

ANNEX 1 TEST DATA

FCC ID: 2BYBO-DD-002

Applicant: DOLPHIN INNOVATIVE SOLUTIONS INC. (Dolphin Digital OOH Media)

Address: 2520 Marsh Ln, Carrollton, TX 75006, USA

Manufacturer: SHENZHEN AMEDIA TECHNOLOGY CO., LTD

Address: Room 201, Building 2, Stech Park, Gaofeng community, Dalang Street, Longhua District, Shenzhen, China

Product Name: Dolphin Smart Media Player

Trade Mark: Dolphin

Model Number: DD-002

Date of Receipt: Aug. 20, 2026

Test Date: Aug. 20, 2026 –Aug. 31, 2026

Date of Report: Aug. 31, 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+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024

Test Result: Pass

Report Number: DLE-260820040R

1. Duty Cycle

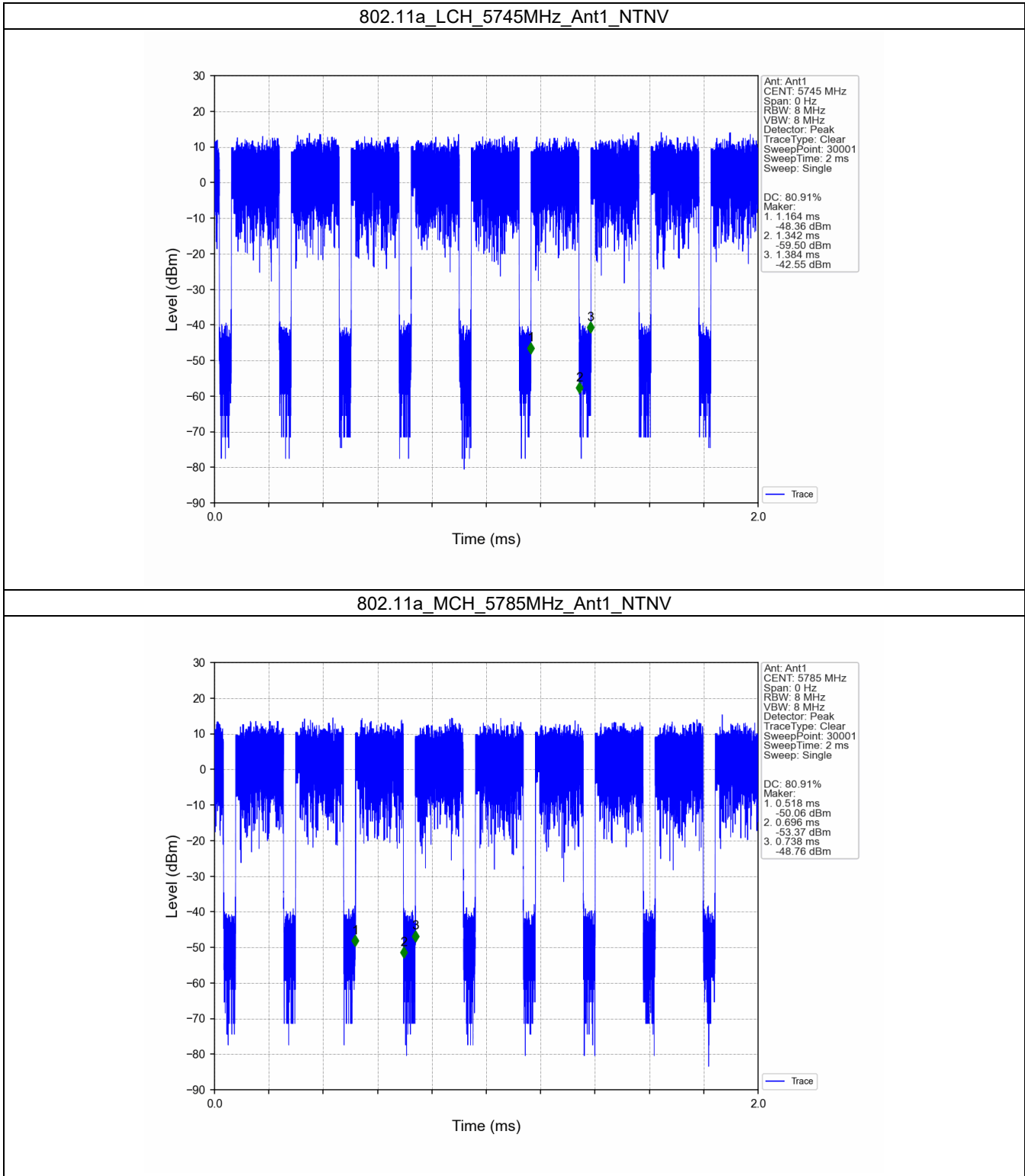
1.1 Test Result

1.1.1 Ant1

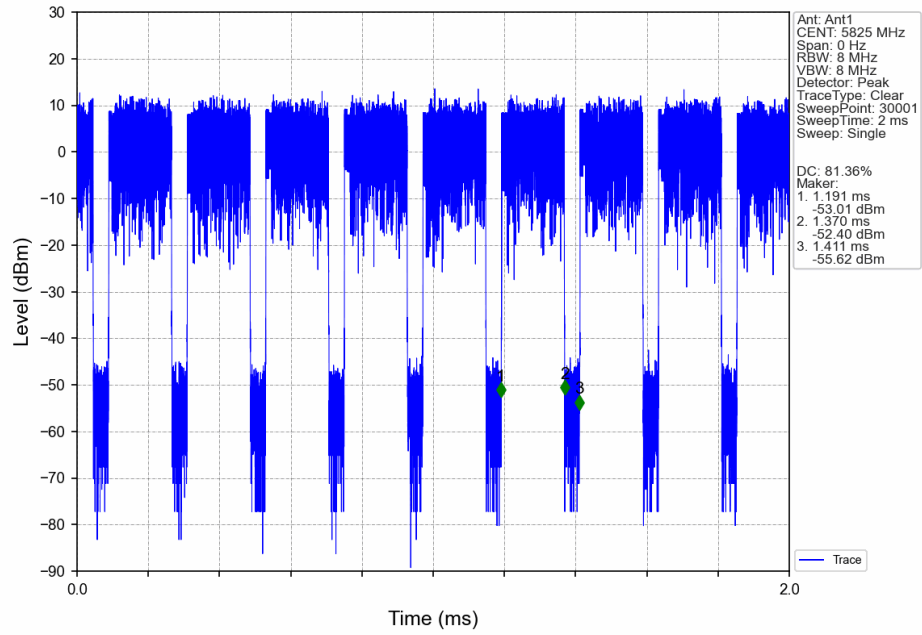
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	0.178	0.220	80.91	0.92	0.13
		5785	0.178	0.220	80.91	0.92	0.17
		5825	0.179	0.220	81.36	0.90	0.10
802.11n (HT20)	SISO	5745	0.165	0.209	78.95	1.03	0.11
		5785	0.164	0.208	78.85	1.03	0.11
		5825	0.165	0.209	78.95	1.03	0.15
802.11n (HT40)	SISO	5755	0.101	0.144	70.14	1.54	0.06
		5795	0.102	0.144	70.83	1.50	0.16

