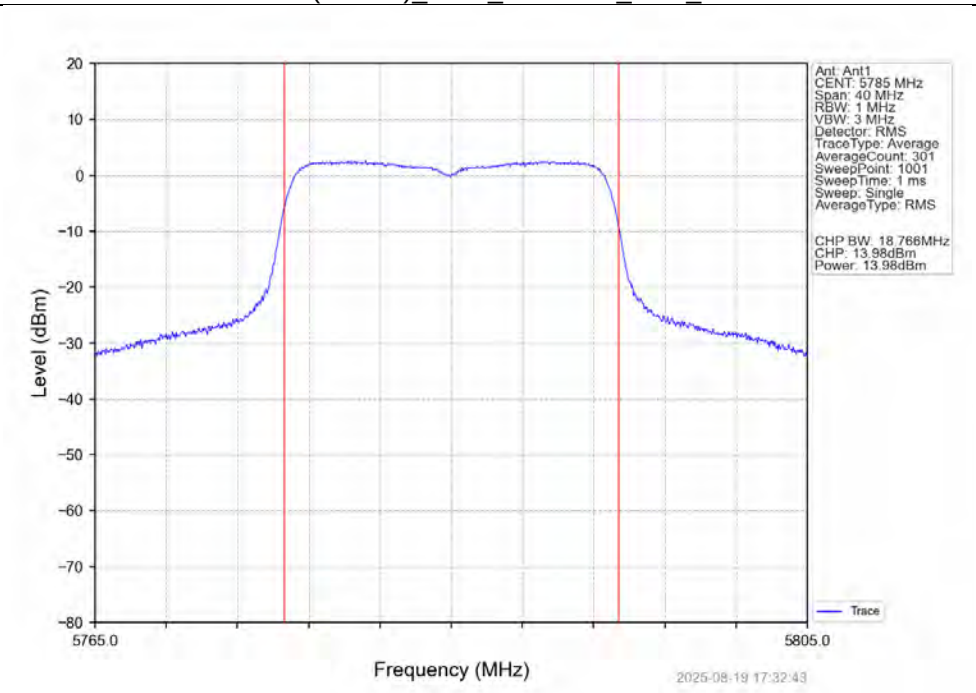
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



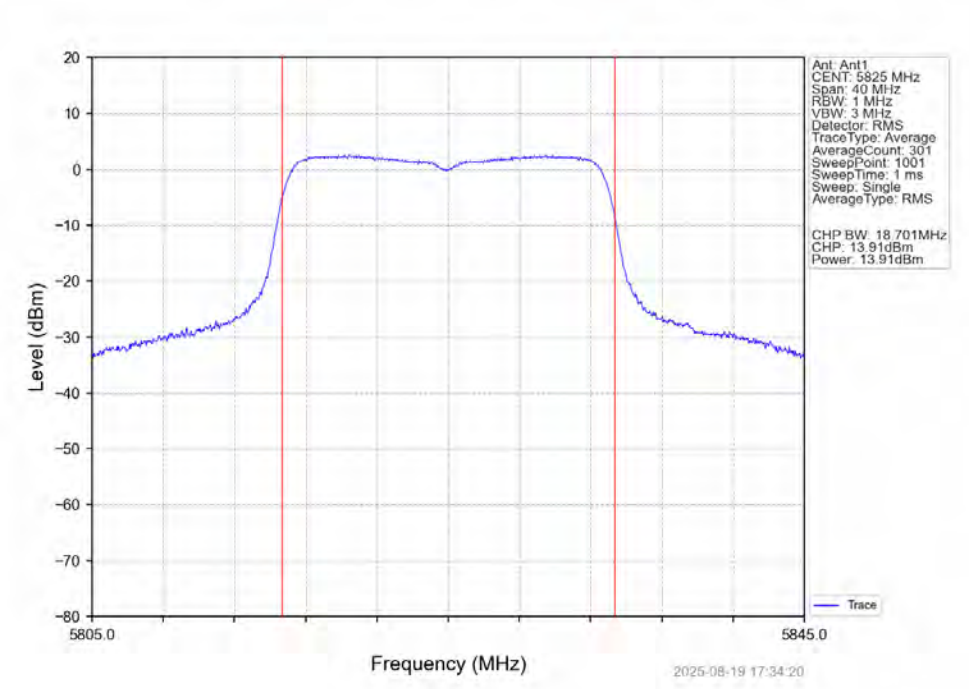
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



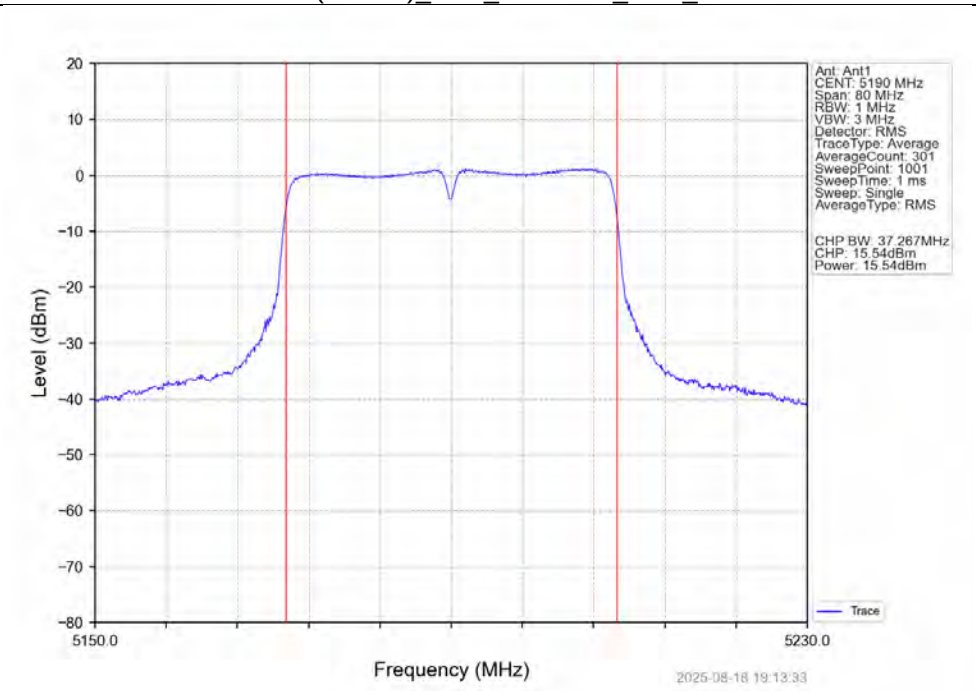
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



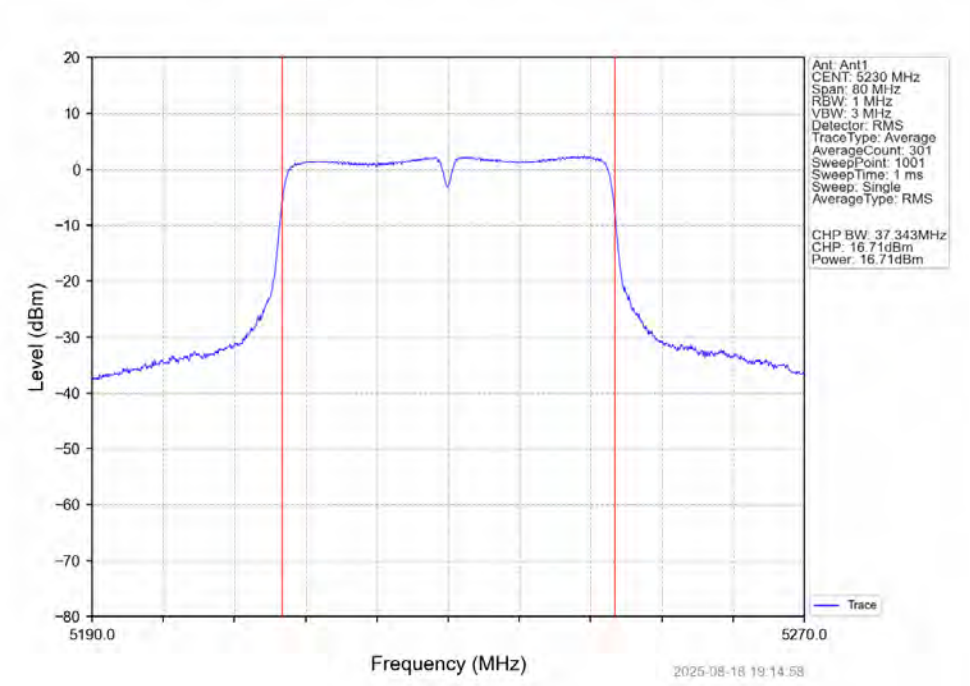
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



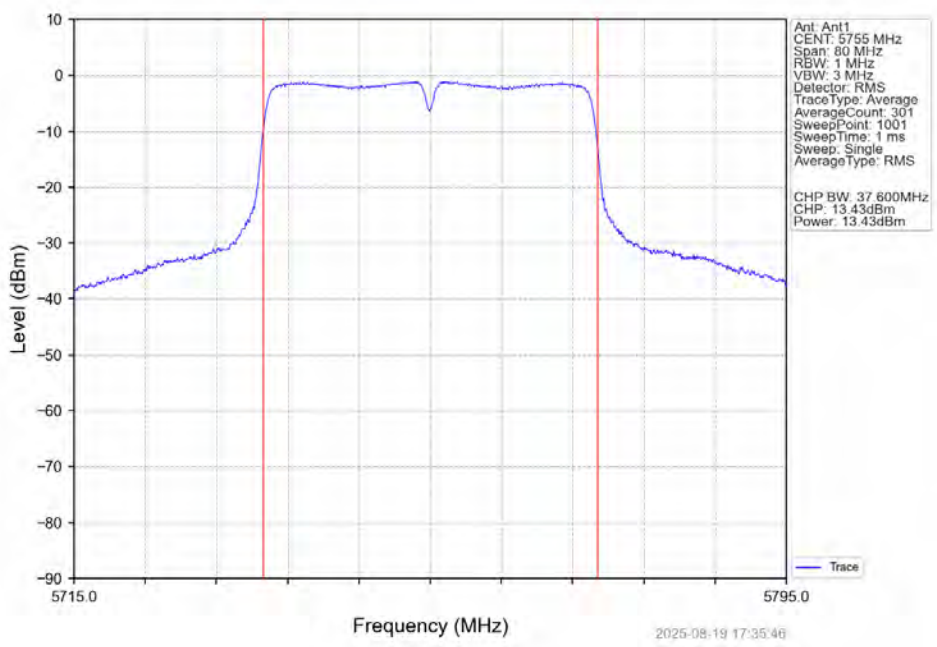
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



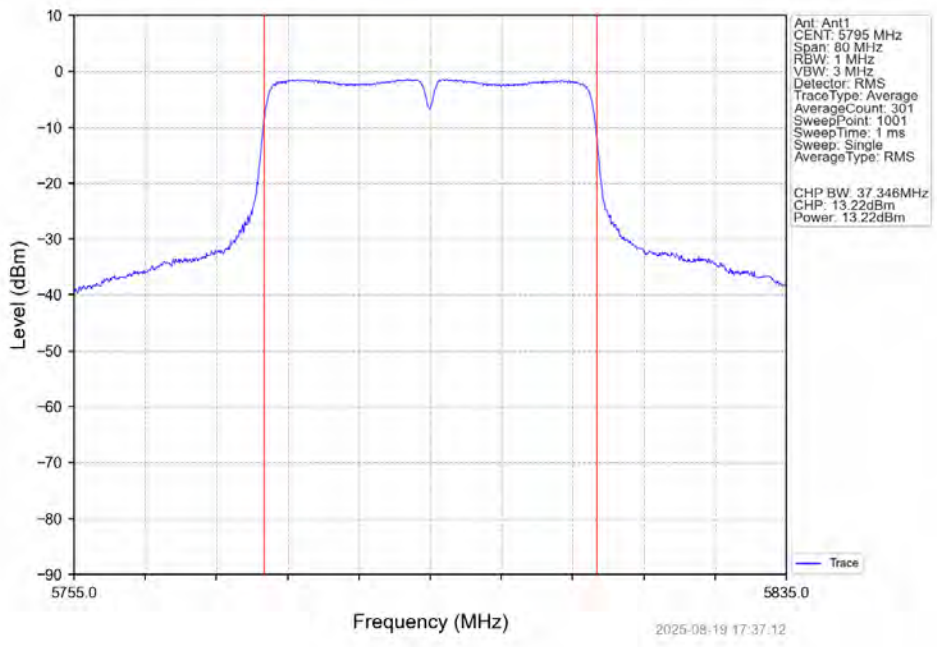
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_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	4.20	<=11	Pass
		5200	4.78	<=11	Pass
		5240	5.60	<=11	Pass
802.11n (HT20)	SISO	5180	3.39	<=11	Pass
		5200	3.55	<=11	Pass
		5240	4.34	<=11	Pass
802.11n (HT40)	SISO	5190	-0.77	<=11	Pass
		5230	0.26	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.67	<=11	Pass
		5200	3.18	<=11	Pass
		5240	5.69	<=11	Pass
802.11ac (VHT40)	SISO	5190	1.34	<=11	Pass
		5230	2.40	<=11	Pass

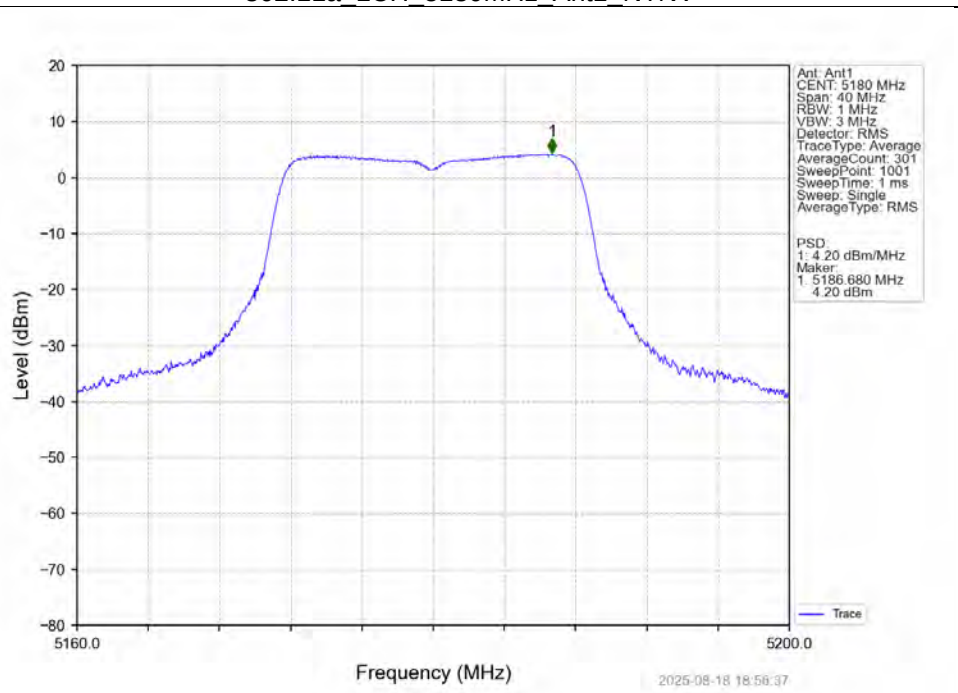
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	1.28	<=30	Pass
		5785	0.70	<=30	Pass
		5825	0.39	<=30	Pass
802.11n (HT20)	SISO	5745	0.29	<=30	Pass
		5785	-0.08	<=30	Pass
		5825	-0.11	<=30	Pass
802.11n (HT40)	SISO	5755	-3.98	<=30	Pass
		5795	-4.19	<=30	Pass
802.11ac (VHT20)	SISO	5745	0.03	<=30	Pass
		5785	-0.25	<=30	Pass
		5825	-0.21	<=30	Pass
802.11ac (VHT40)	SISO	5755	-4.03	<=30	Pass
		5795	-4.13	<=30	Pass

