

Appendix

Test Data

for BTEK250606024A01-T01

Start date	2025/6/27	Finish date	2025/7/29
Temperature	24.1℃	Humidity	55%
RF specifications	5.8G WIFI	Test Engineer	Zora



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1. Duty Cycle

1.1 Test Result

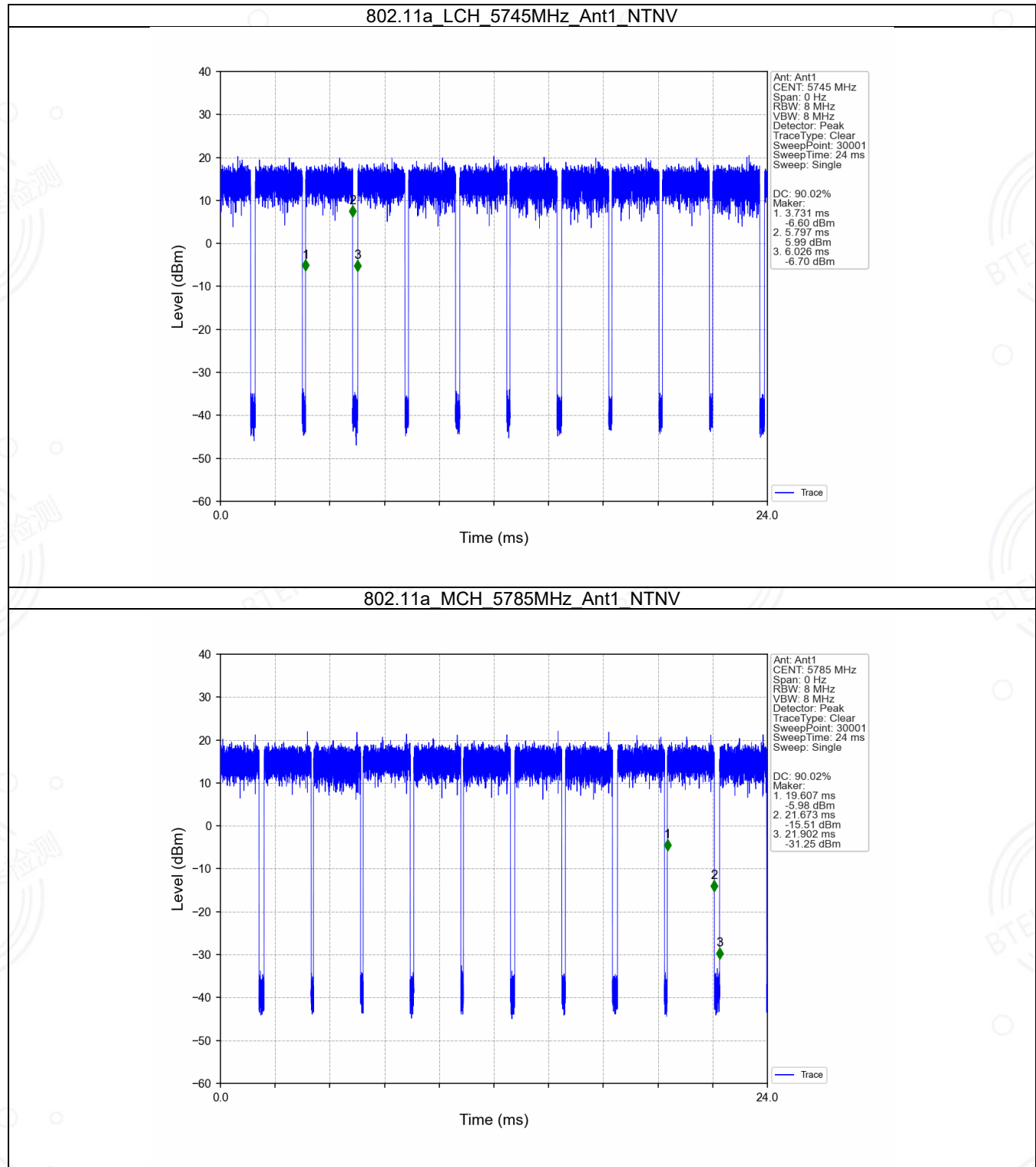
1.1.1 Ant1

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	2.066	2.295	90.02	0.46	3.69
		5785	2.066	2.295	90.02	0.46	5.22
		5825	2.066	2.277	90.73	0.42	4.10
802.11n (HT20)	MIMO	5745	0.986	1.215	81.15	0.91	8.67
		5785	0.986	1.215	81.15	0.91	8.61
		5825	0.986	1.215	81.15	0.91	9.39
802.11n (HT40)	MIMO	5755	0.498	0.700	71.14	1.48	11.74
		5795	0.497	0.709	70.10	1.54	11.41
		5745	0.993	1.246	79.70	0.99	8.24
802.11ac (VHT20)	MIMO	5785	0.994	1.247	79.71	0.98	9.66
		5825	0.993	1.220	81.39	0.89	6.49
		5755	0.502	0.746	67.29	1.72	11.37
802.11ac (VHT40)	MIMO	5795	0.502	0.710	70.70	1.51	9.10
		5775	0.258	0.511	50.49	2.97	15.00

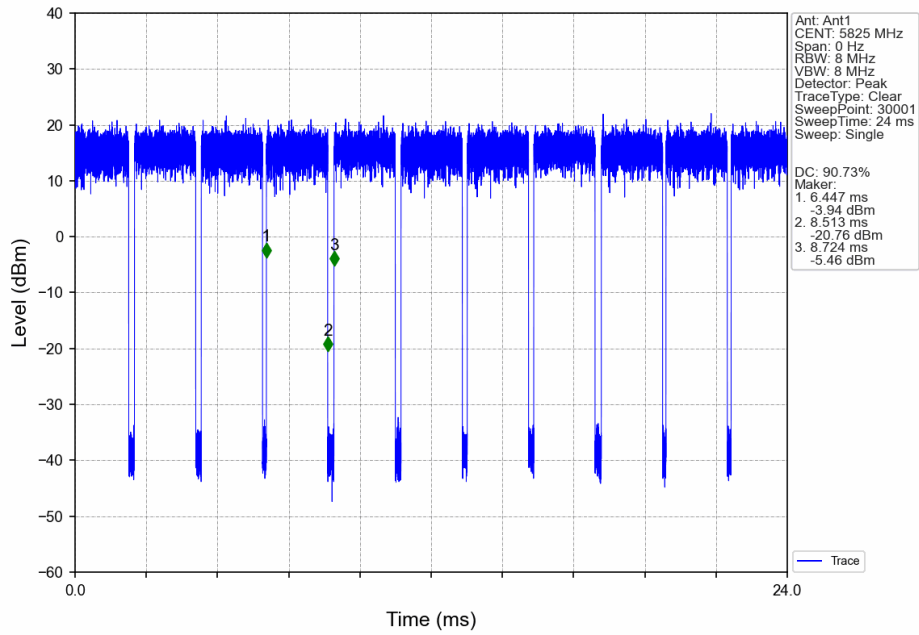


1.2 Test Graph

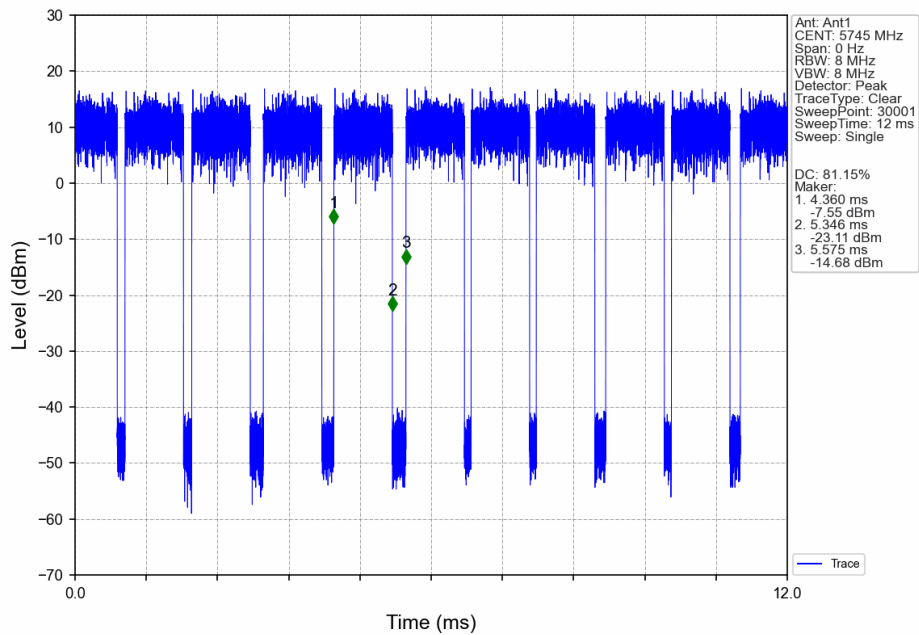
1.2.1 Ant1



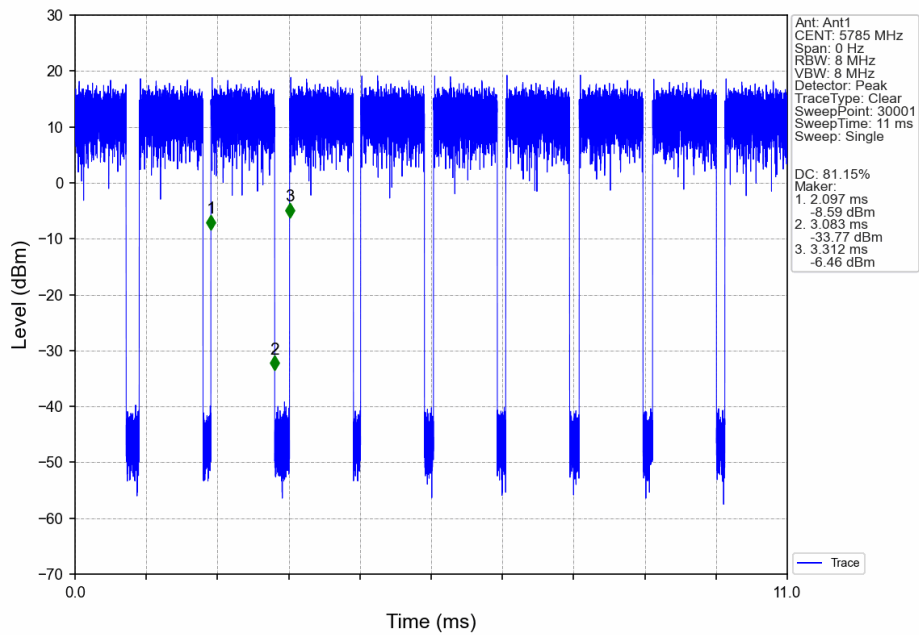
802.11a_HCH_5825MHz_Ant1_NTNV



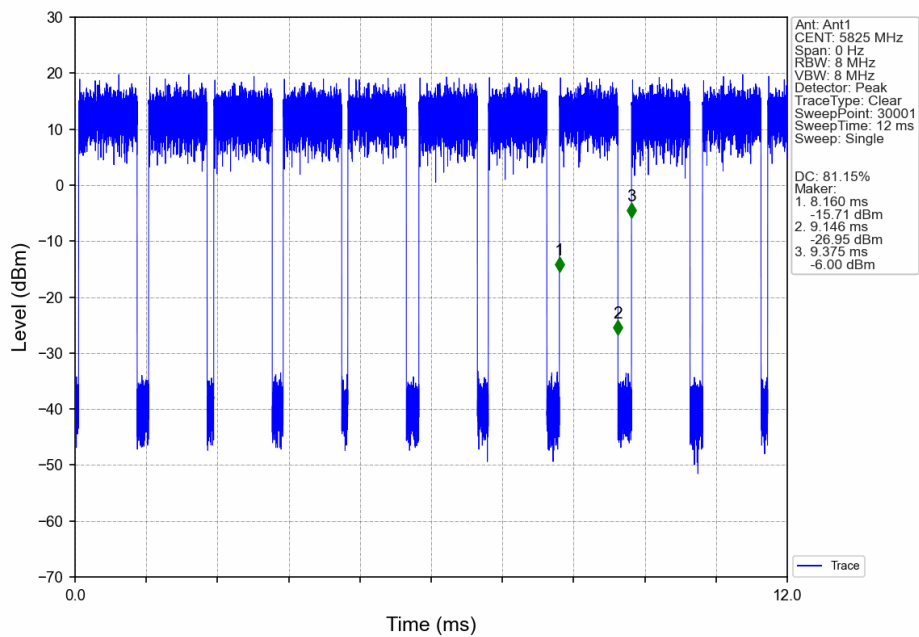
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



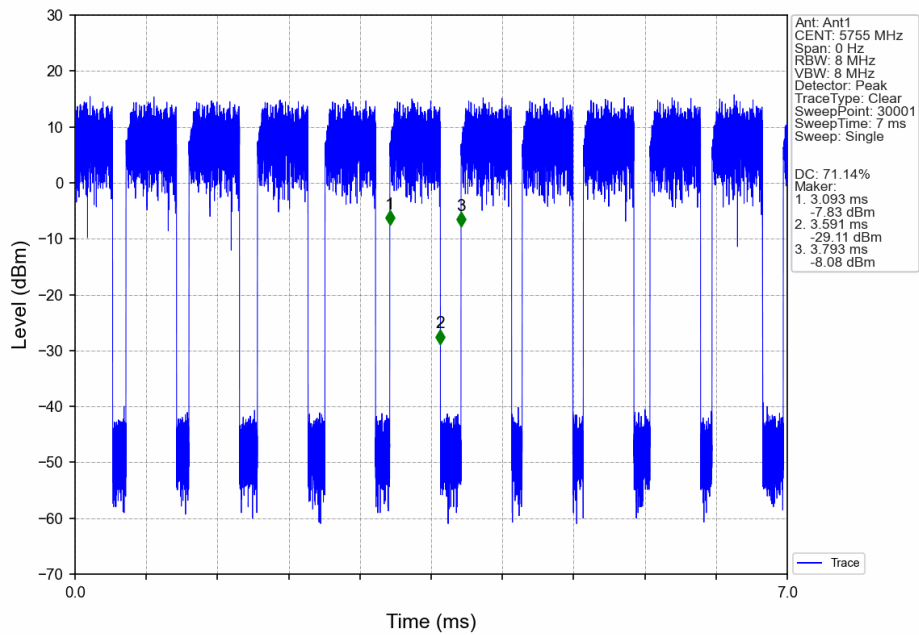
802.11n(HT20) MCH 5785MHz Ant1 NTN



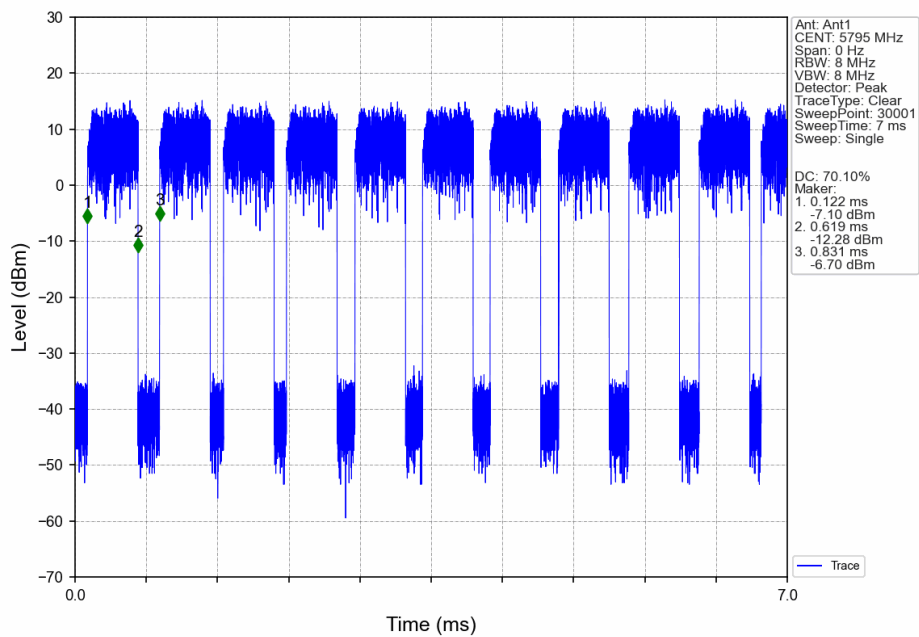
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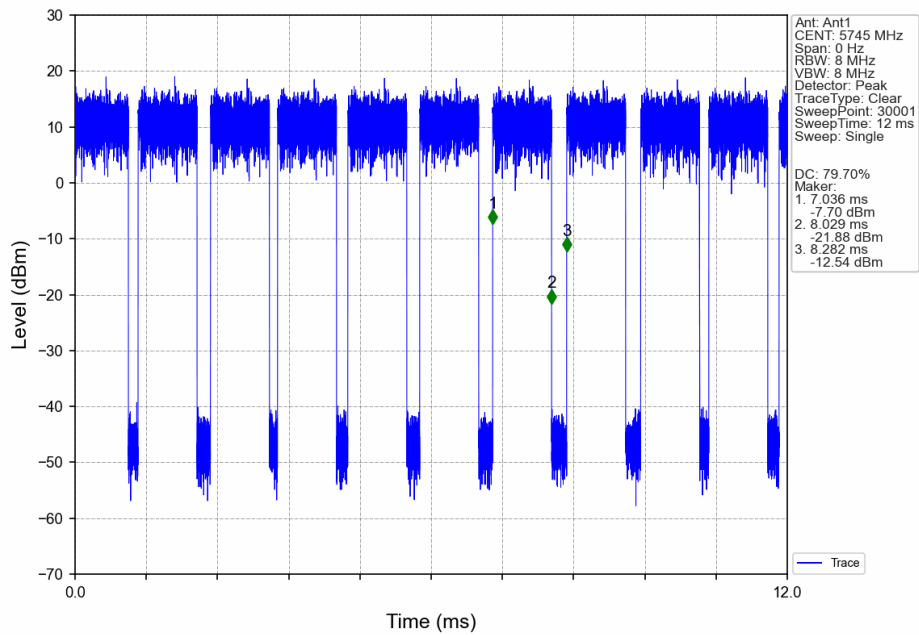
802.11n(HT40) LCH 5755MHz Ant1 NTNV



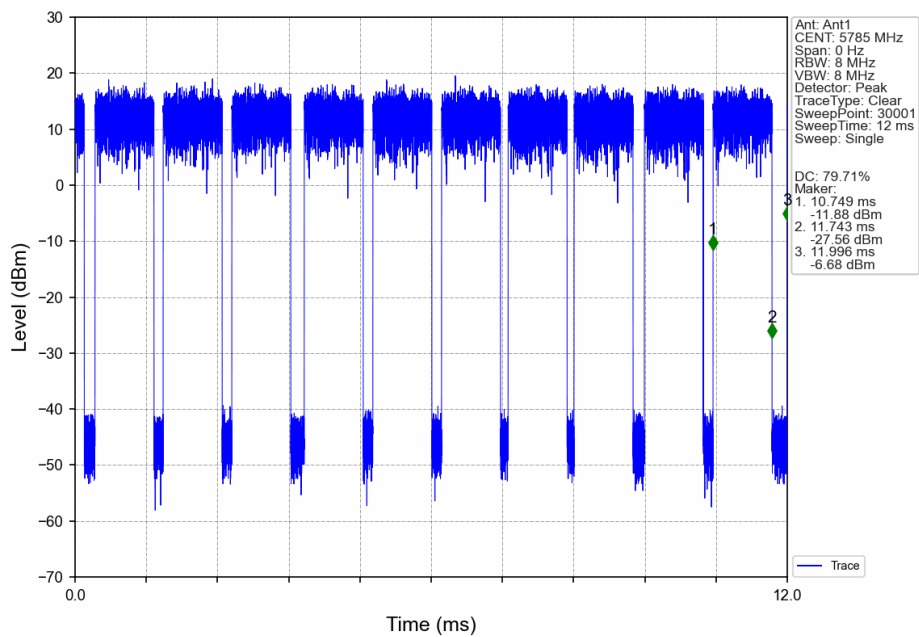
802.11n(HT40)_HCH 5795MHz Ant1 NTNV



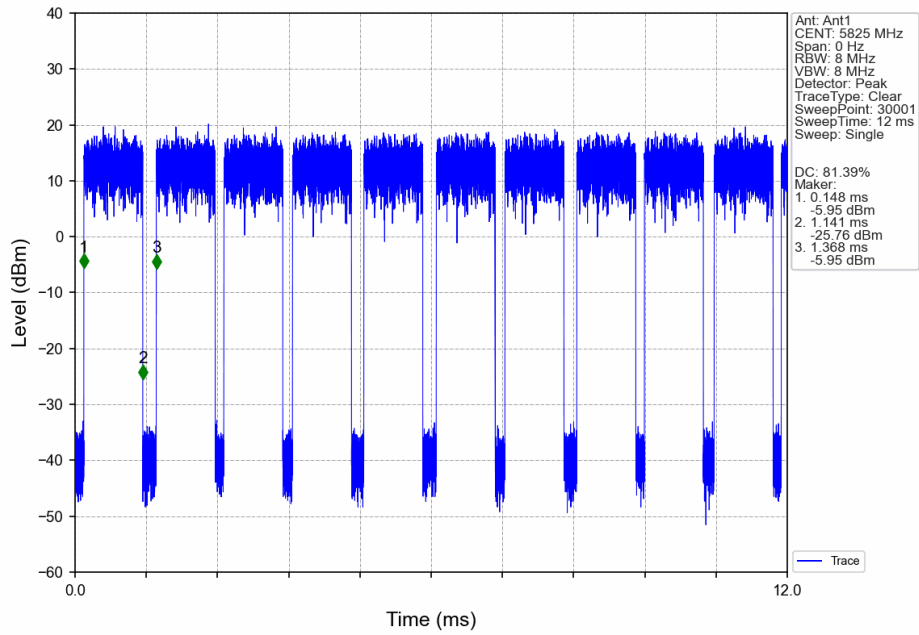
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



