

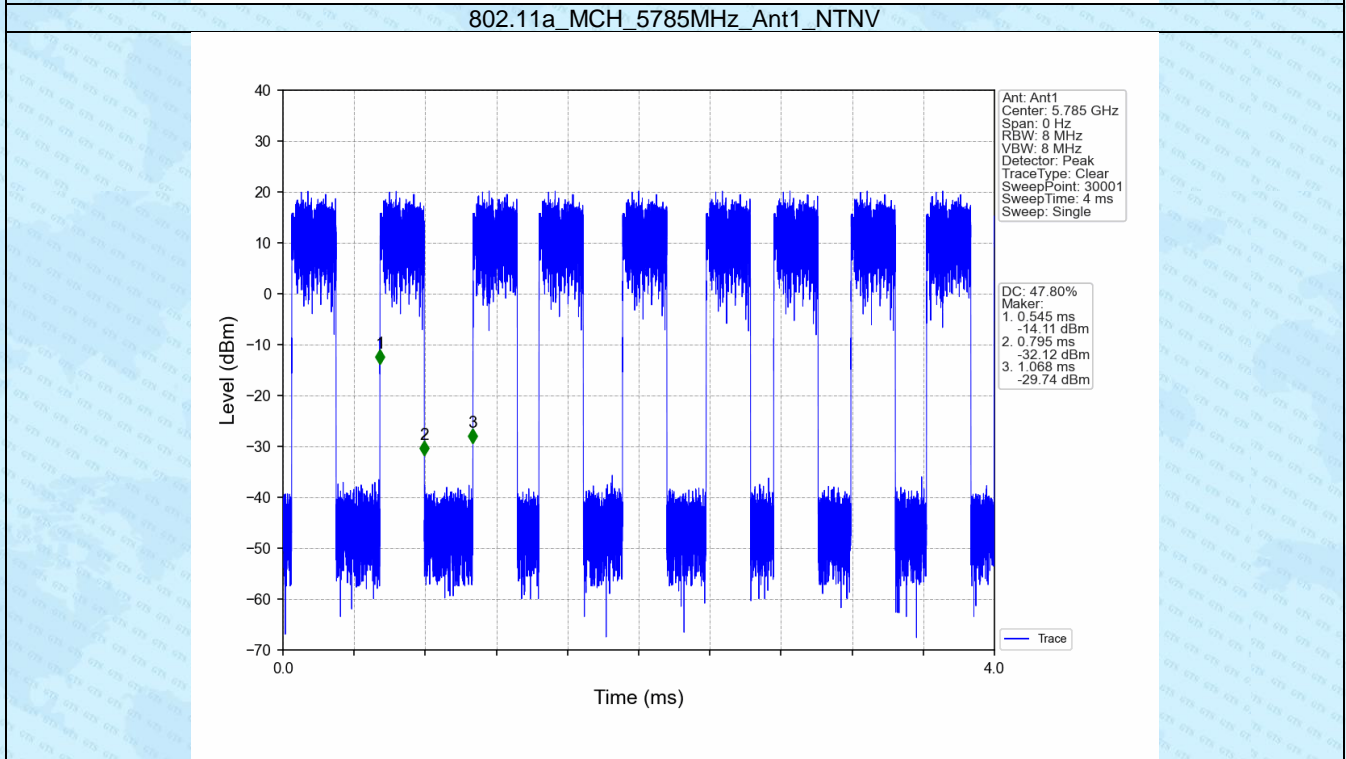
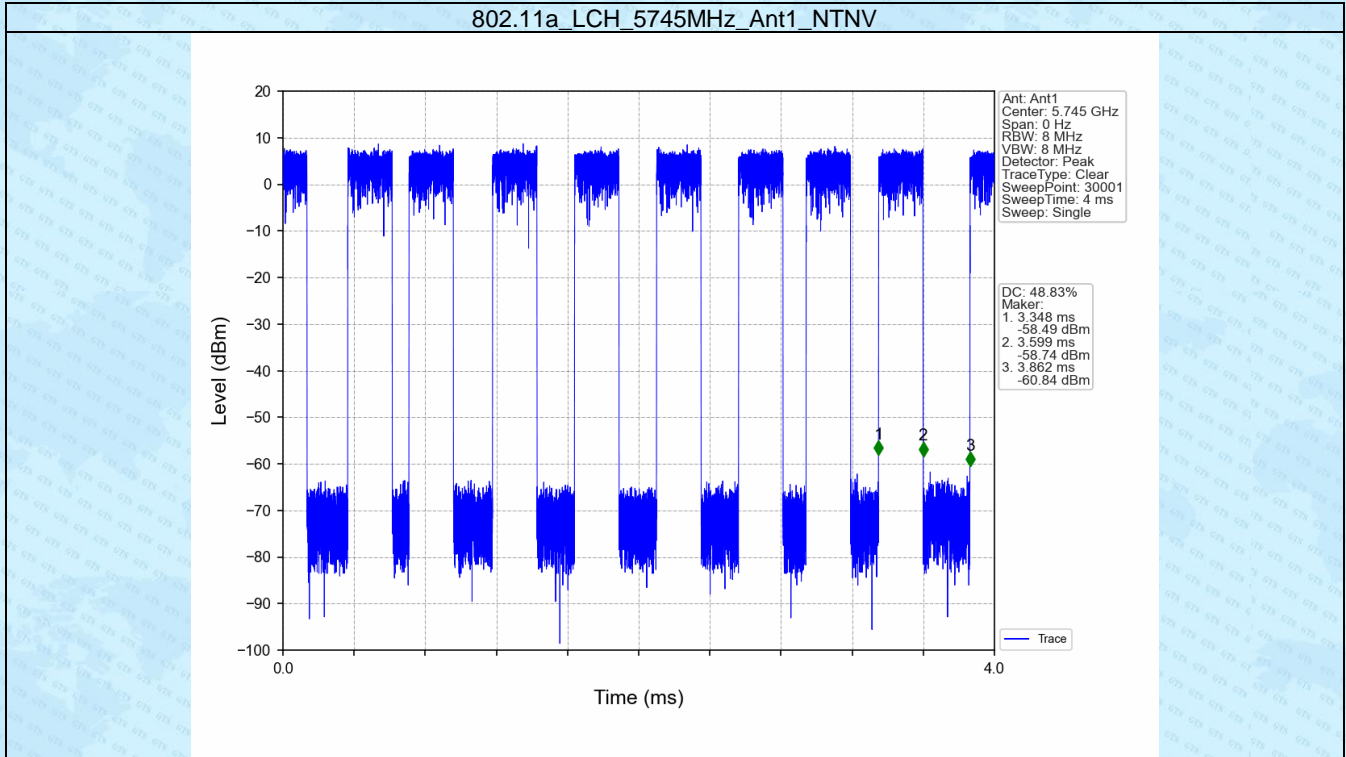
## 1. Duty Cycle

### 1.1 Test Result

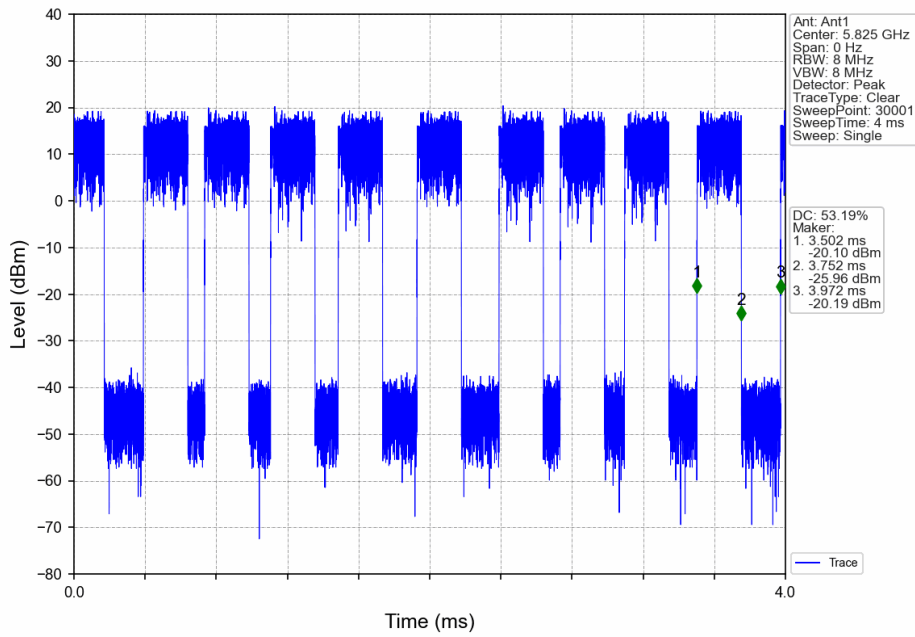
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	0.251	0.514	48.83	3.11	24.11
		5785	0.250	0.523	47.80	3.21	19.59
		5825	0.250	0.470	53.19	2.74	19.51
802.11n (HT20)	SISO	5745	0.230	0.432	53.24	2.74	15.83
		5785	0.230	0.459	50.11	3.00	18.97
		5825	0.230	0.459	50.11	3.00	15.41
802.11n (HT40)	SISO	5755	0.129	0.359	35.93	4.45	24.01
		5795	0.130	0.350	37.14	4.30	8.18
802.11ac (VHT20)	SISO	5745	0.202	0.446	45.29	3.44	17.82
		5785	0.202	0.419	48.21	3.17	11.61
		5825	0.202	0.446	45.29	3.44	14.49
802.11ac (VHT40)	SISO	5755	0.114	0.507	22.49	6.48	24.88
		5795	0.114	0.647	17.62	7.54	19.86
802.11ac (VHT80)	SISO	5775	0.075	0.318	23.58	6.27	13.65

Ant2							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	0.250	0.452	55.31	2.57	13.74
		5785	0.250	0.461	54.23	2.66	14.84
		5825	0.250	0.479	52.19	2.82	20.45
802.11n (HT20)	SISO	5745	0.230	0.459	50.11	3.00	15.43
		5785	0.229	0.450	50.89	2.93	19.91
		5825	0.230	0.450	51.11	2.91	19.87
802.11n (HT40)	SISO	5755	0.130	0.359	36.21	4.41	19.51
		5795	0.133	0.350	38.00	4.20	19.05
802.11ac (VHT20)	SISO	5745	0.202	0.428	47.20	3.26	15.97
		5785	0.202	0.428	47.20	3.26	12.54
		5825	0.202	0.455	44.40	3.53	15.35
802.11ac (VHT40)	SISO	5755	0.130	0.359	36.21	4.41	12.22
		5795	0.129	0.332	38.86	4.11	18.84
802.11ac (VHT80)	SISO	5775	0.073	0.327	22.32	6.51	15.73