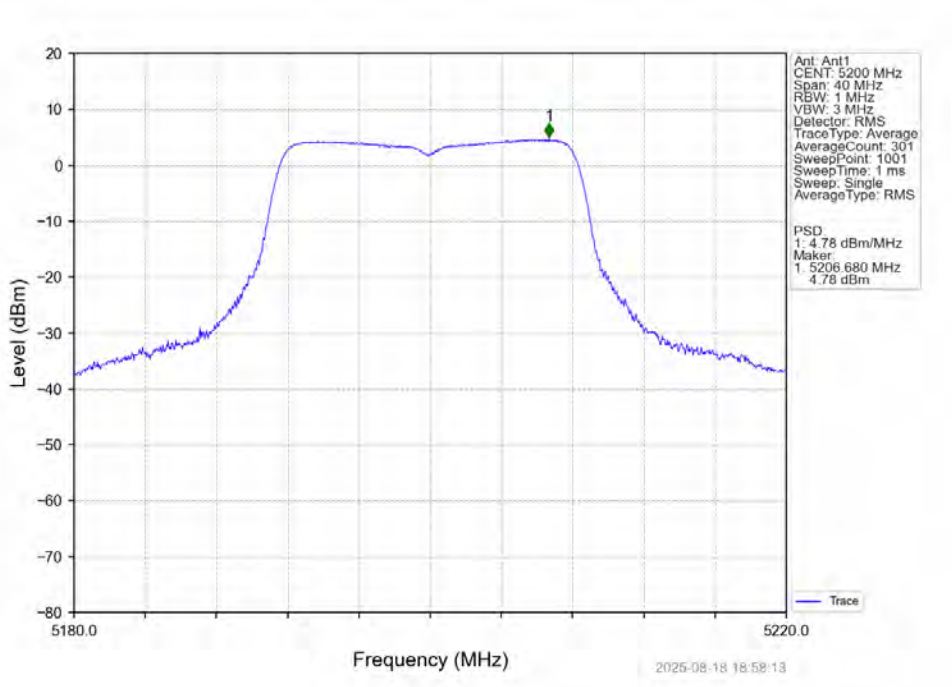
4.2 Test Graph

4.2.1 PSD

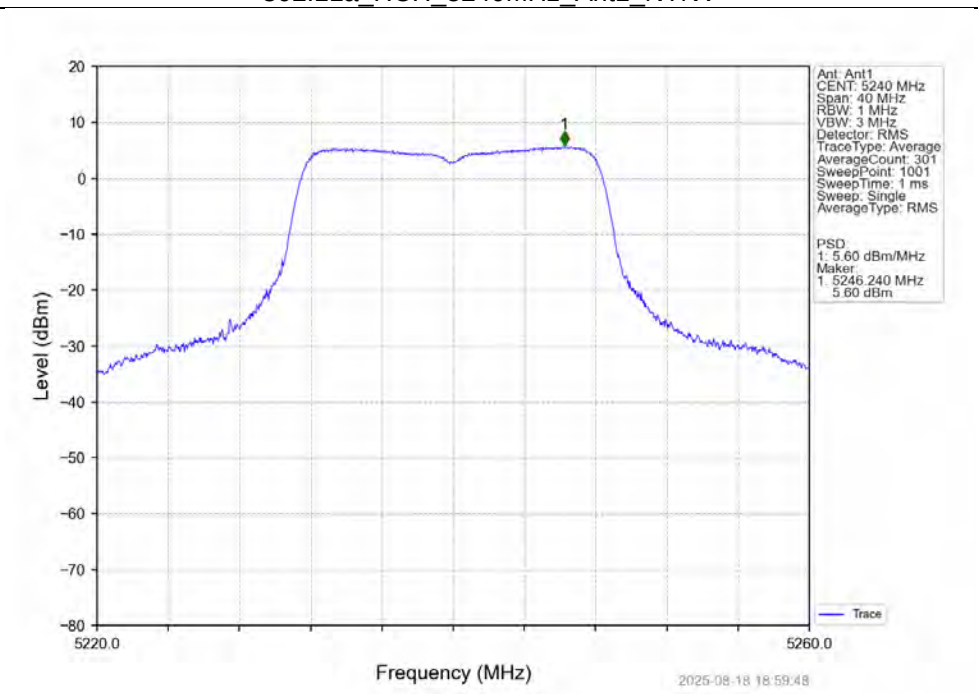
802.11a_LCH_5180MHz_Ant1_NTNV



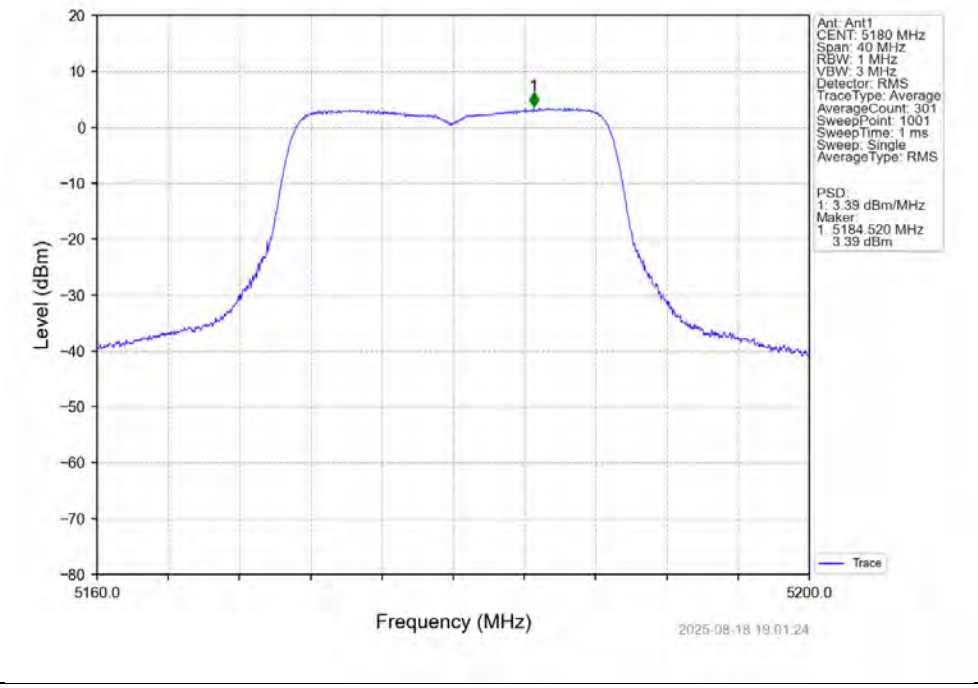
802.11a_MCH_5200MHz_Ant1_NTNV



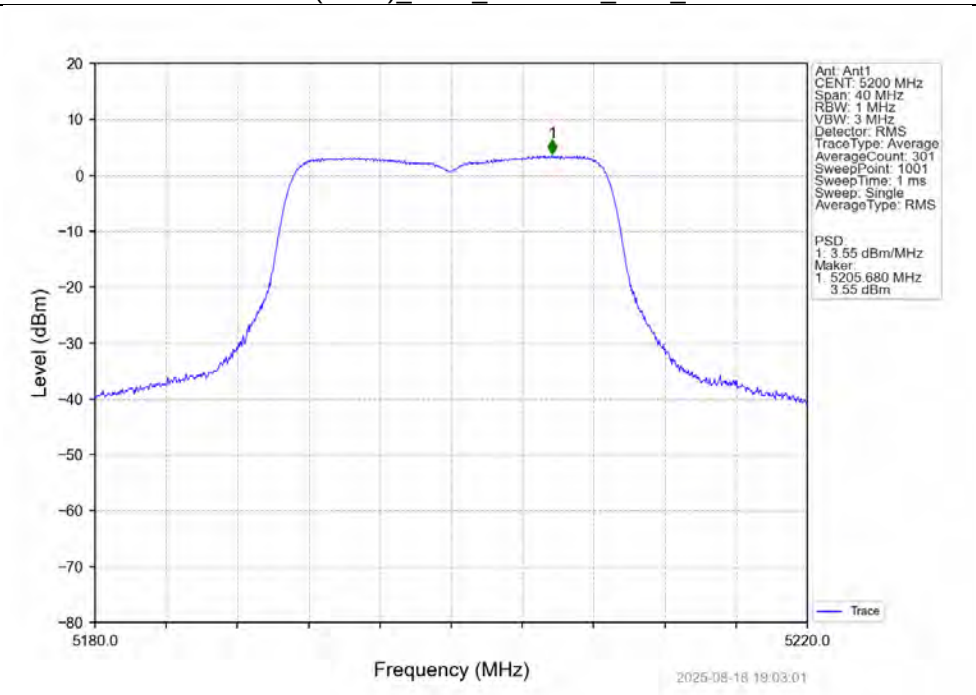
802.11a_HCH_5240MHz_Ant1_NTNV



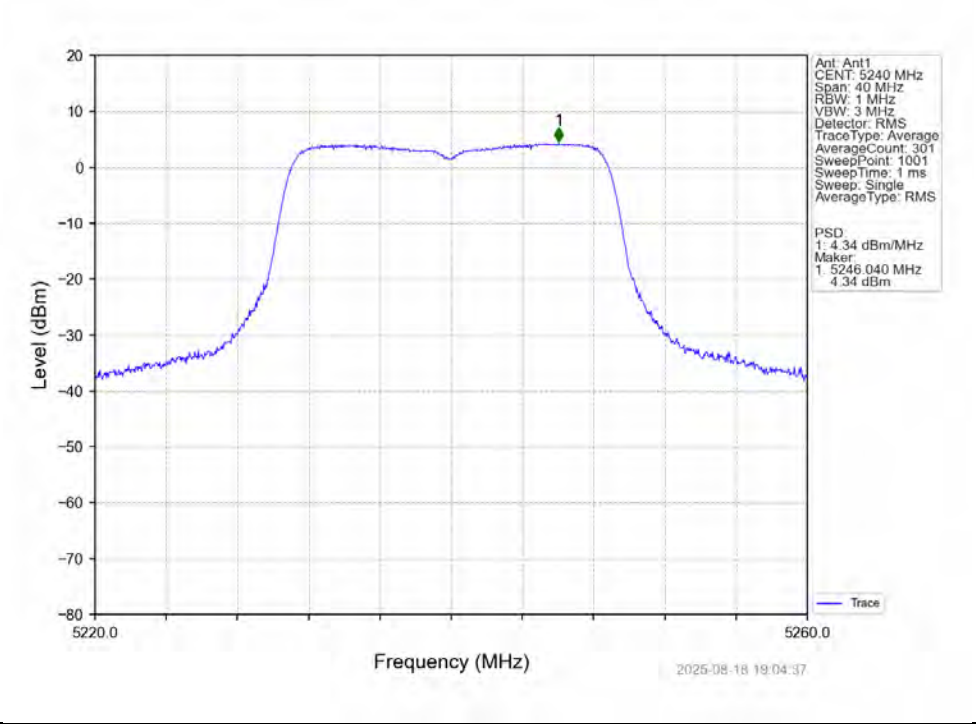
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



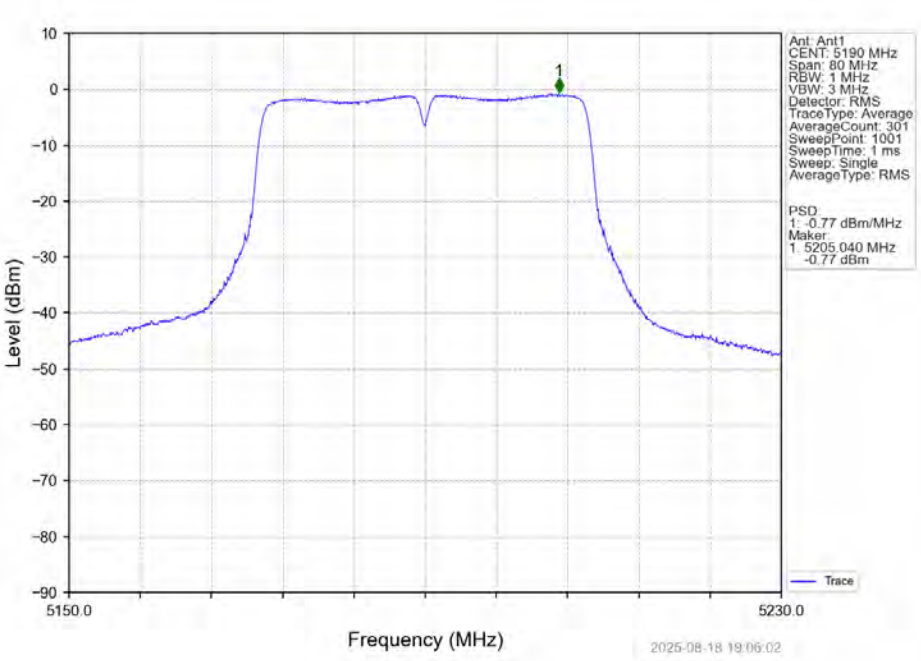
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



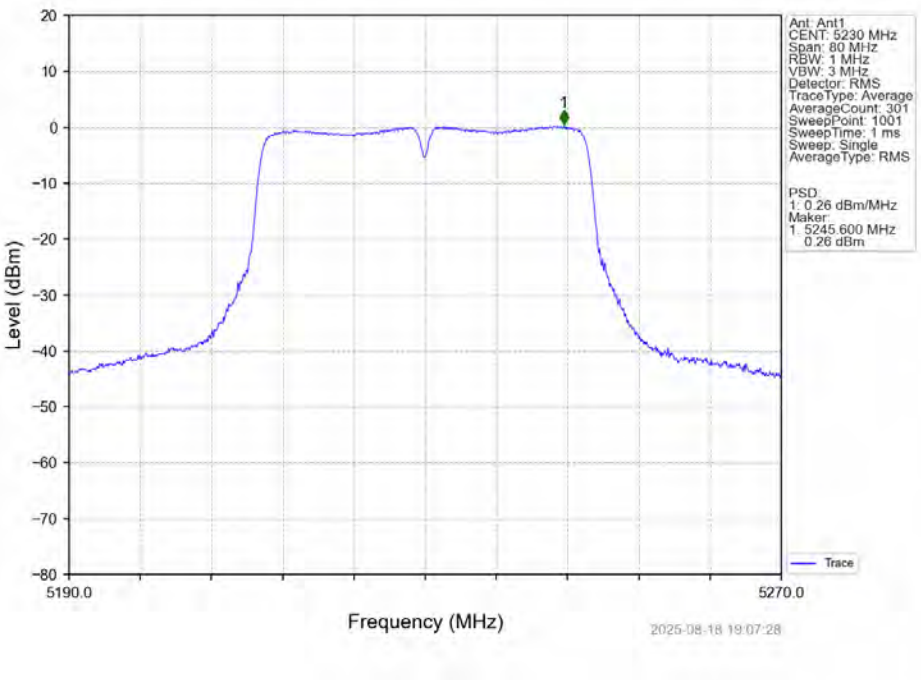
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