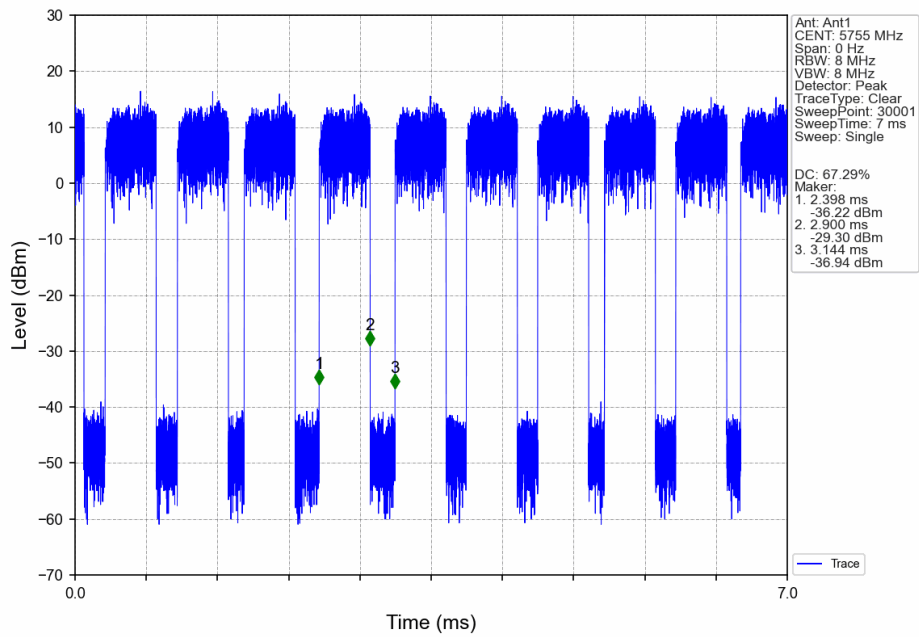
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



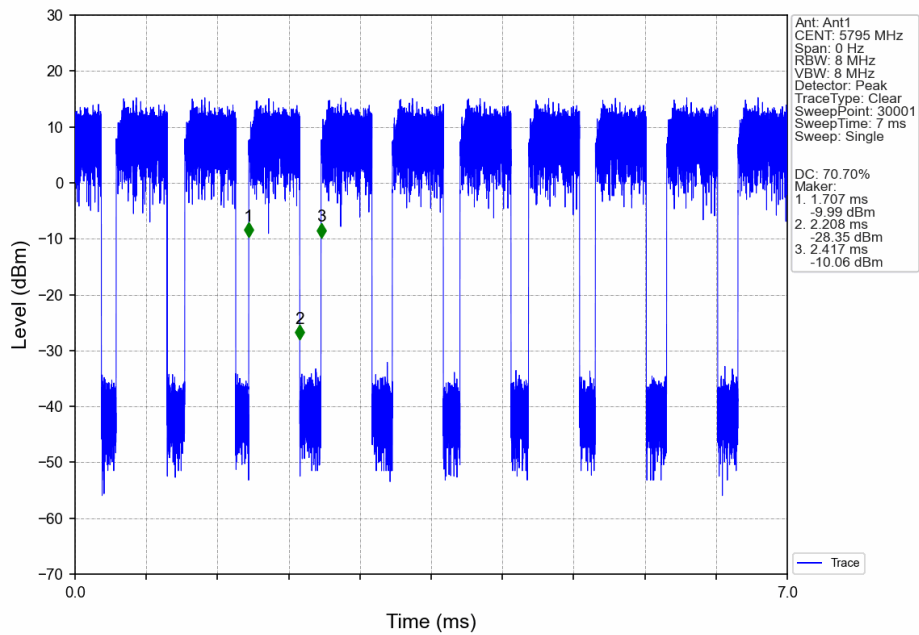
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



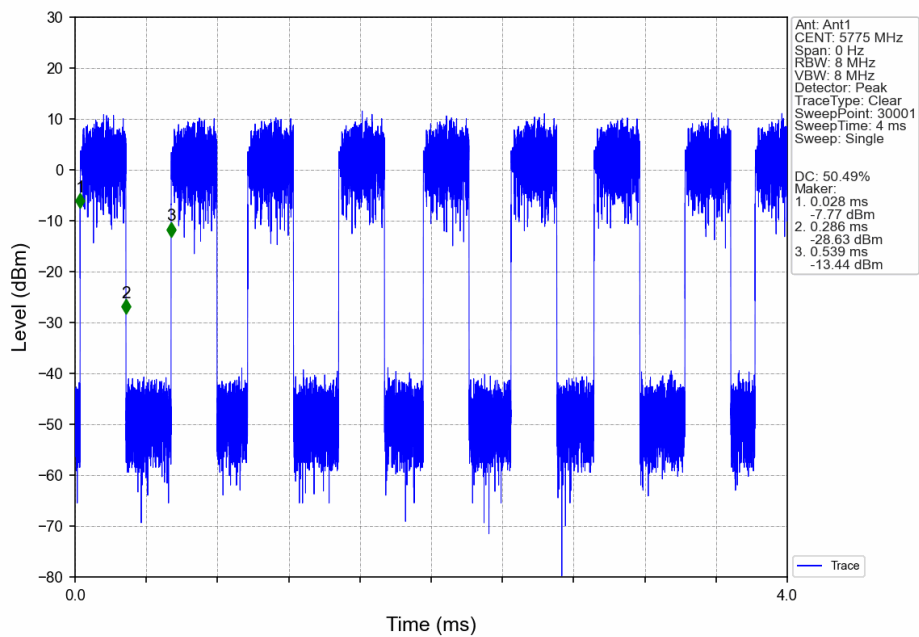
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



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	19.880	/	Pass
		5785	1	19.581	/	Pass
		5825	1	20.672	/	Pass
802.11n (HT20)	MIMO	5745	1	18.196	/	Pass
		5785	1	18.462	/	Pass
		5825	1	18.870	/	Pass
802.11n (HT40)	MIMO	5755	1	37.580	/	Pass
		5795	1	36.787	/	Pass
802.11ac (VHT20)	MIMO	5745	1	18.086	/	Pass
		5785	1	18.418	/	Pass
		5825	1	18.448	/	Pass
802.11ac (VHT40)	MIMO	5755	1	37.965	/	Pass
		5795	1	37.408	/	Pass
802.11ac (VHT80)	MIMO	5775	1	76.635	/	Pass

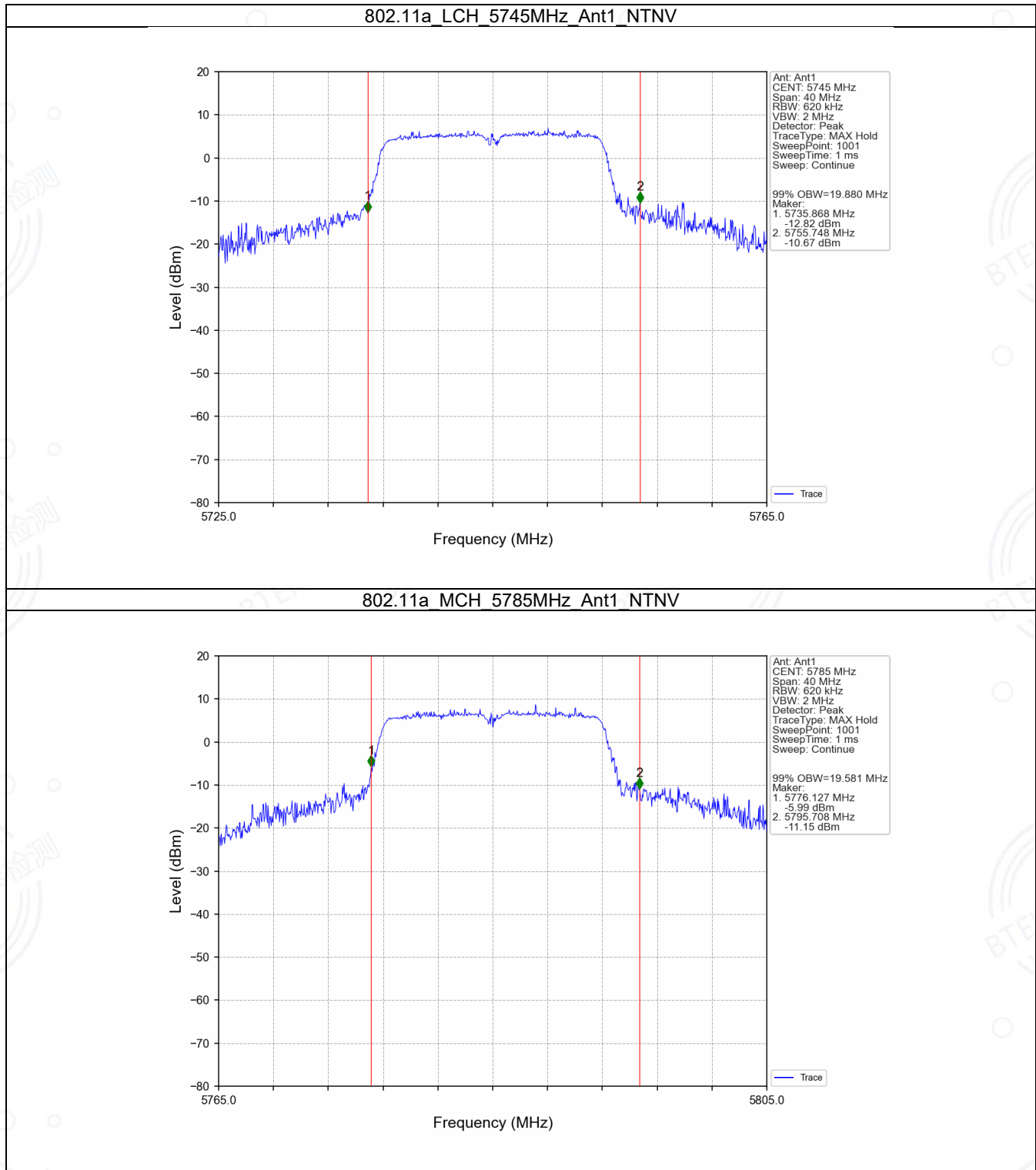
2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.377	≥ 0.5	Pass
		5785	1	16.384	≥ 0.5	Pass
		5825	1	16.341	≥ 0.5	Pass
802.11n (HT20)	MIMO	5745	1	16.943	≥ 0.5	Pass
		5785	1	17.567	≥ 0.5	Pass
		5825	1	17.586	≥ 0.5	Pass
802.11n (HT40)	MIMO	5755	1	35.182	≥ 0.5	Pass
		5795	1	35.197	≥ 0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	16.987	≥ 0.5	Pass
		5785	1	17.581	≥ 0.5	Pass
		5825	1	17.296	≥ 0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	35.103	≥ 0.5	Pass
		5795	1	35.037	≥ 0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	73.838	≥ 0.5	Pass

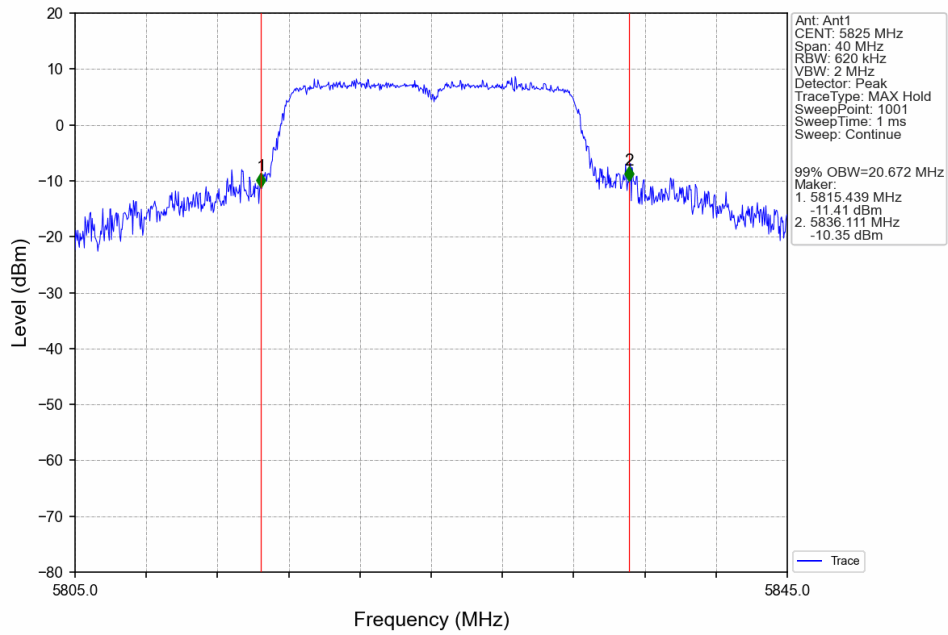


2.2 Test Graph

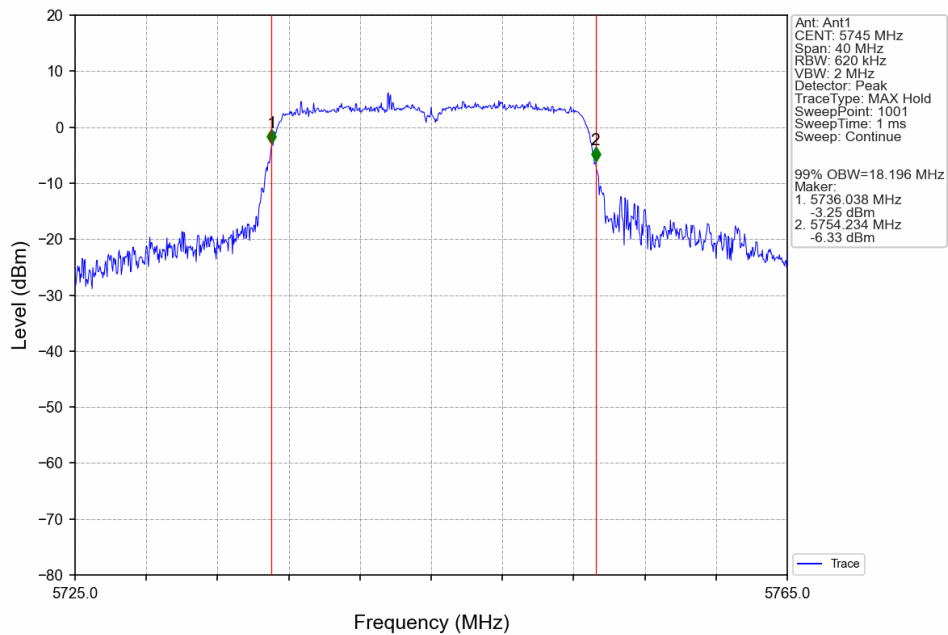
2.2.1 OBW



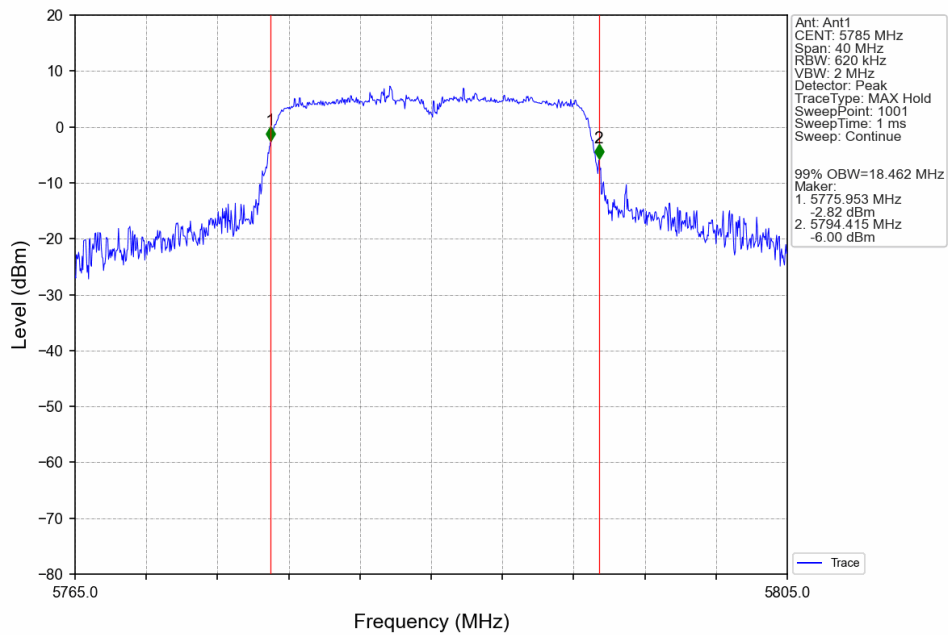
802.11a_HCH_5825MHz_Ant1_NTNV



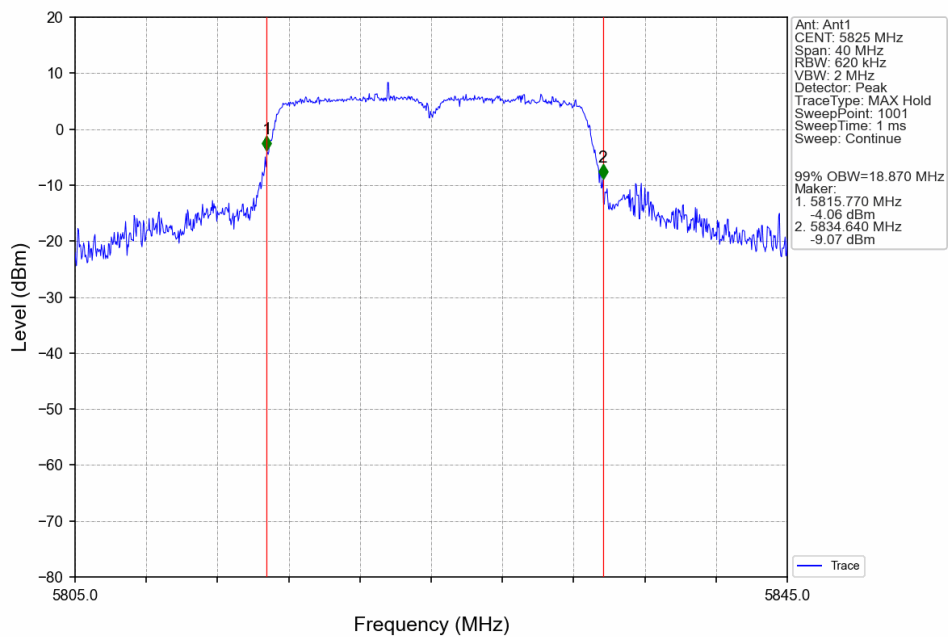
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



