

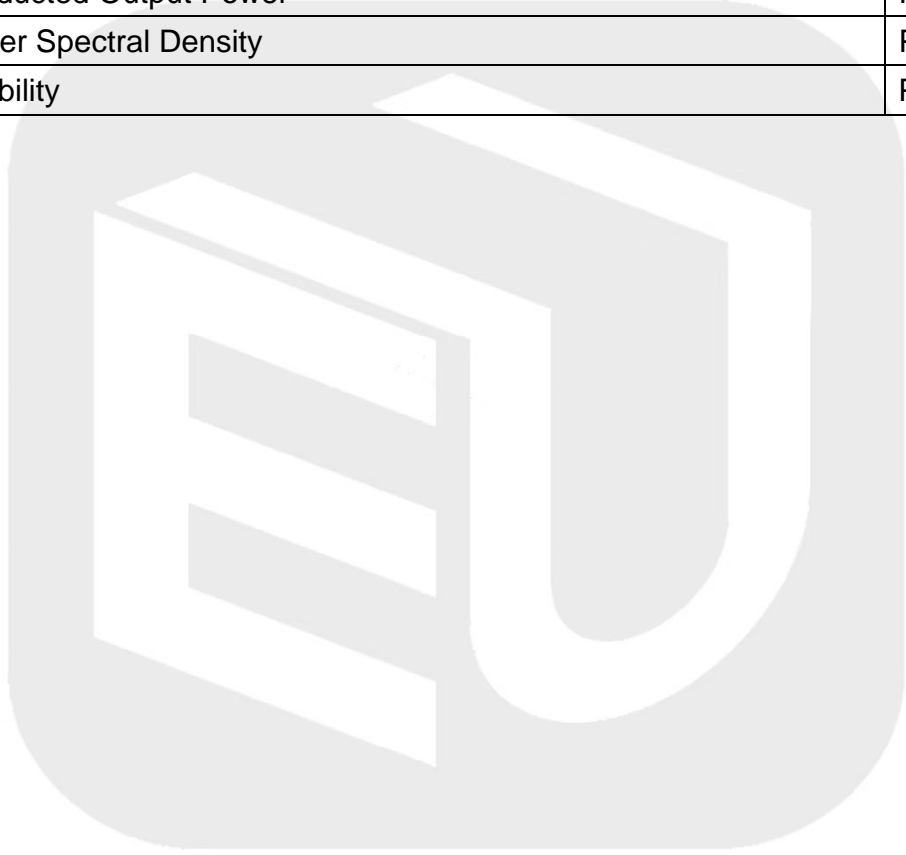
ANNEX G TEST DATA

For

Project No.:	8229EU012502W
Client:	Chengdu Hotack Technology Co., Ltd.
Product Description:	PROJECTOR
Model No.:	L007CM
FCC ID:	2BFIZ-L007CM
Technology:	WiFi 5G
Test Engineer:	<i>Mikoy zhu</i>
Test Date:	2024-07-12

Test Summary

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



1. Duty Cycle

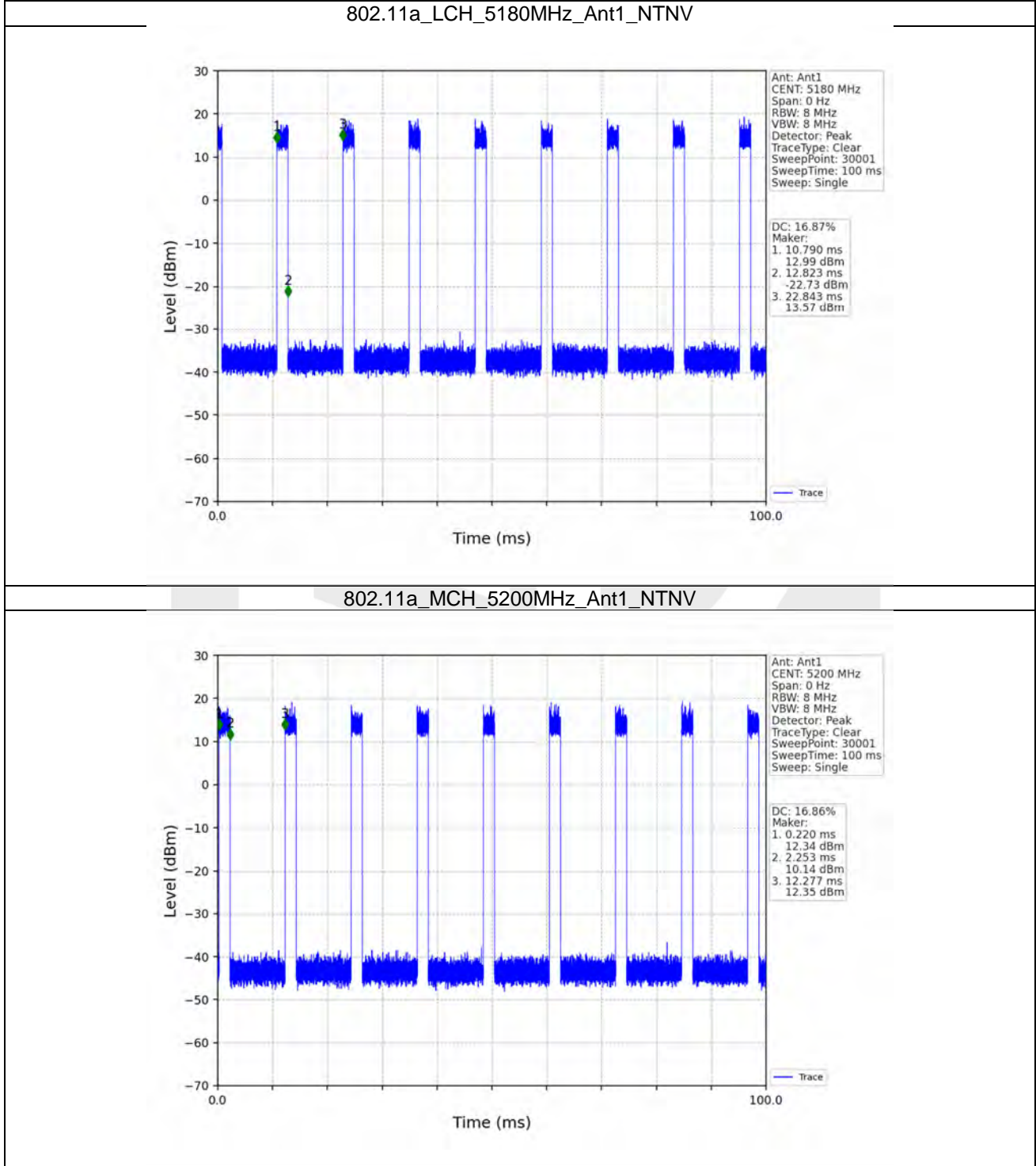
1.1 Test Result

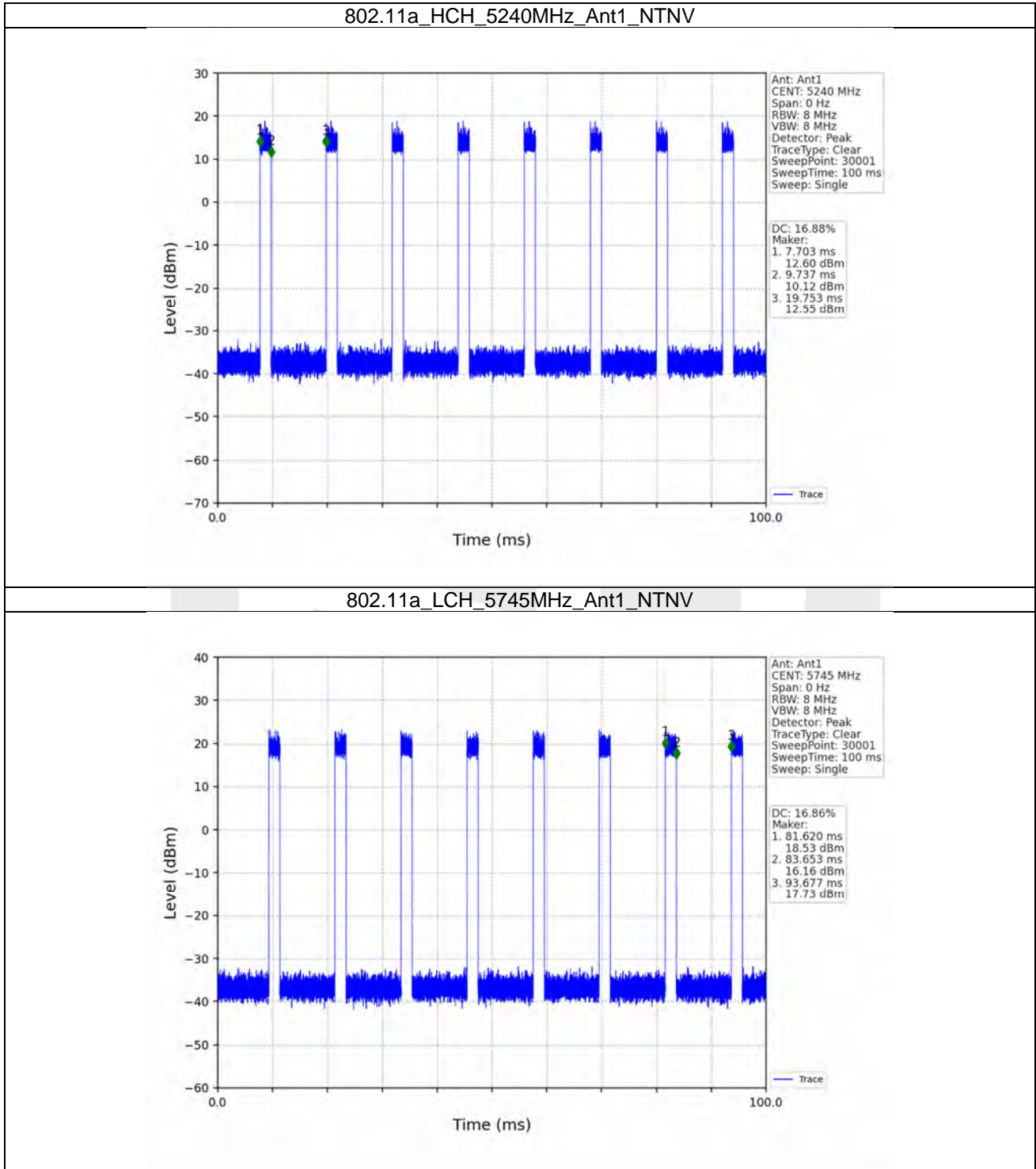
1.1.1 Ant1

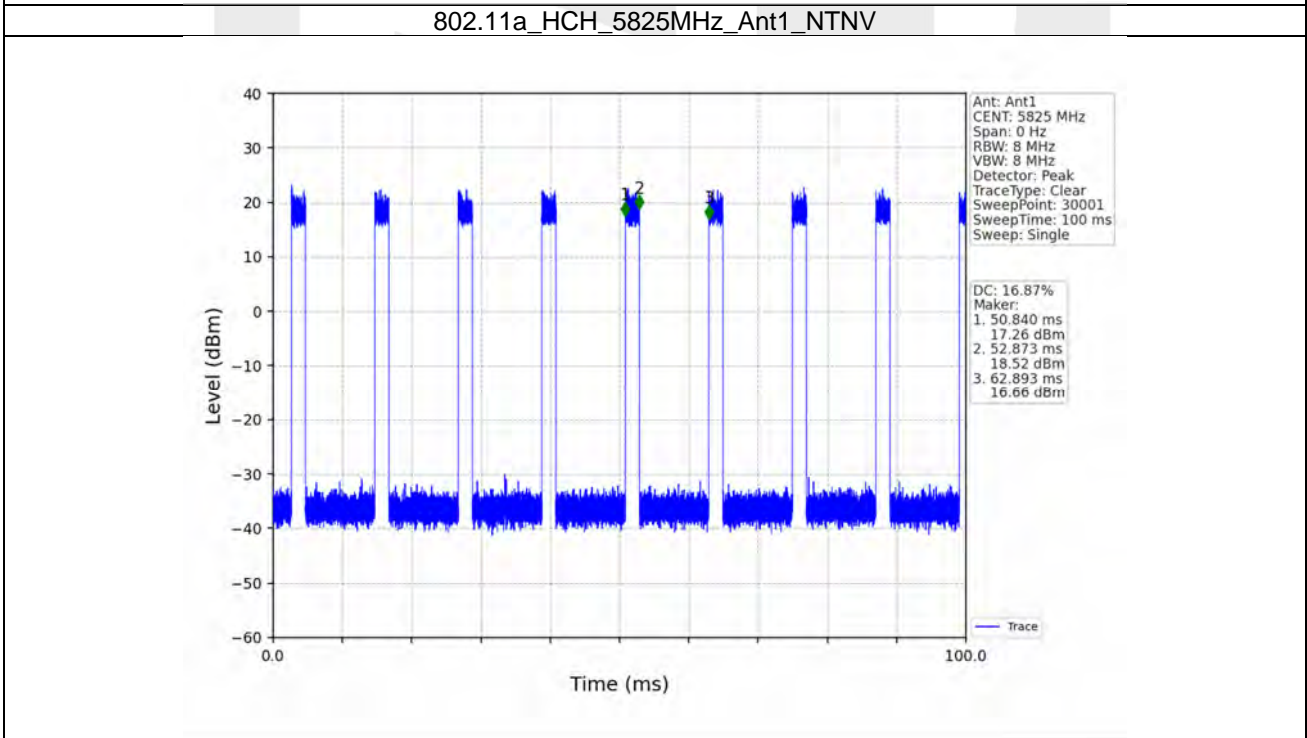
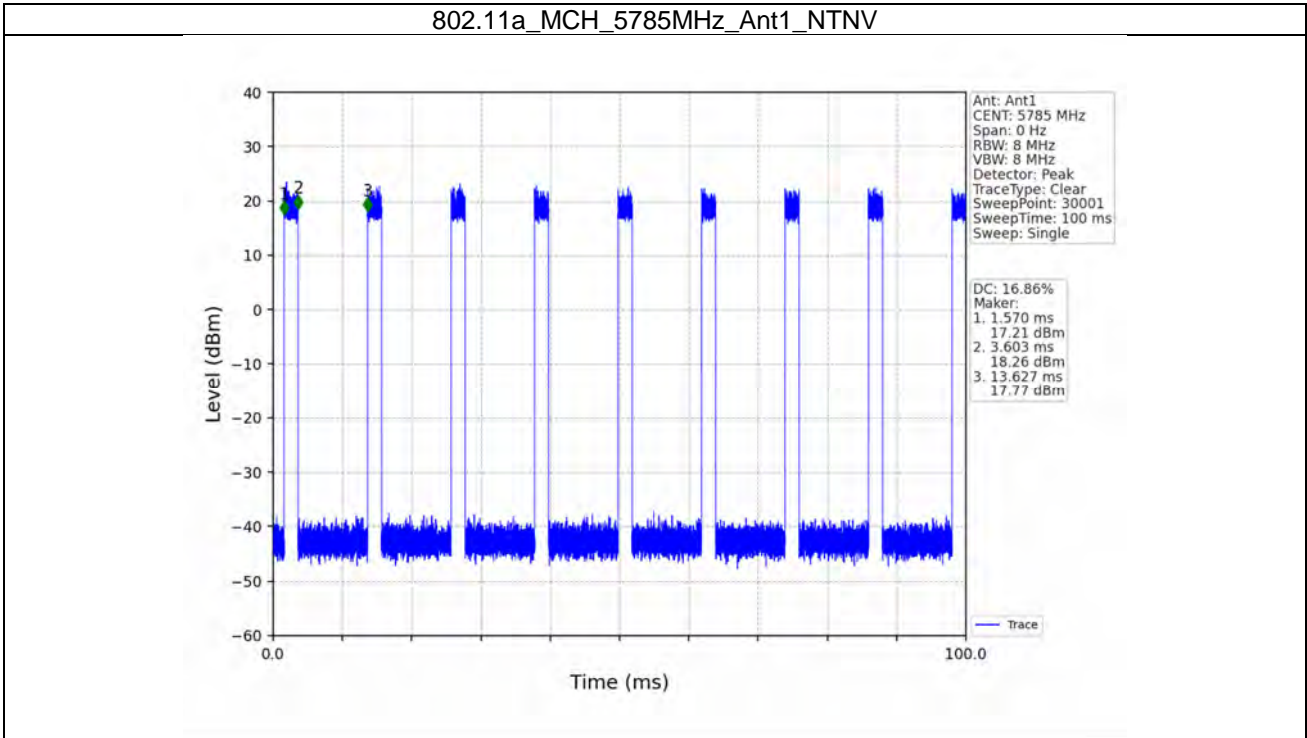
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	2.033	12.053	16.87	7.73	0.03
		5200	/	/	2.033	12.057	16.86	7.73	0.03
		5240	/	/	2.034	12.050	16.88	7.73	0.03
		5745	/	/	2.033	12.057	16.86	7.73	0.01
		5785	/	/	2.033	12.057	16.86	7.73	0.04
		5825	/	/	2.033	12.053	16.87	7.73	0.03
802.11n (HT20)	SISO	5180	/	/	1.893	11.917	15.88	7.99	0.03
		5200	/	/	1.893	11.916	15.89	7.99	0.03
		5240	/	/	1.893	11.910	15.89	7.99	0.03
		5745	/	/	1.894	11.914	15.90	7.99	0.02
		5785	/	/	1.893	11.916	15.89	7.99	0.03
		5825	/	/	1.893	11.913	15.89	7.99	0.03
802.11n (HT40)	SISO	5190	/	/	0.934	10.954	8.53	10.69	0.03
		5230	/	/	0.933	10.950	8.52	10.70	0.00
		5755	/	/	0.934	10.950	8.53	10.69	0.03
		5795	/	/	0.933	11.150	8.37	10.77	0.18
802.11ac (VHT20)	SISO	5180	/	/	1.900	11.917	15.94	7.97	0.03
		5200	/	/	1.903	11.923	15.96	7.97	0.00
		5240	/	/	1.900	11.916	15.94	7.97	0.03
		5745	/	/	1.900	11.916	15.94	7.97	0.03
		5785	/	/	1.900	11.923	15.94	7.98	0.04
		5825	/	/	1.900	11.920	15.94	7.98	0.03
802.11ac (VHT40)	SISO	5190	/	/	0.937	10.954	8.55	10.68	0.03
		5230	/	/	0.937	11.484	8.16	10.88	0.43
		5755	/	/	0.936	10.956	8.54	10.68	0.03
		5795	/	/	0.937	11.143	8.41	10.75	0.18

1.2 Test Graph

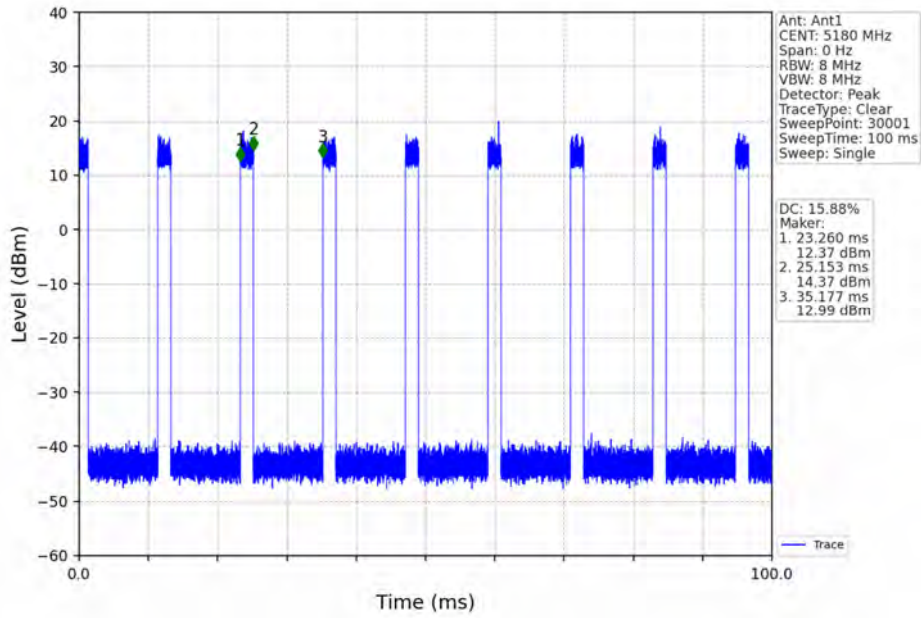
1.2.1 Ant1



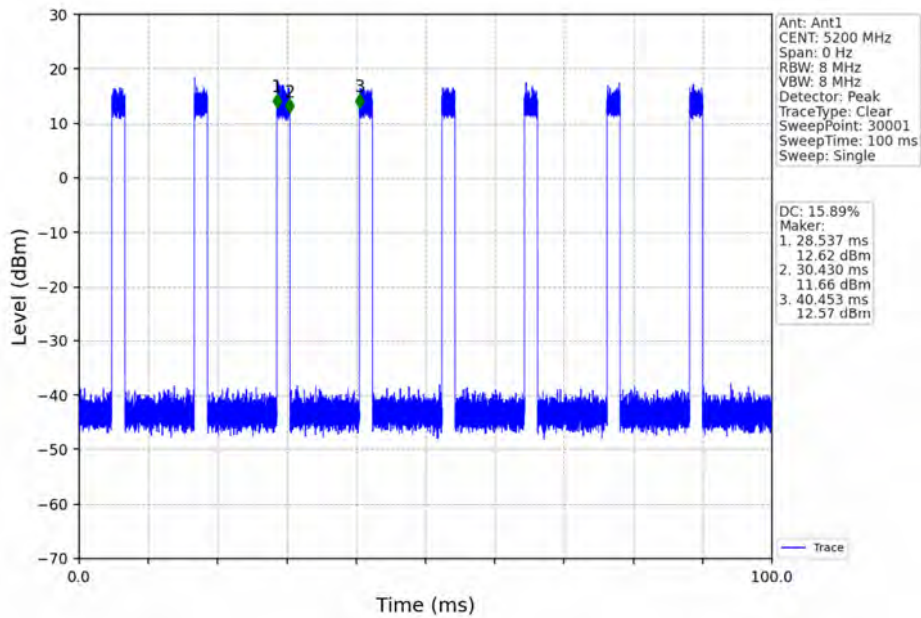


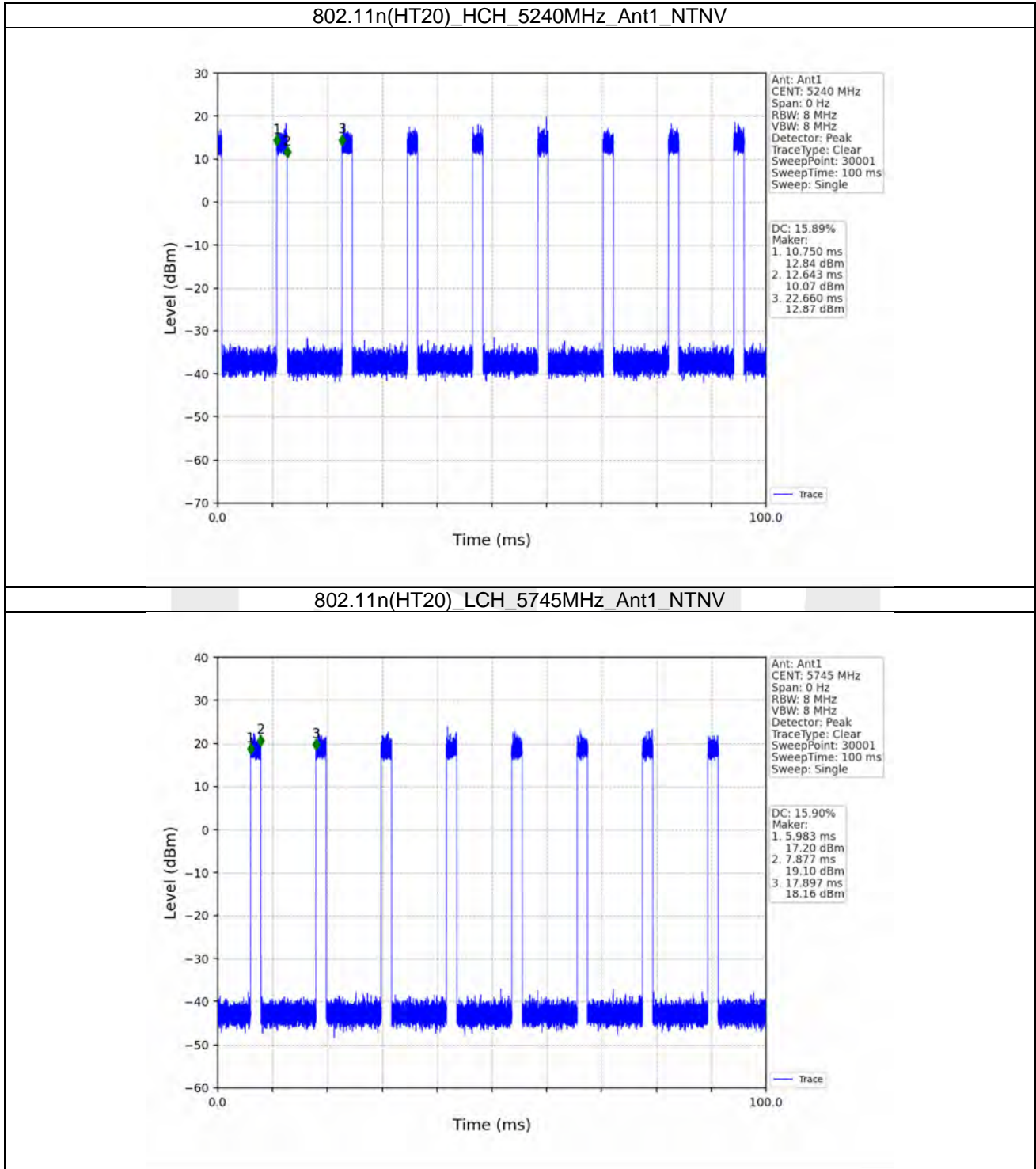


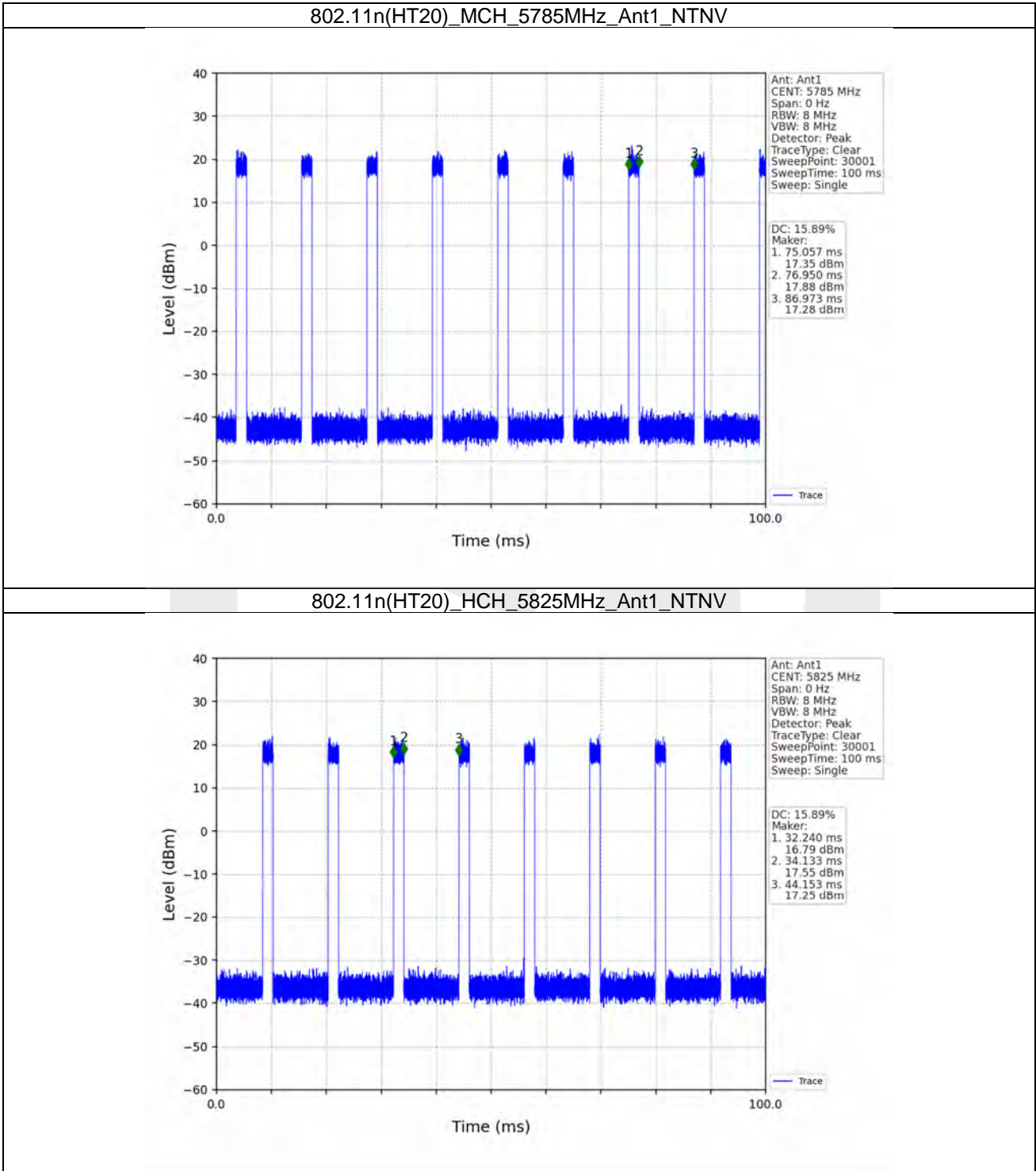
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

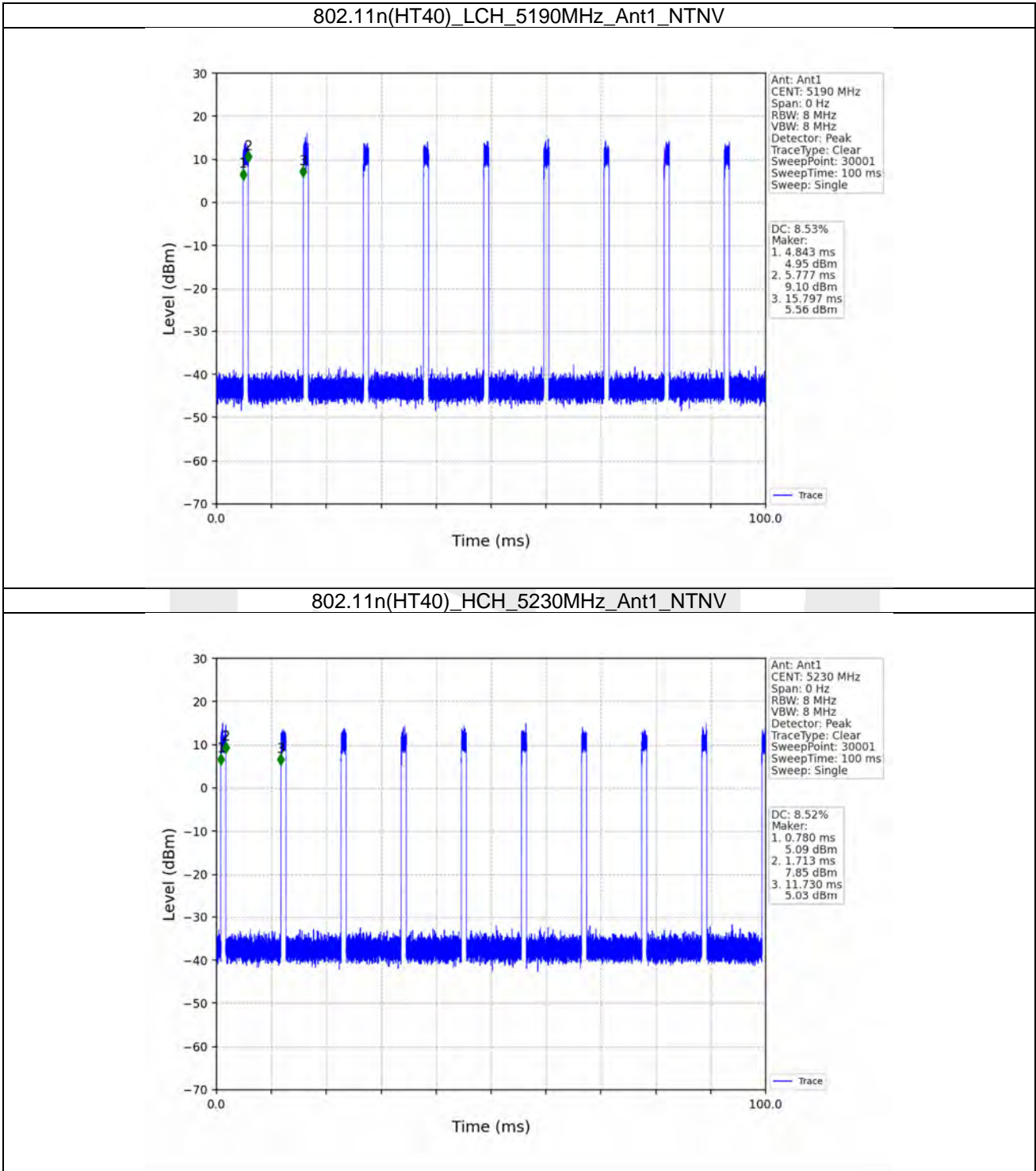


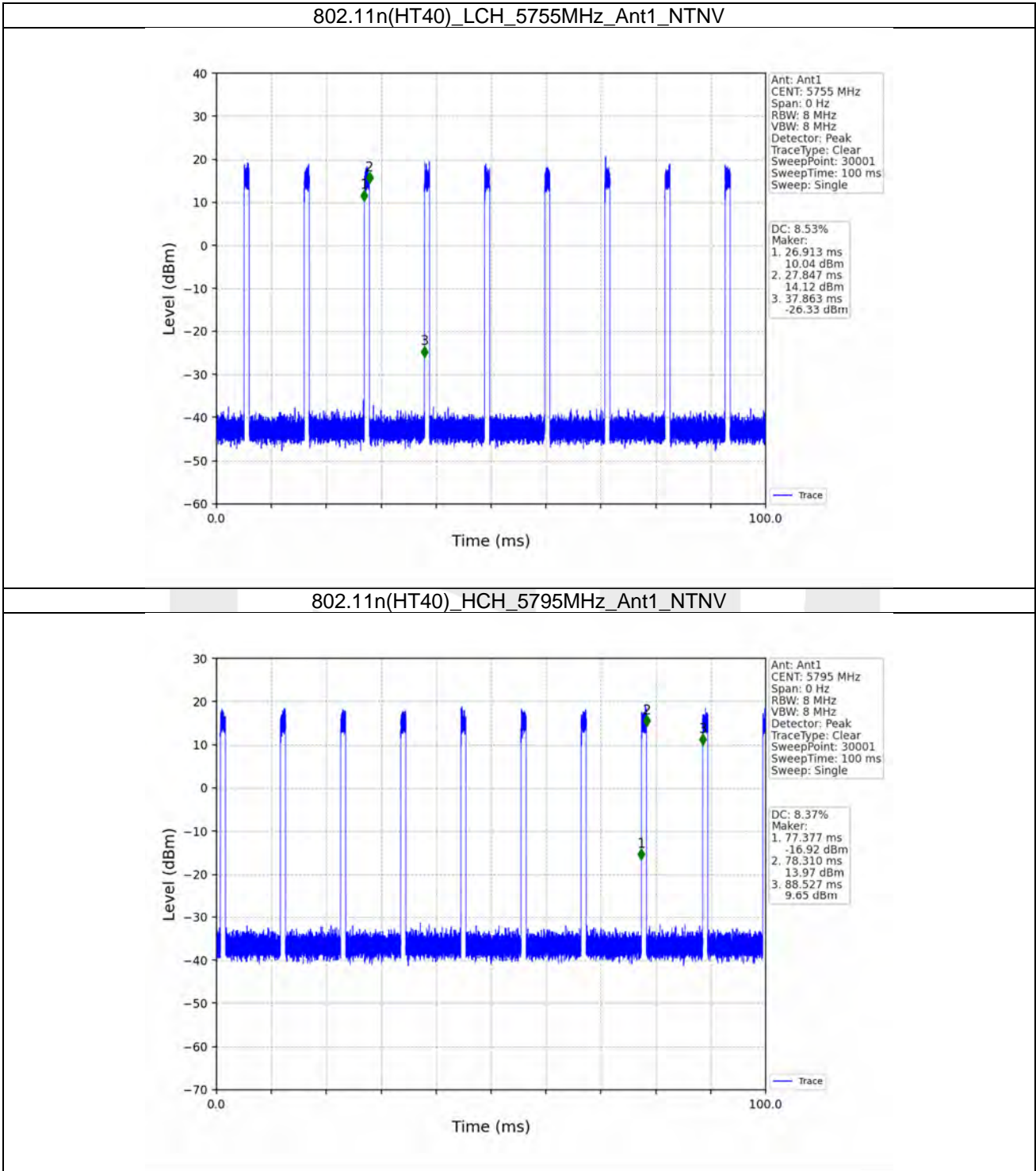
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



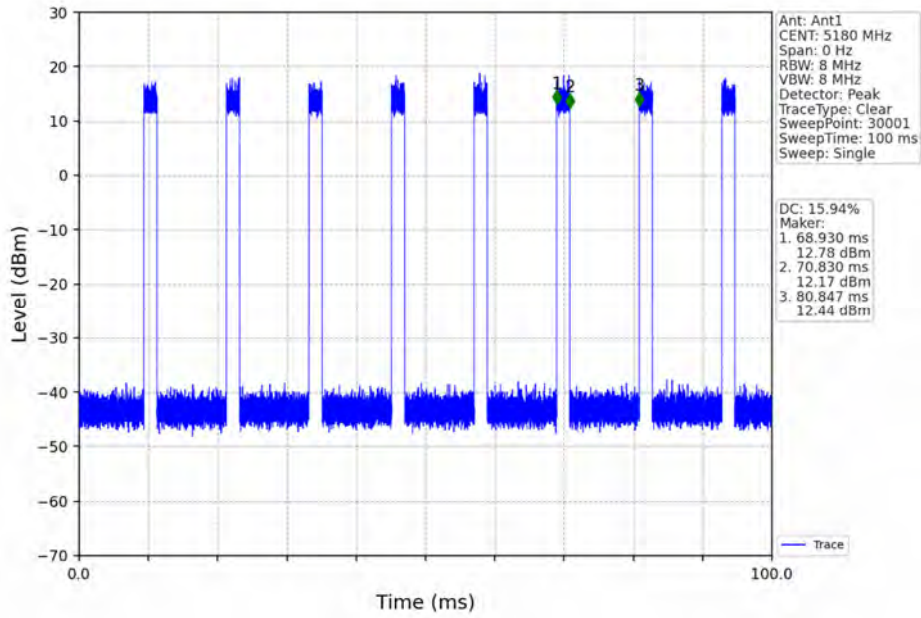




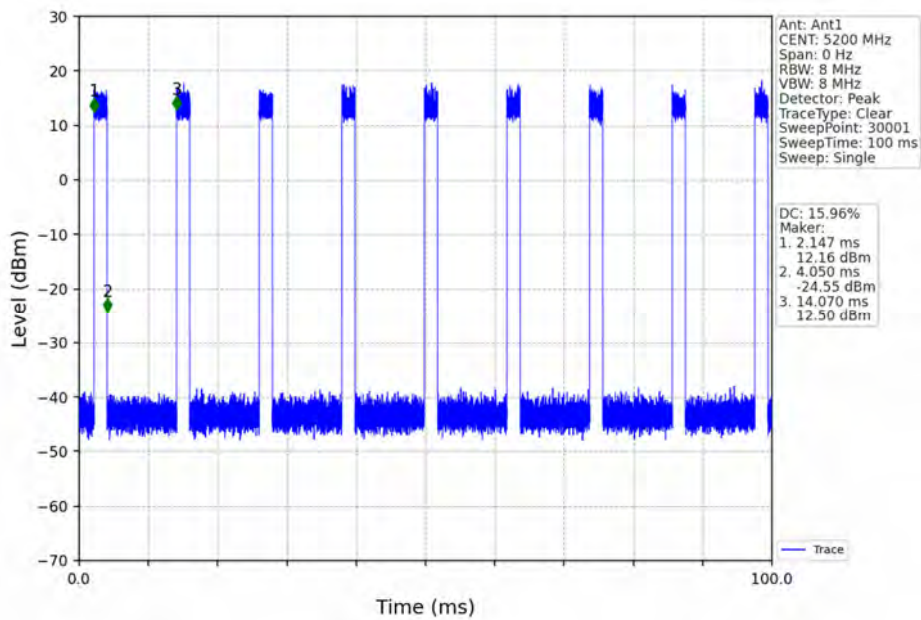


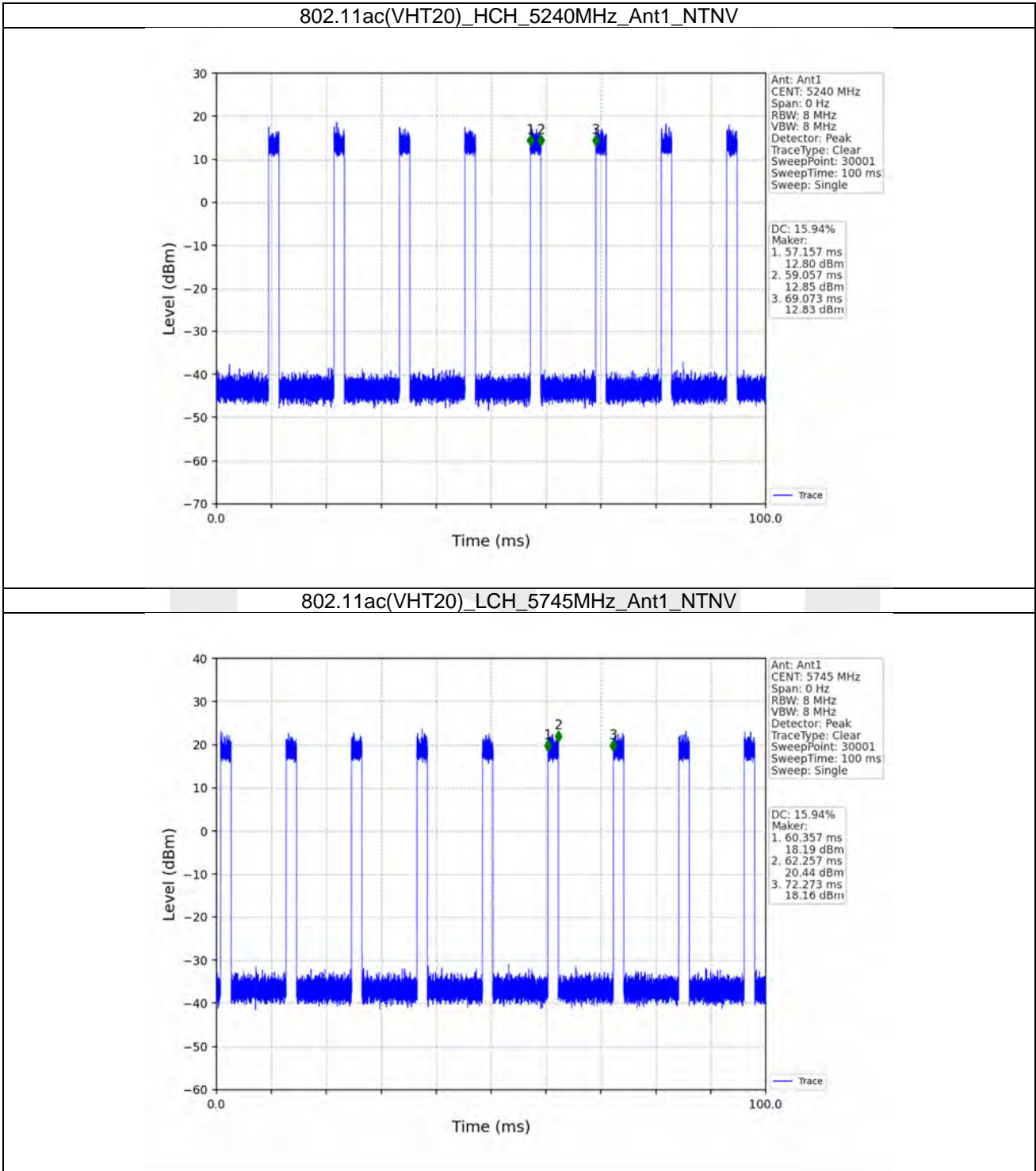


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

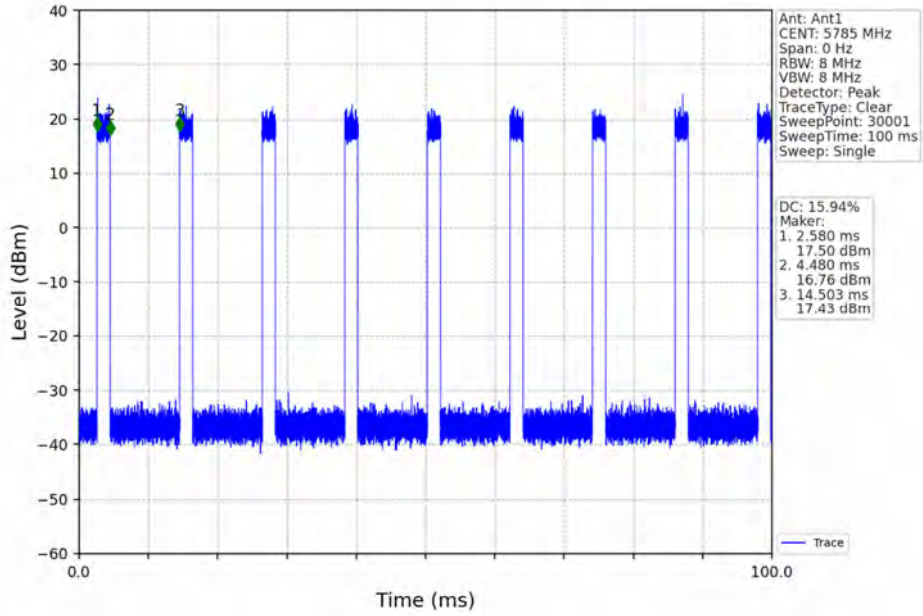


802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

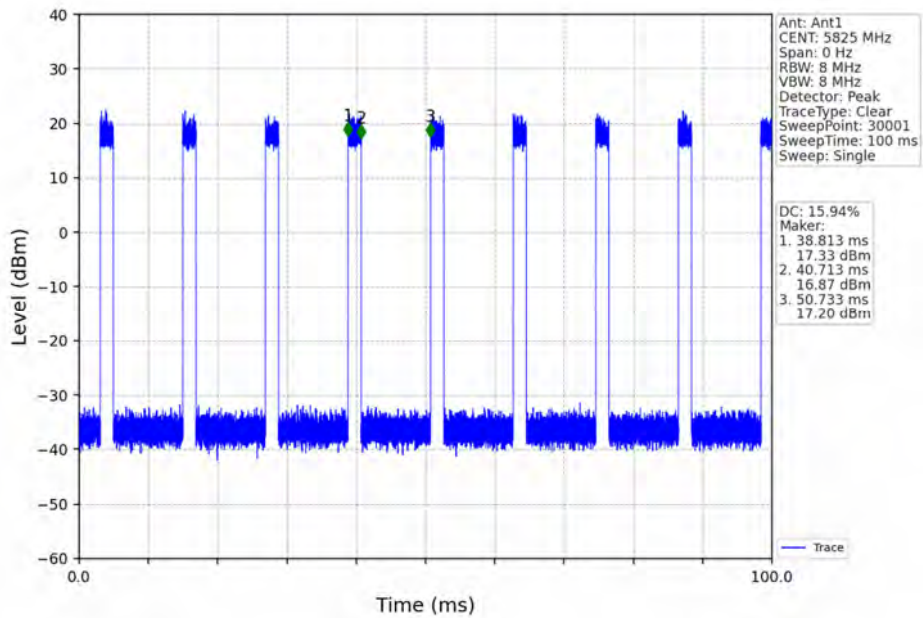


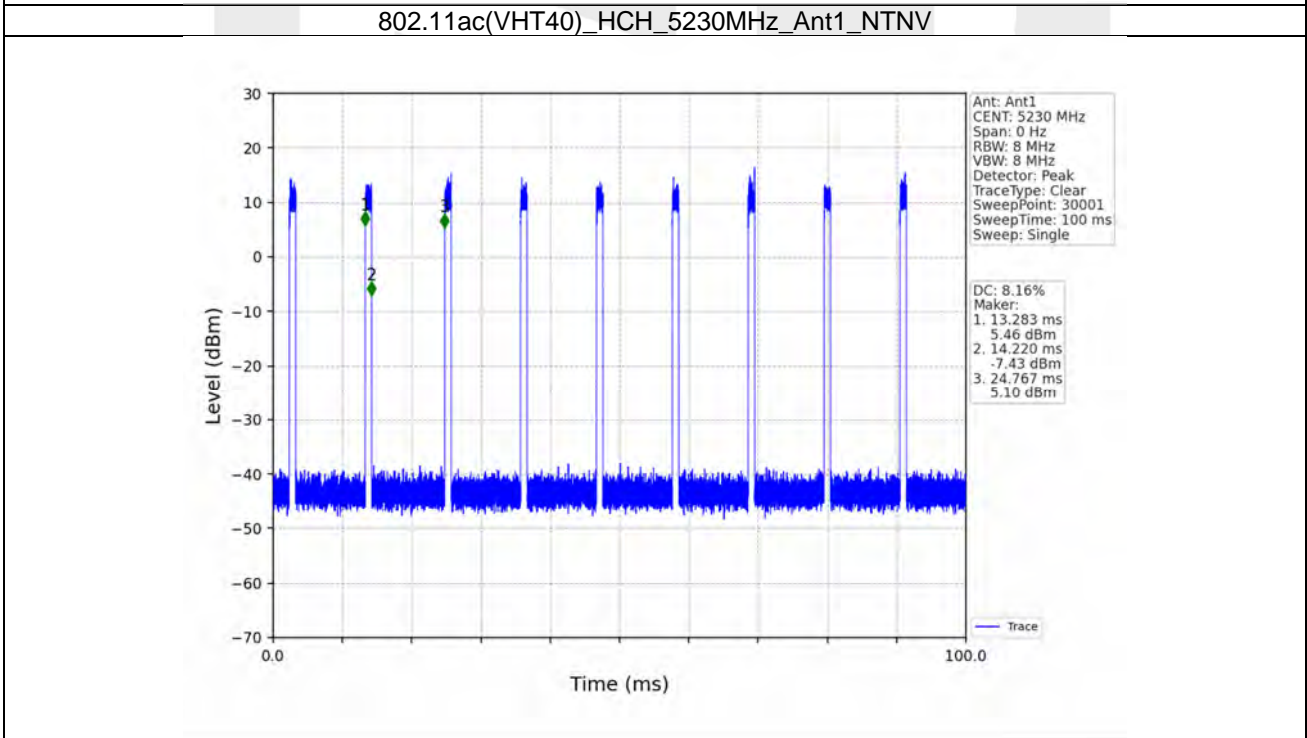
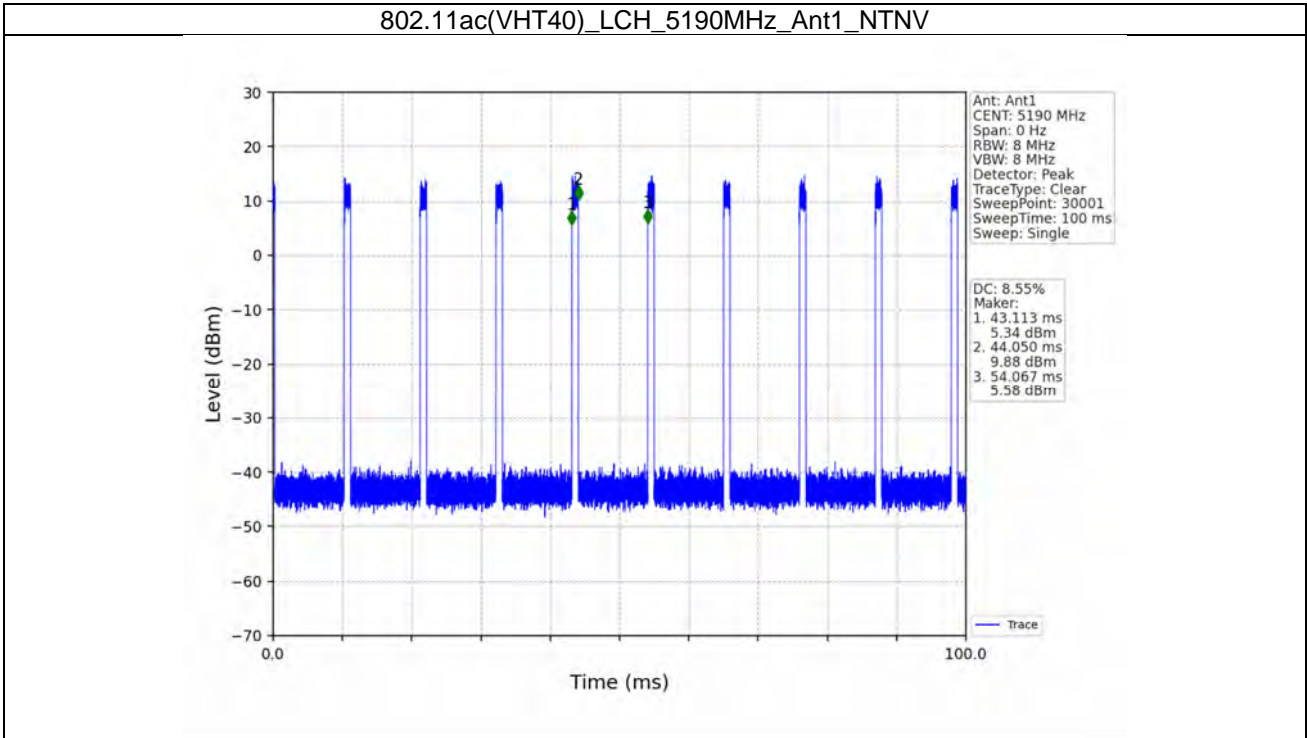


