



1. Duty Cycle

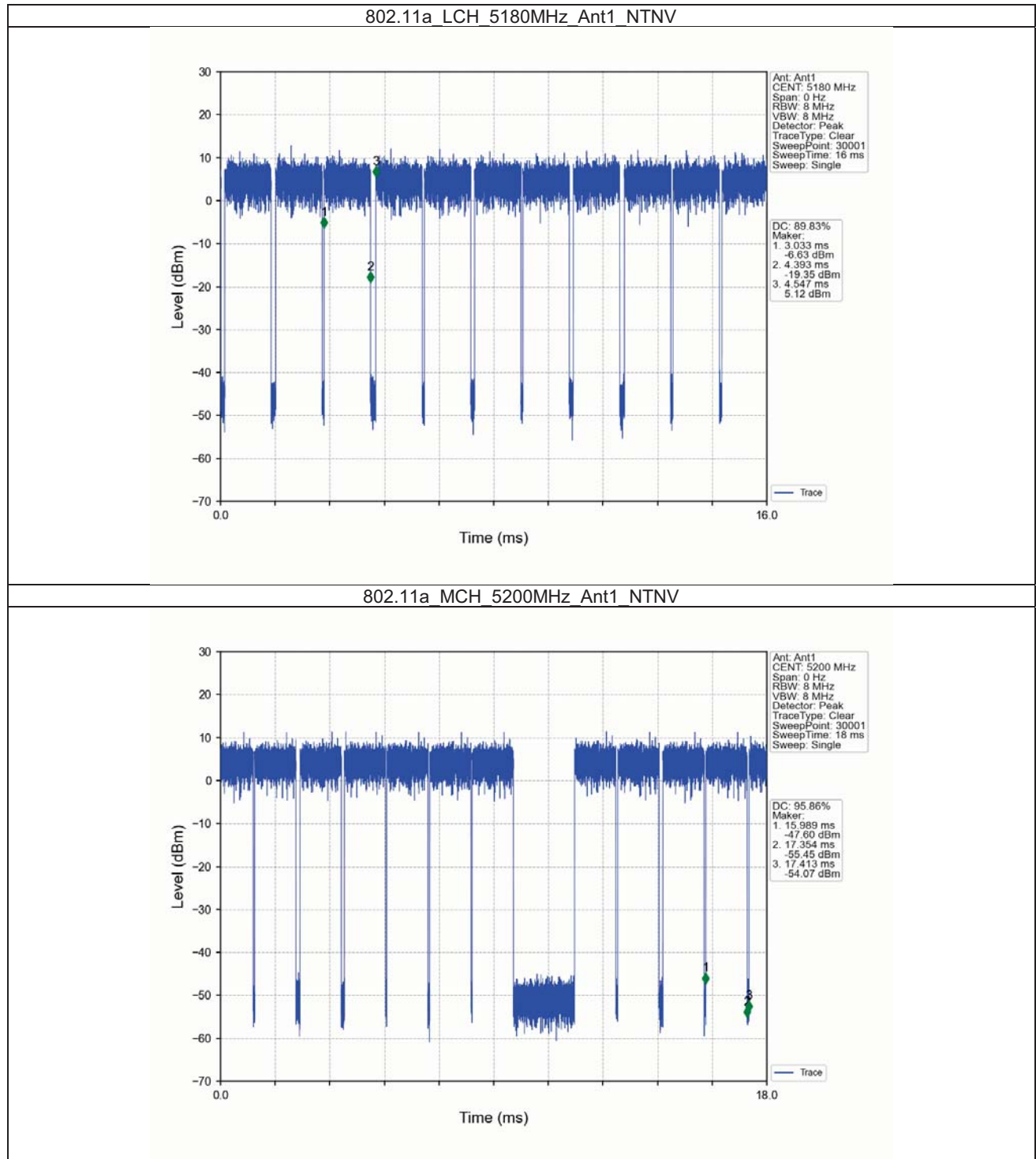
1.1 Ant1

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	1.360	1.514	89.83	0.47	6.30
		5200	1.365	1.424	95.86	0.18	1.85
		5240	1.363	1.522	89.55	0.48	8.07
		5745	1.360	4.067	33.44	4.76	62.73
		5785	1.361	1.532	88.84	0.51	5.56
		5825	1.367	1.524	89.70	0.47	7.45
802.11n (HT20)	SISO	5180	1.280	1.445	88.58	0.53	8.51
		5200	1.273	1.426	89.27	0.49	7.32
		5240	1.272	1.444	88.09	0.55	7.11
		5745	0.000	0.001	0.00	0.00	74.73
		5785	1.272	1.407	90.41	0.44	4.87
		5825	1.273	1.426	89.27	0.49	6.01
802.11n (HT40)	SISO	5190	0.633	0.795	79.62	0.99	14.99
		5230	0.632	0.776	81.44	0.89	13.16
		5755	0.632	0.795	79.50	1.00	15.01
		5795	0.633	0.804	78.73	1.04	15.84
802.11ac (VHT20)	SISO	5180	1.288	1.443	89.26	0.49	7.87
		5200	1.280	1.443	88.70	0.52	7.18
		5240	1.281	1.452	88.22	0.54	8.38
		5745	1.278	1.443	88.57	0.53	8.47
		5785	1.272	1.443	88.15	0.55	9.13
		5825	1.272	1.435	88.64	0.52	7.24
802.11ac (VHT40)	SISO	5190	0.640	1.440	44.44	3.52	24.55
		5230	0.640	0.812	78.82	1.03	14.45
		5755	0.641	2.272	28.21	5.50	43.33
		5795	0.641	3.072	20.87	6.81	10.93
802.11ac (VHT80)	SISO	5210	0.317	0.576	55.03	2.59	12.22
		5775	0.317	0.546	58.06	2.36	2.25