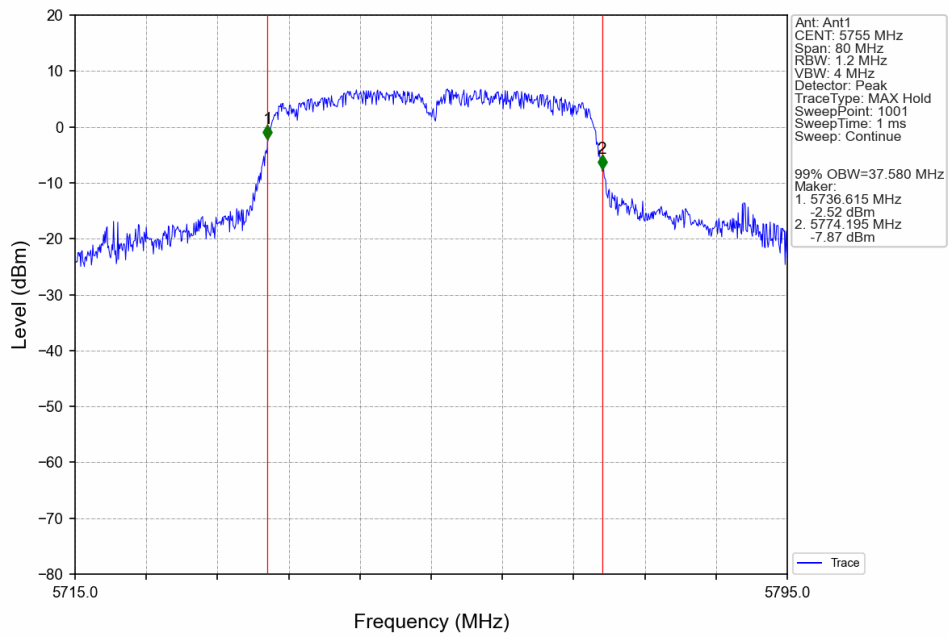
802.11n(HT20) MCH 5785MHz Ant1 NTN



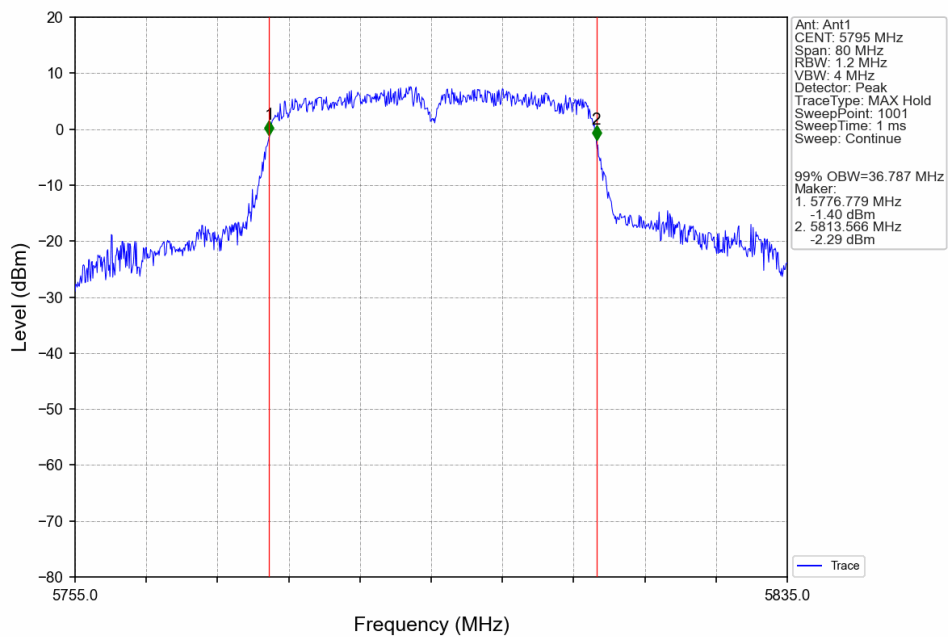
802.11n(HT20)_HCH_5825MHz_Ant1 NTN



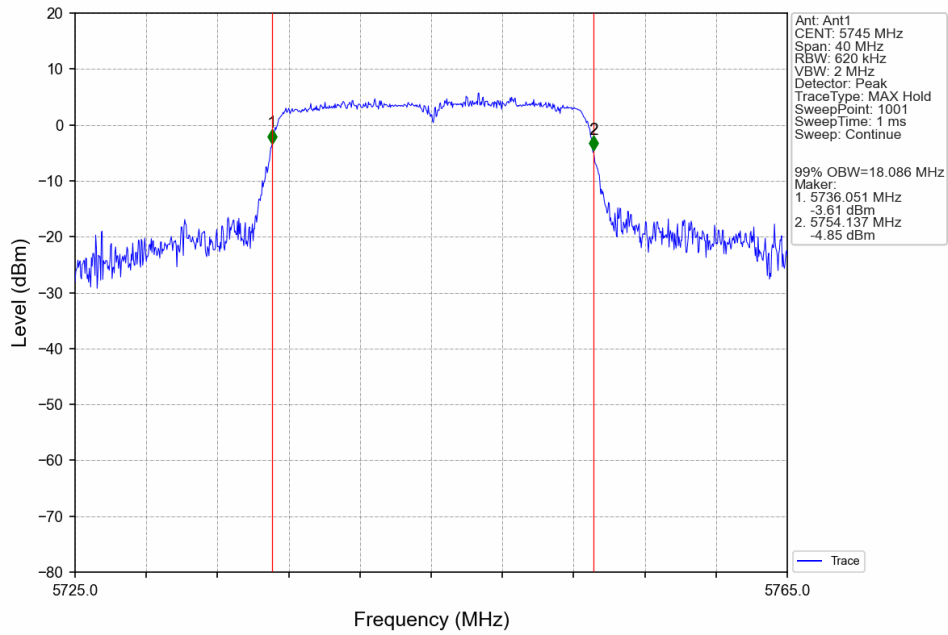
802.11n(HT40) LCH 5755MHz Ant1 NTV



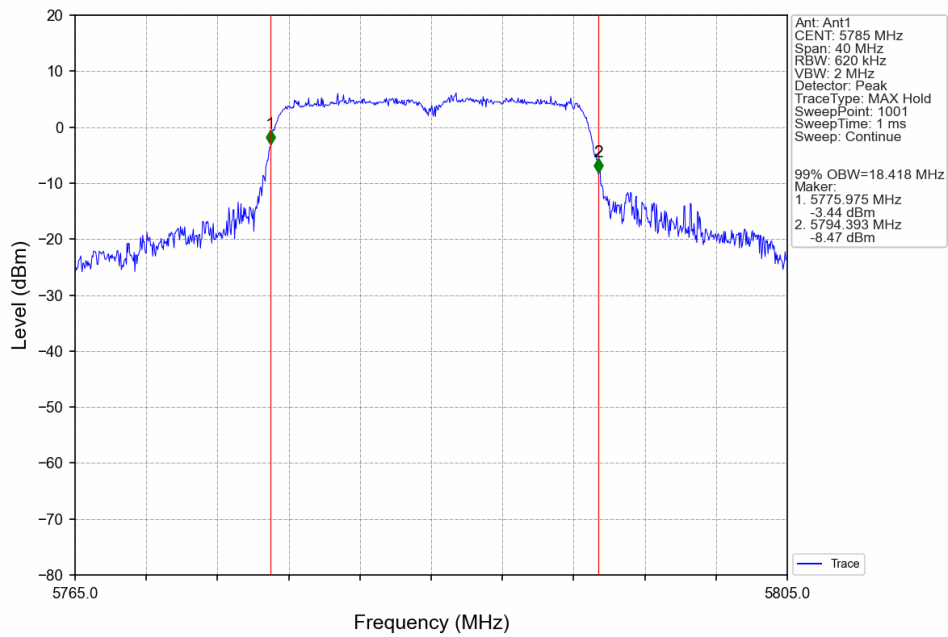
802.11n(HT40)_HCH_5795MHz_Ant1_NTV



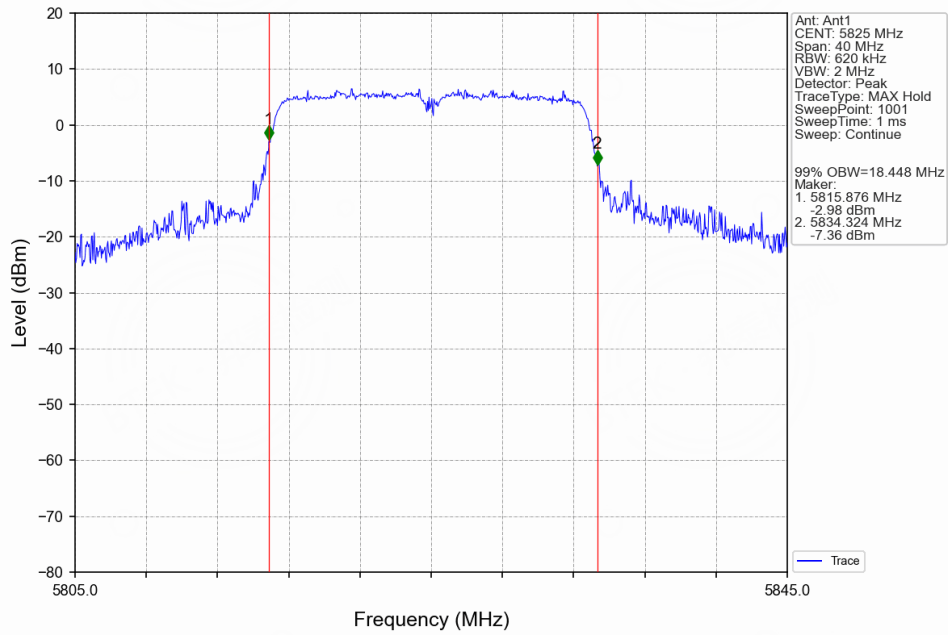
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



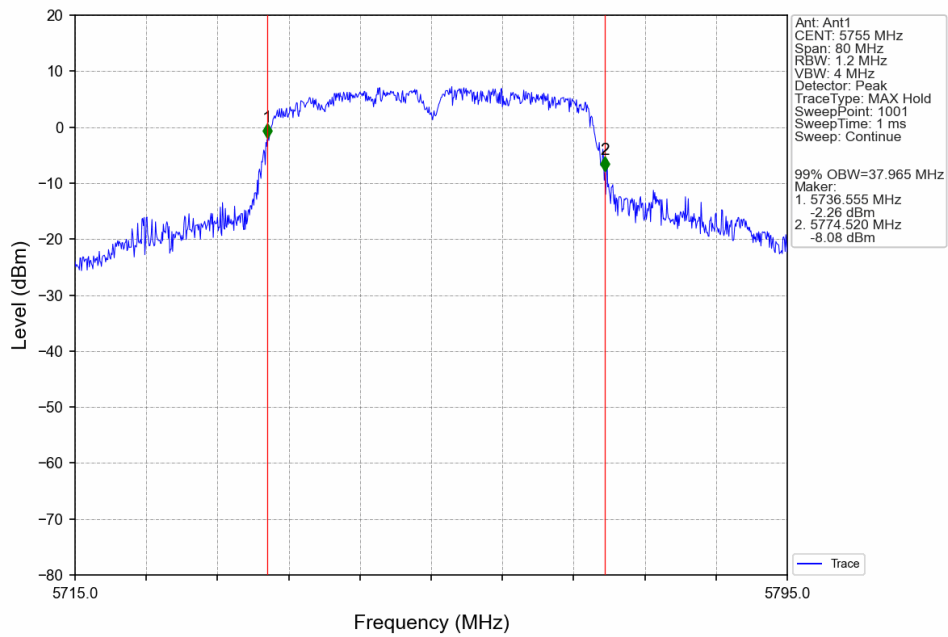
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



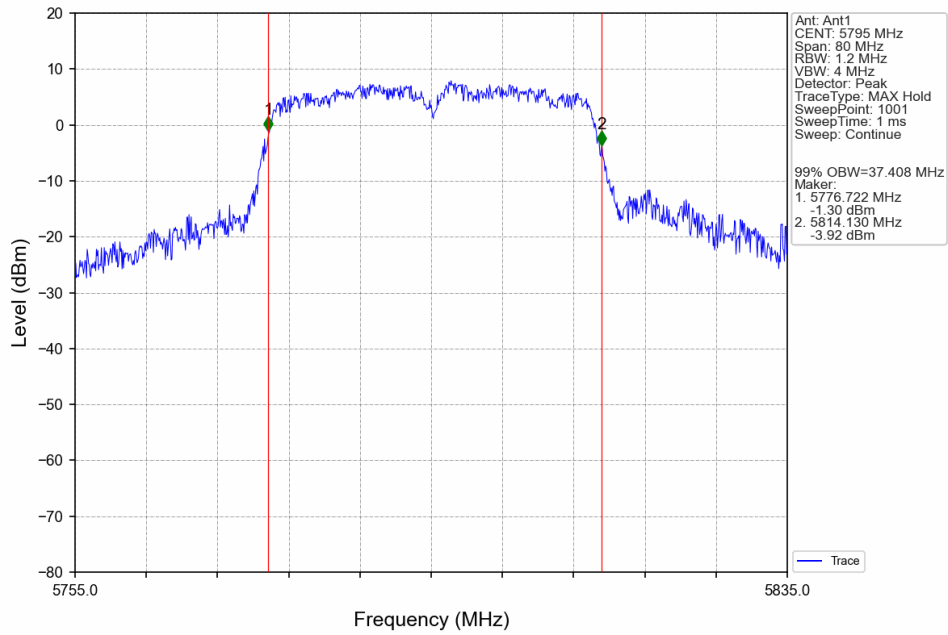
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



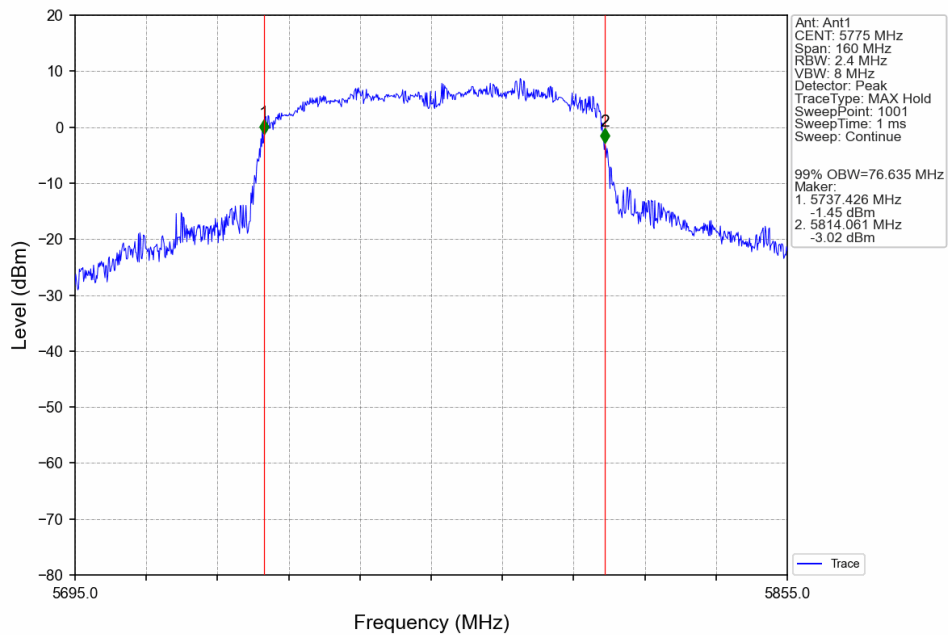
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTN



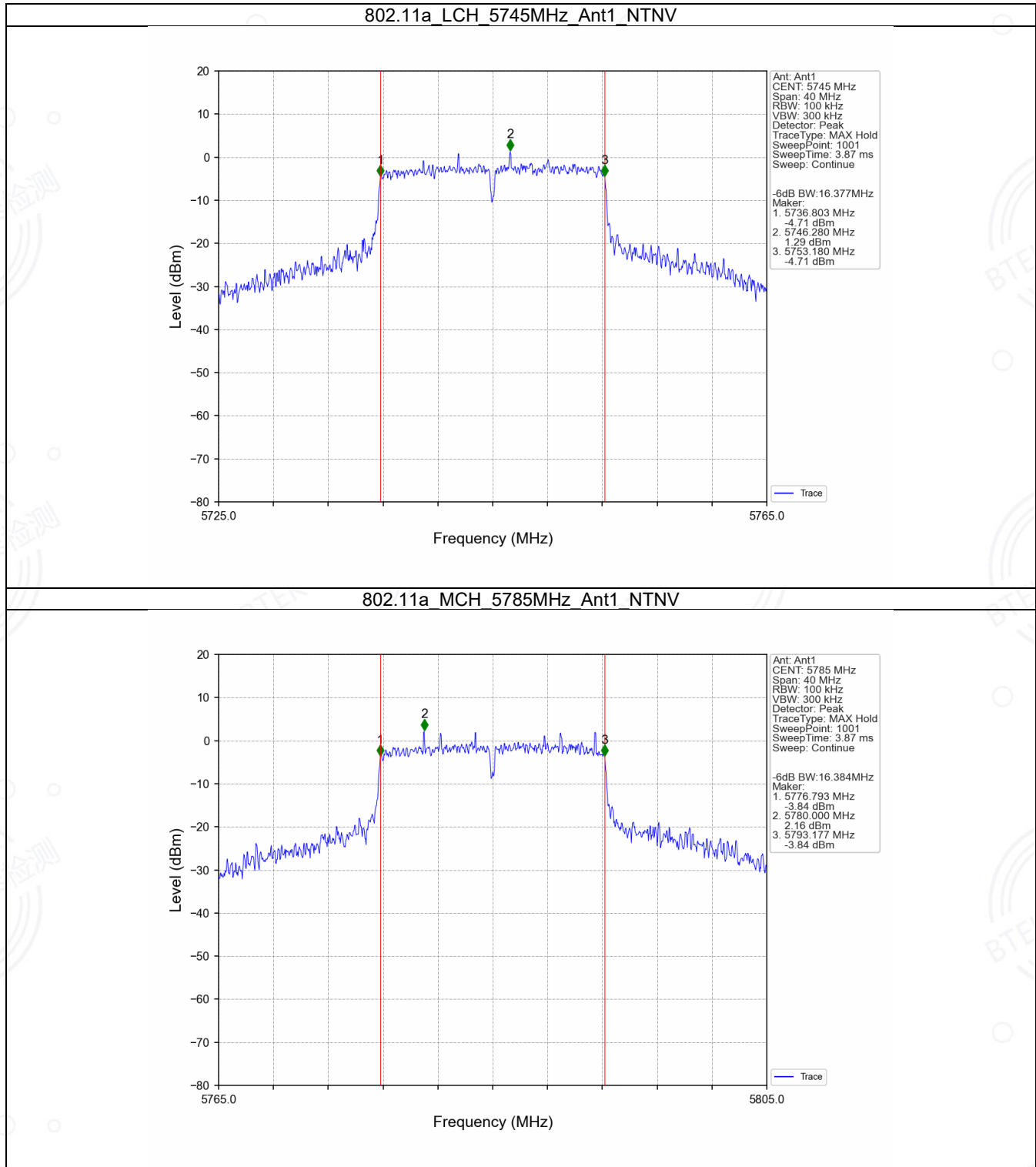
802.11ac(VHT40) HCH 5795MHz Ant1 NTV



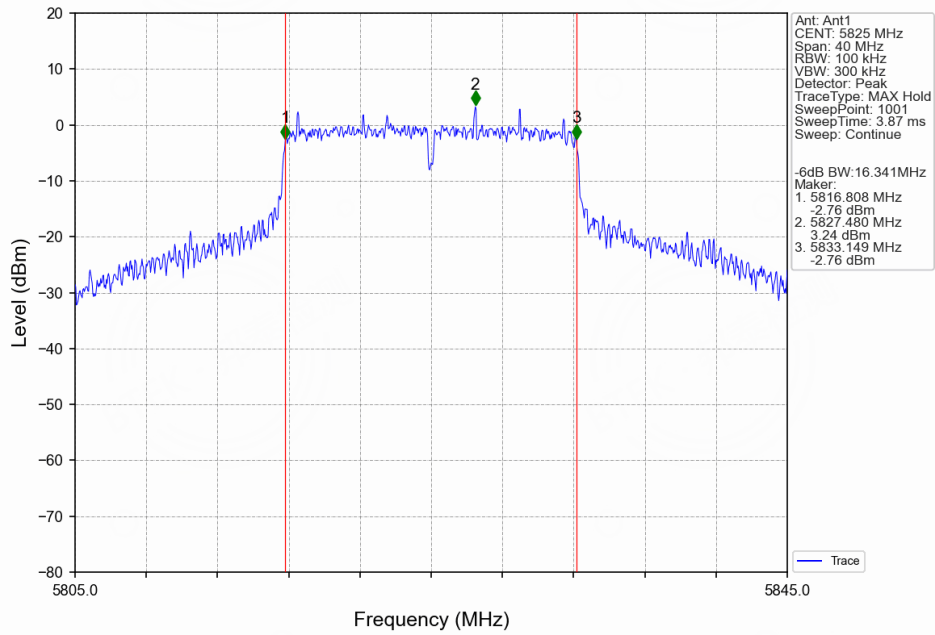
802.11ac(VHT80) MCH 5775MHz Ant1 NTV



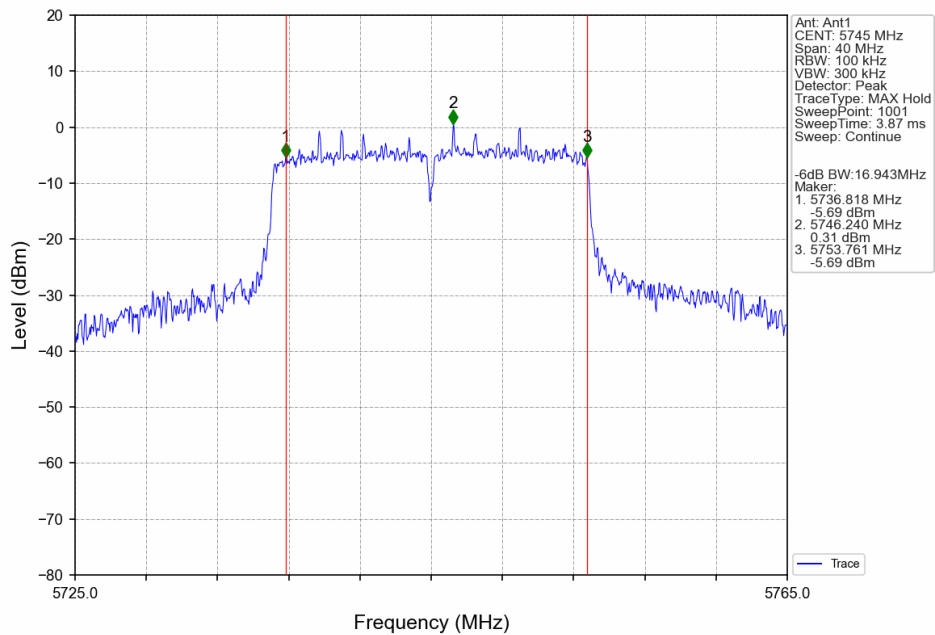
2.2.2 6dB BW



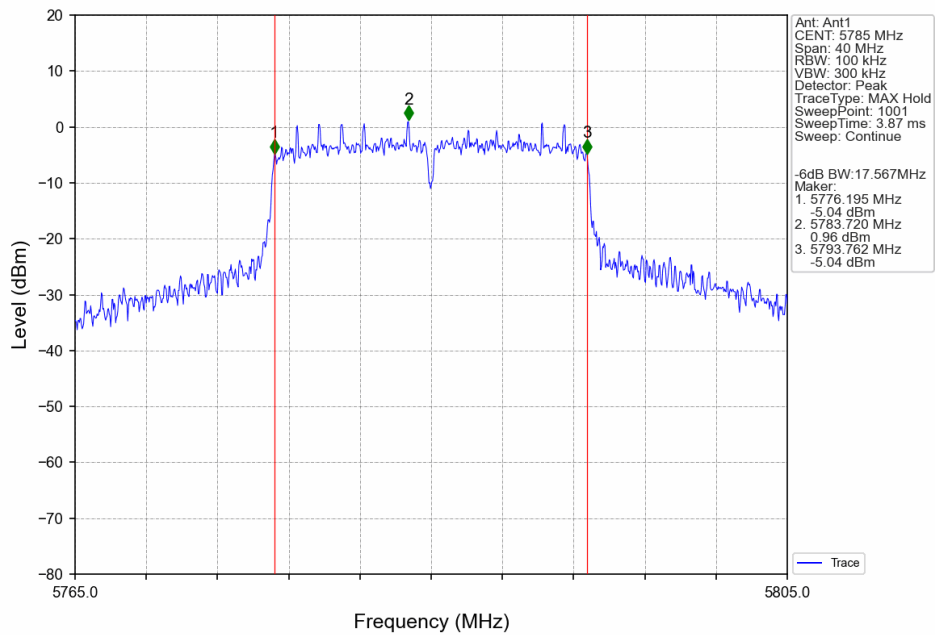
802.11a_HCH_5825MHz_Ant1_NTNV



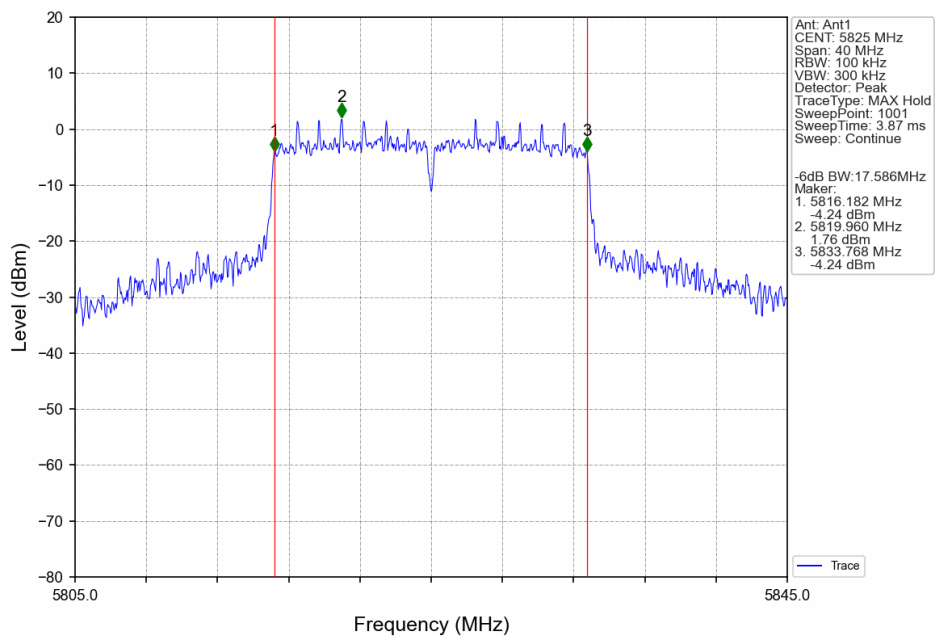
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



