

1. Duty Cycle

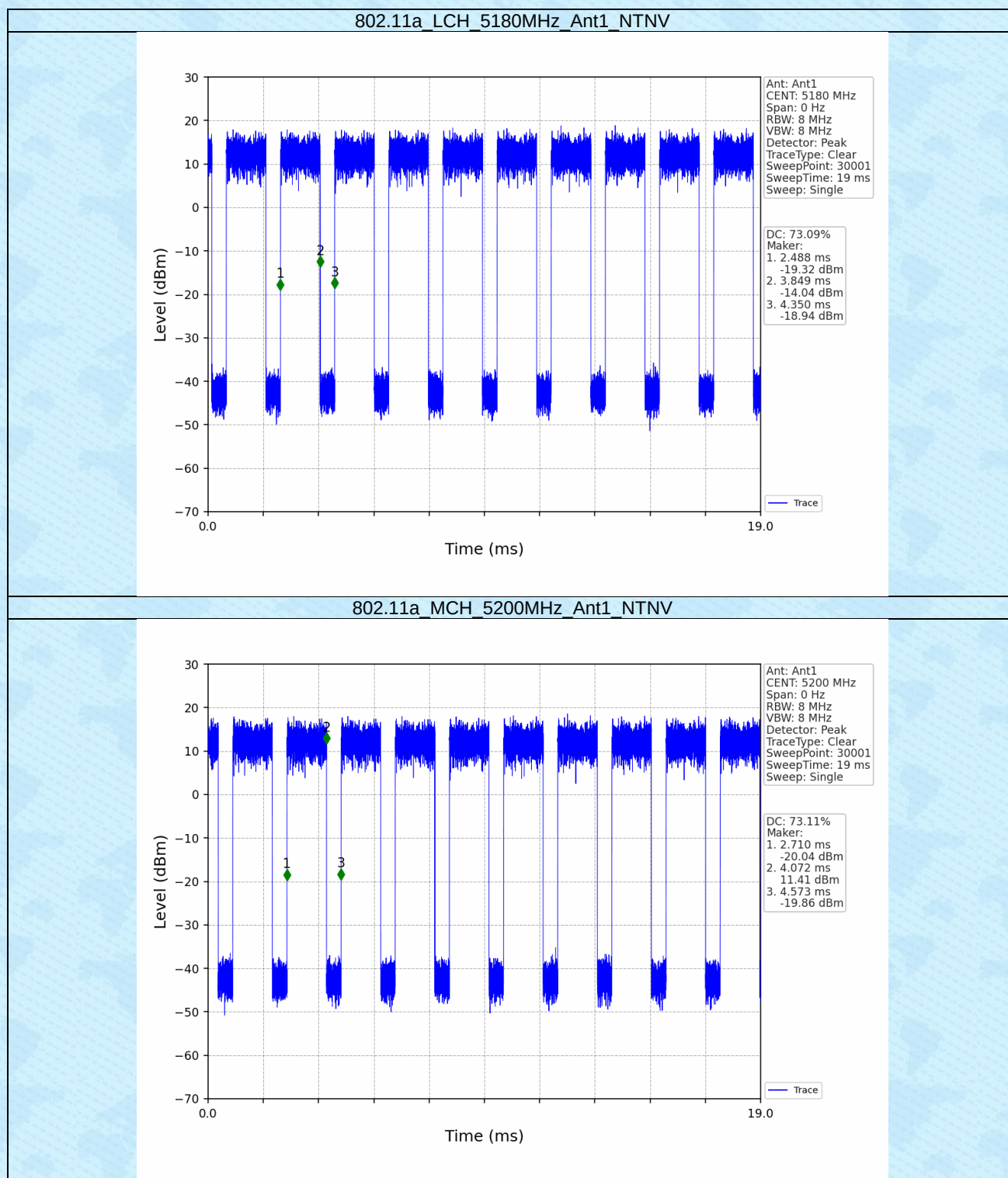
1.1 Ant1

1.1.1 Test Result

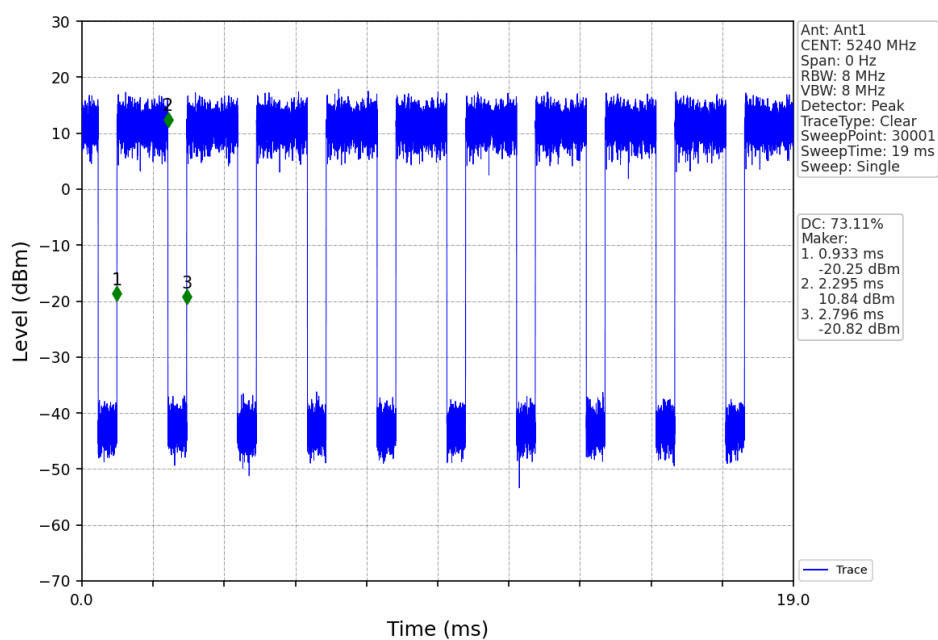
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.361	1.862	73.09	1.36	0.03
		5200	1.362	1.863	73.11	1.36	0.02
		5240	1.362	1.863	73.11	1.36	0.03
		5745	1.362	1.863	73.11	1.36	0.03
		5785	1.362	1.863	73.11	1.36	0.03
		5825	1.362	1.863	73.11	1.36	0.03
802.11n (HT20)	SISO	5180	1.273	1.774	71.76	1.44	0.03
		5200	1.274	1.775	71.77	1.44	0.02
		5240	1.274	1.775	71.77	1.44	0.02
		5745	1.273	1.774	71.76	1.44	0.03
		5785	1.274	1.775	71.77	1.44	0.02
		5825	1.273	1.774	71.76	1.44	0.03
802.11n (HT40)	SISO	5190	0.634	1.134	55.91	2.53	0.03
		5230	0.634	1.134	55.91	2.53	0.01
		5755	0.634	1.135	55.86	2.53	0.03
		5795	0.633	1.134	55.82	2.53	0.01
802.11ac (VHT20)	SISO	5180	1.278	1.779	71.84	1.44	0.03
		5200	1.277	1.778	71.82	1.44	0.03
		5240	1.277	1.778	71.82	1.44	0.03
		5745	1.277	1.778	71.82	1.44	0.03
		5785	1.277	1.778	71.82	1.44	0.03
		5825	1.277	1.778	71.82	1.44	0.01
802.11ac (VHT40)	SISO	5190	0.637	1.138	55.98	2.52	0.02
		5230	0.637	1.138	55.98	2.52	0.01
		5755	0.638	1.139	56.01	2.52	0.03
		5795	0.638	1.138	56.06	2.51	0.01
802.11ac (VHT80)	SISO	5210	0.318	0.819	38.83	4.11	0.03
		5775	0.317	0.818	38.75	4.12	0.03