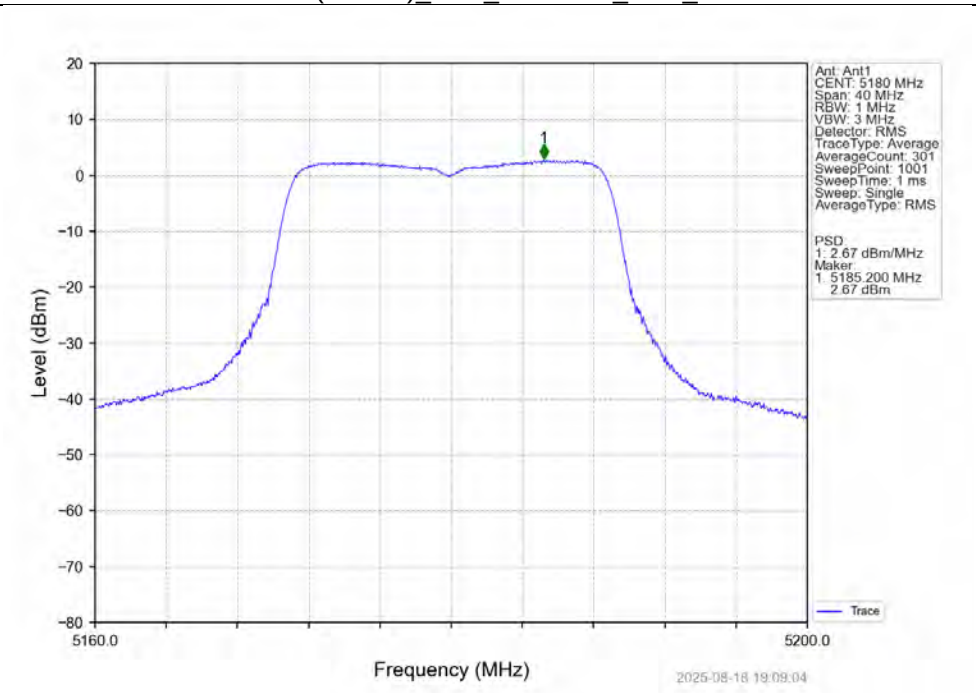
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



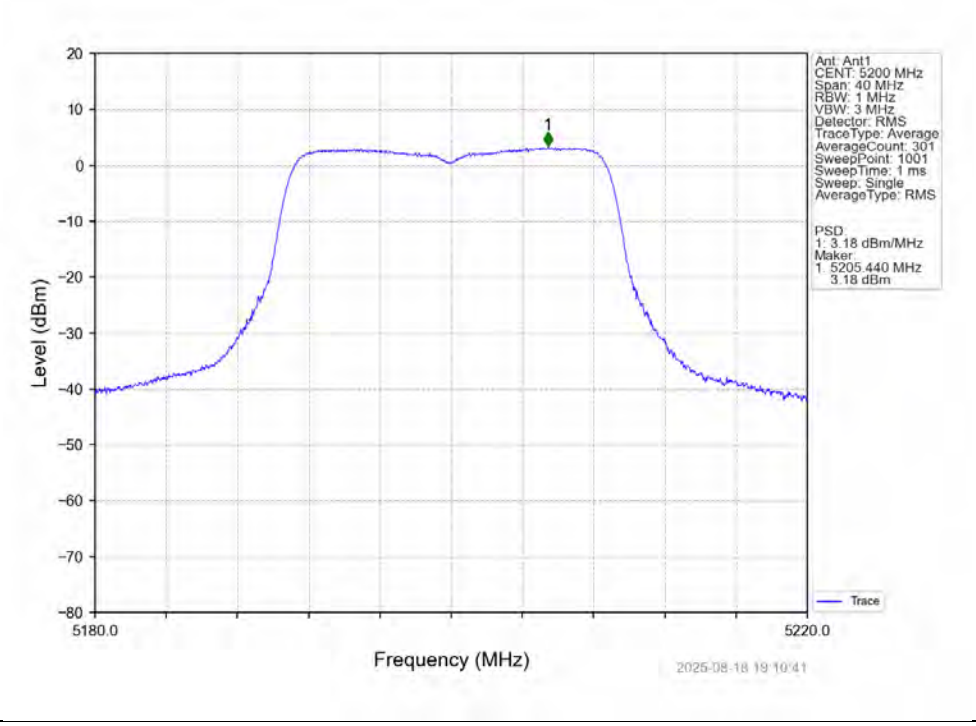
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



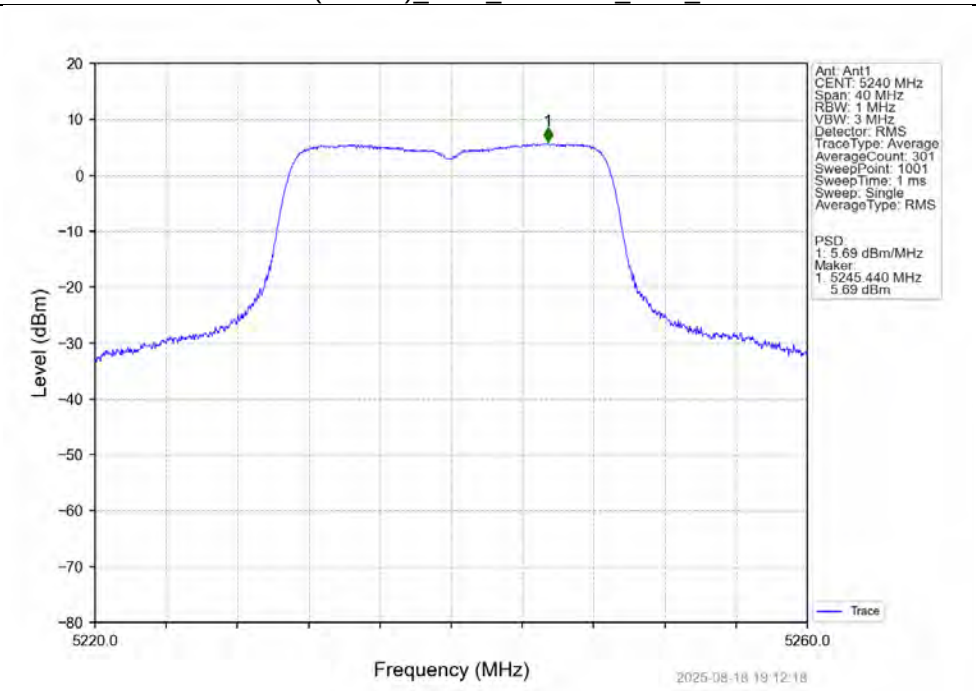
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



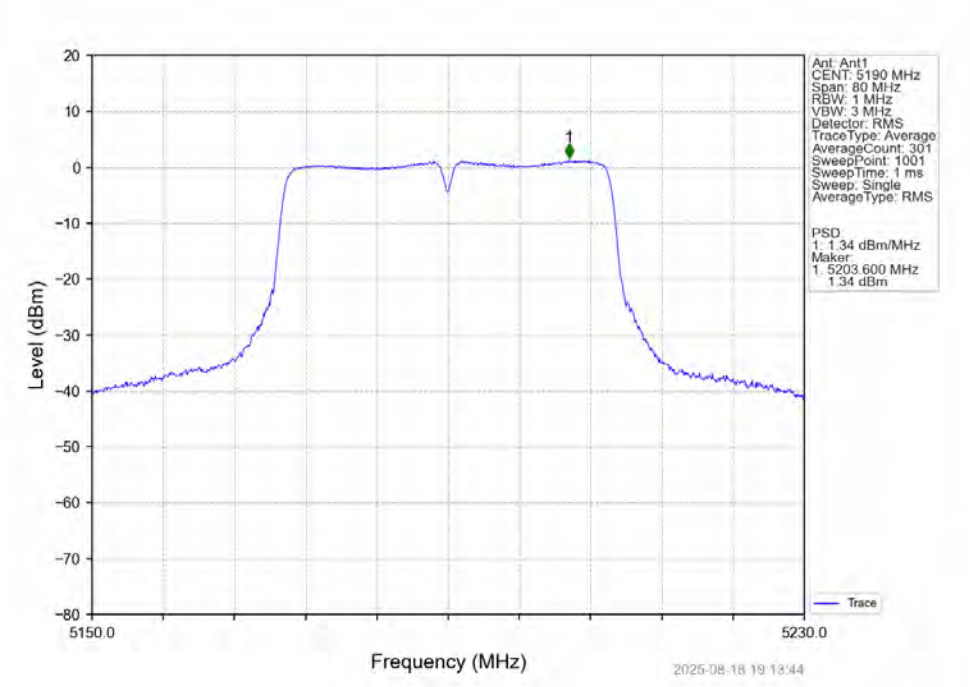
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



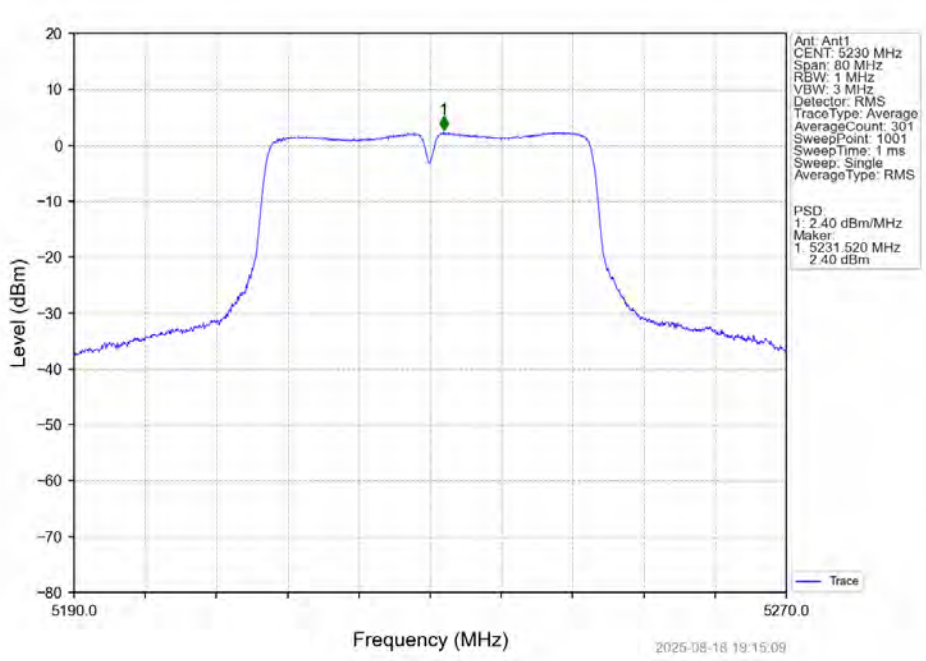
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