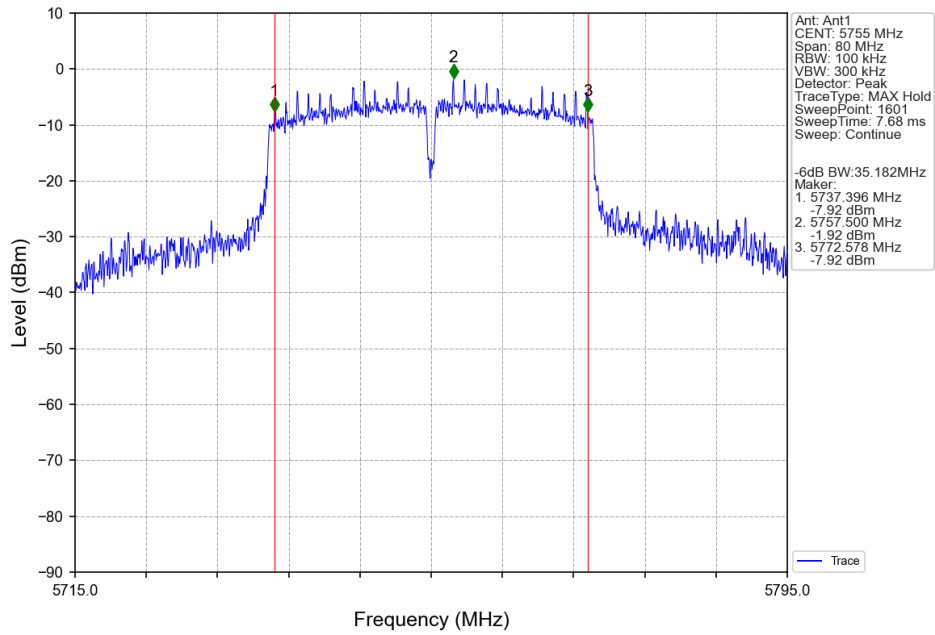
802.11n(HT20) MCH 5785MHz Ant1 NTN



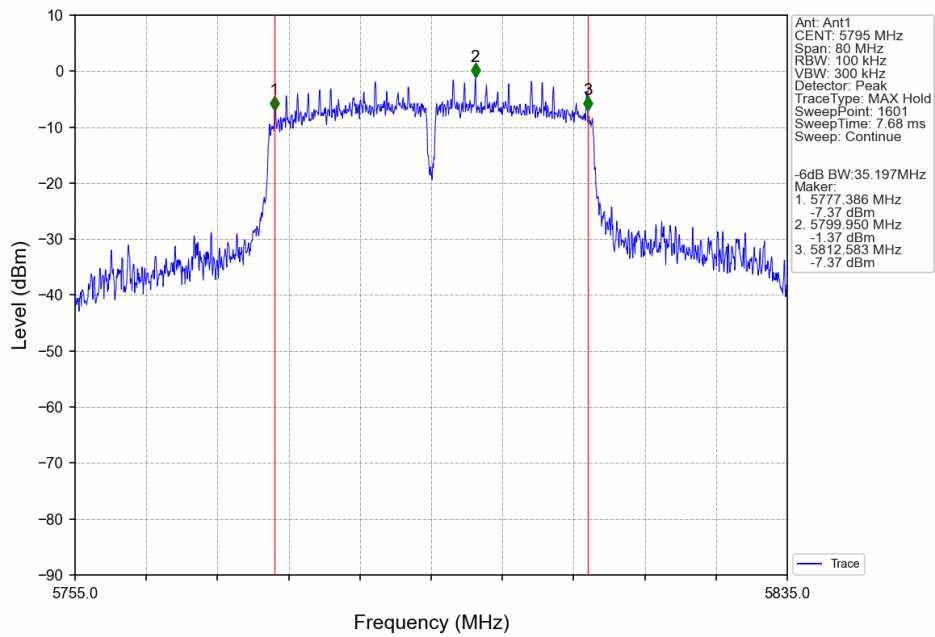
802.11n(HT20)_HCH_5825MHz_Ant1_NTN



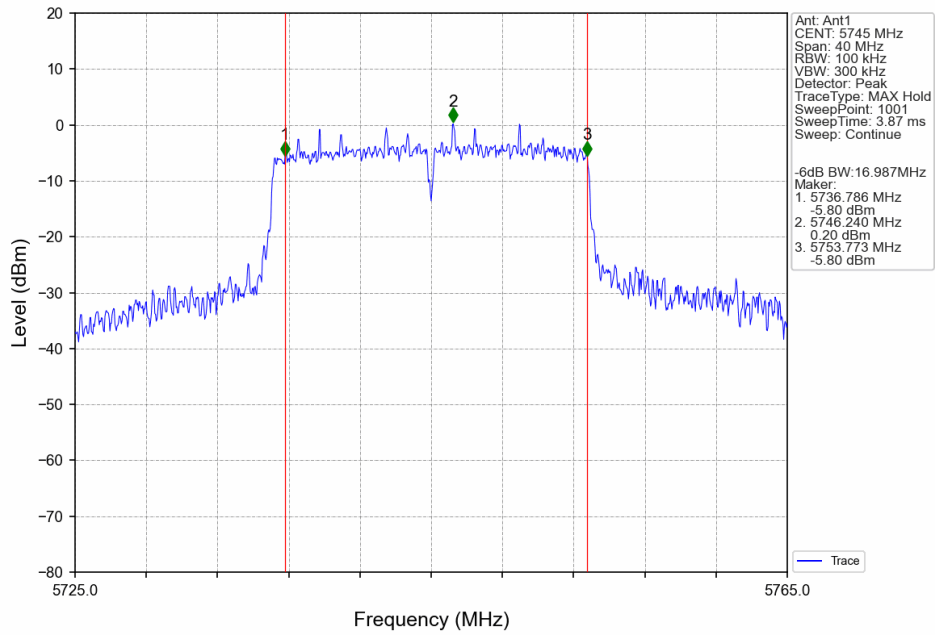
802.11n(HT40) LCH 5755MHz Ant1 NTN



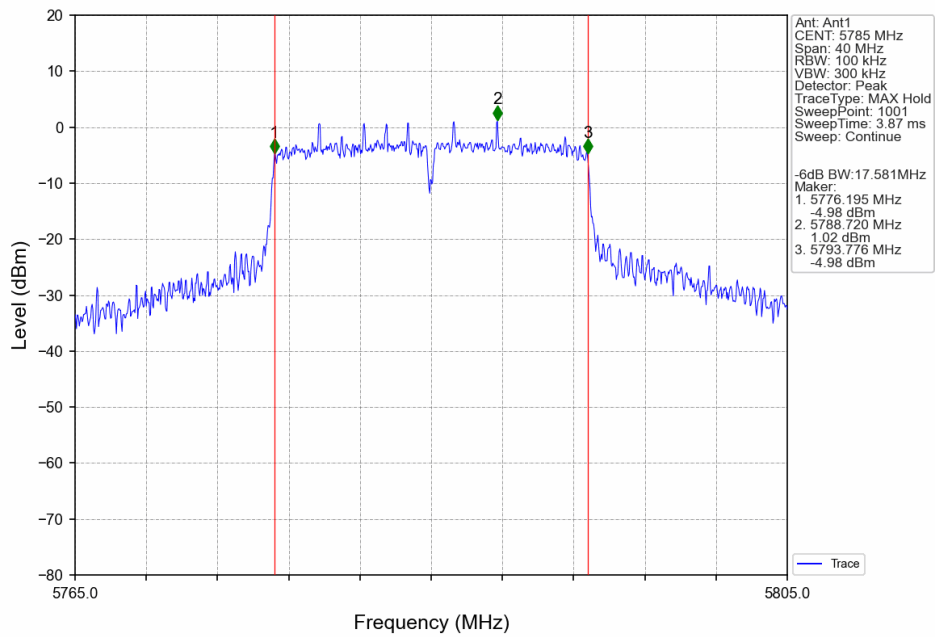
802.11n(HT40)_HCH 5795MHz Ant1 NTN



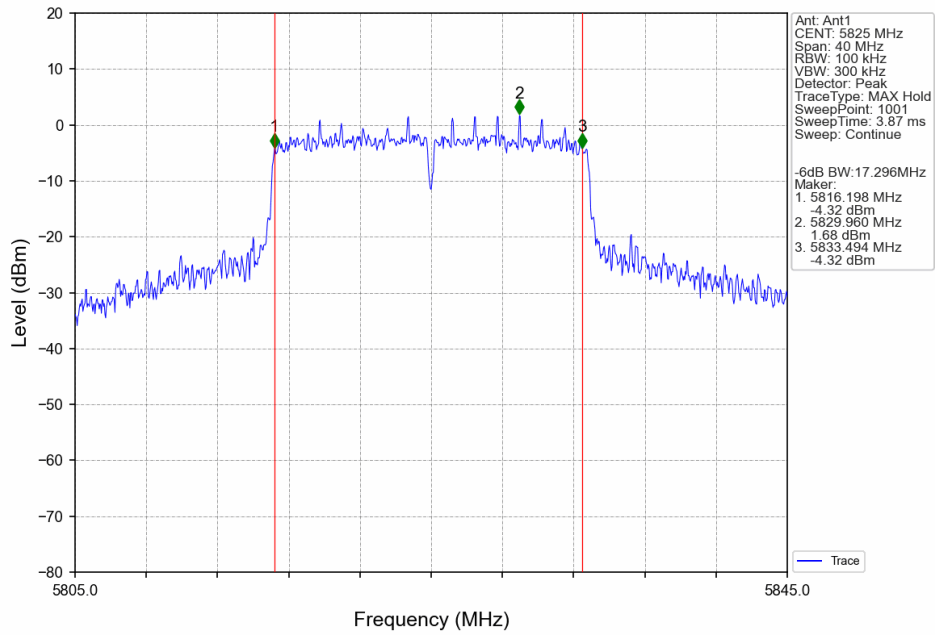
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



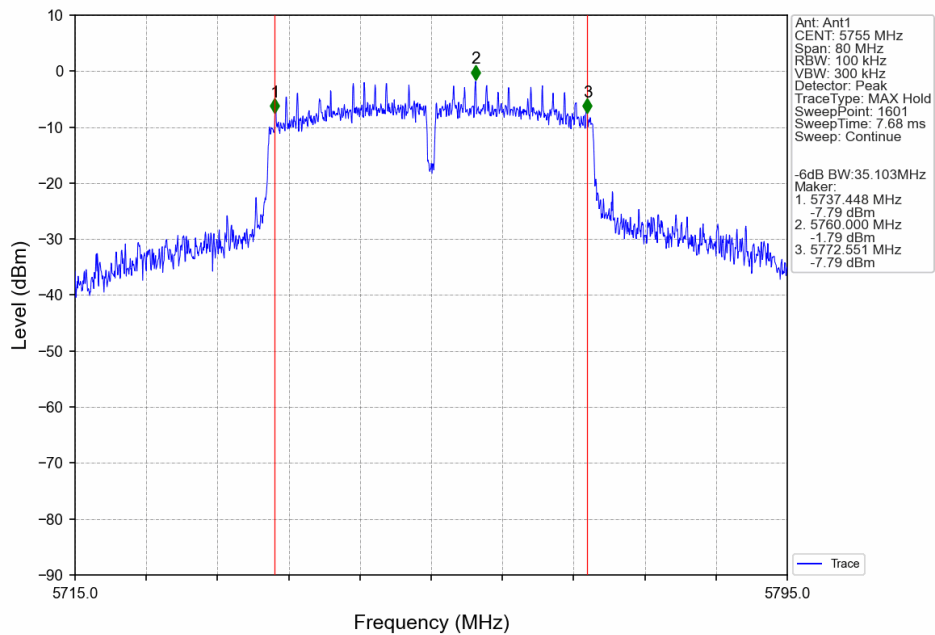
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



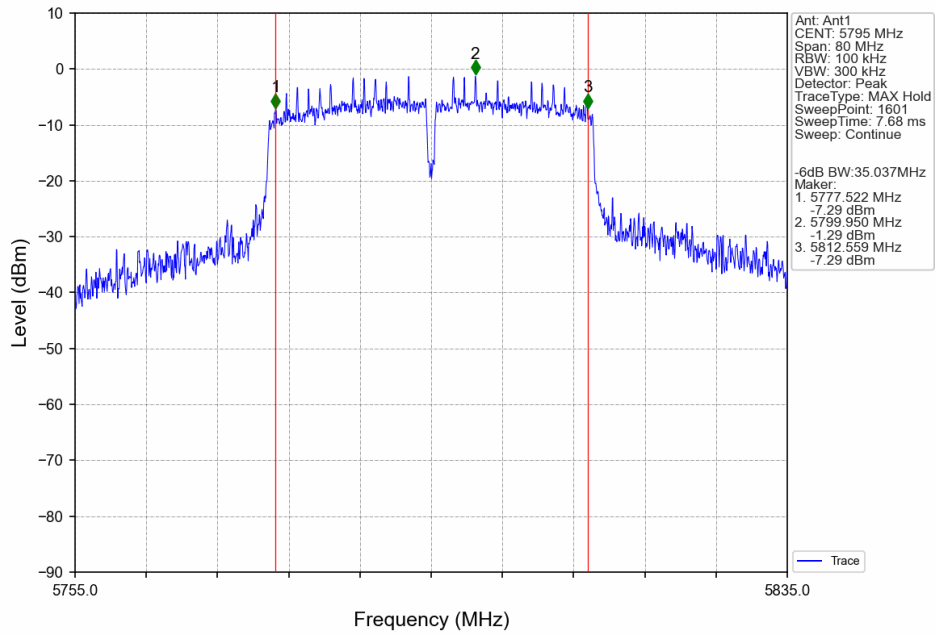
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



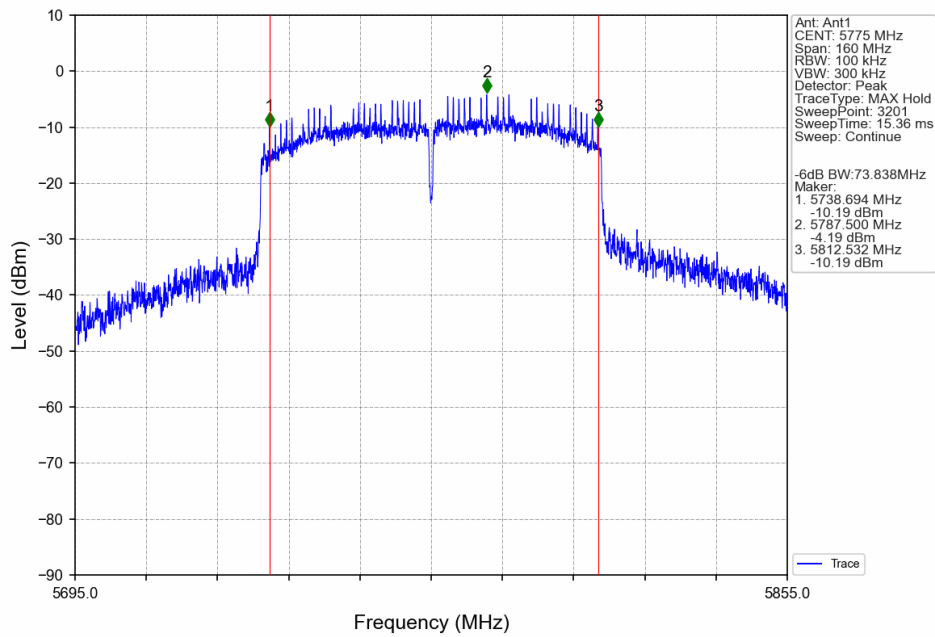
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTN



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)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	12.80	13.58	/	<=29.88	Pass
		5785	13.86	14.56	/	<=29.88	Pass
		5825	14.43	15.07	/	<=29.88	Pass
802.11n (HT20)	MIMO	5745	11.43	12.17	14.83	<=30	Pass
		5785	12.48	13.14	15.83	<=30	Pass
		5825	13.13	13.73	16.45	<=30	Pass
802.11n (HT40)	MIMO	5755	11.77	12.42	15.12	<=30	Pass
		5795	12.27	12.91	15.61	<=30	Pass
802.11ac (VHT20)	MIMO	5745	11.50	12.24	14.90	<=30	Pass
		5785	12.55	13.21	15.90	<=30	Pass
		5825	12.98	13.65	16.34	<=30	Pass
802.11ac (VHT40)	MIMO	5755	11.85	12.50	15.20	<=30	Pass
		5795	12.38	12.98	15.70	<=30	Pass
802.11ac (VHT80)	MIMO	5775	12.02	12.46	15.26	<=30	Pass

Note1: Antenna Gain: Ant1: 3.10dBi; Ant2: 6.12dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD-Band3

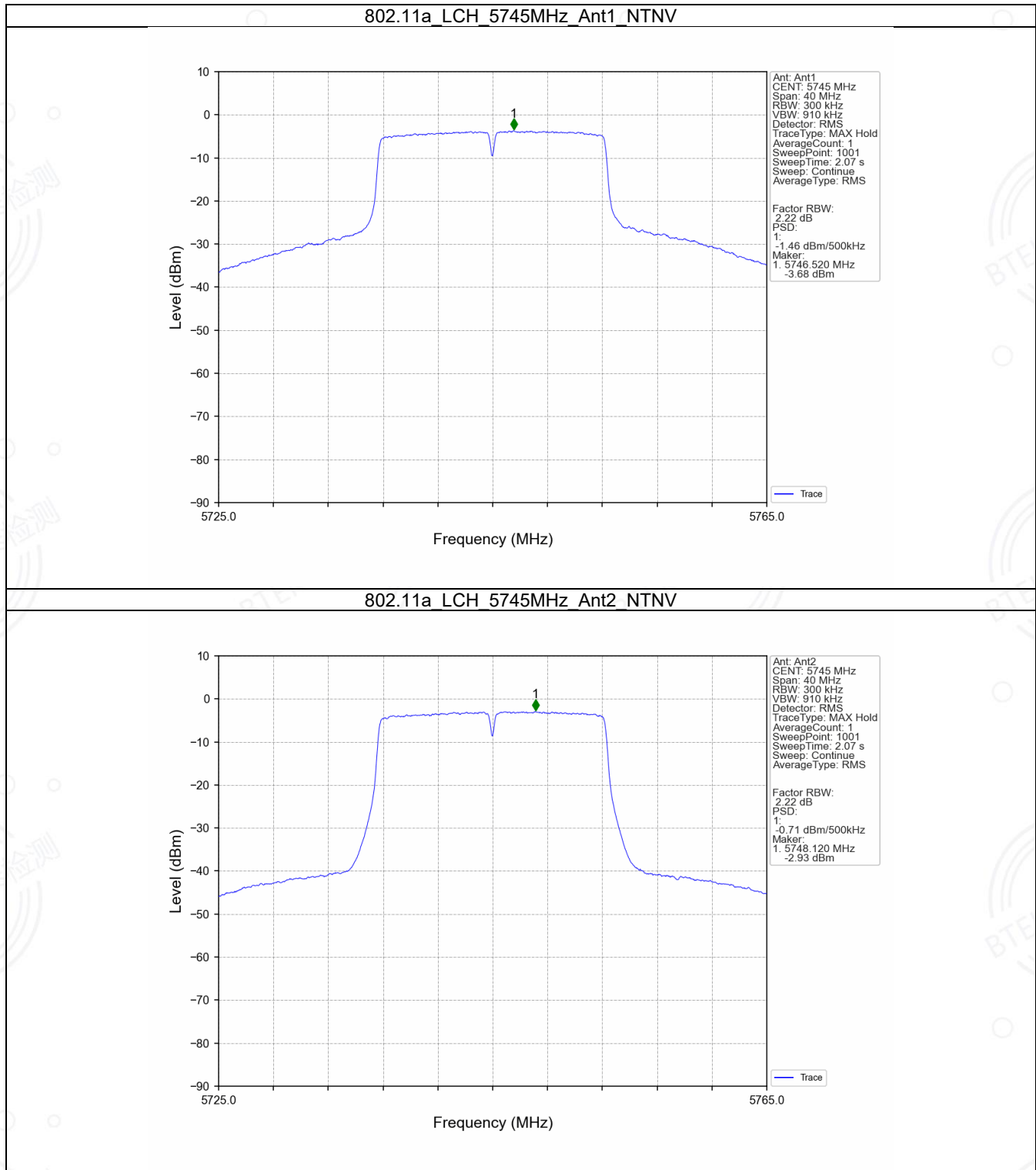
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	-1.46	-0.71	/	<=29.88	Pass
		5785	-0.39	0.35	/	<=29.88	Pass
		5825	0.11	0.74	/	<=29.88	Pass
802.11n (HT20)	MIMO	5745	-2.92	-2.15	0.42	<=30	Pass
		5785	-1.96	-1.37	1.31	<=30	Pass
		5825	-1.32	-0.76	1.97	<=30	Pass
802.11n (HT40)	MIMO	5755	-5.20	-4.42	-1.89	<=30	Pass
		5795	-4.87	-3.98	-1.39	<=30	Pass
802.11ac (VHT20)	MIMO	5745	-3.02	-2.23	0.35	<=30	Pass
		5785	-1.85	-1.31	1.36	<=30	Pass
		5825	-1.43	-0.93	1.77	<=30	Pass
802.11ac (VHT40)	MIMO	5755	-5.15	-4.23	-1.75	<=30	Pass
		5795	-4.46	-3.89	-1.26	<=30	Pass
802.11ac (VHT80)	MIMO	5775	-7.50	-6.99	-4.31	<=30	Pass

Note1: Antenna Gain: Ant1: 3.10dBi; Ant2: 6.12dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