Note: The duty cycle for two antennas were same, so only ant1 report

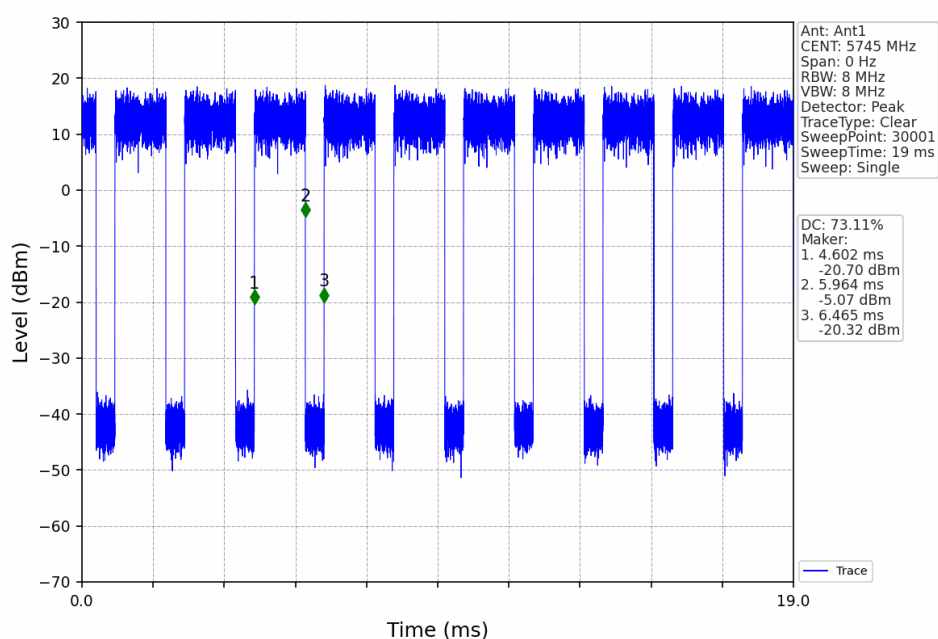
1.1.2 Test Graph



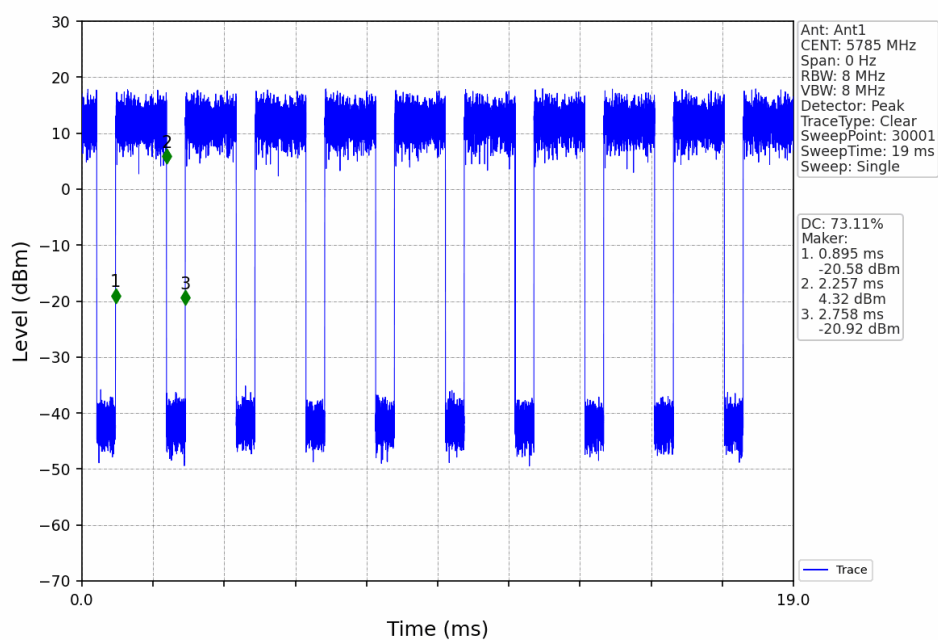
802.11a_HCH_5240MHz_Ant1_NTNV



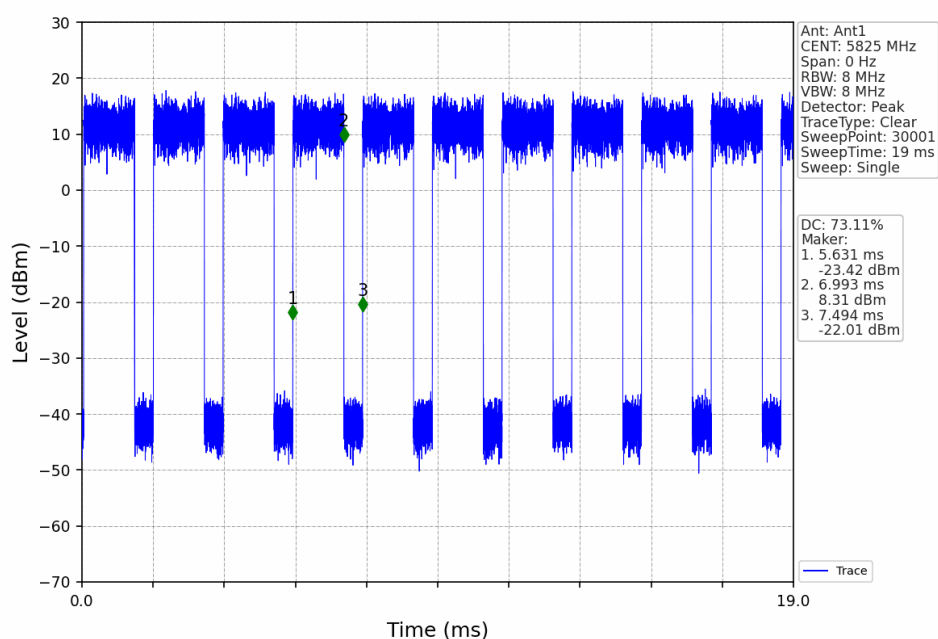
802.11a_LCH_5745MHz_Ant1_NTNV



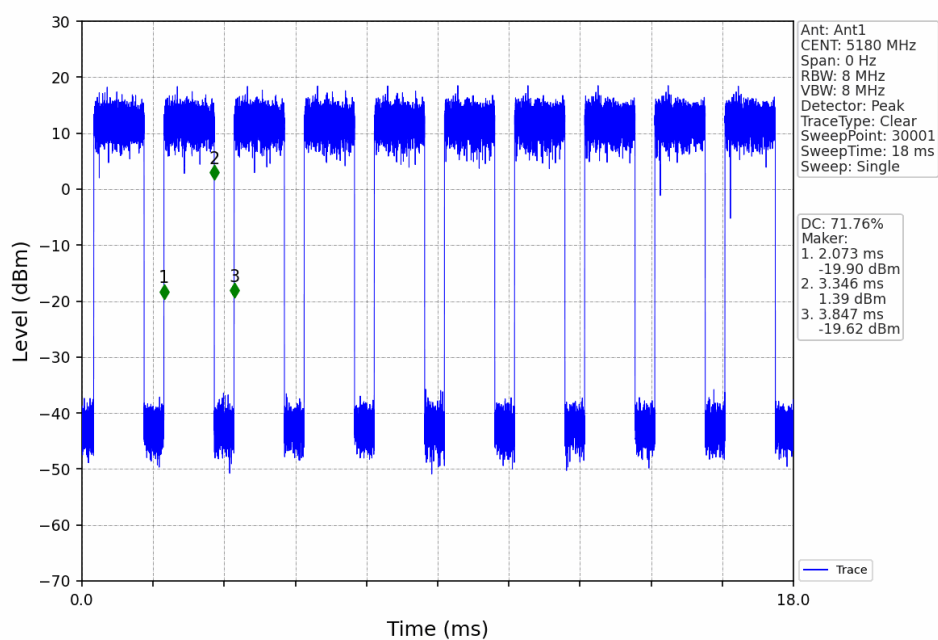
802.11a_MCH_5785MHz_Ant1_NTNV



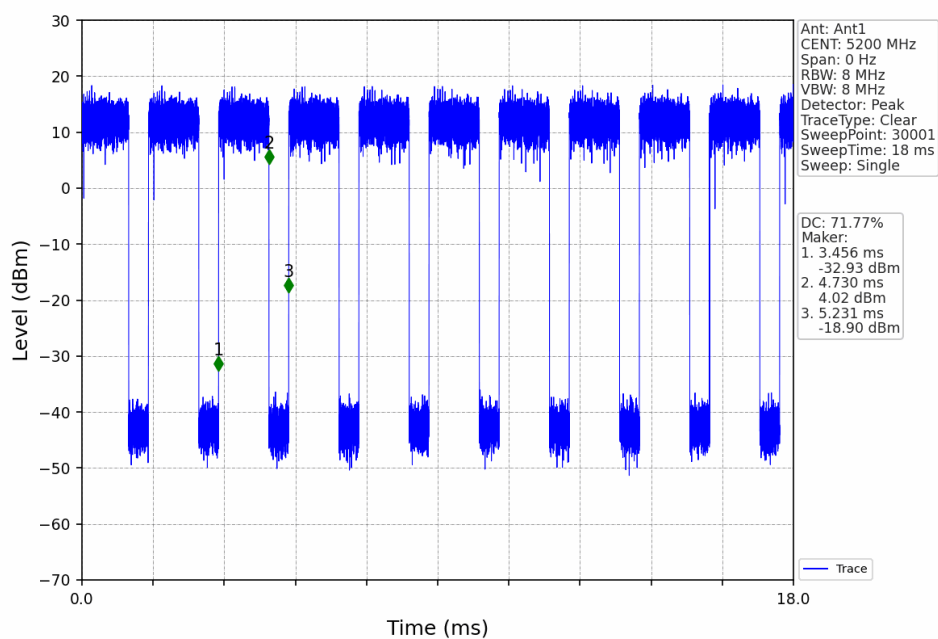
802.11a_HCH_5825MHz_Ant1_NTNV



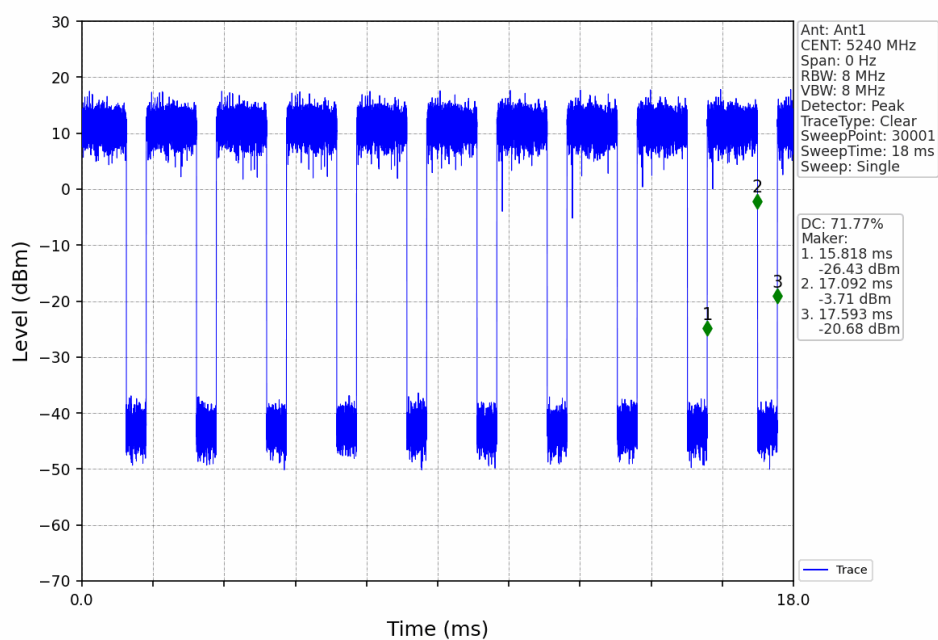
802.11n(HT20) LCH_5180MHz_Ant1_NTNV



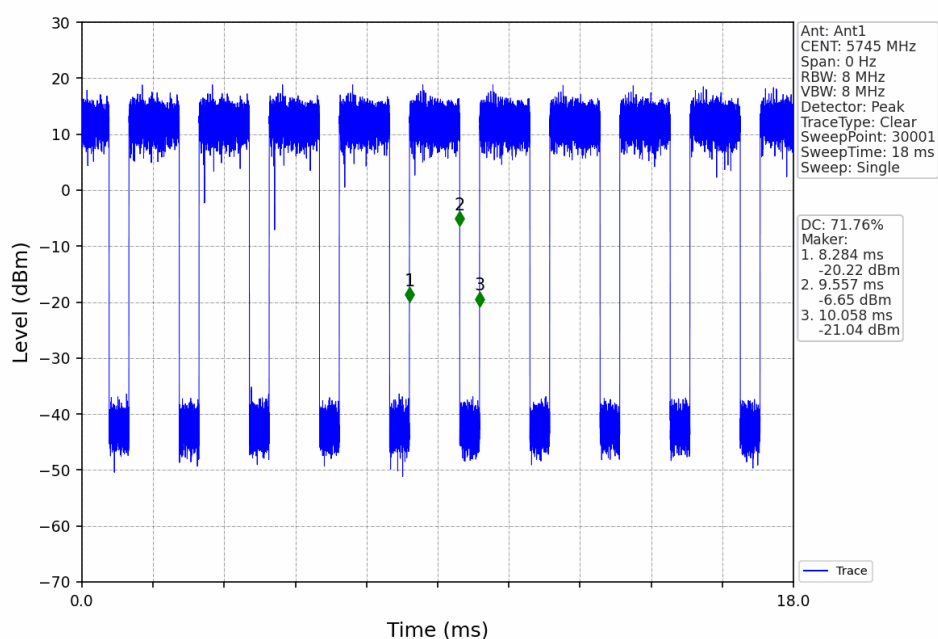
802.11n(HT20) MCH_5200MHz_Ant1_NTNV



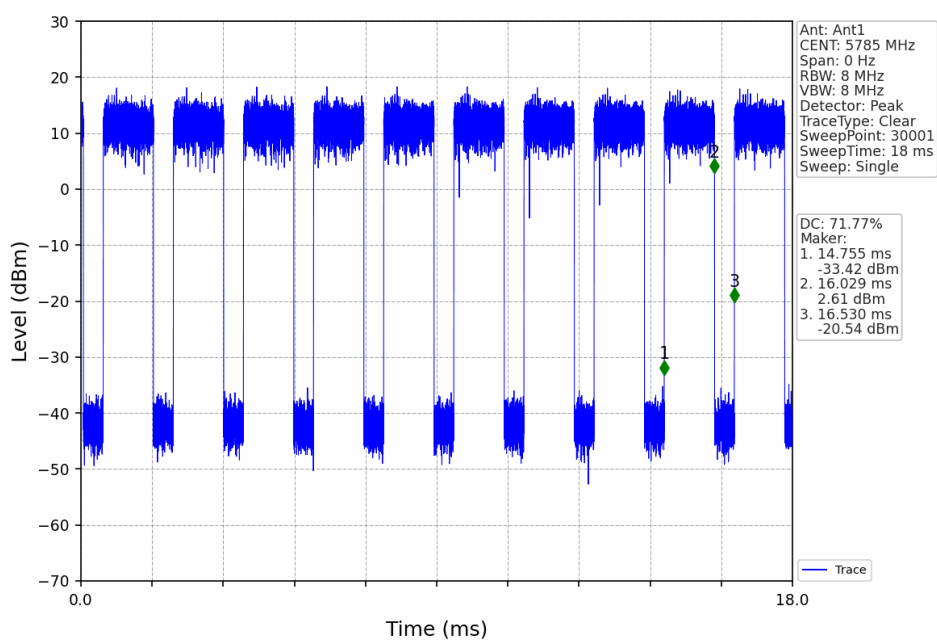
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



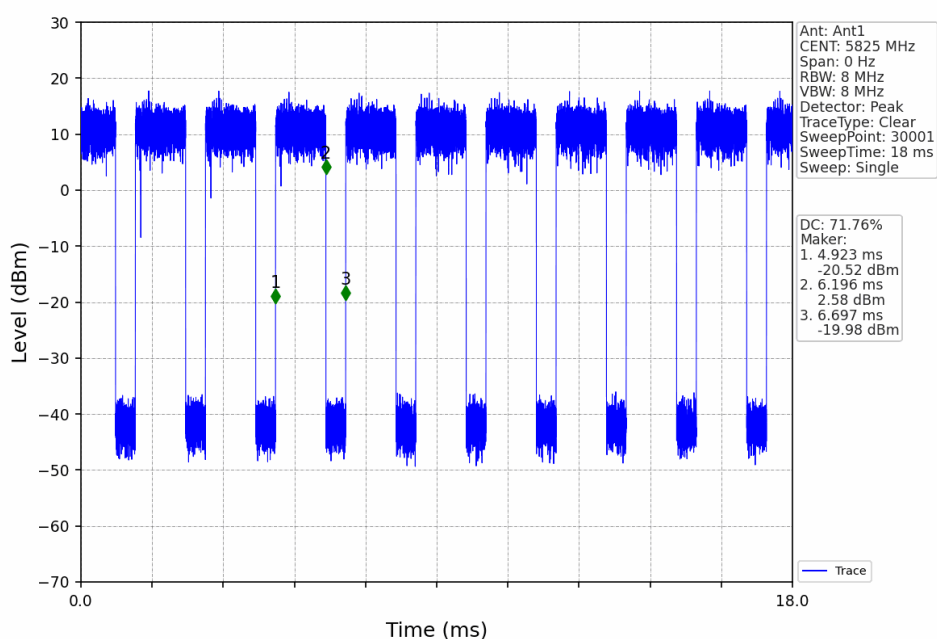
802.11n(HT20) LCH 5745MHz_Ant1_NTNV



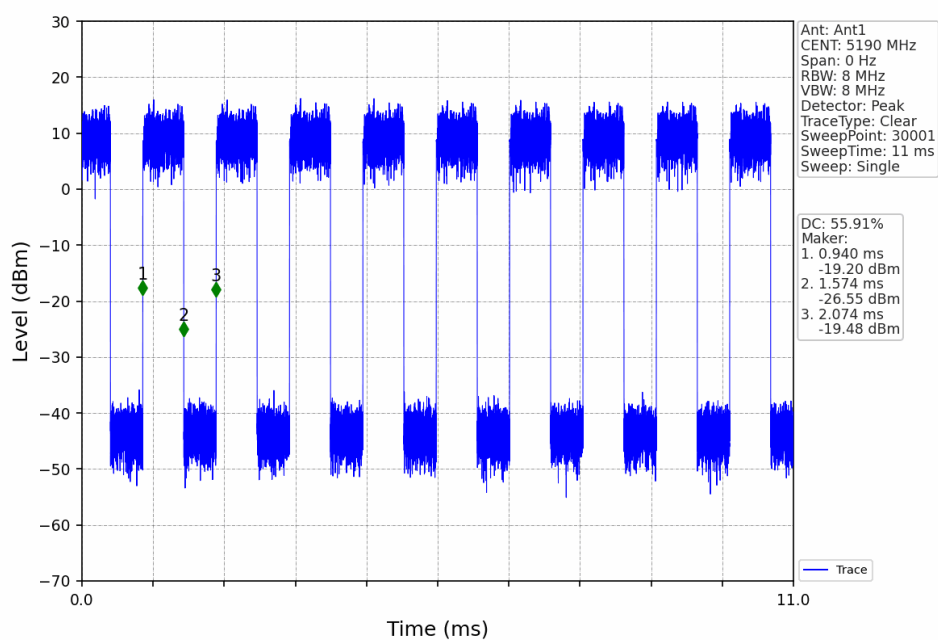
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



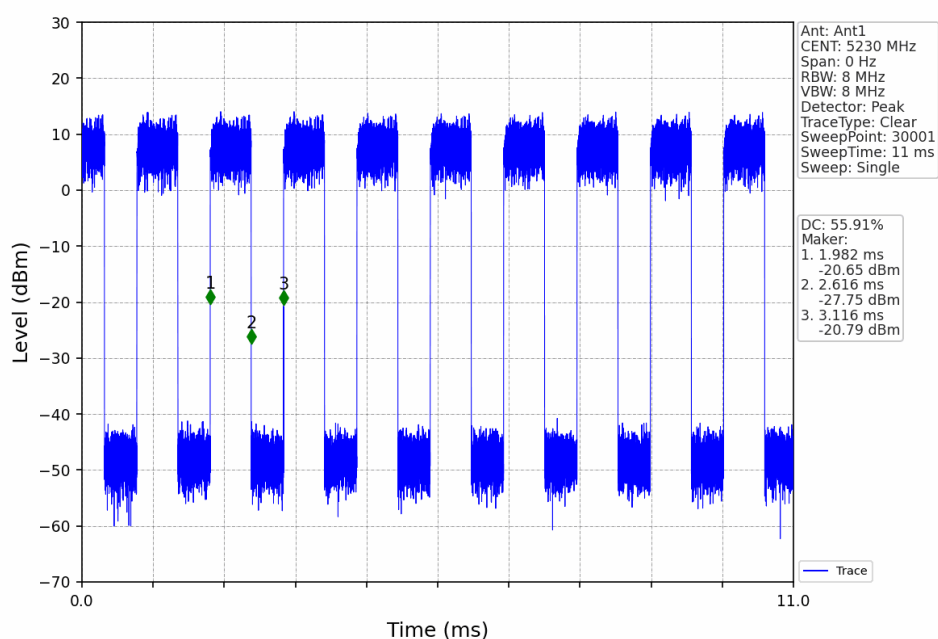
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



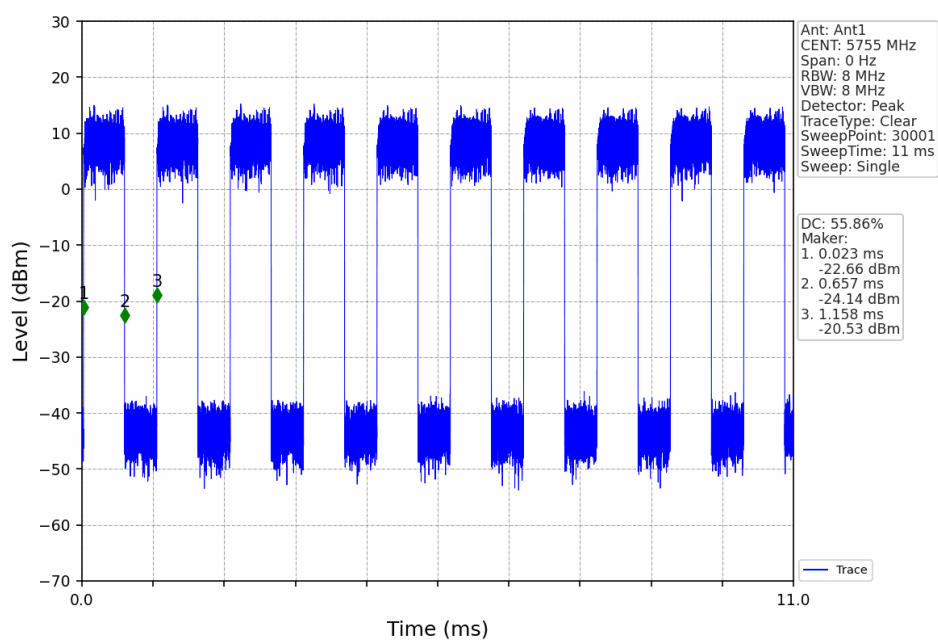
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



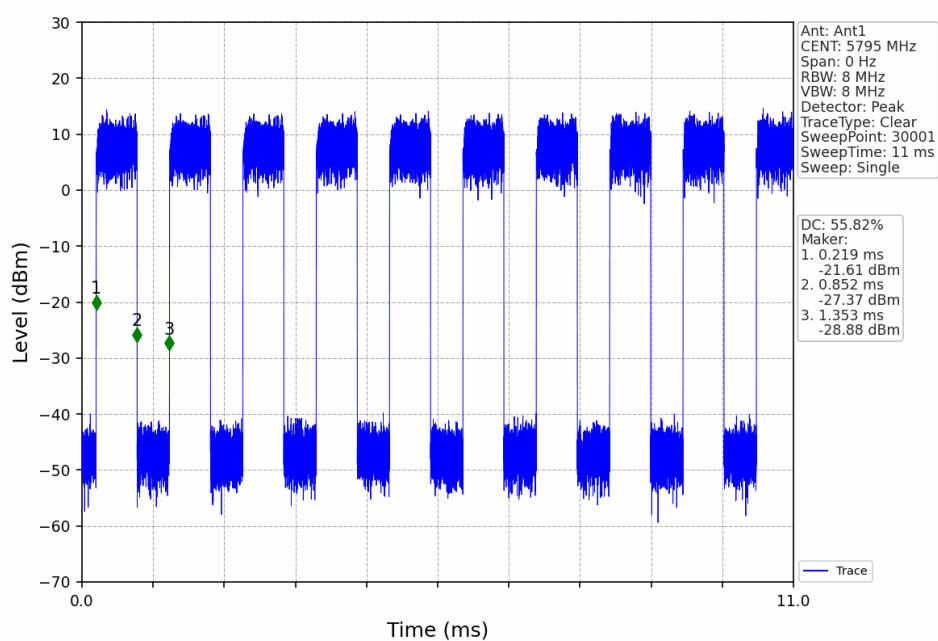
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



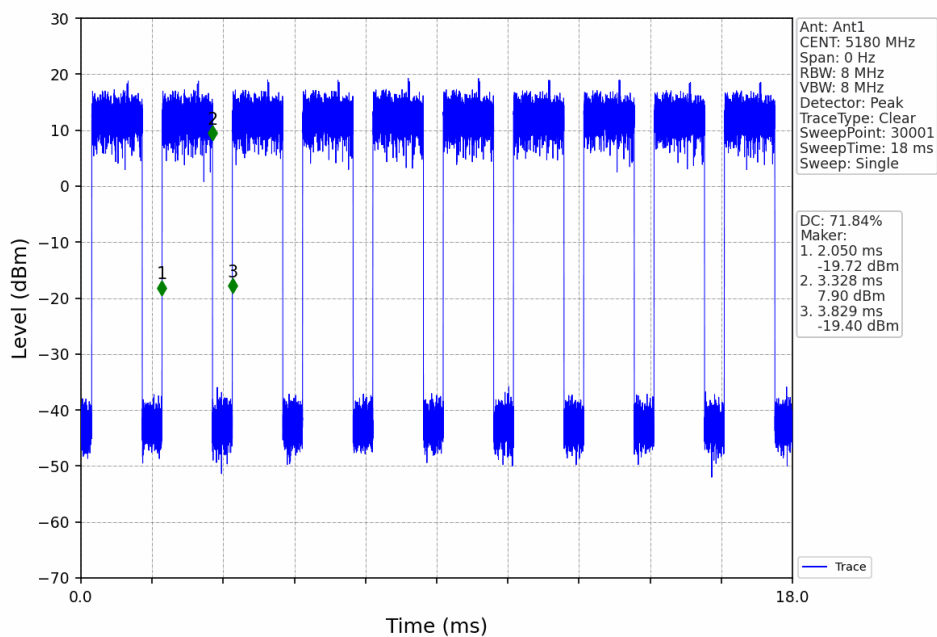
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



