

FCC ID: 2BFI9-SM1

Applicant: Shenzhen Zhongxin Shidai Technology Co.,Ltd.

Address: 201, Building B, Chunenghui, No.11Qinghuamei Road, Guanhu Street, Longhua District, Shenzhen, China

Manufacturer: Shenzhen Zhongxin Shidai Technology Co.,Ltd.

Address: 201, Building B, Chunenghui, No.11Qinghuamei Road, Guanhu Street, Longhua District, Shenzhen, China

Product Name: Security Camera

Trade Mark: N/A

Model Number: SM1

Date of Receipt: Jul. 03, 2026

Test Date: Jul. 03, 2026 - Jul. 17, 2026

Date of Report: Jul. 17, 2026

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

Applicable Standards: FCC PART 15 E 15.407
ANSI C63.10:2020

Test Result: Pass

Report Number: DLE-260703053R

1. Duty Cycle

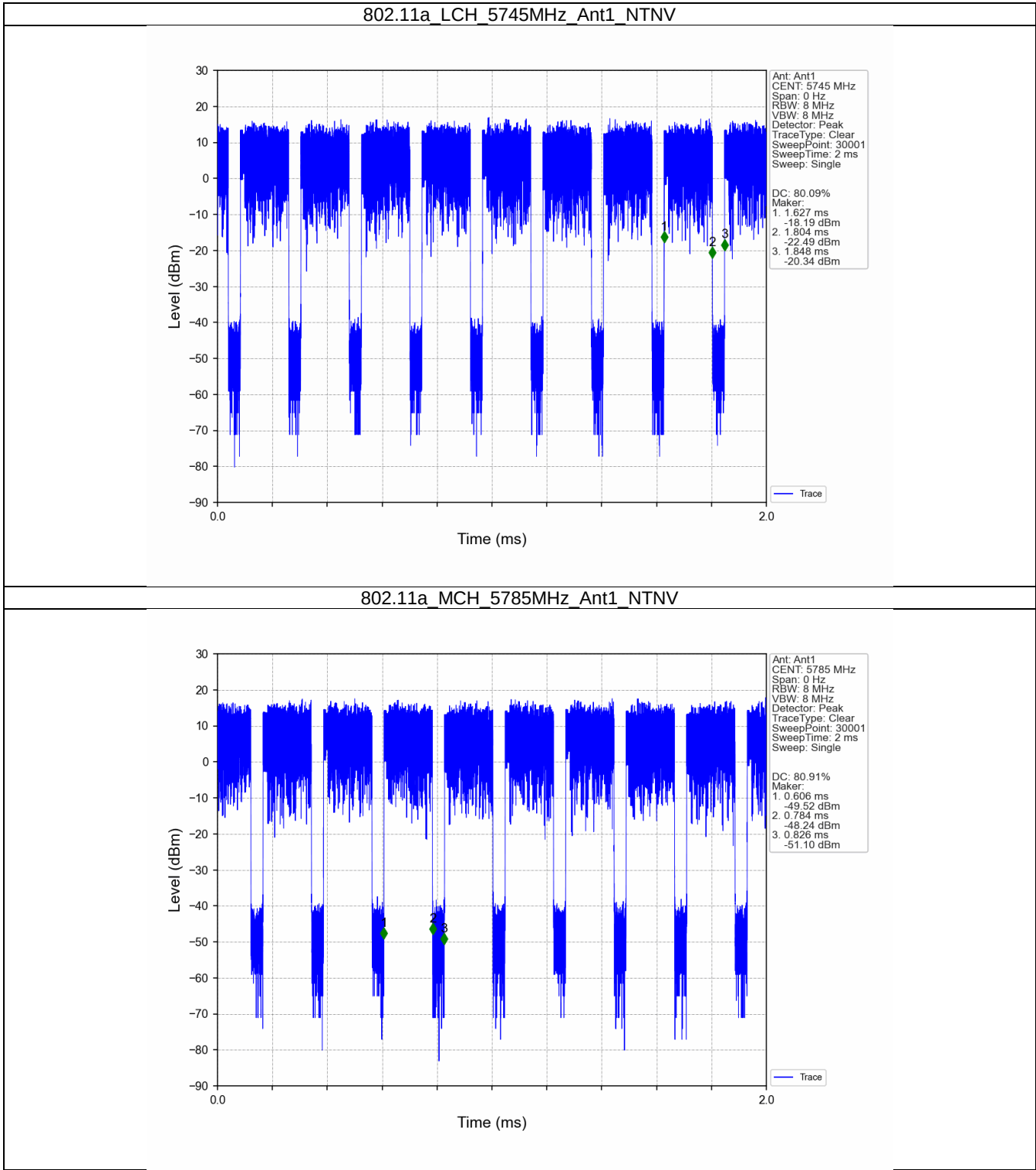
1.1 Test Result

1.1.1 Ant1

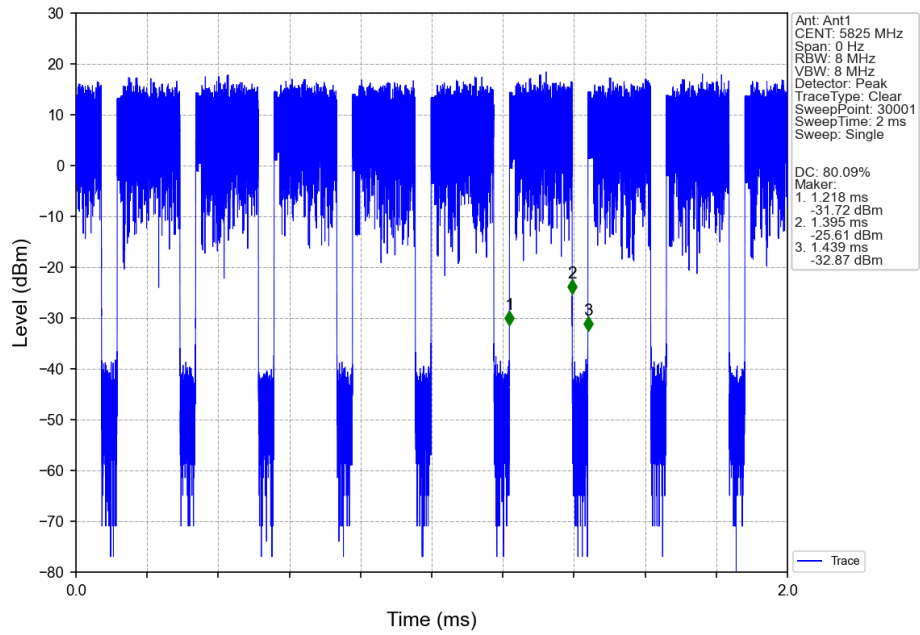
Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	/	/	0.177	0.221	80.09	0.96	0.13
		5785	/	/	0.178	0.220	80.91	0.92	0.09
		5825	/	/	0.177	0.221	80.09	0.96	0.11
802.11n (HT20)	SISO	5745	/	/	0.166	0.208	79.81	0.98	0.04
		5785	/	/	0.164	0.208	78.85	1.03	0.09
		5825	/	/	0.167	0.209	79.90	0.97	0.14
802.11n (HT40)	SISO	5755	/	/	0.101	0.145	69.66	1.57	0.08
		5795	/	/	0.102	0.144	70.83	1.50	0.13
802.11ac (VHT20)	SISO	5745	/	/	0.150	0.192	78.12	1.07	0.08
		5785	/	/	0.151	0.193	78.24	1.07	0.11
		5825	/	/	0.151	0.192	78.65	1.04	0.10
802.11ac (VHT40)	SISO	5755	/	/	0.089	0.132	67.42	1.71	0.08
		5795	/	/	0.089	0.132	67.42	1.71	0.08
802.11ac (VHT80)	SISO	5775	/	/	0.067	0.127	52.76	2.78	8.88