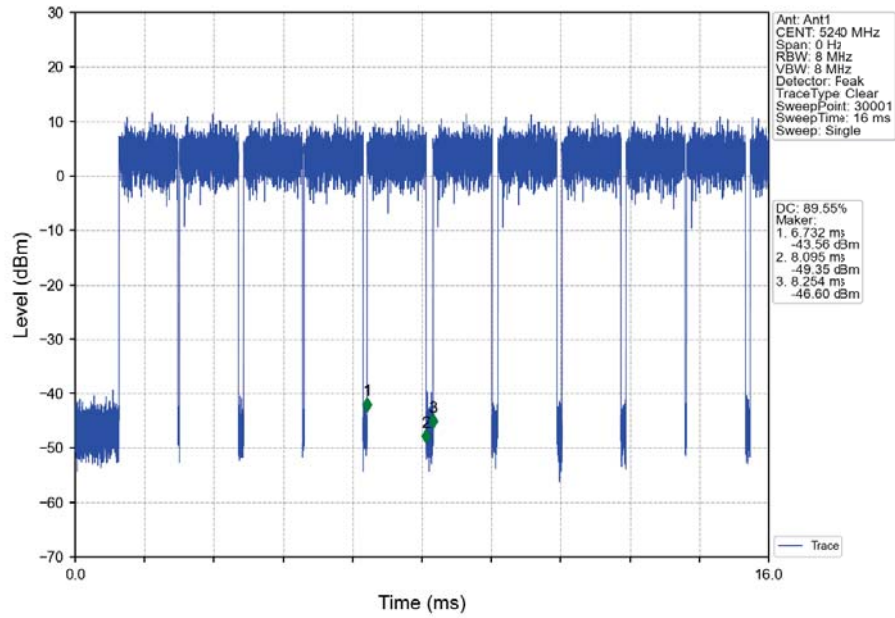


1.1.2 Test Graph

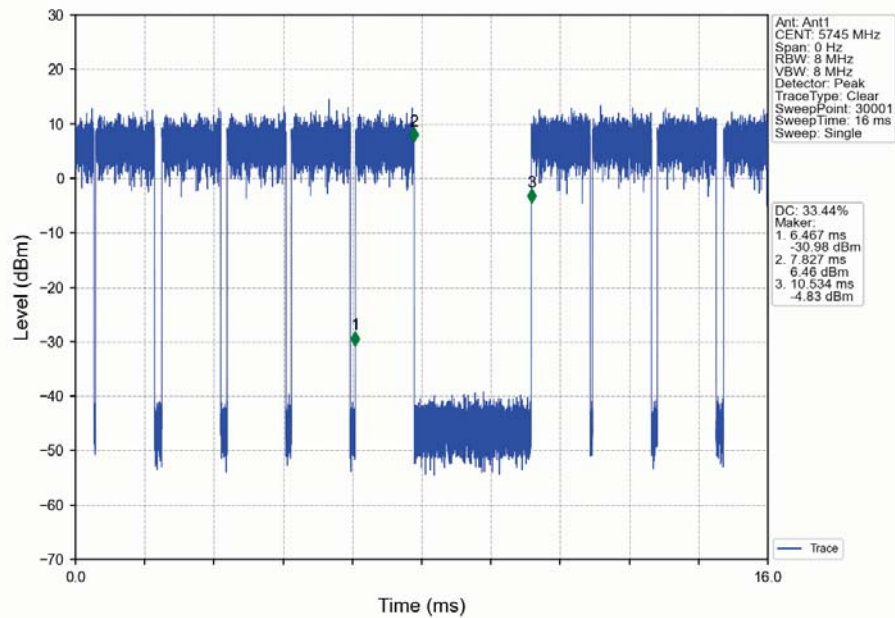




802.11a_HCH_5240MHz_Ant1_NTNV

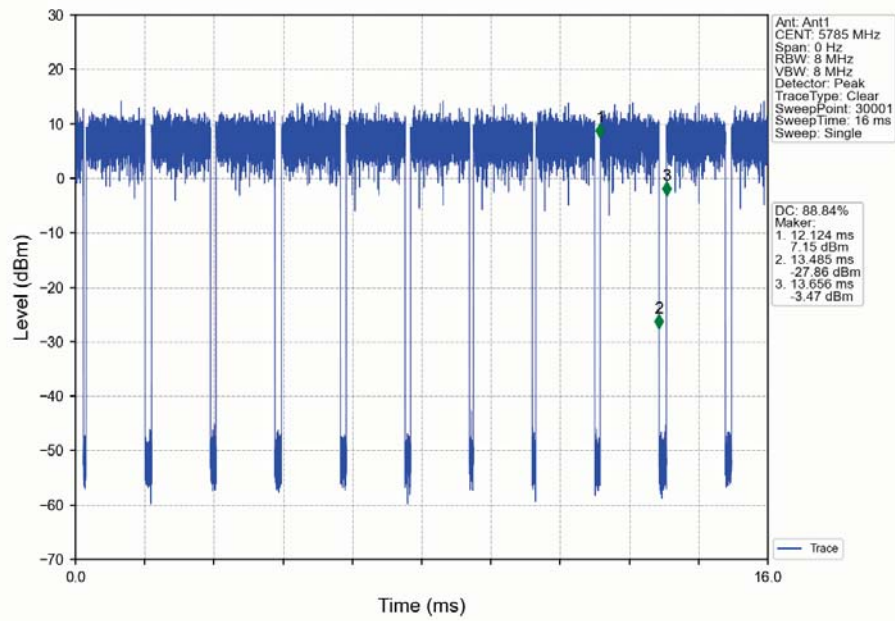


802.11a_LCH_5745MHz_Ant1_NTNV

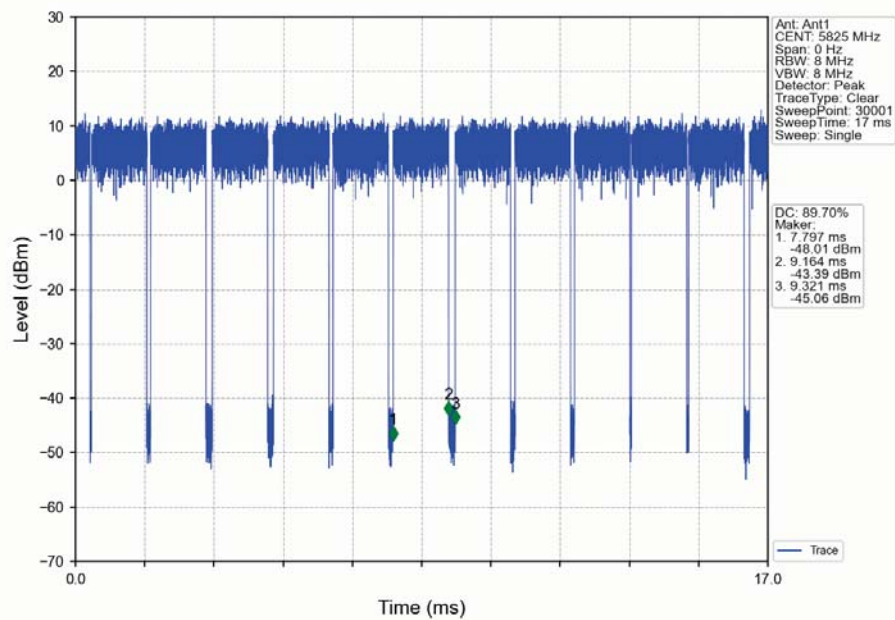




802.11a_MCH_5785MHz_Ant1_NTNV

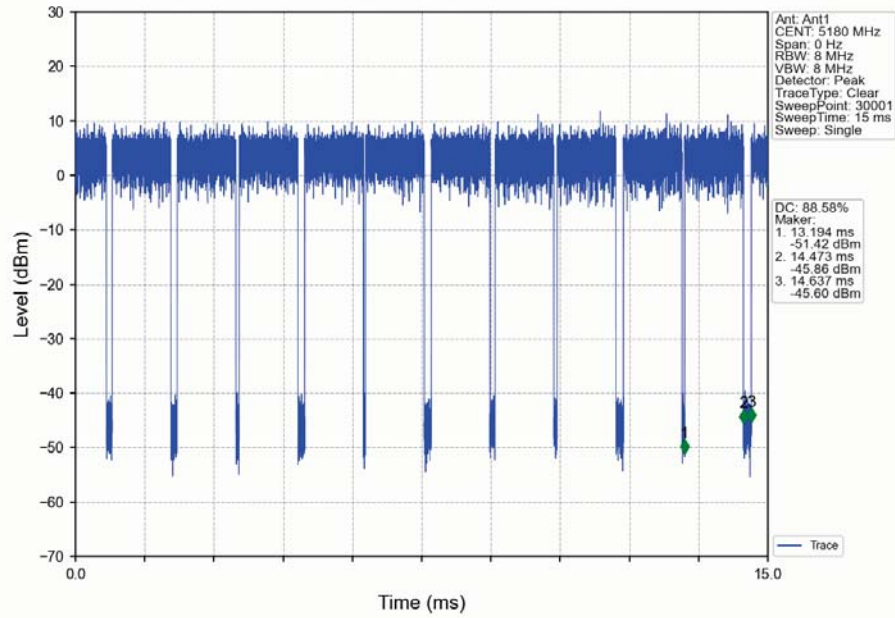


802.11a_HCH_5825MHz_Ant1_NTNV

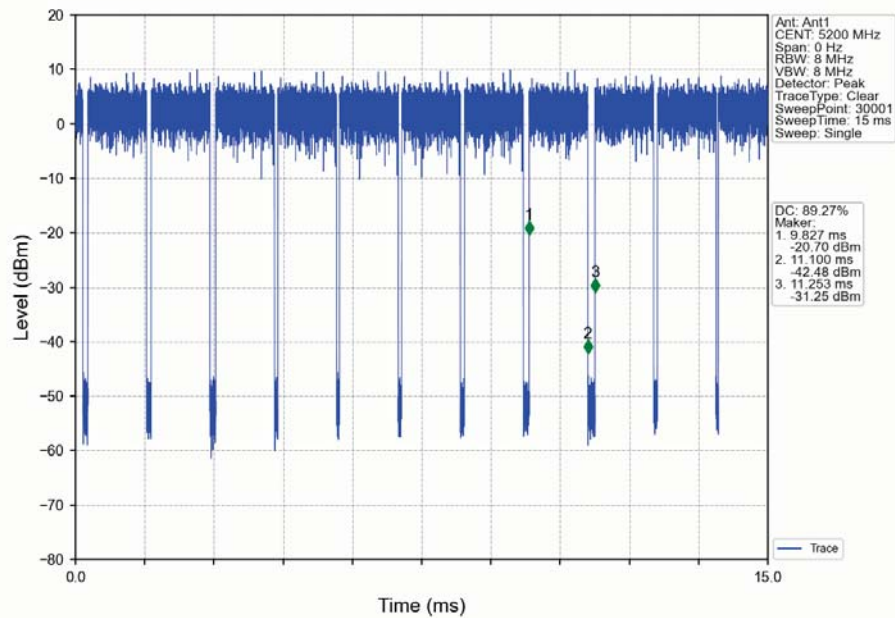




802.11n(HT20) LCH_5180MHz_Ant1_NTNV

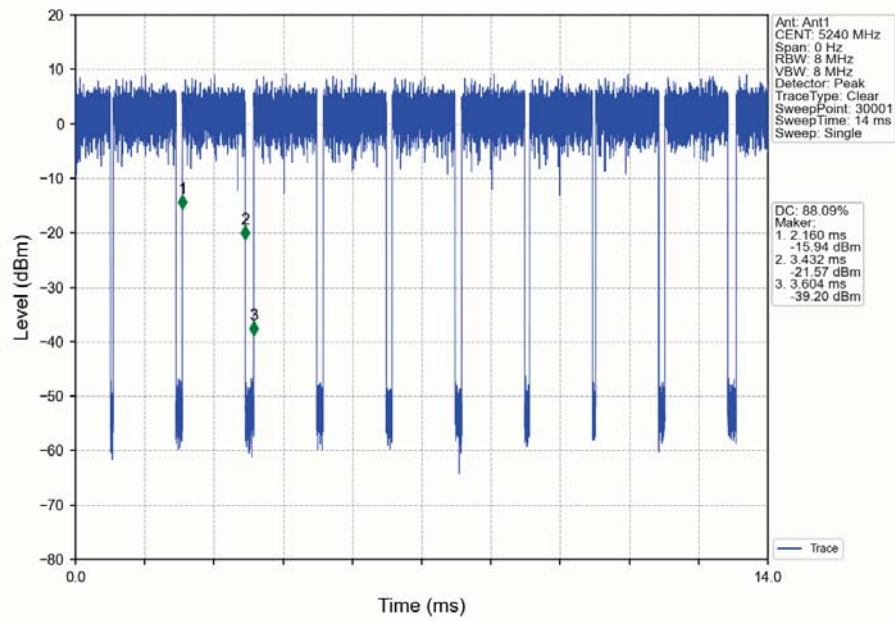


802.11n(HT20) MCH_5200MHz_Ant1_NTNV

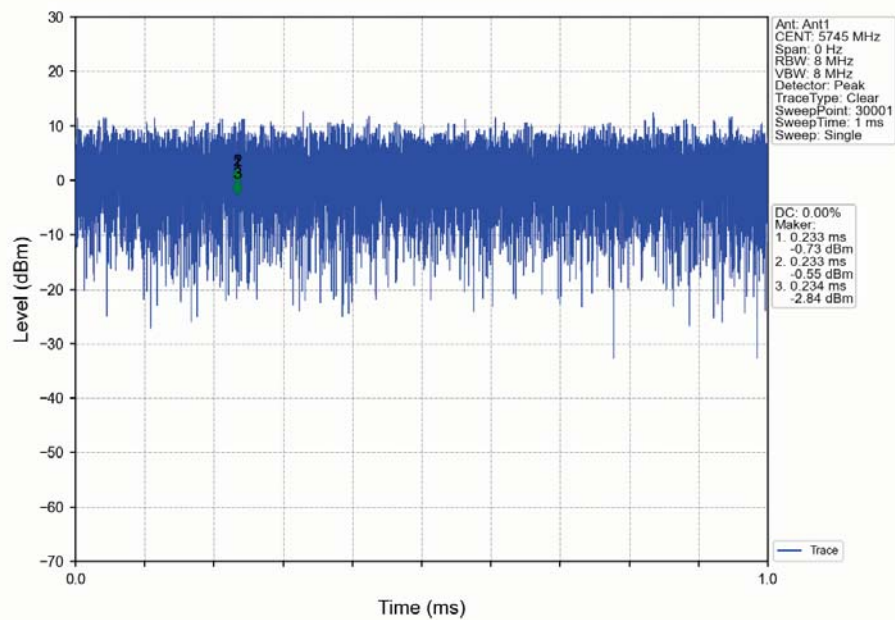




802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

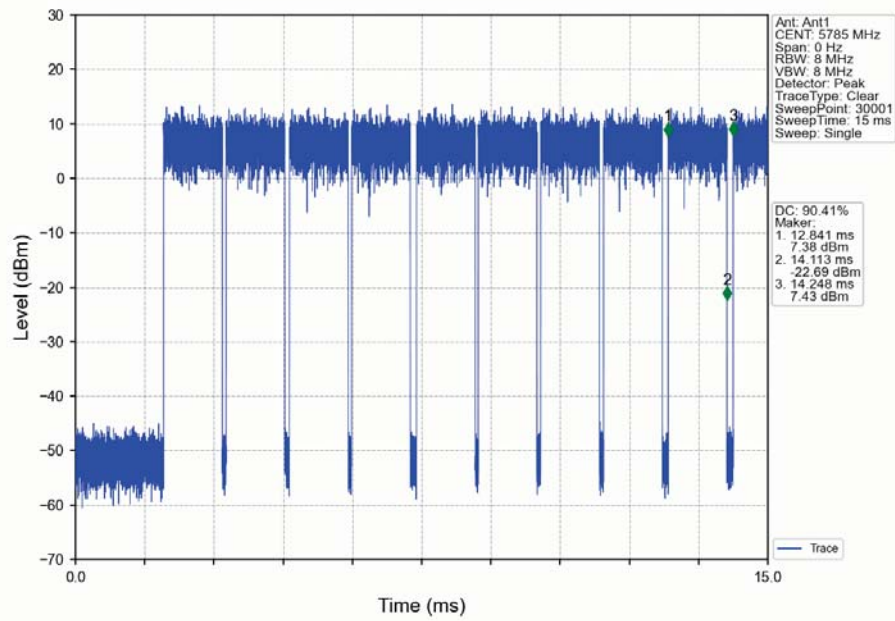


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

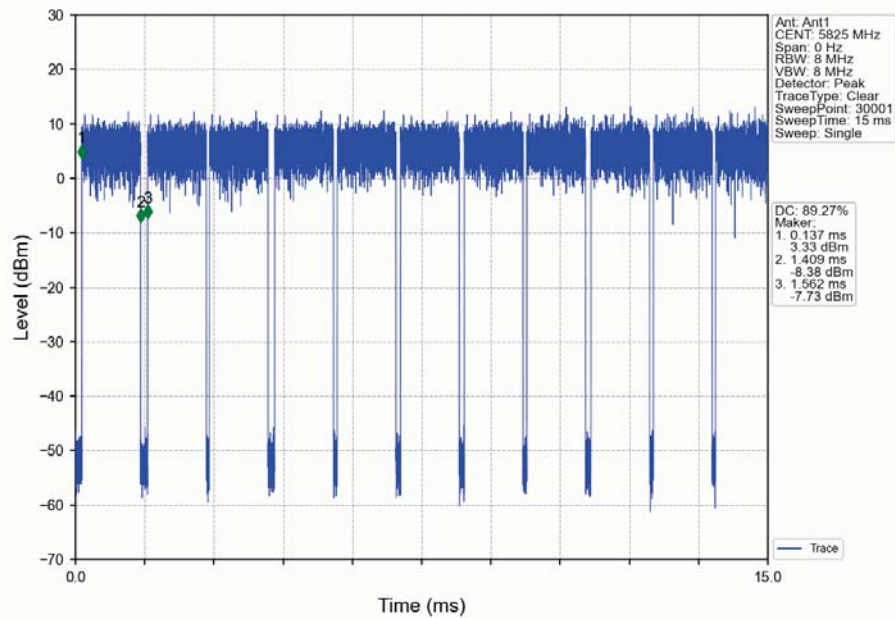




802.11n(HT20) MCH 5785MHz_Ant1_NTNV