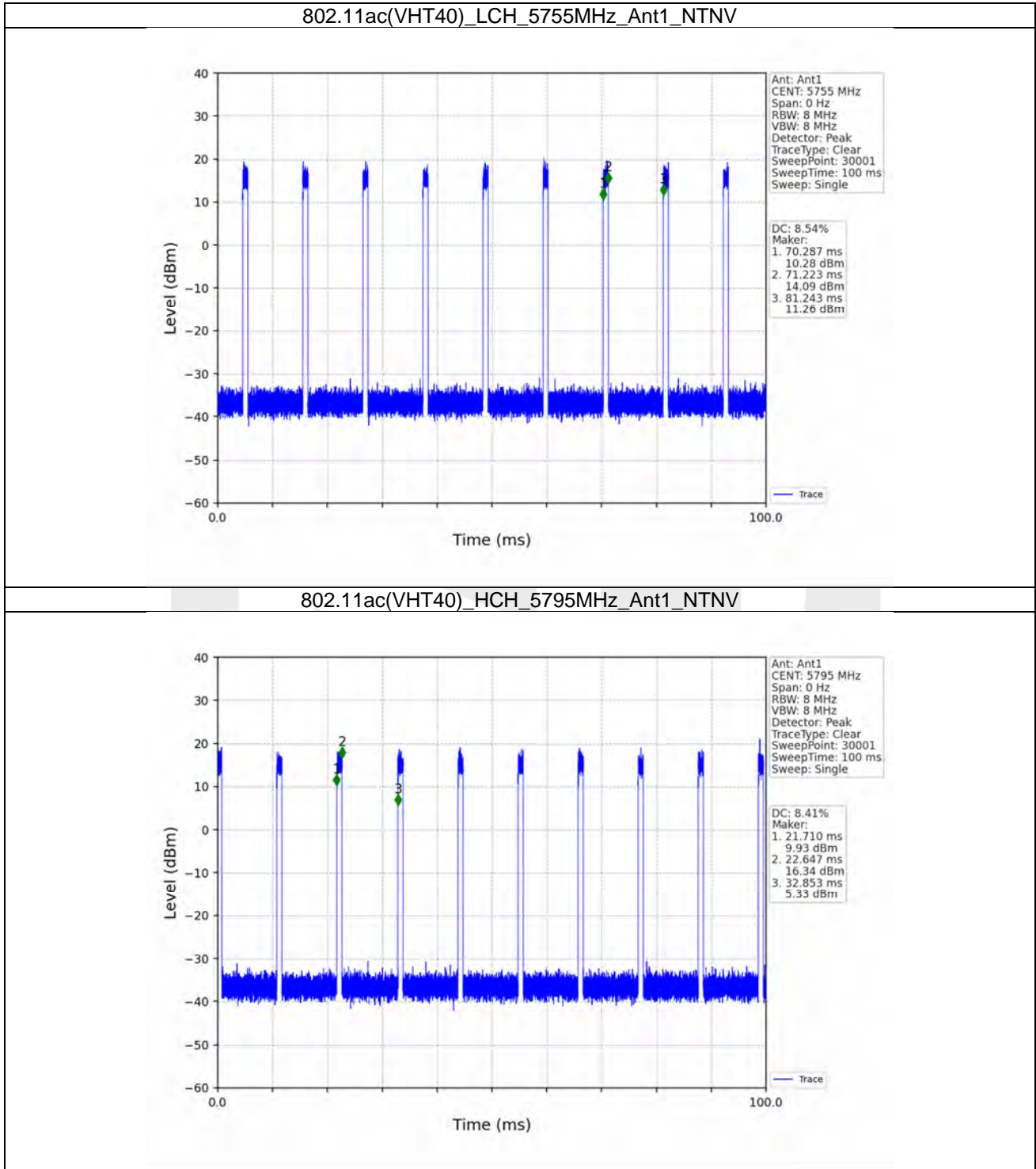
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV







2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	18.395	/	Pass
		5200	/	/	1	18.473	/	Pass
		5240	/	/	1	18.094	/	Pass
		5745	/	/	1	18.988	/	Pass
		5785	/	/	1	18.849	/	Pass
		5825	/	/	1	19.002	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	19.377	/	Pass
		5200	/	/	1	19.367	/	Pass
		5240	/	/	1	19.588	/	Pass
		5745	/	/	1	19.843	/	Pass
		5785	/	/	1	19.774	/	Pass
		5825	/	/	1	19.876	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	37.425	/	Pass
		5230	/	/	1	37.489	/	Pass
		5755	/	/	1	38.094	/	Pass
		5795	/	/	1	38.179	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	19.331	/	Pass
		5200	/	/	1	19.356	/	Pass
		5240	/	/	1	19.296	/	Pass
		5745	/	/	1	19.689	/	Pass
		5785	/	/	1	19.852	/	Pass
		5825	/	/	1	19.850	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	37.460	/	Pass
		5230	/	/	1	37.554	/	Pass
		5755	/	/	1	38.266	/	Pass
		5795	/	/	1	38.271	/	Pass

2.1.2 6dB BW

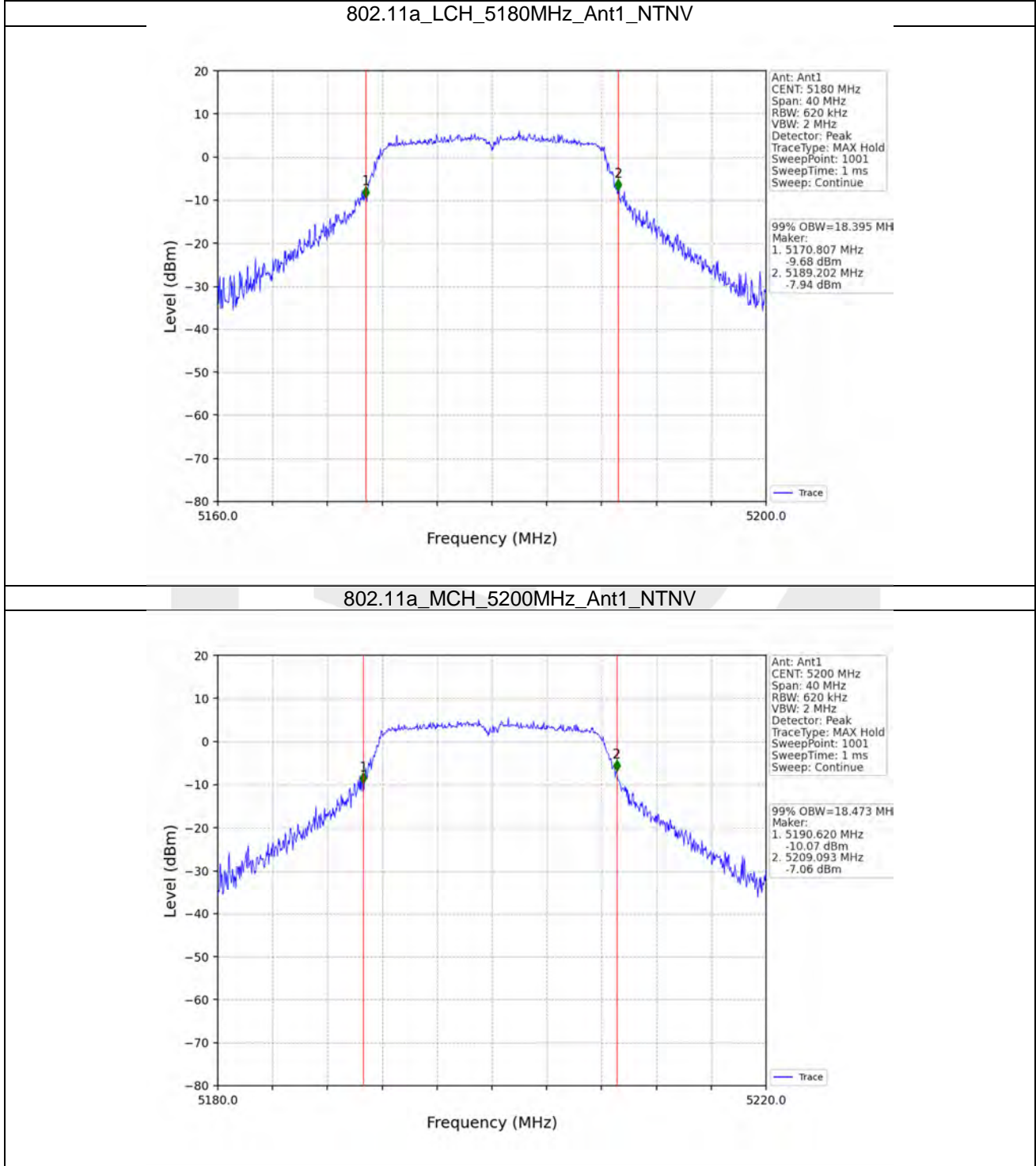
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.442	>=0.5	Pass
		5785	/	/	1	16.416	>=0.5	Pass
		5825	/	/	1	16.406	>=0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.640	>=0.5	Pass
		5785	/	/	1	17.638	>=0.5	Pass
		5825	/	/	1	17.650	>=0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.403	>=0.5	Pass
		5795	/	/	1	36.400	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.654	>=0.5	Pass
		5785	/	/	1	17.640	>=0.5	Pass
		5825	/	/	1	17.628	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.388	>=0.5	Pass
		5795	/	/	1	36.407	>=0.5	Pass

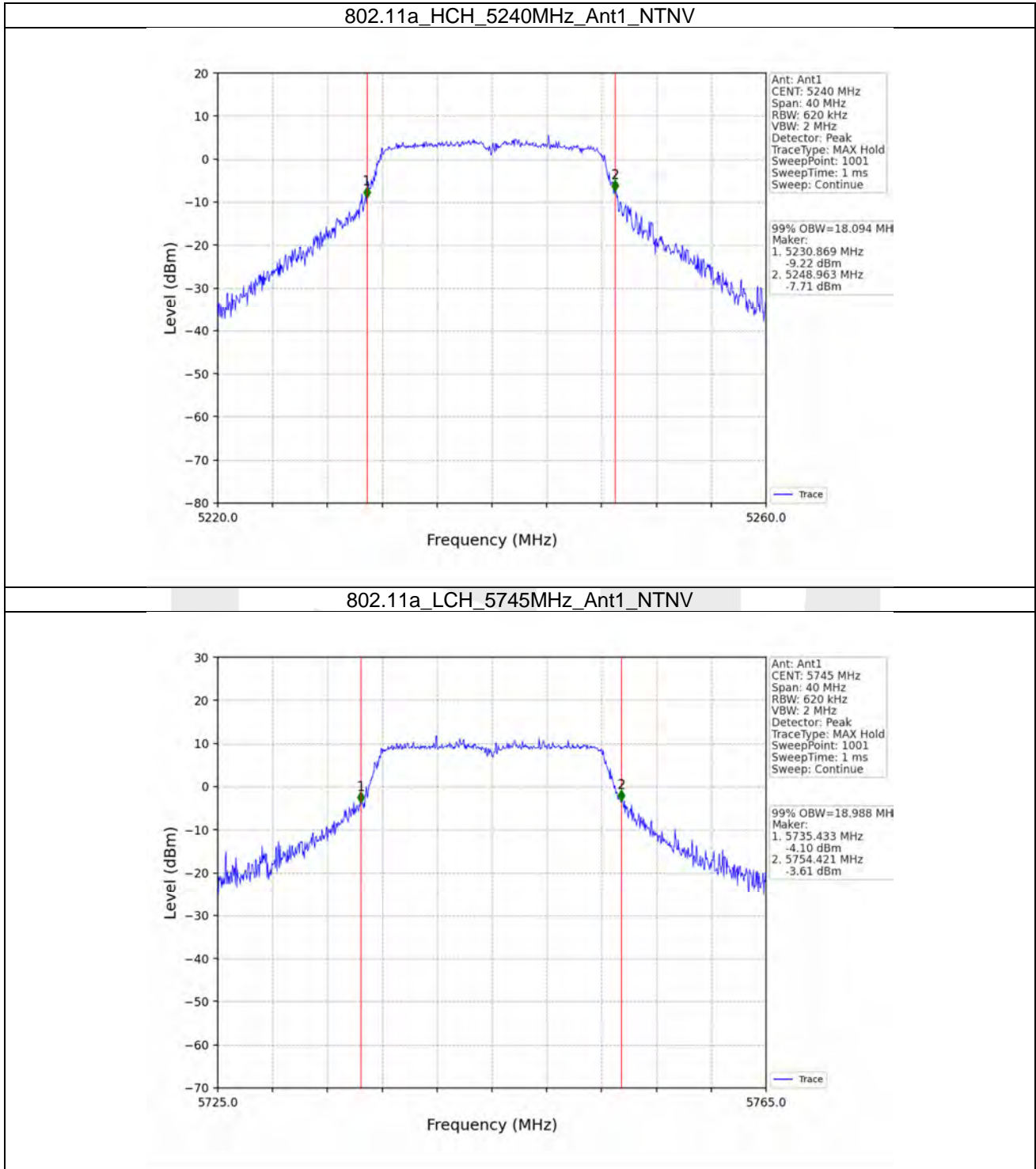
2.1.3 26dB BW

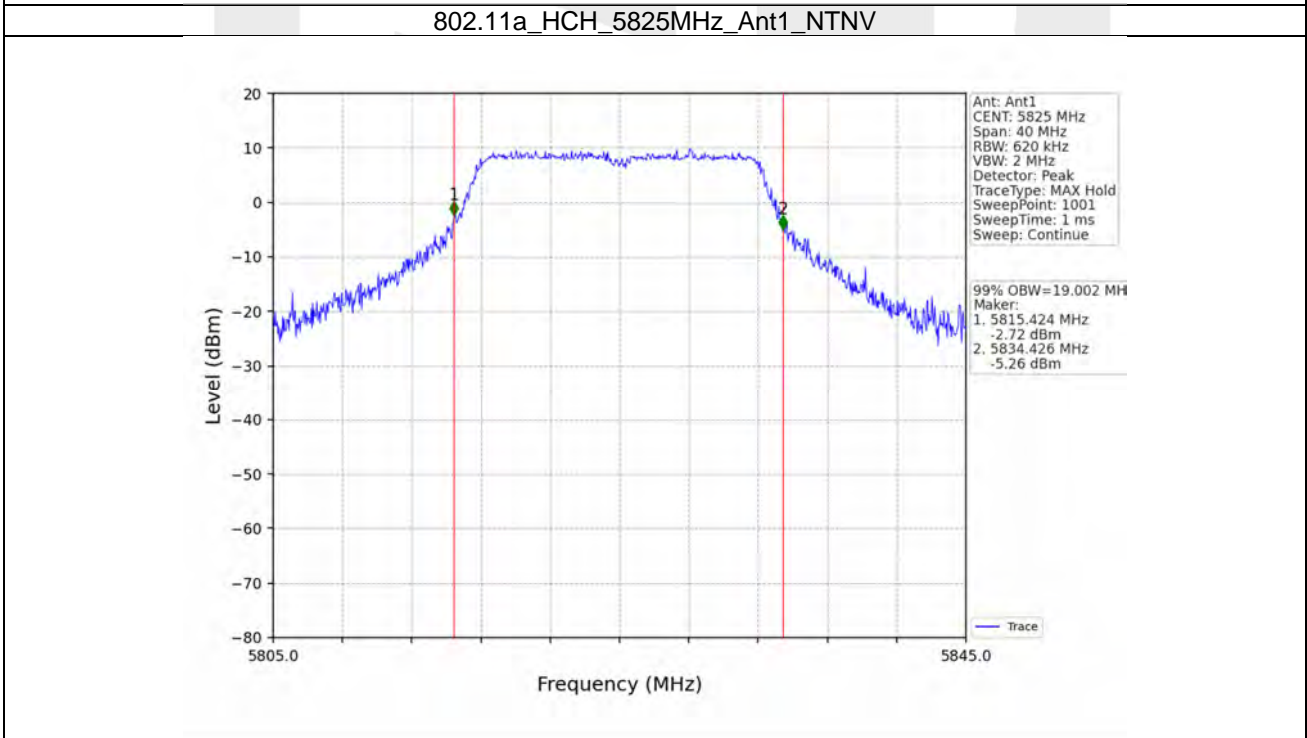
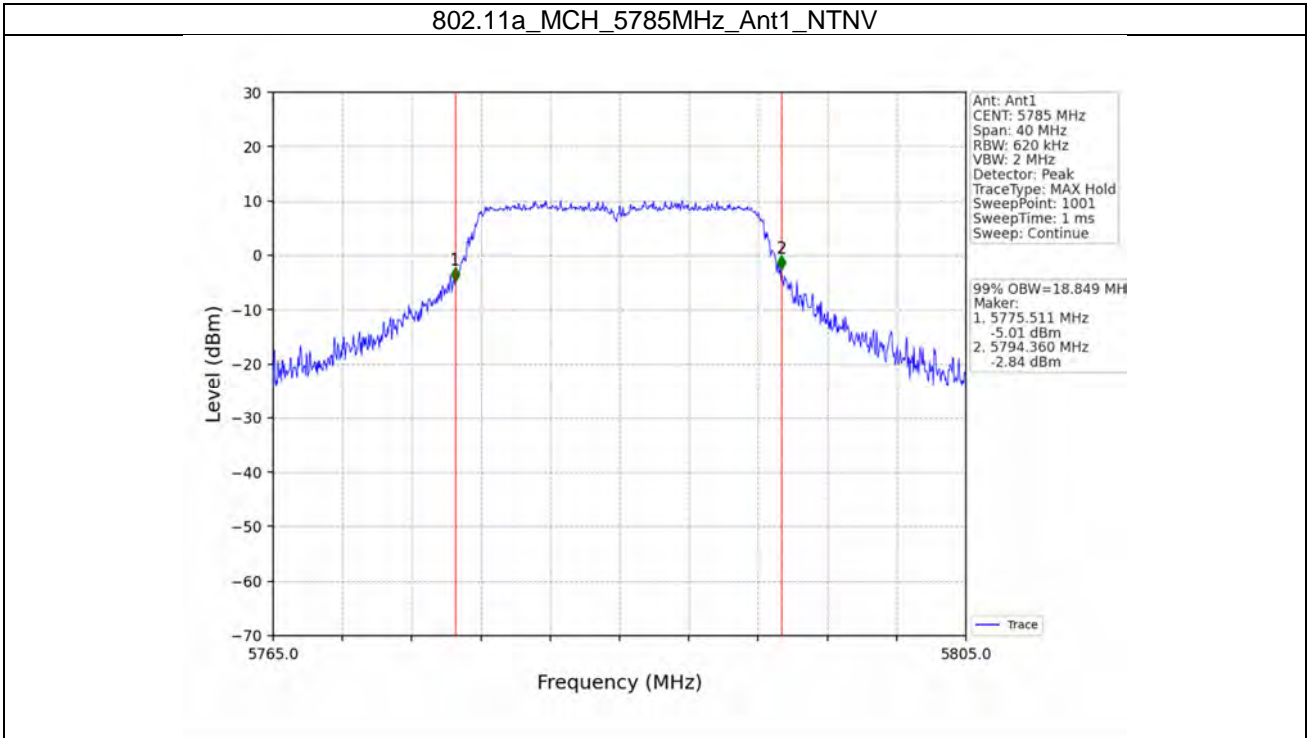
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	23.735	/	Pass
		5200	/	/	1	24.166	/	Pass
		5240	/	/	1	23.008	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	24.855	/	Pass
		5200	/	/	1	24.662	/	Pass
		5240	/	/	1	25.450	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	44.360	/	Pass
		5230	/	/	1	45.201	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	25.286	/	Pass
		5200	/	/	1	24.909	/	Pass
		5240	/	/	1	24.060	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	46.012	/	Pass
		5230	/	/	1	45.442	/	Pass

2.2 Test Graph

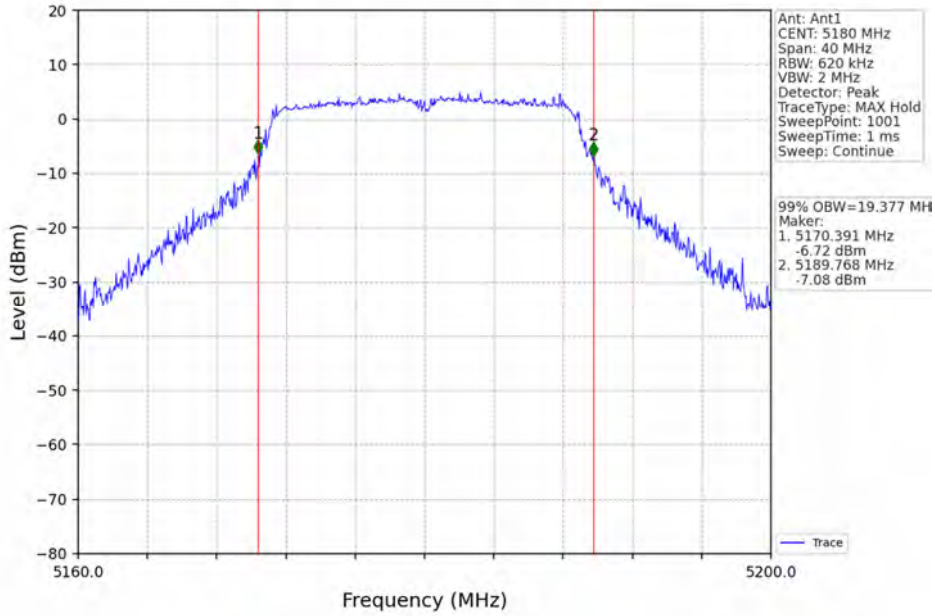
2.2.1 OBW



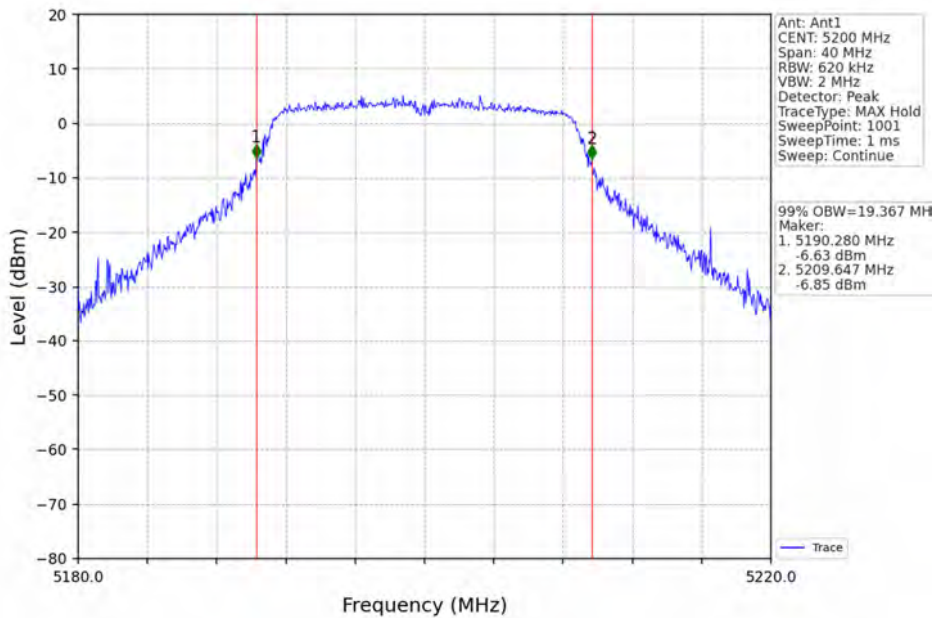


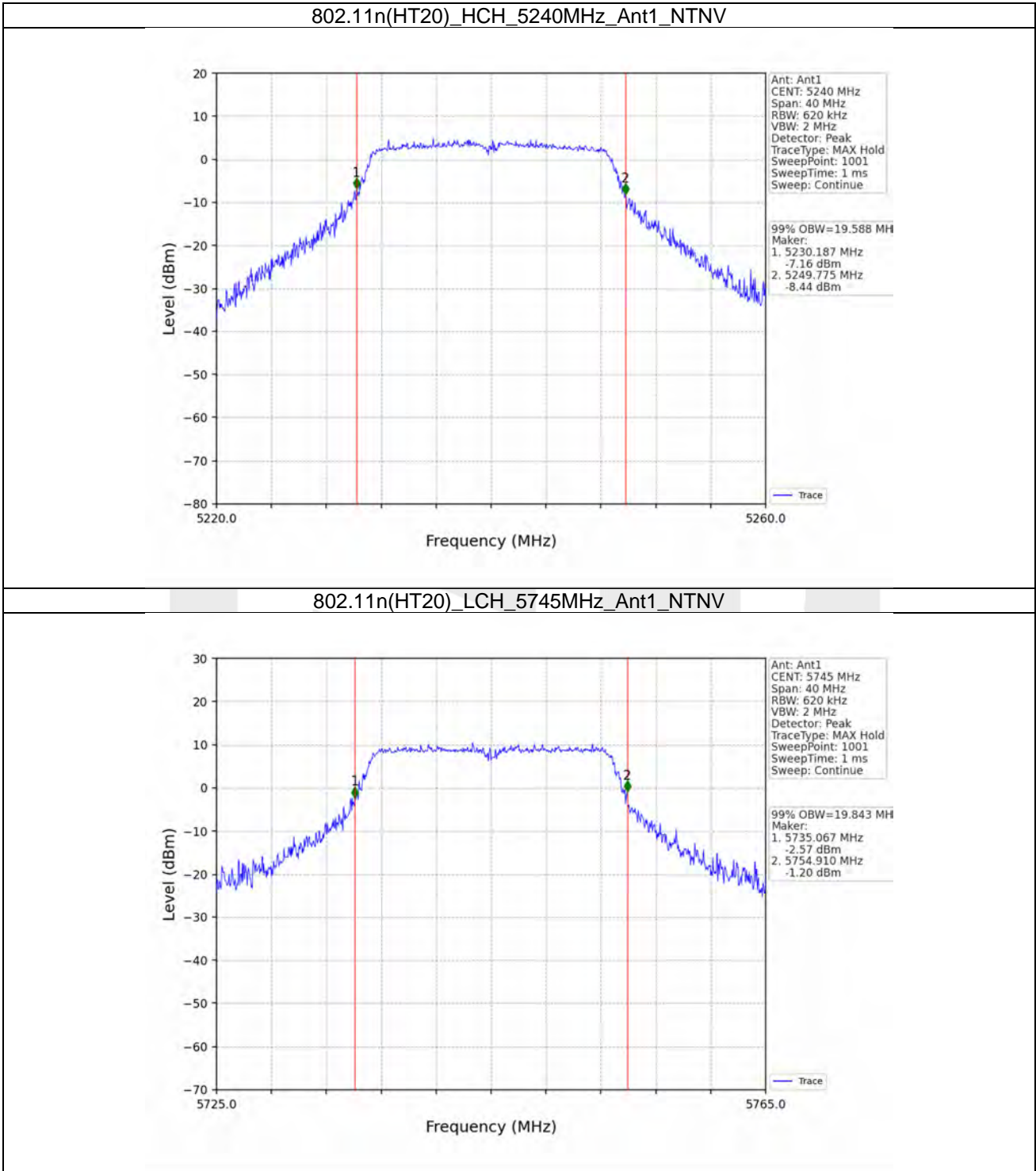


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV





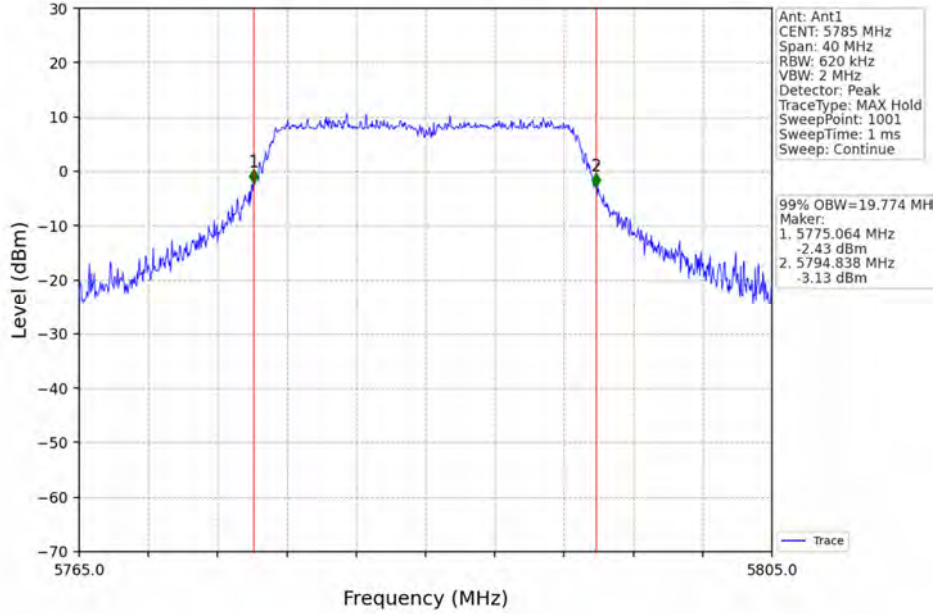
SHENZHEN EU TESTING LABORATORY LIMITED

Address: 101, Building B1, Fuqiao Fourth Area, Qiaotou Community, Fuhai Subdistrict, Baoan District, Shenzhen, Guangdong, China

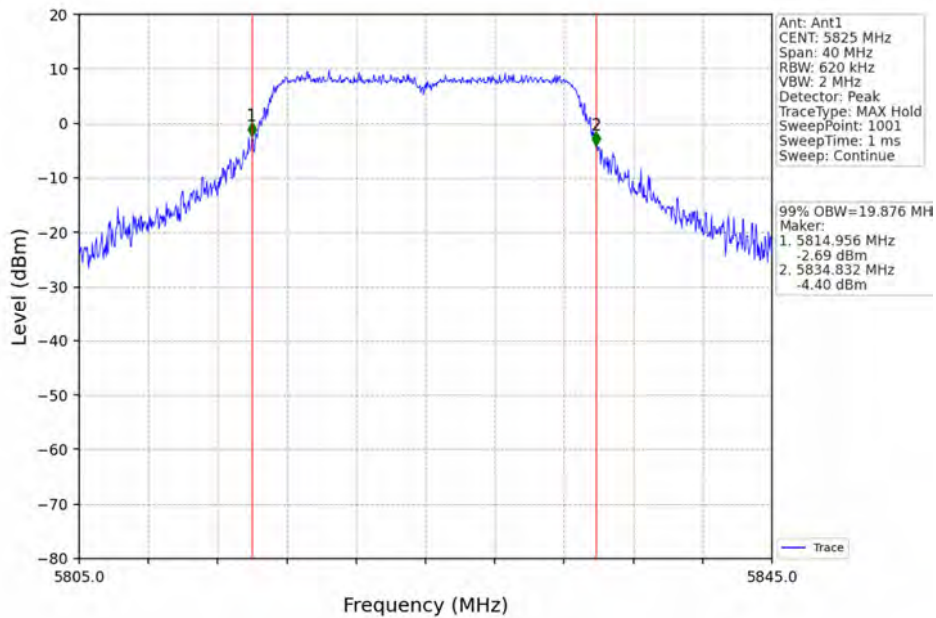
Website: www.eu-test.com

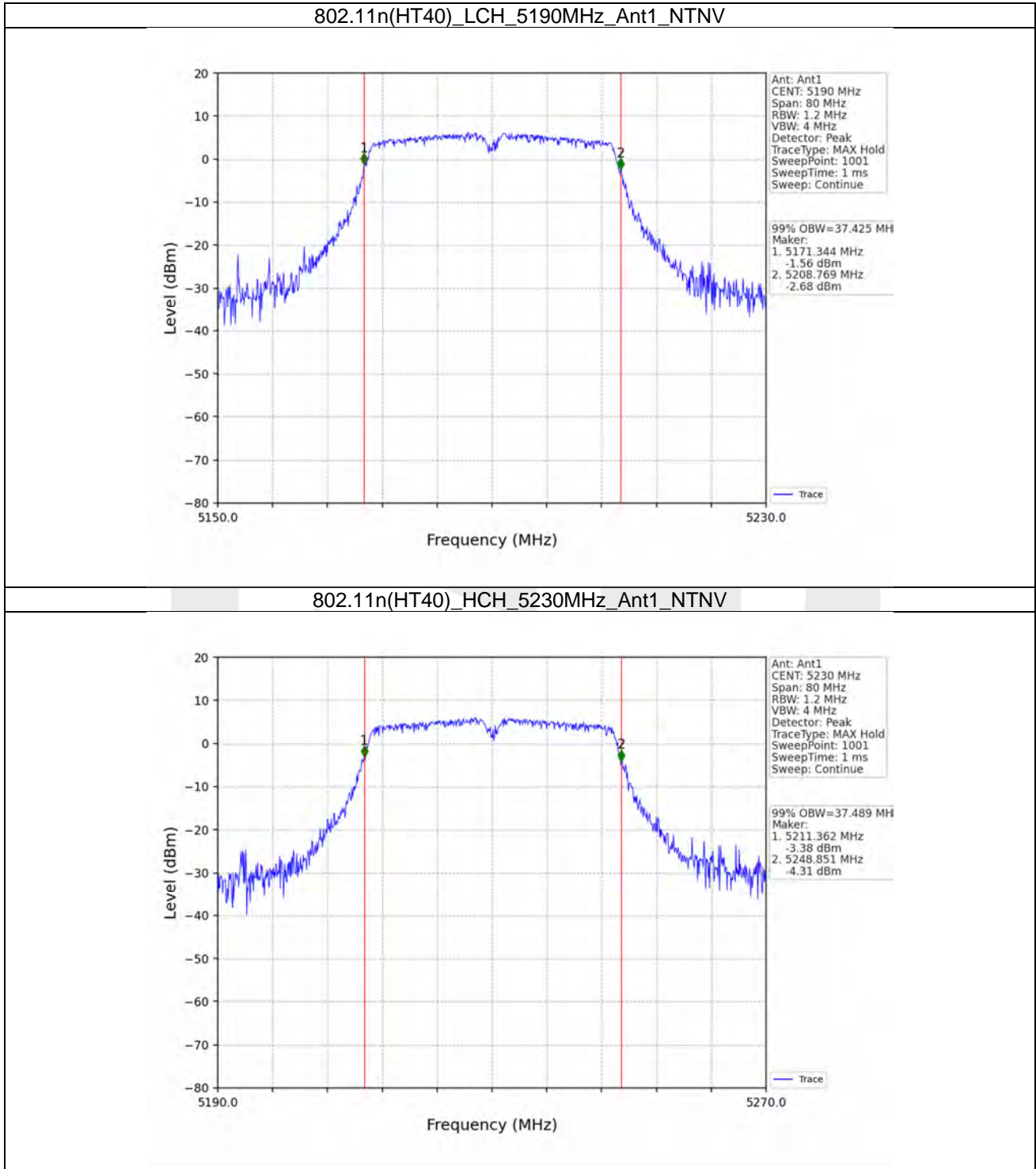
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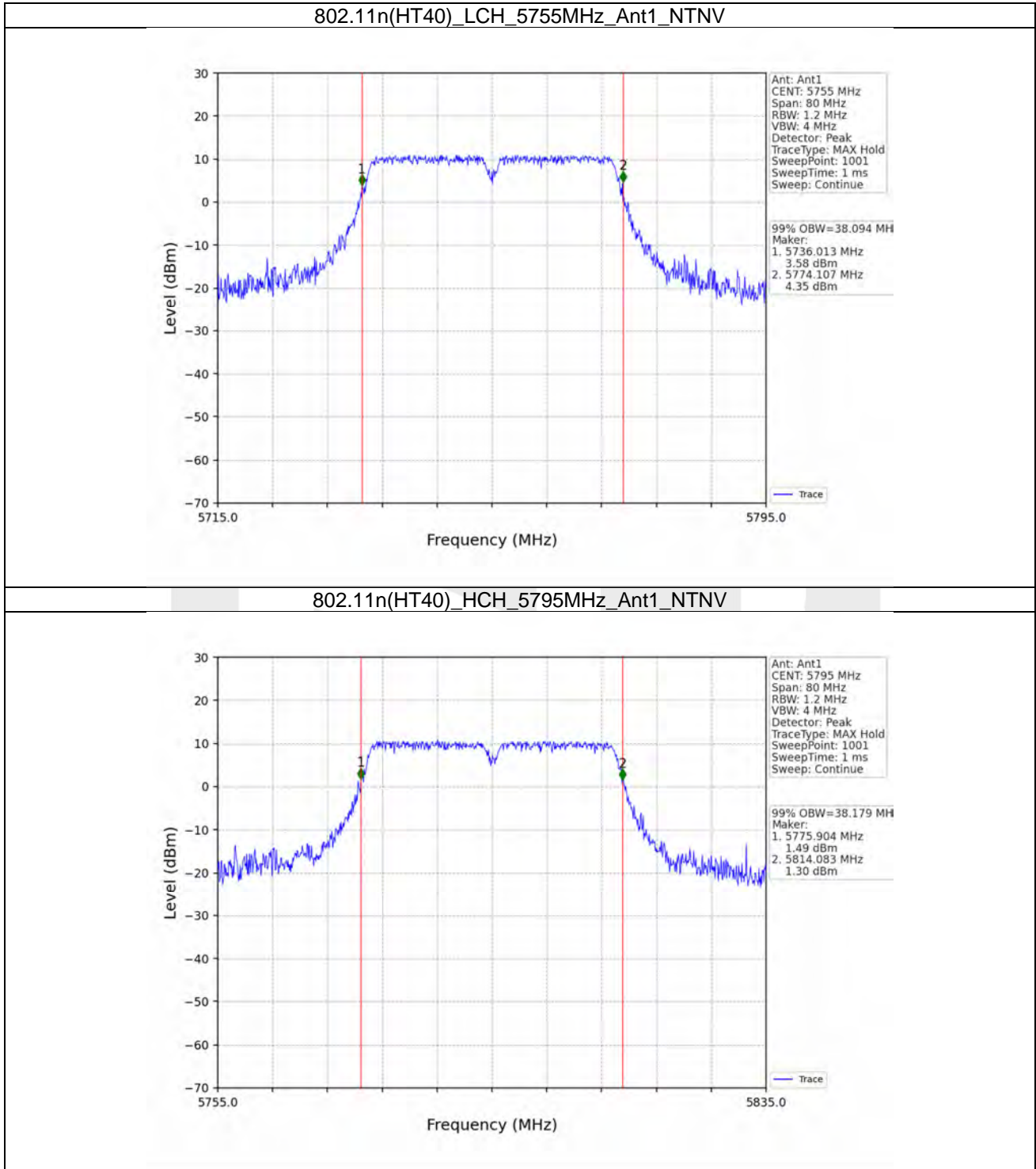
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



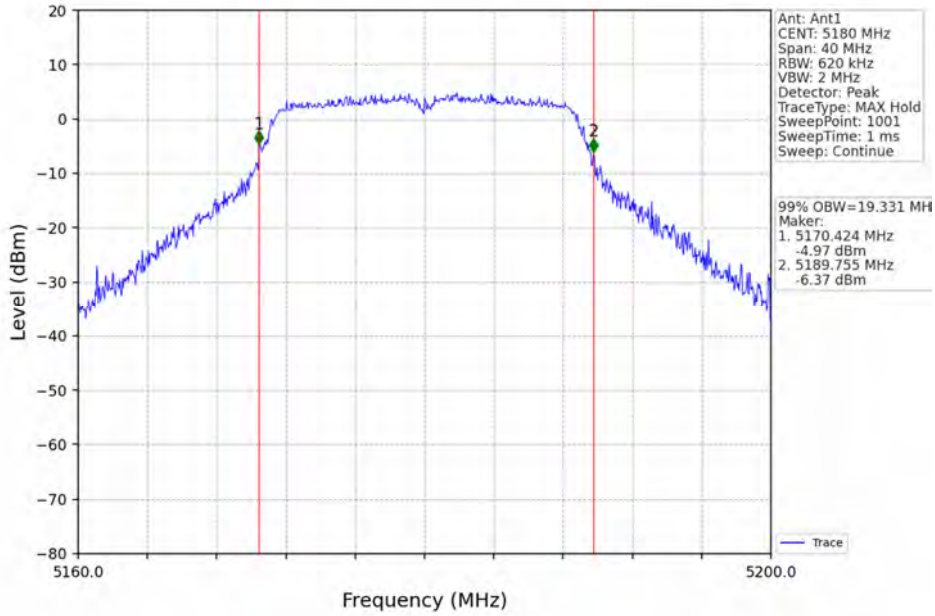
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



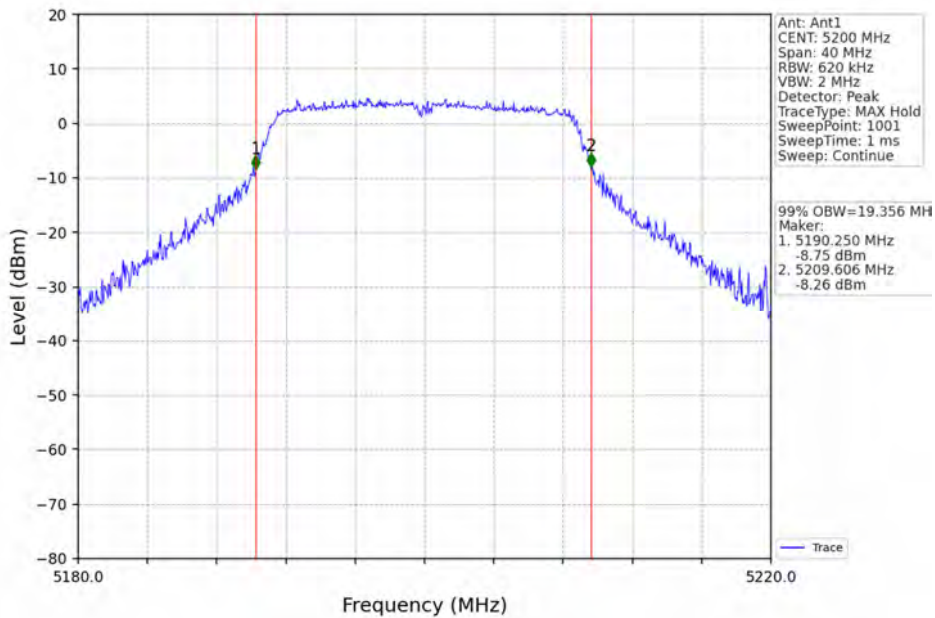




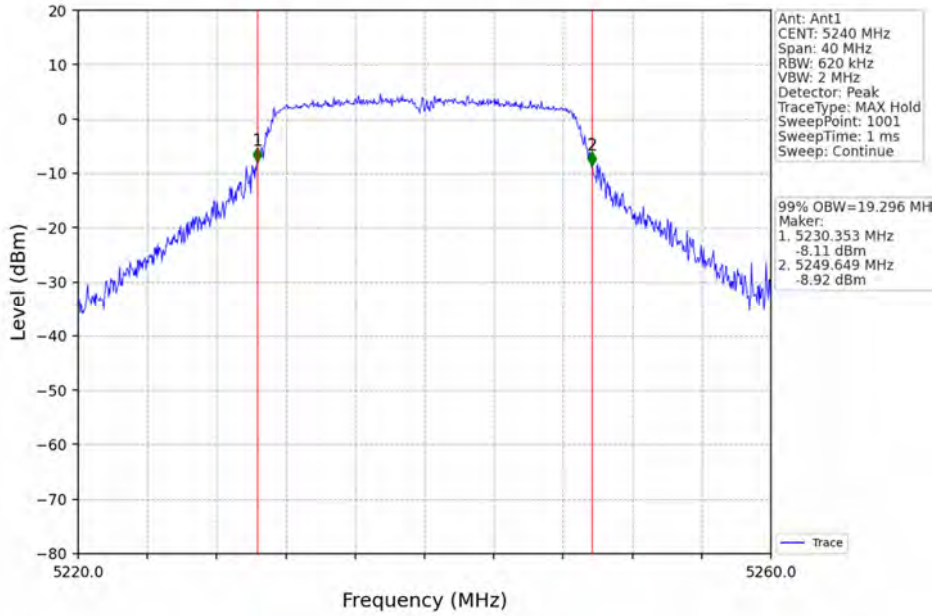
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



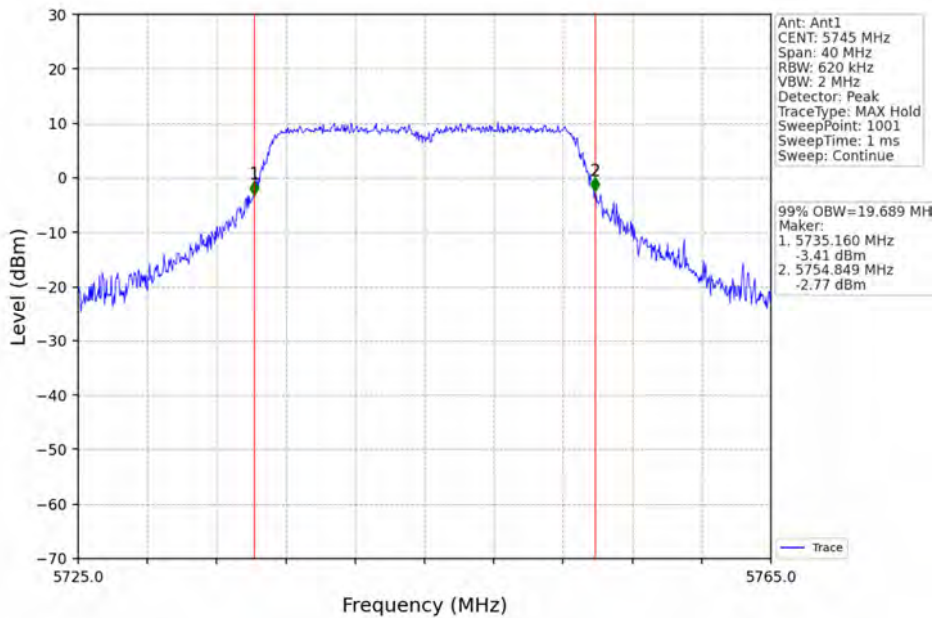
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



