

1. Duty Cycle

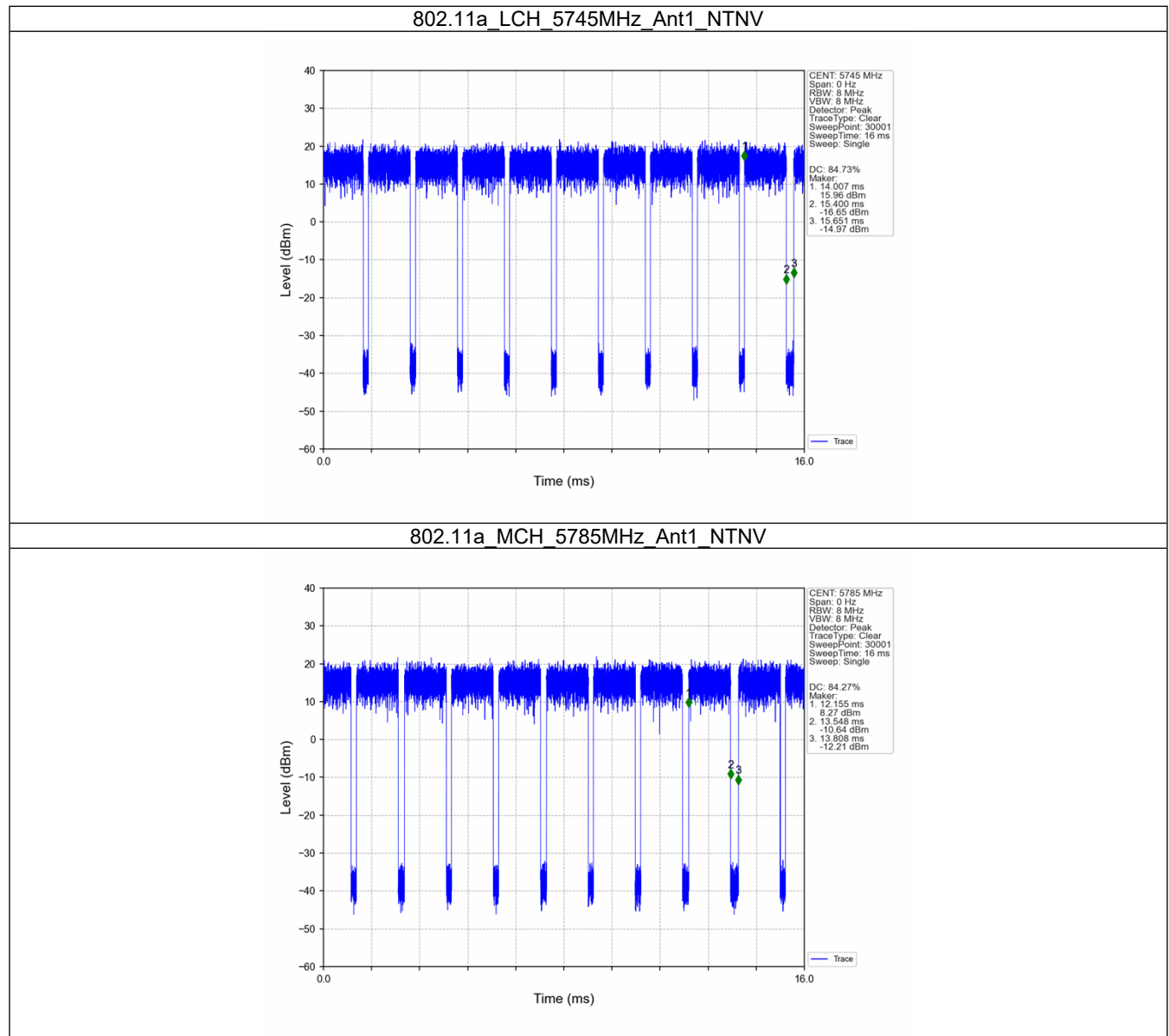
1.1 Test Result

1.1.1 Ant1

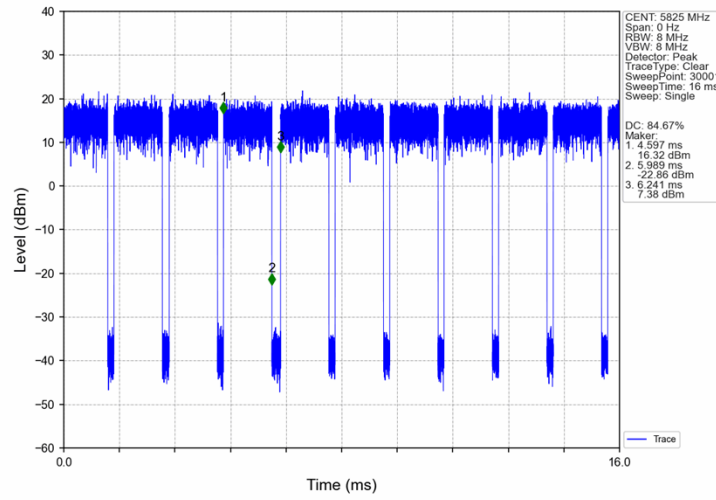
Ant1							
Mode	TX Type	Frequency (MHz)	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	1.393	1.644	84.73	0.72	4.40
		5785	1.393	1.653	84.27	0.74	4.87
		5825	1.392	1.644	84.67	0.72	4.37
802.11n (HT20)	SISO	5745	1.174	1.453	80.80	0.93	6.52
		5785	1.174	1.471	79.81	0.98	7.49
		5825	1.174	1.426	82.33	0.84	5.01
802.11n (HT40)	SISO	5755	0.588	0.793	74.15	1.30	4.47
		5795	0.587	0.865	67.86	1.68	10.60
802.11ac (VHT20)	SISO	5745	1.185	1.473	80.45	0.94	6.95
		5785	1.186	1.464	81.01	0.91	6.44
		5825	1.185	1.428	82.98	0.81	4.98
802.11ac (VHT40)	SISO	5755	0.592	0.850	69.65	1.57	8.16
		5795	0.592	0.842	70.31	1.53	7.49
802.11ac (VHT80)	SISO	5775	0.302	0.502	60.16	2.21	4.69