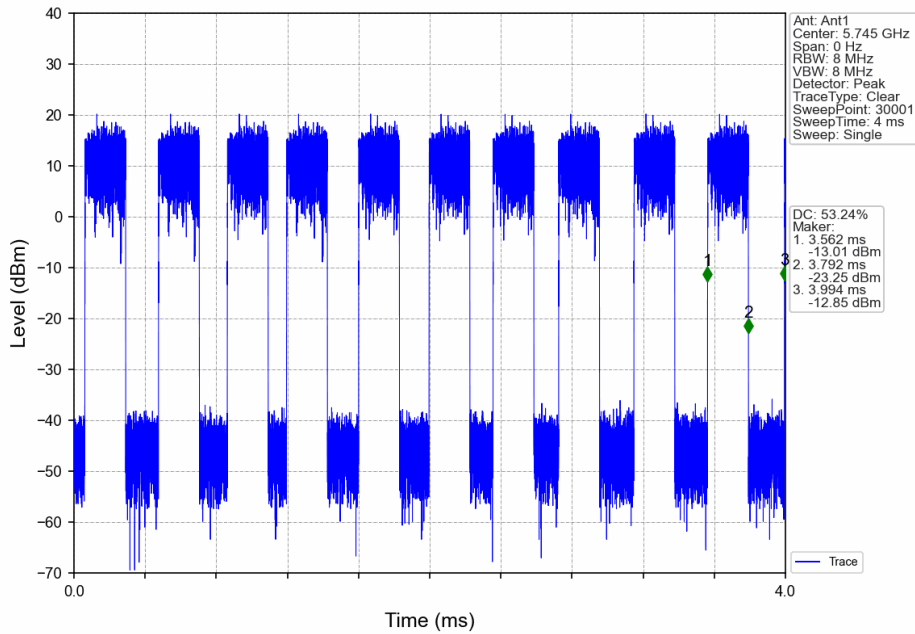
## 1.2 Test Graph



802.11a\_HCH\_5825MHz\_Ant1\_NTNV

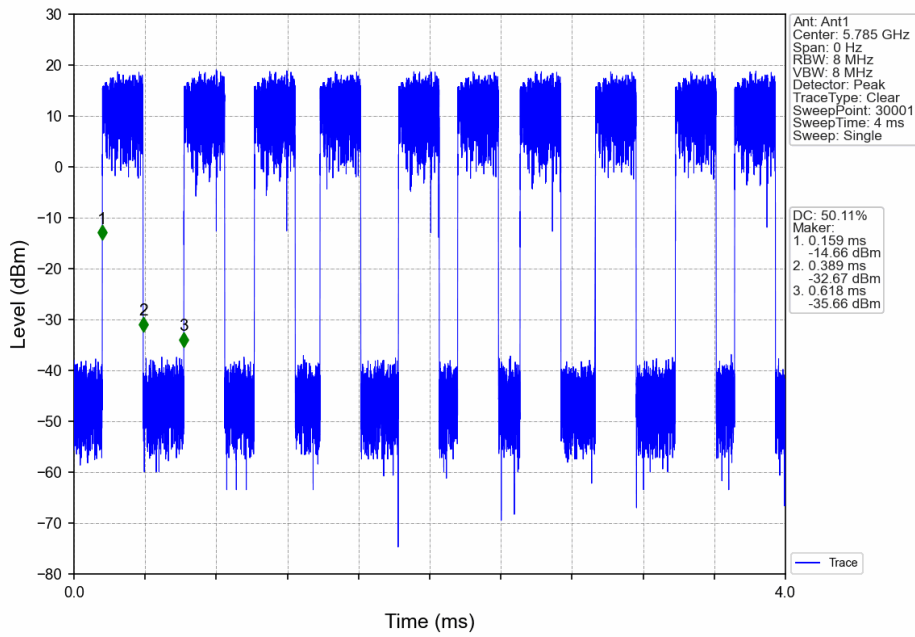


802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV

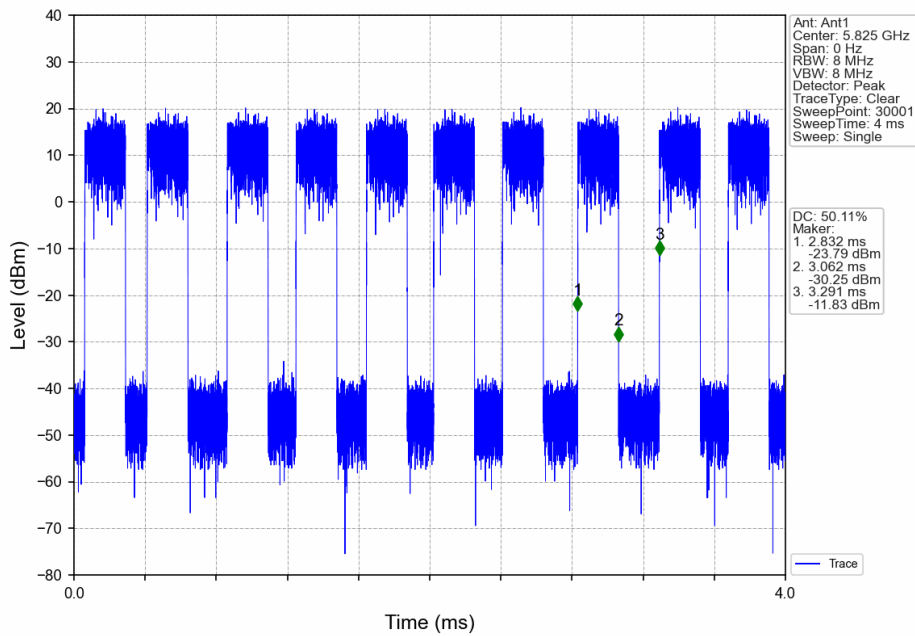




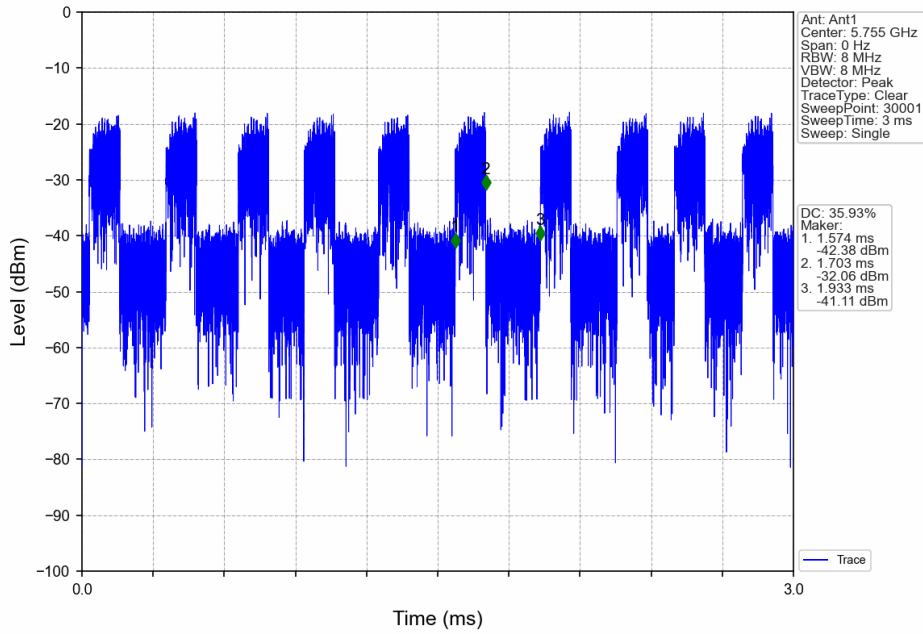
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



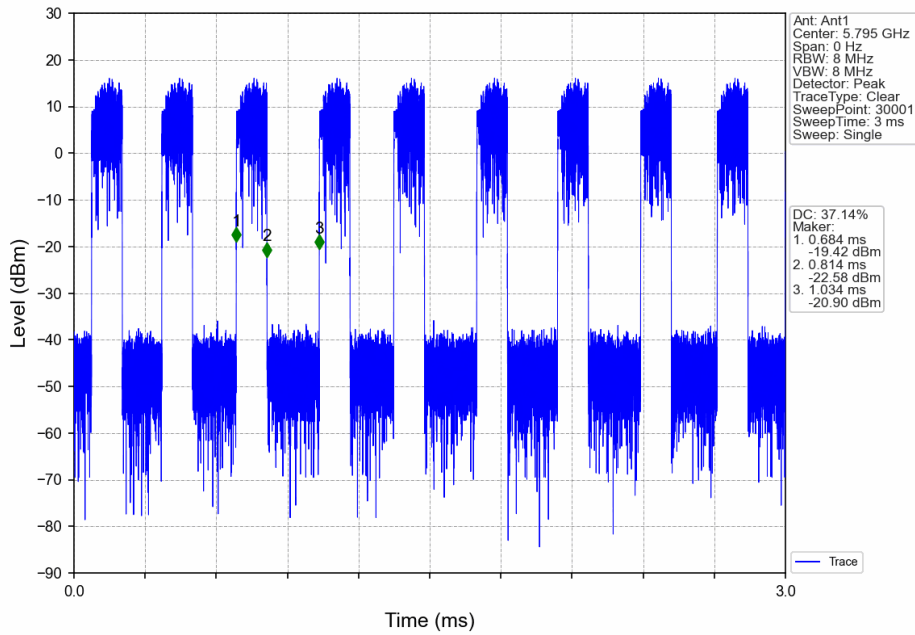
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



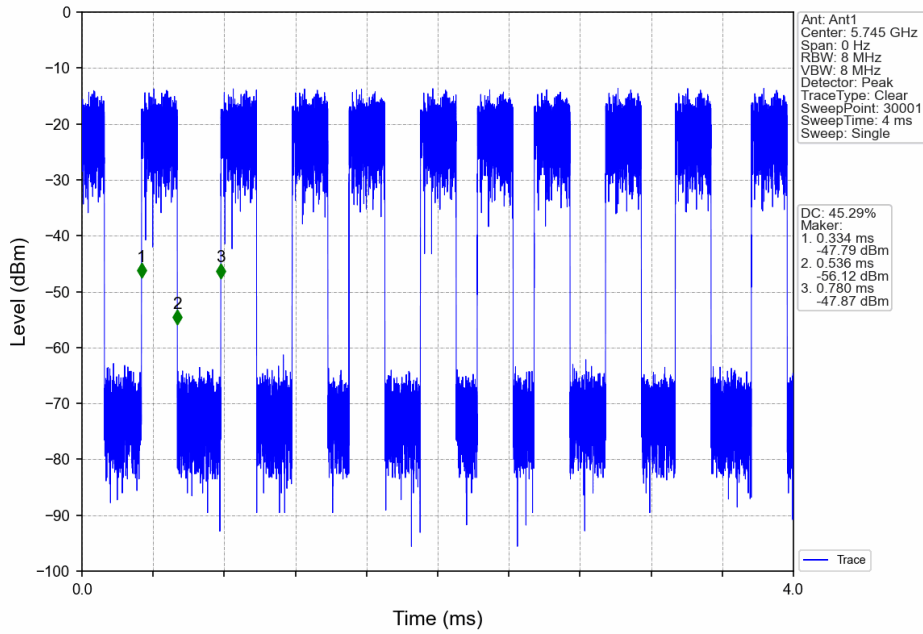
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



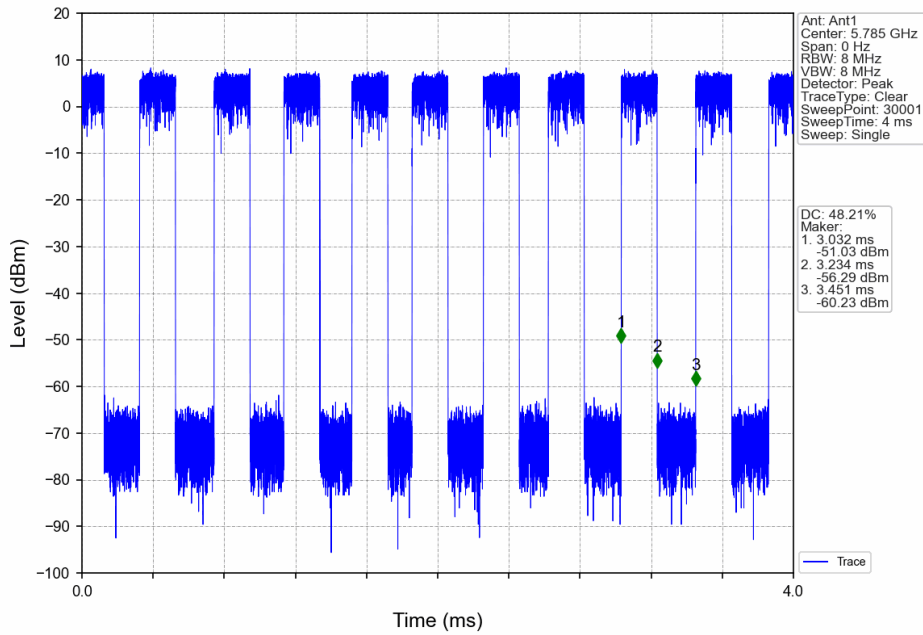
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV

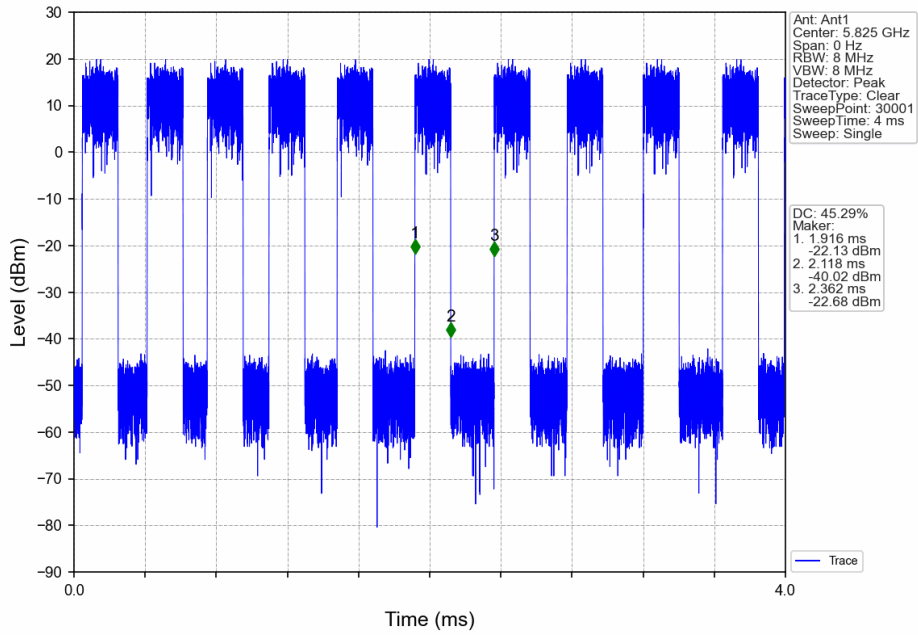


802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV

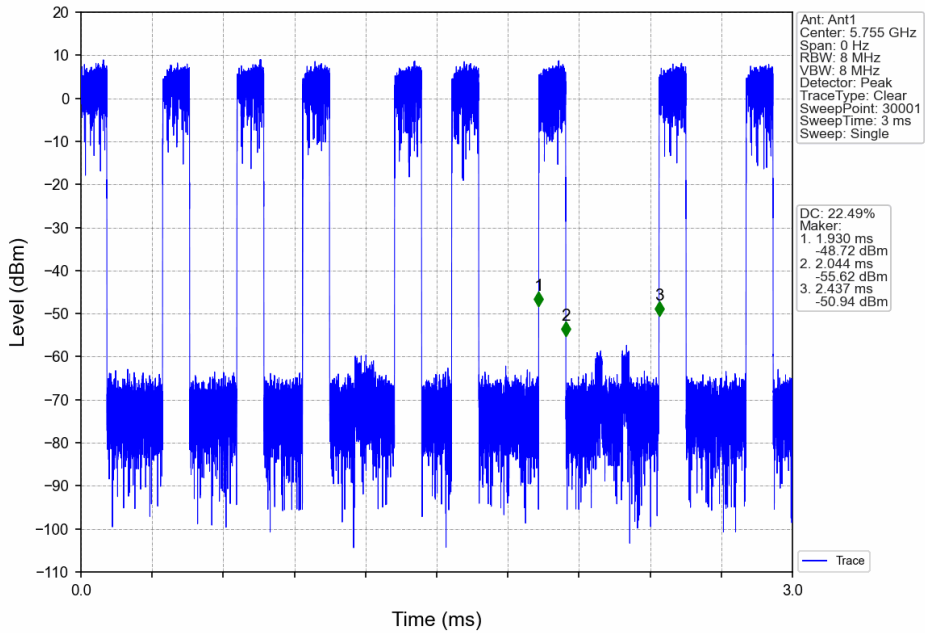


802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV

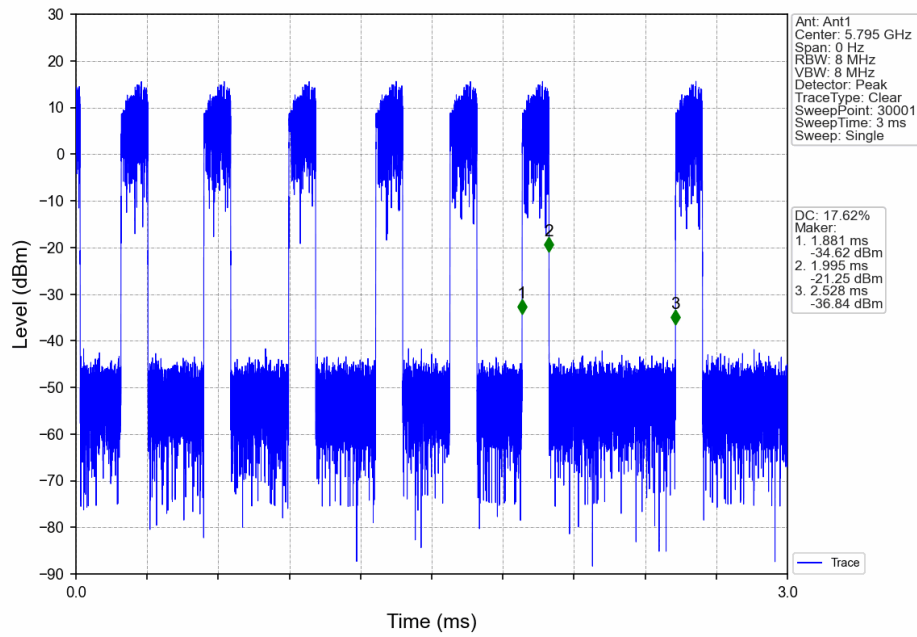




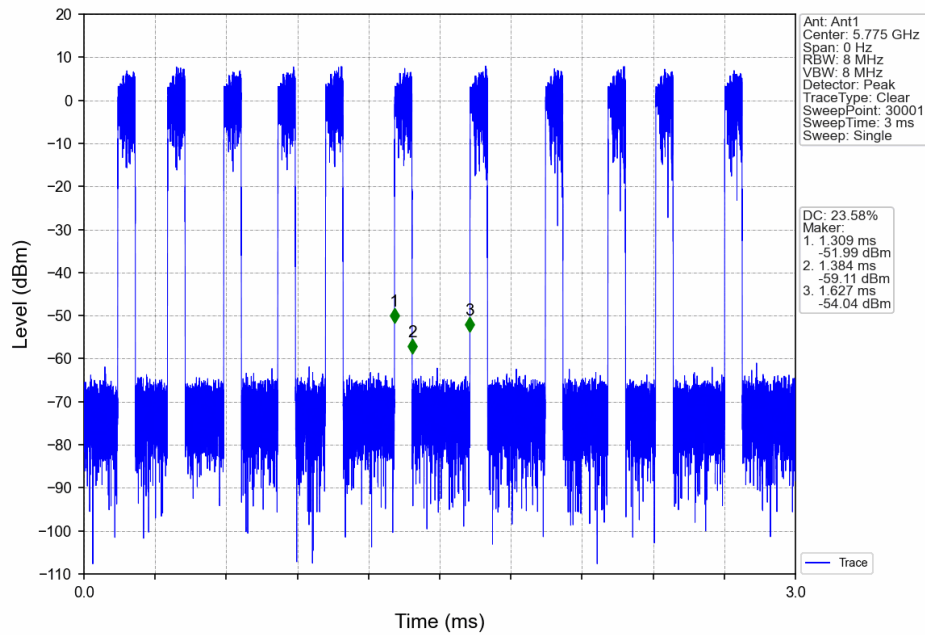
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV

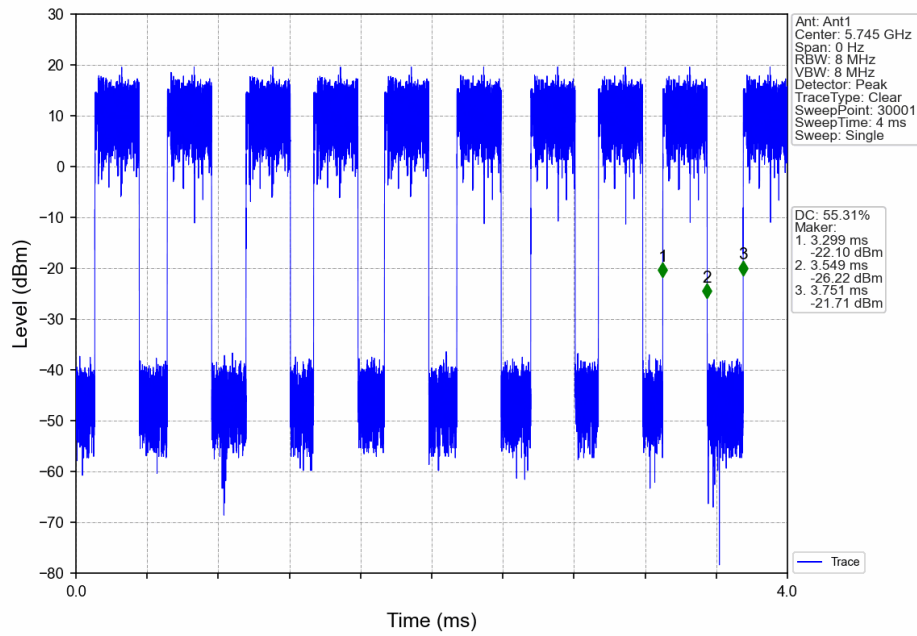


802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV

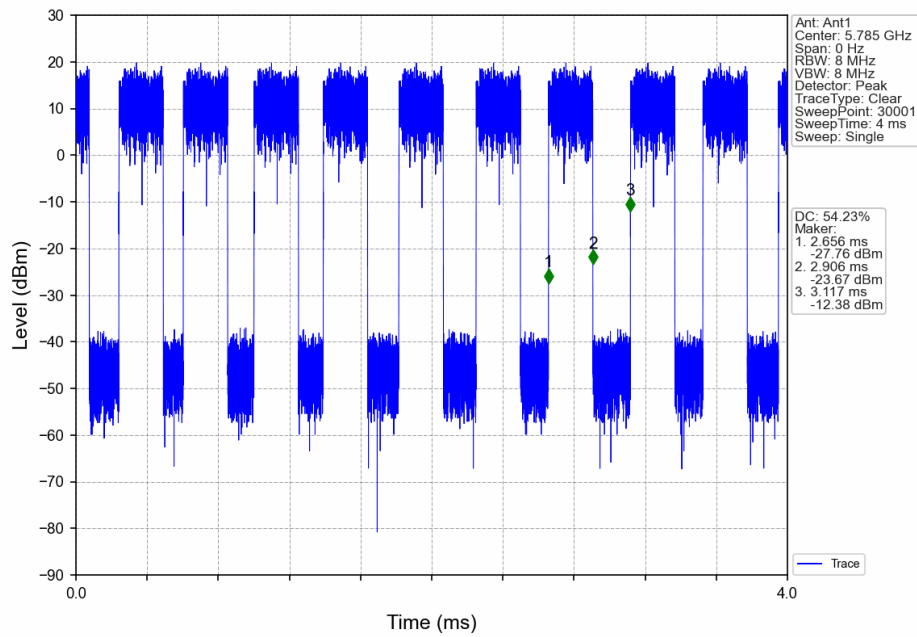




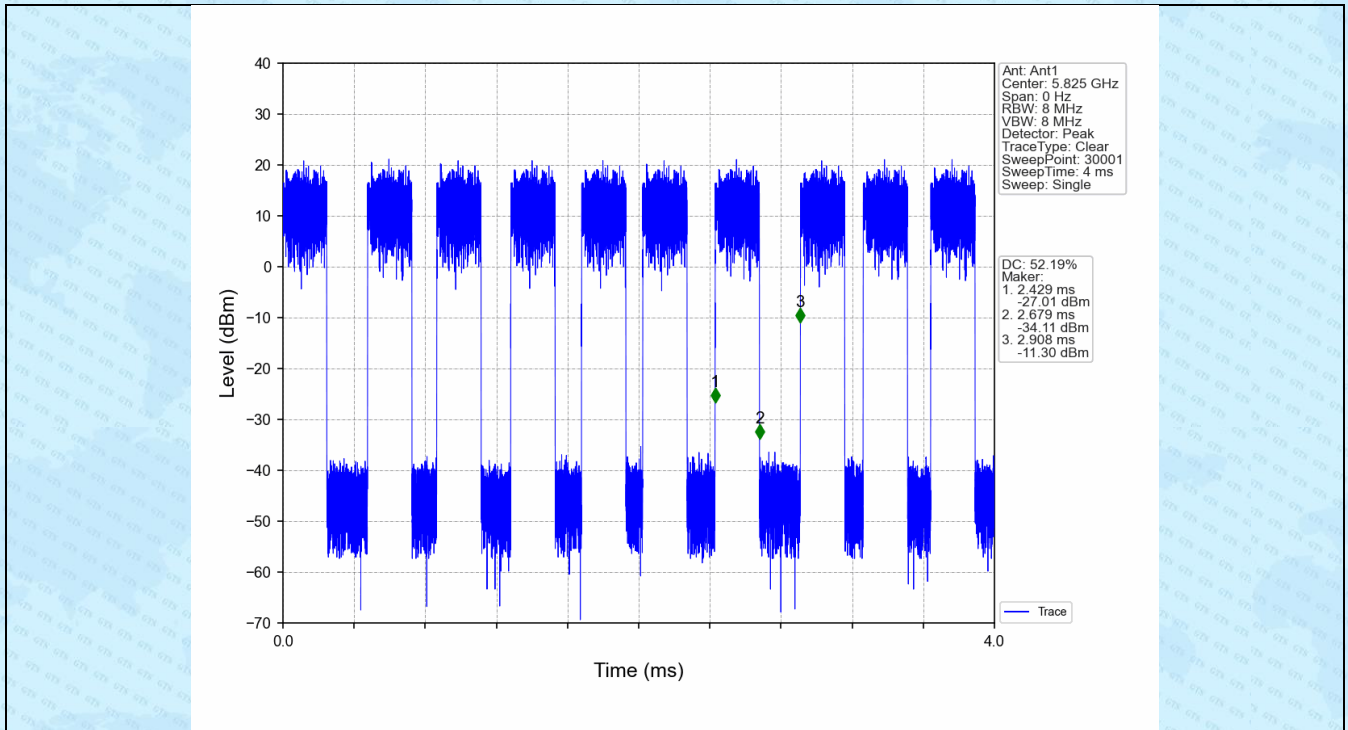
802.11a\_LCH\_5745MHz\_Ant2\_NTNV



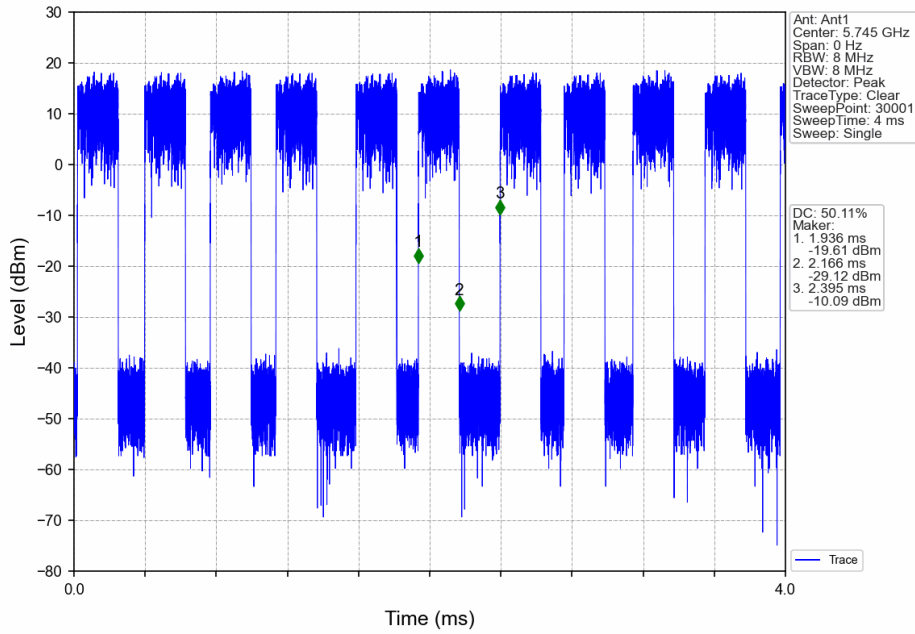
802.11a\_MCH\_5785MHz\_Ant2\_NTNV



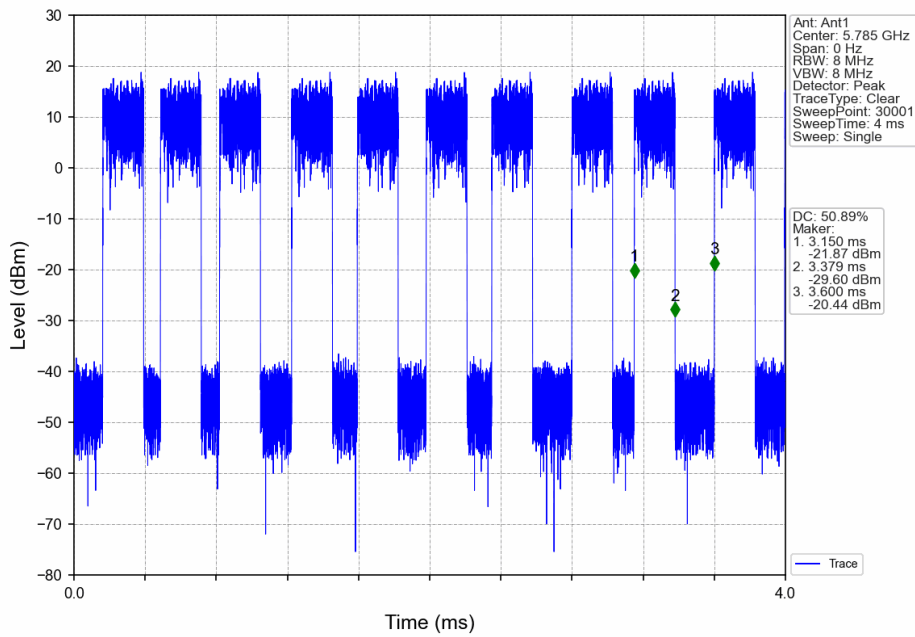
802.11a\_HCH\_5825MHz\_Ant2\_NTNV



802.11n(HT20)\_LCH\_5745MHz\_Ant2\_NTNV

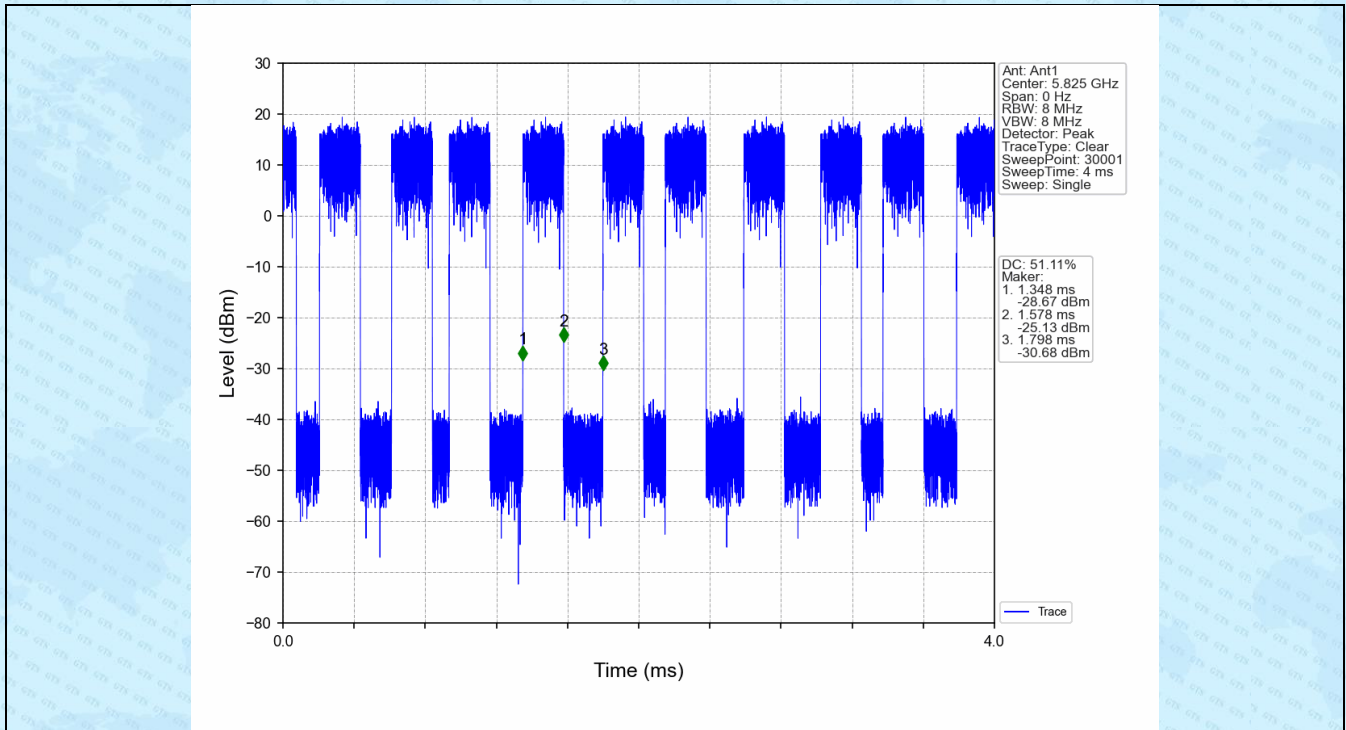


802.11n(HT20)\_MCH\_5785MHz\_Ant2\_NTNV

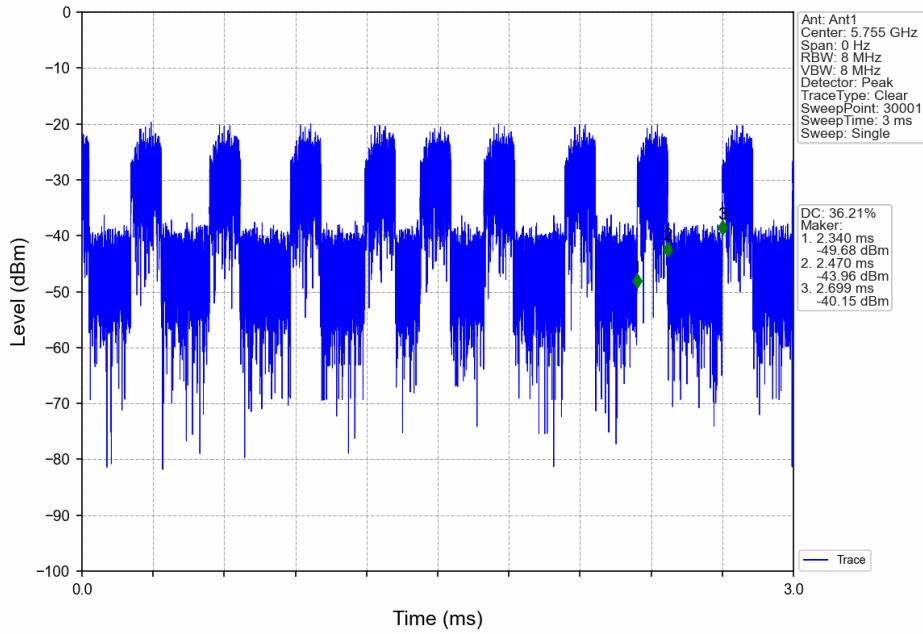


802.11n(HT20)\_HCH\_5825MHz\_Ant2\_NTNV

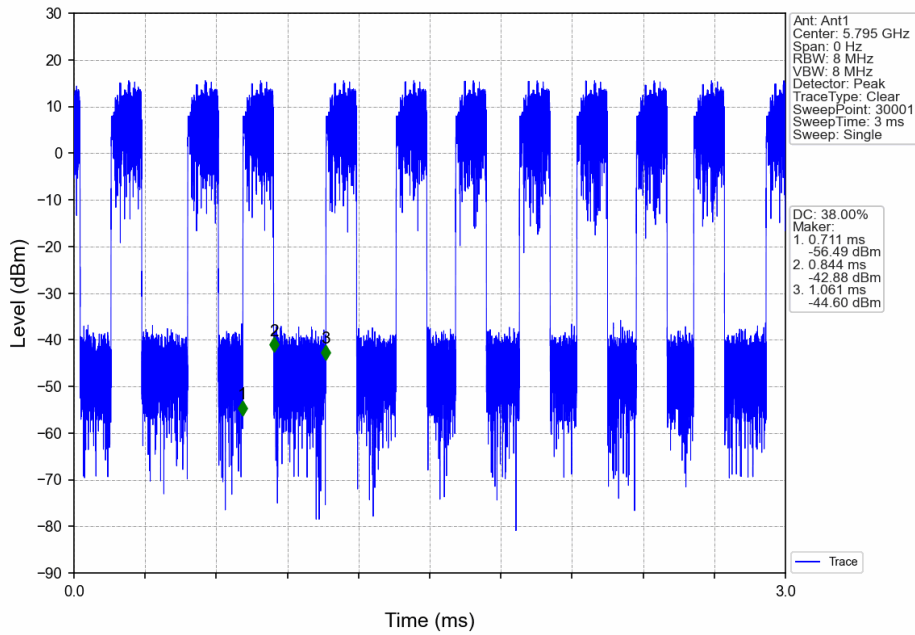




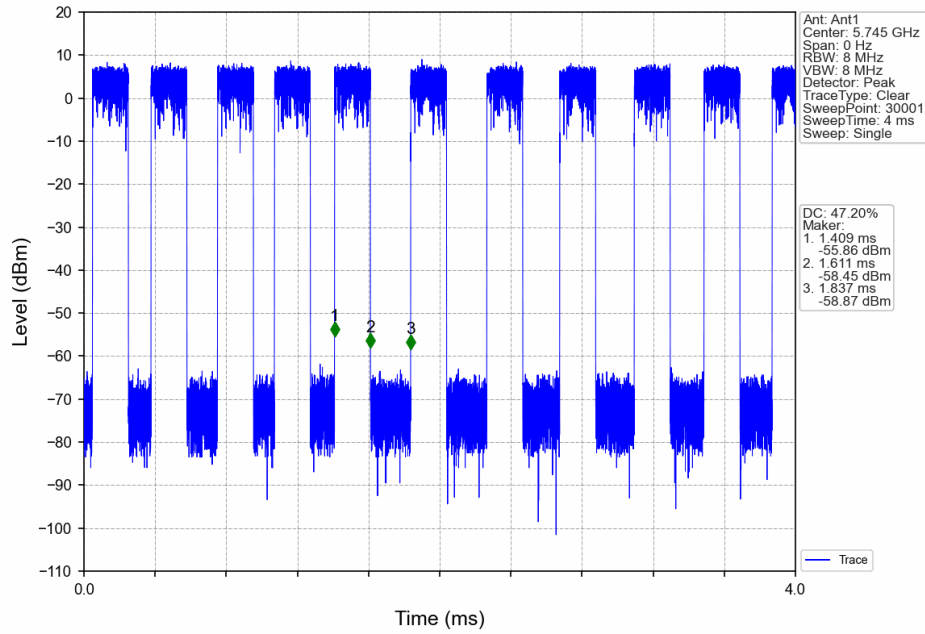
802.11n(HT40)\_LCH\_5755MHz\_Ant2\_NTNV



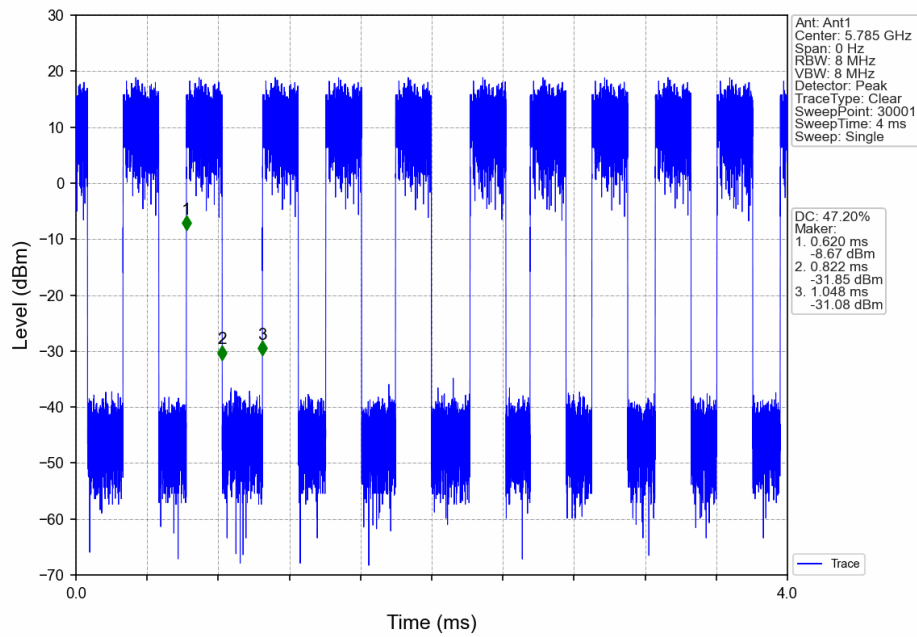
802.11n(HT40)\_HCH\_5795MHz\_Ant2\_NTNV



802.11ac(VHT20)\_LCH\_5745MHz\_Ant2\_NTNV