1.2 Test Graph

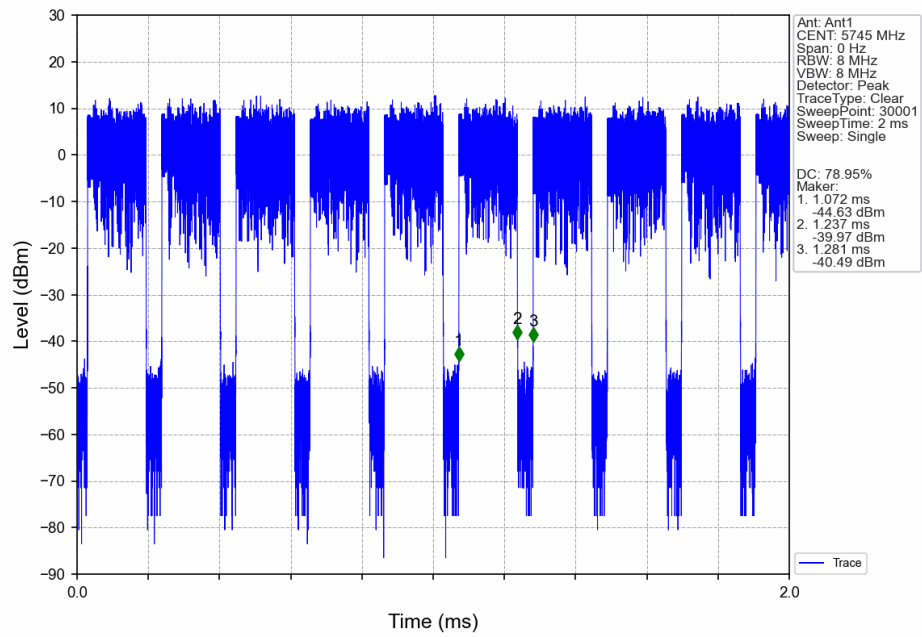
1.2.1 Ant1



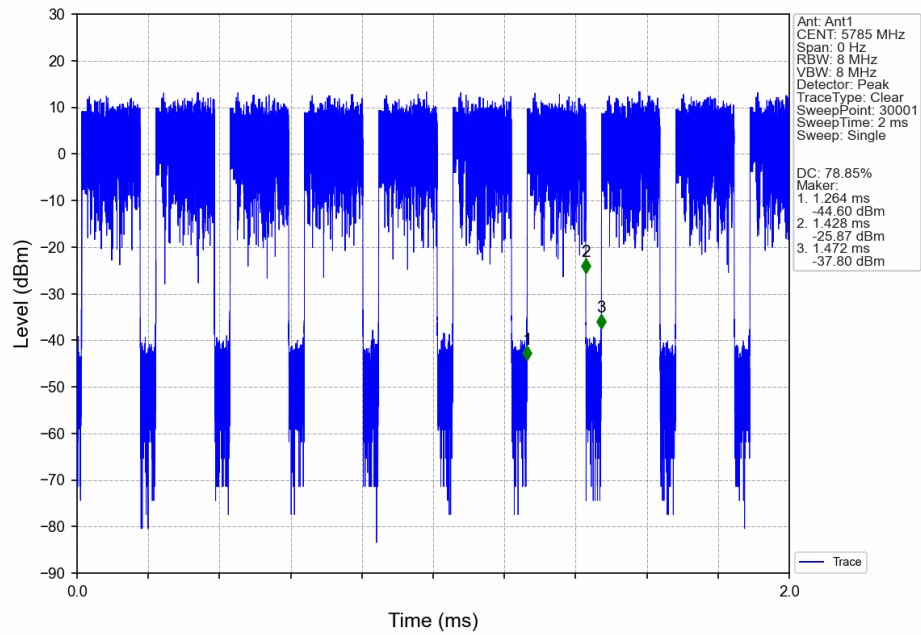
802.11a_HCH_5825MHz_Ant1_NTNV



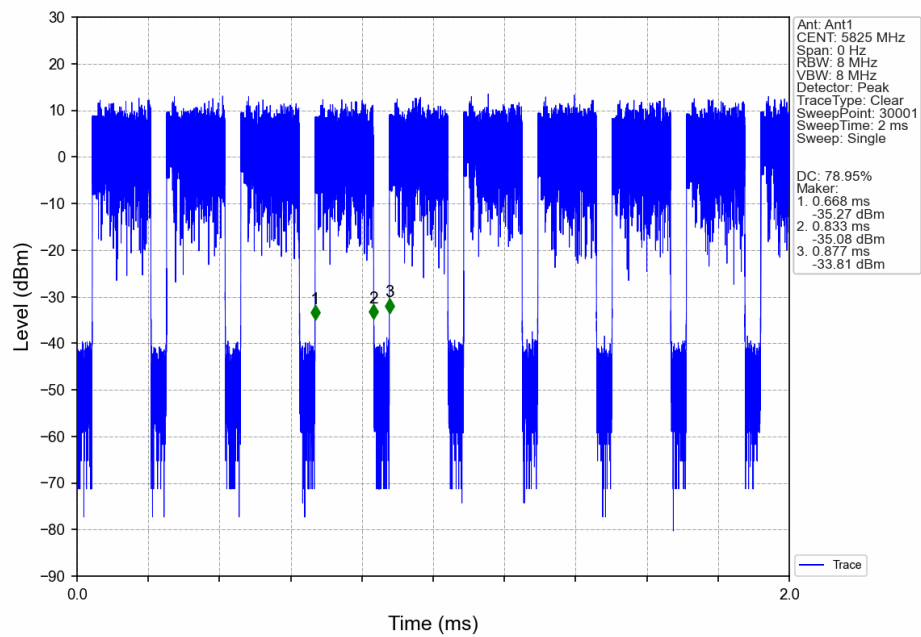
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



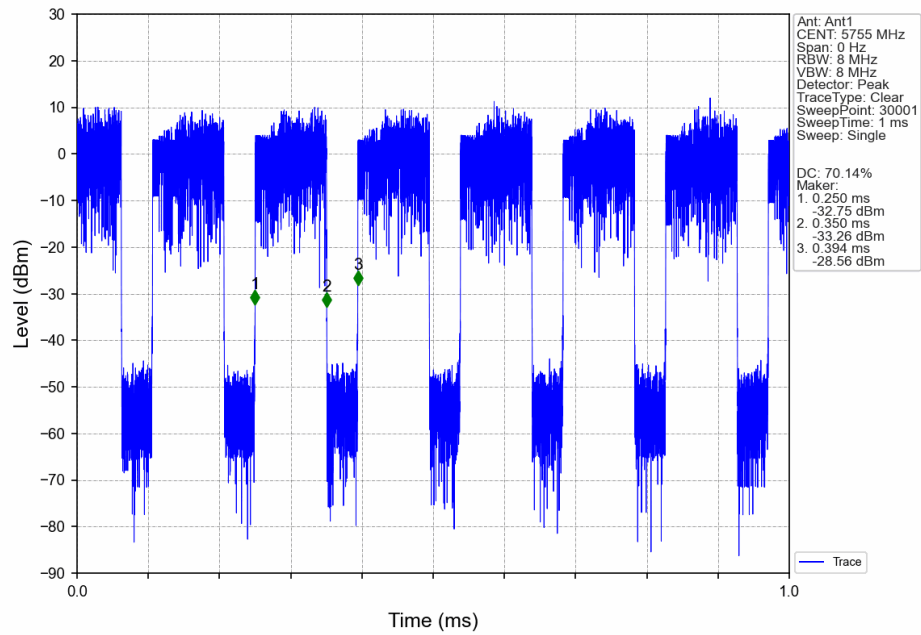
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



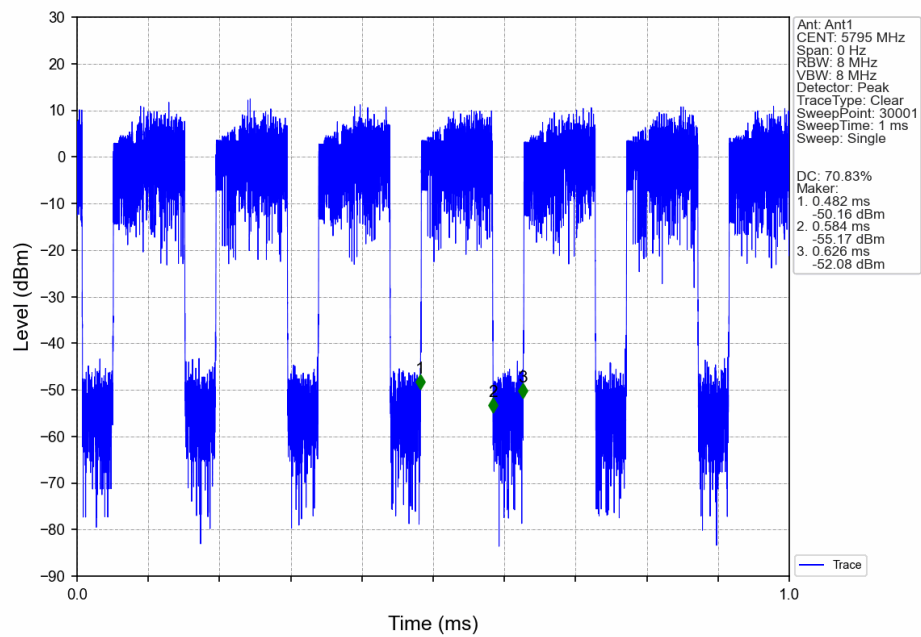
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

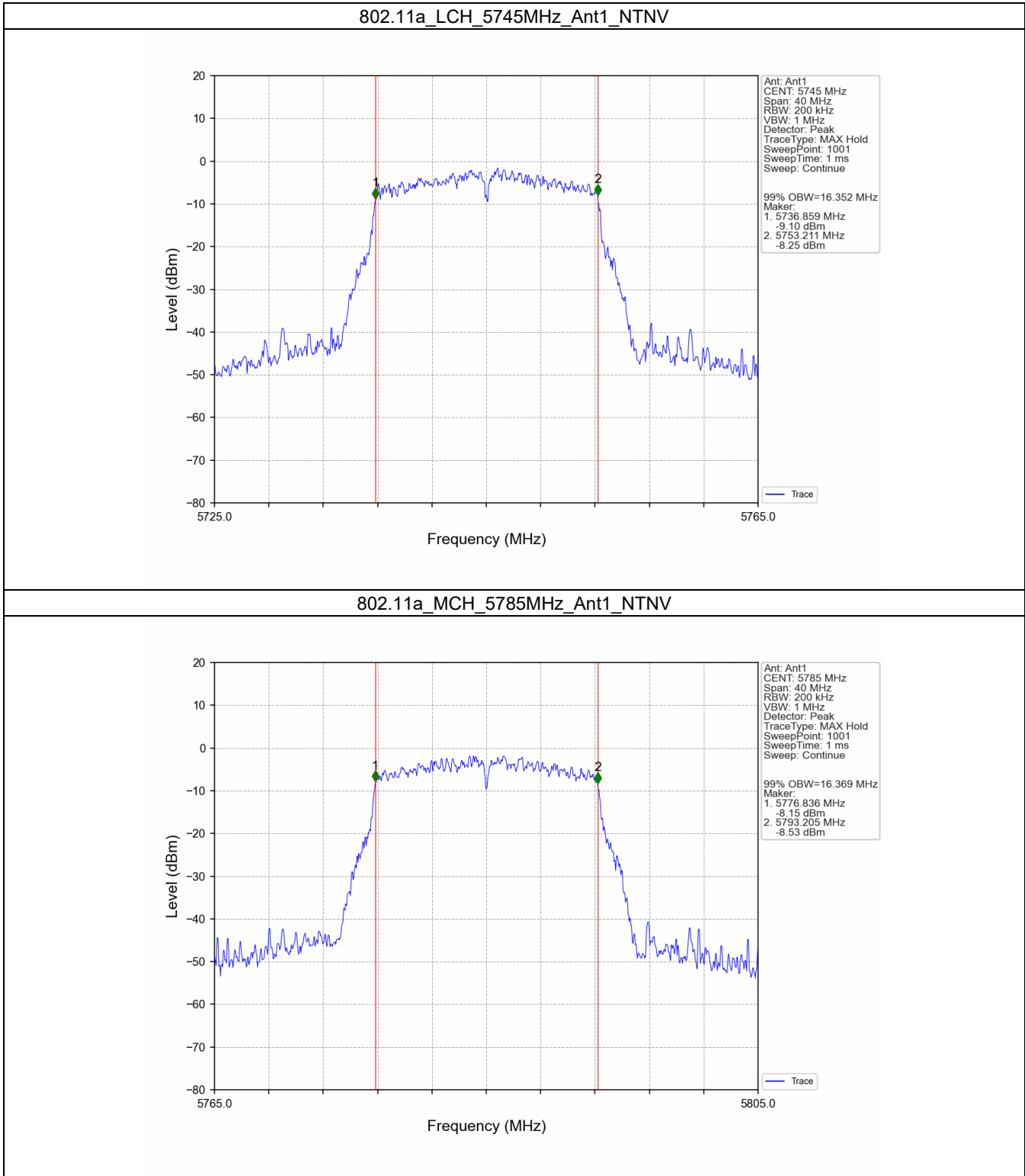
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.352	/	Pass
		5785	1	16.369	/	Pass
		5825	1	16.396	/	Pass
802.11n (HT20)	SISO	5745	1	17.555	/	Pass
		5785	1	17.560	/	Pass
		5825	1	17.548	/	Pass
802.11n (HT40)	SISO	5755	1	36.134	/	Pass
		5795	1	36.075	/	Pass

2.1.2 6dB BW

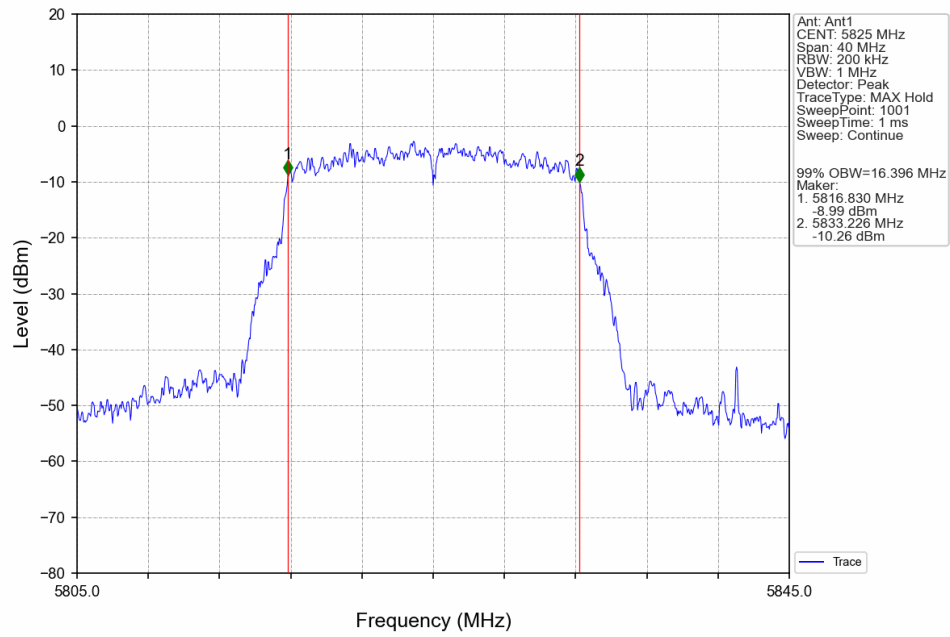
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	15.141	≥ 0.5	Pass
		5785	1	15.153	≥ 0.5	Pass
		5825	1	15.406	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	15.181	≥ 0.5	Pass
		5785	1	15.927	≥ 0.5	Pass
		5825	1	15.729	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.148	≥ 0.5	Pass
		5795	1	35.151	≥ 0.5	Pass