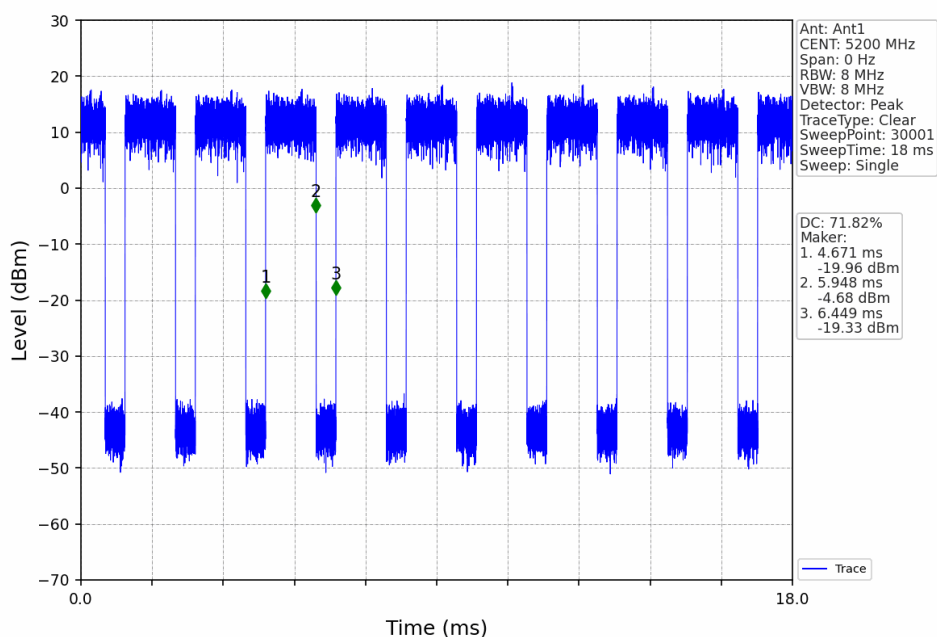
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



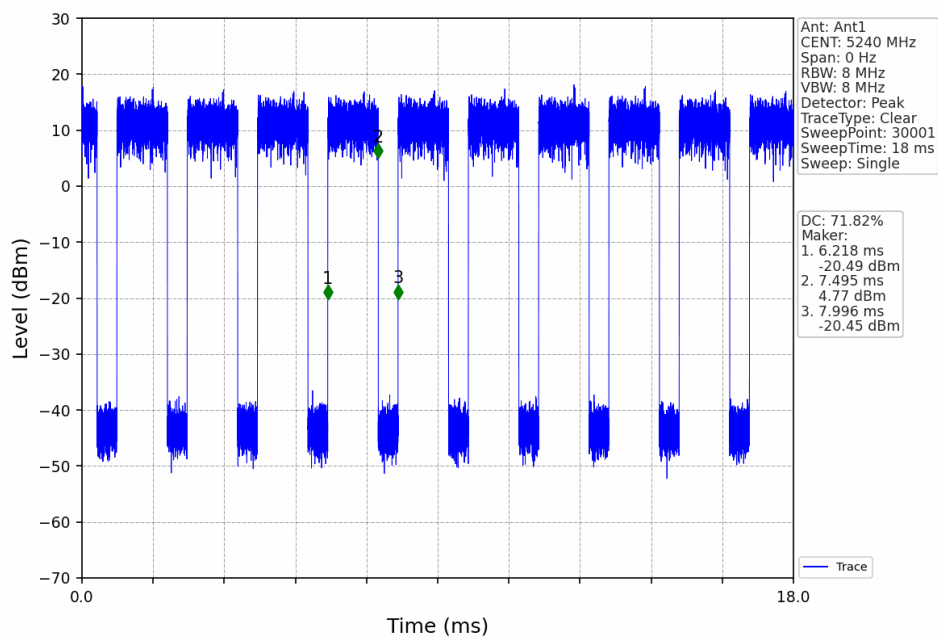
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



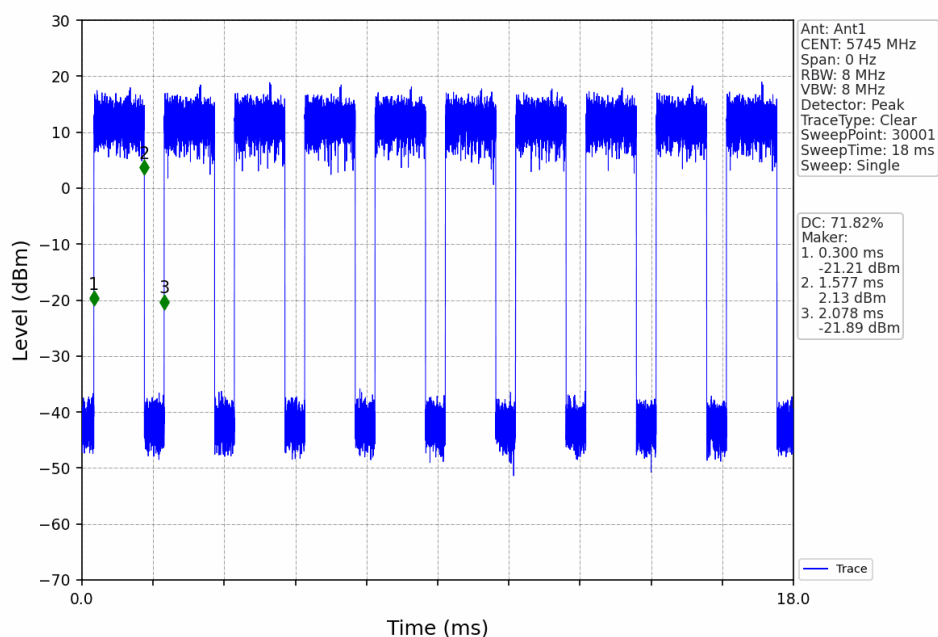
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



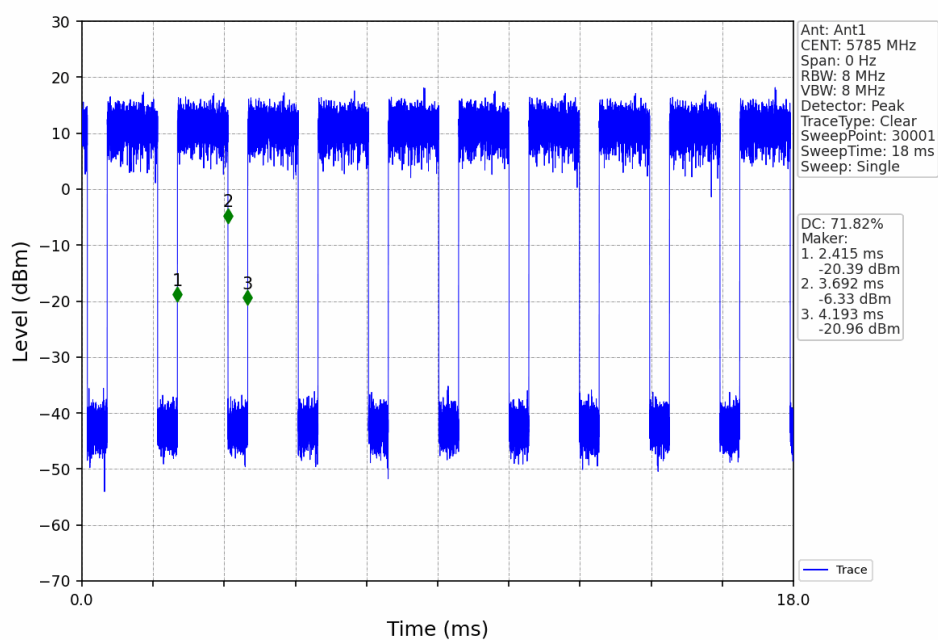
802.11ac(VHT20) HCH_5240MHz_Ant1_NTNV



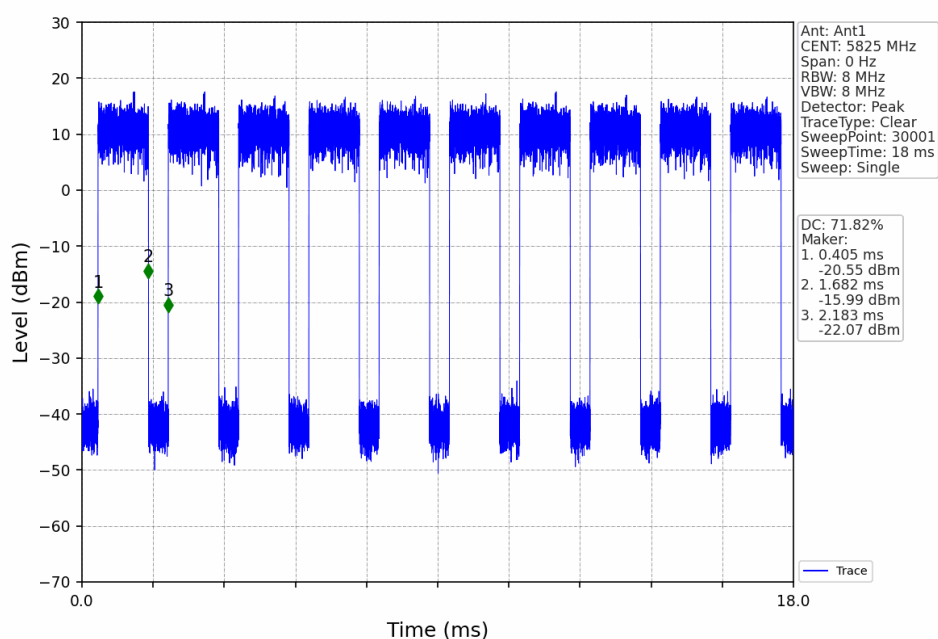
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



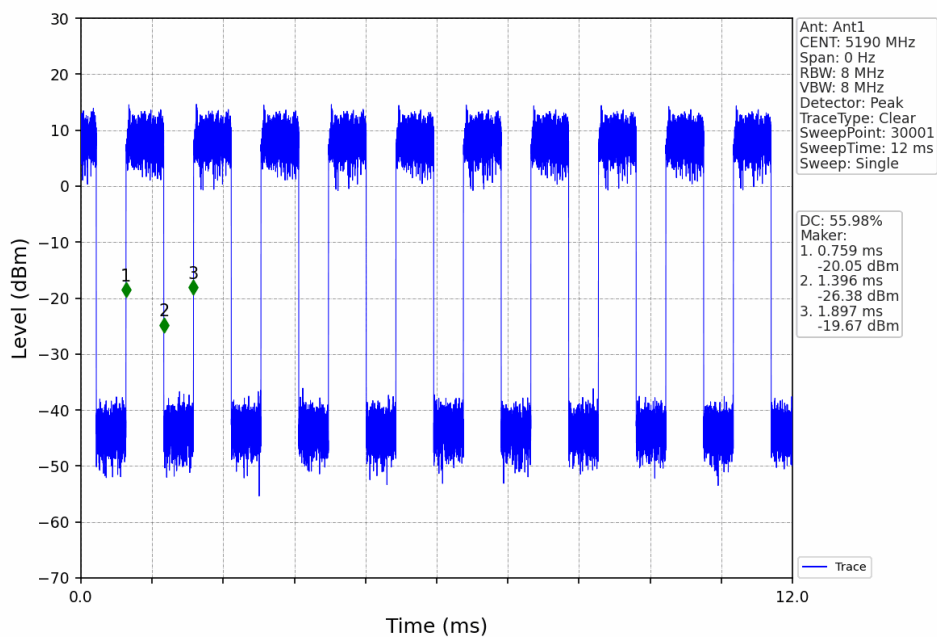
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



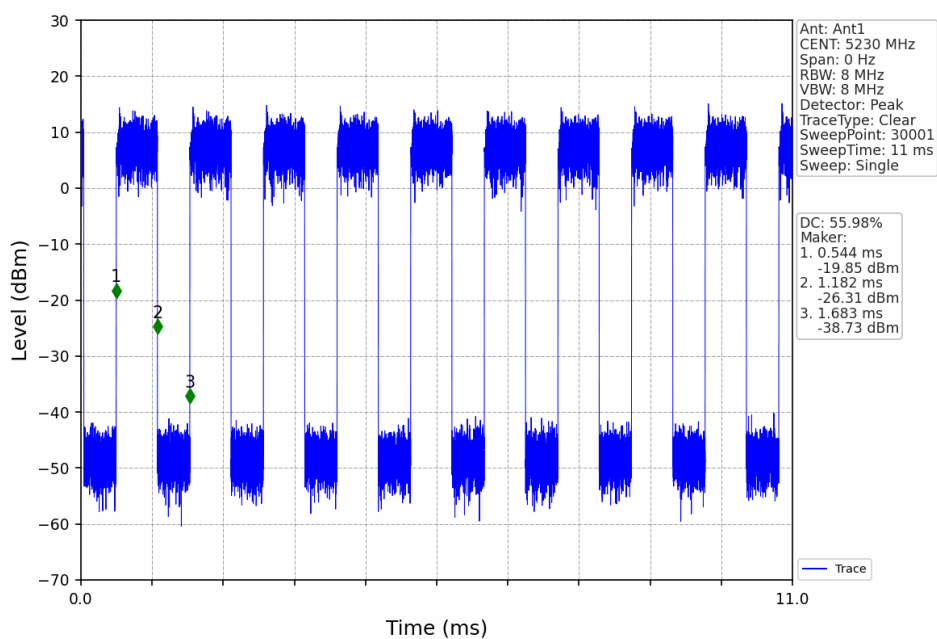
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



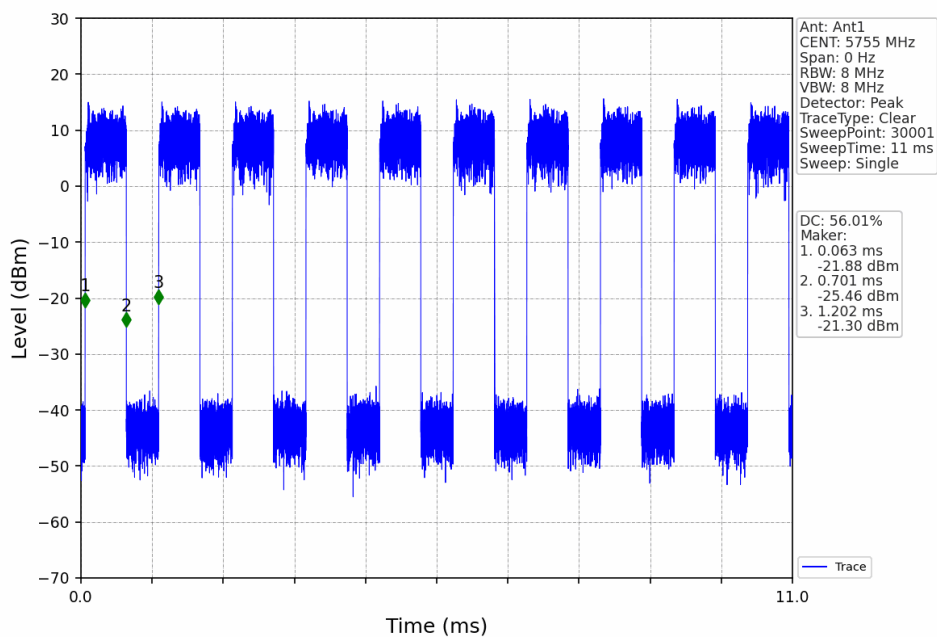
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



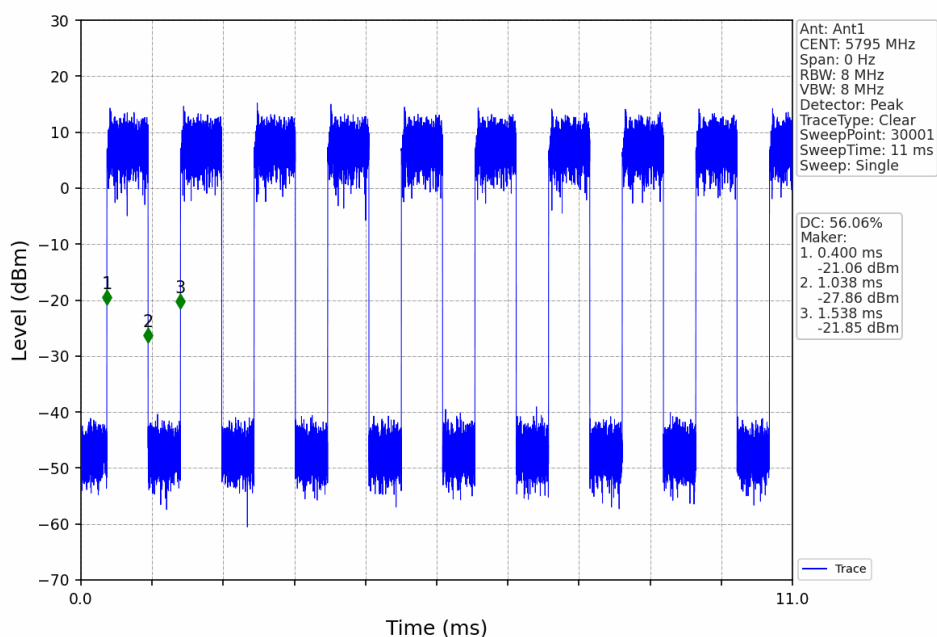
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