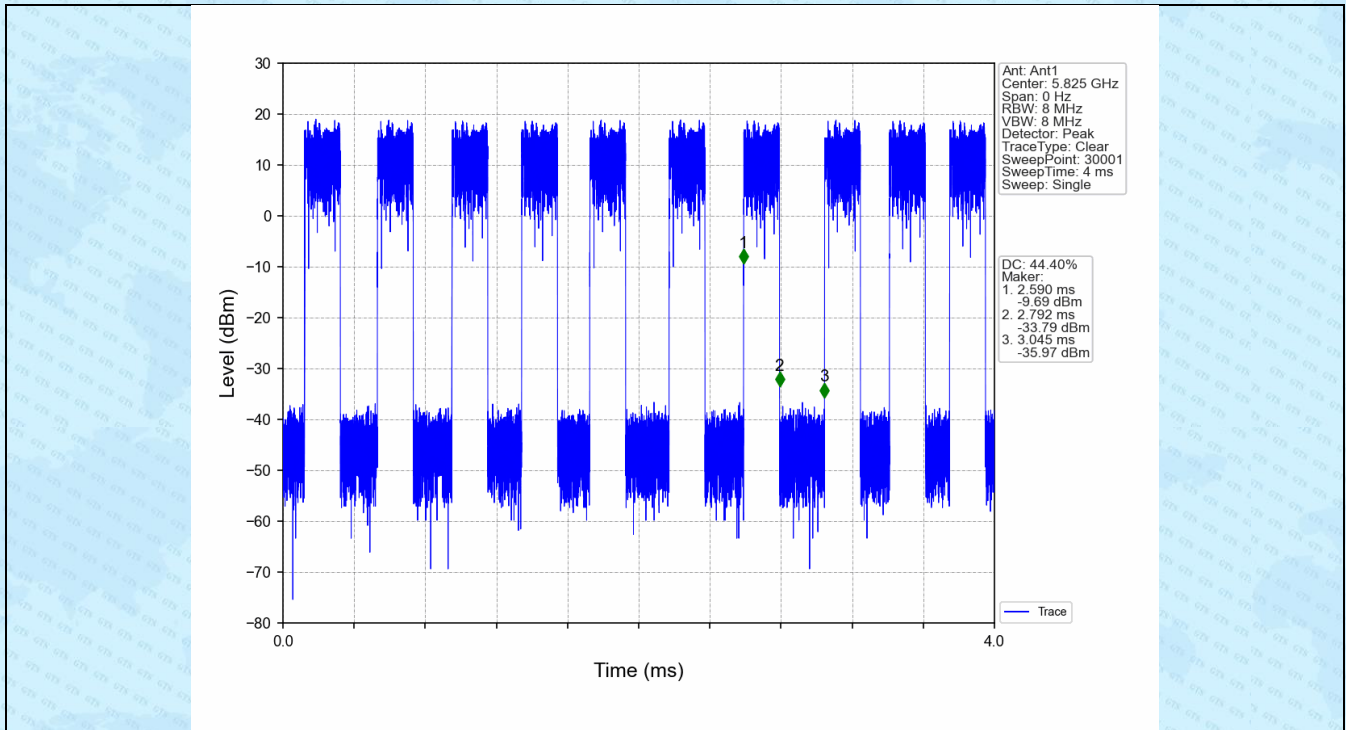


802.11ac(VHT20)\_MCH\_5785MHz\_Ant2\_NTNV

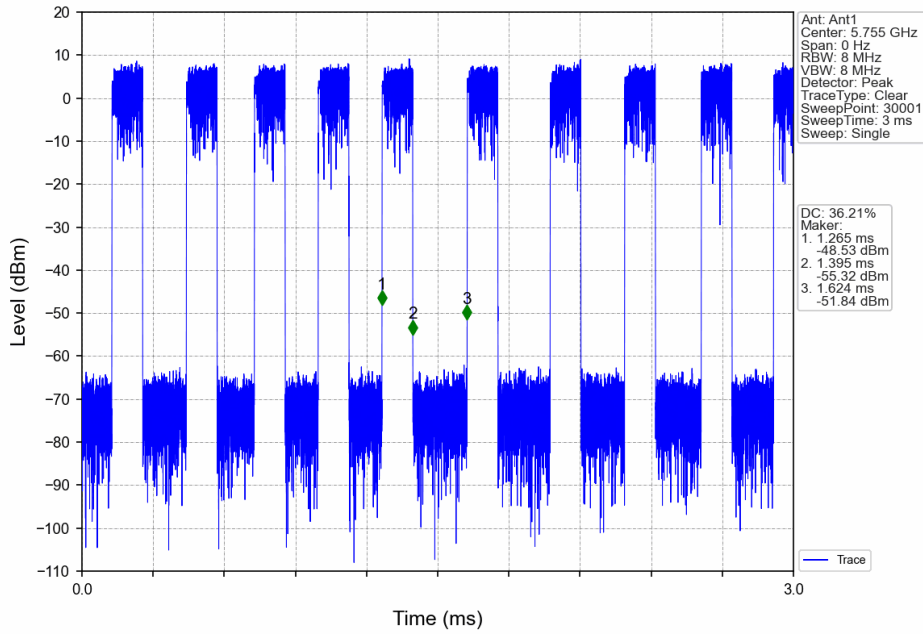


802.11ac(VHT20)\_HCH\_5825MHz\_Ant2\_NTNV

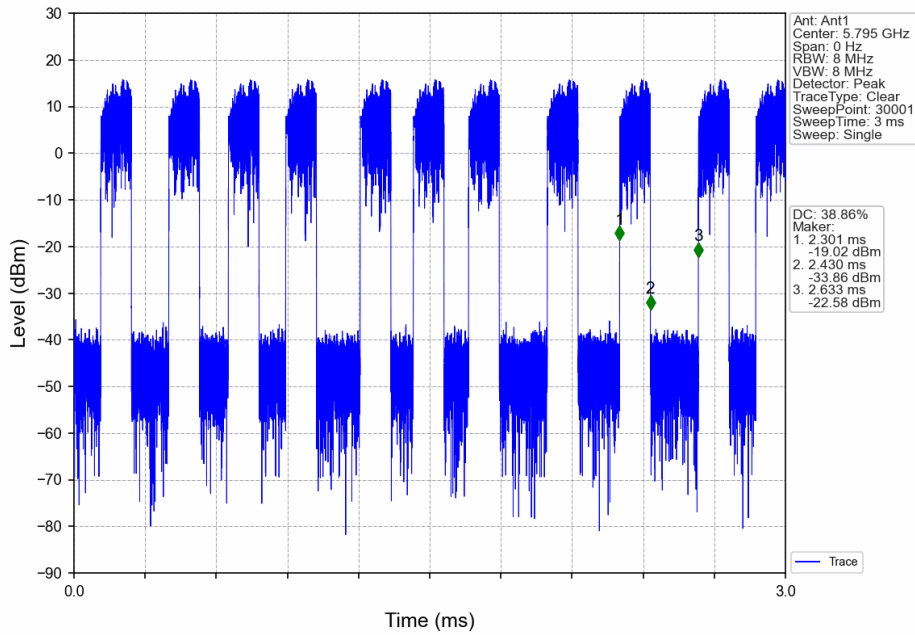




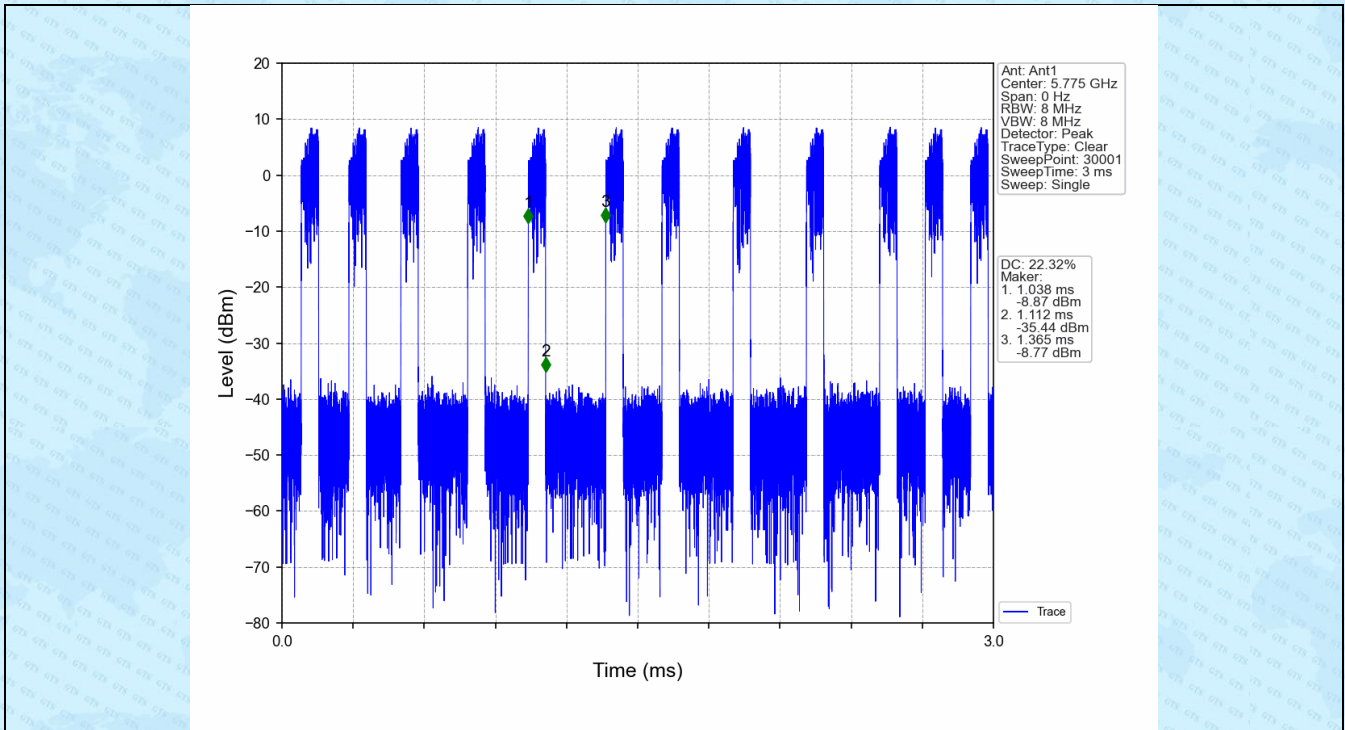
802.11ac(VHT40)\_LCH\_5755MHz\_Ant2\_NTNV



802.11ac(VHT40)\_HCH\_5795MHz\_Ant2\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant2\_NTNV





## 2. Bandwidth

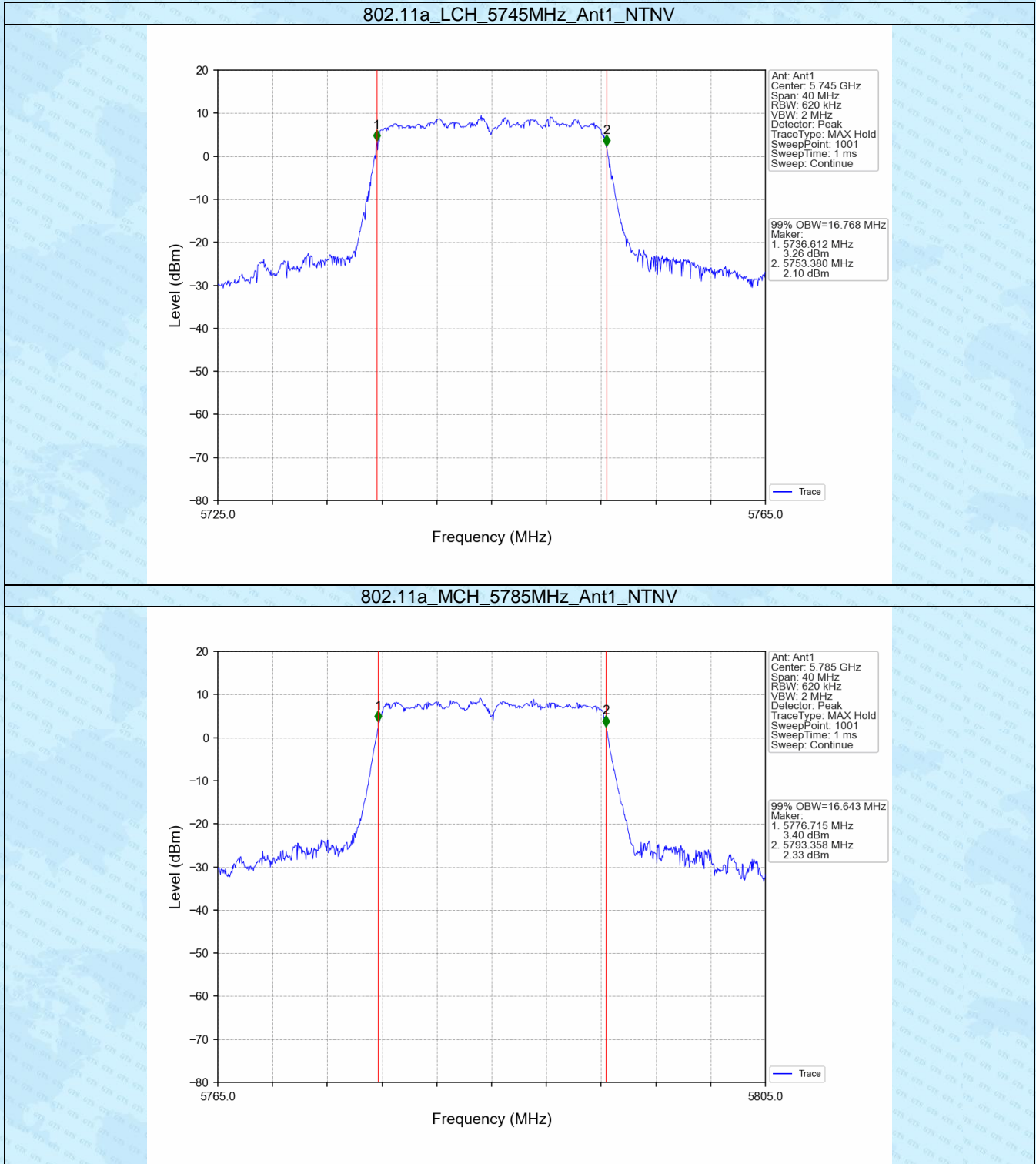
### 2.1 OBW

#### 2.1.1 Test Result

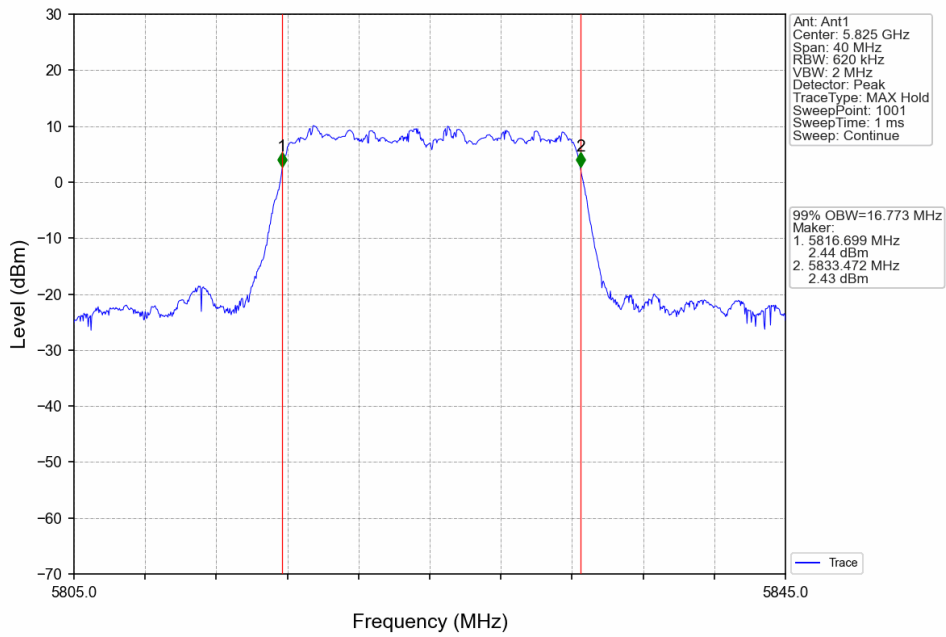
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5745	1	16.768	Pass
		5785	1	16.643	Pass
		5825	1	16.773	Pass
802.11n (HT20)	SISO	5745	1	17.925	Pass
		5785	1	17.872	Pass
		5825	1	17.827	Pass
802.11n (HT40)	SISO	5755	1	36.720	Pass
		5795	1	36.617	Pass
802.11ac (VHT20)	SISO	5745	1	17.907	Pass