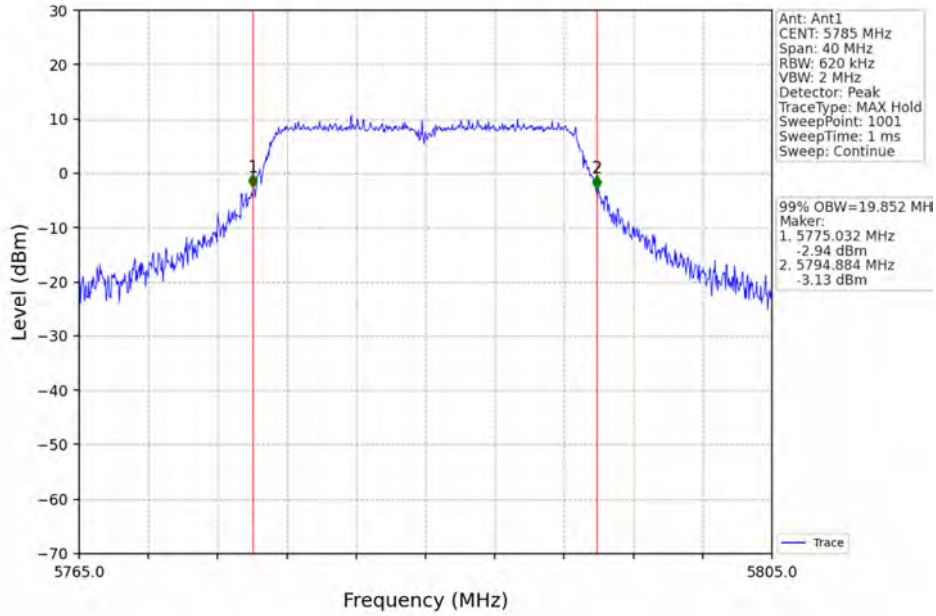
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



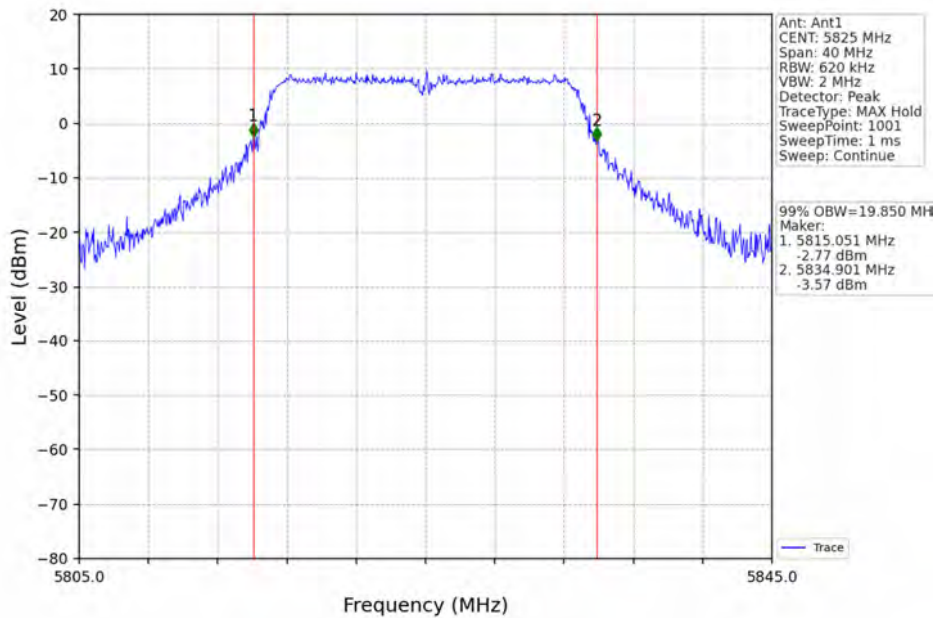
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



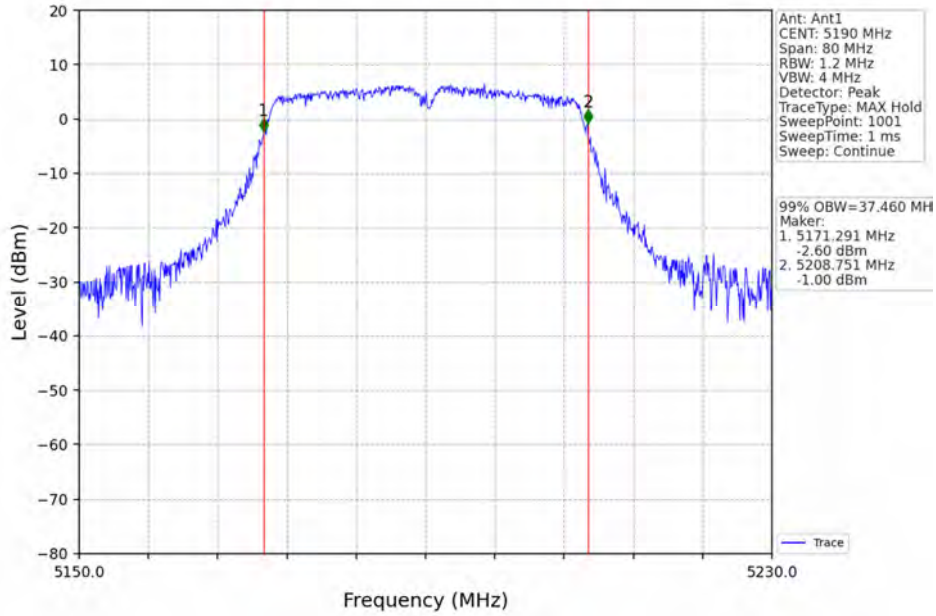
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



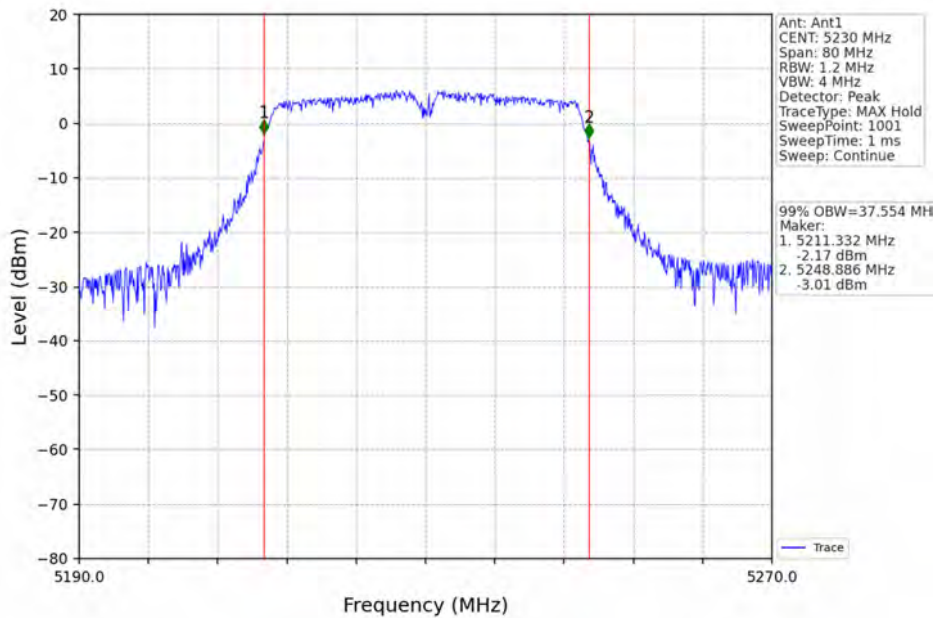
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

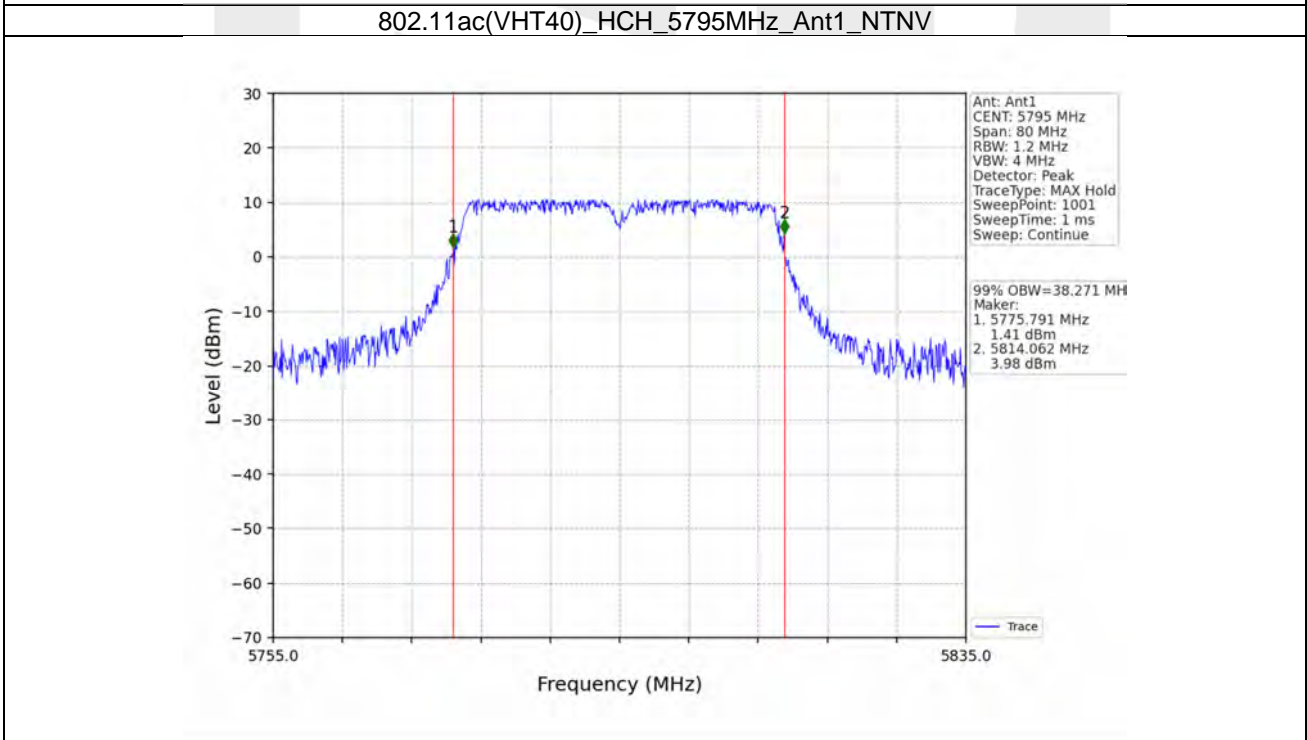
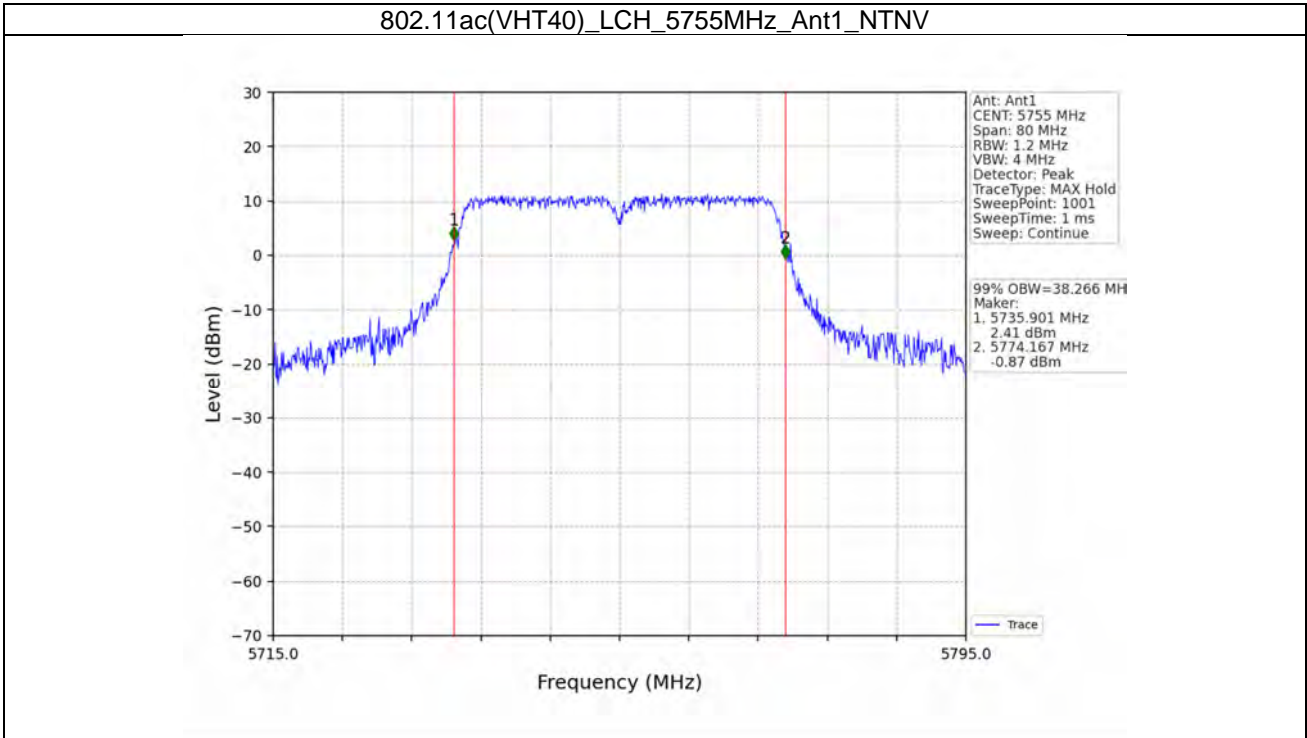


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

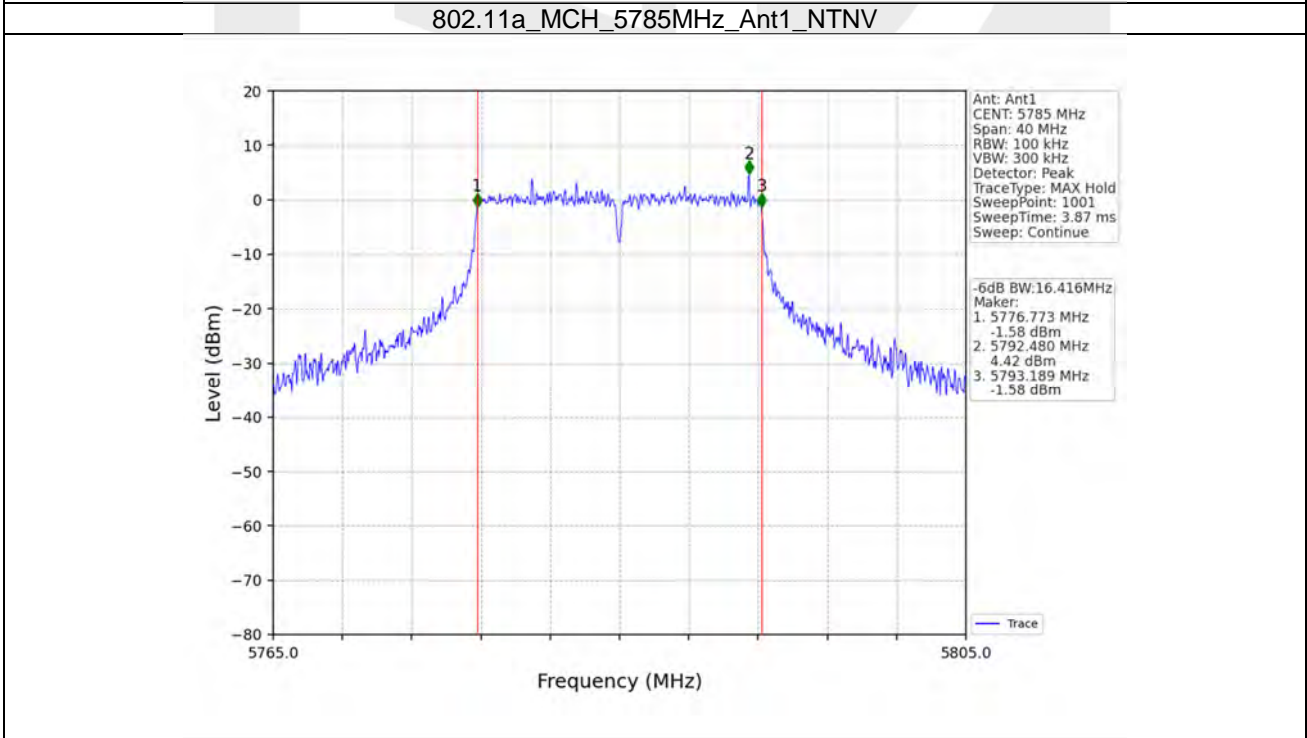
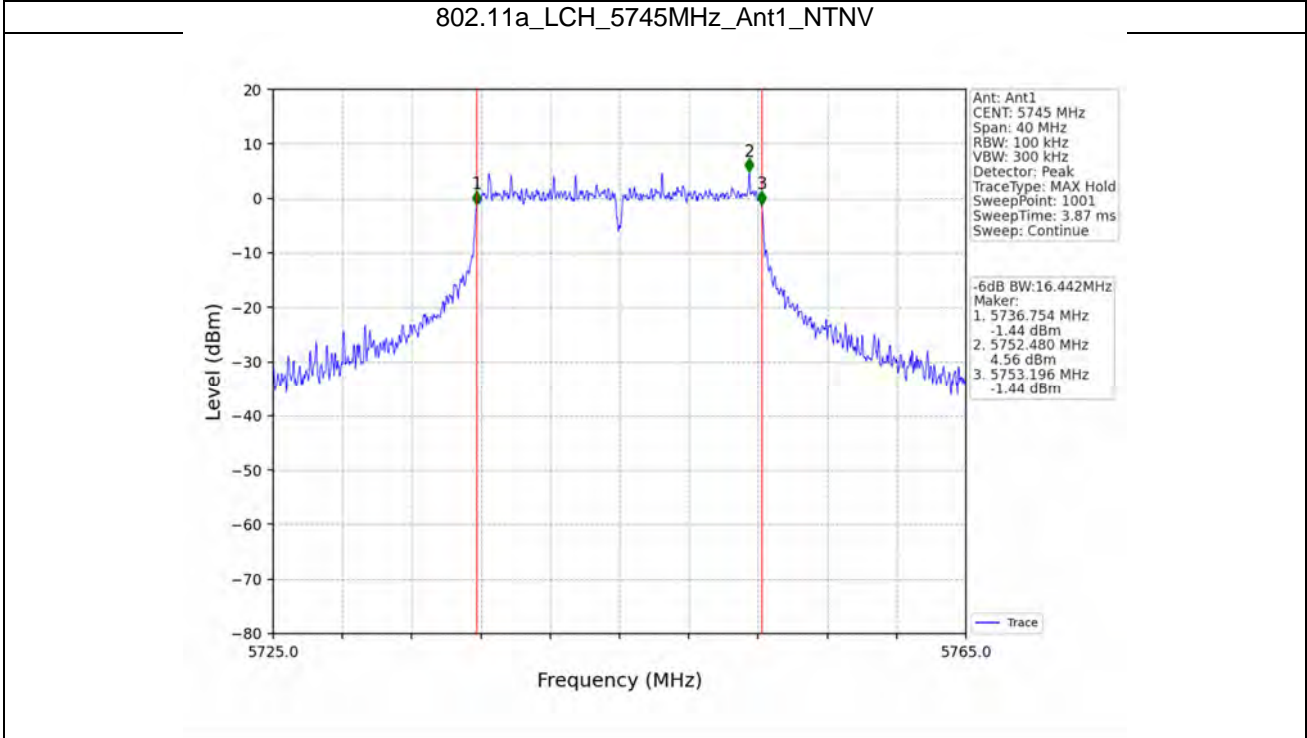


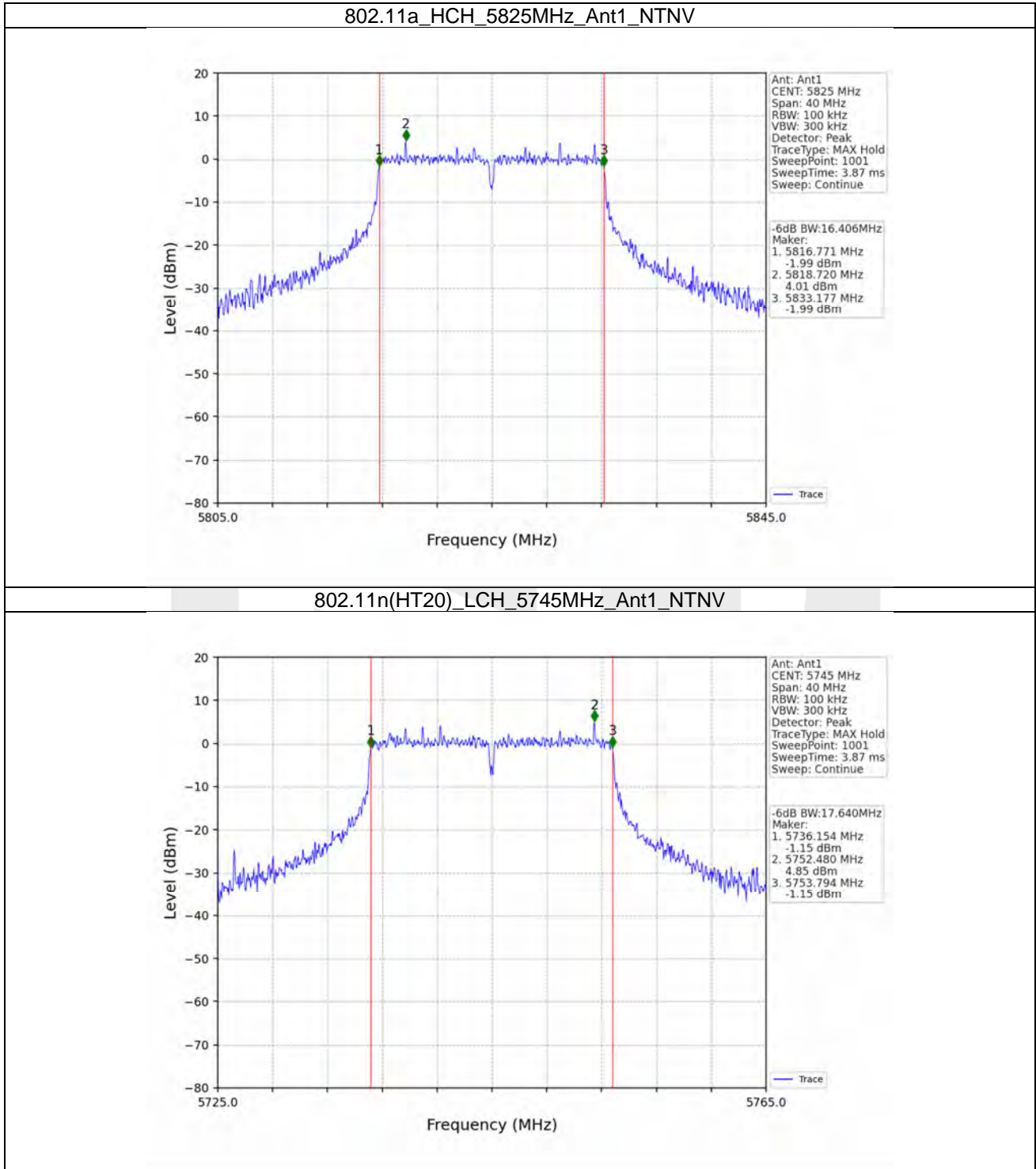
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

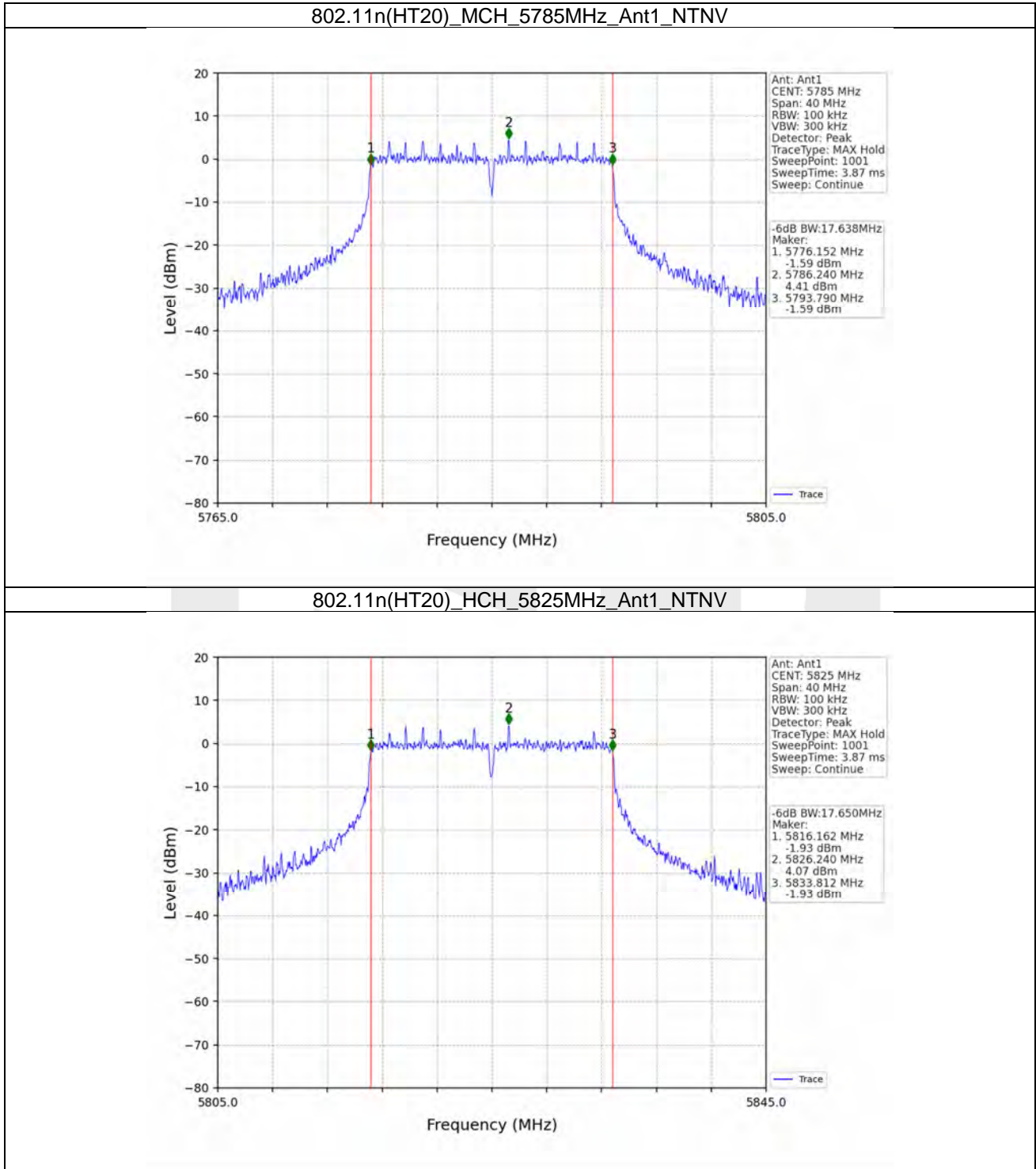


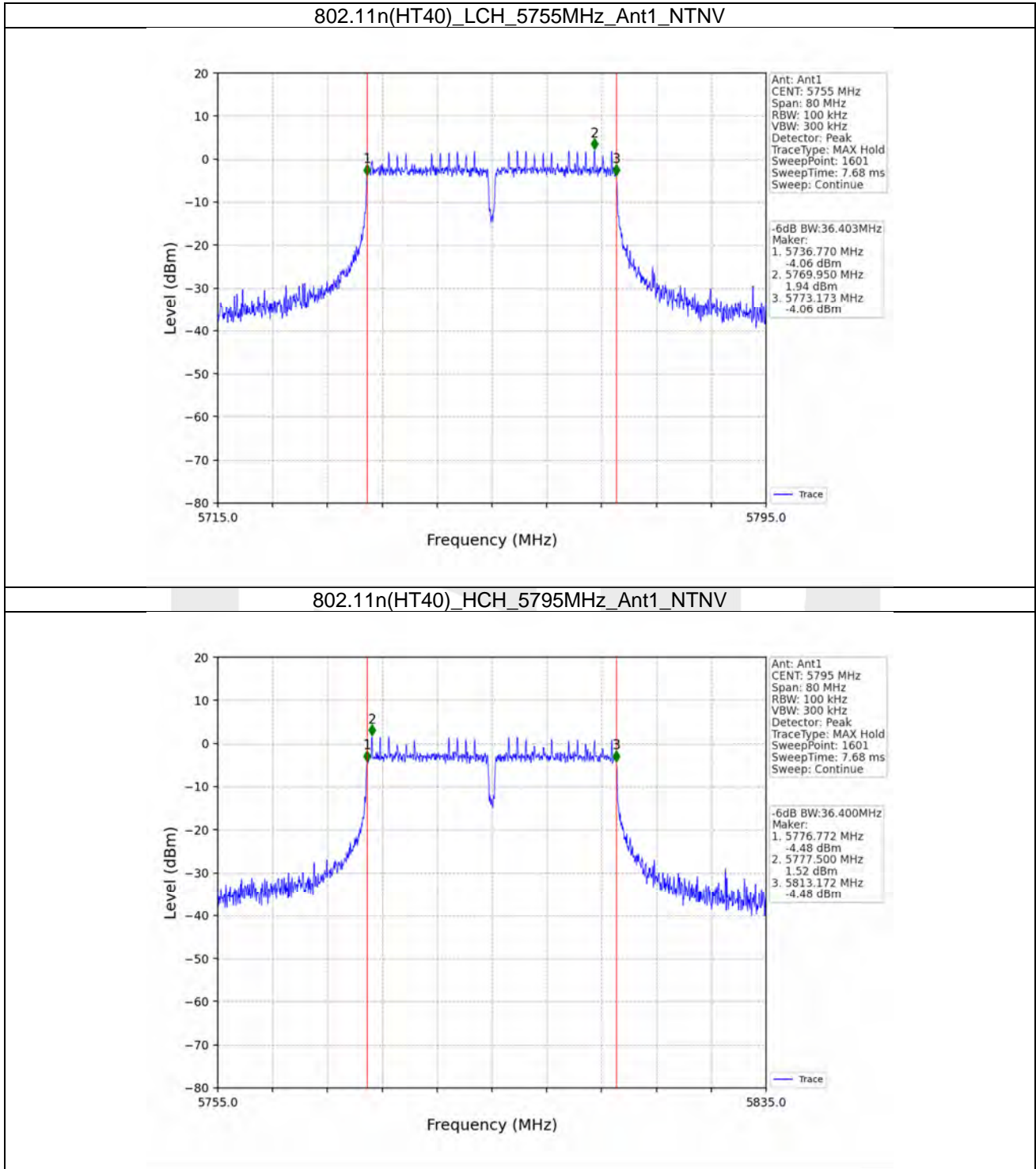


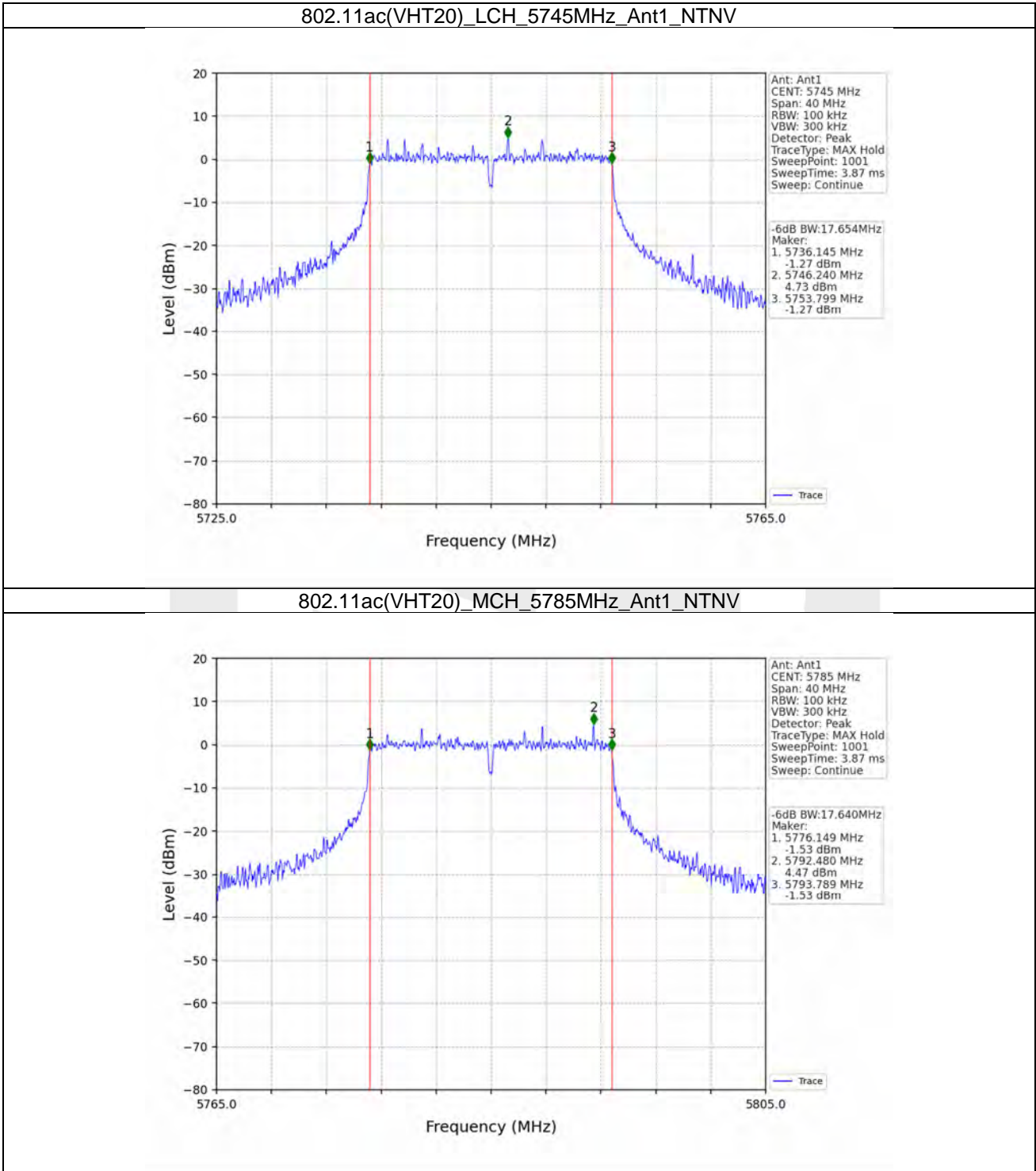
2.2.2 6dB BW

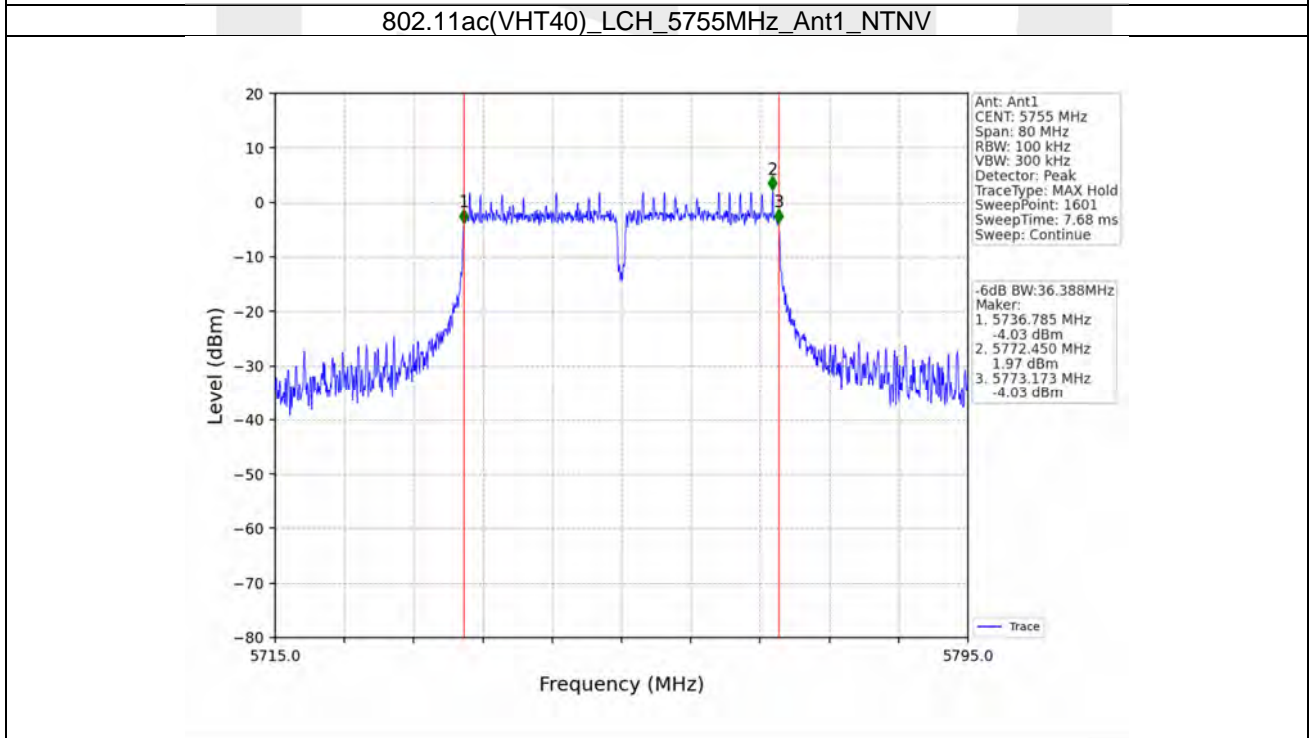
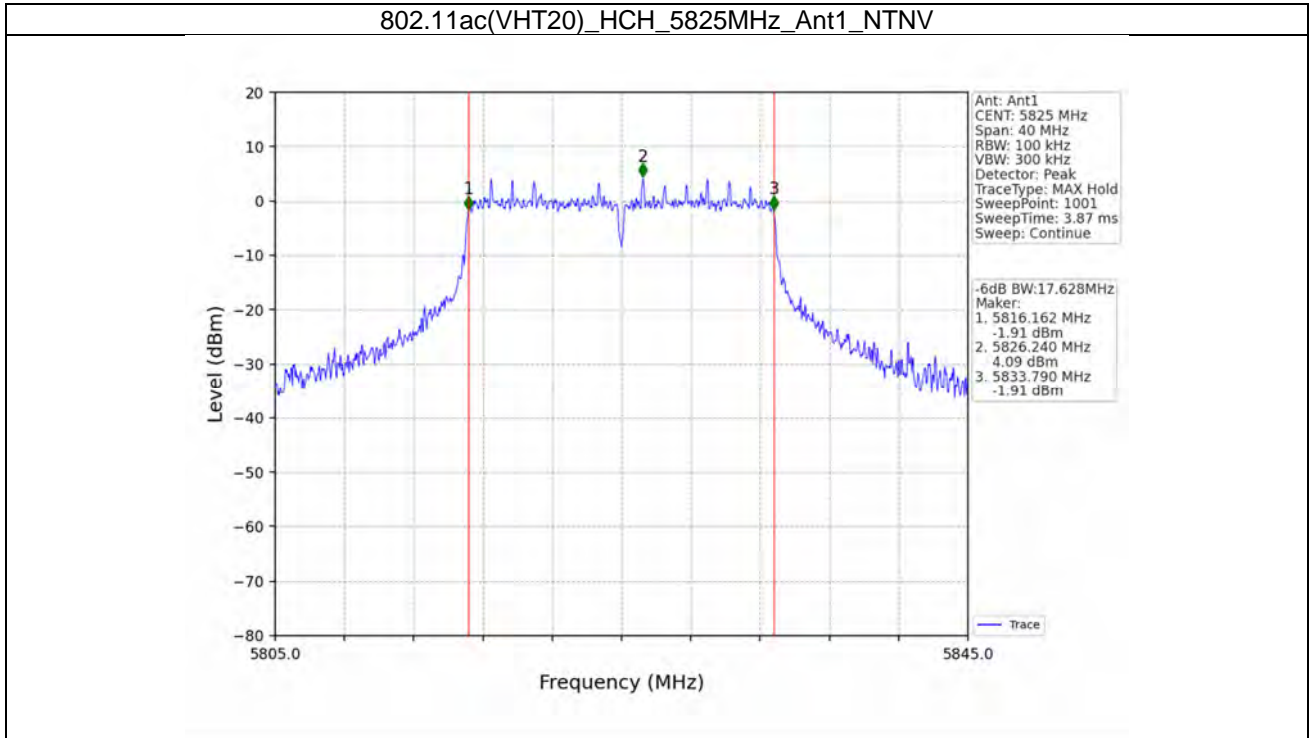


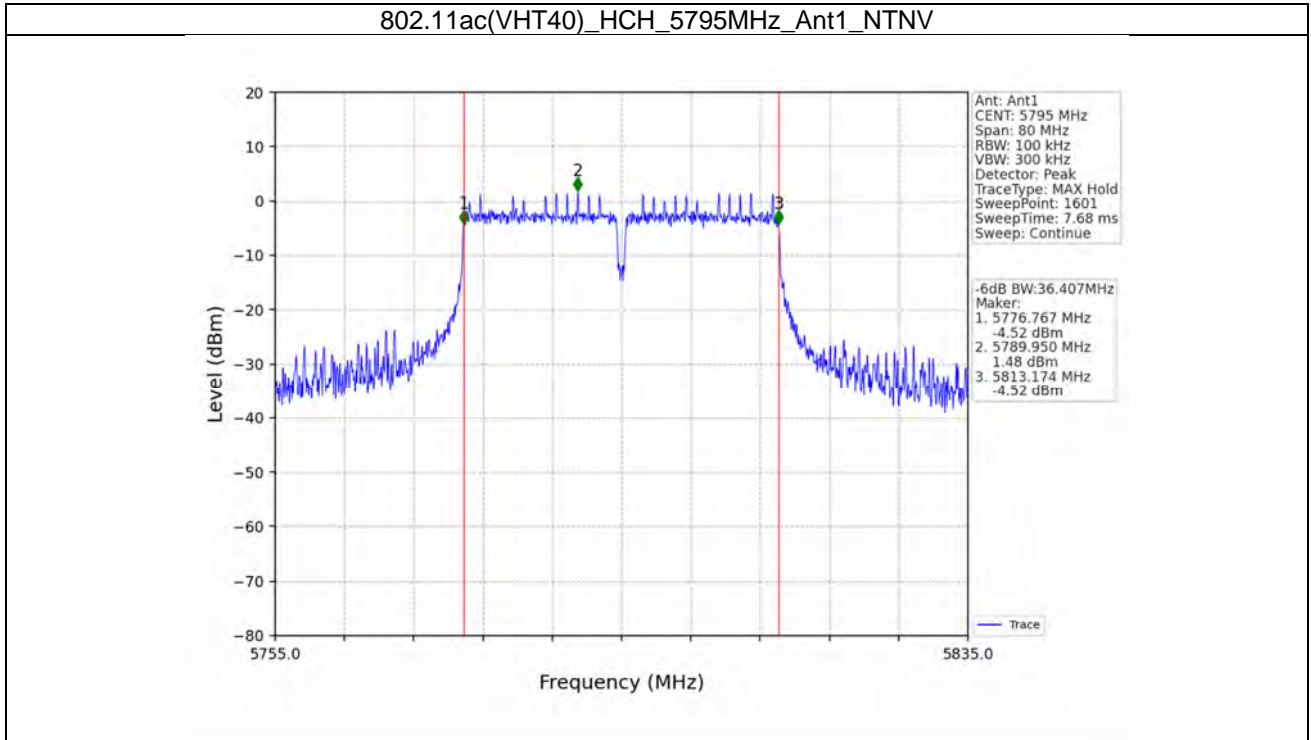












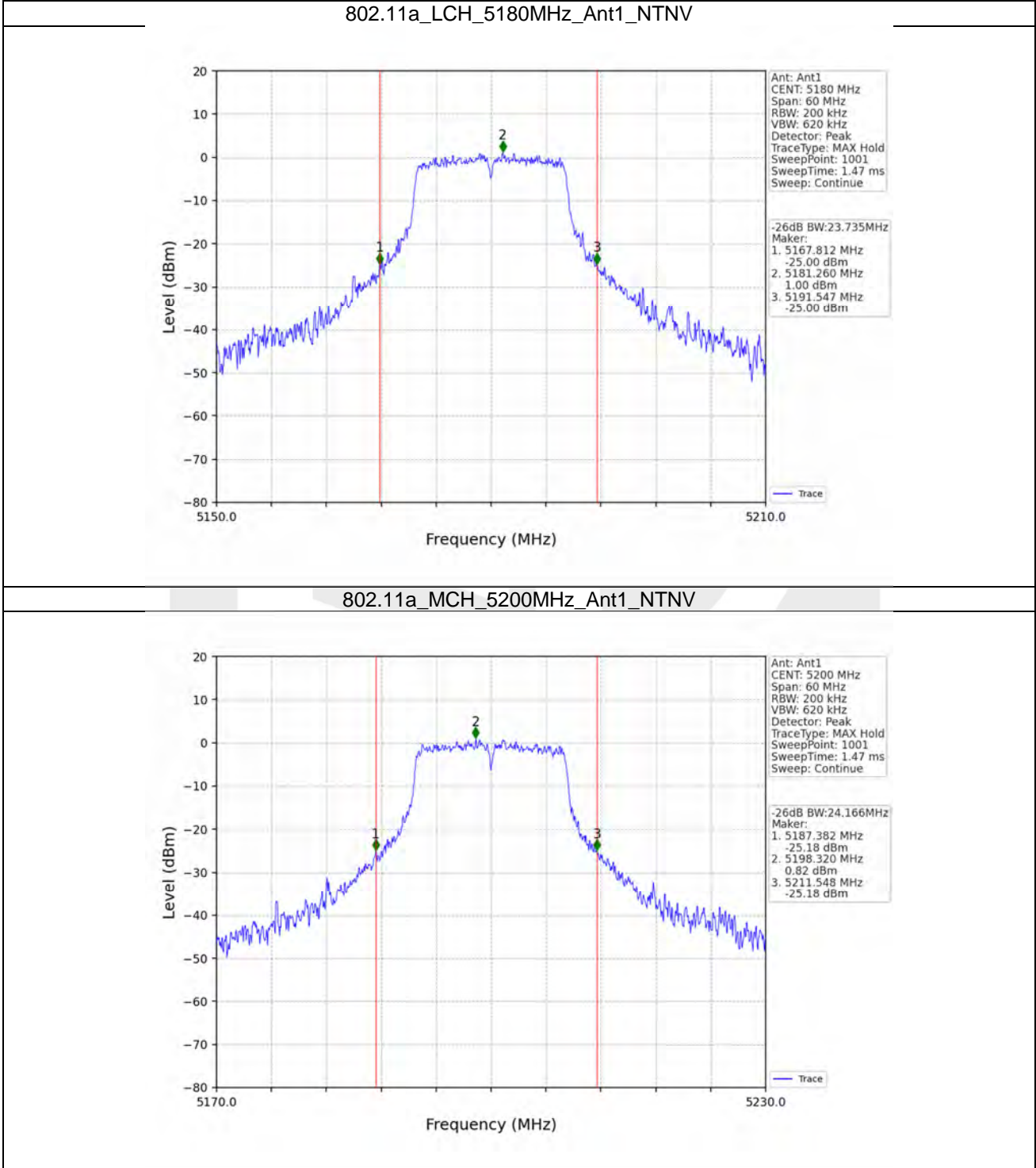
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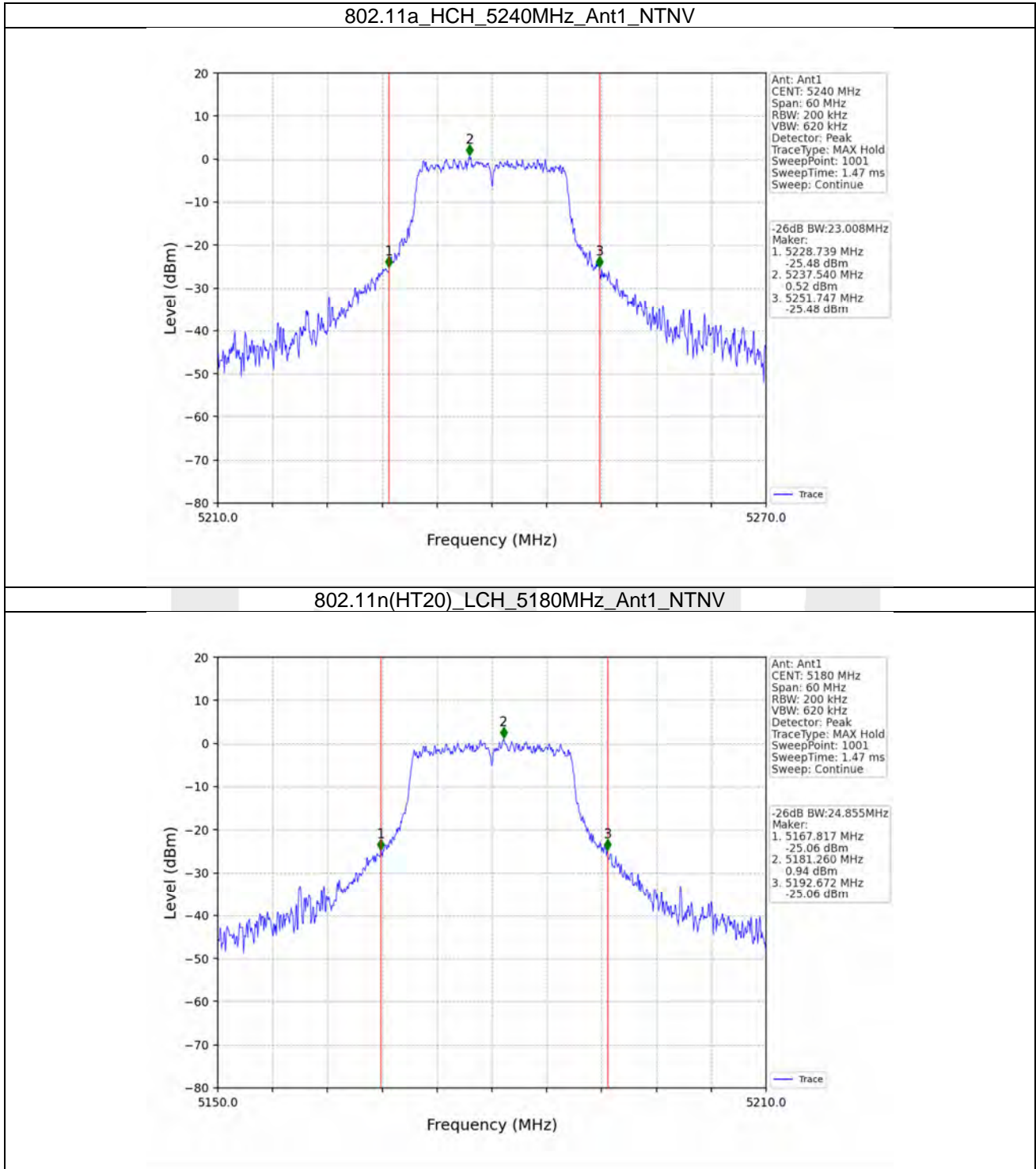
Address: 101, Building B1, Fuqiao Fourth Area, Qiaotou Community, Fuhai Subdistrict, Baoan District, Shenzhen, Guangdong, China