1.2 Test Graph

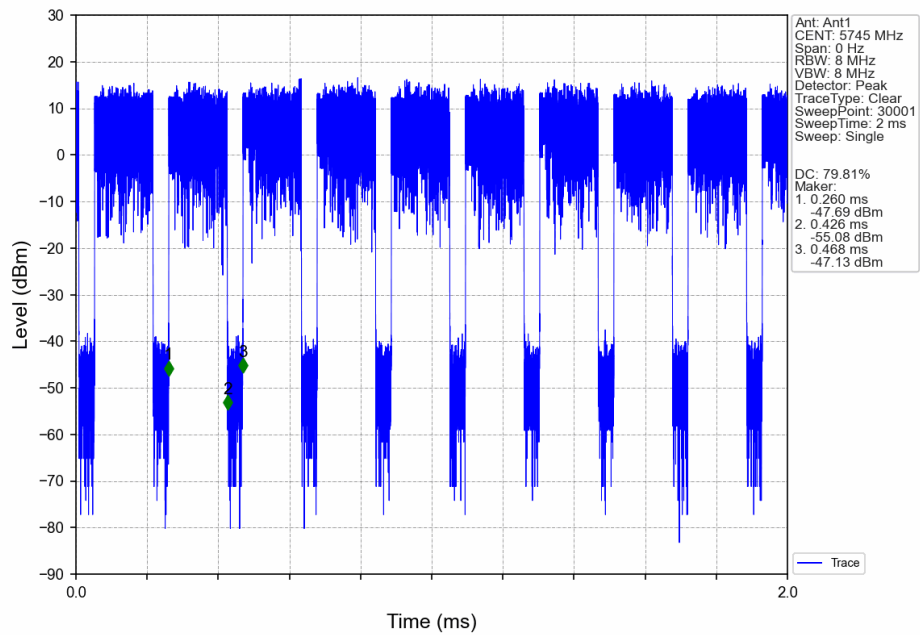
1.2.1 Ant1



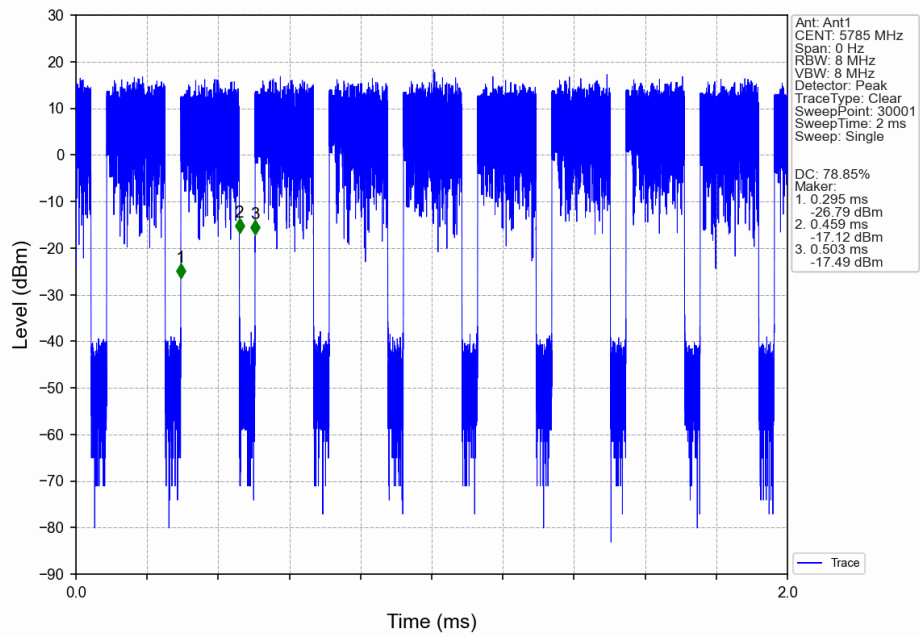
802.11a HCH 5825MHz Ant1 NTNV



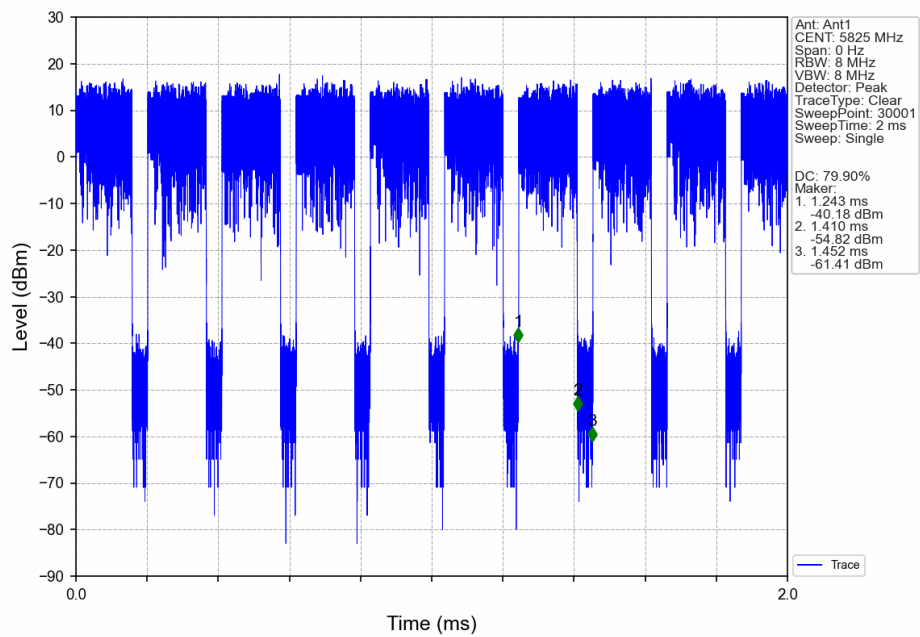
802.11n(HT20) LCH 5745MHz Ant1 NTNV



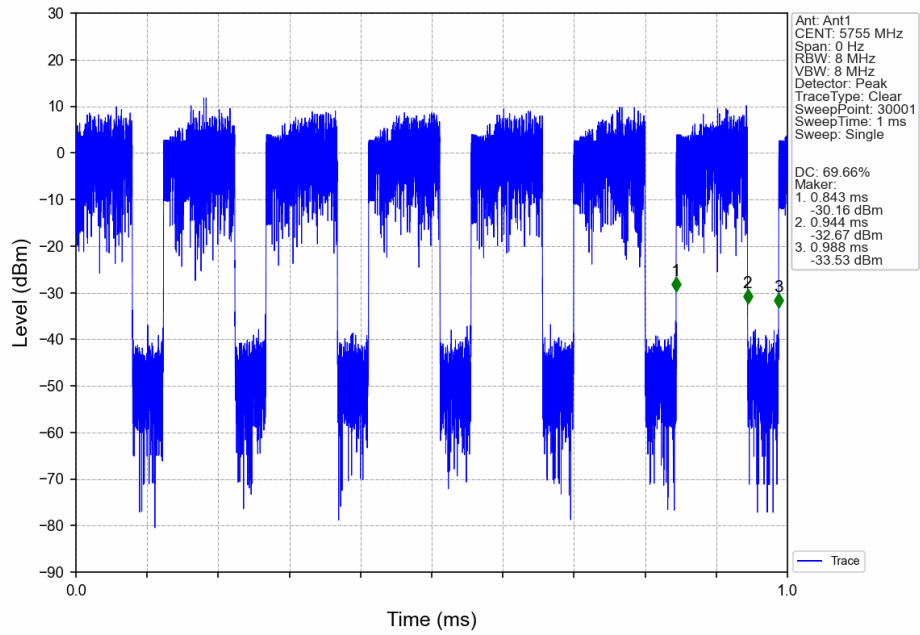
802.11n(HT20) MCH 5785MHz Ant1 NTN



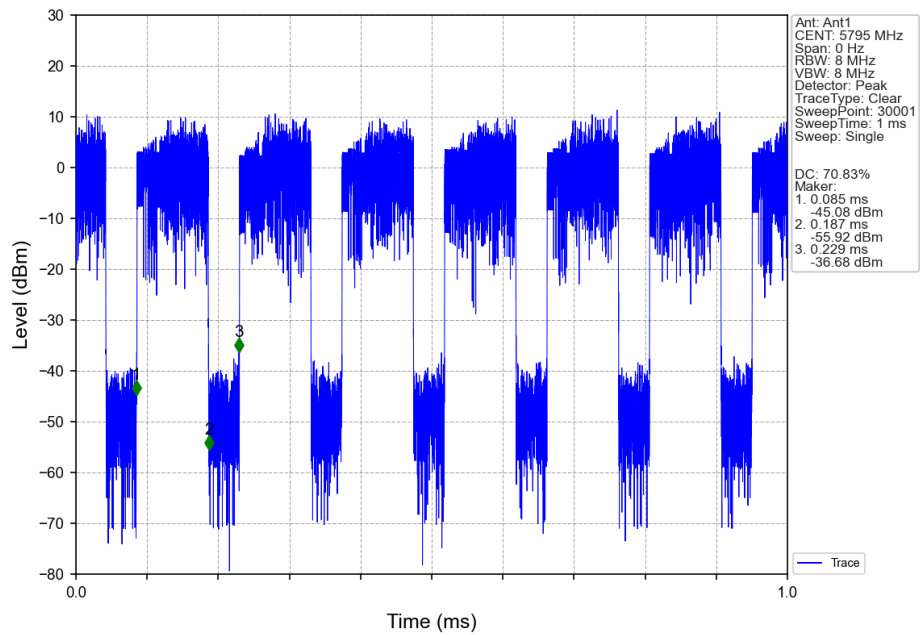
802.11n(HT20) HCH 5825MHz Ant1 NTN



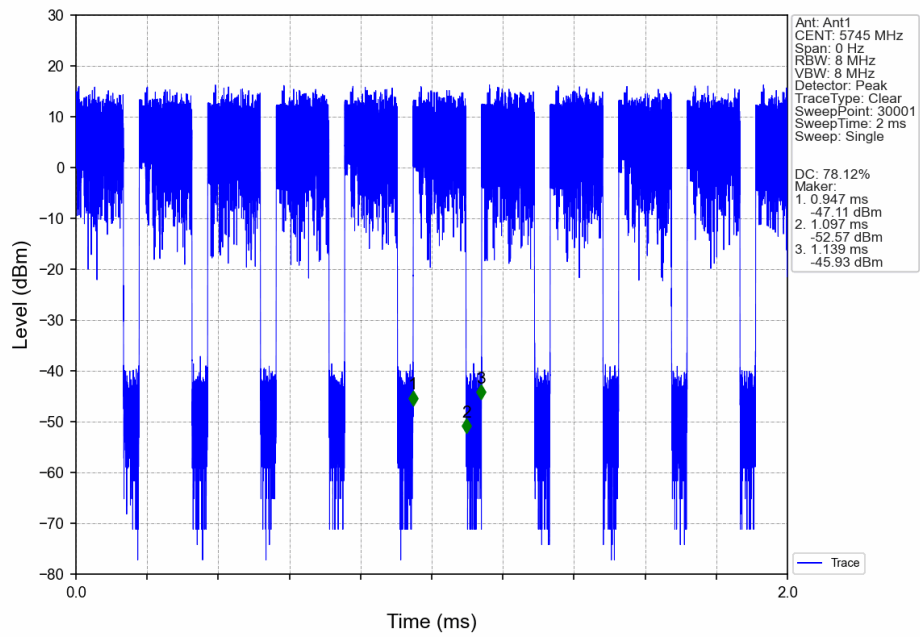
802.11n(HT40) LCH 5755MHz Ant1 NTN



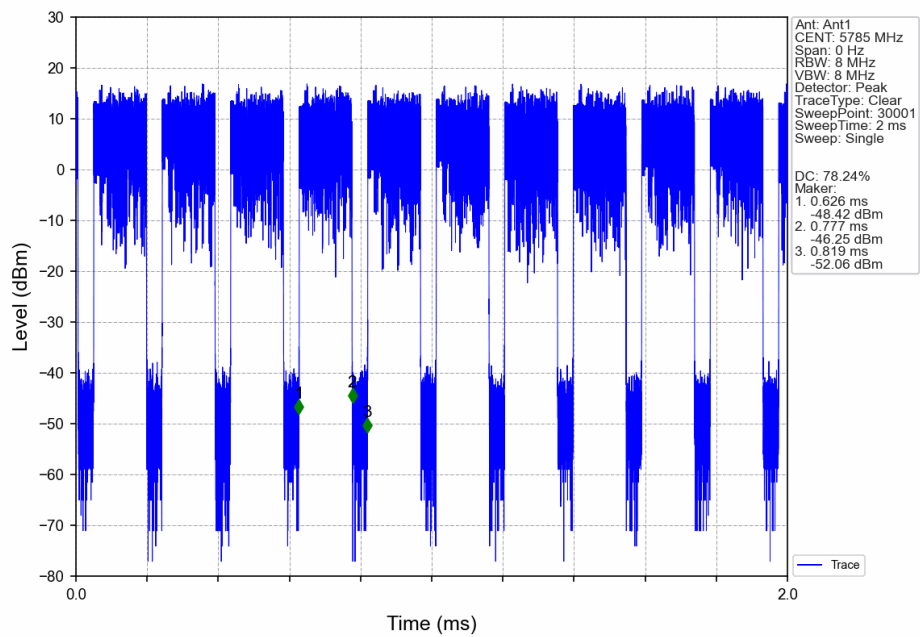
802.11n(HT40) HCH 5795MHz Ant1 NTN



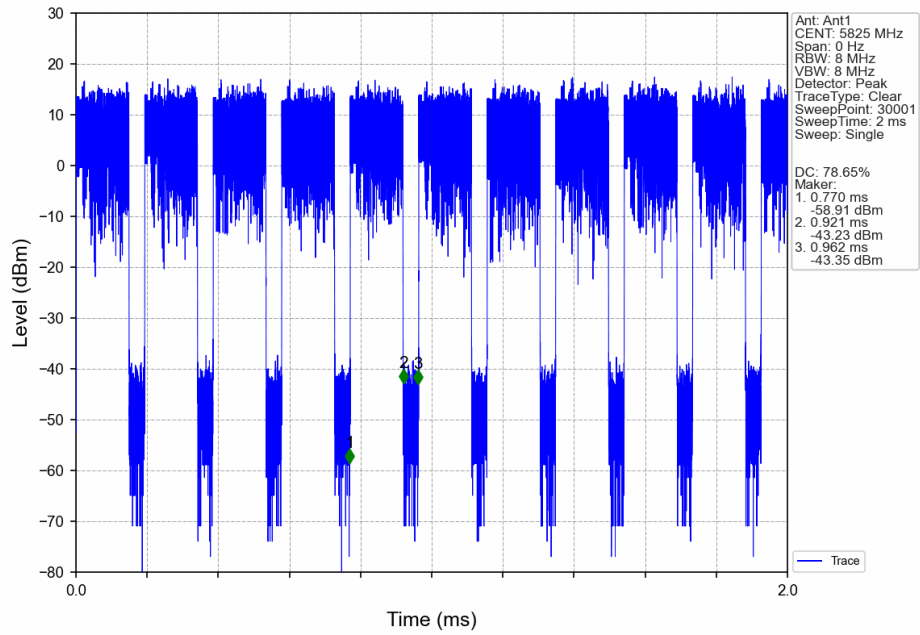
802.11ac(VHT20) LCH 5745MHz Ant1 NTNV



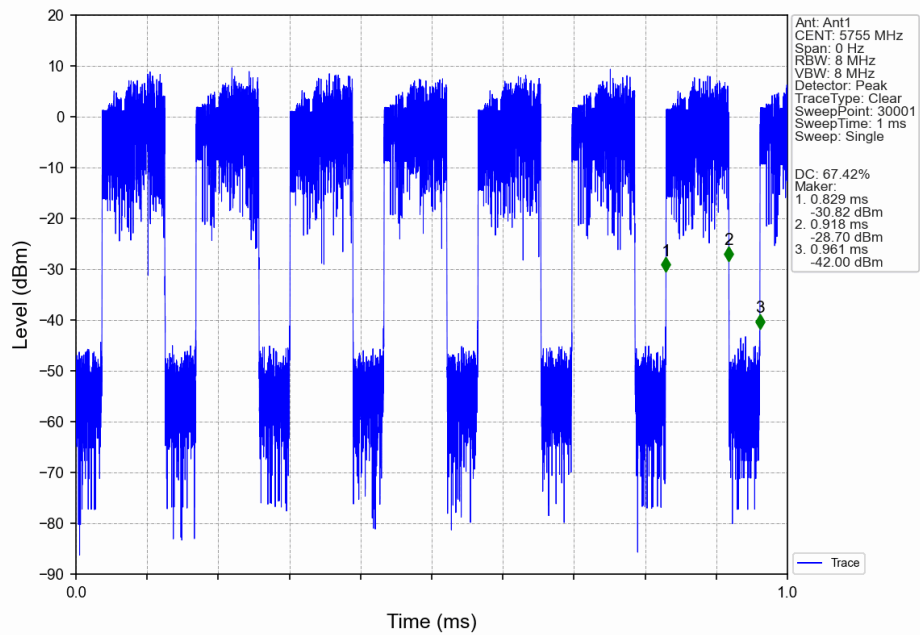
802.11ac(VHT20) MCH 5785MHz Ant1 NTNV



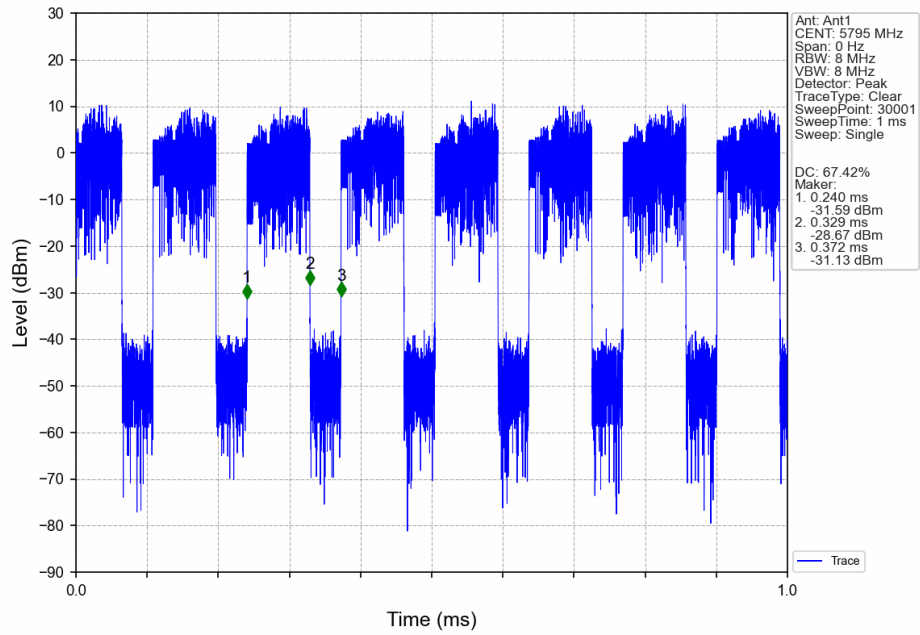
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



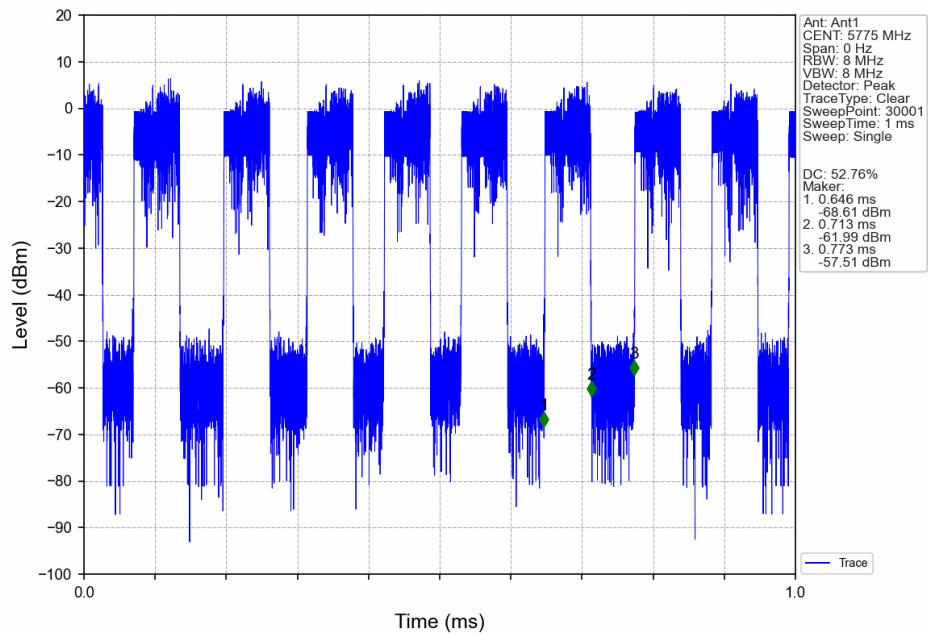
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



2. Bandwidth

2.1 Test Result

2.1.1 OBW

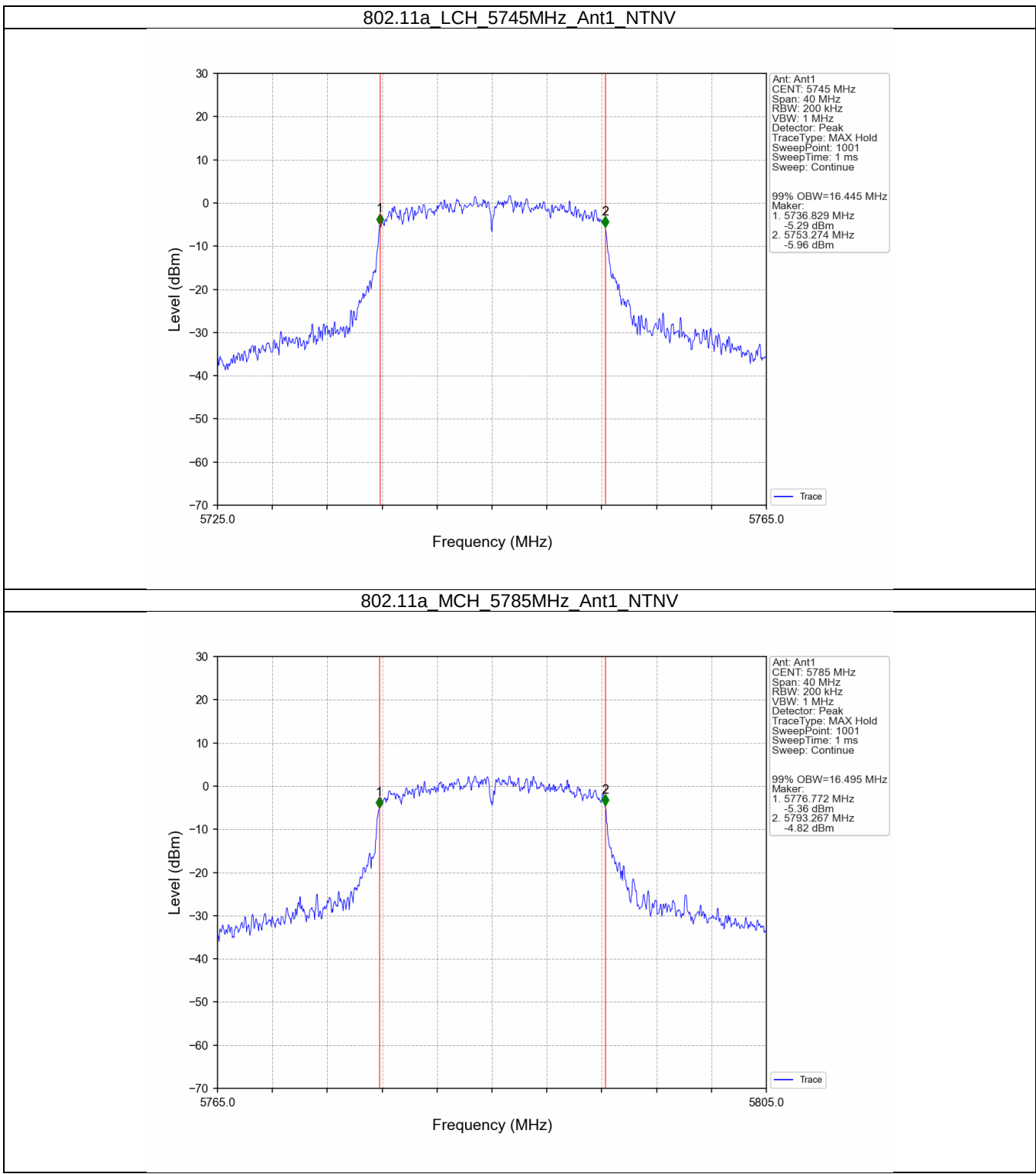
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.445	/	Pass
		5785	/	/	1	16.495	/	Pass
		5825	/	/	1	16.468	/	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.626	/	Pass
		5785	/	/	1	17.612	/	Pass
		5825	/	/	1	17.590	/	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.254	/	Pass
		5795	/	/	1	36.102	/	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.638	/	Pass
		5785	/	/	1	17.570	/	Pass
		5825	/	/	1	17.622	/	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.153	/	Pass
		5795	/	/	1	36.190	/	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	75.505	/	Pass

2.1.2 6dB BW

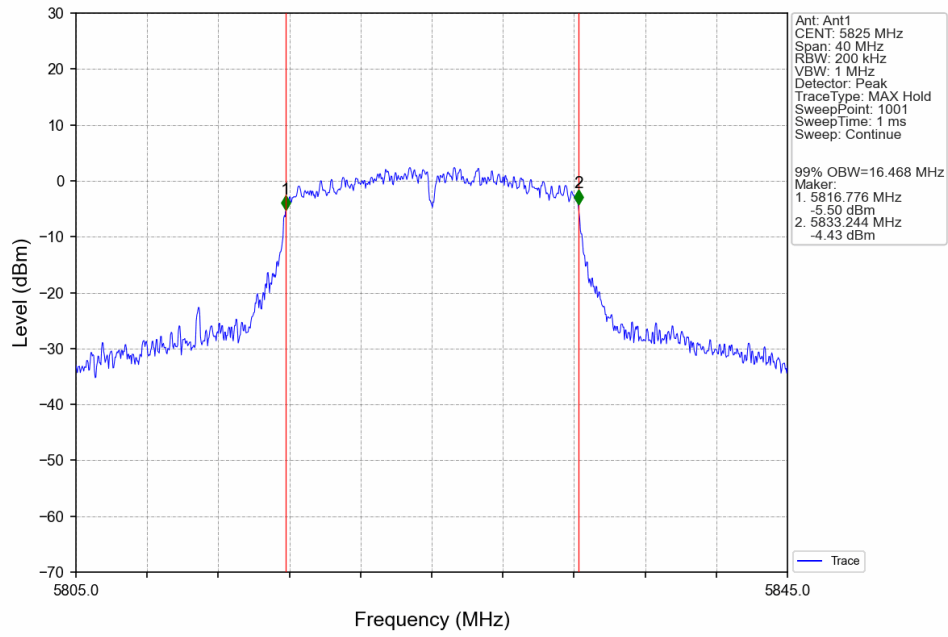
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	15.171	>=0.5	Pass
		5785	/	/	1	15.154	>=0.5	Pass
		5825	/	/	1	15.465	>=0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	15.153	>=0.5	Pass
		5785	/	/	1	15.150	>=0.5	Pass
		5825	/	/	1	15.726	>=0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	35.158	>=0.5	Pass
		5795	/	/	1	35.144	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	15.404	>=0.5	Pass
		5785	/	/	1	15.777	>=0.5	Pass
		5825	/	/	1	15.210	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	35.144	>=0.5	Pass
		5795	/	/	1	35.152	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	75.150	>=0.5	Pass