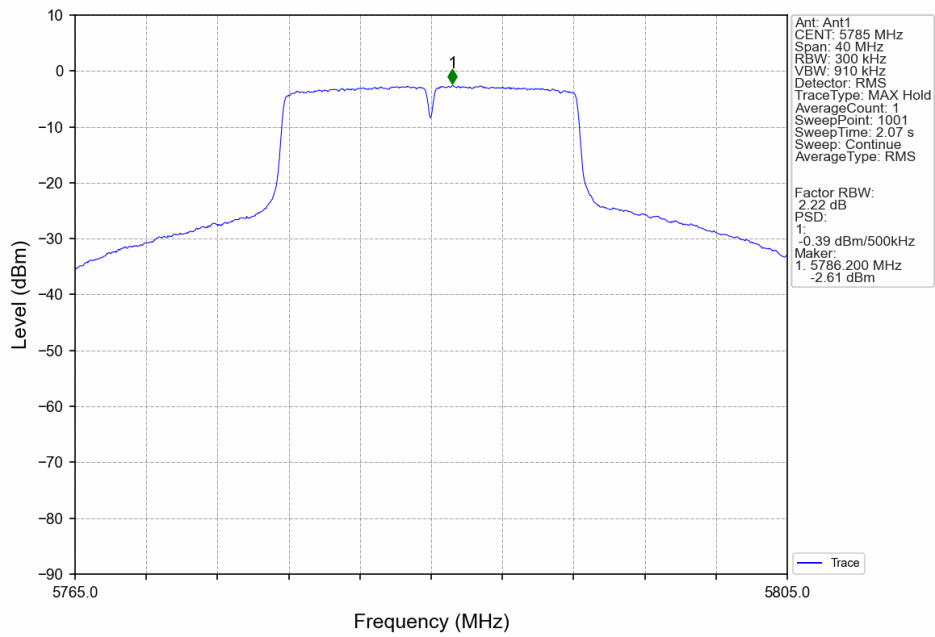


4.2 Test Graph

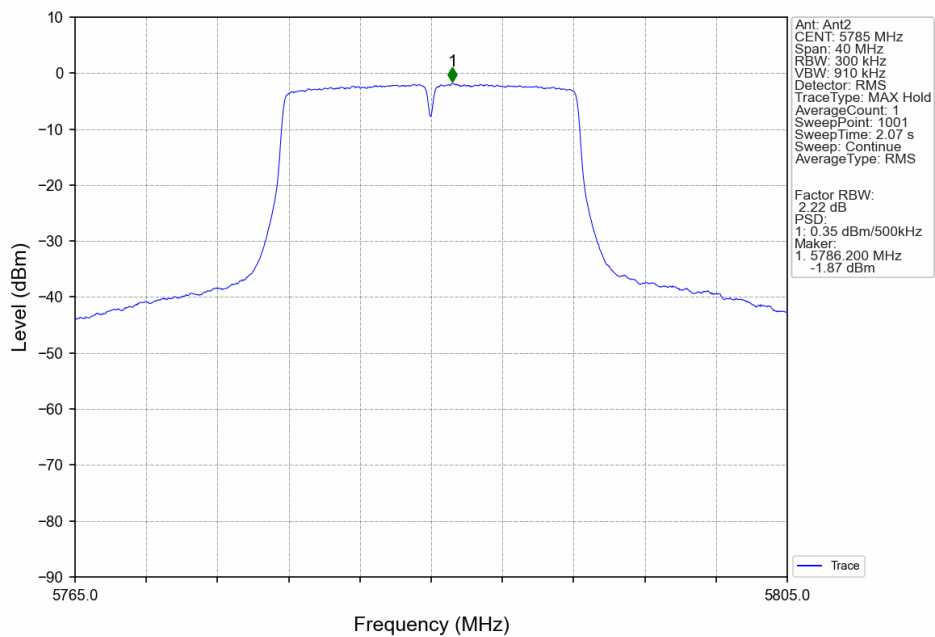
4.2.1 PSD-Band3



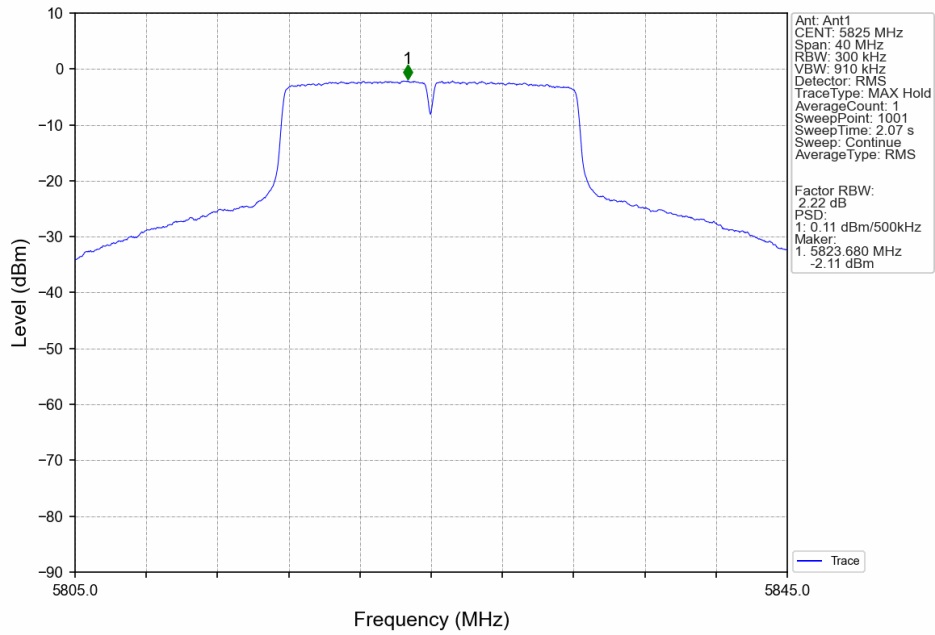
802.11a_MCH_5785MHz_Ant1_NTNV



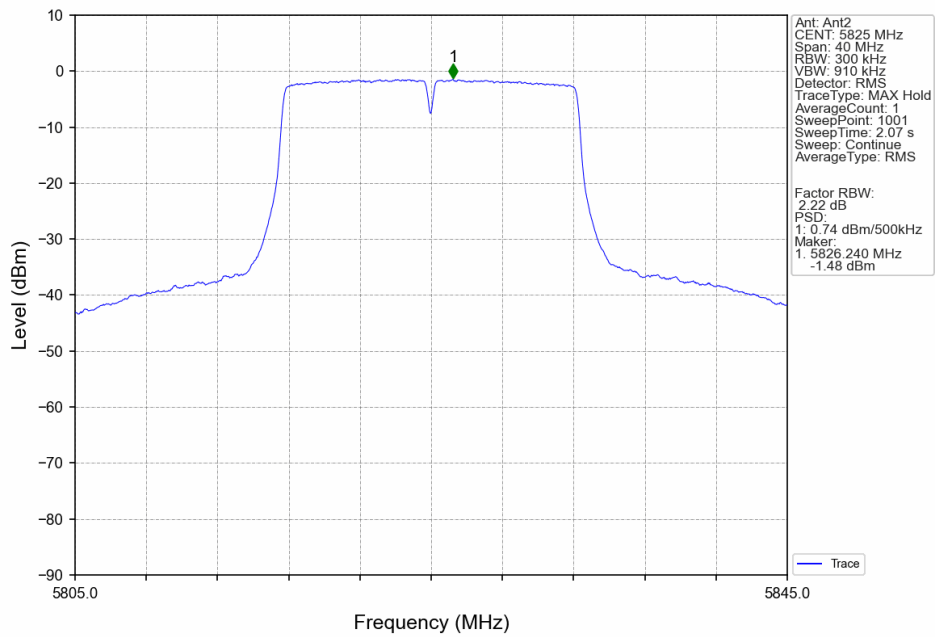
802.11a_MCH_5785MHz_Ant2_NTNV



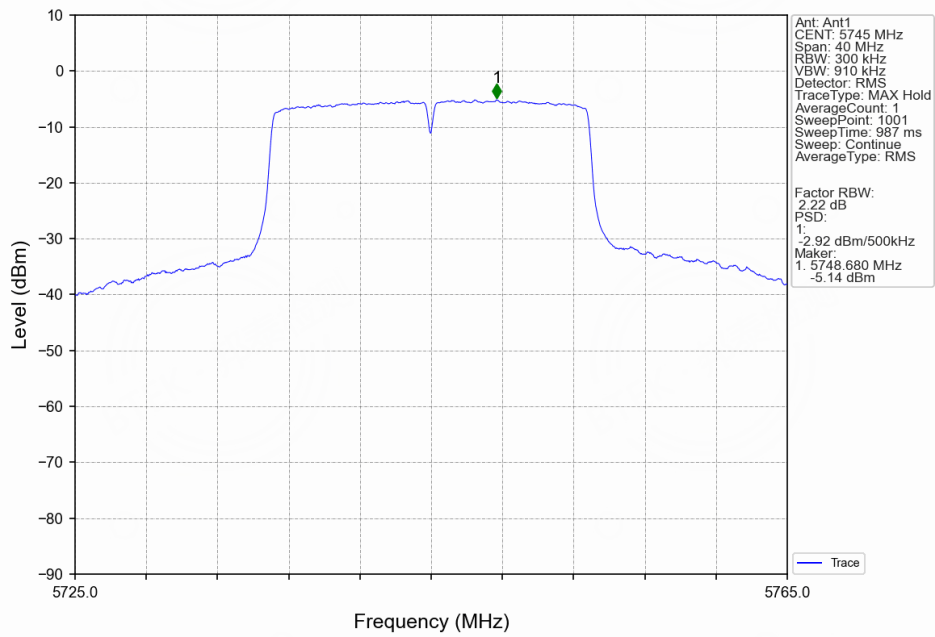
802.11a_HCH_5825MHz_Ant1_NTNV



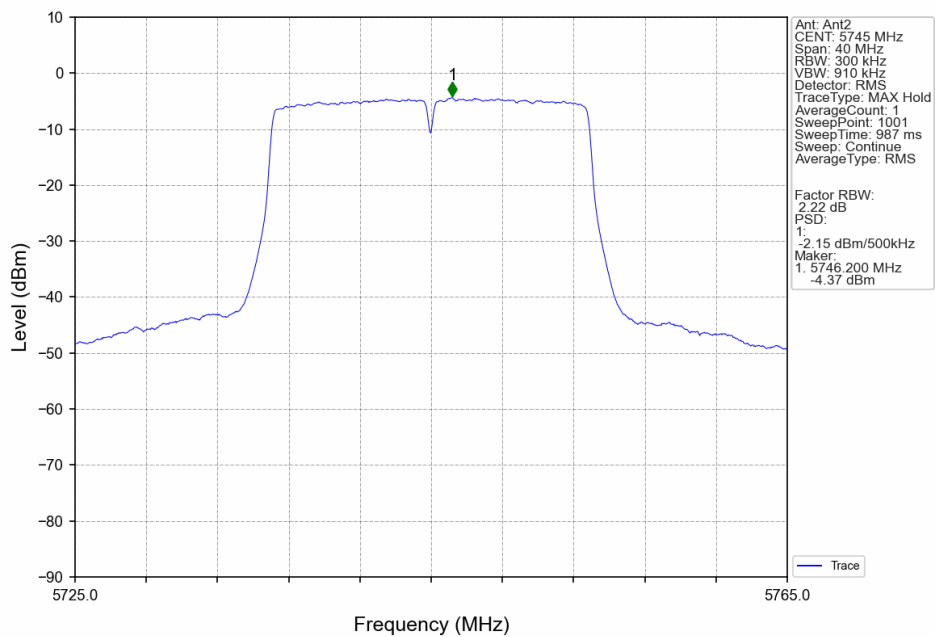
802.11a_HCH_5825MHz_Ant2_NTNV



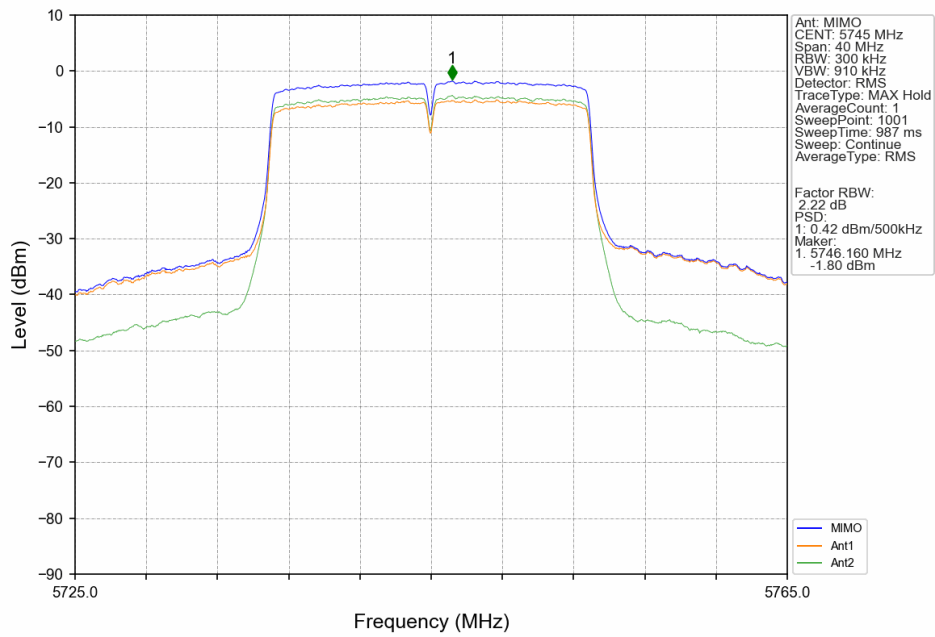
802.11n(HT20) LCH 5745MHz Ant1 NTN



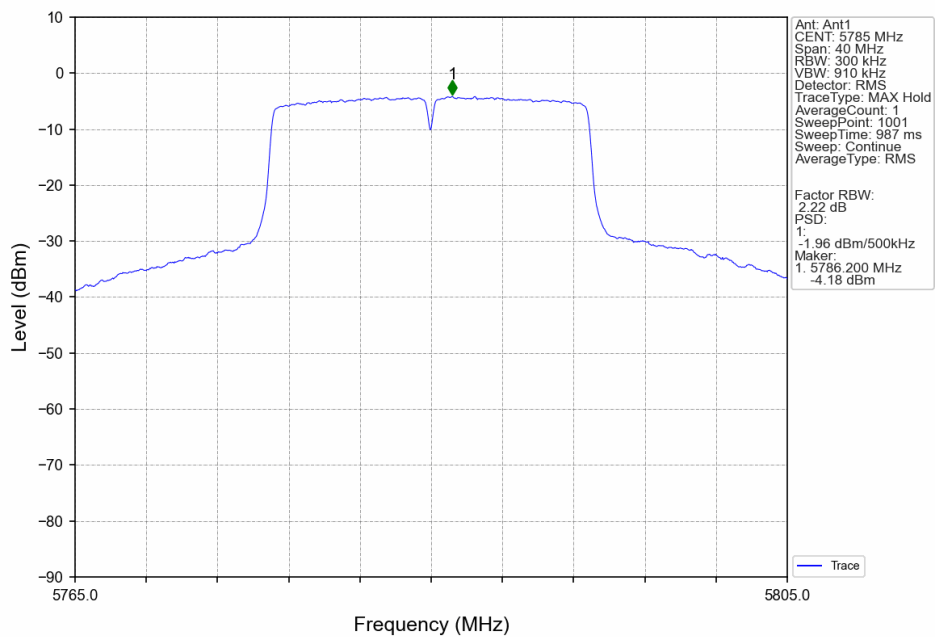
802.11n(HT20) LCH 5745MHz Ant2 NTN



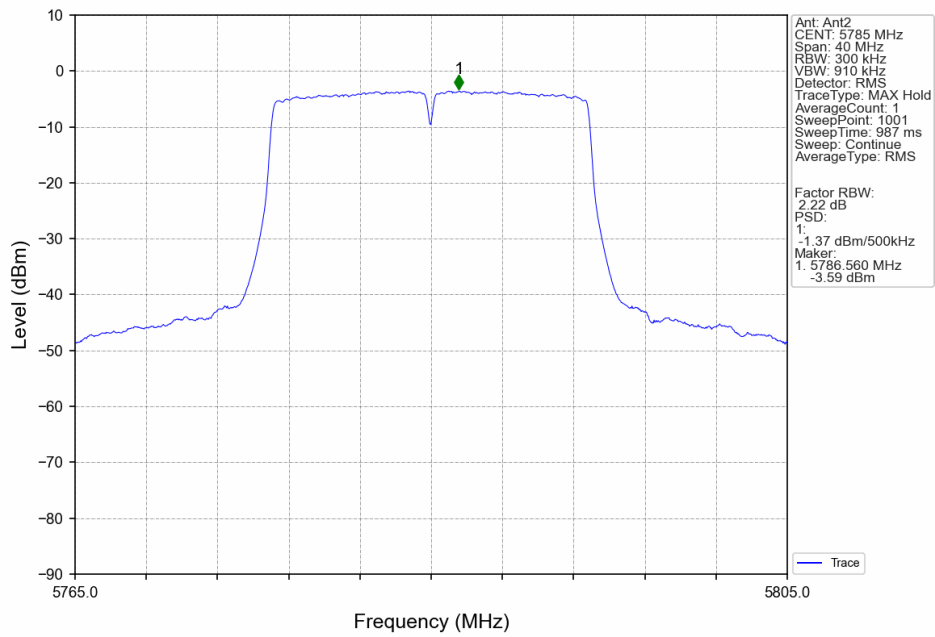
802.11n(HT20) LCH 5745MHz MIMO NTN



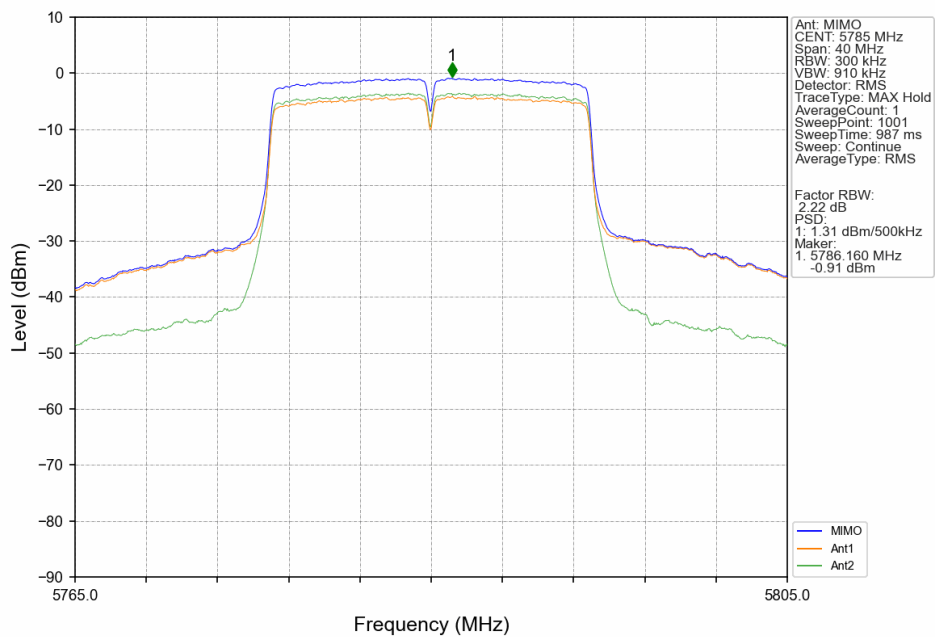
802.11n(HT20) MCH 5785MHz Ant1 NTN



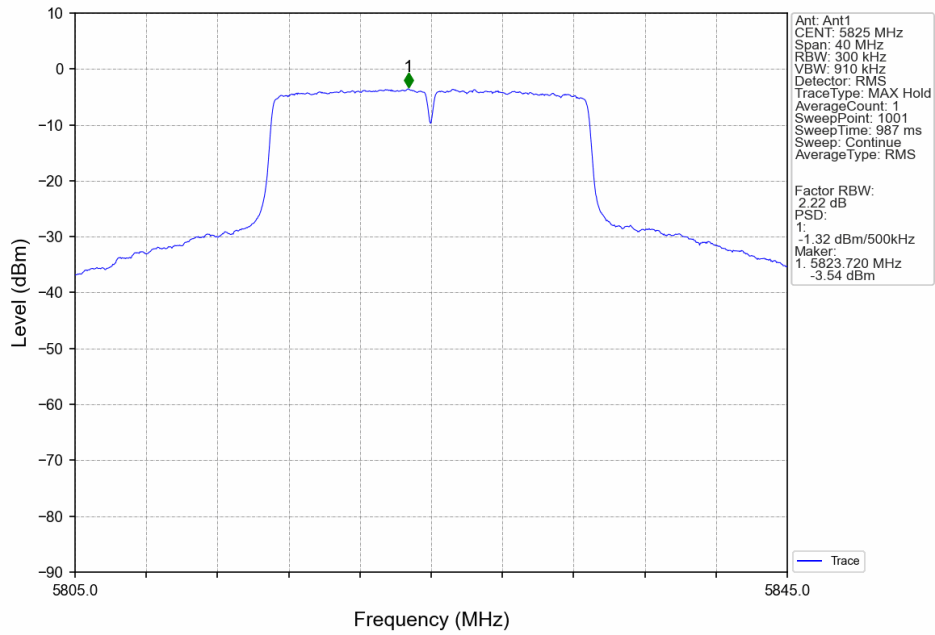
802.11n(HT20) MCH 5785MHz Ant2 NTN