2.2 Test Graph

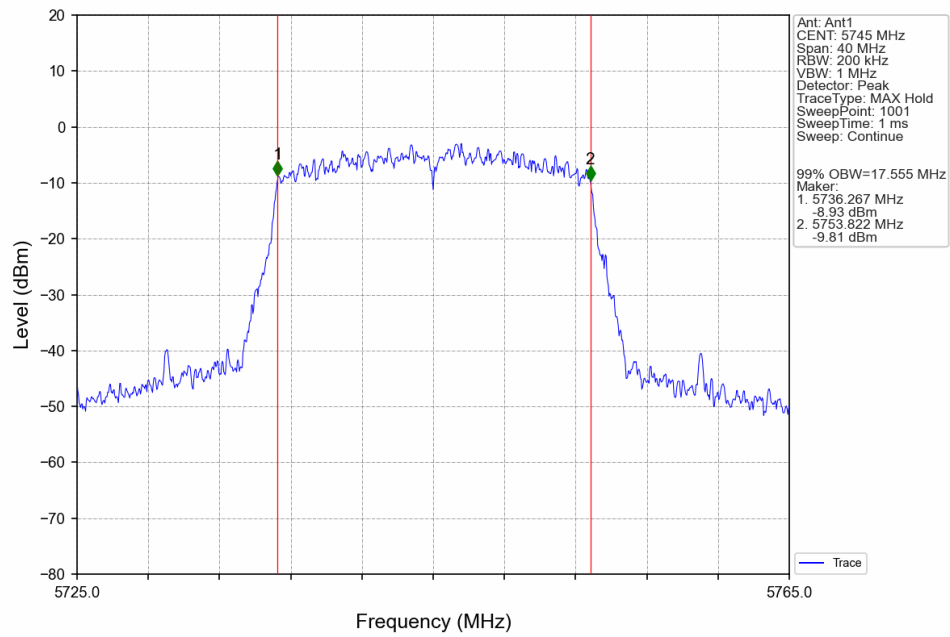
2.2.1 OBW



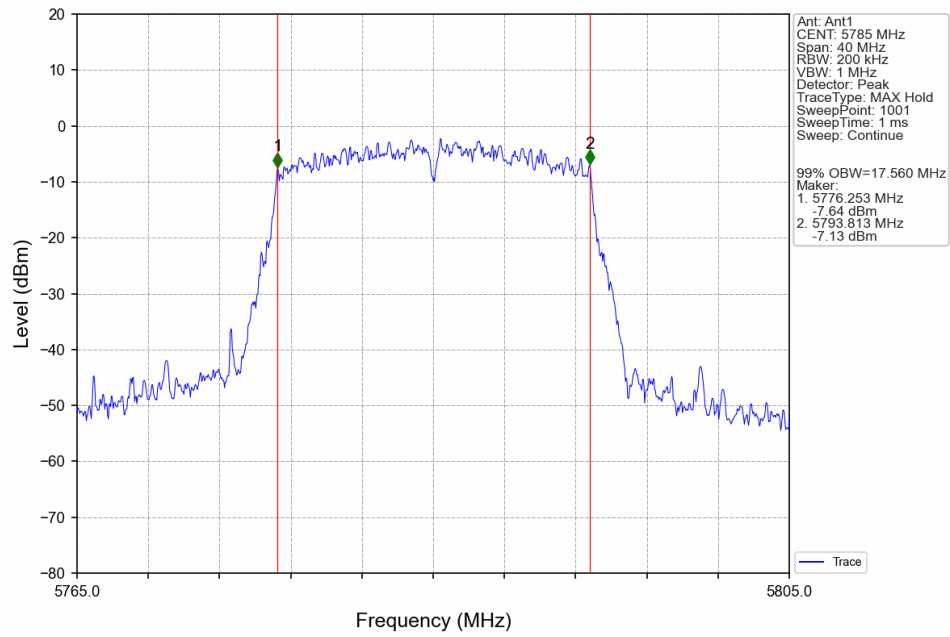
802.11a_HCH_5825MHz_Ant1_NTNV



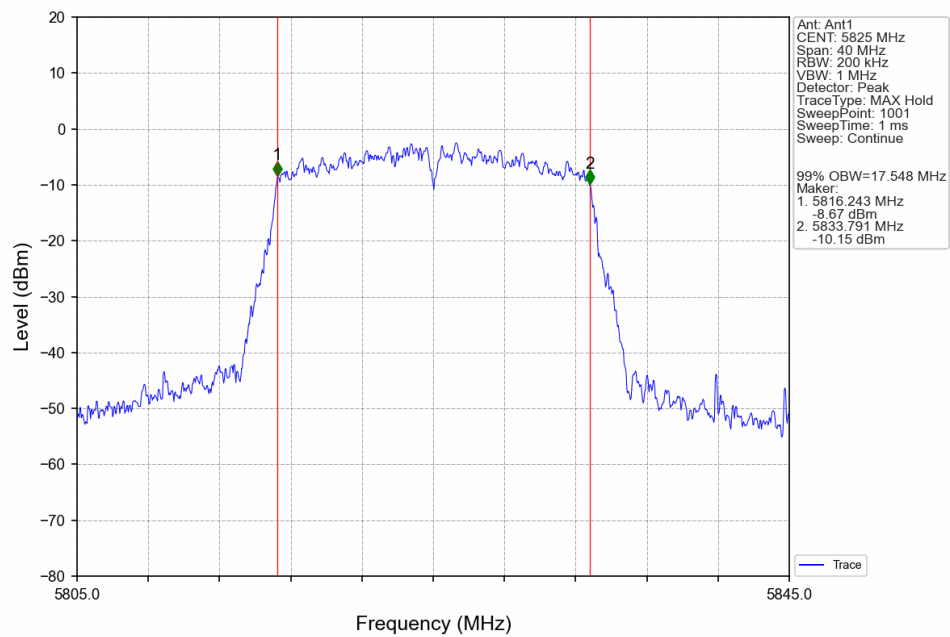
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



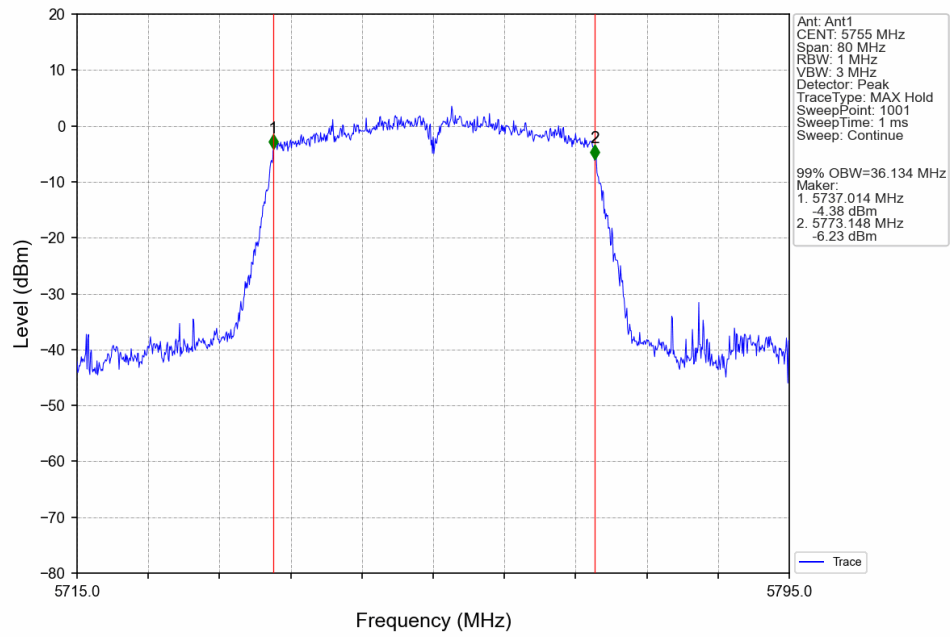
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



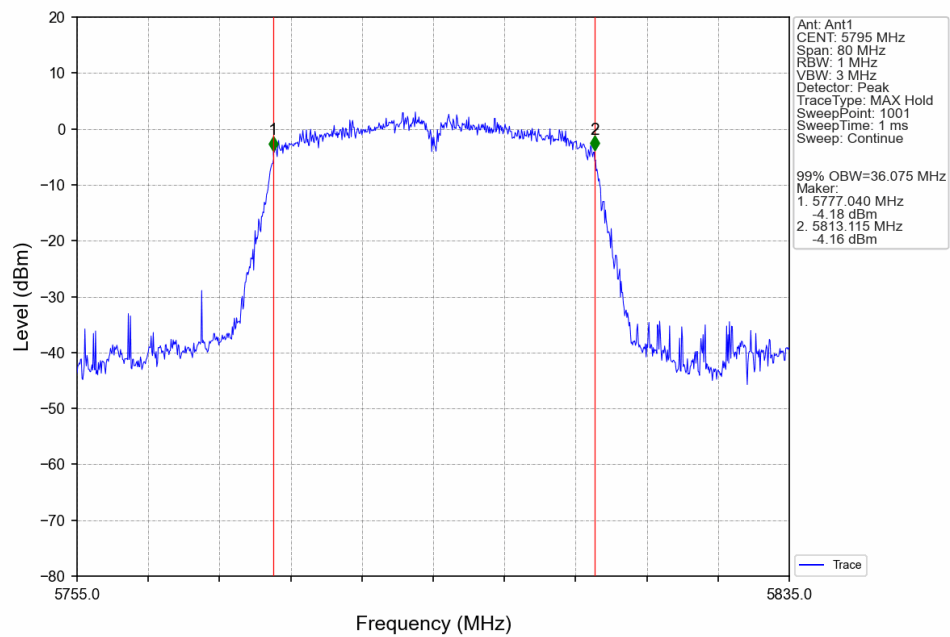
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