Website: www.eu-test.com

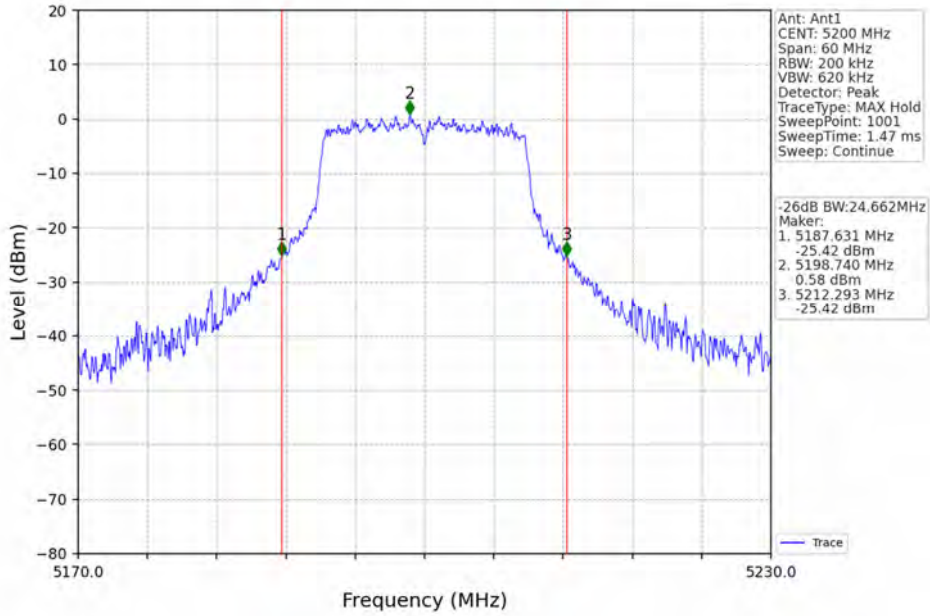
Tel: (86)-755-2357-9714 Email: Service@eu-test.com

2.2.3 26dB BW

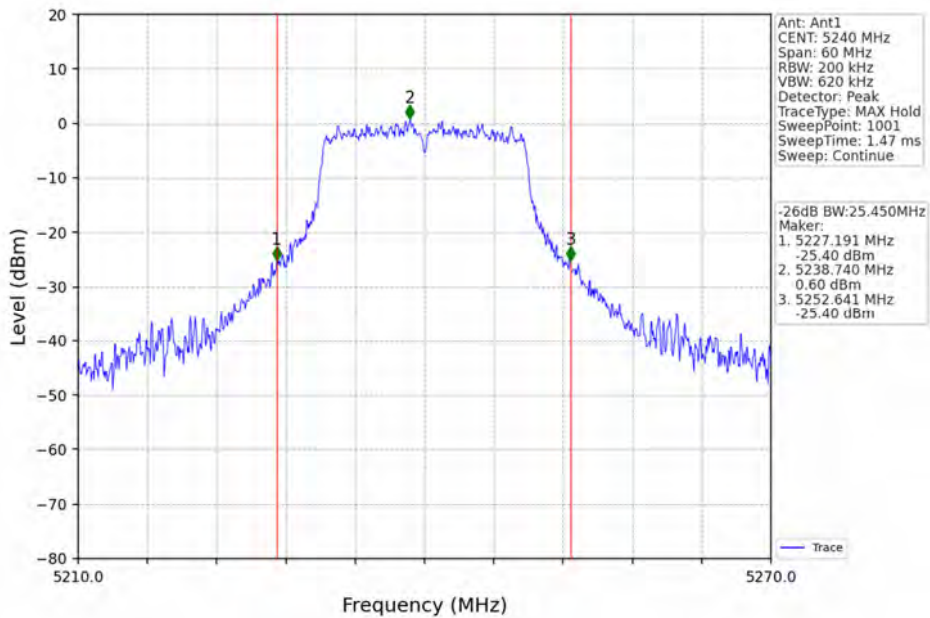




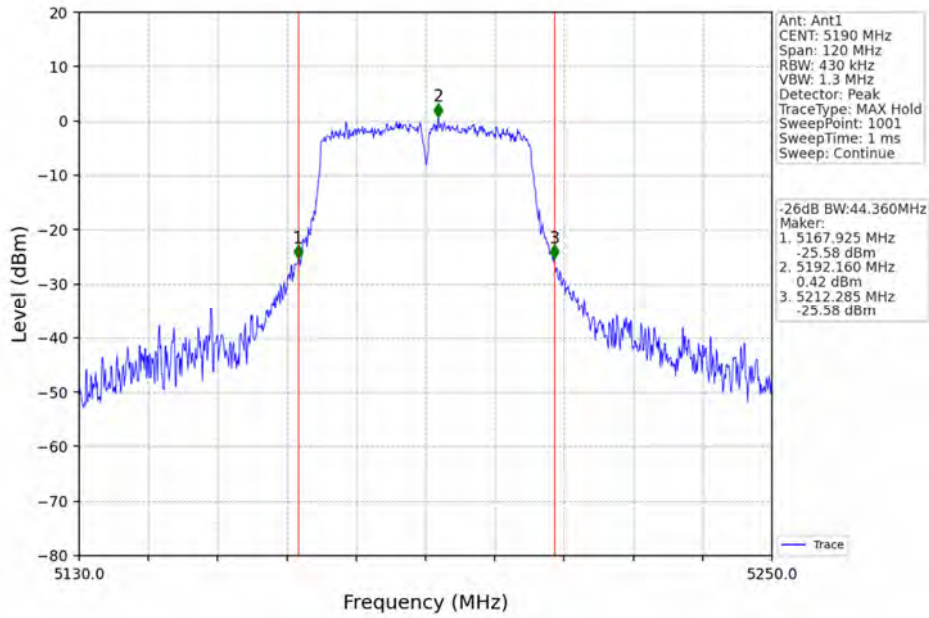
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



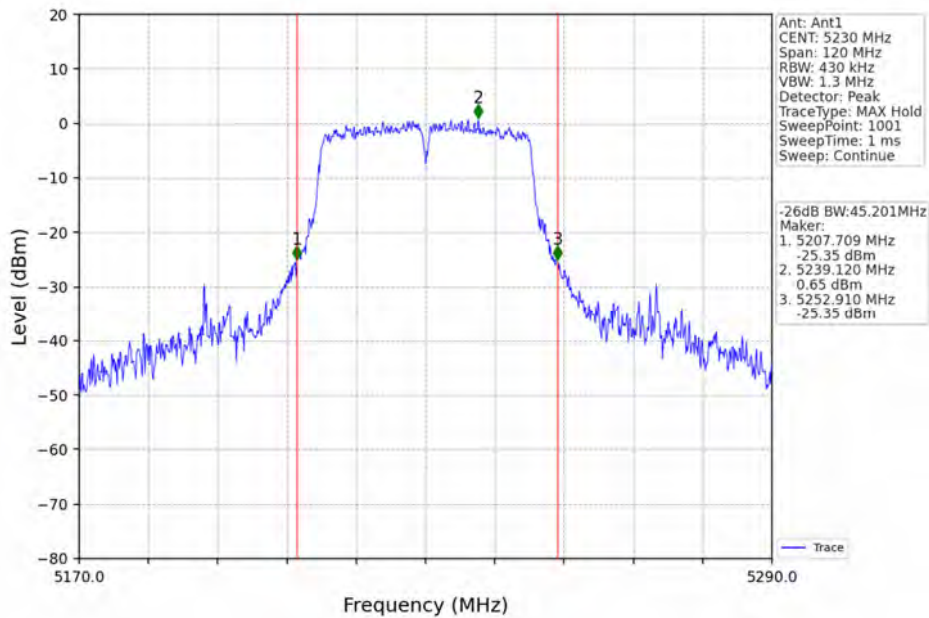
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



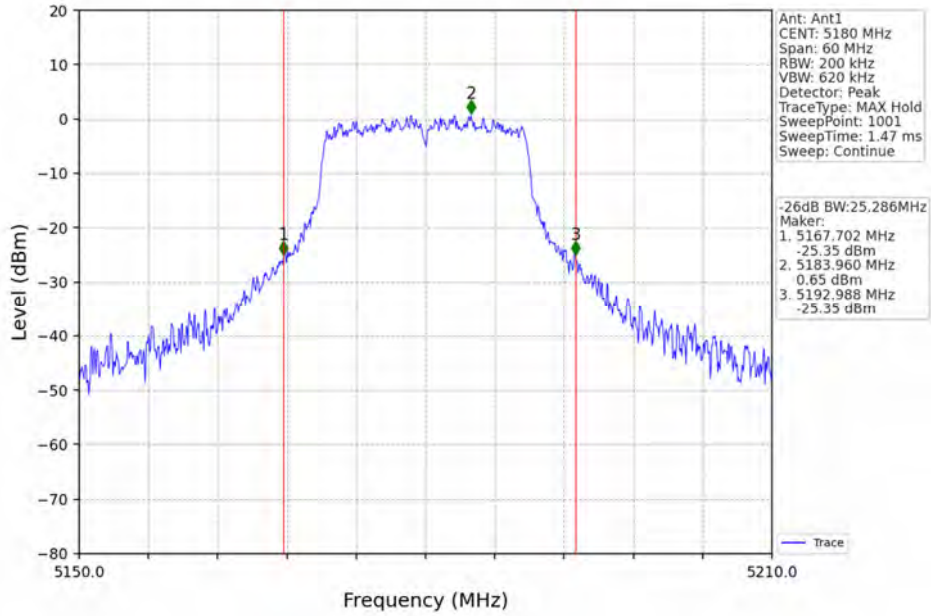
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



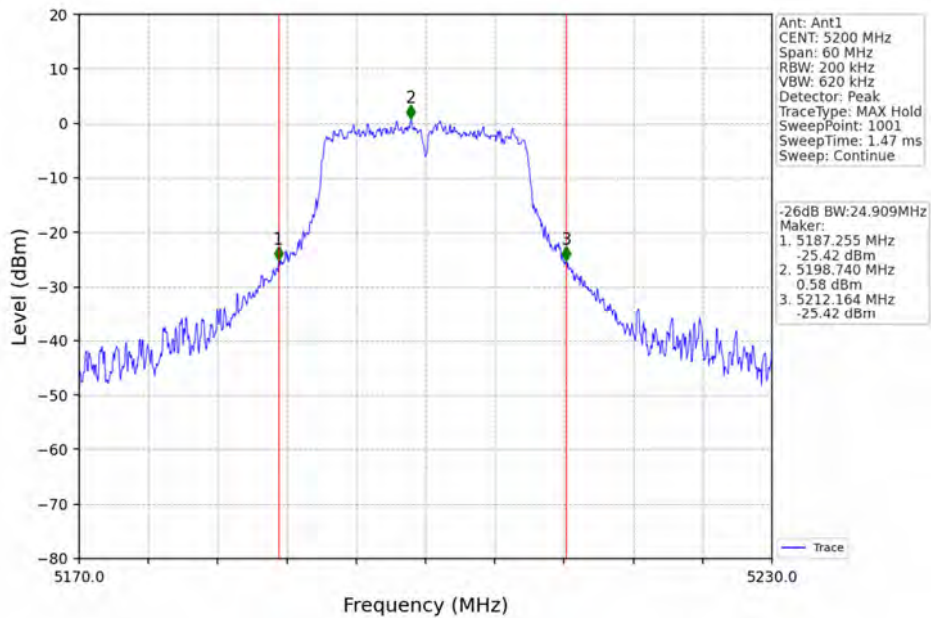
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



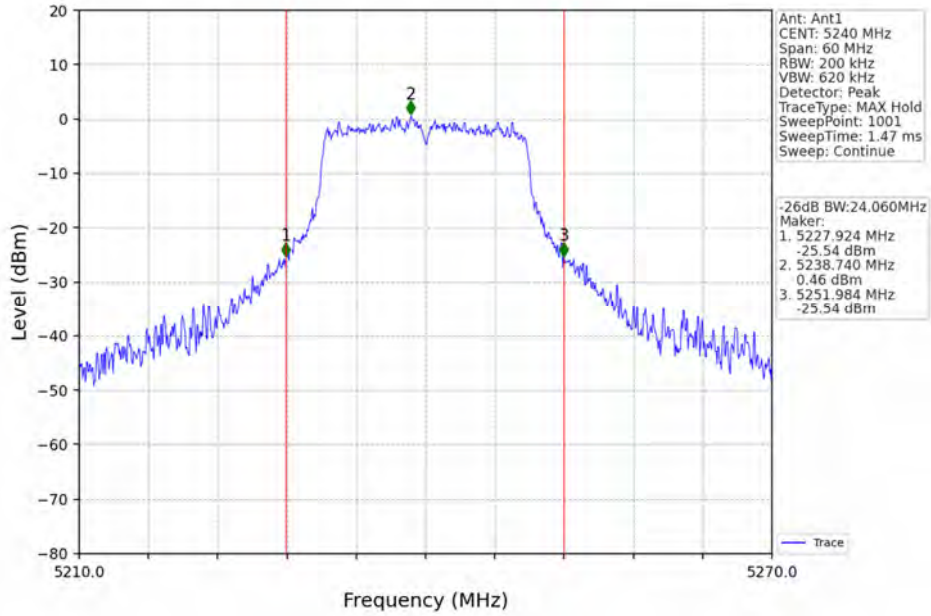
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



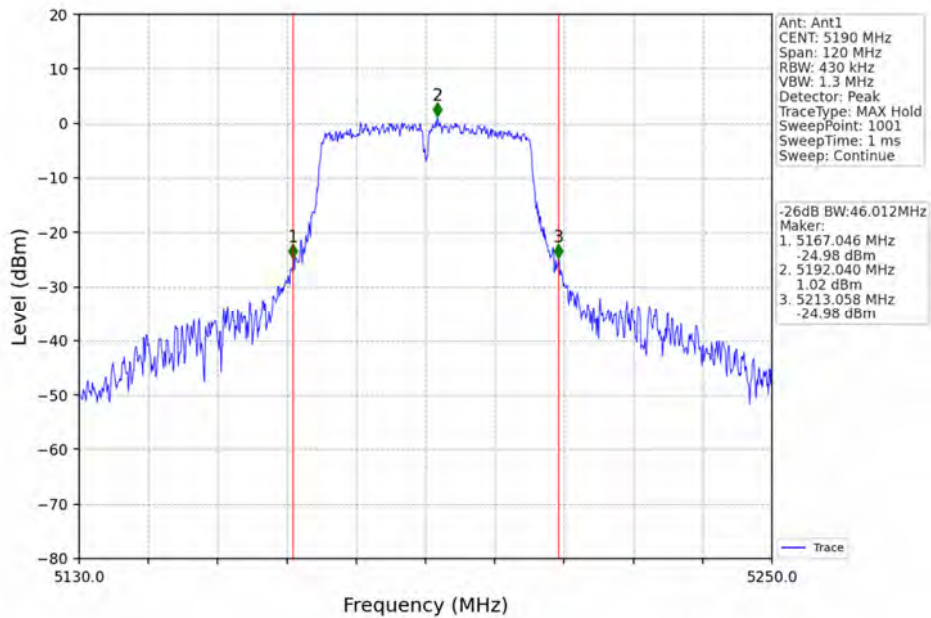
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

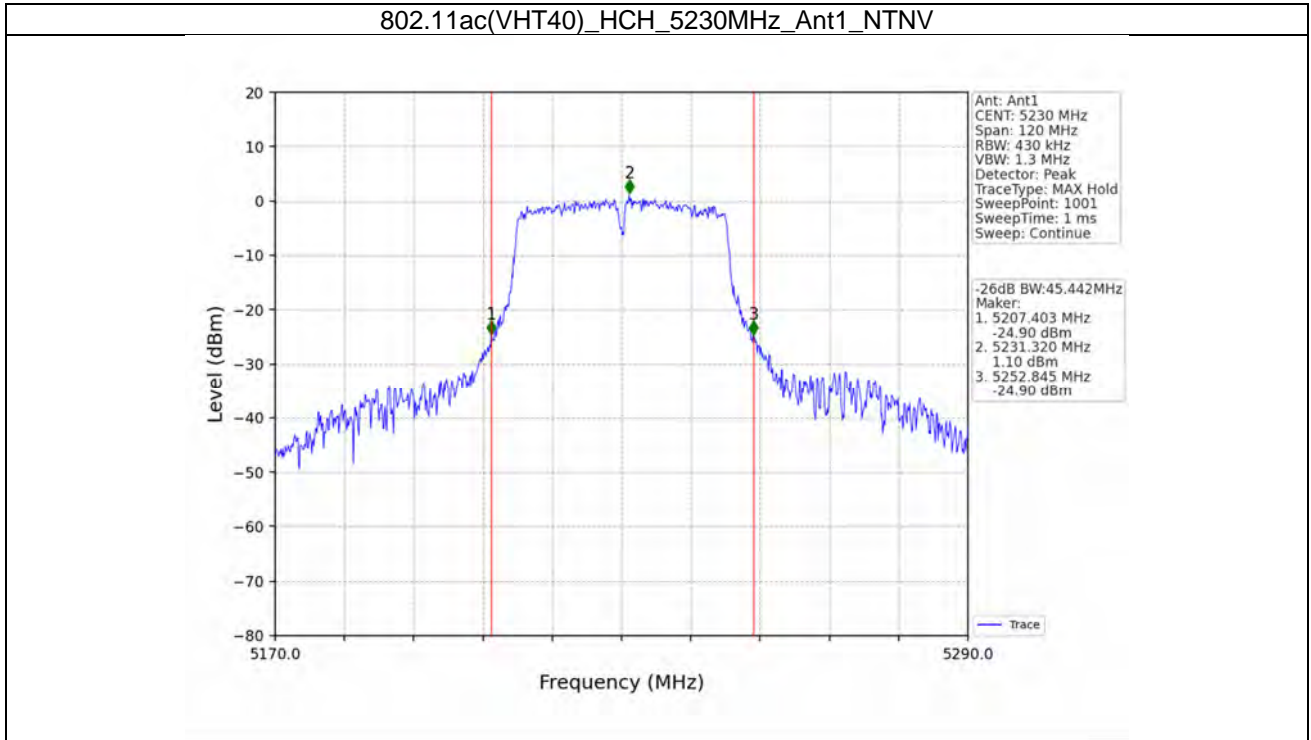


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV





SHENZHEN EU TESTING LABORATORY LIMITED

Address: 101, Building B1, Fuqiao Fourth Area, Qiaotou Community, Fuhai Subdistrict, Baoan District, Shenzhen, Guangdong, China

Website: www.eu-test.com

Tel: (86)-755-2357-9714 Email: Service@eu-test.com

3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

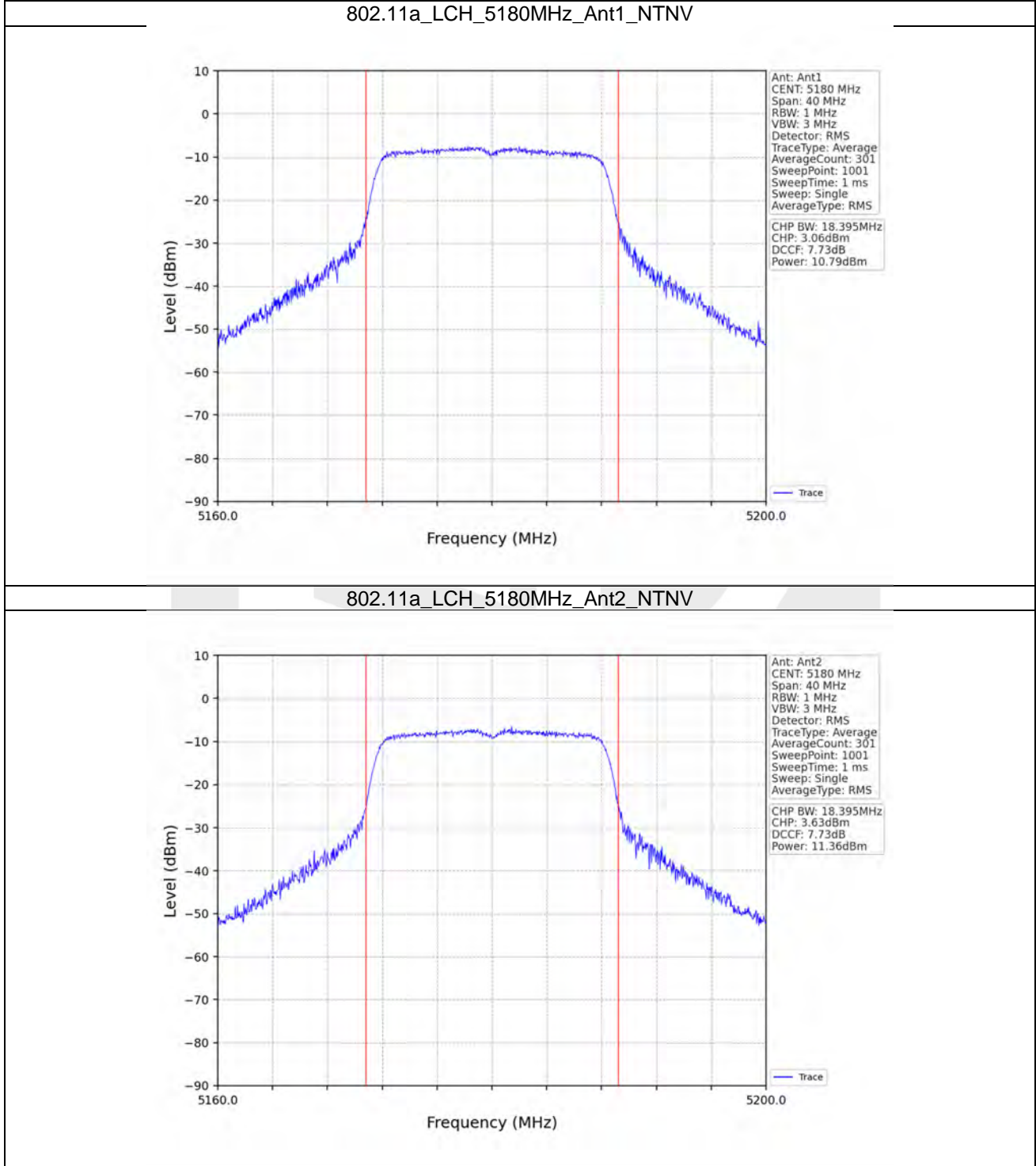
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)			Verdict
					ANT1	ANT2	Limit	
802.11a	SISO	5180	/	/	10.79	11.36	<=23.98	Pass
		5200	/	/	11.76	8.73	<=23.98	Pass
		5240	/	/	11.34	12.20	<=23.98	Pass
		5745	/	/	17.21	16.86	<=30	Pass
		5785	/	/	14.65	17.48	<=30	Pass
		5825	/	/	15.33	15.95	<=30	Pass
802.11n (HT20)	SISO	5180	/	/	11.27	10.81	<=23.98	Pass
		5200	/	/	10.79	10.63	<=23.98	Pass
		5240	/	/	10.81	11.59	<=23.98	Pass
		5745	/	/	16.58	16.99	<=30	Pass
		5785	/	/	16.29	16.32	<=30	Pass
		5825	/	/	15.74	16.03	<=30	Pass
802.11n (HT40)	SISO	5190	/	/	10.34	11.54	<=23.98	Pass
		5230	/	/	8.35	11.53	<=23.98	Pass
		5755	/	/	15.68	21.76	<=30	Pass
		5795	/	/	16.01	16.39	<=30	Pass
802.11ac (VHT20)	SISO	5180	/	/	11.72	9.43	<=23.98	Pass
		5200	/	/	11.62	10.79	<=23.98	Pass
		5240	/	/	10.04	11.62	<=23.98	Pass
		5745	/	/	14.59	17.15	<=30	Pass
		5785	/	/	16.23	16.64	<=30	Pass
		5825	/	/	16.33	15.25	<=30	Pass
802.11ac (VHT40)	SISO	5190	/	/	10.79	11.79	<=23.98	Pass
		5230	/	/	11.24	11.92	<=23.98	Pass
		5755	/	/	17.18	16.58	<=30	Pass
		5795	/	/	15.36	16.40	<=30	Pass

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11n (HT20)	SISO	5180	/	/	11.27	10.81	14.06	<=23.98	Pass
		5200	/	/	10.79	10.63	13.72	<=23.98	Pass
		5240	/	/	10.81	11.59	14.23	<=23.98	Pass
		5745	/	/	16.58	16.99	19.80	<=30	Pass
		5785	/	/	16.29	16.32	19.32	<=30	Pass
		5825	/	/	15.74	16.03	18.90	<=30	Pass
802.11n (HT40)	SISO	5190	/	/	10.34	11.54	13.99	<=23.98	Pass
		5230	/	/	8.35	11.53	13.24	<=23.98	Pass
		5755	/	/	15.68	21.76	22.72	<=30	Pass
		5795	/	/	16.01	16.39	19.21	<=30	Pass
802.11ac (VHT20)	SISO	5180	/	/	11.72	9.43	13.73	<=23.98	Pass
		5200	/	/	11.62	10.79	14.24	<=23.98	Pass
		5240	/	/	10.04	11.62	13.91	<=23.98	Pass
		5745	/	/	14.59	17.15	19.07	<=30	Pass
		5785	/	/	16.23	16.64	19.45	<=30	Pass
		5825	/	/	16.33	15.25	18.83	<=30	Pass
802.11ac (VHT40)	SISO	5190	/	/	10.79	11.79	14.33	<=23.98	Pass
		5230	/	/	11.24	11.92	14.60	<=23.98	Pass
		5755	/	/	17.18	16.58	19.90	<=30	Pass
		5795	/	/	15.36	16.40	18.92	<=30	Pass

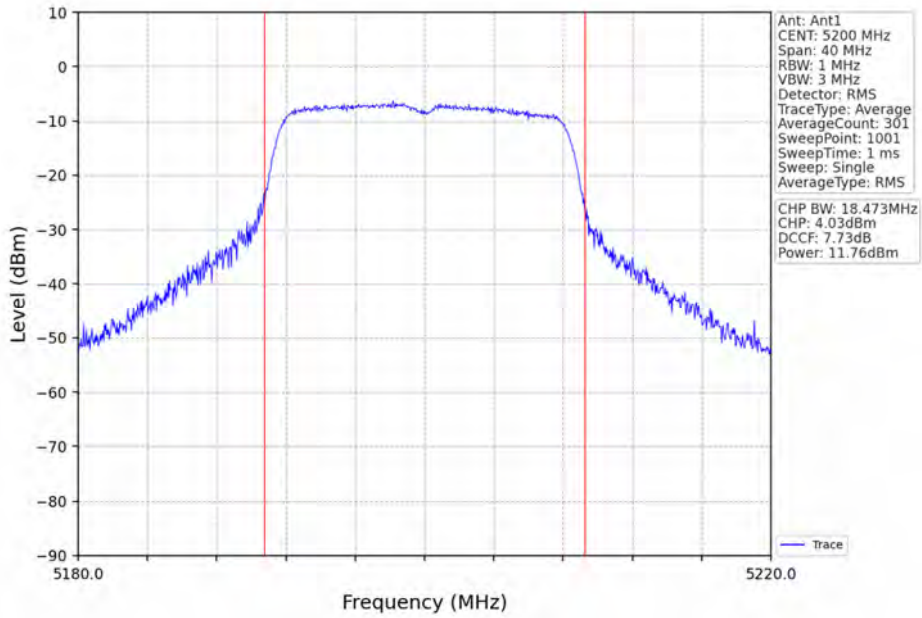
Note1: Antenna Gain: U-NII-1 Ant1: 2.77dBi; Ant2: 2.77dBi;
 Note2: Antenna Gain: U-NII-3 Ant1: 3.97dBi; Ant2: 3.97dBi;
 Note3: Directional Gain: Uncorrelated(Directional Gain = Ant Gain=U-NII-1: 2.77dBi; U-NII-3: 3.97dBi)

3.2 Test Graph

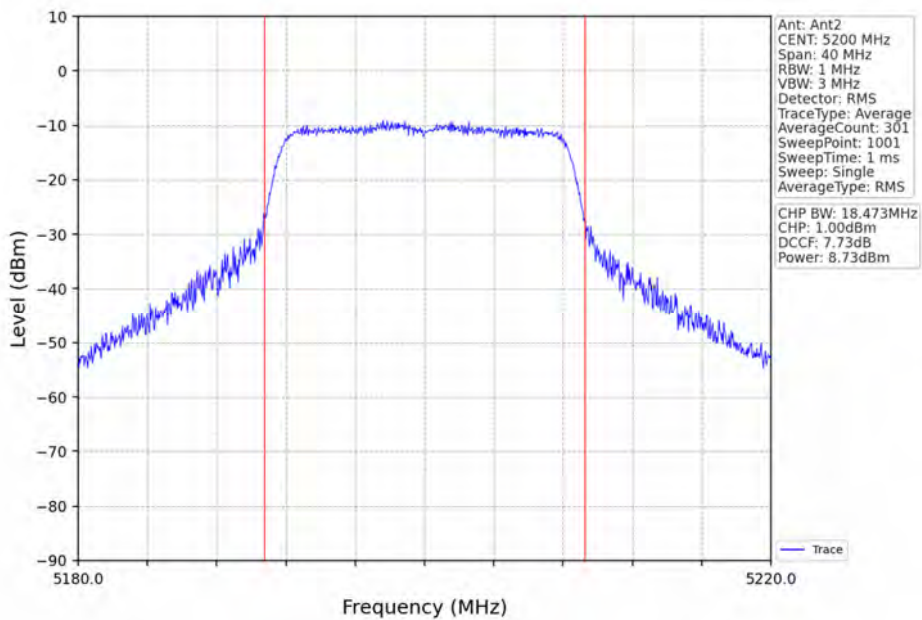
3.2.1 Power



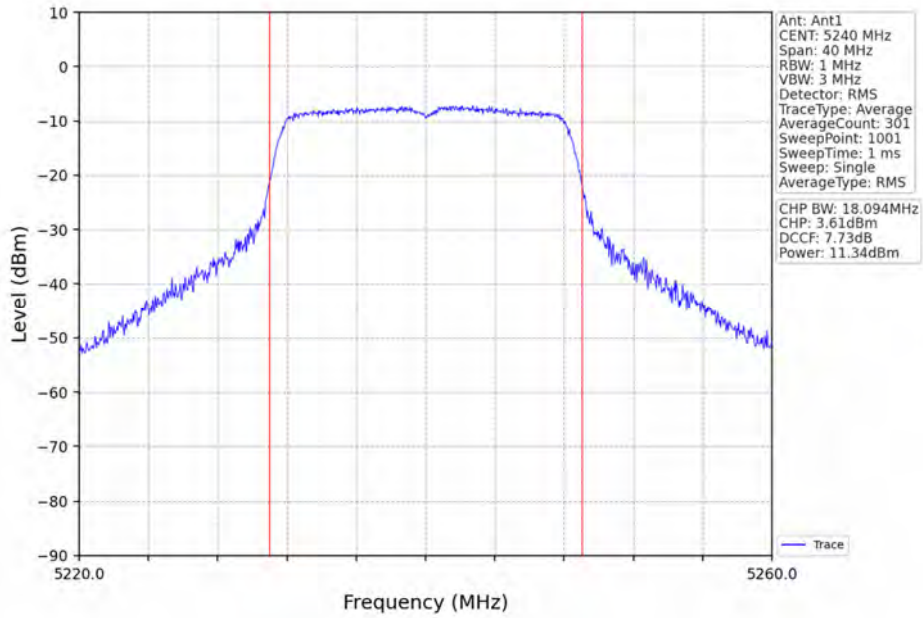
802.11a_MCH_5200MHz_Ant1_NTNV



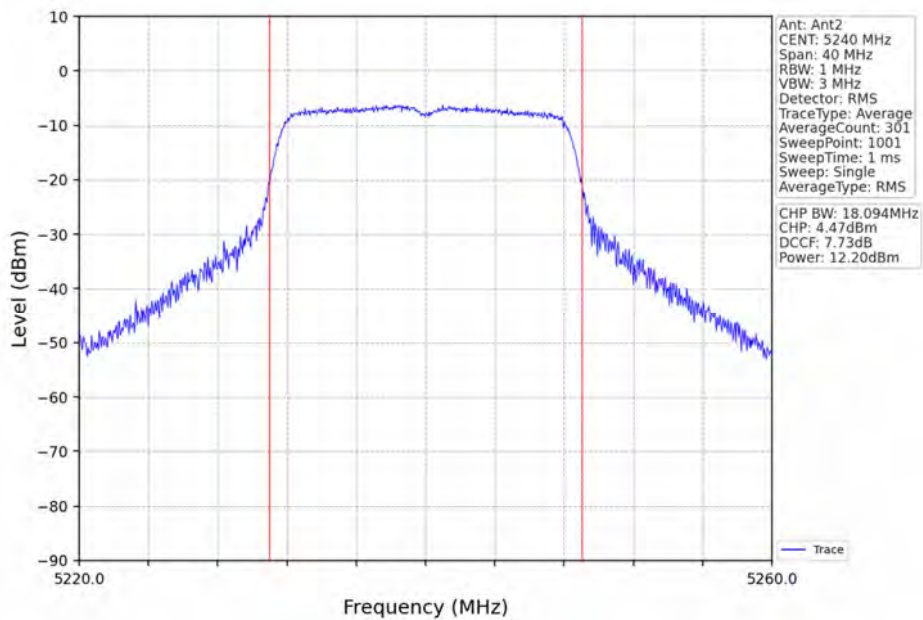
802.11a_MCH_5200MHz_Ant2_NTNV



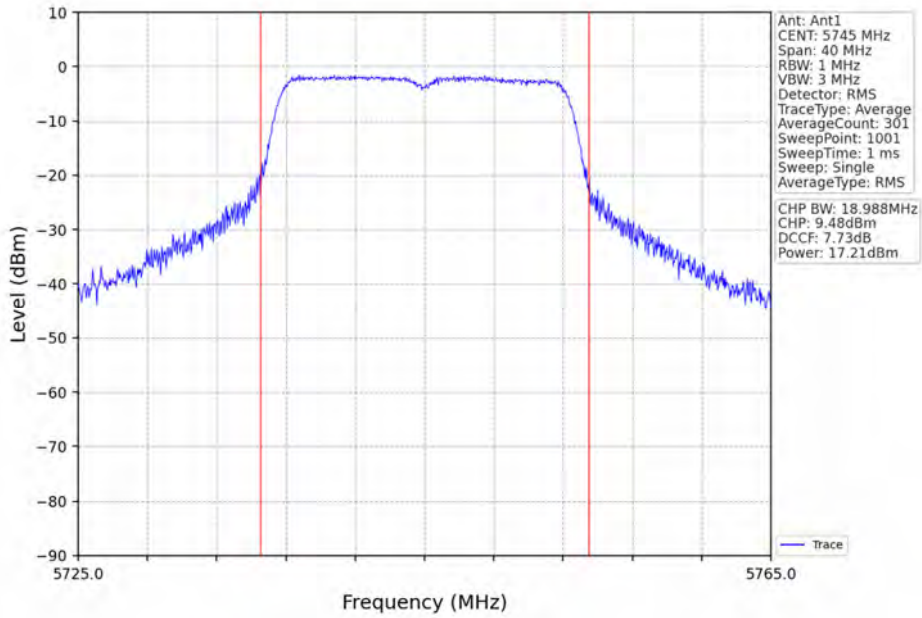
802.11a_HCH_5240MHz_Ant1_NTNV



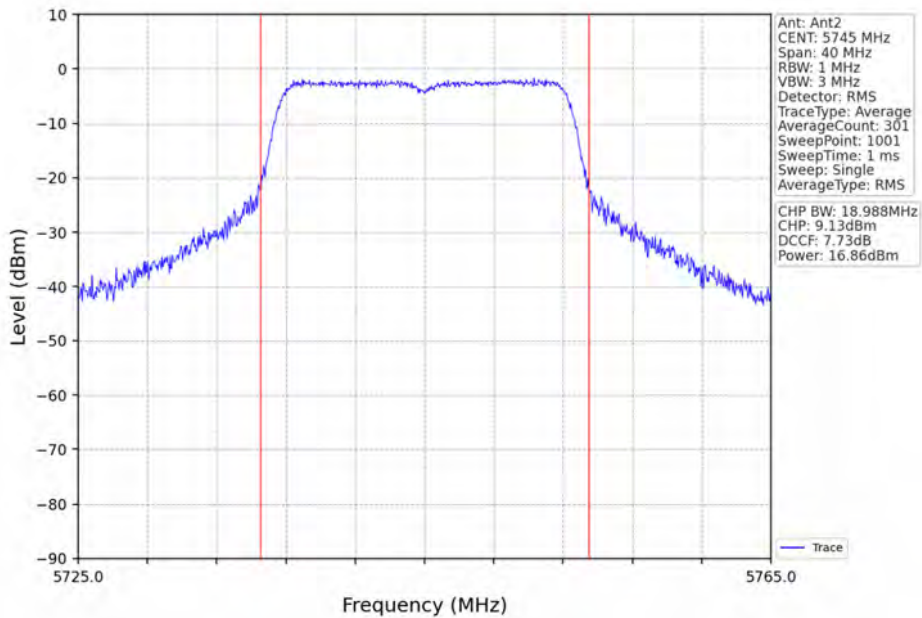
802.11a_HCH_5240MHz_Ant2_NTNV



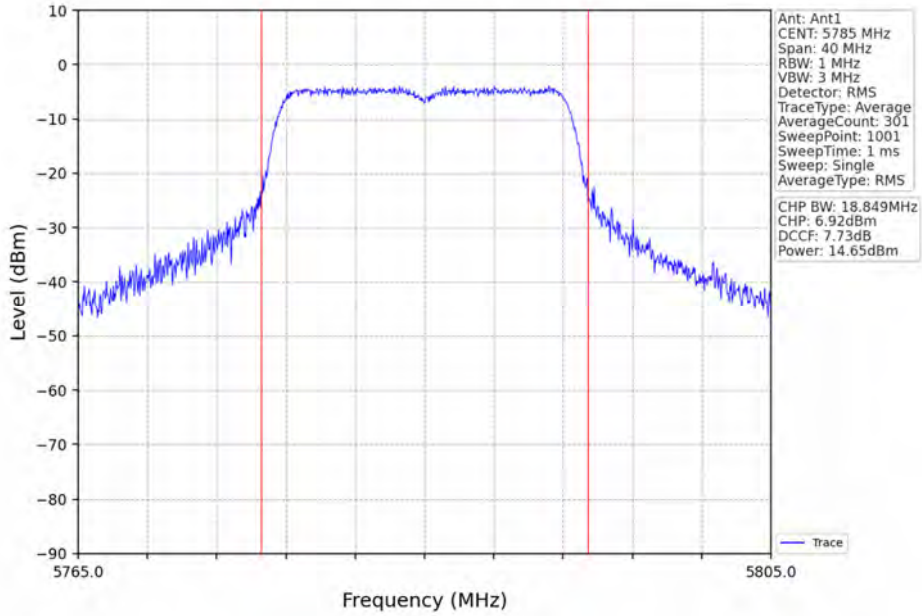
802.11a_LCH_5745MHz_Ant1_NTNV



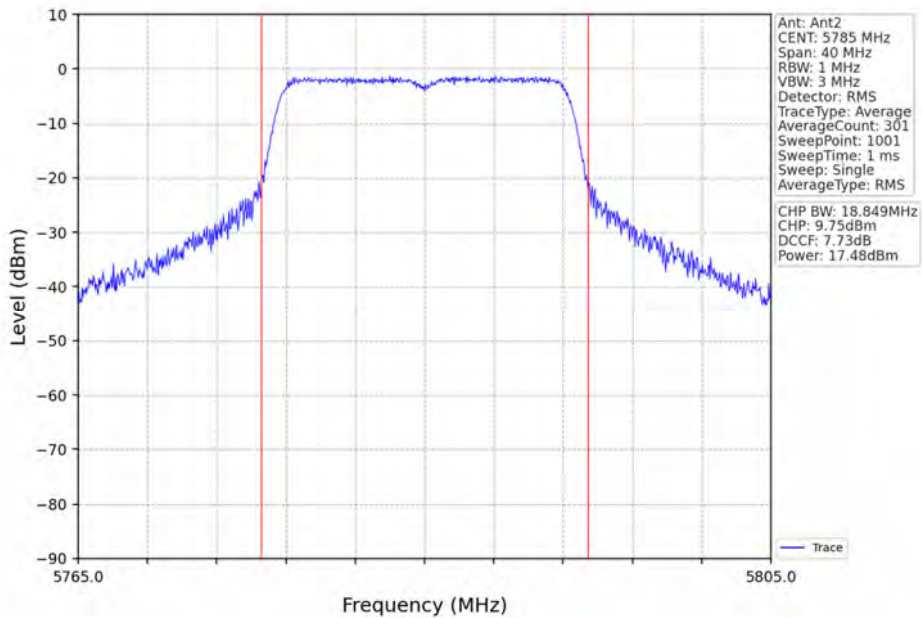
802.11a_LCH_5745MHz_Ant2_NTNV



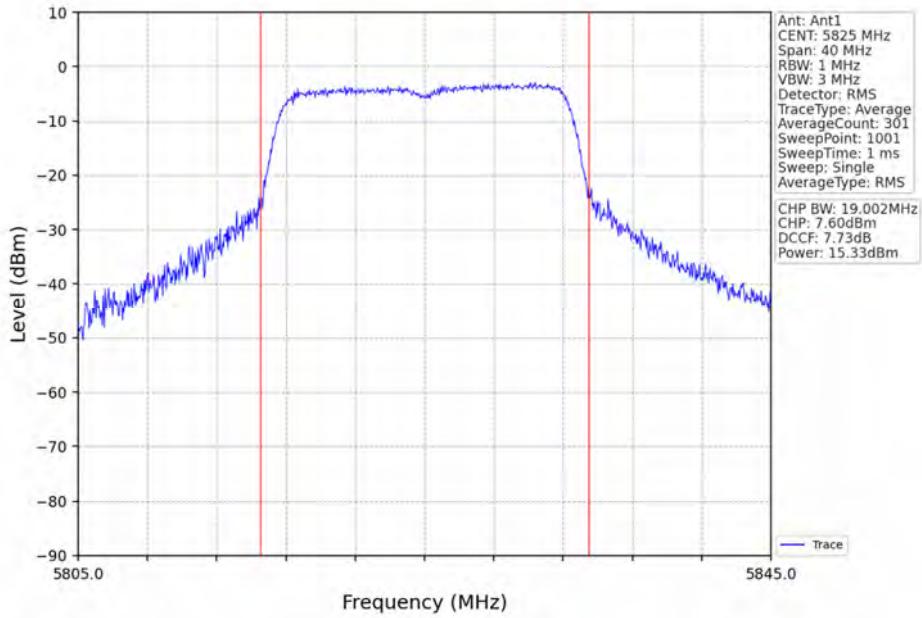
802.11a_MCH_5785MHz_Ant1_NTNV



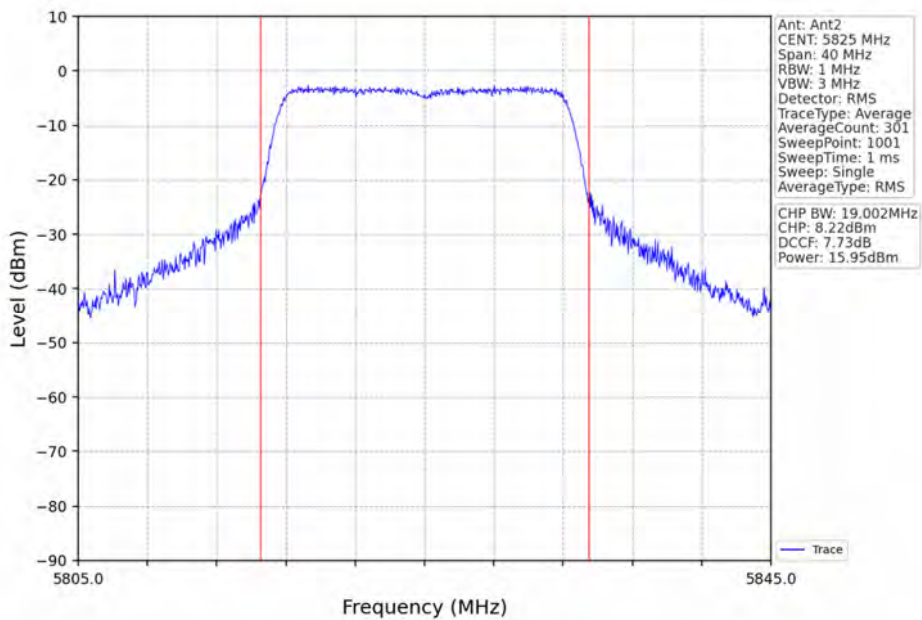
802.11a_MCH_5785MHz_Ant2_NTNV



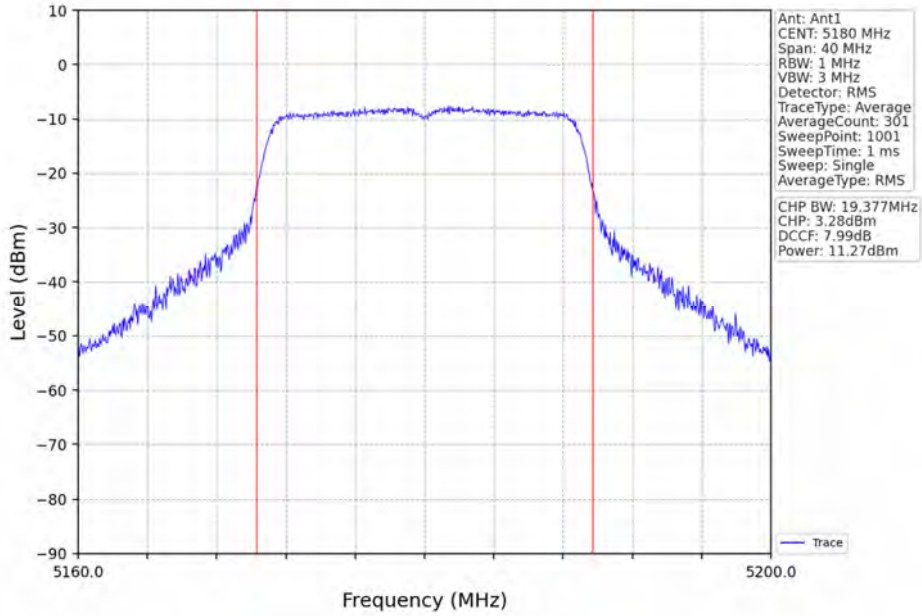
802.11a_HCH_5825MHz_Ant1_NTNV



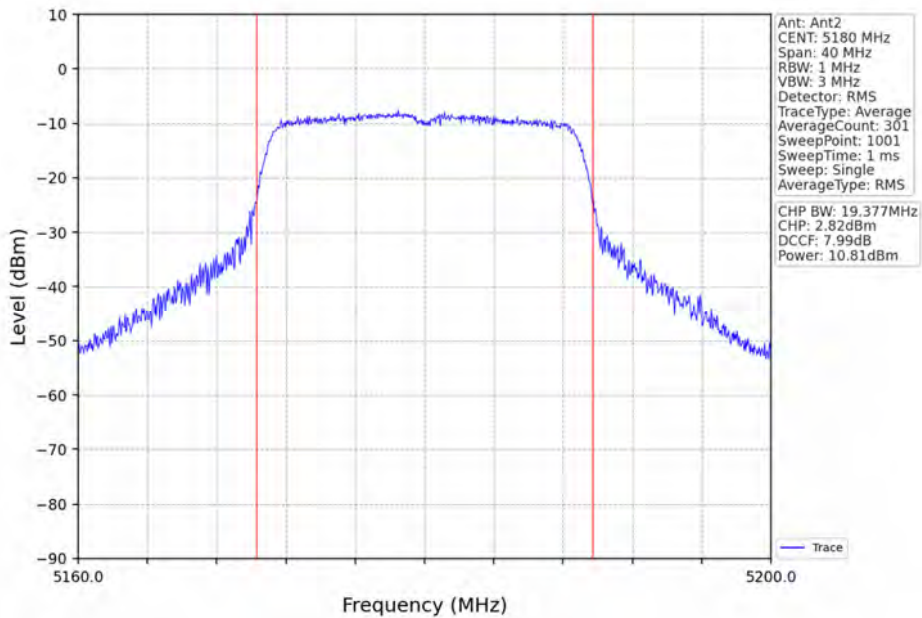
802.11a_HCH_5825MHz_Ant2_NTNV



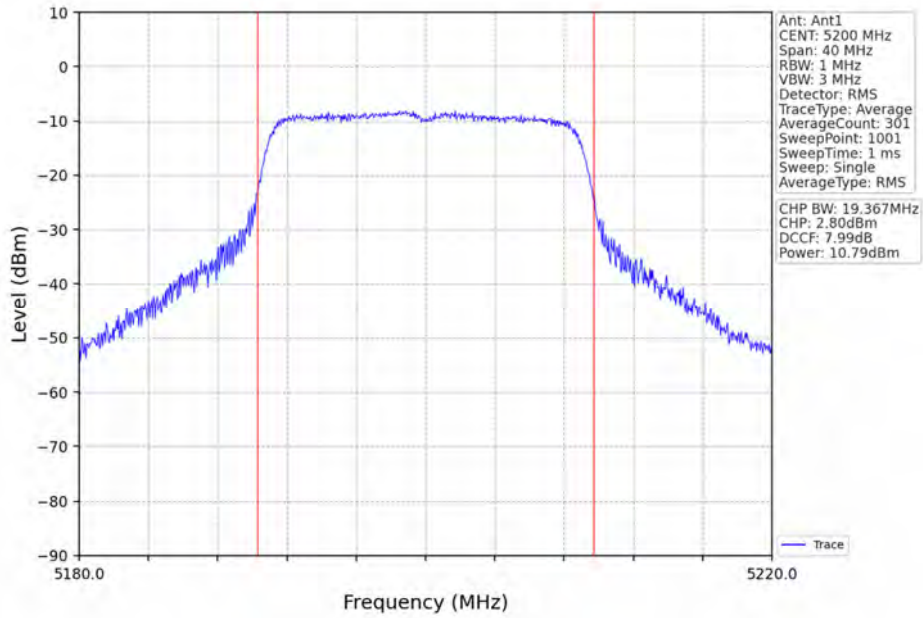
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



