

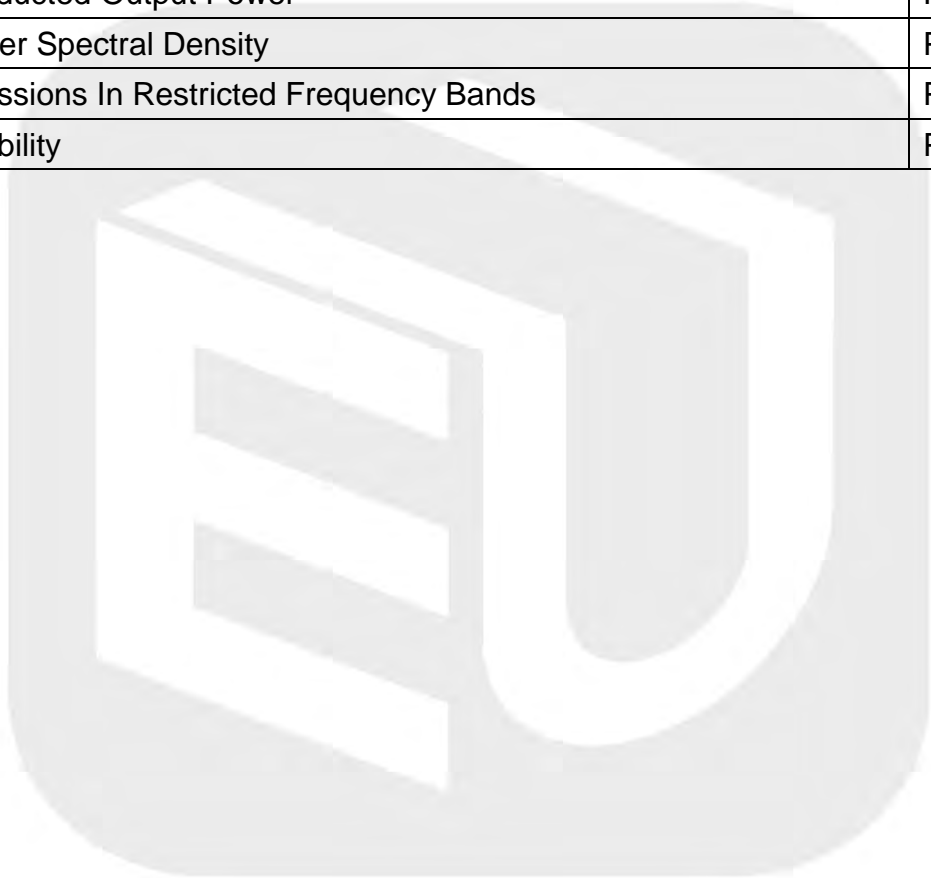
ANNEX G TEST DATA

For

Project No.:	8228EU011509W
Client:	Hena Digital Technology (Shenzhen) Co., Ltd.
Product Name:	Tablet PC
Model No.:	EID-1400
FCC ID:	M7C-EID1400
Technology:	WiFi 5G
Test Engineer:	<i>Mikoy zhu</i>
Test Date:	2024-04-20

Test Summary

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



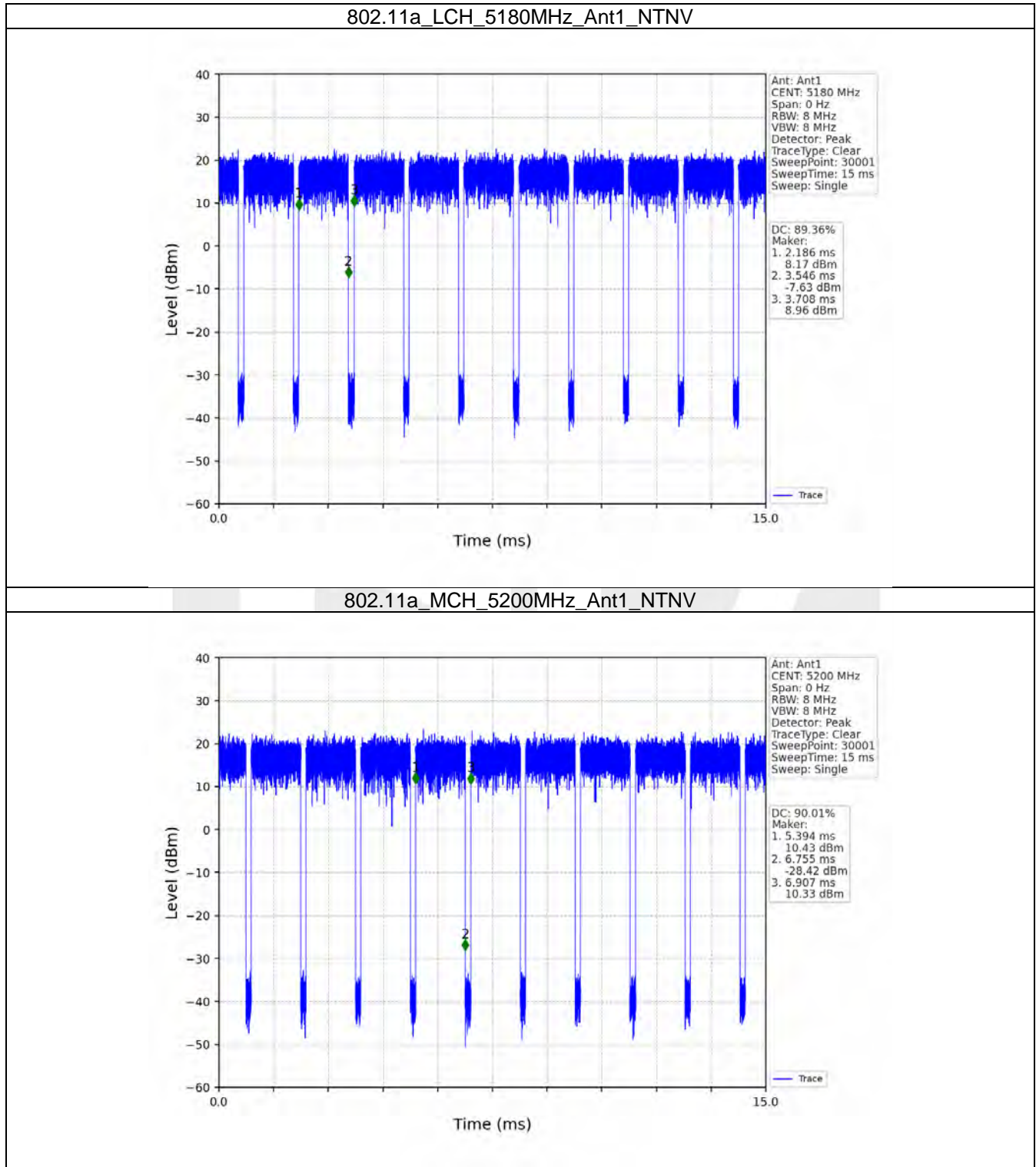
1. Duty Cycle

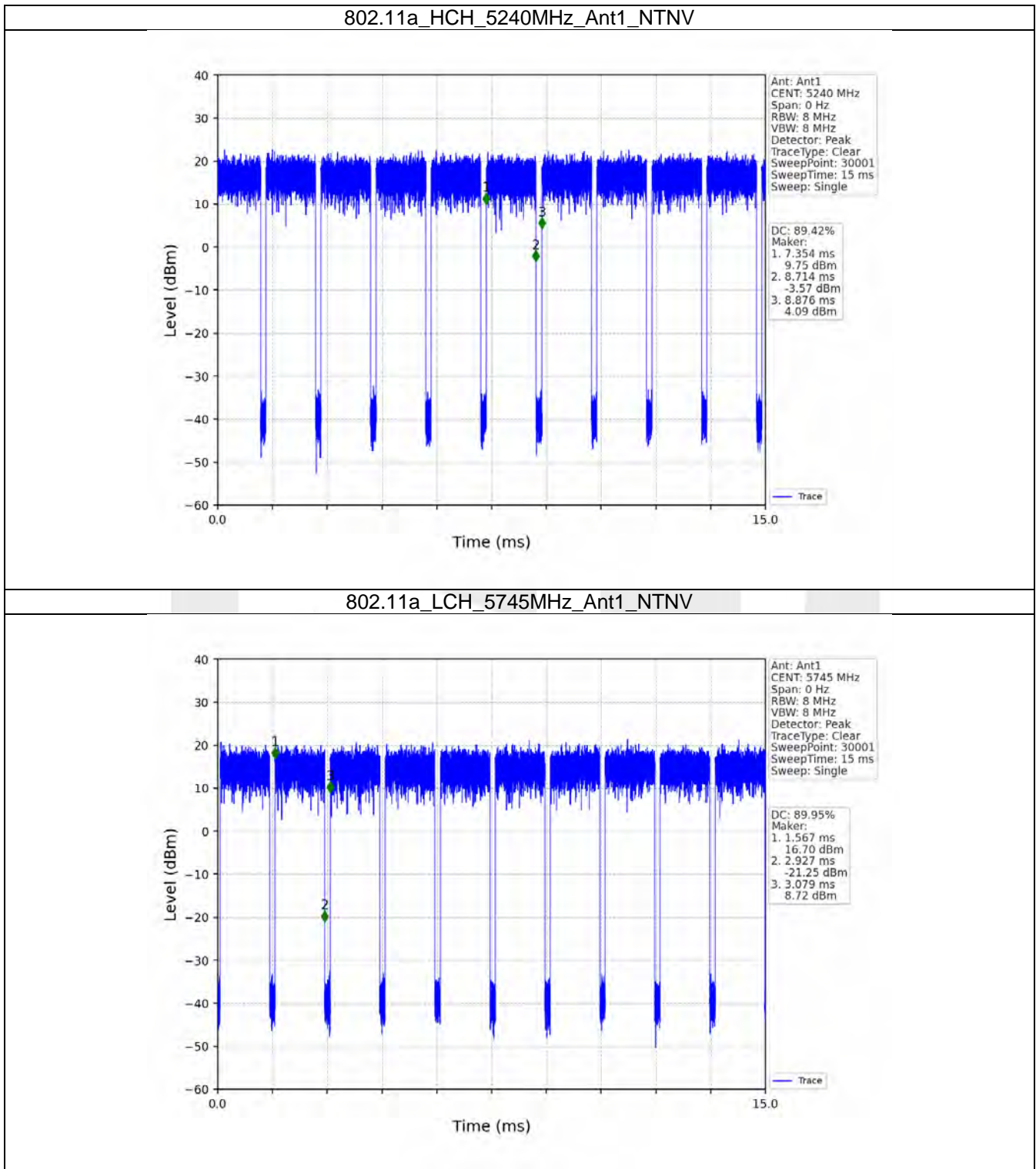
1.1 Ant1

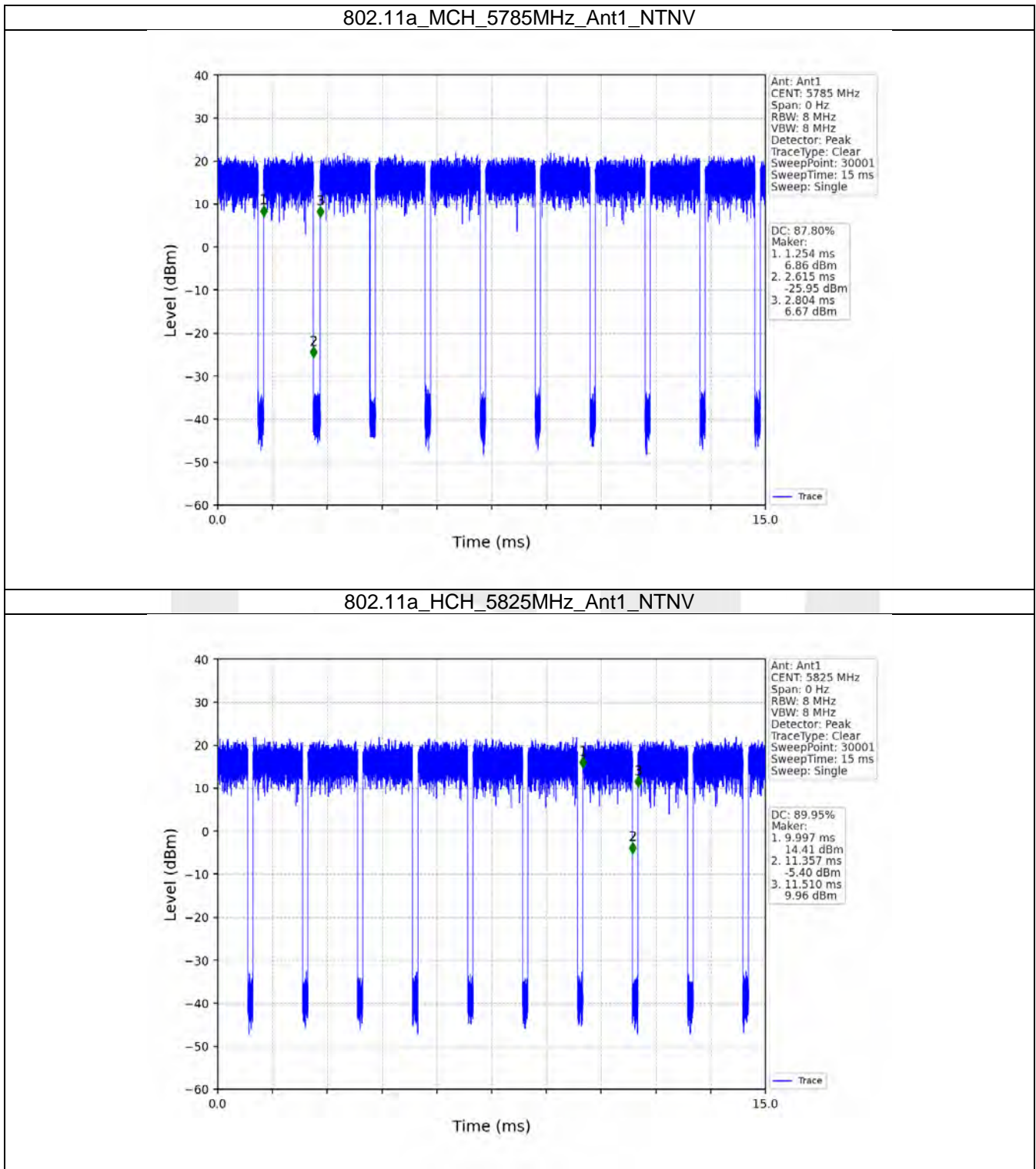
1.1.1 Test Result

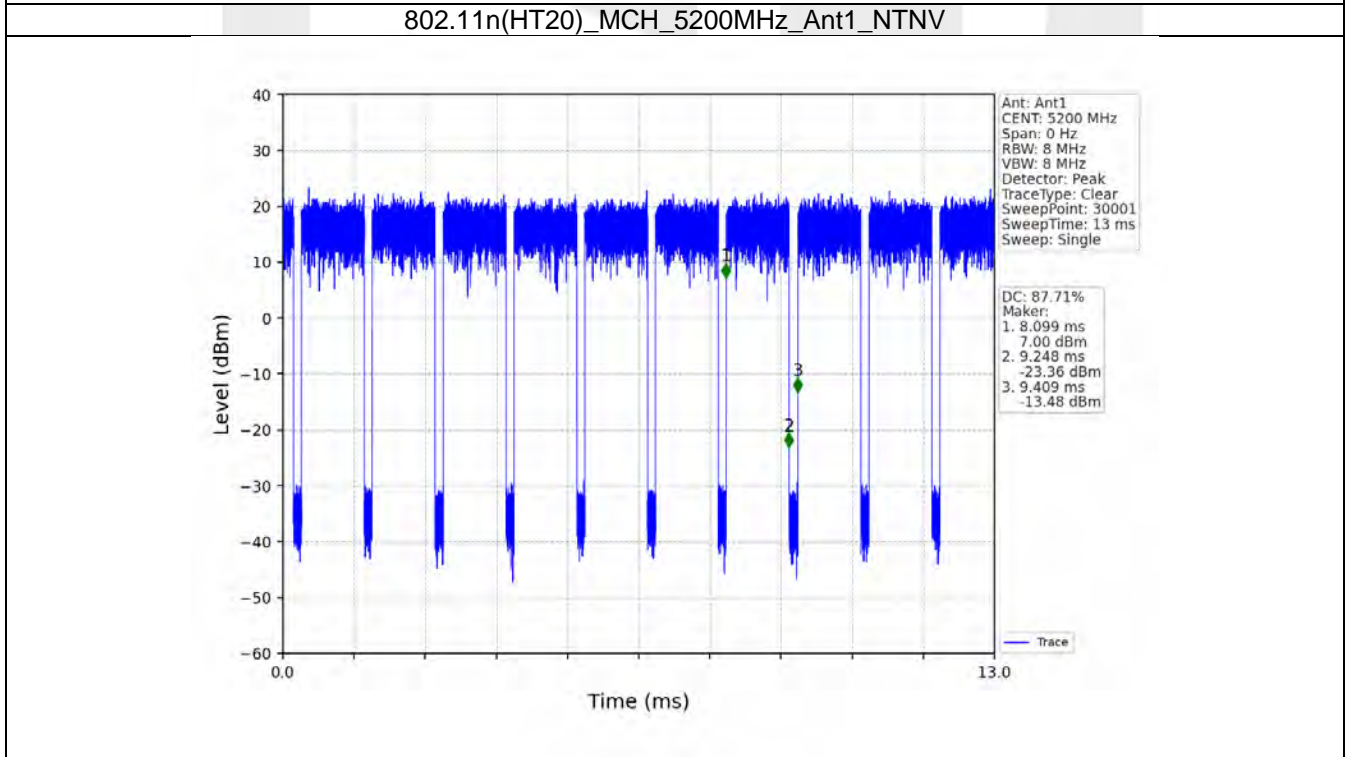
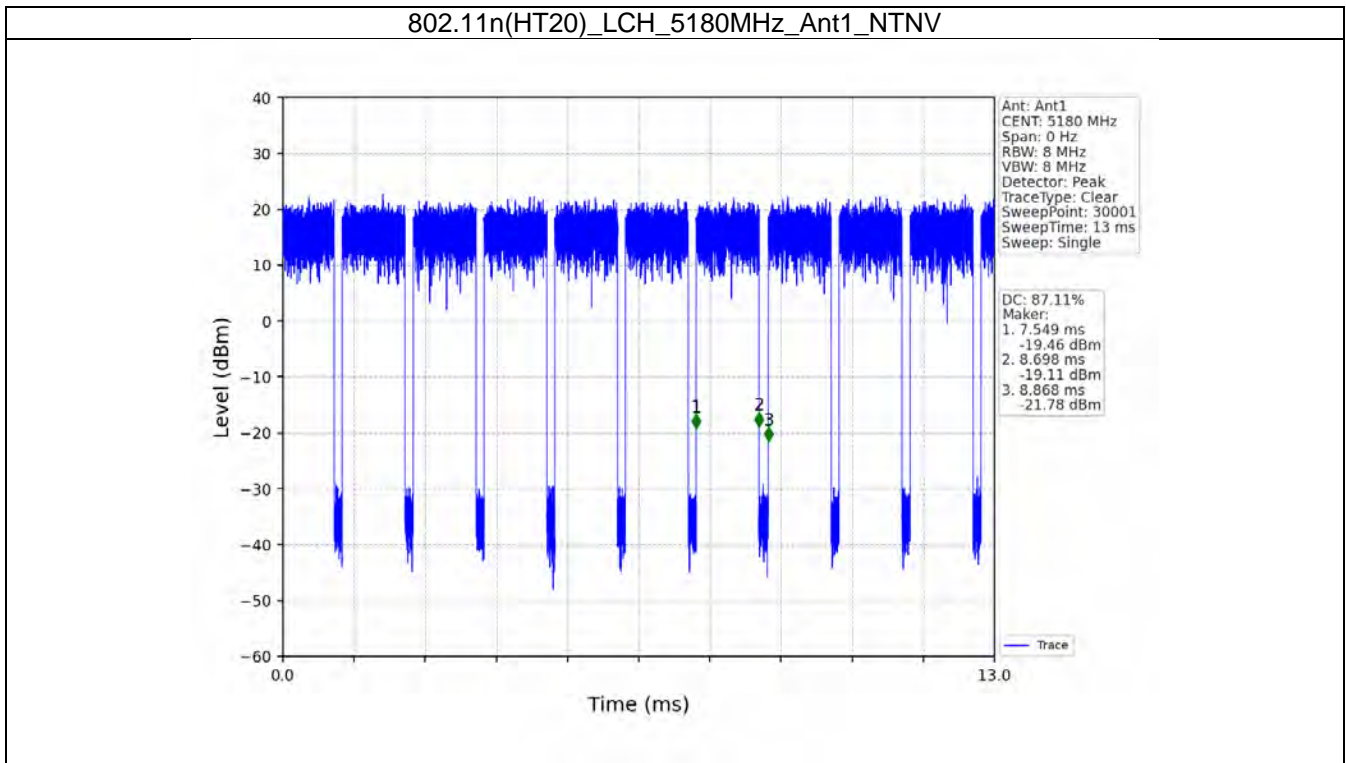
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.360	1.522	89.36	0.49	1.07
		5200	1.361	1.512	90.01	0.46	0.54
		5240	1.361	1.522	89.42	0.49	1.10
		5745	1.360	1.512	89.95	0.46	0.57
		5785	1.360	1.549	87.80	0.57	2.63
		5825	1.361	1.513	89.95	0.46	0.57
802.11n (HT20)	SISO	5180	1.149	1.319	87.11	0.60	1.81
		5200	1.149	1.310	87.71	0.57	1.24
		5240	1.149	1.309	87.78	0.57	1.24
		5745	1.149	1.301	88.32	0.54	1.28
		5785	1.149	1.328	86.52	0.63	2.41
		5825	1.149	1.301	88.32	0.54	0.66
802.11n (HT40)	SISO	5190	0.572	0.716	79.89	0.98	1.03
		5230	0.573	0.752	76.20	1.18	4.81
		5755	0.574	0.741	77.46	1.11	2.70
		5795	0.573	0.774	74.03	1.31	7.05
802.11ac (VHT20)	SISO	5180	1.156	1.309	88.31	0.54	0.65
		5200	1.157	1.309	88.39	0.54	0.65
		5240	1.157	1.309	88.39	0.54	0.65
		5745	1.156	1.309	88.31	0.54	0.62
		5785	1.157	1.309	88.39	0.54	0.59
		5825	1.156	1.309	88.31	0.54	0.65
802.11ac (VHT40)	SISO	5190	0.580	0.724	80.11	0.96	0.99
		5230	0.580	0.724	80.11	0.96	1.05
		5755	0.580	0.724	80.11	0.96	1.06
		5795	0.581	0.724	80.25	0.96	1.02
802.11ac (VHT80)	SISO	5210	0.289	0.450	64.22	1.92	4.10
		5775	0.288	0.432	66.67	1.76	1.44

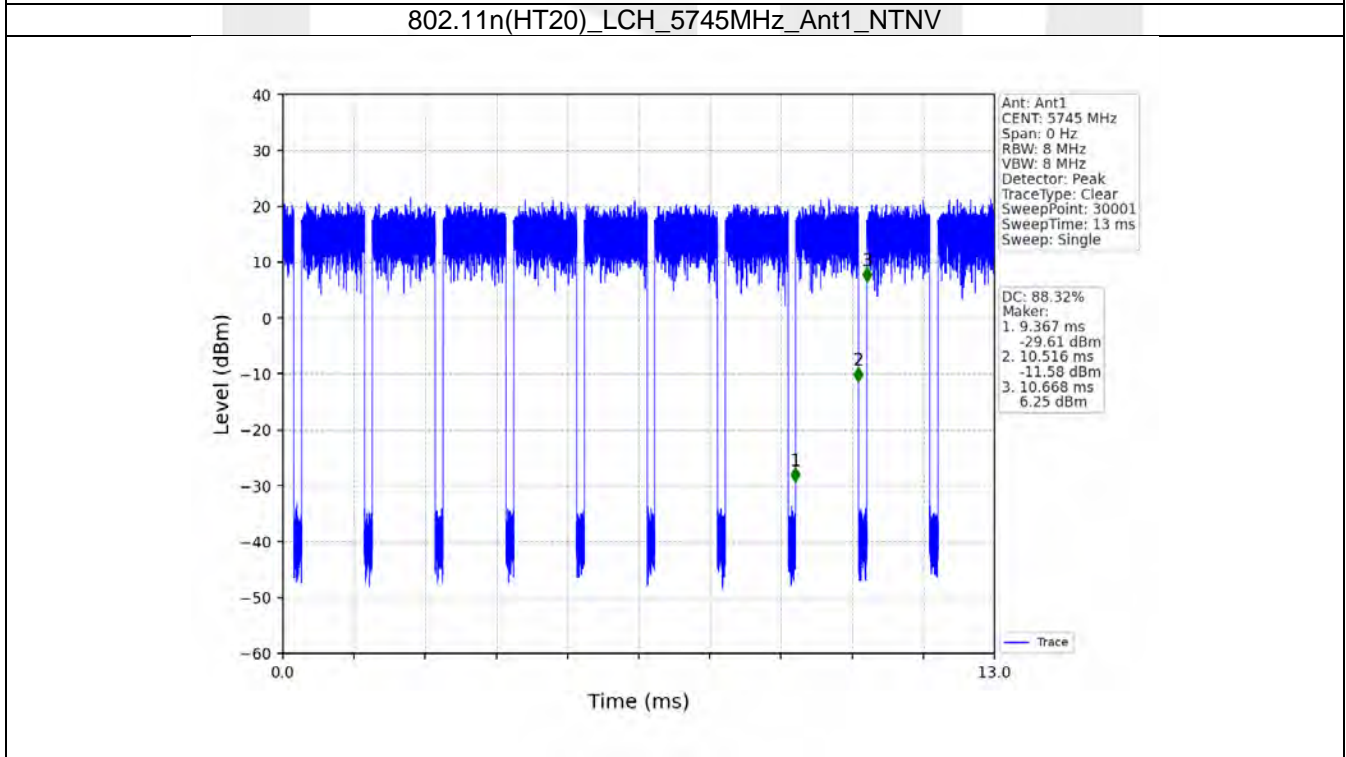
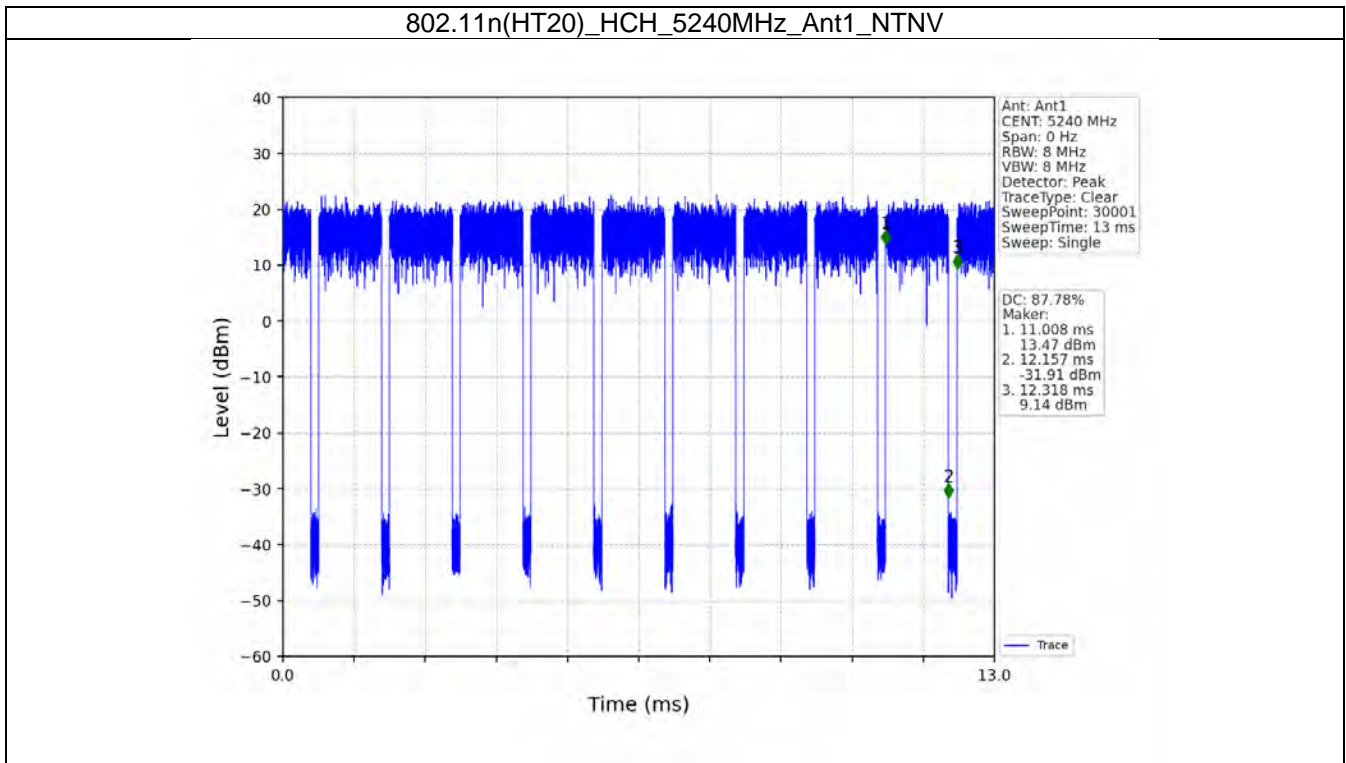
1.1.2 Test Graph



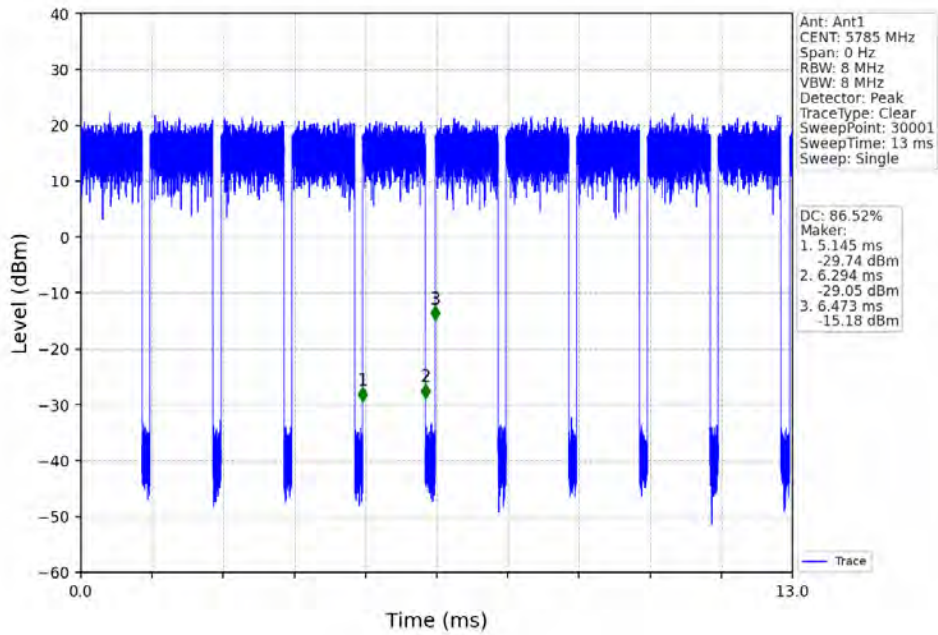




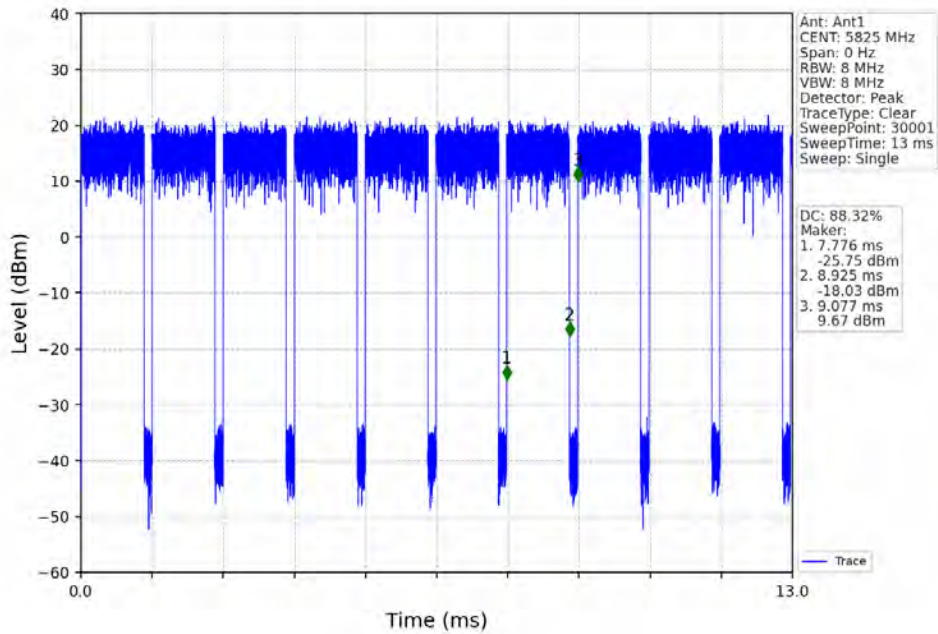


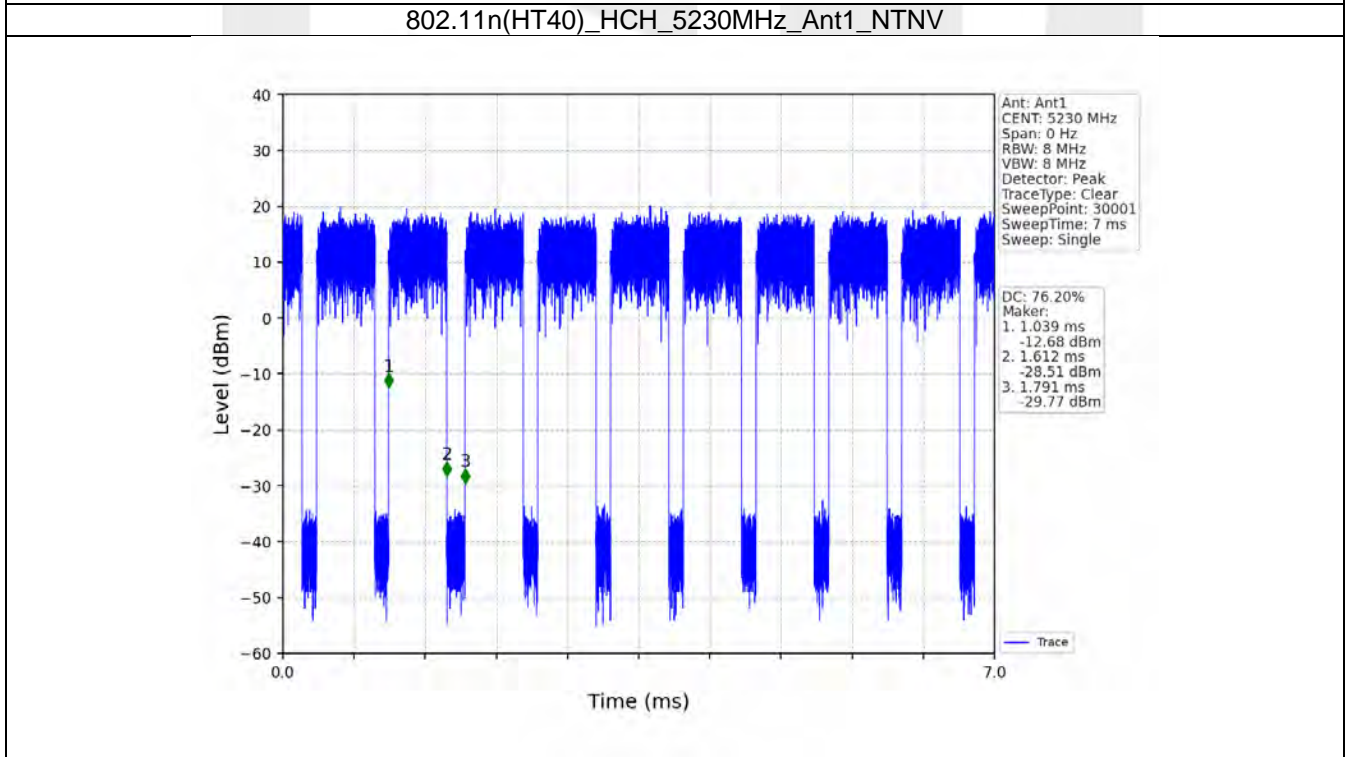
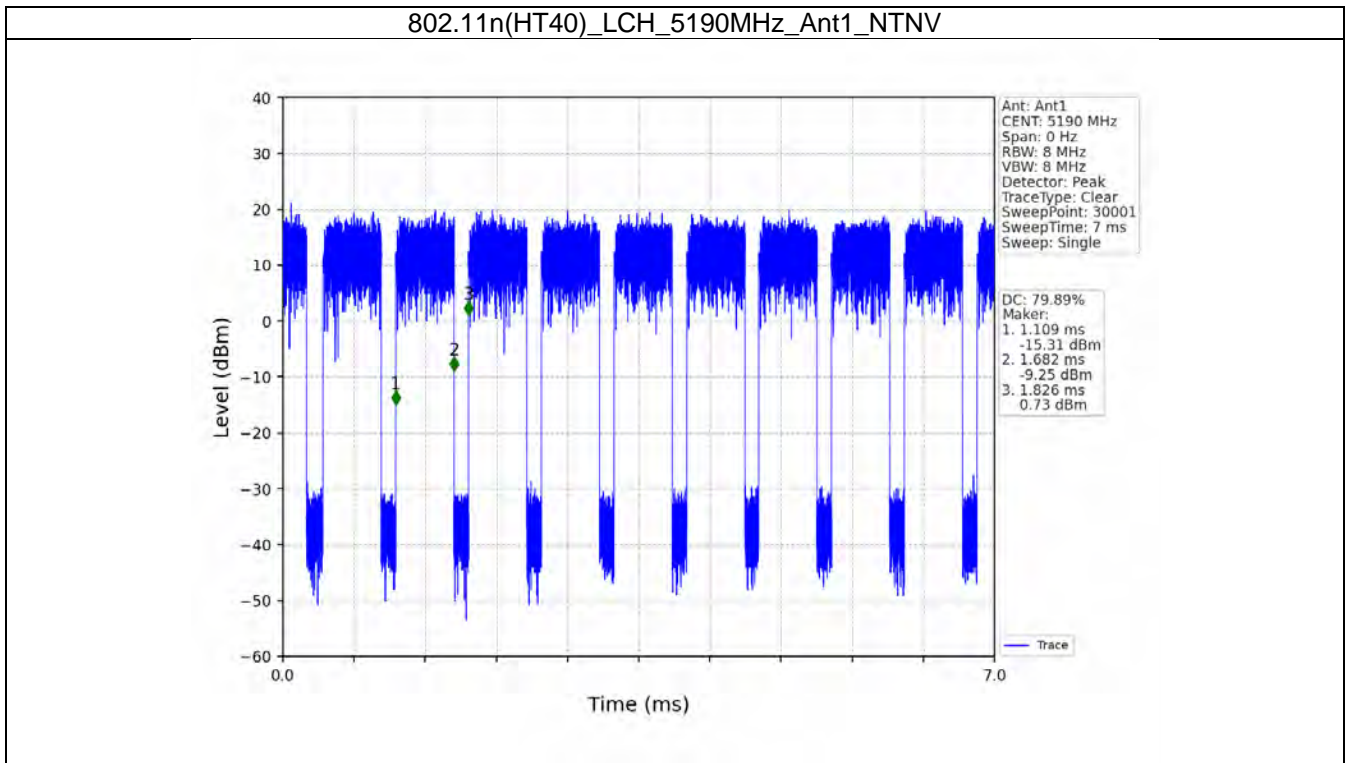


802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

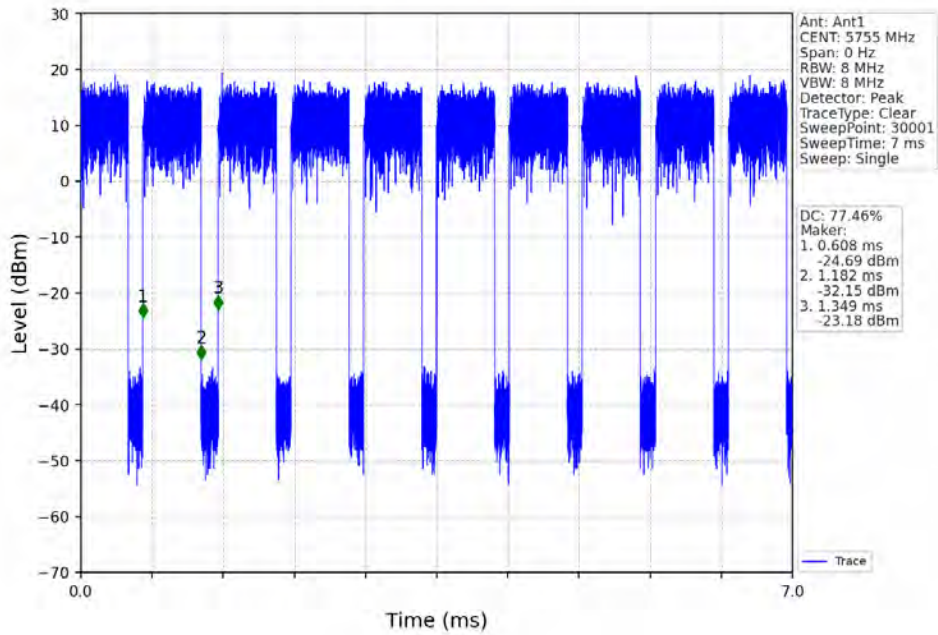


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

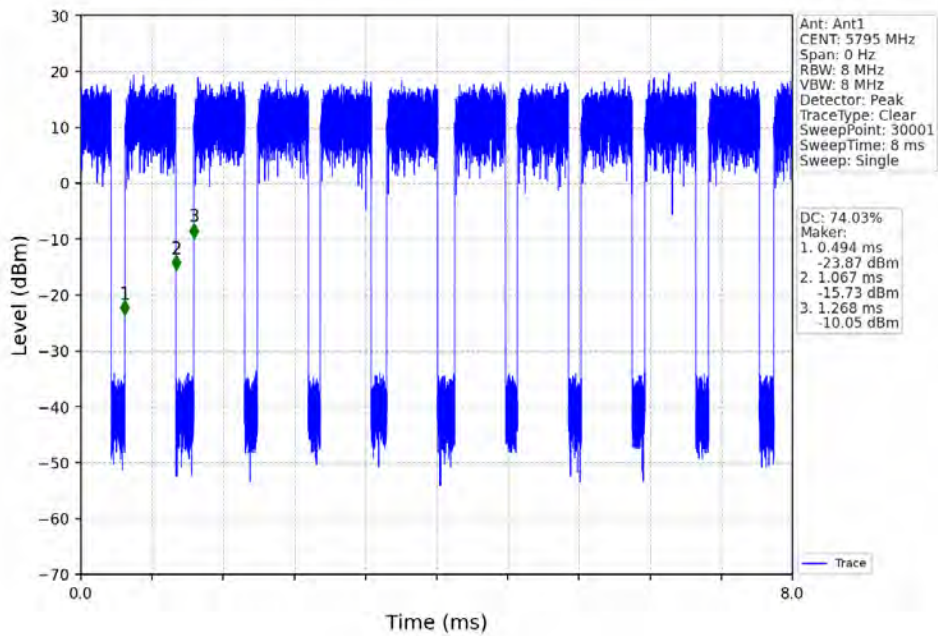


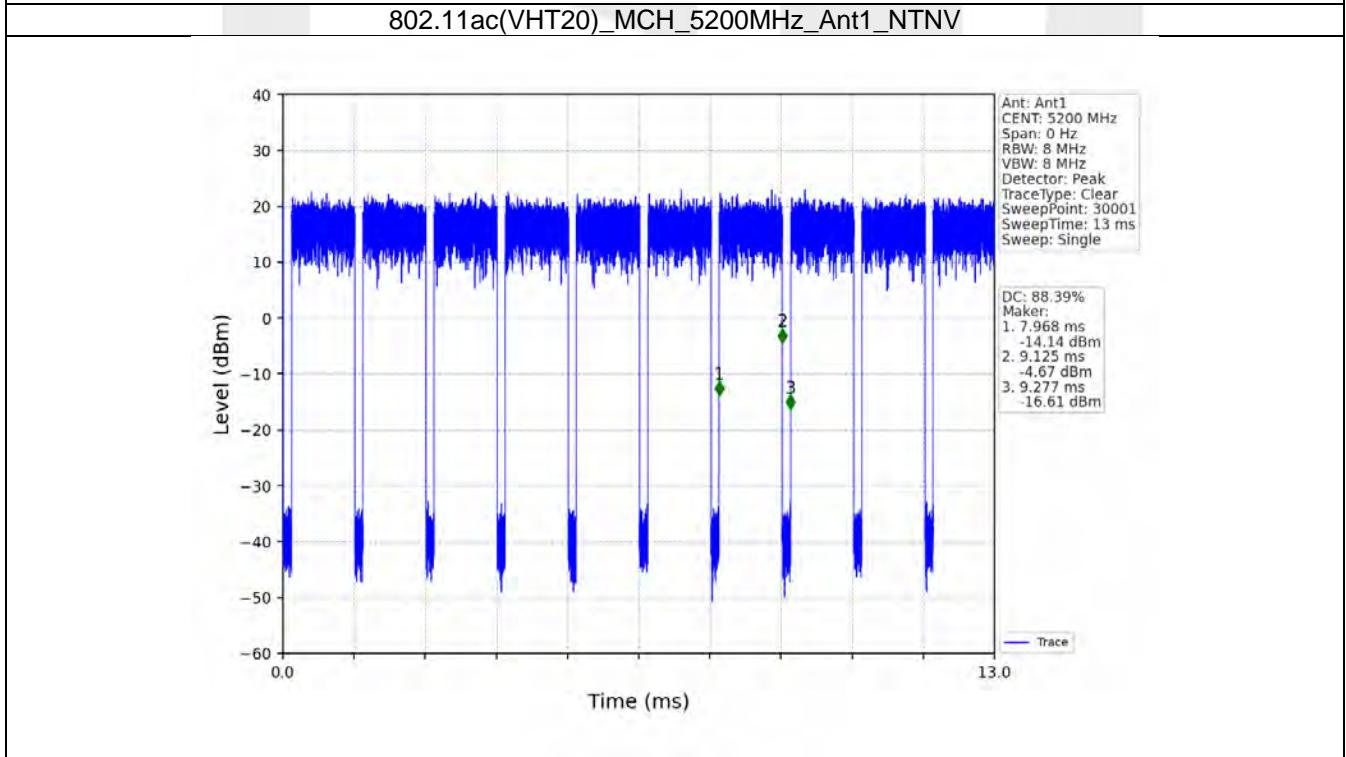
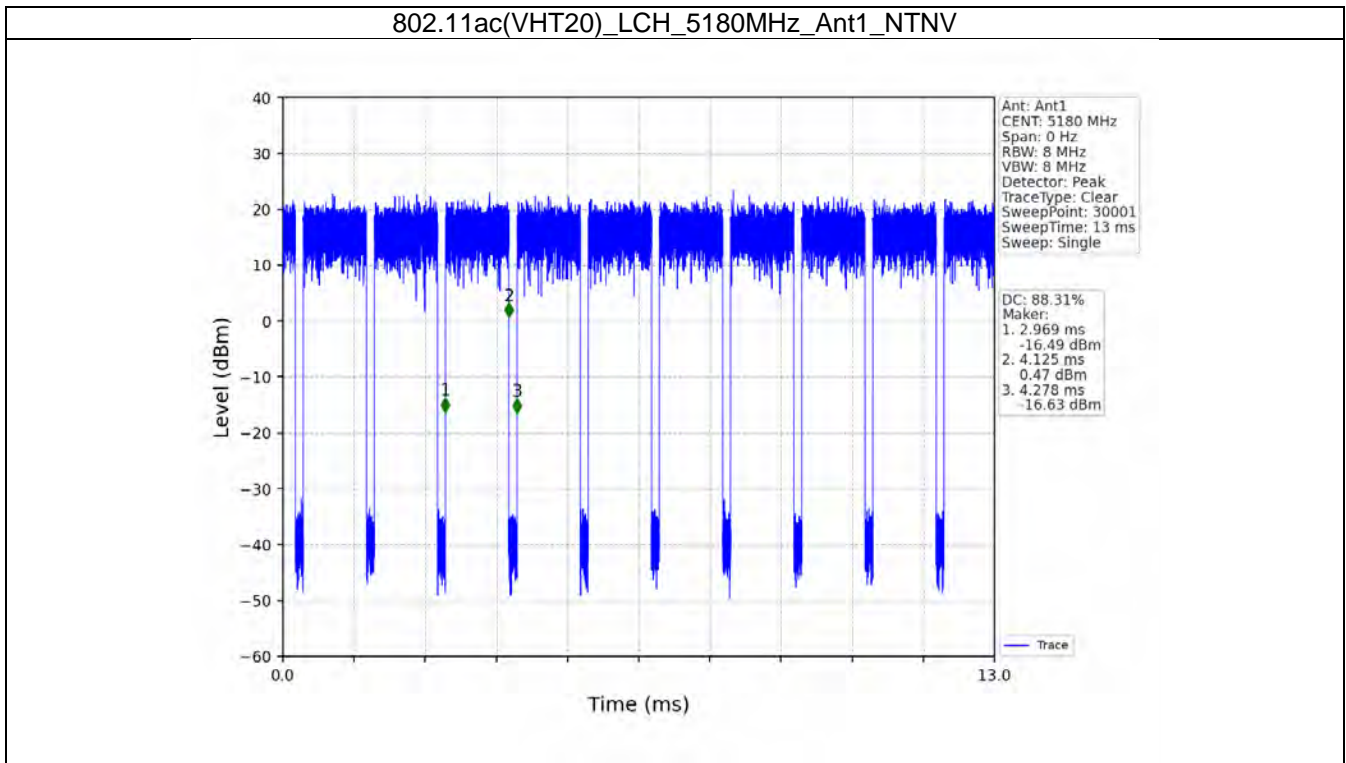


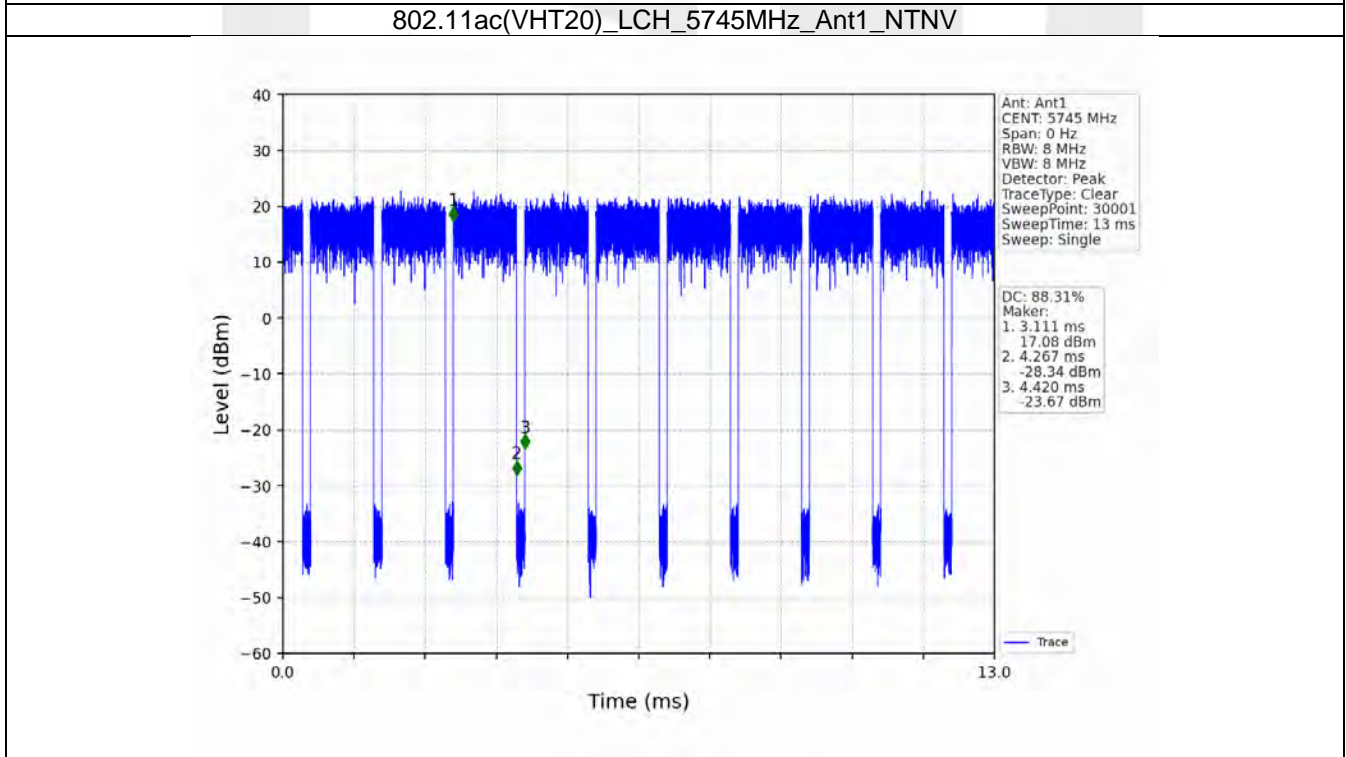
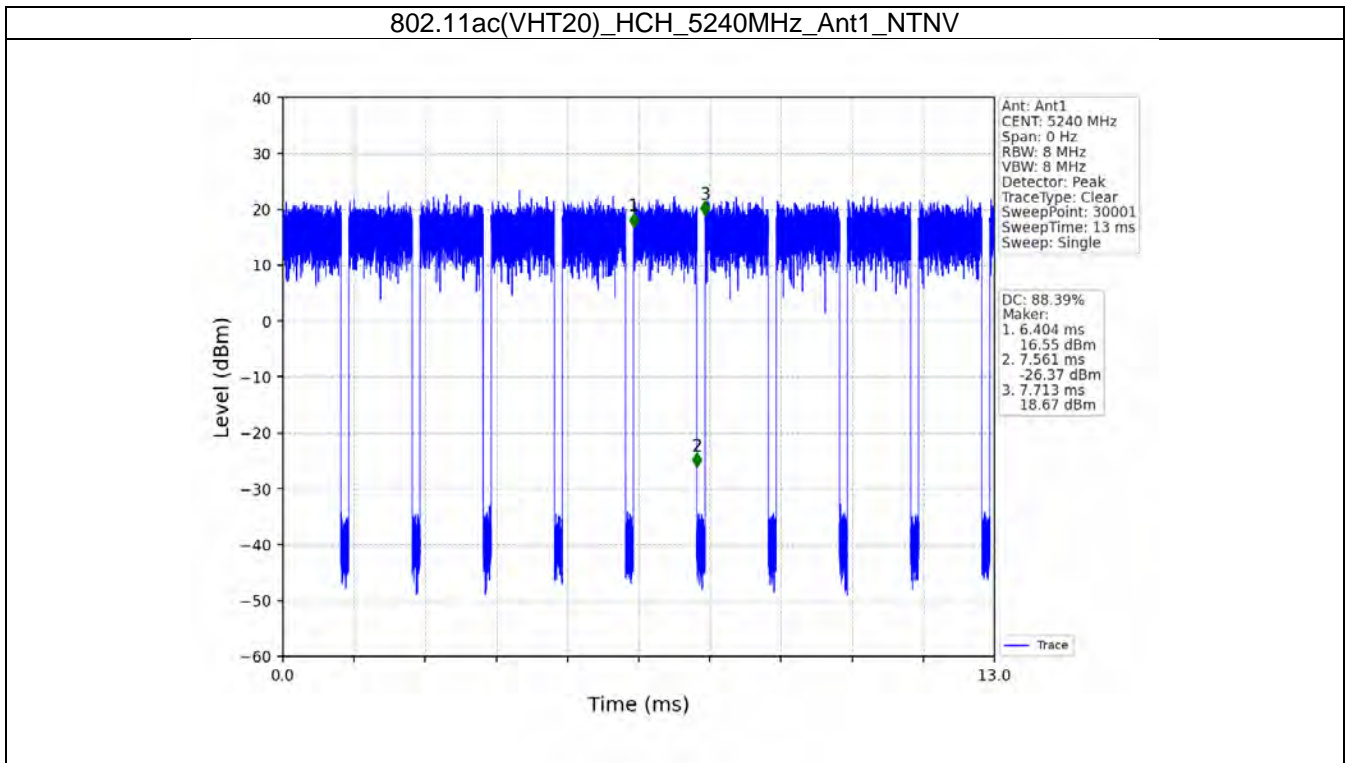
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