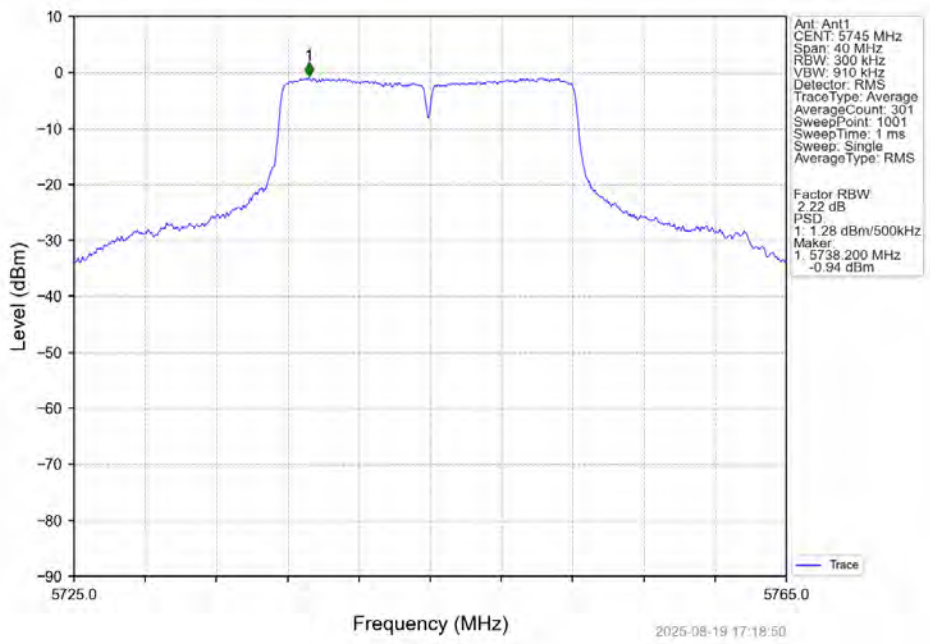


802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

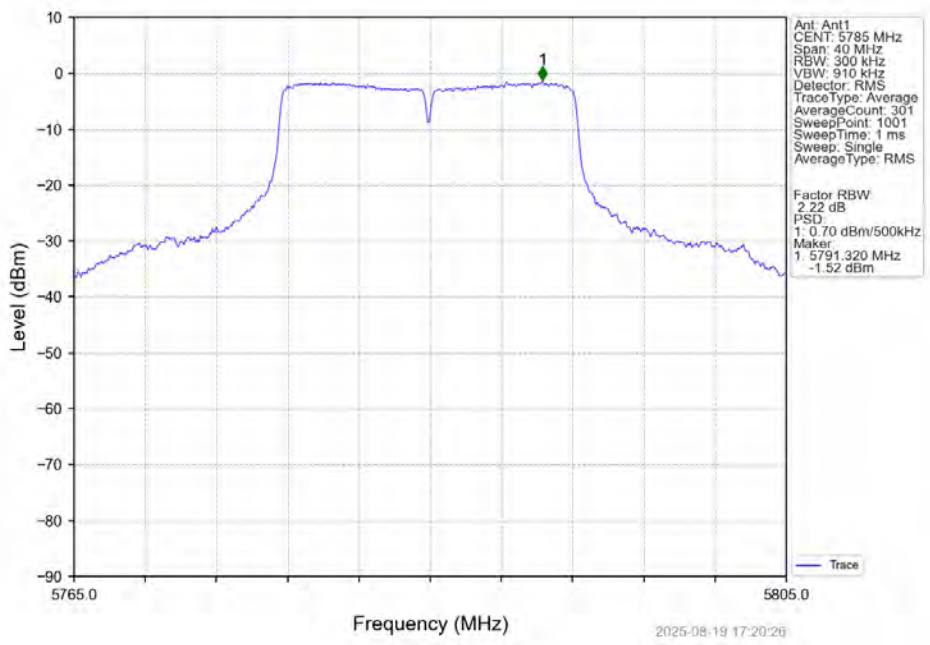


4.2.2 PSD-Band3

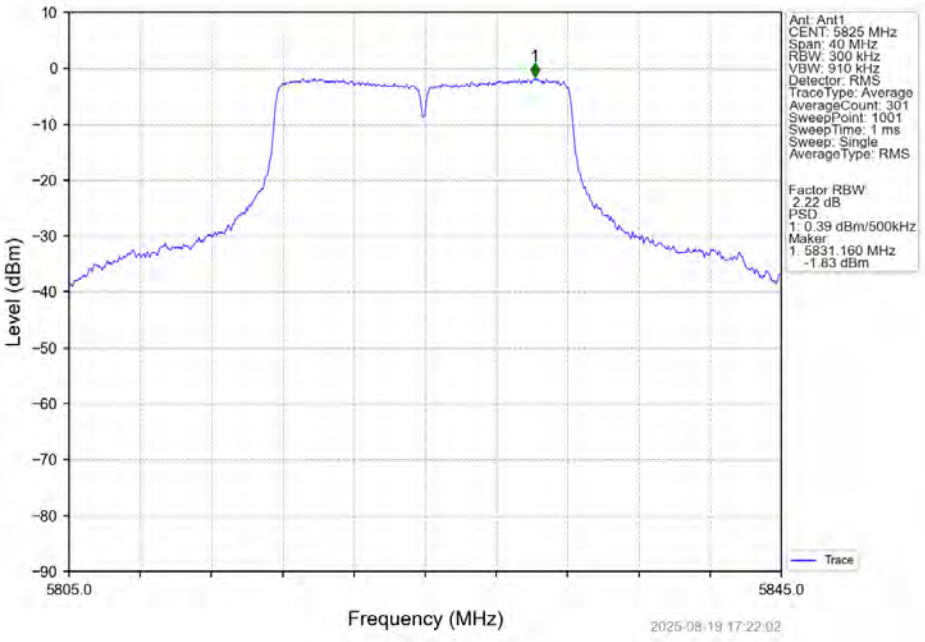
802.11a_LCH_5745MHz_Ant1_NTNV



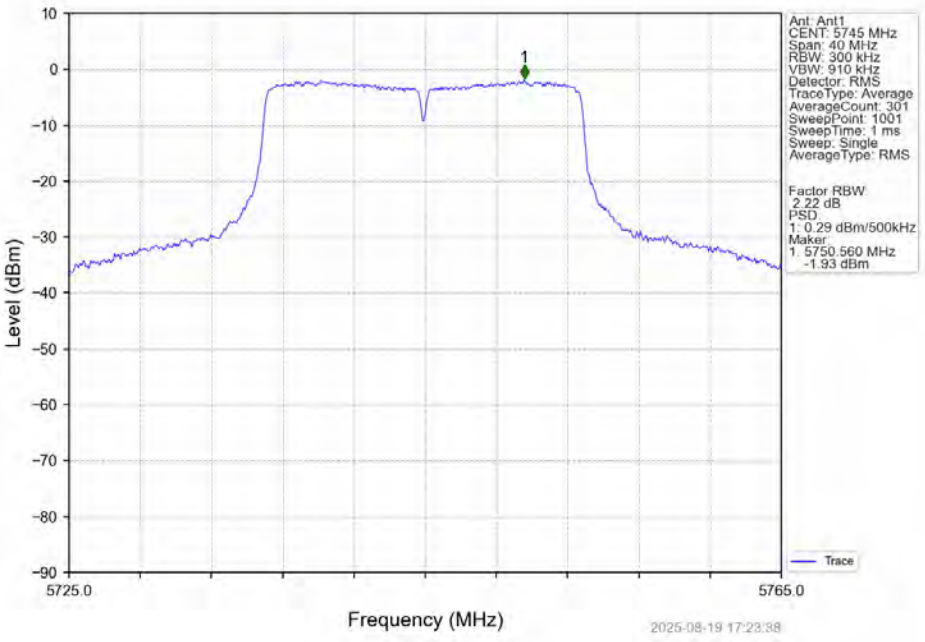
802.11a_MCH_5785MHz_Ant1_NTNV



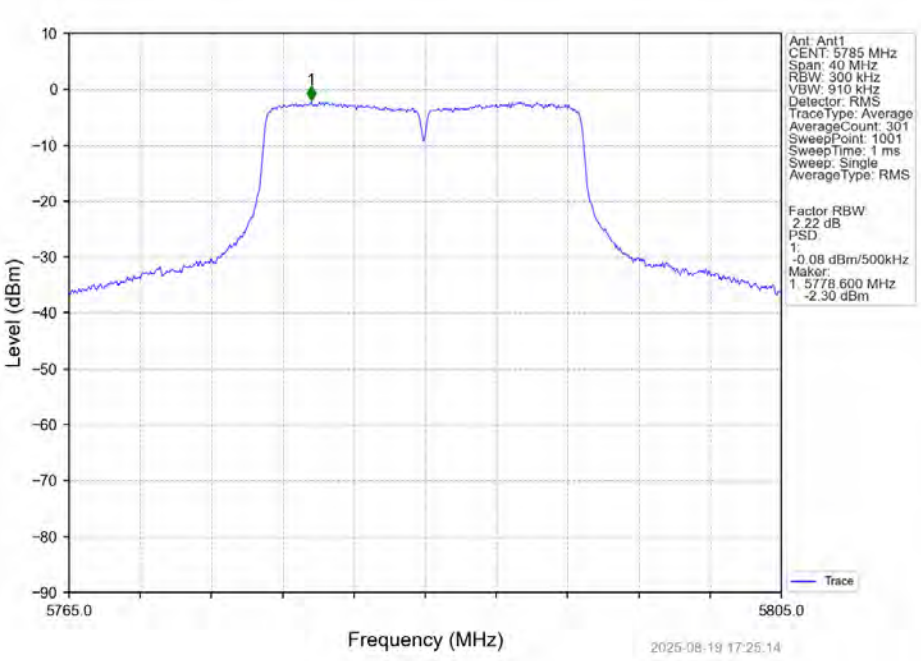
802.11a_HCH_5825MHz_Ant1_NTNV



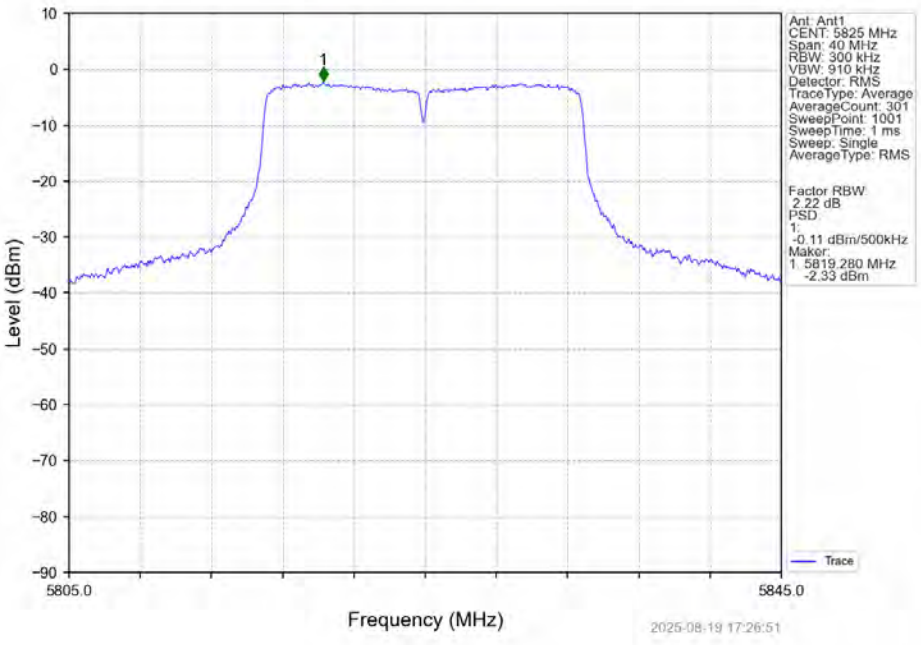
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



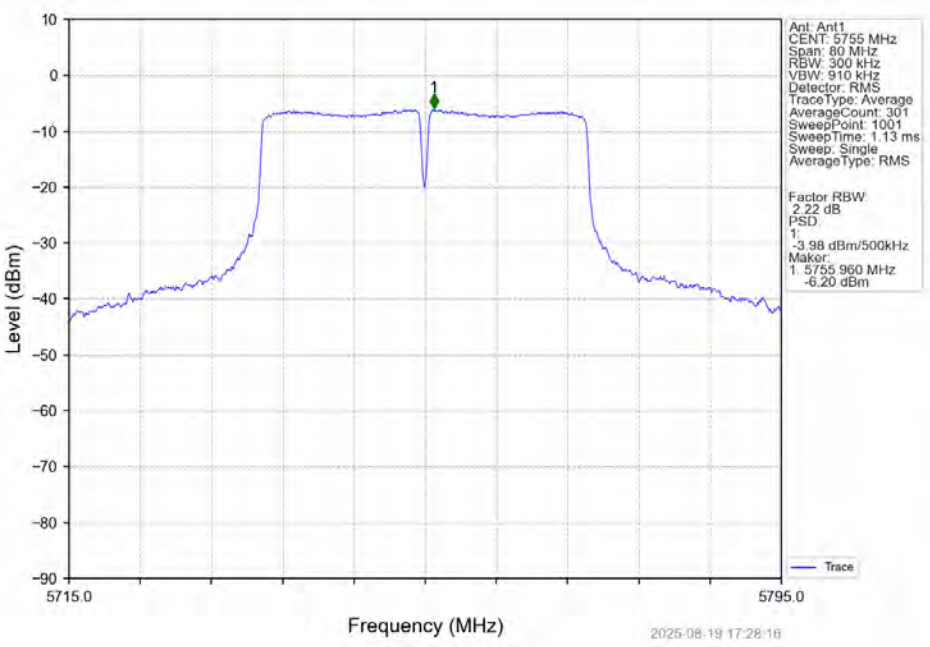
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



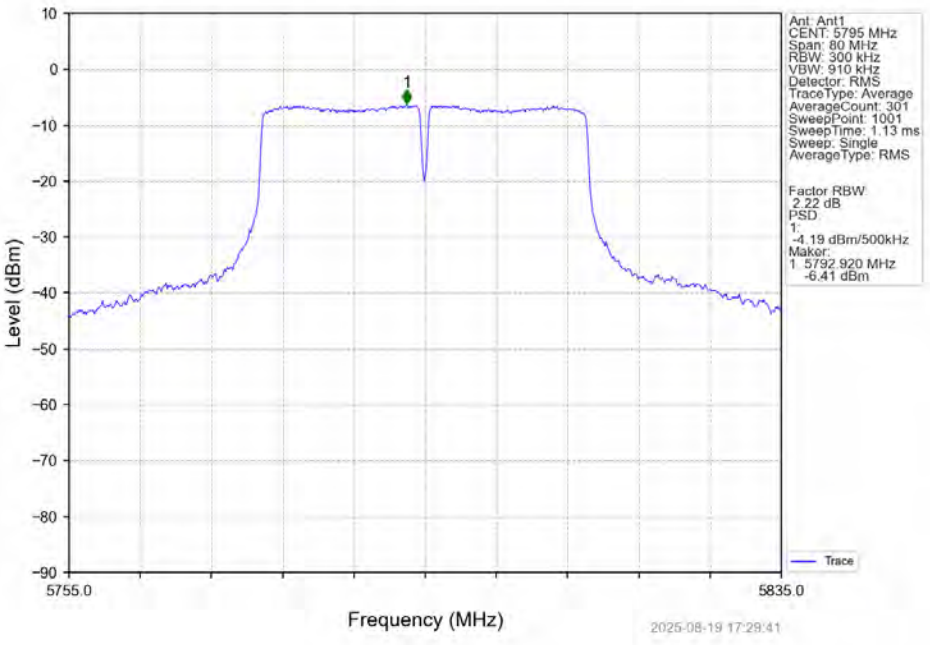
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



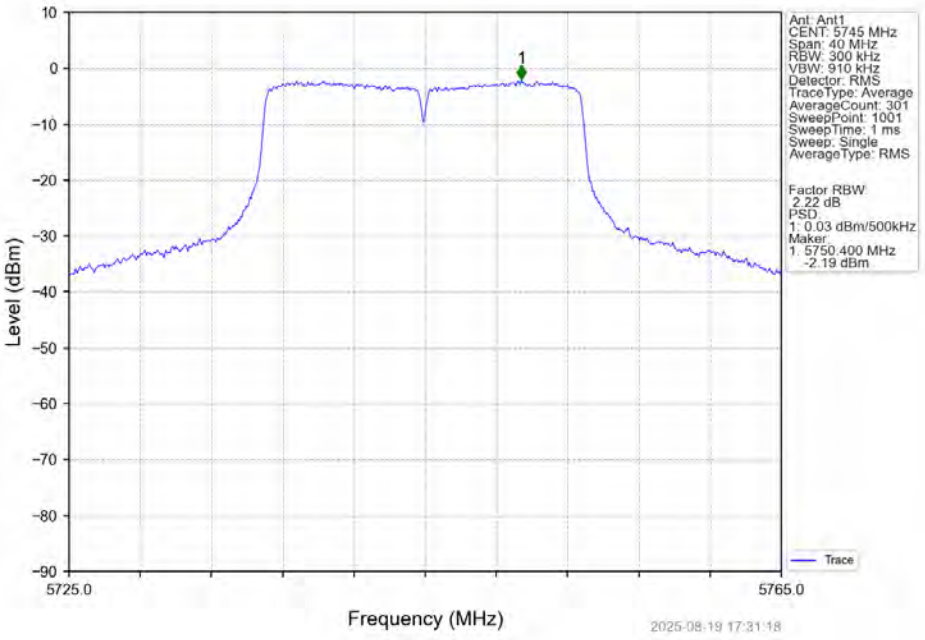
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



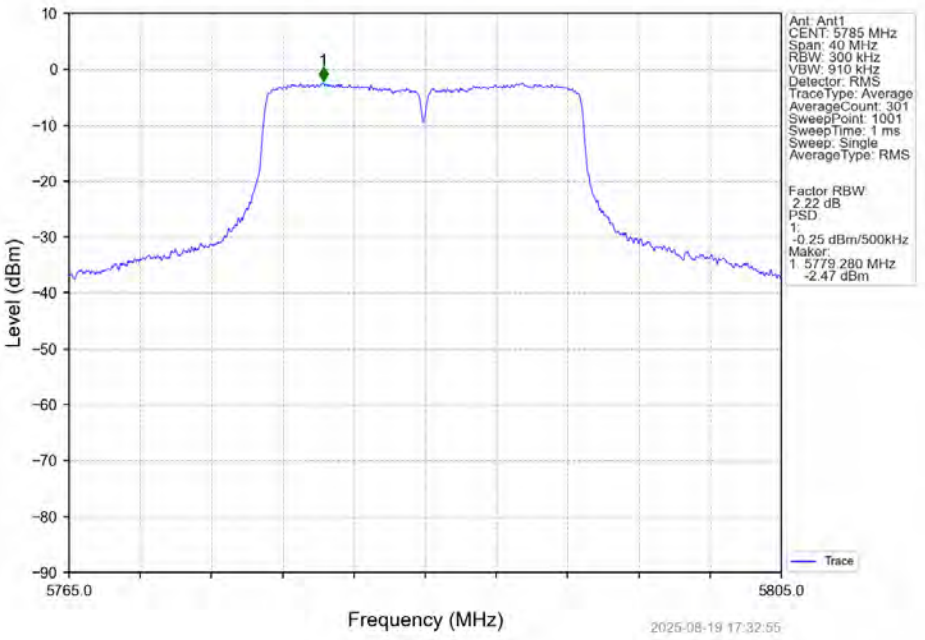
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