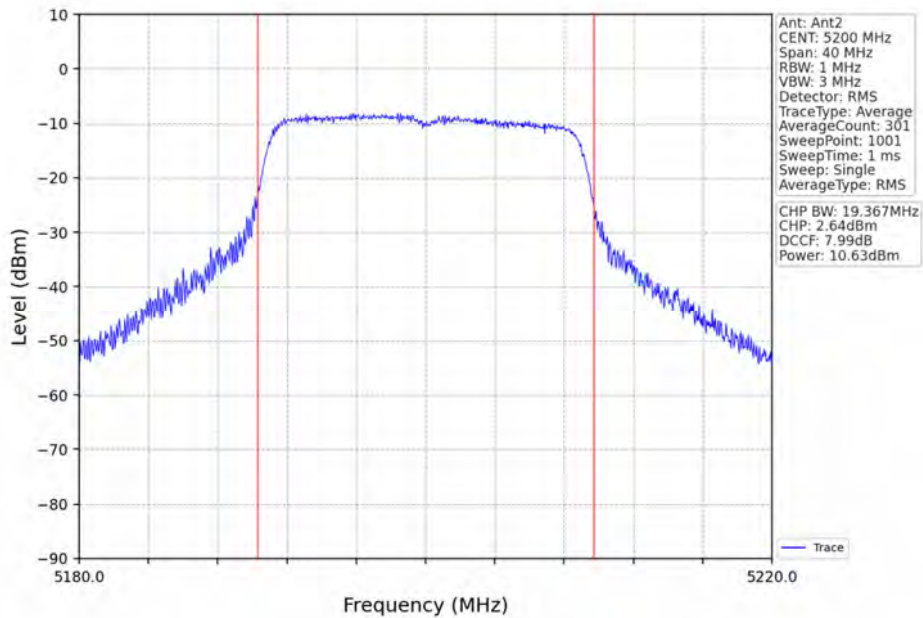
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



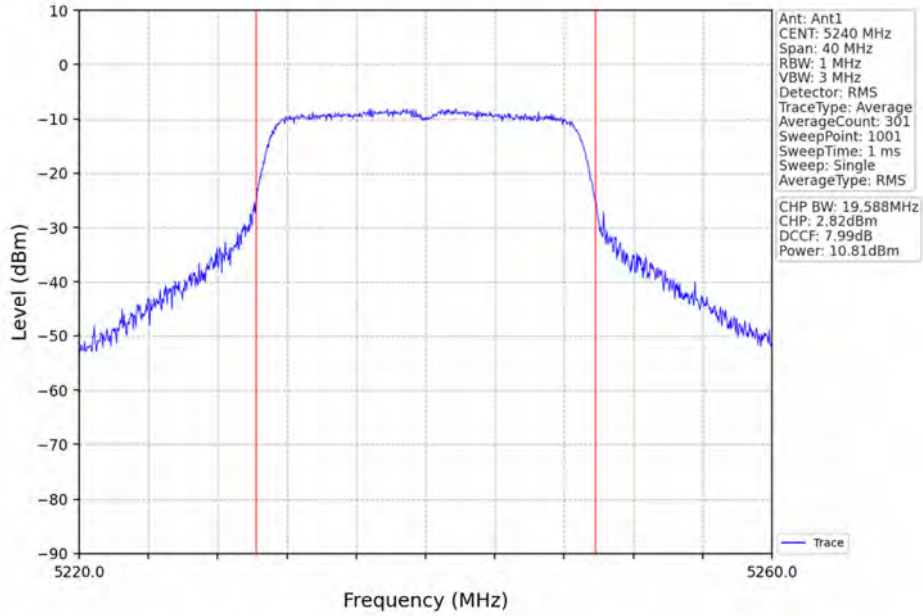
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



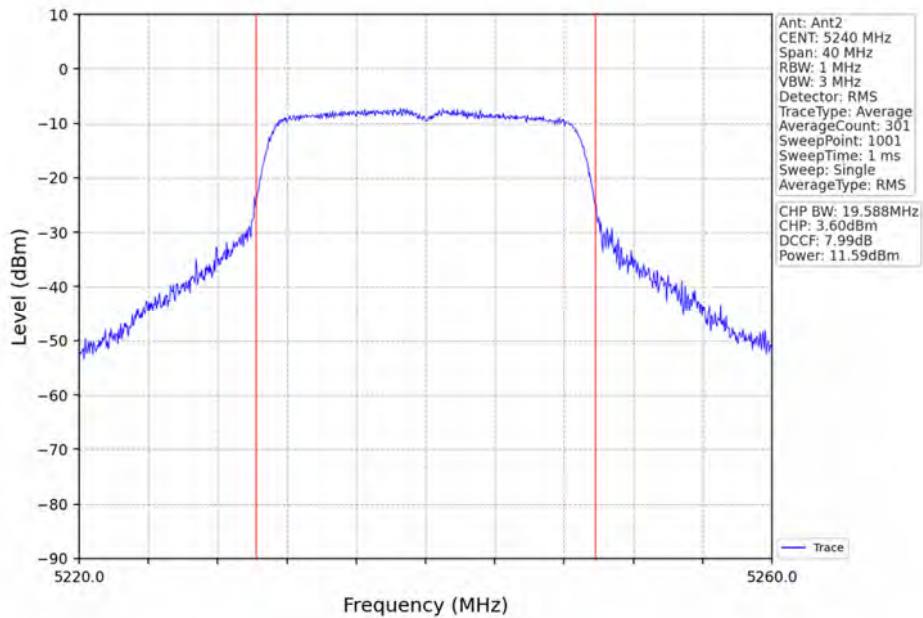
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



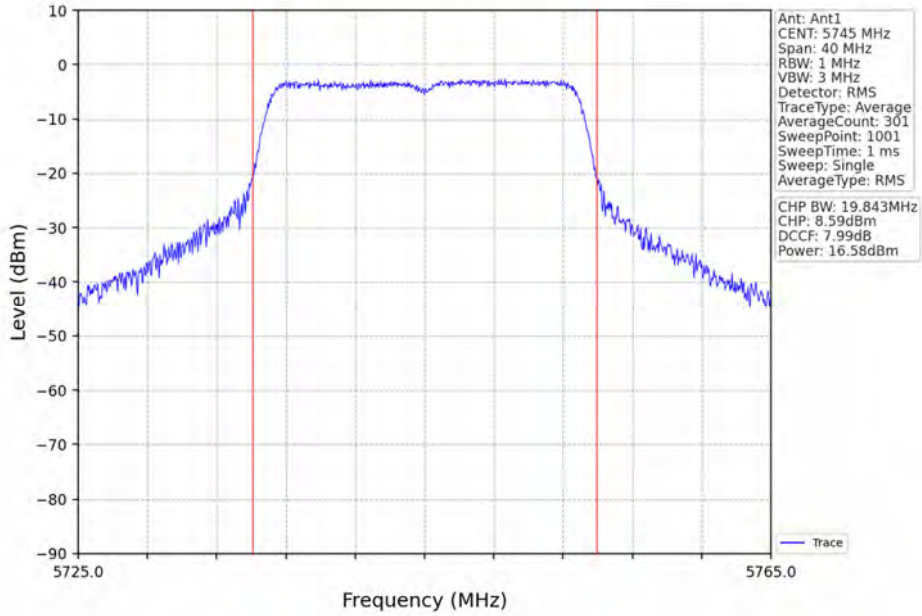
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



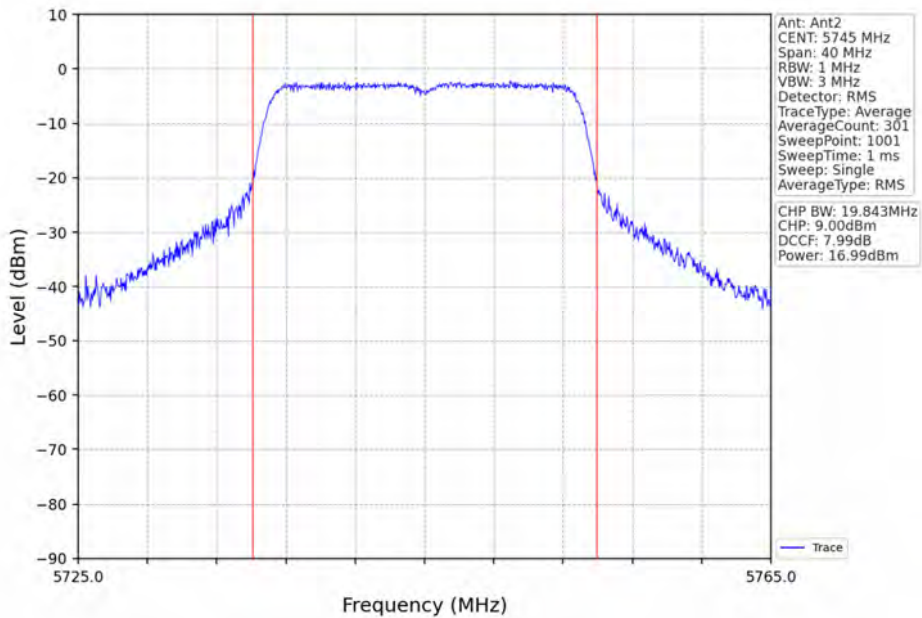
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



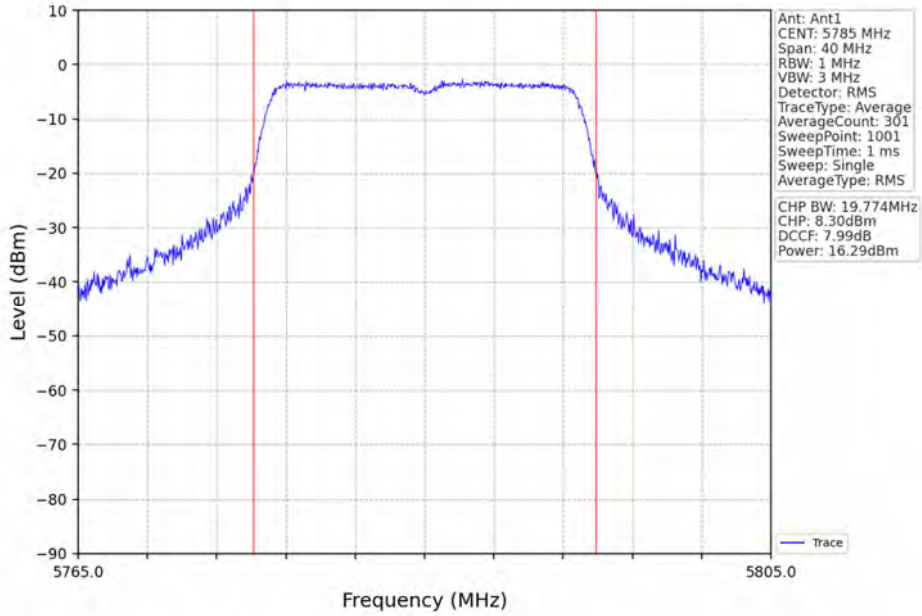
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



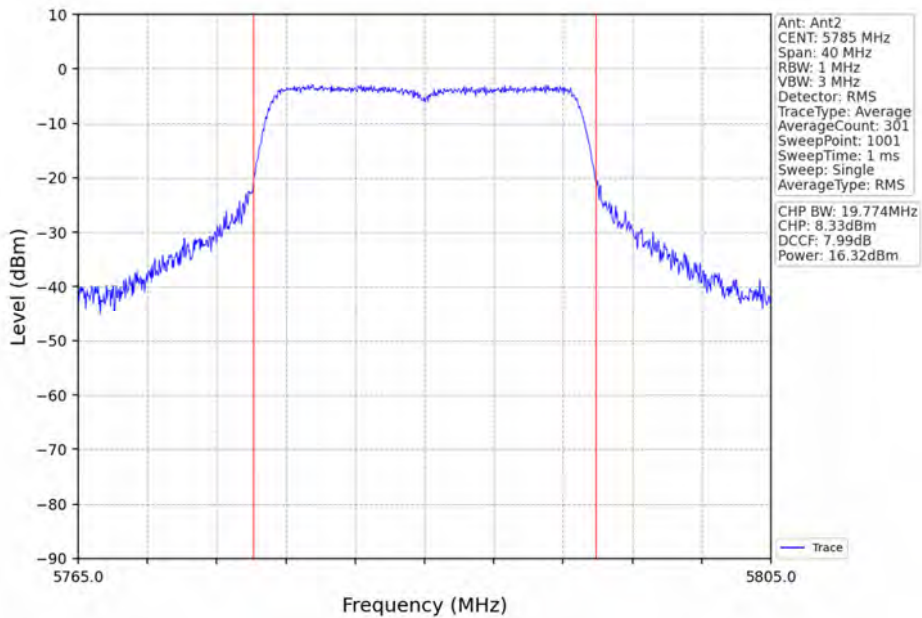
802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



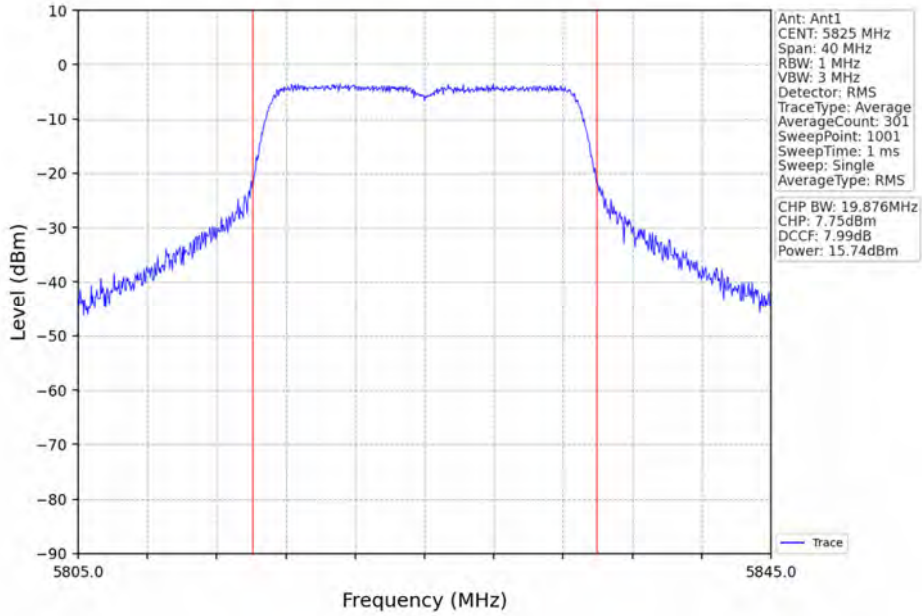
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



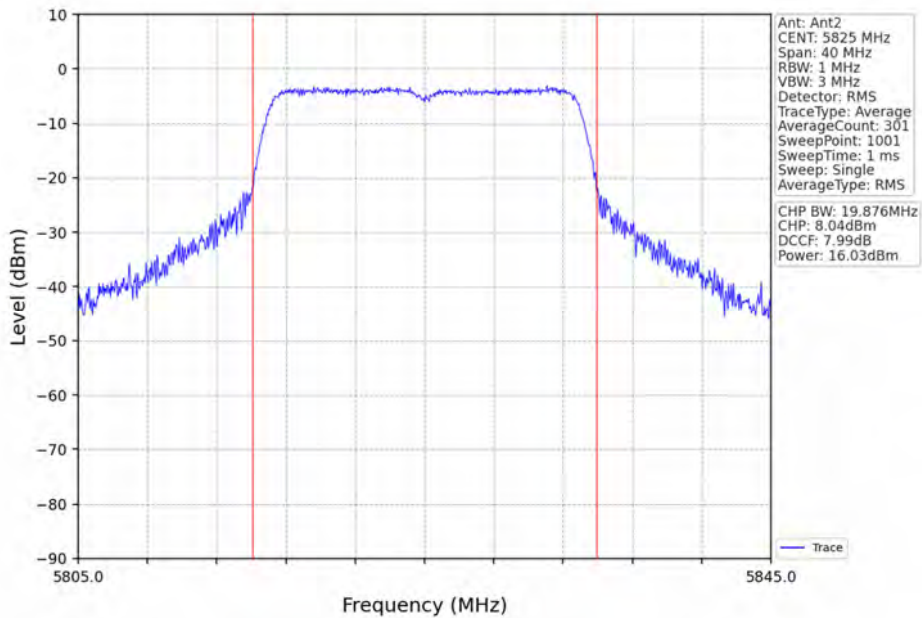
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



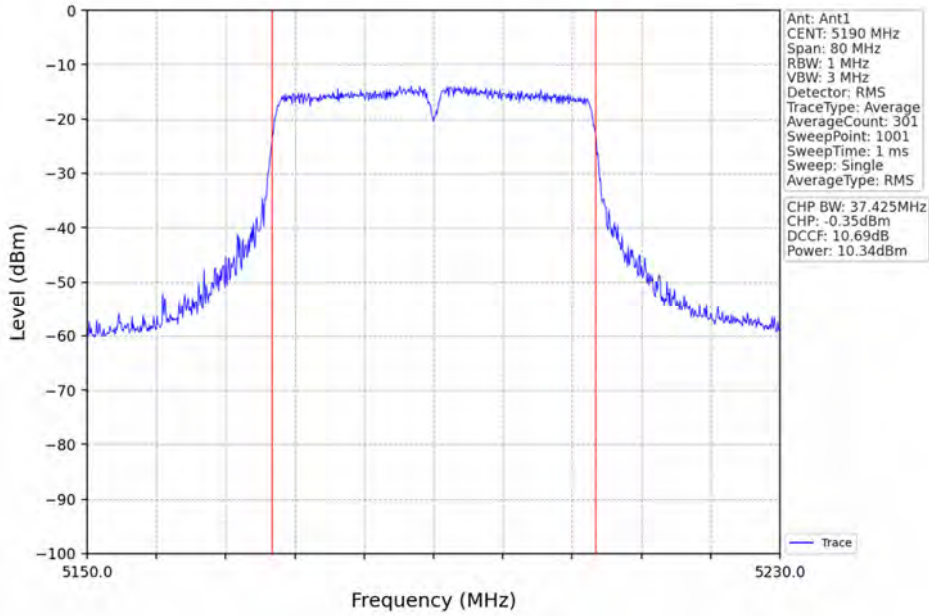
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



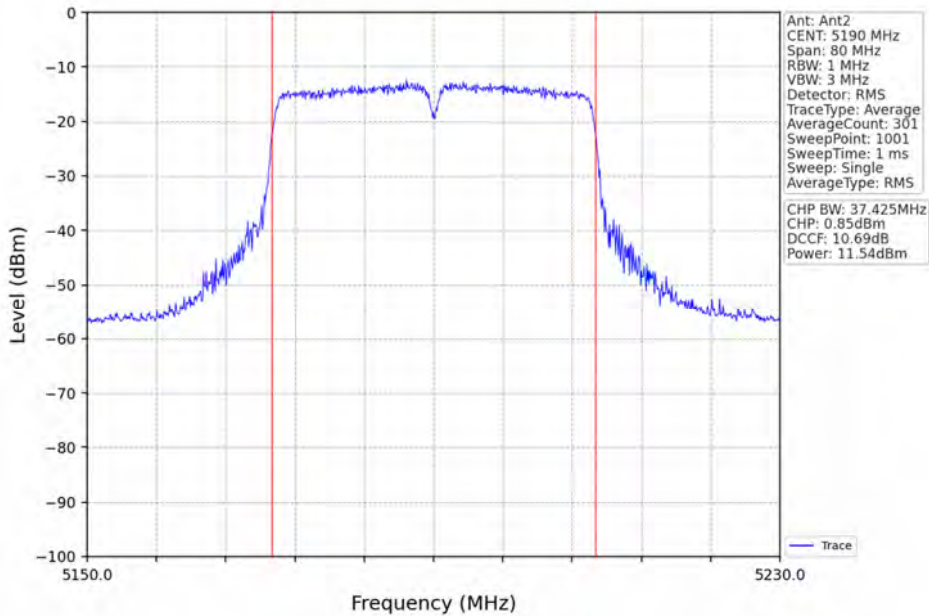
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



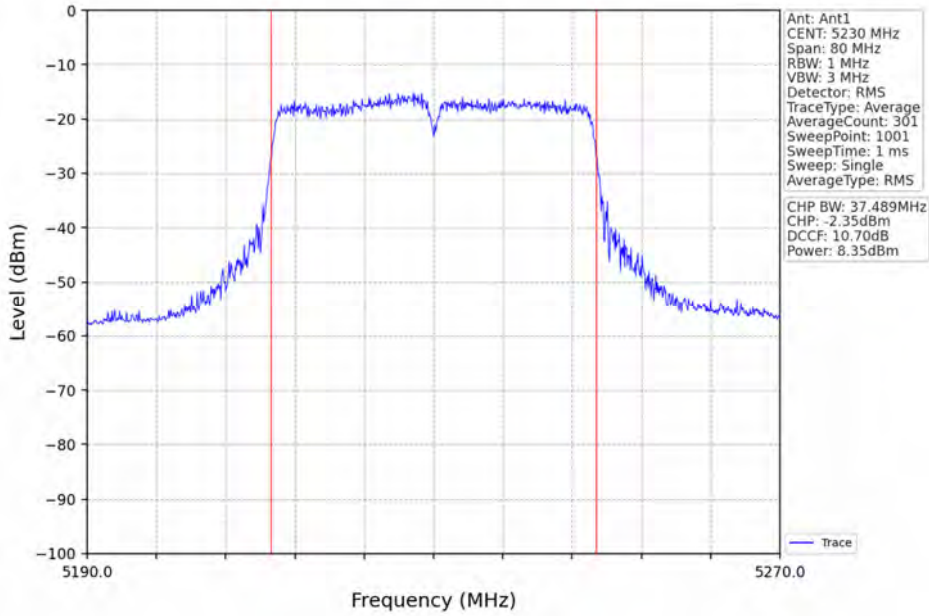
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



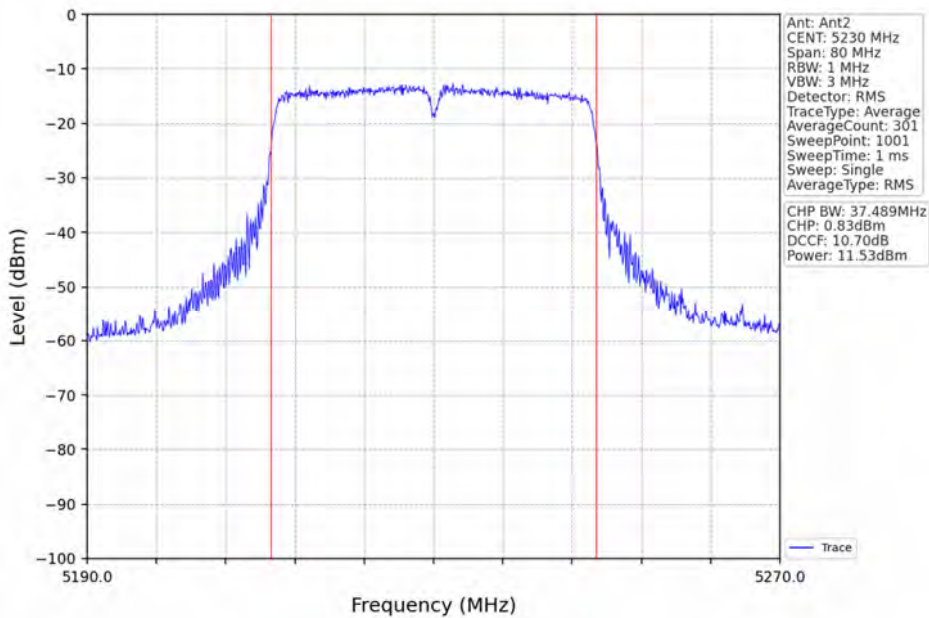
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



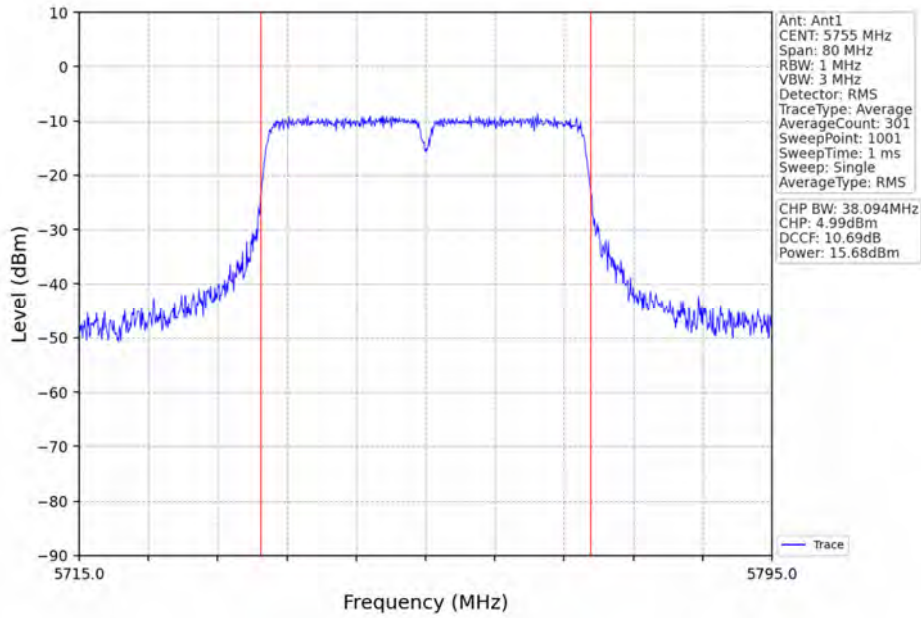
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



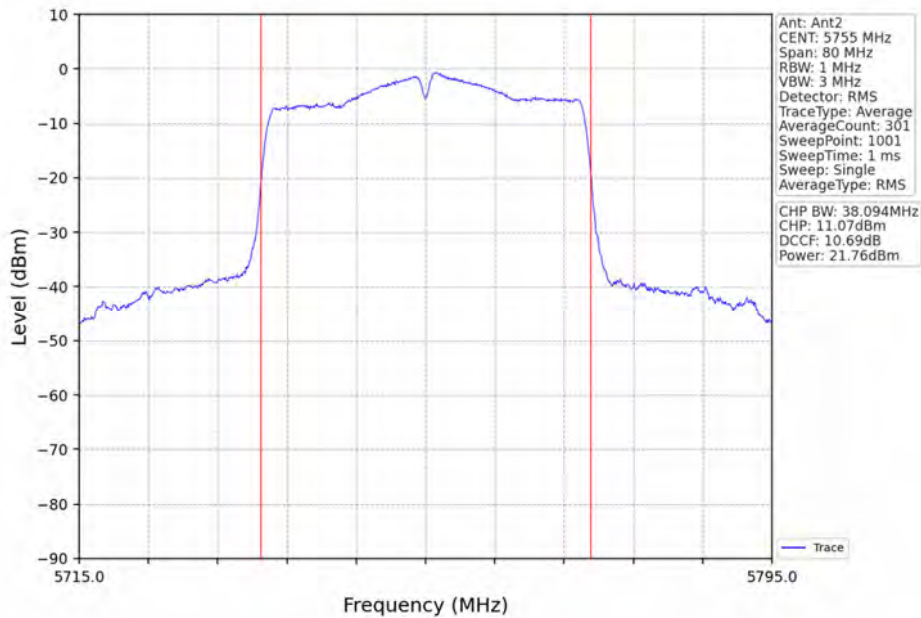
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



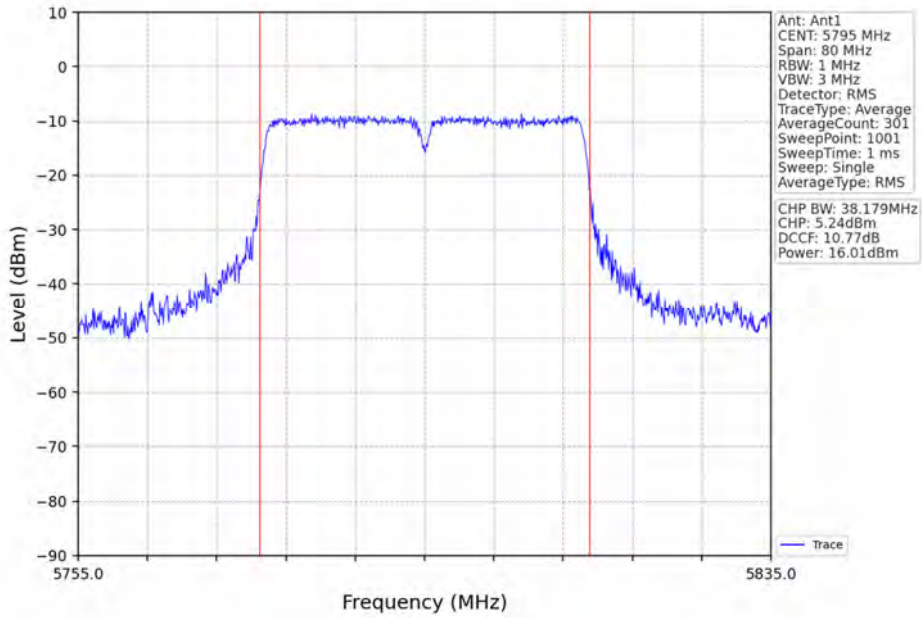
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



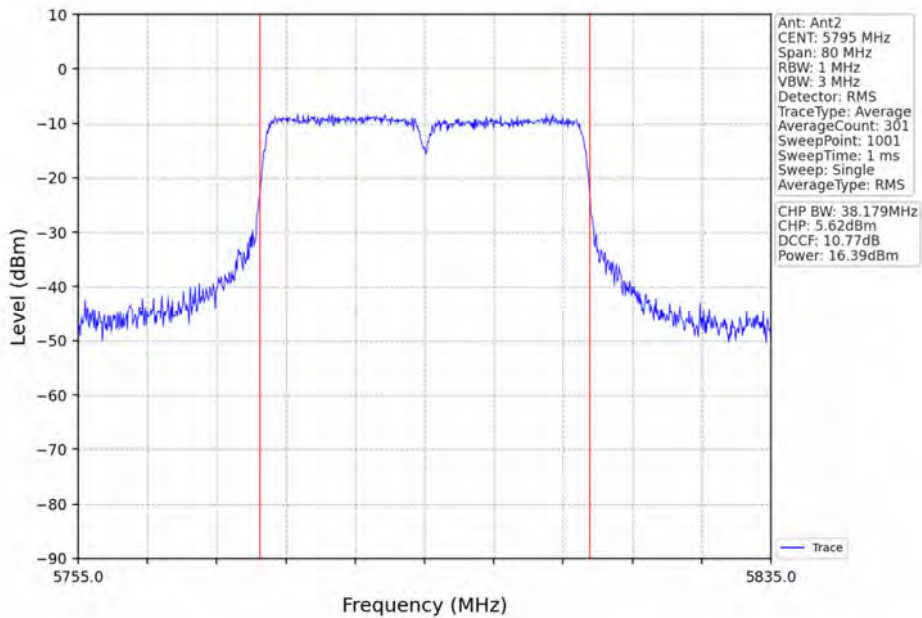
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



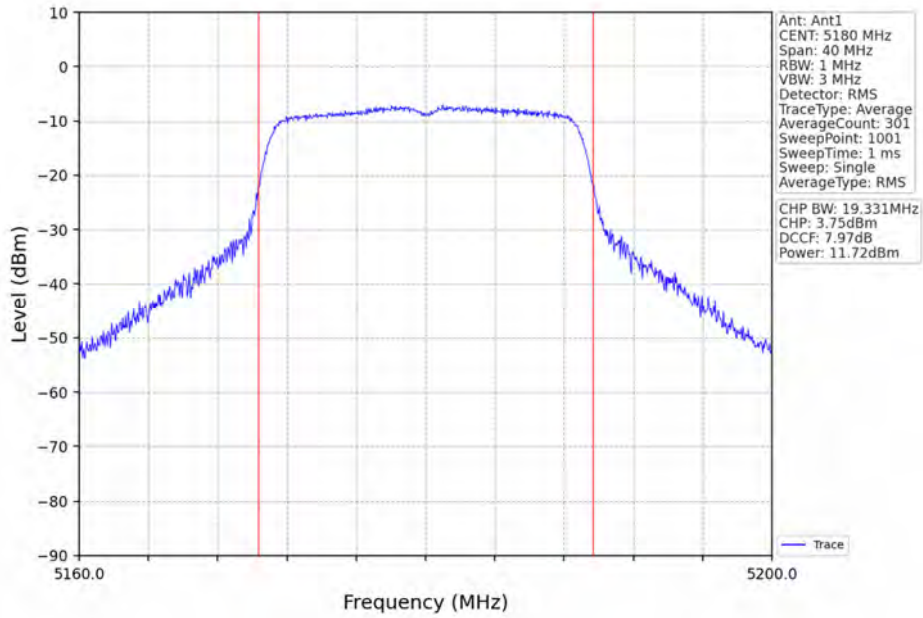
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



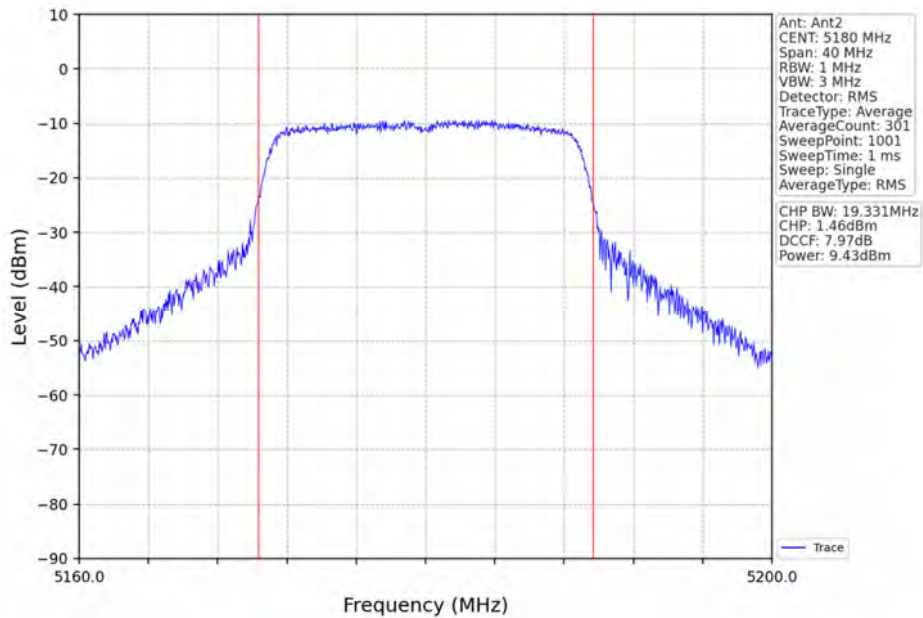
802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



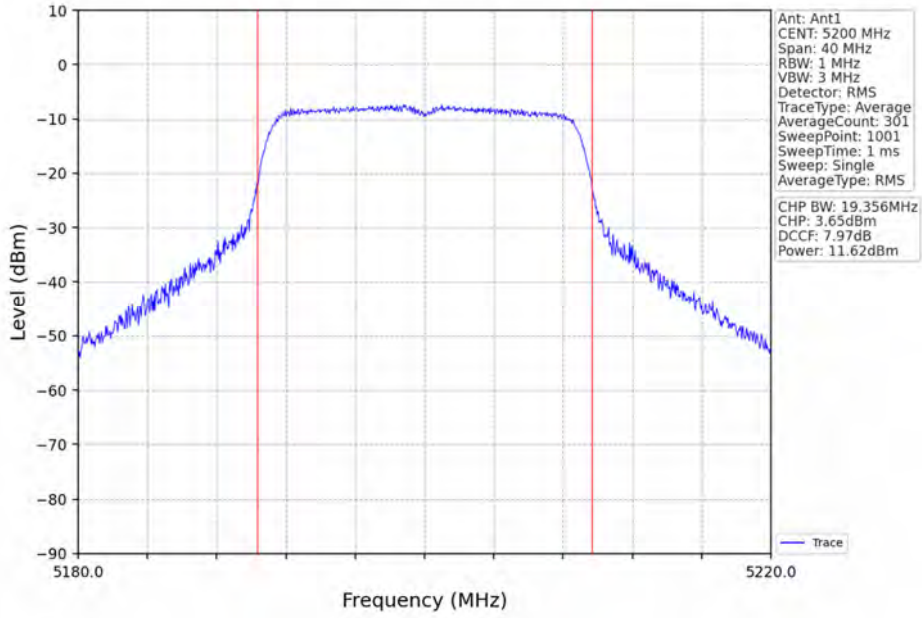
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



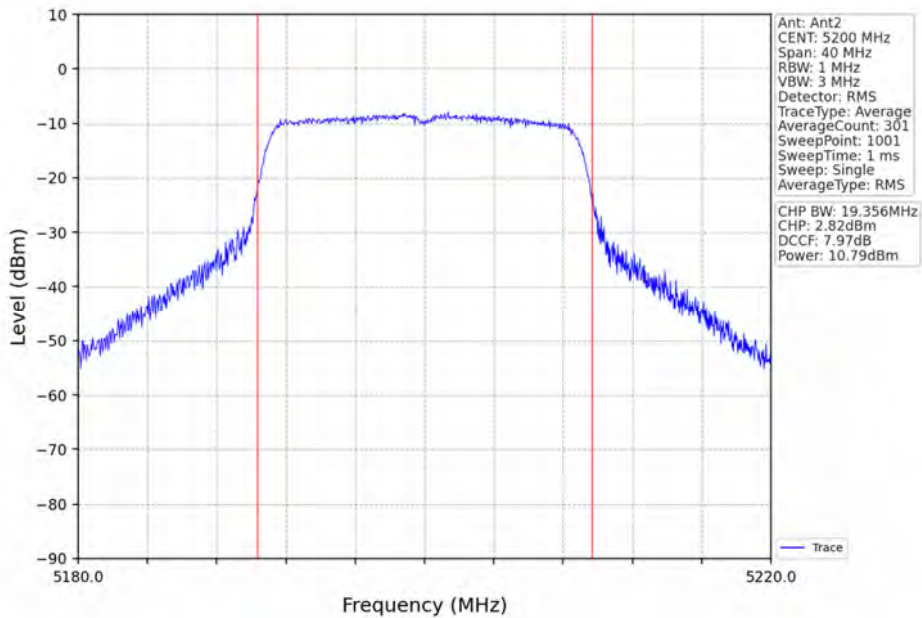
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



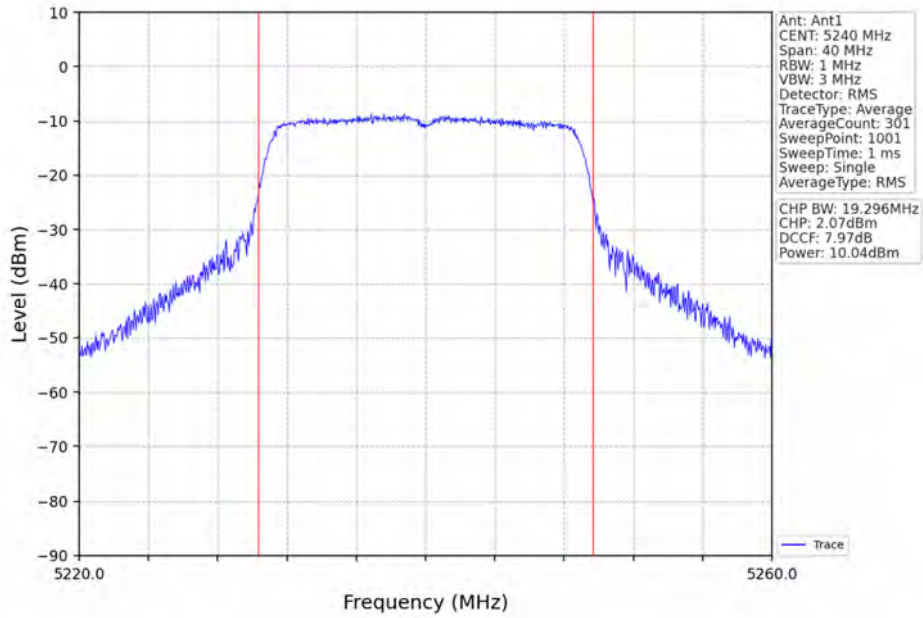
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



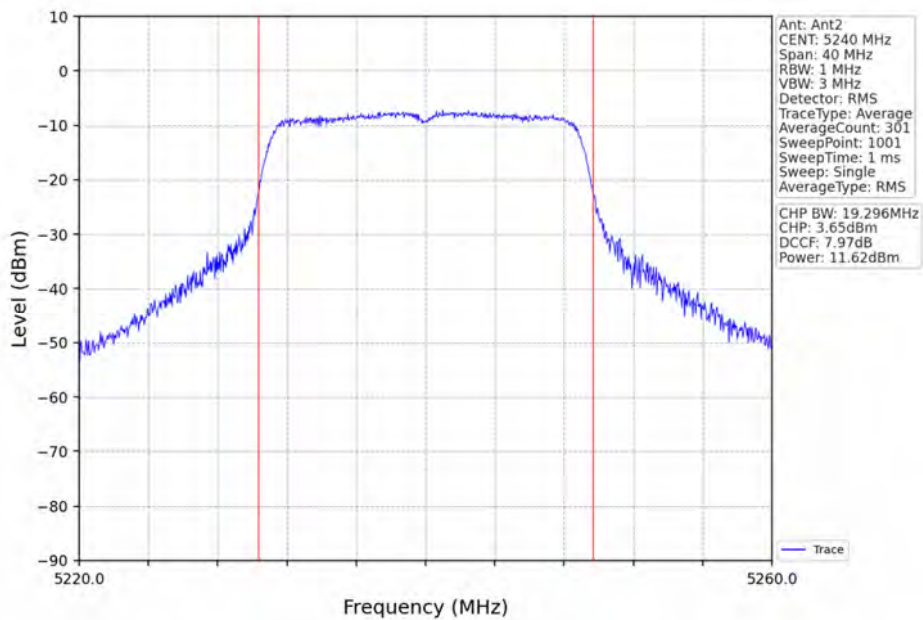
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



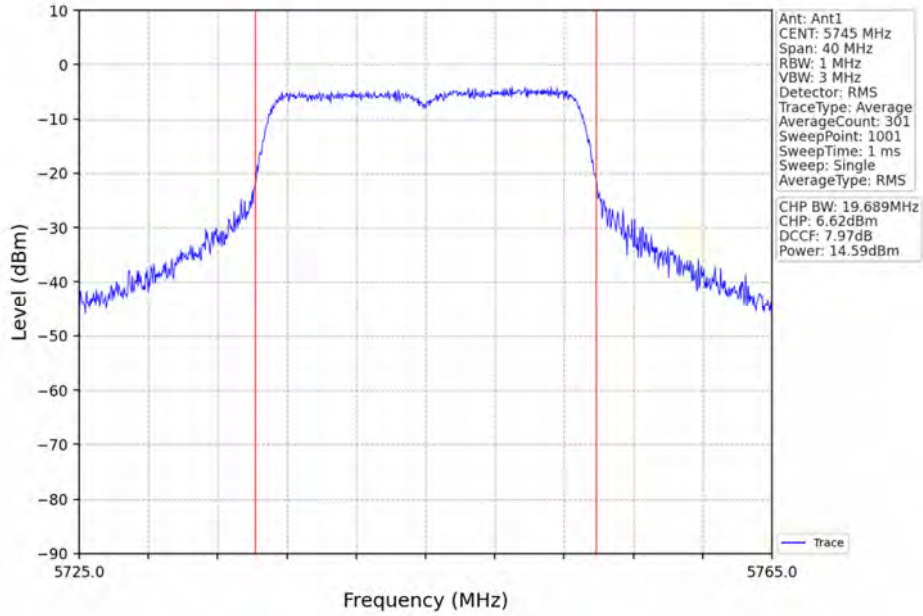
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



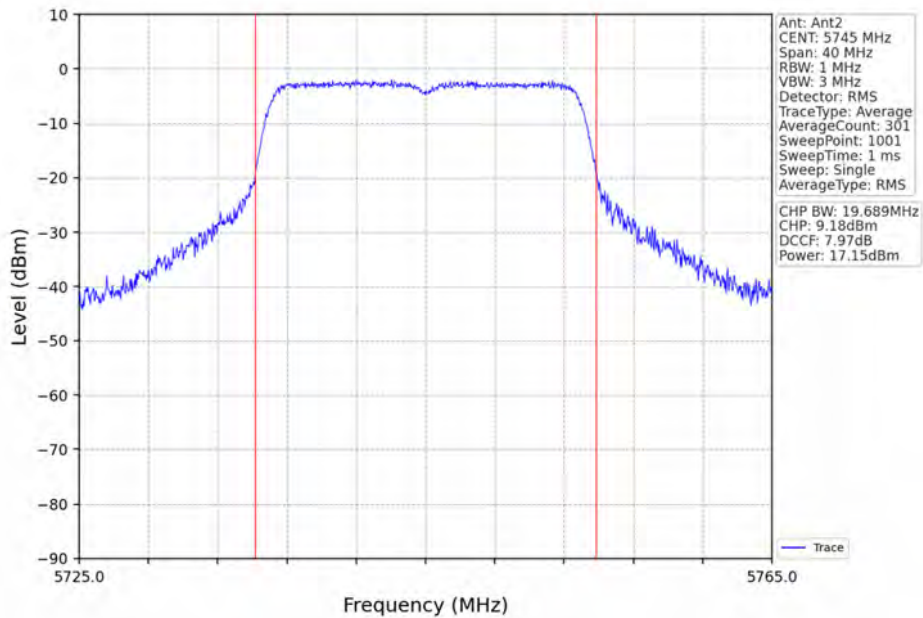
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



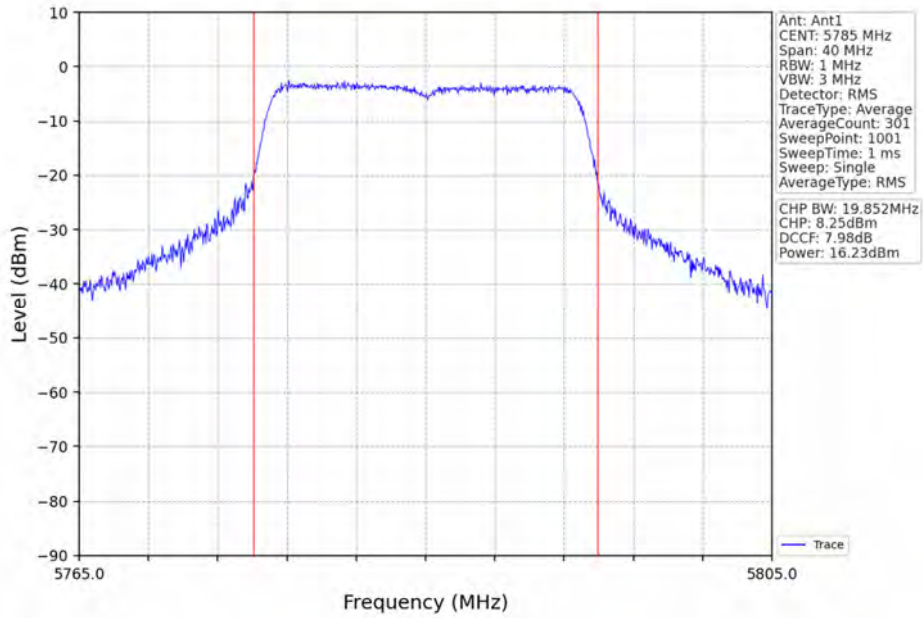
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