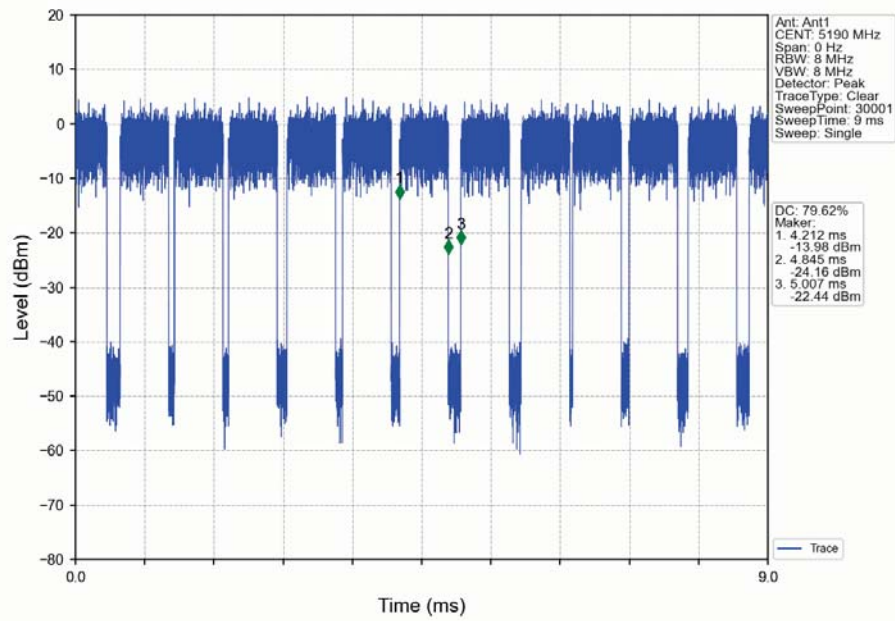


802.11n(HT20) HCH 5825MHz_Ant1_NTNV

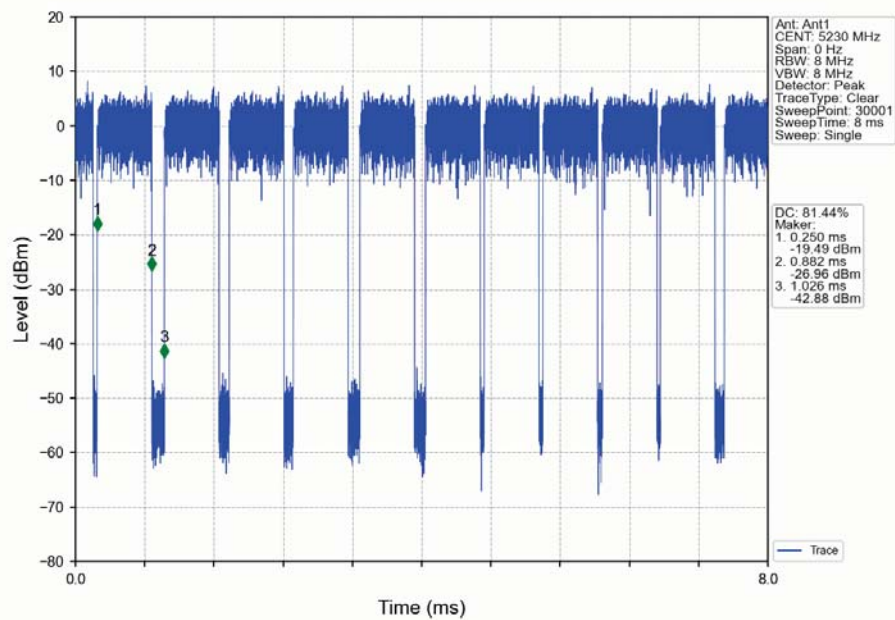




802.11n(HT40) LCH 5190MHz_Ant1_NTNV

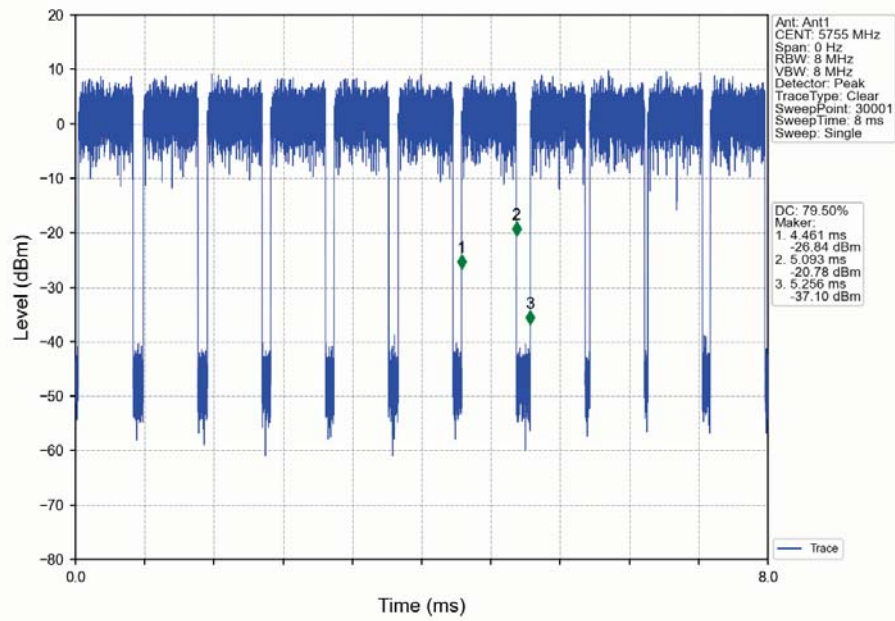


802.11n(HT40) HCH 5230MHz_Ant1_NTNV

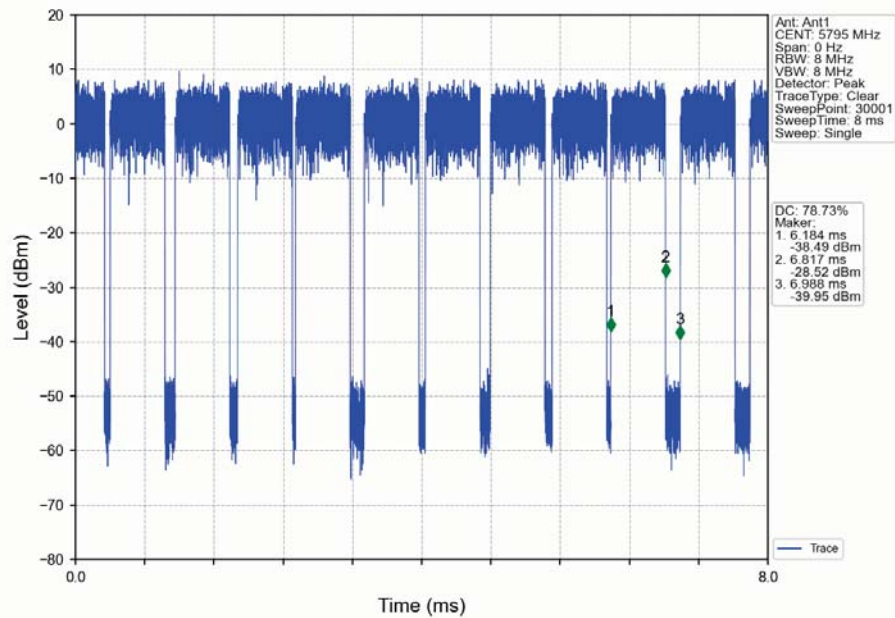




802.11n(HT40) LCH 5755MHz_Ant1_NTNV

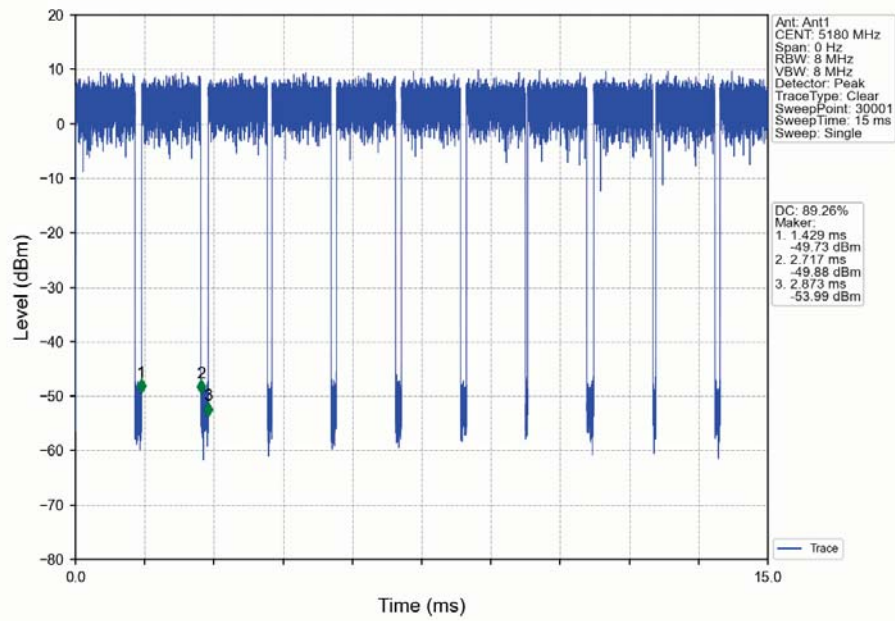


802.11n(HT40) HCH 5795MHz_Ant1_NTNV

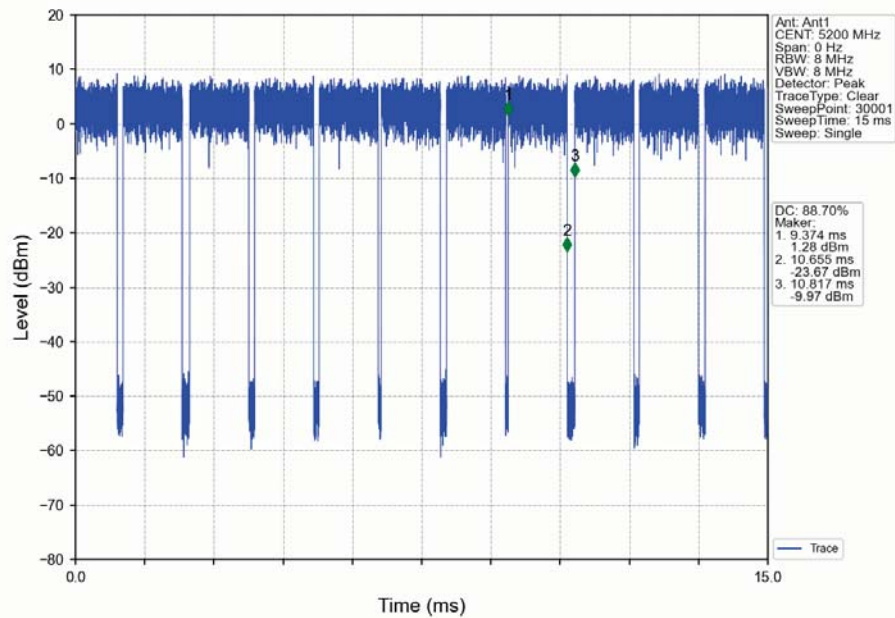




802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV

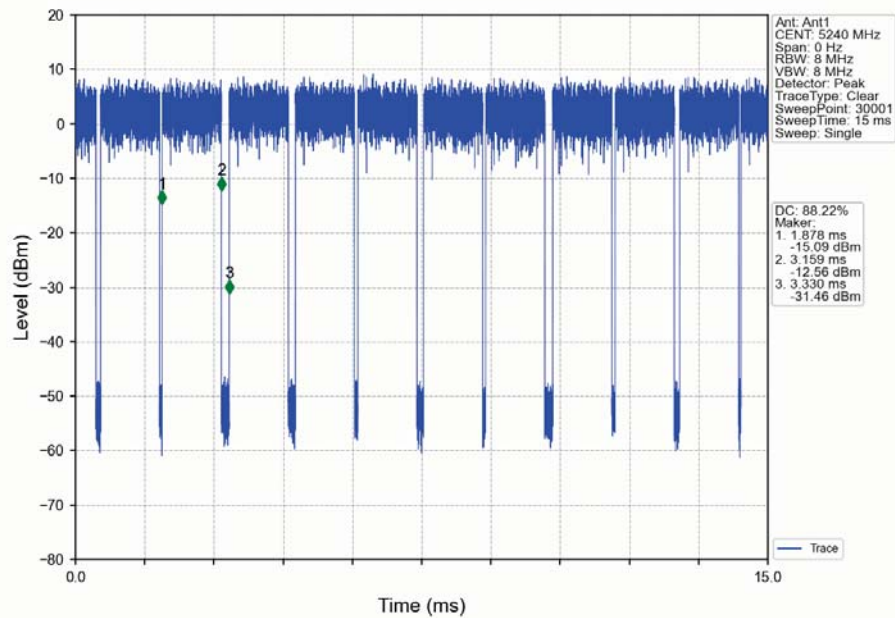


802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV

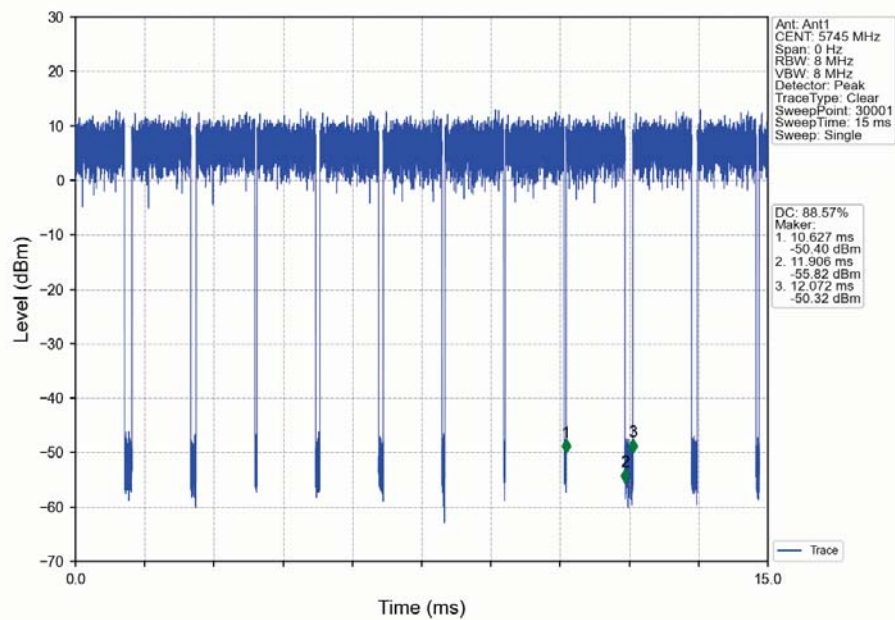




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

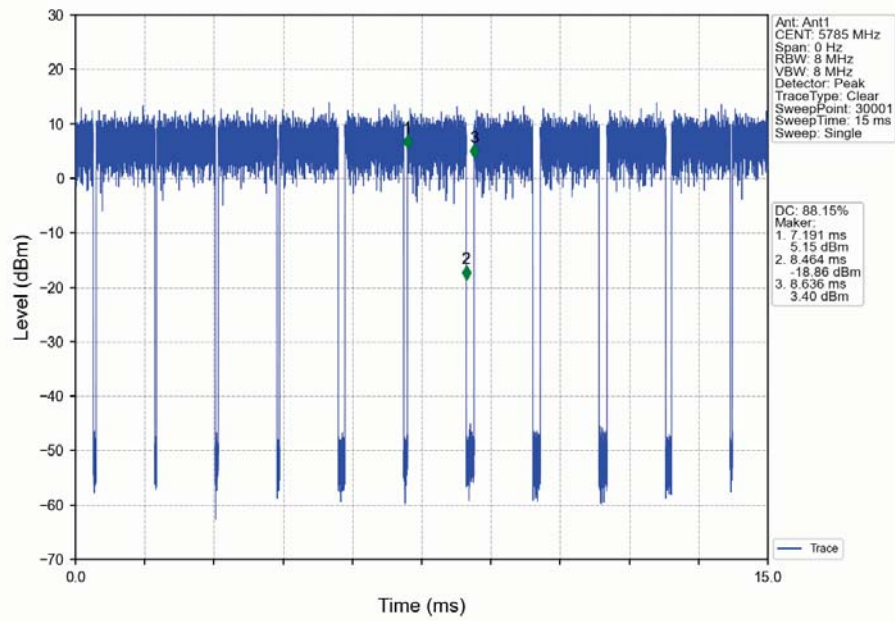


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