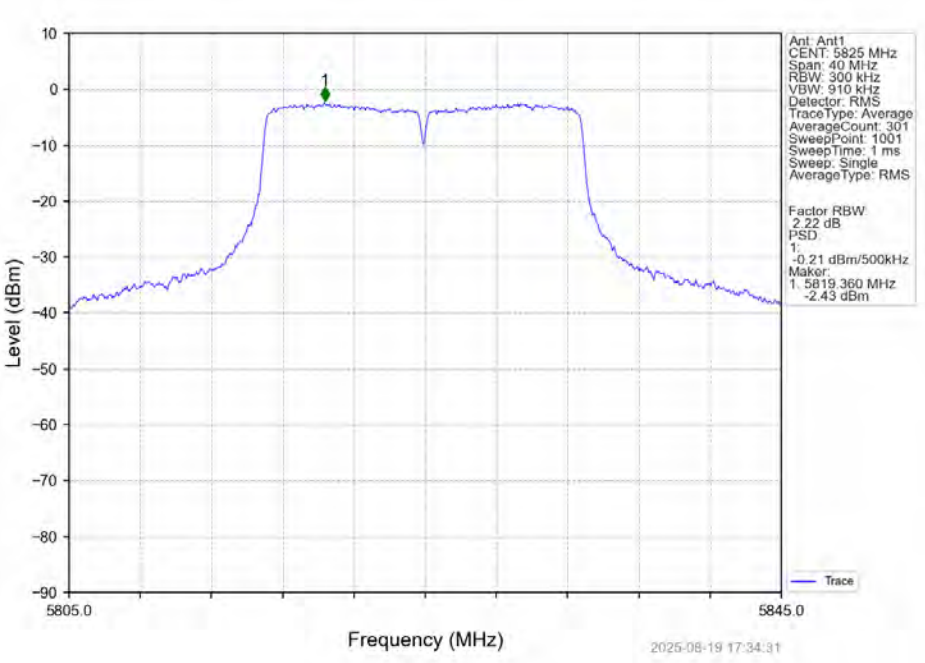
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



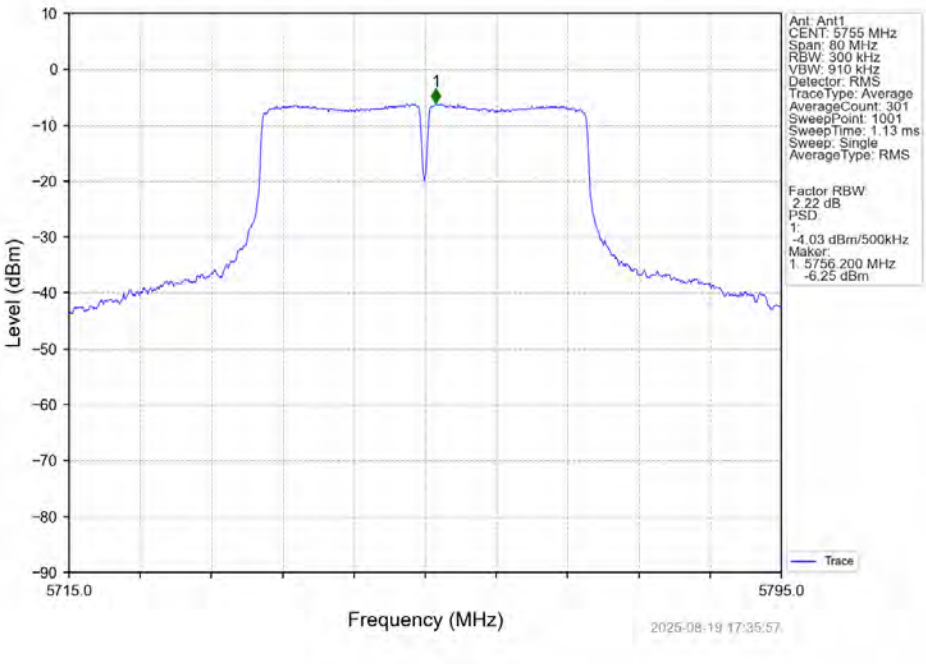
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



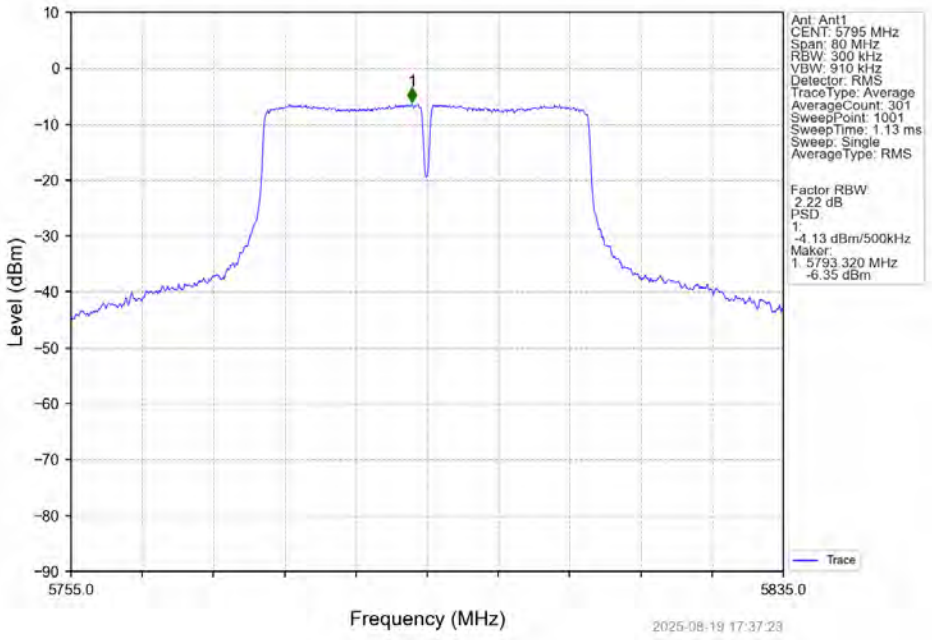
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

5.1 Test Result

5.1.1 CSE

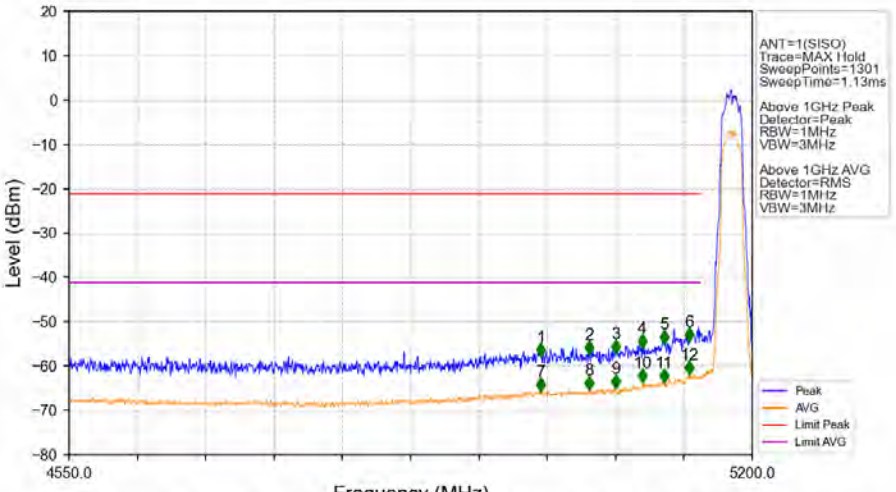
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
		5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	5180	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11ac (VHT40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
		5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass

Note:
1) EIRP[dBm]=E[dBuV/m]- 95.2, for d= 3 m;
2) Level[dBm] results have calculated the antenna gain;
3) Antenna gain= U-NII-1: 5150 MHz to 5250 MHz: 3.04 dBi and U-NII-3: 5725 MHz to 5850 MHz: 2.96 dBi

5.2 Test Graph

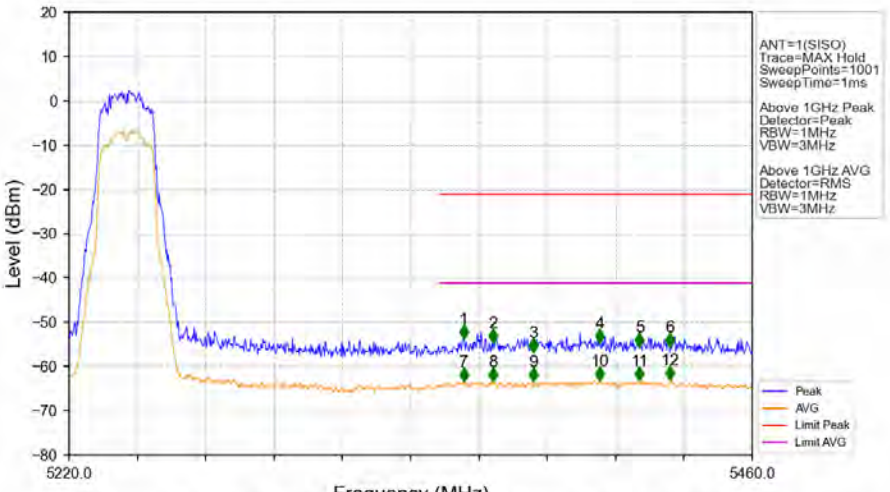
5.2.1 CSE

802.11a_LCH_5180MHz_Ant1_NTNV



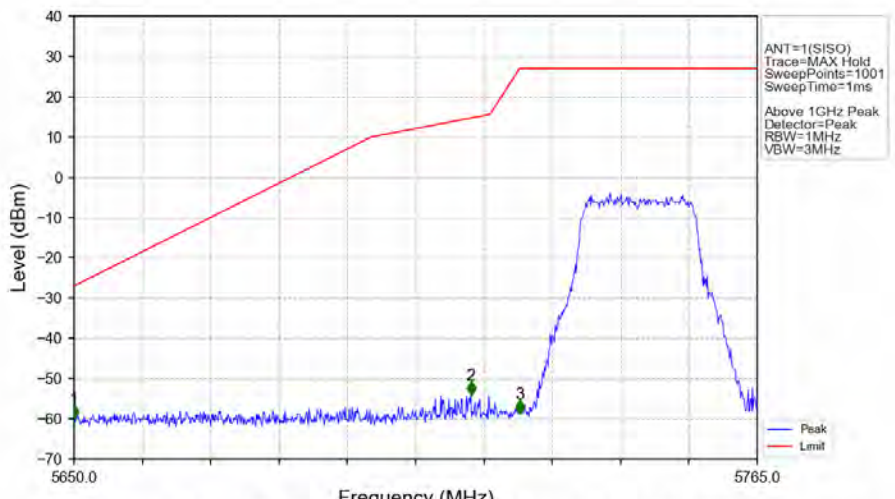
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4999.000	-57.97	-21.20	36.77	Pass	Peak	7	4999.000	-65.67	-41.20	24.47	Pass	AVG
2	5045.000	-57.38	-21.20	36.18	Pass	Peak	8	5045.000	-65.46	-41.20	24.26	Pass	AVG
3	5070.000	-57.17	-21.20	35.97	Pass	Peak	9	5070.000	-65.01	-41.20	23.81	Pass	AVG
4	5095.500	-55.84	-21.20	34.64	Pass	Peak	10	5095.500	-63.79	-41.20	22.59	Pass	AVG
5	5116.000	-55.04	-21.20	33.84	Pass	Peak	11	5116.000	-63.70	-41.20	22.50	Pass	AVG
6	5140.000	-54.36	-21.20	33.16	Pass	Peak	12	5140.000	-61.88	-41.20	20.68	Pass	AVG

802.11a_HCH_5240MHz_Ant1_NTNV



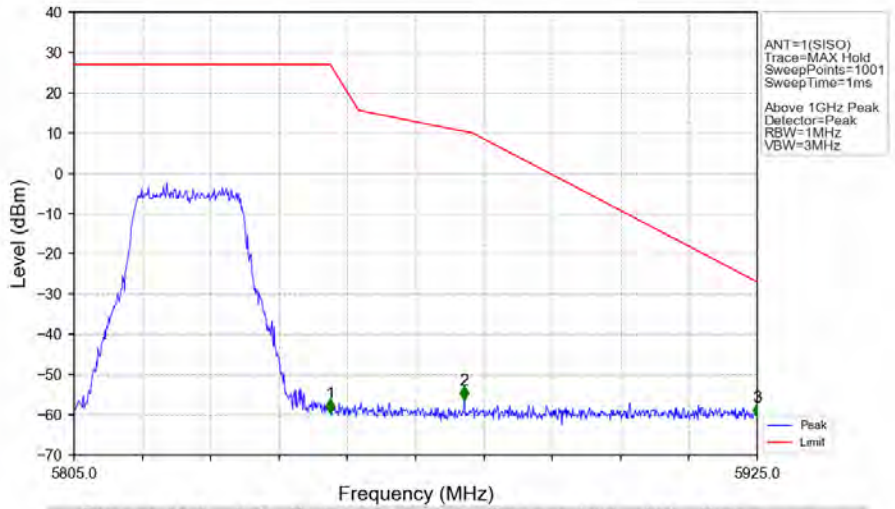
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5358.720	-53.75	-21.20	32.55	Pass	Peak	7	5358.720	-63.43	-41.20	22.23	Pass	AVG
2	5369.040	-54.62	-21.20	33.42	Pass	Peak	8	5369.040	-63.33	-41.20	22.13	Pass	AVG
3	5383.200	-56.78	-21.20	35.58	Pass	Peak	9	5383.200	-63.42	-41.20	22.22	Pass	AVG
4	5406.480	-54.64	-21.20	33.44	Pass	Peak	10	5406.480	-63.16	-41.20	21.96	Pass	AVG
5	5420.400	-55.61	-21.20	34.41	Pass	Peak	11	5420.400	-63.25	-41.20	22.05	Pass	AVG
6	5431.200	-55.50	-21.20	34.30	Pass	Peak	12	5431.200	-63.00	-41.20	21.80	Pass	AVG

802.11a_LCH_5745MHz_Ant1_NTNV



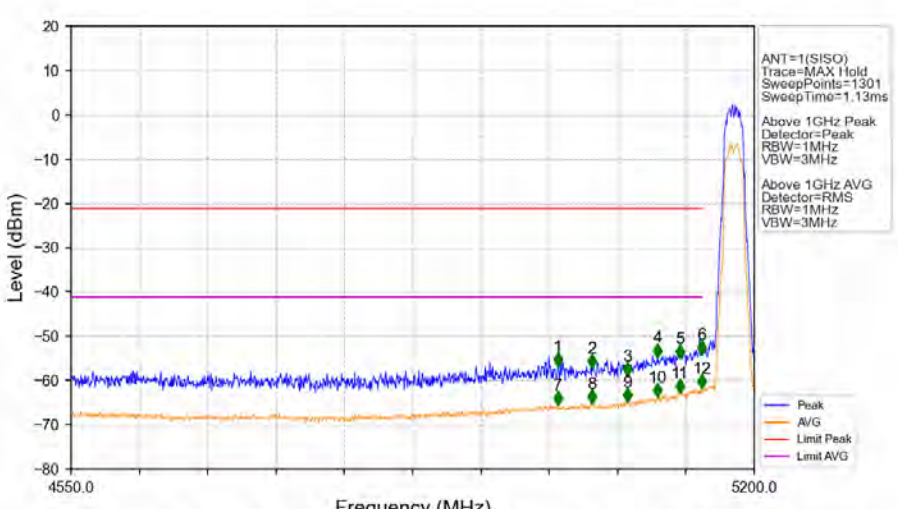
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-57.02	-27.00	30.02	Pass	Peak	3	5725.000	-55.67	27.00	82.67	Pass	Peak
2	5716.815	-51.23	14.71	65.94	Pass	Peak							