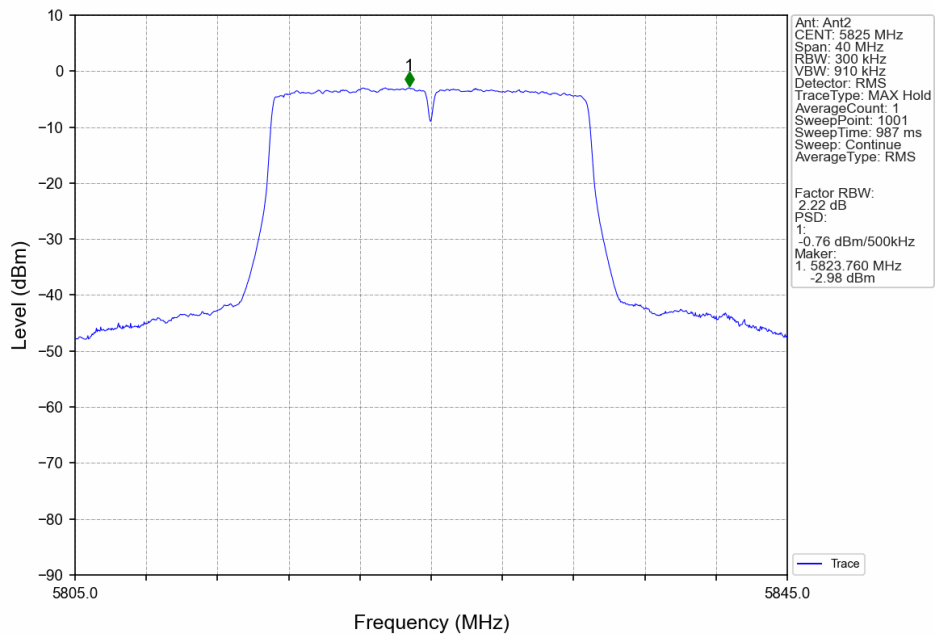
802.11n(HT20) MCH 5785MHz MIMO NTN



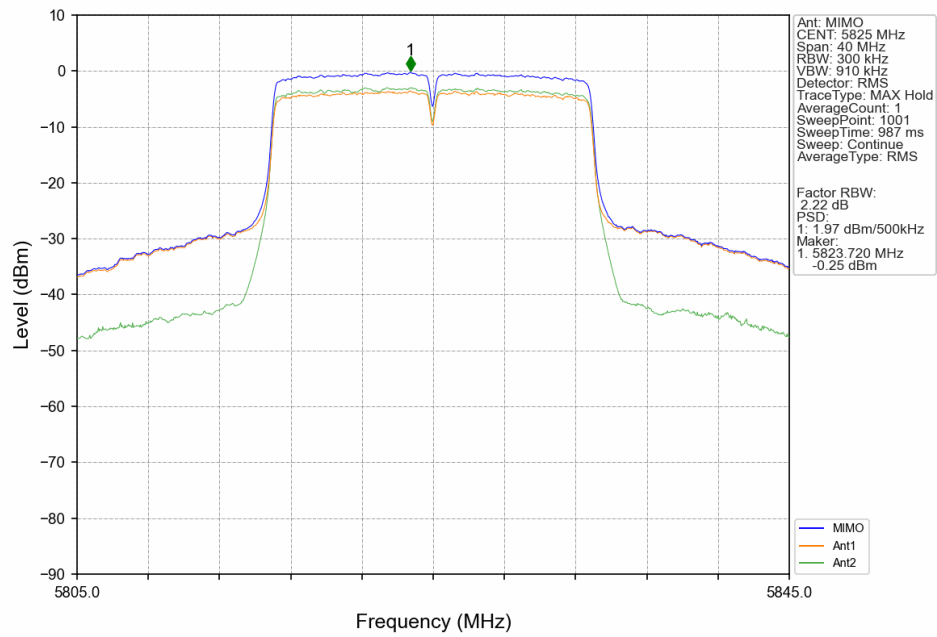
802.11n(HT20) HCH 5825MHz Ant1 NTN



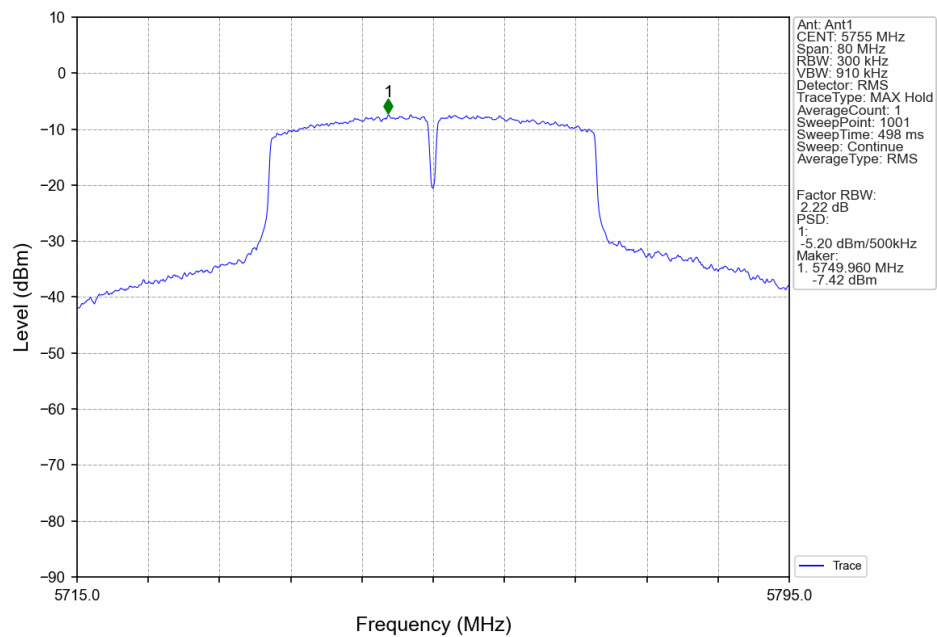
802.11n(HT20)_HCH_5825MHz_Ant2 NTN



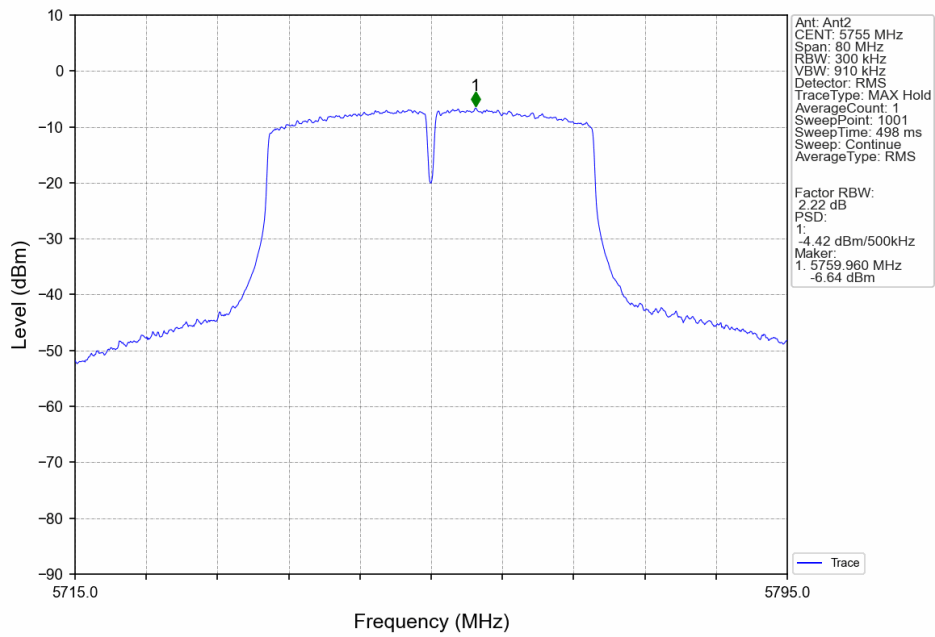
802.11n(HT20) HCH 5825MHz MIMO NTN



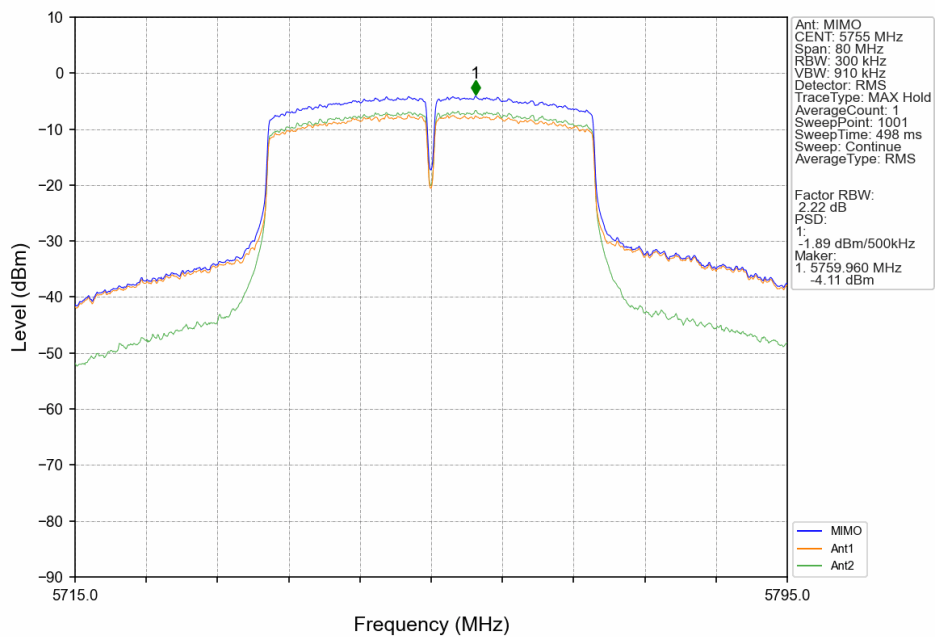
802.11n(HT40) LCH 5755MHz Ant1 NTN



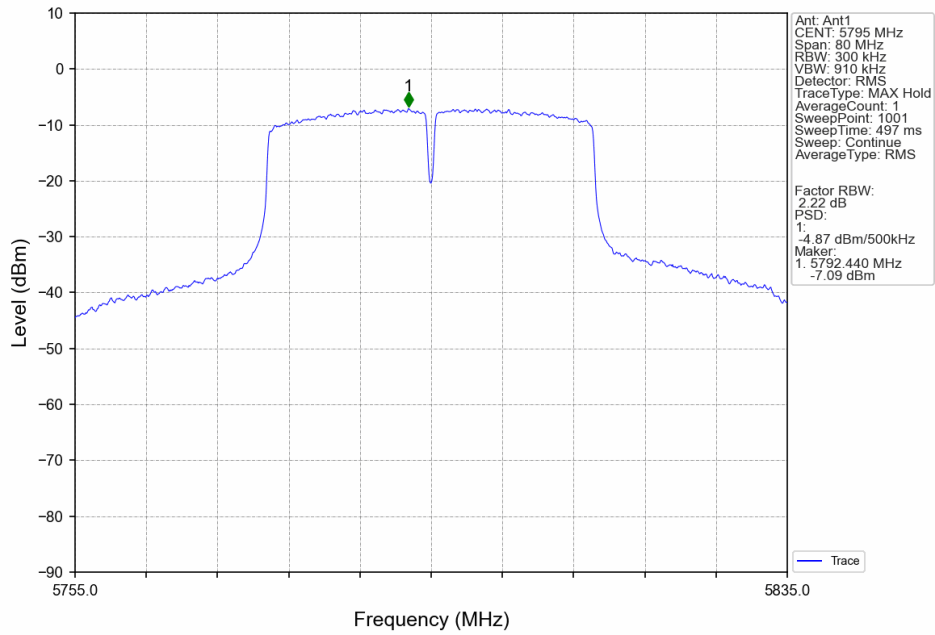
802.11n(HT40) LCH 5755MHz Ant2 NTN



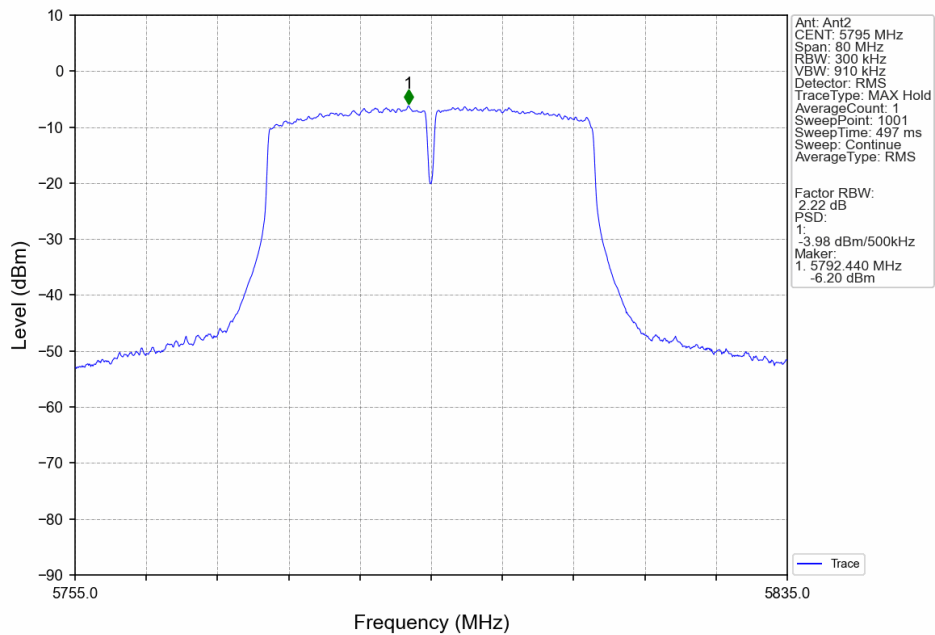
802.11n(HT40) LCH 5755MHz MIMO NTN



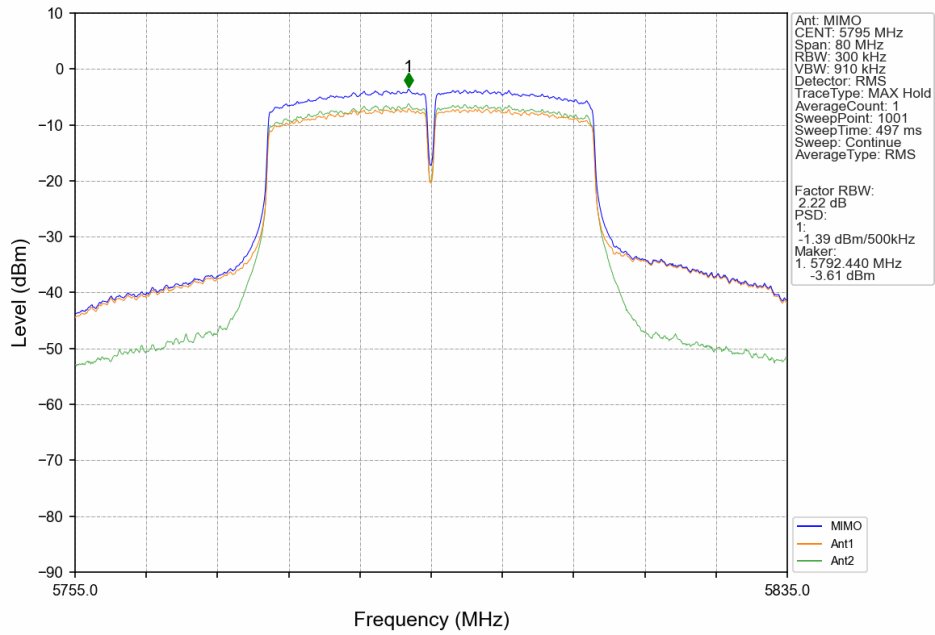
802.11n(HT40) HCH 5795MHz Ant1 NTV



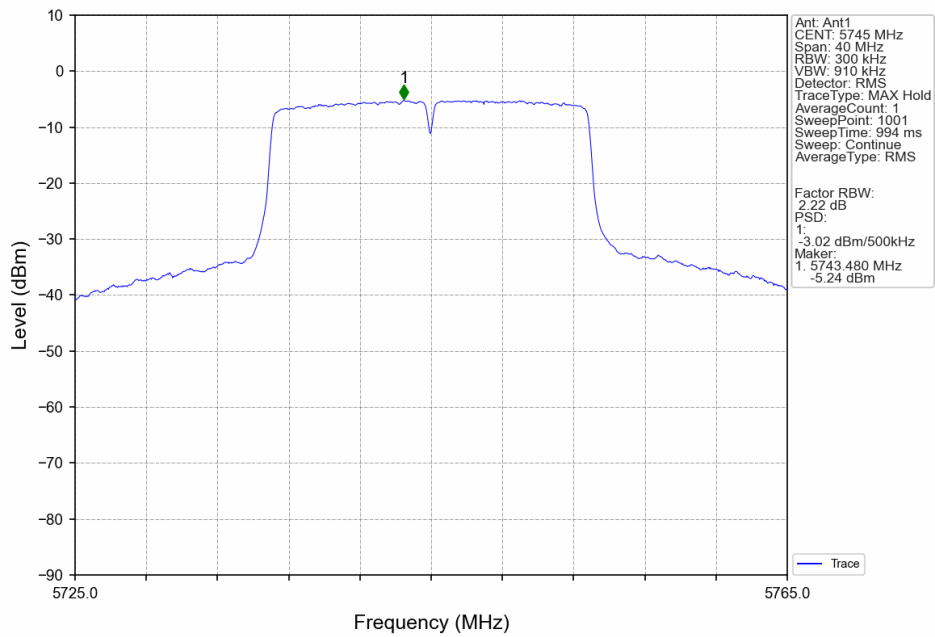
802.11n(HT40)_HCH_5795MHz_Ant2_NTV



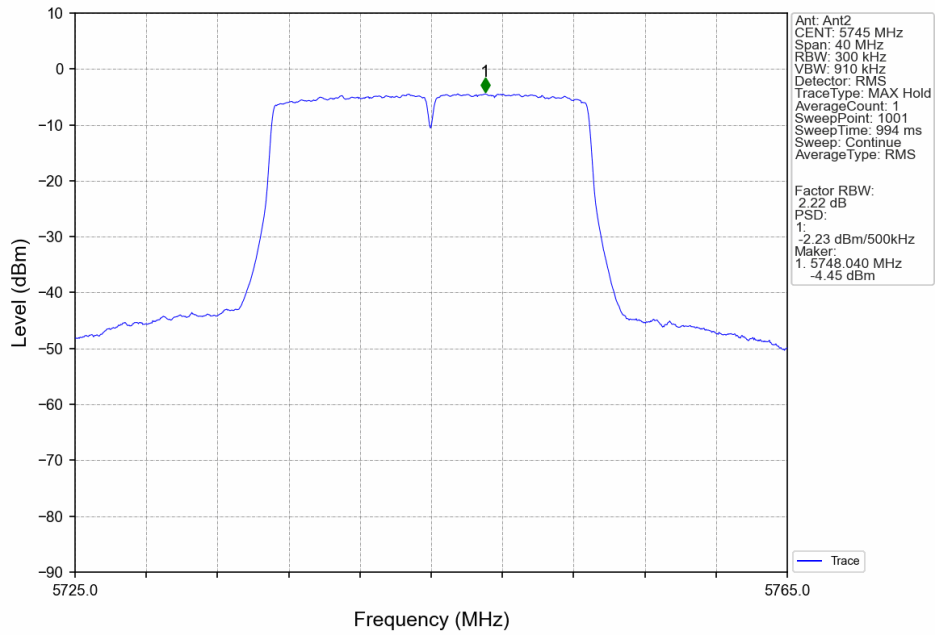
802.11n(HT40) HCH 5795MHz MIMO NTN



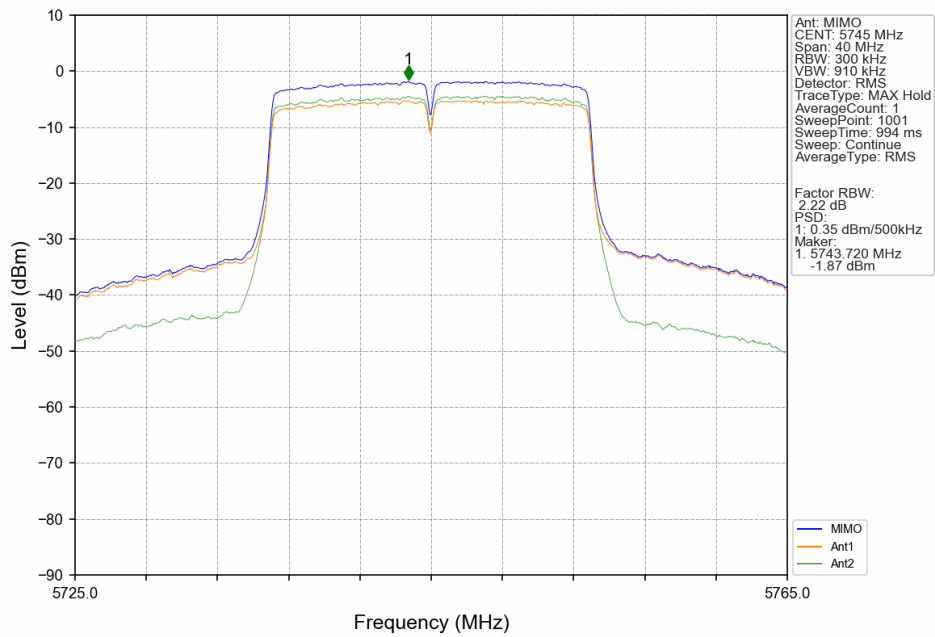