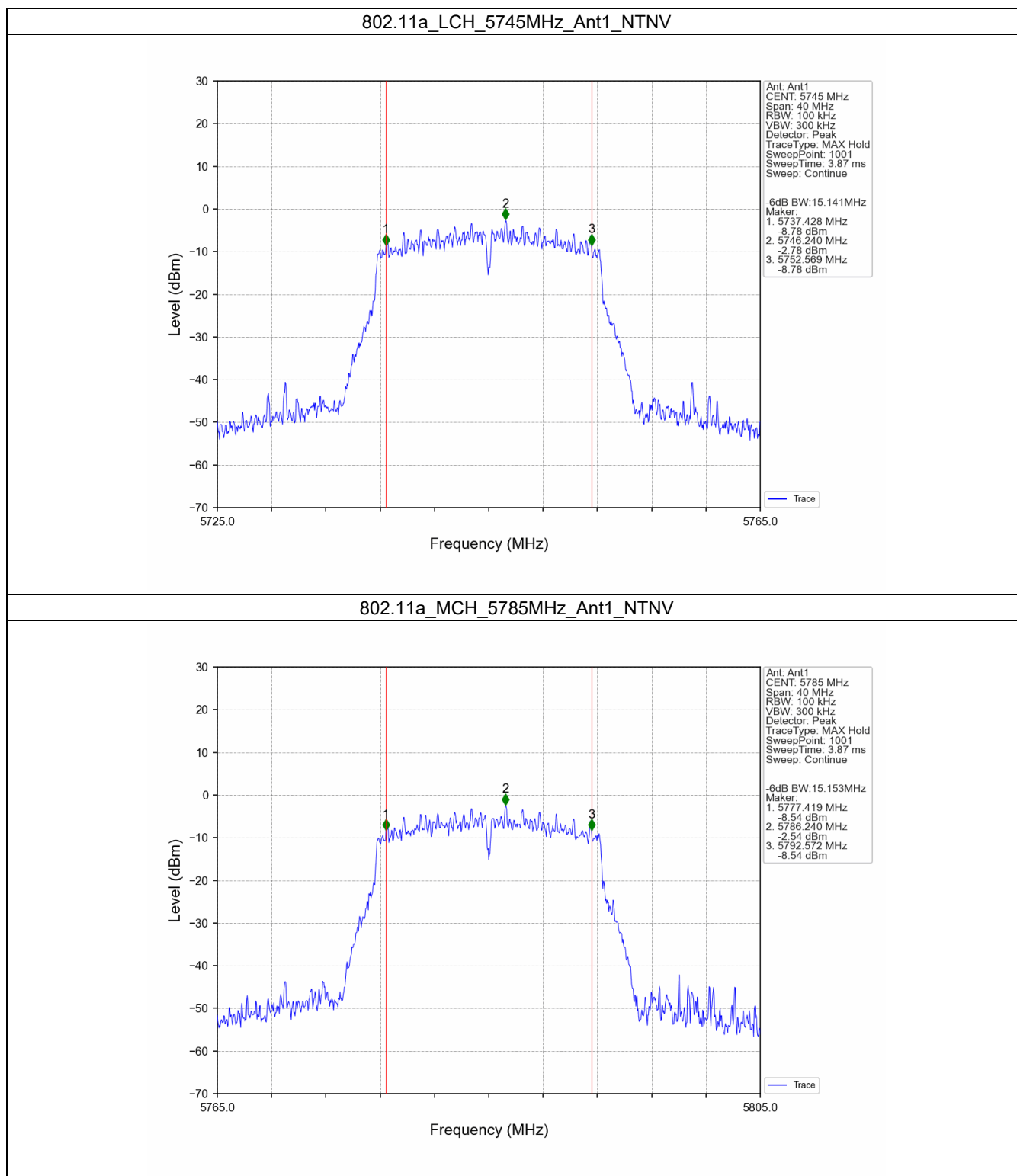
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



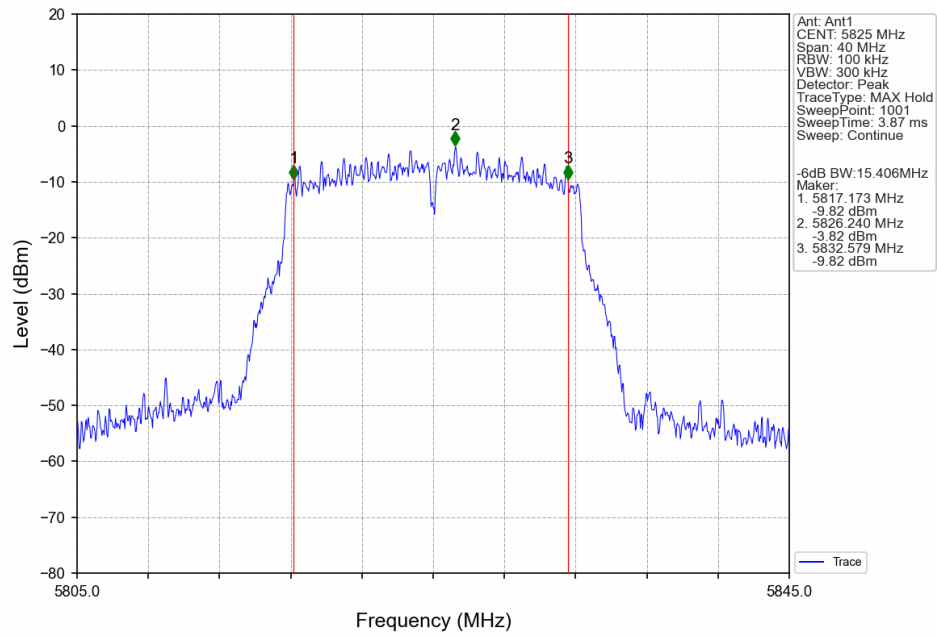
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



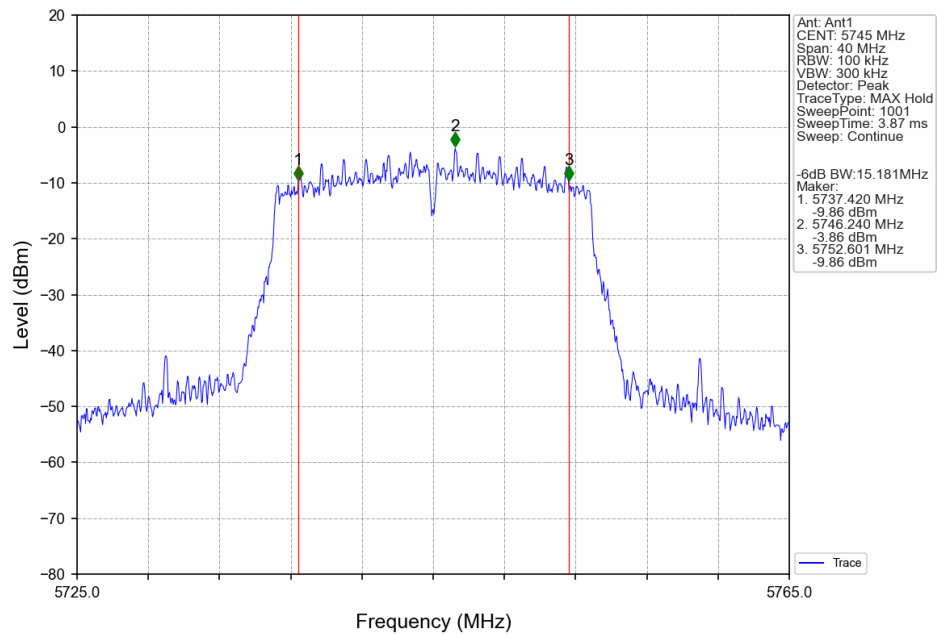
2.2.2 6dB BW



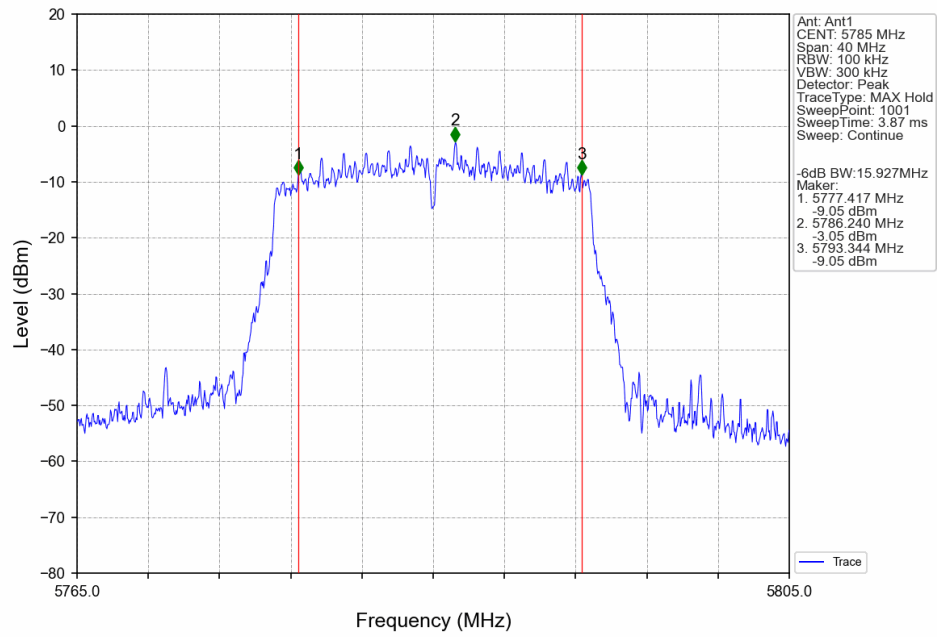
802.11a_HCH_5825MHz_Ant1_NTNV



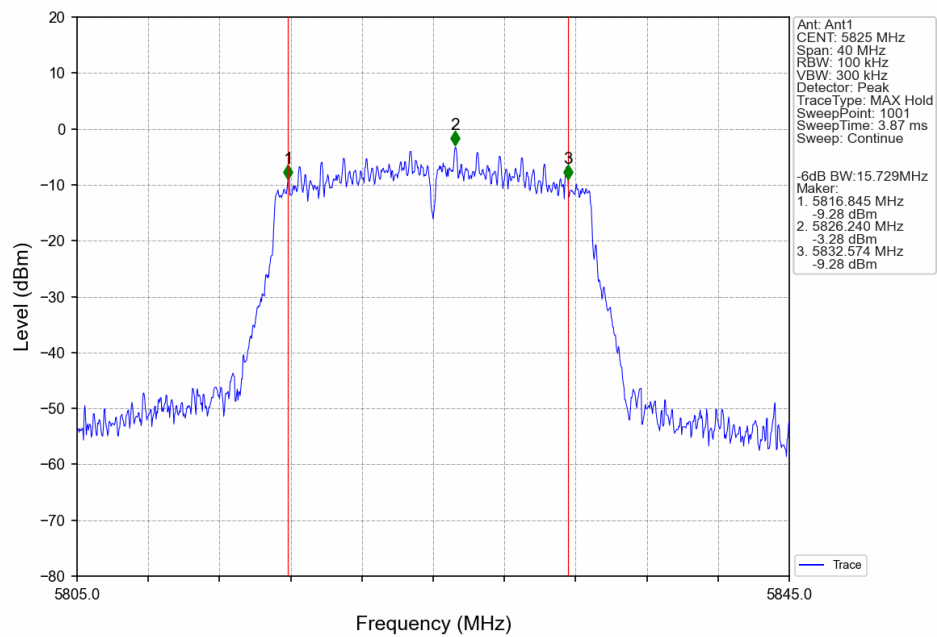
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