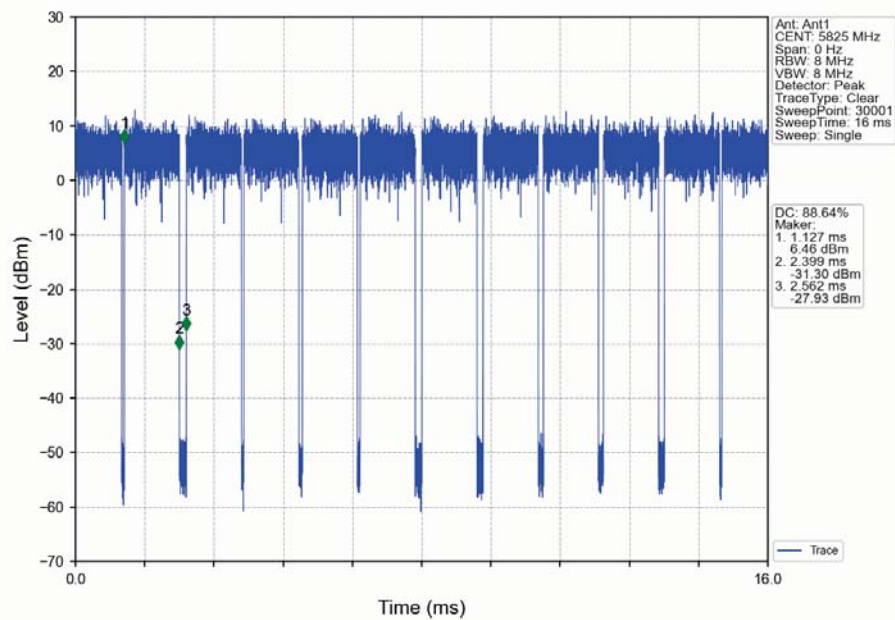




802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

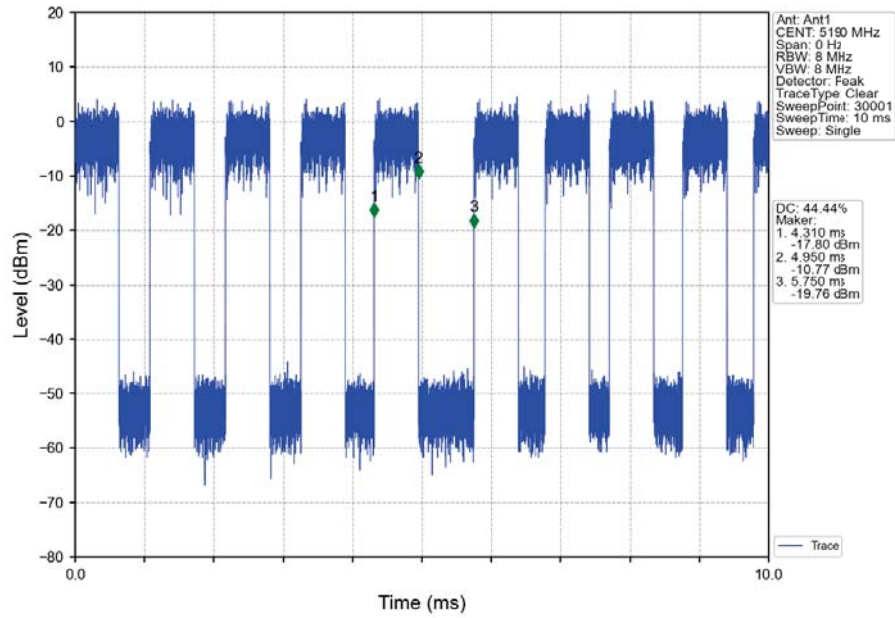


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

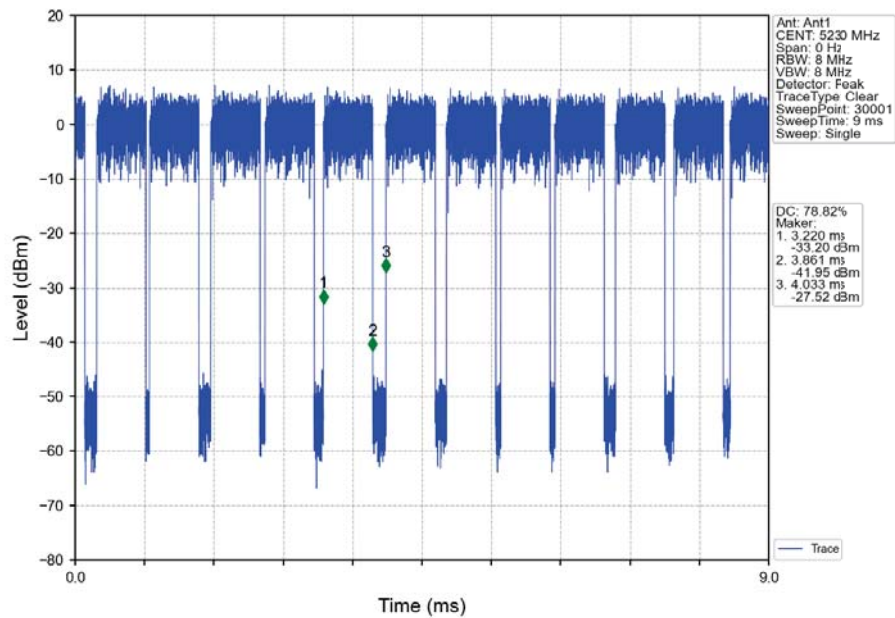




802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV

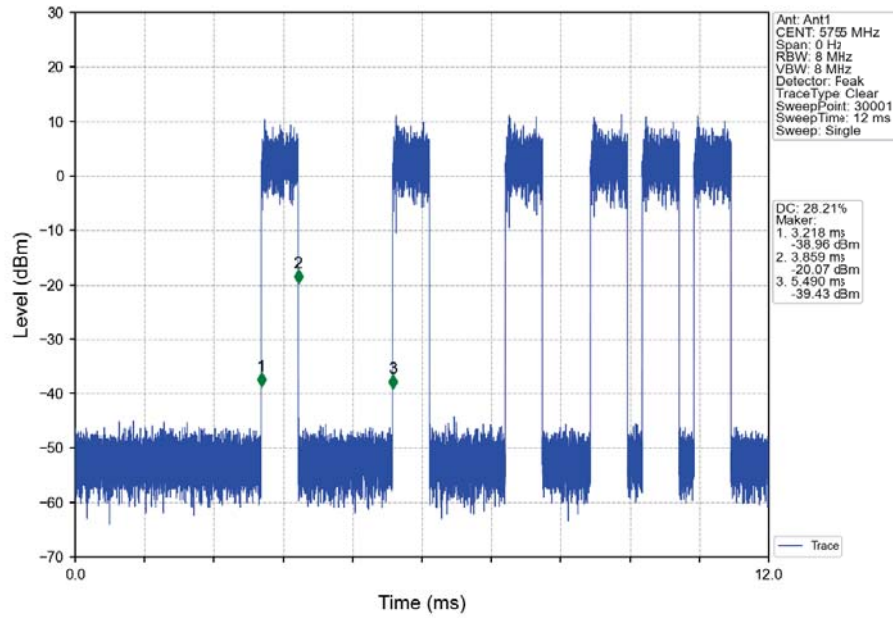


802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV

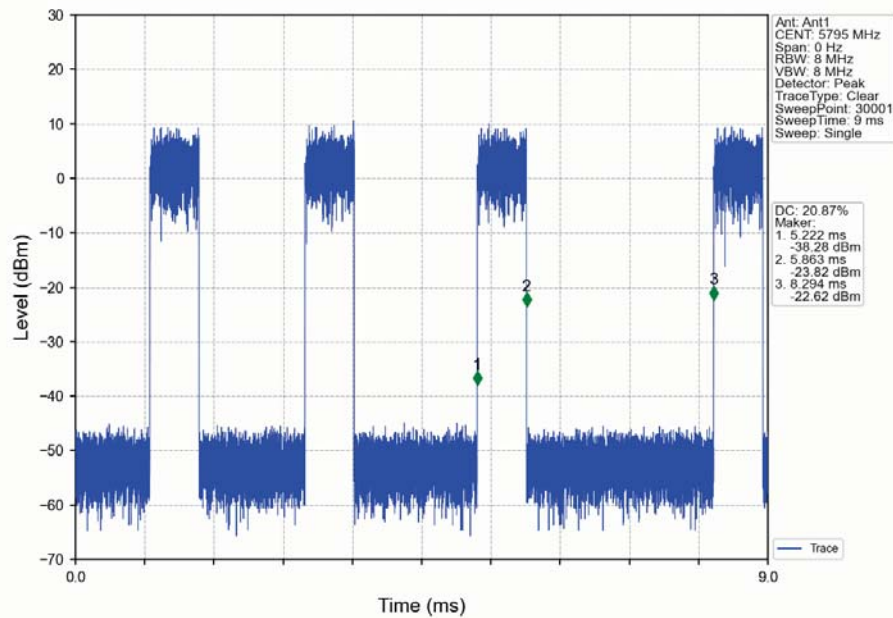




802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV

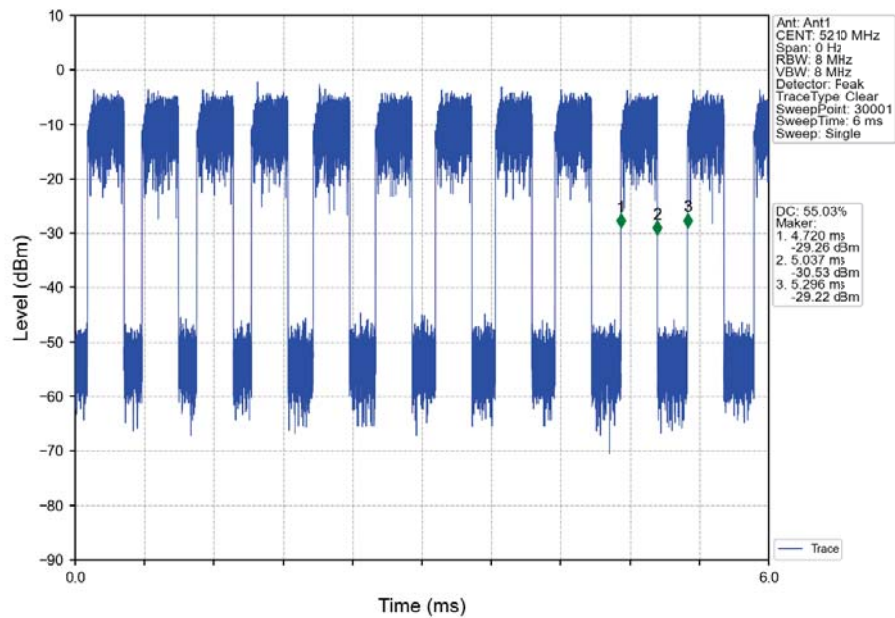


802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV

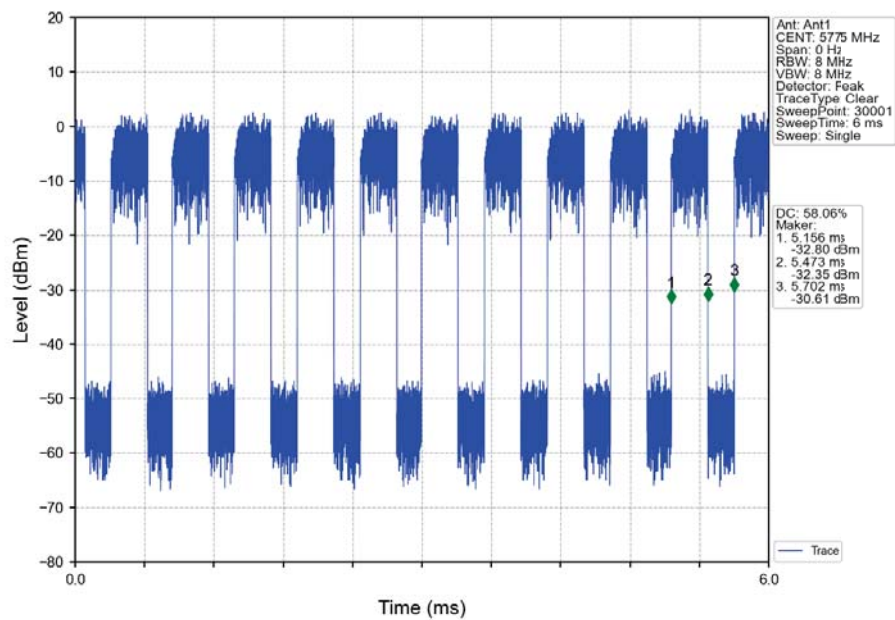




802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV





2. Bandwidth

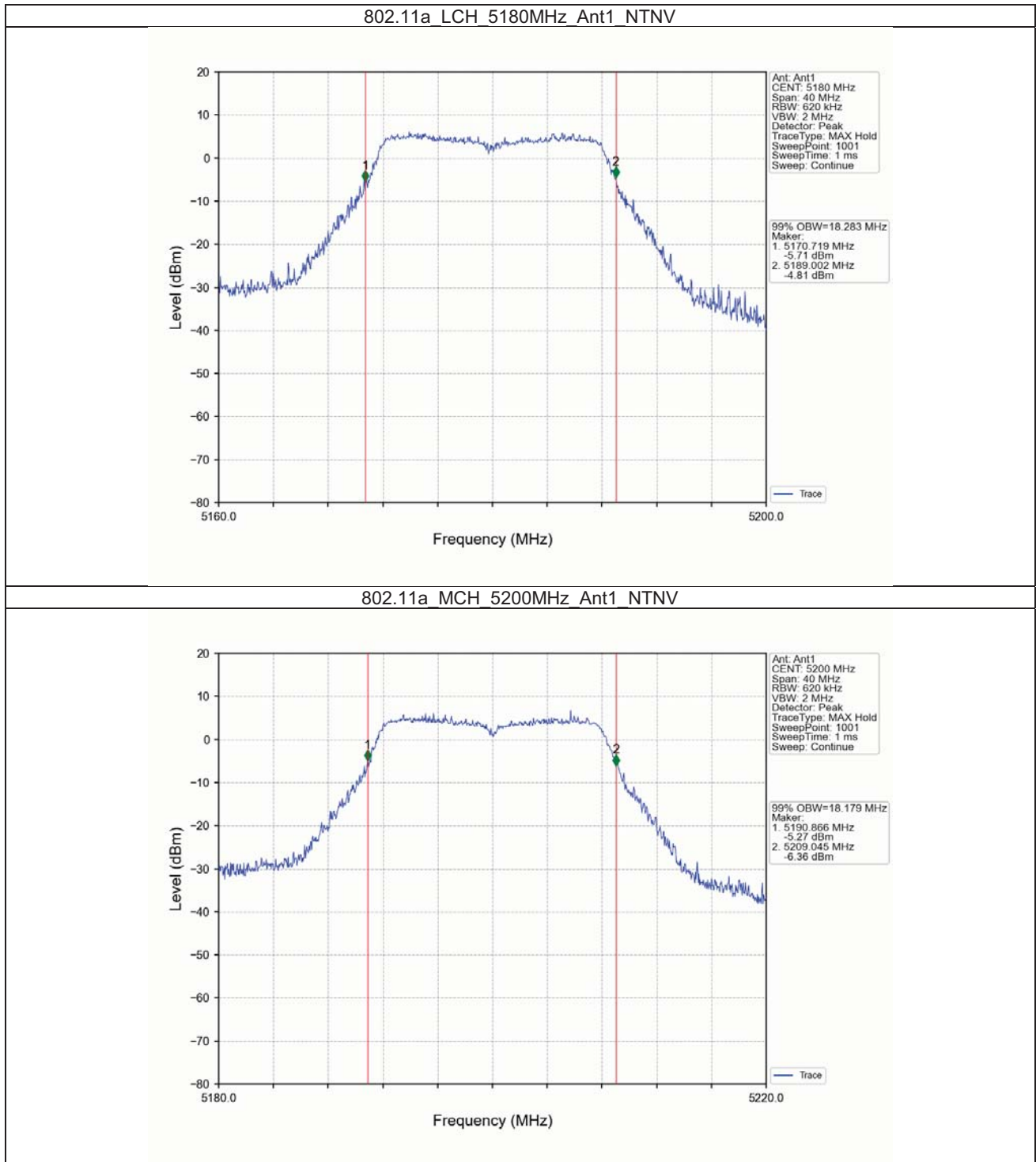
2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	18.283	/	Pass
		5200	1	18.179	/	Pass
		5240	1	18.097	/	Pass
		5745	1	18.251	/	Pass
		5785	1	18.199	/	Pass
		5825	1	18.298	/	Pass
802.11n (HT20)	SISO	5180	1	19.015	/	Pass
		5200	1	18.930	/	Pass
		5240	1	18.974	/	Pass
		5745	1	19.140	/	Pass
		5785	1	19.075	/	Pass
		5825	1	19.286	/	Pass
802.11n (HT40)	SISO	5190	1	37.696	/	Pass
		5230	1	37.553	/	Pass
		5755	1	37.742	/	Pass
		5795	1	37.836	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.991	/	Pass
		5200	1	18.932	/	Pass
		5240	1	18.926	/	Pass
		5745	1	19.270	/	Pass
		5785	1	19.067	/	Pass
		5825	1	19.077	/	Pass
802.11ac (VHT40)	SISO	5190	1	37.589	/	Pass
		5230	1	37.491	/	Pass
		5755	1	37.695	/	Pass
		5795	1	37.664	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.946	/	Pass
		5775	1	76.546	/	Pass