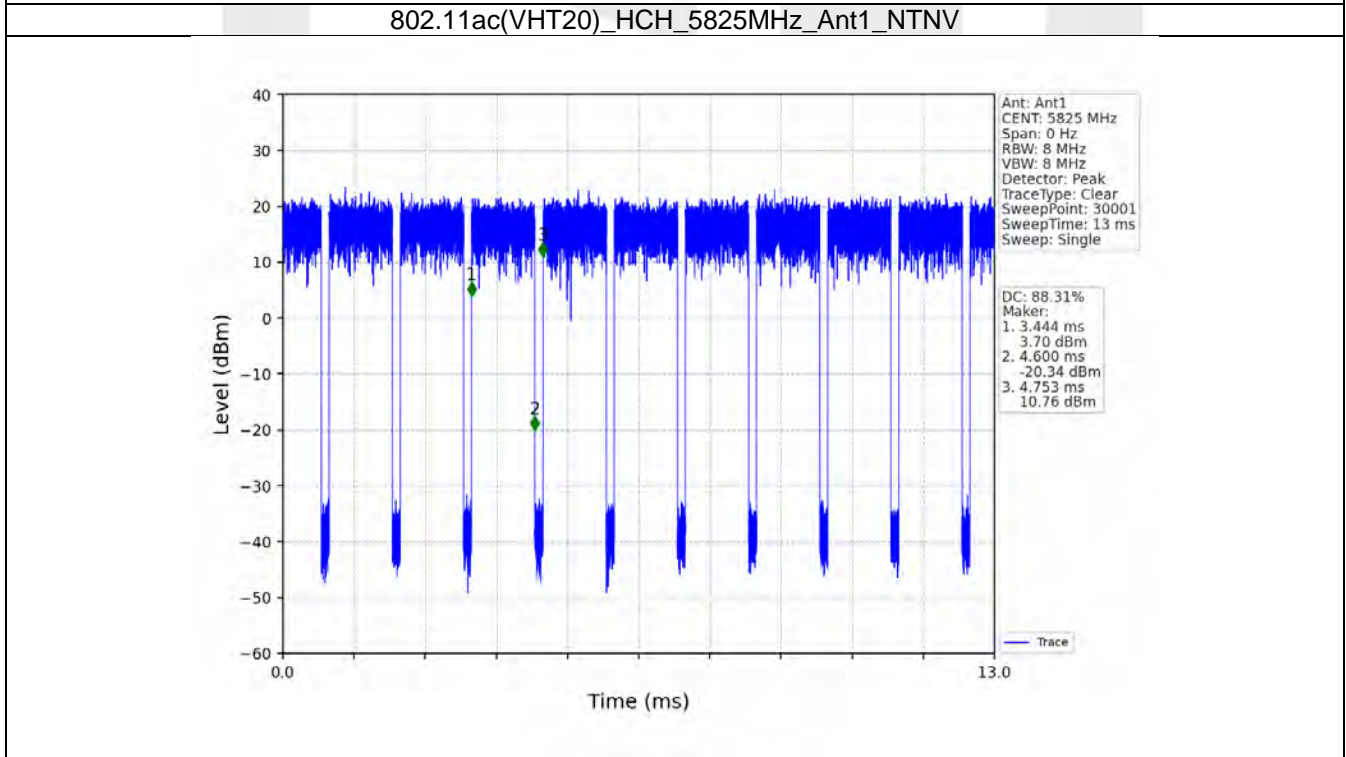
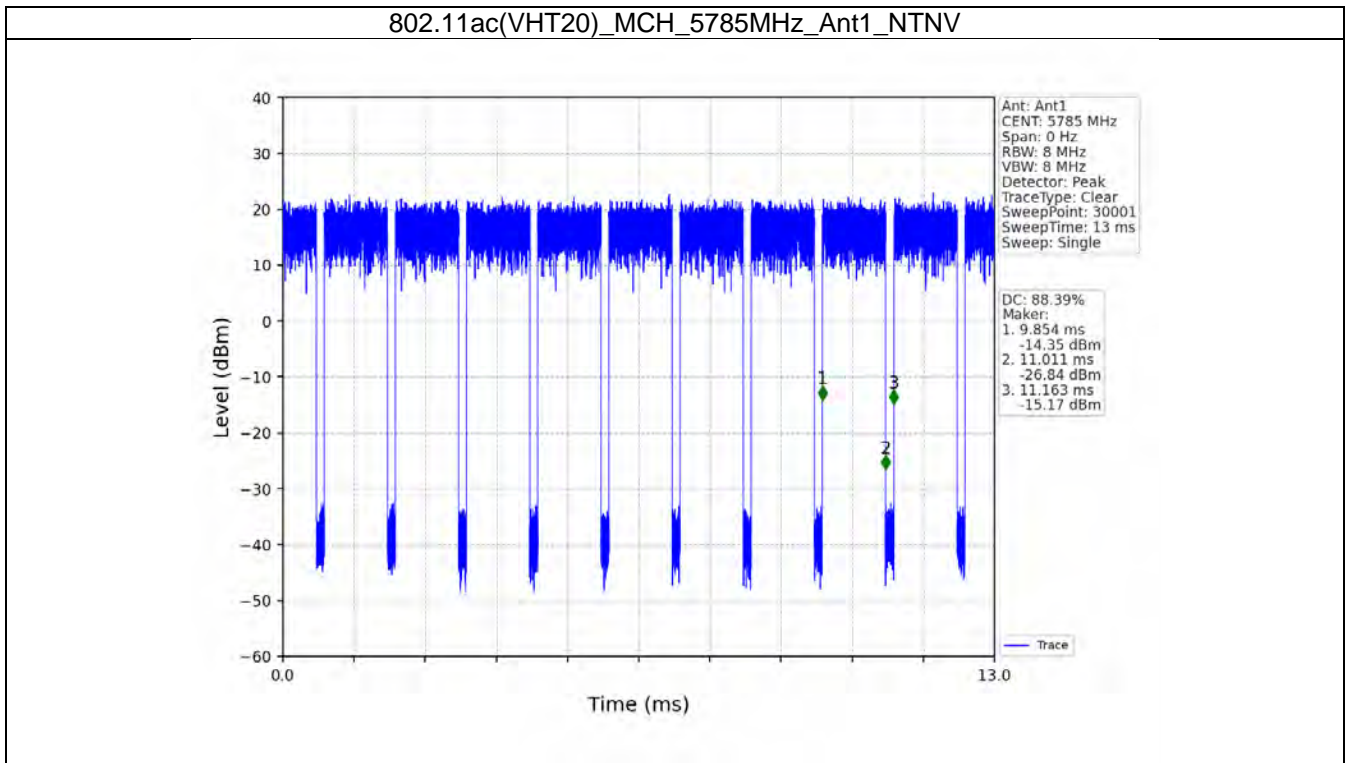


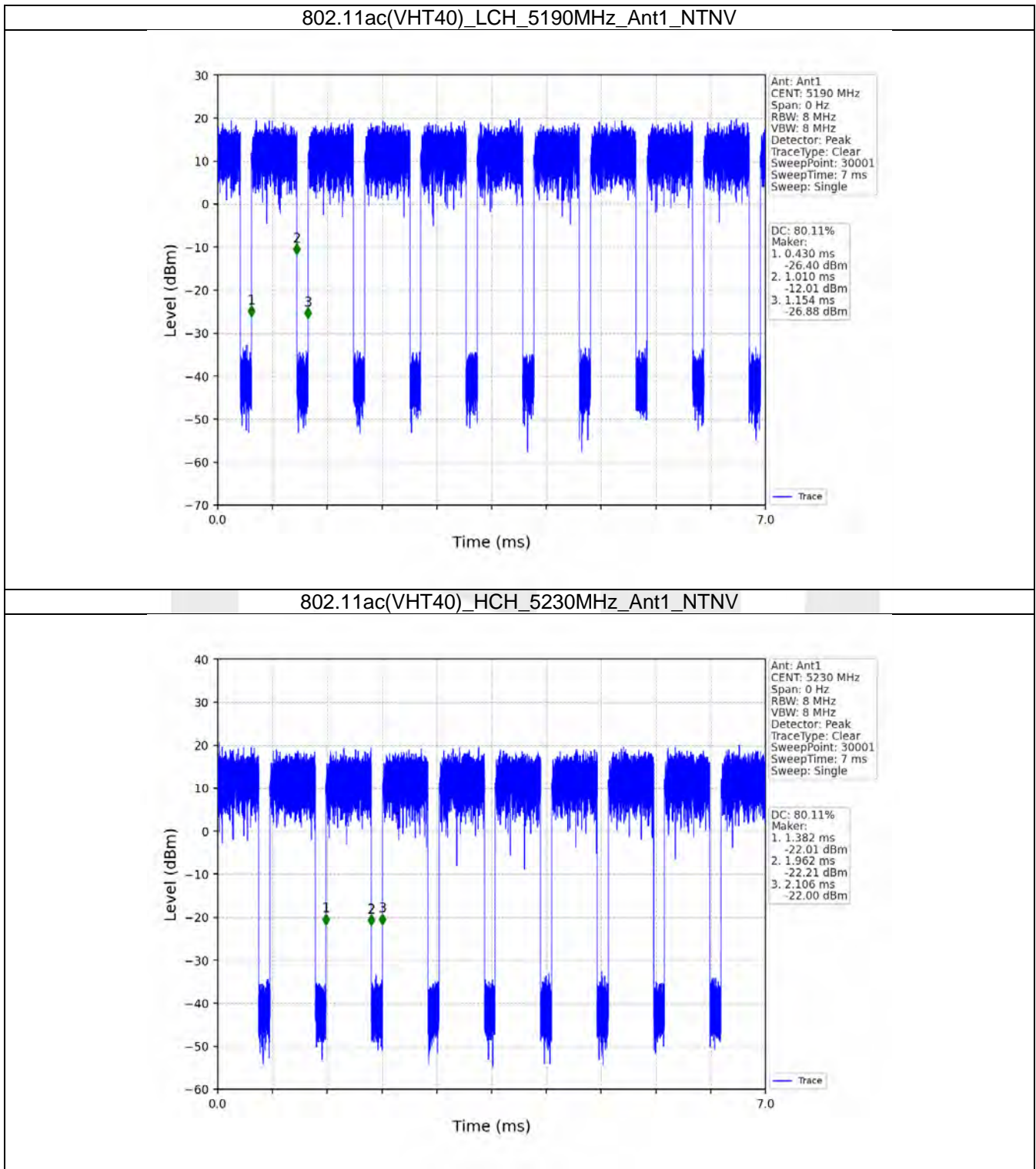
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

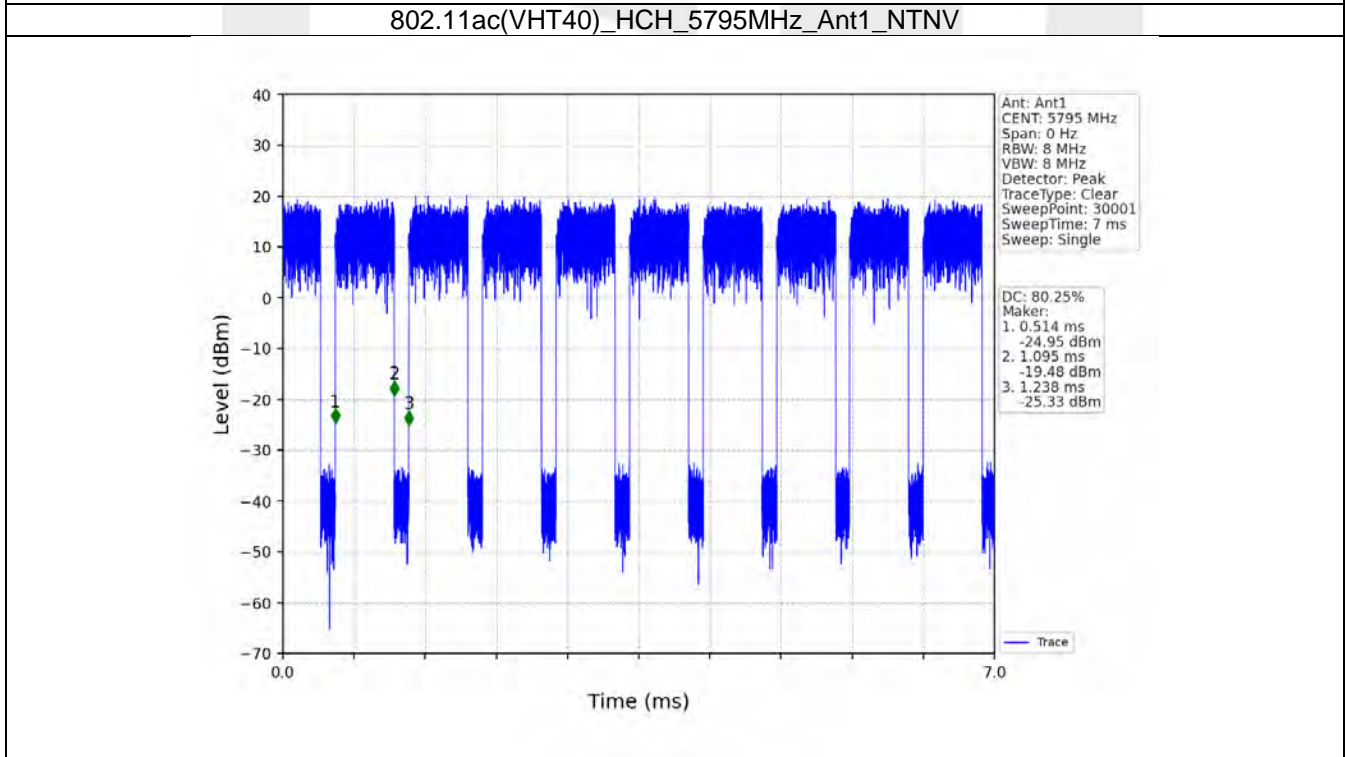
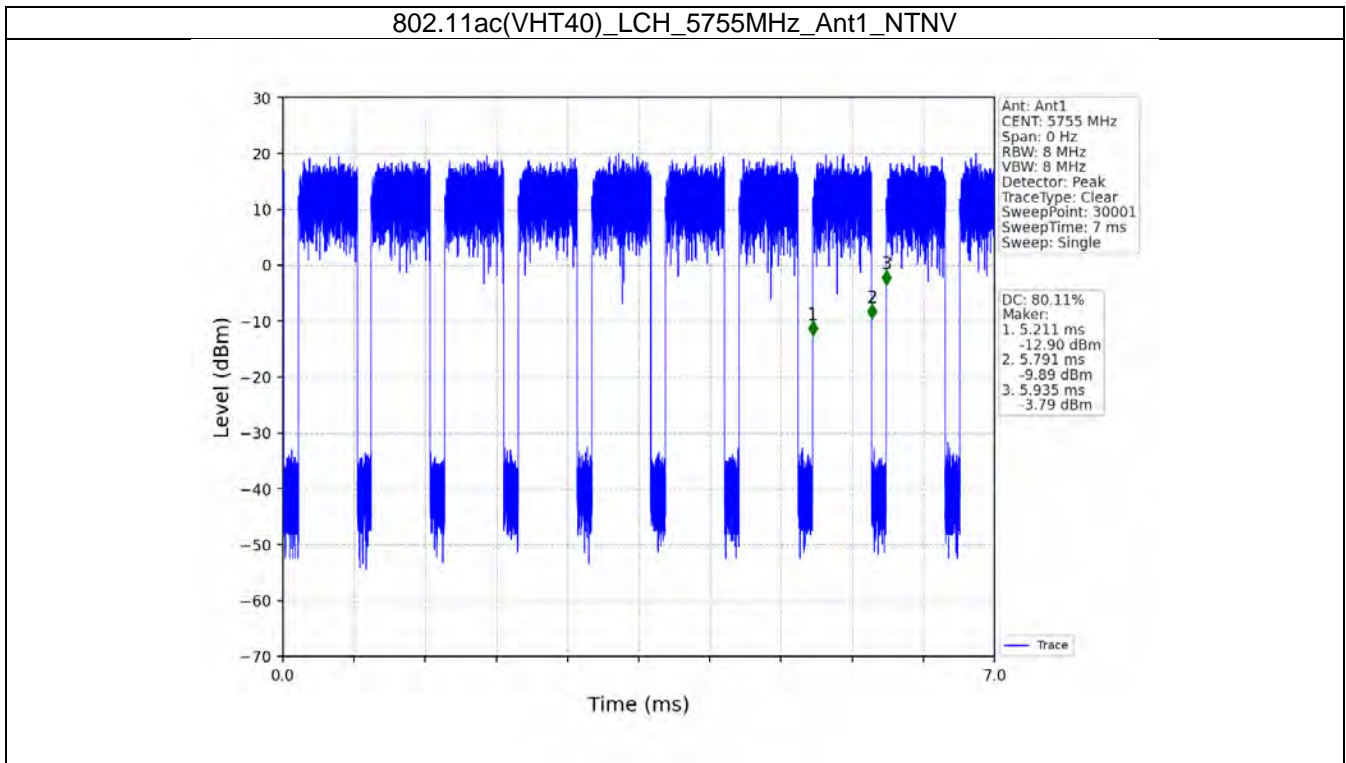


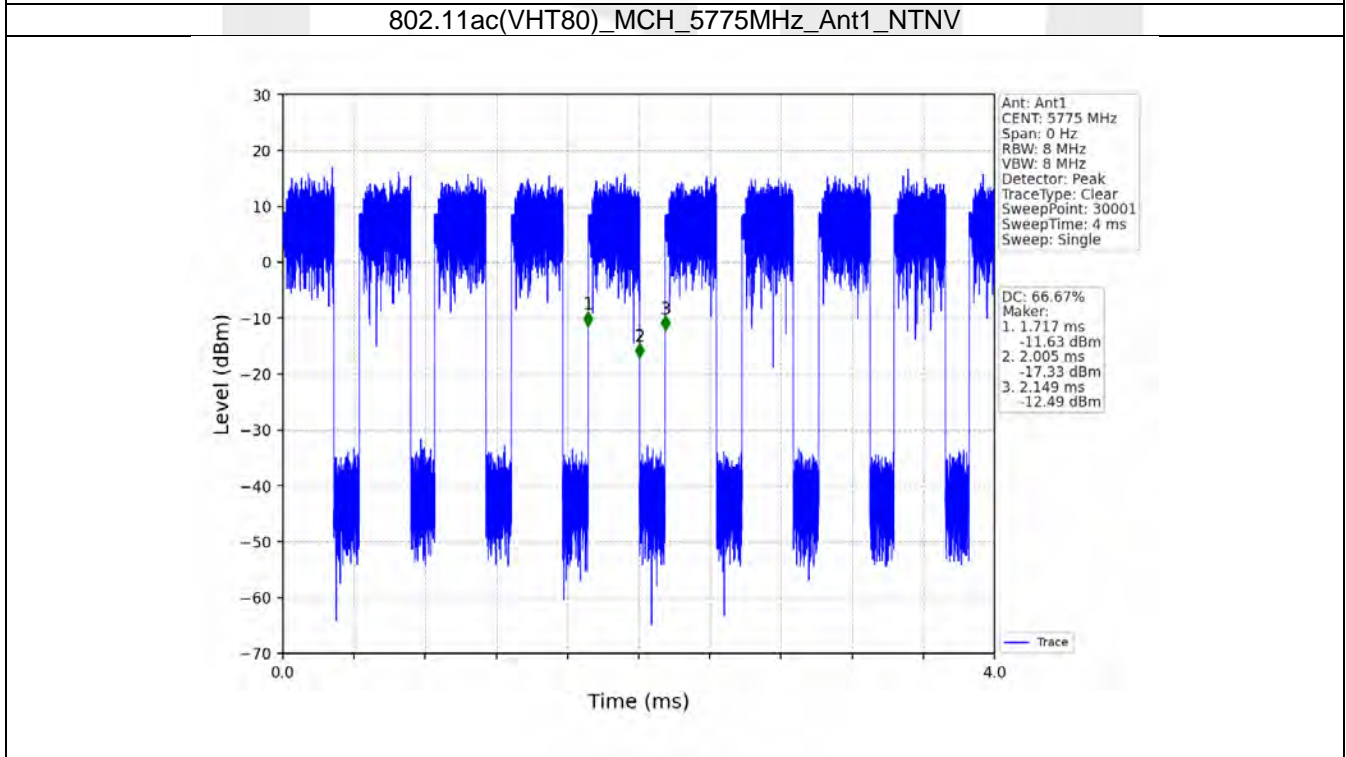
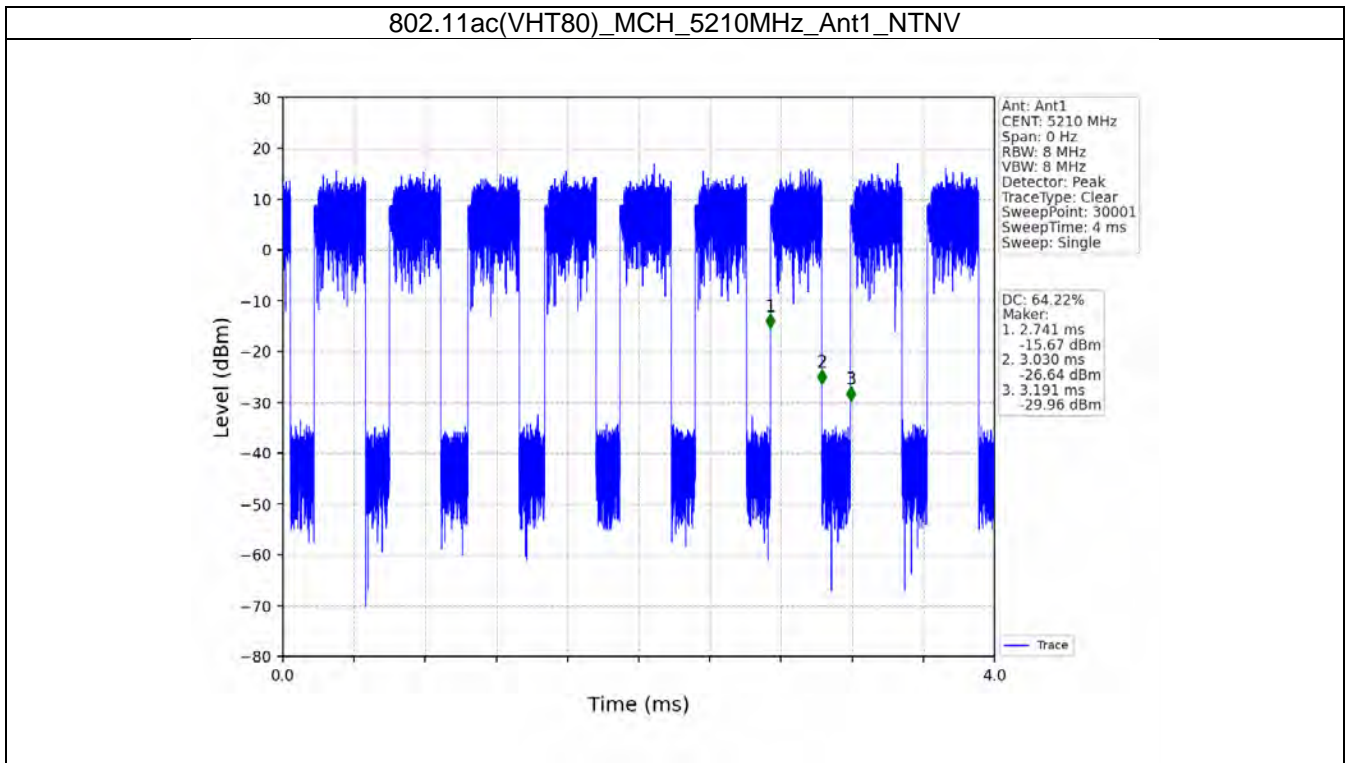












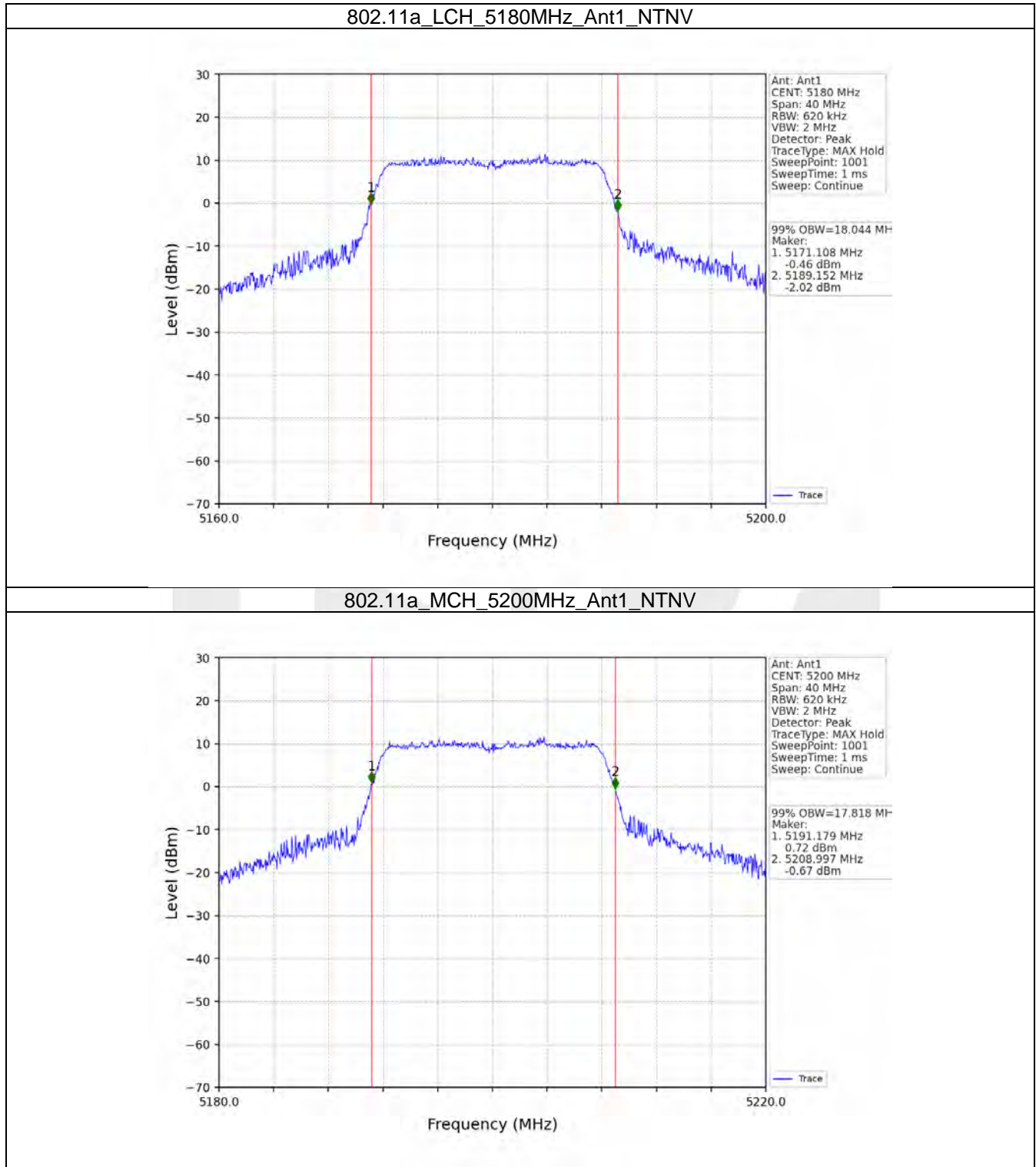
2. Bandwidth

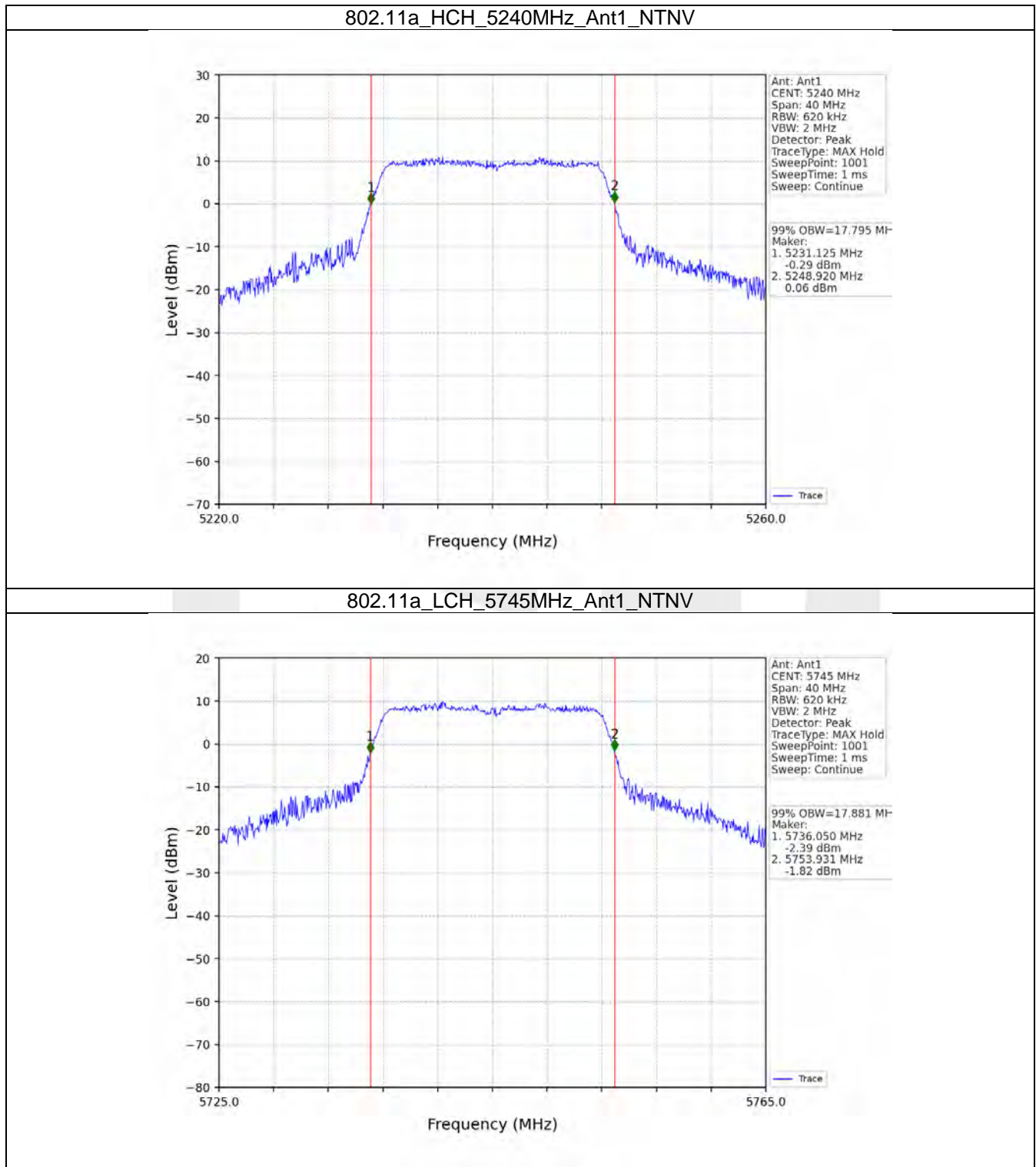
2.1 OBW

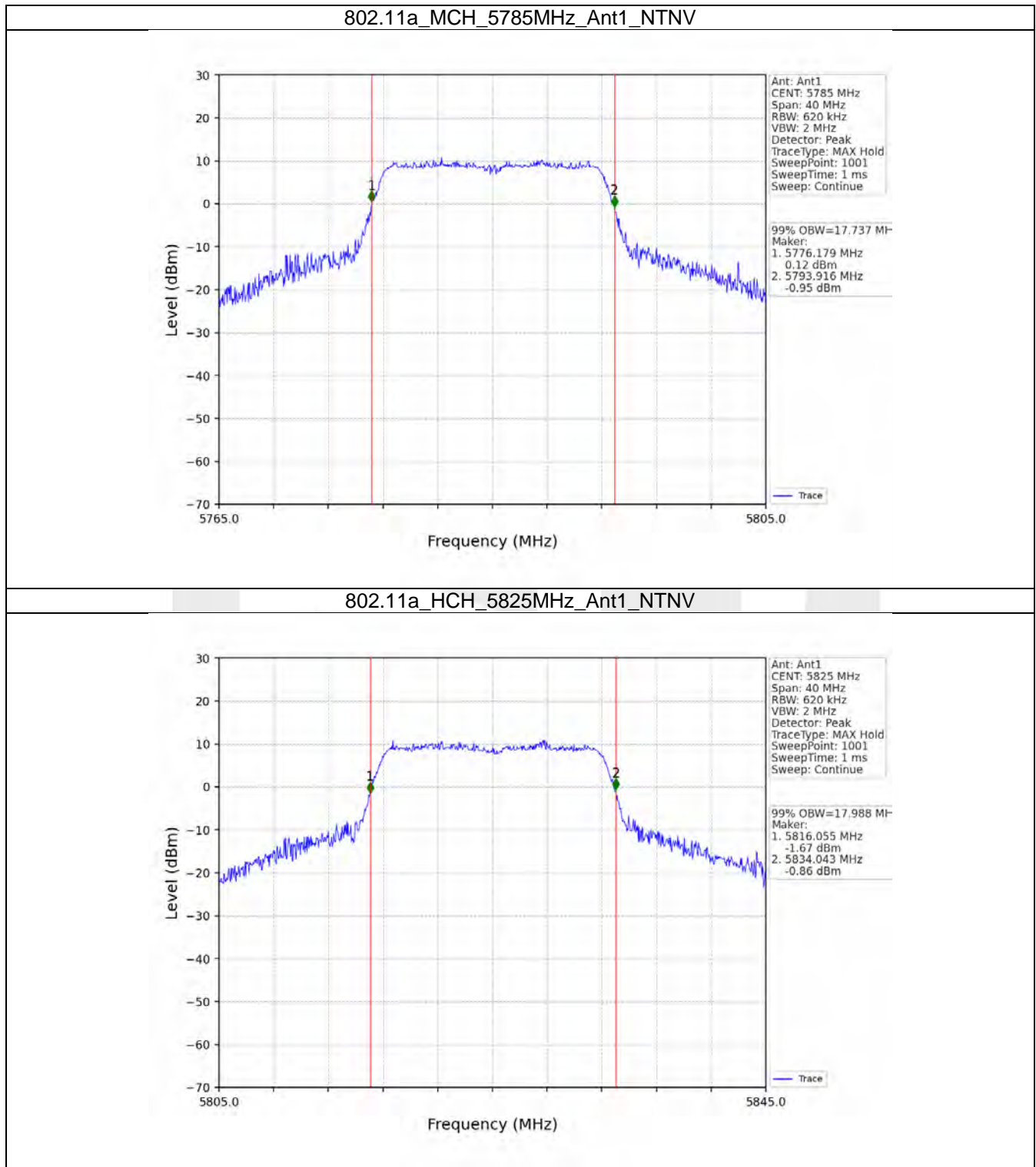
2.1.1 Test Result

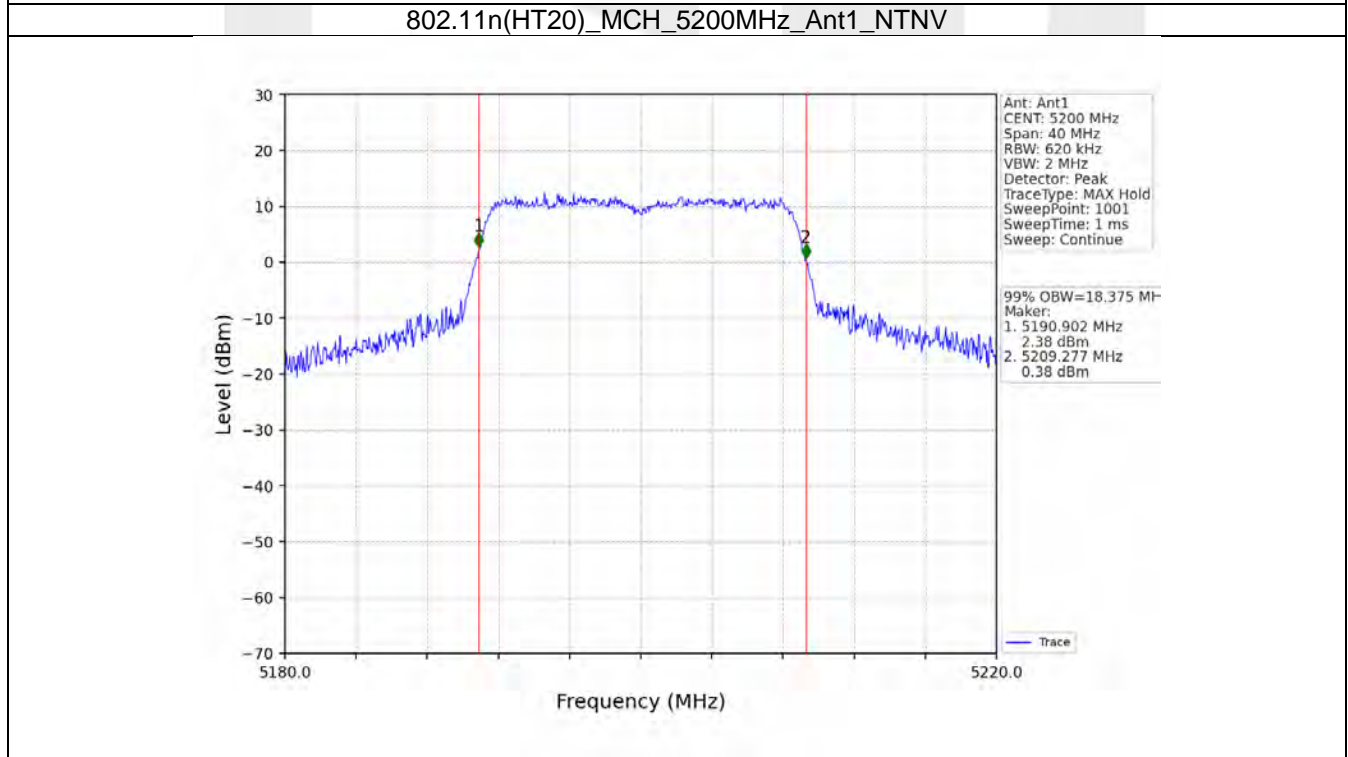
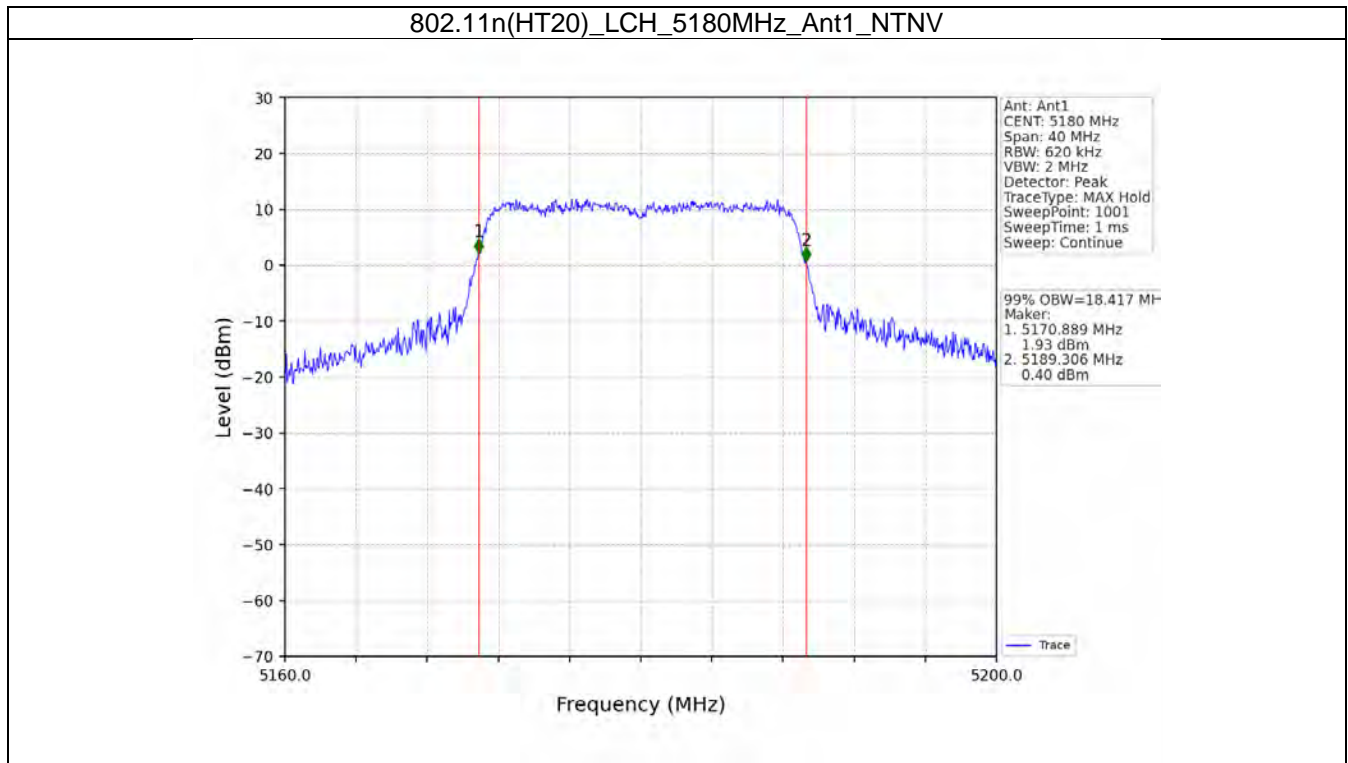
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	18.044	/	Pass
		5200	1	17.818	/	Pass
		5240	1	17.795	/	Pass
		5745	1	17.881	/	Pass
		5785	1	17.737	/	Pass
		5825	1	17.988	/	Pass
802.11n (HT20)	SISO	5180	1	18.417	/	Pass
		5200	1	18.375	/	Pass
		5240	1	18.288	/	Pass
		5745	1	18.297	/	Pass
		5785	1	18.283	/	Pass
		5825	1	18.445	/	Pass
802.11n (HT40)	SISO	5190	1	36.939	/	Pass
		5230	1	36.686	/	Pass
		5755	1	36.867	/	Pass
		5795	1	36.793	/	Pass
802.11ac (VHT20)	SISO	5745	1	18.369	/	Pass
		5785	1	18.342	/	Pass
		5825	1	18.412	/	Pass
802.11ac (VHT40)	SISO	5755	1	36.956	/	Pass
		5795	1	36.781	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.490	/	Pass
		5200	1	18.295	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.349	/	Pass
		5775	1	76.443	/	Pass
802.11ac (VHT20)	SISO	5240	1	18.290	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.776	/	Pass
		5230	1	36.783	/	Pass

2.1.2 Test Graph

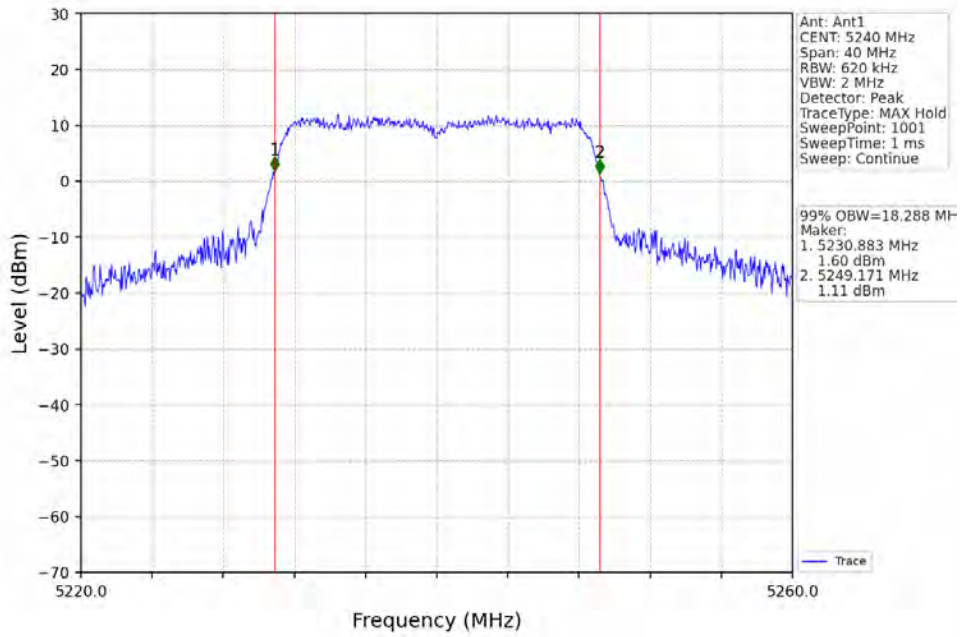




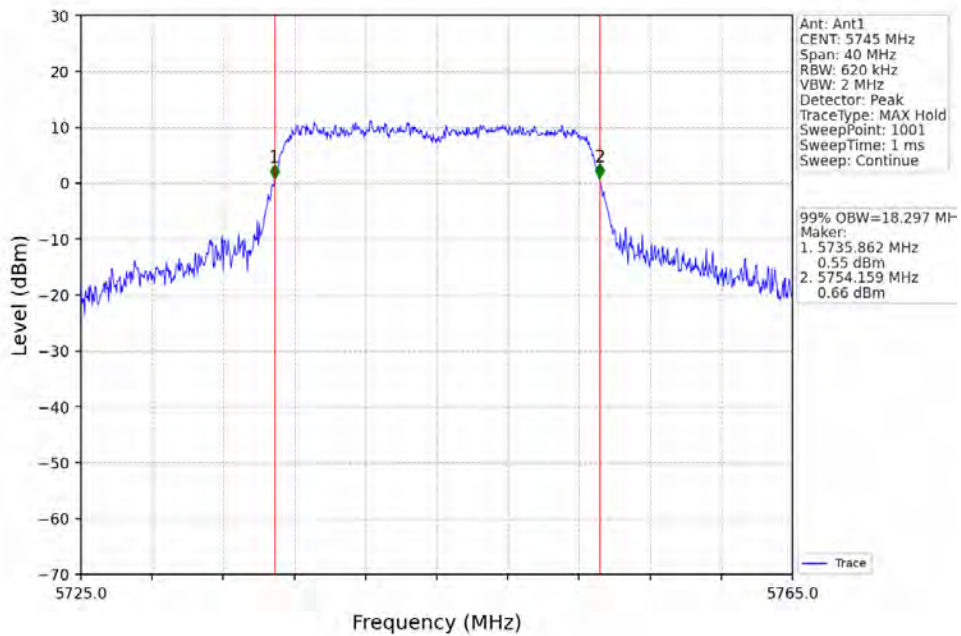


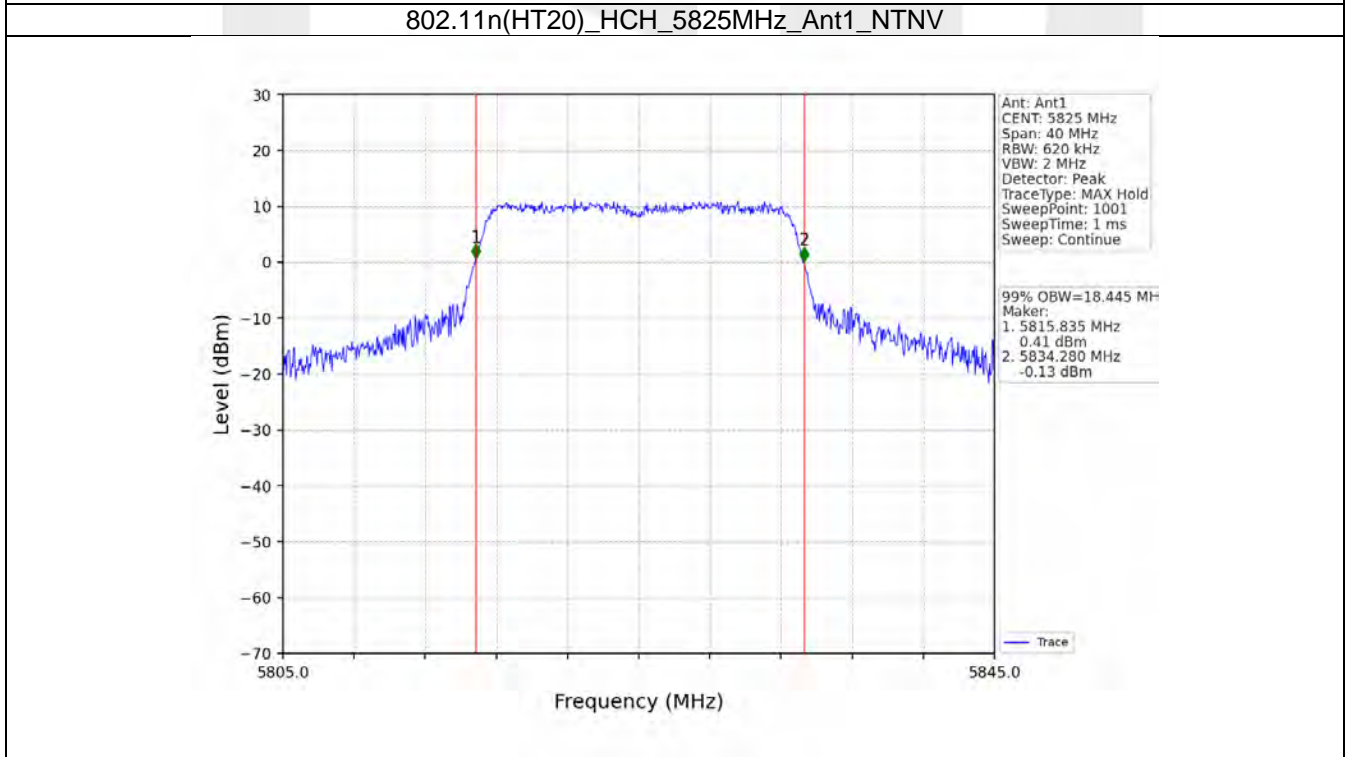
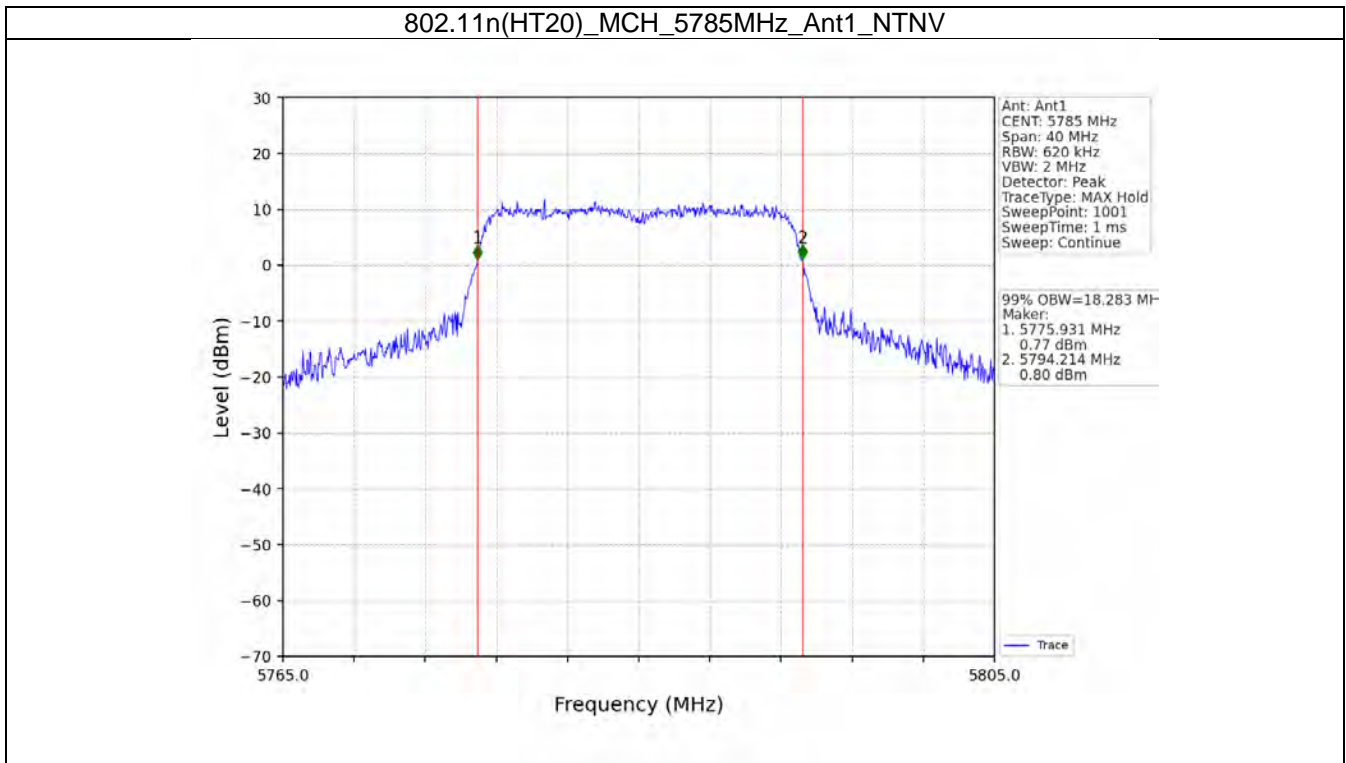