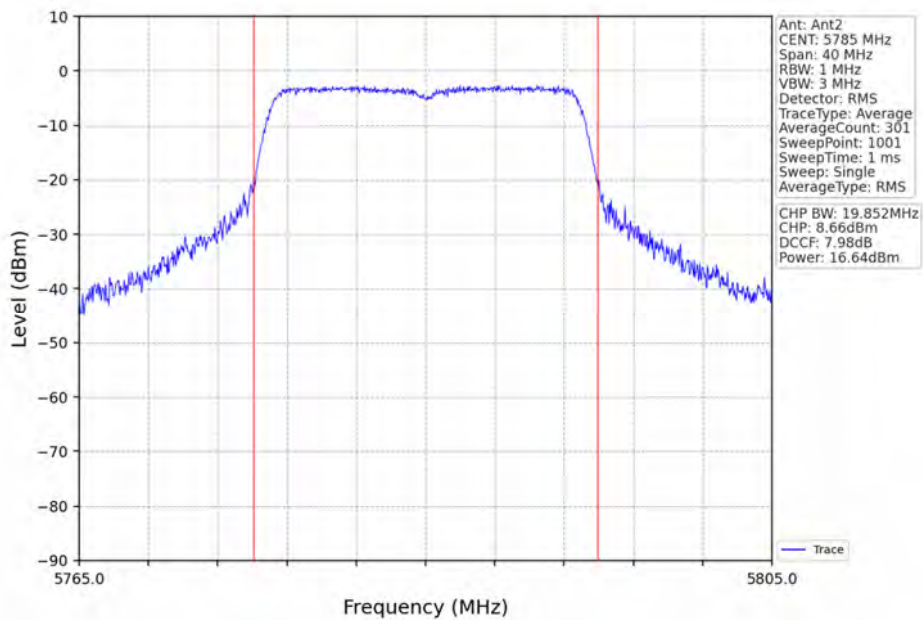
802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



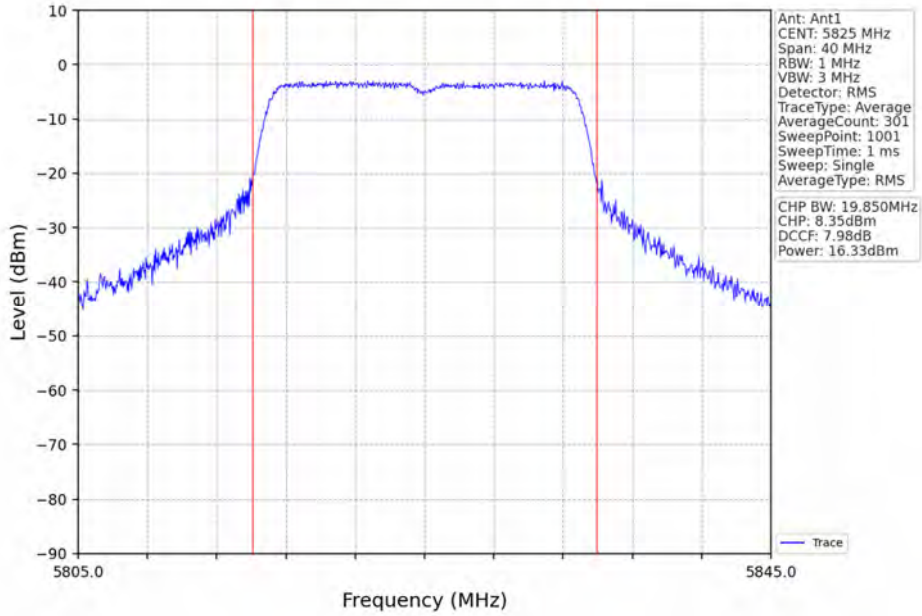
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



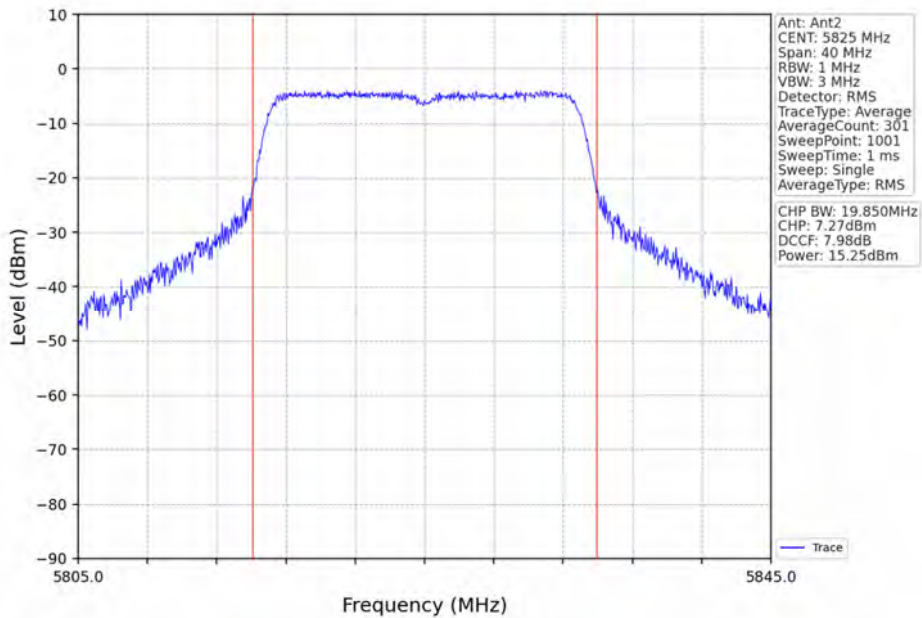
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



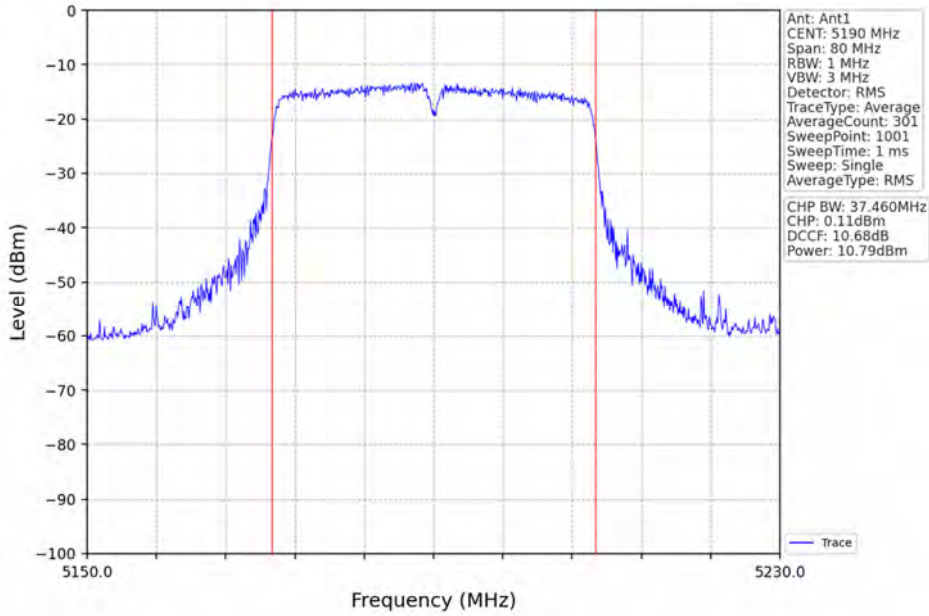
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



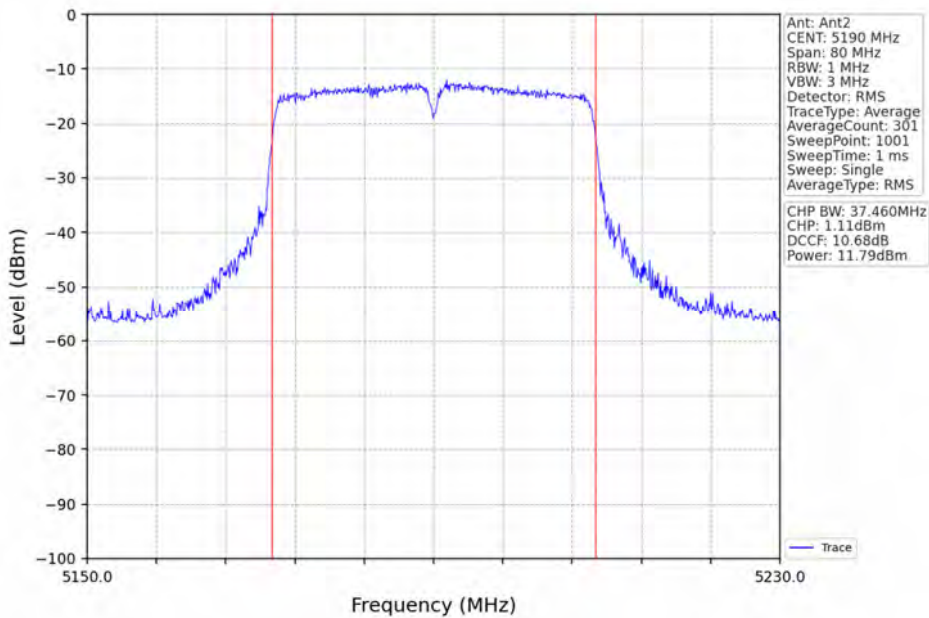
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



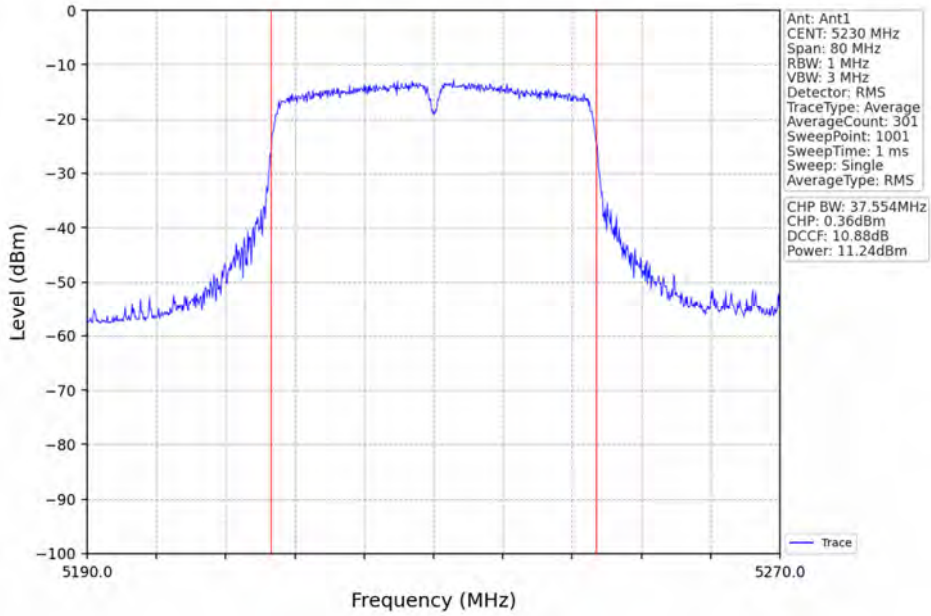
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



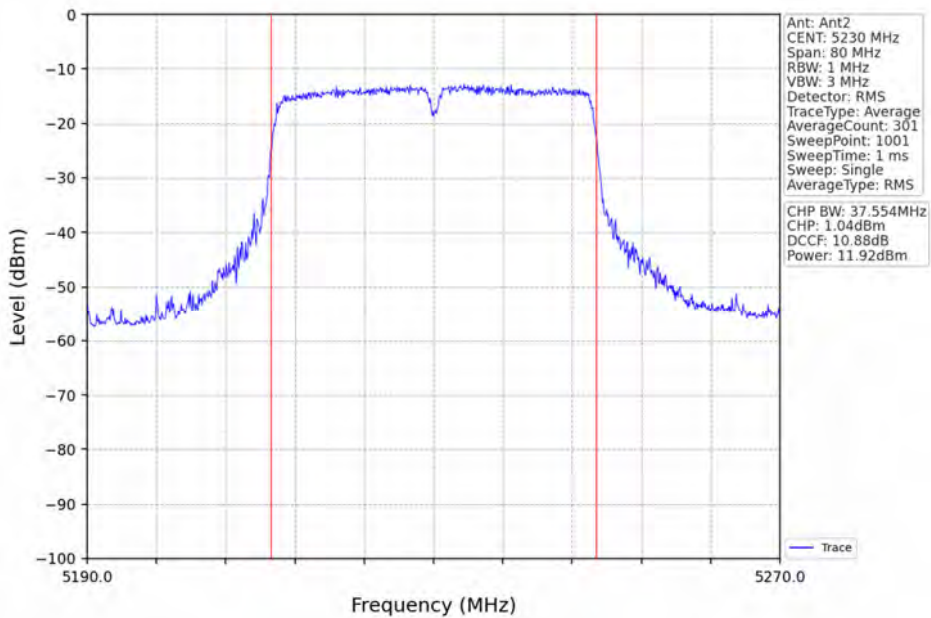
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



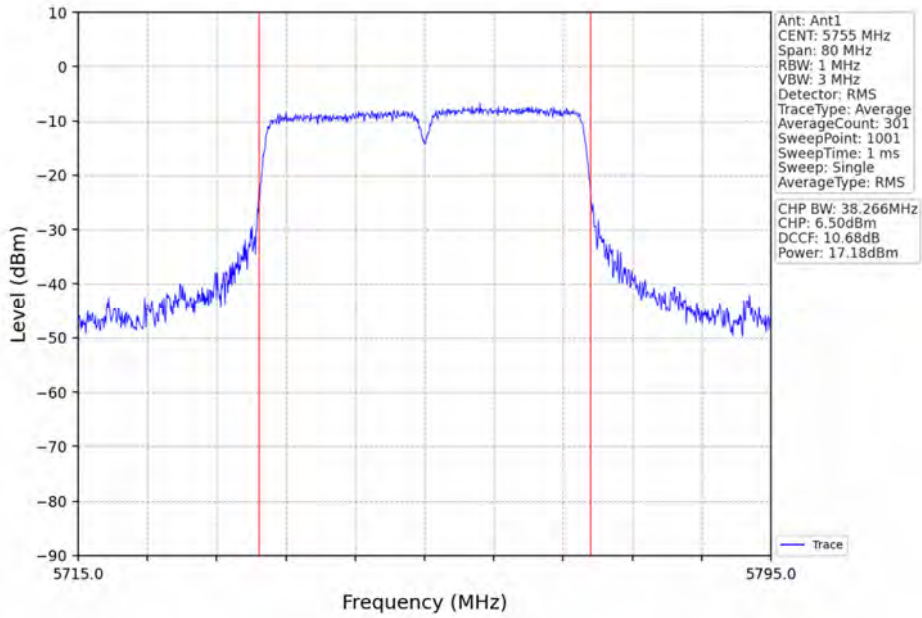
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



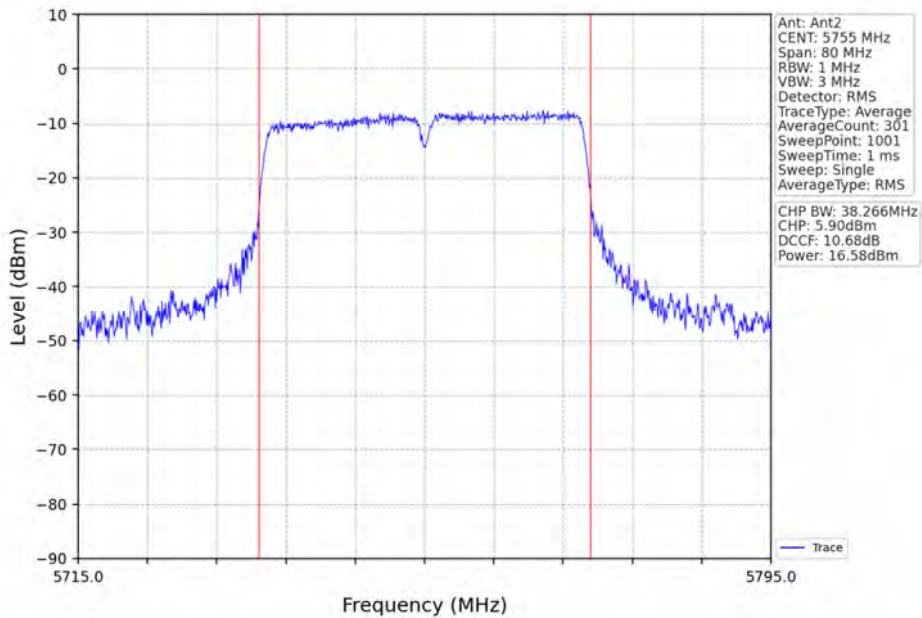
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



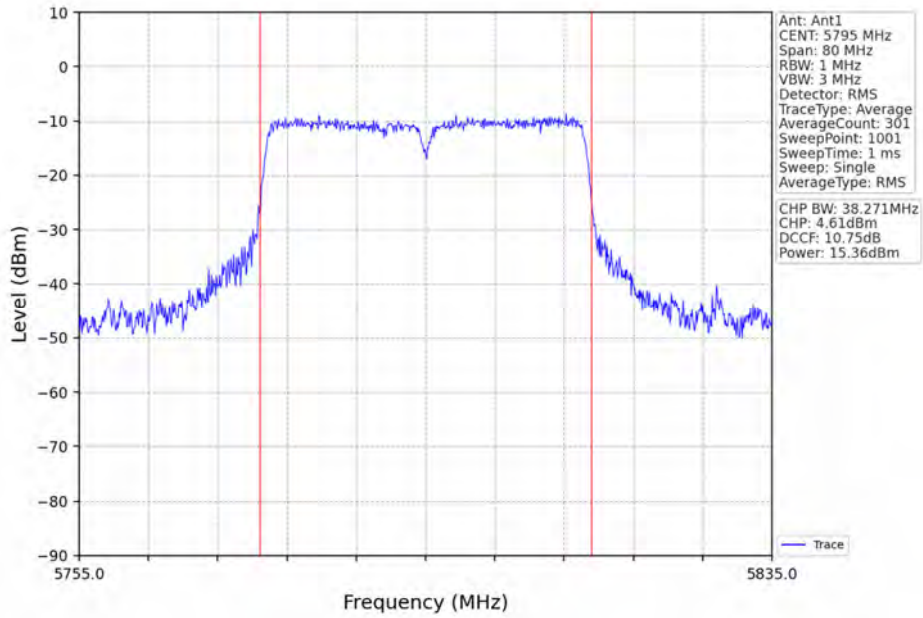
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



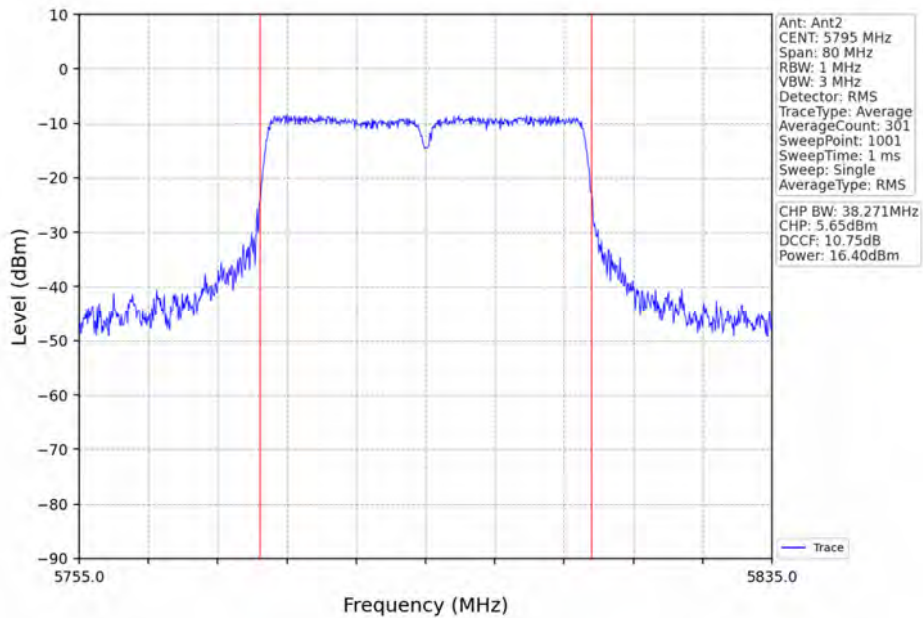
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)			Verdict
					ANT1	ANT2	Limit	
802.11a	SISO	5180	/	/	1.01	1.28	<=11	Pass
		5200	/	/	1.10	1.75	<=11	Pass
		5240	/	/	-0.98	1.41	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	0.68	0.47	<=11	Pass
		5200	/	/	0.13	0.48	<=11	Pass
		5240	/	/	-1.16	0.14	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-2.44	-1.57	<=11	Pass
		5230	/	/	-3.13	-2.04	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	-0.66	1.50	<=11	Pass
		5200	/	/	-1.45	0.27	<=11	Pass
		5240	/	/	-0.80	-0.45	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-2.43	-2.27	<=11	Pass
		5230	/	/	-3.32	-2.65	<=11	Pass

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11n (HT20)	SISO	5180	/	/	0.68	0.47	3.59	<=11	Pass
		5200	/	/	0.13	0.48	3.32	<=11	Pass
		5240	/	/	-1.16	0.14	2.55	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-2.44	-1.57	1.03	<=11	Pass
		5230	/	/	-3.13	-2.04	0.46	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	-0.66	1.50	3.56	<=11	Pass
		5200	/	/	-1.45	0.27	2.50	<=11	Pass
		5240	/	/	-0.80	-0.45	2.39	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-2.43	-2.27	0.66	<=11	Pass
		5230	/	/	-3.32	-2.65	0.04	<=11	Pass

Note1: Antenna Gain: Ant1: 2.77dBi; Ant2: 2.77dBi;

Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain= 2.77dBi)

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)			Verdict
					ANT1	ANT2	Limit	
802.11a	SISO	5745	/	/	1.30	3.39	<=30	Pass
		5785	/	/	2.47	2.78	<=30	Pass
		5825	/	/	2.43	2.44	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	3.05	1.81	<=30	Pass
		5785	/	/	1.72	2.21	<=30	Pass
		5825	/	/	0.73	2.66	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	0.62	7.73	<=30	Pass
		5795	/	/	-0.51	0.50	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	2.04	2.61	<=30	Pass
		5785	/	/	1.82	3.26	<=30	Pass
		5825	/	/	1.39	2.25	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	0.10	0.90	<=30	Pass
		5795	/	/	-0.51	0.39	<=30	Pass

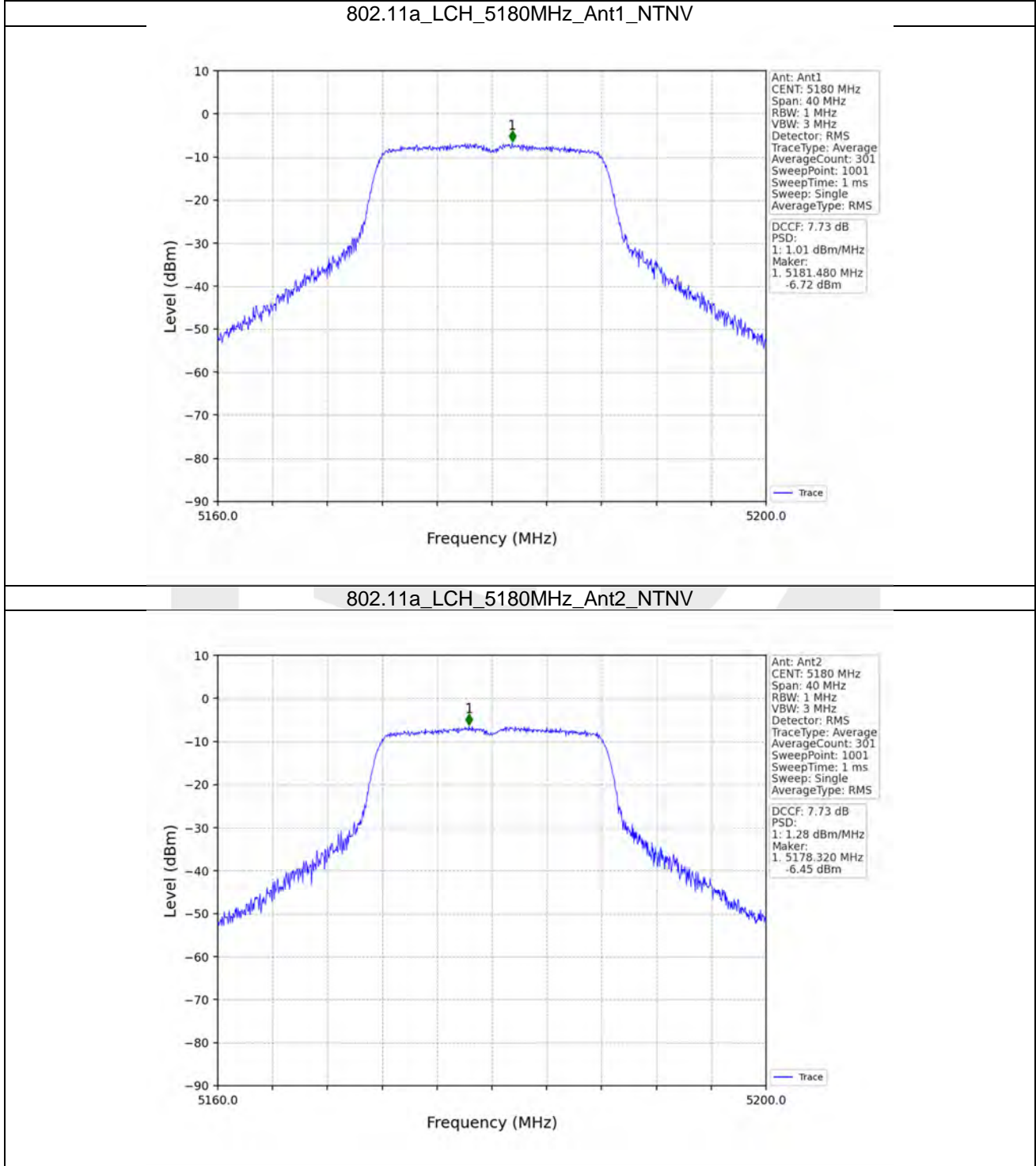
Note1: Antenna Gain: Ant1: 3.97dBi; Ant2: 3.97dBi;

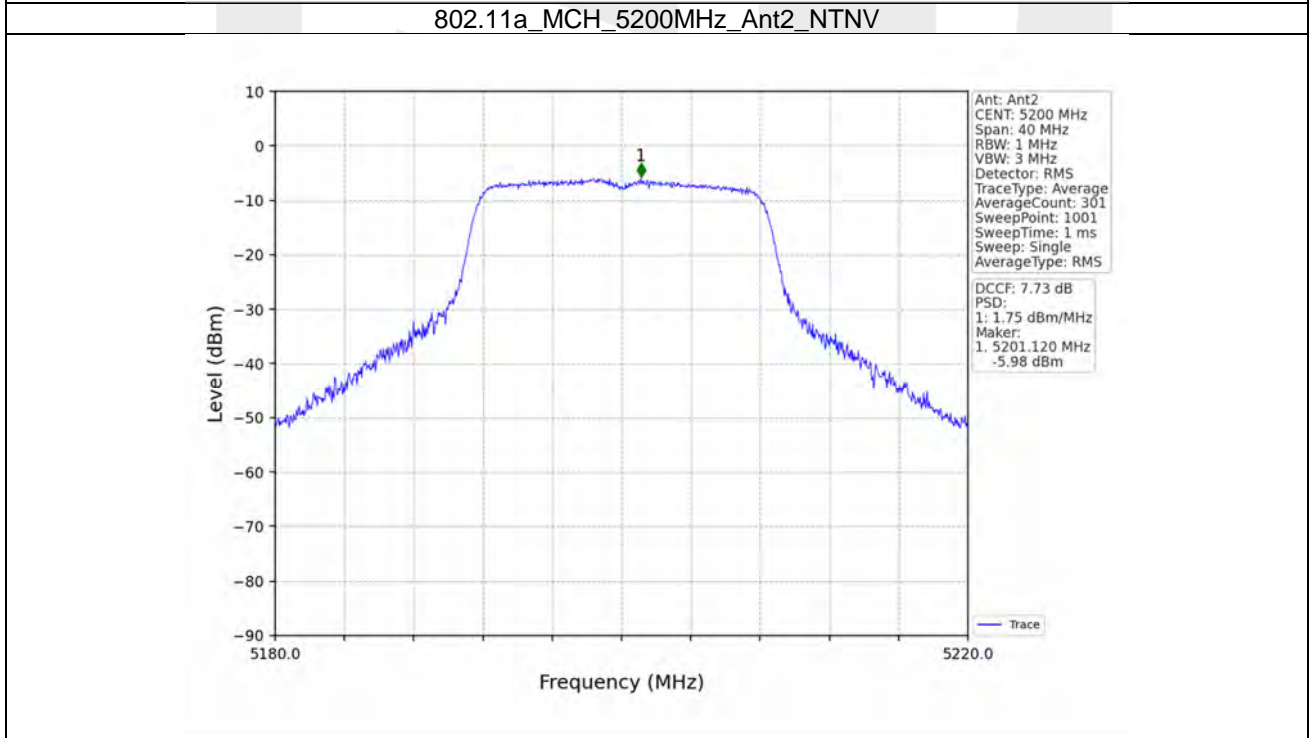
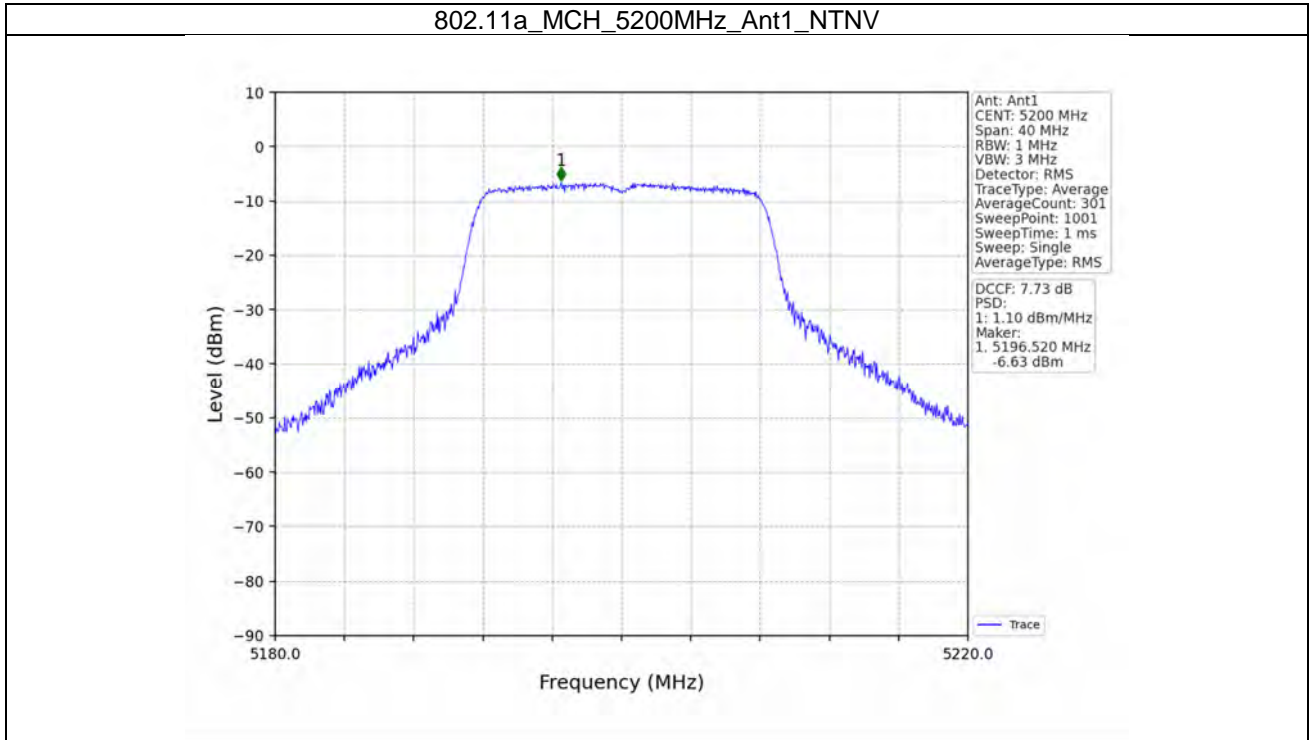
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11n (HT20)	SISO	5745	/	/	3.05	1.81	5.48	<=30	Pass
		5785	/	/	1.72	2.21	4.98	<=30	Pass
		5825	/	/	0.73	2.66	4.81	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	0.62	7.73	8.50	<=30	Pass
		5795	/	/	-0.51	0.50	3.03	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	2.04	2.61	5.34	<=30	Pass
		5785	/	/	1.82	3.26	5.61	<=30	Pass
		5825	/	/	1.39	2.25	4.85	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	0.10	0.90	3.53	<=30	Pass
		5795	/	/	-0.51	0.39	2.97	<=30	Pass

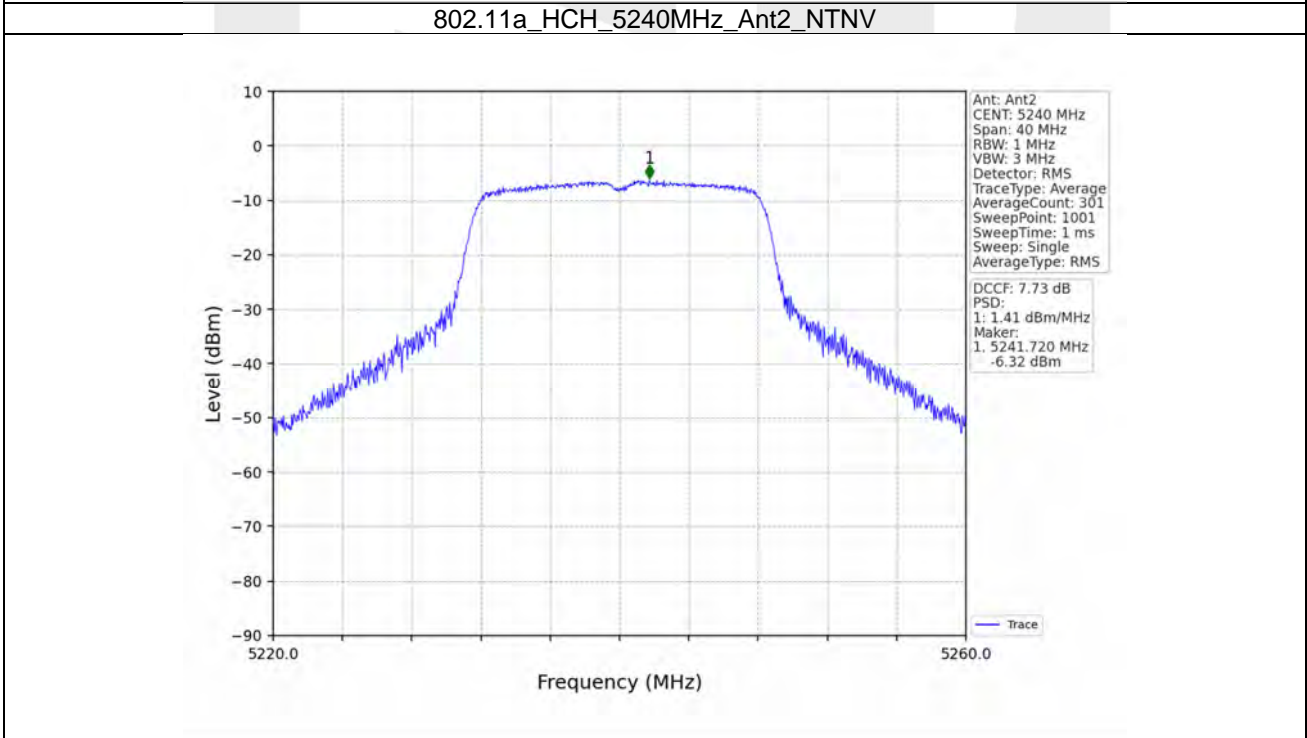
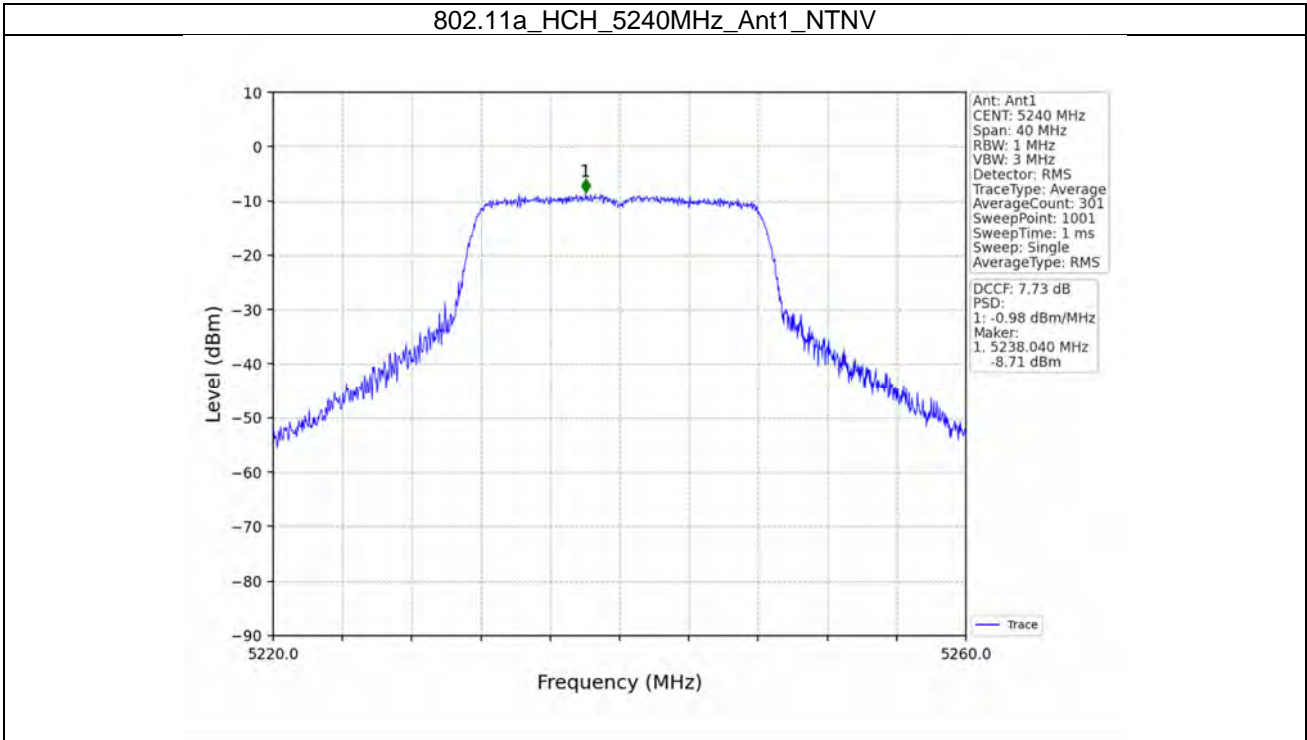
Note1: Antenna Gain: Ant1: 3.97dBi; Ant2: 3.97dBi;
 Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain= 3.97dBi)

4.2 Test Graph

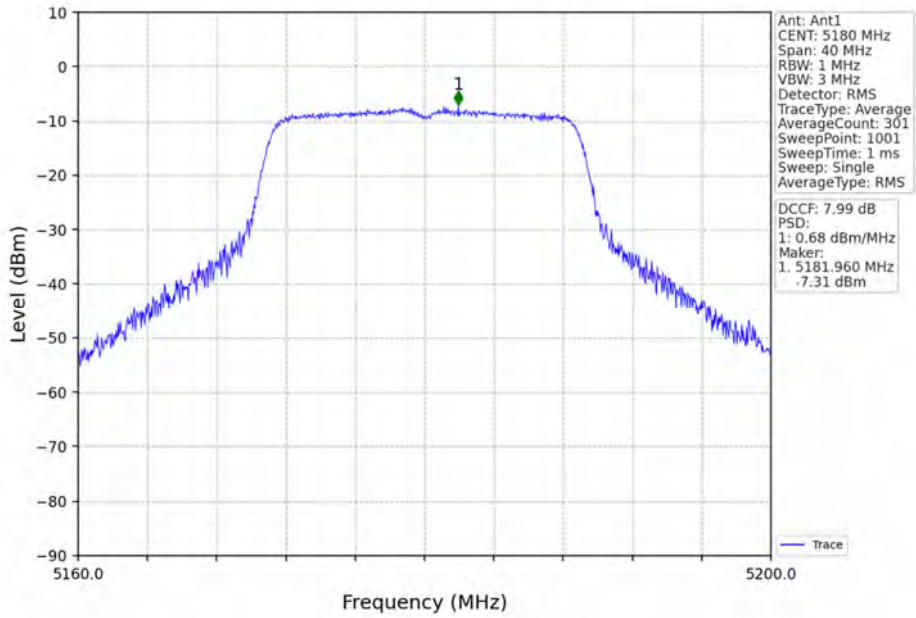
4.2.1 PSD



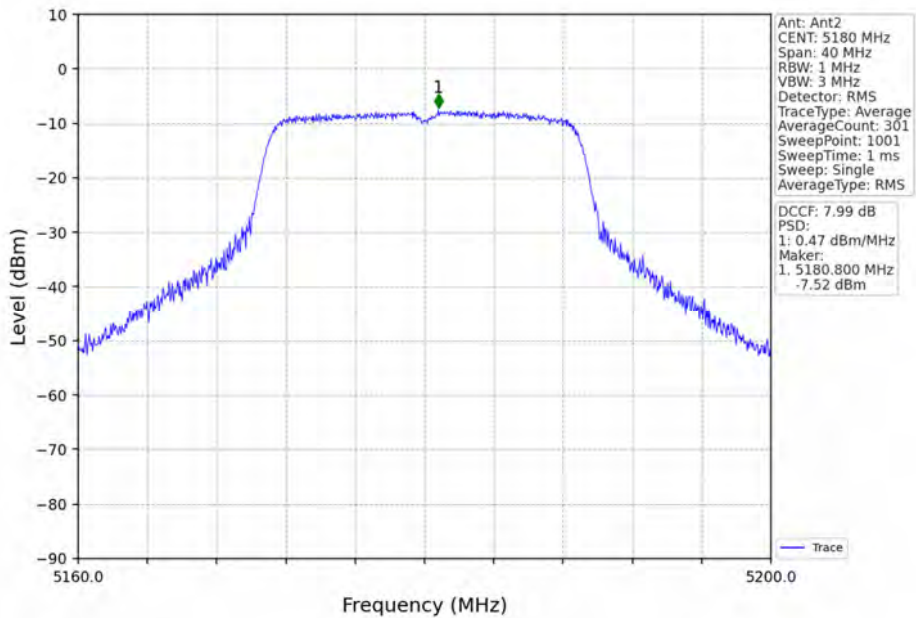




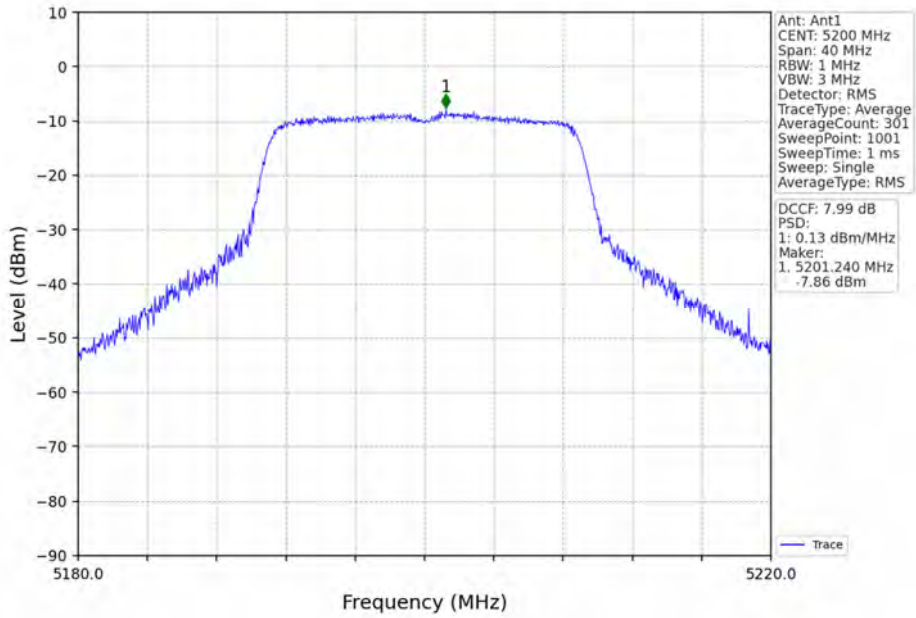
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



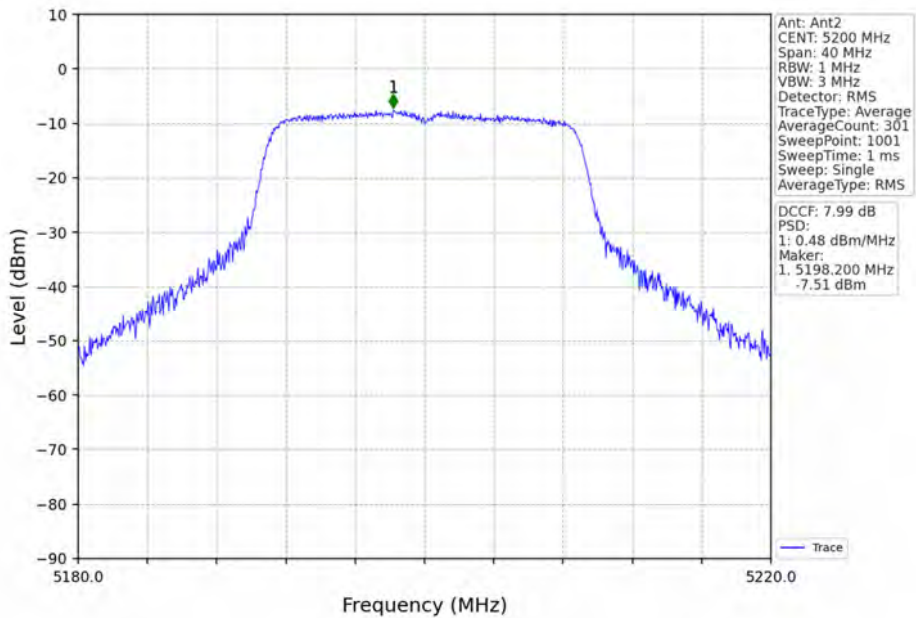
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



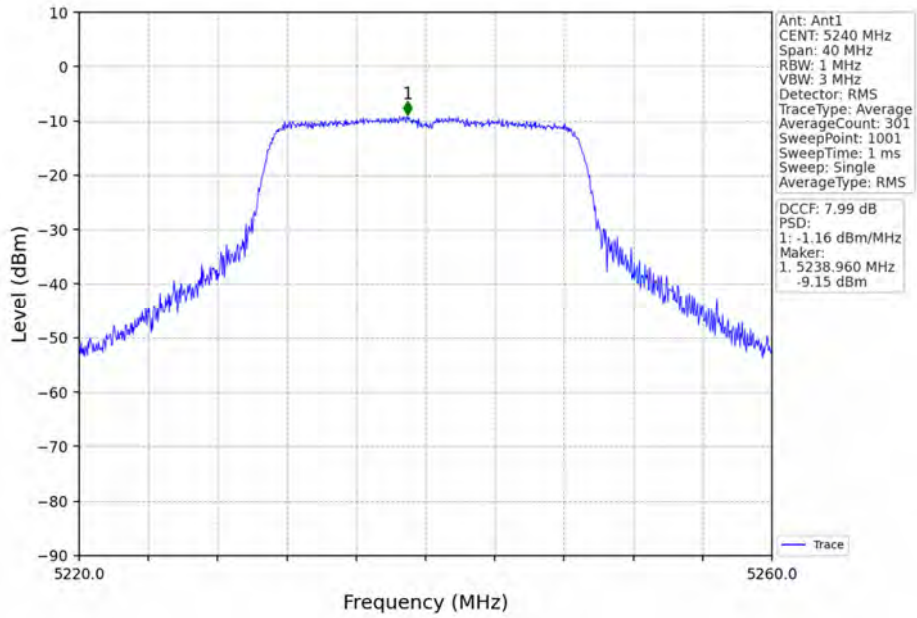
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



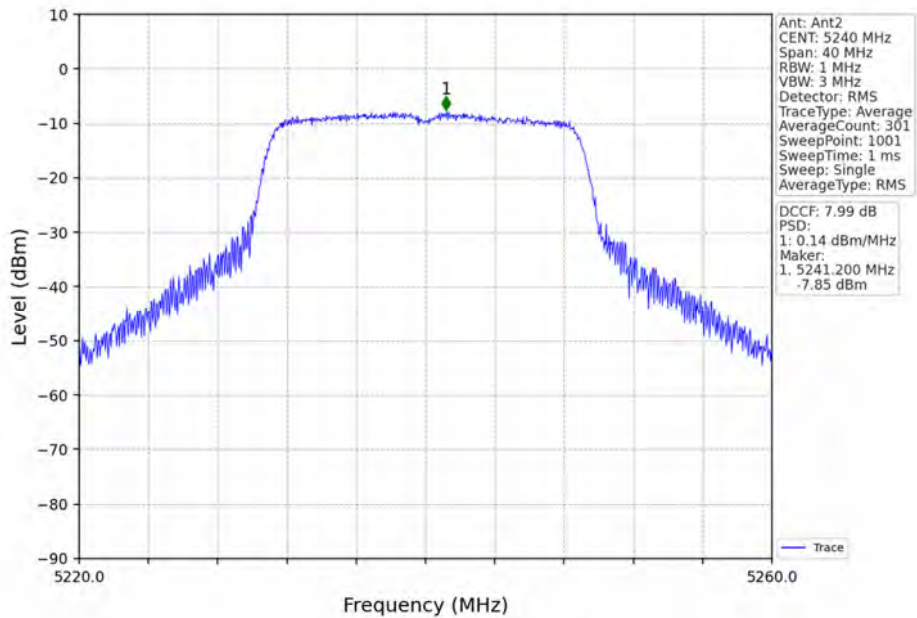
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