2.2 Test Graph

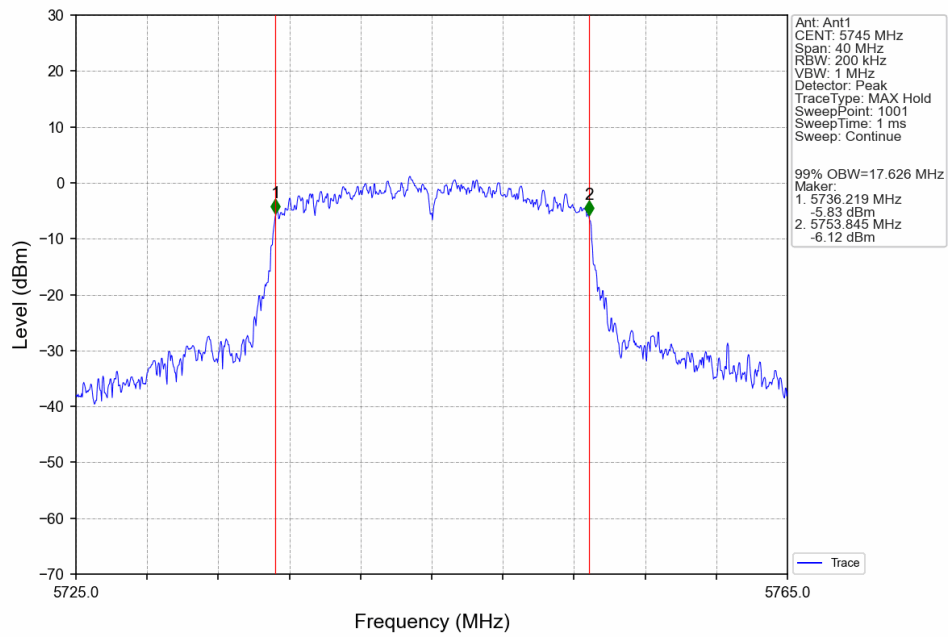
2.2.1 OBW



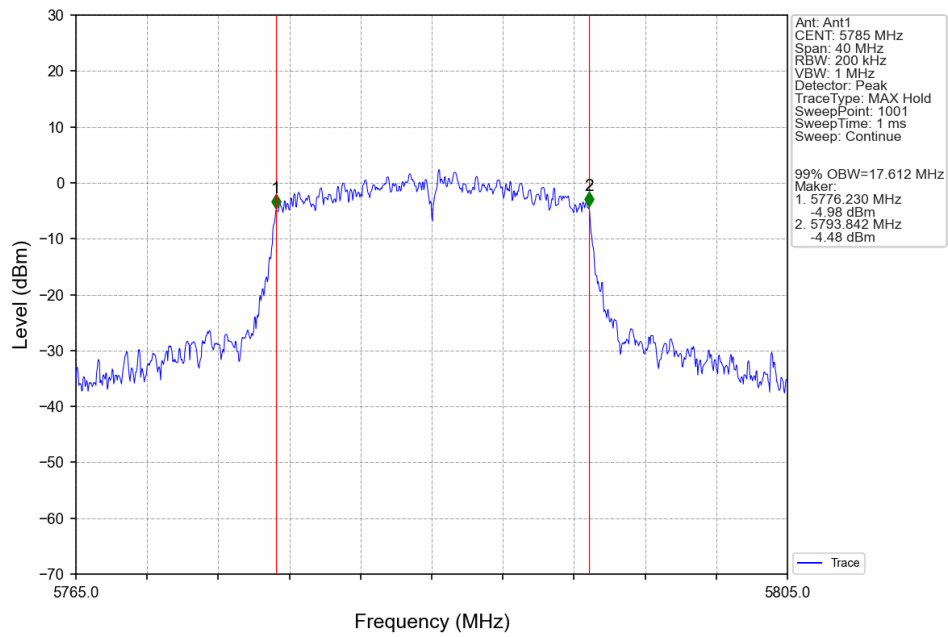
802.11a HCH 5825MHz Ant1 NTNV



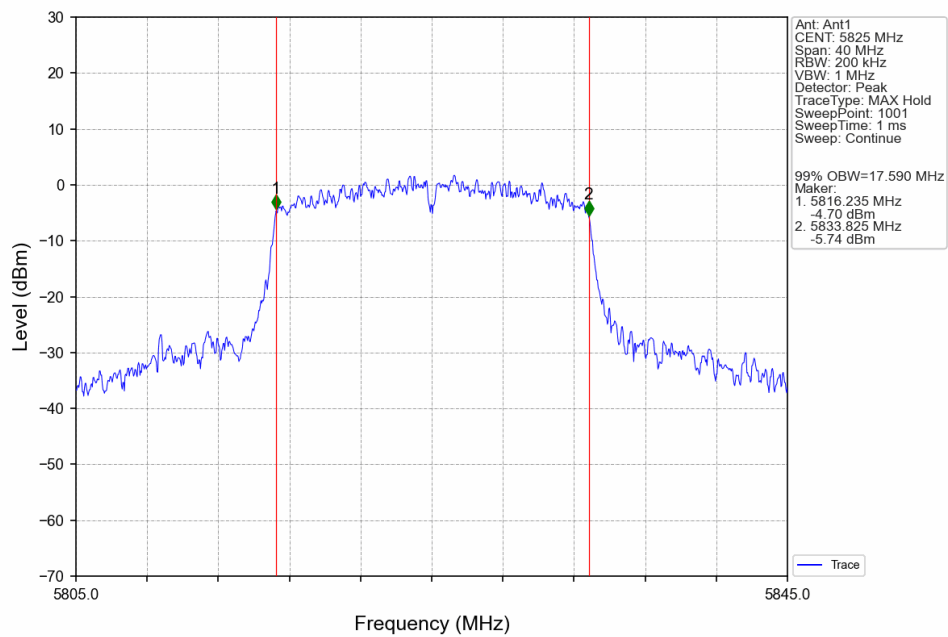
802.11n(HT20) LCH 5745MHz Ant1 NTNV



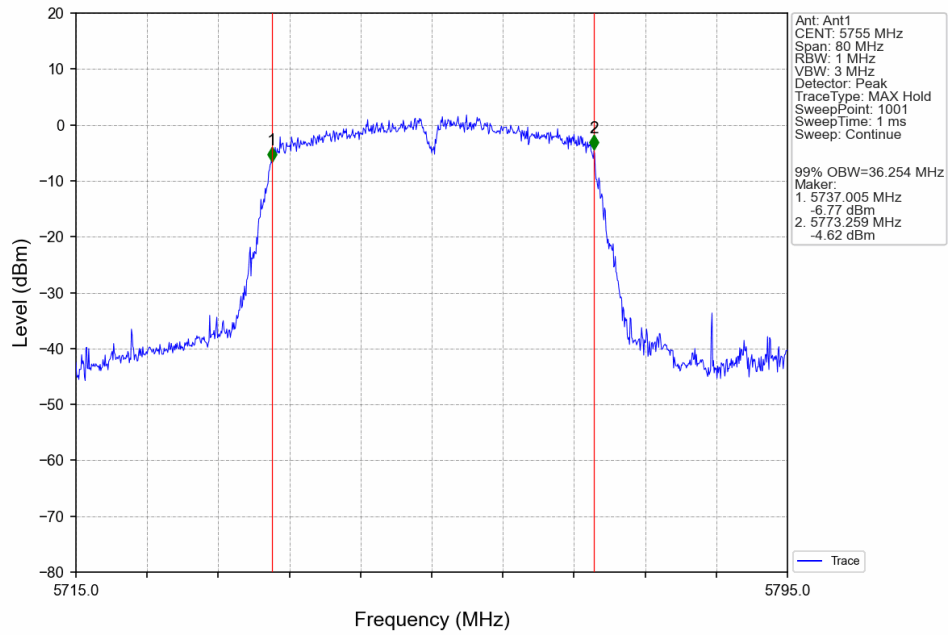
802.11n(HT20) MCH 5785MHz Ant1 NTN



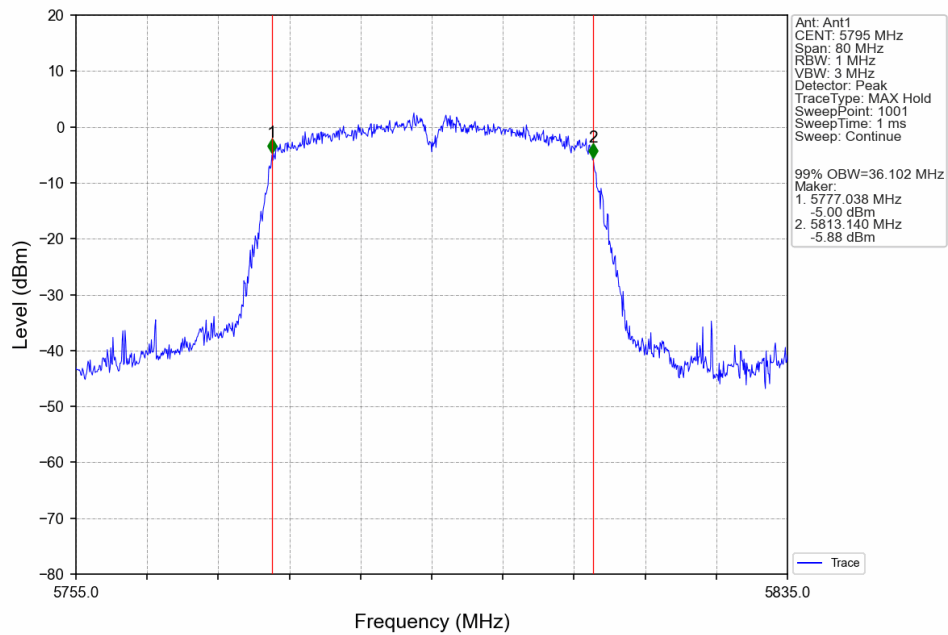
802.11n(HT20) HCH 5825MHz Ant1 NTN



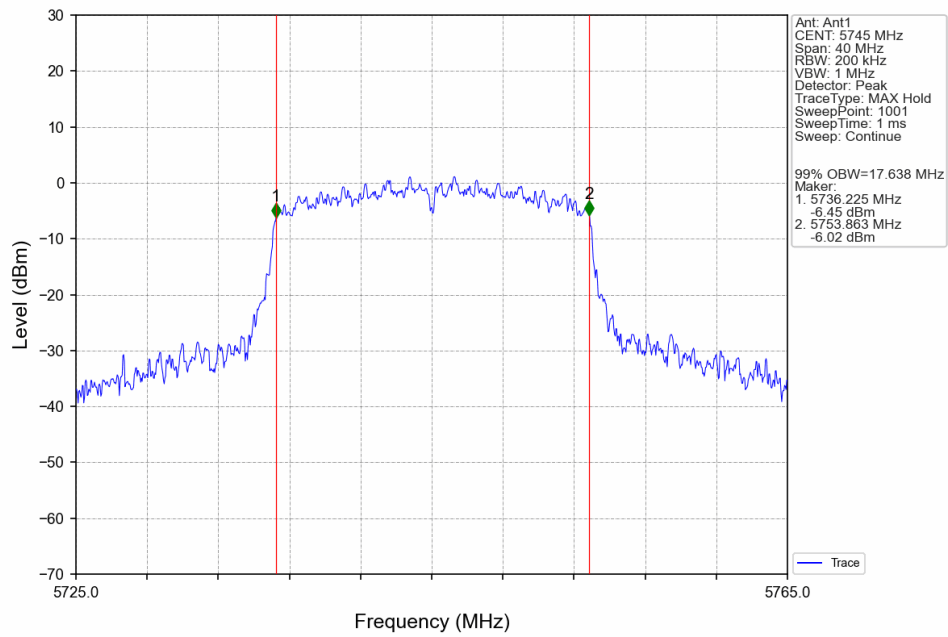
802.11n(HT40) LCH 5755MHz Ant1 NTN



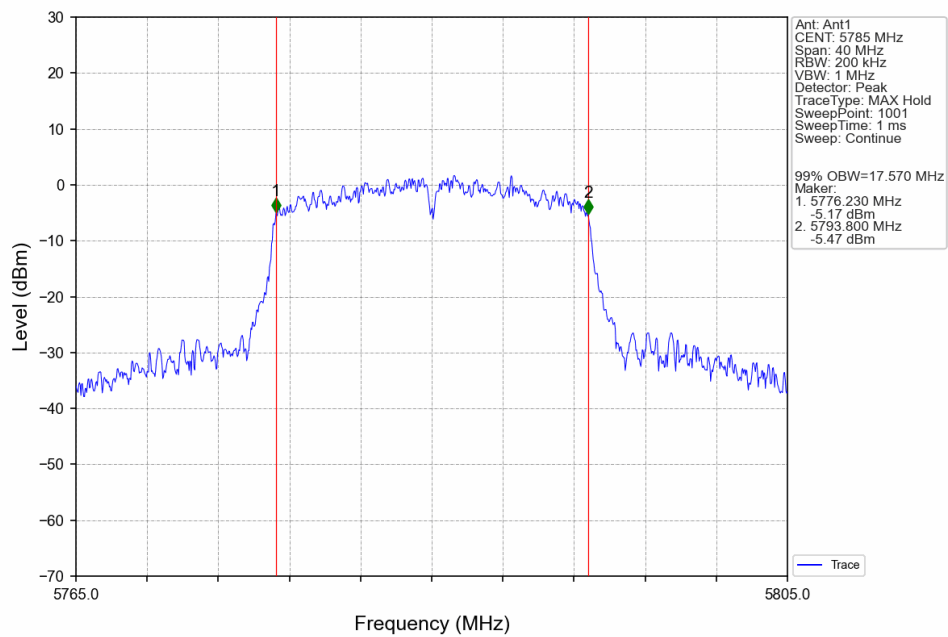
802.11n(HT40) HCH 5795MHz Ant1 NTN



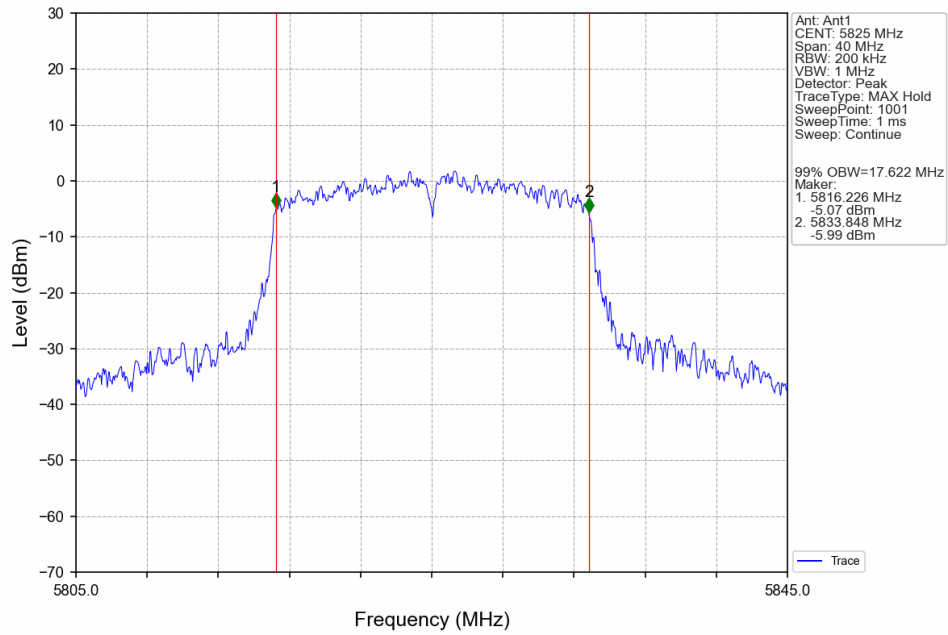
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



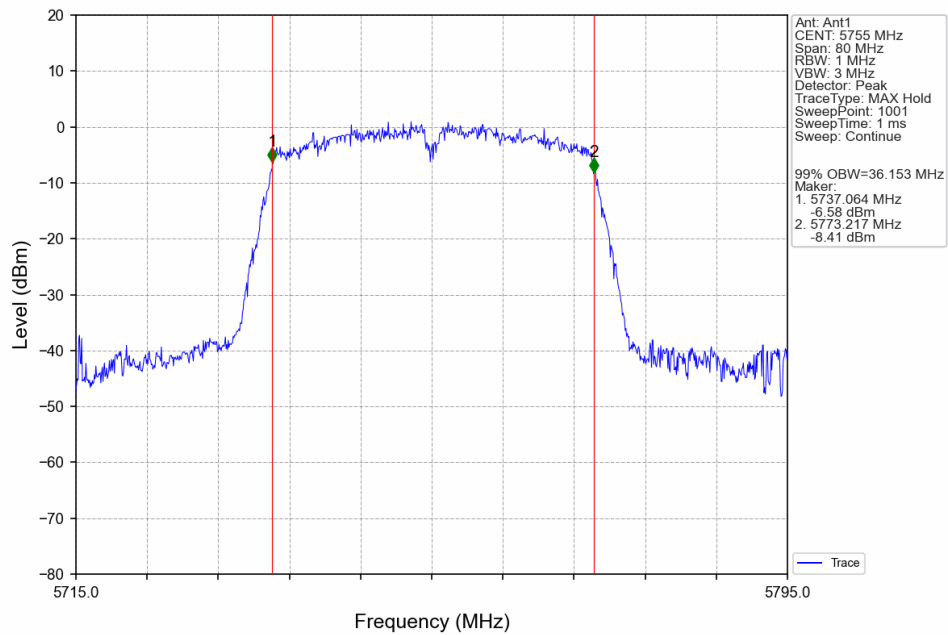
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



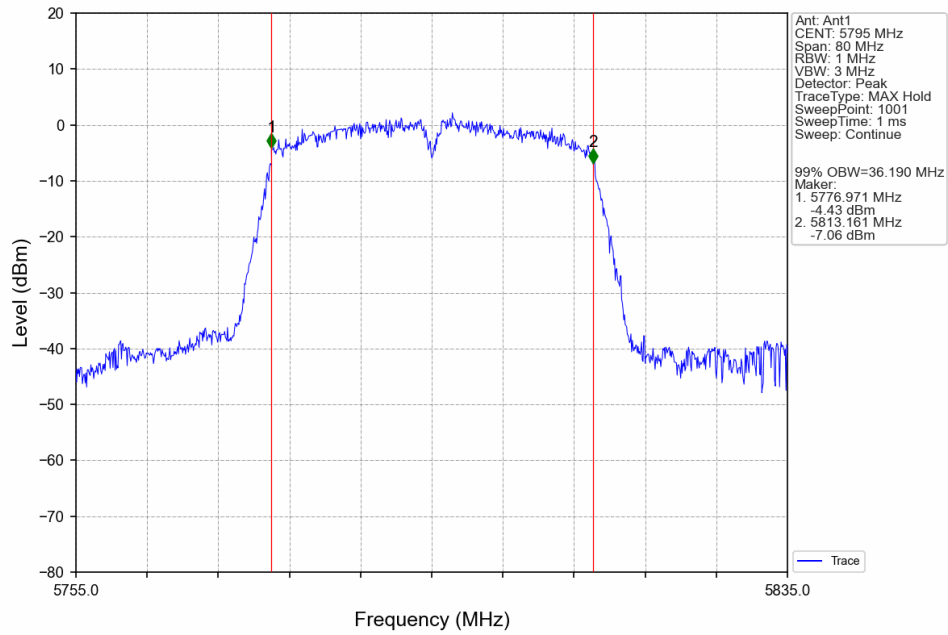
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



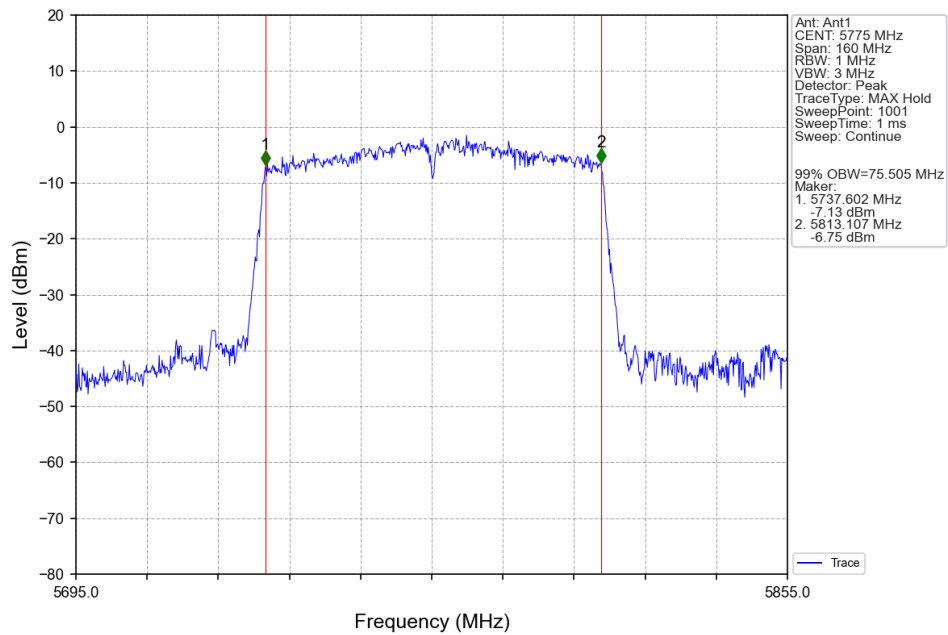
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