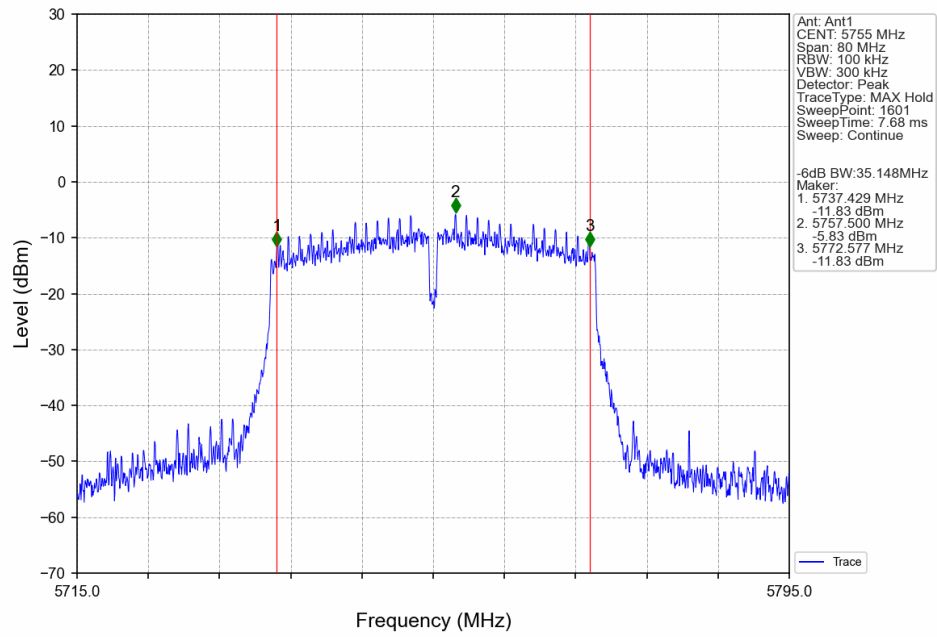
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



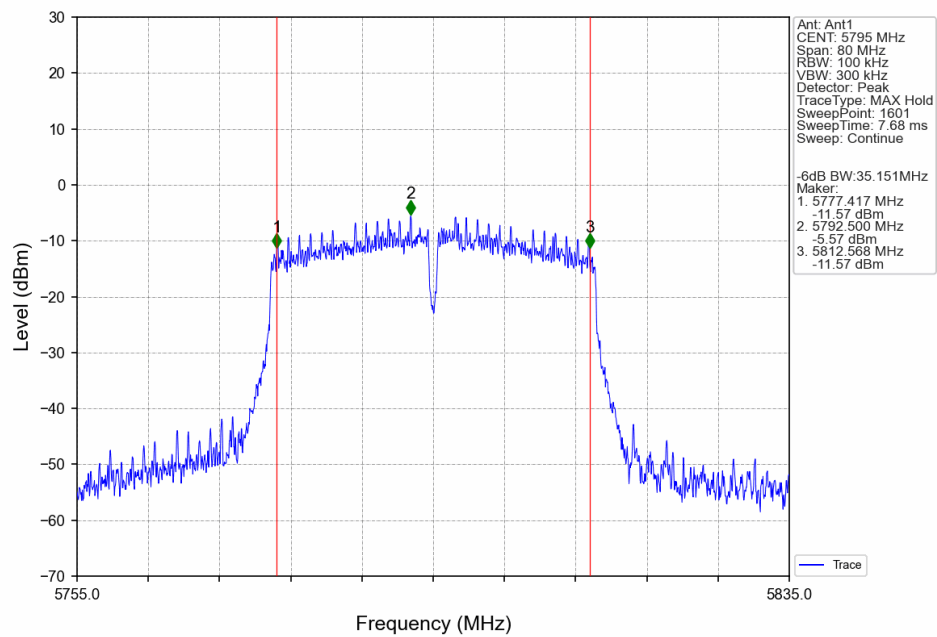
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



3. Maximum Conducted Output Power

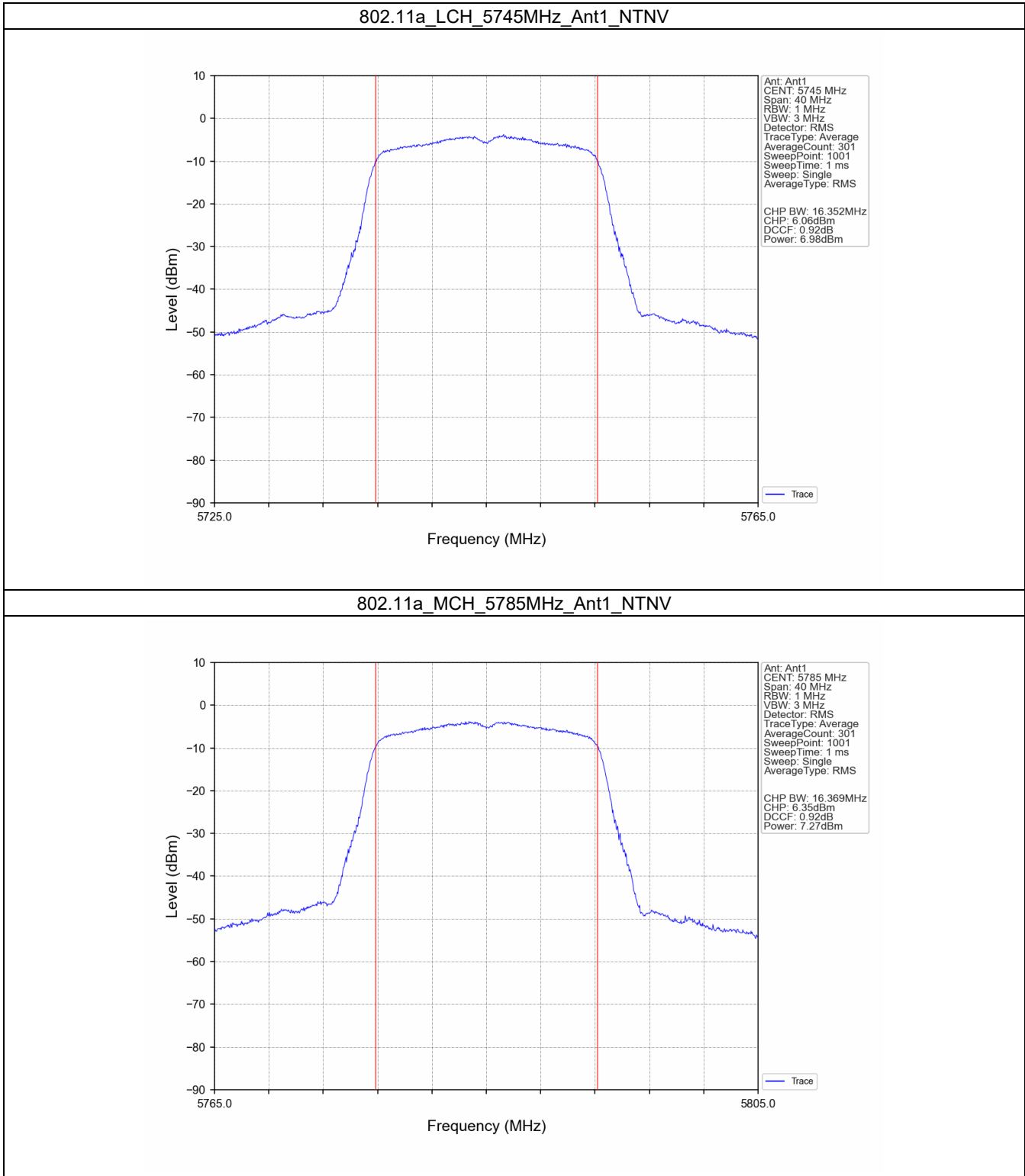
3.1 Test Result

3.1.1 Power

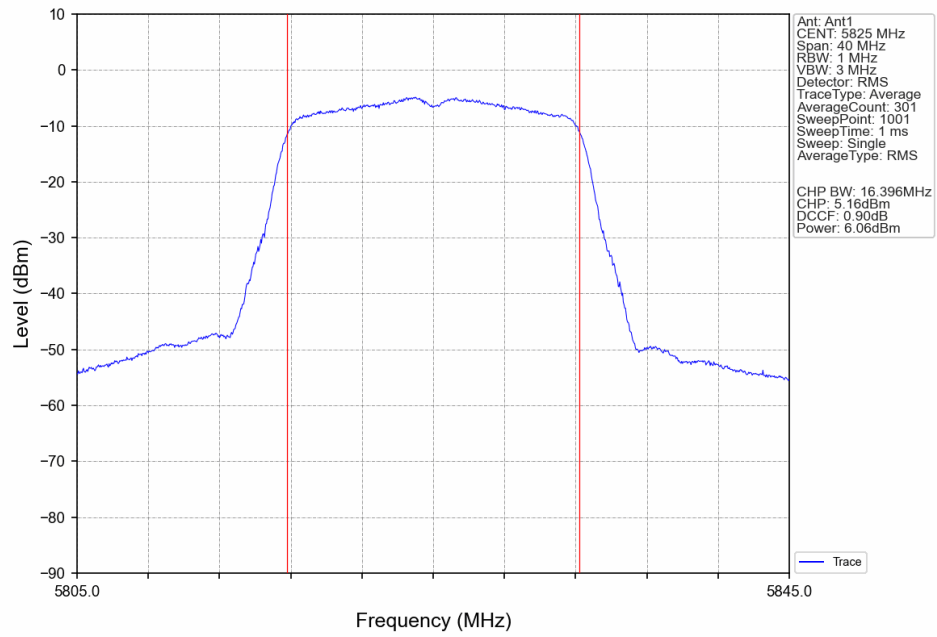
Mode	TX Type	Frequency (MHz)	Maximum Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	6.98	<=30	Pass
		5785	7.27	<=30	Pass
		5825	6.06	<=30	Pass
802.11n (HT20)	SISO	5745	5.97	<=30	Pass
		5785	6.81	<=30	Pass
		5825	6.54	<=30	Pass
802.11n (HT40)	SISO	5755	7.06	<=30	Pass
		5795	7.26	<=30	Pass