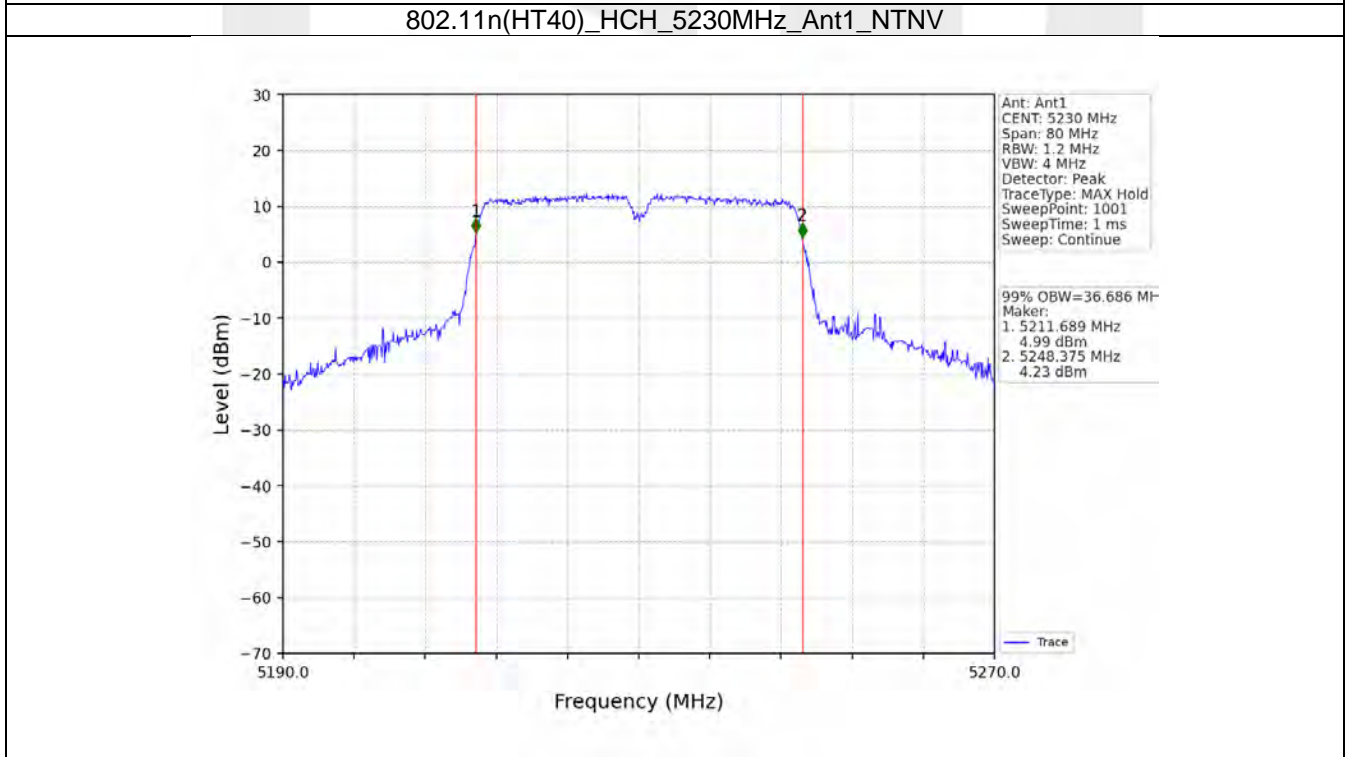
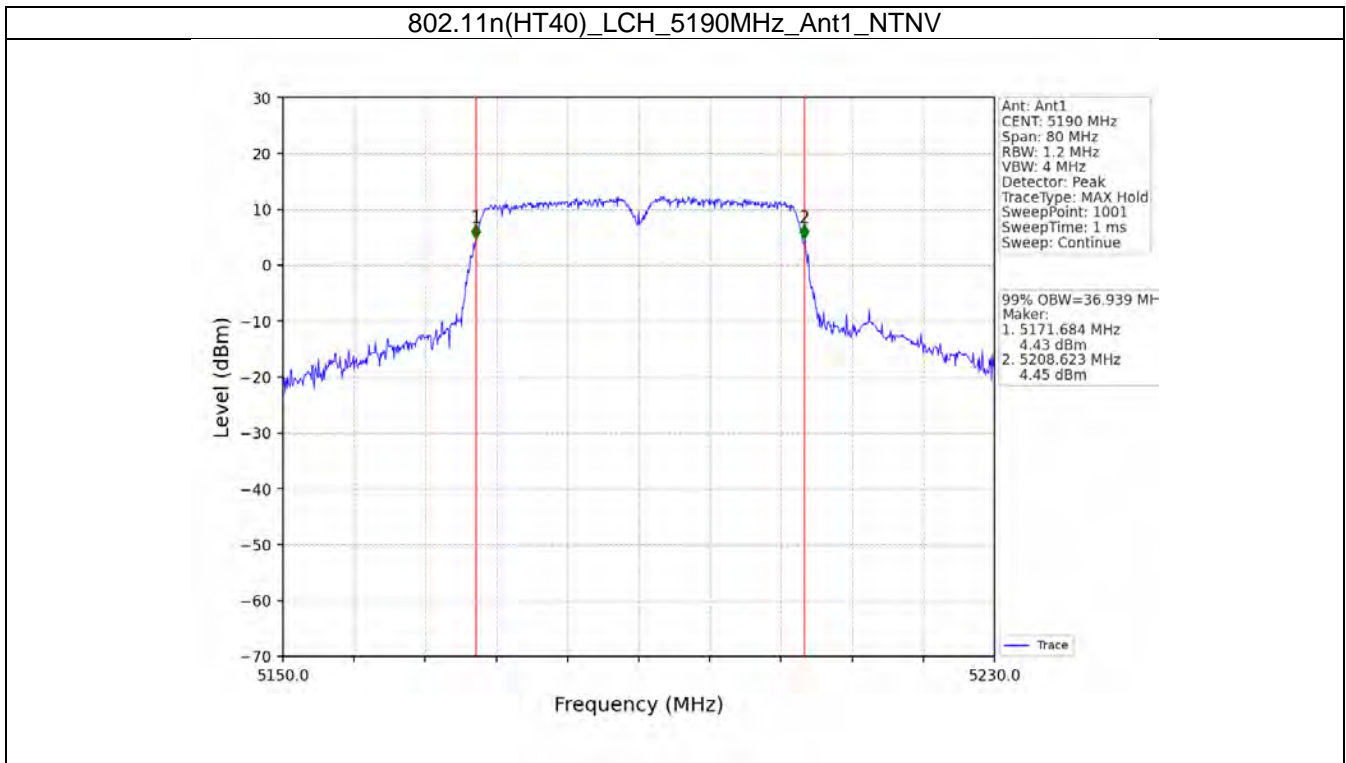
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



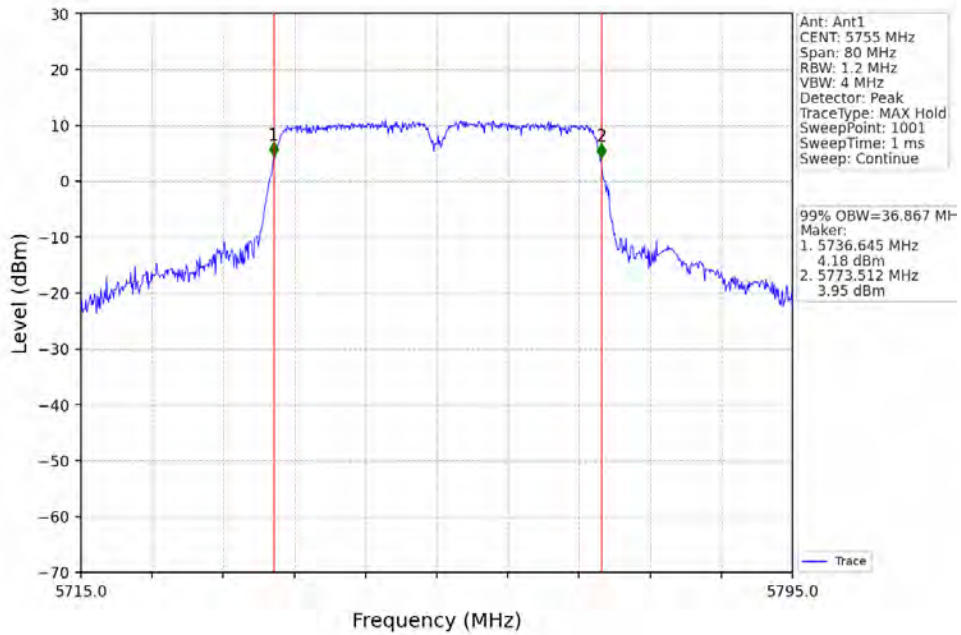
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



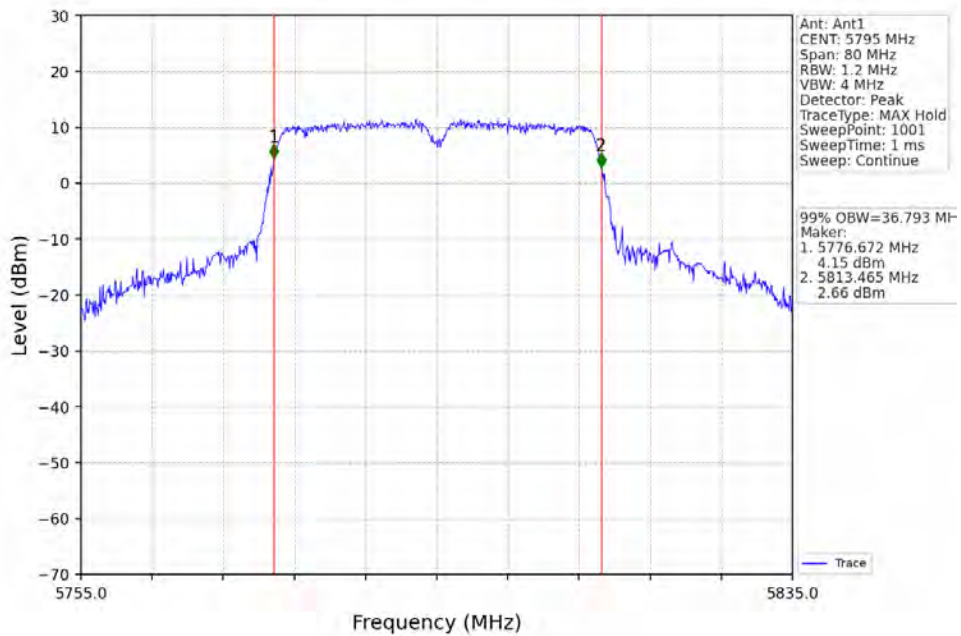


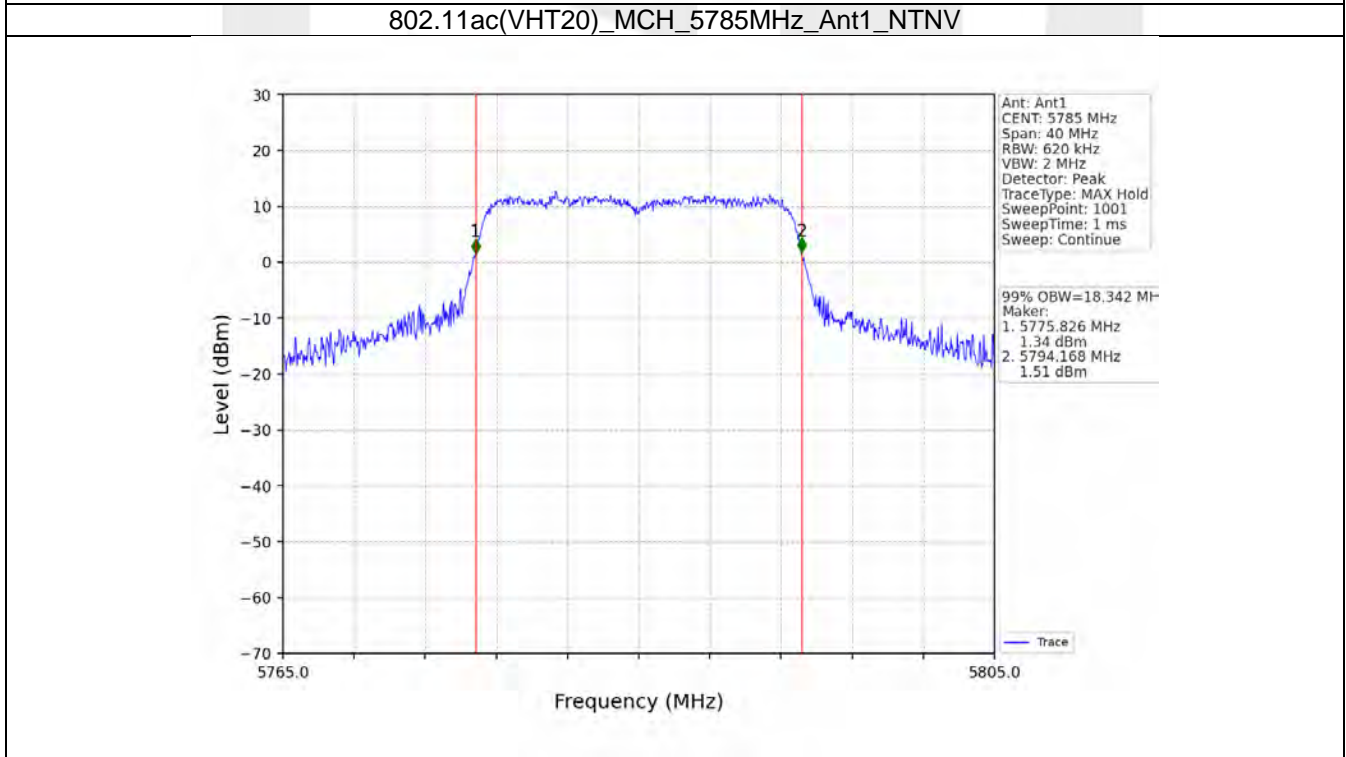
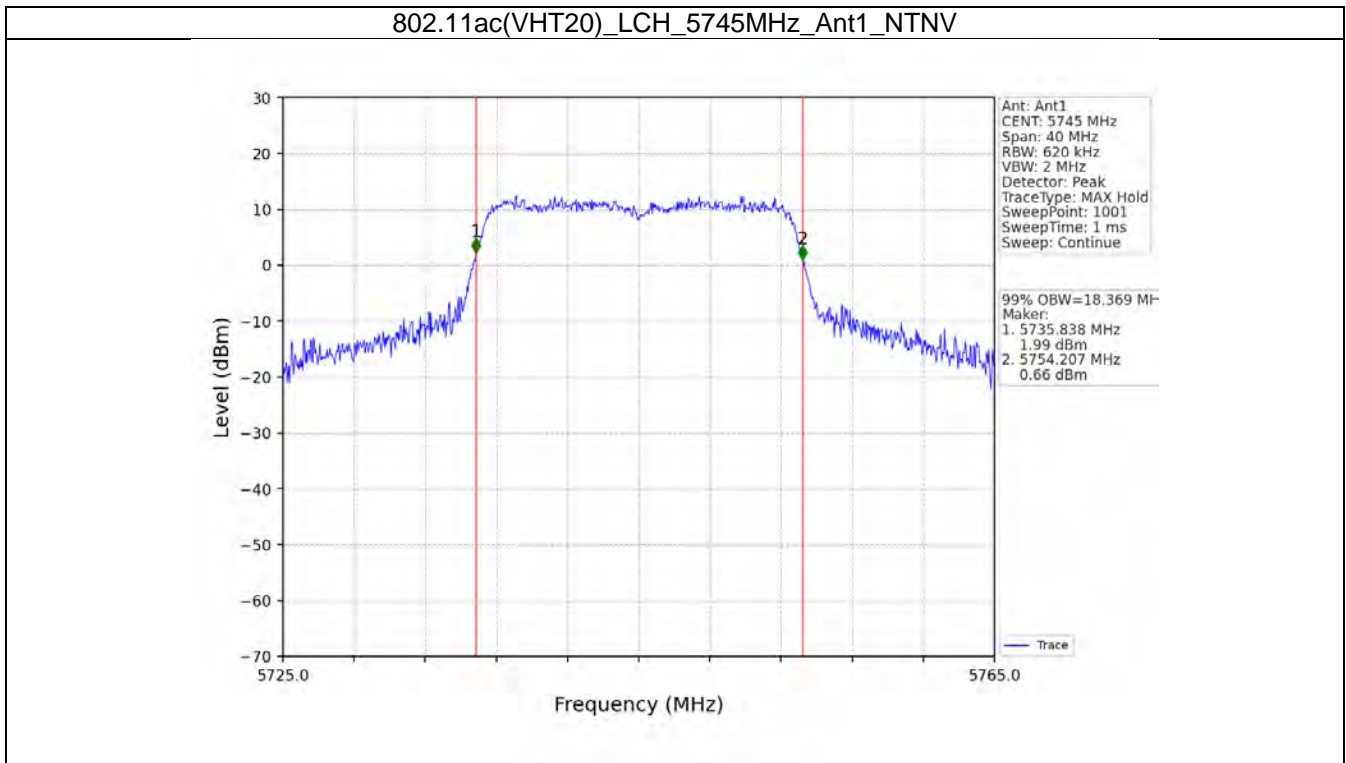


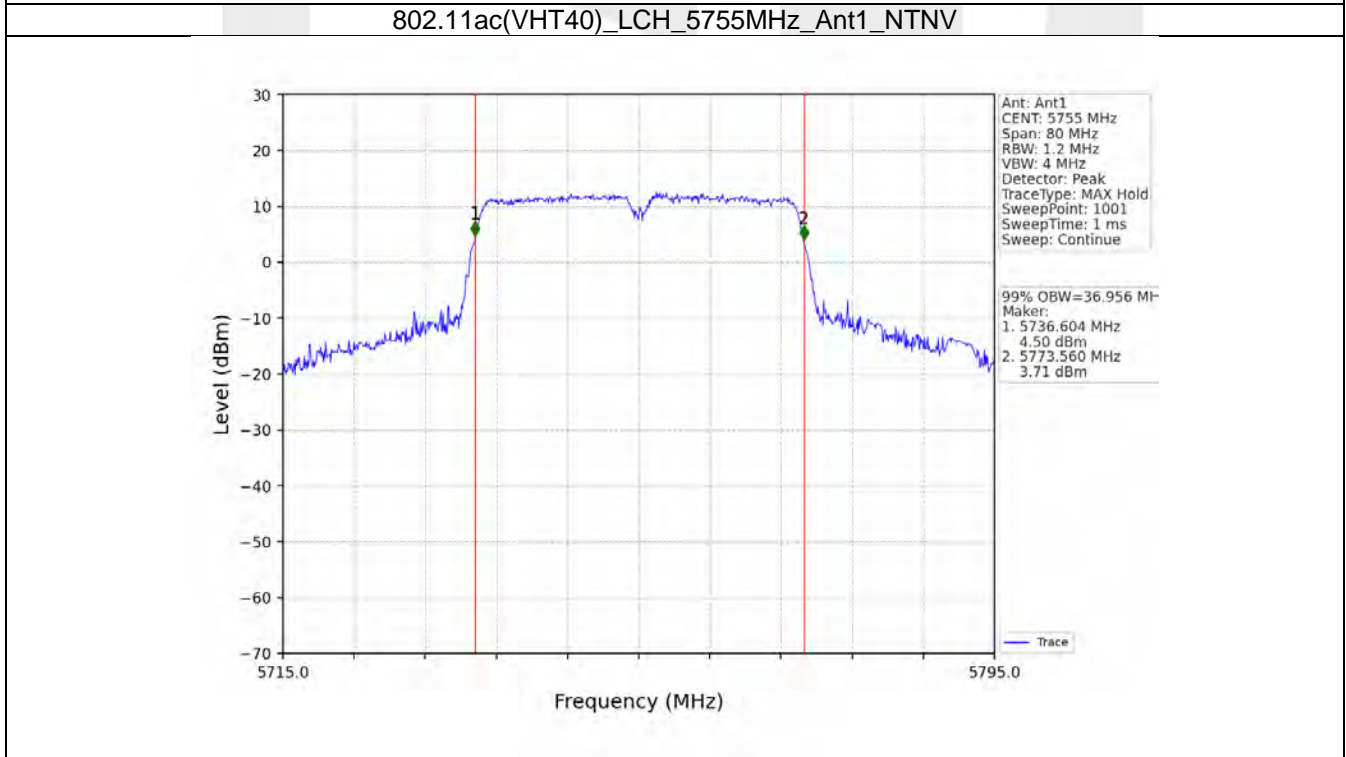
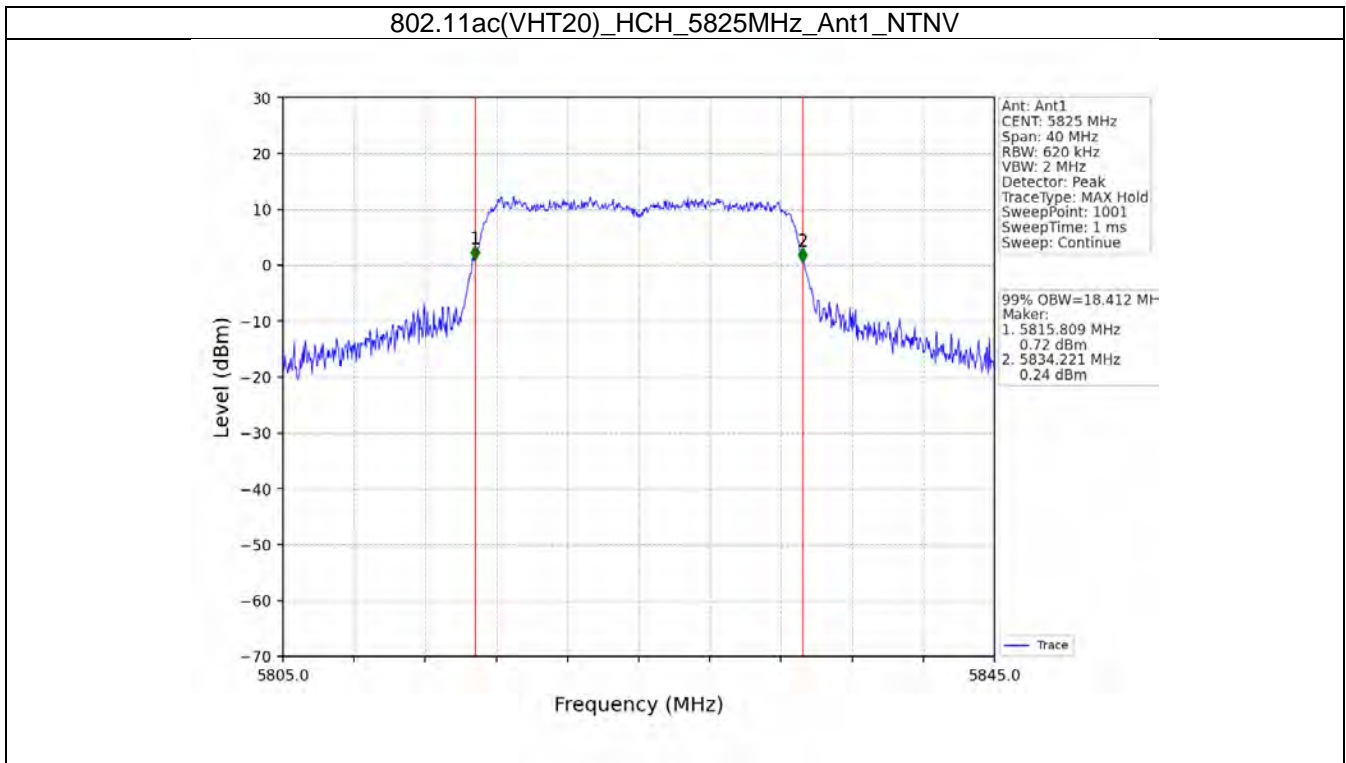
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

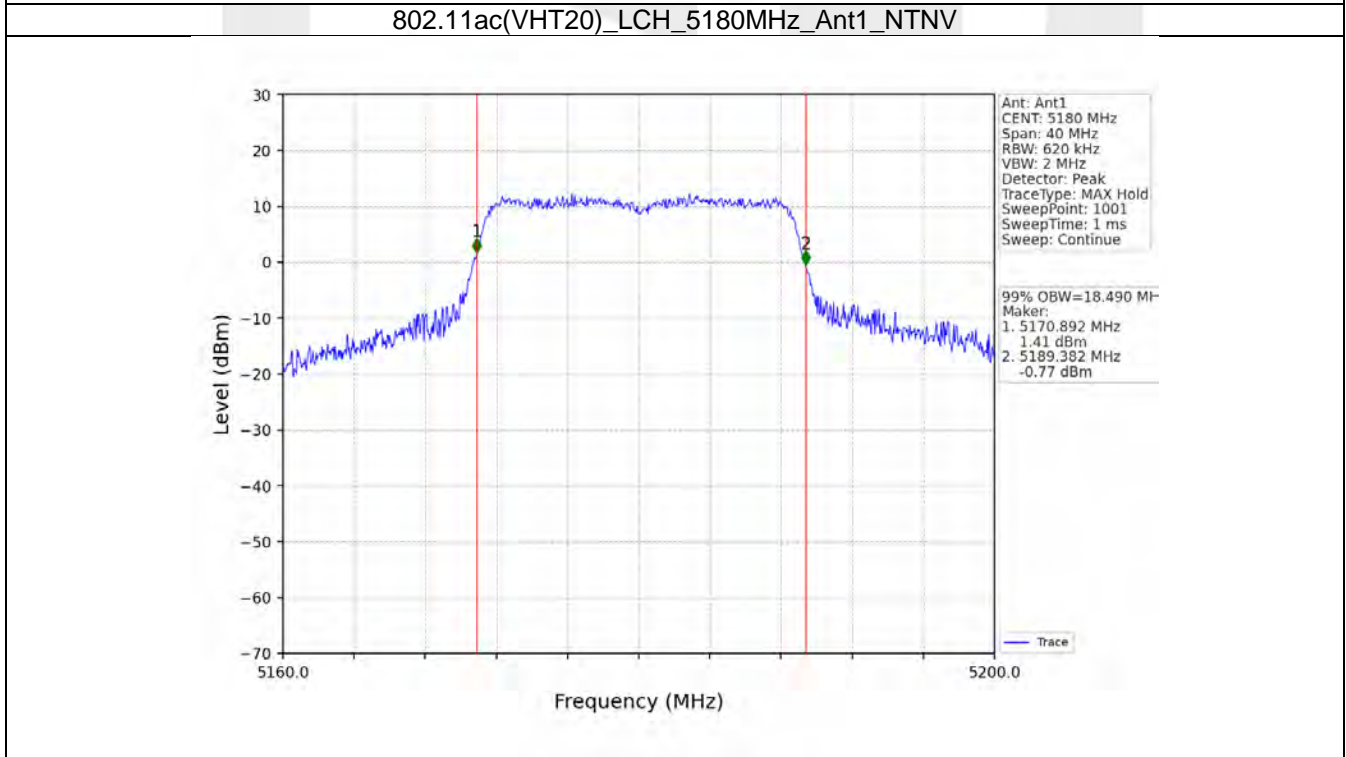
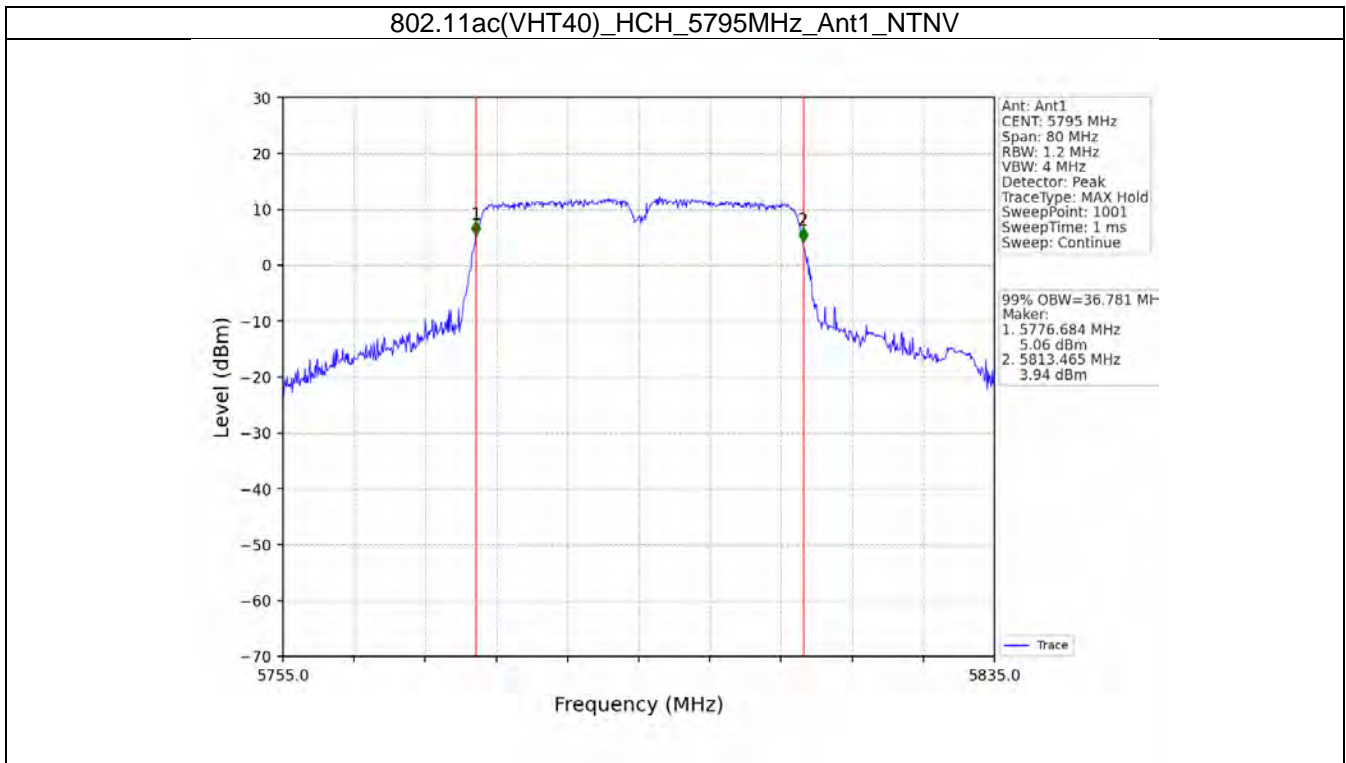


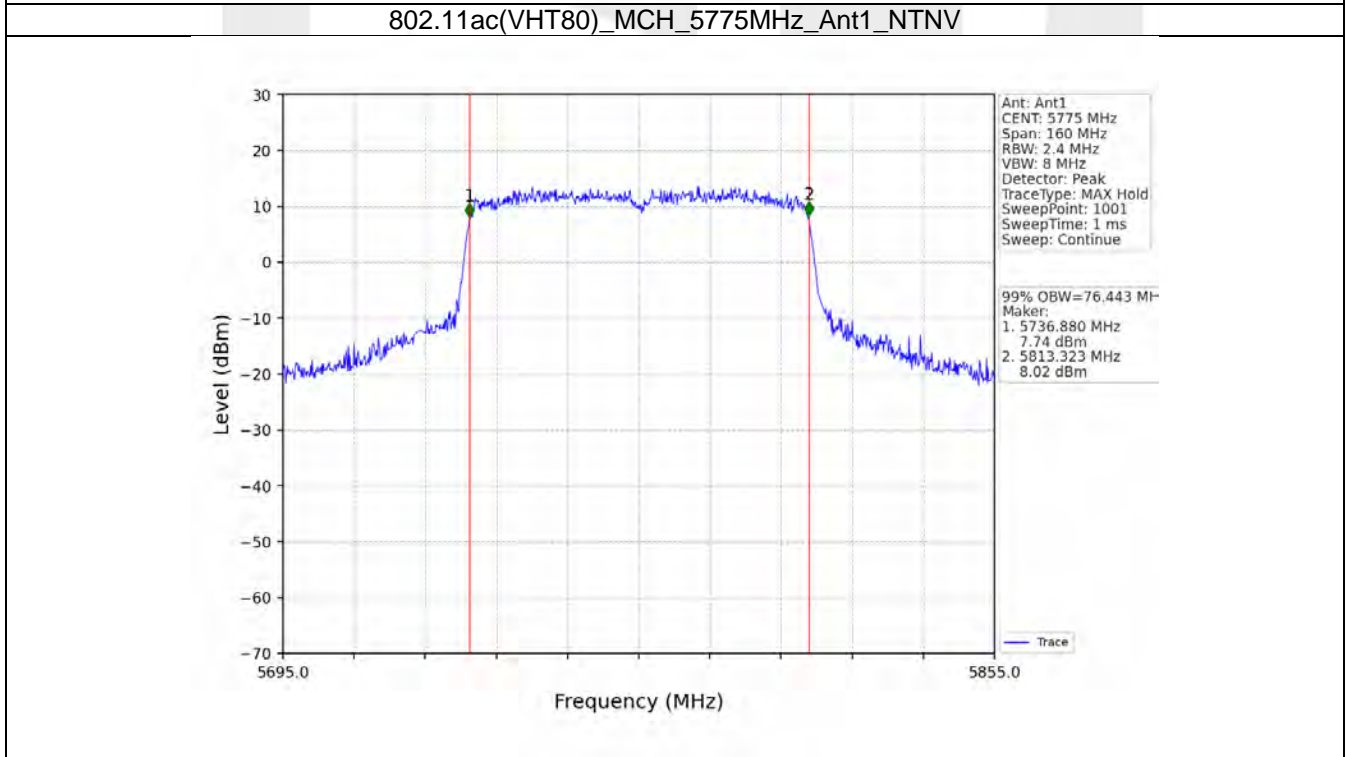
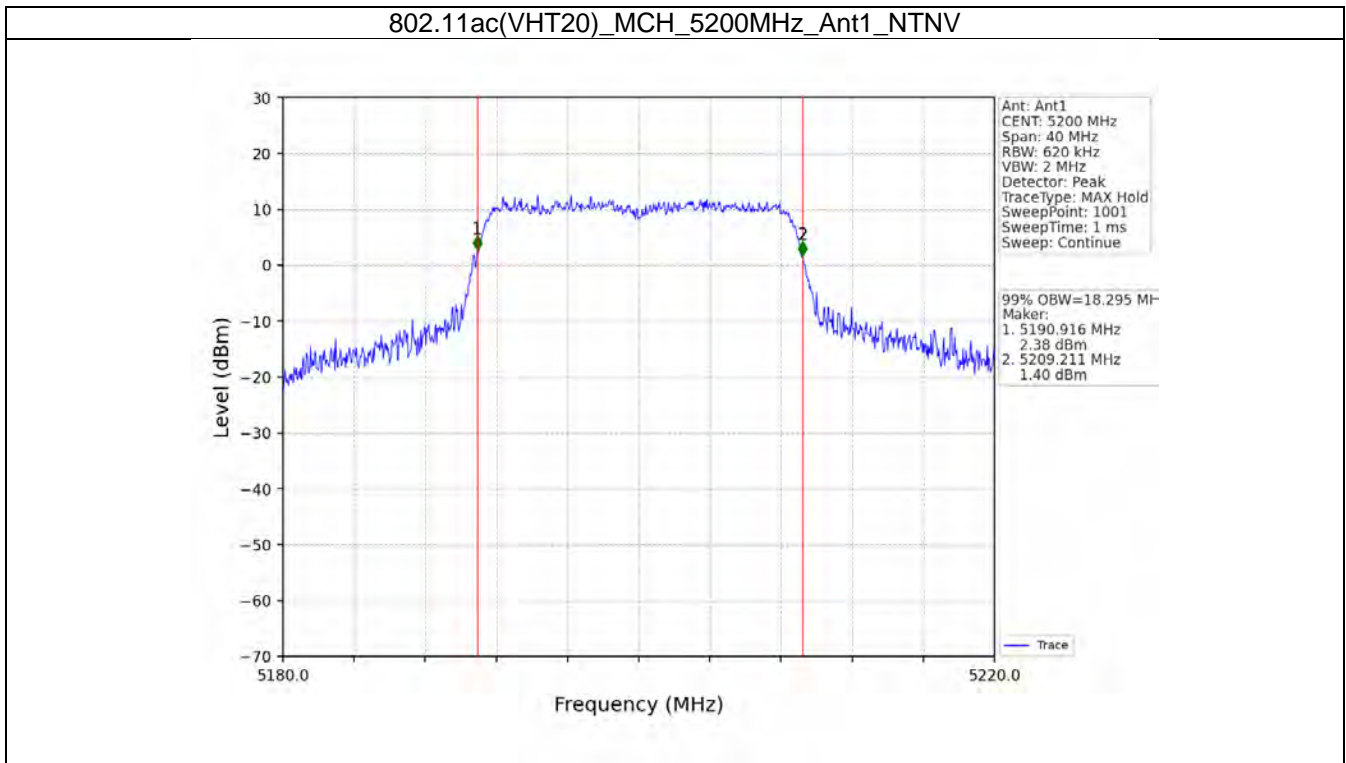
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

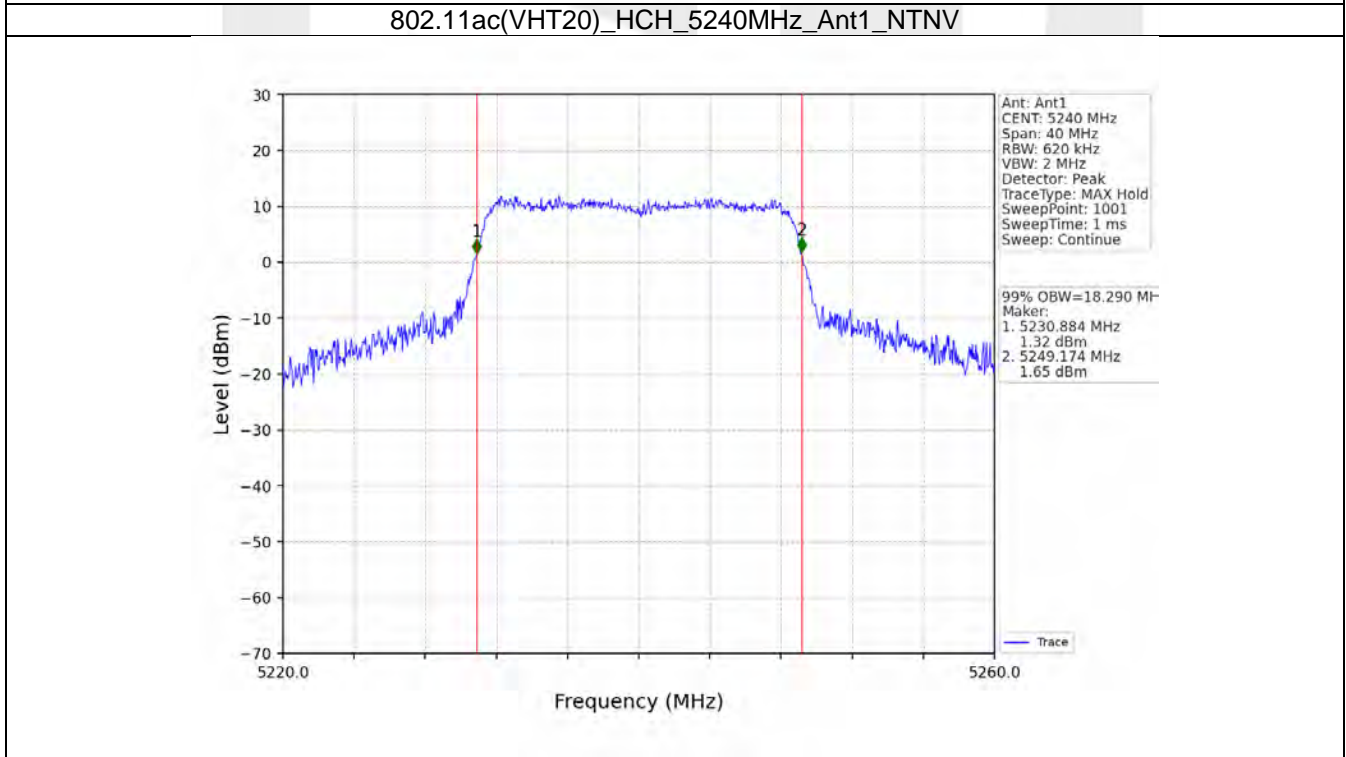
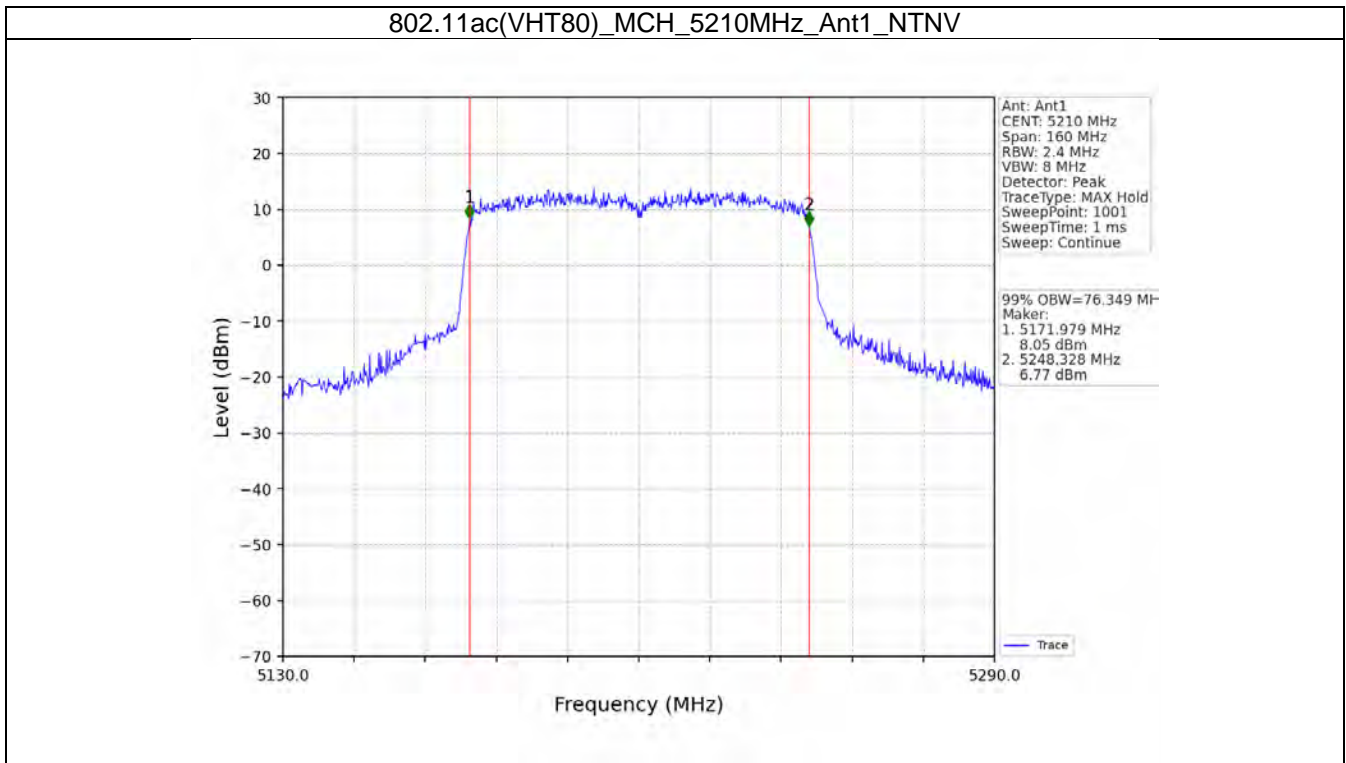


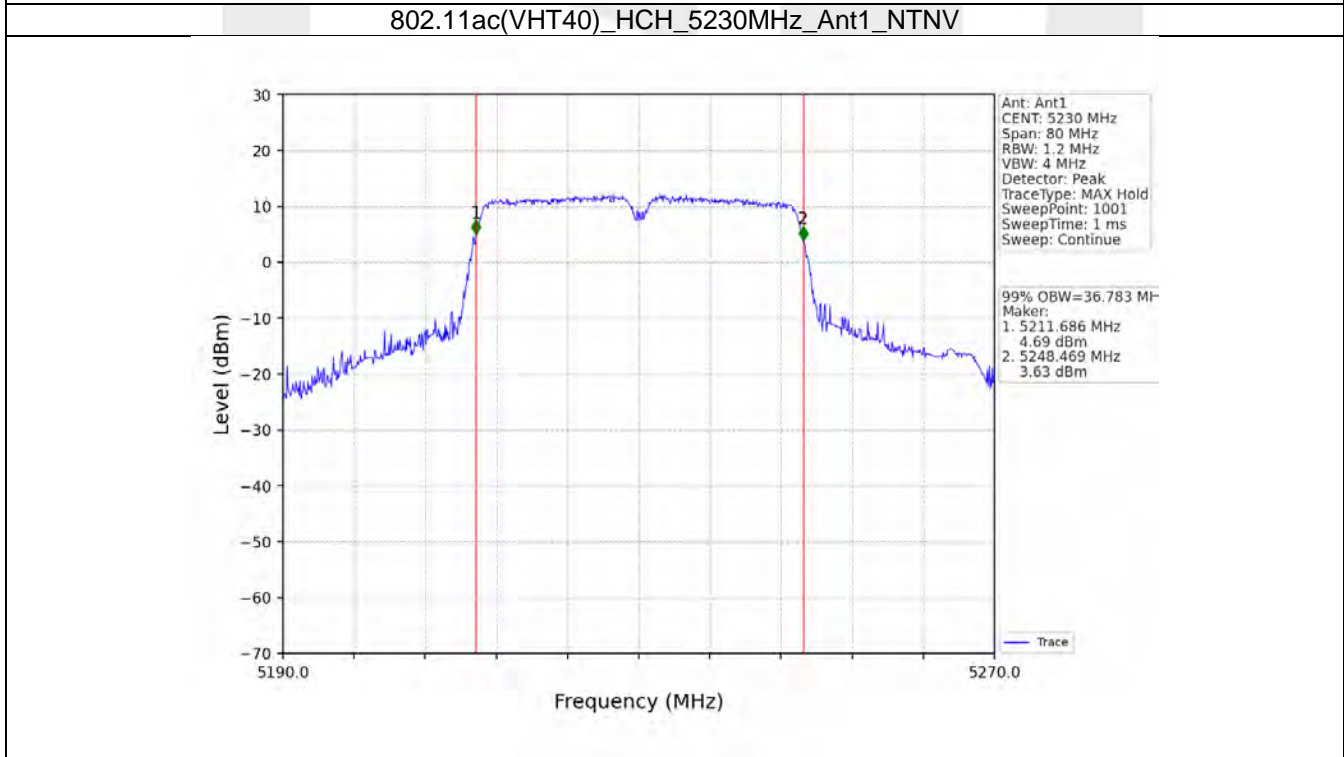
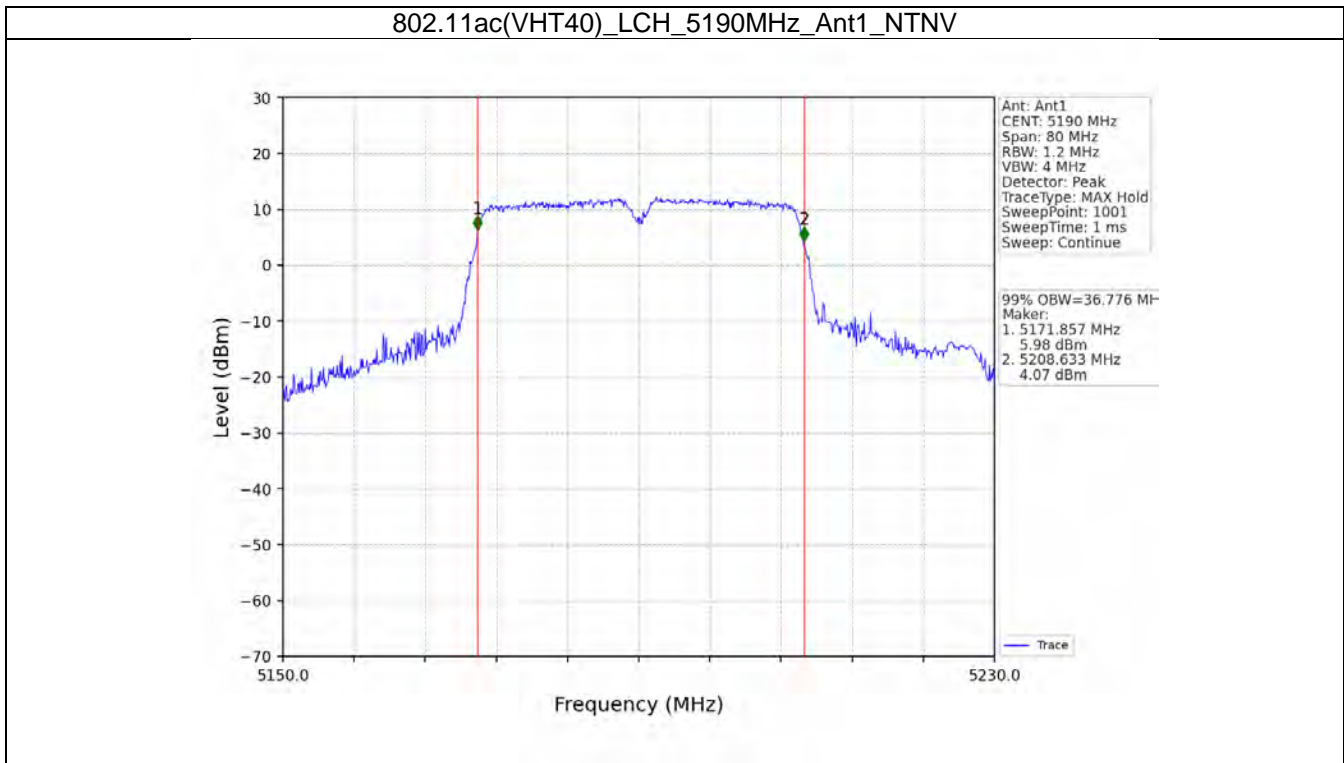








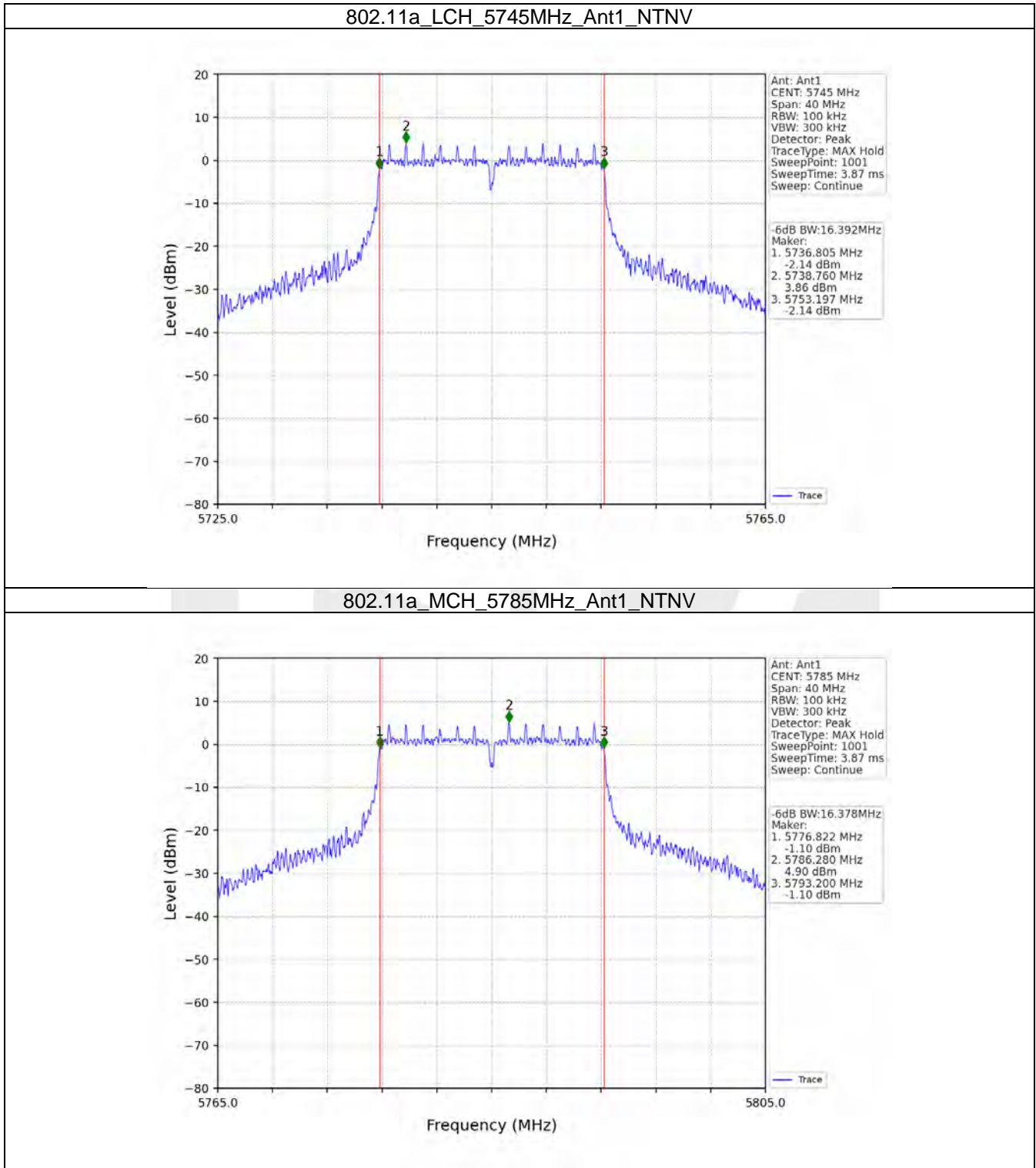


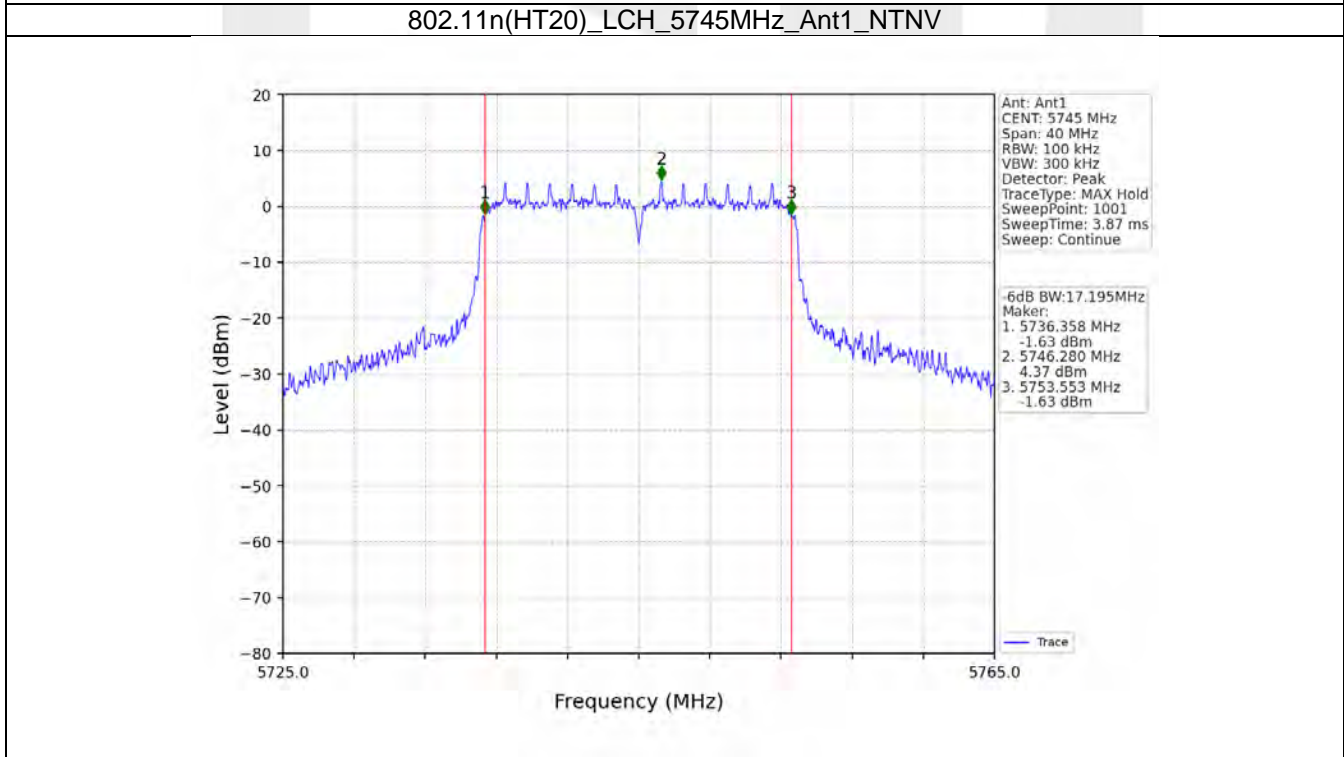
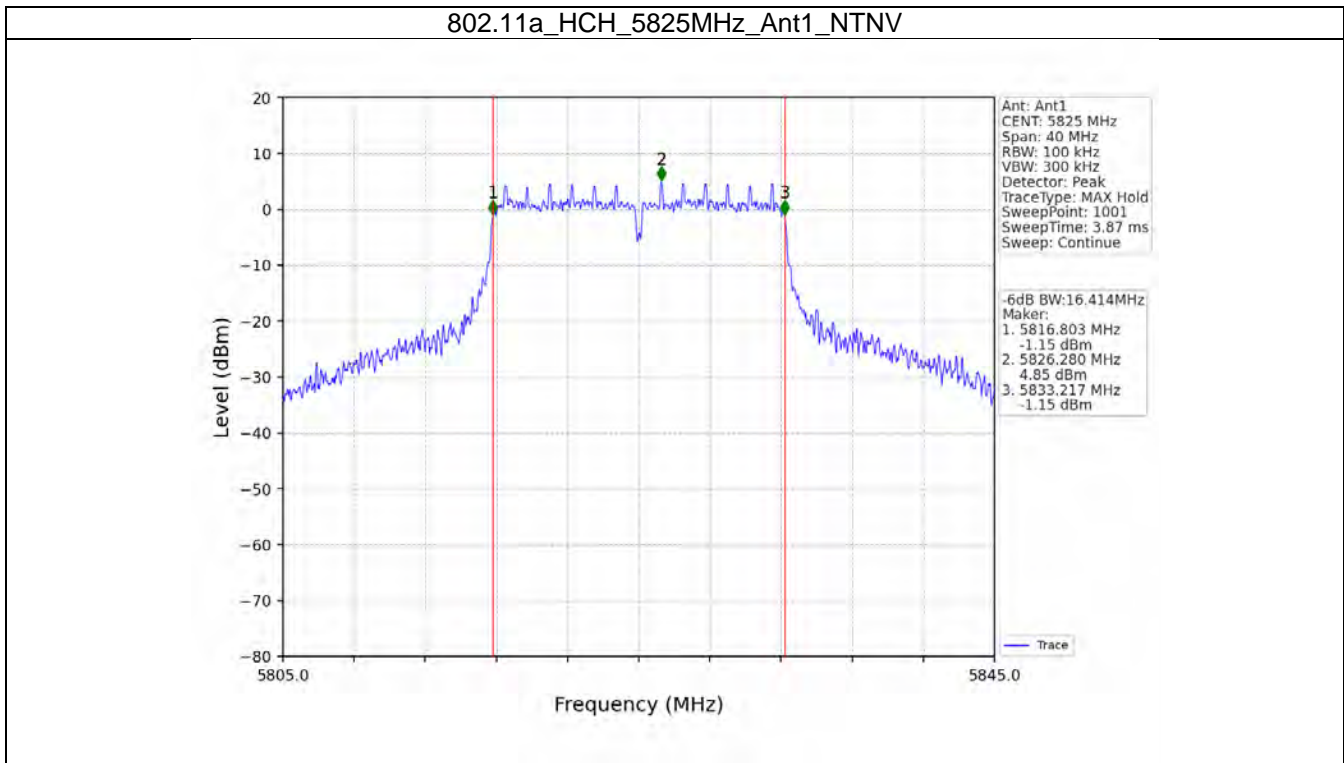