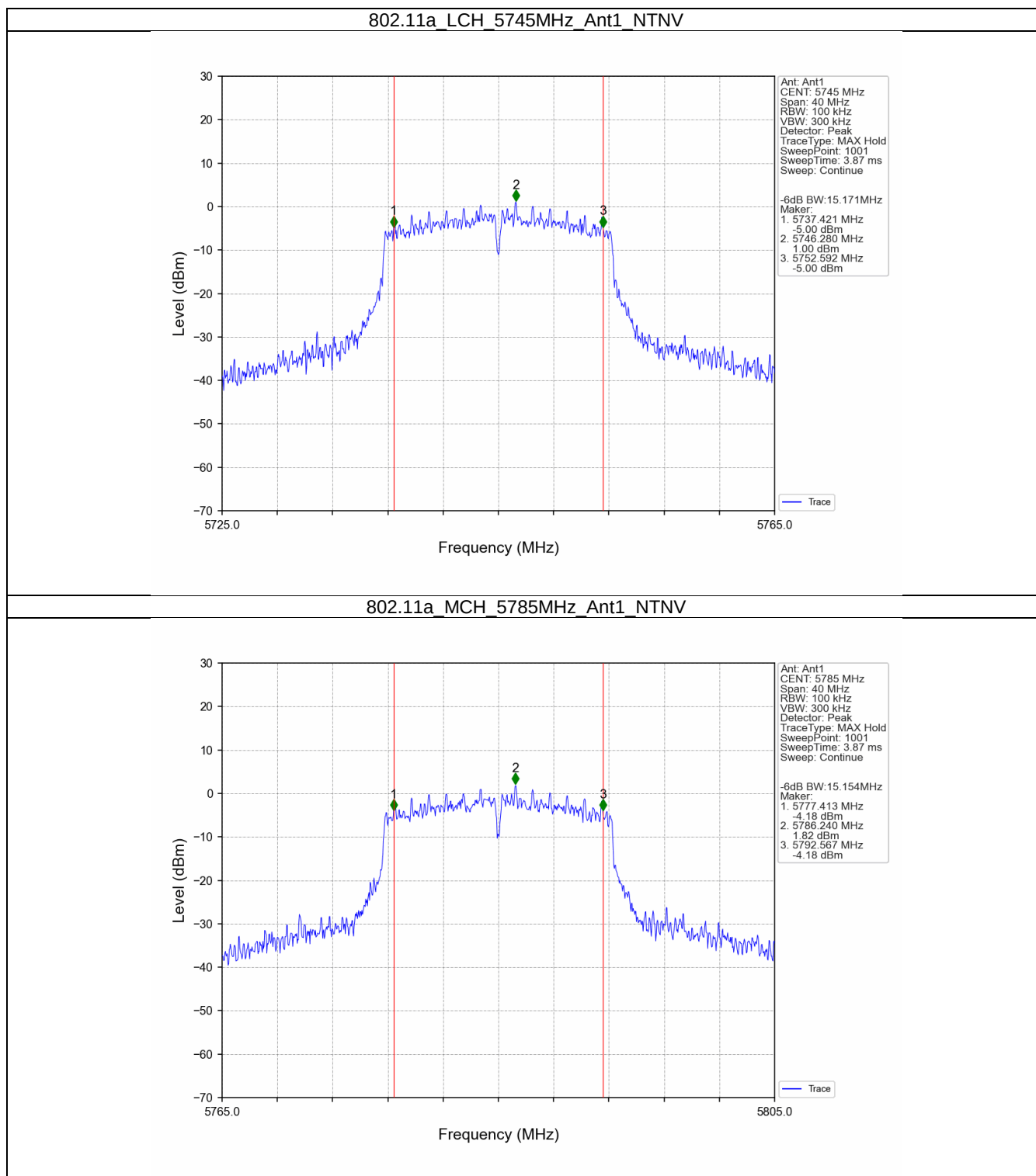
802.11ac(VHT40) HCH 5795MHz Ant1 NTNV



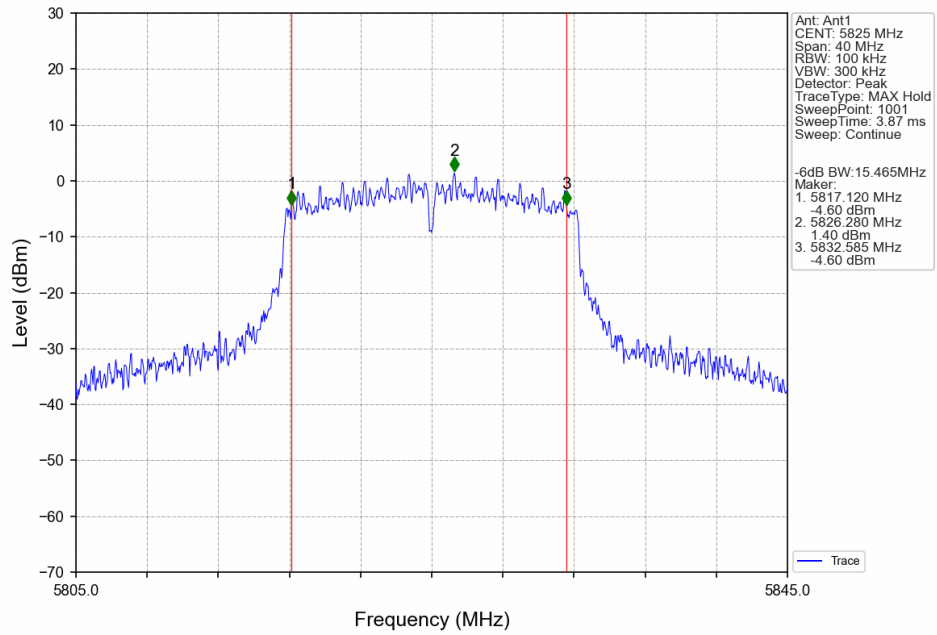
802.11ac(VHT80) MCH 5775MHz Ant1 NTNV



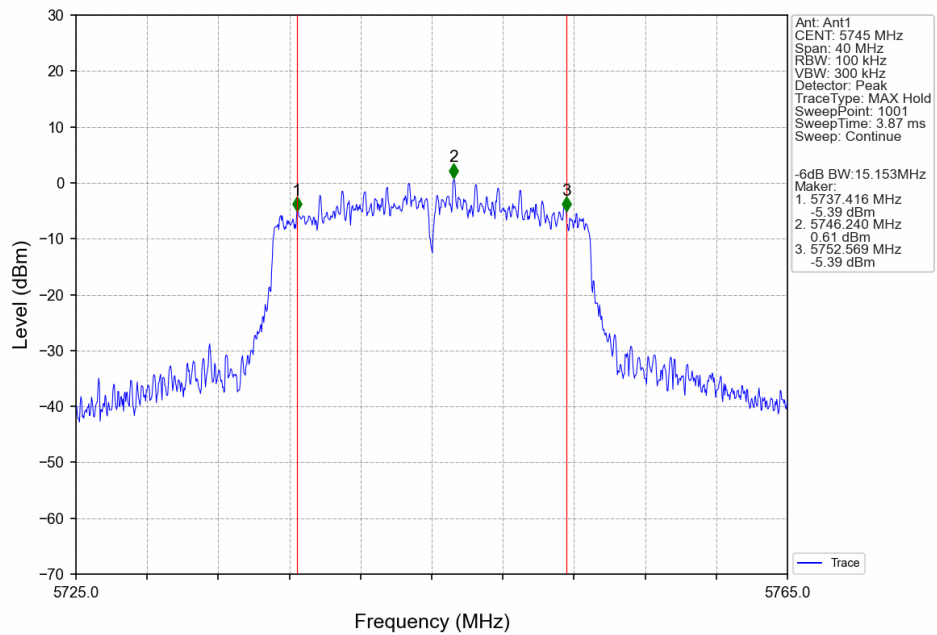
2.2.2 6dB BW



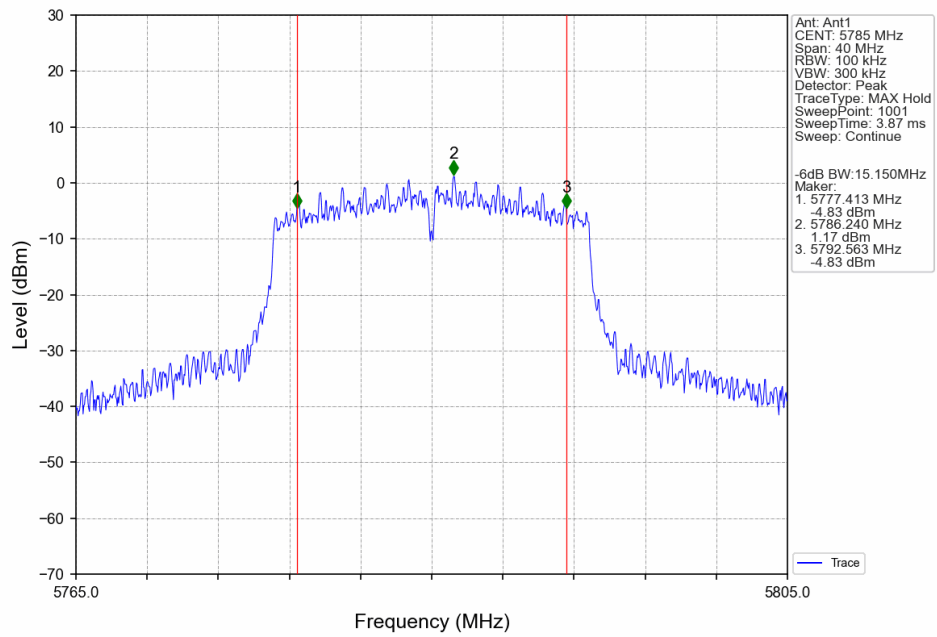
802.11a HCH 5825MHz Ant1 NTNV



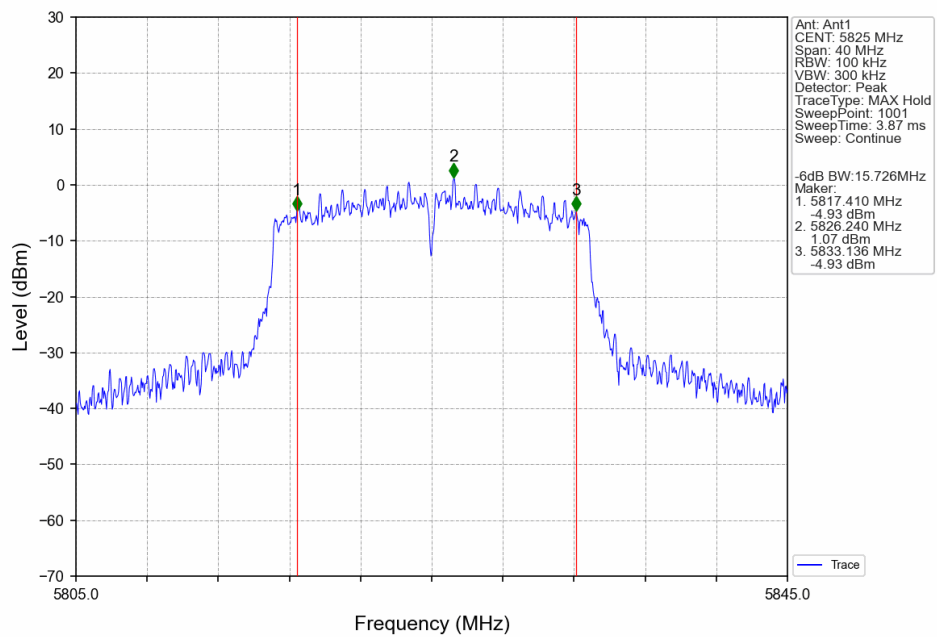
802.11n(HT20) LCH 5745MHz Ant1 NTNV



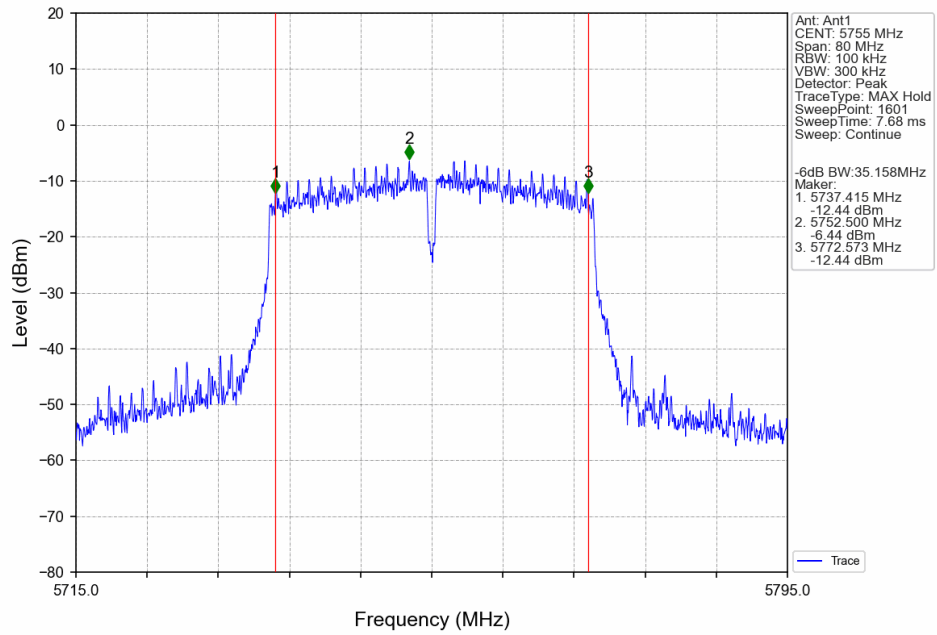
802.11n(HT20) MCH 5785MHz Ant1 NTN



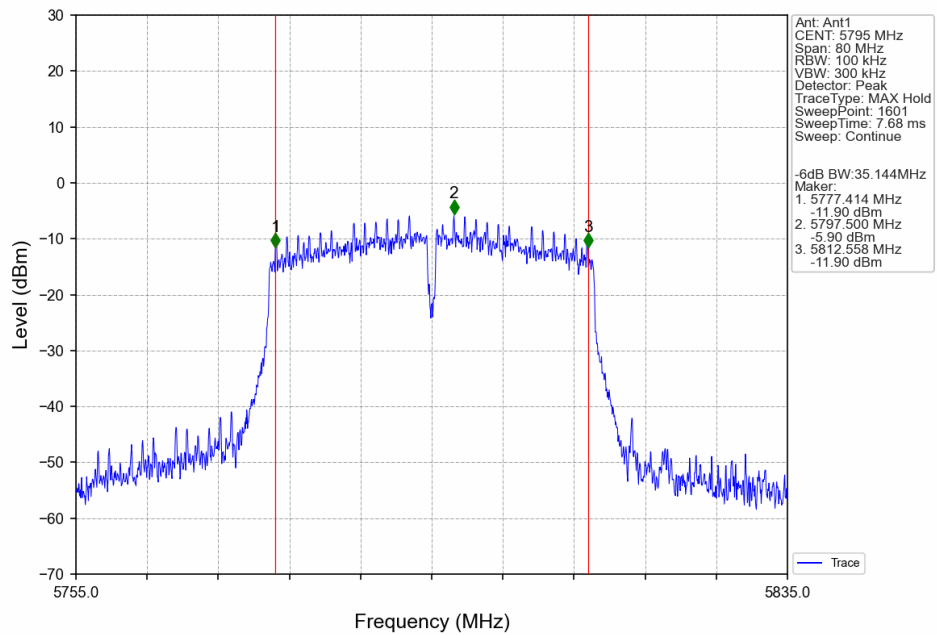
802.11n(HT20) HCH 5825MHz Ant1 NTN



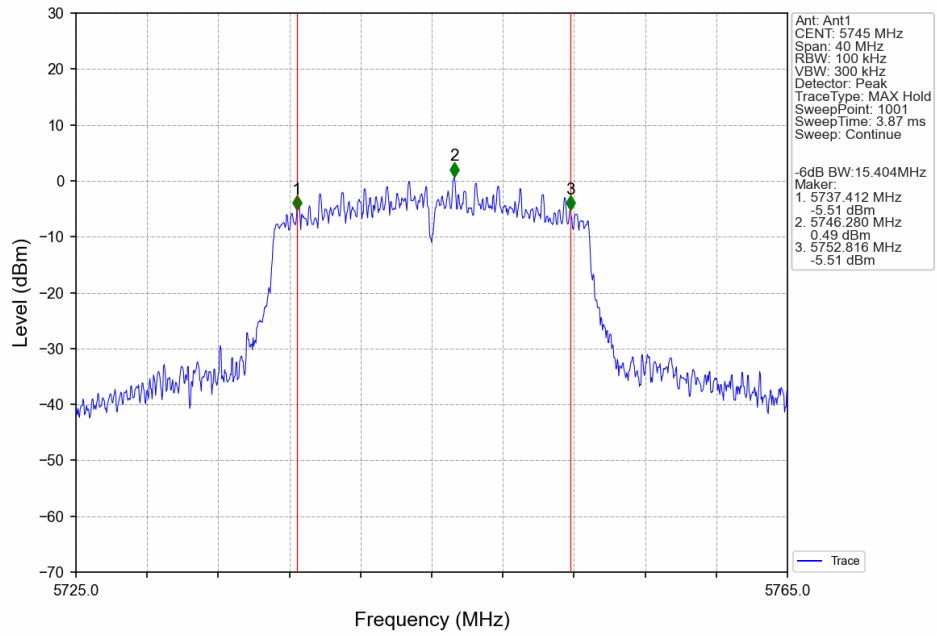
802.11n(HT40) LCH 5755MHz Ant1 NTN



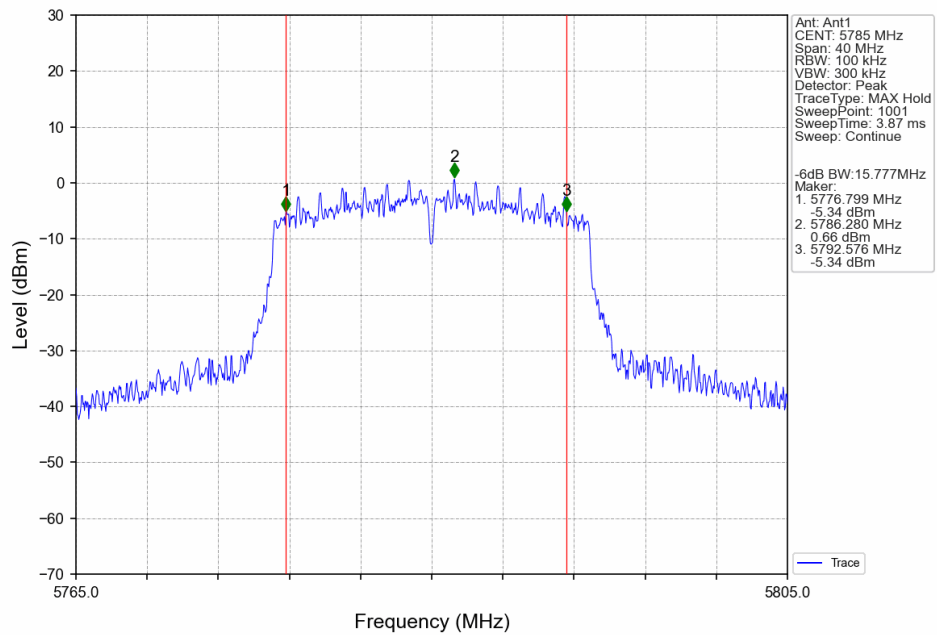
802.11n(HT40) HCH 5795MHz Ant1 NTN



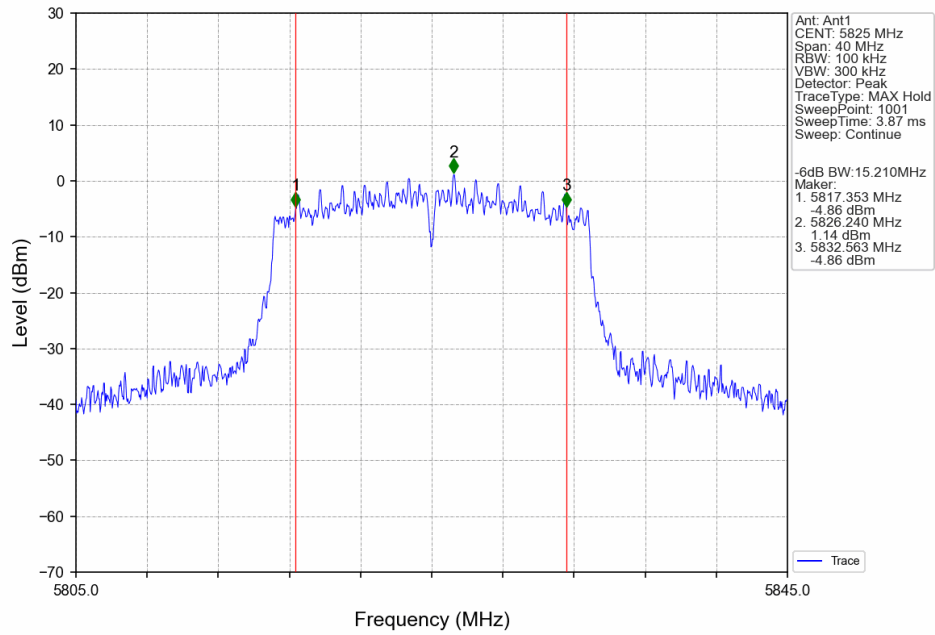
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



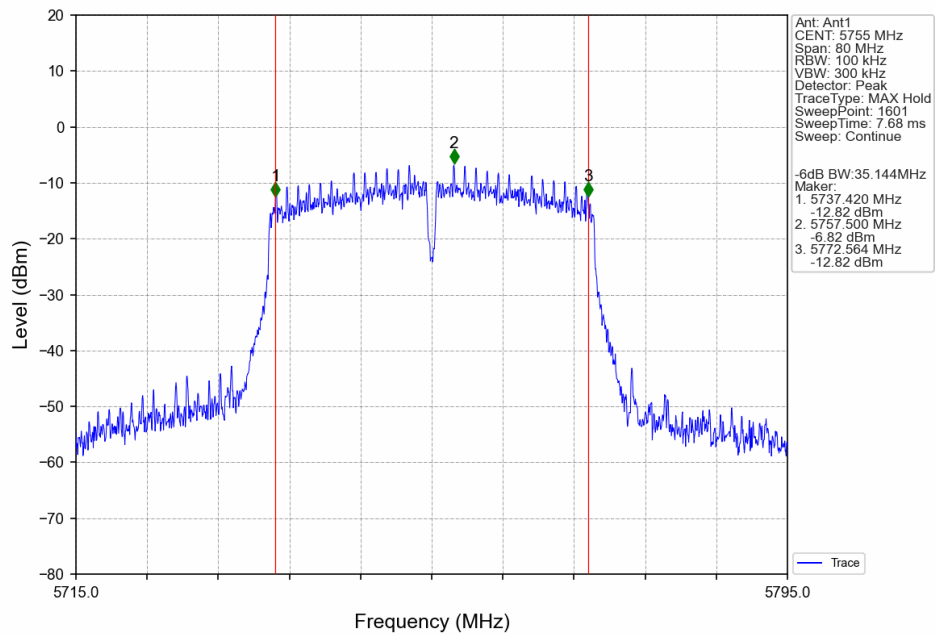
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