3.2 Test Graph

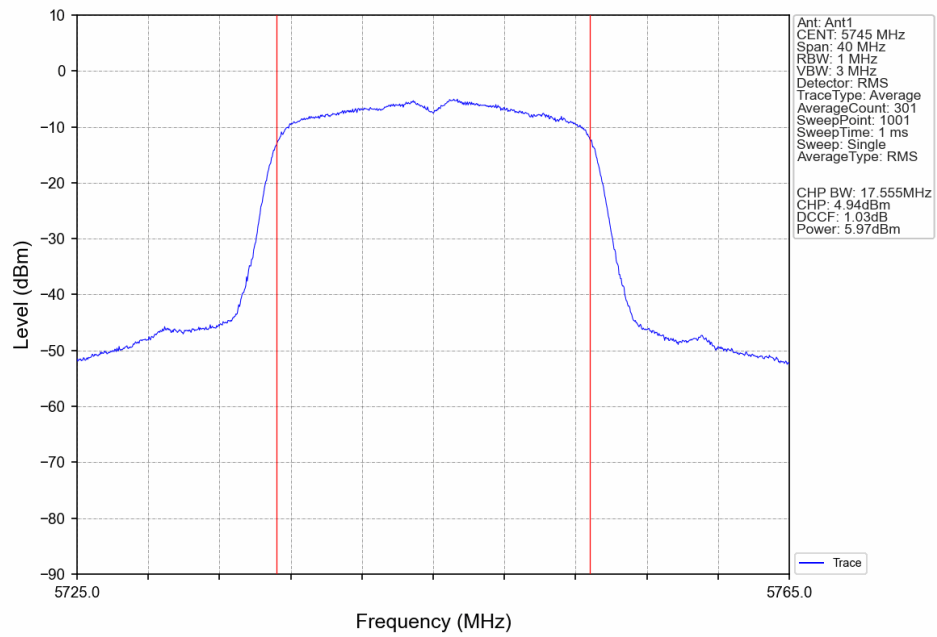
3.2.1 Power



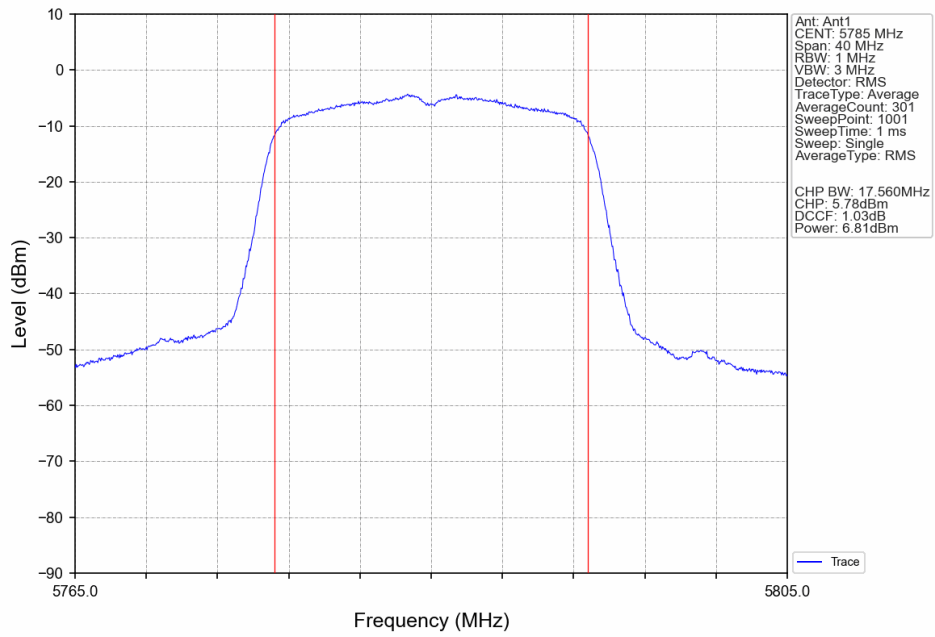
802.11a_HCH_5825MHz_Ant1_NTNV



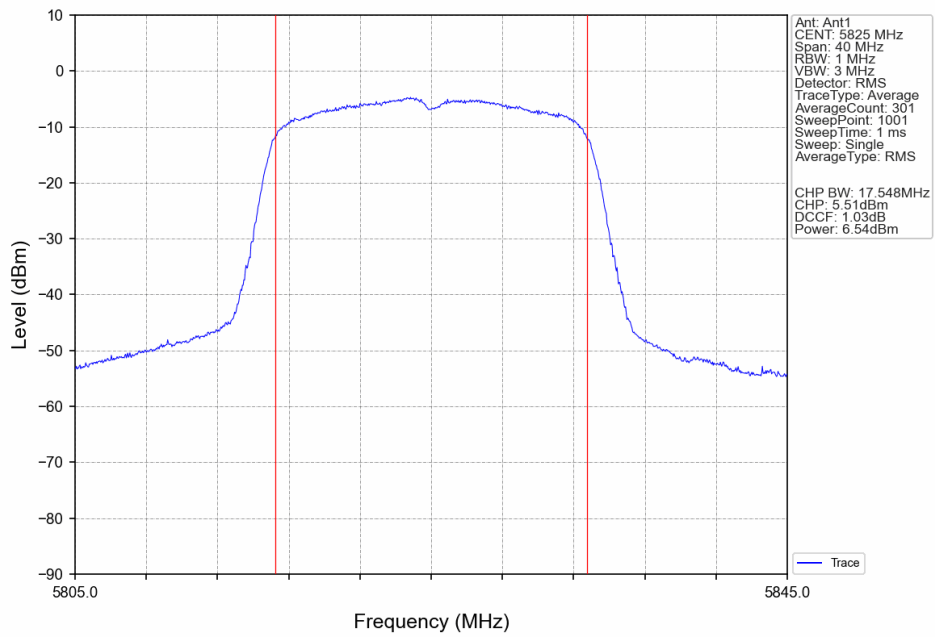
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



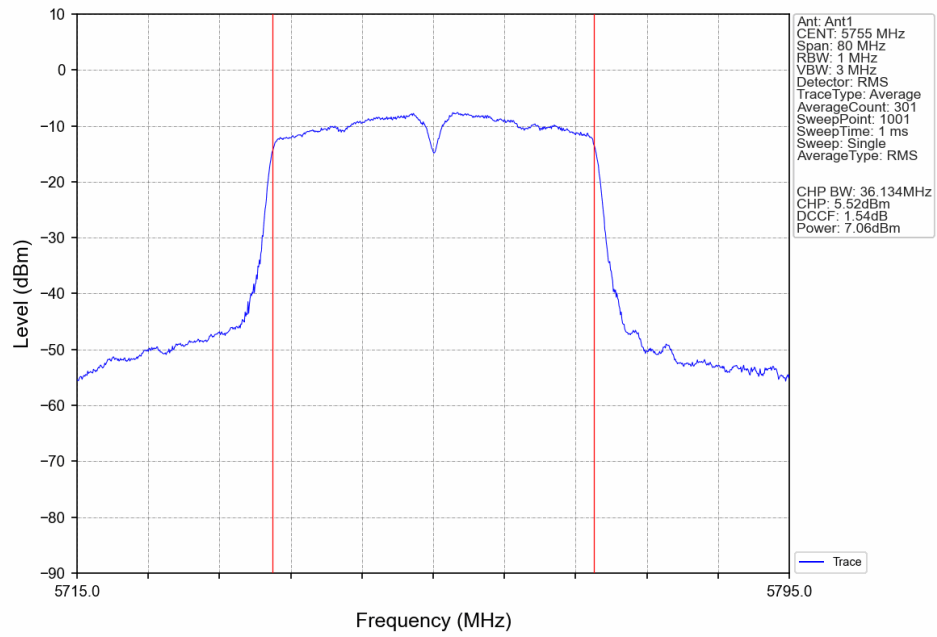
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



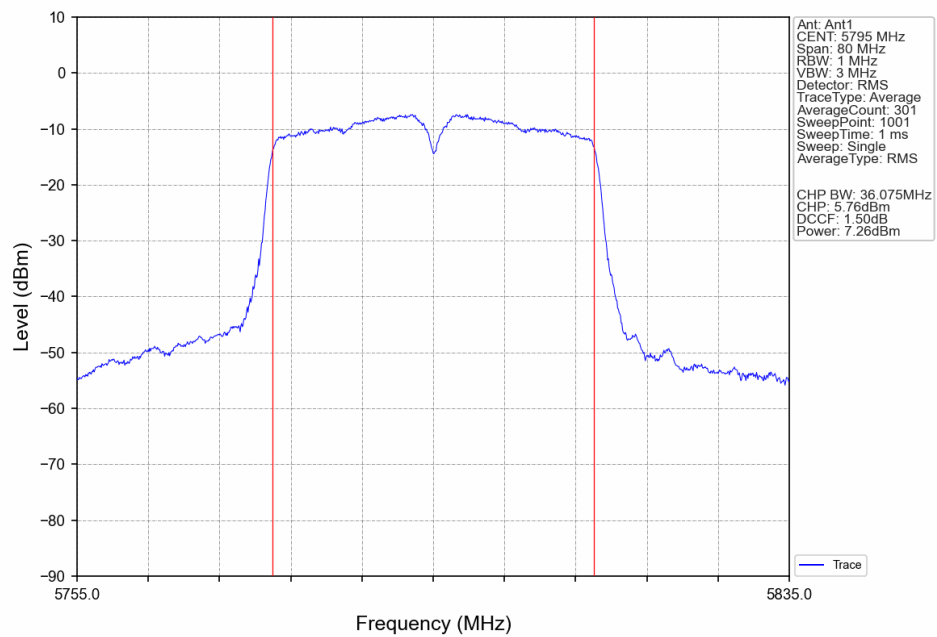
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