802.11a_HCH_5825MHz_Ant1_NTNV



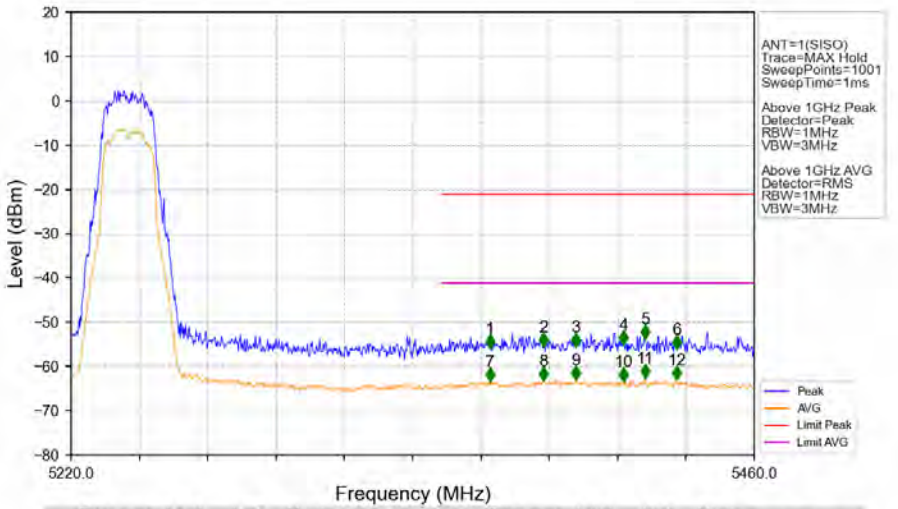
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-56.57	27.00	83.57	Pass	Peak	3	5925.000	-57.52	-27.00	30.52	Pass	Peak
2	5873.520	-53.37	10.41	63.78	Pass	Peak							

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



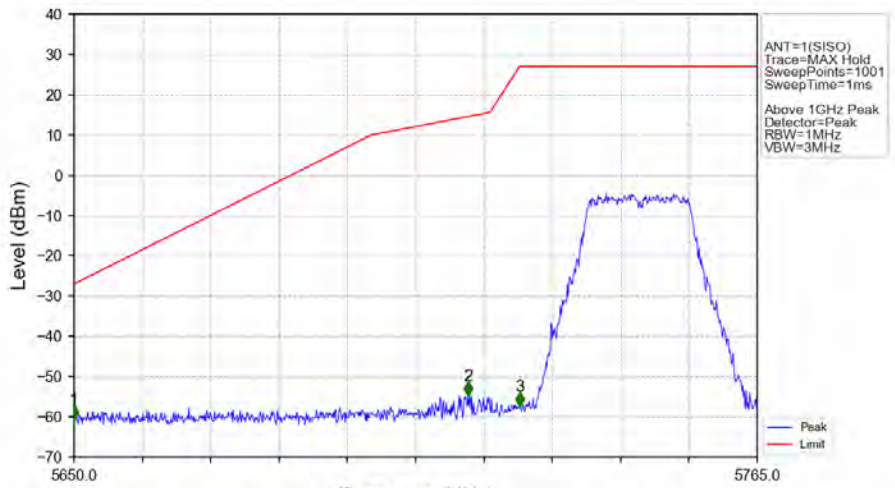
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5013.000	-56.75	-21.20	35.55	Pass	Peak	7	5013.000	-65.47	-41.20	24.27	Pass	AVG
2	5045.500	-57.16	-21.20	35.96	Pass	Peak	8	5045.500	-65.19	-41.20	23.99	Pass	AVG
3	5079.000	-59.04	-21.20	37.84	Pass	Peak	9	5079.000	-64.84	-41.20	23.64	Pass	AVG
4	5108.000	-54.72	-21.20	33.52	Pass	Peak	10	5108.000	-63.74	-41.20	22.54	Pass	AVG
5	5129.000	-55.04	-21.20	33.84	Pass	Peak	11	5129.000	-62.78	-41.20	21.58	Pass	AVG
6	5150.000	-54.00	-21.20	32.80	Pass	Peak	12	5150.000	-61.75	-41.20	20.55	Pass	AVG

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



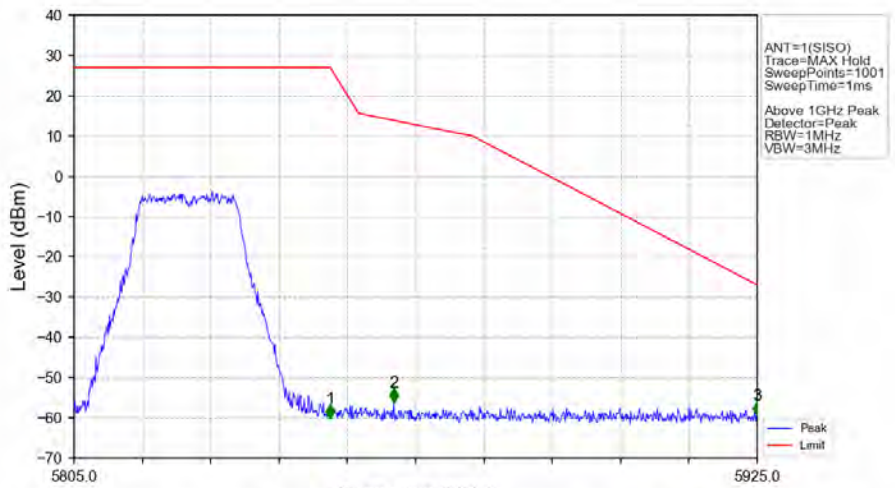
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5367.120	-55.97	-21.20	34.77	Pass	Peak	7	5367.120	-63.30	-41.20	22.10	Pass	AVG
2	5386.080	-55.61	-21.20	34.41	Pass	Peak	8	5386.080	-63.13	-41.20	21.93	Pass	AVG
3	5397.360	-55.46	-21.20	34.26	Pass	Peak	9	5397.360	-63.05	-41.20	21.85	Pass	AVG
4	5414.160	-55.03	-21.20	33.83	Pass	Peak	10	5414.160	-63.39	-41.20	22.19	Pass	AVG
5	5421.600	-53.72	-21.20	32.52	Pass	Peak	11	5421.600	-62.66	-41.20	21.46	Pass	AVG
6	5432.880	-56.06	-21.20	34.86	Pass	Peak	12	5432.880	-63.03	-41.20	21.83	Pass	AVG

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



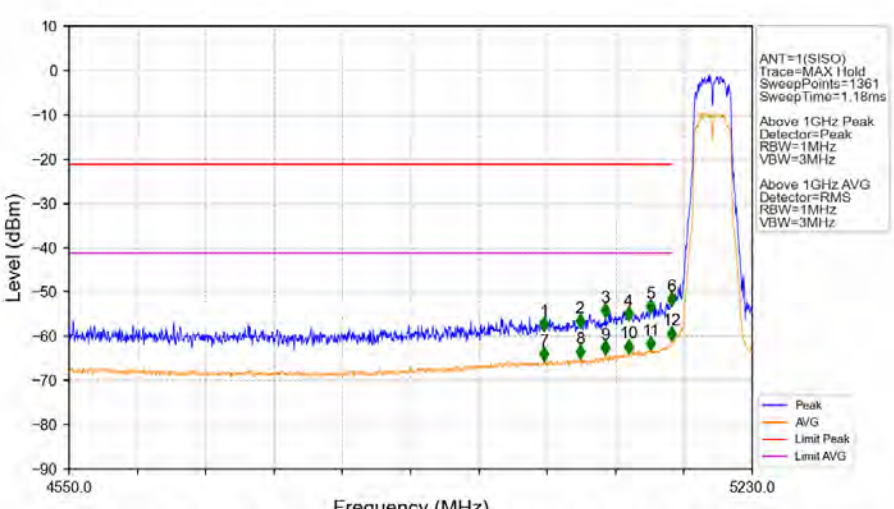
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-57.49	-27.00	30.49	Pass	Peak	3	5725.000	-54.39	27.00	81.39	Pass	Peak
2	5716.355	-51.70	14.58	66.28	Pass	Peak							

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



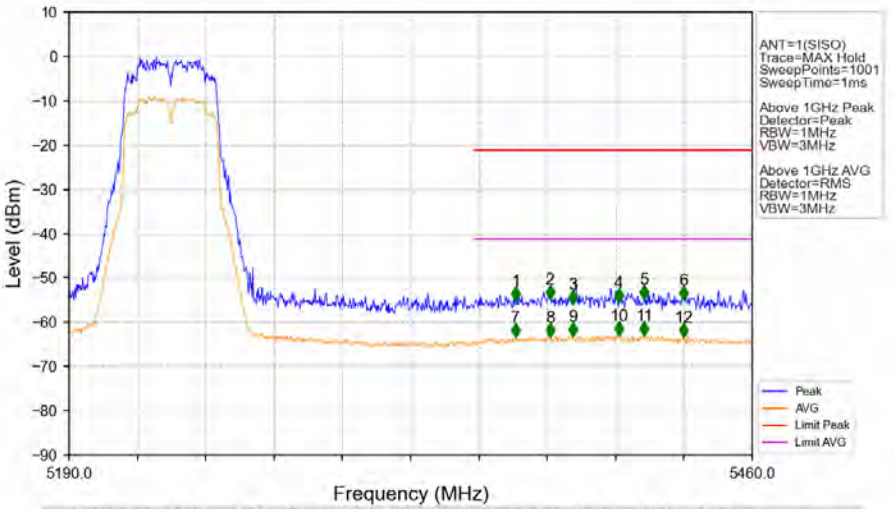
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-57.25	27.00	84.25	Pass	Peak	3	5925.000	-56.42	-27.00	29.42	Pass	Peak
2	5861.160	-53.20	13.88	67.08	Pass	Peak							

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



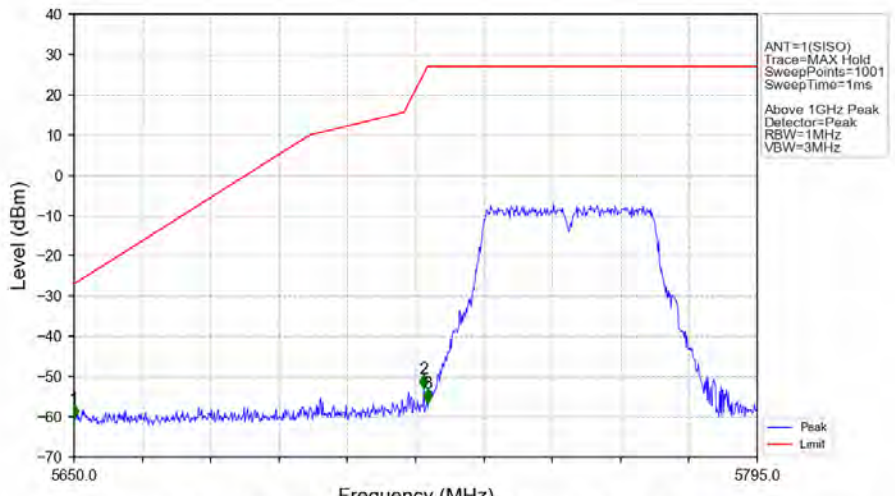
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5023.000	-58.75	-21.20	37.55	Pass	Peak	7	5023.000	-65.50	-41.20	24.30	Pass	AVG
2	5058.500	-58.01	-21.20	36.81	Pass	Peak	8	5058.500	-65.08	-41.20	23.88	Pass	AVG
3	5084.000	-55.70	-21.20	34.50	Pass	Peak	9	5084.000	-64.16	-41.20	22.96	Pass	AVG
4	5107.000	-56.38	-21.20	35.18	Pass	Peak	10	5107.000	-63.81	-41.20	22.61	Pass	AVG
5	5129.000	-54.71	-21.20	33.51	Pass	Peak	11	5129.000	-63.17	-41.20	21.97	Pass	AVG
6	5150.000	-53.21	-21.20	32.01	Pass	Peak	12	5150.000	-60.89	-41.20	19.69	Pass	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



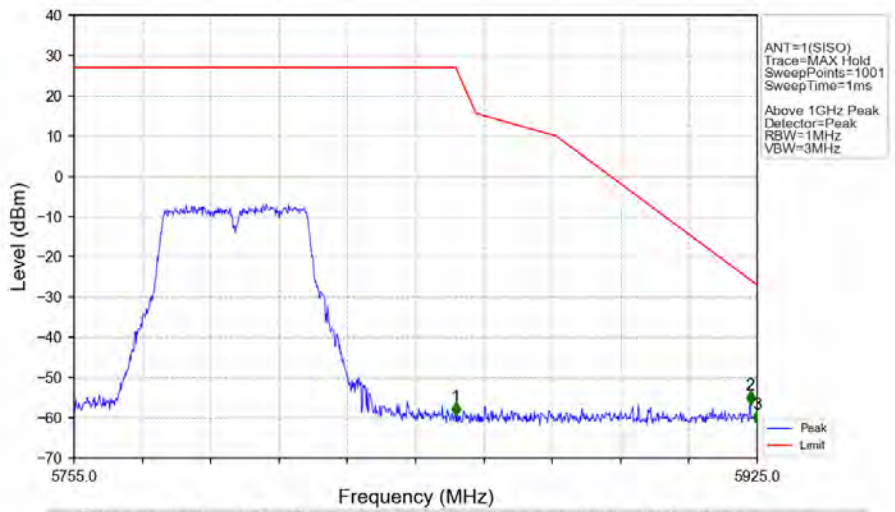
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5366.580	-55.23	-21.20	34.03	Pass	Peak	7	5366.580	-63.41	-41.20	22.21	Pass	AVG
2	5380.080	-54.72	-21.20	33.52	Pass	Peak	8	5380.080	-63.32	-41.20	22.12	Pass	AVG
3	5388.990	-55.96	-21.20	34.76	Pass	Peak	9	5388.990	-63.15	-41.20	21.95	Pass	AVG
4	5407.350	-55.56	-21.20	34.36	Pass	Peak	10	5407.350	-62.97	-41.20	21.77	Pass	AVG
5	5417.340	-54.75	-21.20	33.55	Pass	Peak	11	5417.340	-63.02	-41.20	21.82	Pass	AVG
6	5433.000	-54.94	-21.20	33.74	Pass	Peak	12	5433.000	-63.32	-41.20	22.12	Pass	AVG

802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



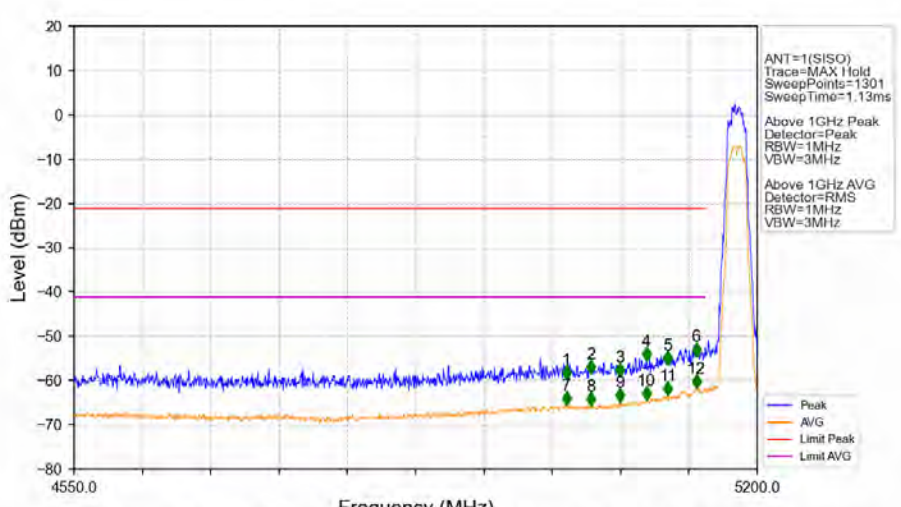
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-57.41	-27.00	30.41	Pass	Peak	3	5725.000	-53.62	27.00	80.62	Pass	Peak
2	5724.240	-50.05	25.27	75.32	Pass	Peak							