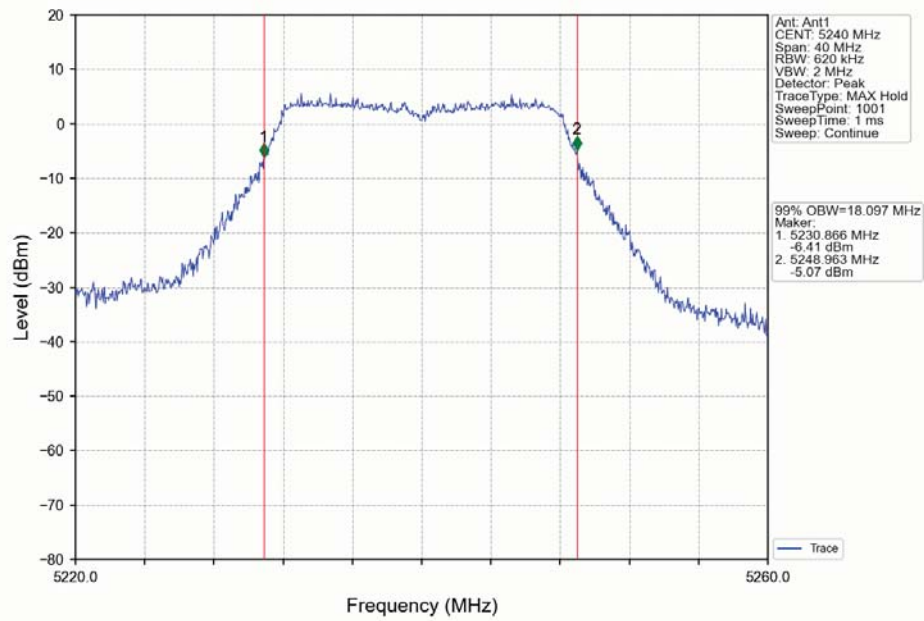


2.1.2 Test Graph

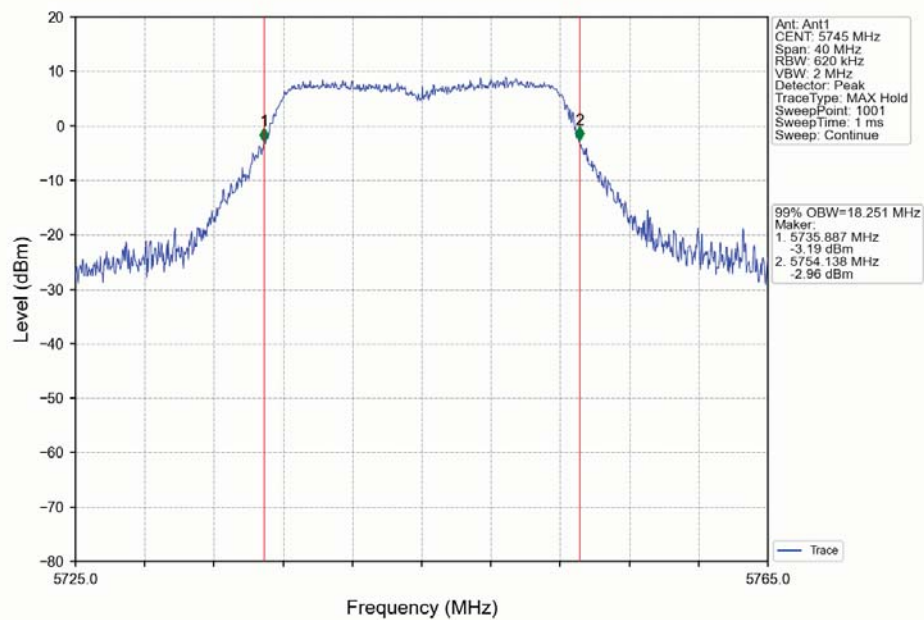




802.11a_HCH_5240MHz_Ant1_NTNV

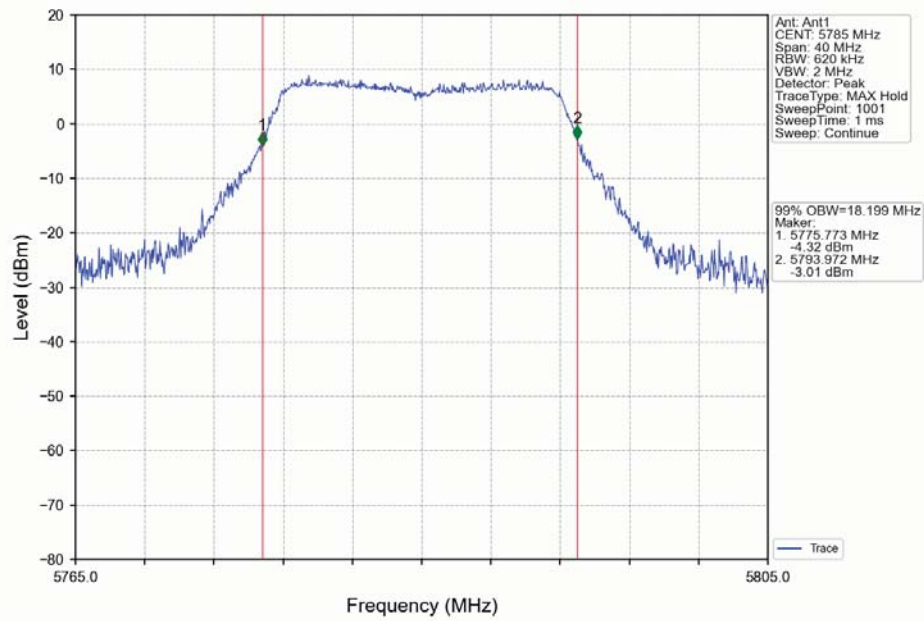


802.11a_LCH_5745MHz_Ant1_NTNV

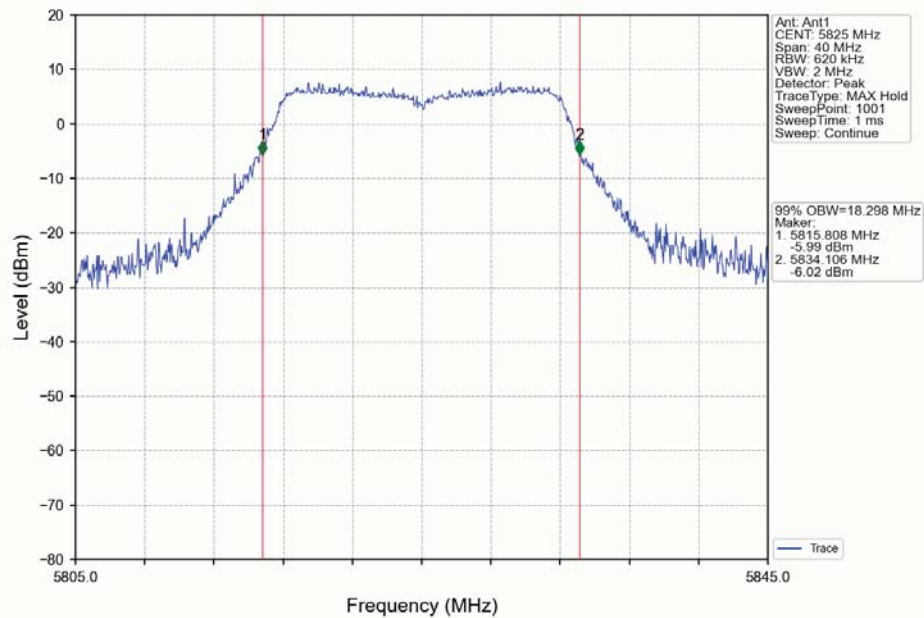




802.11a_MCH_5785MHz_Ant1_NTNV

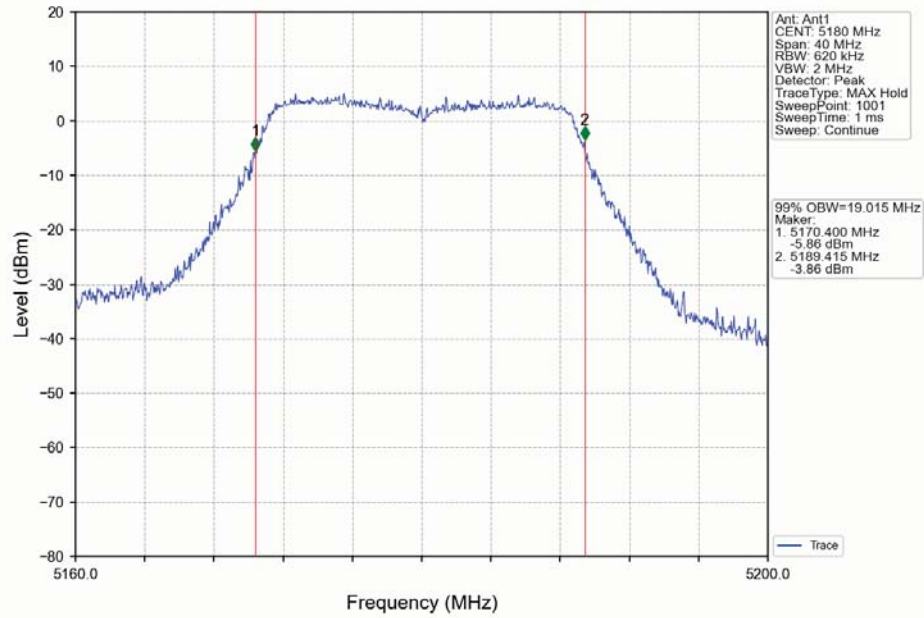


802.11a_HCH_5825MHz_Ant1_NTNV

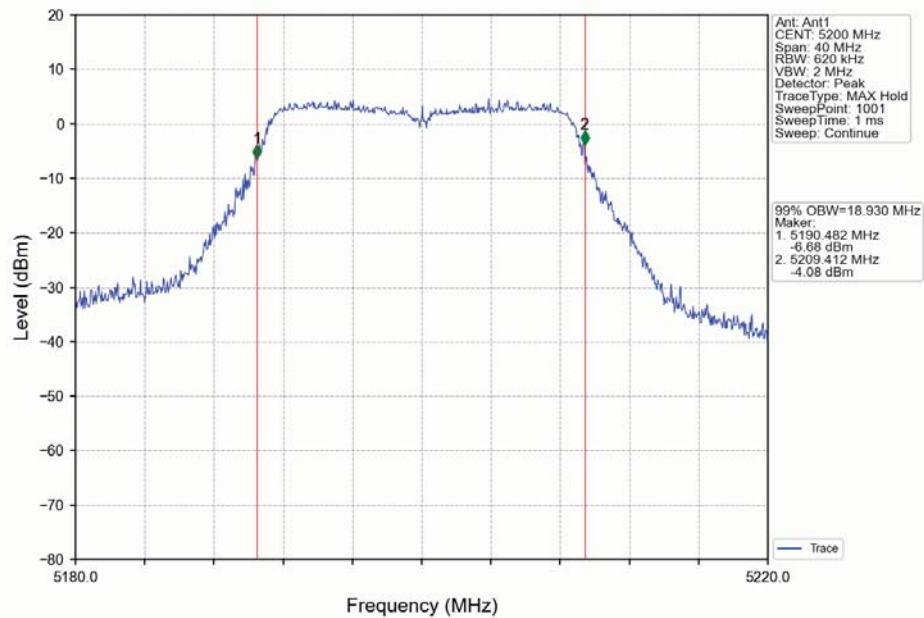




802.11n(HT20) LCH 5180MHz_Ant1_NTNV