		5785	1	17.884	Pass
		5825	1	18.054	Pass
802.11ac (VHT40)	SISO	5755	1	37.894	Pass
		5795	1	36.536	Pass
802.11ac (VHT80)	SISO	5775	1	75.691	Pass

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5745	2	16.698	Pass
		5785	2	16.710	Pass
		5825	2	16.684	Pass
802.11n (HT20)	SISO	5745	2	17.812	Pass
		5785	2	17.759	Pass
		5825	2	17.762	Pass
802.11n (HT40)	SISO	5755	2	36.533	Pass
		5795	2	36.403	Pass
802.11ac (VHT20)	SISO	5745	2	17.824	Pass
		5785	2	17.871	Pass
		5825	2	17.751	Pass
802.11ac (VHT40)	SISO	5755	2	36.618	Pass
		5795	2	36.459	Pass
802.11ac (VHT80)	SISO	5775	2	75.623	Pass

## 2.1.2 Test Graph

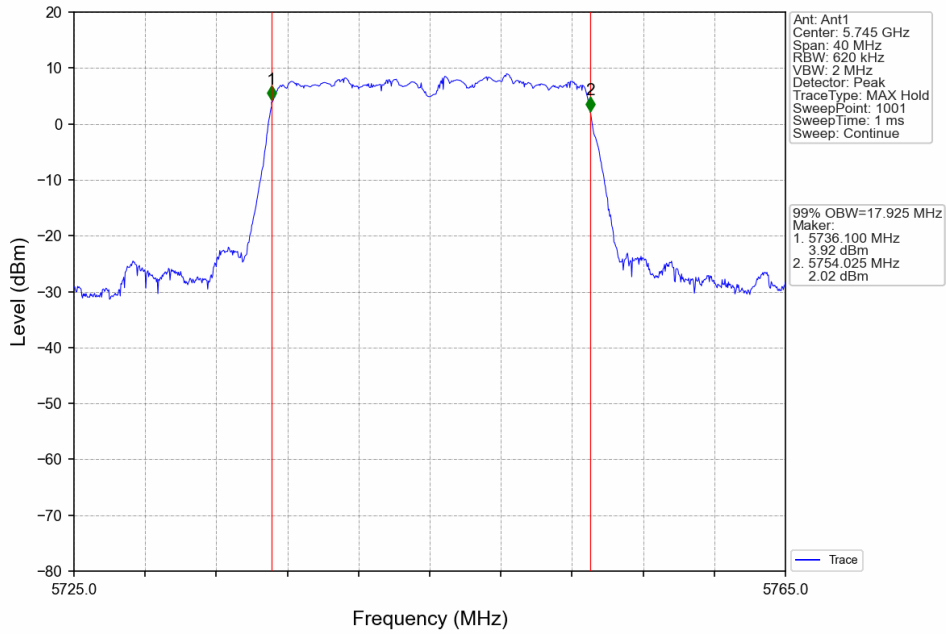


802.11a\_HCH\_5825MHz\_Ant1\_NTNV

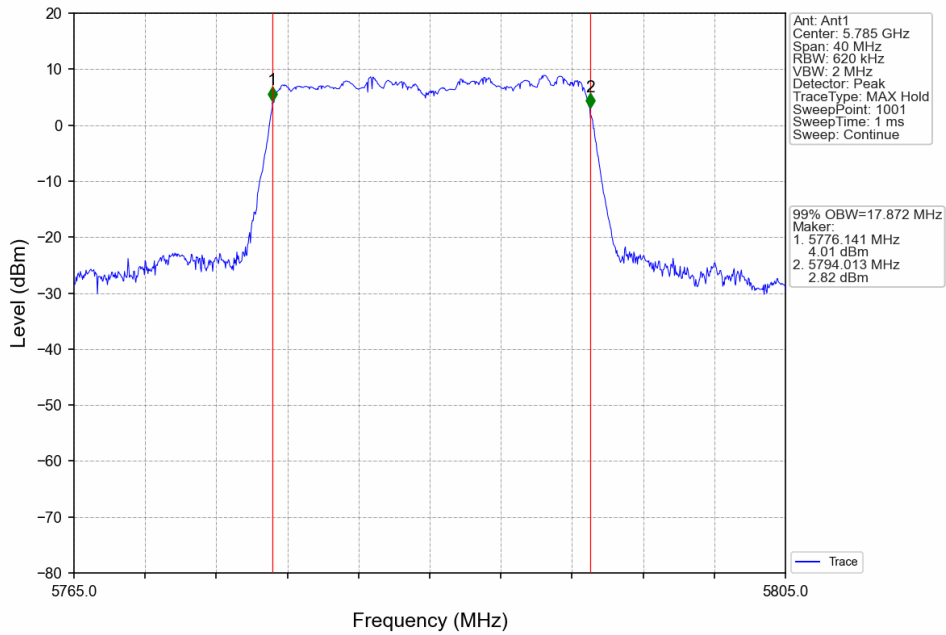




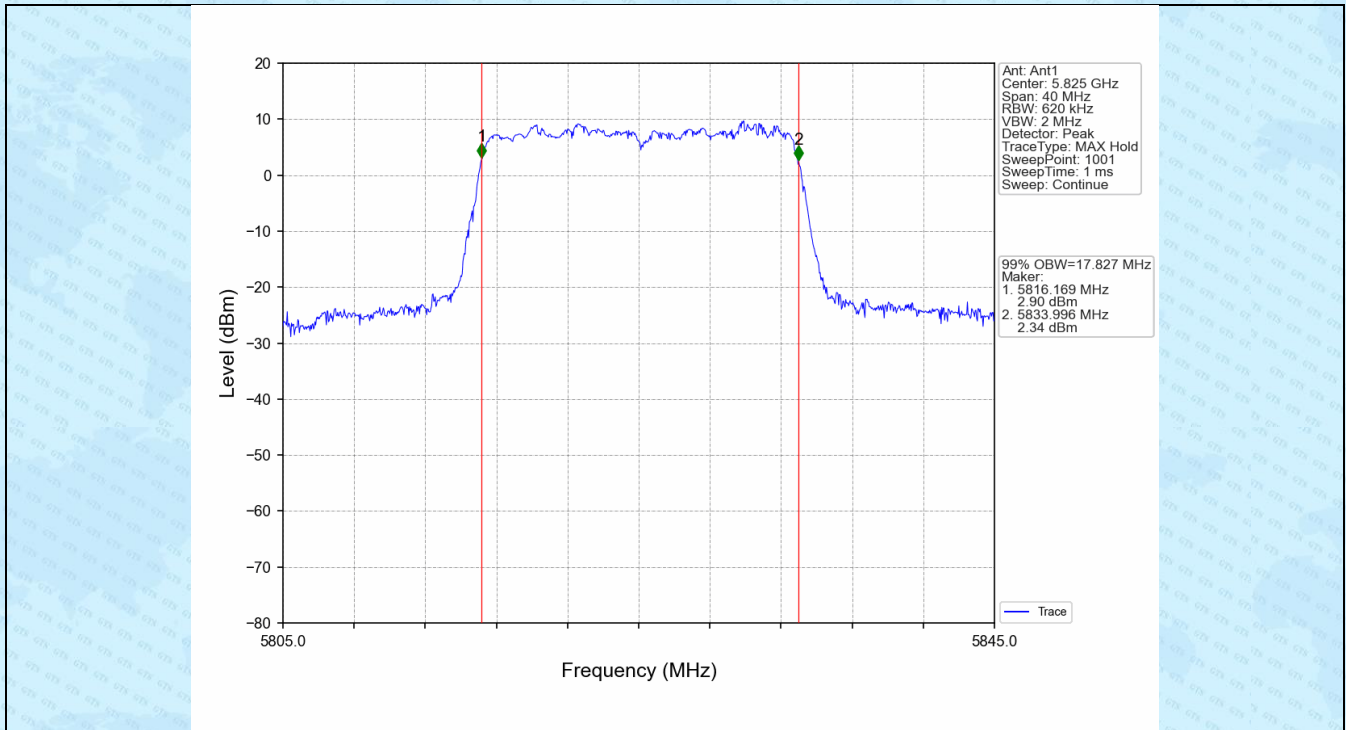
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