1.2 Test Graph

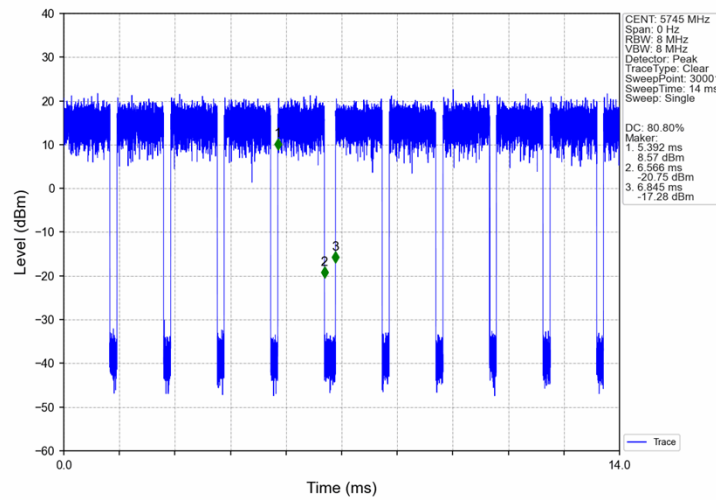
1.2.1 Ant1



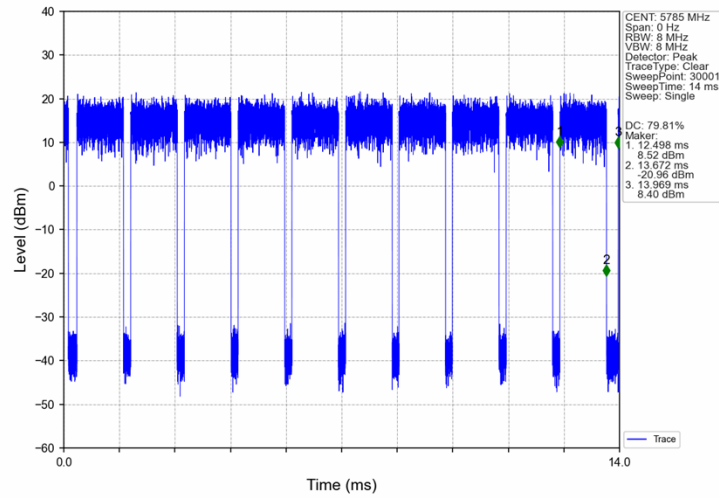
802.11a_HCH_5825MHz_Ant1_NTNV



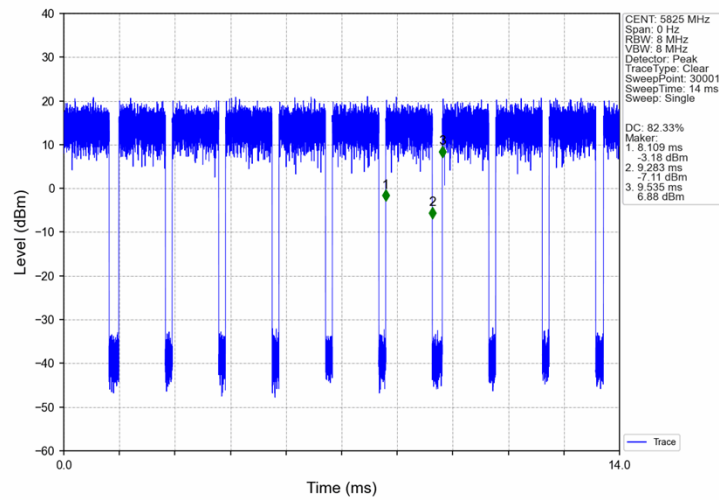
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



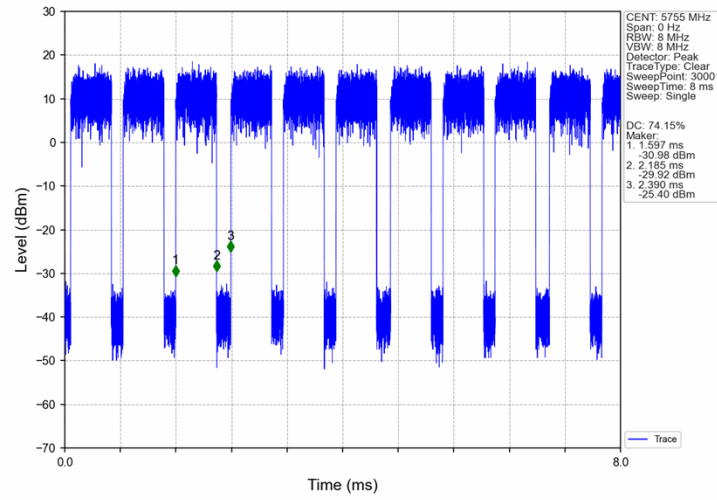
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



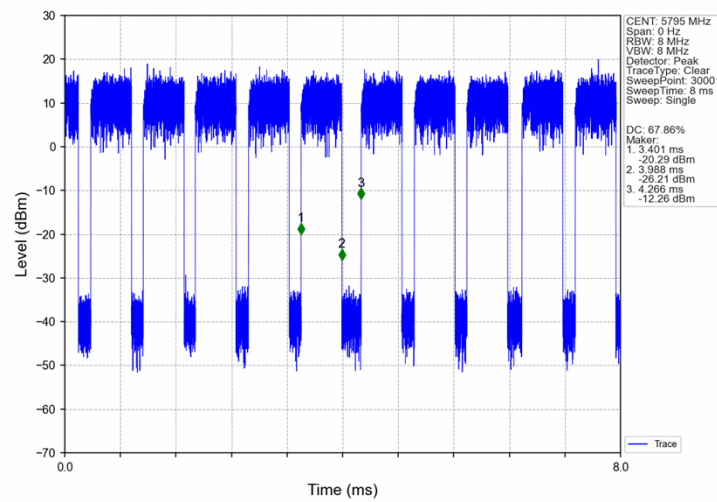
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



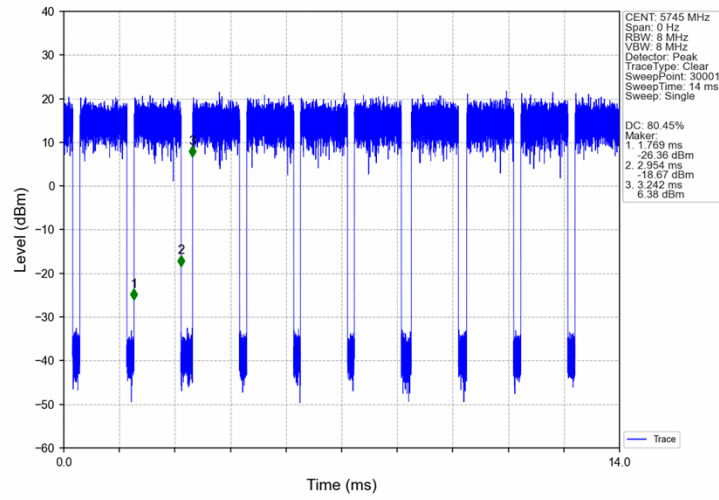
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



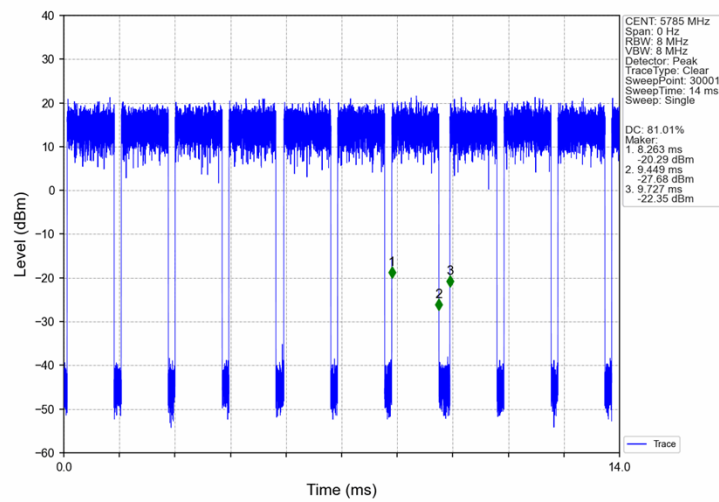
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