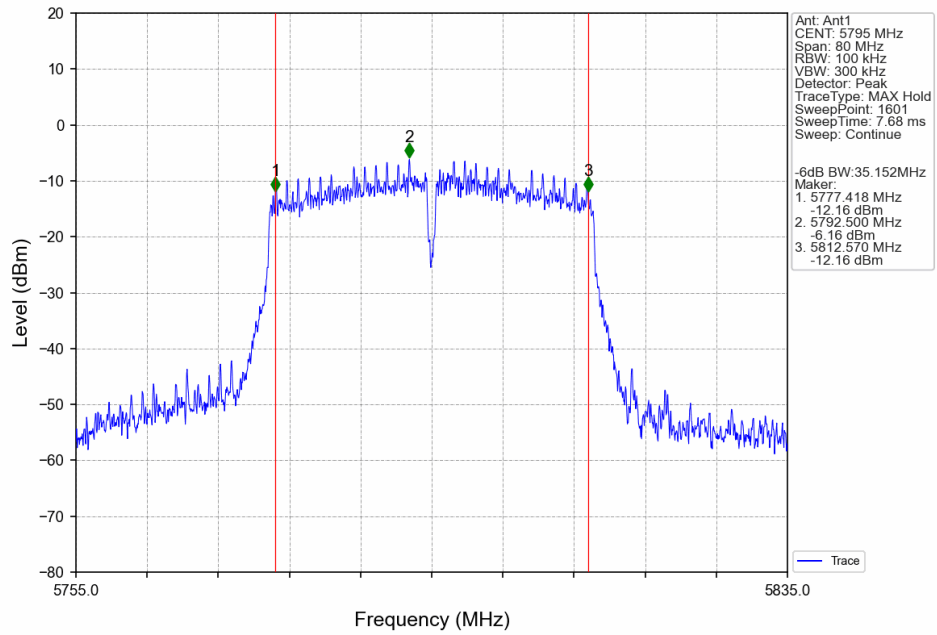
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



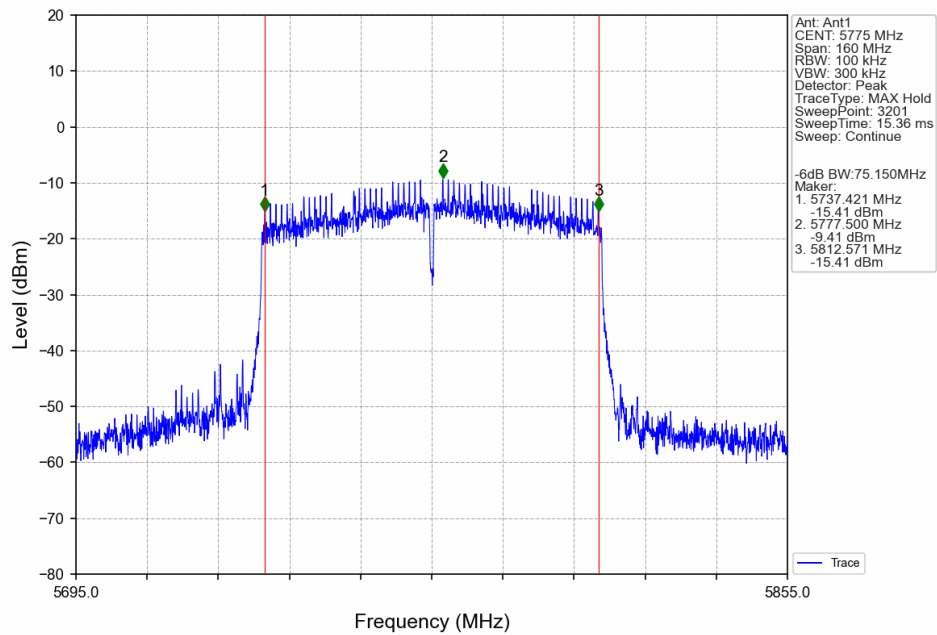
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



3. Maximum Conducted Output Power

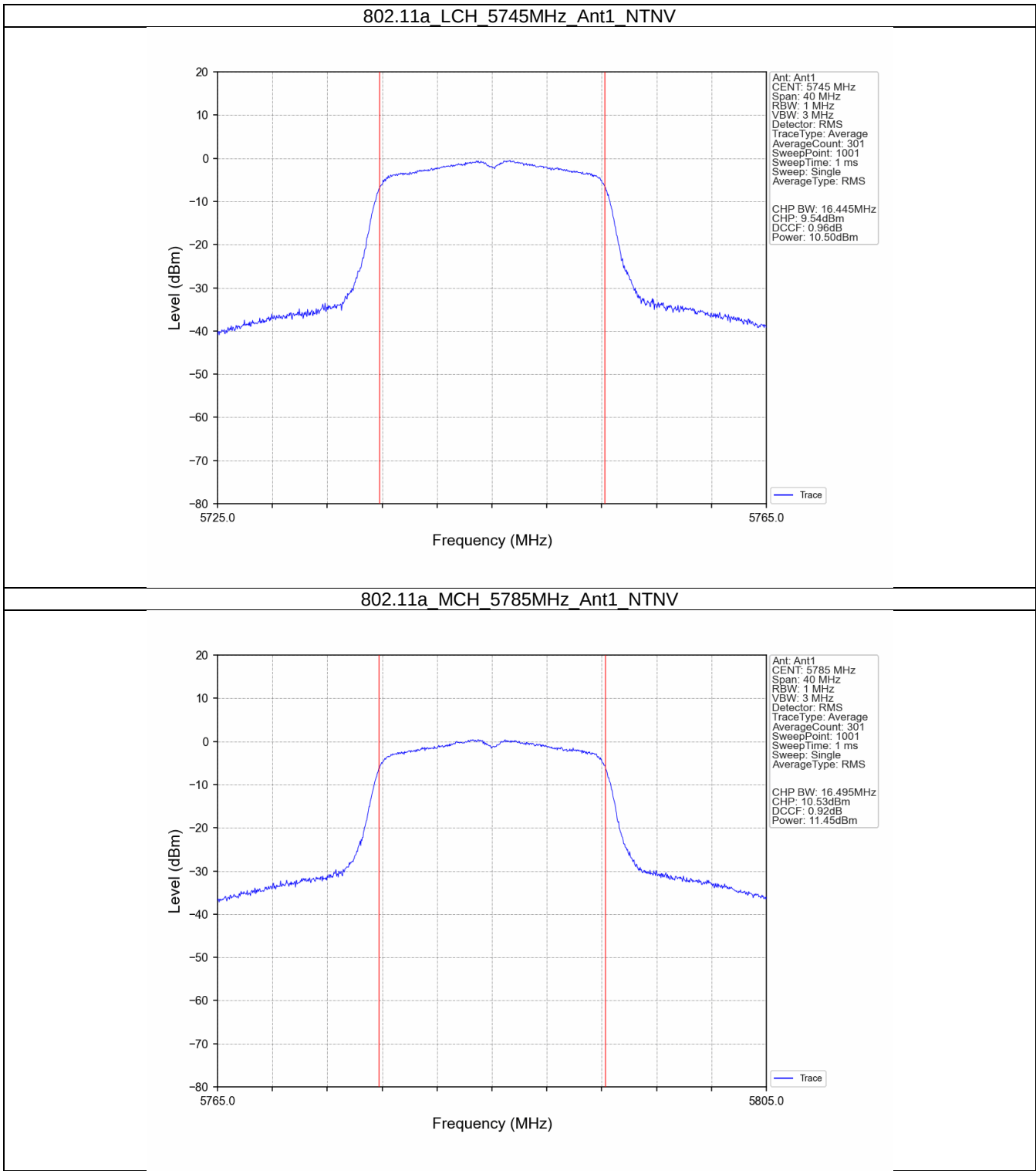
3.1 Test Result

3.1.1 Power

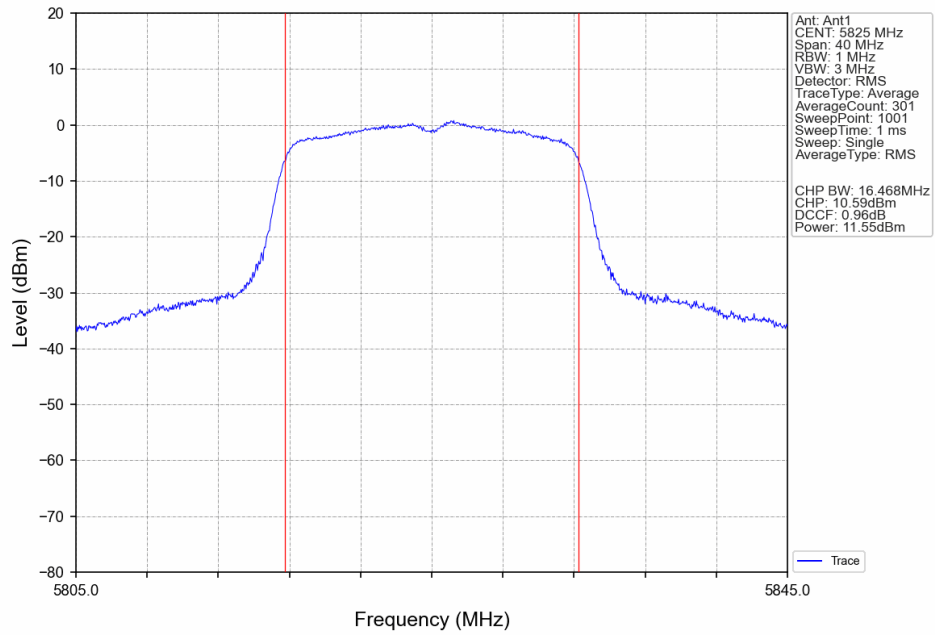
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	10.50	<=30	Pass
		5785	/	/	11.45	<=30	Pass
		5825	/	/	11.55	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	10.08	<=30	Pass
		5785	/	/	10.80	<=30	Pass
		5825	/	/	10.74	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	6.60	<=30	Pass
		5795	/	/	6.73	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	10.08	<=30	Pass
		5785	/	/	10.64	<=30	Pass
		5825	/	/	10.65	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	6.27	<=30	Pass
		5795	/	/	6.18	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	6.68	<=30	Pass