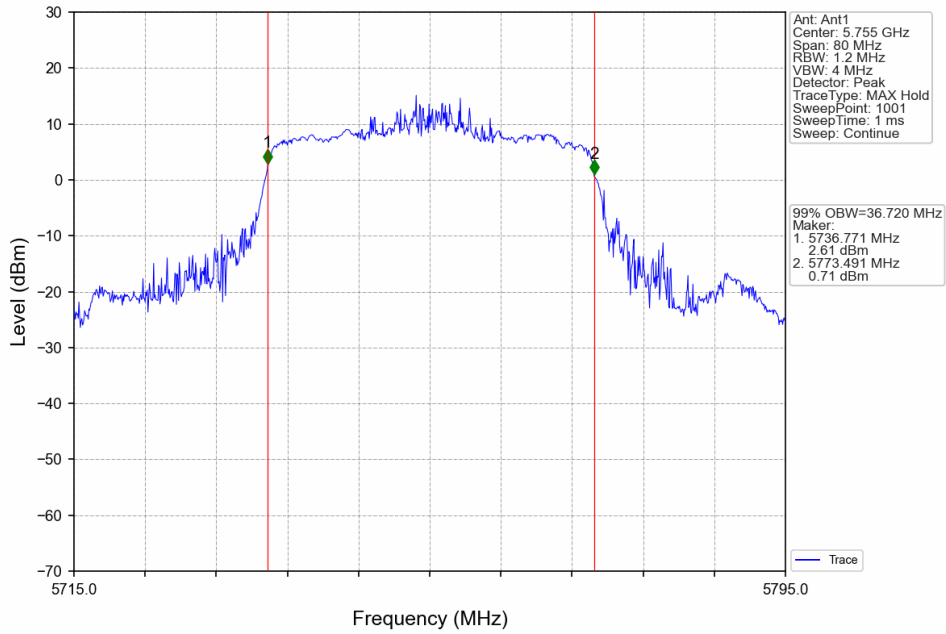
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



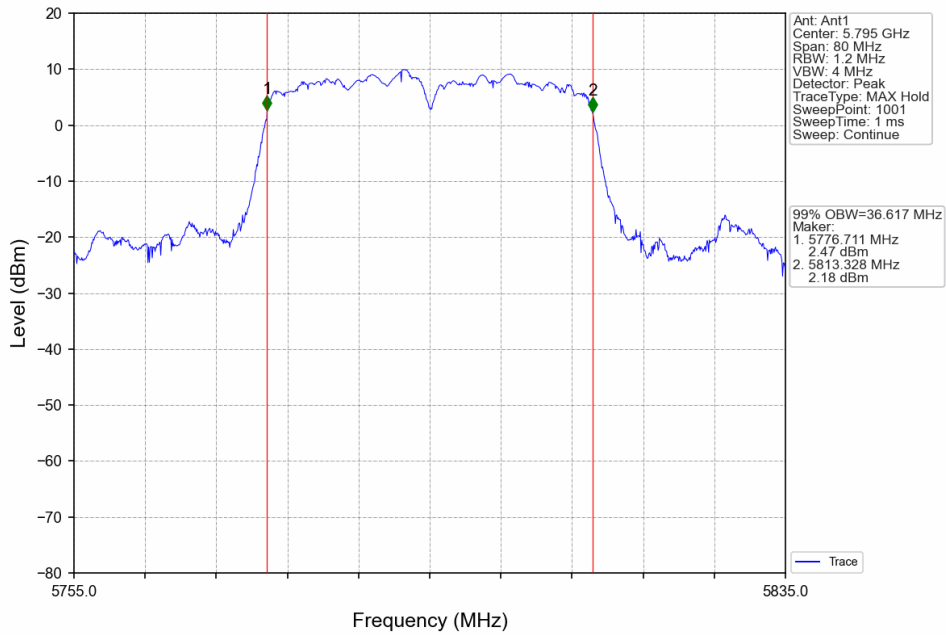
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV

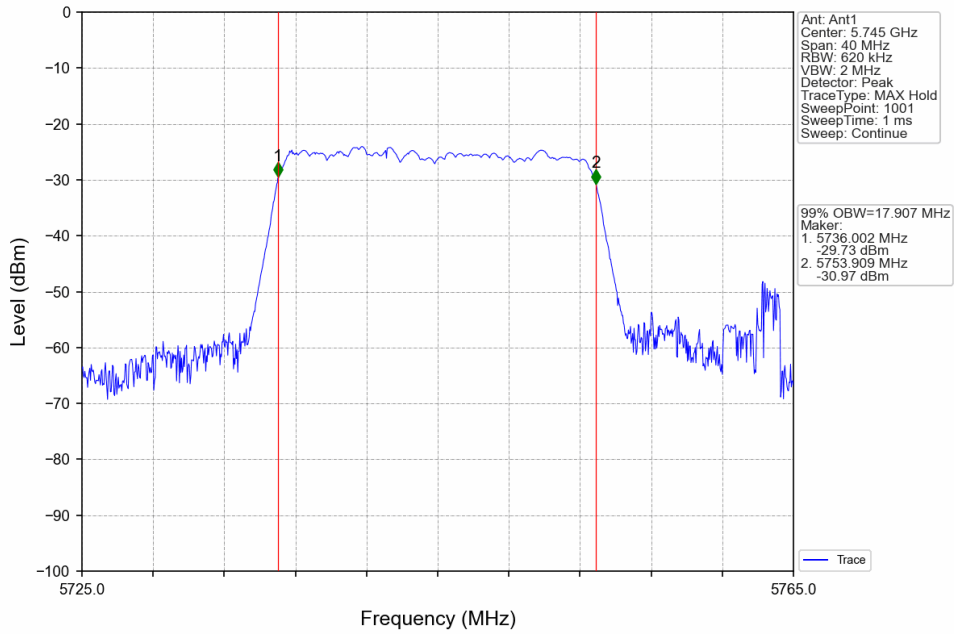


802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV

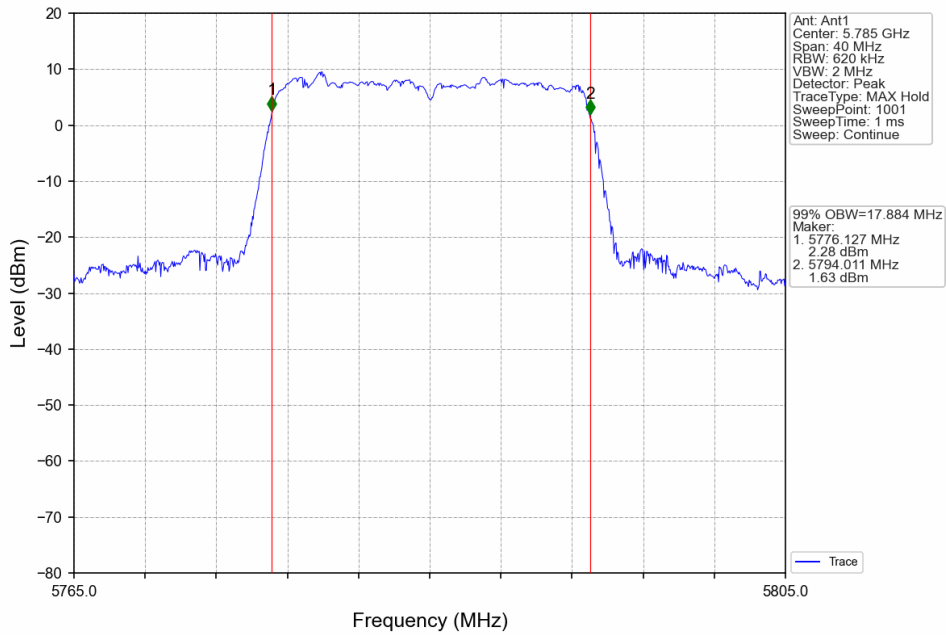




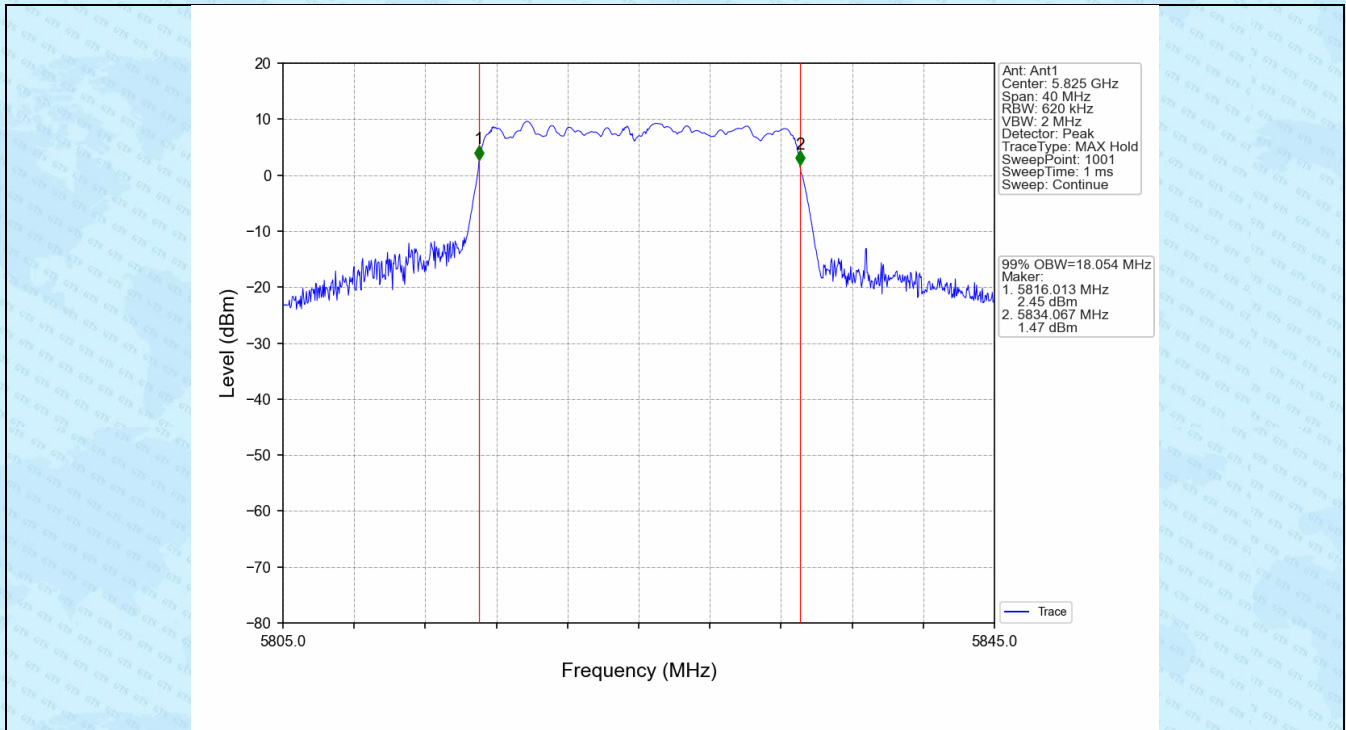
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



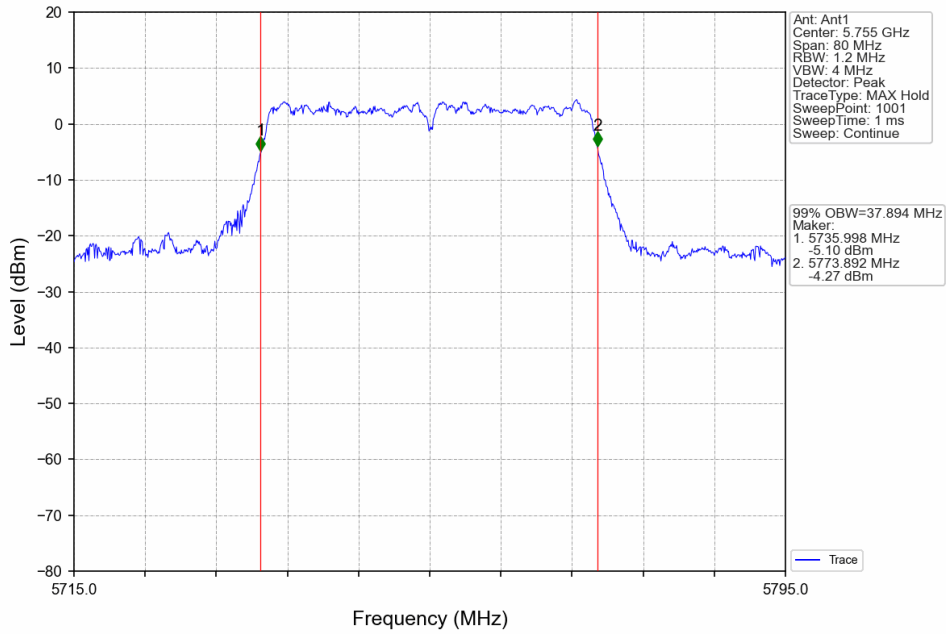
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



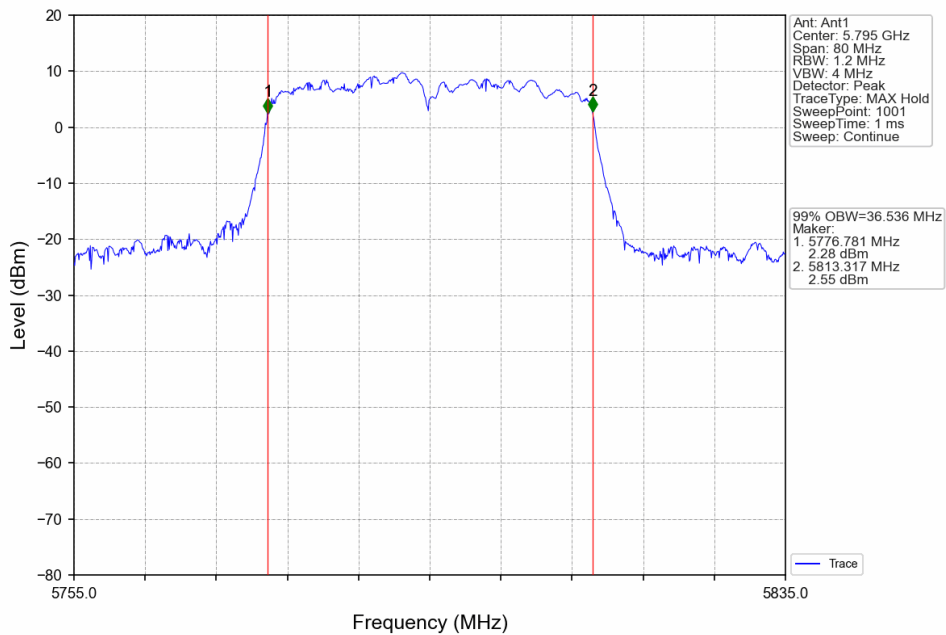
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV