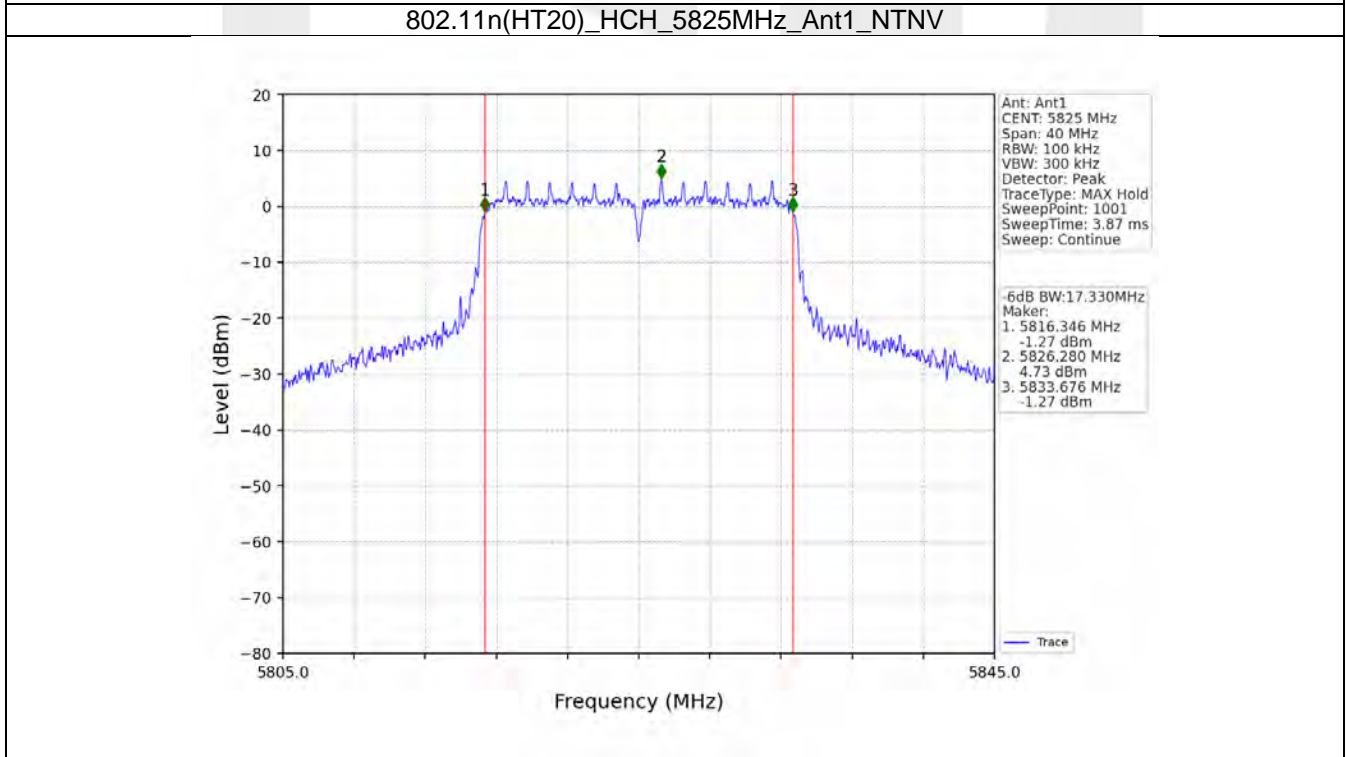
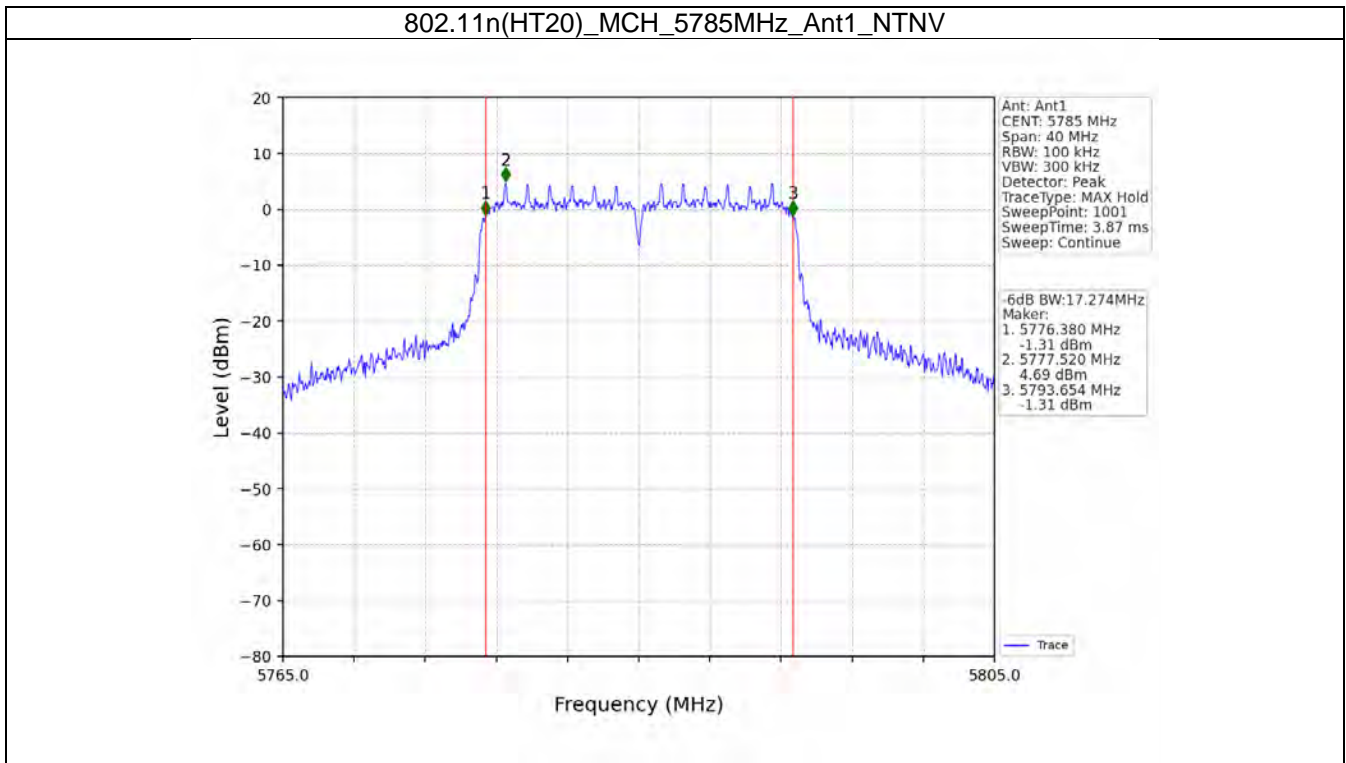
2.2 6dB BW
2.2.1 Test Result

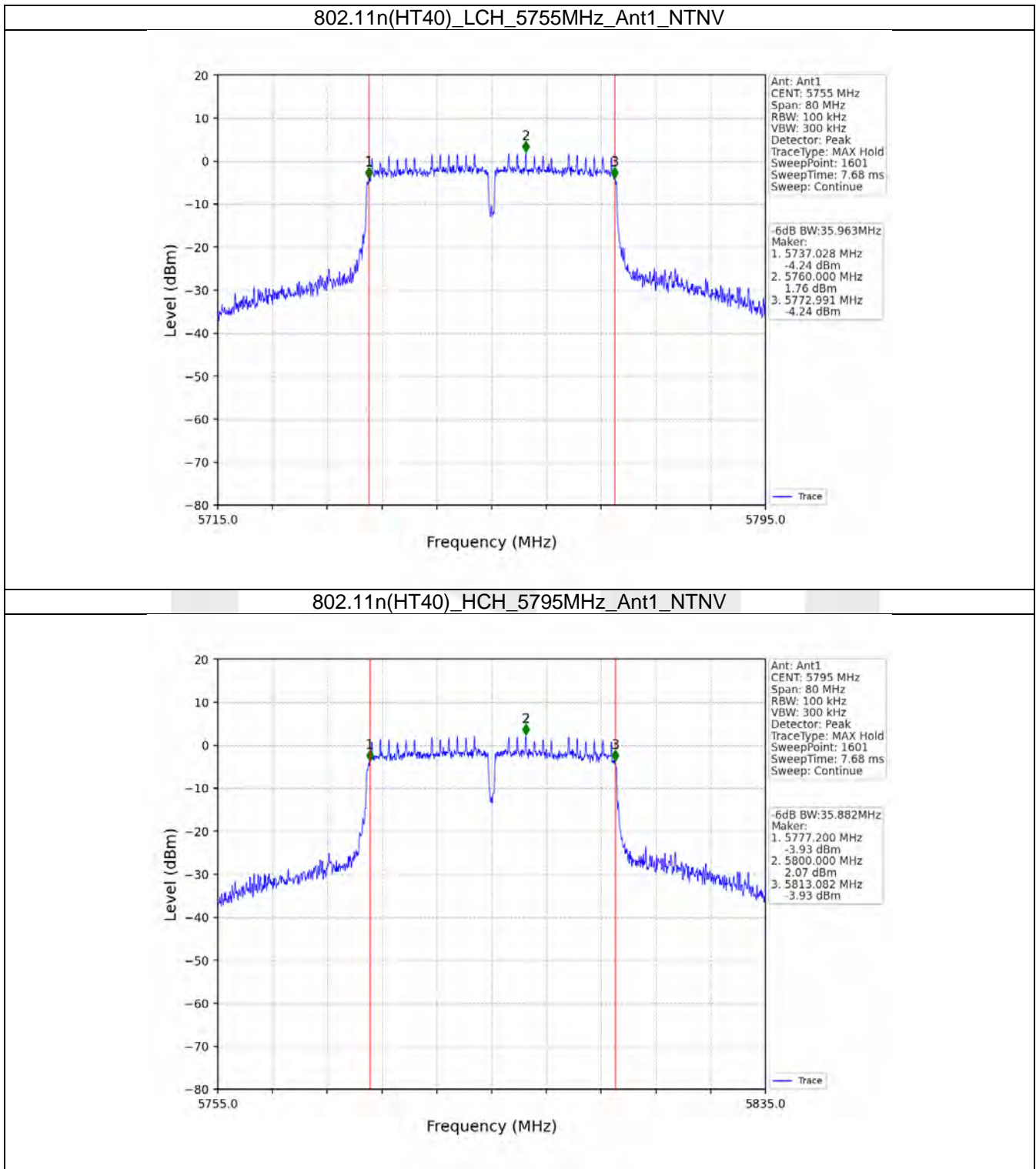
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.392	>=0.5	Pass
		5785	1	16.378	>=0.5	Pass
		5825	1	16.414	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.195	>=0.5	Pass
		5785	1	17.274	>=0.5	Pass
		5825	1	17.330	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	35.963	>=0.5	Pass
		5795	1	35.882	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.279	>=0.5	Pass
		5785	1	17.259	>=0.5	Pass
		5825	1	17.309	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.932	>=0.5	Pass
		5795	1	36.012	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.676	>=0.5	Pass

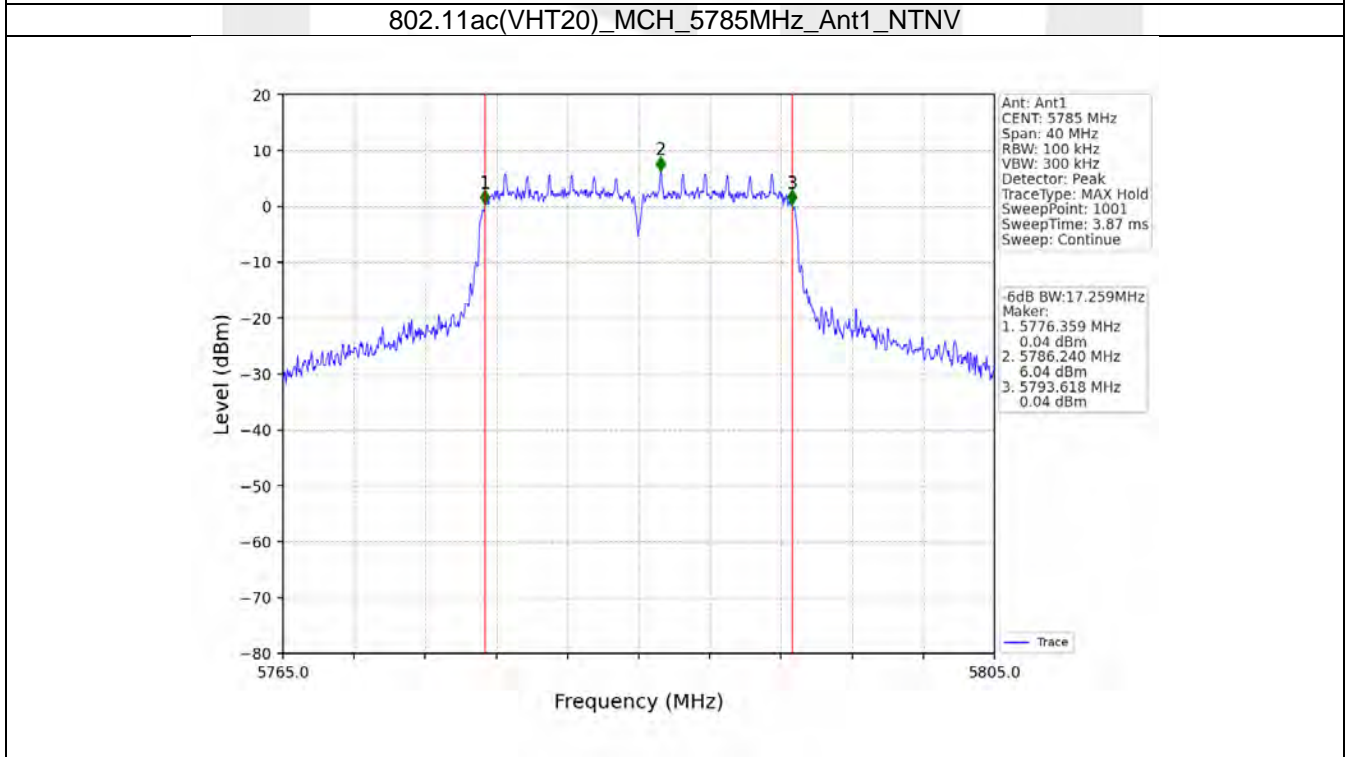
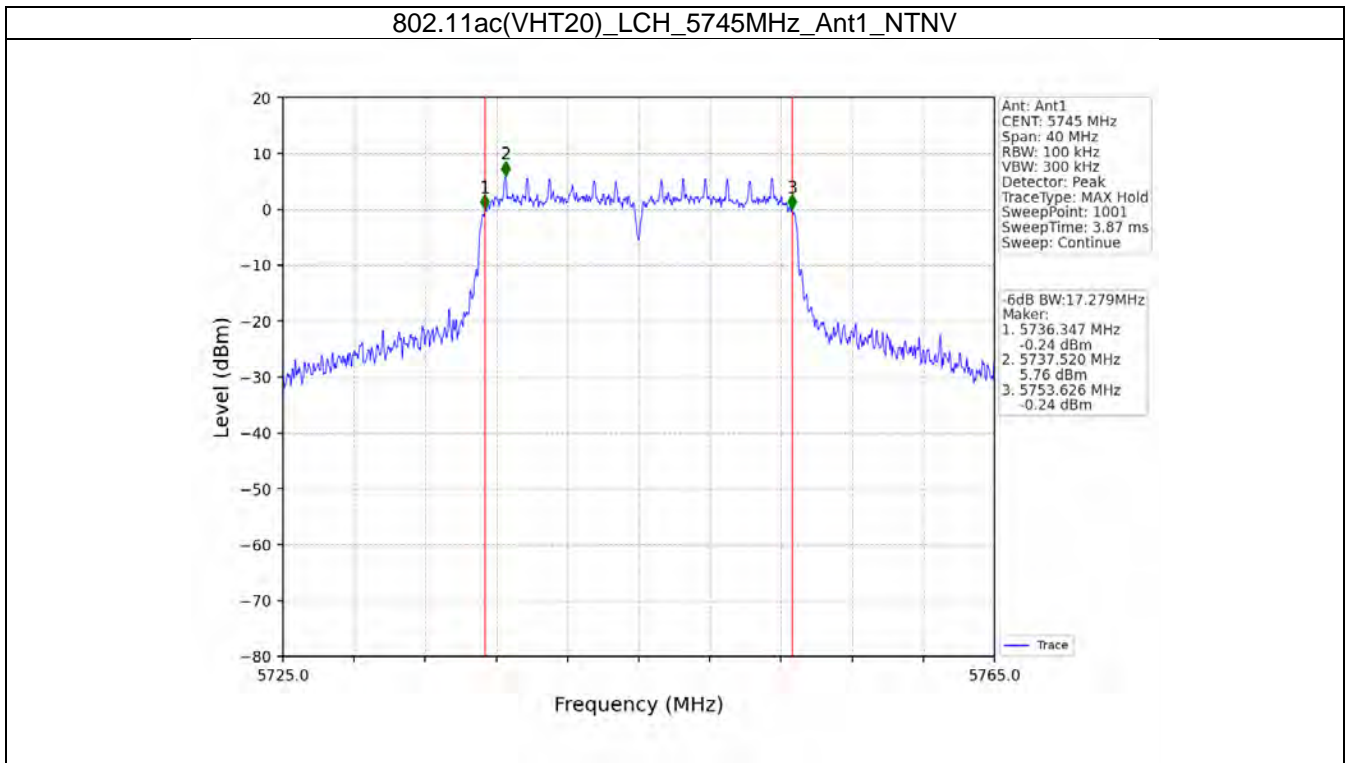
2.2.2 Test Graph

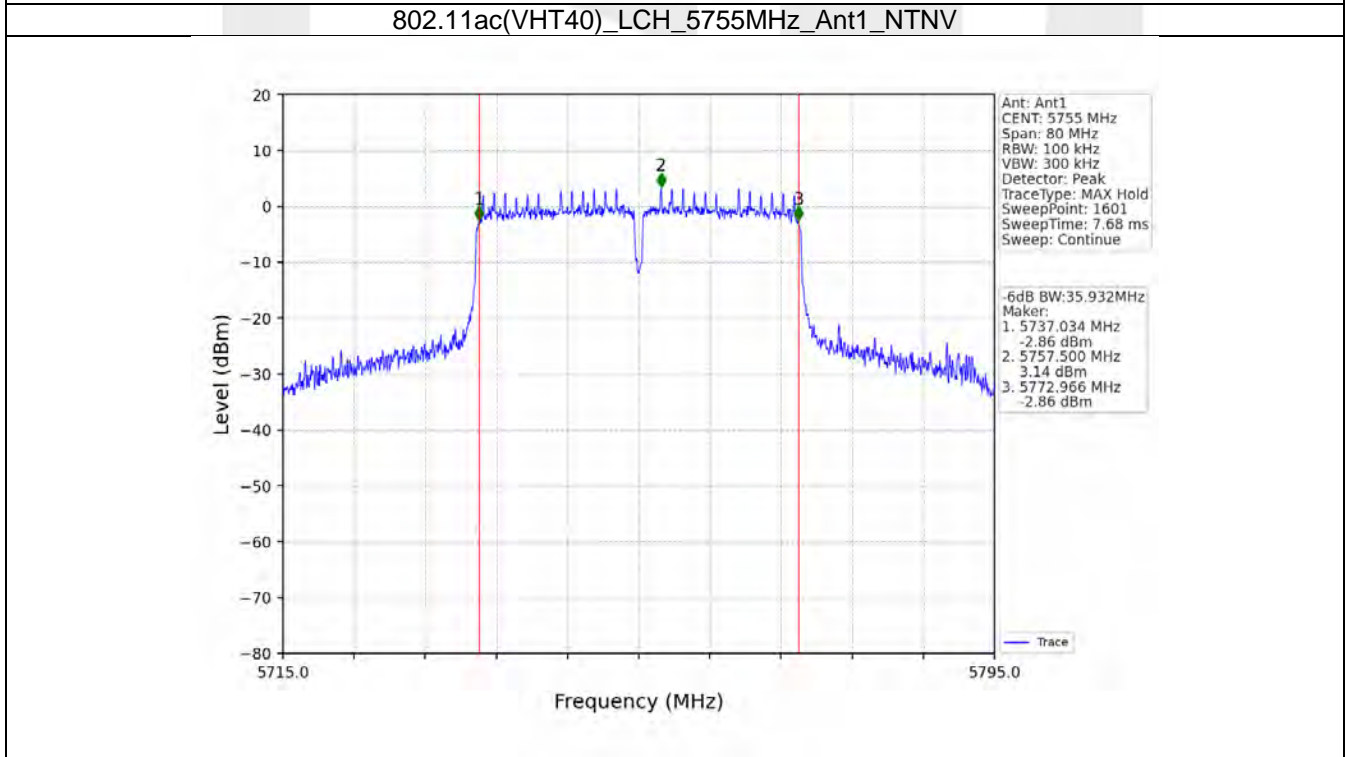
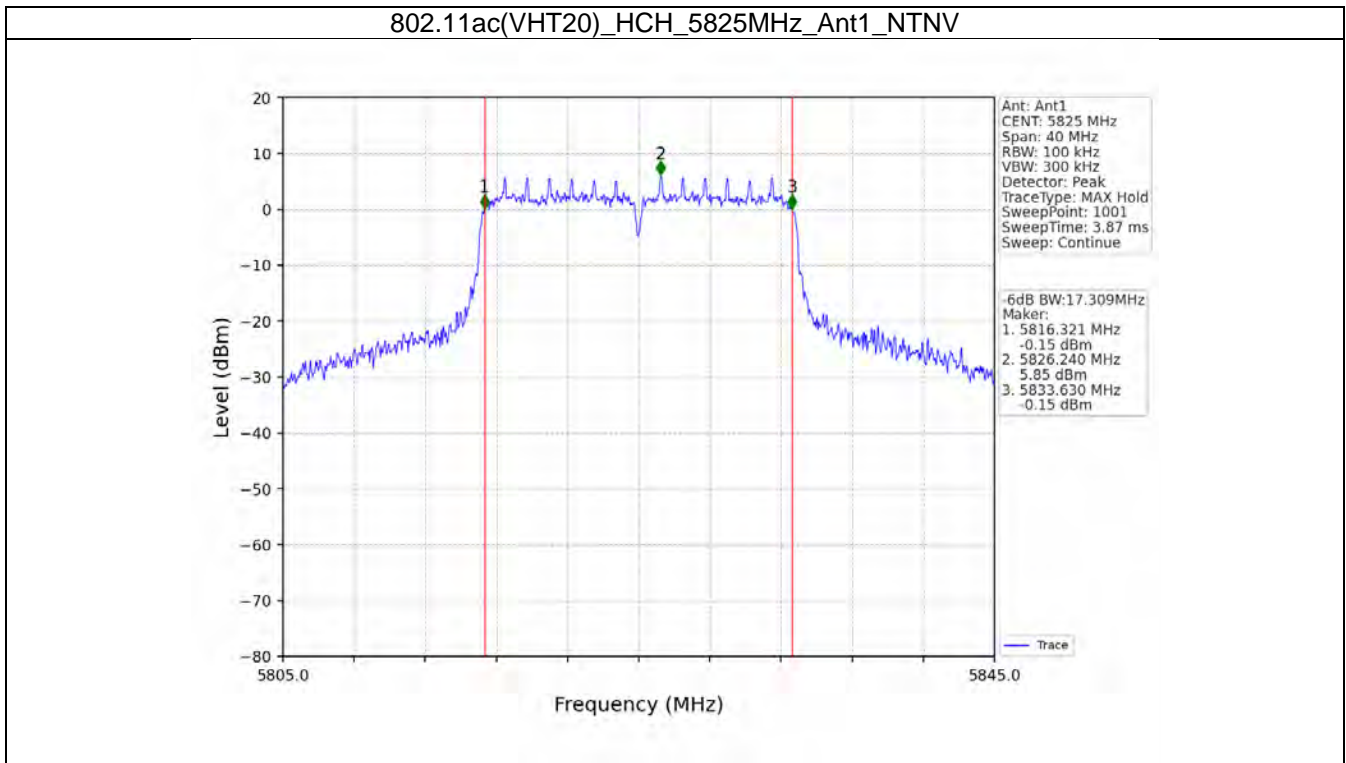


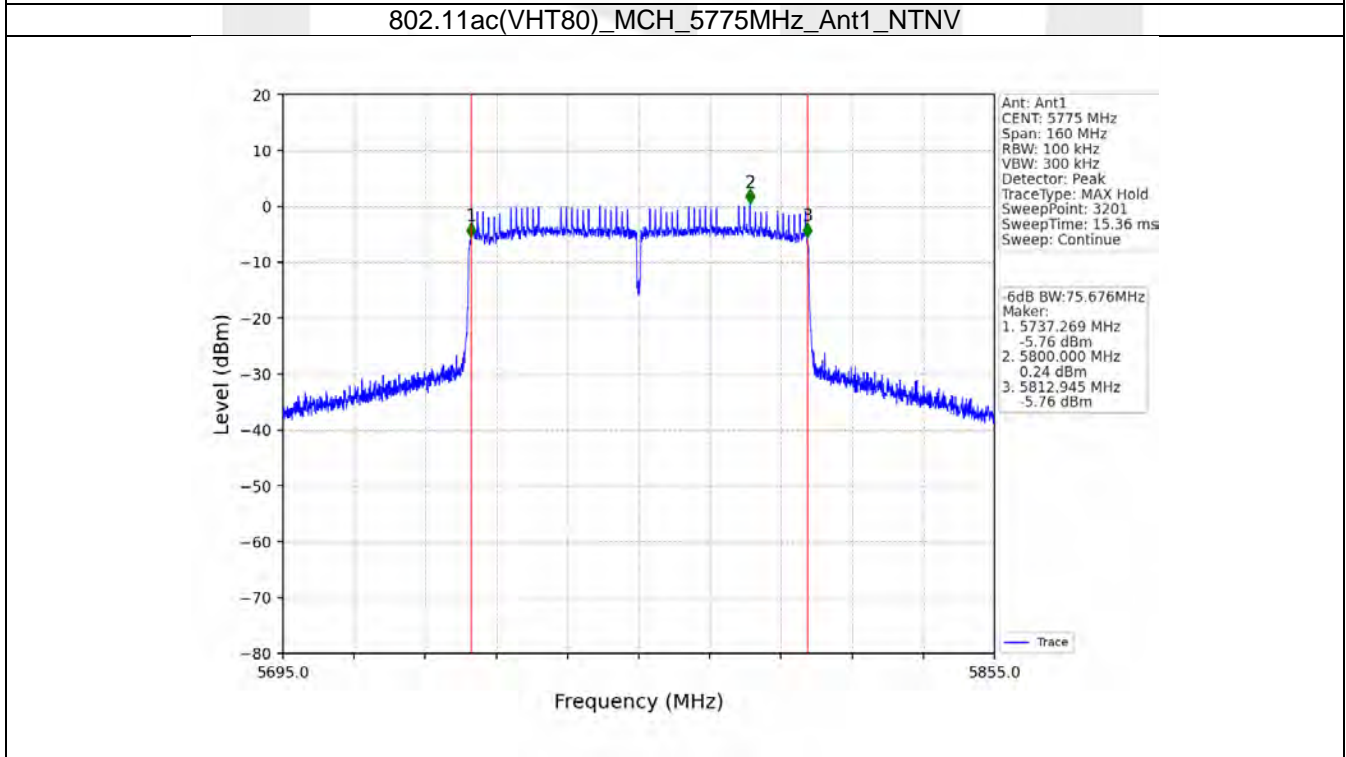
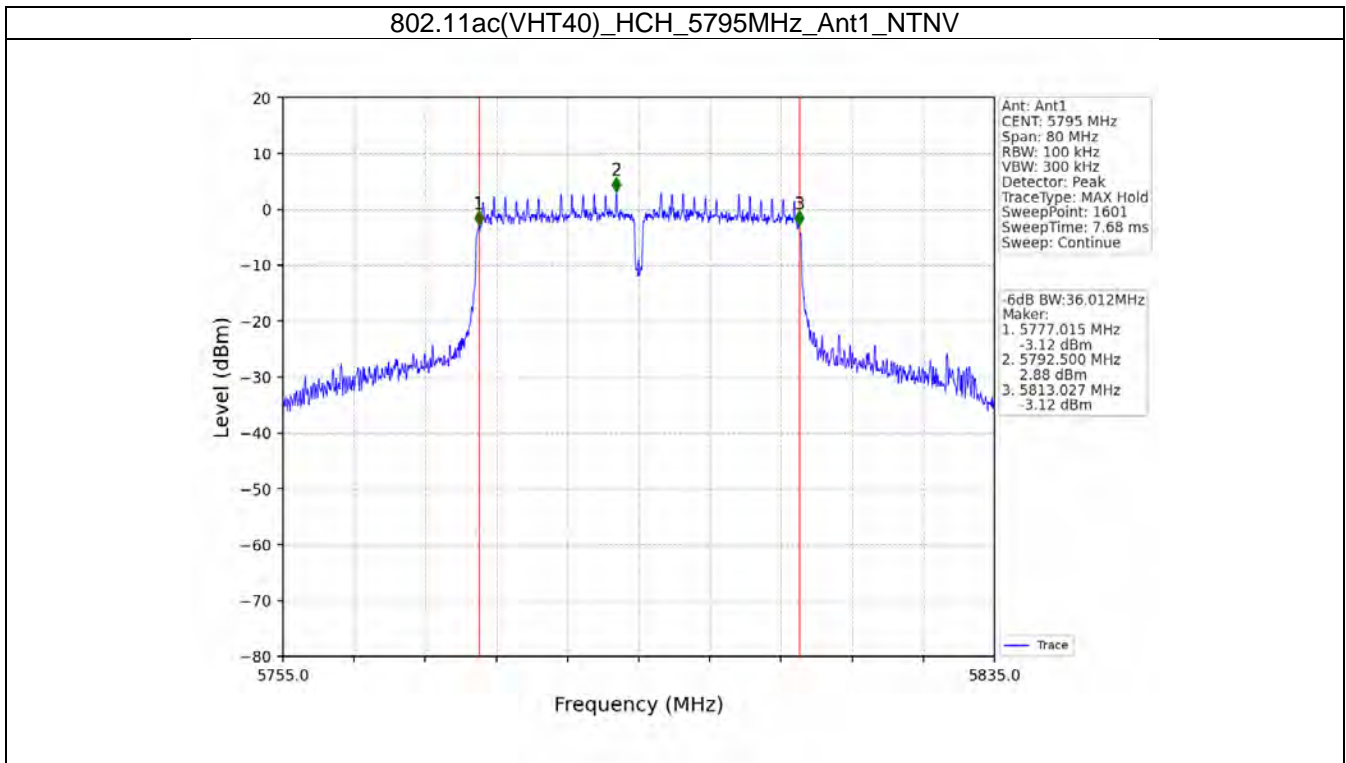








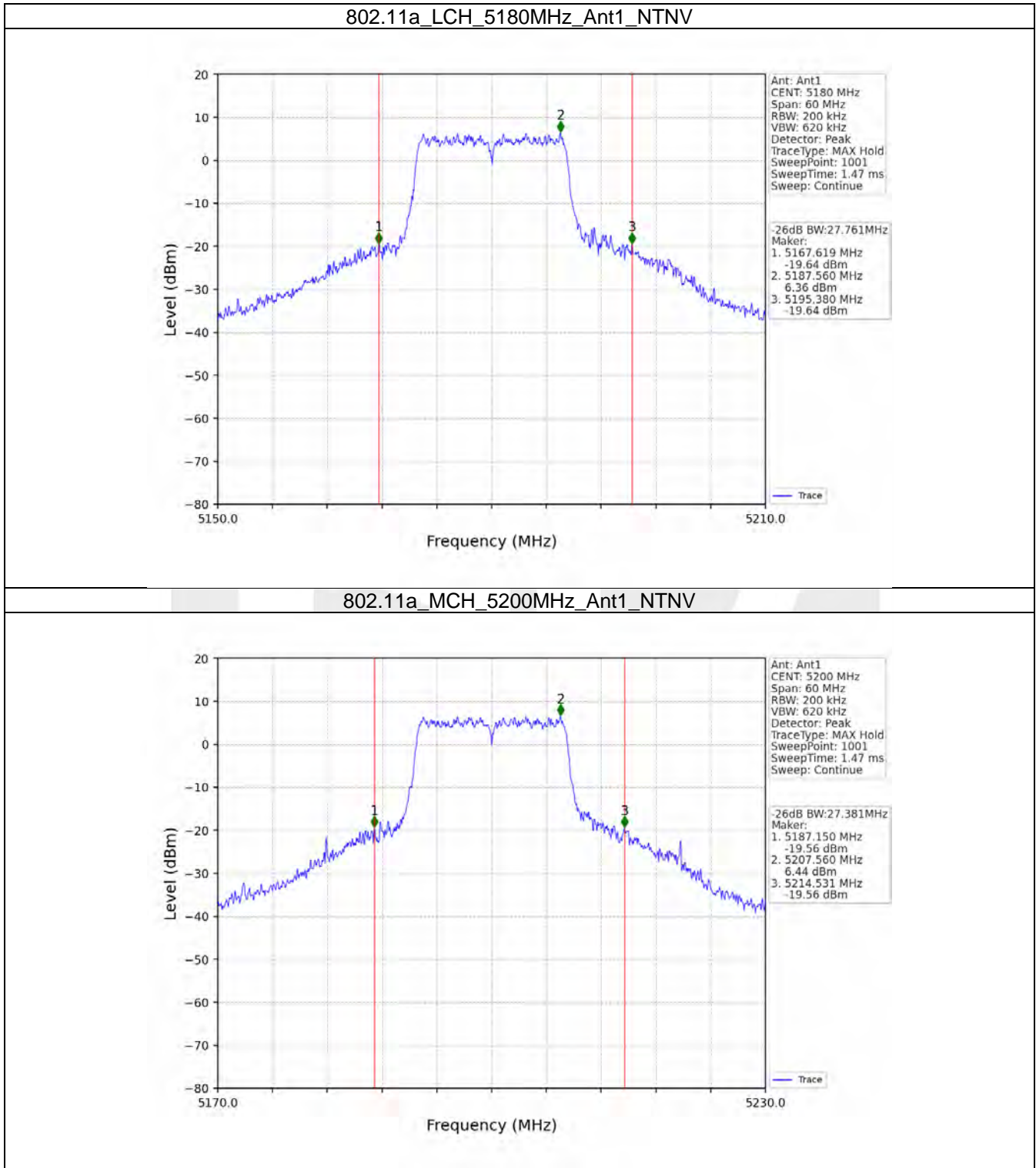


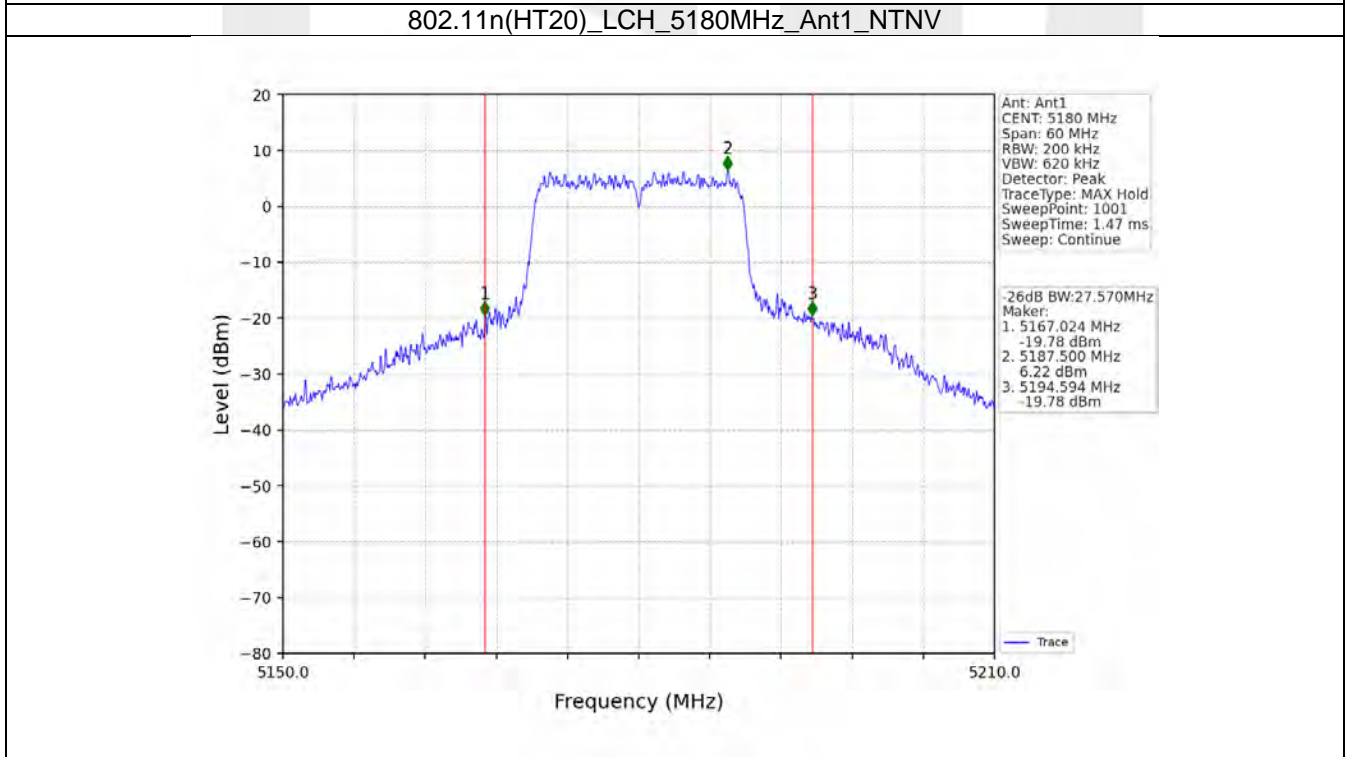
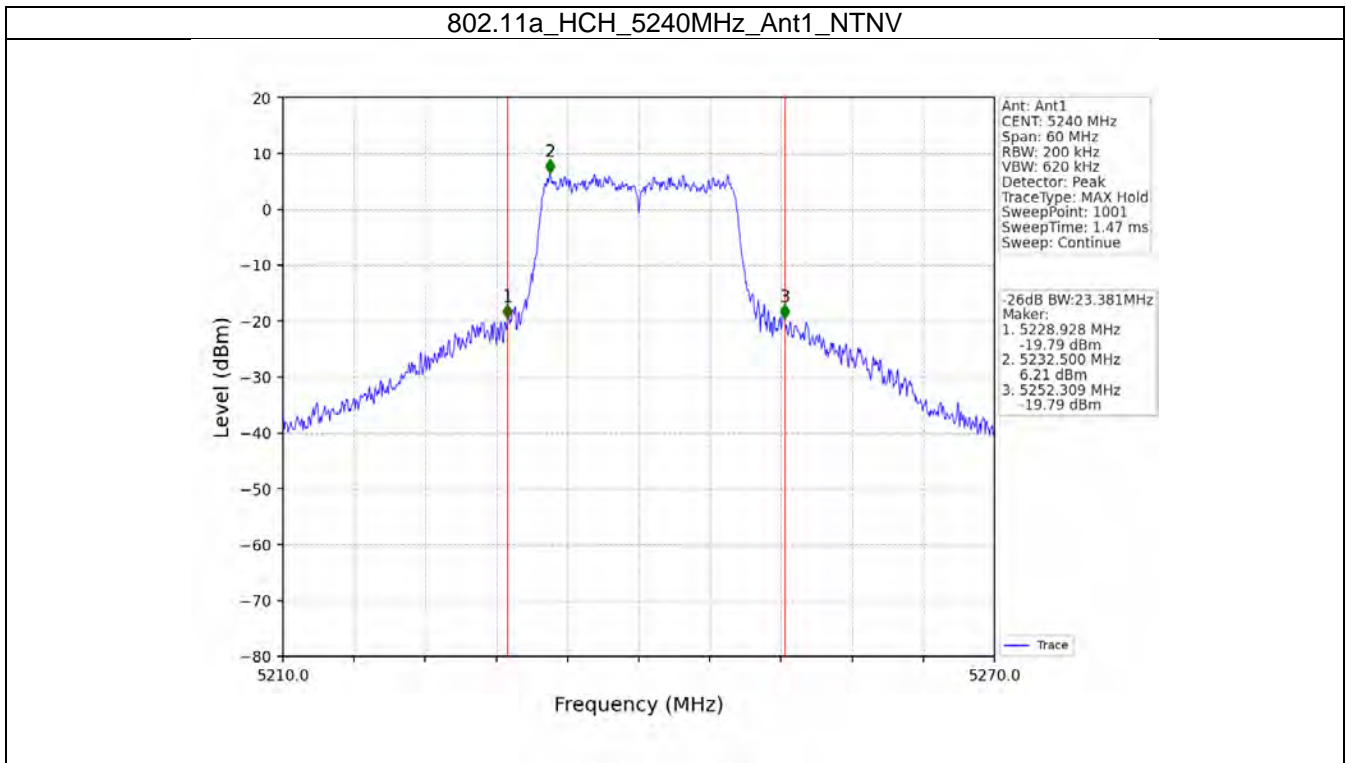


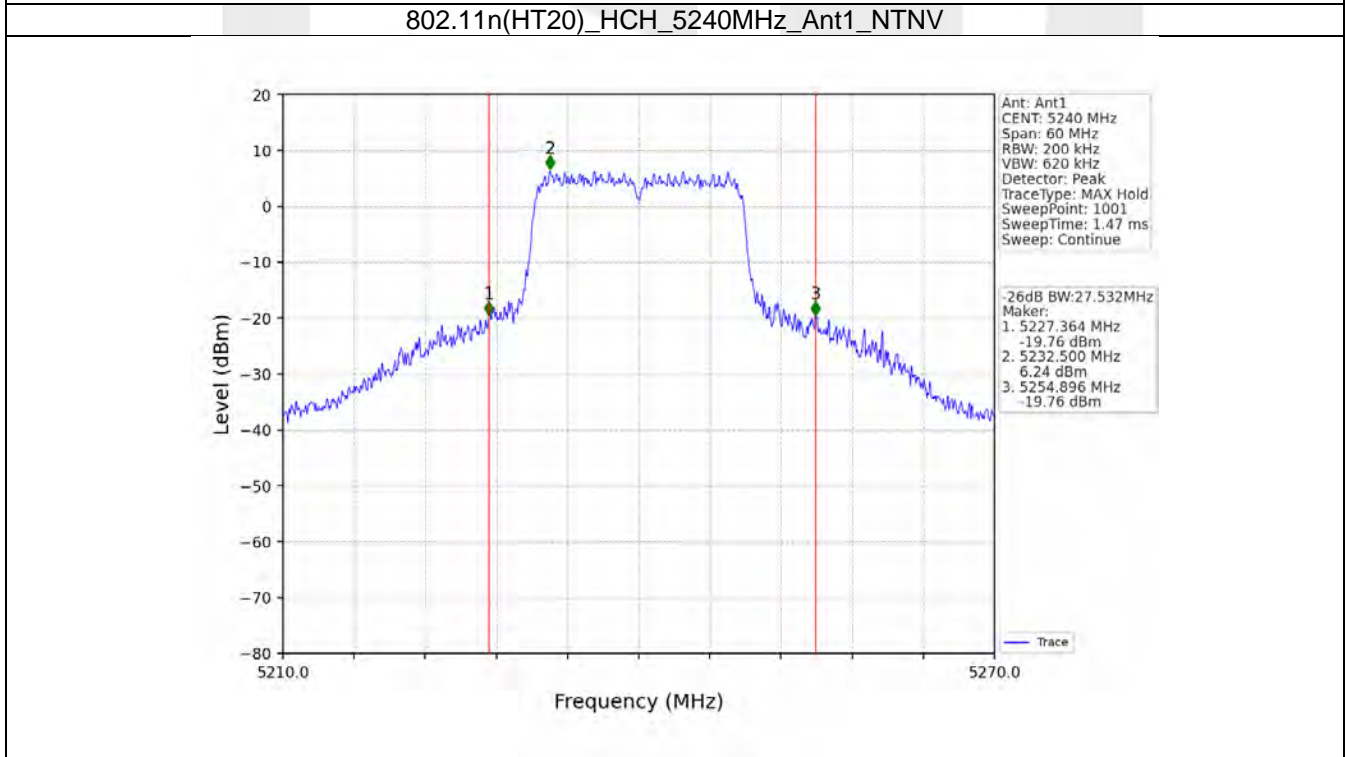
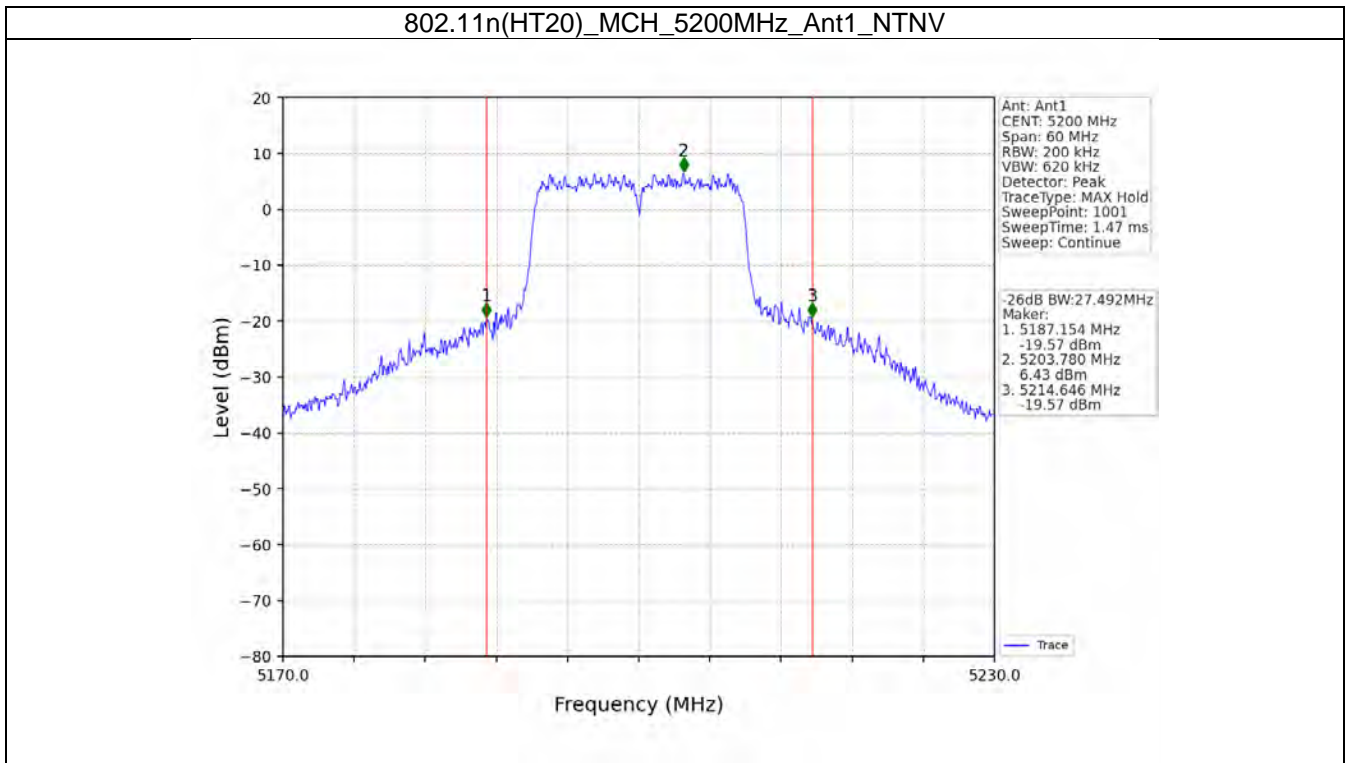
2.3 26dB BW
2.3.1 Test Result