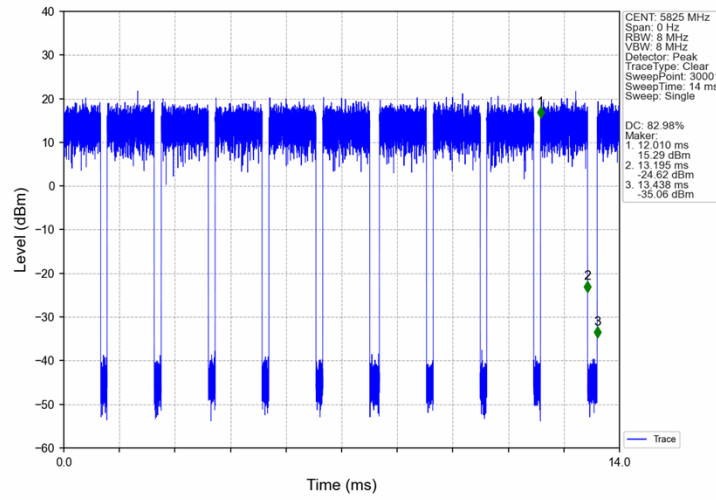
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



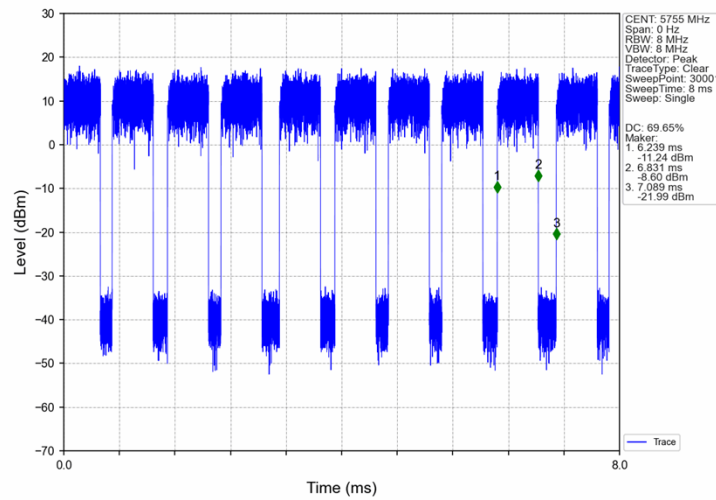
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



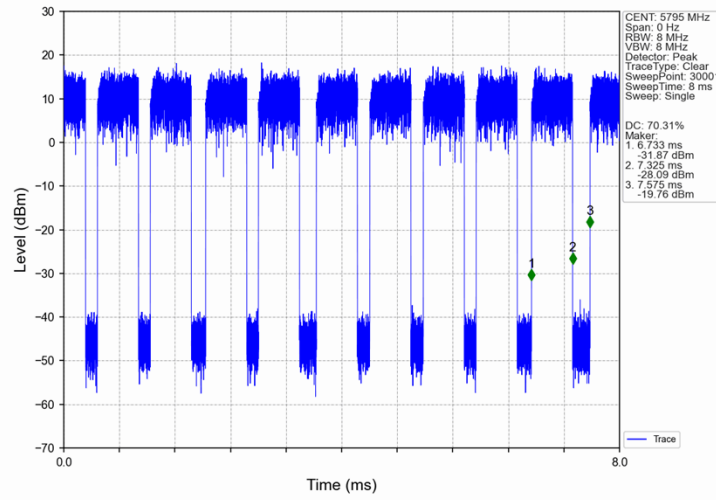
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



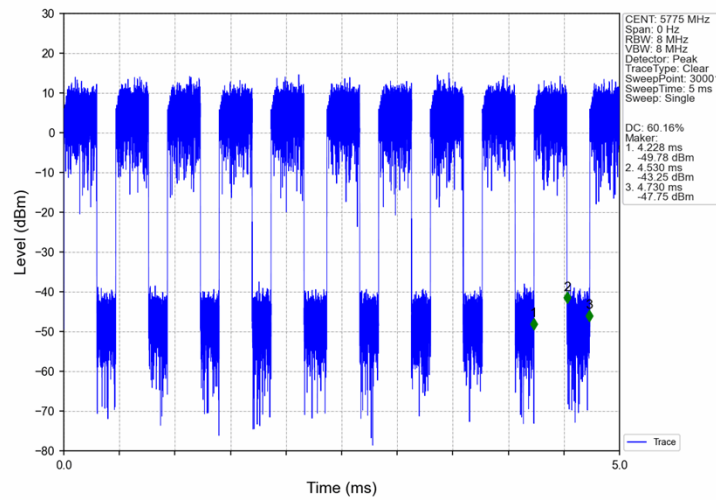
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