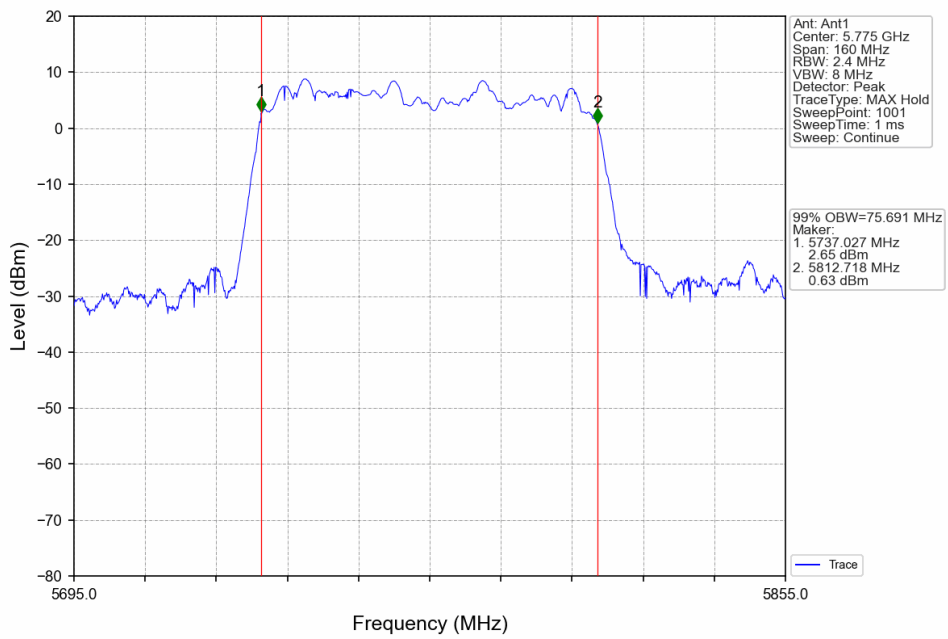


802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV

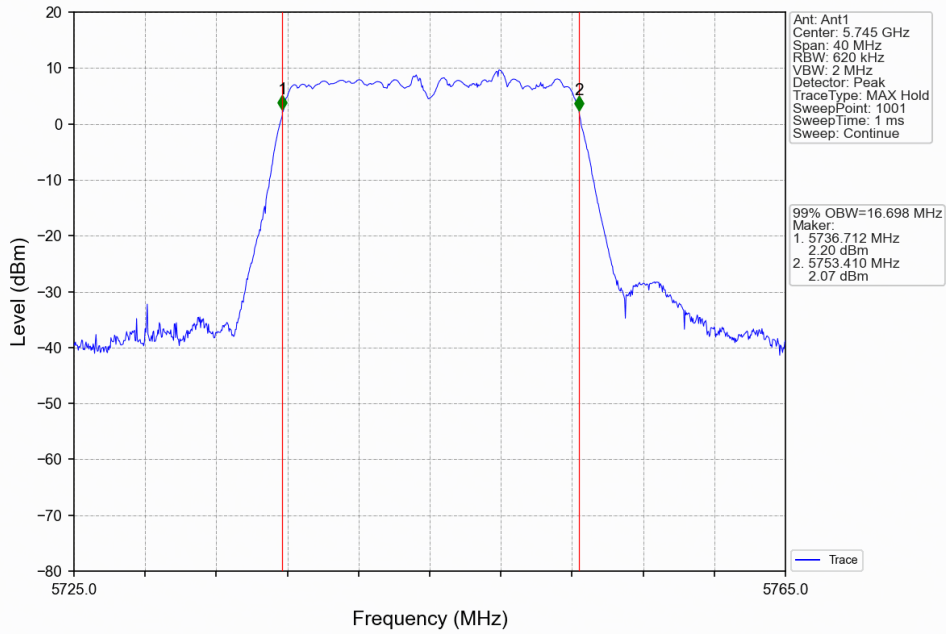




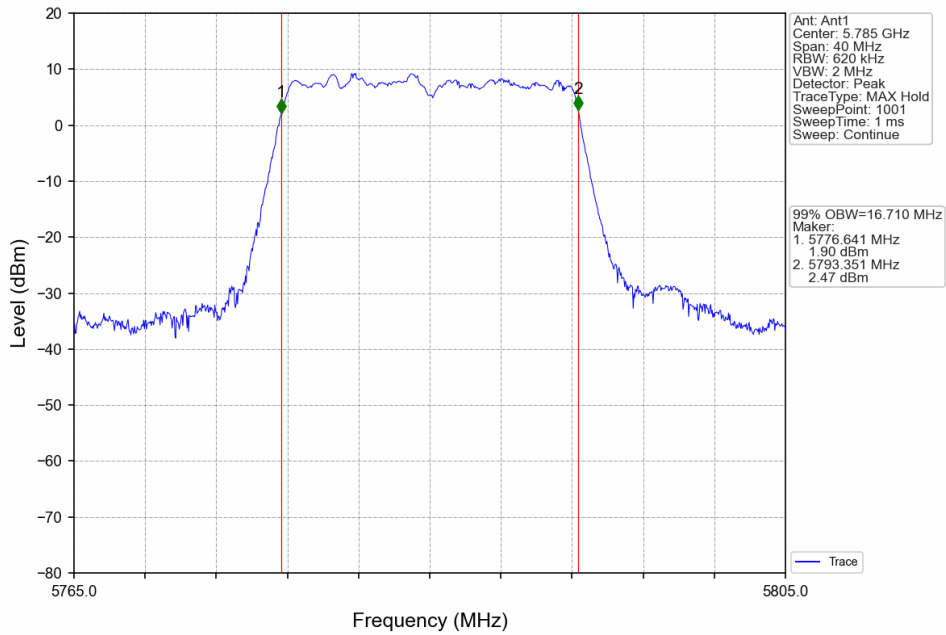
802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