3.2 Test Graph

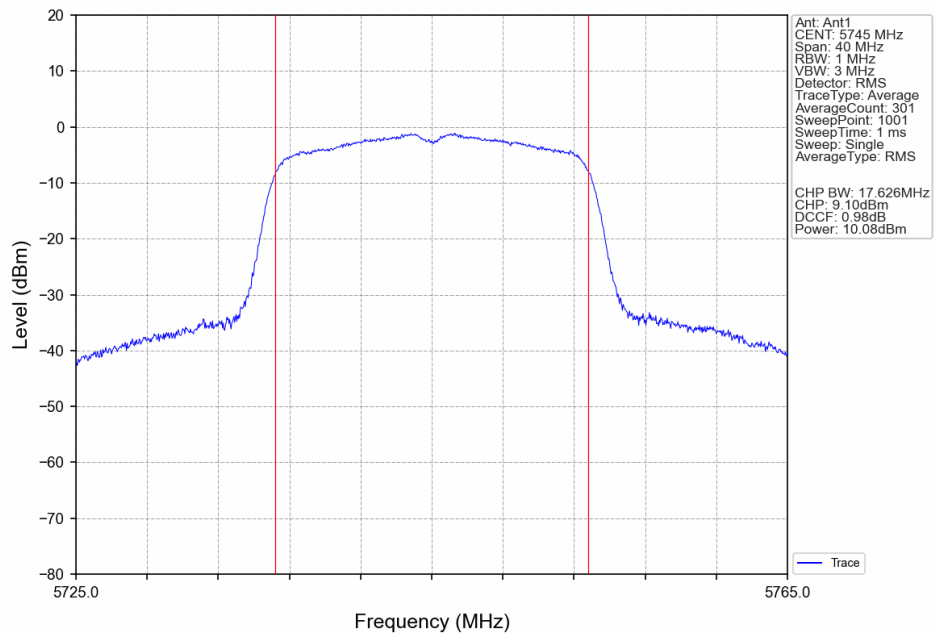
3.2.1 Power



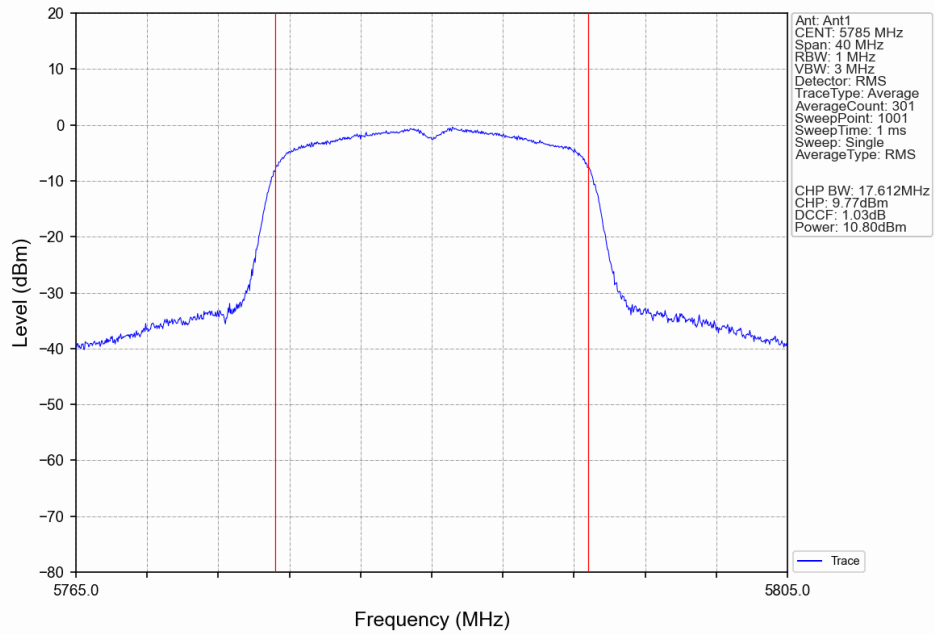
802.11a HCH 5825MHz Ant1 NTNV



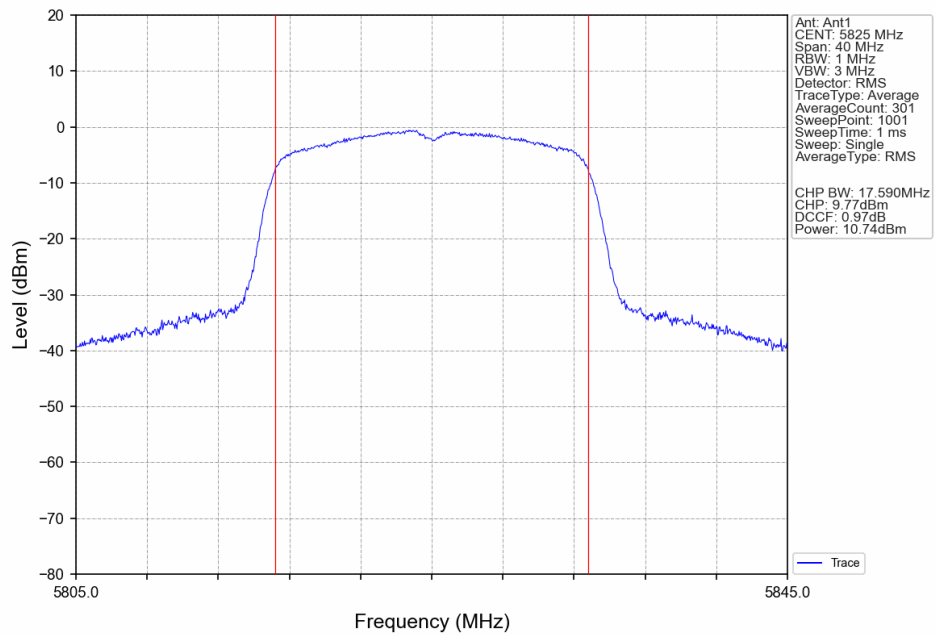
802.11n(HT20) LCH 5745MHz Ant1 NTNV



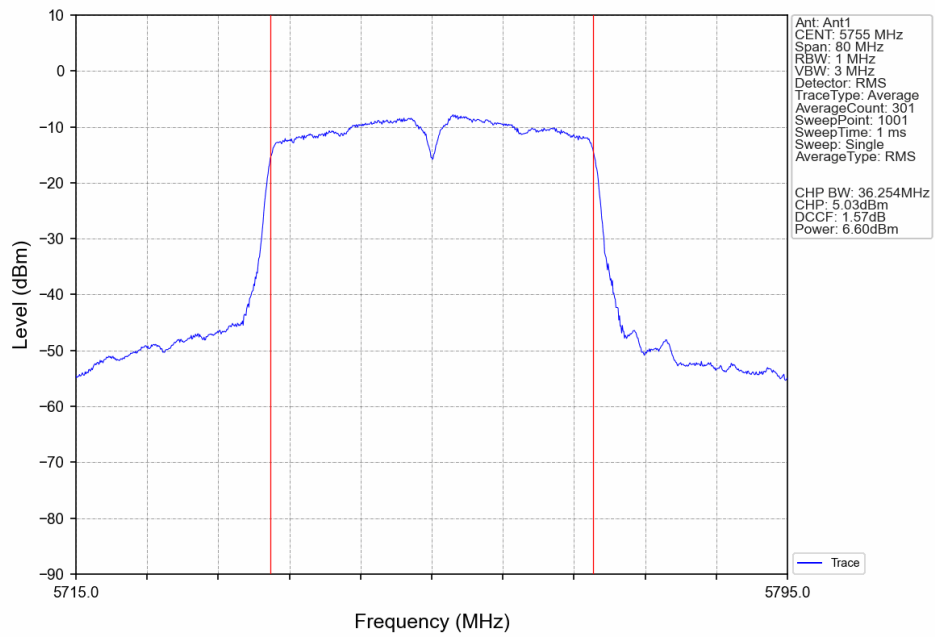
802.11n(HT20) MCH 5785MHz Ant1 NTN



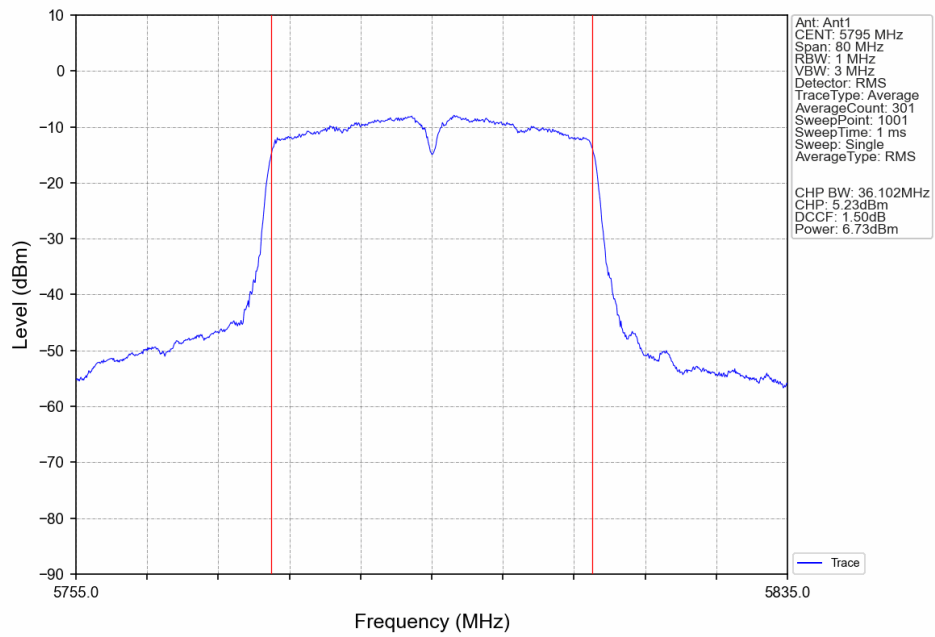
802.11n(HT20) HCH 5825MHz Ant1 NTN



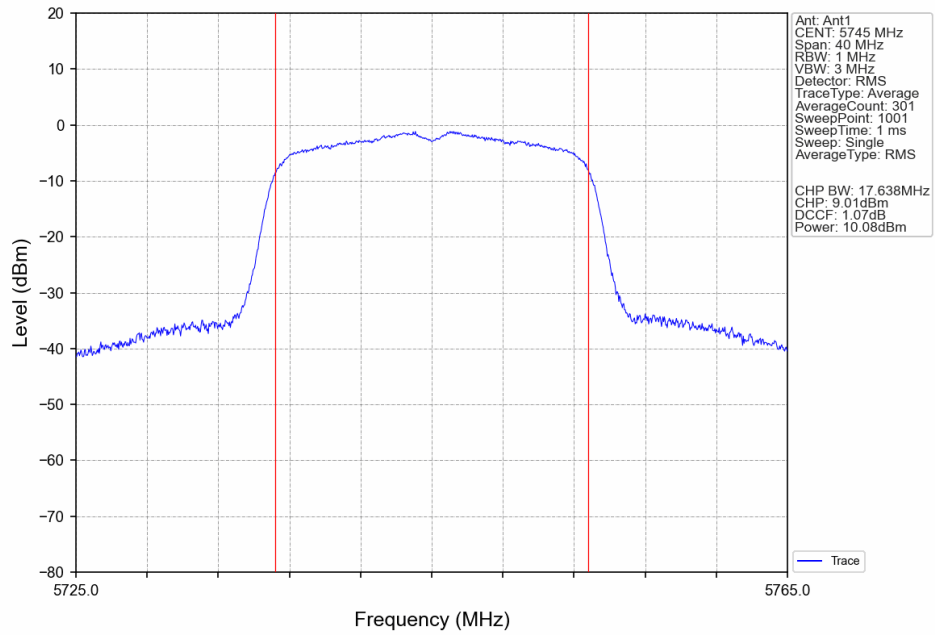
802.11n(HT40) LCH 5755MHz Ant1 NTN



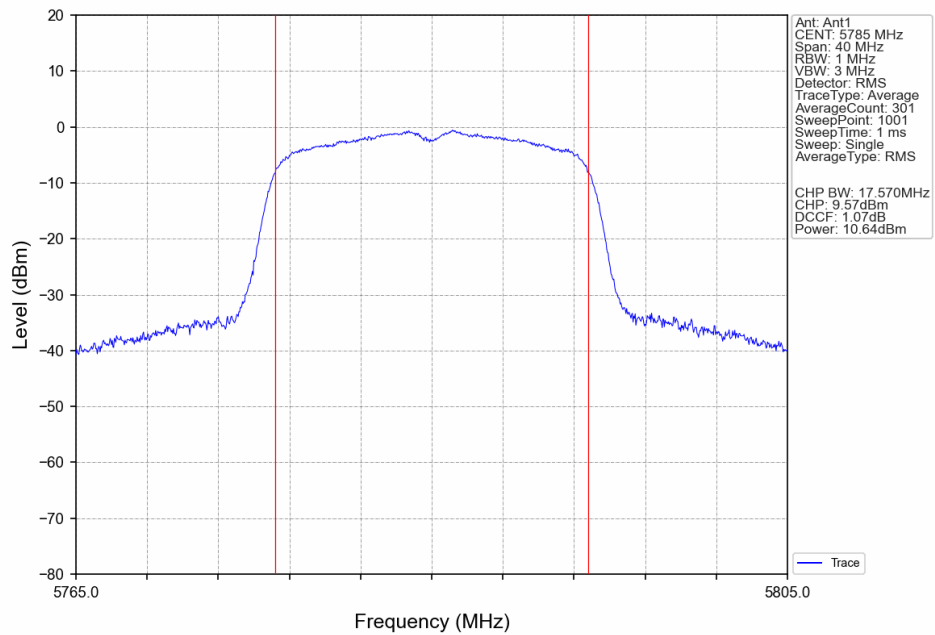
802.11n(HT40) HCH 5795MHz Ant1 NTN



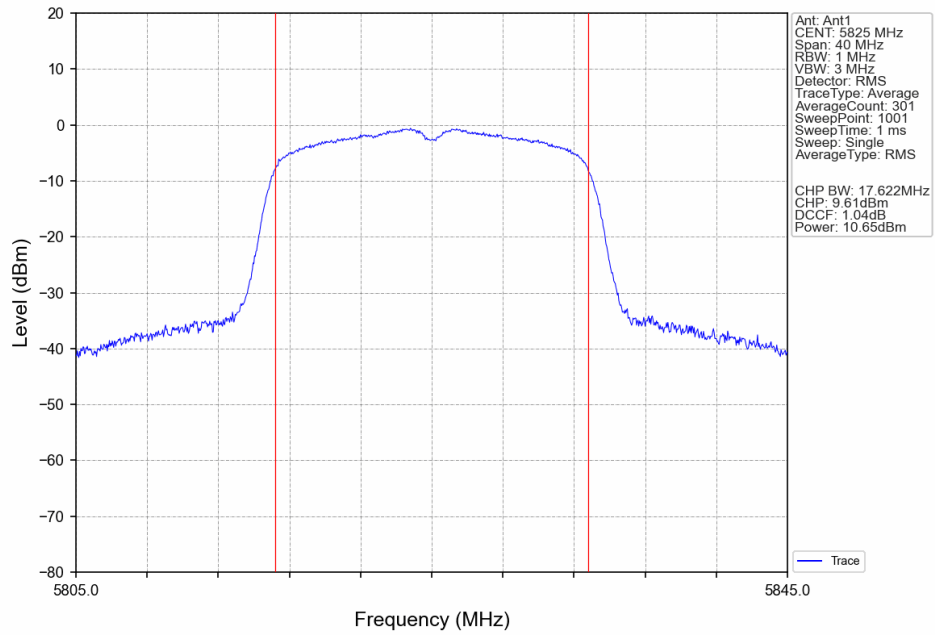
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



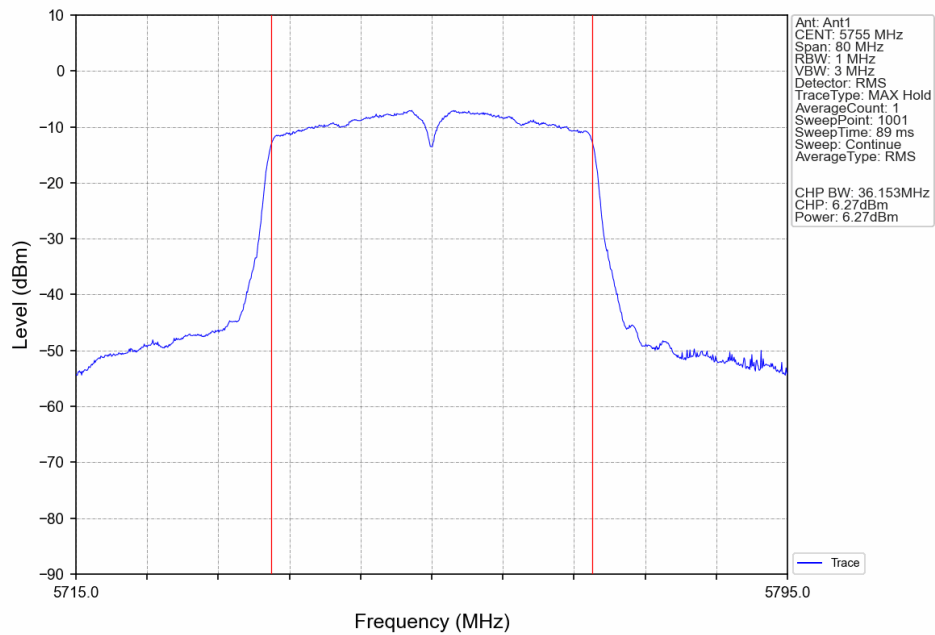
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



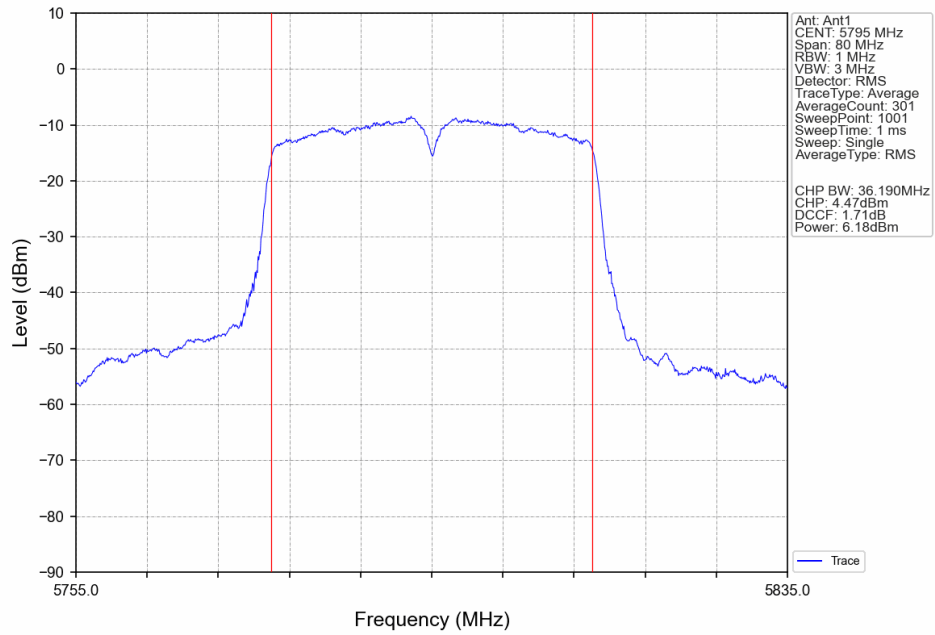
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



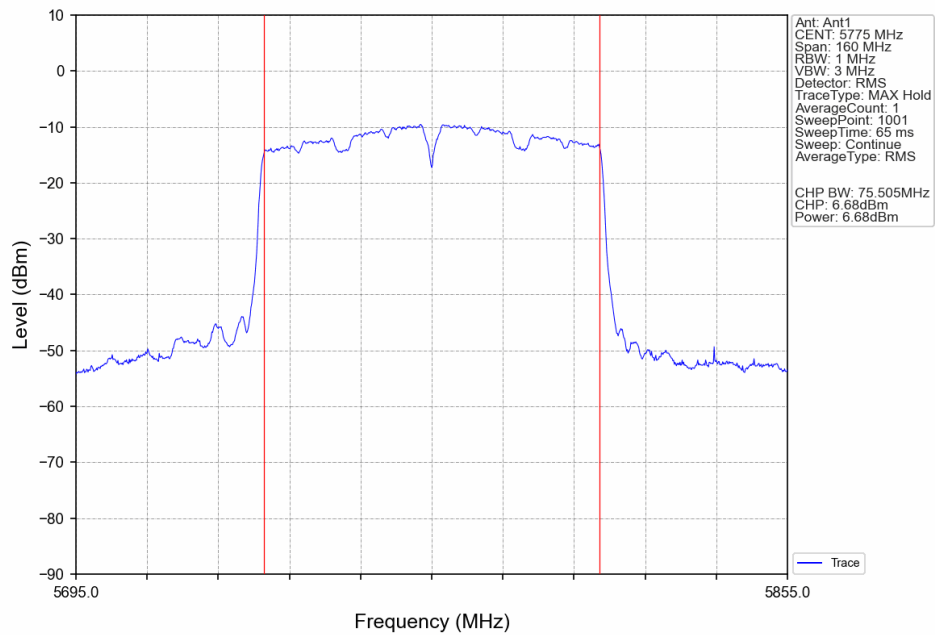
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTNV



802.11ac(VHT80) MCH 5775MHz Ant1 NTNV



4. Maximum Power Spectral Density

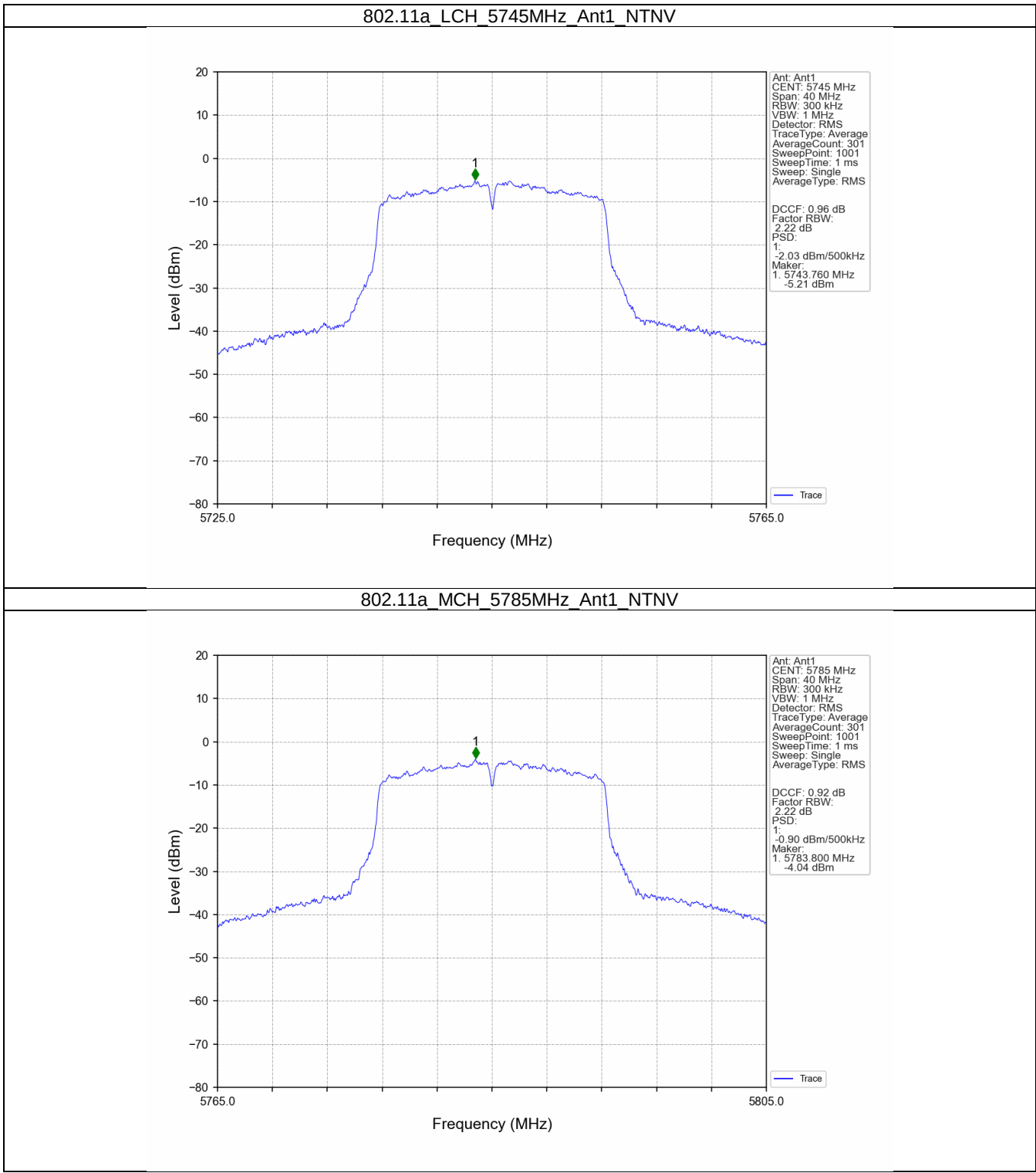
4.1 Test Result

4.1.1 PSD-Band3

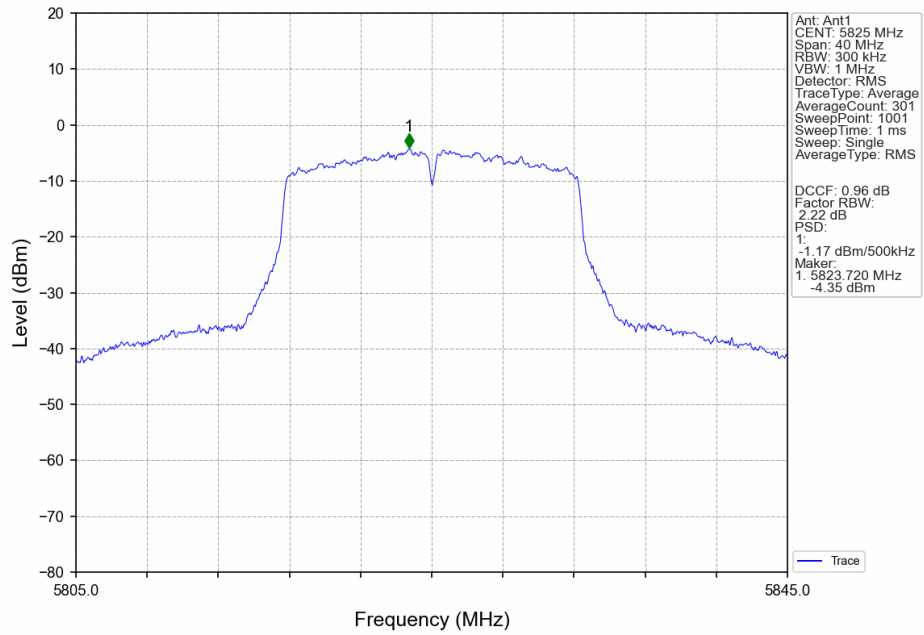
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-2.03	<=30	Pass
		5785	-0.90	<=30	Pass
		5825	-1.17	<=30	Pass
802.11n (HT20)	SISO	5745	-2.51	<=30	Pass
		5785	-1.58	<=30	Pass
		5825	-1.89	<=30	Pass
802.11n (HT40)	SISO	5755	-8.35	<=30	Pass
		5795	-8.41	<=30	Pass
802.11ac (VHT20)	SISO	5745	-2.48	<=30	Pass
		5785	-2.11	<=30	Pass
		5825	-1.79	<=30	Pass
802.11ac (VHT40)	SISO	5755	-8.38	<=30	Pass
		5795	-8.71	<=30	Pass
802.11ac (VHT80)	SISO	5775	-10.45	<=30	Pass