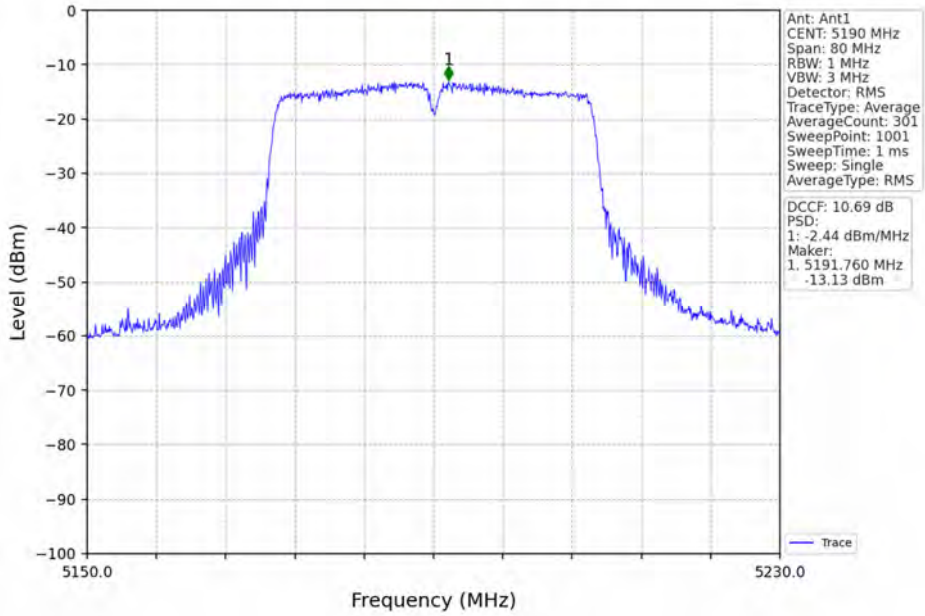
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



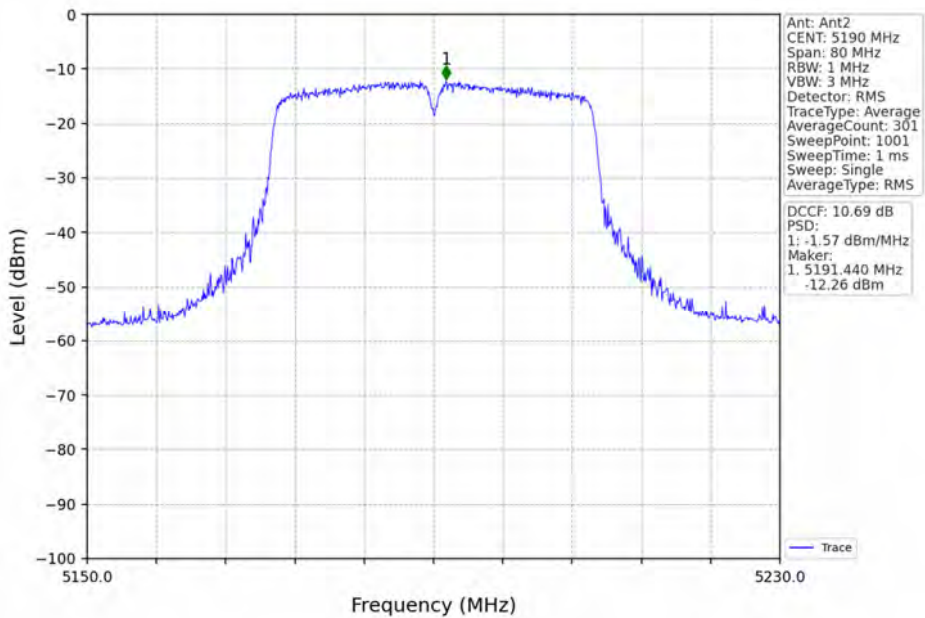
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



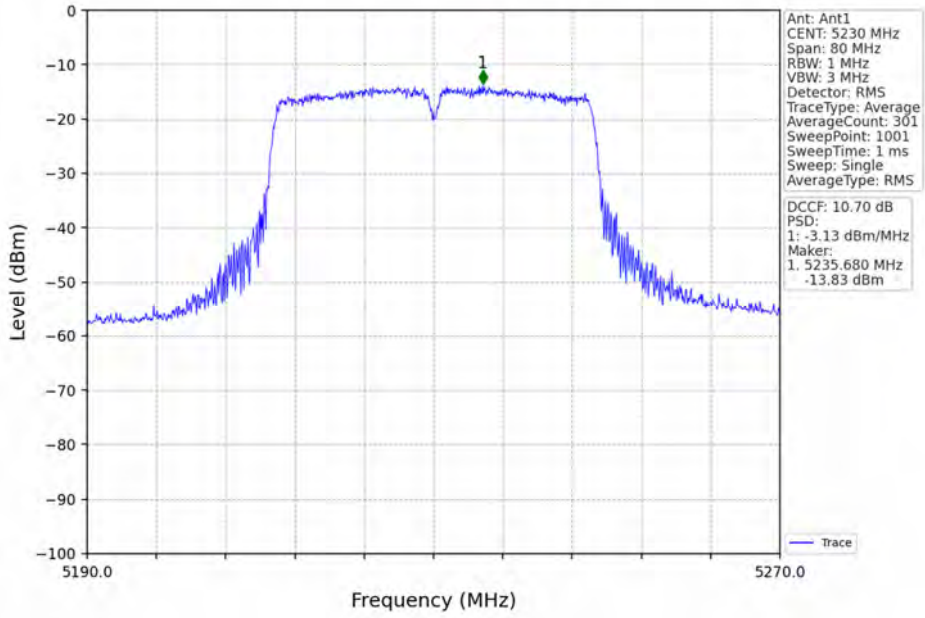
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



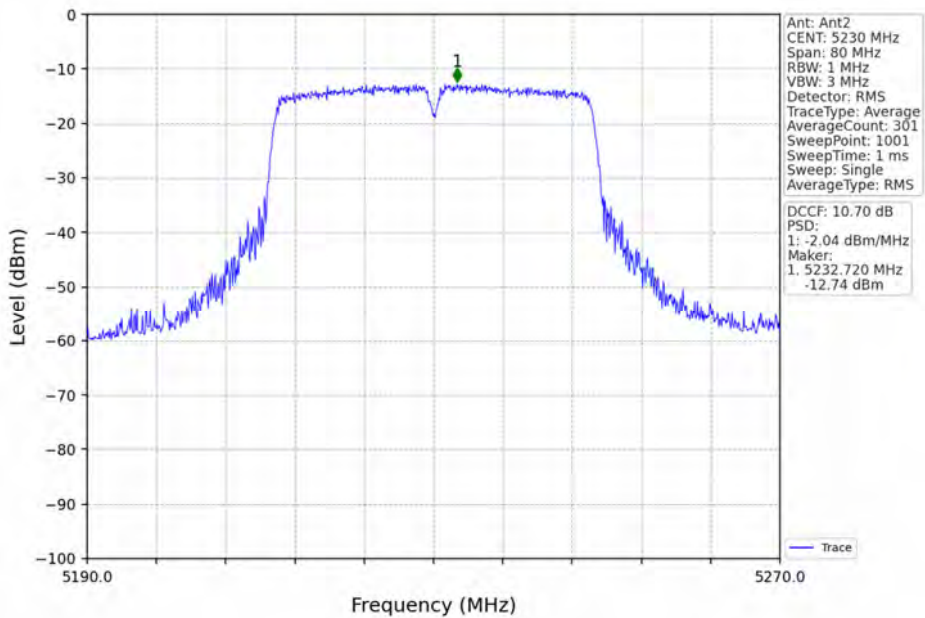
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



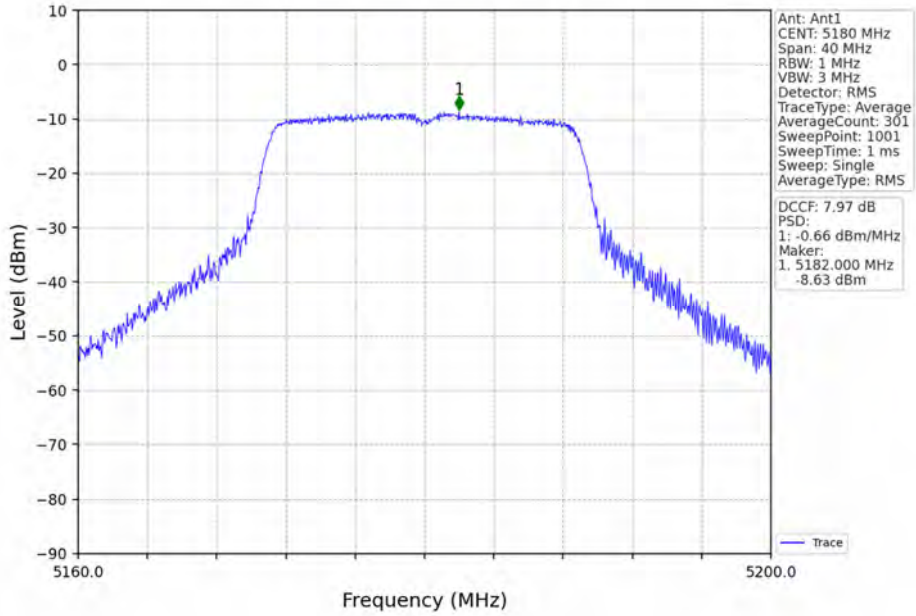
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



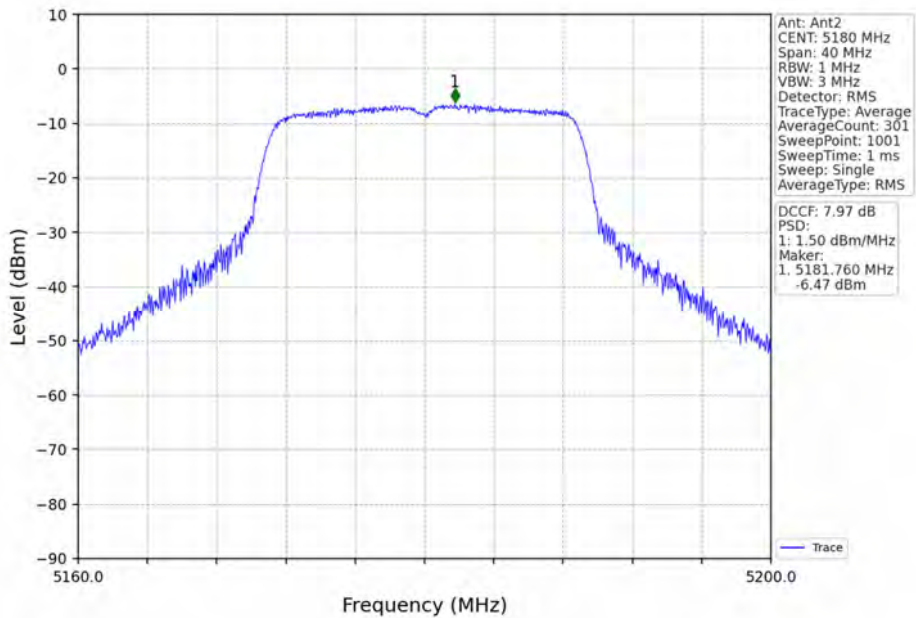
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



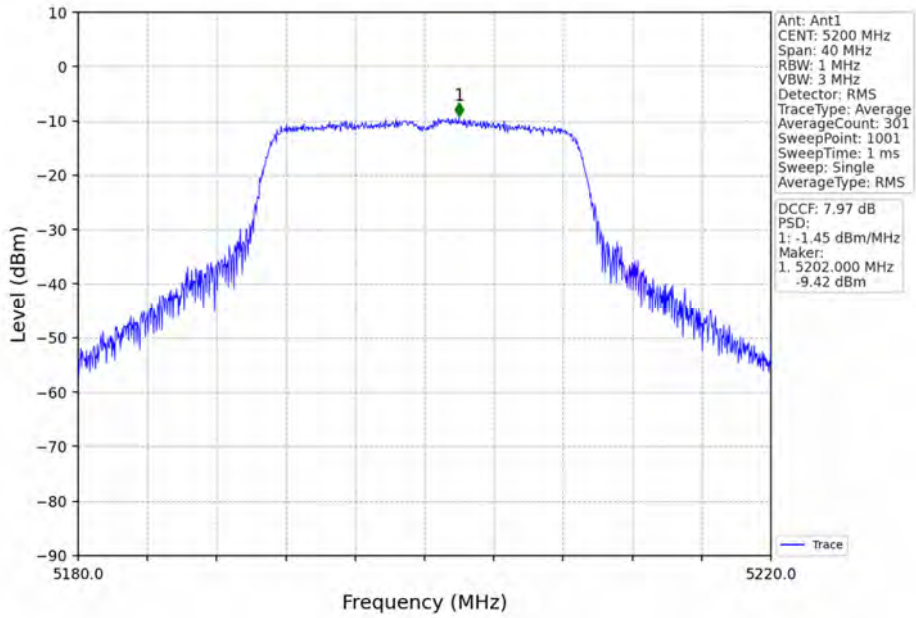
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



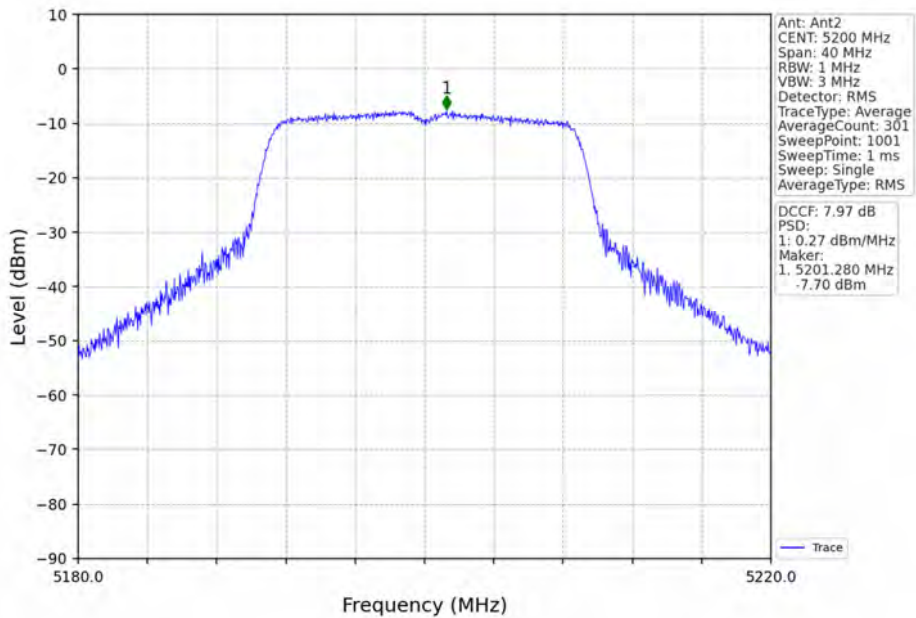
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



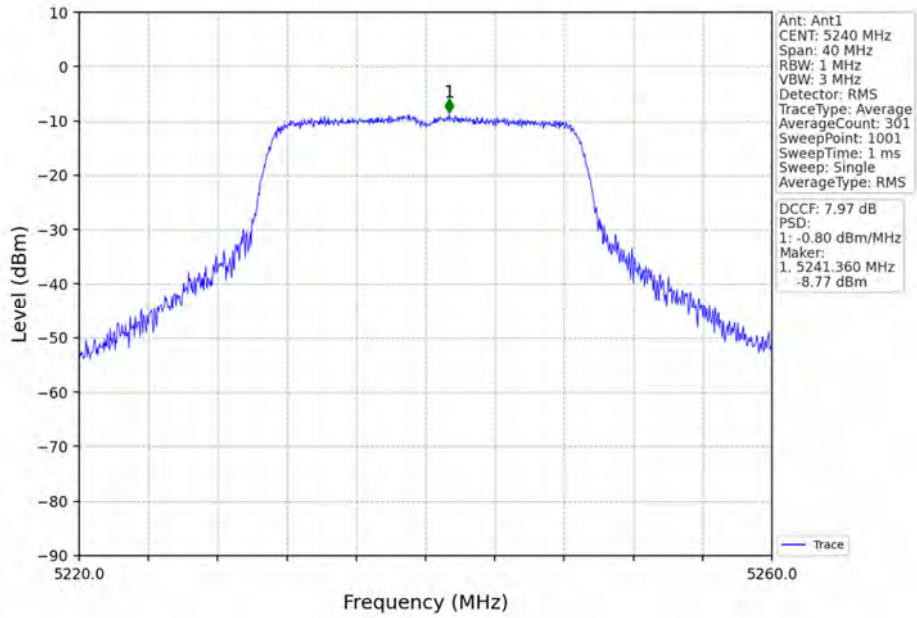
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



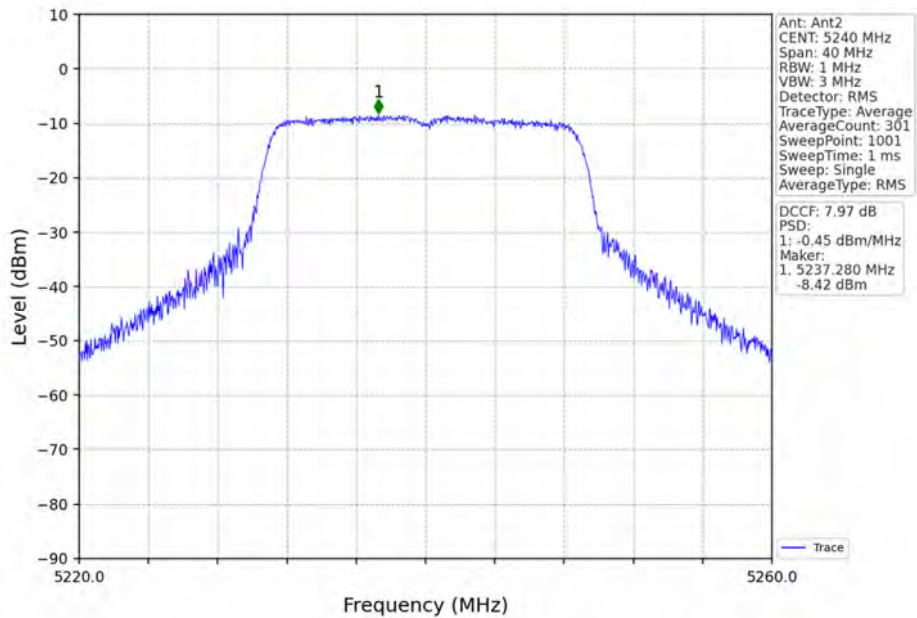
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



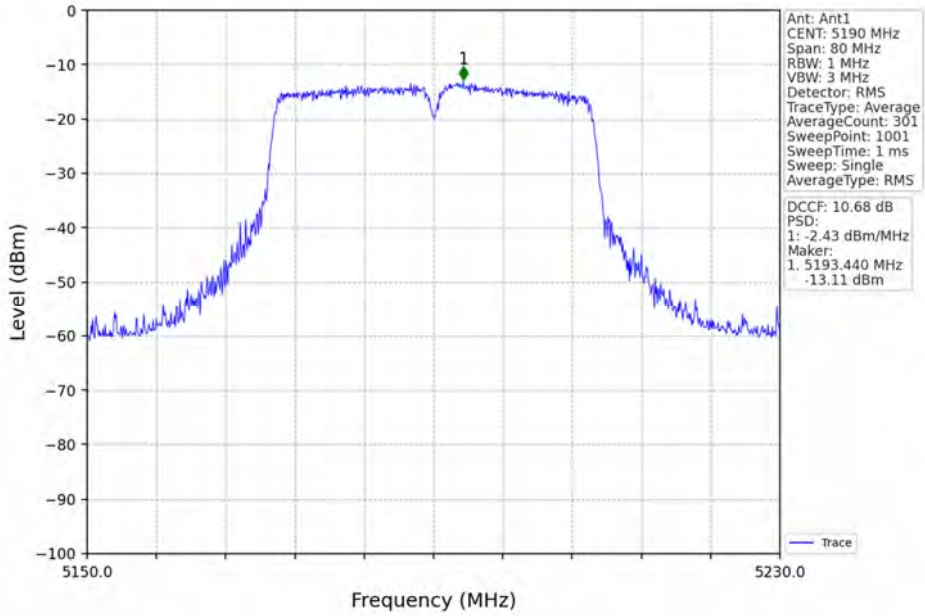
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



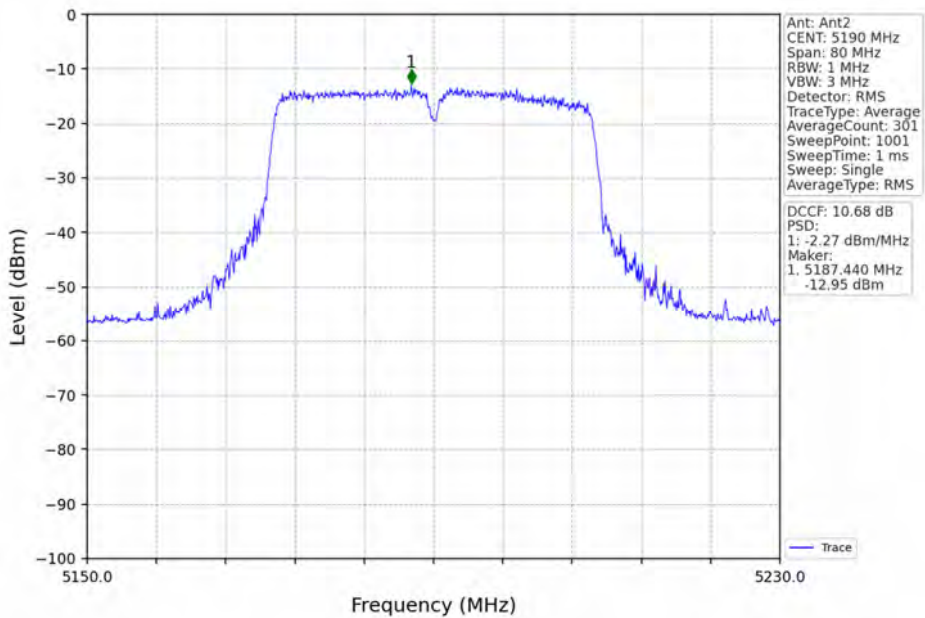
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



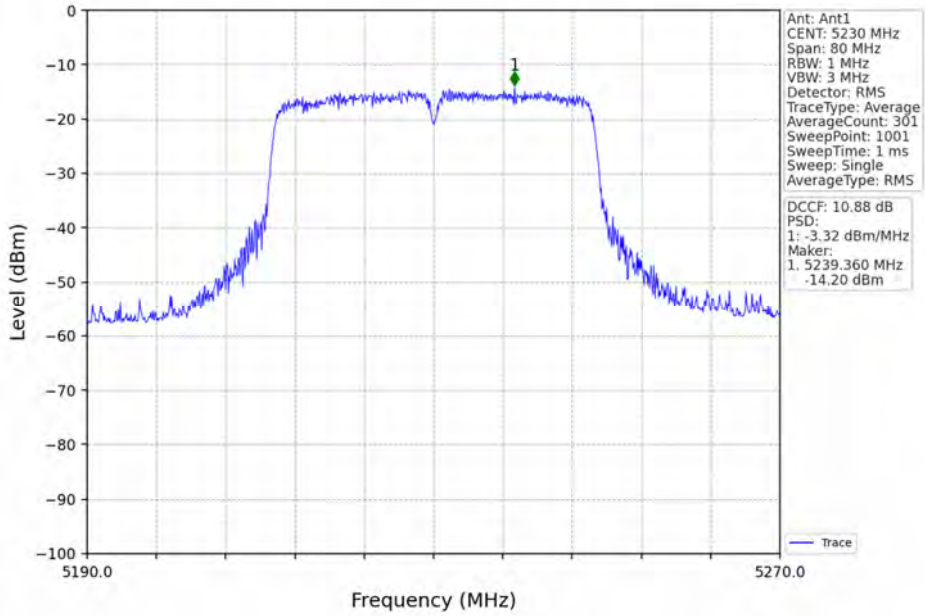
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



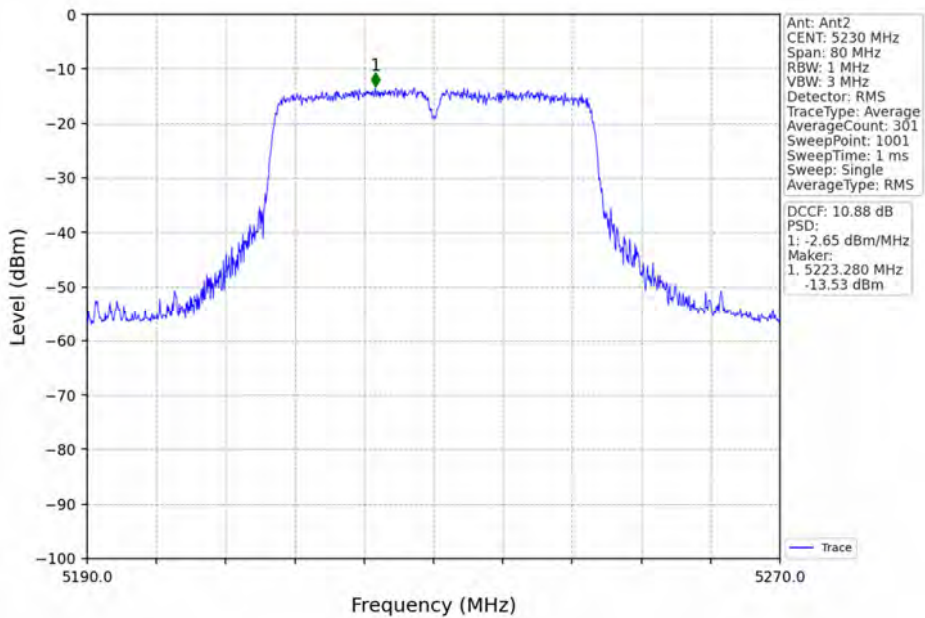
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



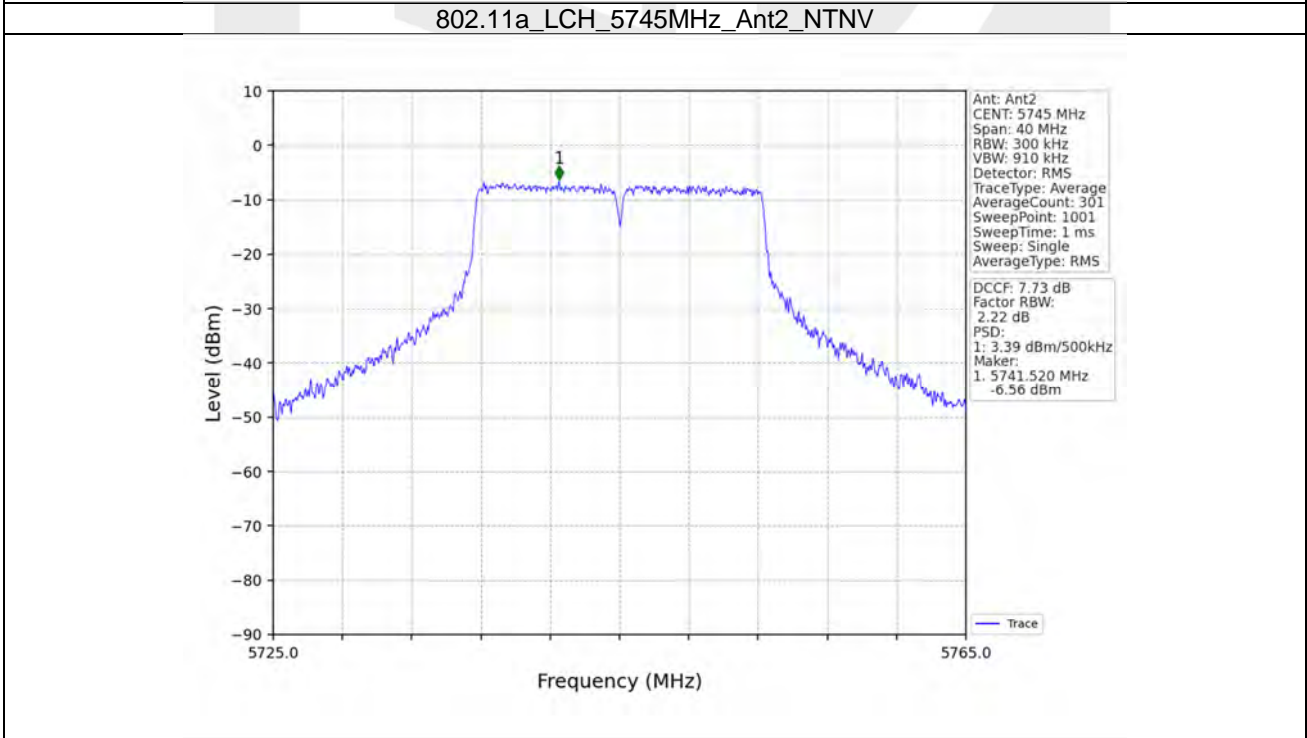
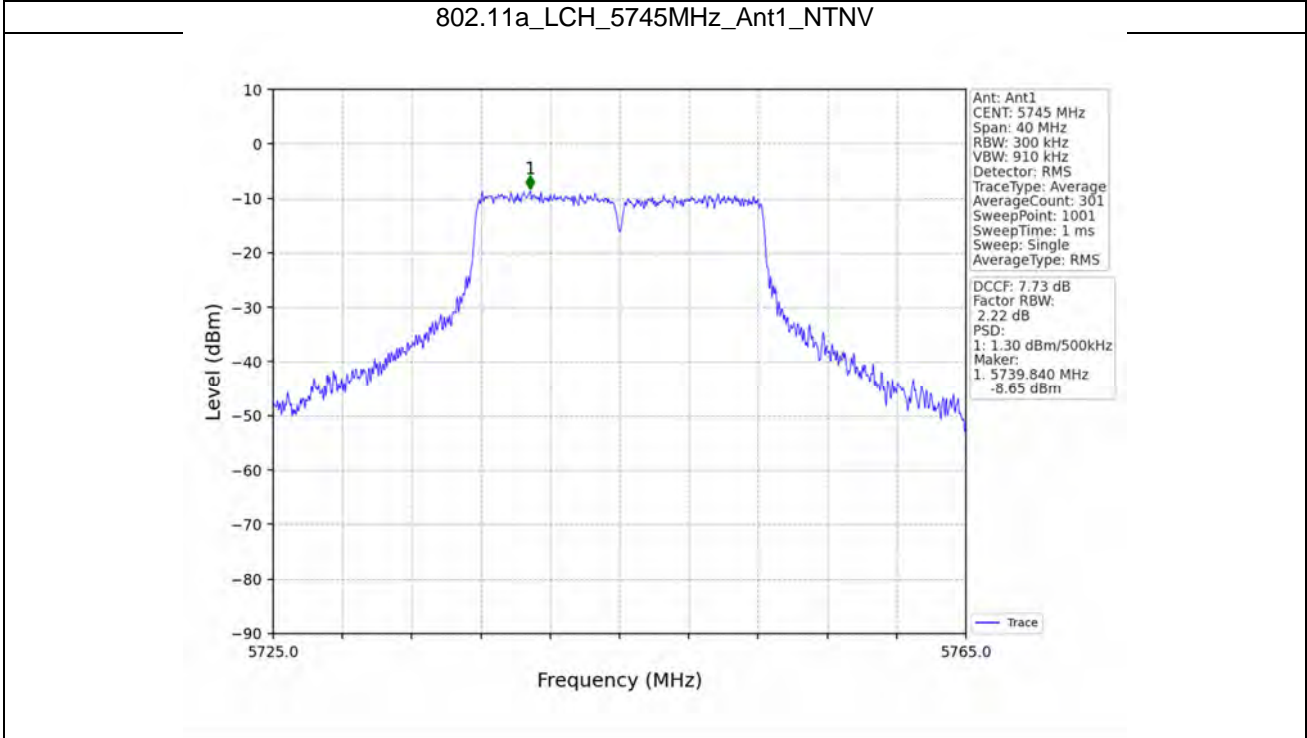
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

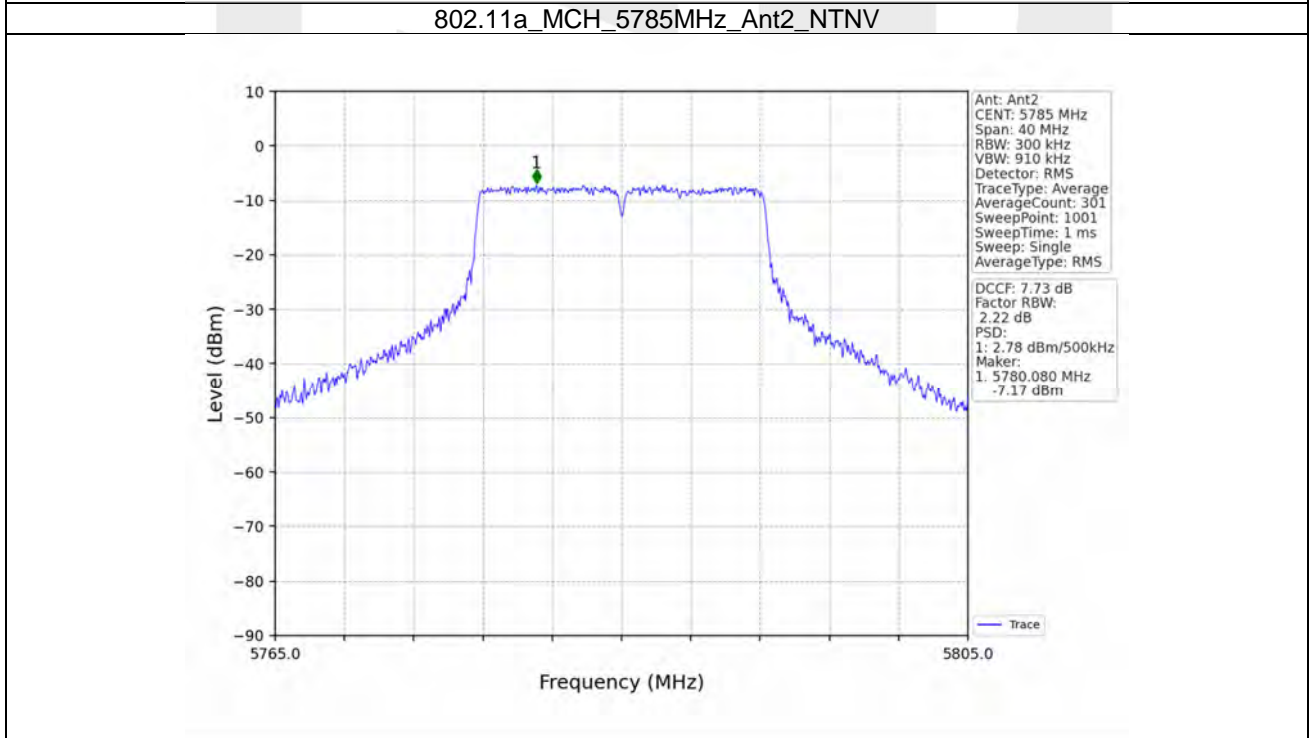
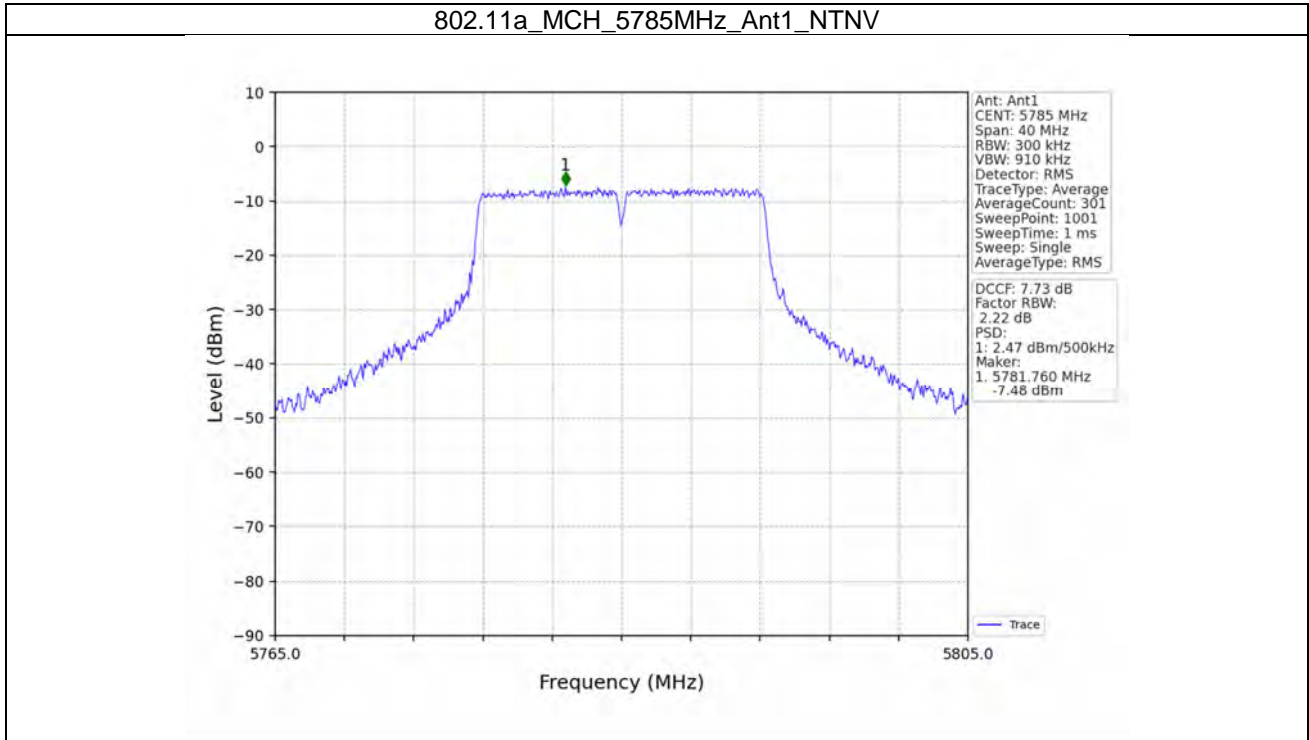


802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

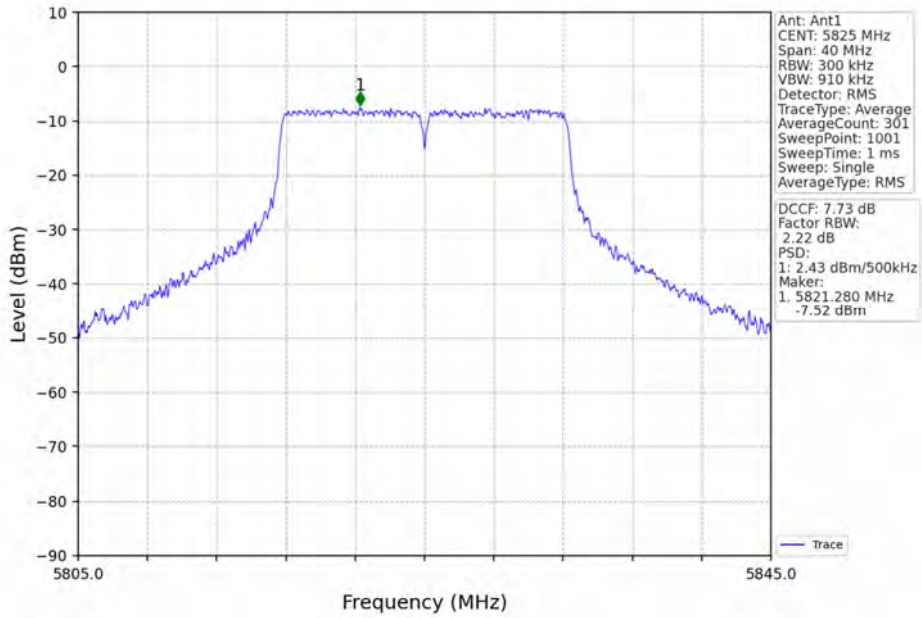


4.2.2 PSD-Band3

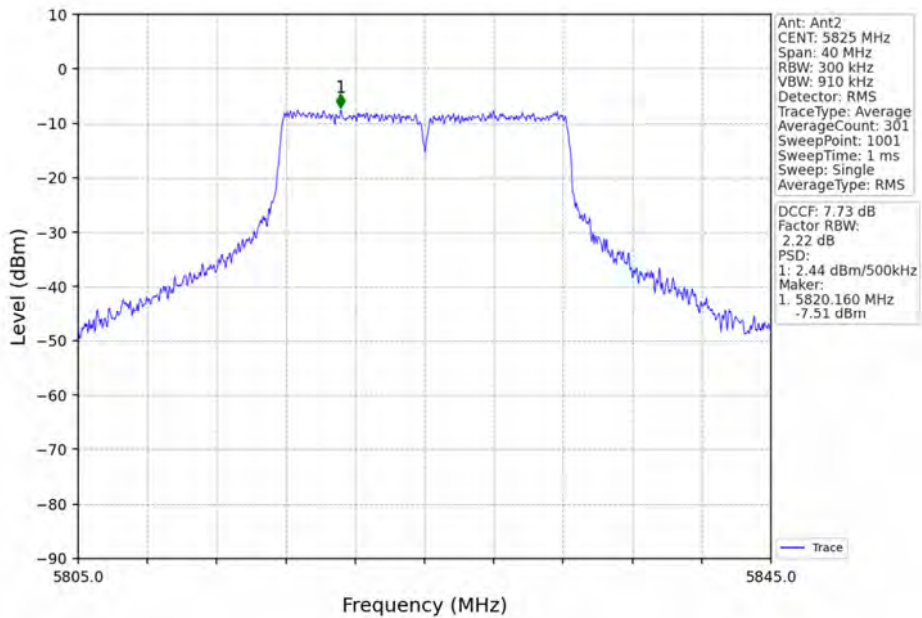




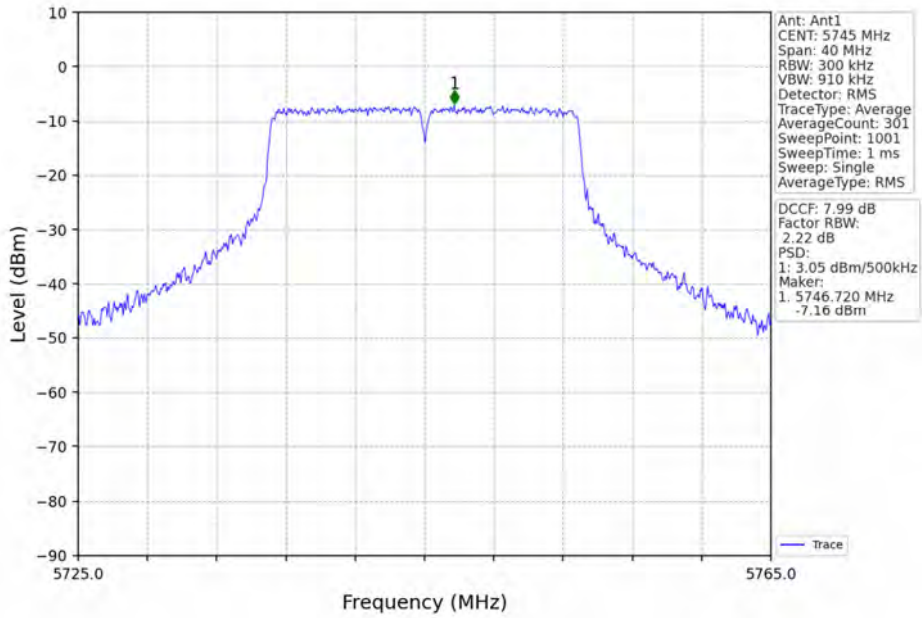
802.11a_HCH_5825MHz_Ant1_NTNV



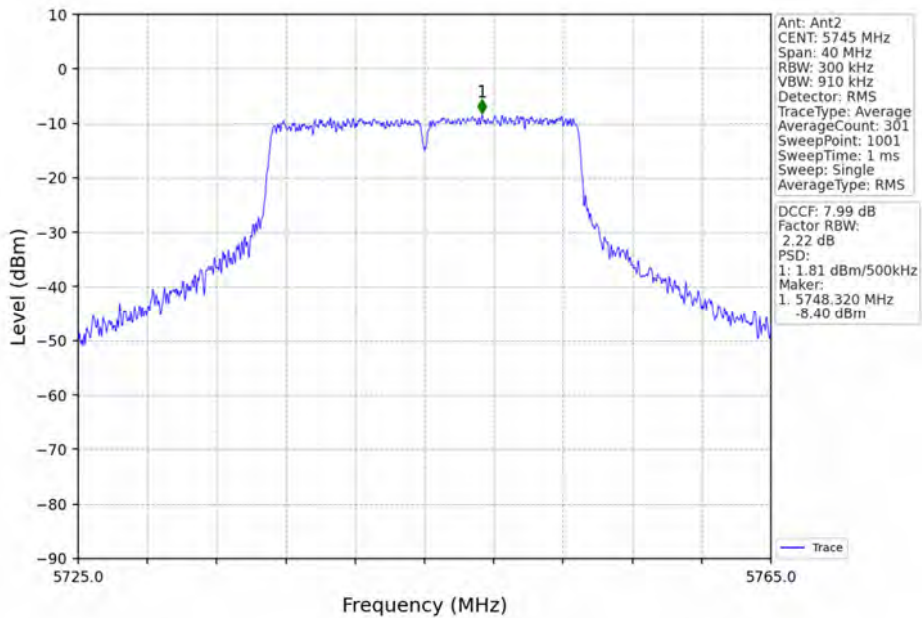
802.11a_HCH_5825MHz_Ant2_NTNV



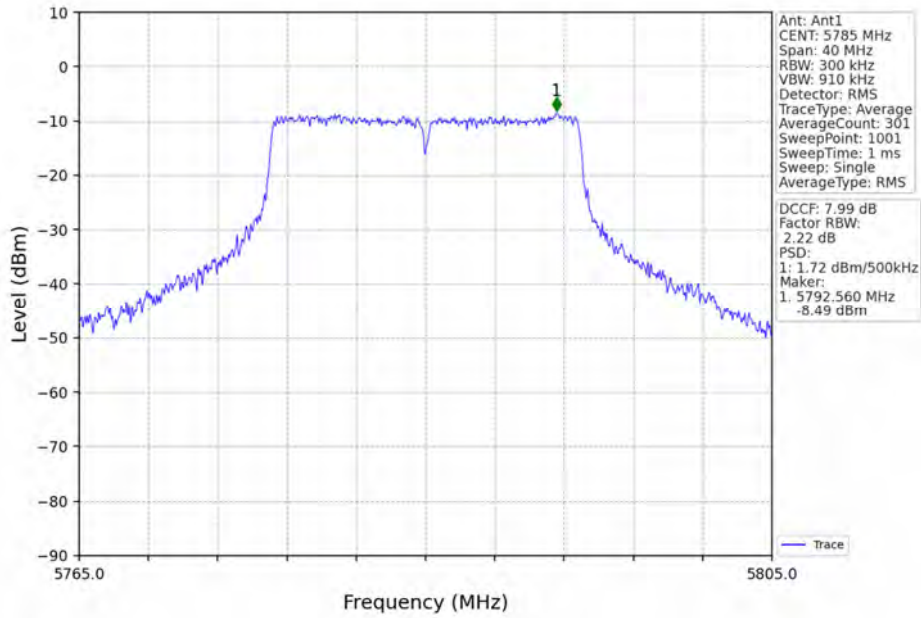
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



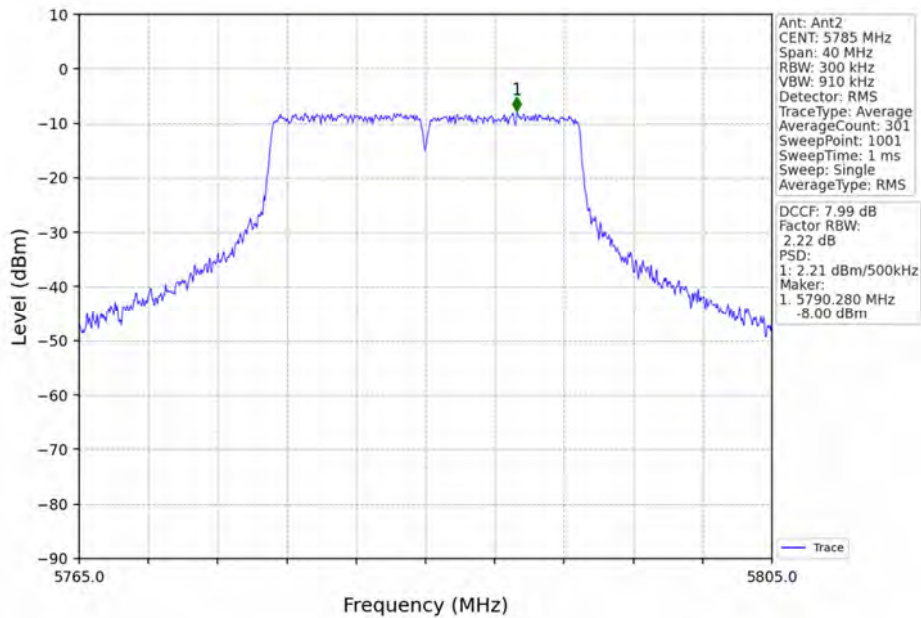
802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