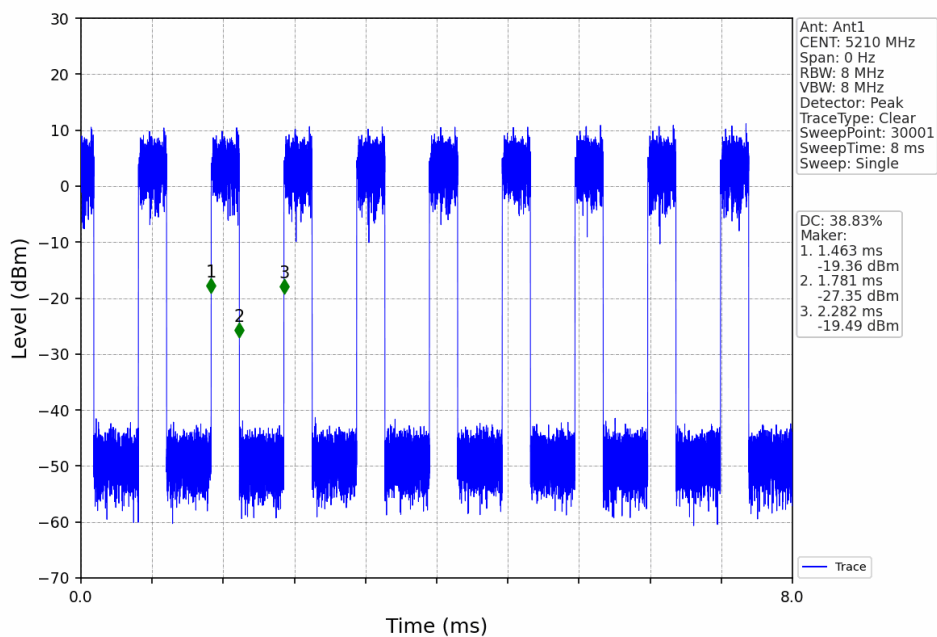
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



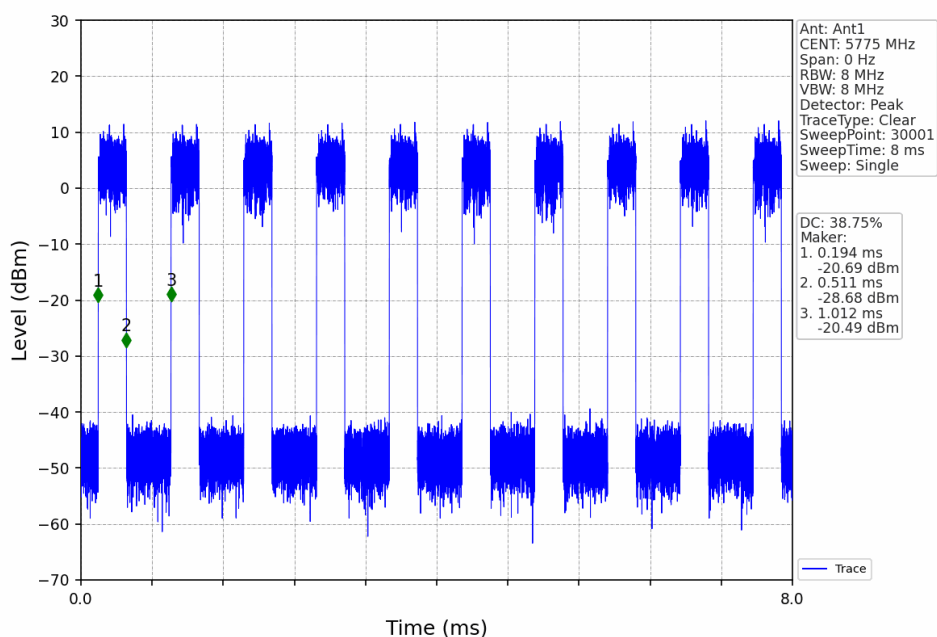
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



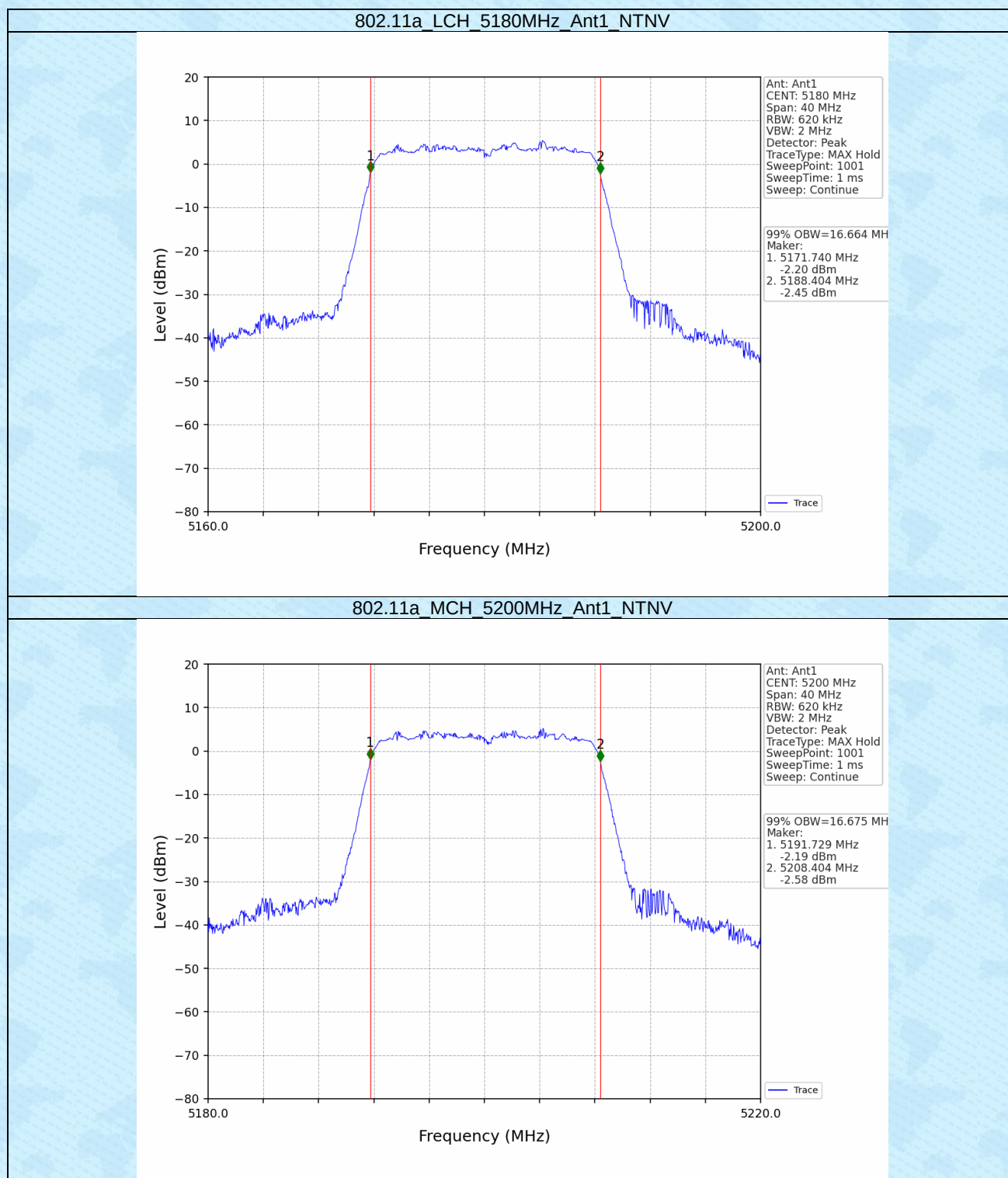
2. Bandwidth

2.1 OBW

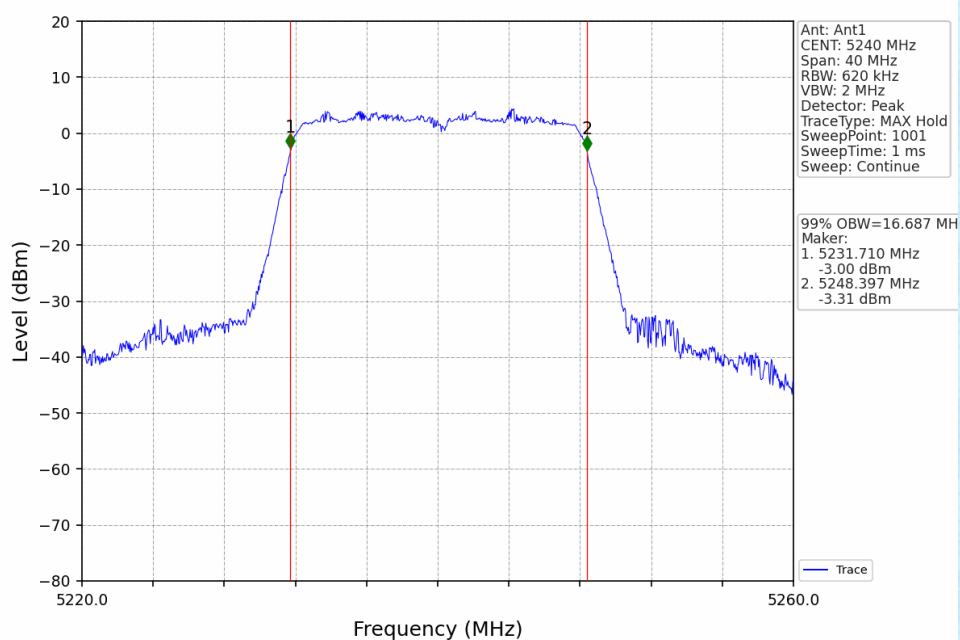
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	16.664	Pass
		5200	1	16.675	Pass
		5240	1	16.687	Pass
		5745	1	16.708	Pass
		5785	1	16.684	Pass
		5825	1	16.688	Pass
802.11n (HT20)	SISO	5180	1	17.784	Pass
		5200	1	17.778	Pass
		5240	1	17.781	Pass
		5745	1	17.796	Pass
		5785	1	17.785	Pass
		5825	1	17.782	Pass
802.11n (HT40)	SISO	5190	1	36.446	Pass
		5230	1	36.541	Pass
		5755	1	36.536	Pass
		5795	1	36.401	Pass
802.11ac (VHT20)	SISO	5180	1	17.742	Pass
		5200	1	17.744	Pass
		5240	1	17.764	Pass
		5745	1	17.765	Pass
		5785	1	17.755	Pass
		5825	1	17.750	Pass
802.11ac (VHT40)	SISO	5190	1	36.256	Pass
		5230	1	36.354	Pass
		5755	1	36.323	Pass
		5795	1	36.267	Pass
802.11ac (VHT80)	SISO	5210	1	74.667	Pass
		5775	1	74.787	Pass