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



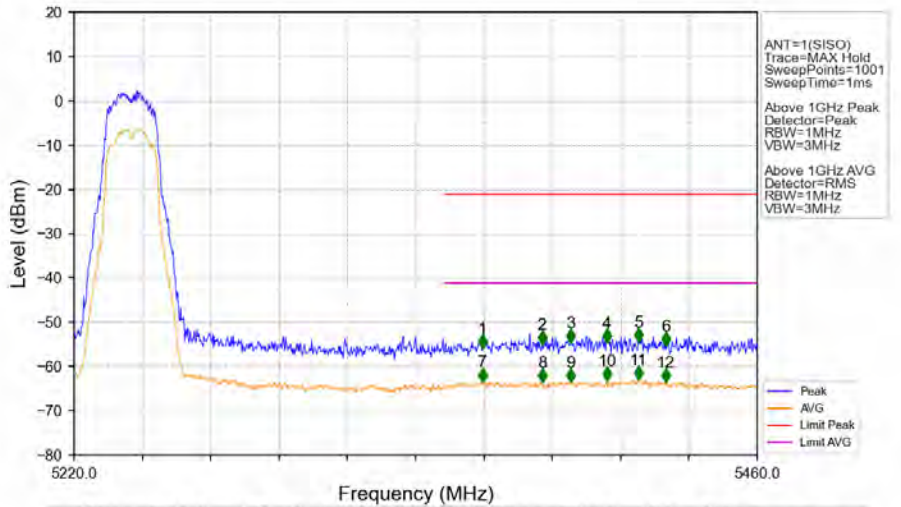
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-56.65	27.00	83.65	Pass	Peak	3	5925.000	-58.51	-27.00	31.51	Pass	Peak
2	5923.300	-53.69	-25.74	27.95	Pass	Peak							

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



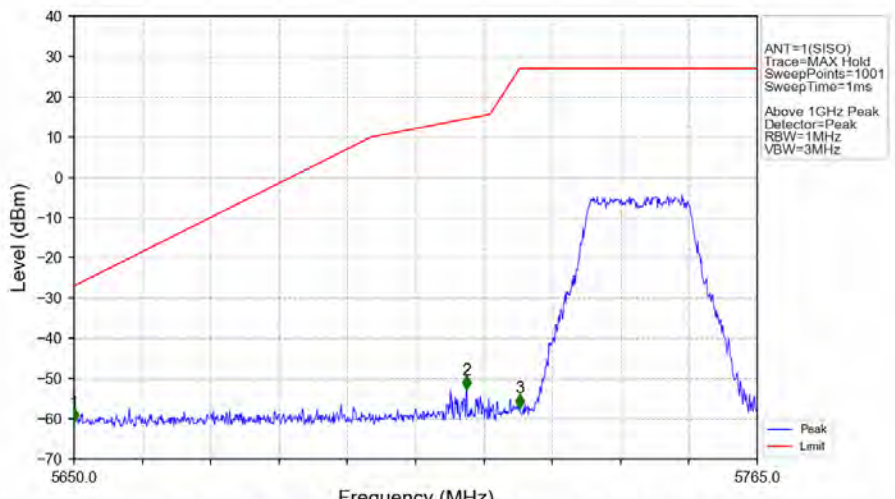
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5018.500	-59.74	-21.20	38.54	Pass	Peak	7	5018.500	-65.51	-41.20	24.31	Pass	AVG
2	5041.500	-58.43	-21.20	37.23	Pass	Peak	8	5041.500	-65.66	-41.20	24.46	Pass	AVG
3	5069.500	-59.15	-21.20	37.95	Pass	Peak	9	5069.500	-64.86	-41.20	23.66	Pass	AVG
4	5094.500	-55.62	-21.20	34.42	Pass	Peak	10	5094.500	-64.42	-41.20	23.22	Pass	AVG
5	5115.000	-56.53	-21.20	35.33	Pass	Peak	11	5115.000	-63.42	-41.20	22.22	Pass	AVG
6	5142.000	-54.53	-21.20	33.33	Pass	Peak	12	5142.000	-61.81	-41.20	20.61	Pass	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



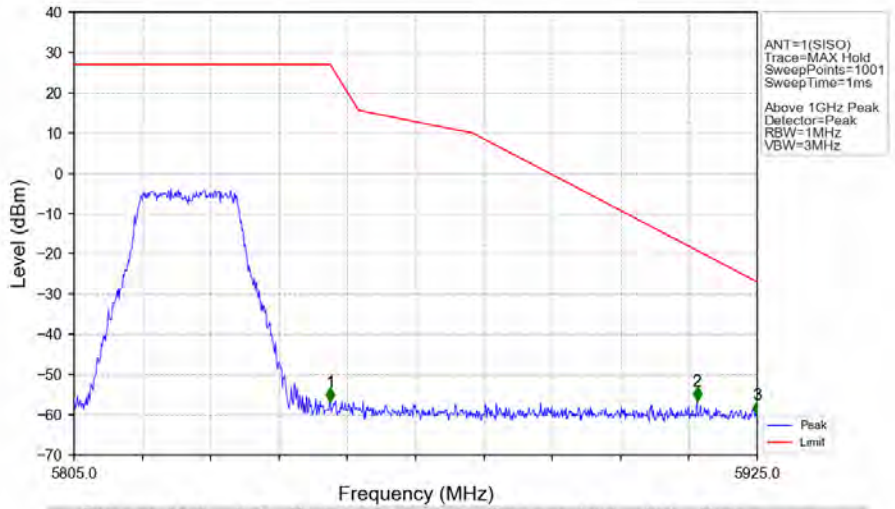
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5363.520	-55.98	-21.20	34.78	Pass	Peak	7	5363.520	-63.46	-41.20	22.26	Pass	AVG
2	5384.400	-55.01	-21.20	33.81	Pass	Peak	8	5384.400	-63.63	-41.20	22.43	Pass	AVG
3	5394.480	-54.54	-21.20	33.34	Pass	Peak	9	5394.480	-63.57	-41.20	22.37	Pass	AVG
4	5407.200	-54.57	-21.20	33.37	Pass	Peak	10	5407.200	-63.17	-41.20	21.97	Pass	AVG
5	5418.240	-54.37	-21.20	33.17	Pass	Peak	11	5418.240	-63.07	-41.20	21.87	Pass	AVG
6	5427.840	-55.31	-21.20	34.11	Pass	Peak	12	5427.840	-63.47	-41.20	22.27	Pass	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



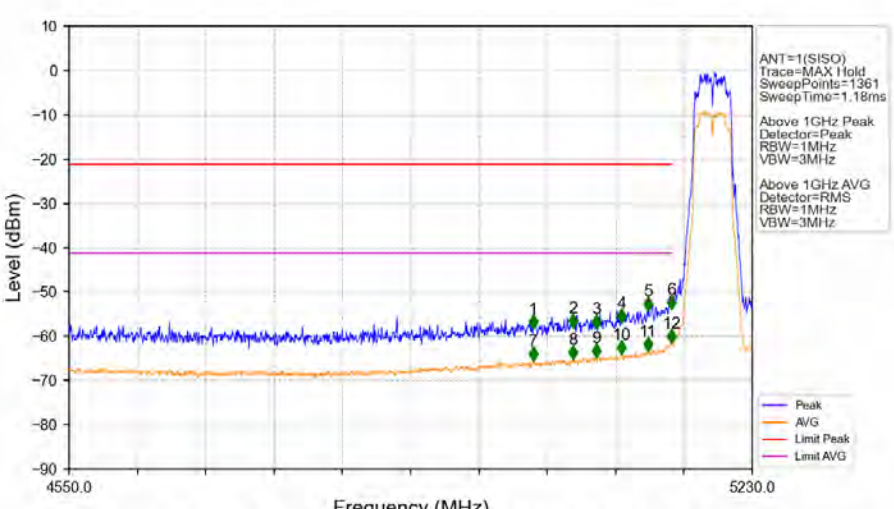
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-57.75	-27.00	30.75	Pass	Peak	3	5725.000	-54.26	27.00	81.26	Pass	Peak
2	5716.125	-49.76	14.52	64.28	Pass	Peak							

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



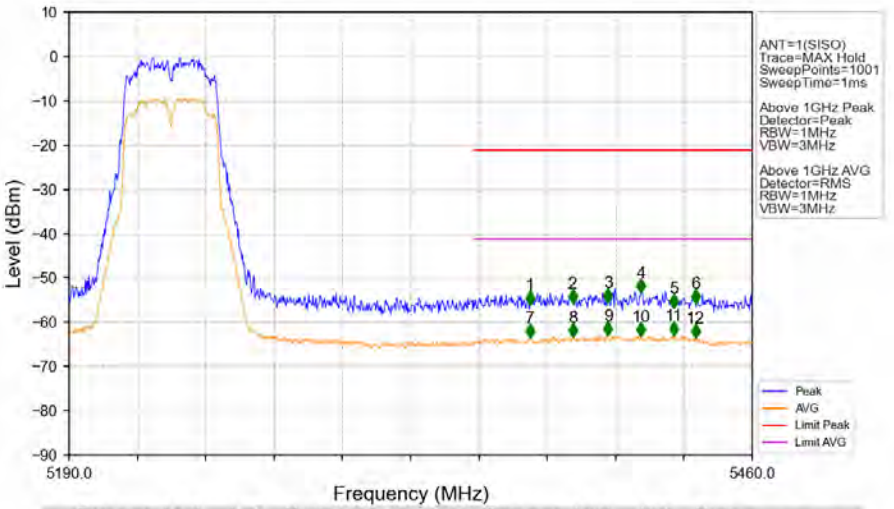
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-53.68	27.00	80.68	Pass	Peak	3	5925.000	-56.99	-27.00	29.99	Pass	Peak
2	5914.440	-53.54	-19.19	34.35	Pass	Peak							

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



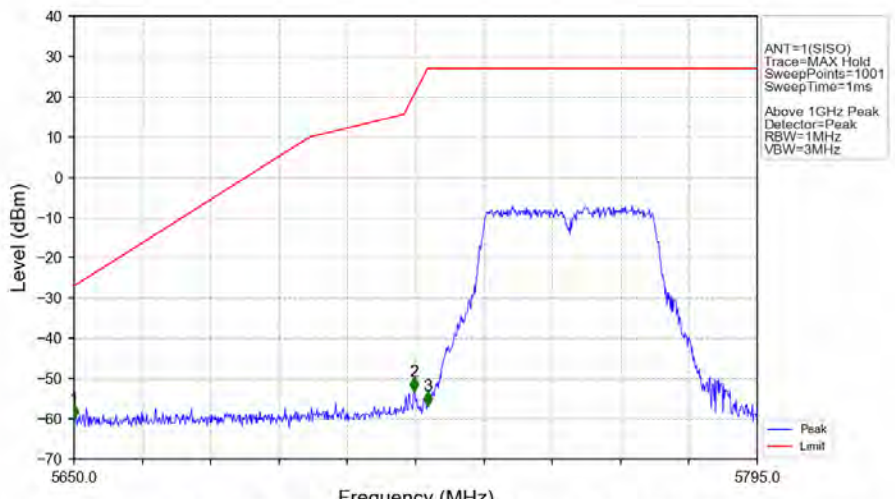
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5012.000	-58.33	-21.20	37.13	Pass	Peak	7	5012.000	-65.51	-41.20	24.31	Pass	AVG
2	5051.500	-58.08	-21.20	36.88	Pass	Peak	8	5051.500	-65.20	-41.20	24.00	Pass	AVG
3	5074.500	-58.20	-21.20	37.00	Pass	Peak	9	5074.500	-64.79	-41.20	23.59	Pass	AVG
4	5100.000	-56.90	-21.20	35.70	Pass	Peak	10	5100.000	-64.07	-41.20	22.87	Pass	AVG
5	5126.000	-54.28	-21.20	33.08	Pass	Peak	11	5126.000	-63.40	-41.20	22.20	Pass	AVG
6	5150.000	-53.97	-21.20	32.77	Pass	Peak	12	5150.000	-61.46	-41.20	20.26	Pass	AVG

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



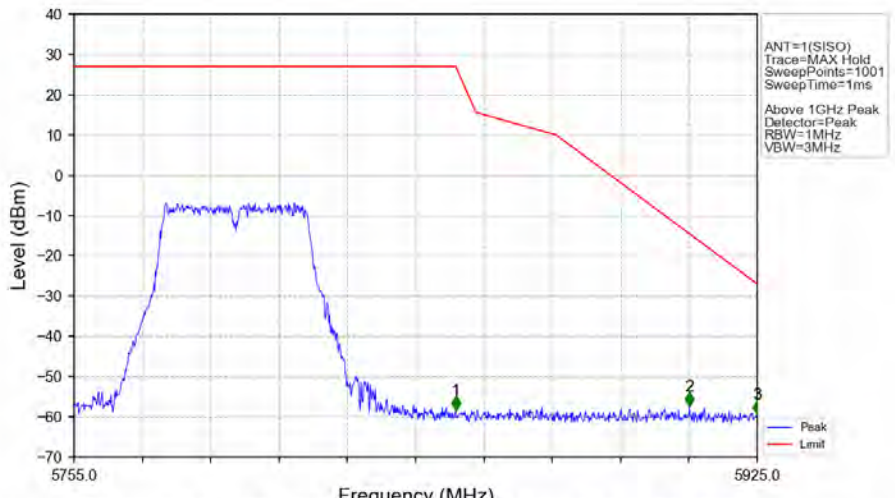
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5372.250	-55.99	-21.20	34.79	Pass	Peak	7	5372.250	-63.62	-41.20	22.42	Pass	AVG
2	5388.990	-55.70	-21.20	34.50	Pass	Peak	8	5388.990	-63.29	-41.20	22.09	Pass	AVG
3	5403.030	-55.46	-21.20	34.26	Pass	Peak	9	5403.030	-62.92	-41.20	21.72	Pass	AVG
4	5415.990	-53.41	-21.20	32.21	Pass	Peak	10	5415.990	-63.24	-41.20	22.04	Pass	AVG
5	5428.950	-56.81	-21.20	35.61	Pass	Peak	11	5428.950	-62.99	-41.20	21.79	Pass	AVG
6	5437.590	-55.78	-21.20	34.58	Pass	Peak	12	5437.590	-63.54	-41.20	22.34	Pass	AVG

802.11ac(VHT40)_LCH_5755MHz_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	5650.000	-56.98	-27.00	29.98	Pass	Peak	3	5725.000	-53.83	27.00	80.83	Pass	Peak
2	5722.210	-50.23	20.64	70.87	Pass	Peak							

802.11ac(VHT40)_HCH_5795MHz_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	5850.000	-55.27	27.00	82.27	Pass	Peak	3	5925.000	-56.33	-27.00	29.33	Pass	Peak
2	5908.170	-54.42	-14.55	39.87	Pass	Peak							