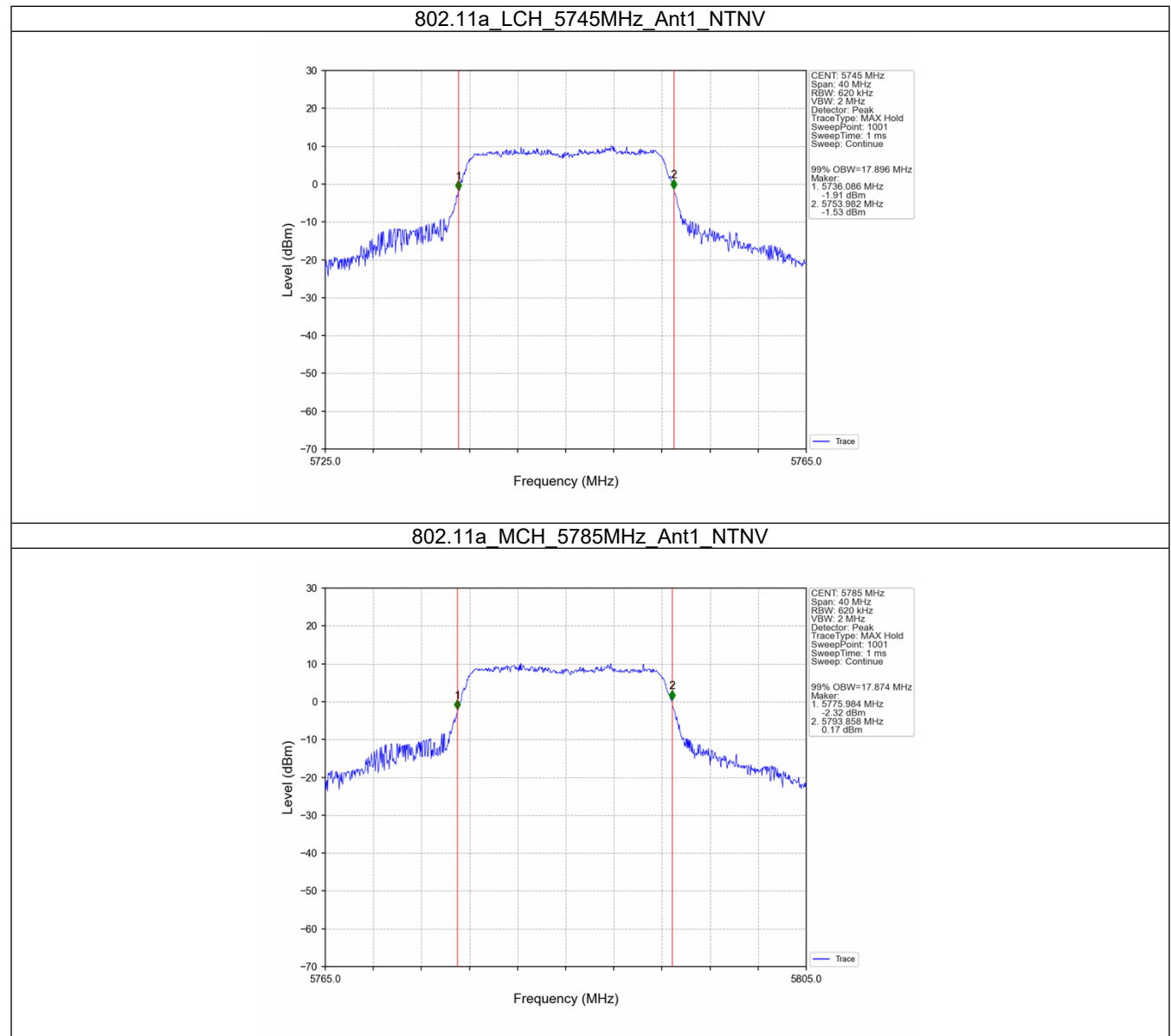
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	17.896	/	Pass
		5785	1	17.874	/	Pass
		5825	1	17.873	/	Pass
802.11n (HT20)	SISO	5745	1	19.116	/	Pass
		5785	1	19.404	/	Pass
		5825	1	19.358	/	Pass
802.11n (HT40)	SISO	5755	1	37.484	/	Pass
		5795	1	38.088	/	Pass
802.11ac (VHT20)	SISO	5745	1	18.401	/	Pass
		5785	1	18.320	/	Pass
		5825	1	18.385	/	Pass
802.11ac (VHT40)	SISO	5755	1	37.359	/	Pass
		5795	1	37.748	/	Pass
802.11ac (VHT80)	SISO	5775	1	76.342	/	Pass

2.1.2 6dB BW

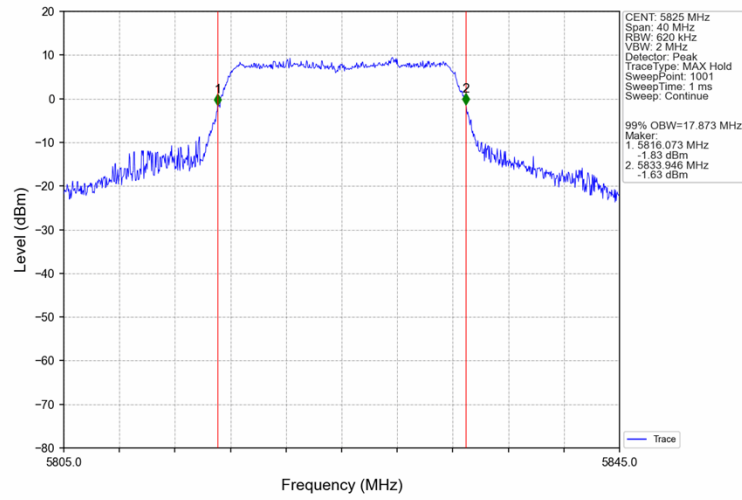
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.404	≥ 0.5	Pass
		5785	1	16.401	≥ 0.5	Pass
		5825	1	16.382	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	17.374	≥ 0.5	Pass
		5785	1	17.286	≥ 0.5	Pass
		5825	1	17.315	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	36.404	≥ 0.5	Pass
		5795	1	36.203	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.426	≥ 0.5	Pass
		5785	1	17.306	≥ 0.5	Pass
		5825	1	17.363	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	36.094	≥ 0.5	Pass
		5795	1	36.234	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.929	≥ 0.5	Pass

2.2 Test Graph

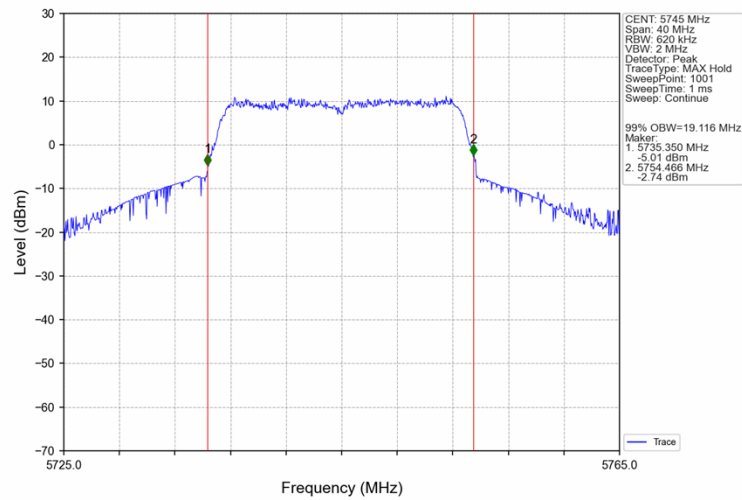
2.2.1 OBW



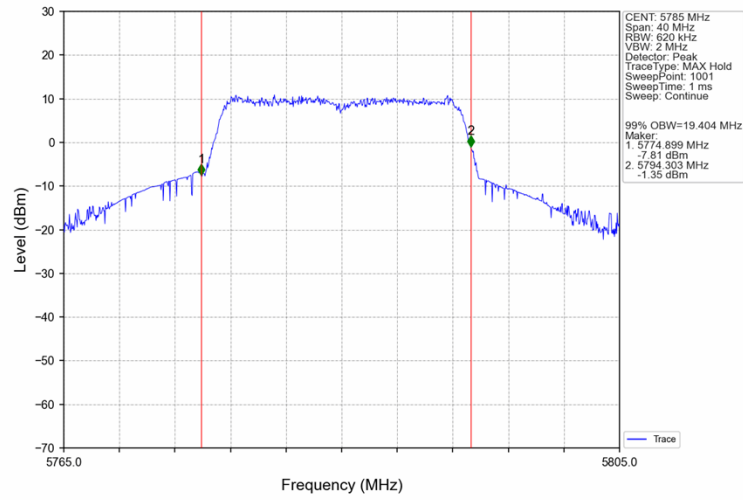
802.11a_HCH_5825MHz_Ant1_NTNV



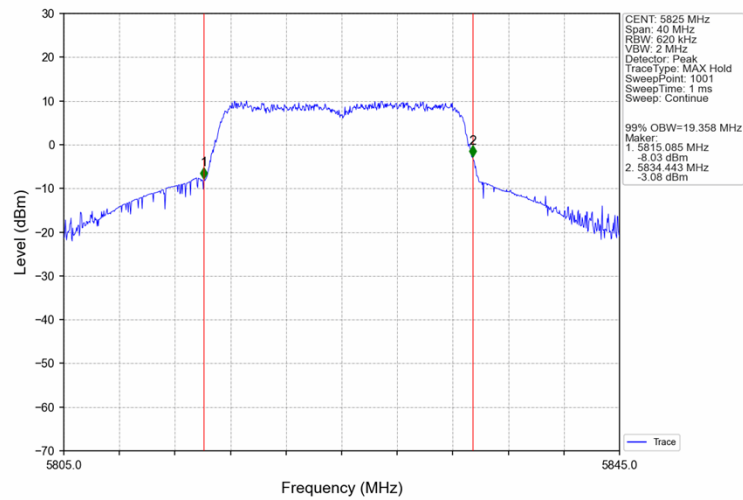
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