4.2 Test Graph

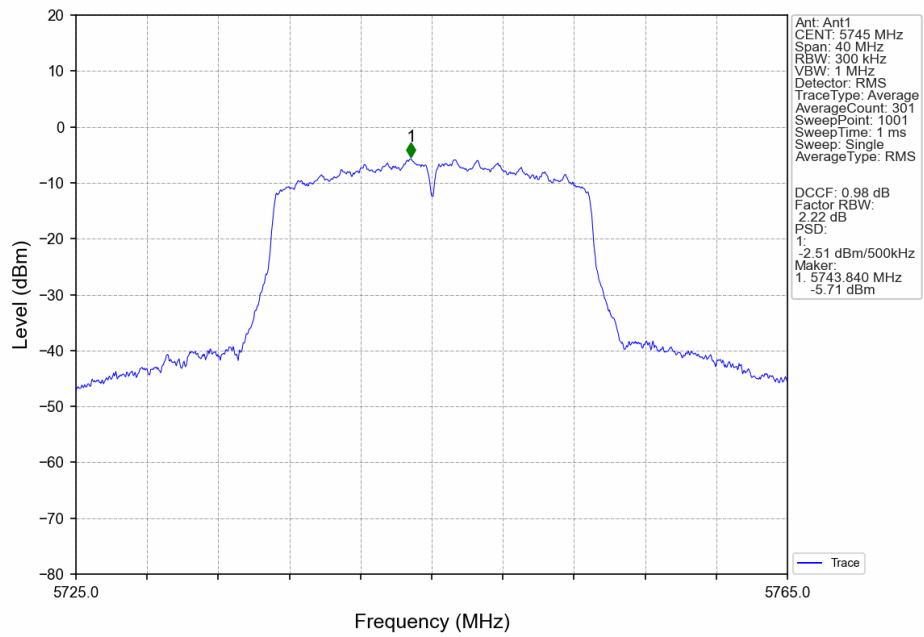
4.2.1 PSD-Band3



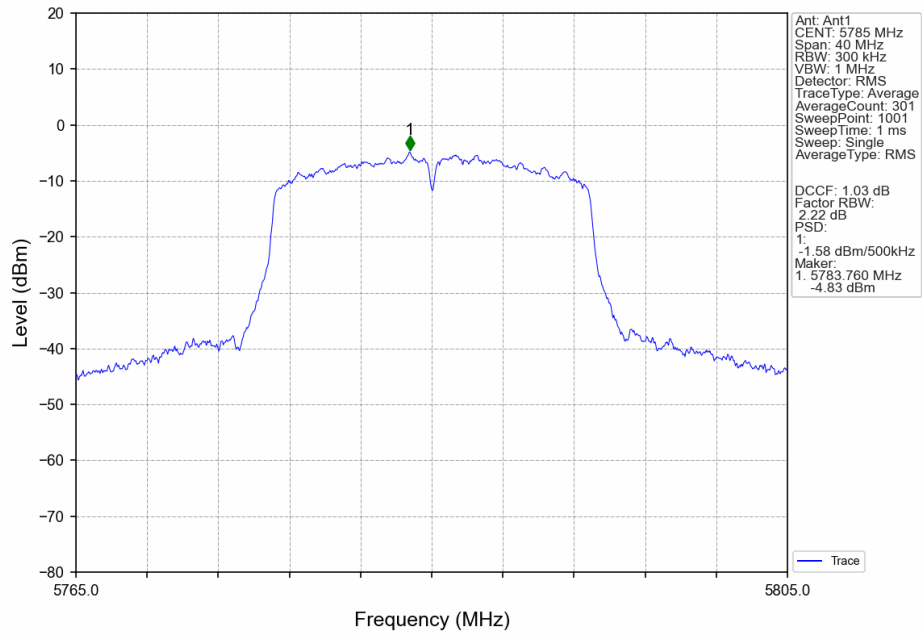
802.11a HCH 5825MHz Ant1 NTNV



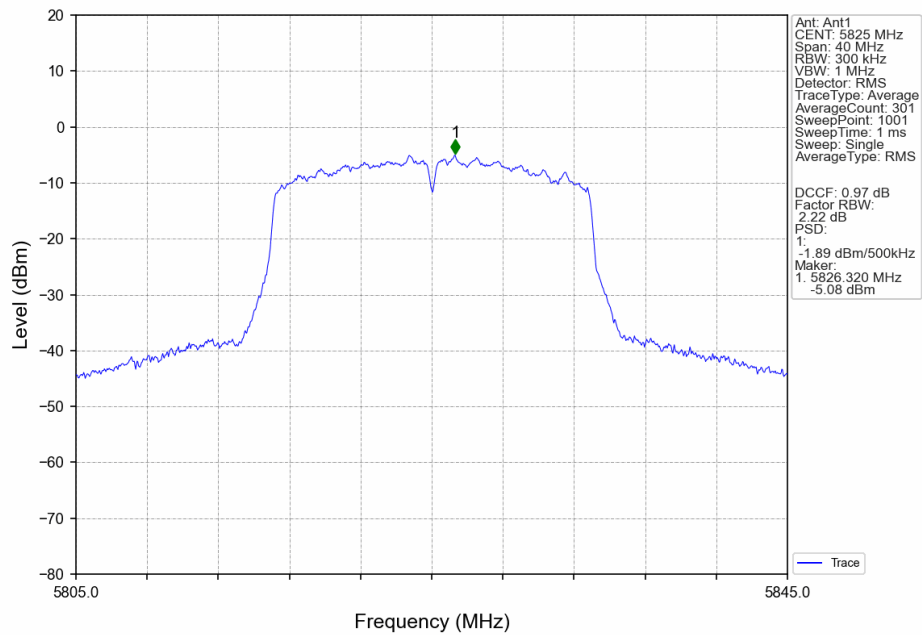
802.11n(HT20) LCH 5745MHz Ant1 NTNV



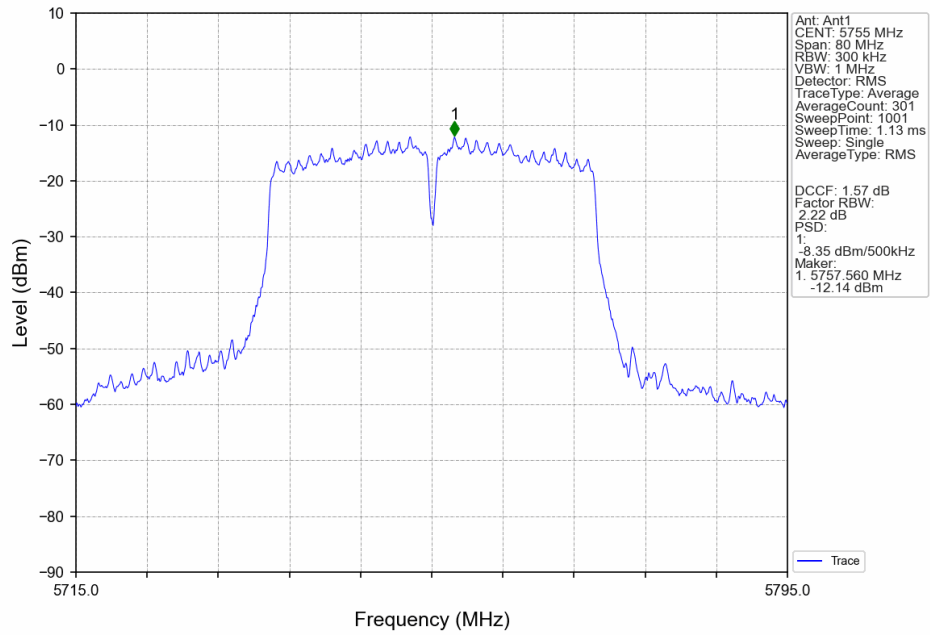
802.11n(HT20) MCH 5785MHz Ant1 NTNV



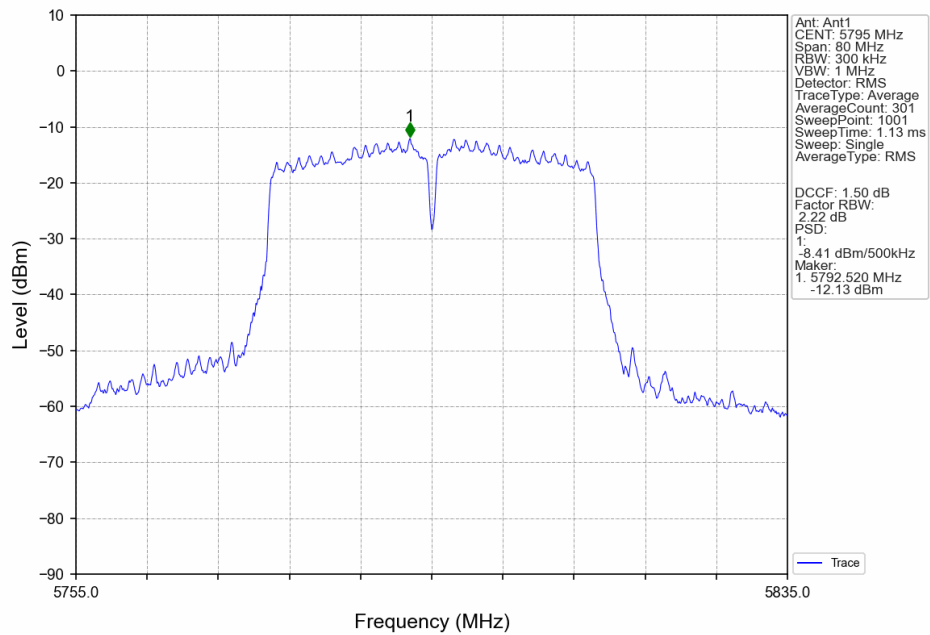
802.11n(HT20) HCH 5825MHz Ant1 NTNV



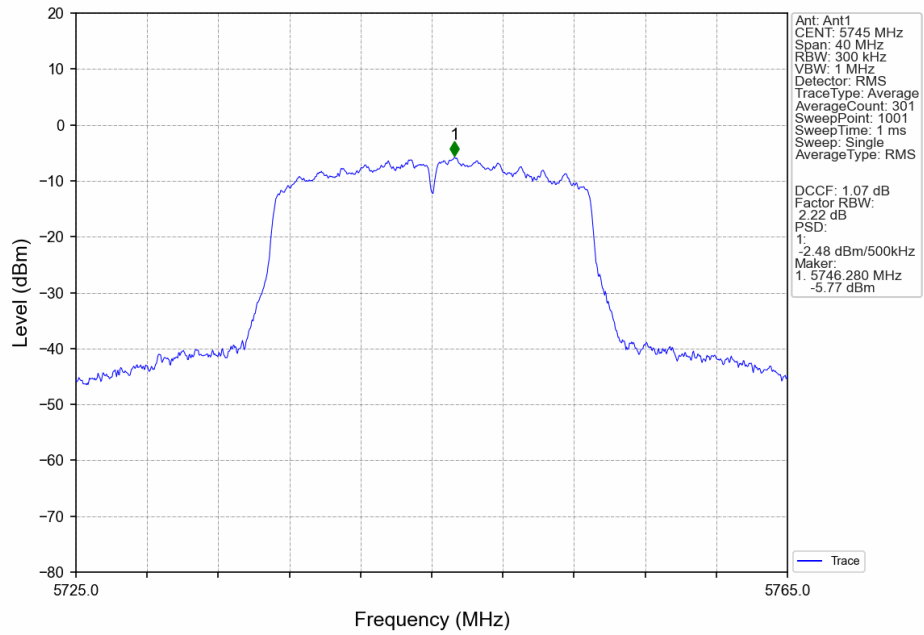
802.11n(HT40) LCH 5755MHz Ant1 NTN



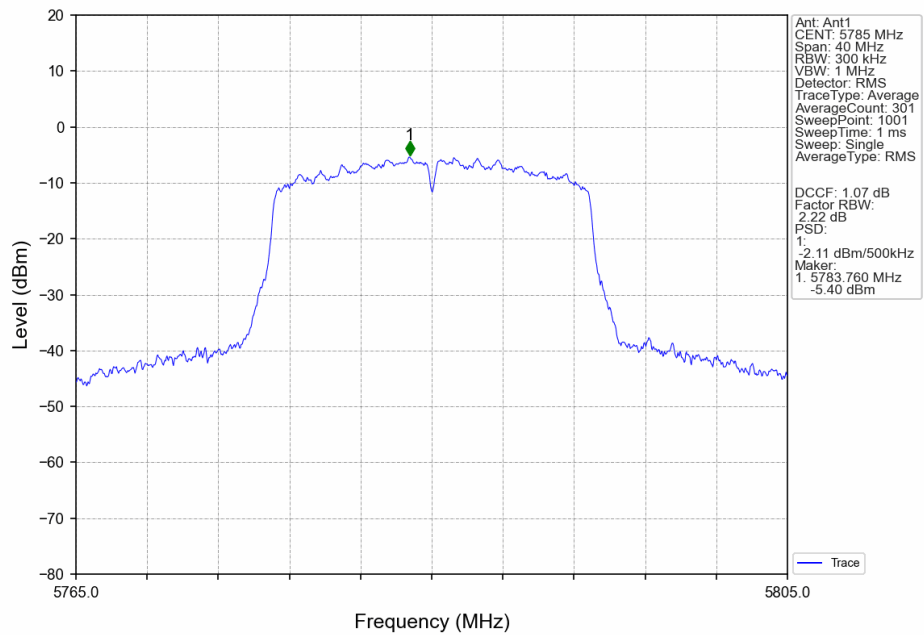
802.11n(HT40) HCH 5795MHz Ant1 NTN



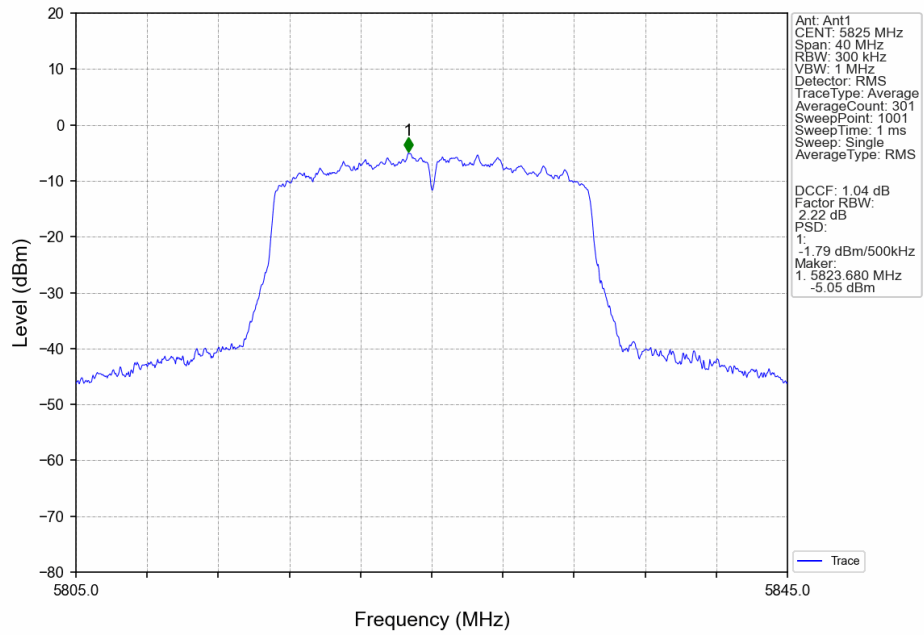
802.11ac(VHT20) LCH 5745MHz Ant1 NTNV



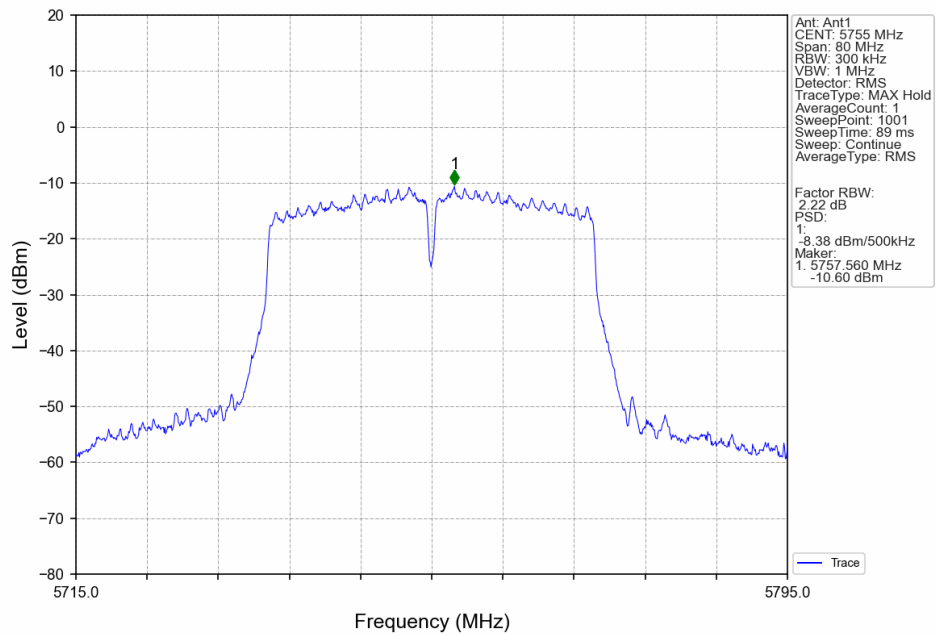
802.11ac(VHT20) MCH 5785MHz Ant1 NTNV



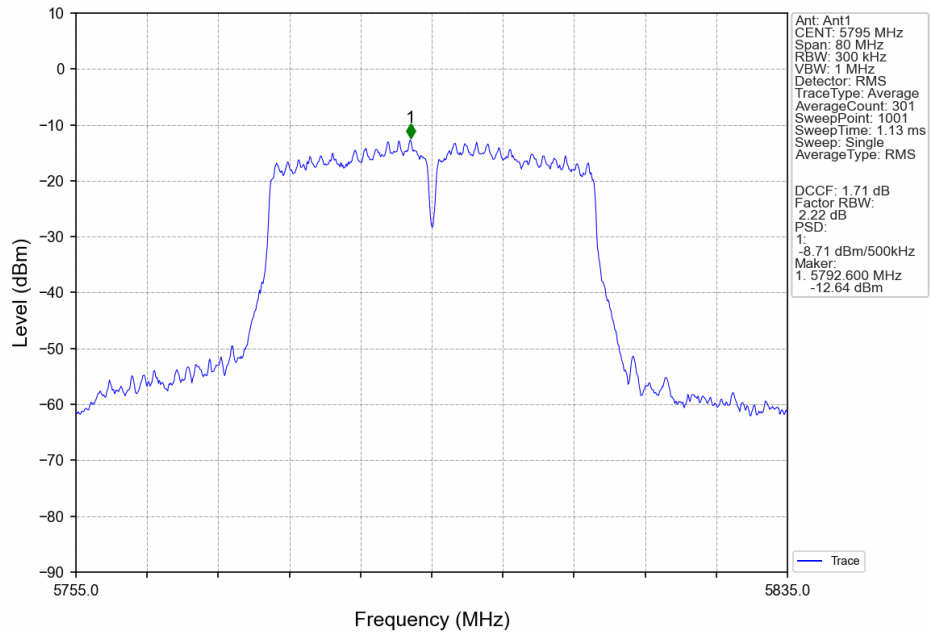
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



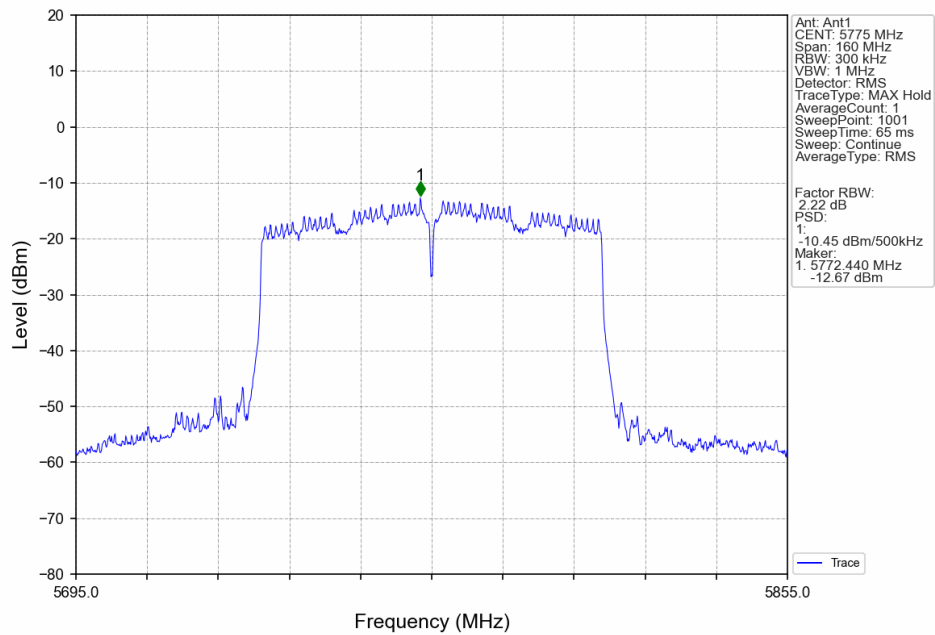
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTNV