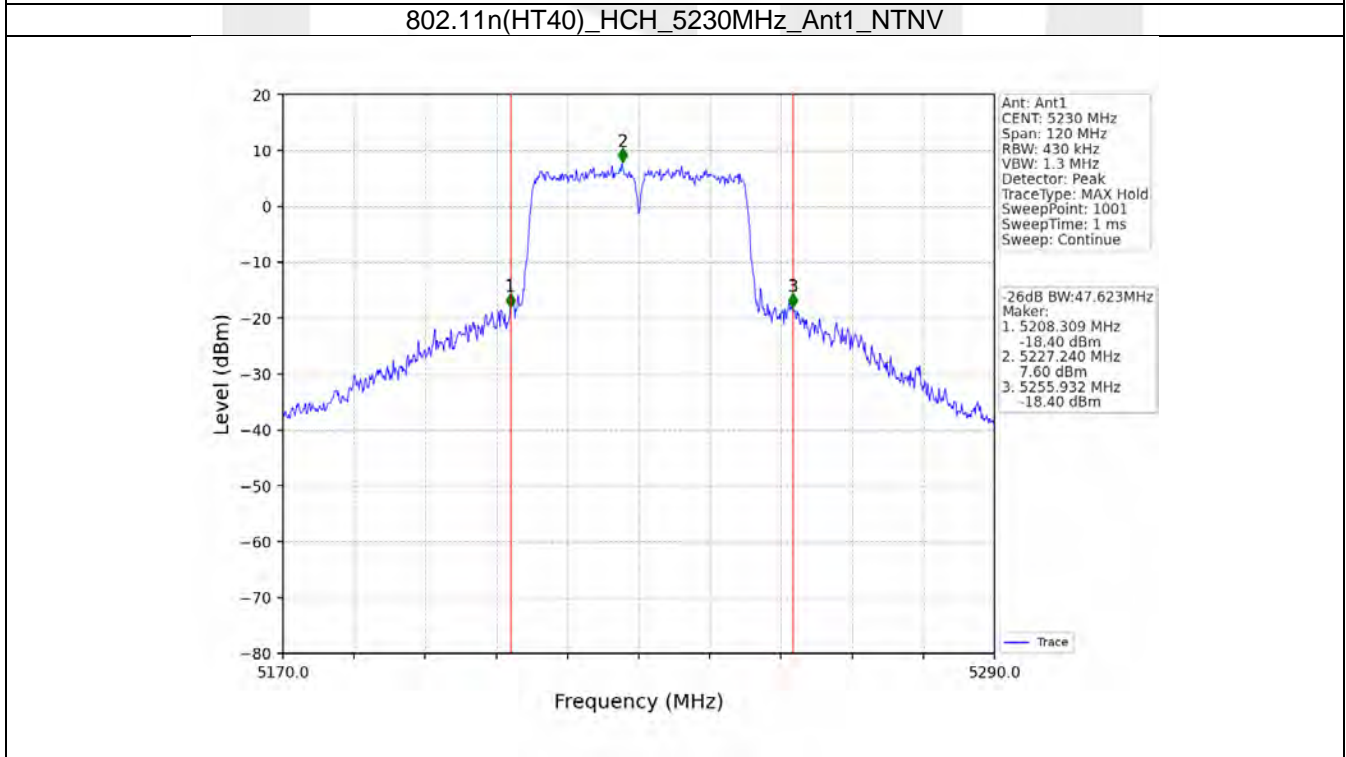
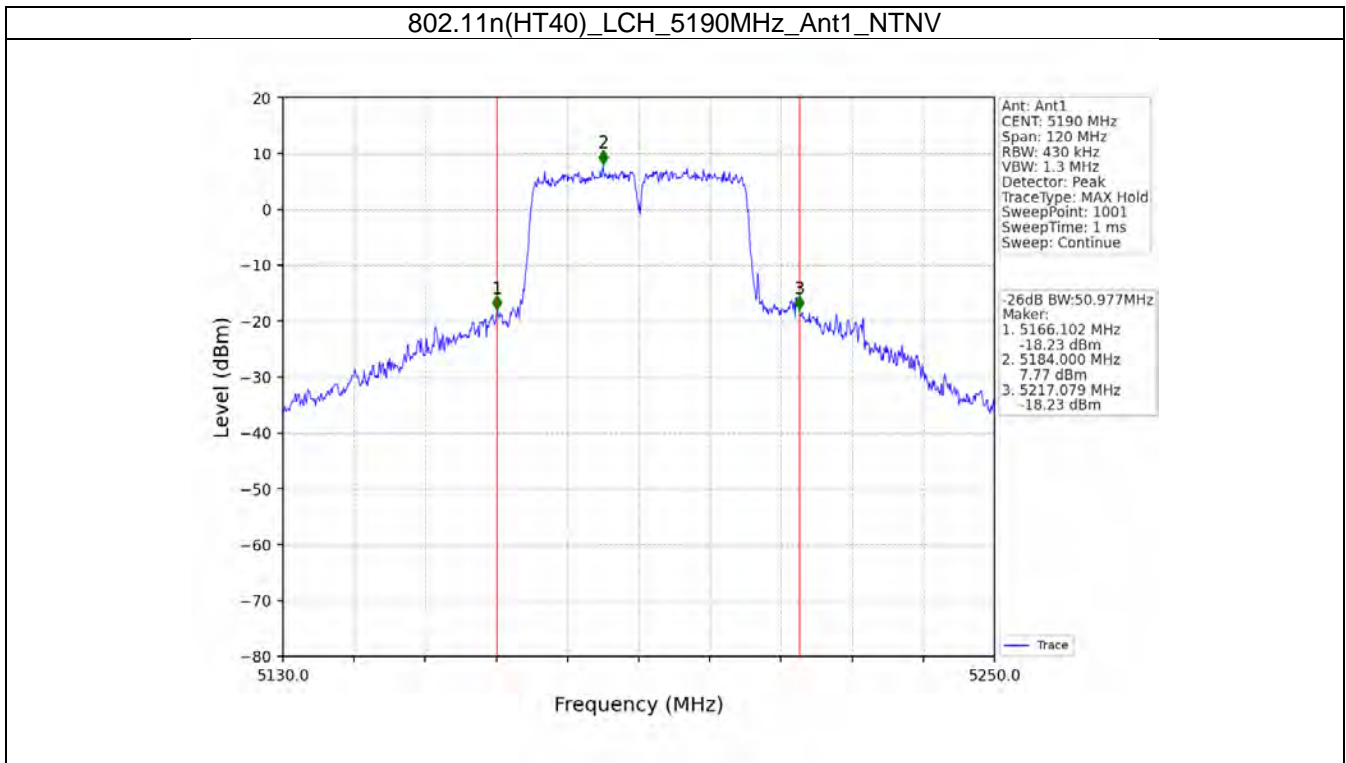
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	27.761	/	Pass
		5200	1	27.381	/	Pass
		5240	1	23.381	/	Pass
802.11n (HT20)	SISO	5180	1	27.570	/	Pass
		5200	1	27.492	/	Pass
		5240	1	27.532	/	Pass
802.11n (HT40)	SISO	5190	1	50.977	/	Pass
		5230	1	47.623	/	Pass
802.11ac (VHT20)	SISO	5180	1	31.074	/	Pass
		5200	1	26.237	/	Pass
		5240	1	25.974	/	Pass
802.11ac (VHT80)	SISO	5210	1	93.429	/	Pass
802.11ac (VHT40)	SISO	5190	1	60.224	/	Pass
		5230	1	51.306	/	Pass

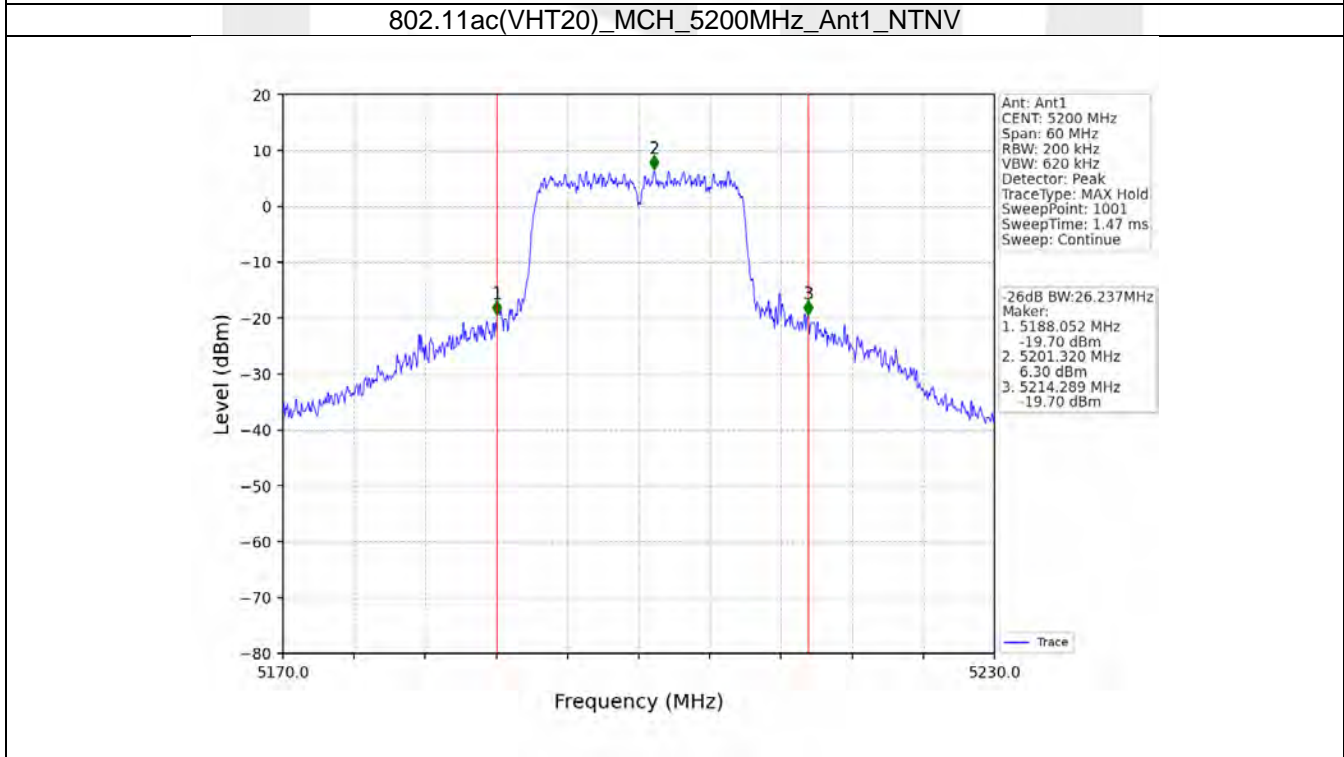
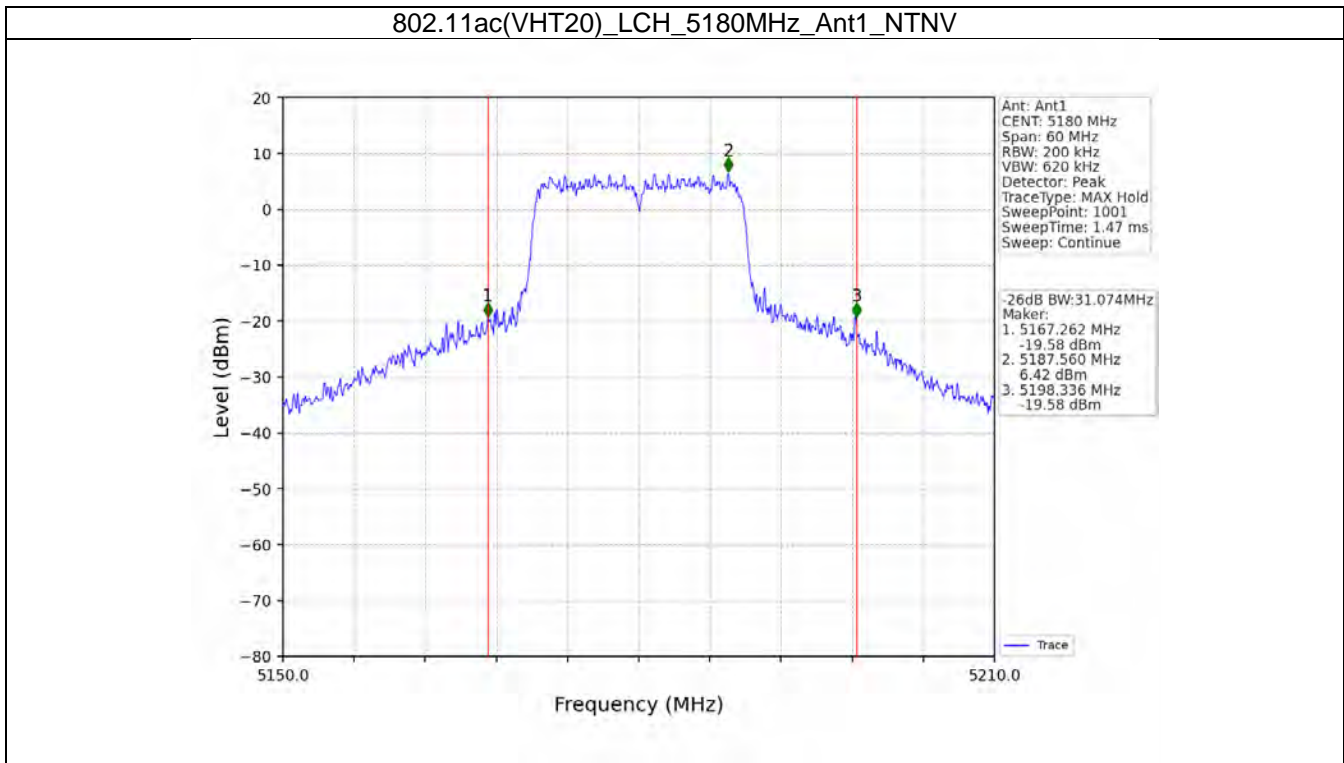
2.3.2 Test Graph

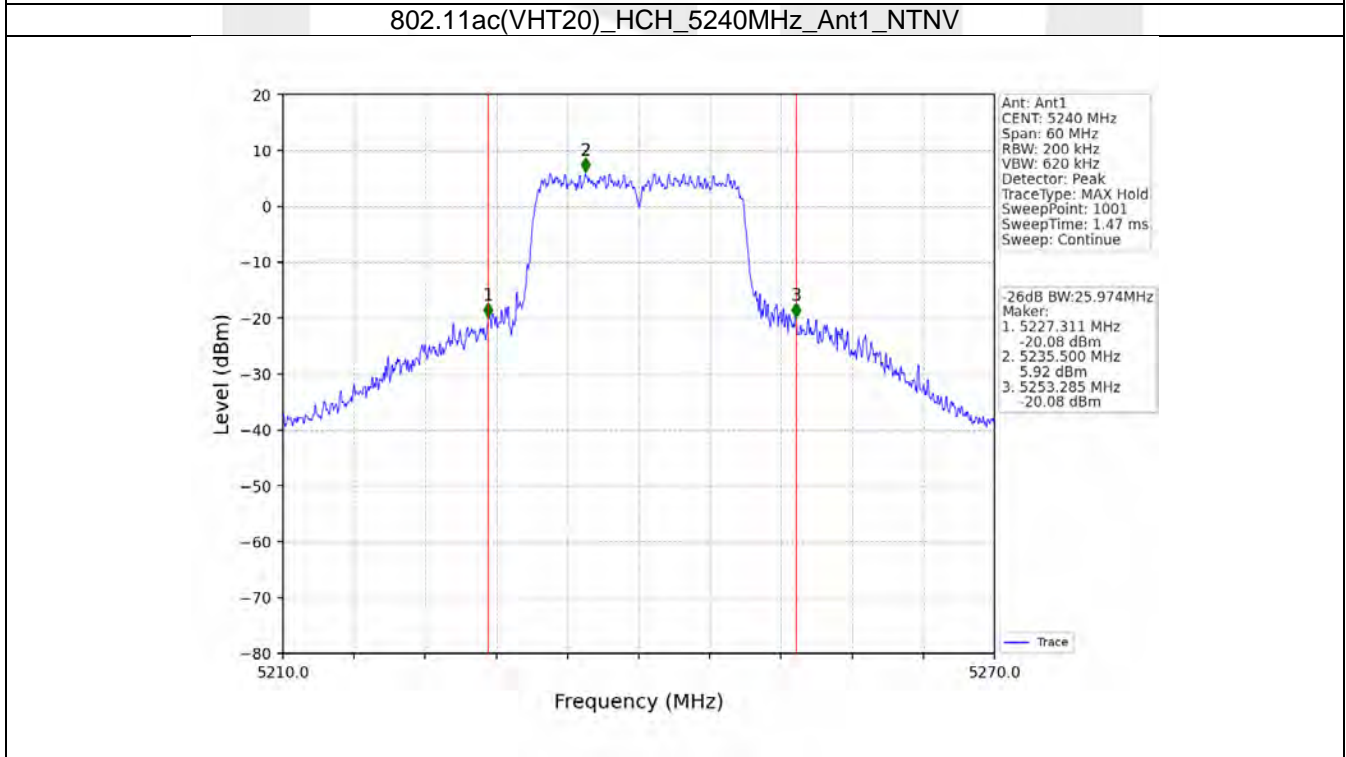
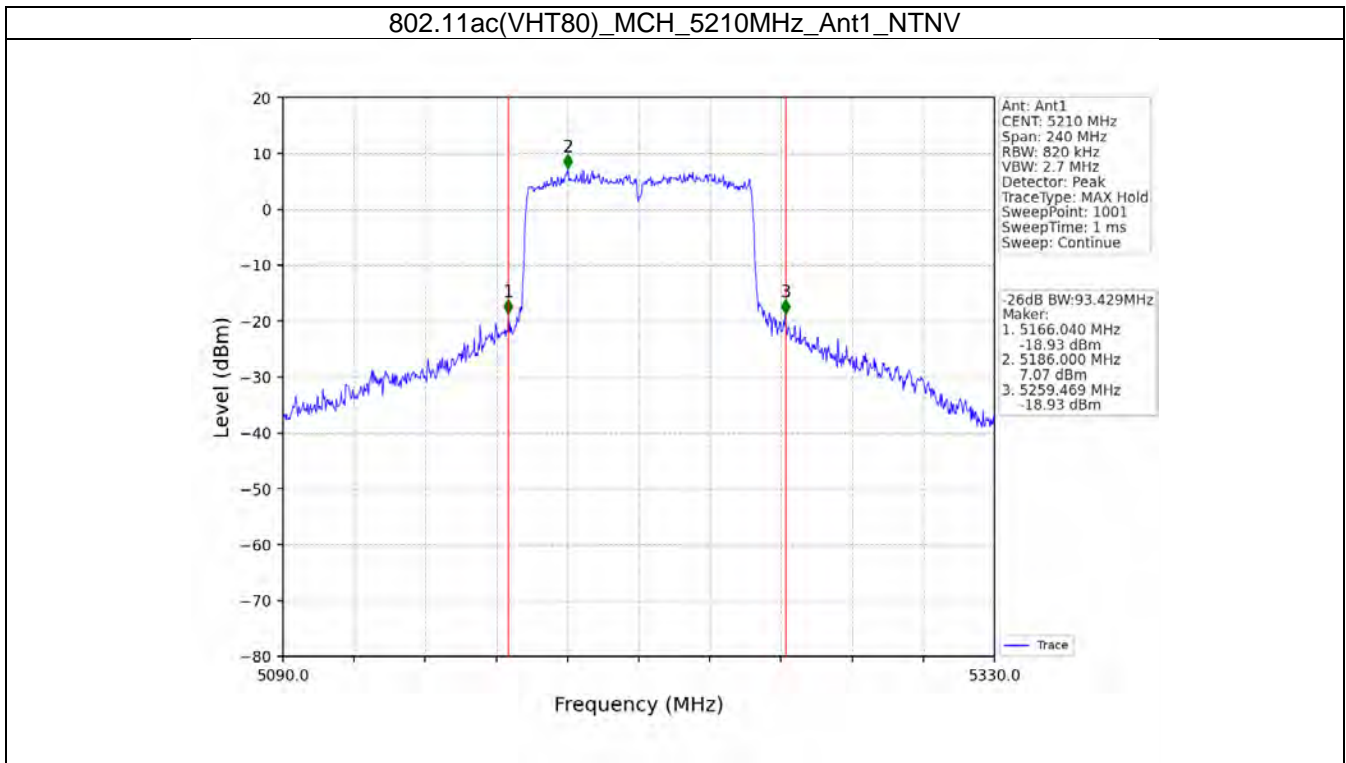


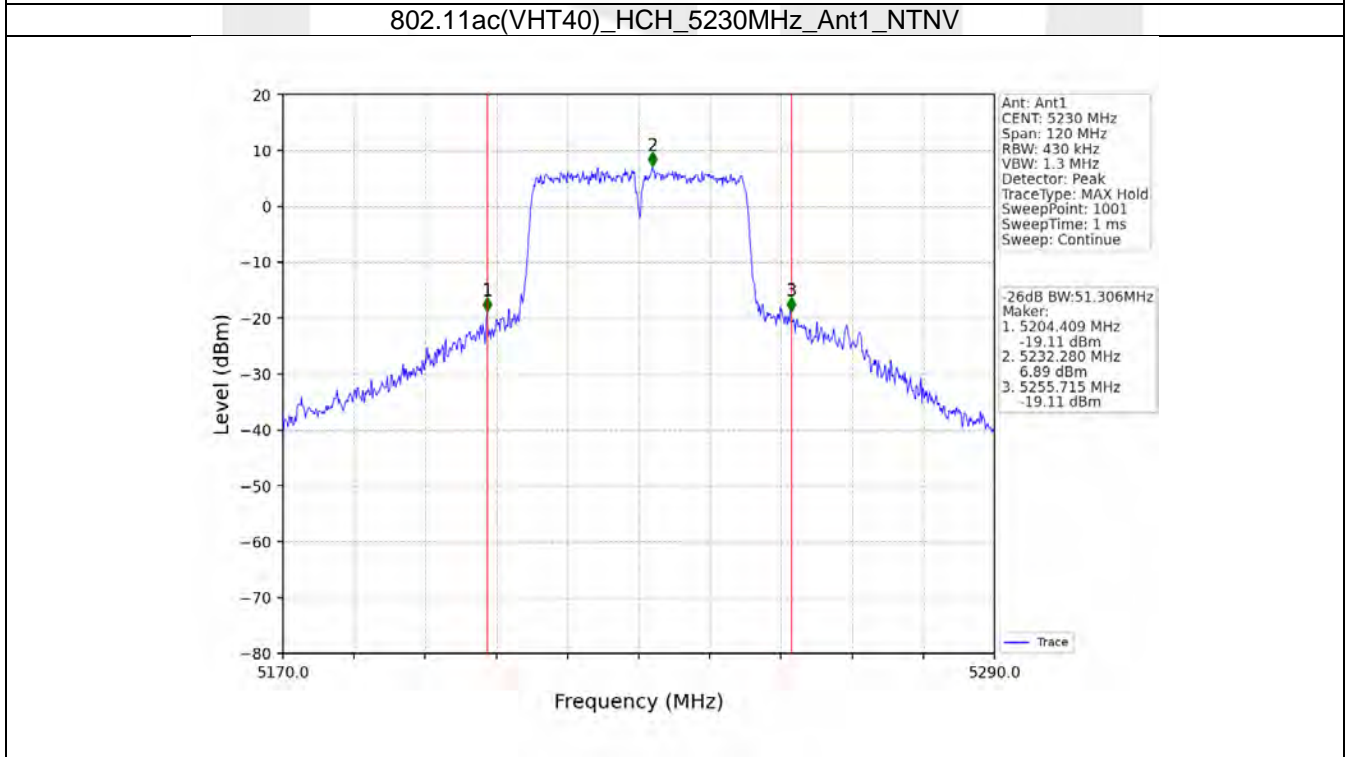
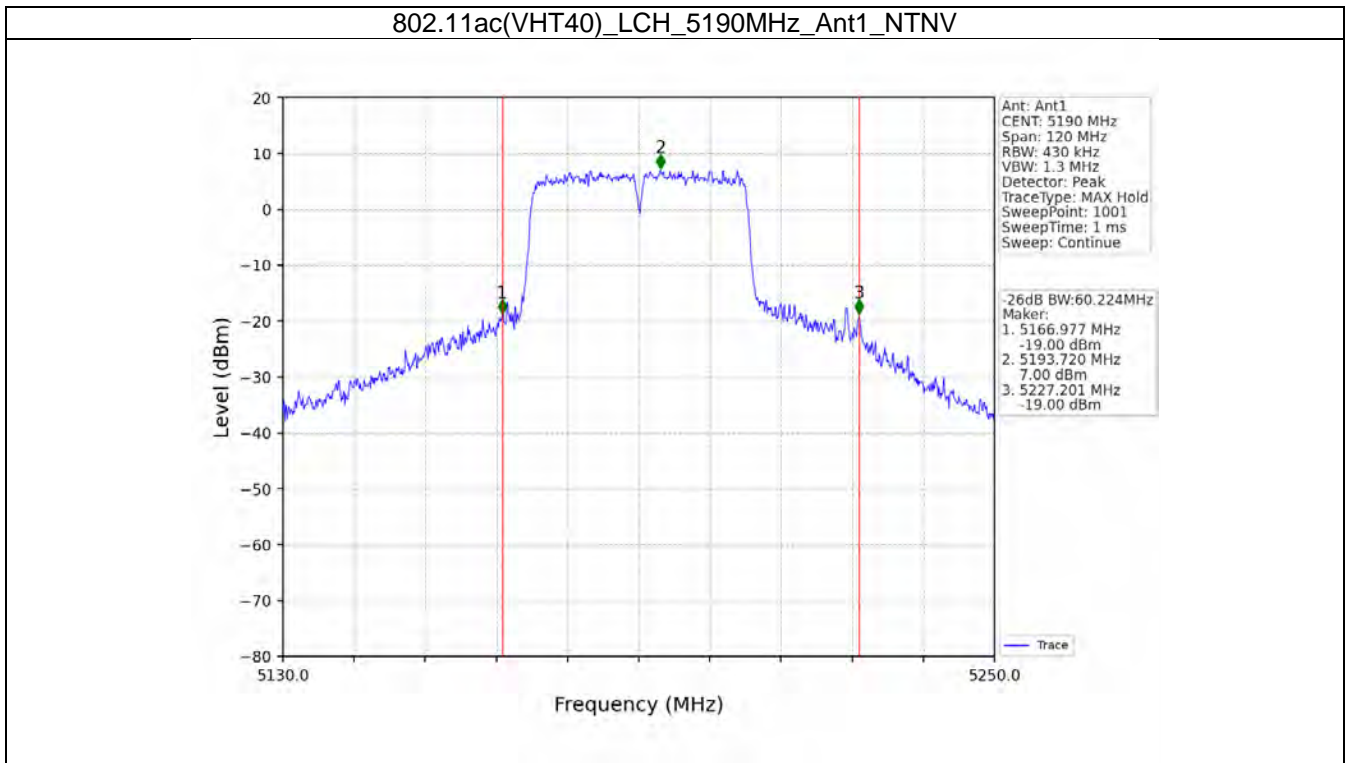












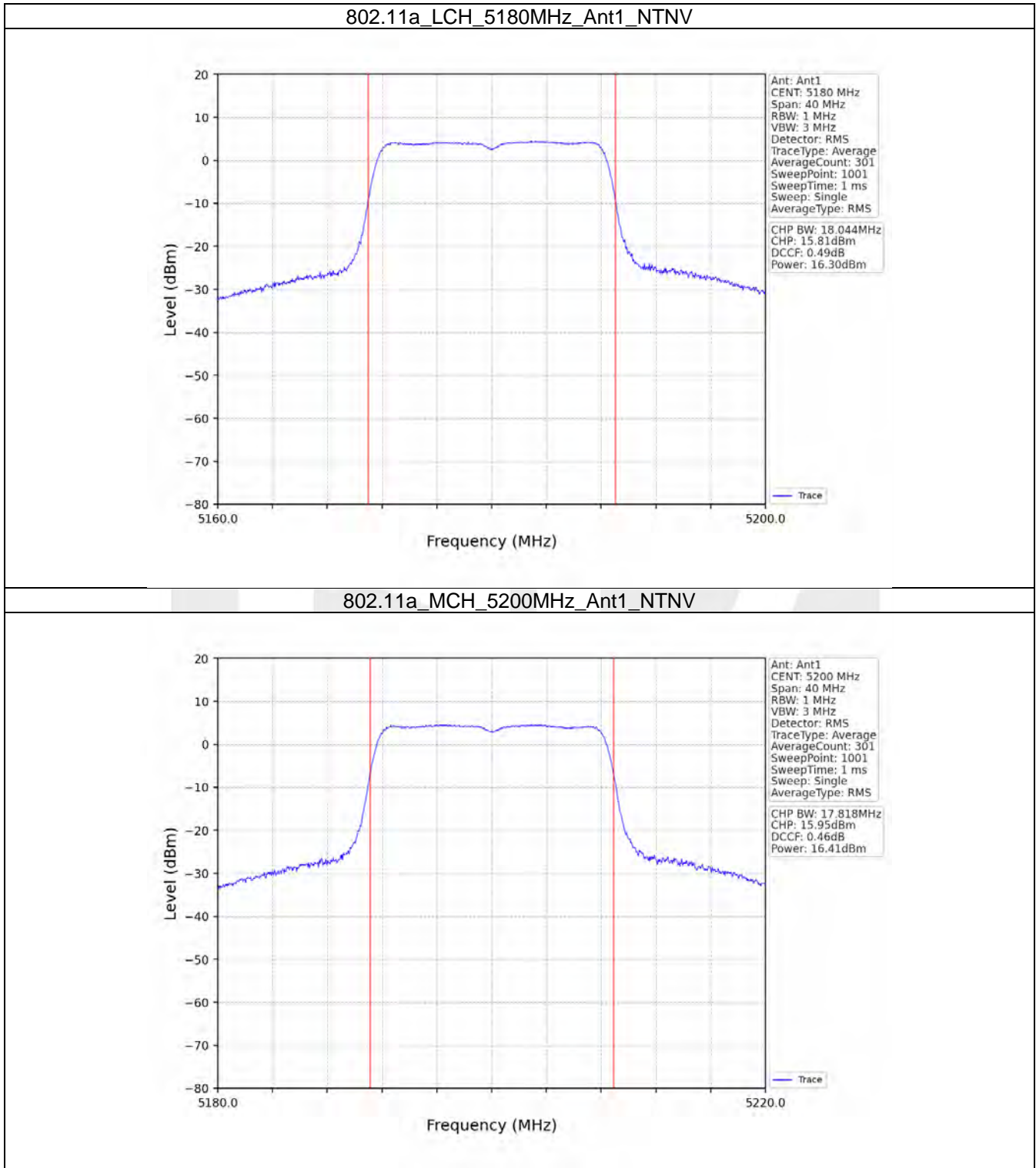
3. Maximum Conducted Output Power

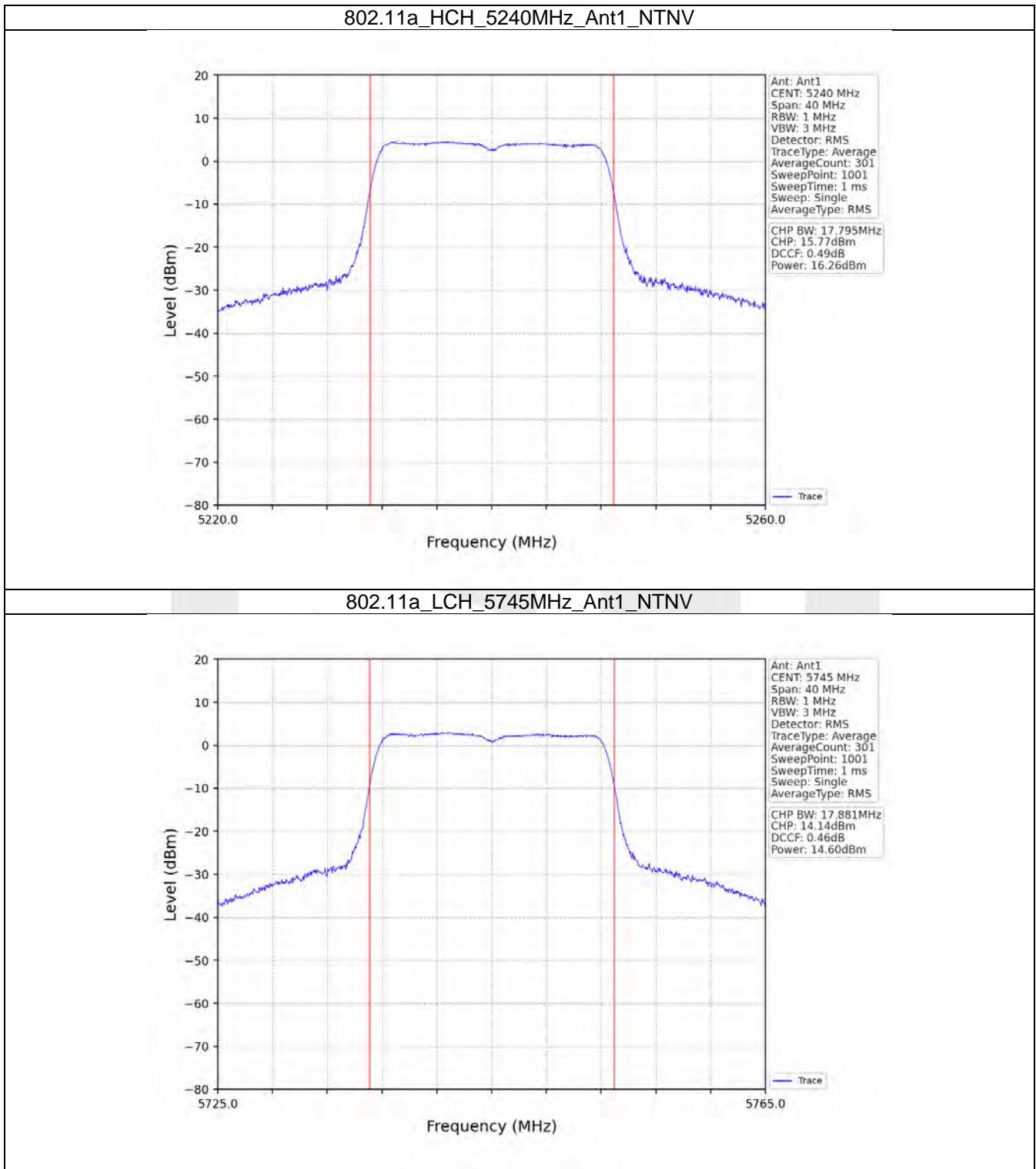
3.1 Power

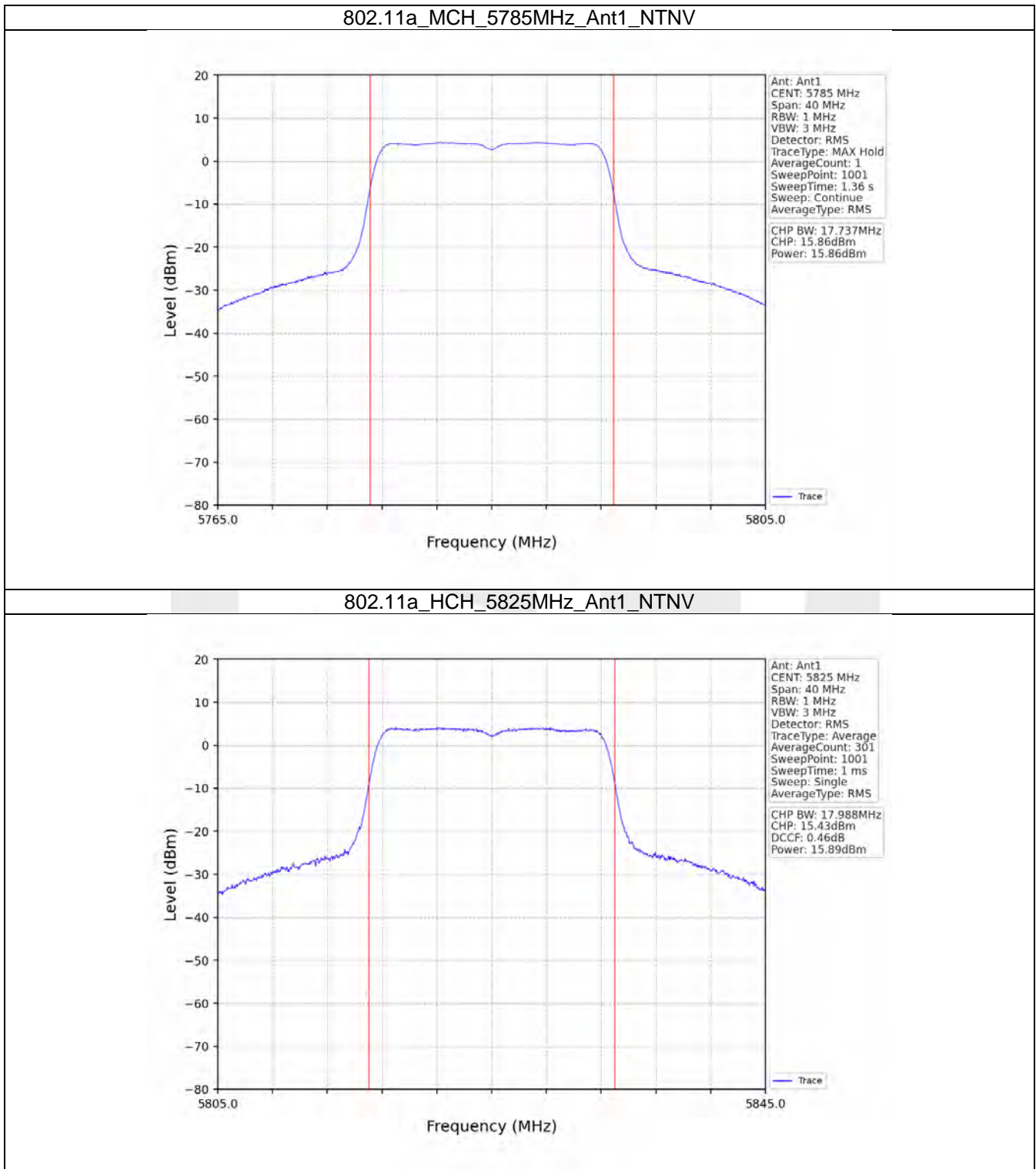
3.1.1 Test Result

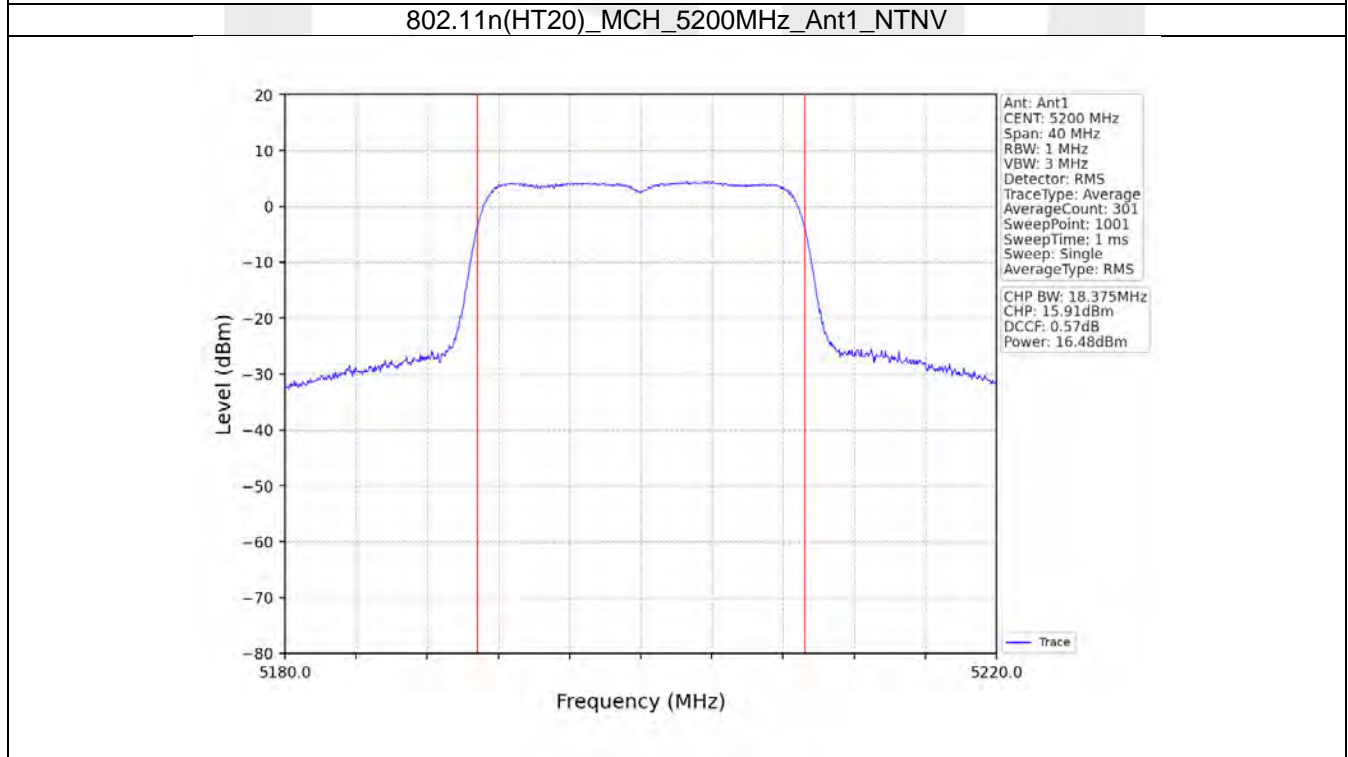
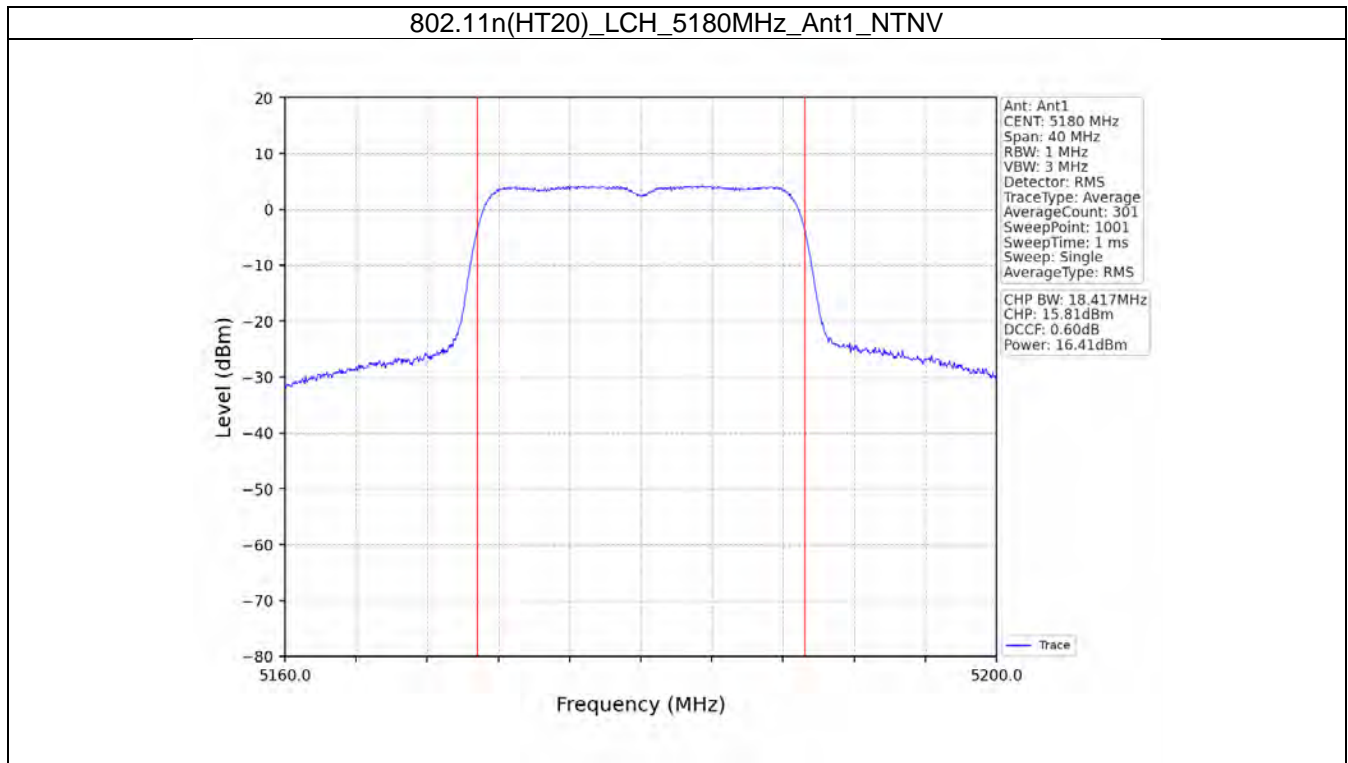
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	16.30	<=23.98	Pass
		5200	16.41	<=23.98	Pass
		5240	16.26	<=23.98	Pass
		5745	14.60	<=30	Pass
		5785	15.86	<=30	Pass
		5825	15.89	<=30	Pass
802.11n (HT20)	SISO	5180	16.41	<=23.98	Pass
		5200	16.48	<=23.98	Pass
		5240	16.33	<=23.98	Pass
		5745	15.35	<=30	Pass
		5785	15.76	<=30	Pass
		5825	15.78	<=30	Pass
802.11n (HT40)	SISO	5190	17.08	<=23.98	Pass
		5230	16.91	<=23.98	Pass
		5755	15.80	<=30	Pass
		5795	16.13	<=30	Pass
802.11ac (VHT20)	SISO	5745	16.62	<=30	Pass
		5785	16.88	<=30	Pass
		5825	16.74	<=30	Pass
802.11ac (VHT40)	SISO	5755	17.02	<=30	Pass
		5795	16.72	<=30	Pass
802.11ac (VHT20)	SISO	5180	16.55	<=23.98	Pass
		5200	16.24	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	16.78	<=23.98	Pass
802.11ac (VHT20)	SISO	5240	16.10	<=23.98	Pass
802.11ac (VHT80)	SISO	5775	16.26	<=30	Pass
802.11ac (VHT40)	SISO	5190	16.48	<=23.98	Pass
		5230	16.55	<=23.98	Pass

3.1.2 Test Graph

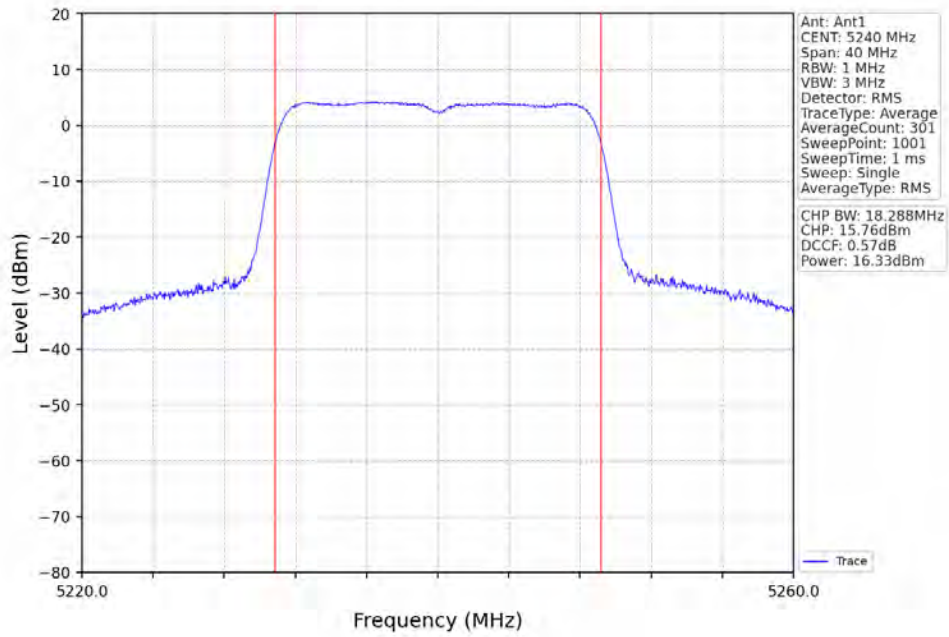




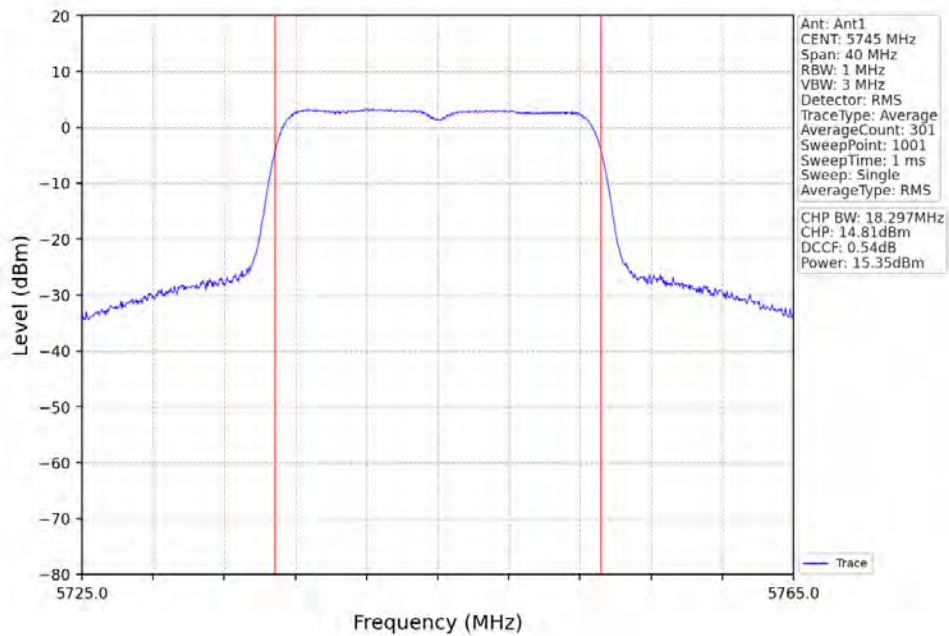




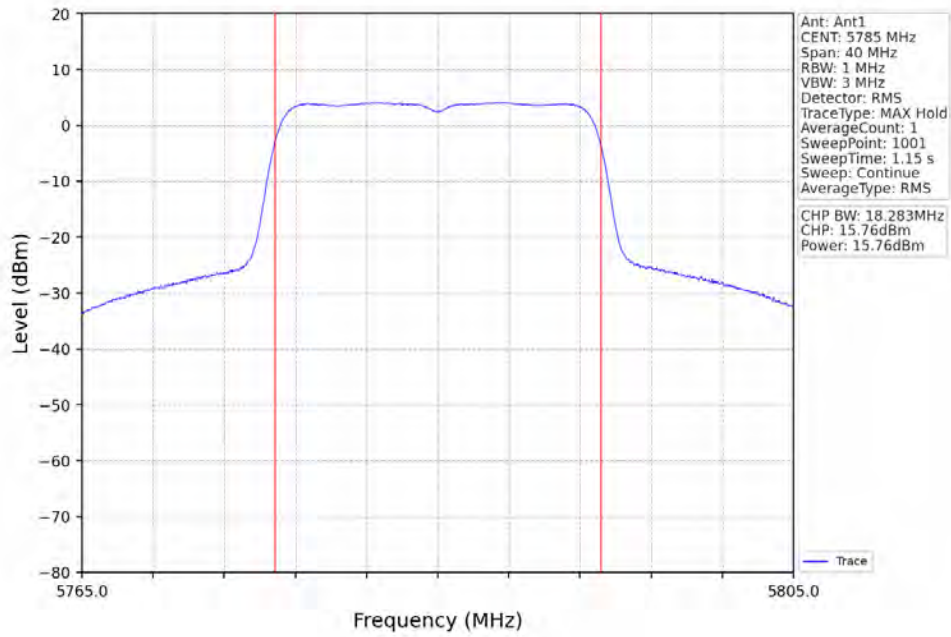
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



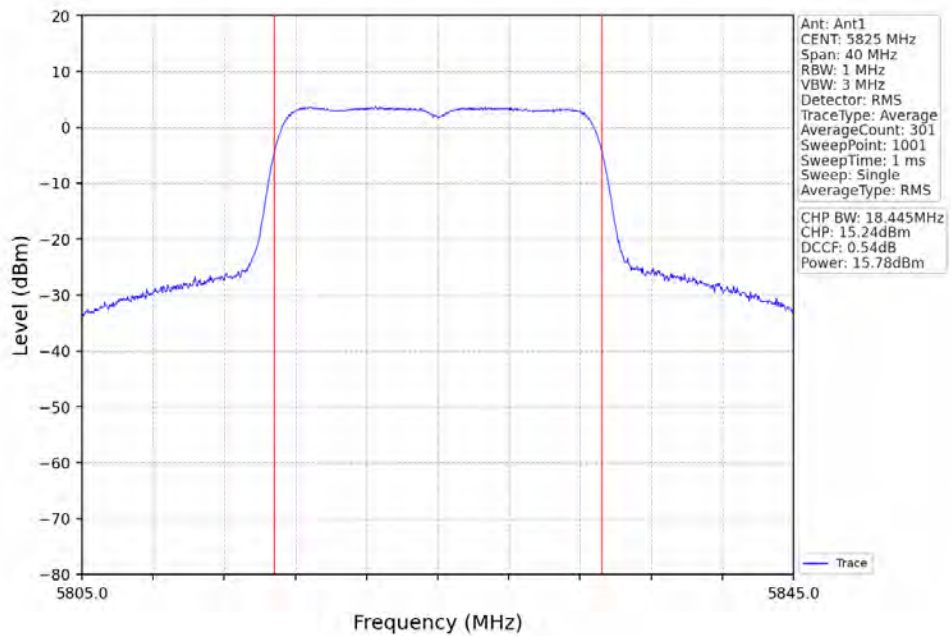
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

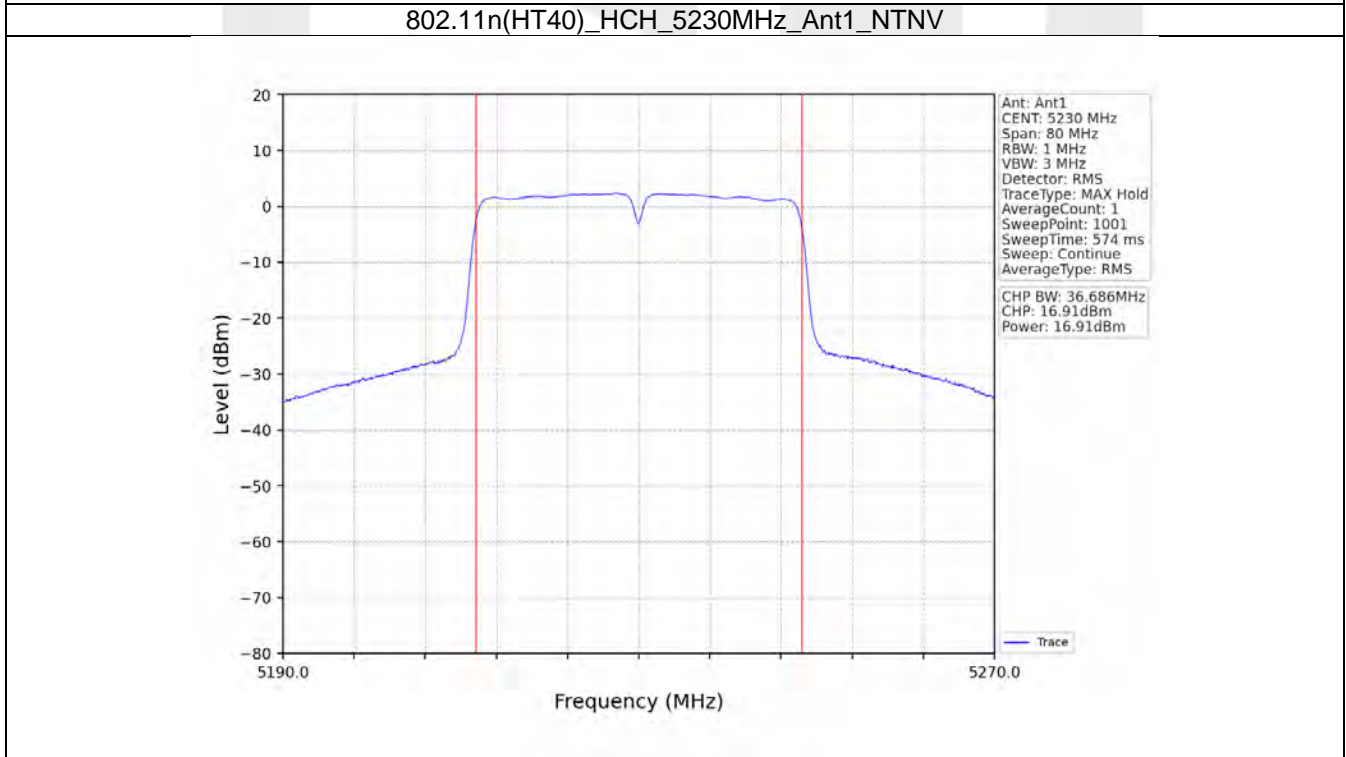
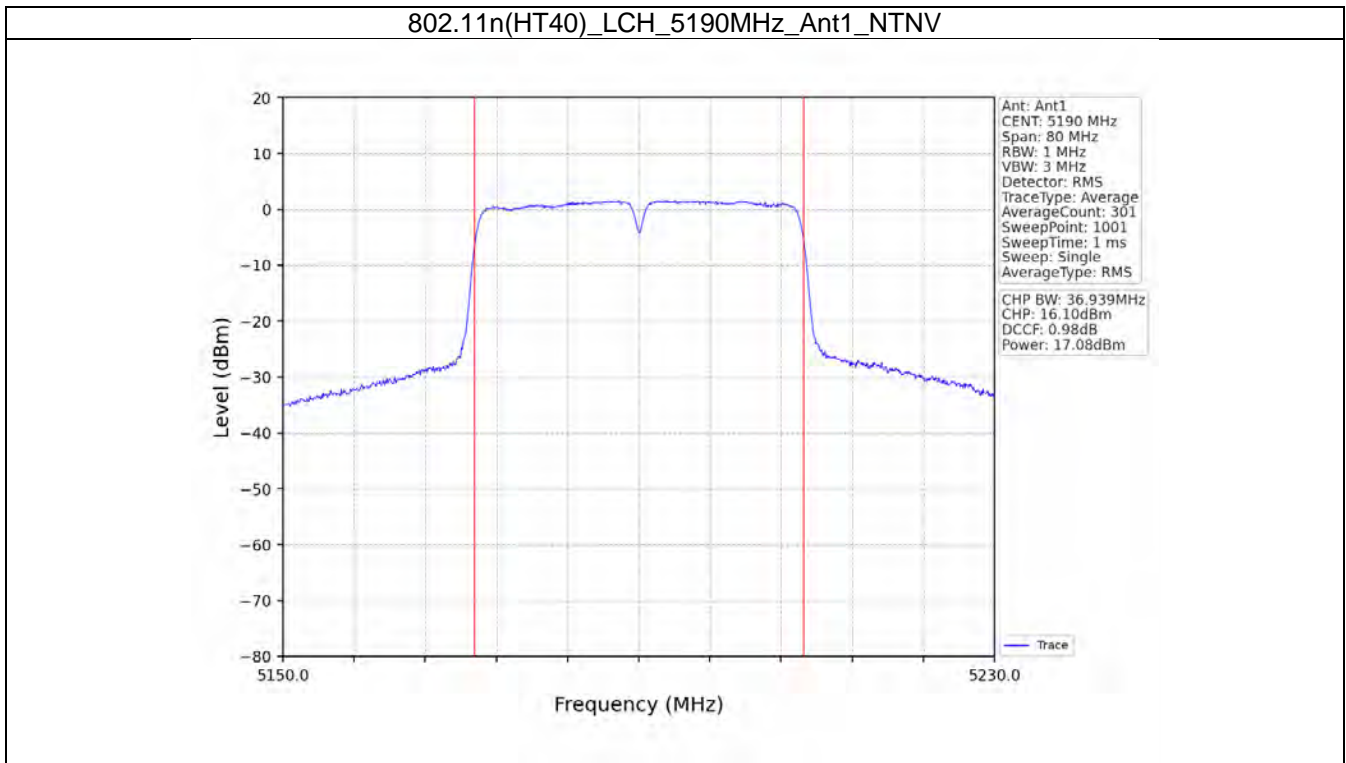