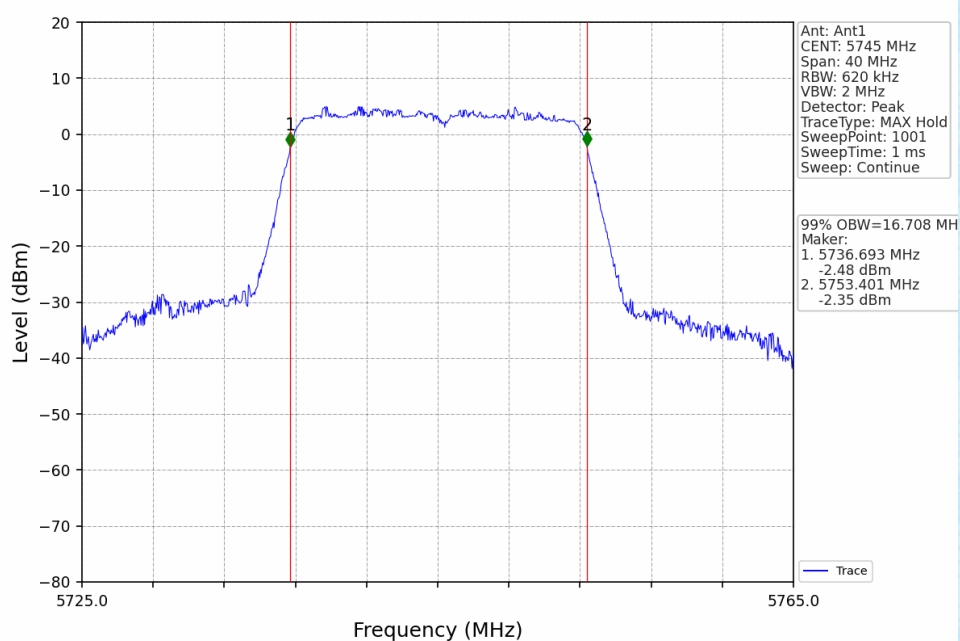
2.1.2 Test Graph



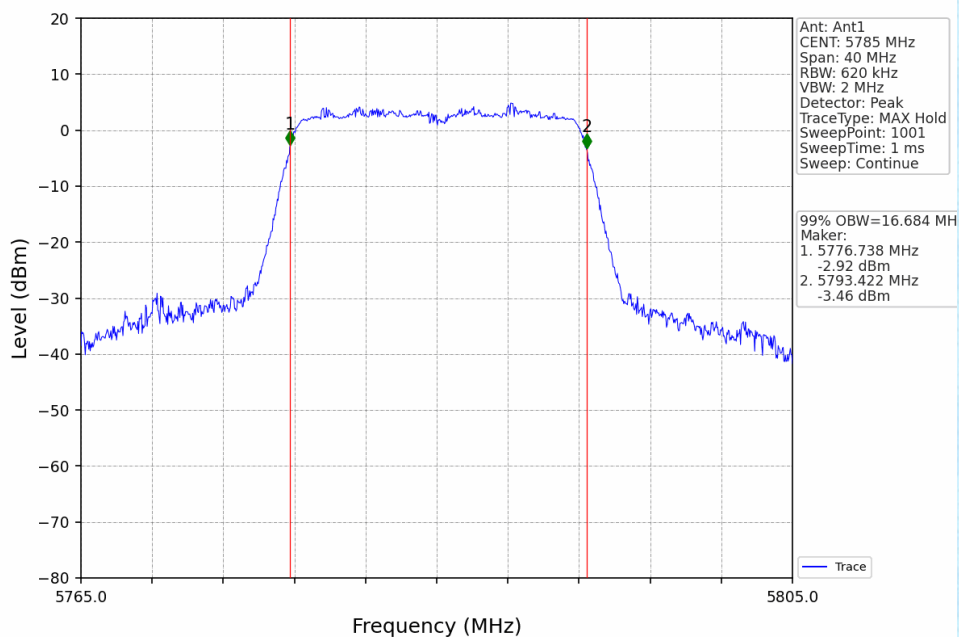
802.11a_HCH_5240MHz_Ant1_NTNV



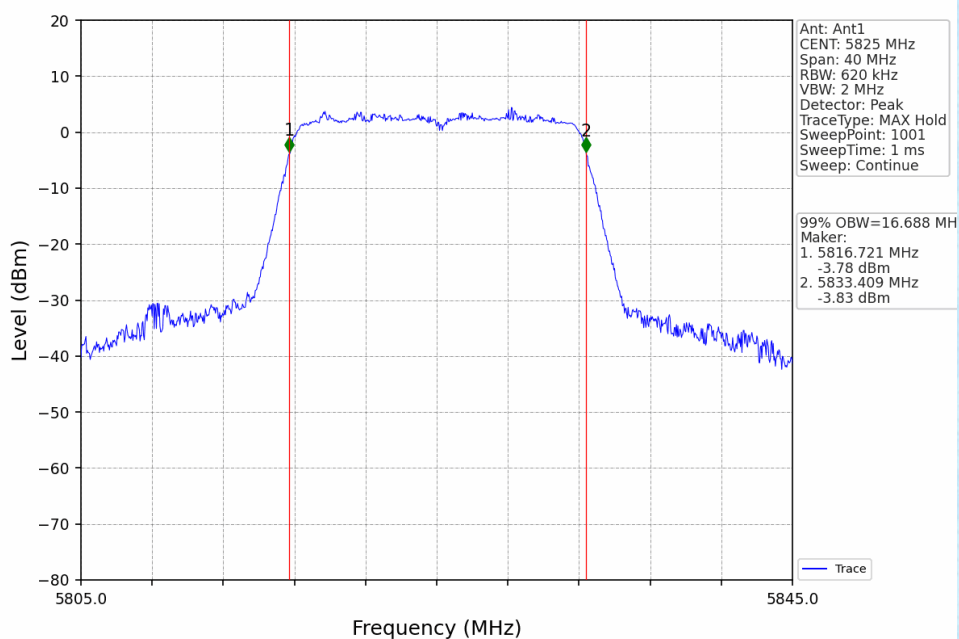
802.11a_LCH_5745MHz_Ant1_NTNV



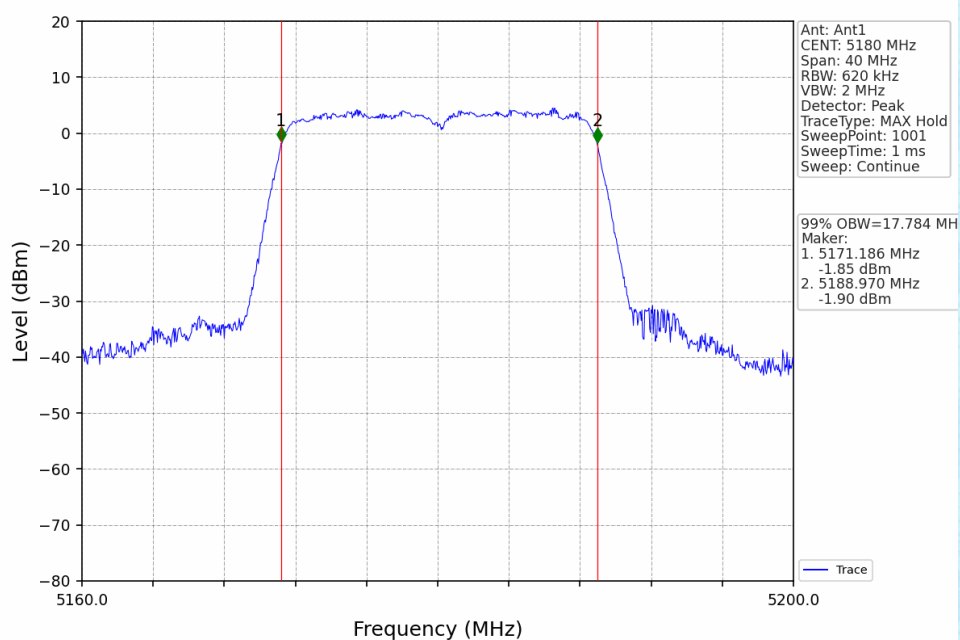
802.11a_MCH_5785MHz_Ant1_NTNV



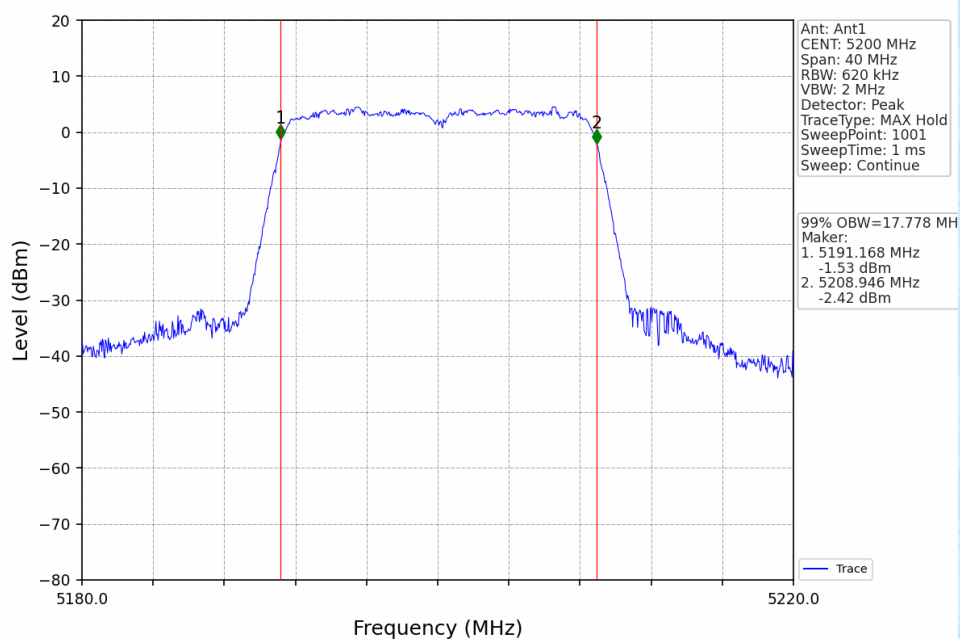
802.11a_HCH_5825MHz_Ant1_NTNV



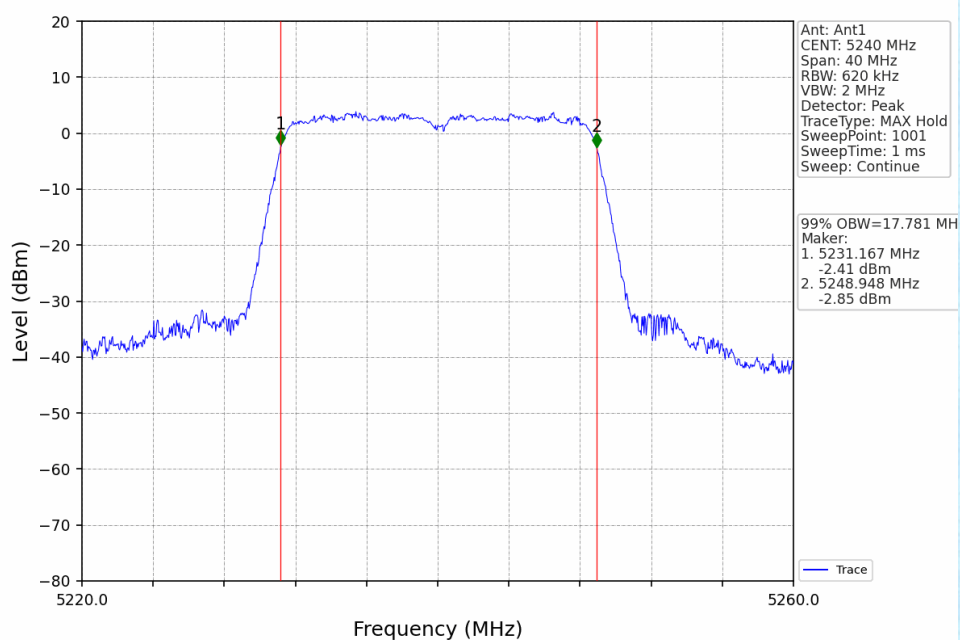
802.11n(HT20) LCH_5180MHz_Ant1_NTNV



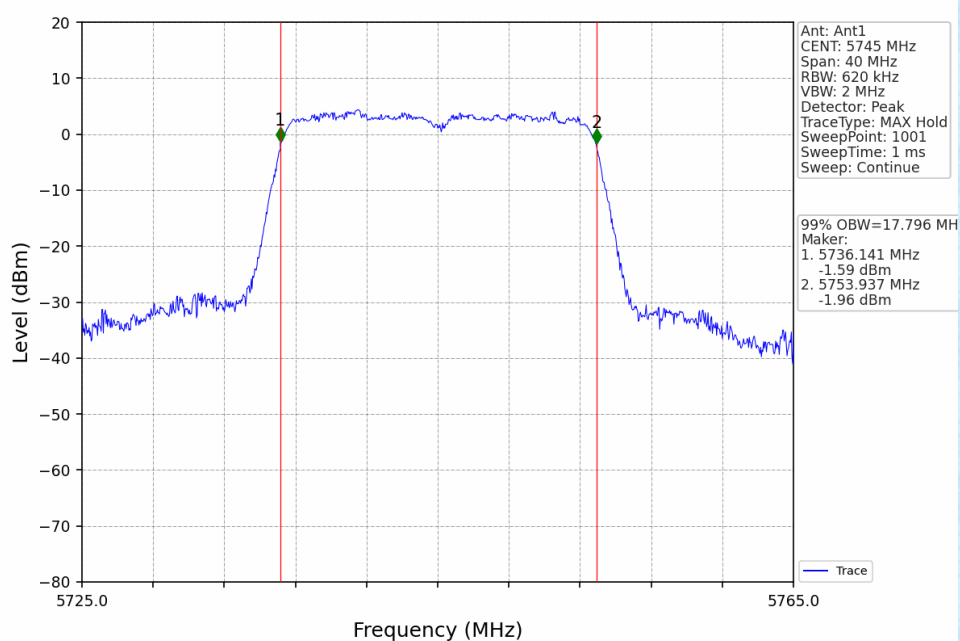
802.11n(HT20) MCH_5200MHz_Ant1_NTNV



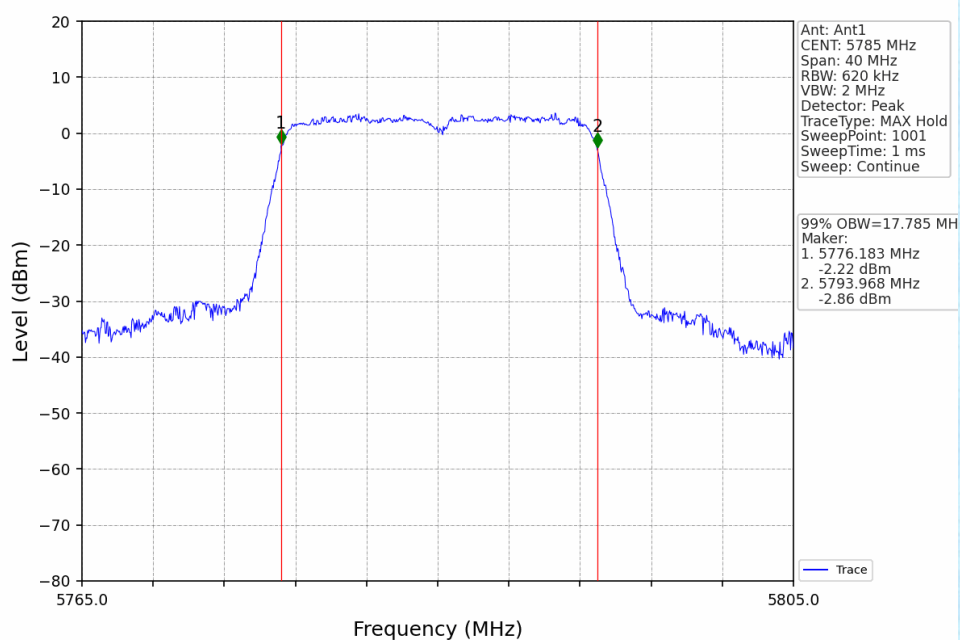
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



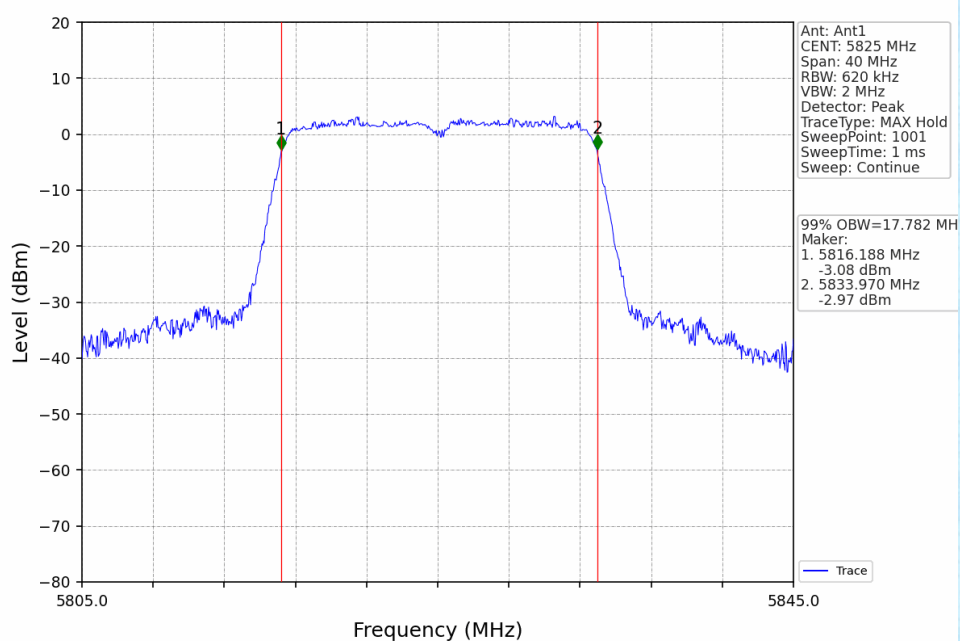
802.11n(HT20) LCH 5745MHz_Ant1_NTNV



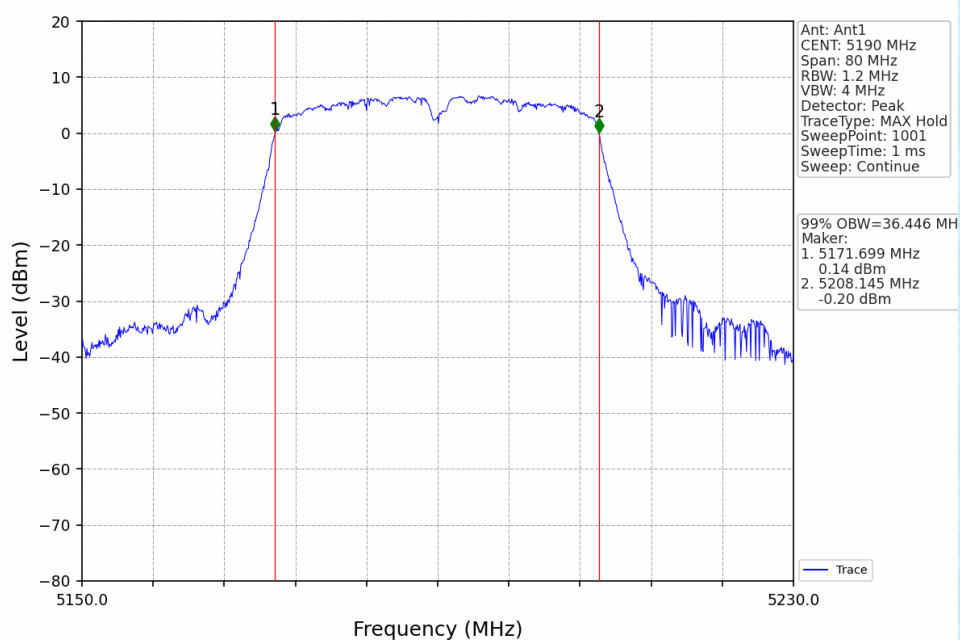
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



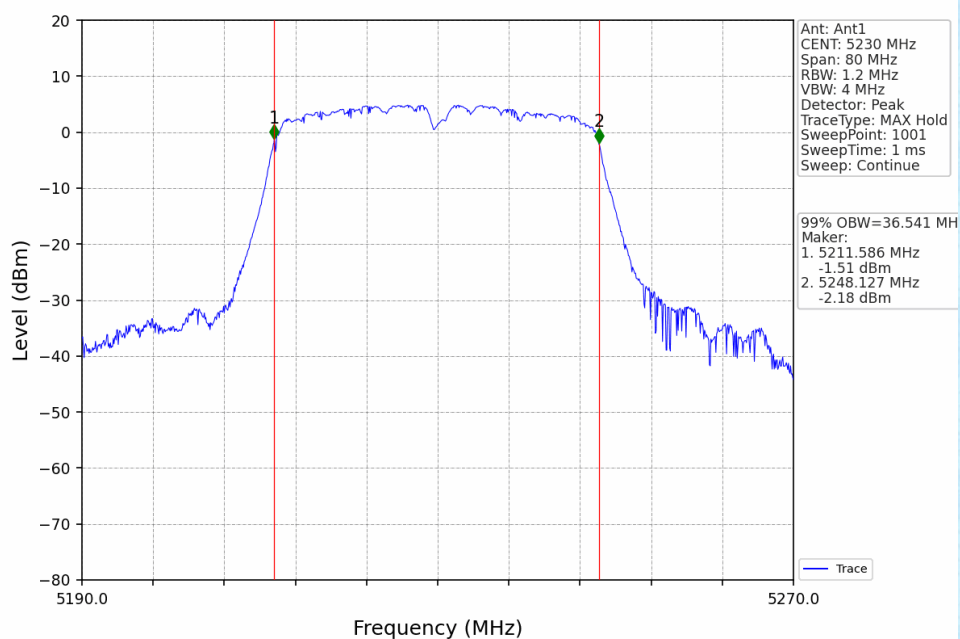
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



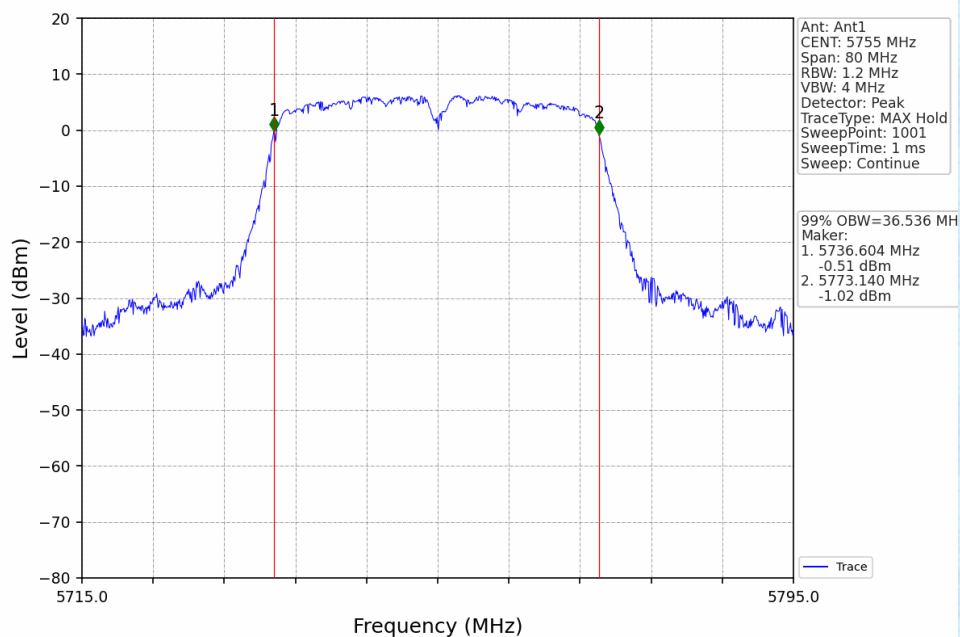
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



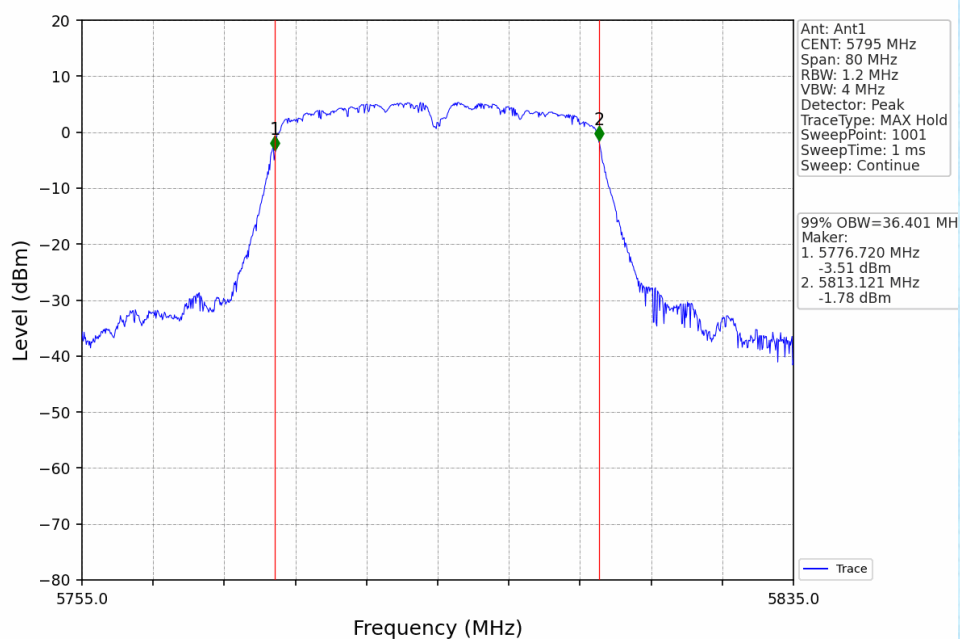
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