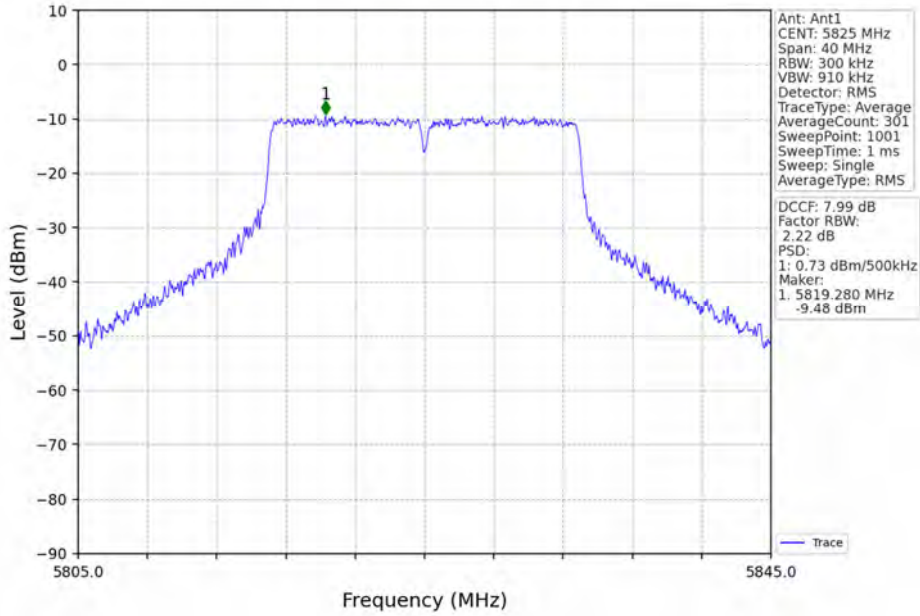
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



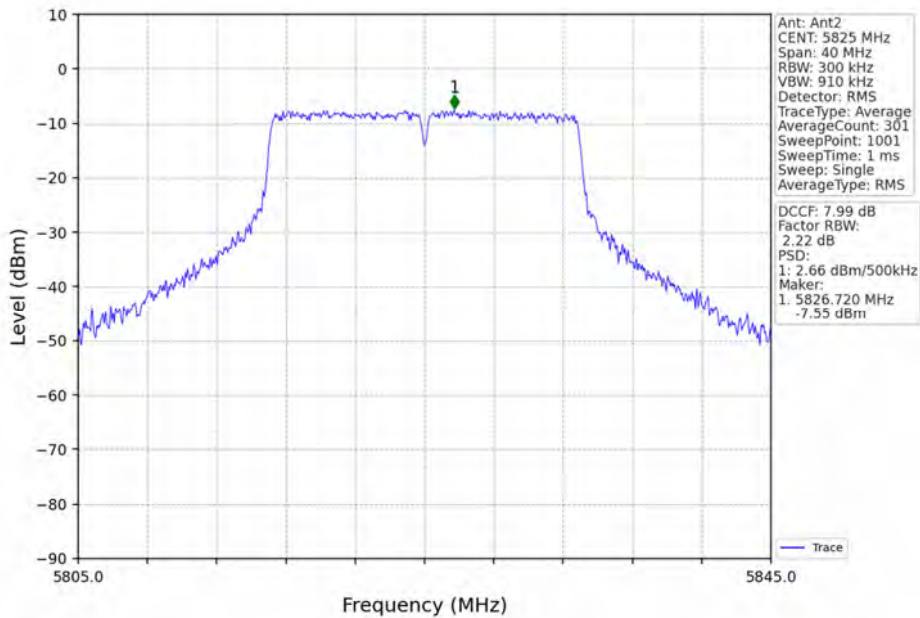
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



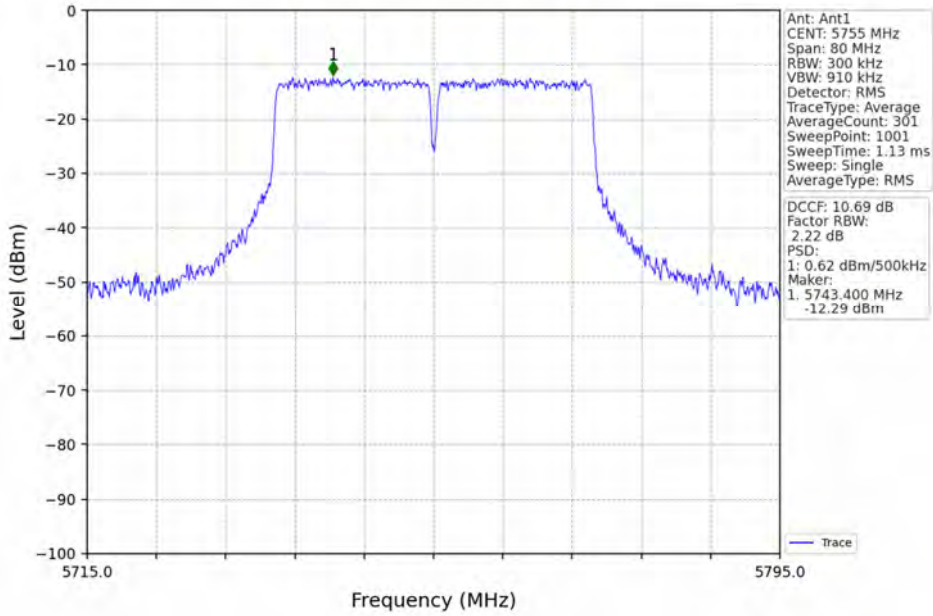
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



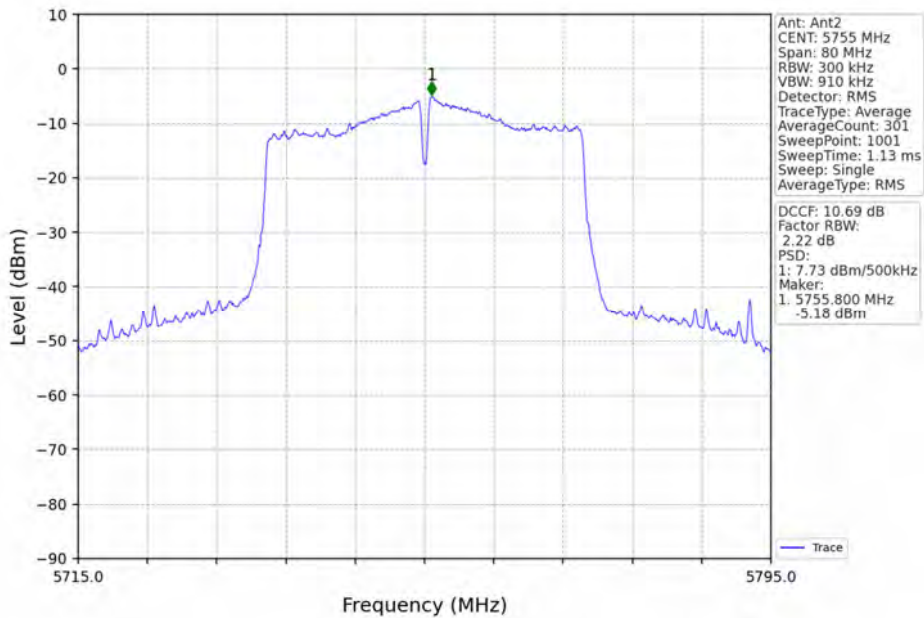
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV

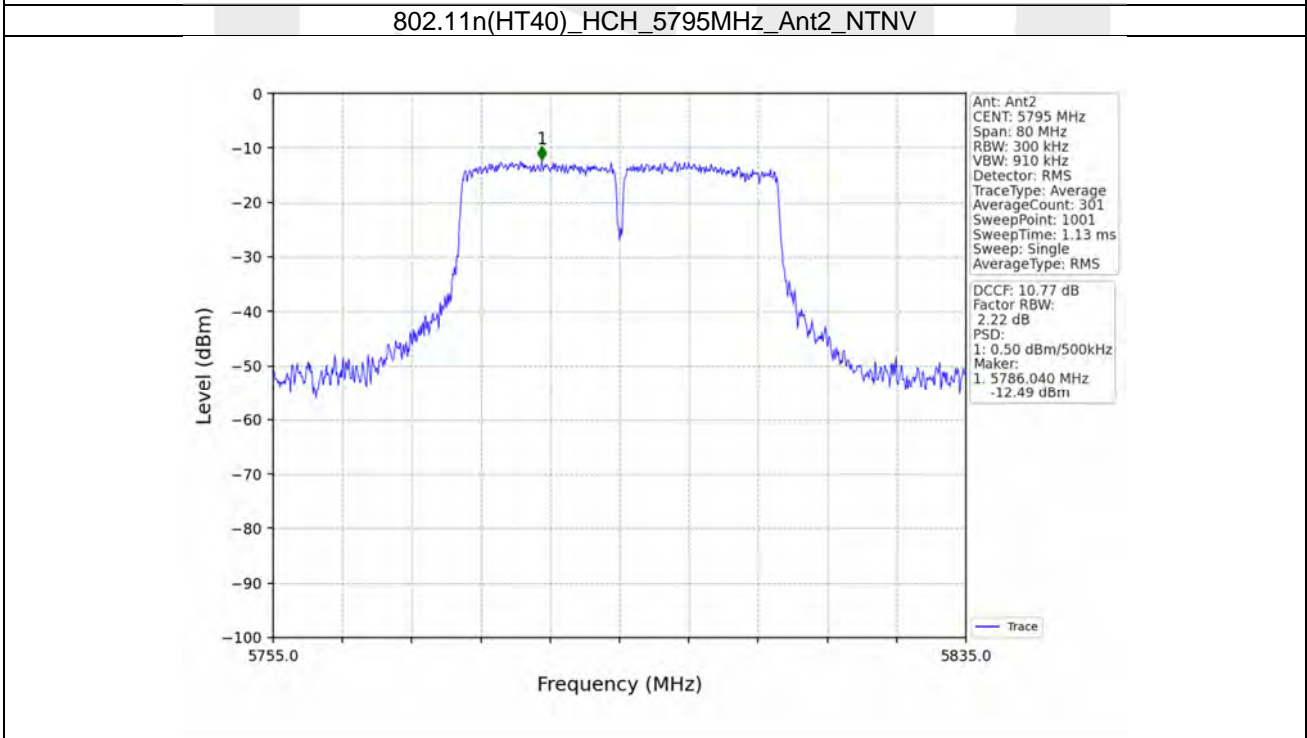
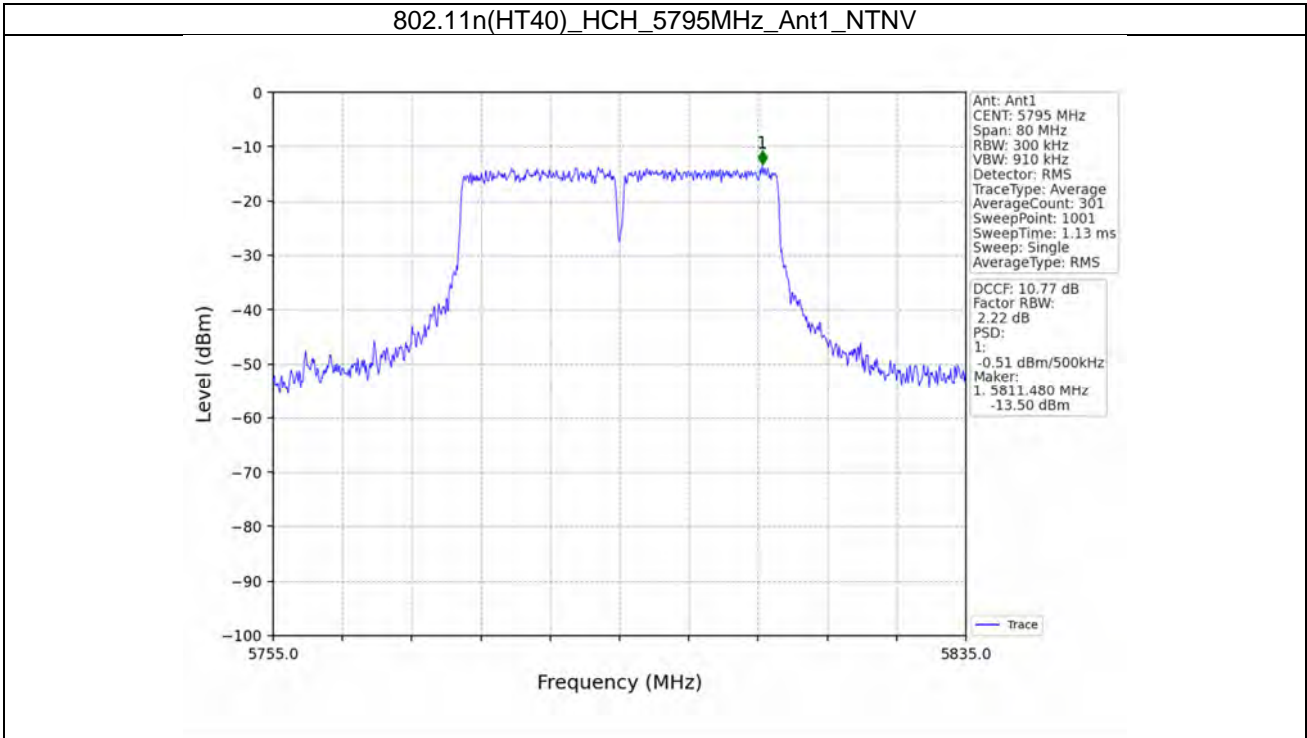


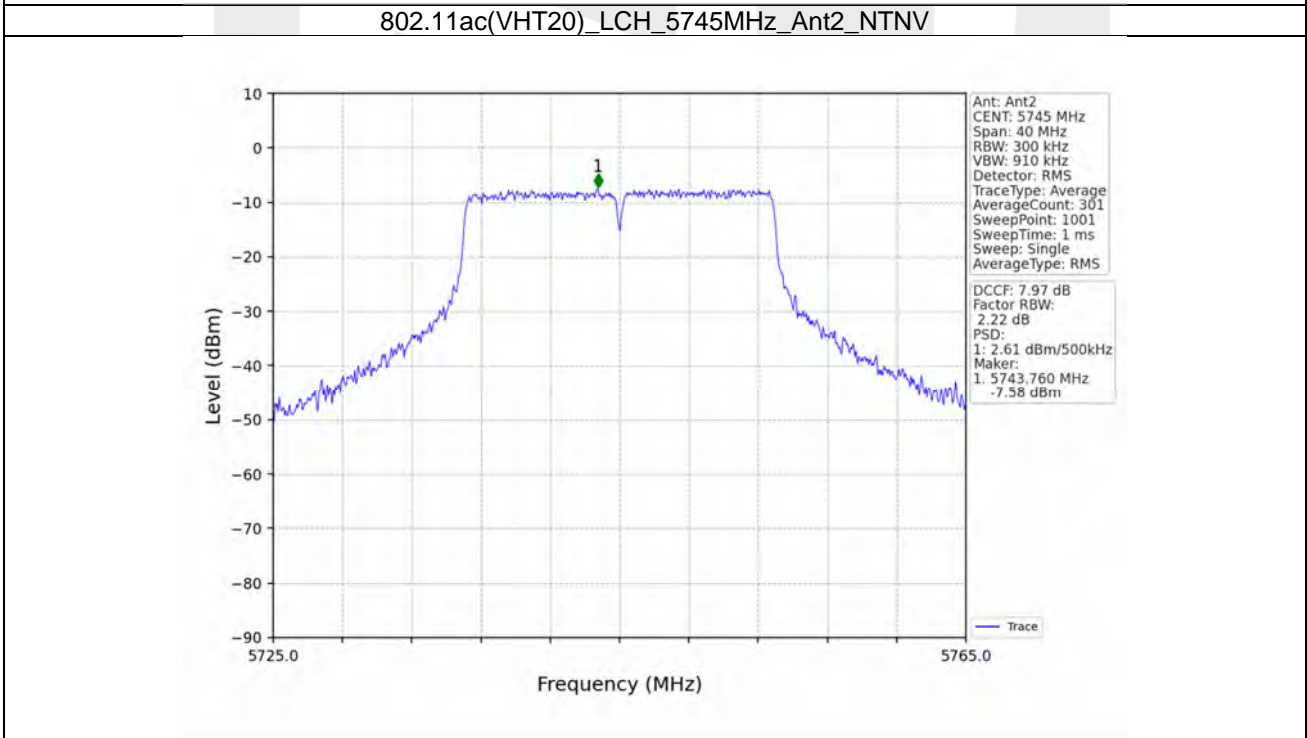
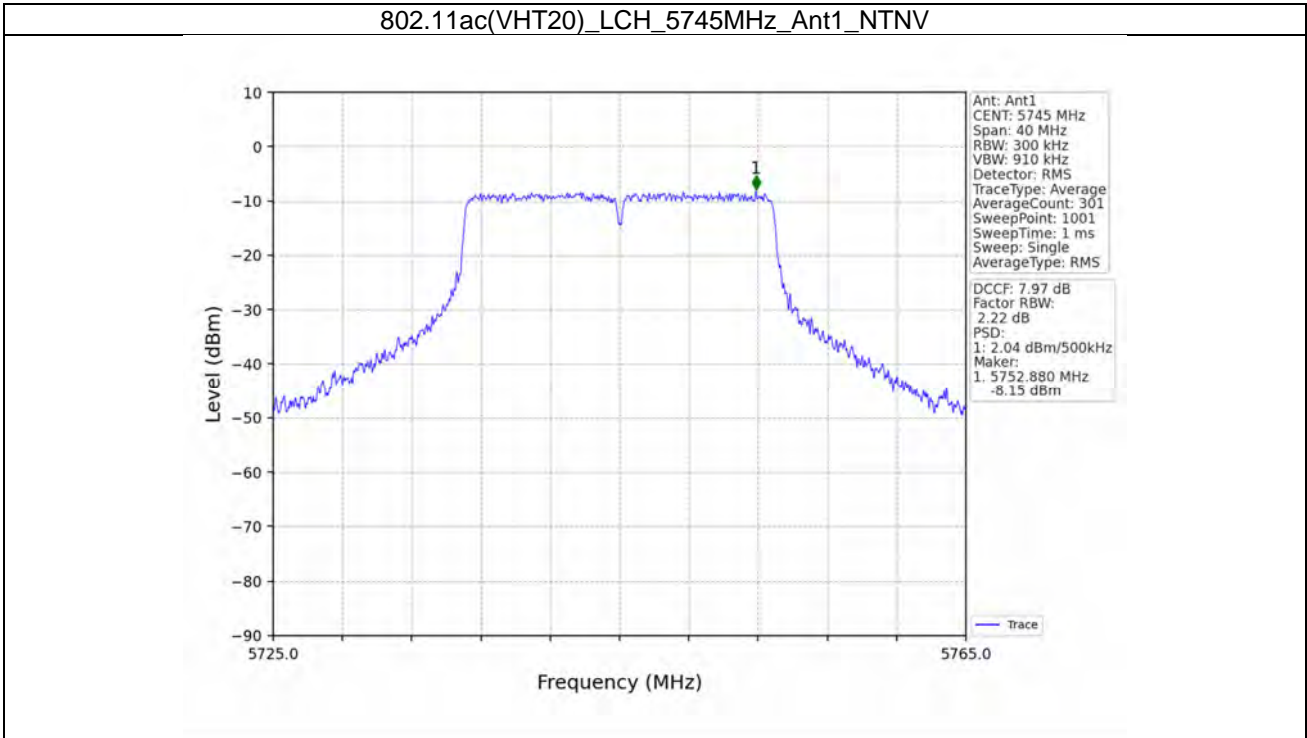
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



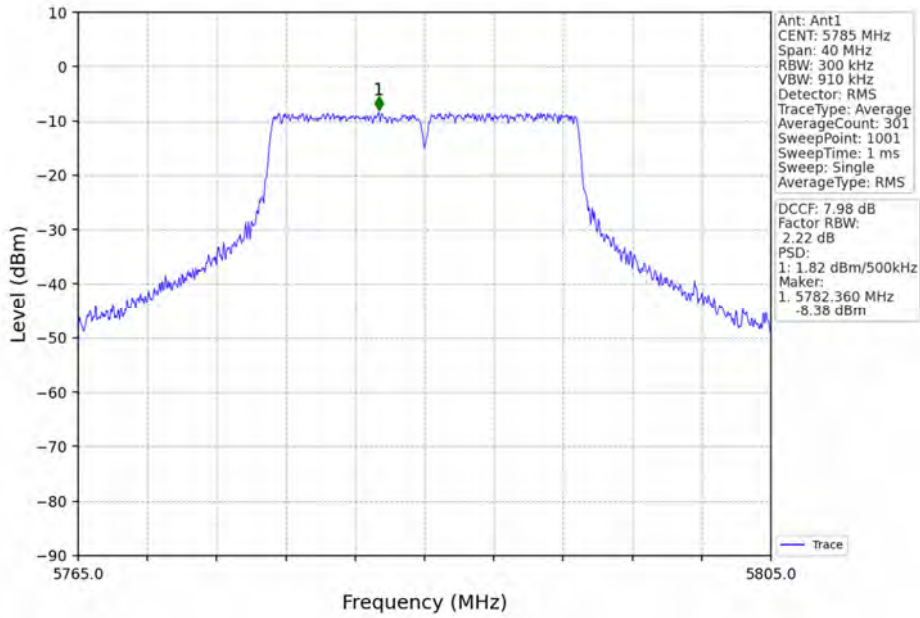
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



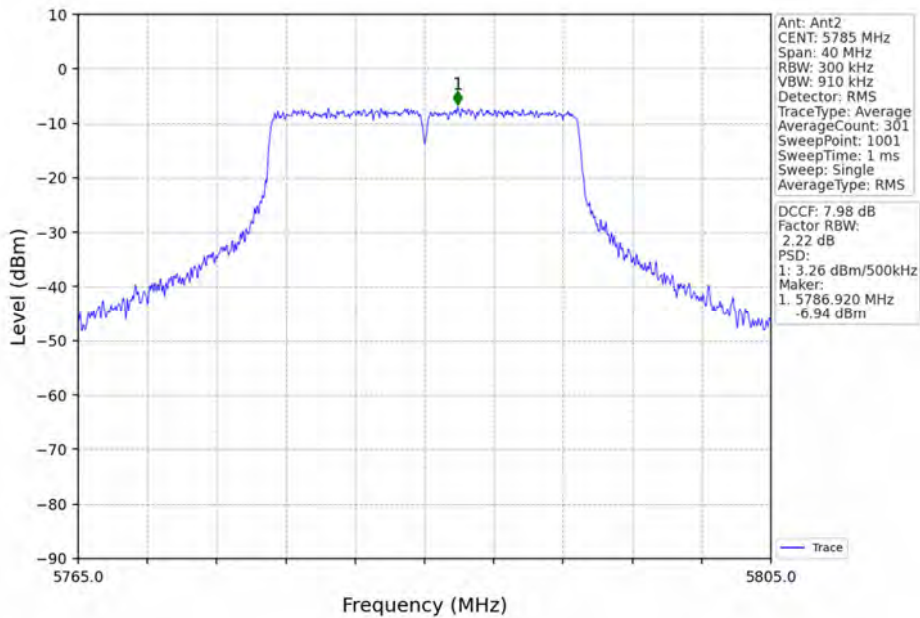




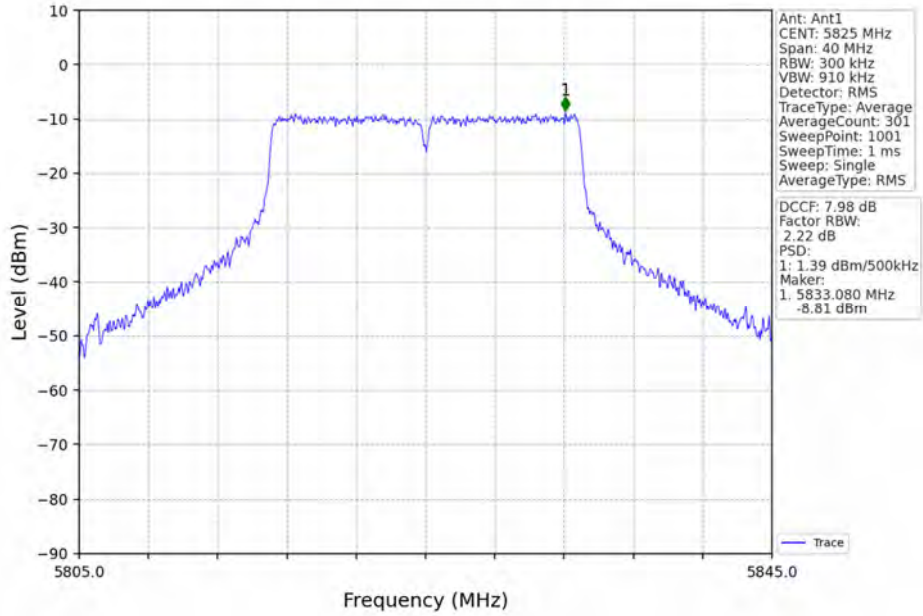
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



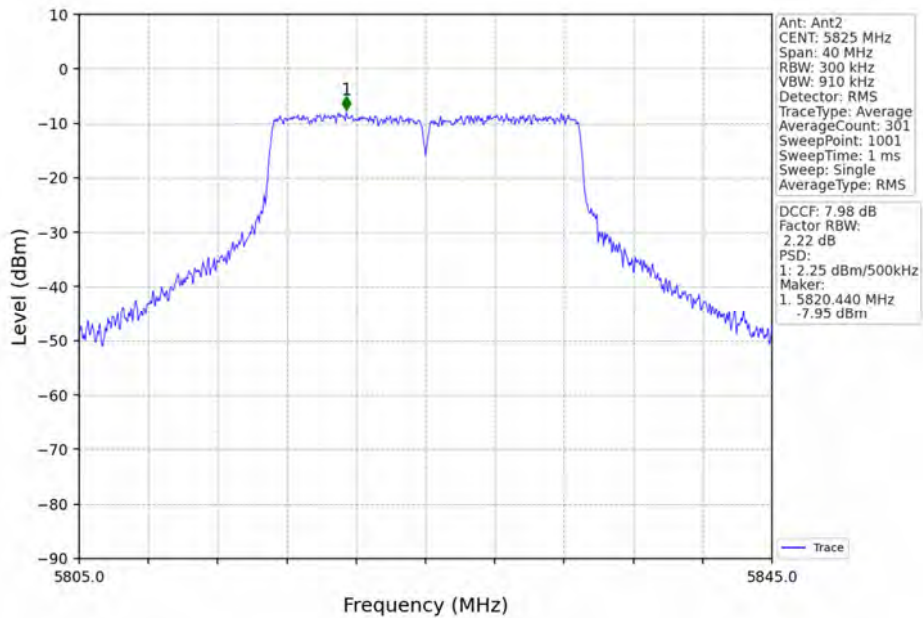
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



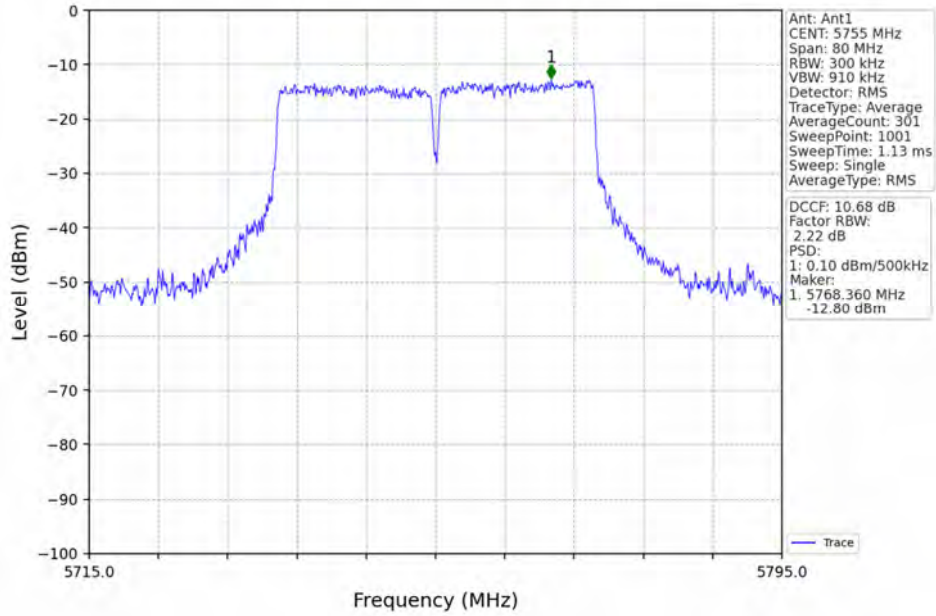
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



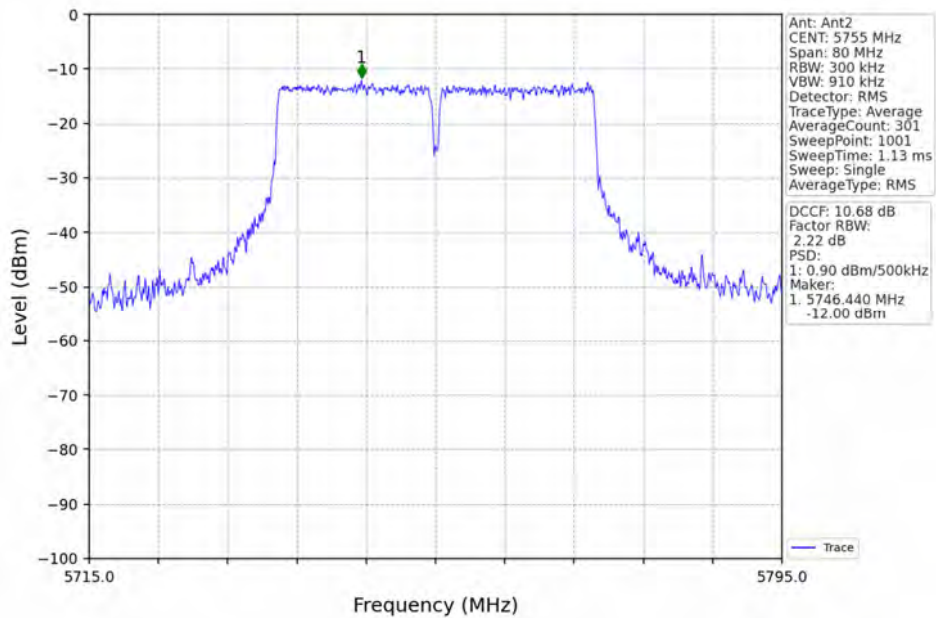
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



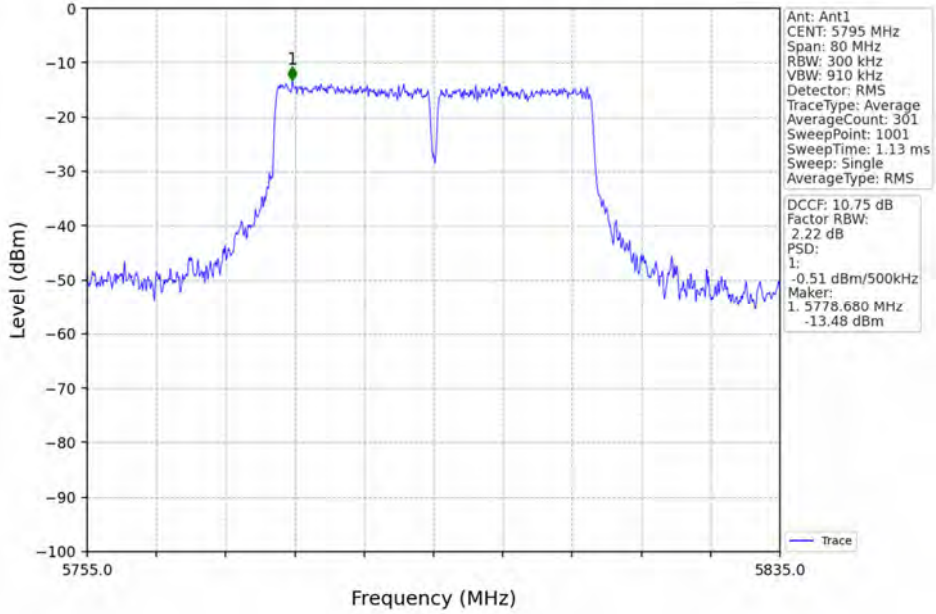
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



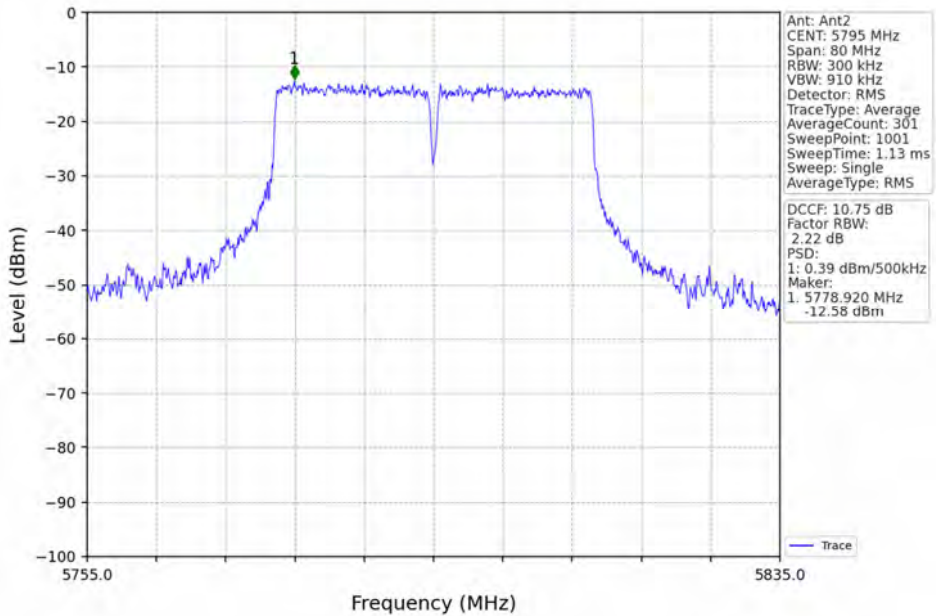
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1										
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict	
802.11a	SISO	5180	/	/	20	102	5180.040	5150 to 5250	Pass	
						120	5180.020	5150 to 5250	Pass	
						138	5180.040	5150 to 5250	Pass	
					-30	120	5180.080	5150 to 5250	Pass	
						-20	120	5180.020	5150 to 5250	Pass
							120	5179.960	5150 to 5250	Pass
					0	120	5180.040	5150 to 5250	Pass	
					10	120	5180.000	5150 to 5250	Pass	
					30	120	5179.980	5150 to 5250	Pass	
					40	120	5180.020	5150 to 5250	Pass	
		50	120	5180.000	5150 to 5250	Pass				
		5200	/	/	20	102	5199.980	5150 to 5250	Pass	
						120	5200.000	5150 to 5250	Pass	
						138	5199.980	5150 to 5250	Pass	
					-30	120	5200.000	5150 to 5250	Pass	
						-20	120	5199.900	5150 to 5250	Pass
							120	5199.960	5150 to 5250	Pass
					0	120	5199.980	5150 to 5250	Pass	
					10	120	5199.960	5150 to 5250	Pass	
					30	120	5199.960	5150 to 5250	Pass	
					40	120	5200.000	5150 to 5250	Pass	
		50	120	5199.960	5150 to 5250	Pass				
		5240	/	/	20	102	5239.980	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	5239.940	5150 to 5250	Pass
							120	5240.020	5150 to 5250	Pass
					0	120	5240.020	5150 to 5250	Pass	
					10	120	5239.980	5150 to 5250	Pass	
30	120				5240.000	5150 to 5250	Pass			
40	120				5240.060	5150 to 5250	Pass			
50	120	5240.020	5150 to 5250	Pass						

		5745	/	/	20	102	5745.000	5725 to 5850	Pass	
						120	5745.020	5725 to 5850	Pass	
						138	5745.000	5725 to 5850	Pass	
					-30	120	5745.040	5725 to 5850	Pass	
						-20	120	5744.940	5725 to 5850	Pass
							120	5744.960	5725 to 5850	Pass
					0	120	5745.020	5725 to 5850	Pass	
						120	5744.980	5725 to 5850	Pass	
					30	120	5745.020	5725 to 5850	Pass	
						120	5745.020	5725 to 5850	Pass	
					40	120	5744.900	5725 to 5850	Pass	
						120	5744.900	5725 to 5850	Pass	
		5785	/	/	20	102	5784.980	5725 to 5850	Pass	
						120	5784.980	5725 to 5850	Pass	
						138	5784.940	5725 to 5850	Pass	
					-30	120	5785.040	5725 to 5850	Pass	
						-20	120	5784.980	5725 to 5850	Pass
							120	5785.040	5725 to 5850	Pass
					0	120	5784.940	5725 to 5850	Pass	
						120	5784.980	5725 to 5850	Pass	
					30	120	5785.060	5725 to 5850	Pass	
						120	5785.000	5725 to 5850	Pass	
					40	120	5785.020	5725 to 5850	Pass	
						120	5785.020	5725 to 5850	Pass	
		5825	/	/	20	102	5824.960	5725 to 5850	Pass	
						120	5825.000	5725 to 5850	Pass	
						138	5825.020	5725 to 5850	Pass	
					-30	120	5824.960	5725 to 5850	Pass	
						-20	120	5824.940	5725 to 5850	Pass
							120	5824.980	5725 to 5850	Pass
0	120				5825.040	5725 to 5850	Pass			
	120				5825.000	5725 to 5850	Pass			
30	120				5825.020	5725 to 5850	Pass			
	120				5824.980	5725 to 5850	Pass			
40	120				5824.980	5725 to 5850	Pass			
	120				5824.980	5725 to 5850	Pass			
802.11n (HT20)	SISO	5180	/	/	20	102	5180.100	5150 to 5250	Pass	
						120	5179.980	5150 to 5250	Pass	
						138	5180.000	5150 to 5250	Pass	
					-30	120	5180.080	5150 to 5250	Pass	
						-20	120	5180.000	5150 to 5250	Pass
							120	5180.100	5150 to 5250	Pass
					0	120	5180.020	5150 to 5250	Pass	
						120	5179.960	5150 to 5250	Pass	
					30	120	5179.980	5150 to 5250	Pass	
						120	5180.120	5150 to 5250	Pass	

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			50	120	5180.080	5150 to 5250	Pass	
			20	102	5199.980	5150 to 5250	Pass	
				120	5200.000	5150 to 5250	Pass	
				138	5199.900	5150 to 5250	Pass	
			-30	120	5200.060	5150 to 5250	Pass	
			-20	120	5200.040	5150 to 5250	Pass	
	5200	/	/	-10	120	5200.000	5150 to 5250	Pass
				0	120	5200.020	5150 to 5250	Pass
				10	120	5199.960	5150 to 5250	Pass
				30	120	5199.980	5150 to 5250	Pass
				40	120	5199.980	5150 to 5250	Pass
				50	120	5199.940	5150 to 5250	Pass
			20	102	5240.000	5150 to 5250	Pass	
				120	5239.960	5150 to 5250	Pass	
				138	5240.020	5150 to 5250	Pass	
			-30	120	5240.040	5150 to 5250	Pass	
			-20	120	5239.960	5150 to 5250	Pass	
	5240	/	/	-10	120	5240.020	5150 to 5250	Pass
				0	120	5240.000	5150 to 5250	Pass
				10	120	5239.960	5150 to 5250	Pass
				30	120	5240.000	5150 to 5250	Pass
				40	120	5240.060	5150 to 5250	Pass
				50	120	5240.000	5150 to 5250	Pass
			20	102	5745.020	5725 to 5850	Pass	
				120	5745.000	5725 to 5850	Pass	
				138	5744.960	5725 to 5850	Pass	
			-30	120	5745.040	5725 to 5850	Pass	
			-20	120	5744.980	5725 to 5850	Pass	
	5745	/	/	-10	120	5745.020	5725 to 5850	Pass
				0	120	5745.040	5725 to 5850	Pass
				10	120	5744.980	5725 to 5850	Pass
				30	120	5745.020	5725 to 5850	Pass
				40	120	5745.040	5725 to 5850	Pass
				50	120	5745.020	5725 to 5850	Pass
			20	102	5784.980	5725 to 5850	Pass	
				120	5785.000	5725 to 5850	Pass	
				138	5785.020	5725 to 5850	Pass	
			-30	120	5784.940	5725 to 5850	Pass	
			-20	120	5784.940	5725 to 5850	Pass	
	5785	/	/	-10	120	5785.060	5725 to 5850	Pass
				0	120	5785.040	5725 to 5850	Pass
				10	120	5785.000	5725 to 5850	Pass
				30	120	5785.060	5725 to 5850	Pass

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Tel: (86)-755-2357-9714 Email: Service@eu-test.com

		5825	/	/	40	120	5785.020	5725 to 5850	Pass					
					50	120	5785.000	5725 to 5850	Pass					
					20	102	5825.000	5725 to 5850	Pass					
						120	5824.980	5725 to 5850	Pass					
						138	5825.040	5725 to 5850	Pass					
					-30	120	5825.000	5725 to 5850	Pass					
					-20	120	5825.040	5725 to 5850	Pass					
					-10	120	5824.980	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	5825.000	5725 to 5850	Pass					
					50	120	5825.000	5725 to 5850	Pass					
					802.11n (HT40)	SISO	5190	/	/	20	102	5190.000	5150 to 5250	Pass
											120	5190.000	5150 to 5250	Pass
138	5190.080	5150 to 5250	Pass											
-30	120	5190.040	5150 to 5250	Pass										
-20	120	5190.040	5150 to 5250	Pass										
-10	120	5190.120	5150 to 5250	Pass										
0	120	5190.080	5150 to 5250	Pass										
10	120	5190.120	5150 to 5250	Pass										
30	120	5190.040	5150 to 5250	Pass										
40	120	5190.040	5150 to 5250	Pass										
50	120	5190.120	5150 to 5250	Pass										
20	102	5230.080	5150 to 5250	Pass										
	120	5230.120	5150 to 5250	Pass										
	138	5230.040	5150 to 5250	Pass										
-30	120	5230.080	5150 to 5250	Pass										
-20	120	5230.080	5150 to 5250	Pass										
-10	120	5230.080	5150 to 5250	Pass										
0	120	5230.040	5150 to 5250	Pass										
10	120	5230.080	5150 to 5250	Pass										
30	120	5230.040	5150 to 5250	Pass										
40	120	5230.040	5150 to 5250	Pass										
50	120	5230.080	5150 to 5250	Pass										
5755	/	/	20	102	5755.000	5725 to 5850	Pass							
				120	5755.040	5725 to 5850	Pass							
				138	5755.080	5725 to 5850	Pass							
			-30	120	5755.040	5725 to 5850	Pass							
			-20	120	5755.040	5725 to 5850	Pass							
			-10	120	5755.120	5725 to 5850	Pass							
			0	120	5755.040	5725 to 5850	Pass							
10	120	5755.080	5725 to 5850	Pass										

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802.11ac (VHT20)	SISO	5795	/	/	30	120	5755.120	5725 to 5850	Pass				
					40	120	5755.120	5725 to 5850	Pass				
					50	120	5755.040	5725 to 5850	Pass				
		5180	/	/	20	102	120	5795.040	5725 to 5850	Pass			
						120	120	5795.120	5725 to 5850	Pass			
						138	120	5795.040	5725 to 5850	Pass			
					-30	120	5795.040	5725 to 5850	Pass				
					-20	120	5795.080	5725 to 5850	Pass				
					-10	120	5795.080	5725 to 5850	Pass				
					0	120	5795.040	5725 to 5850	Pass				
					10	120	5795.080	5725 to 5850	Pass				
					30	120	5795.040	5725 to 5850	Pass				
					40	120	5794.960	5725 to 5850	Pass				
					50	120	5795.080	5725 to 5850	Pass				
					5200	/	/	20	102	120	5180.060	5150 to 5250	Pass
									120	120	5179.940	5150 to 5250	Pass
									138	120	5180.080	5150 to 5250	Pass
		-30	120	5180.020				5150 to 5250	Pass				
		-20	120	5180.080				5150 to 5250	Pass				
		-10	120	5180.020				5150 to 5250	Pass				
		0	120	5180.020				5150 to 5250	Pass				
		10	120	5180.040				5150 to 5250	Pass				
		30	120	5180.040				5150 to 5250	Pass				
		40	120	5180.080				5150 to 5250	Pass				
		50	120	5180.060				5150 to 5250	Pass				
		5240	/	/				20	102	120	5199.980	5150 to 5250	Pass
									120	120	5200.040	5150 to 5250	Pass
									138	120	5200.060	5150 to 5250	Pass
					-30	120	5200.020	5150 to 5250	Pass				
					-20	120	5200.020	5150 to 5250	Pass				
					-10	120	5199.980	5150 to 5250	Pass				
0	120				5200.000	5150 to 5250	Pass						
10	120				5199.980	5150 to 5250	Pass						
30	120				5200.020	5150 to 5250	Pass						
40	120				5200.060	5150 to 5250	Pass						
50	120				5200.040	5150 to 5250	Pass						
5240	/				/	20	102	120	5240.060	5150 to 5250	Pass		
							120	120	5239.920	5150 to 5250	Pass		
							138	120	5240.000	5150 to 5250	Pass		
		-30	120	5239.980		5150 to 5250	Pass						
		-20	120	5239.980		5150 to 5250	Pass						
-10	120	5240.000	5150 to 5250	Pass									
0	120	5240.000	5150 to 5250	Pass									

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					10	120	5239.960	5150 to 5250	Pass						
					30	120	5240.020	5150 to 5250	Pass						
					40	120	5239.980	5150 to 5250	Pass						
					50	120	5240.020	5150 to 5250	Pass						
		5745	/	/	20	102		5745.040	5725 to 5850	Pass					
						120		5745.000	5725 to 5850	Pass					
						138		5745.020	5725 to 5850	Pass					
								-30	120	5745.020	5725 to 5850	Pass			
								-20	120	5745.020	5725 to 5850	Pass			
								-10	120	5744.940	5725 to 5850	Pass			
								0	120	5744.960	5725 to 5850	Pass			
								10	120	5745.040	5725 to 5850	Pass			
								30	120	5745.020	5725 to 5850	Pass			
								40	120	5744.980	5725 to 5850	Pass			
								50	120	5745.000	5725 to 5850	Pass			
					5785	/	/	20	102		5785.000	5725 to 5850	Pass		
									120		5785.020	5725 to 5850	Pass		
		138		5785.020					5725 to 5850	Pass					
								-30	120	5785.000	5725 to 5850	Pass			
								-20	120	5784.980	5725 to 5850	Pass			
								-10	120	5784.940	5725 to 5850	Pass			
								0	120	5785.000	5725 to 5850	Pass			
								10	120	5785.020	5725 to 5850	Pass			
								30	120	5785.000	5725 to 5850	Pass			
								40	120	5784.980	5725 to 5850	Pass			
								50	120	5785.000	5725 to 5850	Pass			
		5825	/	/				20	102		5825.020	5725 to 5850	Pass		
									120		5824.980	5725 to 5850	Pass		
					138		5824.960		5725 to 5850	Pass					
								-30	120	5825.020	5725 to 5850	Pass			
								-20	120	5824.920	5725 to 5850	Pass			
								-10	120	5825.020	5725 to 5850	Pass			
								0	120	5825.000	5725 to 5850	Pass			
								10	120	5824.980	5725 to 5850	Pass			
								30	120	5825.020	5725 to 5850	Pass			
								40	120	5825.020	5725 to 5850	Pass			
								50	120	5825.000	5725 to 5850	Pass			
					802.11ac (VHT40)	SISO	5190	/	/	20	102		5190.000	5150 to 5250	Pass
											120		5190.040	5150 to 5250	Pass
		138		5189.960							5150 to 5250	Pass			
			-30	120						5190.120	5150 to 5250	Pass			
			-20	120						5190.000	5150 to 5250	Pass			
			-10	120						5190.040	5150 to 5250	Pass			

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				0	120	5190.040	5150 to 5250	Pass
				10	120	5190.080	5150 to 5250	Pass
				30	120	5190.080	5150 to 5250	Pass
				40	120	5190.080	5150 to 5250	Pass
				50	120	5190.080	5150 to 5250	Pass
					102	5230.120	5150 to 5250	Pass
				20	120	5230.040	5150 to 5250	Pass
					138	5230.000	5150 to 5250	Pass
				-30	120	5230.120	5150 to 5250	Pass
				-20	120	5230.040	5150 to 5250	Pass
				-10	120	5230.000	5150 to 5250	Pass
				0	120	5230.000	5150 to 5250	Pass
				10	120	5230.080	5150 to 5250	Pass
				30	120	5230.040	5150 to 5250	Pass
				40	120	5230.080	5150 to 5250	Pass
				50	120	5230.040	5150 to 5250	Pass
					102	5755.080	5725 to 5850	Pass
				20	120	5755.040	5725 to 5850	Pass
					138	5755.000	5725 to 5850	Pass
				-30	120	5755.080	5725 to 5850	Pass
				-20	120	5755.000	5725 to 5850	Pass
				-10	120	5754.960	5725 to 5850	Pass
				0	120	5754.960	5725 to 5850	Pass
				10	120	5755.040	5725 to 5850	Pass
				30	120	5755.040	5725 to 5850	Pass
				40	120	5755.160	5725 to 5850	Pass
				50	120	5755.040	5725 to 5850	Pass
					102	5795.040	5725 to 5850	Pass
				20	120	5795.120	5725 to 5850	Pass
					138	5795.000	5725 to 5850	Pass
				-30	120	5795.120	5725 to 5850	Pass
				-20	120	5795.040	5725 to 5850	Pass
				-10	120	5795.080	5725 to 5850	Pass
				0	120	5795.120	5725 to 5850	Pass
				10	120	5795.120	5725 to 5850	Pass
				30	120	5795.000	5725 to 5850	Pass
				40	120	5795.120	5725 to 5850	Pass
				50	120	5795.040	5725 to 5850	Pass

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

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