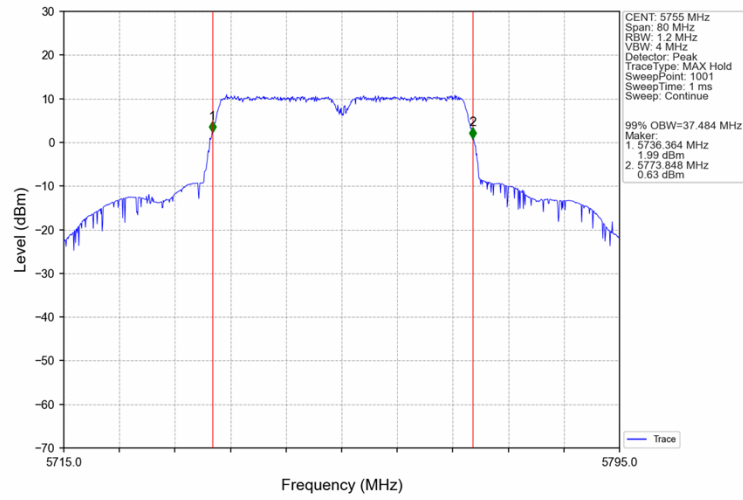
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



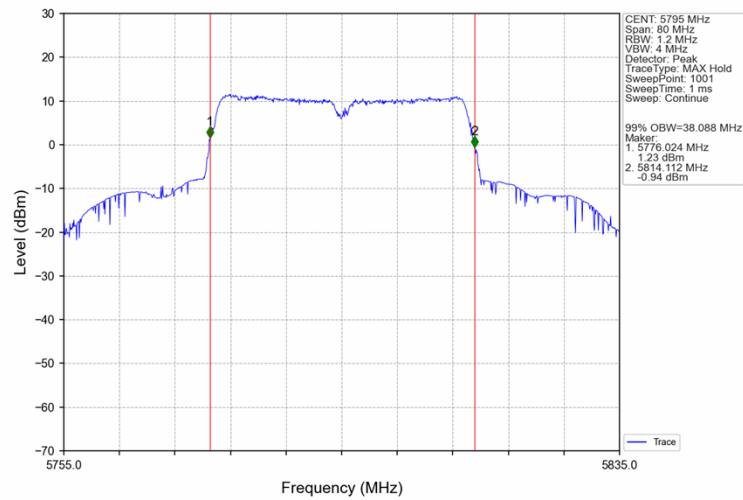
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



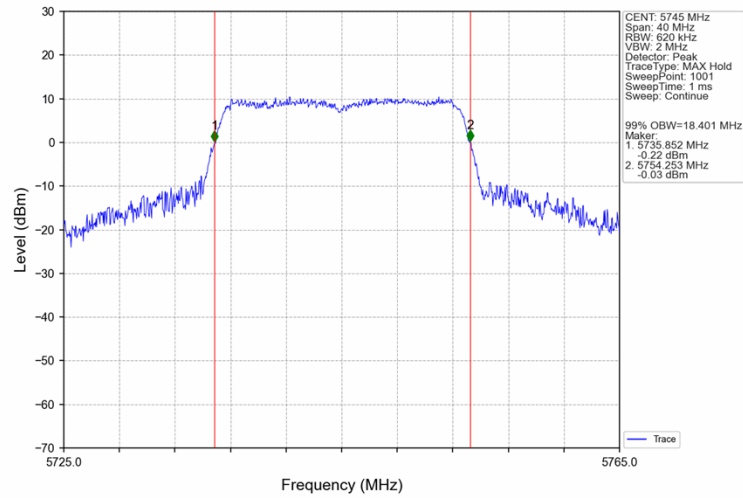
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



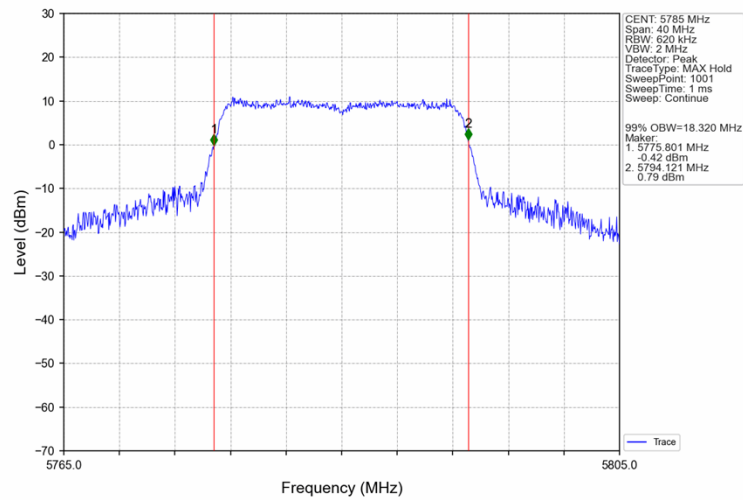
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



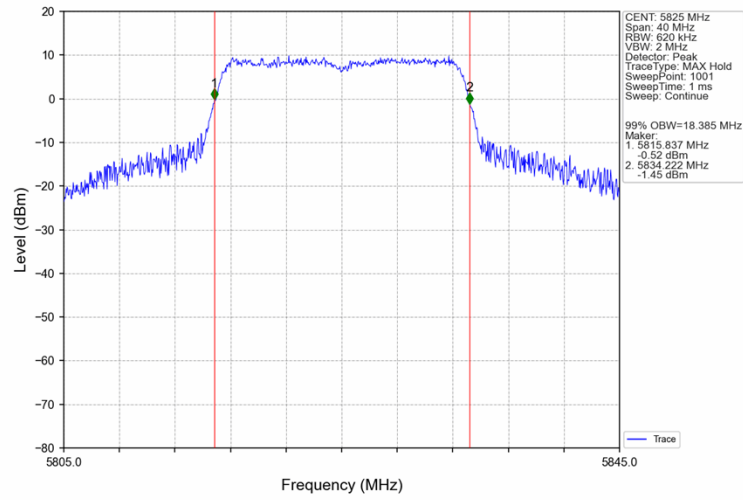
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