4. Maximum Power Spectral Density

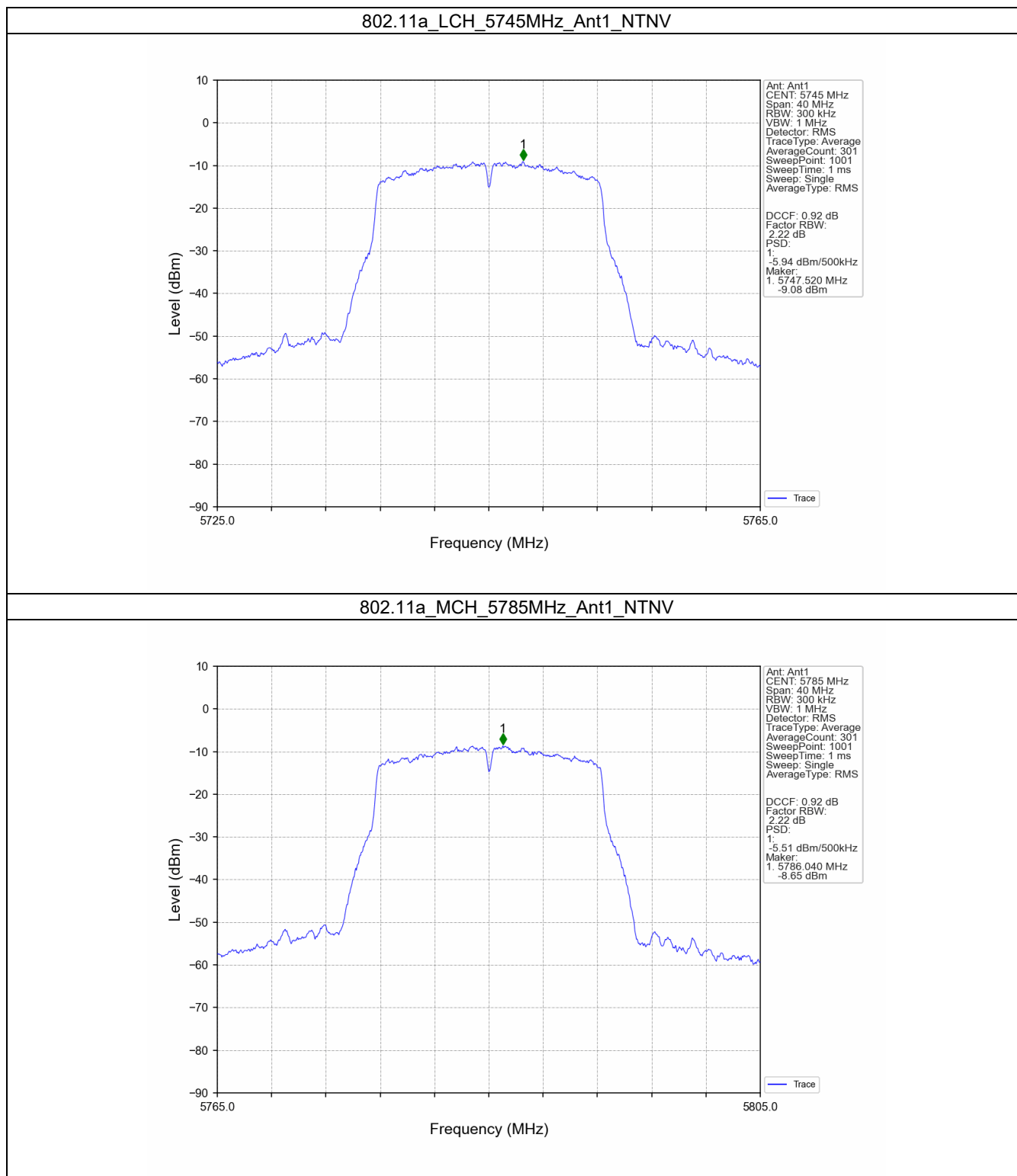
4.1 Test Result

4.1.1 PSD-Band3

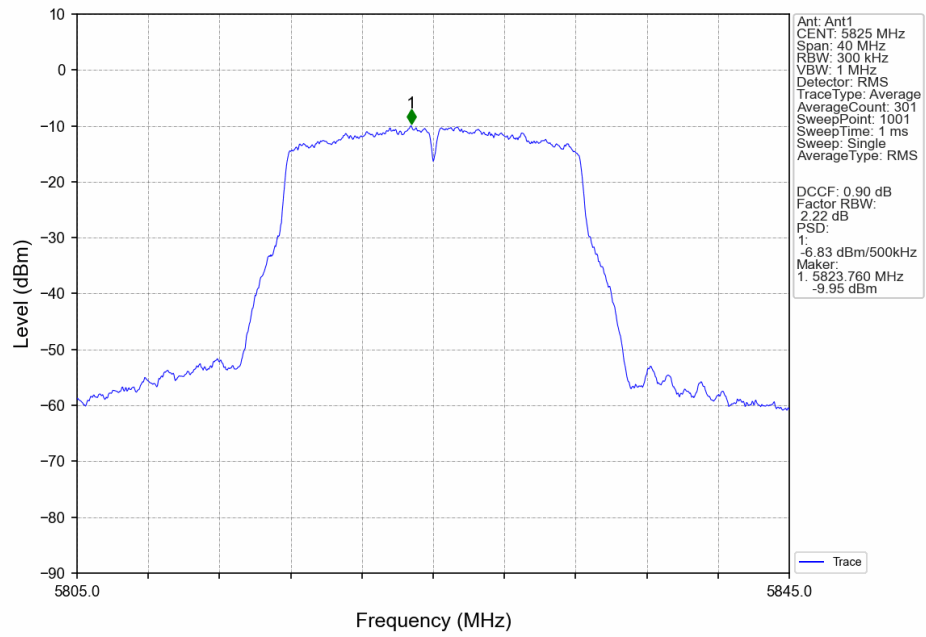
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-5.94	<=30	Pass
		5785	-5.51	<=30	Pass
		5825	-6.83	<=30	Pass
802.11n (HT20)	SISO	5745	-6.34	<=30	Pass
		5785	-5.68	<=30	Pass
		5825	-6.03	<=30	Pass
802.11n (HT40)	SISO	5755	-8.19	<=30	Pass
		5795	-7.84	<=30	Pass

4.2 Test Graph

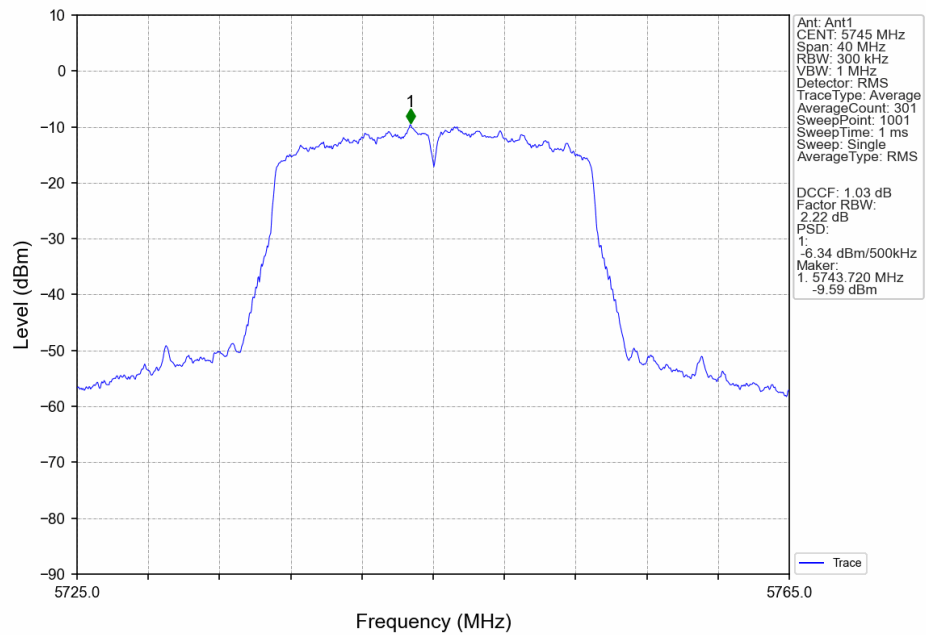
4.2.1 PSD-Band3



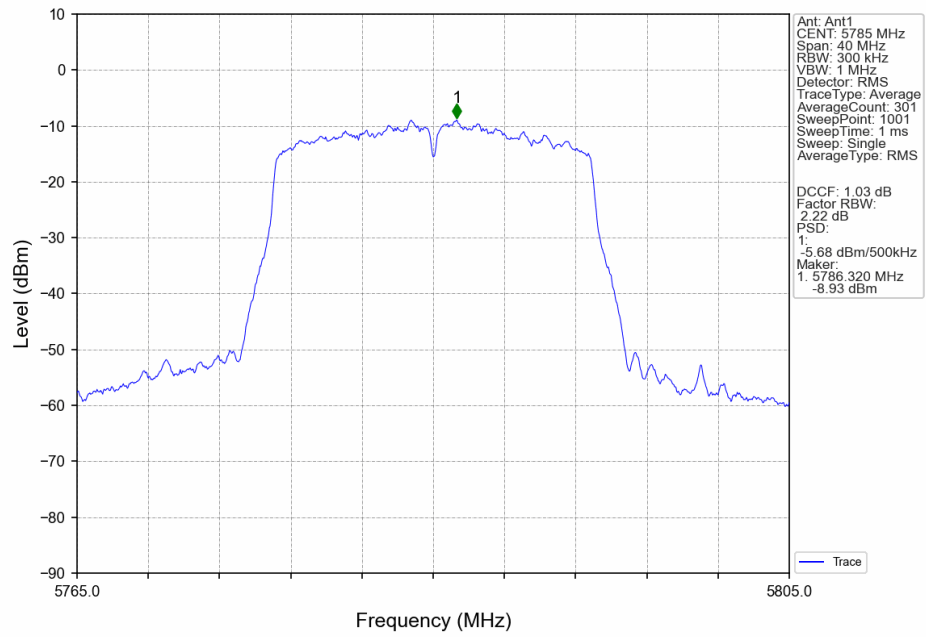
802.11a_HCH_5825MHz_Ant1_NTNV



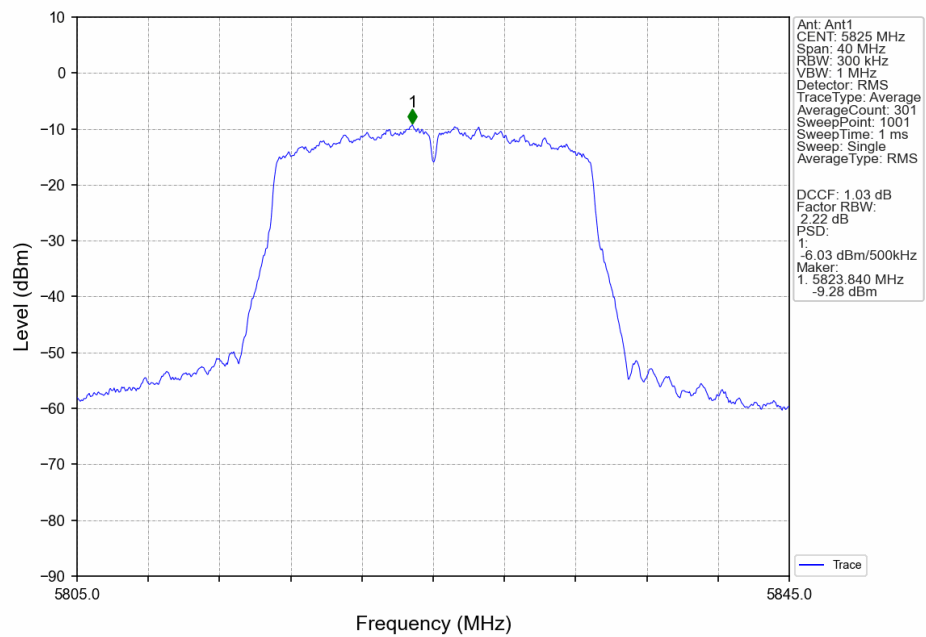
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



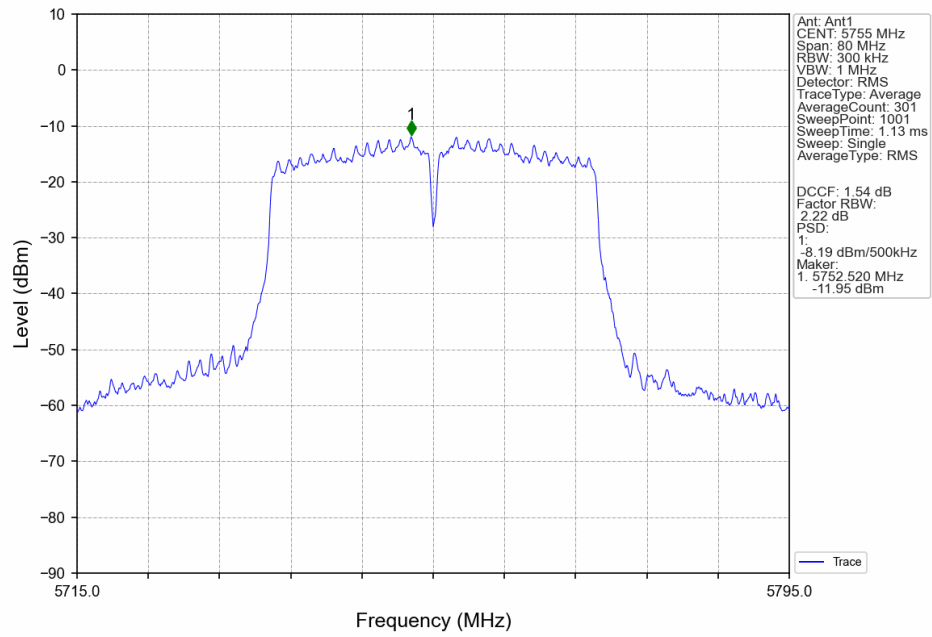
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