802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

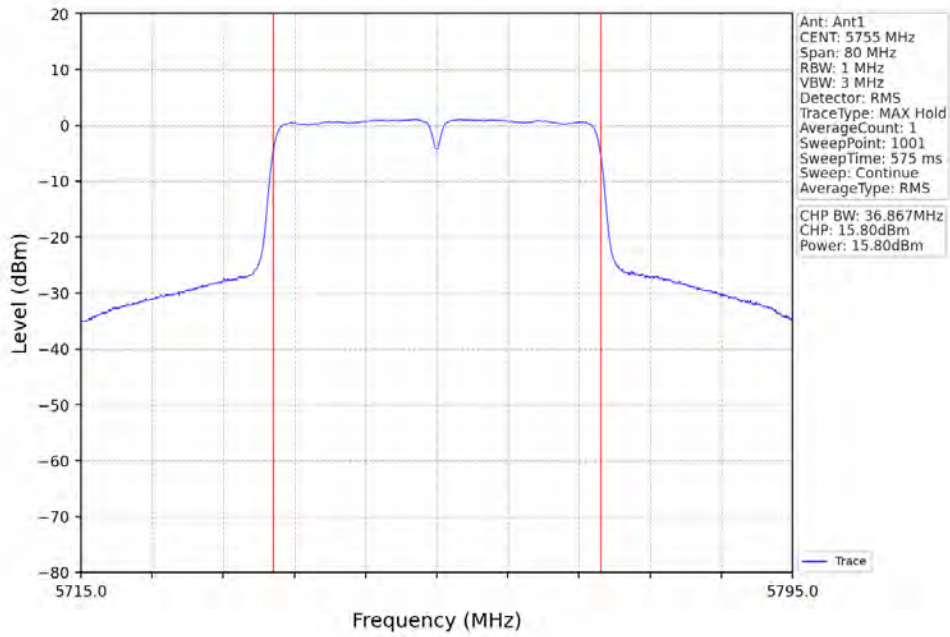


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

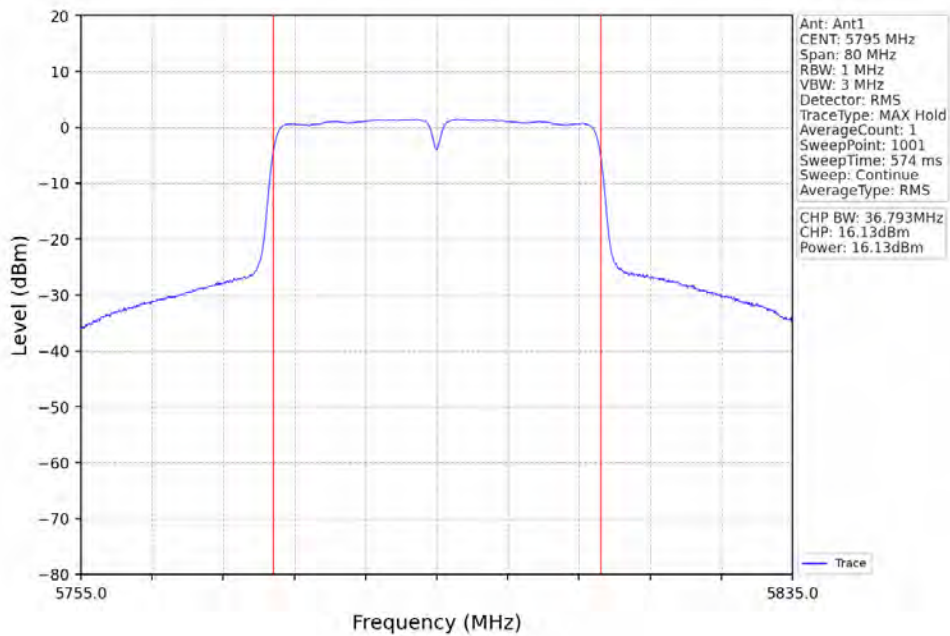




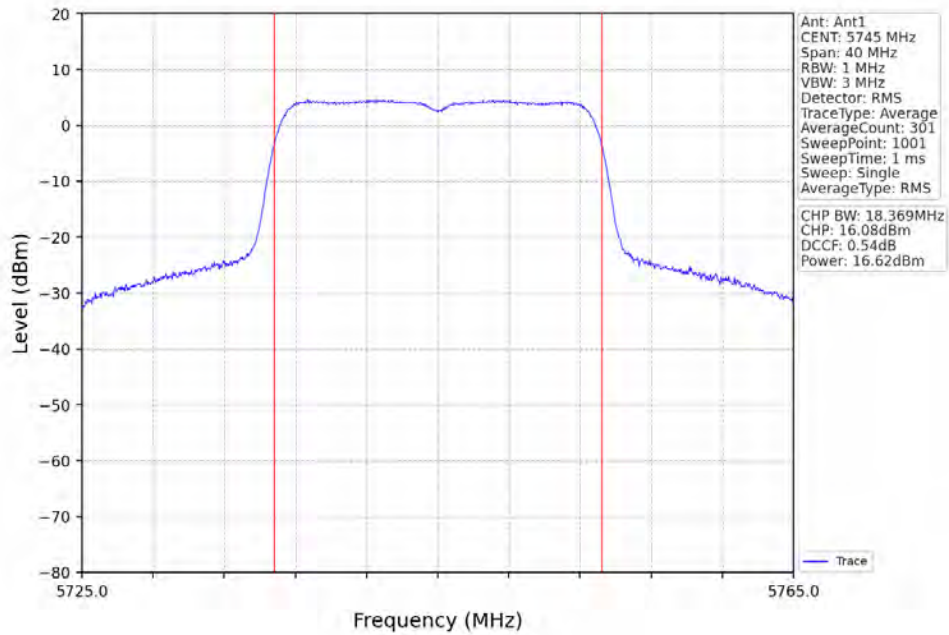
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



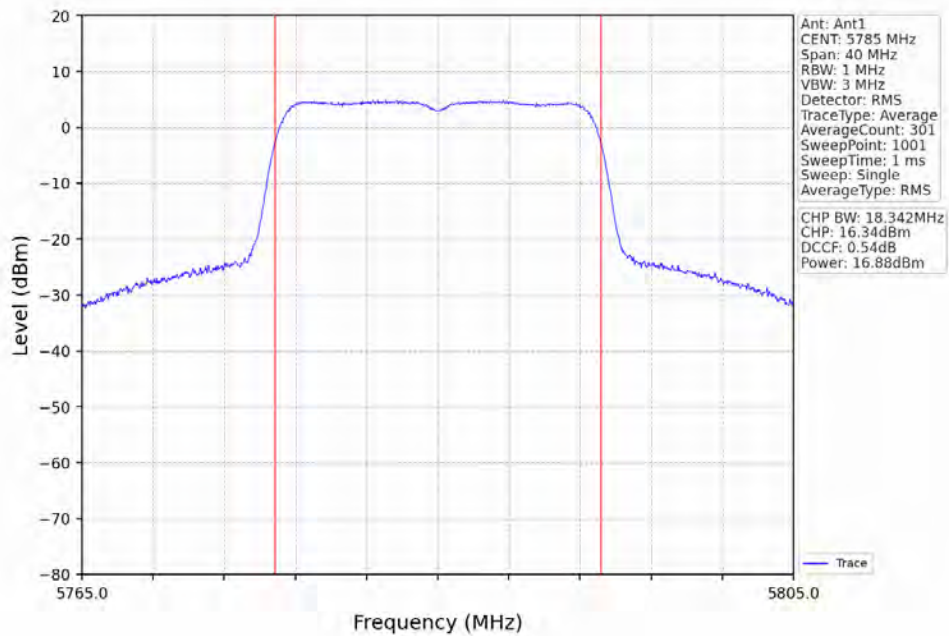
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



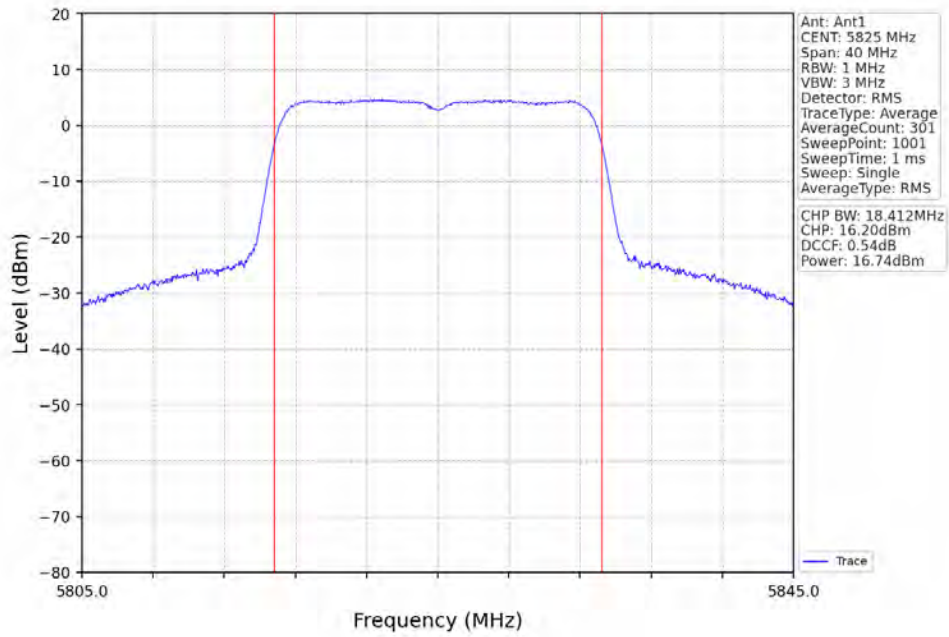
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



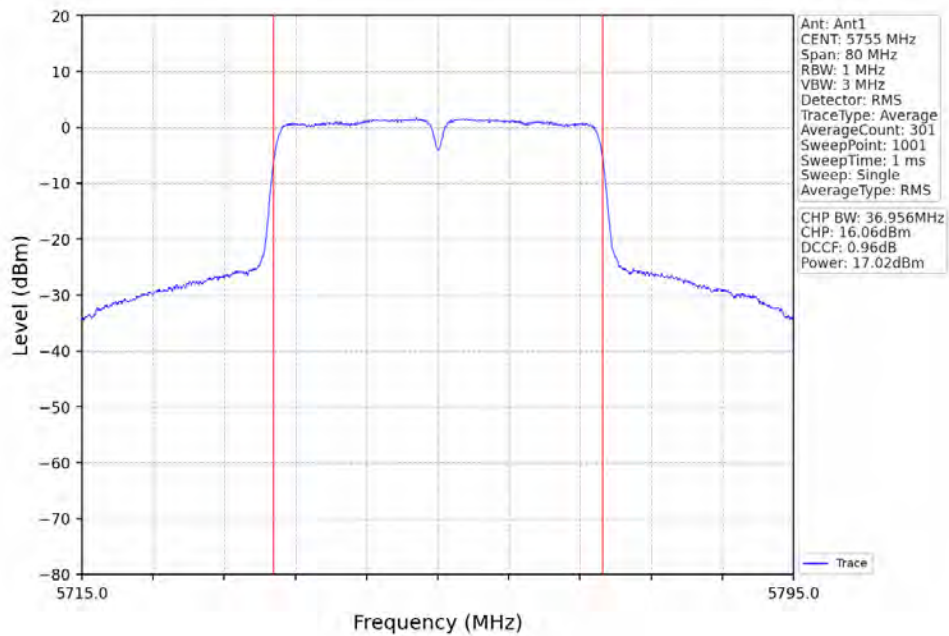
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



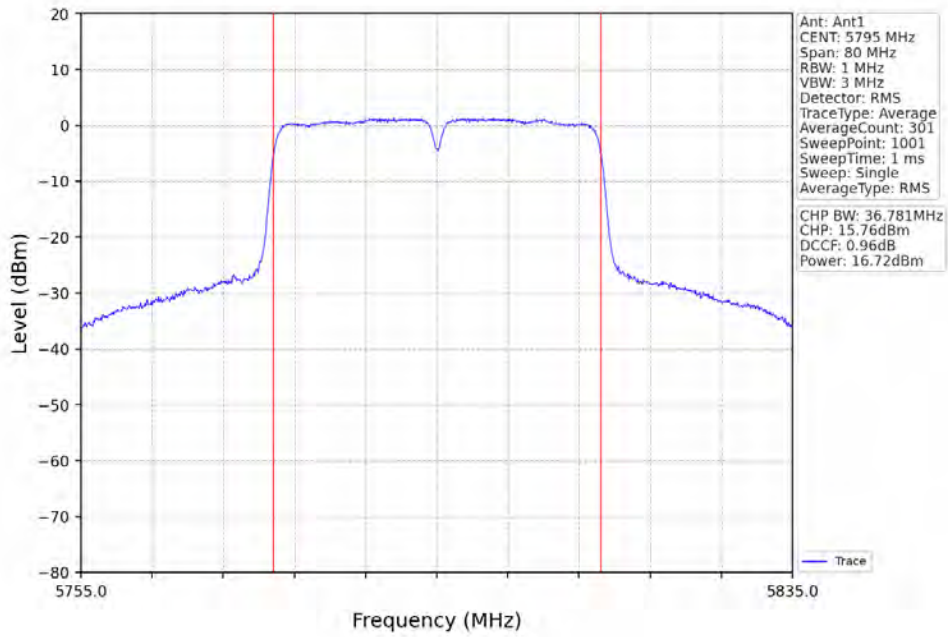
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



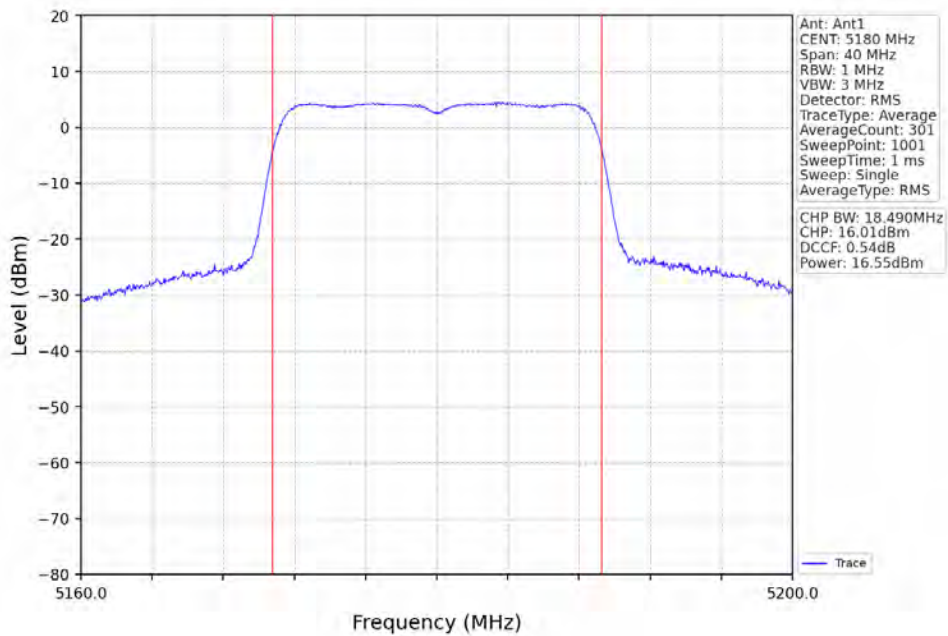
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



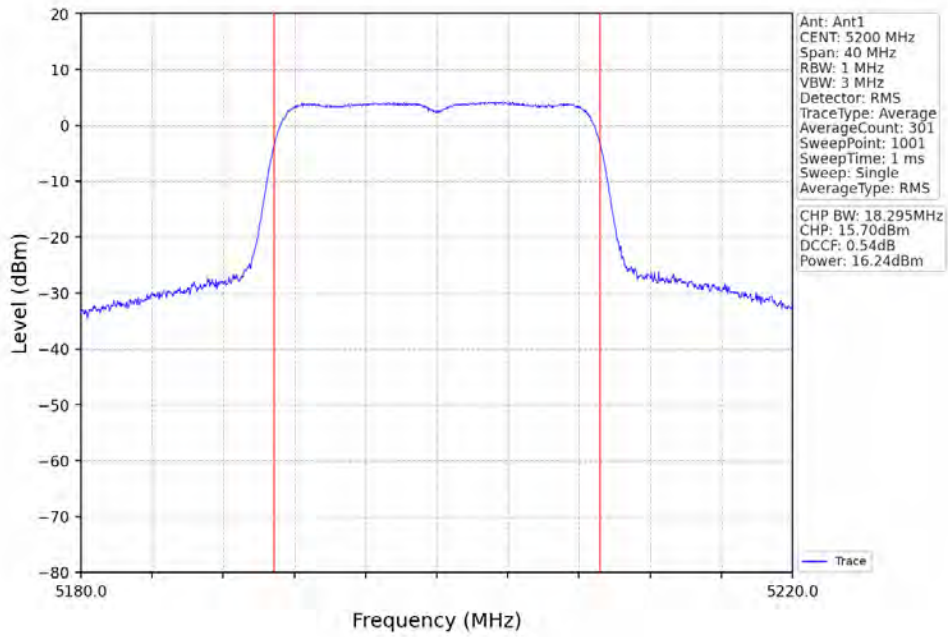
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



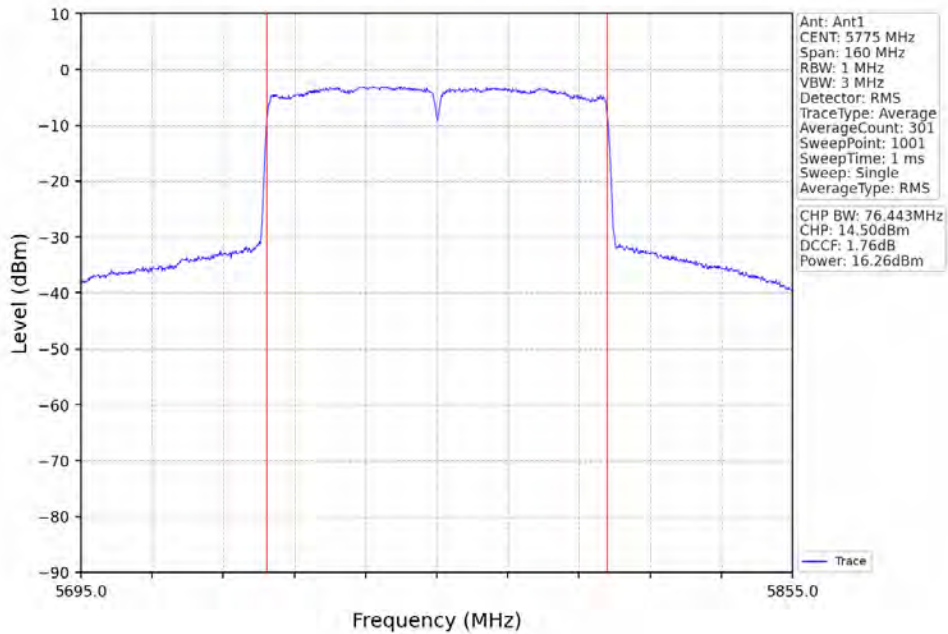
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



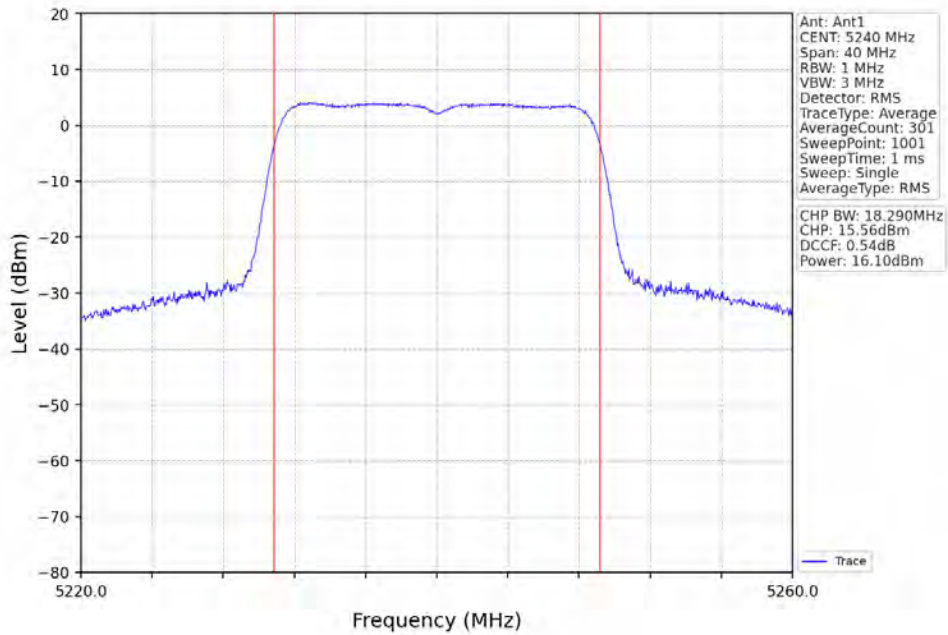
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



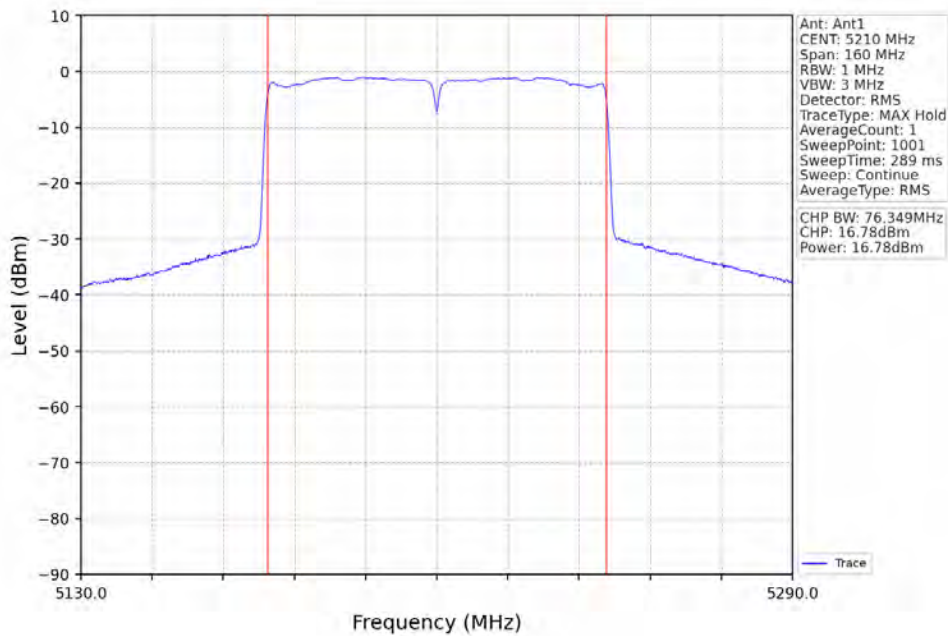
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

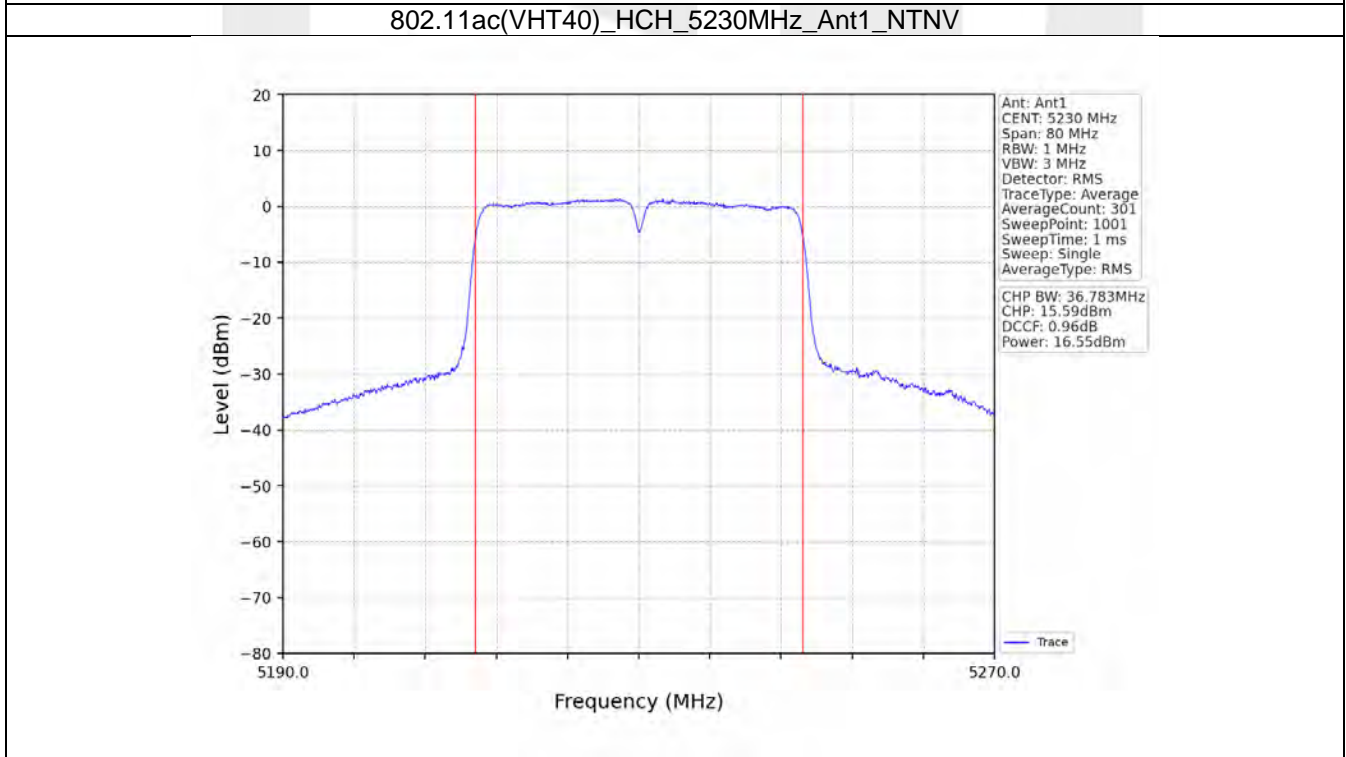
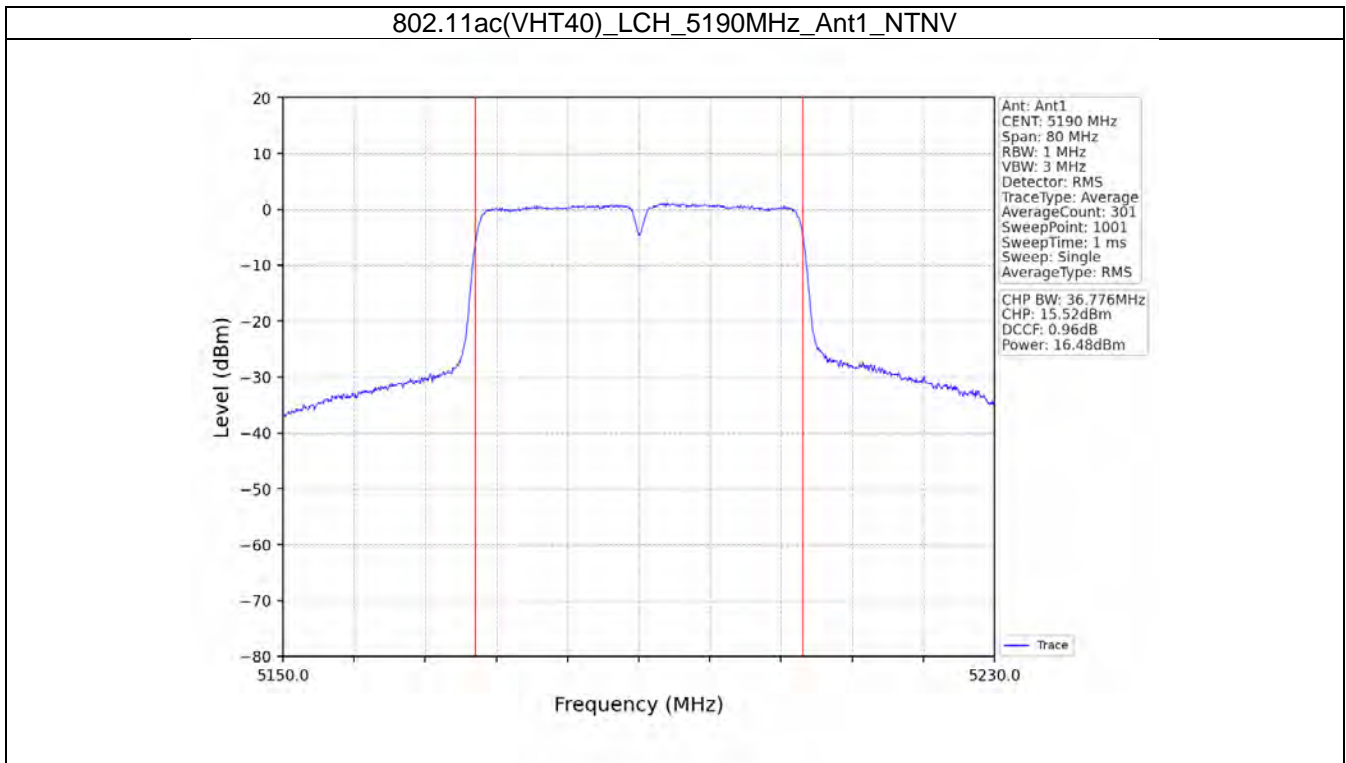


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV





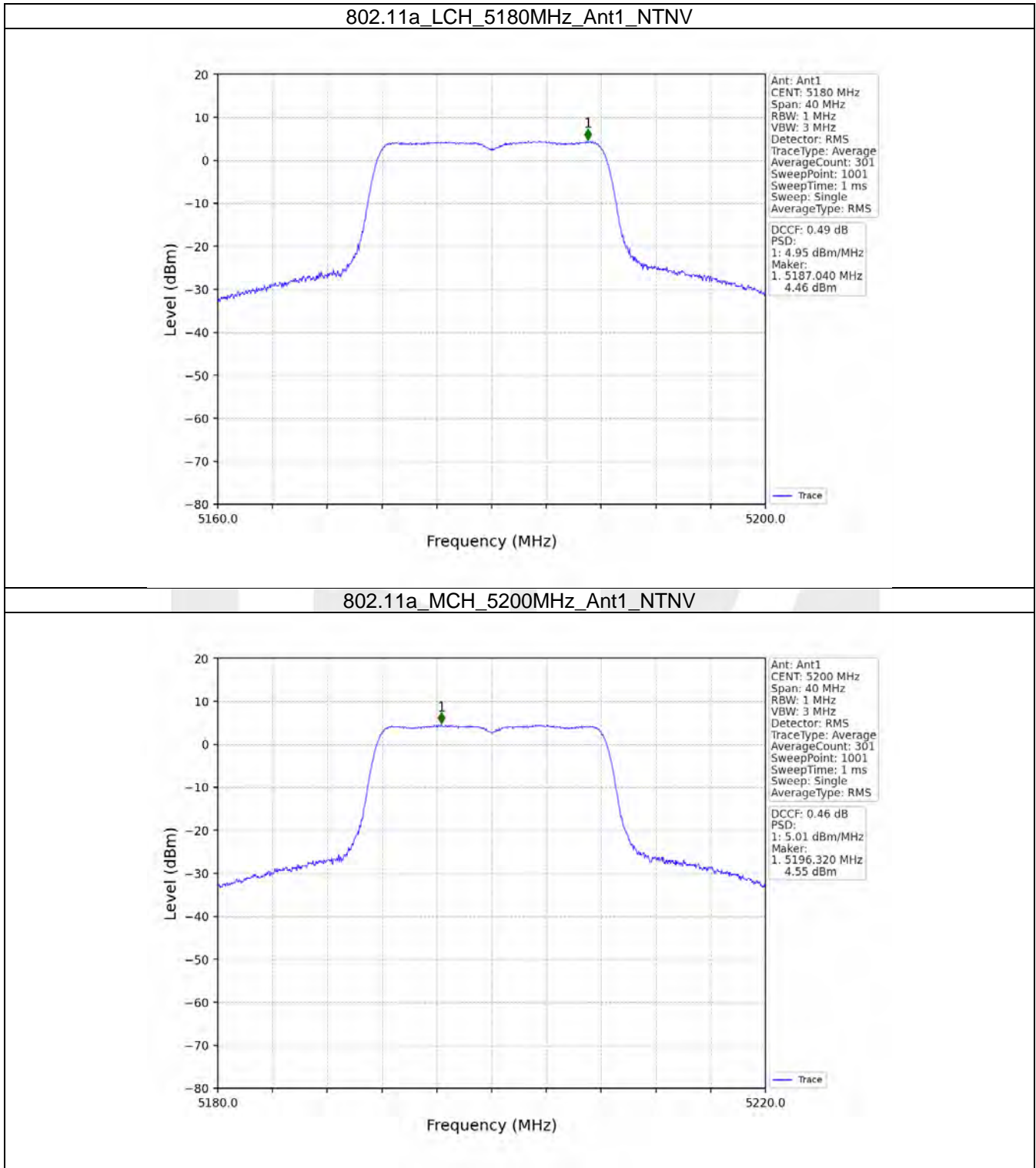
4. Maximum Power Spectral Density

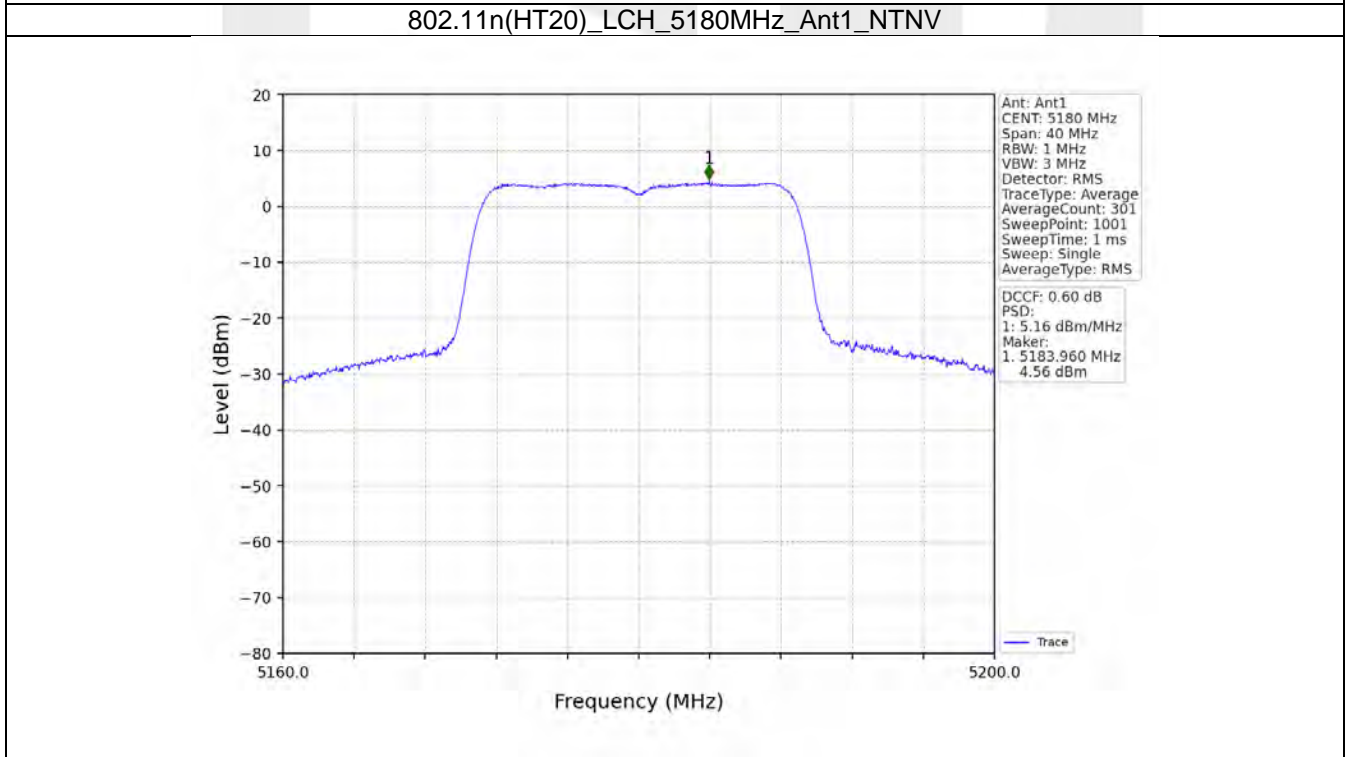
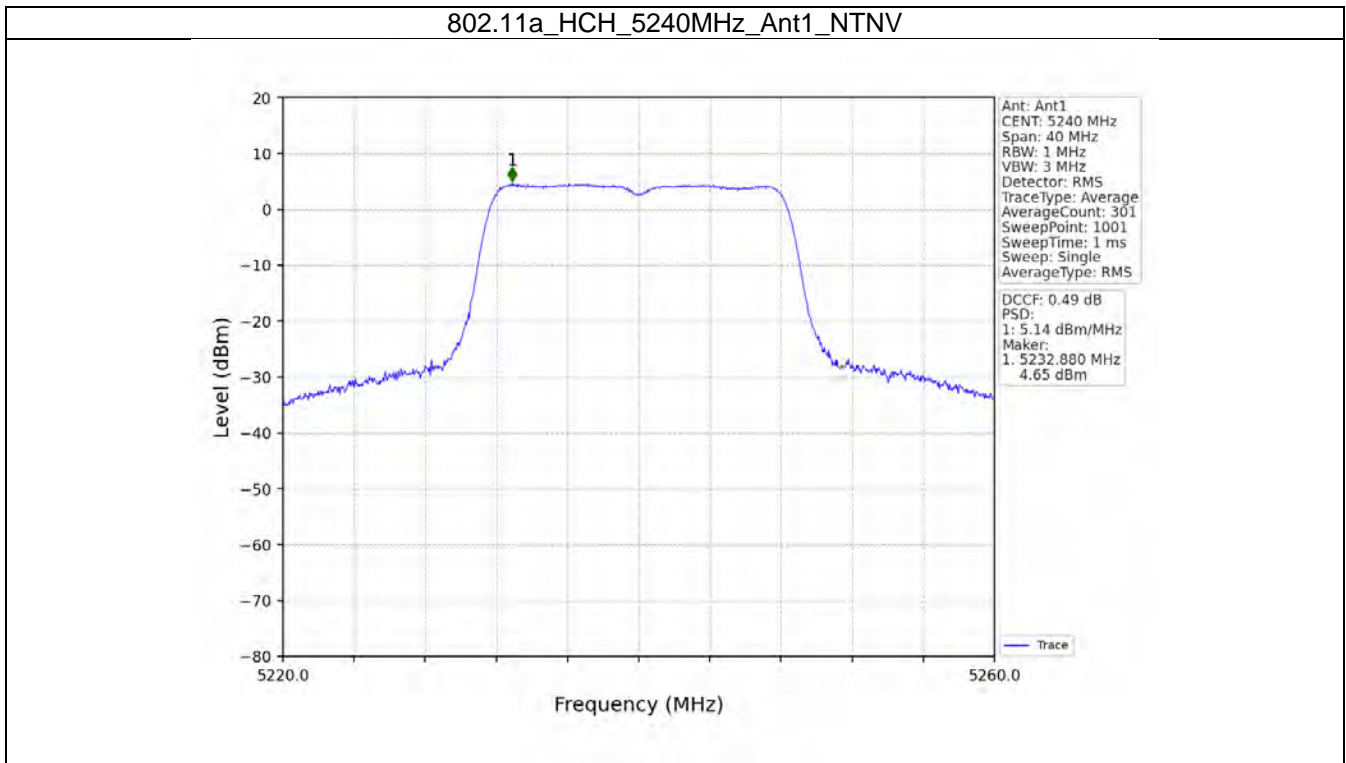
4.1 PSD

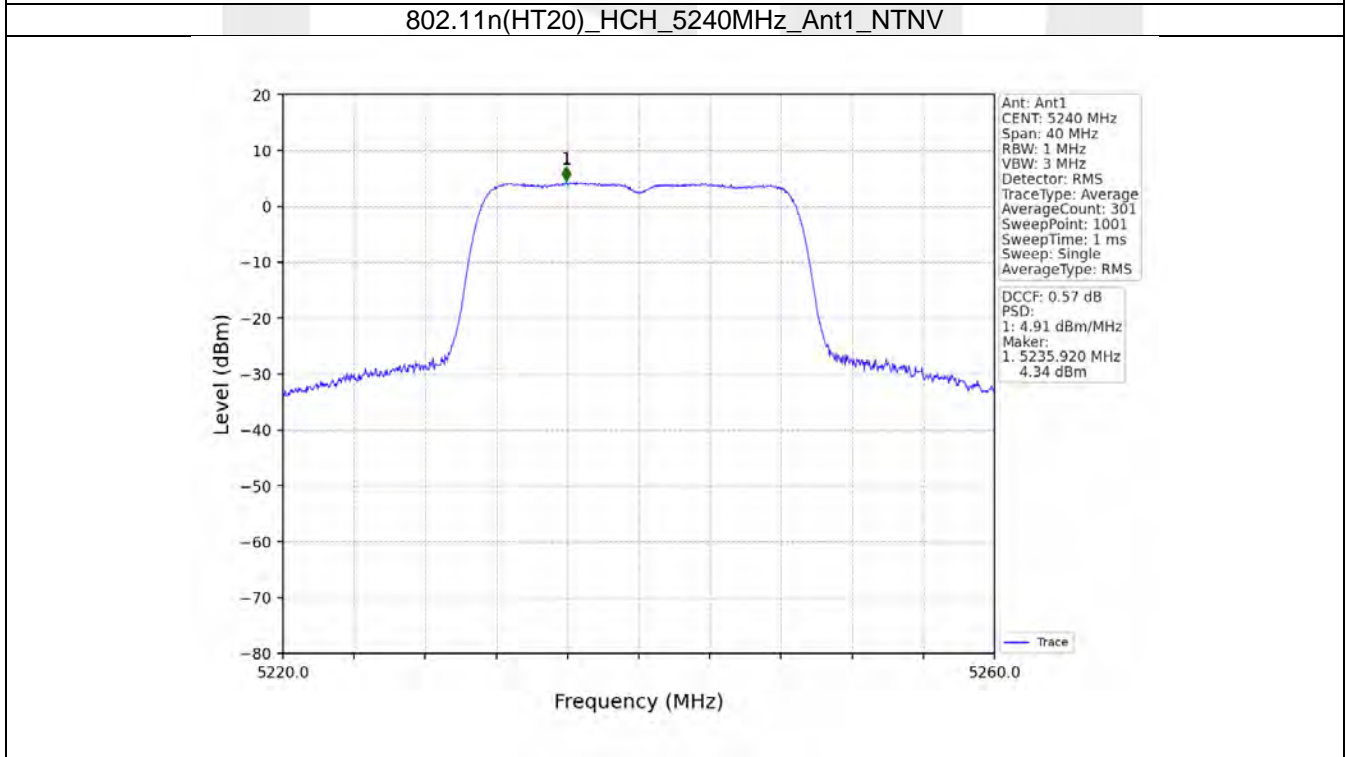
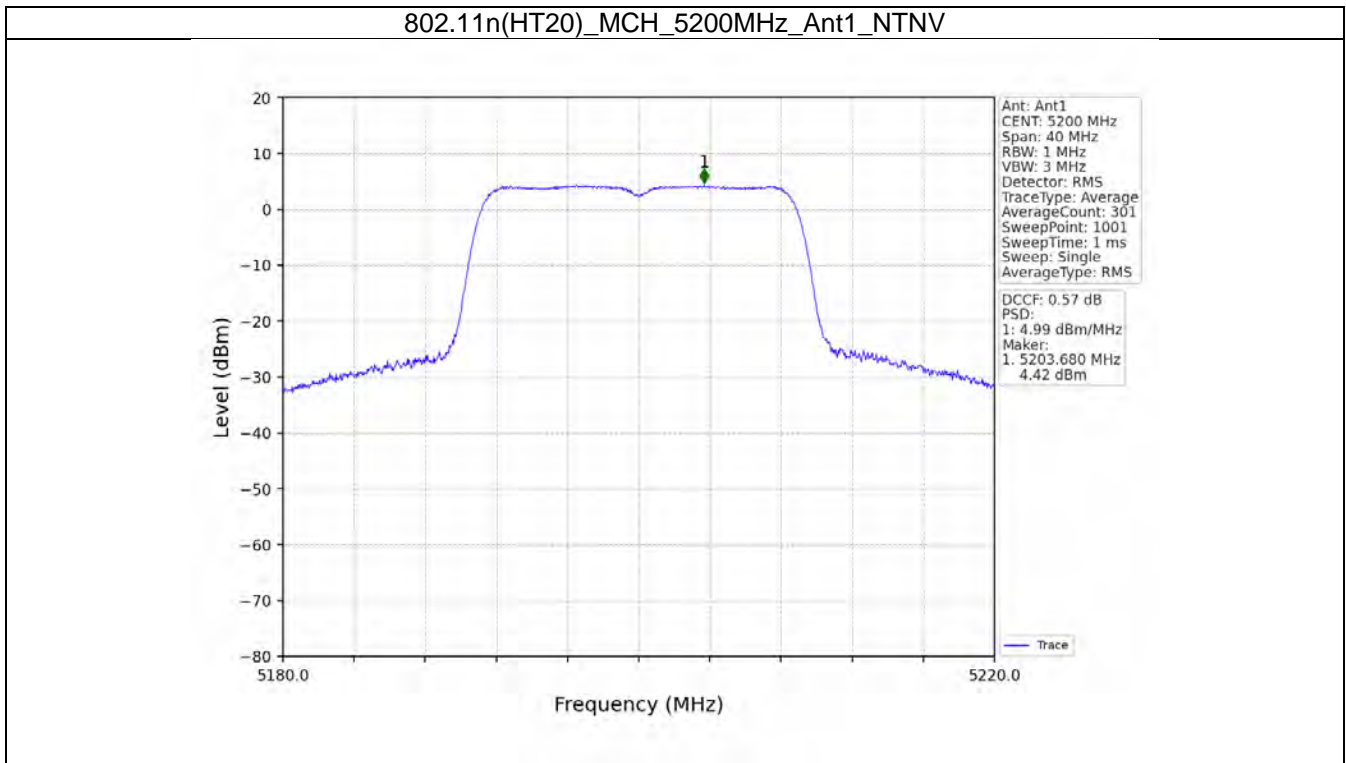
4.1.1 Test Result

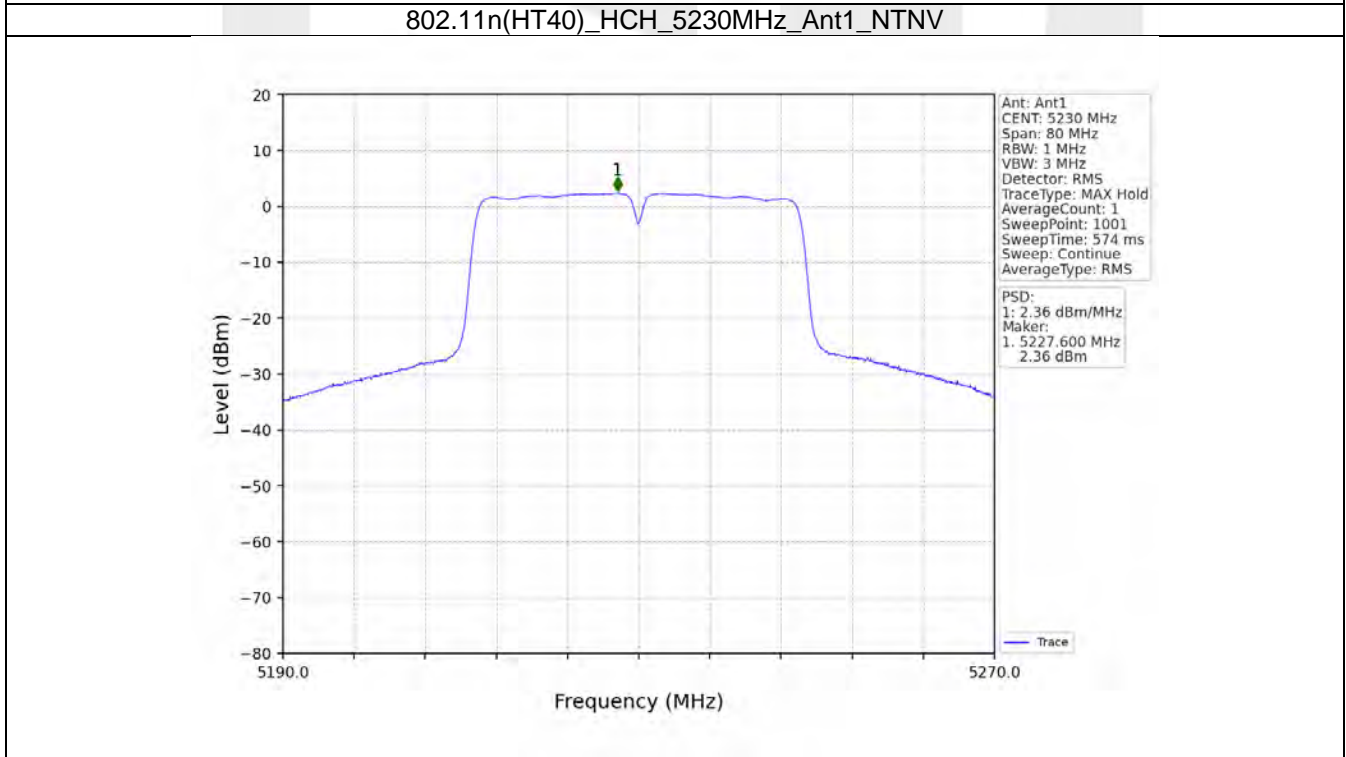
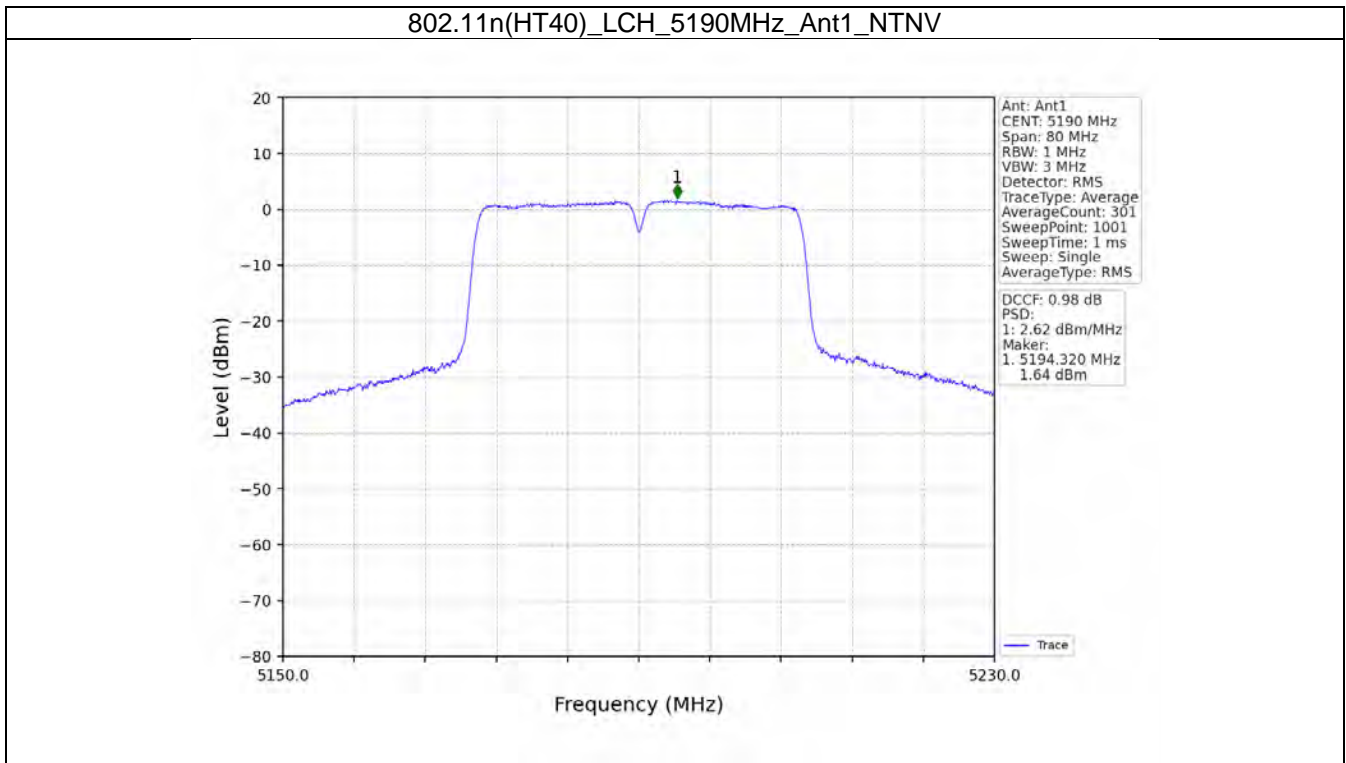
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	4.95	<=11	Pass
		5200	5.01	<=11	Pass
		5240	5.14	<=11	Pass
802.11n (HT20)	SISO	5180	5.16	<=11	Pass
		5200	4.99	<=11	Pass
		5240	4.91	<=11	Pass
802.11n (HT40)	SISO	5190	2.62	<=11	Pass
		5230	2.36	<=11	Pass
802.11ac (VHT20)	SISO	5180	5.19	<=11	Pass
		5200	4.82	<=11	Pass
802.11ac (VHT80)	SISO	5210	-0.97	<=11	Pass
802.11ac (VHT20)	SISO	5240	4.58	<=11	Pass
802.11ac (VHT40)	SISO	5190	2.11	<=11	Pass
		5230	2.33	<=11	Pass