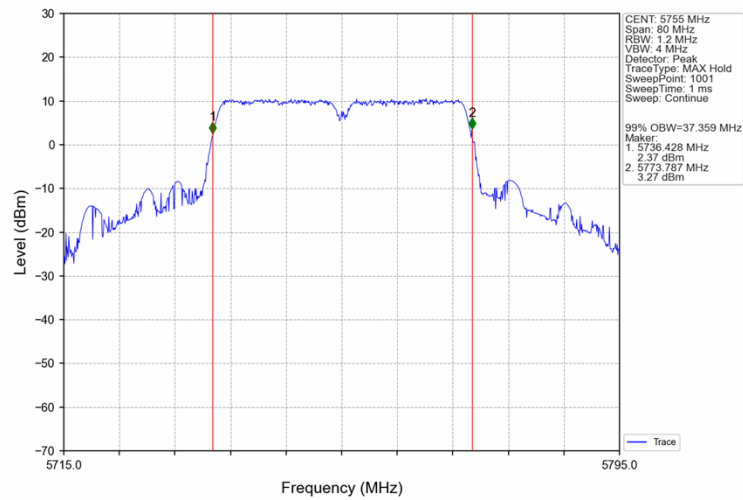
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



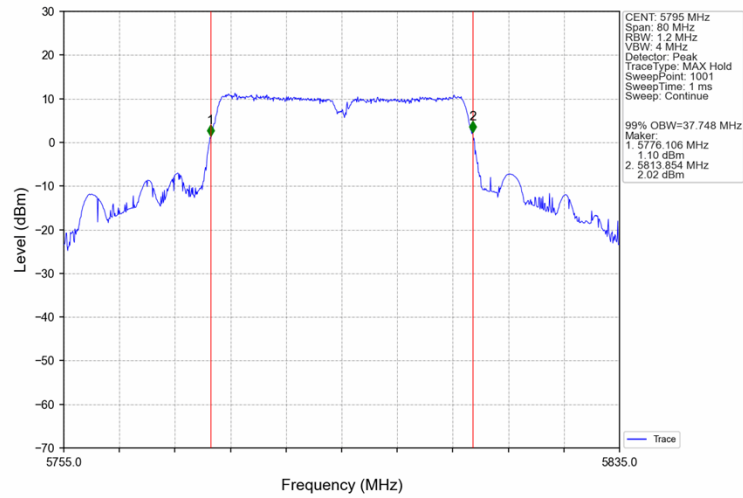
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



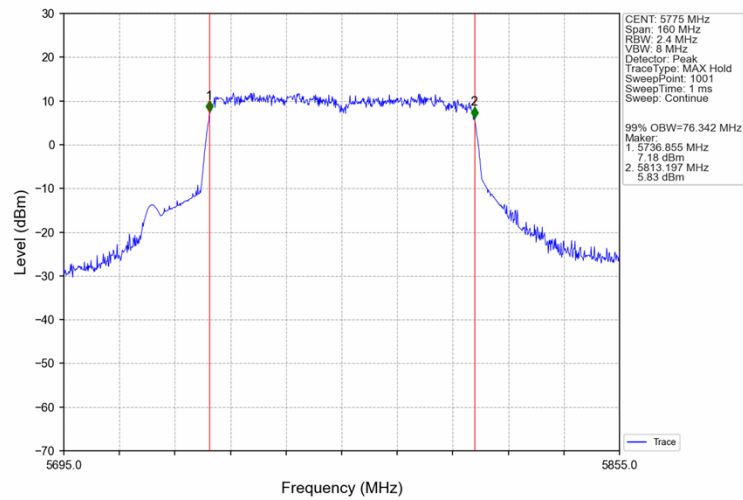
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