802.11ac(VHT20) LCH 5745MHz_Ant1 NTN



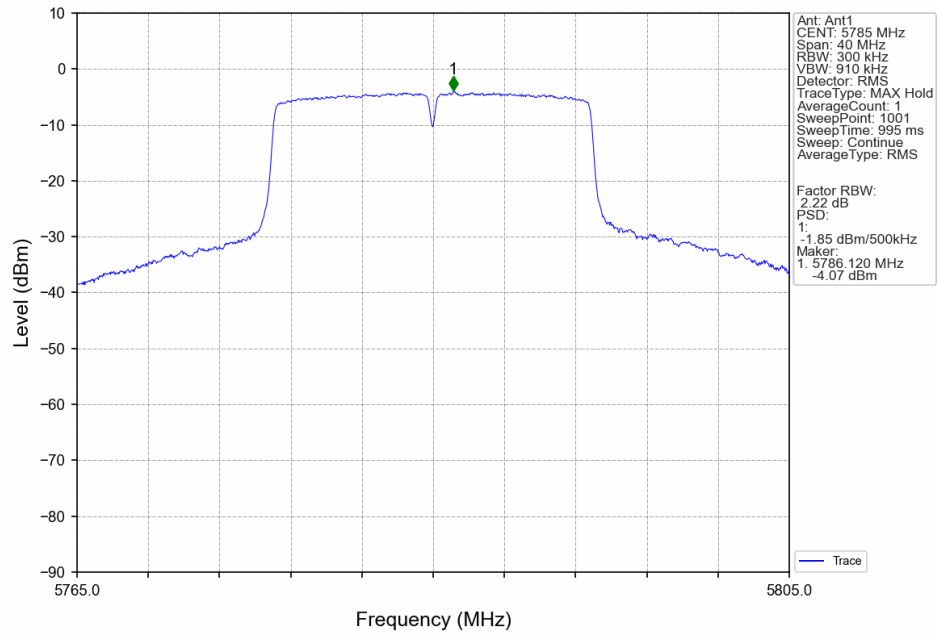
802.11ac(VHT20) LCH 5745MHz Ant2 NTN



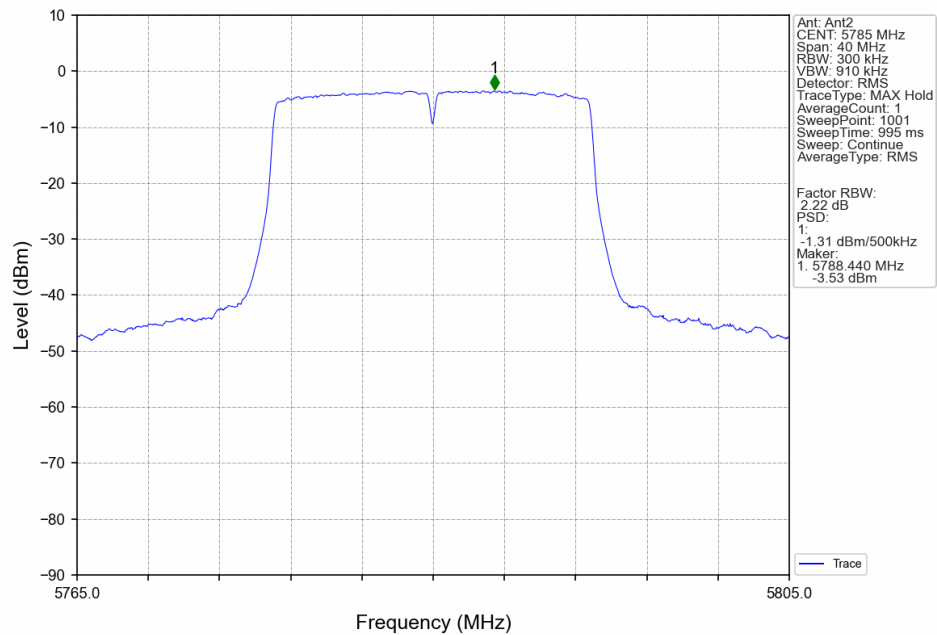
802.11ac(VHT20) LCH 5745MHz MIMO NTN



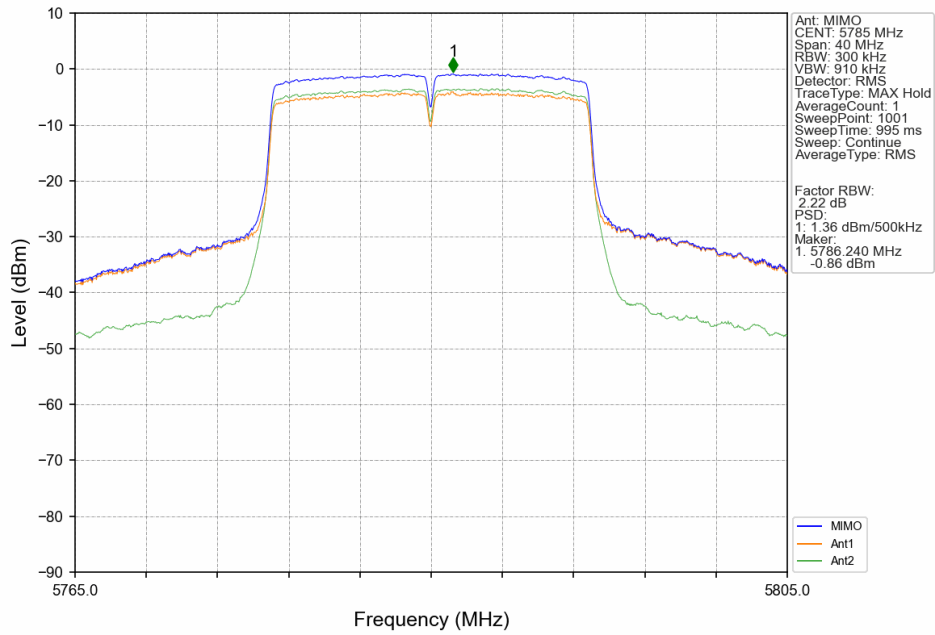
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



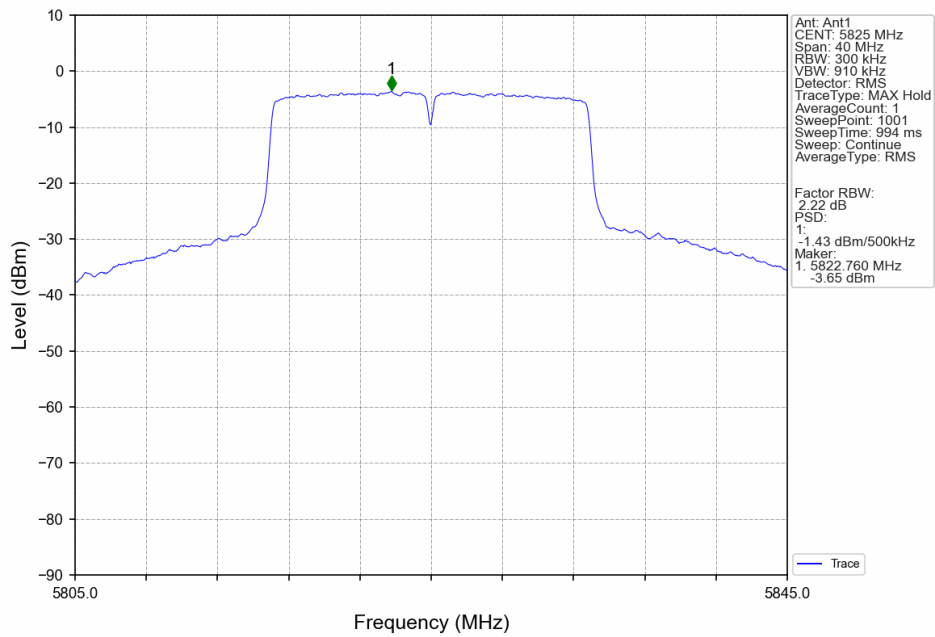
802.11ac(VHT20) MCH 5785MHz Ant2 NTN



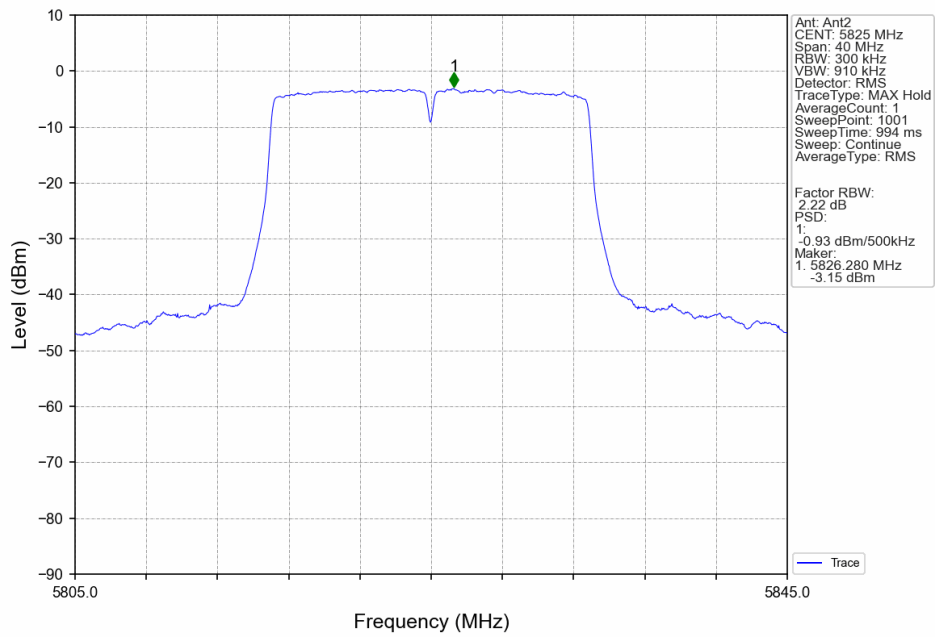
802.11ac(VHT20) MCH 5785MHz MIMO NTN



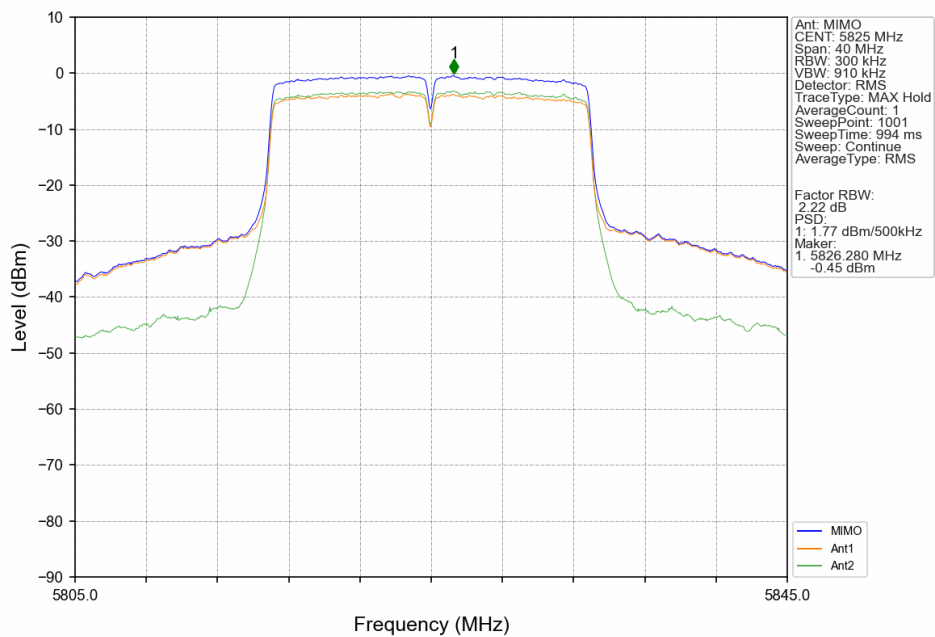
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



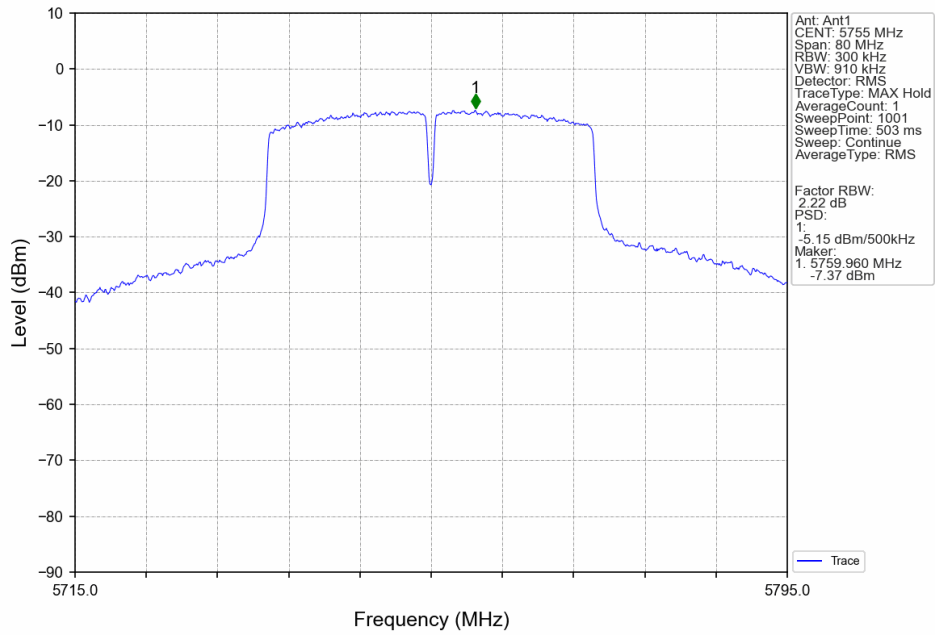
802.11ac(VHT20) HCH 5825MHz Ant2 NTN



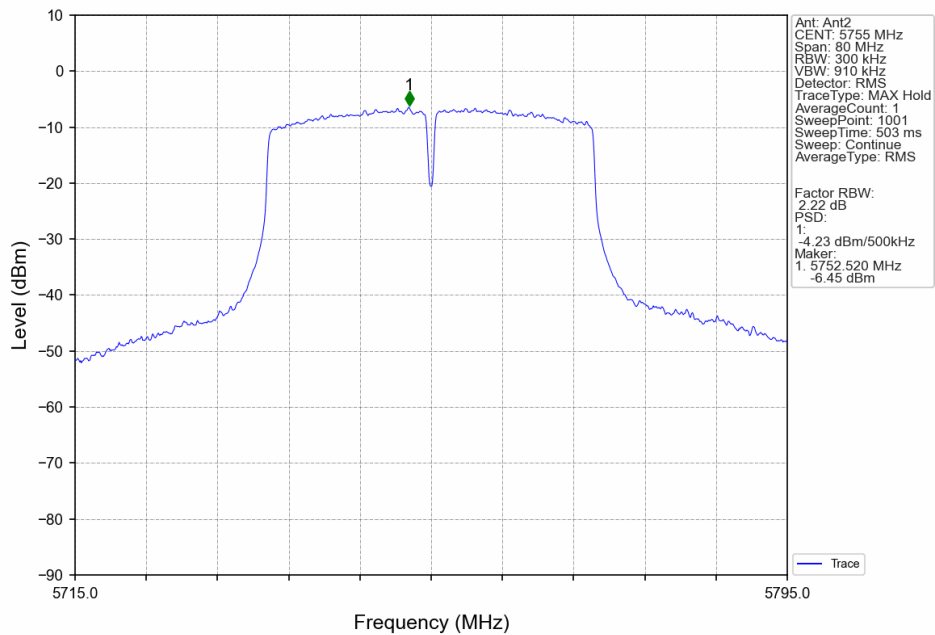
802.11ac(VHT20) HCH 5825MHz MIMO NTN



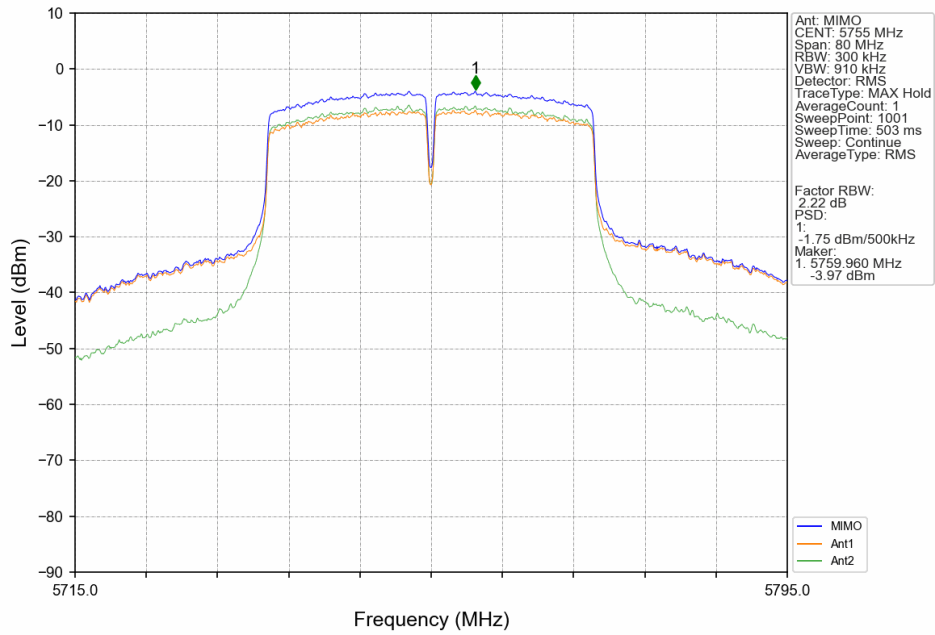
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