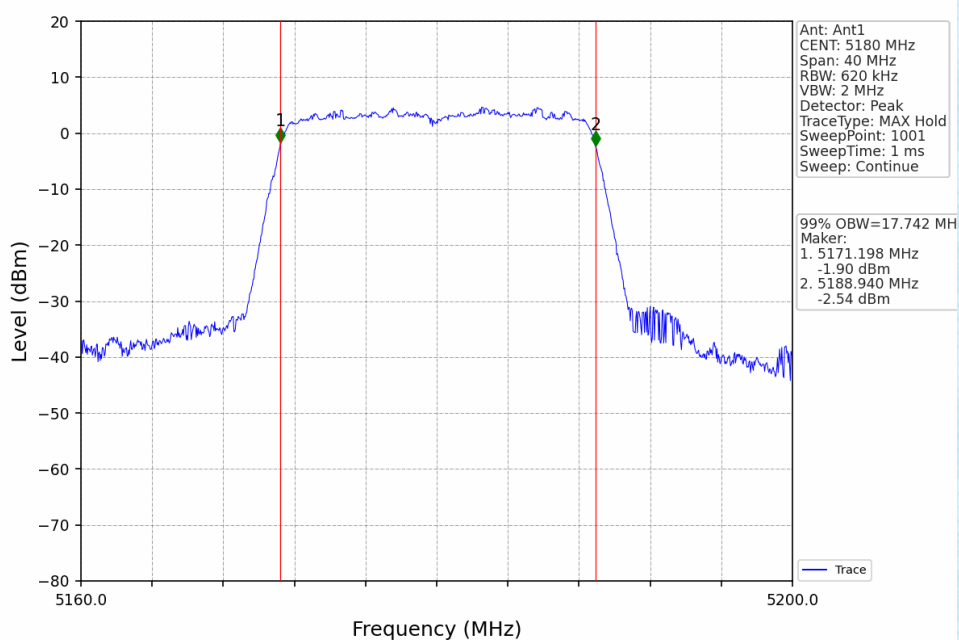
802.11n(HT40) LCH_5755MHz_Ant1_NTNV



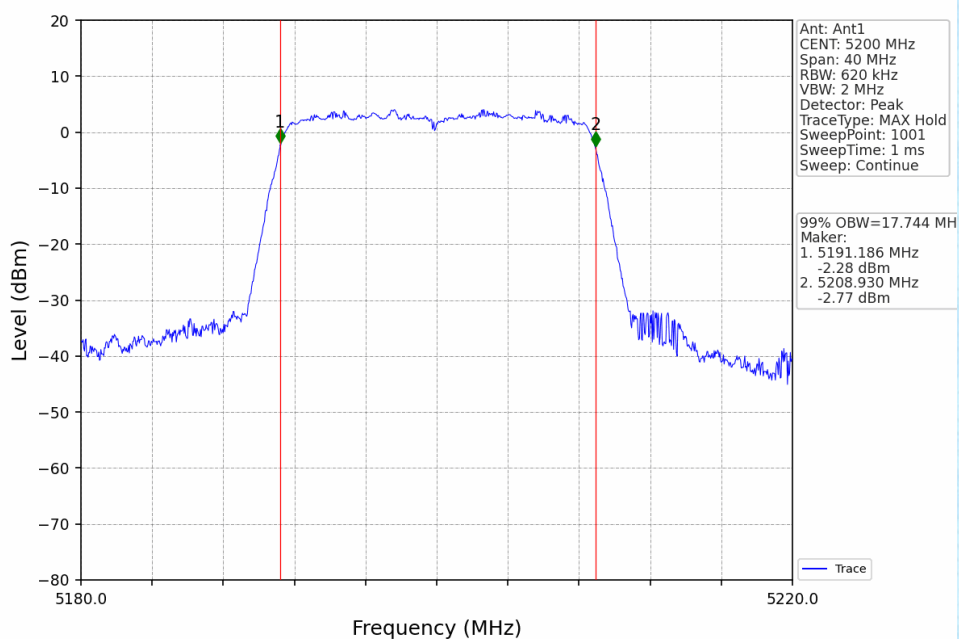
802.11n(HT40) HCH_5795MHz_Ant1_NTNV



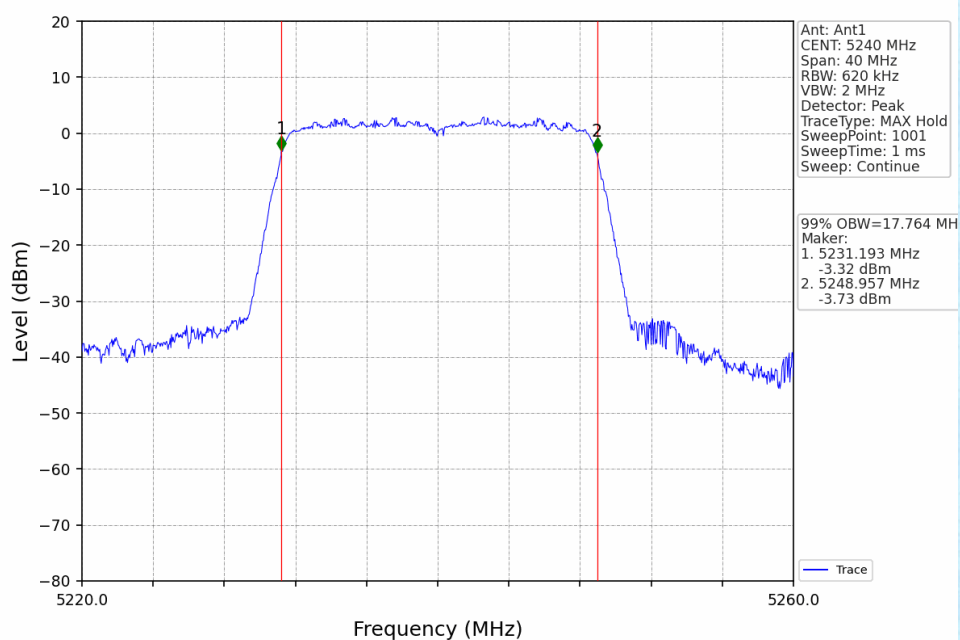
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



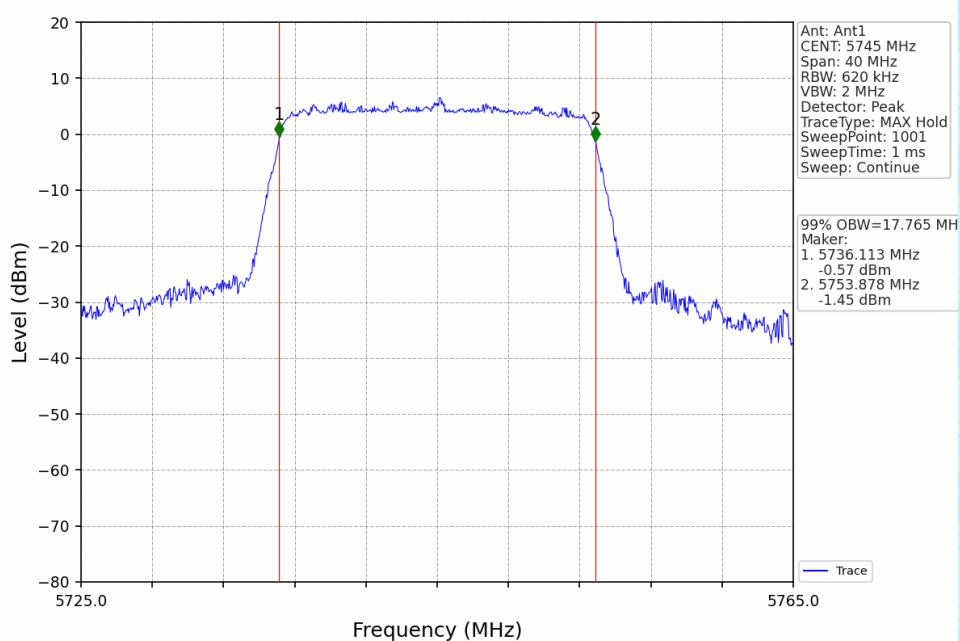
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



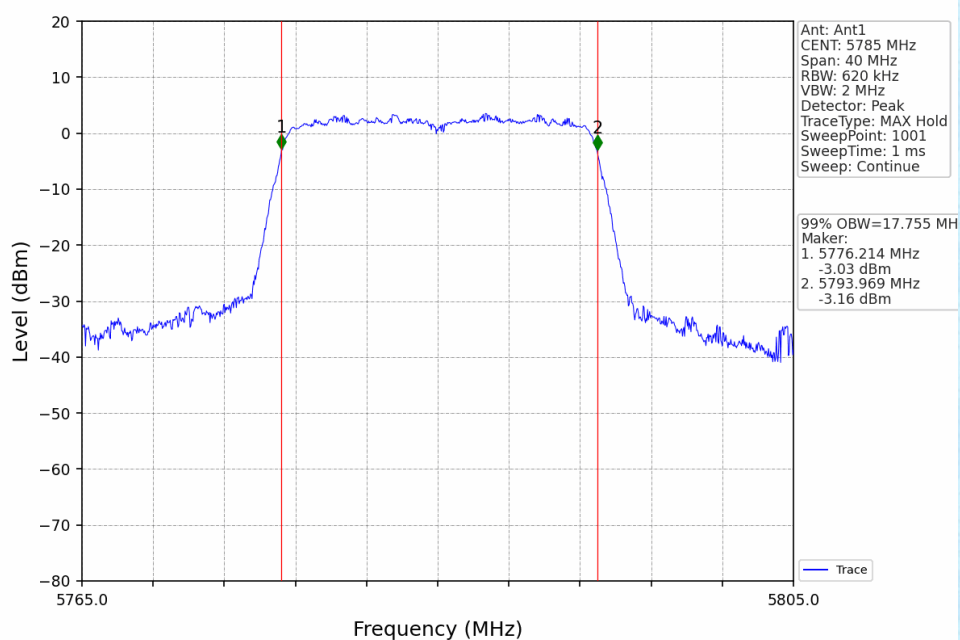
802.11ac(VHT20) HCH_5240MHz_Ant1_NTNV



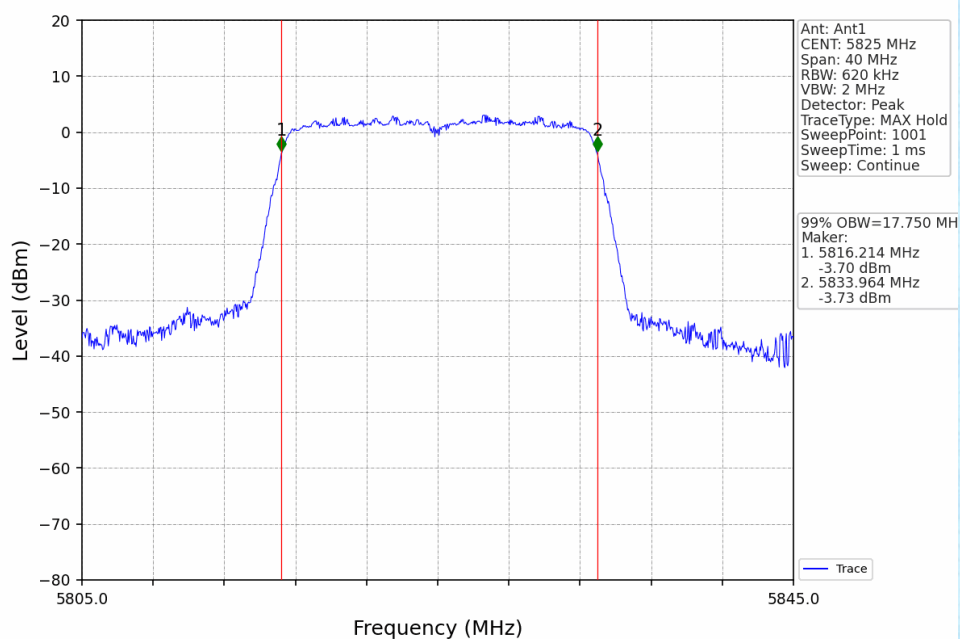
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



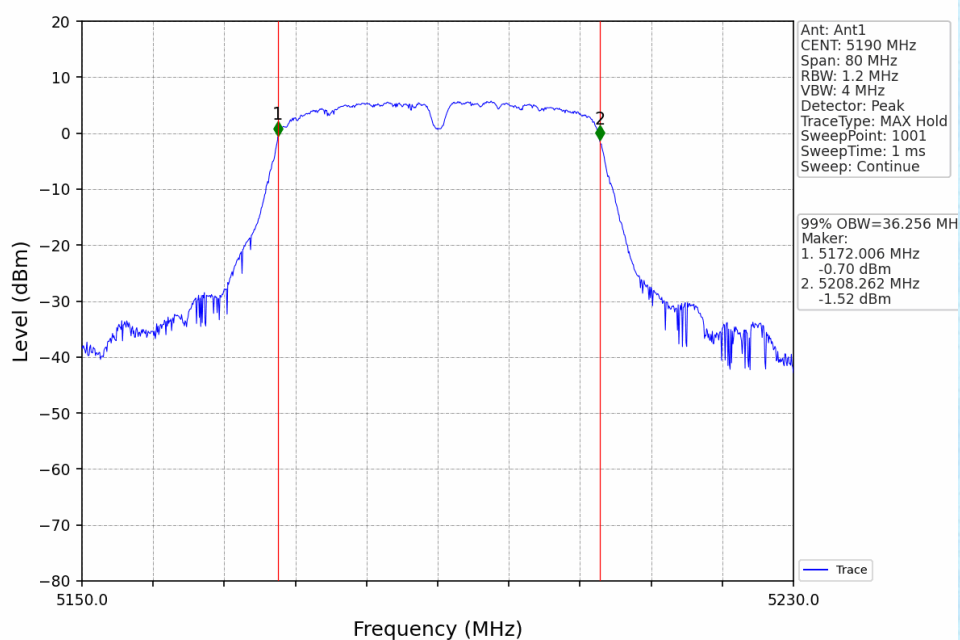
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



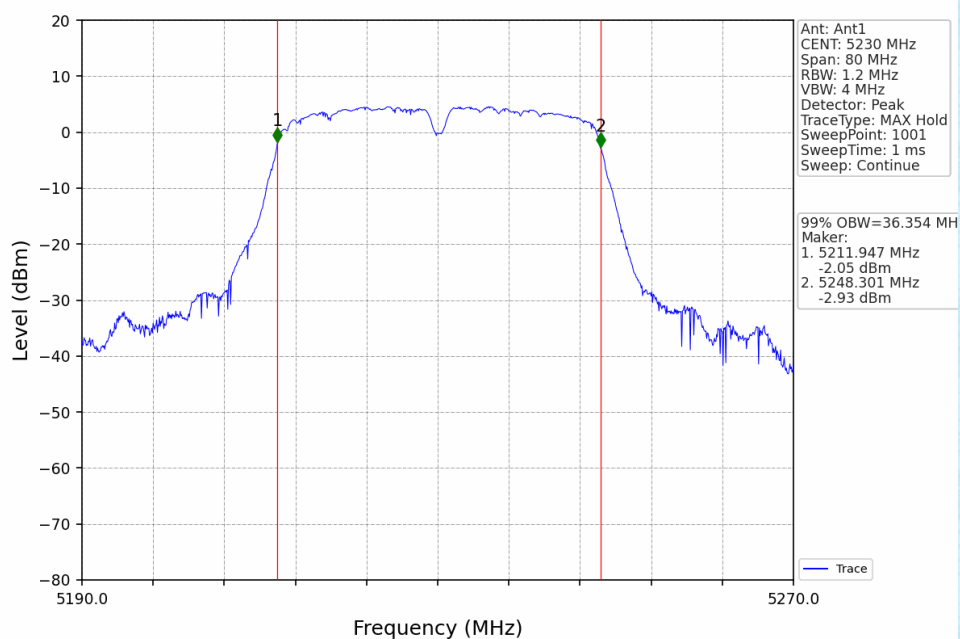
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