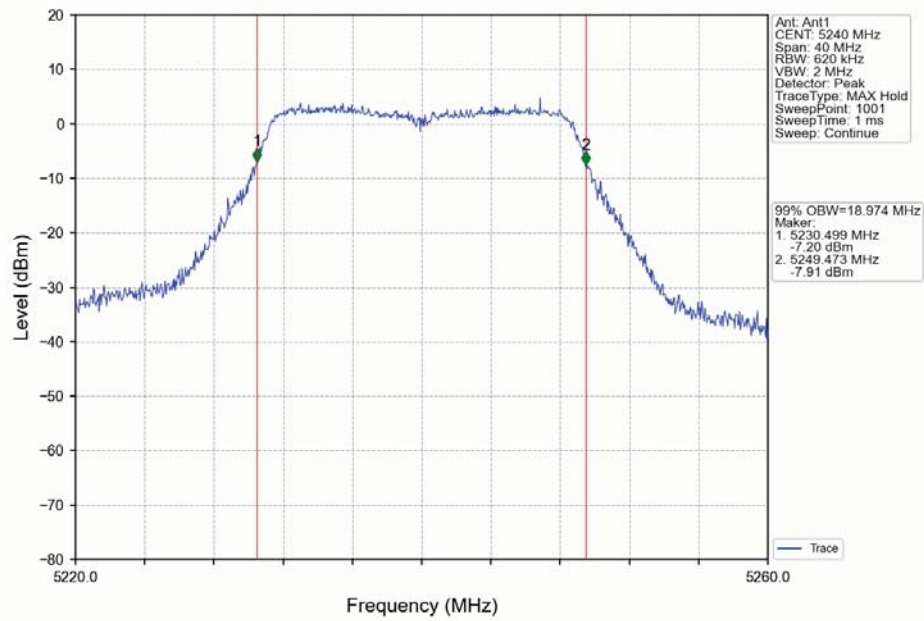


802.11n(HT20) MCH 5200MHz_Ant1_NTNV

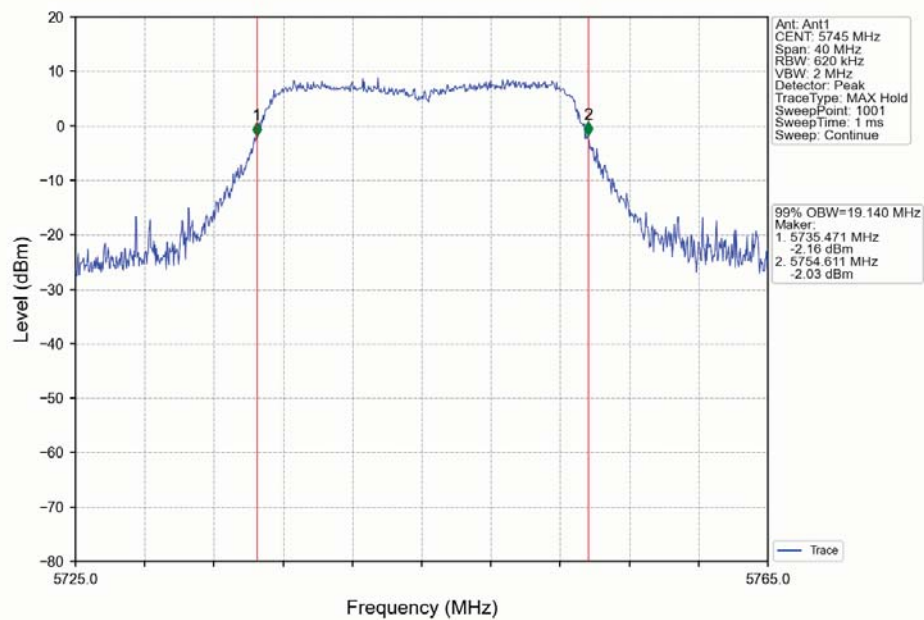




802.11n(HT20) HCH 5240MHz Ant1_NTNV

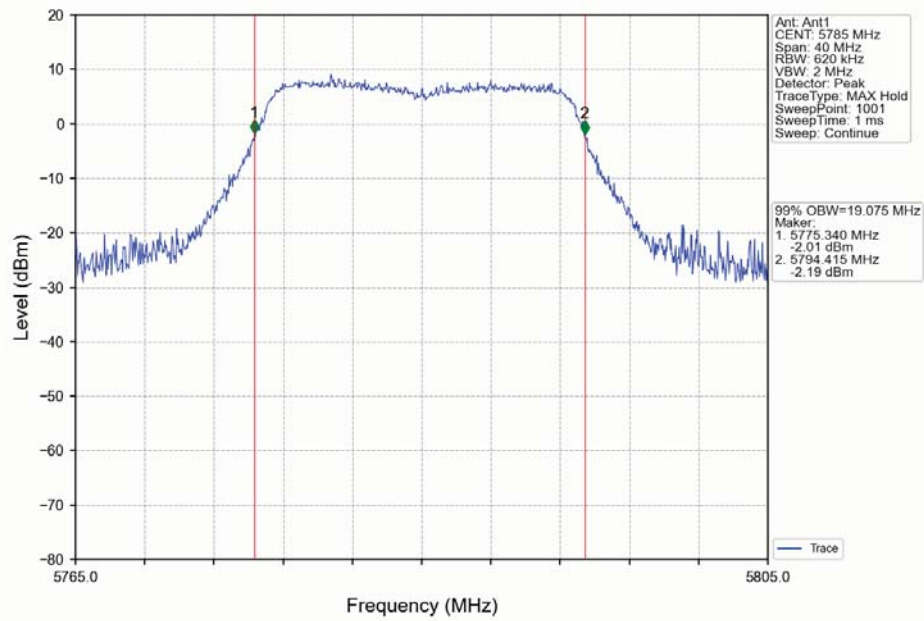


802.11n(HT20) LCH 5745MHz Ant1_NTNV

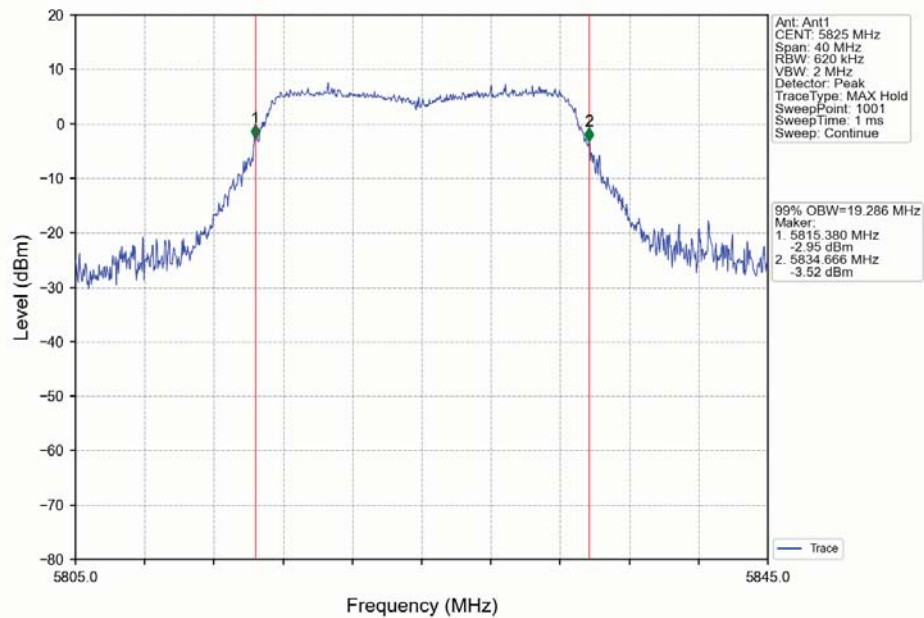




802.11n(HT20) MCH 5785MHz Ant1_NTNV

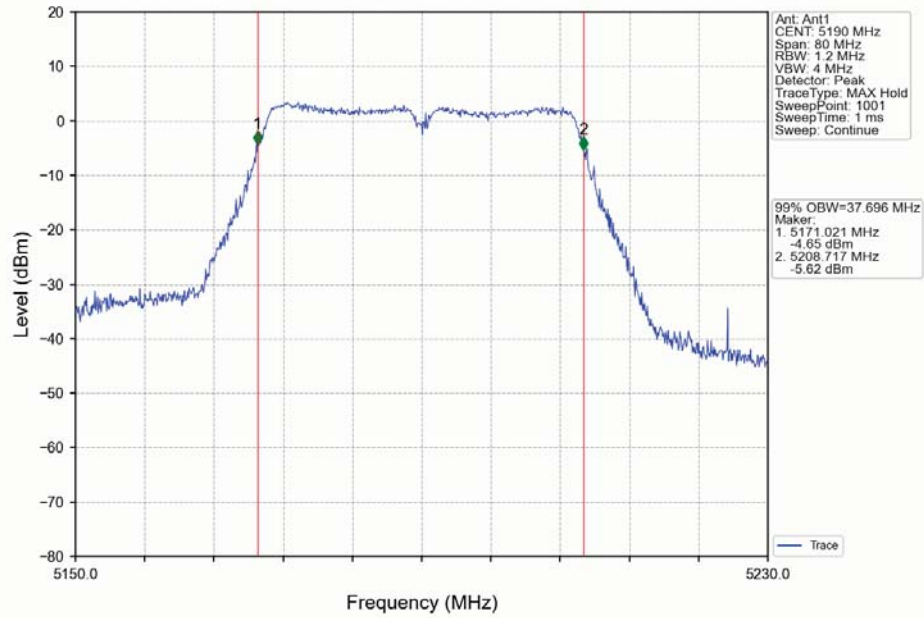


802.11n(HT20) HCH 5825MHz Ant1_NTNV

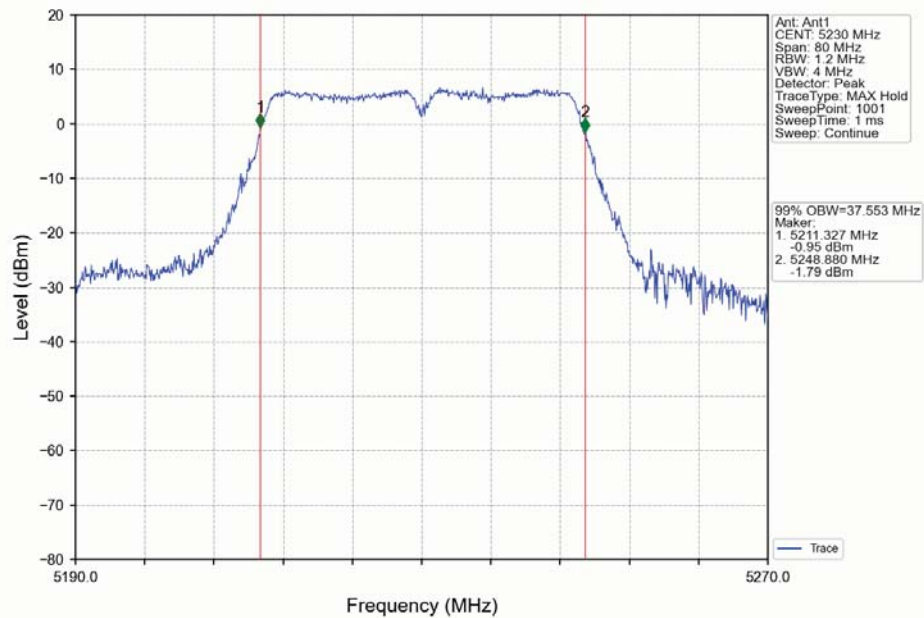




802.11n(HT40) LCH 5190MHz_Ant1_NTNV