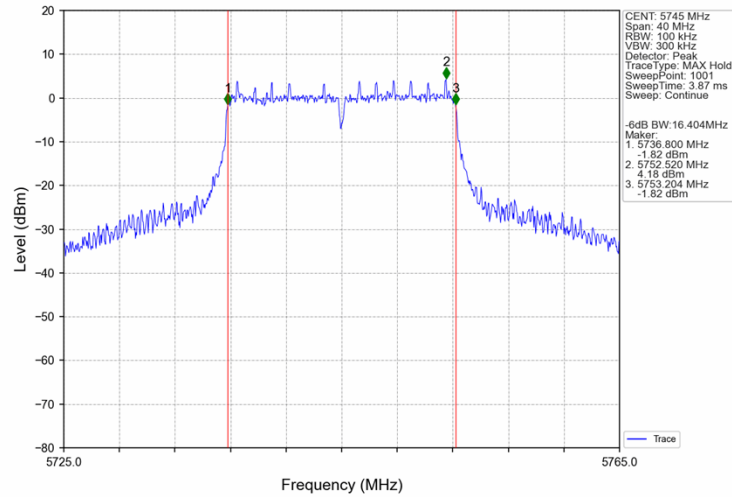


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

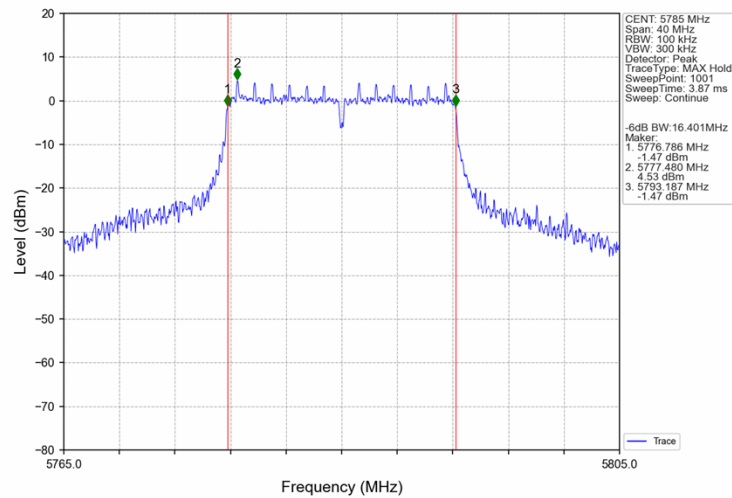


2.2.2 6dB BW

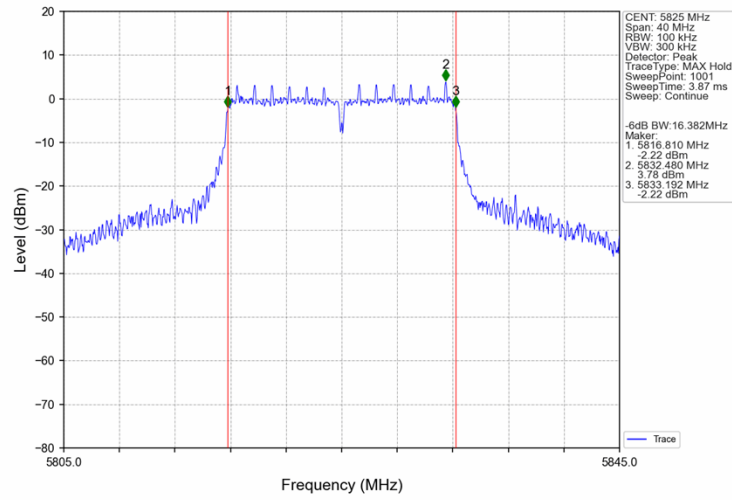
802.11a_LCH_5745MHz_Ant1_NTNV



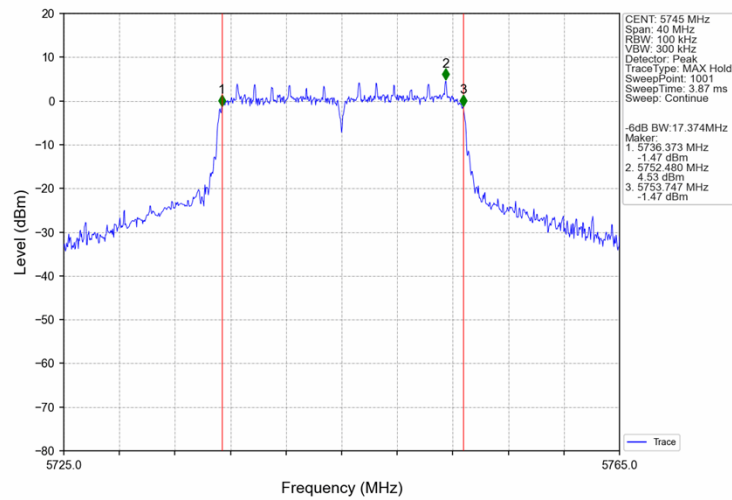
802.11a_MCH_5785MHz_Ant1_NTNV



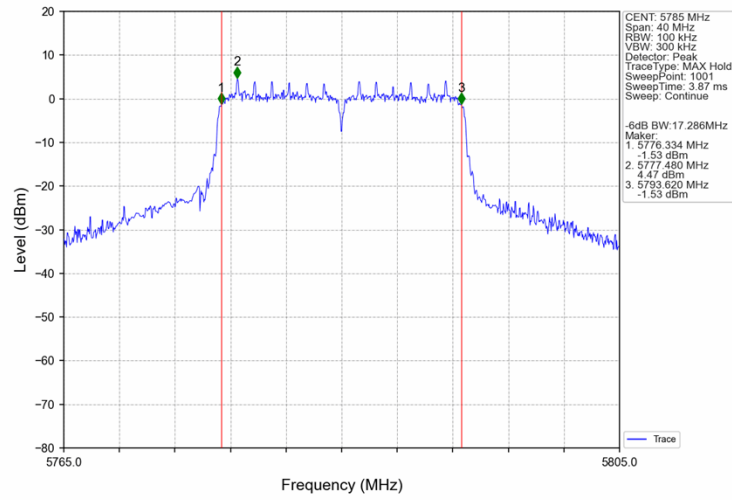
802.11a_HCH_5825MHz_Ant1_NTNV



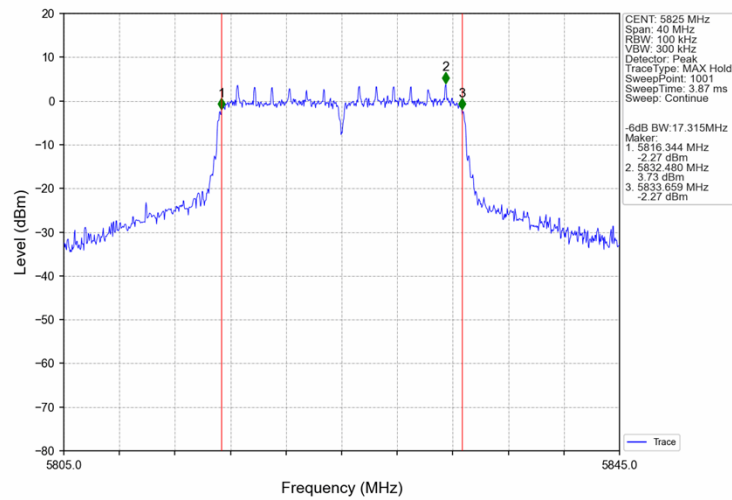
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



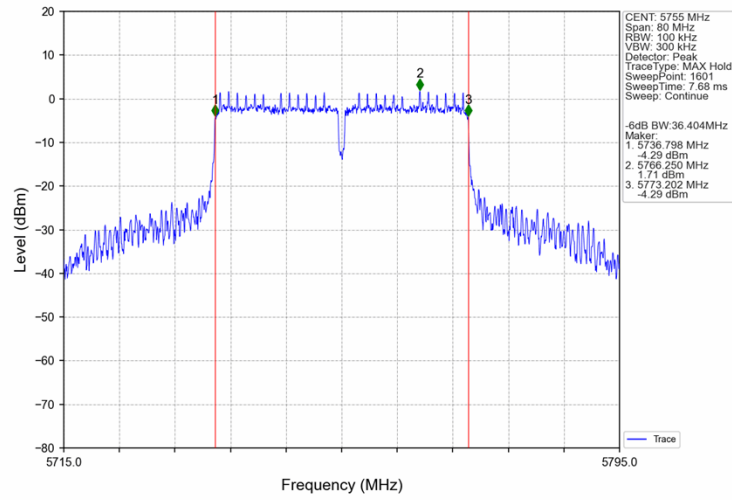
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



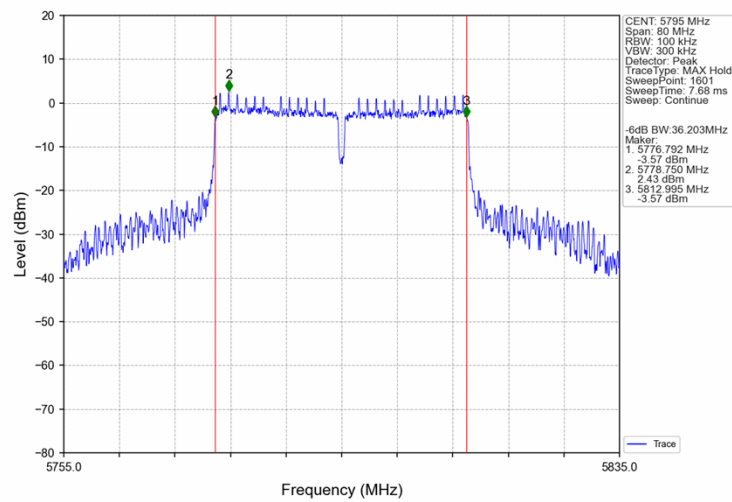
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



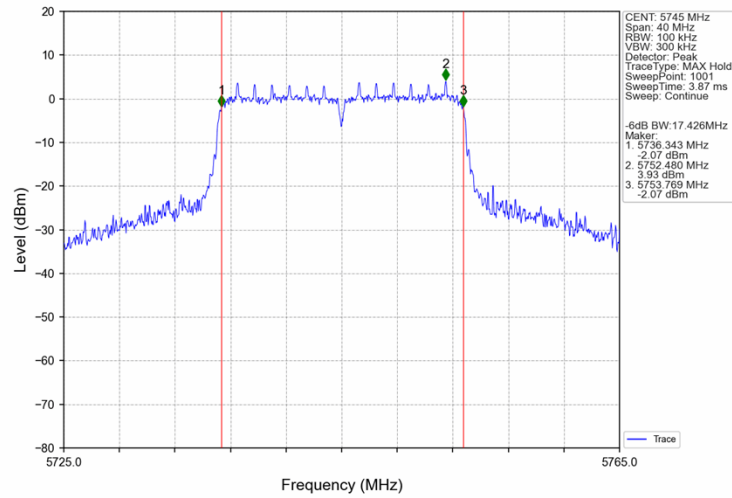
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