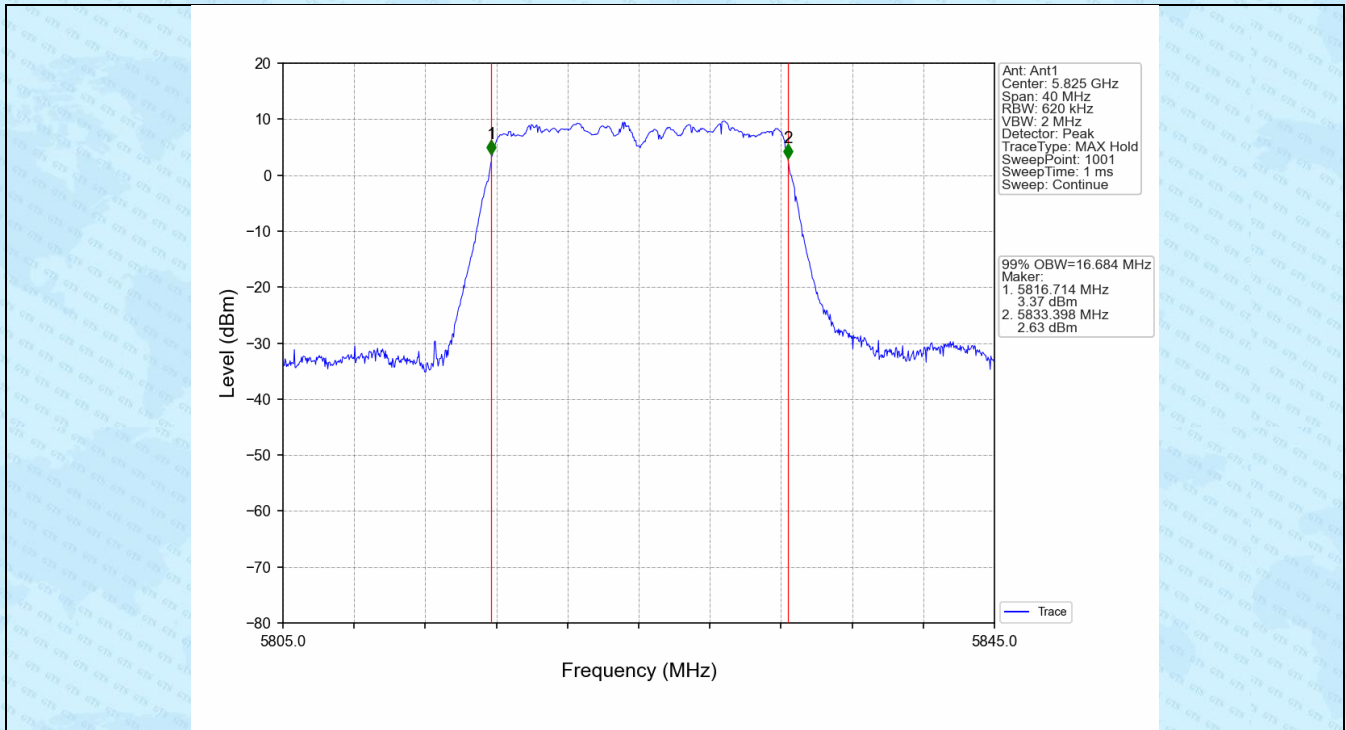
802.11a\_LCH\_5745MHz\_Ant2\_NTNV



802.11a\_MCH\_5785MHz\_Ant2\_NTNV

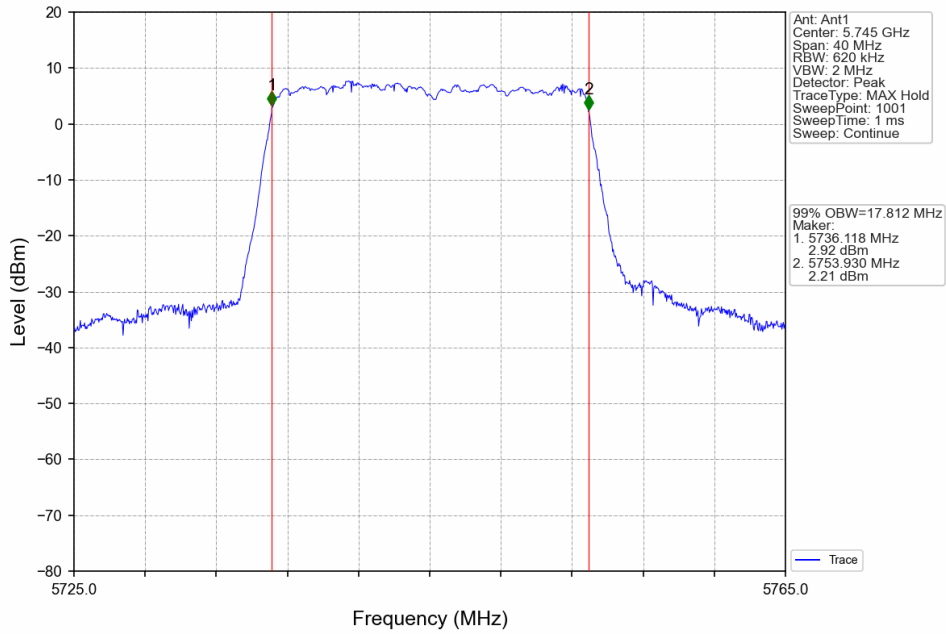


802.11a\_HCH\_5825MHz\_Ant2\_NTNV

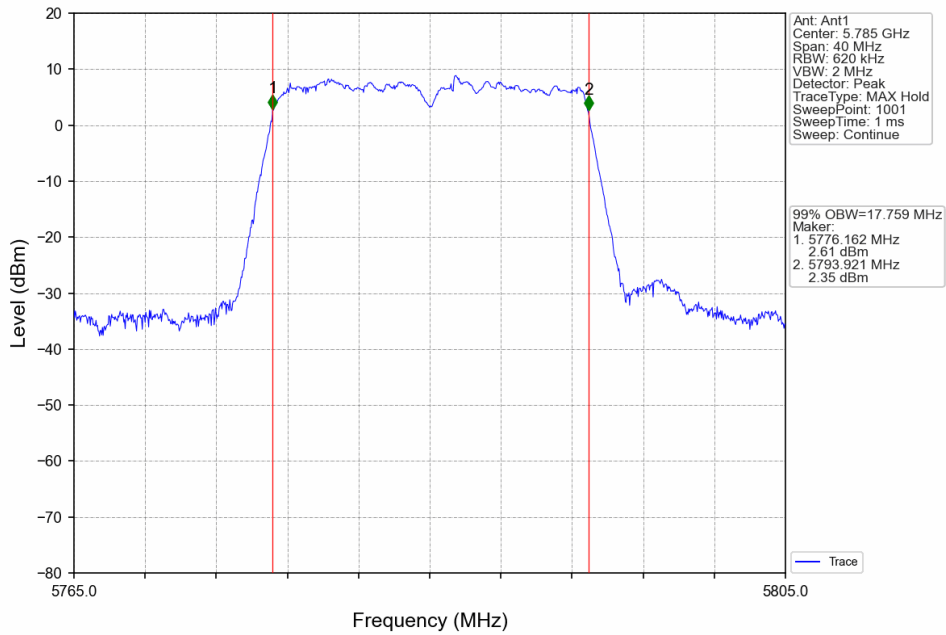




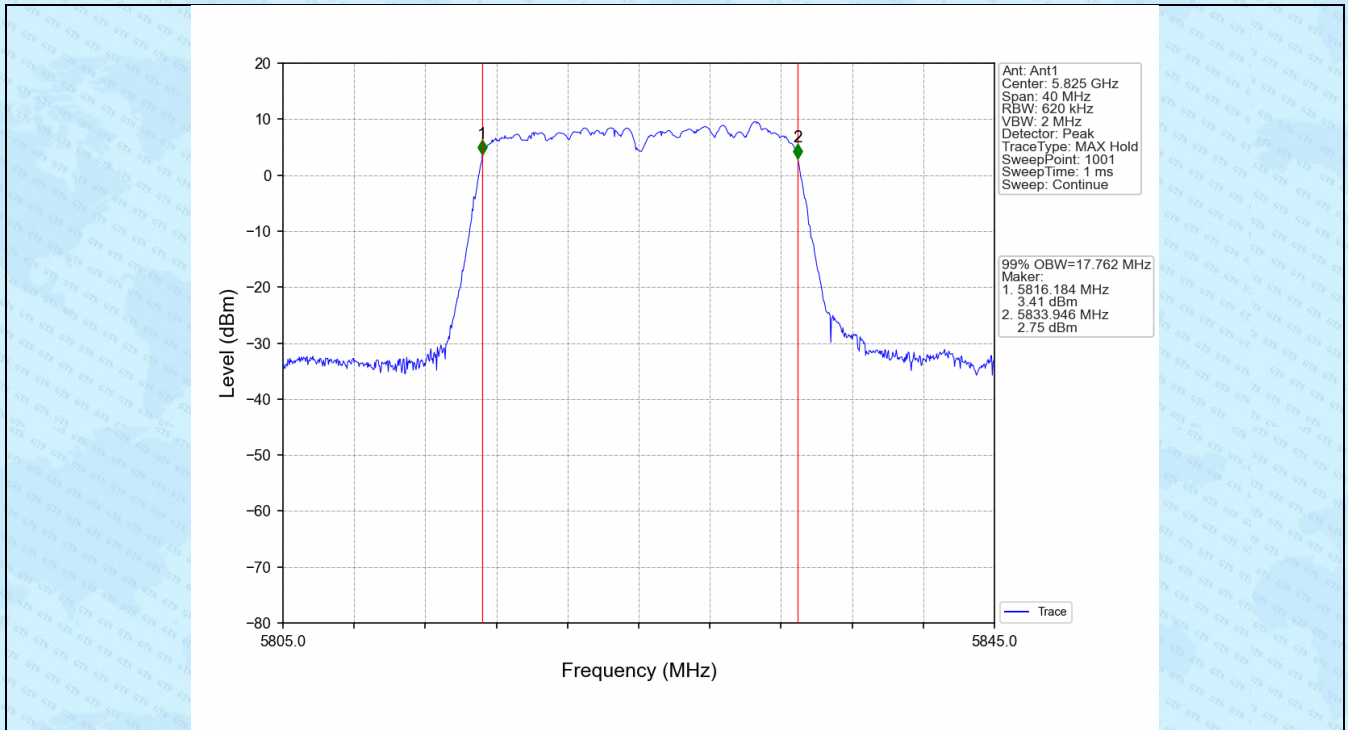
802.11n(HT20)\_LCH\_5745MHz\_Ant2\_NTNV



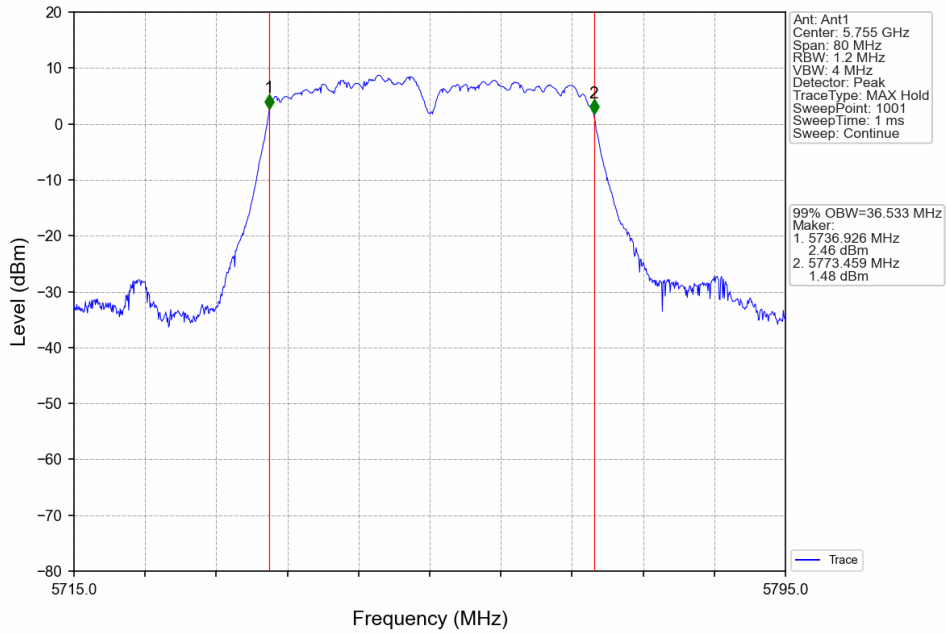
802.11n(HT20)\_MCH\_5785MHz\_Ant2\_NTNV



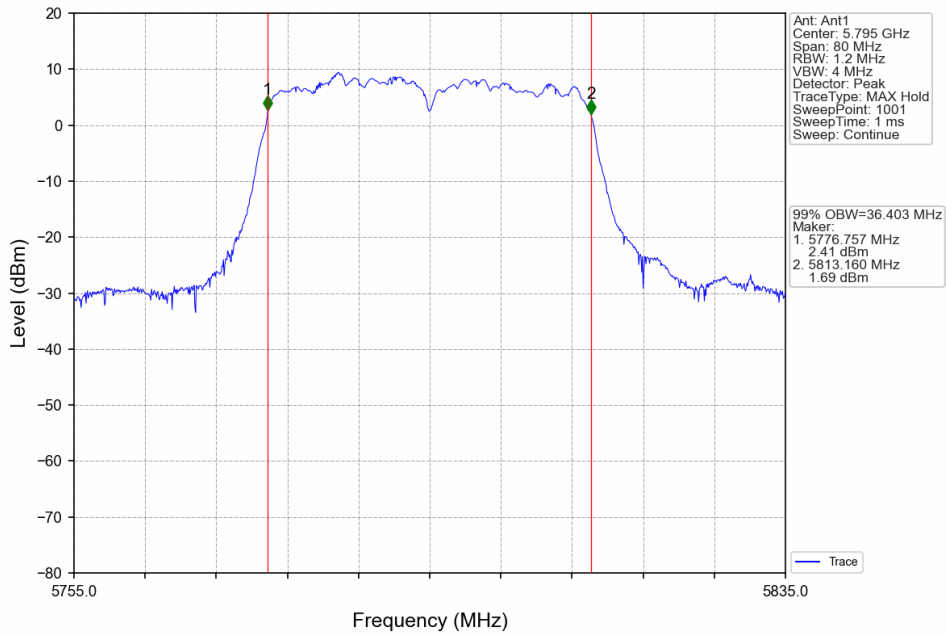
802.11n(HT20)\_HCH\_5825MHz\_Ant2\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant2\_NTNV

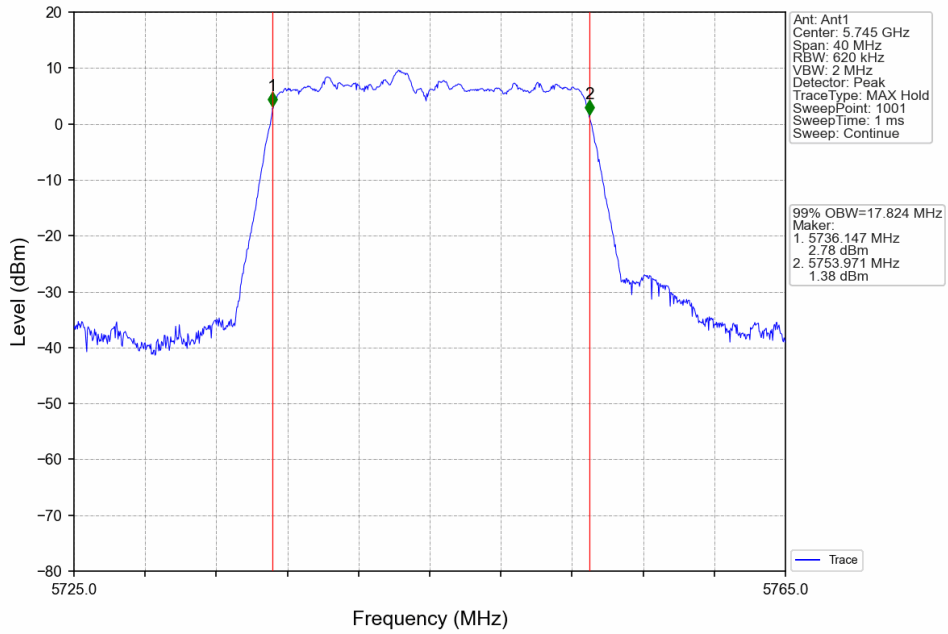


802.11n(HT40)\_HCH\_5795MHz\_Ant2\_NTNV

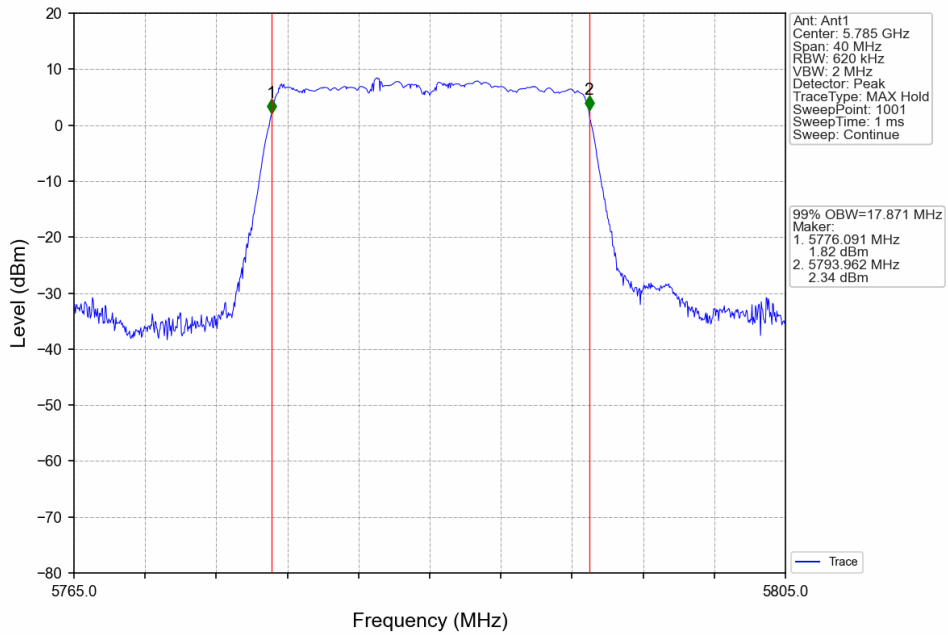




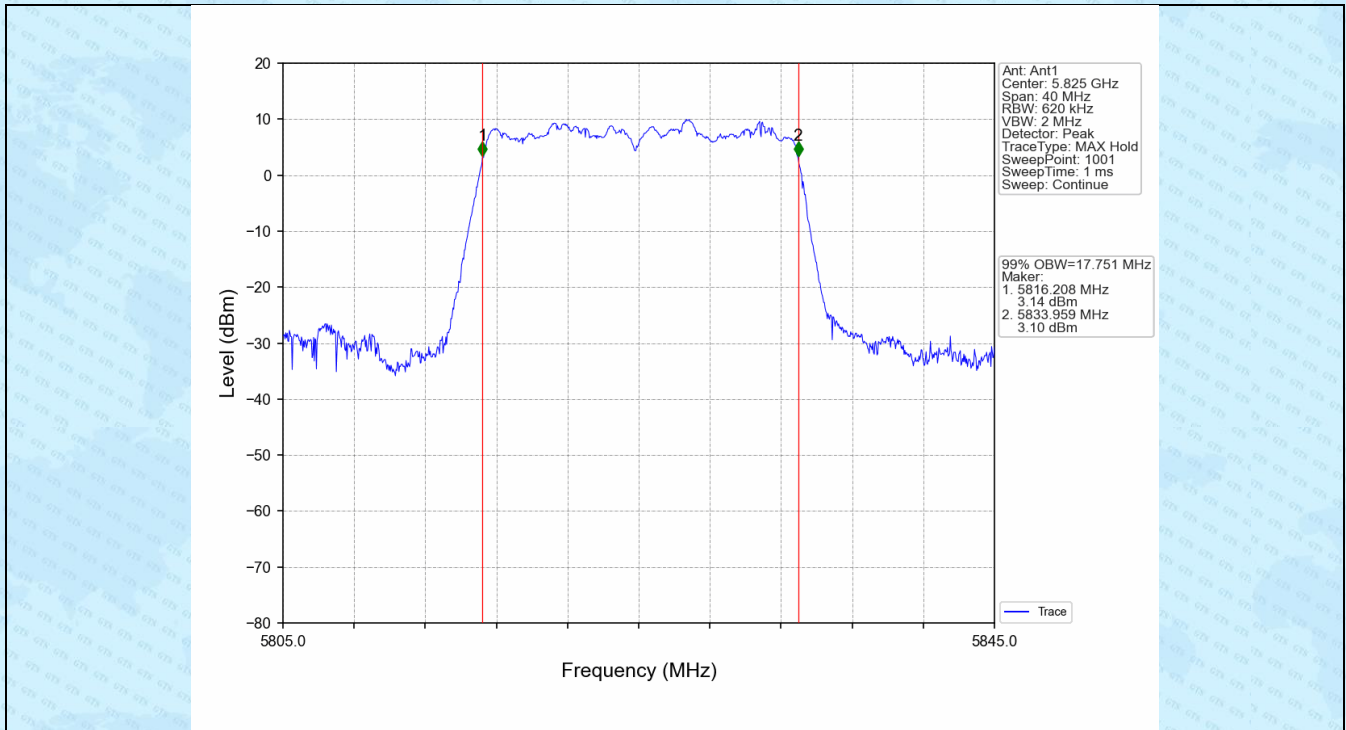
802.11ac(VHT20)\_LCH\_5745MHz\_Ant2\_NTNV



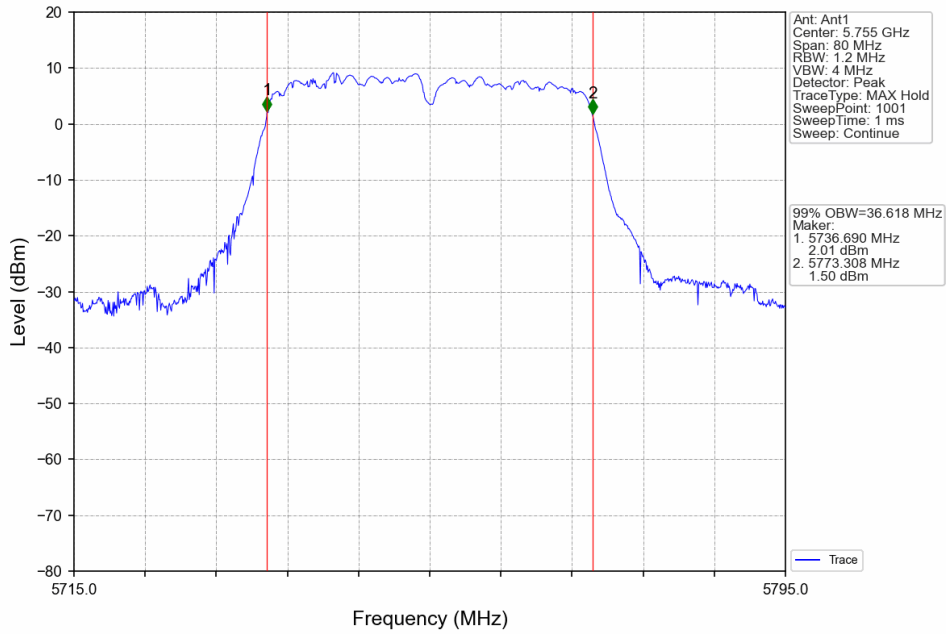
802.11ac(VHT20)\_MCH\_5785MHz\_Ant2\_NTNV



802.11ac(VHT20)\_HCH\_5825MHz\_Ant2\_NTNV



802.11ac(VHT40)\_LCH\_5755MHz\_Ant2\_NTNV



802.11ac(VHT40)\_HCH\_5795MHz\_Ant2\_NTNV