802.11ac(VHT80) MCH 5775MHz Ant1 NTNV



6. Band Edge

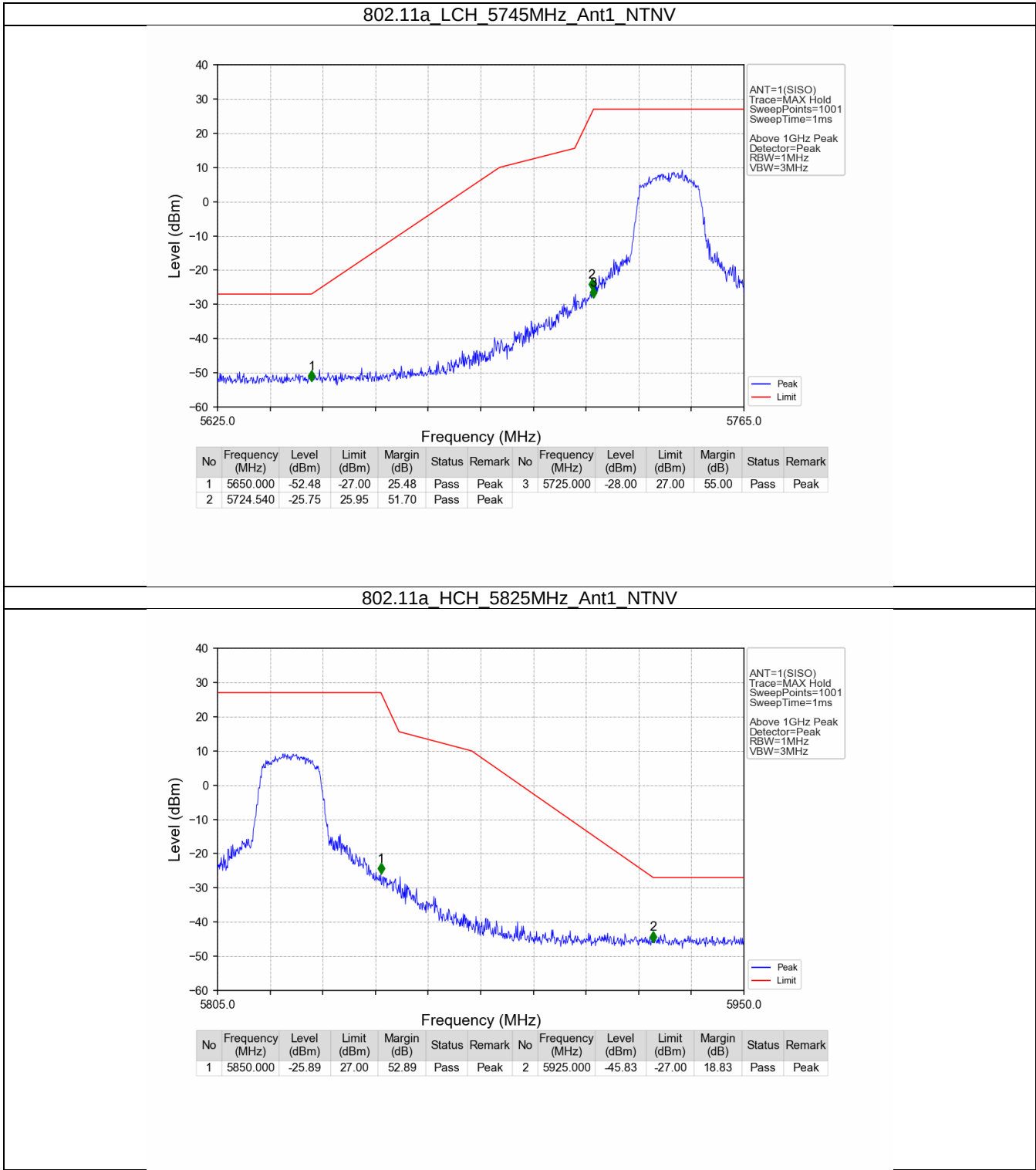
6.1 Test Result

6.1.1 BandEdge

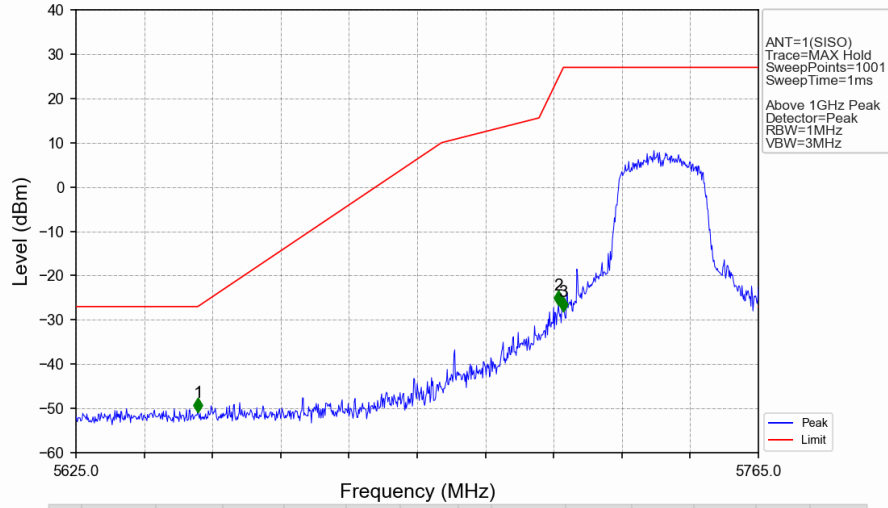
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11ac (VHT40)	SISO	5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass
802.11ac (VHT80)	SISO	5775	1	Refer To Test Graph		Pass

6.2 Test Graph

6.2.1 BandEdge

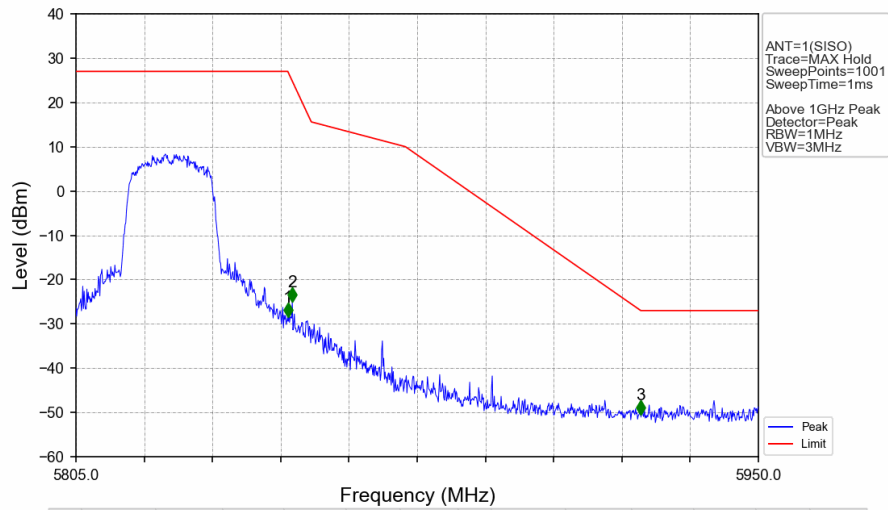


802.11n(HT20) LCH 5745MHz Ant1 NTN



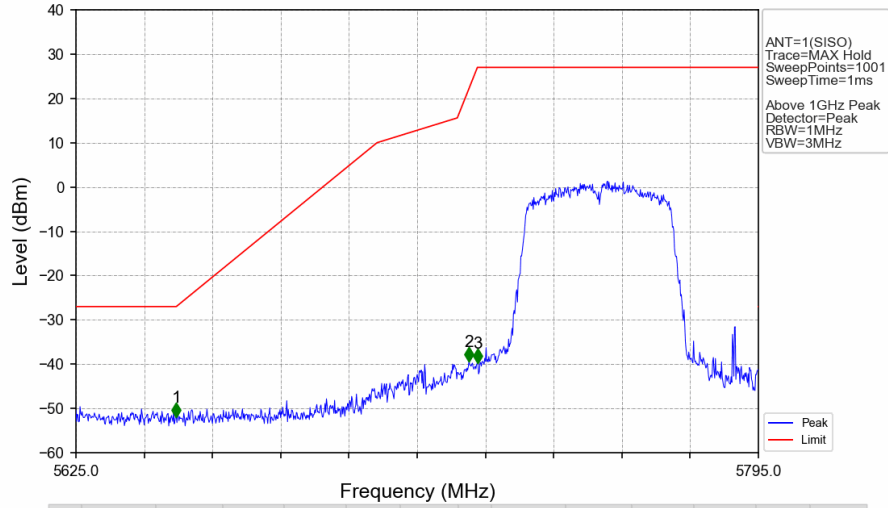
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-50.88	-27.00	23.88	Pass	Peak	3	5725.000	-28.09	27.00	55.09	Pass	Peak
2	5723.980	-26.57	24.67	51.24	Pass	Peak							

802.11n(HT20) HCH 5825MHz Ant1 NTN



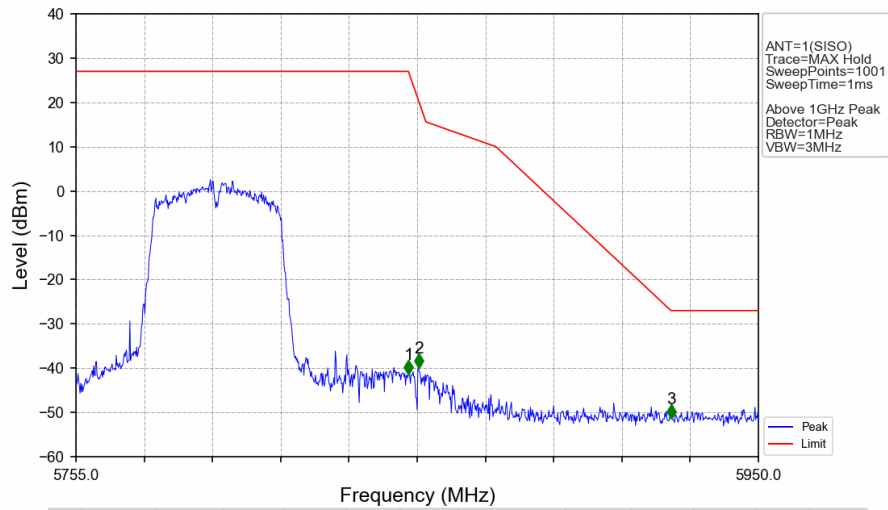
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-28.36	27.00	55.36	Pass	Peak	3	5925.000	-50.53	-27.00	23.53	Pass	Peak
2	5850.965	-24.98	24.80	49.78	Pass	Peak							

802.11n(HT40) LCH 5755MHz Ant1 NTN



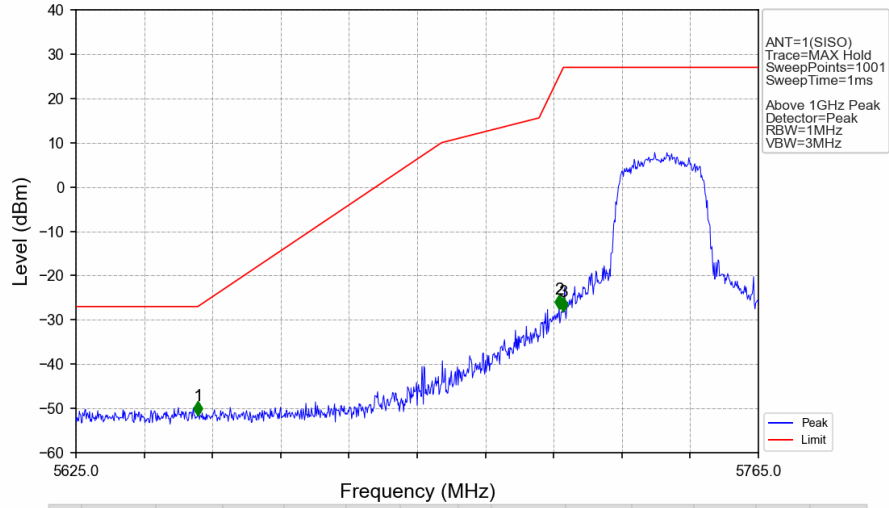
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-51.87	-27.00	24.87	Pass	Peak	3	5725.000	-39.76	27.00	66.76	Pass	Peak
2	5722.920	-39.32	22.26	61.58	Pass	Peak							

802.11n(HT40) HCH 5795MHz Ant1 NTN



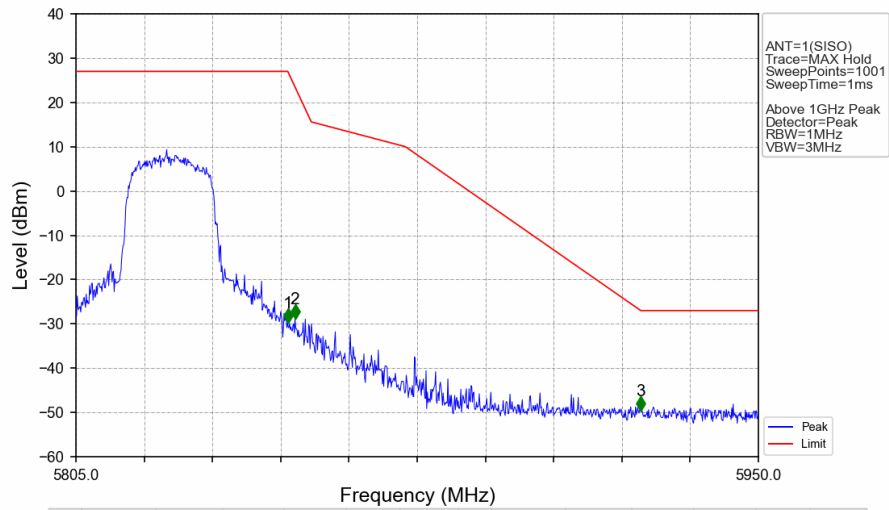
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5855.000	-41.35	27.00	68.35	Pass	Peak	3	5925.000	-51.31	-27.00	24.31	Pass	Peak
2	5852.890	-39.83	20.41	60.24	Pass	Peak							

802.11ac(VHT20) LCH 5745MHz Ant1 NTNV



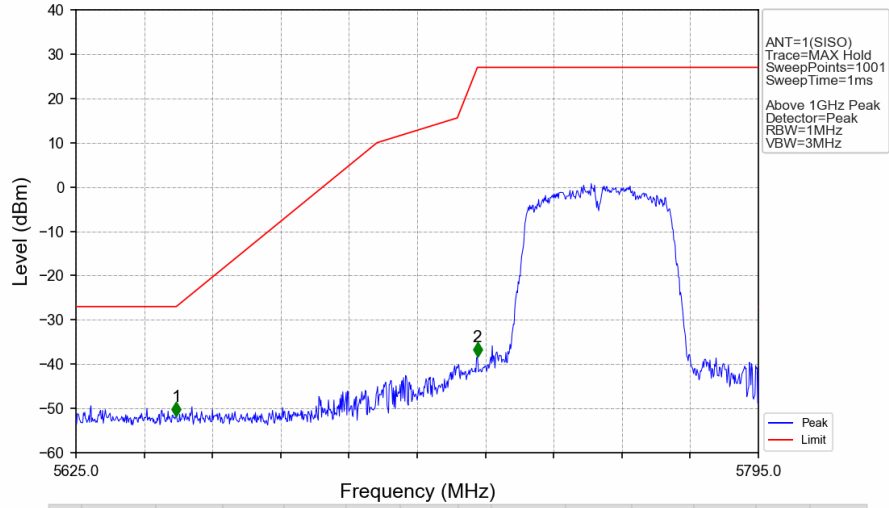
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-51.61	-27.00	24.61	Pass	Peak	3	5725.000	-28.06	27.00	55.06	Pass	Peak
2	5724.120	-27.53	24.99	52.52	Pass	Peak							

802.11ac(VHT20) HCH 5825MHz Ant1 NTNV

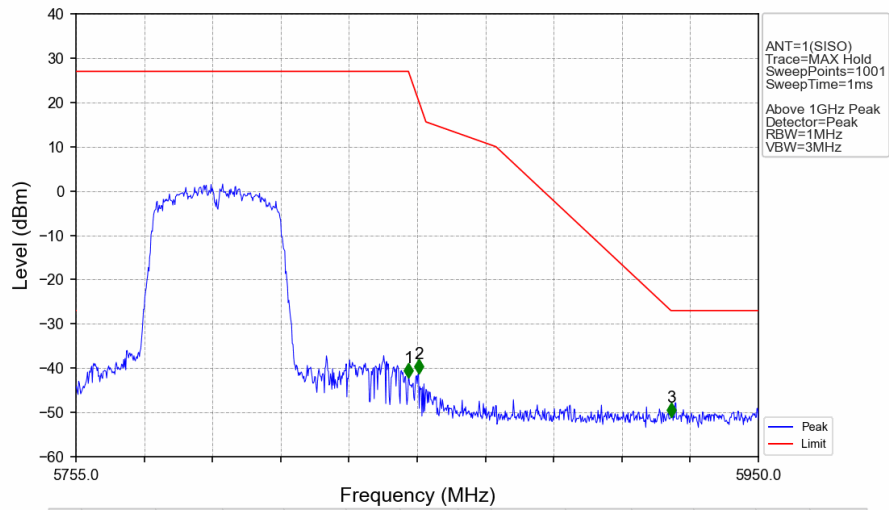


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-29.69	27.00	56.69	Pass	Peak	3	5925.000	-49.53	-27.00	22.53	Pass	Peak
2	5851.545	-28.77	23.48	52.25	Pass	Peak							

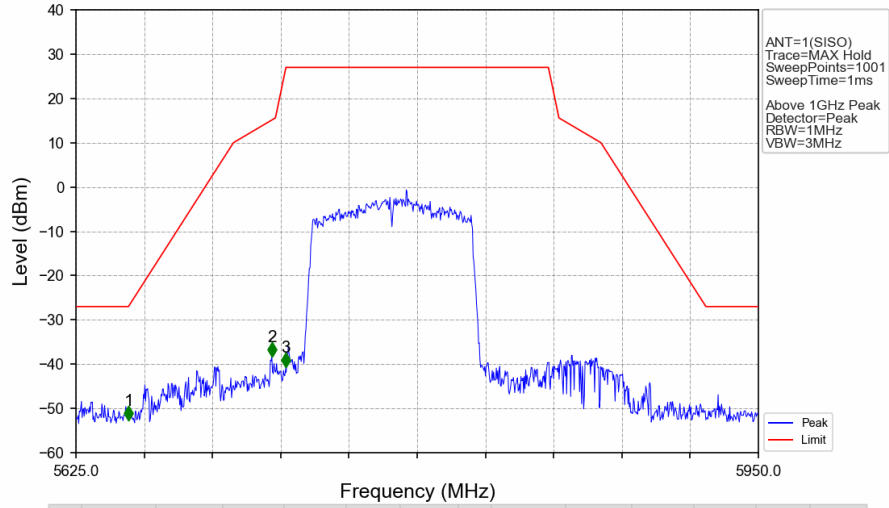
802.11ac(VHT40) LCH 5755MHz Ant1 NTNV



802.11ac(VHT40) HCH 5795MHz Ant1 NTNV



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN