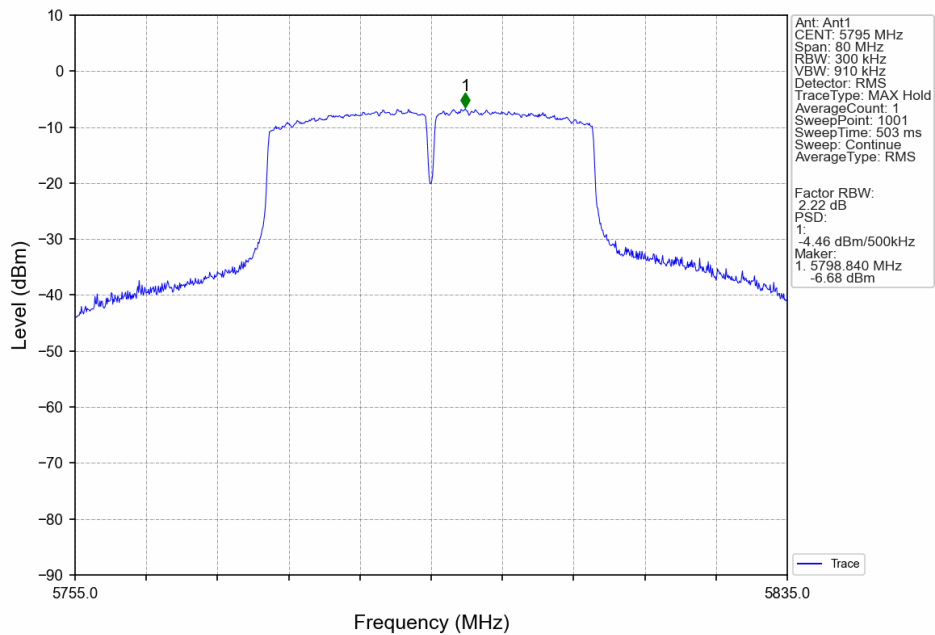
802.11ac(VHT40) LCH 5755MHz Ant2 NTN



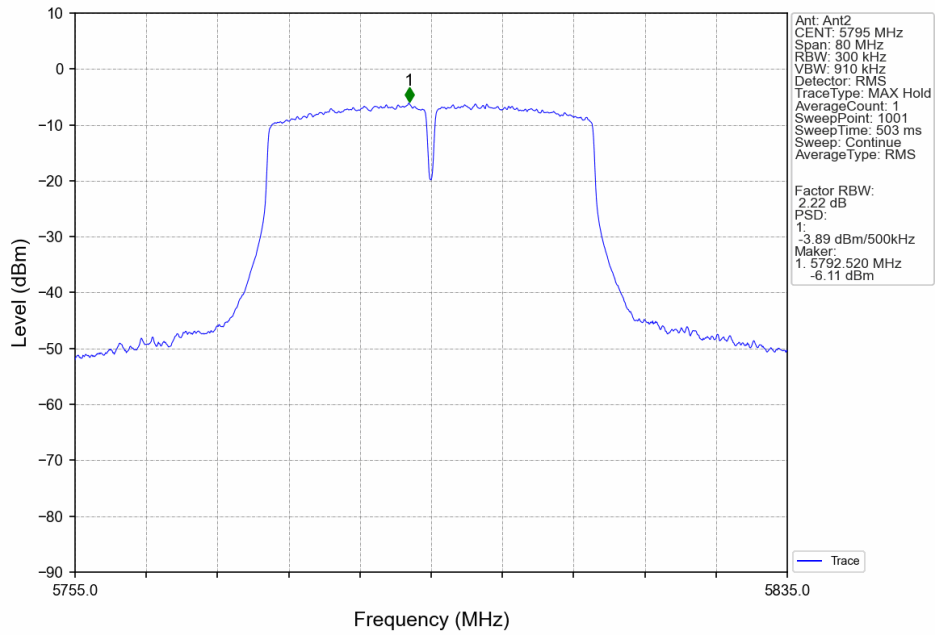
802.11ac(VHT40) LCH 5755MHz MIMO NTN



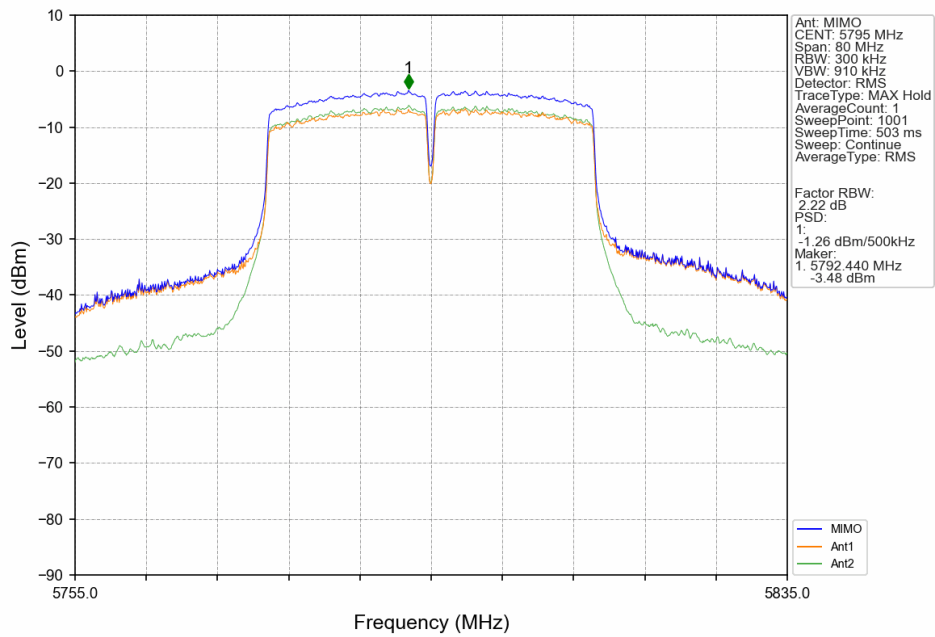
802.11ac(VHT40) HCH 5795MHz Ant1 NTN



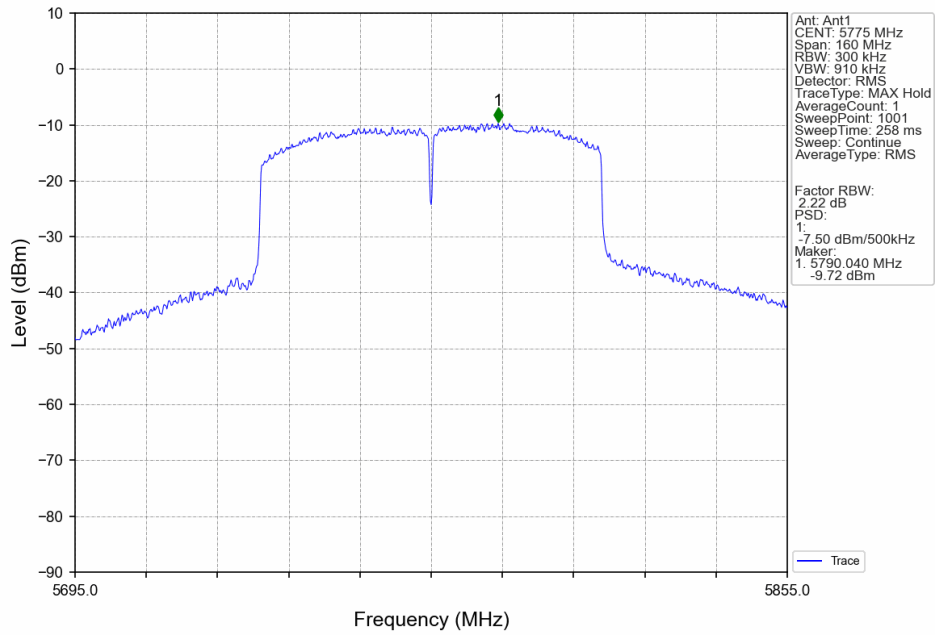
802.11ac(VHT40) HCH 5795MHz Ant2 NTN



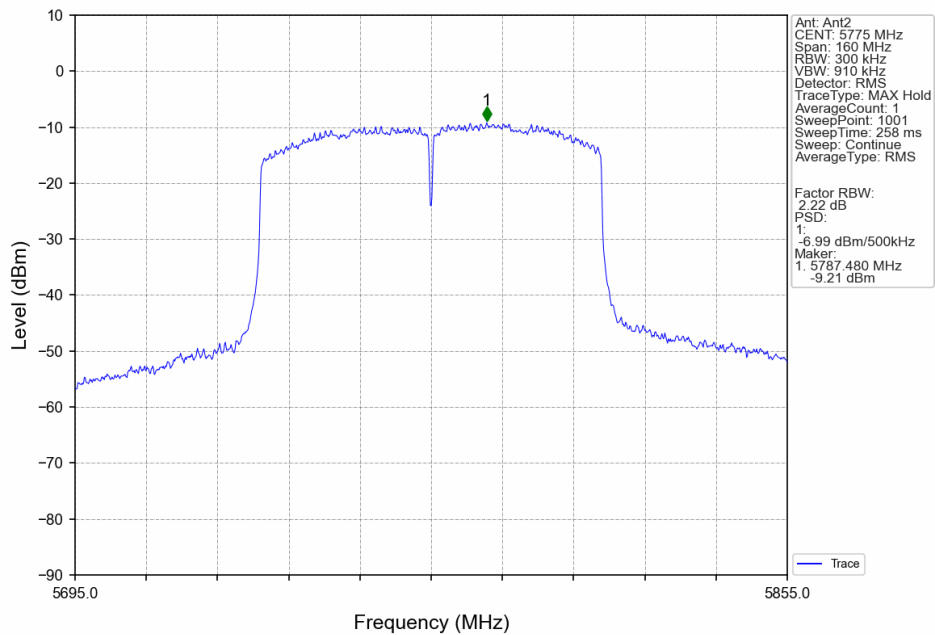
802.11ac(VHT40) HCH 5795MHz MIMO NTN

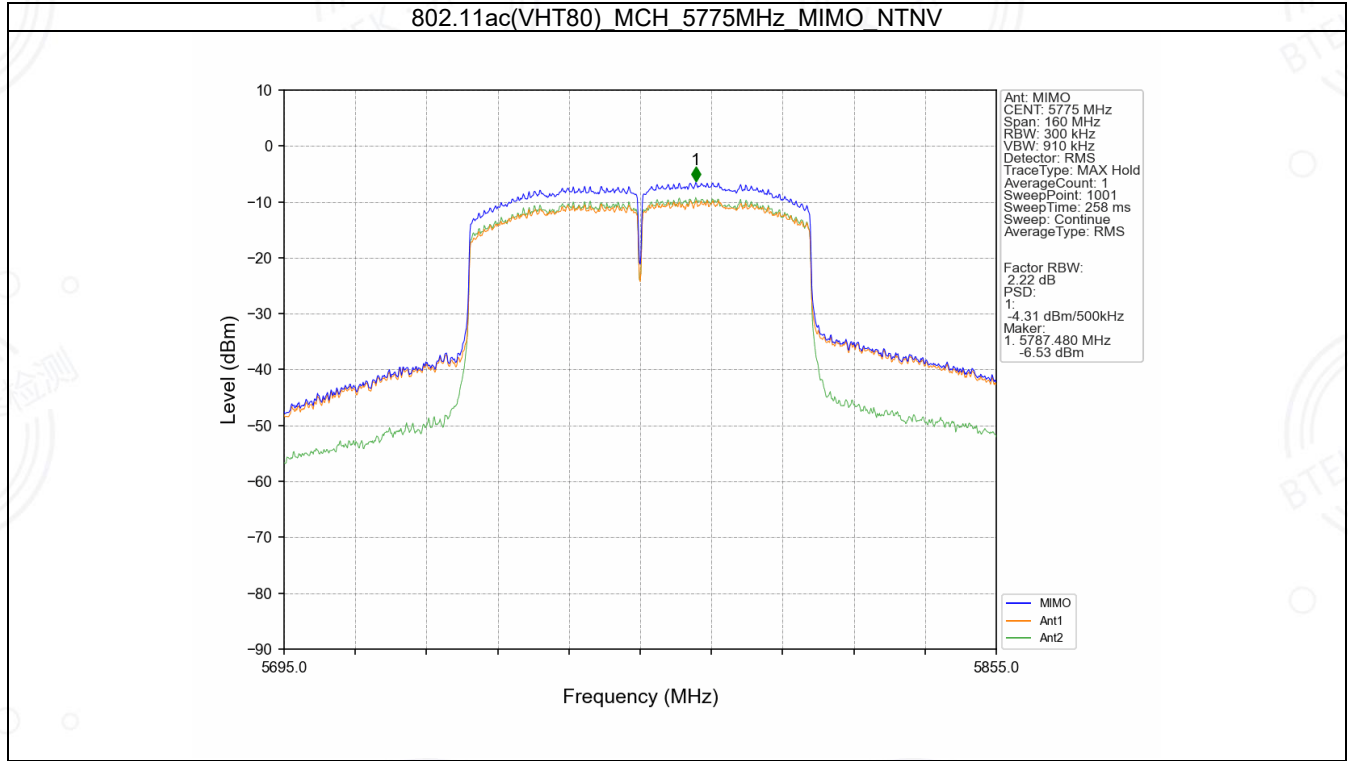


802.11ac(VHT80) MCH 5775MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant2 NTN





5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5745	20	102	5745.060	5725 to 5850	Pass
				120	5745.040	5725 to 5850	Pass
				138	5745.000	5725 to 5850	Pass
			-30	120	5745.020	5725 to 5850	Pass
			-20	120	5745.080	5725 to 5850	Pass
			-10	120	5745.080	5725 to 5850	Pass
			0	120	5745.080	5725 to 5850	Pass
			10	120	5745.040	5725 to 5850	Pass
			30	120	5745.040	5725 to 5850	Pass
			40	120	5745.020	5725 to 5850	Pass
			50	120	5745.060	5725 to 5850	Pass
		5785	20	102	5784.980	5725 to 5850	Pass
				120	5785.060	5725 to 5850	Pass
				138	5785.060	5725 to 5850	Pass
			-30	120	5785.020	5725 to 5850	Pass
			-20	120	5785.020	5725 to 5850	Pass
			-10	120	5785.100	5725 to 5850	Pass
			0	120	5785.020	5725 to 5850	Pass
			10	120	5785.040	5725 to 5850	Pass
			30	120	5785.020	5725 to 5850	Pass
			40	120	5785.000	5725 to 5850	Pass
			50	120	5785.020	5725 to 5850	Pass
		5825	20	102	5824.940	5725 to 5850	Pass
				120	5825.040	5725 to 5850	Pass
				138	5825.020	5725 to 5850	Pass
			-30	120	5825.040	5725 to 5850	Pass
			-20	120	5825.020	5725 to 5850	Pass
			-10	120	5824.980	5725 to 5850	Pass
			0	120	5825.000	5725 to 5850	Pass
			10	120	5824.980	5725 to 5850	Pass
			30	120	5825.040	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5824.960	5725 to 5850	Pass
802.11n (HT20)	MIMO	5745	20	102	5745.020	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass
				138	5745.040	5725 to 5850	Pass
			-30	120	5745.020	5725 to 5850	Pass
			-20	120	5745.020	5725 to 5850	Pass
			-10	120	5745.040	5725 to 5850	Pass
			0	120	5745.020	5725 to 5850	Pass
			10	120	5745.020	5725 to 5850	Pass
			30	120	5745.040	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.060	5725 to 5850	Pass
		5785	20	102	5785.040	5725 to 5850	Pass
				120	5785.040	5725 to 5850	Pass
				138	5785.020	5725 to 5850	Pass
			-30	120	5785.020	5725 to 5850	Pass
			-20	120	5785.040	5725 to 5850	Pass



			-10	120	5785.020	5725 to 5850	Pass
			0	120	5785.020	5725 to 5850	Pass
			10	120	5785.020	5725 to 5850	Pass
			30	120	5785.080	5725 to 5850	Pass
			40	120	5785.020	5725 to 5850	Pass
			50	120	5785.020	5725 to 5850	Pass
		5825	20	102	5825.000	5725 to 5850	Pass
				120	5824.980	5725 to 5850	Pass
				138	5825.020	5725 to 5850	Pass
			-30	120	5824.960	5725 to 5850	Pass
			-20	120	5825.020	5725 to 5850	Pass
			-10	120	5825.000	5725 to 5850	Pass
			0	120	5825.020	5725 to 5850	Pass
			10	120	5825.020	5725 to 5850	Pass
			30	120	5825.000	5725 to 5850	Pass
			40	120	5825.040	5725 to 5850	Pass
			50	120	5825.020	5725 to 5850	Pass
802.11n (HT40)	MIMO	5755	20	102	5755.080	5725 to 5850	Pass
				120	5755.080	5725 to 5850	Pass
				138	5755.040	5725 to 5850	Pass
			-30	120	5755.080	5725 to 5850	Pass
			-20	120	5755.080	5725 to 5850	Pass
			-10	120	5755.000	5725 to 5850	Pass
			0	120	5755.040	5725 to 5850	Pass
			10	120	5755.120	5725 to 5850	Pass
			30	120	5755.080	5725 to 5850	Pass
			40	120	5755.040	5725 to 5850	Pass
			50	120	5755.080	5725 to 5850	Pass
		5795	20	102	5795.080	5725 to 5850	Pass
				120	5795.120	5725 to 5850	Pass
				138	5795.120	5725 to 5850	Pass
			-30	120	5795.120	5725 to 5850	Pass
			-20	120	5795.000	5725 to 5850	Pass
			-10	120	5795.040	5725 to 5850	Pass
802.11ac (VHT20)	MIMO	5745	20	102	5745.060	5725 to 5850	Pass
				120	5745.040	5725 to 5850	Pass
				138	5745.060	5725 to 5850	Pass
			-30	120	5745.040	5725 to 5850	Pass
			-20	120	5745.020	5725 to 5850	Pass
			-10	120	5745.020	5725 to 5850	Pass
			0	120	5745.020	5725 to 5850	Pass
			10	120	5745.020	5725 to 5850	Pass
			30	120	5745.040	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.060	5725 to 5850	Pass
		5785	20	102	5785.020	5725 to 5850	Pass
				120	5785.020	5725 to 5850	Pass
				138	5785.060	5725 to 5850	Pass
			-30	120	5785.000	5725 to 5850	Pass
			-20	120	5785.040	5725 to 5850	Pass
			-10	120	5785.020	5725 to 5850	Pass
			0	120	5785.040	5725 to 5850	Pass
			10	120	5785.020	5725 to 5850	Pass
			30	120	5785.020	5725 to 5850	Pass



		5825	40	120	5785.020	5725 to 5850	Pass
			50	120	5785.040	5725 to 5850	Pass
			20	102	5825.020	5725 to 5850	Pass
				120	5824.980	5725 to 5850	Pass
				138	5825.020	5725 to 5850	Pass
			-30	120	5825.020	5725 to 5850	Pass
			-20	120	5825.020	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5824.980	5725 to 5850	Pass
			10	120	5825.020	5725 to 5850	Pass
			30	120	5825.020	5725 to 5850	Pass
			40	120	5824.980	5725 to 5850	Pass
			50	120	5824.980	5725 to 5850	Pass
802.11ac (VHT40)	MIMO	5755	20	102	5755.120	5725 to 5850	Pass
				120	5755.160	5725 to 5850	Pass
				138	5755.120	5725 to 5850	Pass
			-30	120	5755.120	5725 to 5850	Pass
			-20	120	5755.200	5725 to 5850	Pass
			-10	120	5755.160	5725 to 5850	Pass
			0	120	5755.120	5725 to 5850	Pass
			10	120	5755.080	5725 to 5850	Pass
			30	120	5755.080	5725 to 5850	Pass
			40	120	5755.120	5725 to 5850	Pass
			50	120	5755.120	5725 to 5850	Pass
		5795	20	102	5795.160	5725 to 5850	Pass
				120	5795.080	5725 to 5850	Pass
				138	5795.080	5725 to 5850	Pass
			-30	120	5795.080	5725 to 5850	Pass
			-20	120	5795.120	5725 to 5850	Pass
			-10	120	5795.080	5725 to 5850	Pass
			0	120	5795.120	5725 to 5850	Pass
			10	120	5795.080	5725 to 5850	Pass
			30	120	5795.120	5725 to 5850	Pass
			40	120	5795.160	5725 to 5850	Pass
802.11ac (VHT80)	MIMO	5775	20	102	5775.150	5725 to 5850	Pass
				120	5775.225	5725 to 5850	Pass
				138	5775.150	5725 to 5850	Pass
			-30	120	5775.150	5725 to 5850	Pass
			-20	120	5775.225	5725 to 5850	Pass
			-10	120	5775.150	5725 to 5850	Pass
			0	120	5775.300	5725 to 5850	Pass
			10	120	5775.150	5725 to 5850	Pass
			30	120	5775.150	5725 to 5850	Pass
			40	120	5775.150	5725 to 5850	Pass
			50	120	5775.150	5725 to 5850	Pass



5.1.2 Ant2

Ant2							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5745	20	102	5745.020	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass
				138	5745.040	5725 to 5850	Pass
			-30	120	5745.060	5725 to 5850	Pass
			-20	120	5745.040	5725 to 5850	Pass
			-10	120	5745.060	5725 to 5850	Pass
			0	120	5745.040	5725 to 5850	Pass
			10	120	5745.060	5725 to 5850	Pass
			30	120	5745.040	5725 to 5850	Pass
			40	120	5745.060	5725 to 5850	Pass
			50	120	5745.020	5725 to 5850	Pass
		5785	20	102	5785.060	5725 to 5850	Pass
				120	5785.060	5725 to 5850	Pass
				138	5785.000	5725 to 5850	Pass
			-30	120	5784.980	5725 to 5850	Pass
			-20	120	5785.080	5725 to 5850	Pass
			-10	120	5784.960	5725 to 5850	Pass
			0	120	5785.040	5725 to 5850	Pass
			10	120	5785.040	5725 to 5850	Pass
			30	120	5785.040	5725 to 5850	Pass
			40	120	5785.060	5725 to 5850	Pass
			50	120	5785.000	5725 to 5850	Pass
		5825	20	102	5824.980	5725 to 5850	Pass
				120	5825.020	5725 to 5850	Pass
				138	5824.980	5725 to 5850	Pass
			-30	120	5825.060	5725 to 5850	Pass
			-20	120	5825.020	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5825.000	5725 to 5850	Pass
			10	120	5824.960	5725 to 5850	Pass
			30	120	5825.040	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5825.020	5725 to 5850	Pass
802.11n (HT20)	MIMO	5745	20	102	5745.040	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
				138	5745.040	5725 to 5850	Pass
			-30	120	5745.040	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass
			-10	120	5745.020	5725 to 5850	Pass
			0	120	5745.020	5725 to 5850	Pass
			10	120	5745.020	5725 to 5850	Pass
			30	120	5745.020	5725 to 5850	Pass
			40	120	5745.000	5725 to 5850	Pass
			50	120	5745.040	5725 to 5850	Pass
		5785	20	102	5785.040	5725 to 5850	Pass
				120	5785.020	5725 to 5850	Pass
				138	5785.040	5725 to 5850	Pass
			-30	120	5785.020	5725 to 5850	Pass
			-20	120	5785.020	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			0	120	5785.040	5725 to 5850	Pass
			10	120	5785.060	5725 to 5850	Pass
			30	120	5785.040	5725 to 5850	Pass
			40	120	5785.060	5725 to 5850	Pass



		5825	50	120	5785.040	5725 to 5850	Pass
			20	102	5825.020	5725 to 5850	Pass
				120	5825.020	5725 to 5850	Pass
				138	5825.040	5725 to 5850	Pass
				-30	120	5825.040	5725 to 5850
			-20	120	5825.000	5725 to 5850	Pass
			-10	120	5825.040	5725 to 5850	Pass
			0	120	5825.040	5725 to 5850	Pass
			10	120	5825.040	5725 to 5850	Pass
			30	120	5825.040	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5825.020	5725 to 5850	Pass
802.11n (HT40)	MIMO	5755	20	102	5755.120	5725 to 5850	Pass
				120	5755.080	5725 to 5850	Pass
				138	5755.080	5725 to 5850	Pass
				-30	120	5755.080	5725 to 5850
			-20	120	5755.080	5725 to 5850	Pass
			-10	120	5755.120	5725 to 5850	Pass
			0	120	5755.080	5725 to 5850	Pass
			10	120	5755.160	5725 to 5850	Pass
			30	120	5755.120	5725 to 5850	Pass
			40	120	5755.120	5725 to 5850	Pass
			50	120	5755.120	5725 to 5850	Pass
			5795	20	102	5795.040	5725 to 5850
		120			5795.080	5725 to 5850	Pass
		138			5795.040	5725 to 5850	Pass
		-30			120	5795.080	5725 to 5850
		-20		120	5795.040	5725 to 5850	Pass
		-10		120	5795.080	5725 to 5850	Pass
		0		120	5795.080	5725 to 5850	Pass
		10		120	5795.080	5725 to 5850	Pass
		30	120	5795.080	5725 to 5850	Pass	
40	120	5795.120	5725 to 5850	Pass			
50	120	5795.080	5725 to 5850	Pass			
802.11ac (VHT20)	MIMO	5745	20	102	5745.040	5725 to 5850	Pass
				120	5745.060	5725 to 5850	Pass
				138	5745.040	5725 to 5850	Pass
			-30	120	5745.020	5725 to 5850	Pass
			-20	120	5745.020	5725 to 5850	Pass
			-10	120	5745.060	5725 to 5850	Pass
			0	120	5745.060	5725 to 5850	Pass
			10	120	5745.060	5725 to 5850	Pass
			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	5785.020	5725 to 5850
		120			5785.040	5725 to 5850	Pass
		138			5785.020	5725 to 5850	Pass
		-30		120	5785.020	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	5785.020	5725 to 5850	Pass
		30		120	5785.040	5725 to 5850	Pass
		40		120	5785.020	5725 to 5850	Pass
		50		120	5785.040	5725 to 5850	Pass
		5825		20	102	5825.000	5725 to 5850
			120		5825.000	5725 to 5850	Pass
			138		5825.020	5725 to 5850	Pass



			-30	120	5825.040	5725 to 5850	Pass
			-20	120	5825.040	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5825.020	5725 to 5850	Pass
			10	120	5825.020	5725 to 5850	Pass
			30	120	5825.040	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5825.000	5725 to 5850	Pass
802.11ac (VHT40)	MIMO	5755	20	102	5755.120	5725 to 5850	Pass
				120	5755.120	5725 to 5850	Pass
				138	5755.080	5725 to 5850	Pass
			-30	120	5755.080	5725 to 5850	Pass
			-20	120	5755.120	5725 to 5850	Pass
			-10	120	5755.120	5725 to 5850	Pass
			0	120	5755.040	5725 to 5850	Pass
			10	120	5755.120	5725 to 5850	Pass
			30	120	5755.080	5725 to 5850	Pass
			40	120	5755.080	5725 to 5850	Pass
			50	120	5755.080	5725 to 5850	Pass
		5795	20	102	5795.120	5725 to 5850	Pass
				120	5795.080	5725 to 5850	Pass
				138	5795.080	5725 to 5850	Pass
			-30	120	5795.080	5725 to 5850	Pass
			-20	120	5795.080	5725 to 5850	Pass
			-10	120	5795.080	5725 to 5850	Pass
			0	120	5795.120	5725 to 5850	Pass
			10	120	5795.080	5725 to 5850	Pass
			30	120	5795.120	5725 to 5850	Pass
			40	120	5795.120	5725 to 5850	Pass
			50	120	5795.080	5725 to 5850	Pass
802.11ac (VHT80)	MIMO	5775	20	102	5775.150	5725 to 5850	Pass
				120	5775.150	5725 to 5850	Pass
				138	5775.300	5725 to 5850	Pass
			-30	120	5775.150	5725 to 5850	Pass
			-20	120	5775.075	5725 to 5850	Pass
			-10	120	5775.150	5725 to 5850	Pass
			0	120	5775.075	5725 to 5850	Pass
			10	120	5775.150	5725 to 5850	Pass
			30	120	5775.075	5725 to 5850	Pass
			40	120	5775.225	5725 to 5850	Pass
			50	120	5775.075	5725 to 5850	Pass

6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5745	5825	0.0442	16.45
5755	5795	0.0372	15.70
5775	5775	0.0336	15.26