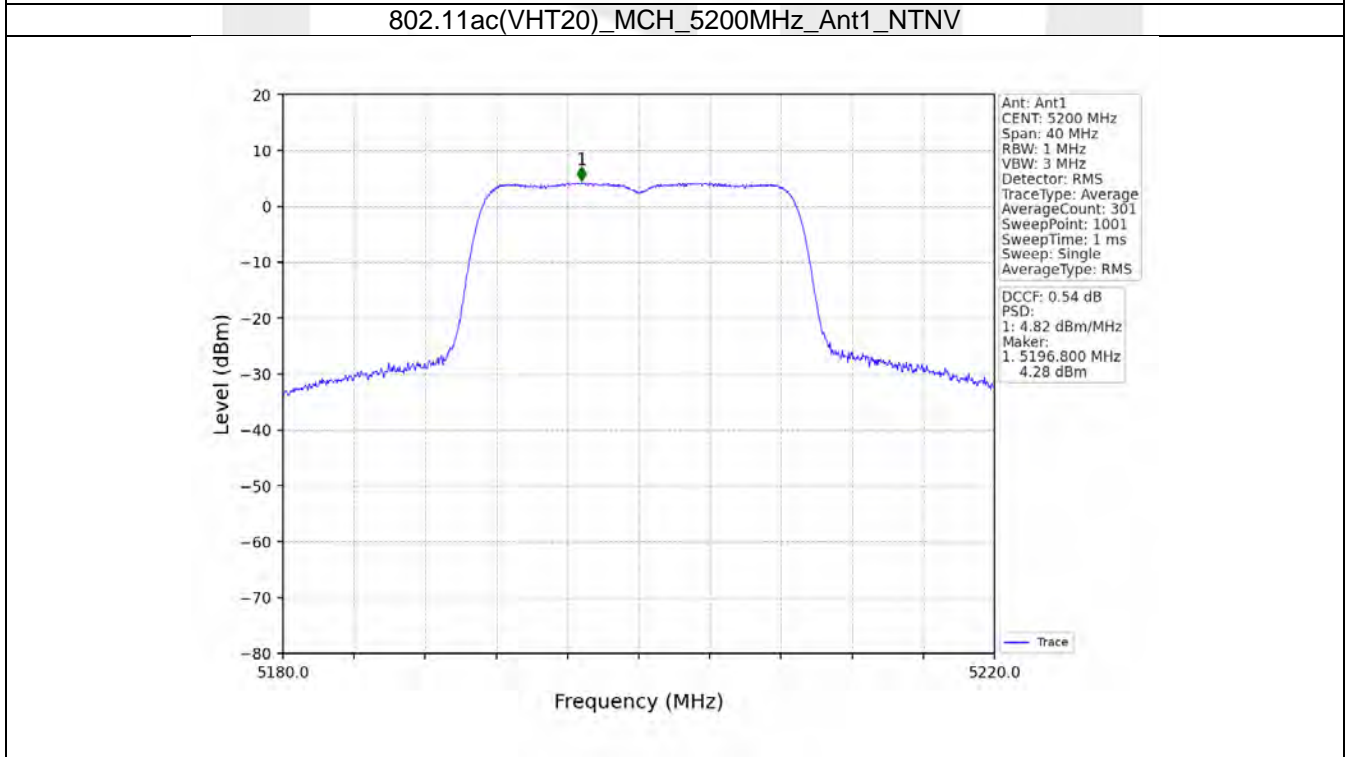
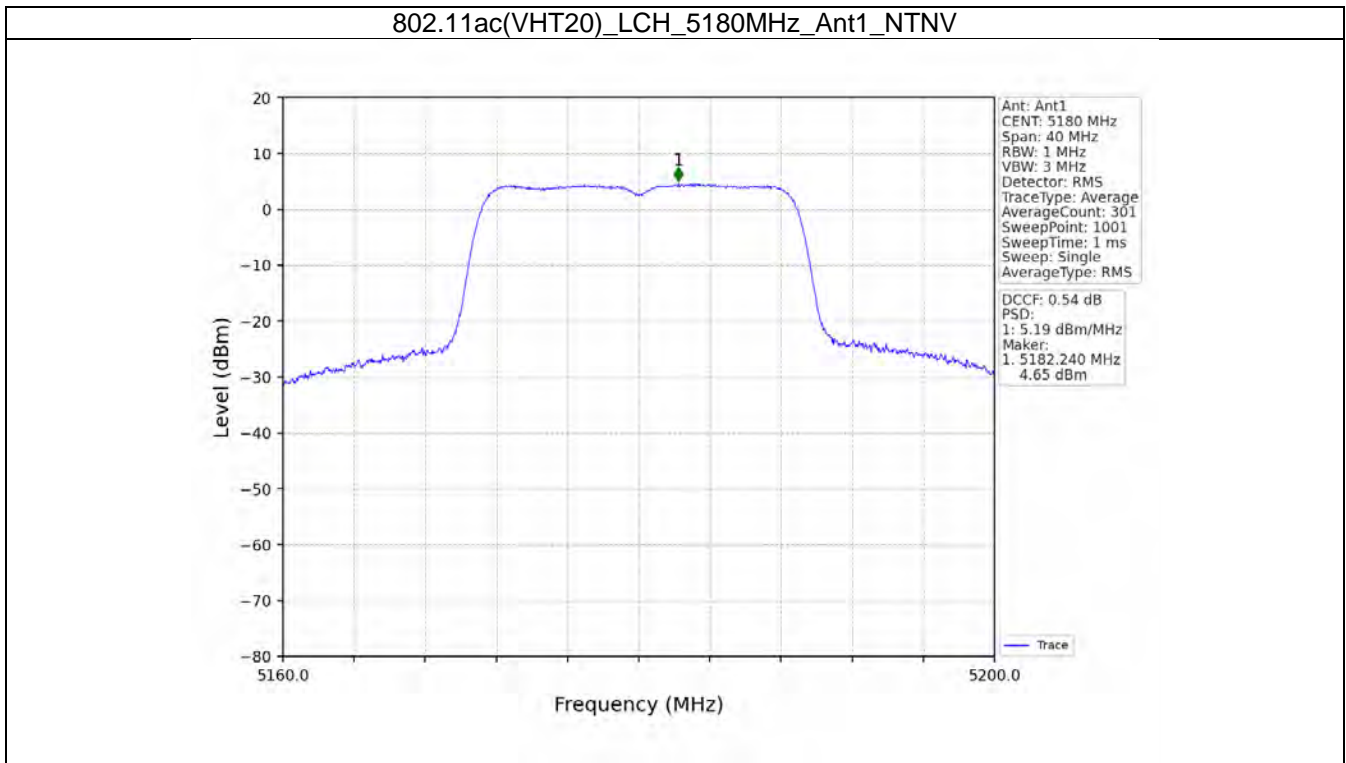
4.1.2 Test Graph

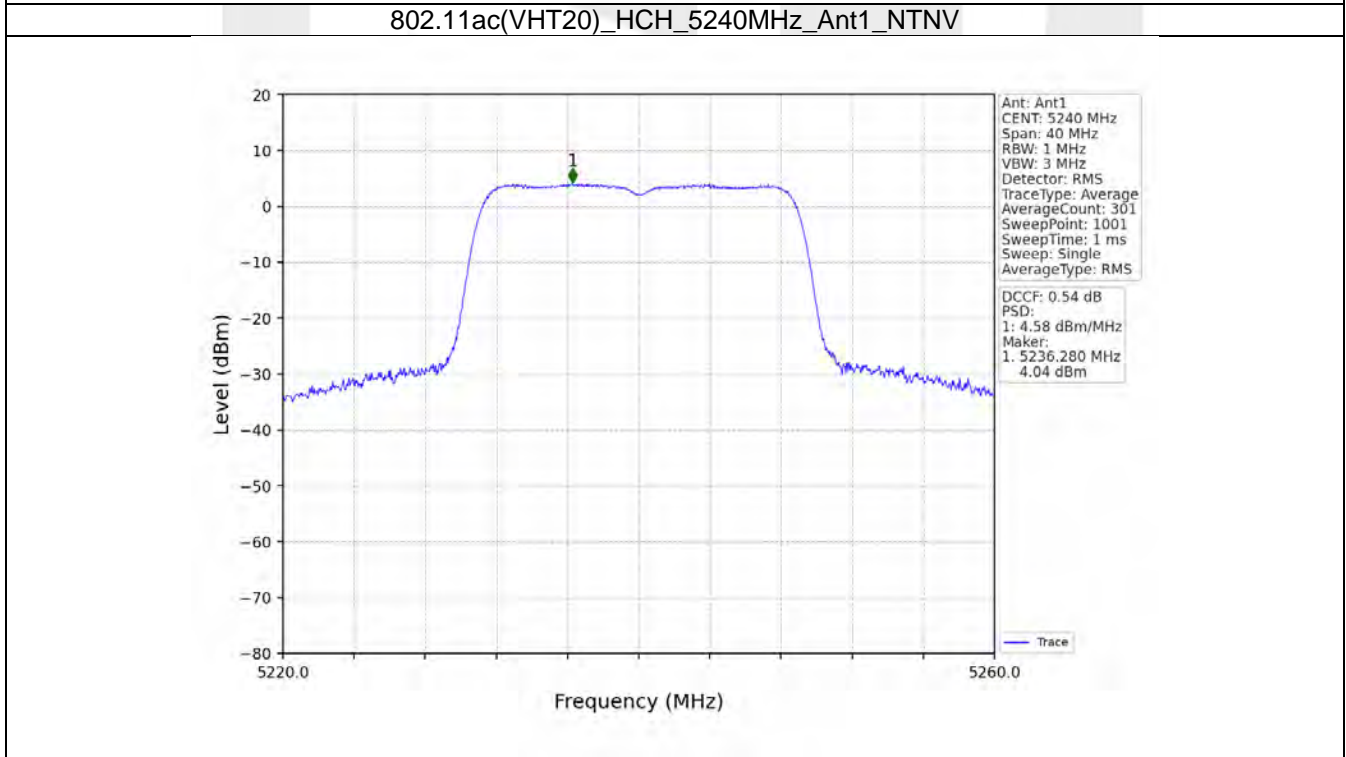
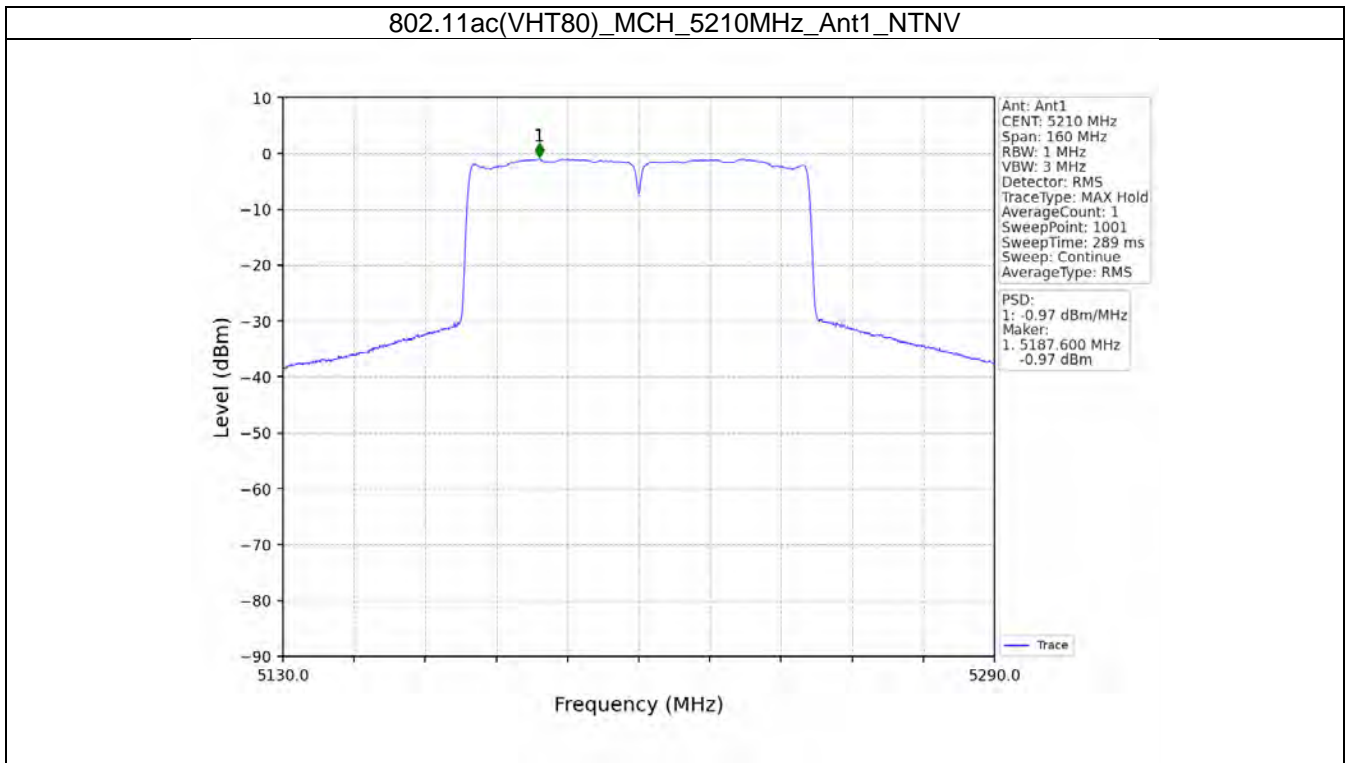




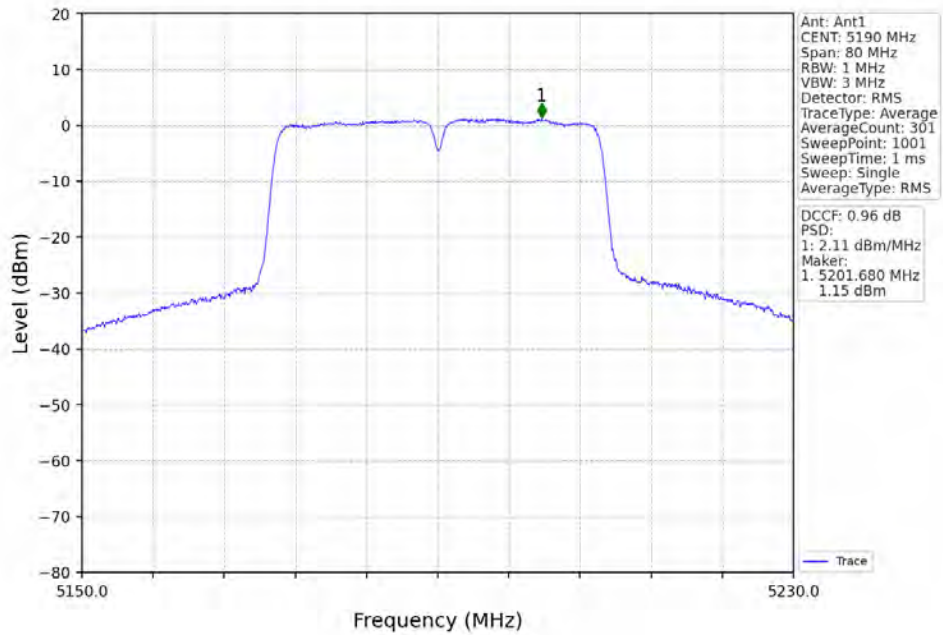




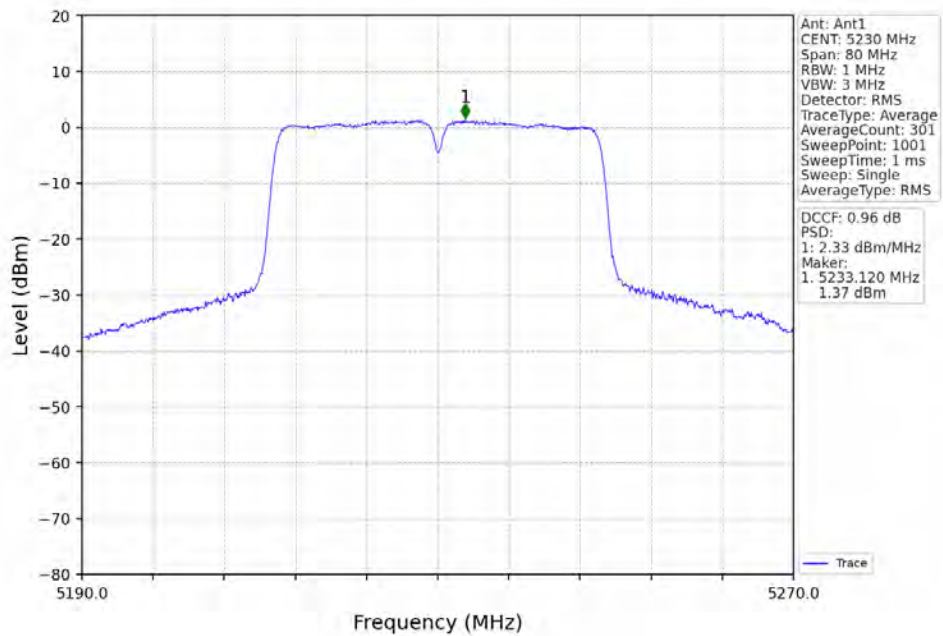




802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



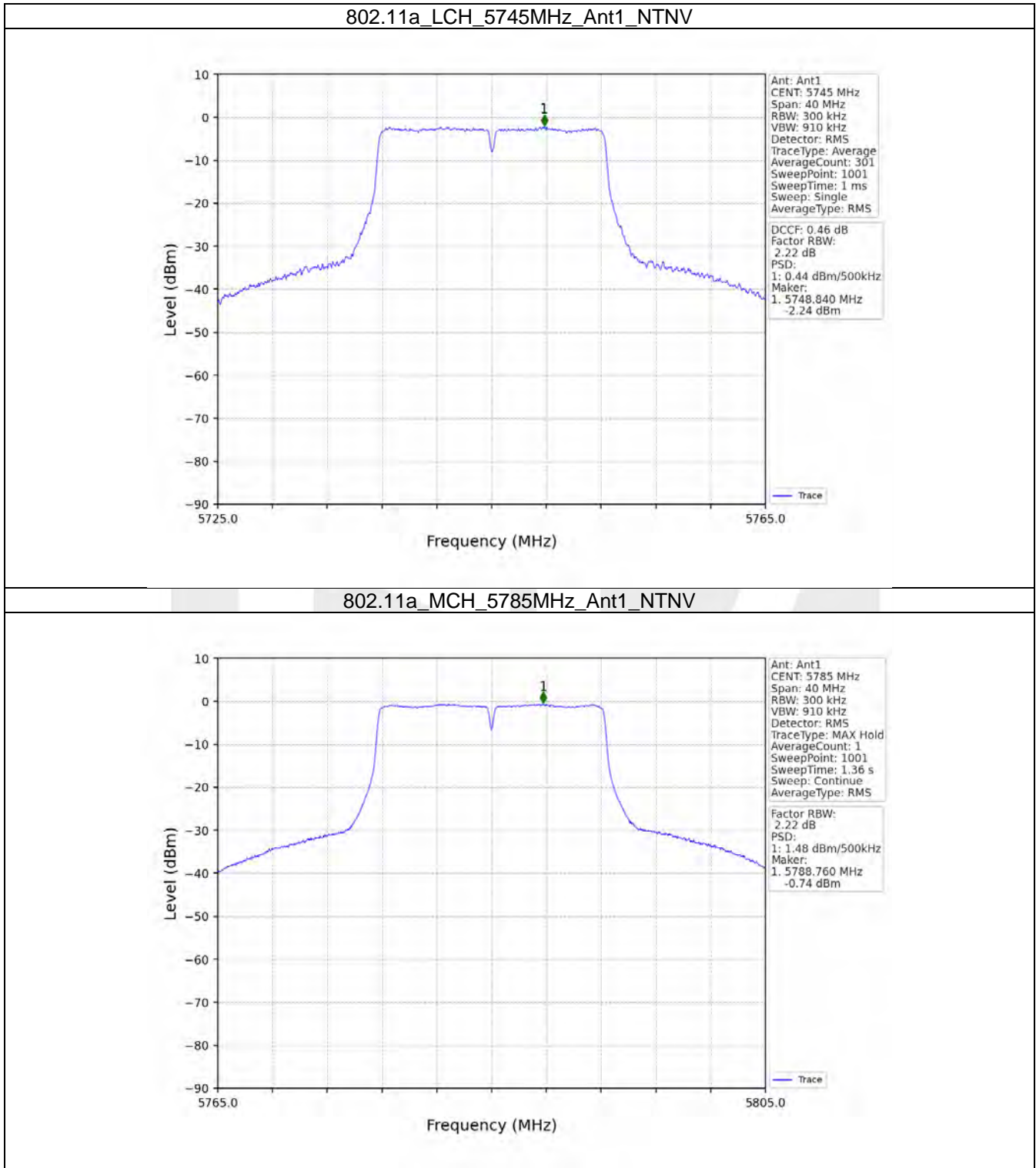
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

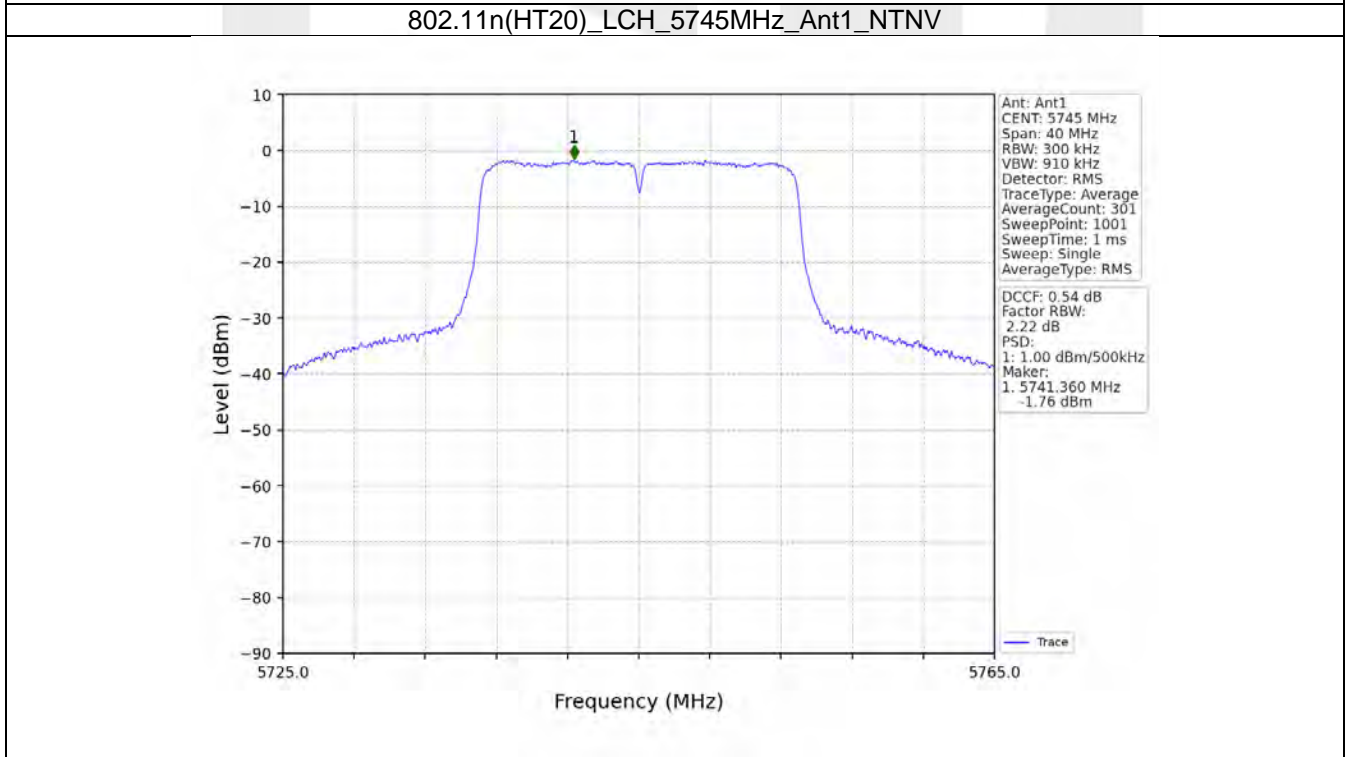
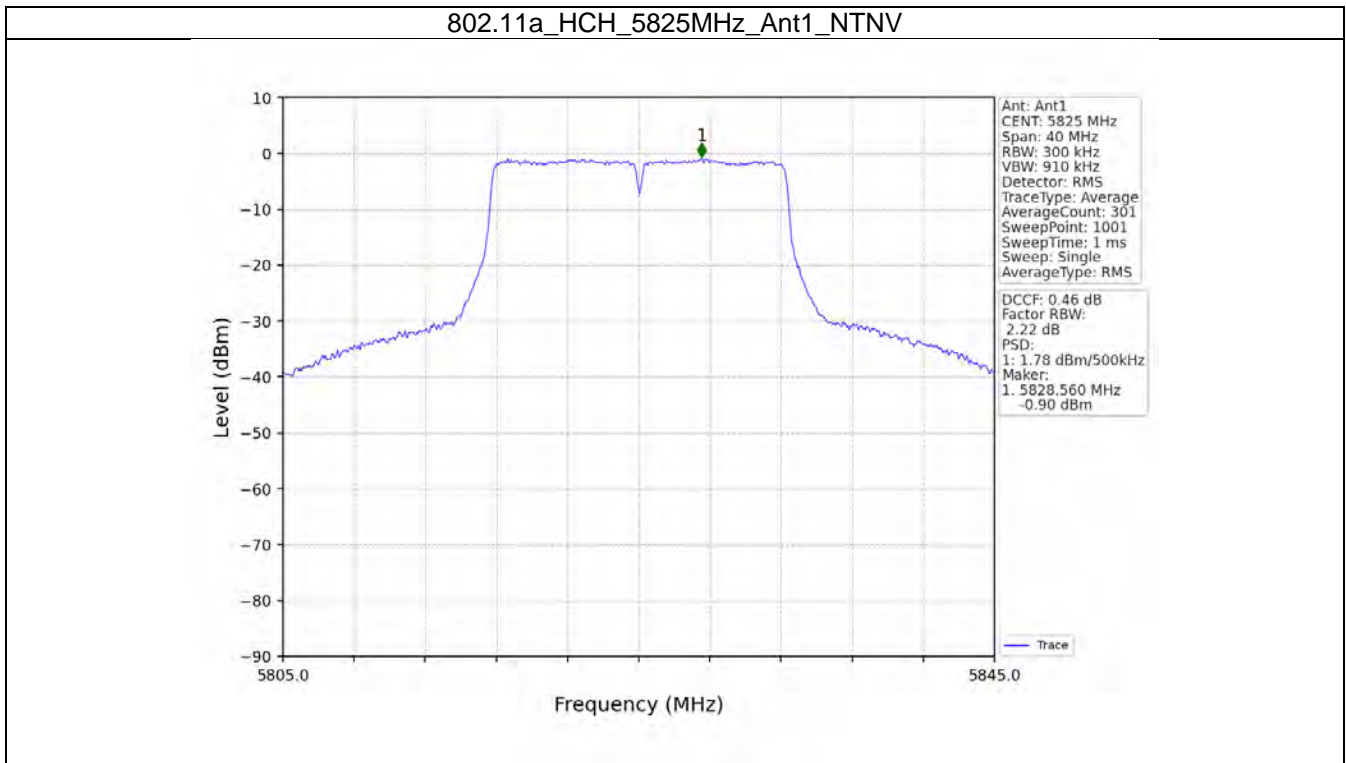


4.2 PSD-Band3
4.2.1 Test Result

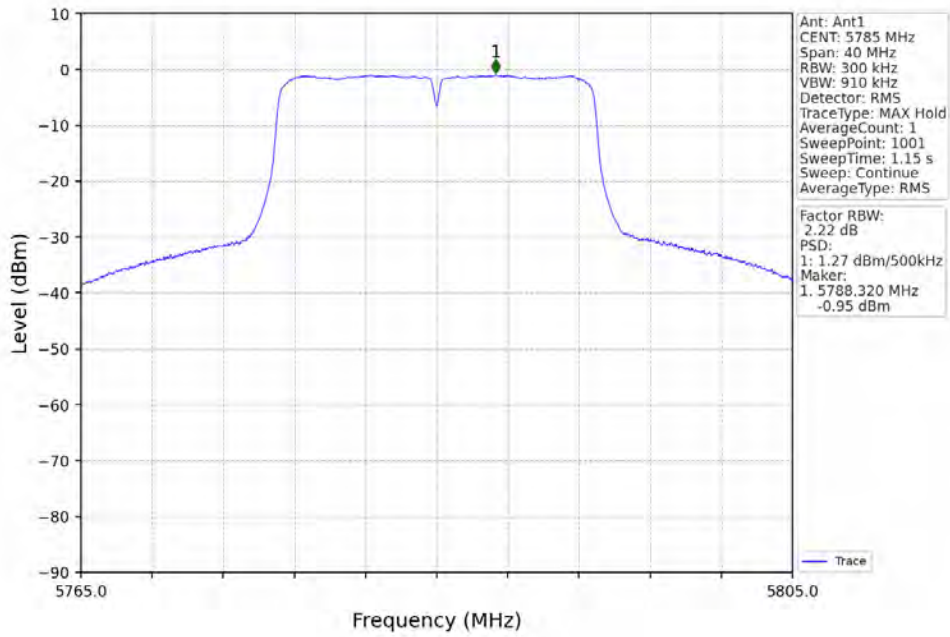
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	0.44	<=30	Pass
		5785	1.48	<=30	Pass
		5825	1.78	<=30	Pass
802.11n (HT20)	SISO	5745	1.00	<=30	Pass
		5785	1.27	<=30	Pass
		5825	1.44	<=30	Pass
802.11n (HT40)	SISO	5755	-1.48	<=30	Pass
		5795	-1.08	<=30	Pass
802.11ac (VHT20)	SISO	5745	2.22	<=30	Pass
		5785	2.51	<=30	Pass
		5825	2.26	<=30	Pass
802.11ac (VHT40)	SISO	5755	-0.32	<=30	Pass
		5795	-0.54	<=30	Pass
802.11ac (VHT80)	SISO	5775	-3.70	<=30	Pass

4.2.2 Test Graph

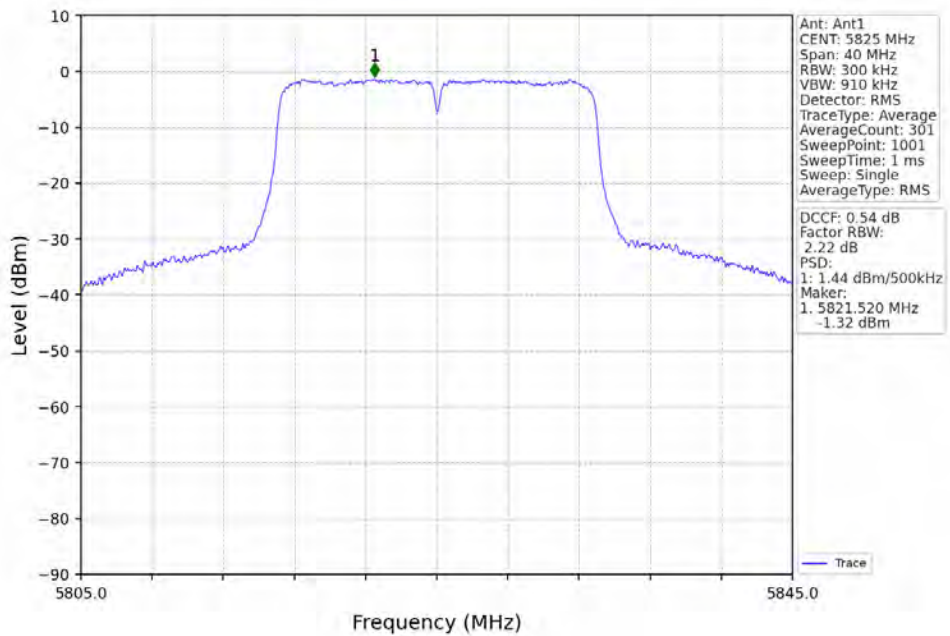




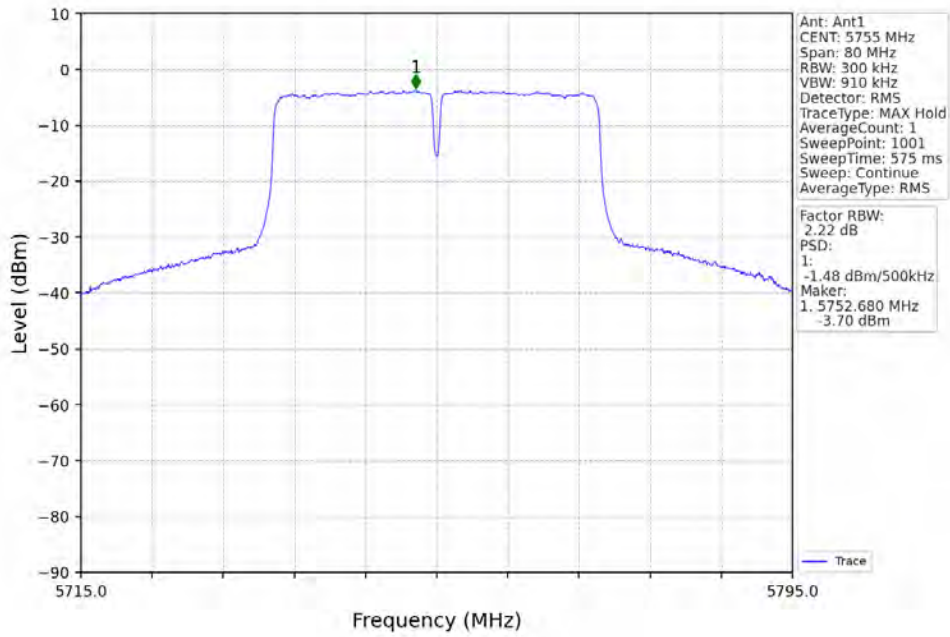
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



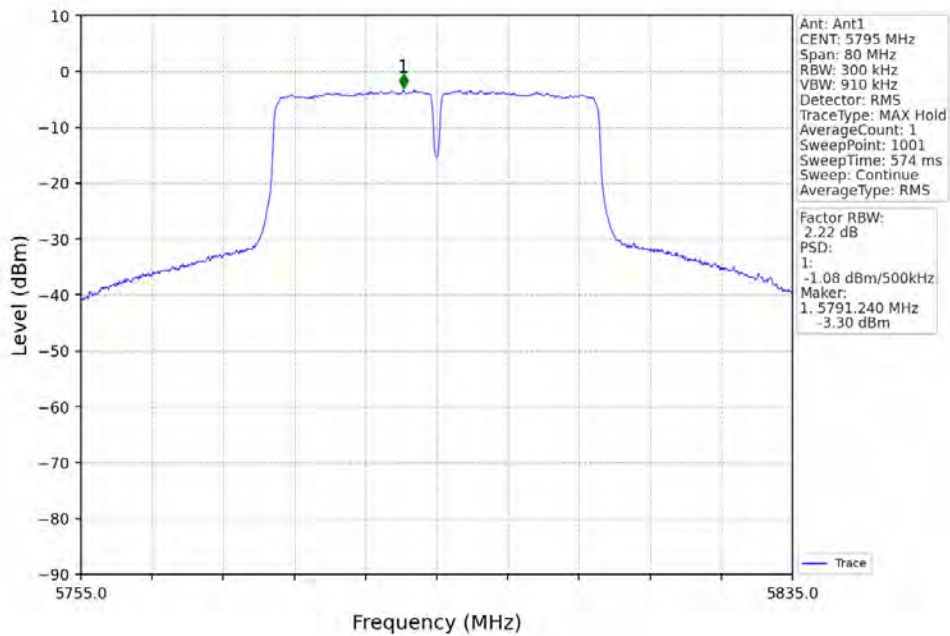
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



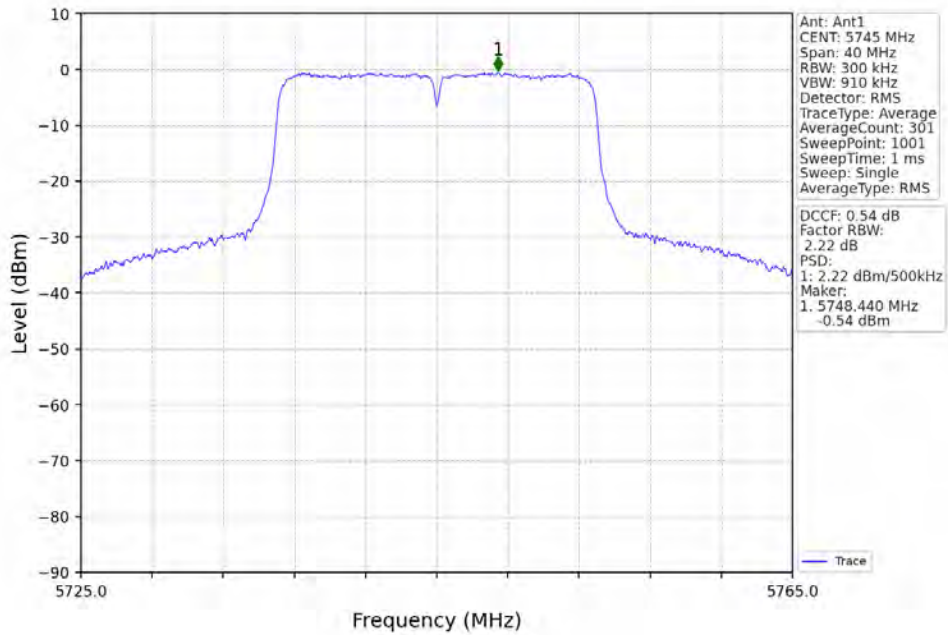
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



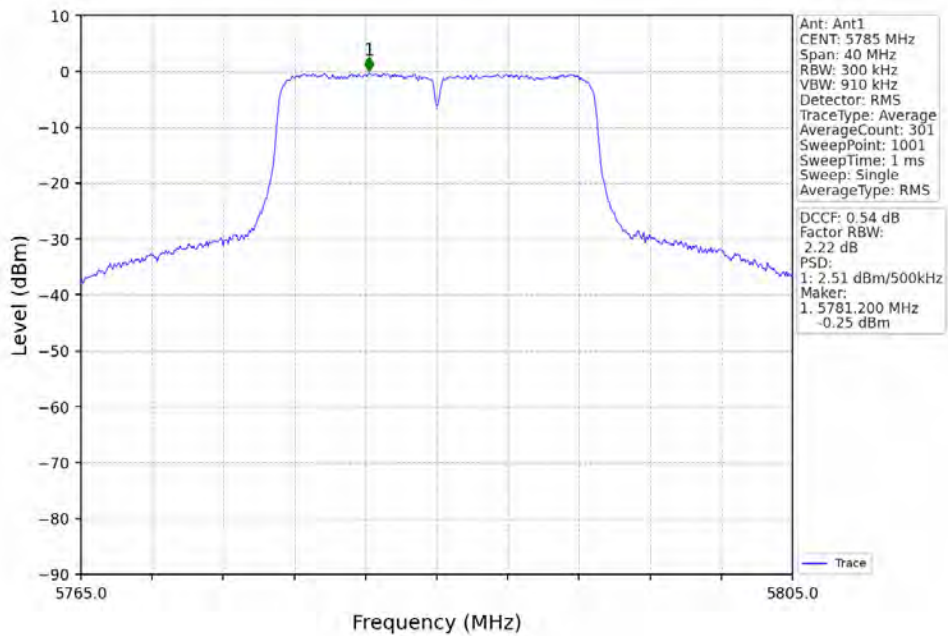
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

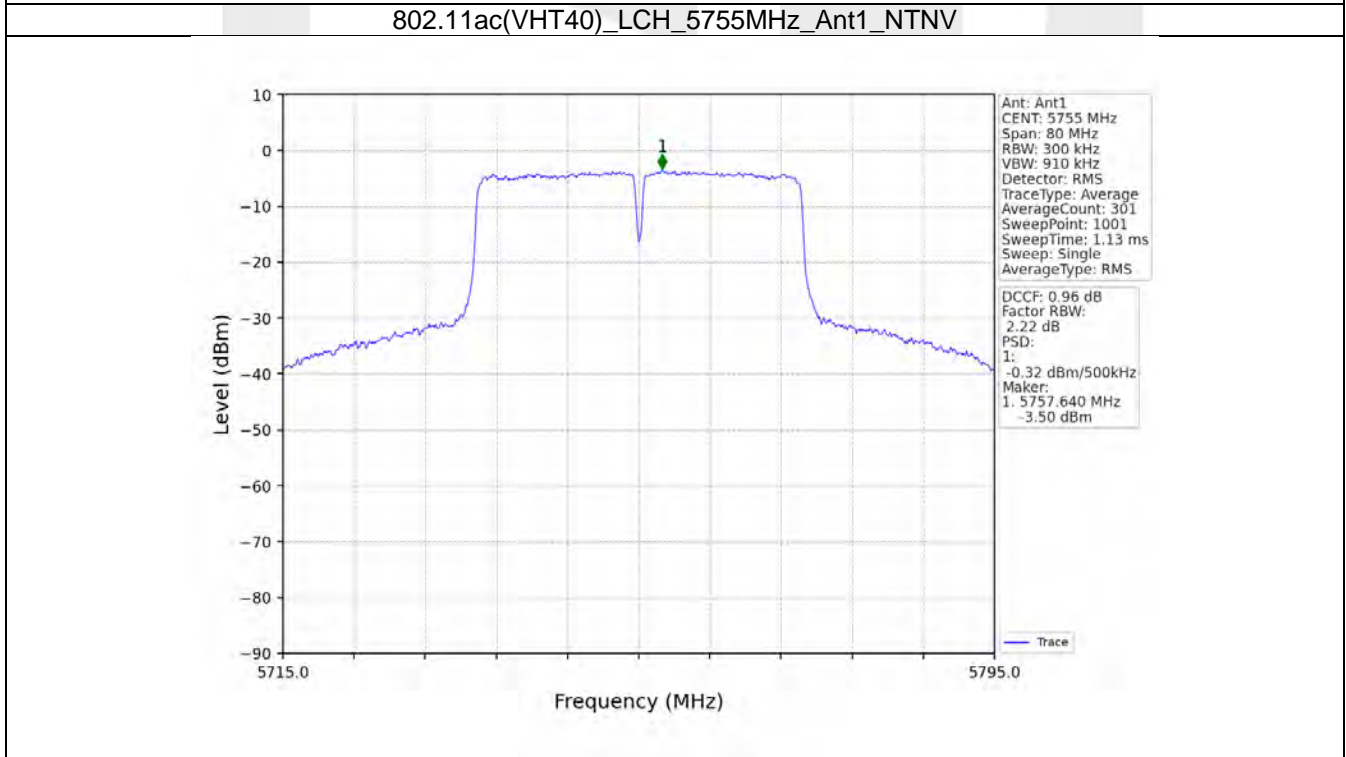
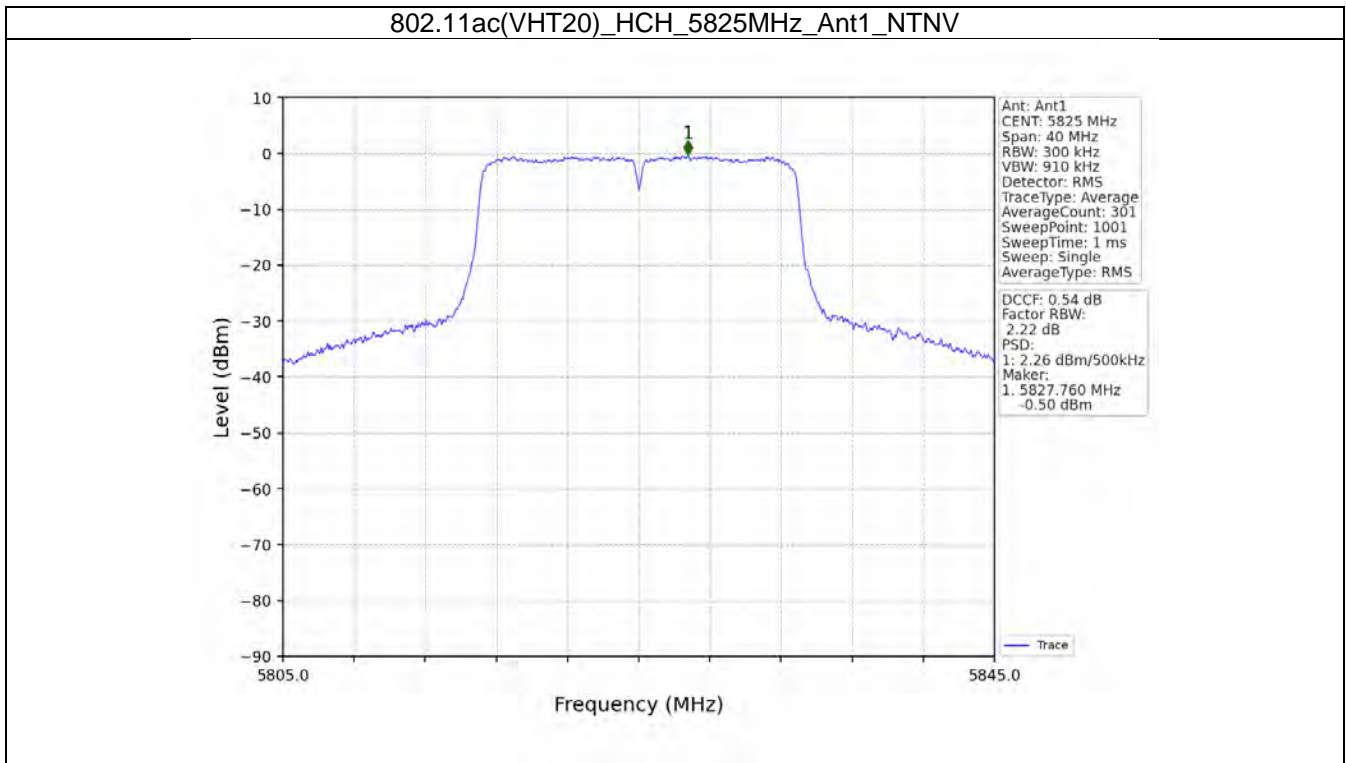


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

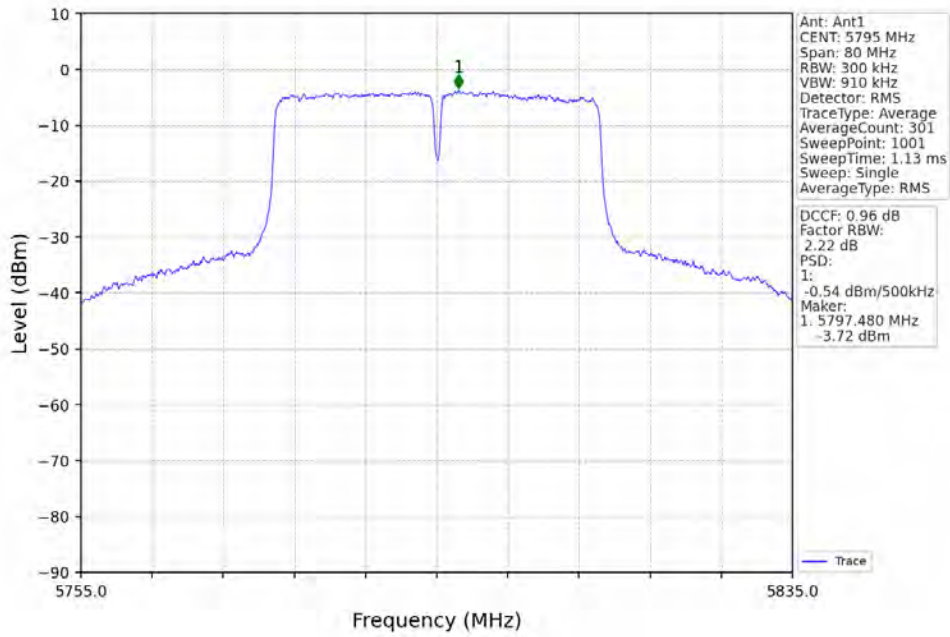


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

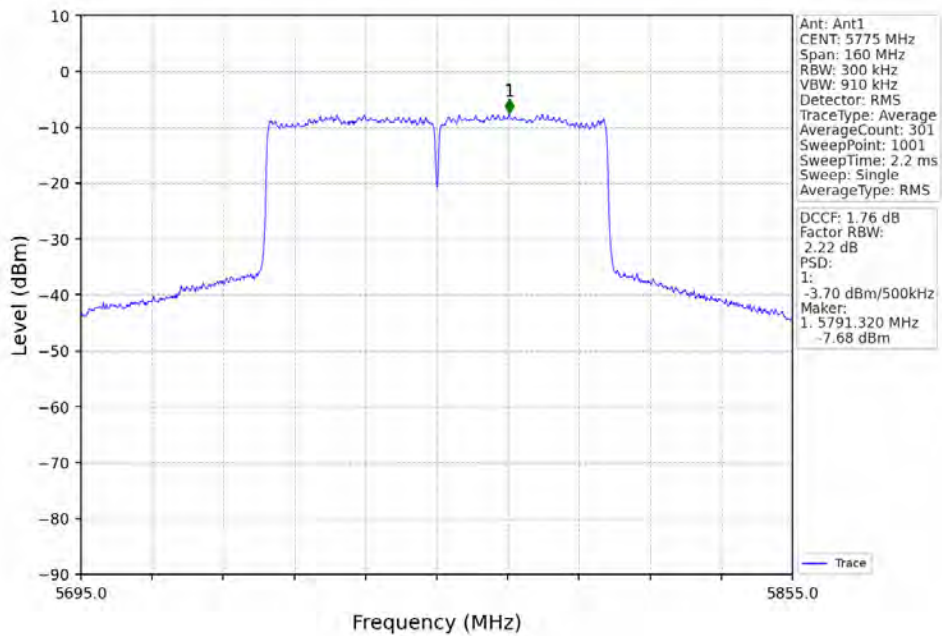




802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



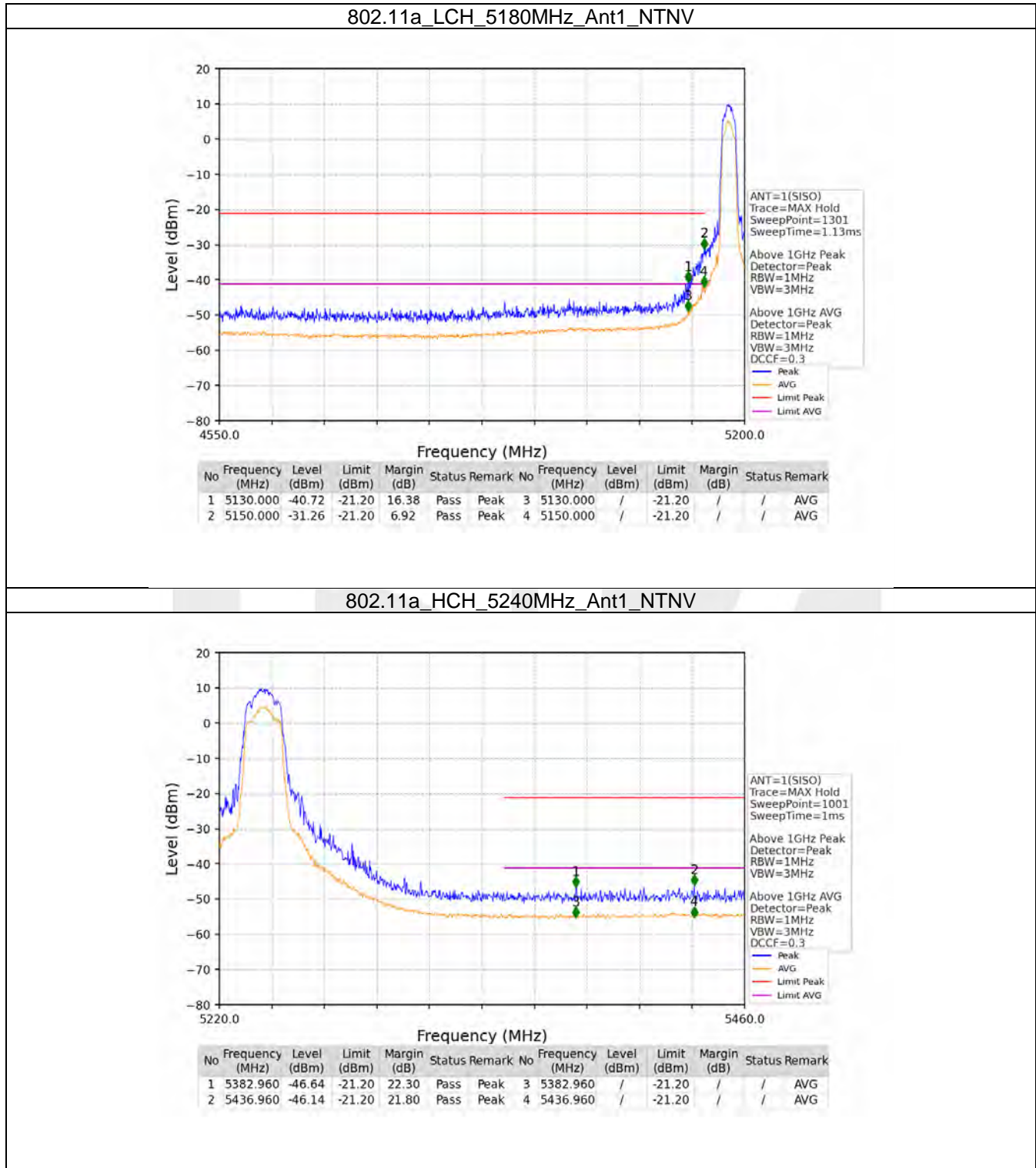
5. Unwanted Emissions In Restricted Frequency Bands