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
802.11a	SISO	5180	20	102	5179.920	5150 to 5250	Pass
				120	5179.860	5150 to 5250	Pass
				138	5179.860	5150 to 5250	Pass
			-30	120	5179.900	5150 to 5250	Pass
			-20	120	5179.860	5150 to 5250	Pass
			-10	120	5179.880	5150 to 5250	Pass
			0	120	5179.860	5150 to 5250	Pass
			10	120	5179.880	5150 to 5250	Pass
			30	120	5179.920	5150 to 5250	Pass
			40	120	5179.900	5150 to 5250	Pass
			50	120	5179.900	5150 to 5250	Pass
		5200	20	102	5199.880	5150 to 5250	Pass
				120	5199.900	5150 to 5250	Pass
				138	5199.880	5150 to 5250	Pass
			-30	120	5199.880	5150 to 5250	Pass
			-20	120	5199.880	5150 to 5250	Pass
			-10	120	5199.900	5150 to 5250	Pass
			0	120	5199.860	5150 to 5250	Pass
			10	120	5199.920	5150 to 5250	Pass
			30	120	5199.900	5150 to 5250	Pass
			40	120	5199.900	5150 to 5250	Pass
			50	120	5199.860	5150 to 5250	Pass
		5240	20	102	5239.920	5150 to 5250	Pass
				120	5239.900	5150 to 5250	Pass
				138	5239.860	5150 to 5250	Pass
			-30	120	5239.920	5150 to 5250	Pass
			-20	120	5239.900	5150 to 5250	Pass
			-10	120	5239.860	5150 to 5250	Pass
			0	120	5239.920	5150 to 5250	Pass
			10	120	5239.860	5150 to 5250	Pass
			30	120	5239.880	5150 to 5250	Pass
			40	120	5239.920	5150 to 5250	Pass
			50	120	5239.900	5150 to 5250	Pass
		5745	20	102	5744.860	5725 to 5850	Pass
				120	5744.900	5725 to 5850	Pass
				138	5744.900	5725 to 5850	Pass
			-30	120	5744.860	5725 to 5850	Pass
			-20	120	5744.900	5725 to 5850	Pass
			-10	120	5744.820	5725 to 5850	Pass
			0	120	5744.920	5725 to 5850	Pass
			10	120	5744.900	5725 to 5850	Pass

			30	120	5744.900	5725 to 5850	Pass
			40	120	5744.860	5725 to 5850	Pass
			50	120	5744.840	5725 to 5850	Pass
		5785	20	102	5784.880	5725 to 5850	Pass
				120	5784.880	5725 to 5850	Pass
				138	5784.900	5725 to 5850	Pass
			-30	120	5784.860	5725 to 5850	Pass
			-20	120	5784.880	5725 to 5850	Pass
			-10	120	5784.900	5725 to 5850	Pass
			0	120	5784.860	5725 to 5850	Pass
			10	120	5784.820	5725 to 5850	Pass
			30	120	5784.860	5725 to 5850	Pass
			40	120	5784.900	5725 to 5850	Pass
			50	120	5784.860	5725 to 5850	Pass
		5825	20	102	5824.900	5725 to 5850	Pass
				120	5824.940	5725 to 5850	Pass
				138	5824.860	5725 to 5850	Pass
			-30	120	5824.840	5725 to 5850	Pass
			-20	120	5824.900	5725 to 5850	Pass
			-10	120	5824.840	5725 to 5850	Pass
			0	120	5824.860	5725 to 5850	Pass
			10	120	5824.860	5725 to 5850	Pass
			30	120	5824.860	5725 to 5850	Pass
			40	120	5824.860	5725 to 5850	Pass
			50	120	5824.900	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	102	5179.920	5150 to 5250	Pass
				120	5179.900	5150 to 5250	Pass
				138	5179.960	5150 to 5250	Pass
			-30	120	5179.920	5150 to 5250	Pass
			-20	120	5179.920	5150 to 5250	Pass
			-10	120	5179.940	5150 to 5250	Pass
			0	120	5179.860	5150 to 5250	Pass
			10	120	5179.920	5150 to 5250	Pass
			30	120	5179.940	5150 to 5250	Pass
			40	120	5179.940	5150 to 5250	Pass
			50	120	5179.900	5150 to 5250	Pass
		5200	20	102	5199.940	5150 to 5250	Pass
				120	5199.960	5150 to 5250	Pass
				138	5199.940	5150 to 5250	Pass
			-30	120	5199.900	5150 to 5250	Pass
			-20	120	5199.920	5150 to 5250	Pass
			-10	120	5199.900	5150 to 5250	Pass
			0	120	5199.960	5150 to 5250	Pass
			10	120	5199.920	5150 to 5250	Pass
			30	120	5199.900	5150 to 5250	Pass
			40	120	5199.940	5150 to 5250	Pass
			50	120	5199.900	5150 to 5250	Pass
		5240	20	102	5239.900	5150 to 5250	Pass
				120	5239.880	5150 to 5250	Pass
				138	5239.880	5150 to 5250	Pass
			-30	120	5239.960	5150 to 5250	Pass
			-20	120	5239.900	5150 to 5250	Pass

			-10	120	5239.900	5150 to 5250	Pass
			0	120	5239.920	5150 to 5250	Pass
			10	120	5239.940	5150 to 5250	Pass
			30	120	5239.900	5150 to 5250	Pass
			40	120	5239.880	5150 to 5250	Pass
			50	120	5239.920	5150 to 5250	Pass
		5745	20	102	5744.900	5725 to 5850	Pass
				120	5744.900	5725 to 5850	Pass
				138	5744.880	5725 to 5850	Pass
			-30	120	5744.920	5725 to 5850	Pass
			-20	120	5744.880	5725 to 5850	Pass
			-10	120	5744.880	5725 to 5850	Pass
			0	120	5744.920	5725 to 5850	Pass
			10	120	5744.860	5725 to 5850	Pass
			30	120	5744.880	5725 to 5850	Pass
			40	120	5744.900	5725 to 5850	Pass
			50	120	5744.900	5725 to 5850	Pass
		5785	20	102	5784.900	5725 to 5850	Pass
				120	5784.920	5725 to 5850	Pass
				138	5784.900	5725 to 5850	Pass
			-30	120	5784.880	5725 to 5850	Pass
			-20	120	5784.860	5725 to 5850	Pass
			-10	120	5784.880	5725 to 5850	Pass
			0	120	5784.880	5725 to 5850	Pass
			10	120	5784.860	5725 to 5850	Pass
			30	120	5784.880	5725 to 5850	Pass
			40	120	5784.880	5725 to 5850	Pass
			50	120	5784.840	5725 to 5850	Pass
		5825	20	102	5824.860	5725 to 5850	Pass
				120	5824.900	5725 to 5850	Pass
				138	5824.900	5725 to 5850	Pass
			-30	120	5824.920	5725 to 5850	Pass
			-20	120	5824.880	5725 to 5850	Pass
			-10	120	5824.880	5725 to 5850	Pass
			0	120	5824.880	5725 to 5850	Pass
			10	120	5824.860	5725 to 5850	Pass
			30	120	5824.860	5725 to 5850	Pass
			40	120	5824.880	5725 to 5850	Pass
			50	120	5824.920	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	102	5189.960	5150 to 5250	Pass
				120	5189.920	5150 to 5250	Pass
				138	5190.040	5150 to 5250	Pass
			-30	120	5189.920	5150 to 5250	Pass
			-20	120	5190.000	5150 to 5250	Pass
			-10	120	5189.960	5150 to 5250	Pass
			0	120	5189.920	5150 to 5250	Pass
			10	120	5189.960	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5190.040	5150 to 5250	Pass
			50	120	5189.920	5150 to 5250	Pass
		5230	20	102	5230.040	5150 to 5250	Pass
				120	5229.960	5150 to 5250	Pass

				138	5230.000	5150 to 5250	Pass
			-30	120	5230.000	5150 to 5250	Pass
			-20	120	5230.000	5150 to 5250	Pass
			-10	120	5229.960	5150 to 5250	Pass
			0	120	5229.960	5150 to 5250	Pass
			10	120	5229.960	5150 to 5250	Pass
			30	120	5230.000	5150 to 5250	Pass
			40	120	5230.000	5150 to 5250	Pass
			50	120	5229.960	5150 to 5250	Pass
		5755	20	102	5754.960	5725 to 5850	Pass
				120	5754.960	5725 to 5850	Pass
				138	5754.960	5725 to 5850	Pass
			-30	120	5754.920	5725 to 5850	Pass
			-20	120	5754.920	5725 to 5850	Pass
			-10	120	5754.920	5725 to 5850	Pass
			0	120	5754.960	5725 to 5850	Pass
			10	120	5754.920	5725 to 5850	Pass
			30	120	5754.920	5725 to 5850	Pass
			40	120	5754.960	5725 to 5850	Pass
			50	120	5754.920	5725 to 5850	Pass
		5795	20	102	5795.000	5725 to 5850	Pass
				120	5794.960	5725 to 5850	Pass
				138	5794.920	5725 to 5850	Pass
			-30	120	5794.920	5725 to 5850	Pass
			-20	120	5794.960	5725 to 5850	Pass
			-10	120	5795.000	5725 to 5850	Pass
			0	120	5794.960	5725 to 5850	Pass
			10	120	5794.920	5725 to 5850	Pass
			30	120	5794.920	5725 to 5850	Pass
			40	120	5794.920	5725 to 5850	Pass
			50	120	5794.960	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	20	102	5179.920	5150 to 5250	Pass
				120	5179.940	5150 to 5250	Pass
				138	5179.940	5150 to 5250	Pass
			-30	120	5179.920	5150 to 5250	Pass
			-20	120	5179.900	5150 to 5250	Pass
			-10	120	5179.920	5150 to 5250	Pass
			0	120	5179.940	5150 to 5250	Pass
			10	120	5179.920	5150 to 5250	Pass
			30	120	5179.940	5150 to 5250	Pass
			40	120	5179.900	5150 to 5250	Pass
			50	120	5179.940	5150 to 5250	Pass
		5200	20	102	5199.920	5150 to 5250	Pass
				120	5199.900	5150 to 5250	Pass
				138	5199.920	5150 to 5250	Pass
			-30	120	5199.940	5150 to 5250	Pass
			-20	120	5199.920	5150 to 5250	Pass
			-10	120	5199.920	5150 to 5250	Pass
			0	120	5199.940	5150 to 5250	Pass
			10	120	5199.880	5150 to 5250	Pass
			30	120	5199.900	5150 to 5250	Pass
			40	120	5199.920	5150 to 5250	Pass

			50	120	5199.900	5150 to 5250	Pass
		5240	20	102	5239.920	5150 to 5250	Pass
				120	5239.940	5150 to 5250	Pass
				138	5239.920	5150 to 5250	Pass
			-30	120	5239.920	5150 to 5250	Pass
			-20	120	5239.920	5150 to 5250	Pass
			-10	120	5239.920	5150 to 5250	Pass
			0	120	5239.920	5150 to 5250	Pass
			10	120	5239.940	5150 to 5250	Pass
			30	120	5239.940	5150 to 5250	Pass
			40	120	5239.900	5150 to 5250	Pass
			50	120	5239.920	5150 to 5250	Pass
		5745	20	102	5744.880	5725 to 5850	Pass
				120	5744.920	5725 to 5850	Pass
				138	5744.860	5725 to 5850	Pass
			-30	120	5744.920	5725 to 5850	Pass
			-20	120	5744.920	5725 to 5850	Pass
			-10	120	5744.860	5725 to 5850	Pass
			0	120	5744.920	5725 to 5850	Pass
			10	120	5744.940	5725 to 5850	Pass
			30	120	5744.880	5725 to 5850	Pass
			40	120	5744.860	5725 to 5850	Pass
			50	120	5744.900	5725 to 5850	Pass
		5785	20	102	5784.860	5725 to 5850	Pass
				120	5784.980	5725 to 5850	Pass
				138	5784.900	5725 to 5850	Pass
			-30	120	5784.920	5725 to 5850	Pass
			-20	120	5784.900	5725 to 5850	Pass
			-10	120	5784.920	5725 to 5850	Pass
			0	120	5784.880	5725 to 5850	Pass
			10	120	5784.880	5725 to 5850	Pass
			30	120	5784.880	5725 to 5850	Pass
			40	120	5784.920	5725 to 5850	Pass
			50	120	5784.900	5725 to 5850	Pass
		5825	20	102	5824.900	5725 to 5850	Pass
				120	5824.900	5725 to 5850	Pass
				138	5824.840	5725 to 5850	Pass
			-30	120	5824.880	5725 to 5850	Pass
			-20	120	5824.900	5725 to 5850	Pass
			-10	120	5824.920	5725 to 5850	Pass
			0	120	5824.920	5725 to 5850	Pass
			10	120	5824.940	5725 to 5850	Pass
			30	120	5824.880	5725 to 5850	Pass
			40	120	5824.900	5725 to 5850	Pass
			50	120	5824.900	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	20	102	5190.000	5150 to 5250	Pass
				120	5190.000	5150 to 5250	Pass
				138	5190.040	5150 to 5250	Pass
			-30	120	5189.960	5150 to 5250	Pass
			-20	120	5189.920	5150 to 5250	Pass
			-10	120	5189.960	5150 to 5250	Pass
			0	120	5189.960	5150 to 5250	Pass

			10	120	5189.920	5150 to 5250	Pass
			30	120	5189.960	5150 to 5250	Pass
			40	120	5190.000	5150 to 5250	Pass
			50	120	5189.920	5150 to 5250	Pass
		5230	20	102	5229.960	5150 to 5250	Pass
				120	5229.960	5150 to 5250	Pass
				138	5229.880	5150 to 5250	Pass
			-30	120	5229.960	5150 to 5250	Pass
			-20	120	5229.960	5150 to 5250	Pass
			-10	120	5229.960	5150 to 5250	Pass
			0	120	5230.040	5150 to 5250	Pass
			10	120	5230.000	5150 to 5250	Pass
			30	120	5230.040	5150 to 5250	Pass
			40	120	5229.960	5150 to 5250	Pass
			50	120	5229.880	5150 to 5250	Pass
		5755	20	102	5754.880	5725 to 5850	Pass
				120	5754.920	5725 to 5850	Pass
				138	5754.920	5725 to 5850	Pass
			-30	120	5754.960	5725 to 5850	Pass
			-20	120	5754.880	5725 to 5850	Pass
			-10	120	5754.960	5725 to 5850	Pass
			0	120	5754.920	5725 to 5850	Pass
			10	120	5754.960	5725 to 5850	Pass
			30	120	5754.880	5725 to 5850	Pass
			40	120	5754.920	5725 to 5850	Pass
			50	120	5754.960	5725 to 5850	Pass
		5795	20	102	5794.920	5725 to 5850	Pass
				120	5794.920	5725 to 5850	Pass
				138	5794.920	5725 to 5850	Pass
			-30	120	5794.920	5725 to 5850	Pass
			-20	120	5794.960	5725 to 5850	Pass
			-10	120	5794.920	5725 to 5850	Pass
			0	120	5794.880	5725 to 5850	Pass
			10	120	5794.920	5725 to 5850	Pass
			30	120	5794.880	5725 to 5850	Pass
			40	120	5794.960	5725 to 5850	Pass
			50	120	5794.920	5725 to 5850	Pass

--------- End of Report -------