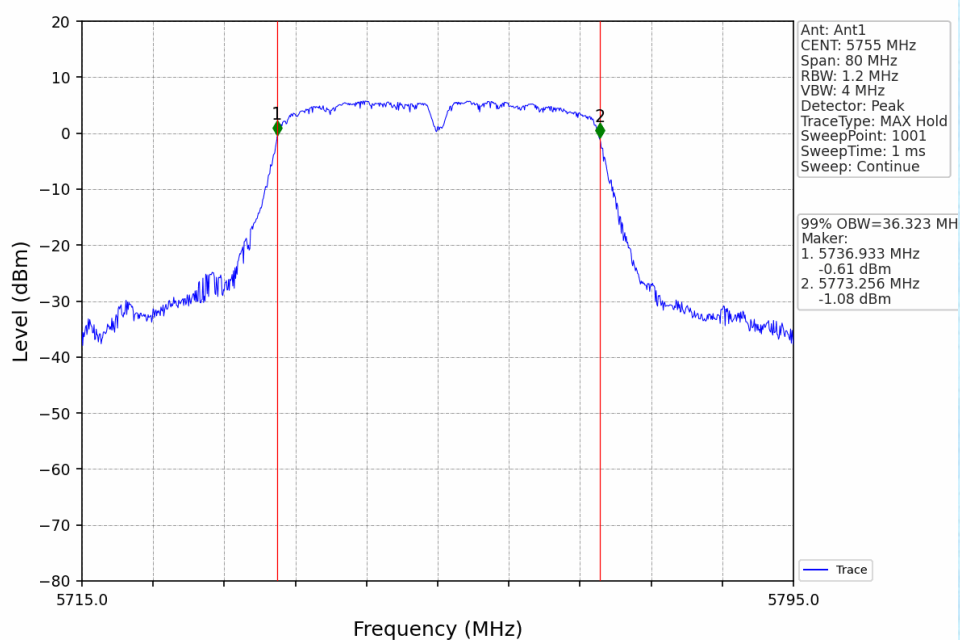
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



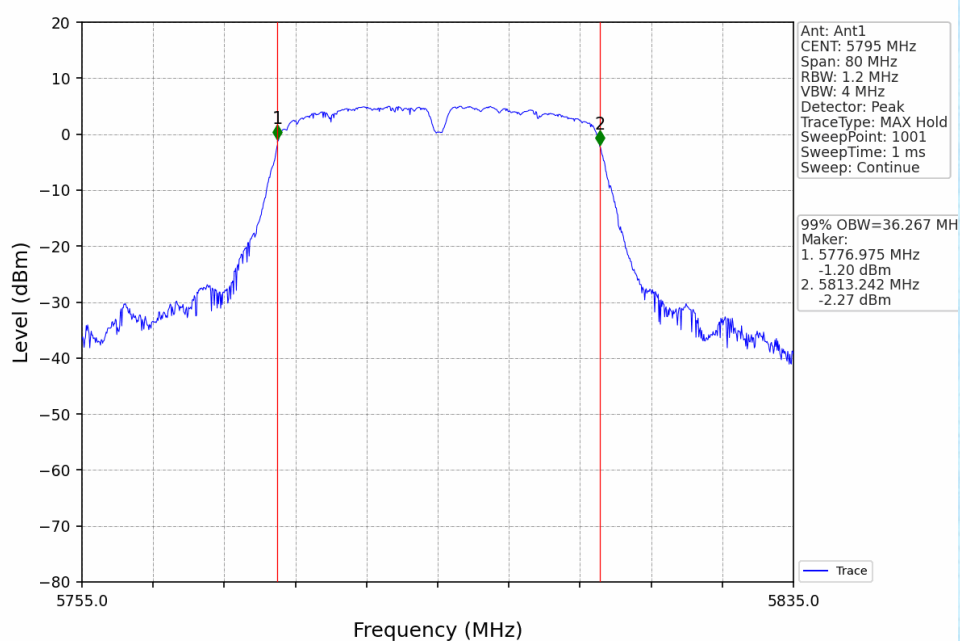
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



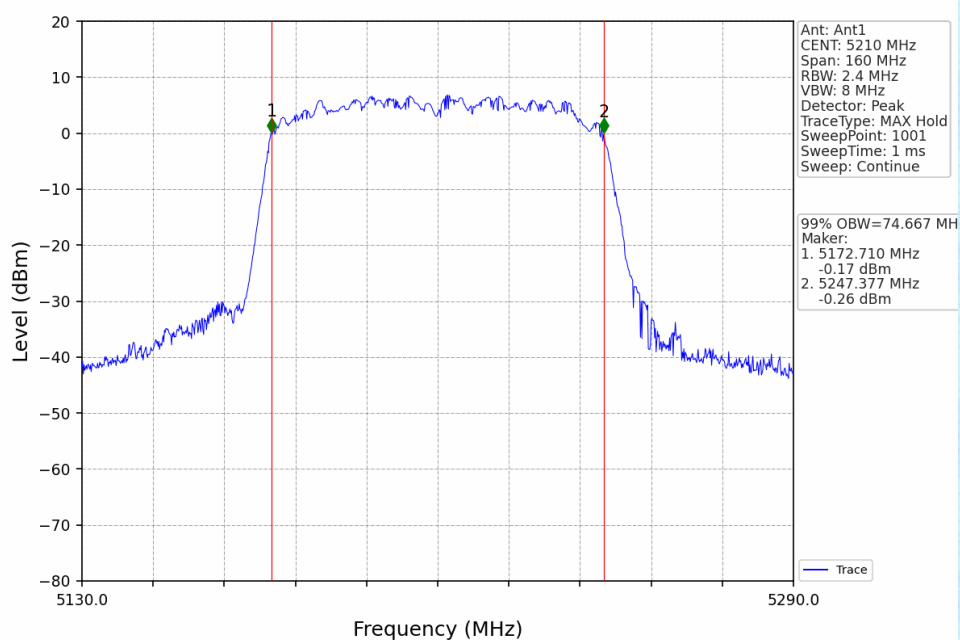
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



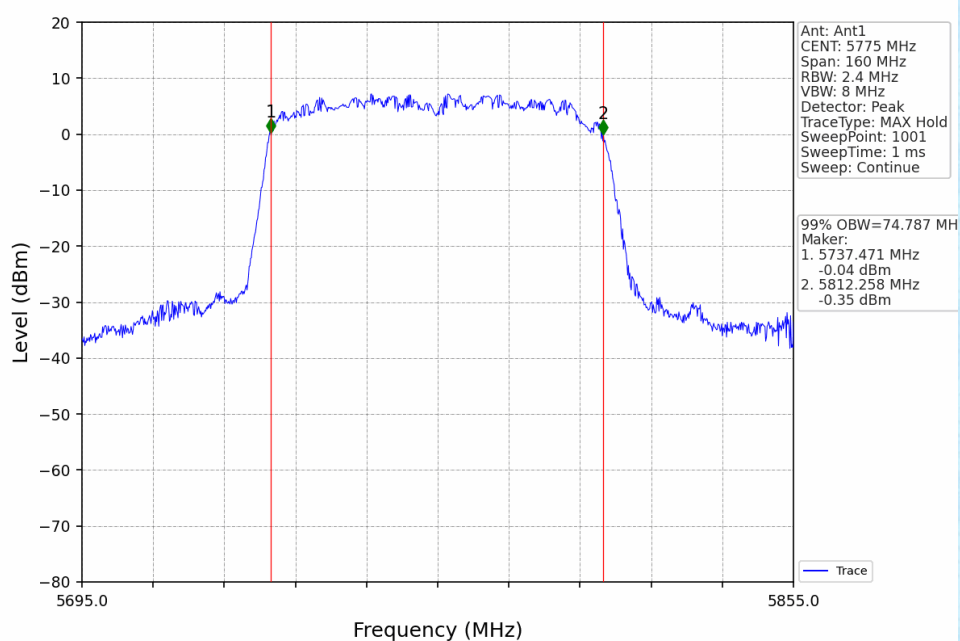
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

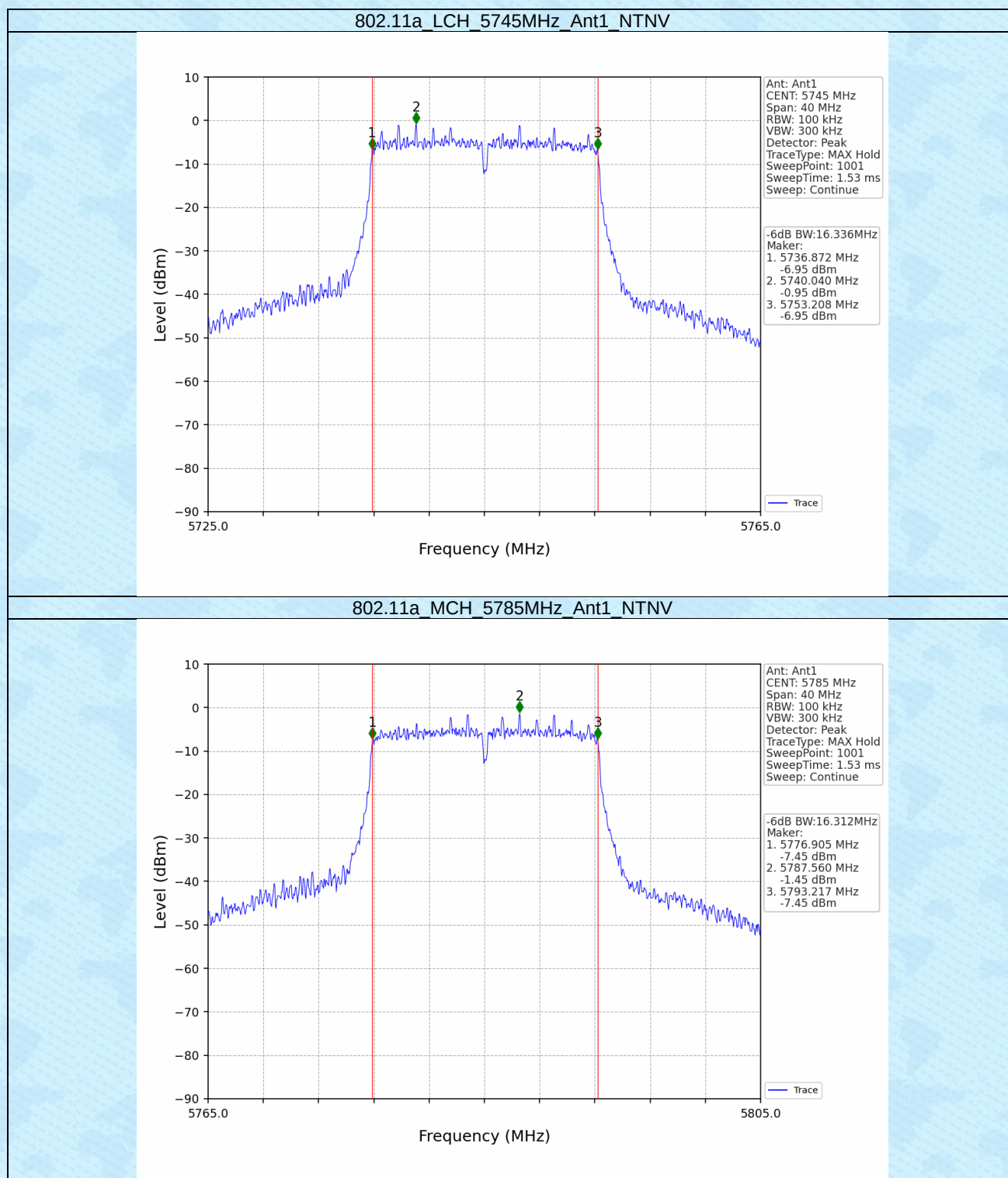


2.2 6dB BW

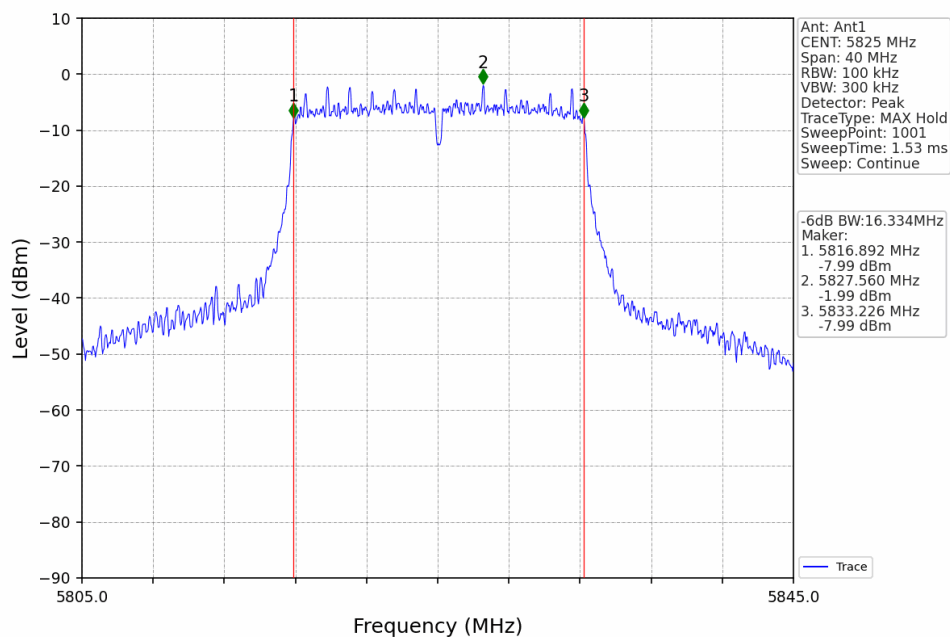
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.336	≥ 0.5	Pass
		5785	1	16.312	≥ 0.5	Pass
		5825	1	16.334	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	17.562	≥ 0.5	Pass
		5785	1	17.570	≥ 0.5	Pass
		5825	1	17.566	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.499	≥ 0.5	Pass
		5795	1	35.162	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.305	≥ 0.5	Pass
		5785	1	17.545	≥ 0.5	Pass
		5825	1	17.535	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.185	≥ 0.5	Pass
		5795	1	35.172	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.073	≥ 0.5	Pass

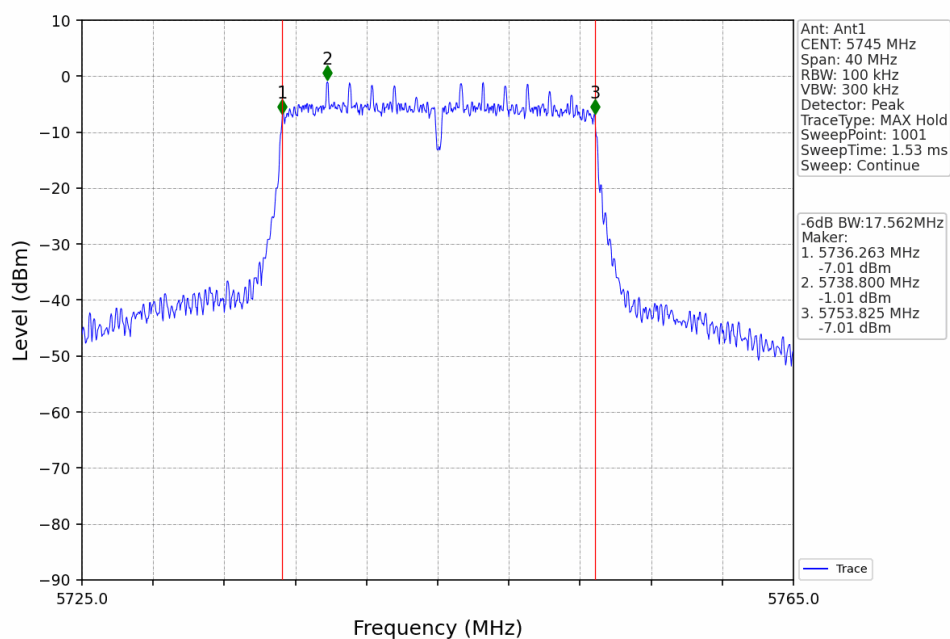
2.2.2 Test Graph



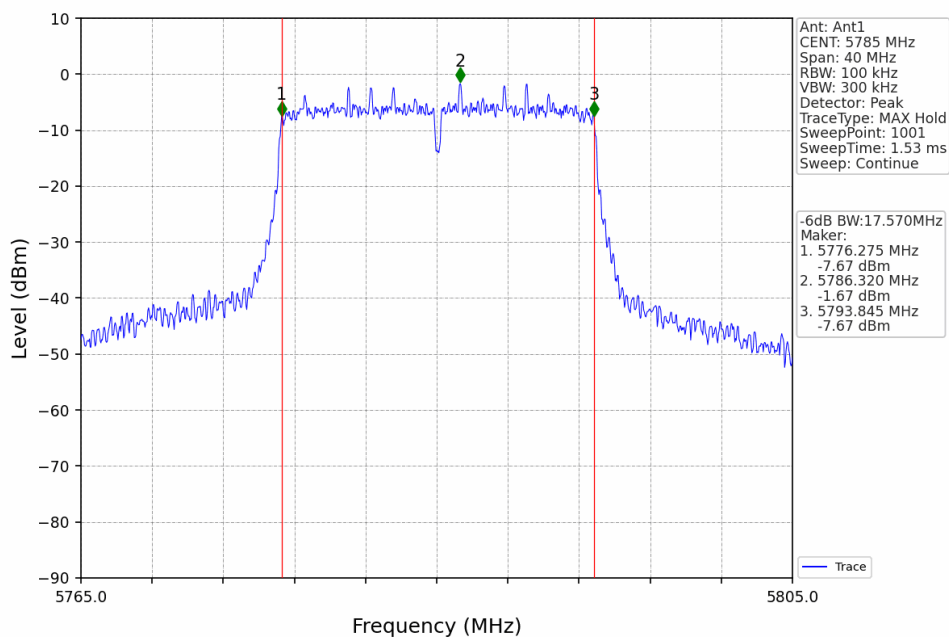
802.11a_HCH_5825MHz_Ant1_NTNV



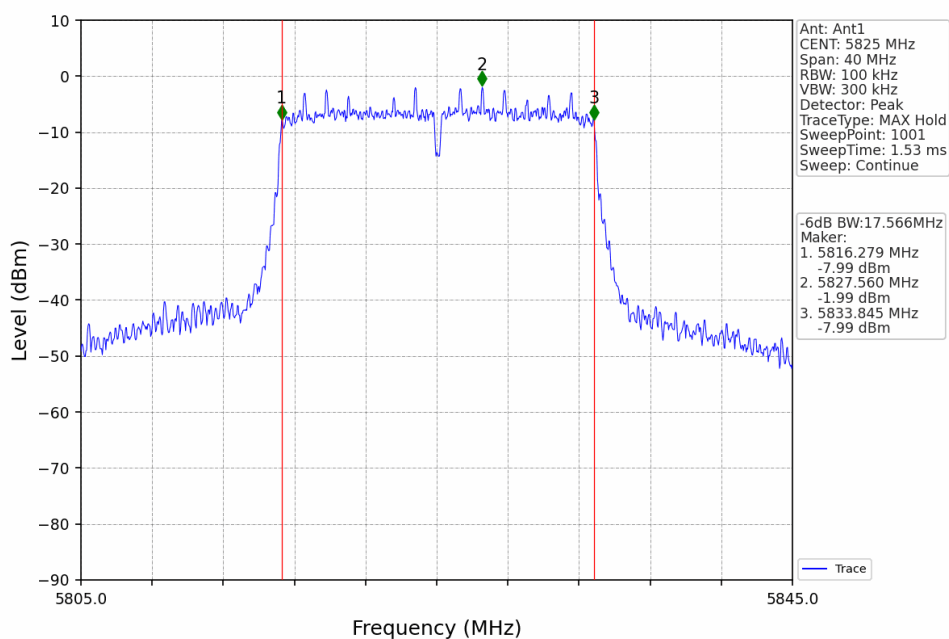
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