5.1 RSE

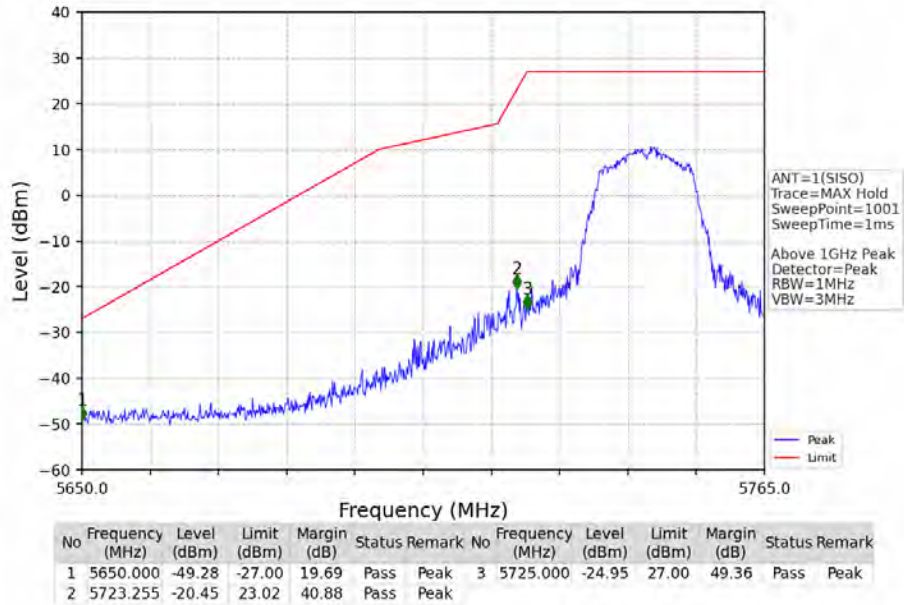
5.1.1 Test Result

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
802.11ac (VHT80)	SISO	5210	1	Refer To Test Graph		Pass
		5775	1	Refer To Test Graph		Pass

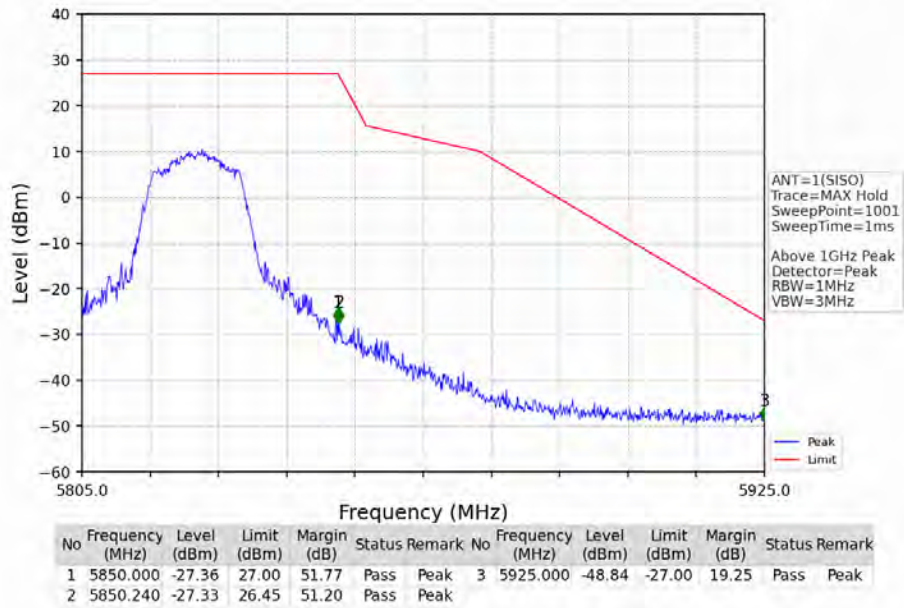
5.1.2 Test Graph



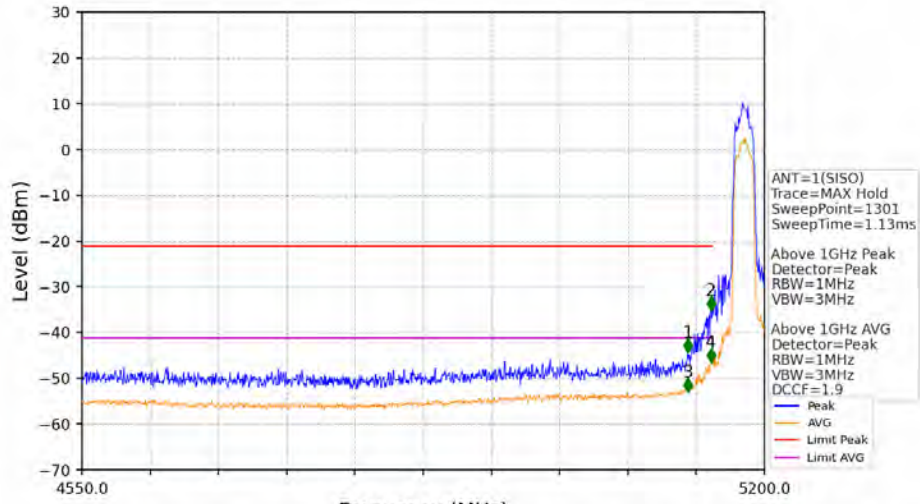
802.11a_LCH_5745MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV

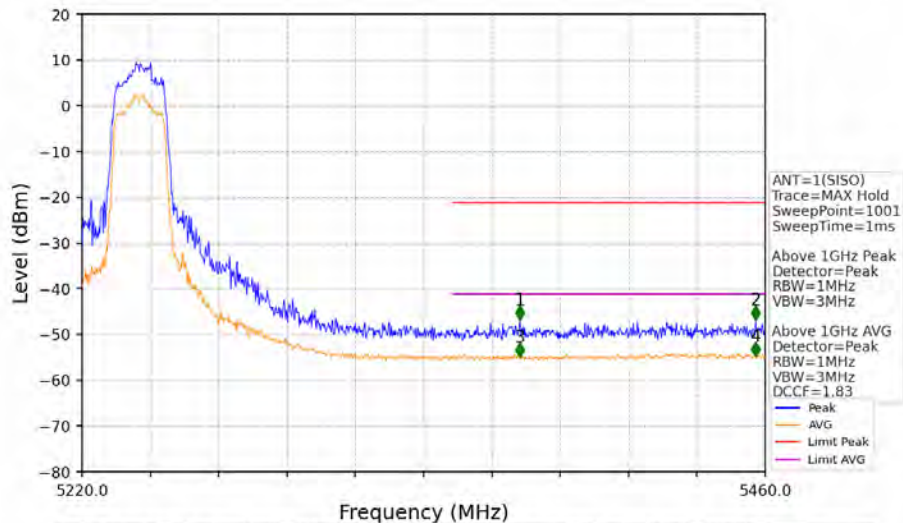


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



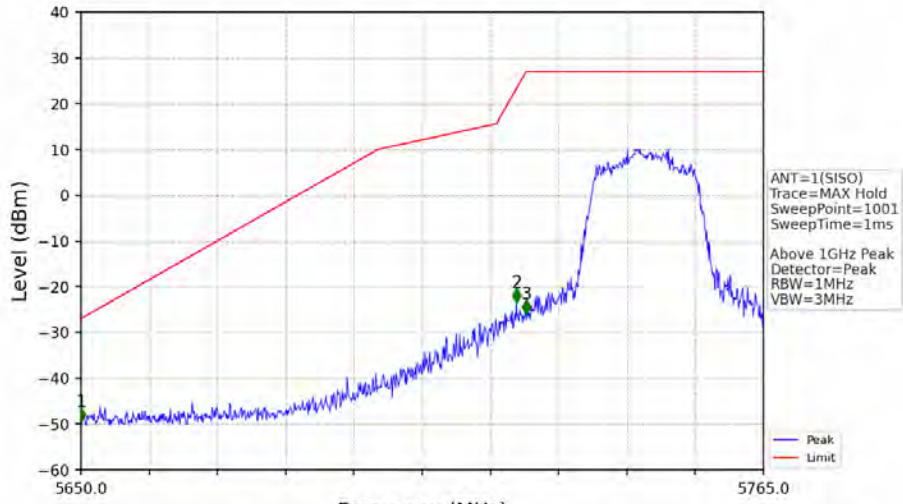
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5127.000	-44.46	-21.20	20.12	Pass Peak	3	5127.000	/	-21.20	/	/ AVG
2	5149.000	-35.25	-21.20	10.91	Pass Peak	4	5149.000	/	-21.20	/	/ AVG

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



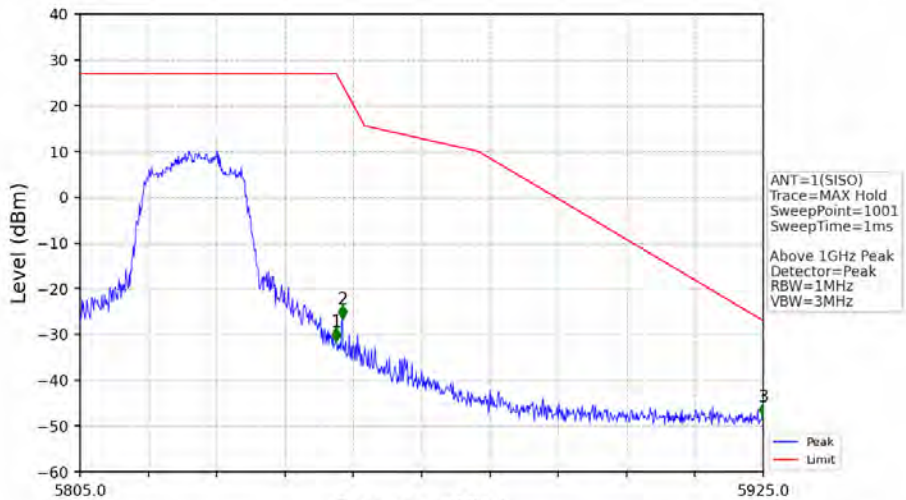
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status Remark
1	5373.840	-46.91	-21.20	22.57	Pass Peak	3	5373.840	/	-21.20	/	/ AVG
2	5456.640	-46.89	-21.20	22.55	Pass Peak	4	5456.640	/	-21.20	/	/ AVG

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



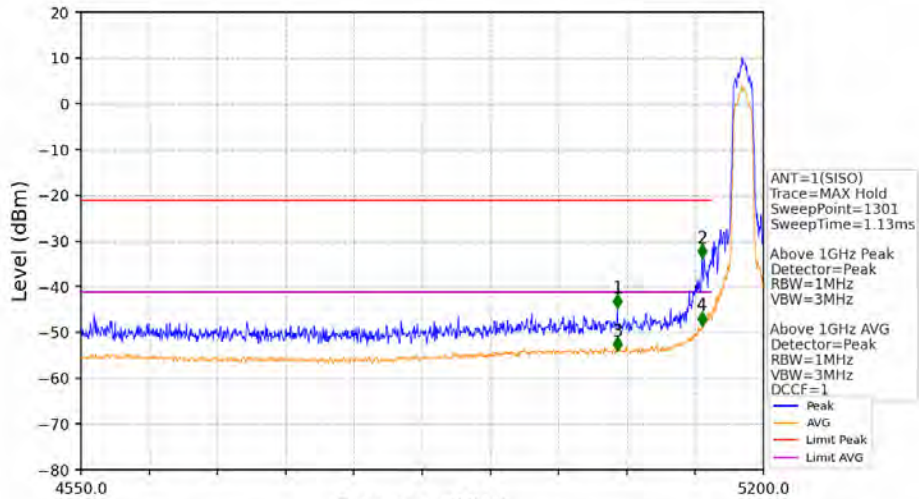
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-49.56	-27.00	19.98	Pass	Peak	3	5725.000	-26.02	27.00	50.44	Pass	Peak
2	5723.370	-23.52	23.28	44.21	Pass	Peak							

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



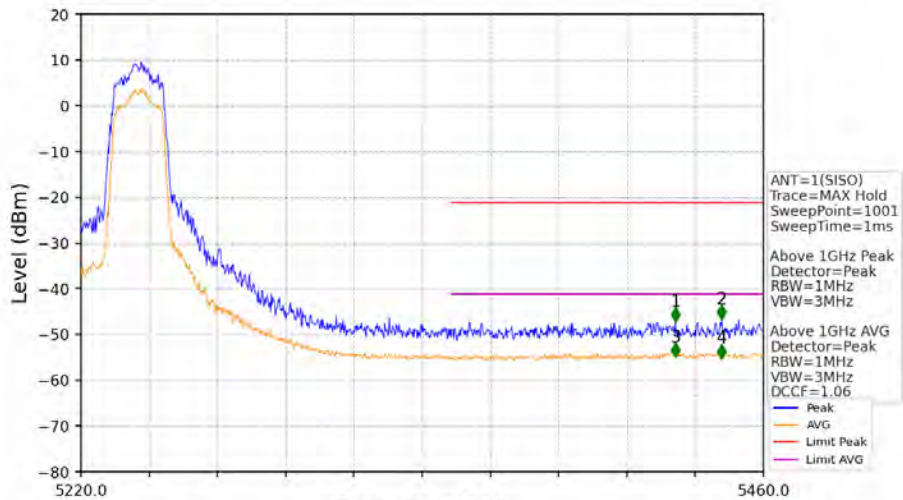
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-31.66	27.00	56.08	Pass	Peak	3	5925.000	-48.04	-27.00	18.45	Pass	Peak
2	5851.080	-26.75	24.54	48.69	Pass	Peak							

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



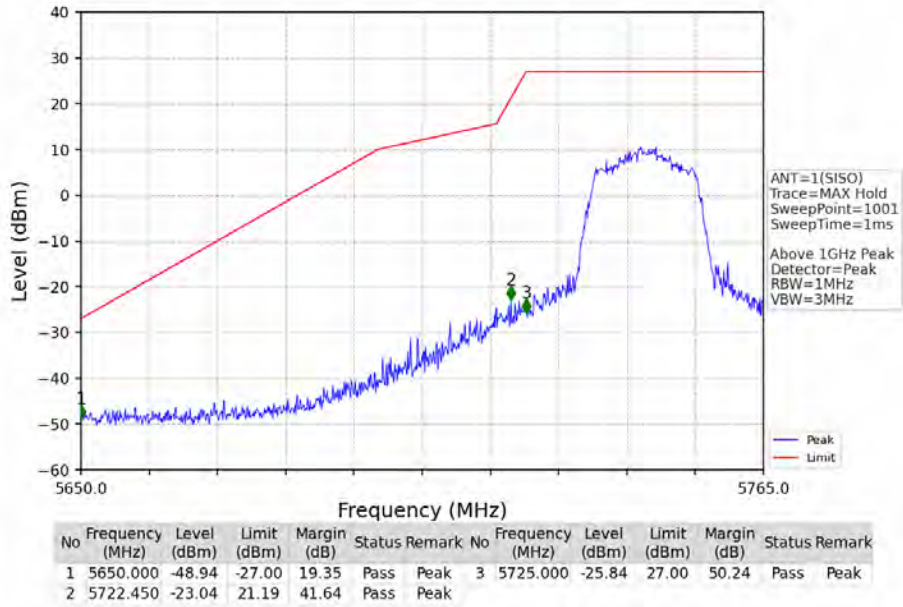
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5061.000	-44.79	-21.20	20.45	Pass	Peak	3	5061.000	/	-21.20	/	/	AVG
2	5141.500	-33.74	-21.20	9.40	Pass	Peak	4	5141.500	/	-21.20	/	/	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

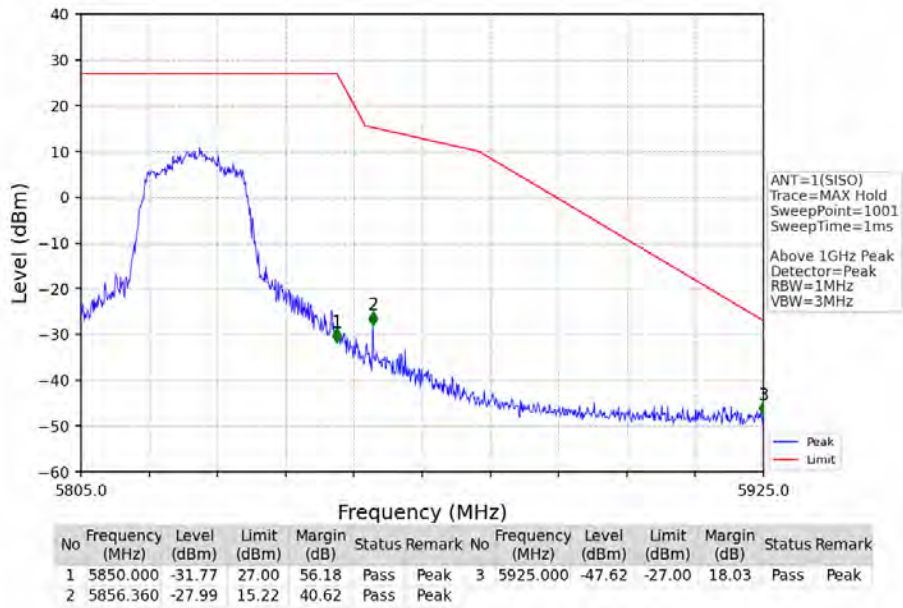


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5429.040	-47.20	-21.20	22.86	Pass	Peak	3	5429.040	/	-21.20	/	/	AVG
2	5445.360	-46.74	-21.20	22.40	Pass	Peak	4	5445.360	/	-21.20	/	/	AVG

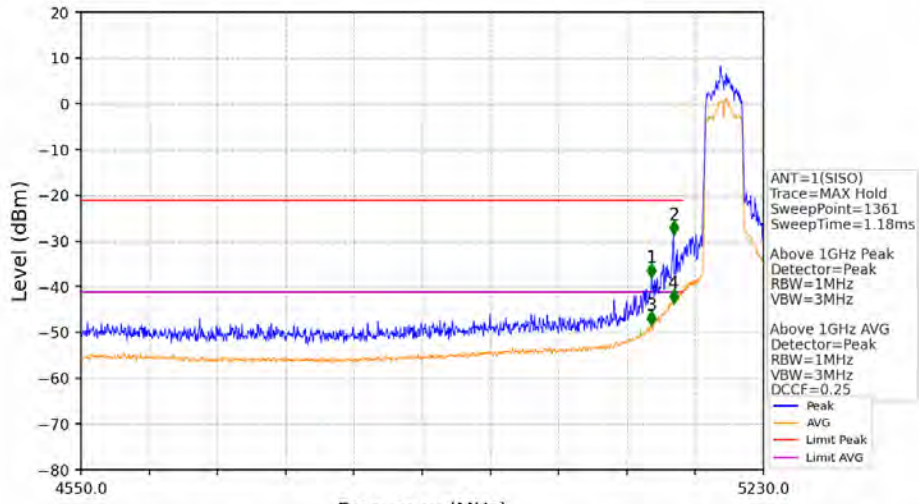
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

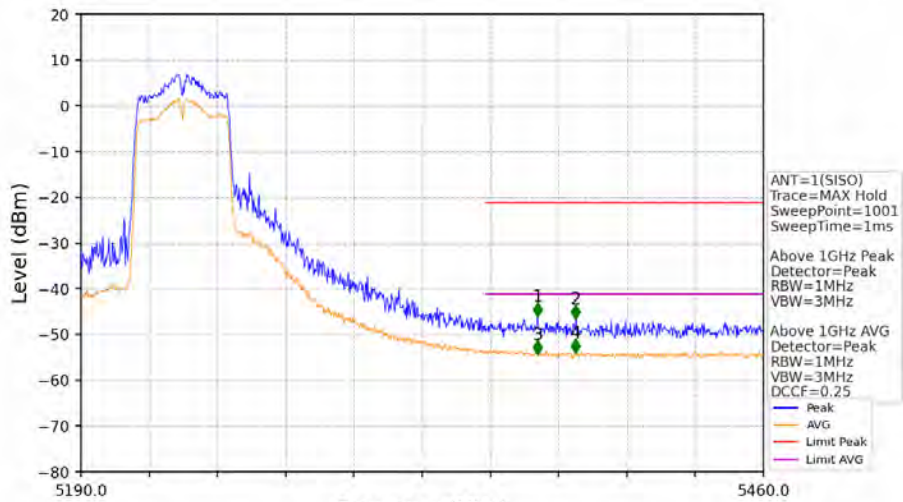


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



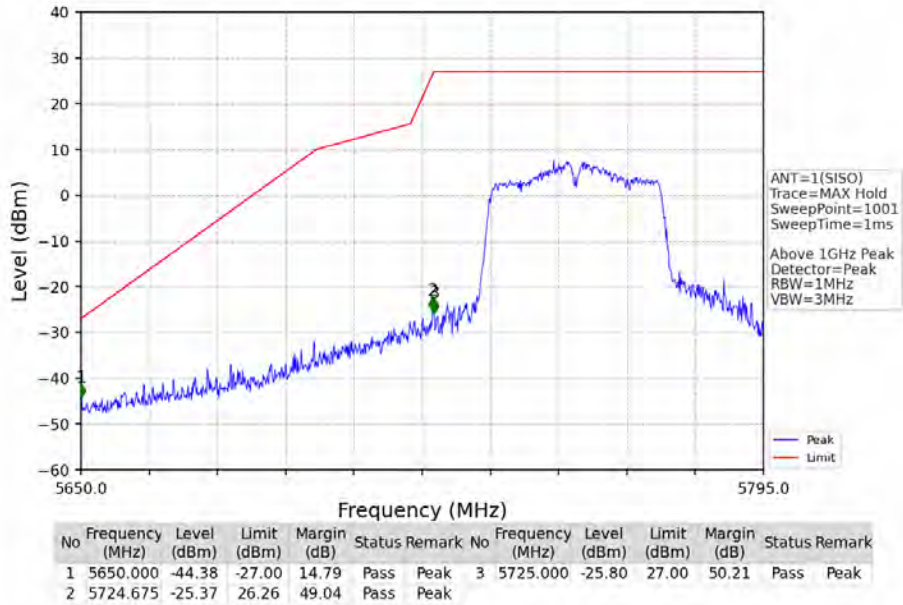
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5118.500	-38.04	-21.20	13.70	Pass	Peak	3	5118.500	/	-21.20	/	/	AVG
2	5140.500	-28.64	-21.20	4.30	Pass	Peak	4	5140.500	/	-21.20	/	/	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

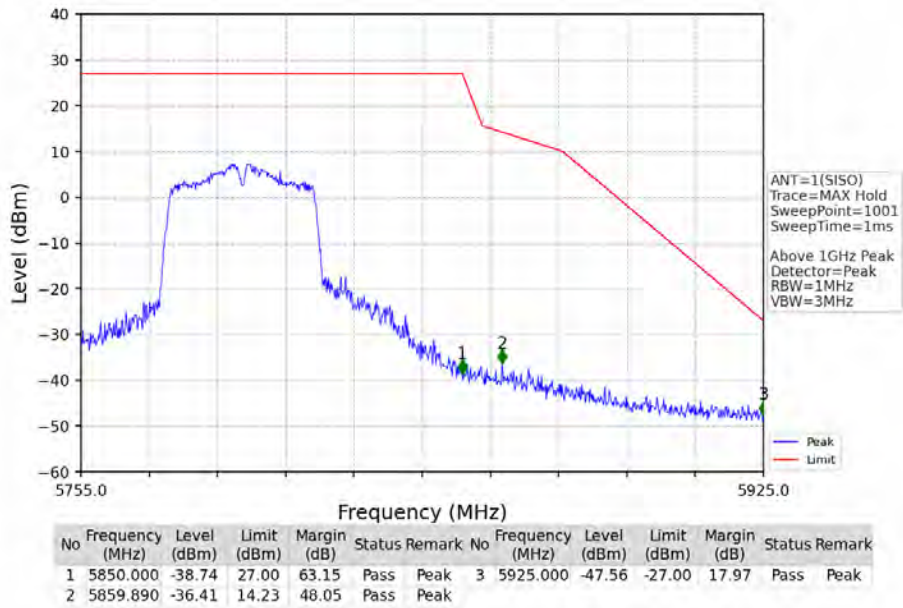


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5370.630	-46.09	-21.20	21.75	Pass	Peak	3	5370.630	/	-21.20	/	/	AVG
2	5385.750	-46.62	-21.20	22.28	Pass	Peak	4	5385.750	/	-21.20	/	/	AVG

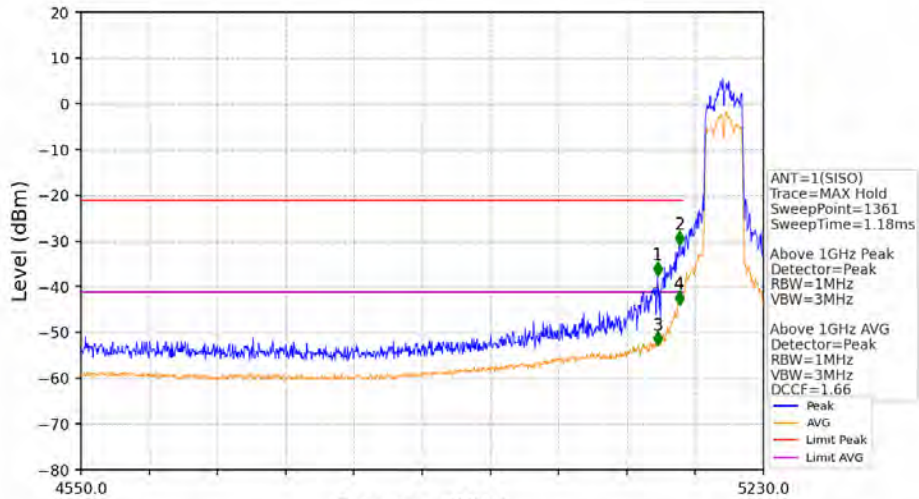
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

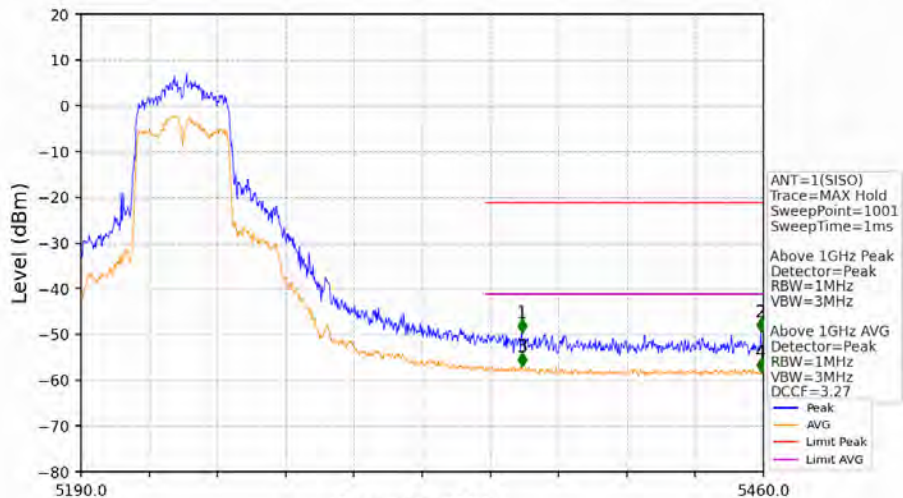


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



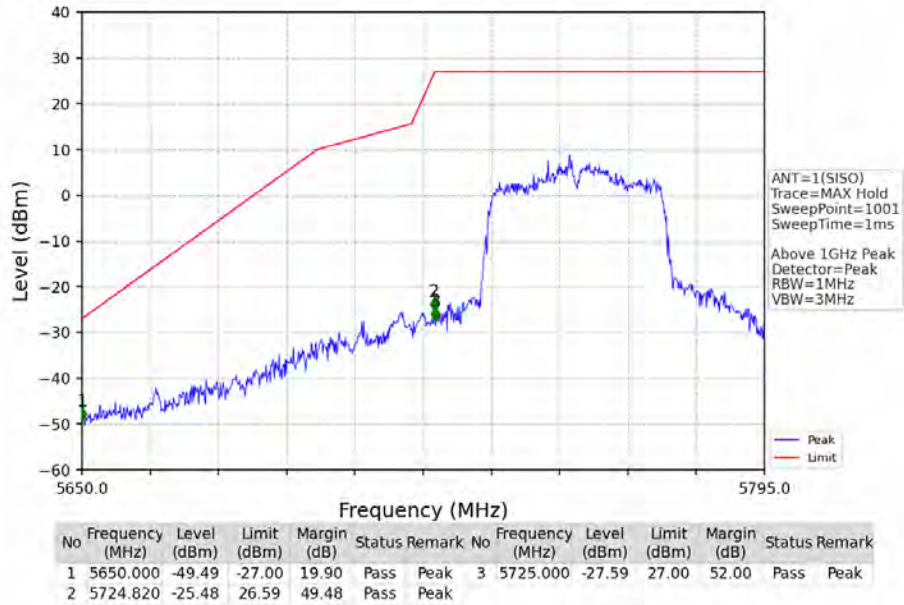
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5124.500	-37.61	-21.20	13.27	Pass	Peak	3	5124.500	/	-21.20	/	/	AVG
2	5146.500	-30.90	-21.20	6.56	Pass	Peak	4	5146.500	/	-21.20	/	/	AVG

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

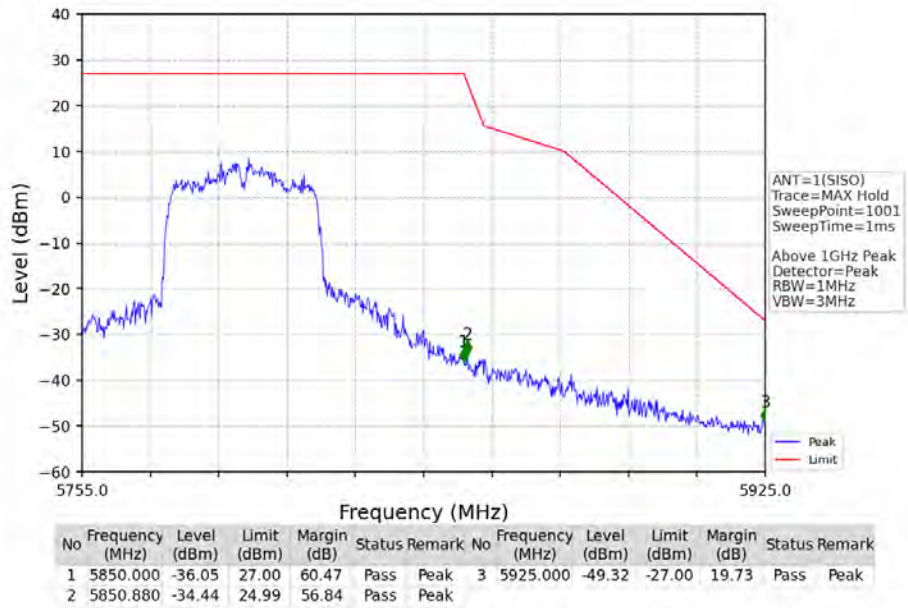


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5364.420	-49.68	-21.20	25.34	Pass	Peak	3	5364.420	/	-21.20	/	/	AVG
2	5458.920	-49.51	-21.20	25.17	Pass	Peak	4	5458.920	/	-21.20	/	/	AVG

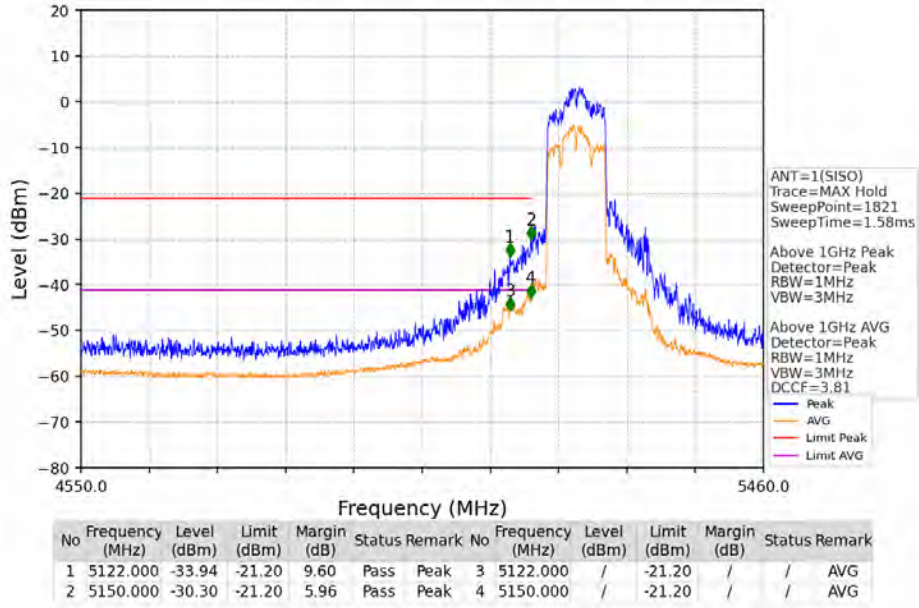
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



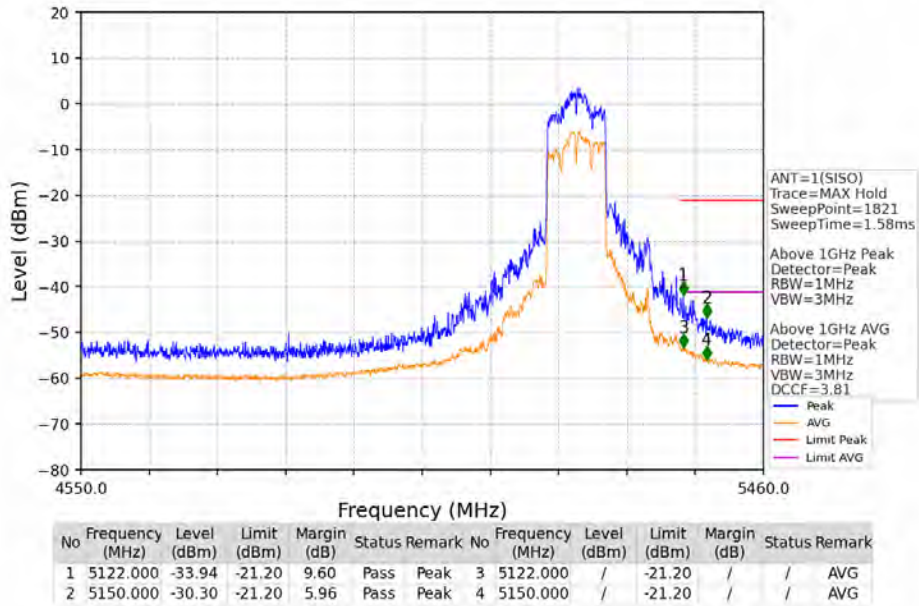
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



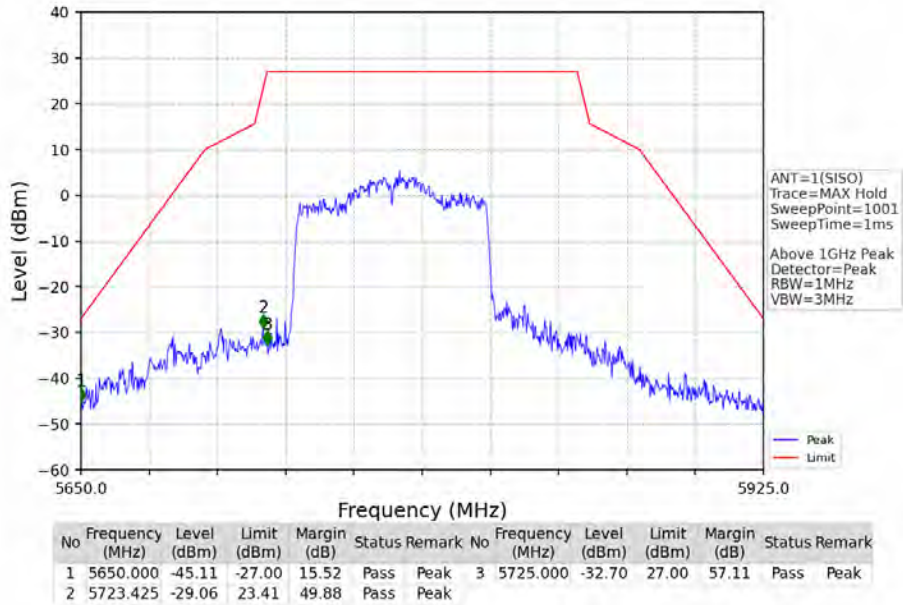
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



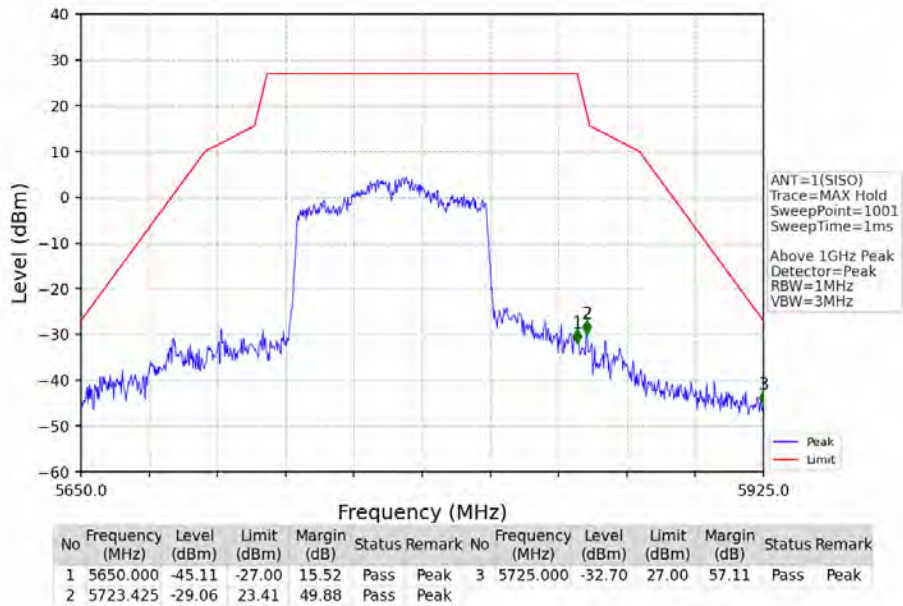
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



6. Frequency Stability

6.1 Ant1

6.1.1 Test Result

Ant1									
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict		
802.11a	SISO	5180	20	102	5180.080	5150 to 5250	Pass		
				120	5180.020	5150 to 5250	Pass		
				138	5180.060	5150 to 5250	Pass		
			-30	120	5180.040	5150 to 5250	Pass		
				-20	120	5180.040	5150 to 5250	Pass	
					120	5180.040	5150 to 5250	Pass	
			-10	120	5180.040	5150 to 5250	Pass		
				120	5180.060	5150 to 5250	Pass		
			0	120	5180.080	5150 to 5250	Pass		
				120	5180.060	5150 to 5250	Pass		
			10	120	5180.060	5150 to 5250	Pass		
				120	5180.000	5150 to 5250	Pass		
		5200	20	5200	102	5195.960	5150 to 5250	Pass	
					120	5204.040	5150 to 5250	Pass	
					138	5197.160	5150 to 5250	Pass	
			-30	120	5197.760	5150 to 5250	Pass		
				-20	120	5203.280	5150 to 5250	Pass	
					120	5193.400	5150 to 5250	Pass	
			-10	120	5197.120	5150 to 5250	Pass		
				120	5202.160	5150 to 5250	Pass		
			0	120	5203.240	5150 to 5250	Pass		
				120	5207.160	5150 to 5250	Pass		
			10	120	5202.800	5150 to 5250	Pass		
				120	5237.320	5150 to 5250	Pass		
		5240	20	5240	102	5233.400	5150 to 5250	Pass	
					120	5243.320	5150 to 5250	Pass	
					138	5237.760	5150 to 5250	Pass	
			-30	120	5243.240	5150 to 5250	Pass		
				-20	120	5244.000	5150 to 5250	Pass	
					120	5243.280	5150 to 5250	Pass	
			-10	120	5237.280	5150 to 5250	Pass		
				120	5233.400	5150 to 5250	Pass		
			0	120	5237.760	5150 to 5250	Pass		
				120	5245.440	5150 to 5250	Pass		
			10	120	5745.080	5725 to 5850	Pass		
				120	5745.020	5725 to 5850	Pass		
		5745	20	5745	138	5745.040	5725 to 5850	Pass	
					-30	120	5745.020	5725 to 5850	Pass
						120	5745.040	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass		
				120	5745.060	5725 to 5850	Pass		
			-10	120	5745.060	5725 to 5850	Pass		
120	5745.060			5725 to 5850	Pass				

802.11n (HT20)	SISO	5785	30	120	5745.040	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.020	5725 to 5850	Pass
		5785	20	102	5785.060	5725 to 5850	Pass
				120	5785.040	5725 to 5850	Pass
				138	5785.060	5725 to 5850	Pass
			-30	120	5785.060	5725 to 5850	Pass
			-20	120	5785.040	5725 to 5850	Pass
			-10	120	5785.060	5725 to 5850	Pass
			0	120	5785.060	5725 to 5850	Pass
			10	120	5785.060	5725 to 5850	Pass
			30	120	5785.060	5725 to 5850	Pass
			40	120	5785.080	5725 to 5850	Pass
			50	120	5785.040	5725 to 5850	Pass
			5825	20	102	5825.080	5725 to 5850
		120			5825.040	5725 to 5850	Pass
		138			5824.980	5725 to 5850	Pass
		-30		120	5825.040	5725 to 5850	Pass
		-20		120	5825.020	5725 to 5850	Pass
		-10		120	5825.040	5725 to 5850	Pass
		0		120	5825.060	5725 to 5850	Pass
		10		120	5825.060	5725 to 5850	Pass
		30		120	5825.020	5725 to 5850	Pass
		40		120	5825.040	5725 to 5850	Pass
		50		120	5825.060	5725 to 5850	Pass
		5180		20	102	5180.060	5150 to 5250
			120		5180.020	5150 to 5250	Pass
			138		5180.020	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
			-20	120	5180.040	5150 to 5250	Pass
			-10	120	5180.040	5150 to 5250	Pass
			0	120	5179.980	5150 to 5250	Pass
			10	120	5180.080	5150 to 5250	Pass
			30	120	5180.020	5150 to 5250	Pass
			40	120	5180.020	5150 to 5250	Pass
			50	120	5180.020	5150 to 5250	Pass
5200	20		102	5200.000	5150 to 5250	Pass	
			120	5200.040	5150 to 5250	Pass	
			138	5200.000	5150 to 5250	Pass	
	-30		120	5199.980	5150 to 5250	Pass	
	-20		120	5199.980	5150 to 5250	Pass	
	-10		120	5200.000	5150 to 5250	Pass	
	0		120	5200.020	5150 to 5250	Pass	
	10	120	5200.000	5150 to 5250	Pass		
	30	120	5200.060	5150 to 5250	Pass		
5240	20	102	5240.020	5150 to 5250	Pass		
		120	5240.020	5150 to 5250	Pass		
		138	5240.000	5150 to 5250	Pass		
	-30	120	5240.000	5150 to 5250	Pass		
	-20	120	5240.000	5150 to 5250	Pass		

			-10	120	5240.020	5150 to 5250	Pass		
			0	120	5240.060	5150 to 5250	Pass		
			10	120	5239.980	5150 to 5250	Pass		
			30	120	5240.000	5150 to 5250	Pass		
			40	120	5240.000	5150 to 5250	Pass		
			50	120	5240.000	5150 to 5250	Pass		
		5745	20	102	5745.020	5725 to 5850	Pass		
				120	5745.040	5725 to 5850	Pass		
				138	5744.980	5725 to 5850	Pass		
			-30	120	5745.060	5725 to 5850	Pass		
			-20	120	5745.000	5725 to 5850	Pass		
			-10	120	5745.000	5725 to 5850	Pass		
			0	120	5745.040	5725 to 5850	Pass		
			10	120	5745.020	5725 to 5850	Pass		
			30	120	5745.000	5725 to 5850	Pass		
			40	120	5745.020	5725 to 5850	Pass		
			50	120	5745.020	5725 to 5850	Pass		
			5785	20	102	5785.040	5725 to 5850	Pass	
		120			5785.060	5725 to 5850	Pass		
		138			5785.040	5725 to 5850	Pass		
		-30		120	5785.040	5725 to 5850	Pass		
		-20		120	5785.020	5725 to 5850	Pass		
		-10		120	5785.040	5725 to 5850	Pass		
		0		120	5785.060	5725 to 5850	Pass		
		10		120	5785.040	5725 to 5850	Pass		
		30		120	5785.000	5725 to 5850	Pass		
		40		120	5785.060	5725 to 5850	Pass		
		50		120	5785.080	5725 to 5850	Pass		
		5825		20	102	5825.060	5725 to 5850	Pass	
			120		5825.020	5725 to 5850	Pass		
			138		5825.000	5725 to 5850	Pass		
			-30	120	5824.960	5725 to 5850	Pass		
			-20	120	5824.960	5725 to 5850	Pass		
			-10	120	5825.040	5725 to 5850	Pass		
			0	120	5825.000	5725 to 5850	Pass		
			10	120	5825.000	5725 to 5850	Pass		
			30	120	5825.020	5725 to 5850	Pass		
			40	120	5825.060	5725 to 5850	Pass		
			50	120	5825.040	5725 to 5850	Pass		
			802.11n (HT40)	SISO	5190	20	102	5196.640	5150 to 5250
		120					5189.120	5150 to 5250	Pass
		138					5195.440	5150 to 5250	Pass
-30	120	5193.200				5150 to 5250	Pass		
-20	120	5191.760				5150 to 5250	Pass		
-10	120	5199.360				5150 to 5250	Pass		
0	120	5188.400				5150 to 5250	Pass		
10	120	5184.000				5150 to 5250	Pass		
30	120	5191.680				5150 to 5250	Pass		
40	120	5195.920				5150 to 5250	Pass		
50	120	5192.000				5150 to 5250	Pass		
5230	20	102				5233.200	5150 to 5250	Pass	
		120			5224.960	5150 to 5250	Pass		

				138	5219.200	5150 to 5250	Pass		
			-30	120	5231.840	5150 to 5250	Pass		
			-20	120	5228.080	5150 to 5250	Pass		
			-10	120	5235.760	5150 to 5250	Pass		
			0	120	5219.280	5150 to 5250	Pass		
			10	120	5236.640	5150 to 5250	Pass		
			30	120	5224.160	5150 to 5250	Pass		
			40	120	5214.080	5150 to 5250	Pass		
			50	120	5238.080	5150 to 5250	Pass		
		5755	20	102	5755.080	5725 to 5850	Pass		
				120	5755.040	5725 to 5850	Pass		
				138	5755.040	5725 to 5850	Pass		
			-30	120	5755.120	5725 to 5850	Pass		
			-20	120	5755.040	5725 to 5850	Pass		
			-10	120	5755.120	5725 to 5850	Pass		
			0	120	5755.160	5725 to 5850	Pass		
			10	120	5755.080	5725 to 5850	Pass		
			30	120	5755.080	5725 to 5850	Pass		
			40	120	5755.040	5725 to 5850	Pass		
			50	120	5755.120	5725 to 5850	Pass		
			5795	20	102	5795.040	5725 to 5850	Pass	
					120	5795.040	5725 to 5850	Pass	
					138	5795.040	5725 to 5850	Pass	
				-30	120	5795.040	5725 to 5850	Pass	
		-20		120	5795.160	5725 to 5850	Pass		
		-10		120	5795.040	5725 to 5850	Pass		
		0		120	5795.080	5725 to 5850	Pass		
		10		120	5795.080	5725 to 5850	Pass		
		30		120	5795.040	5725 to 5850	Pass		
		40		120	5795.080	5725 to 5850	Pass		
		50		120	5795.080	5725 to 5850	Pass		
		802.11ac (VHT20)		SISO	5745	20	102	5744.960	5725 to 5850
			120				5745.040	5725 to 5850	Pass
			138				5745.000	5725 to 5850	Pass
			-30			120	5744.980	5725 to 5850	Pass
			-20			120	5745.000	5725 to 5850	Pass
			-10			120	5745.020	5725 to 5850	Pass
			0			120	5745.000	5725 to 5850	Pass
			10			120	5744.960	5725 to 5850	Pass
			30			120	5745.000	5725 to 5850	Pass
			40			120	5745.000	5725 to 5850	Pass
			50			120	5745.000	5725 to 5850	Pass
5785	20		102			5784.960	5725 to 5850	Pass	
			120		5785.000	5725 to 5850	Pass		
			138		5785.040	5725 to 5850	Pass		
	-30		120		5785.000	5725 to 5850	Pass		
	-20		120		5785.000	5725 to 5850	Pass		
	-10		120		5785.020	5725 to 5850	Pass		
	0		120		5785.000	5725 to 5850	Pass		
	10		120		5785.020	5725 to 5850	Pass		
	30		120		5784.980	5725 to 5850	Pass		
	40		120		5784.980	5725 to 5850	Pass		

			50	120	5785.020	5725 to 5850	Pass
		5825	20	102	5824.980	5725 to 5850	Pass
				120	5824.940	5725 to 5850	Pass
			138	5824.960	5725 to 5850	Pass	
			-30	120	5824.960	5725 to 5850	Pass
			-20	120	5824.980	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5825.000	5725 to 5850	Pass
			10	120	5825.020	5725 to 5850	Pass
			30	120	5824.980	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
		50	120	5825.000	5725 to 5850	Pass	
		5180	20	102	5180.020	5150 to 5250	Pass
				120	5180.060	5150 to 5250	Pass
				138	5180.060	5150 to 5250	Pass
			-30	120	5179.980	5150 to 5250	Pass
			-20	120	5180.080	5150 to 5250	Pass
			-10	120	5180.040	5150 to 5250	Pass
			0	120	5180.020	5150 to 5250	Pass
			10	120	5180.060	5150 to 5250	Pass
			30	120	5180.040	5150 to 5250	Pass
			40	120	5180.060	5150 to 5250	Pass
		50	120	5180.020	5150 to 5250	Pass	
		5200	20	102	5200.020	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				138	5199.980	5150 to 5250	Pass
			-30	120	5200.000	5150 to 5250	Pass
			-20	120	5199.960	5150 to 5250	Pass
			-10	120	5200.060	5150 to 5250	Pass
			0	120	5200.060	5150 to 5250	Pass
			10	120	5200.000	5150 to 5250	Pass
			30	120	5200.020	5150 to 5250	Pass
			40	120	5199.960	5150 to 5250	Pass
		50	120	5200.080	5150 to 5250	Pass	
802.11ac (VHT40)	SISO	5755	20	102	5755.120	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5240	20	102	5240.000	5150 to 5250	Pass
				120	5240.040	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5755	20	120	5755.000	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5240	20	138	5240.020	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5755	20	138	5755.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5240	-30	120	5239.980	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5755	-30	120	5755.040	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5240	-20	120	5239.980	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5755	-20	120	5755.120	5725 to 5850	Pass
				120	5755.040	5725 to 5850	Pass
802.11ac	SISO	5240	-10	120	5240.000	5150 to 5250	Pass

SHENZHEN EU TESTING LABORATORY LIMITED

(VHT20)			0	120	5240.000	5150 to 5250	Pass	
802.11ac (VHT40)	SISO	5755	0	120	5755.080	5725 to 5850	Pass	
			10	120	5755.040	5725 to 5850	Pass	
802.11ac (VHT20)	SISO	5240	10	120	5240.060	5150 to 5250	Pass	
802.11ac (VHT40)	SISO	5755	30	120	5755.040	5725 to 5850	Pass	
802.11ac (VHT20)	SISO	5240	30	120	5239.980	5150 to 5250	Pass	
802.11ac (VHT40)	SISO	5755	40	120	5755.040	5725 to 5850	Pass	
802.11ac (VHT20)	SISO	5240	40	120	5239.960	5150 to 5250	Pass	
802.11ac (VHT40)	SISO	5755	50	120	5755.080	5725 to 5850	Pass	
802.11ac (VHT20)	SISO	5240	50	120	5240.040	5150 to 5250	Pass	
802.11ac (VHT40)	SISO	5795	20	102	5795.040	5725 to 5850	Pass	
		5190	20	102	5190.080	5150 to 5250	Pass	
		5795	20	120	5795.040	5725 to 5850	Pass	
				138	5795.040	5725 to 5850	Pass	
		5190	20	120	5190.080	5150 to 5250	Pass	
		5795	-30	120	5795.040	5725 to 5850	Pass	
		5190	20	138	5190.120	5150 to 5250	Pass	
				-30	120	5190.080	5150 to 5250	Pass
		5795	-20	120	5795.040	5725 to 5850	Pass	
		5190	-20	120	5190.080	5150 to 5250	Pass	
		5795	-10	120	5795.080	5725 to 5850	Pass	
		5190	-10	120	5190.120	5150 to 5250	Pass	
		5795	0	120	5795.080	5725 to 5850	Pass	
		5190	0	120	5190.080	5150 to 5250	Pass	
		5795	10	120	5795.080	5725 to 5850	Pass	
				30	5795.080	5725 to 5850	Pass	
		5190	10	120	5190.080	5150 to 5250	Pass	
		5795	40	120	5795.080	5725 to 5850	Pass	
		5190	30	120	5190.120	5150 to 5250	Pass	
		5795	50	120	5795.040	5725 to 5850	Pass	
		5190	40	120	5190.040	5150 to 5250	Pass	
				50	120	5190.040	5150 to 5250	Pass
		5230	20	102	5230.040	5150 to 5250	Pass	
				120	5230.080	5150 to 5250	Pass	
				138	5230.040	5150 to 5250	Pass	
				-30	120	5230.040	5150 to 5250	Pass
				-20	120	5230.040	5150 to 5250	Pass
				-10	120	5230.040	5150 to 5250	Pass
0	120			5230.040	5150 to 5250	Pass		
10	120			5230.040	5150 to 5250	Pass		
30	120			5230.080	5150 to 5250	Pass		
40	120			5230.040	5150 to 5250	Pass		
50	120	5230.080	5150 to 5250	Pass				
802.11ac (VHT80)	SISO	5775	20	102	5775.075	5725 to 5850	Pass	
		5210	20	102	5210.075	5150 to 5250	Pass	
120	5210.000			5150 to 5250	Pass			

SHENZHEN EU TESTING LABORATORY LIMITED

		5775	20	120	5775.075	5725 to 5850	Pass
				138	5775.075	5725 to 5850	Pass
		5210	20	138	5210.075	5150 to 5250	Pass
		5775	-30	120	5775.075	5725 to 5850	Pass
		5210	-30	120	5210.150	5150 to 5250	Pass
				120	5210.075	5150 to 5250	Pass
		5775	-20	120	5775.075	5725 to 5850	Pass
				120	5775.150	5725 to 5850	Pass
		5210	-10	120	5210.000	5150 to 5250	Pass
				120	5210.150	5150 to 5250	Pass
		5775	0	120	5775.075	5725 to 5850	Pass
		5210	10	120	5210.075	5150 to 5250	Pass
		5775	10	120	5775.075	5725 to 5850	Pass
				120	5775.075	5725 to 5850	Pass
		5210	30	120	5210.150	5150 to 5250	Pass
		5775	40	120	5775.075	5725 to 5850	Pass
		5210	40	120	5210.075	5150 to 5250	Pass
		5775	50	120	5775.075	5725 to 5850	Pass
5210	50	120	5210.075	5150 to 5250	Pass		

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