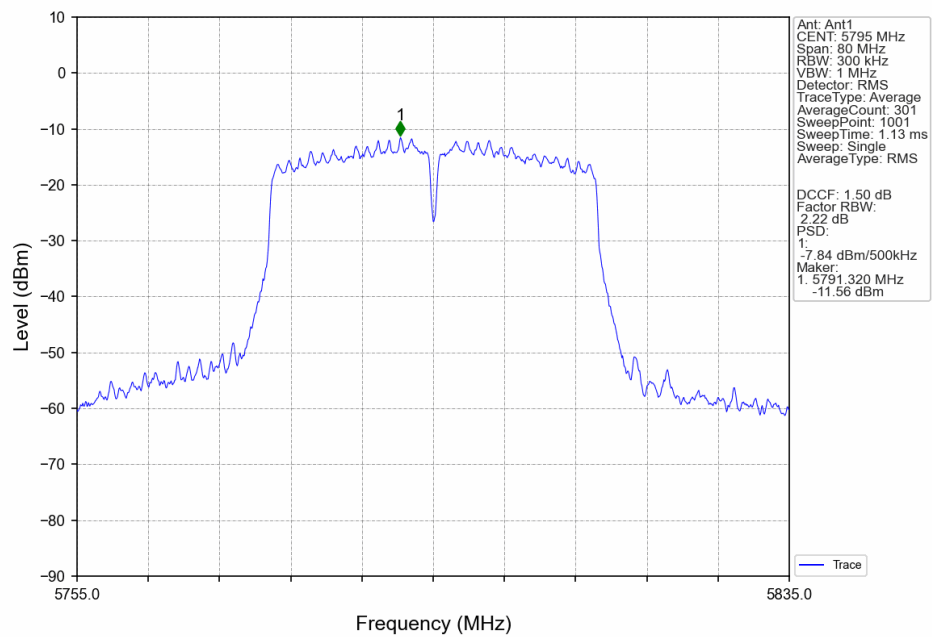
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



5. Band Edge

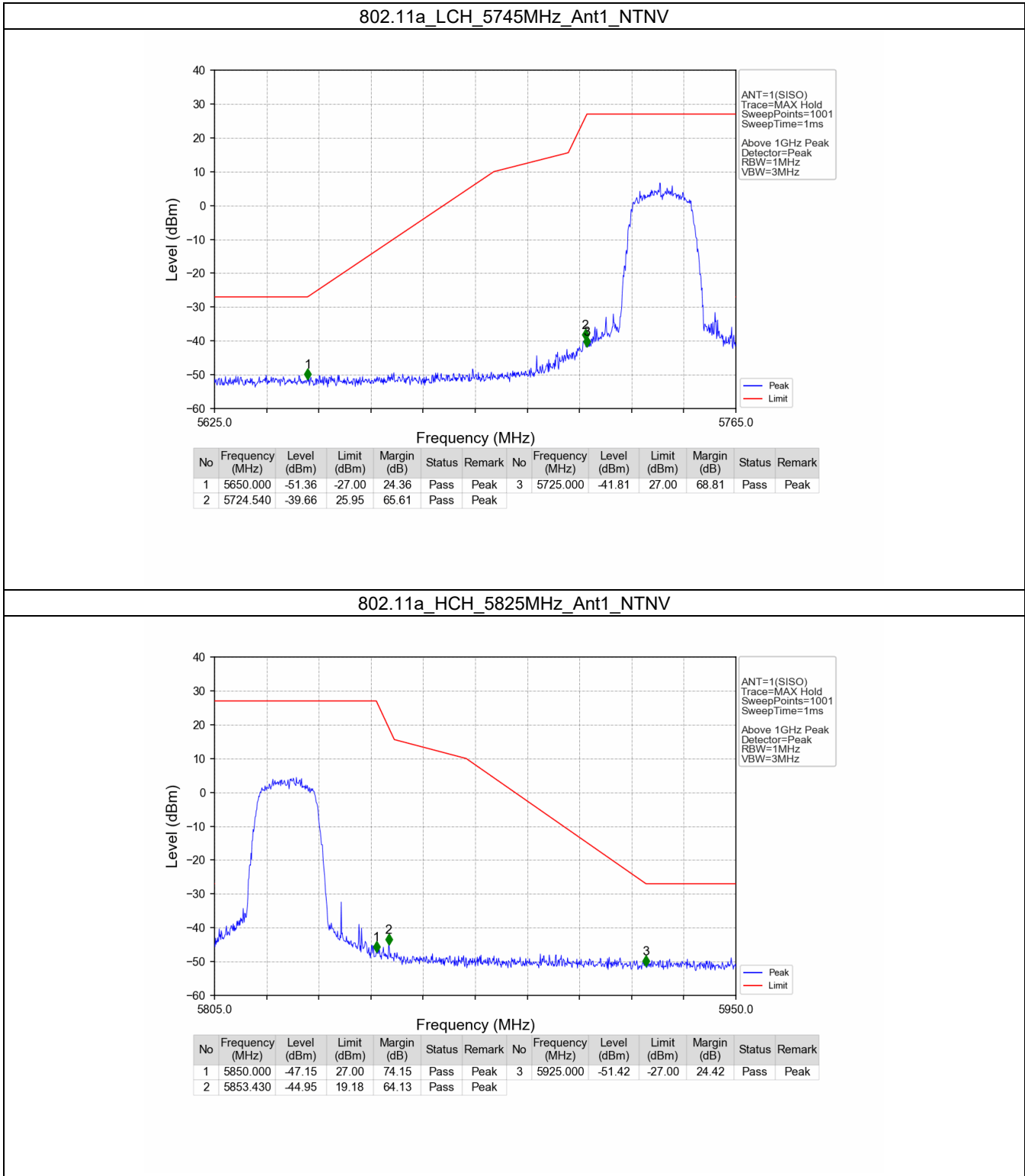
5.1 Test Result

5.1.1 BandEdge

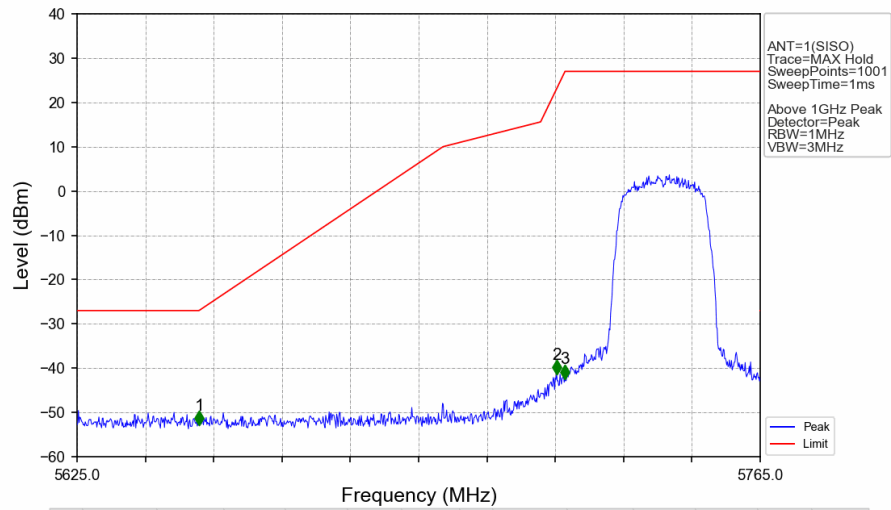
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5755	1	Refer To Test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

5.2 Test Graph

5.2.1 BandEdge

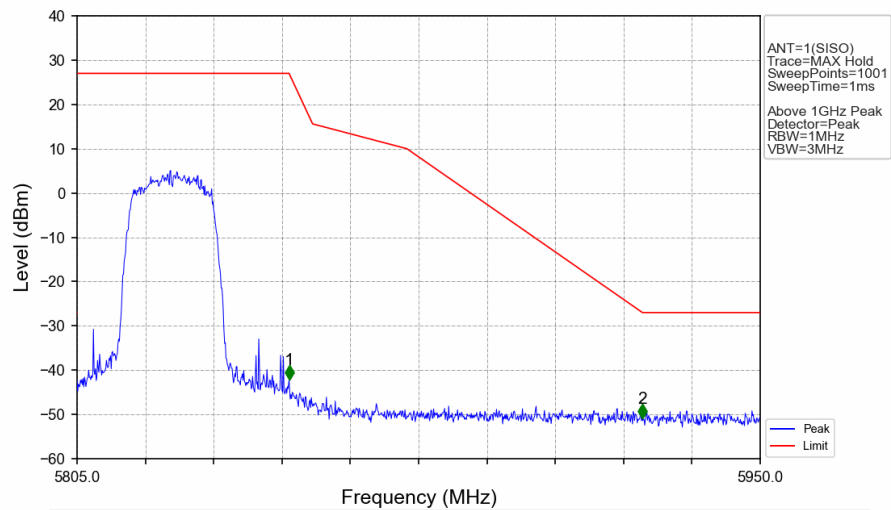


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



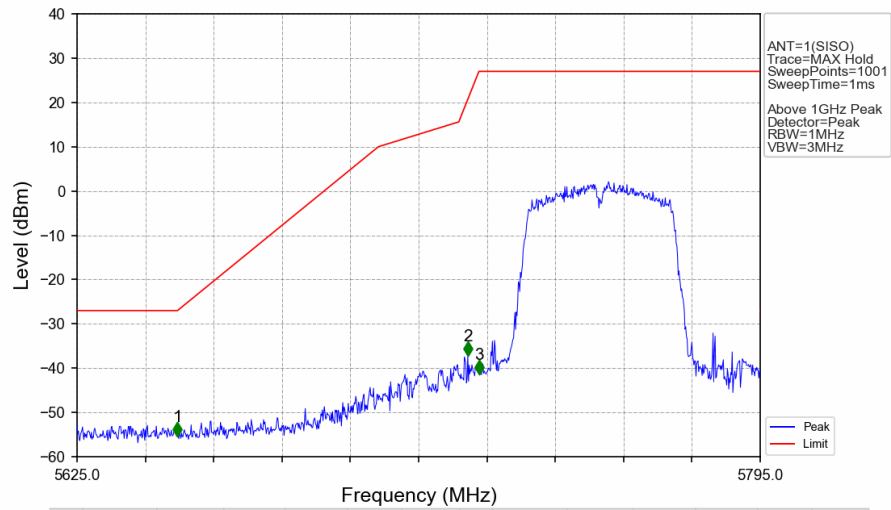
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-52.86	-27.00	25.86	Pass	Peak	3	5725.000	-42.36	27.00	69.36	Pass	Peak
2	5723.280	-41.30	23.08	64.38	Pass	Peak							

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	-42.11	27.00	69.11	Pass	Peak	2	5925.000	-50.84	-27.00	23.84	Pass	Peak

802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