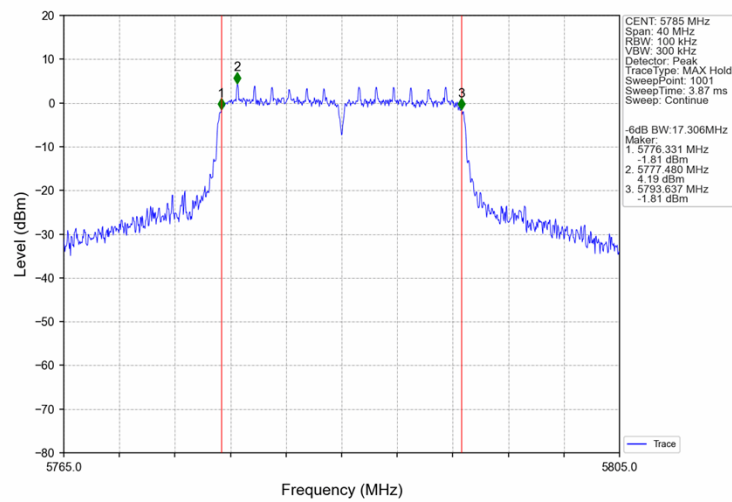
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



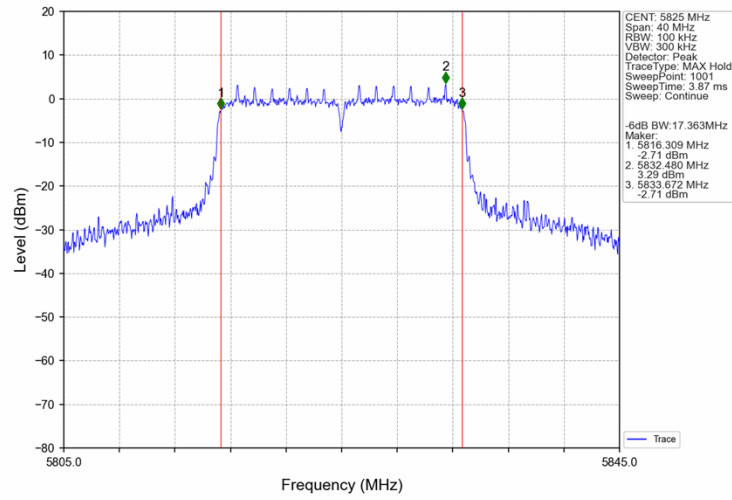
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



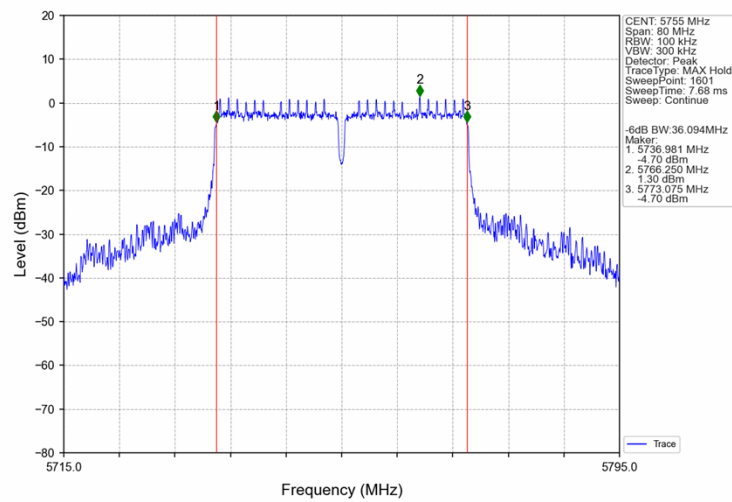
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



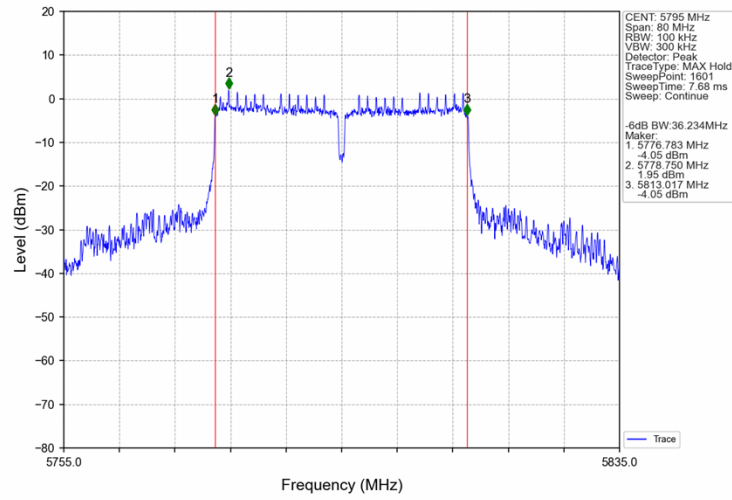
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



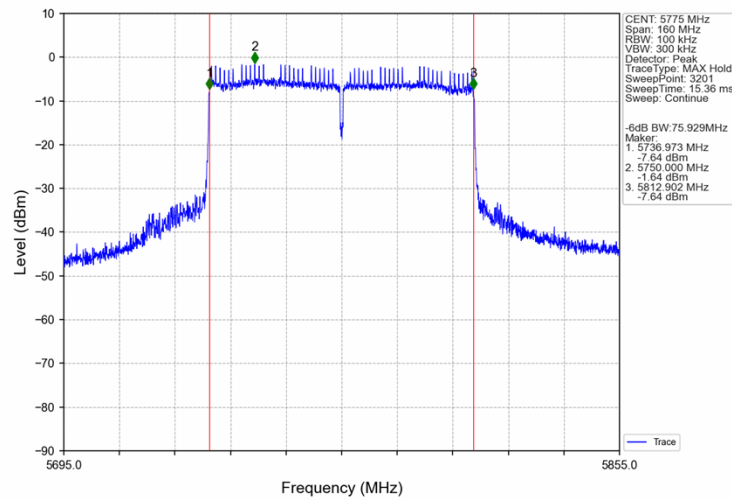
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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	Limit	
802.11a	SISO	5745	15.23	<=30	Pass
		5785	15.22	<=30	Pass
		5825	14.53	<=30	Pass
802.11n (HT20)	SISO	5745	15.31	<=30	Pass
		5785	15.27	<=30	Pass
		5825	14.62	<=30	Pass
802.11n (HT40)	SISO	5755	15.70	<=30	Pass
		5795	15.86	<=30	Pass
802.11ac (VHT20)	SISO	5745	14.91	<=30	Pass
		5785	15.09	<=30	Pass
		5825	14.26	<=30	Pass
802.11ac (VHT40)	SISO	5755	15.38	<=30	Pass
		5795	15.60	<=30	Pass
802.11ac (VHT80)	SISO	5775	15.16	<=30	Pass

3.2 Test Graph

3.2.1 Power