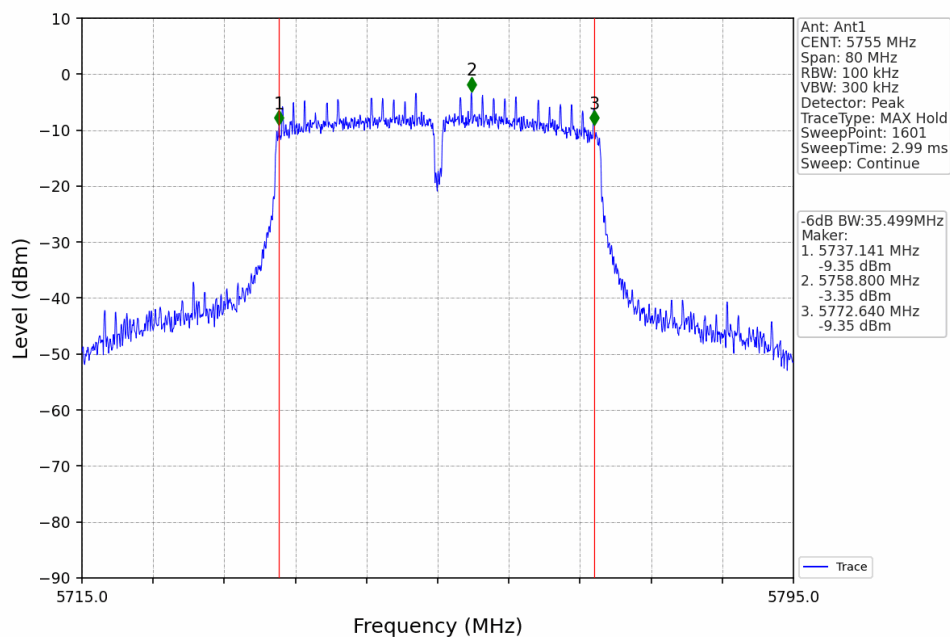
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



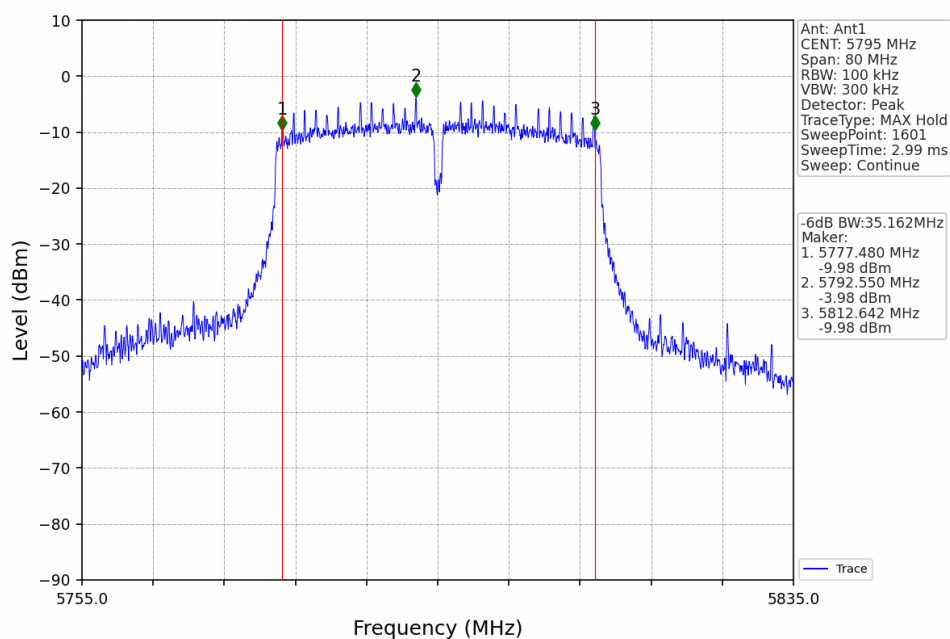
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



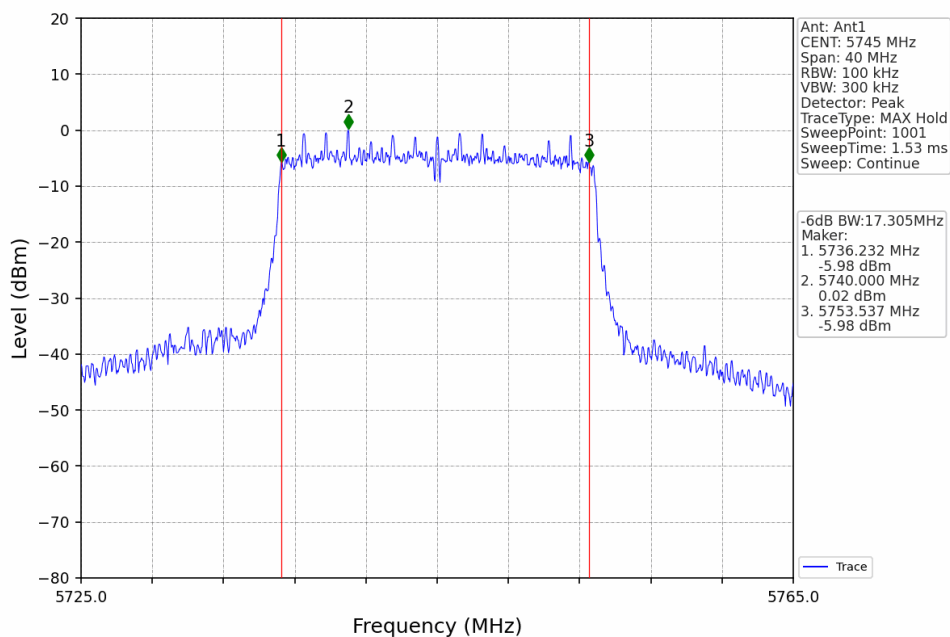
802.11n(HT40) LCH_5755MHz_Ant1_NTNV



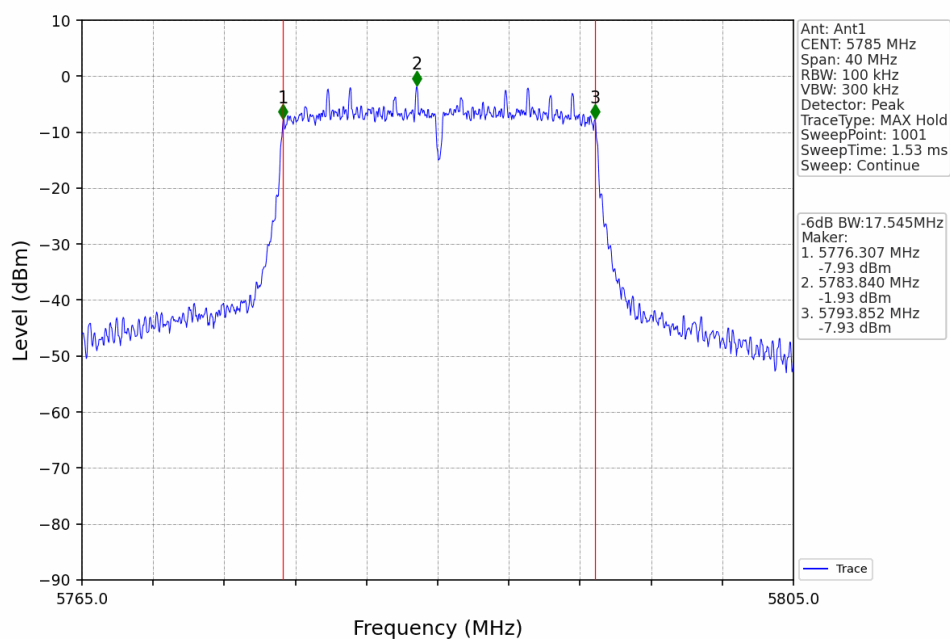
802.11n(HT40) HCH_5795MHz_Ant1_NTNV



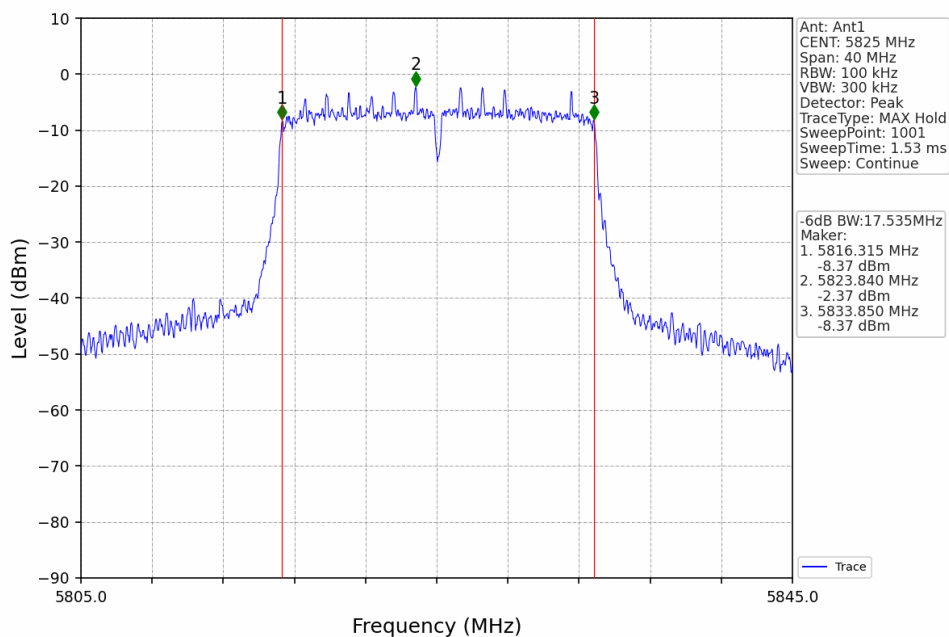
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



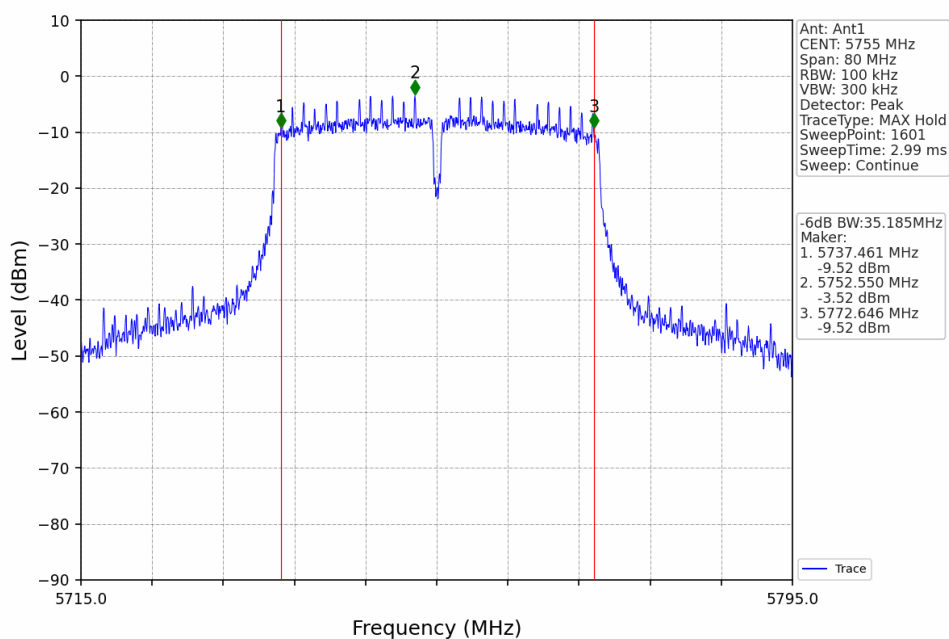
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



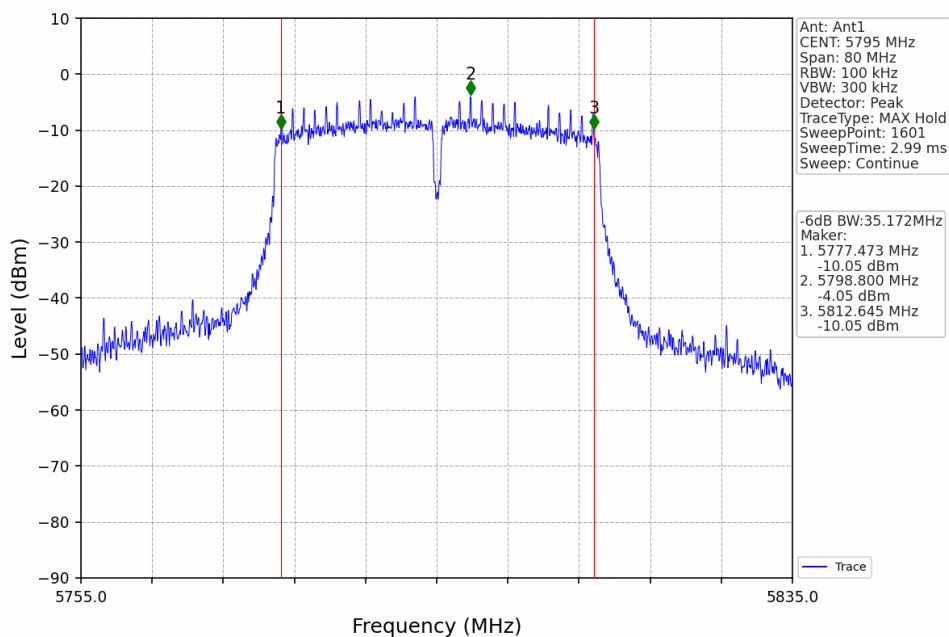
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



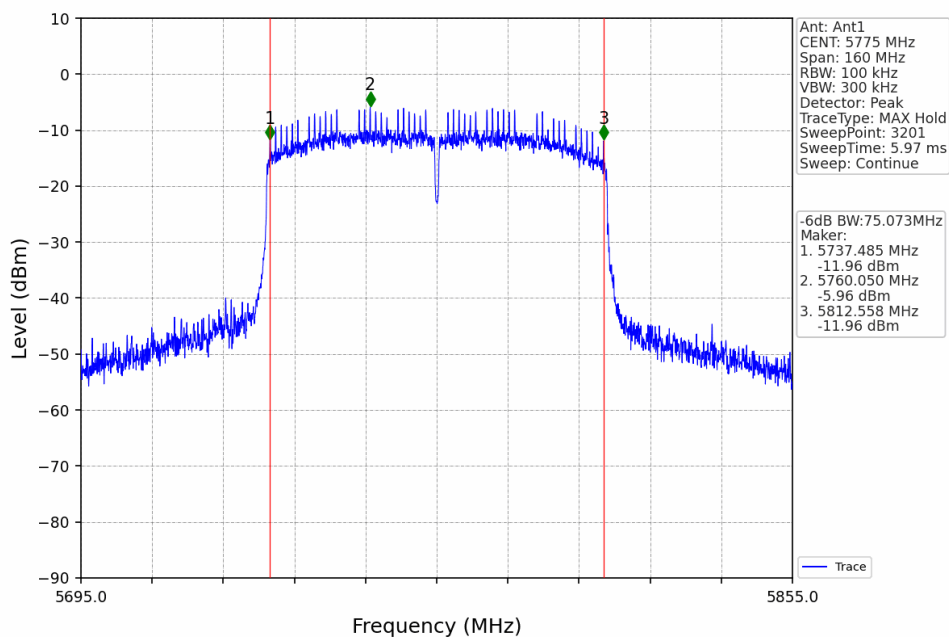
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	18.371	Pass
		5200	1	18.424	Pass
		5240	1	18.400	Pass
802.11n (HT20)	SISO	5180	1	19.298	Pass
		5200	1	19.253	Pass
		5240	1	19.311	Pass
802.11n (HT40)	SISO	5190	1	41.010	Pass
		5230	1	41.066	Pass
802.11ac (VHT20)	SISO	5180	1	19.250	Pass
		5200	1	19.339	Pass
		5240	1	19.331	Pass
802.11ac (VHT40)	SISO	5190	1	40.923	Pass
		5230	1	41.028	Pass
802.11ac (VHT80)	SISO	5210	1	80.813	Pass

2.3.2 Test Graph