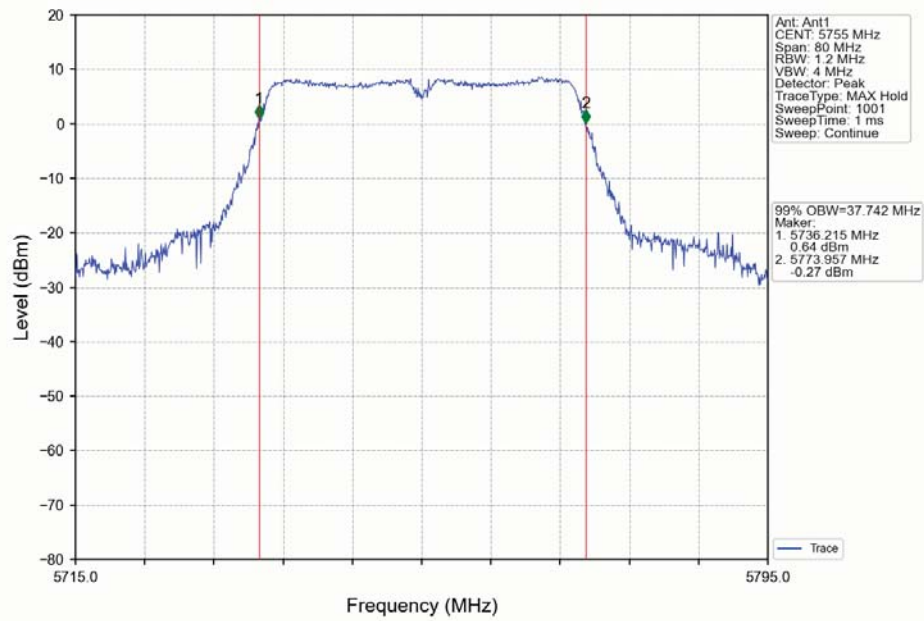


802.11n(HT40) HCH 5230MHz_Ant1_NTNV

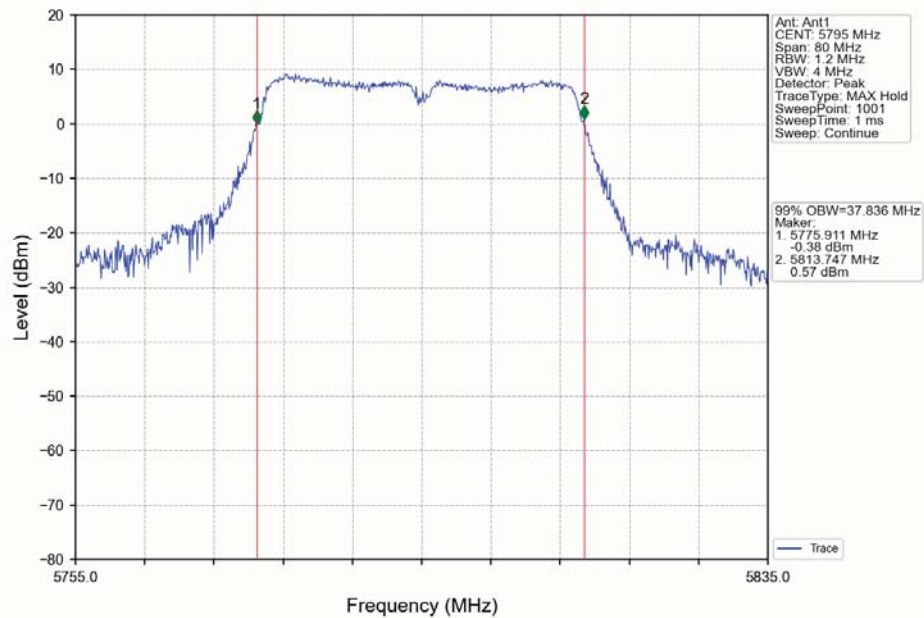




802.11n(HT40) LCH 5755MHz_Ant1_NTNV

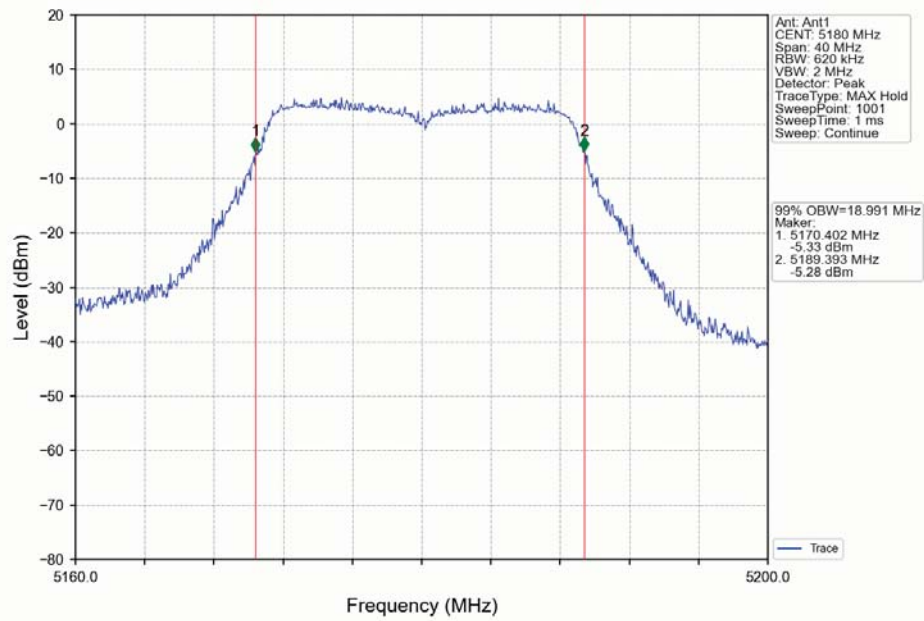


802.11n(HT40) HCH 5795MHz_Ant1_NTNV

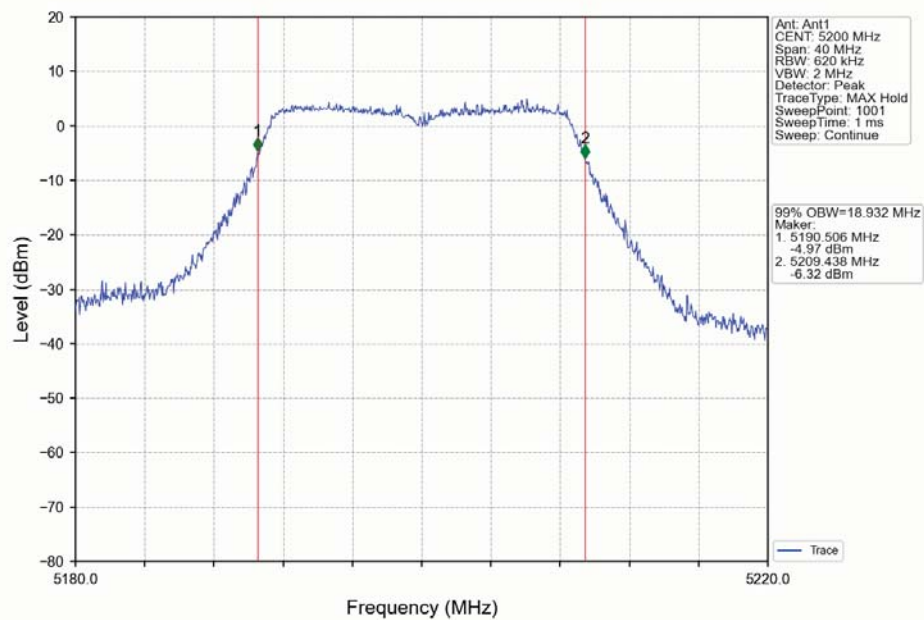




802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV

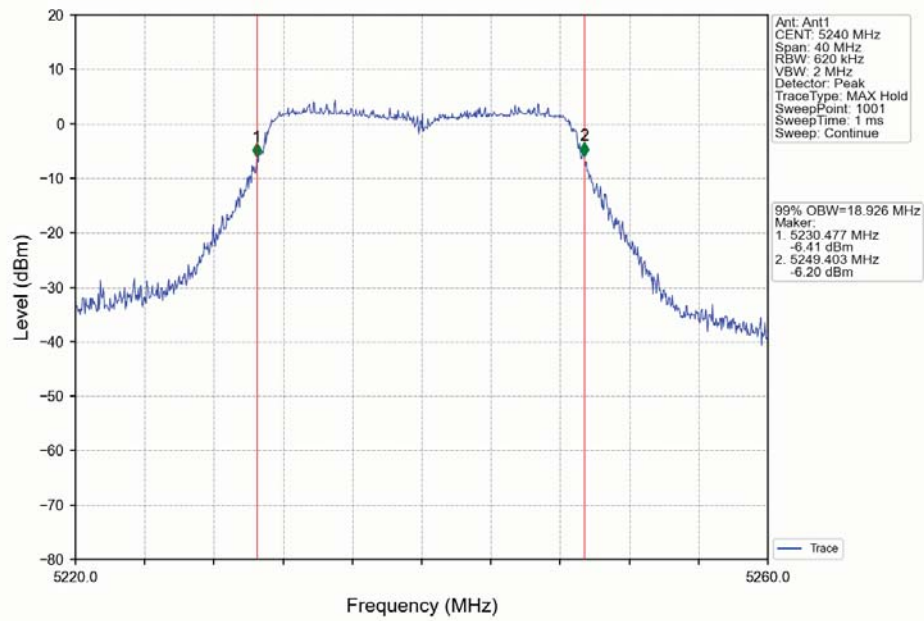


802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV

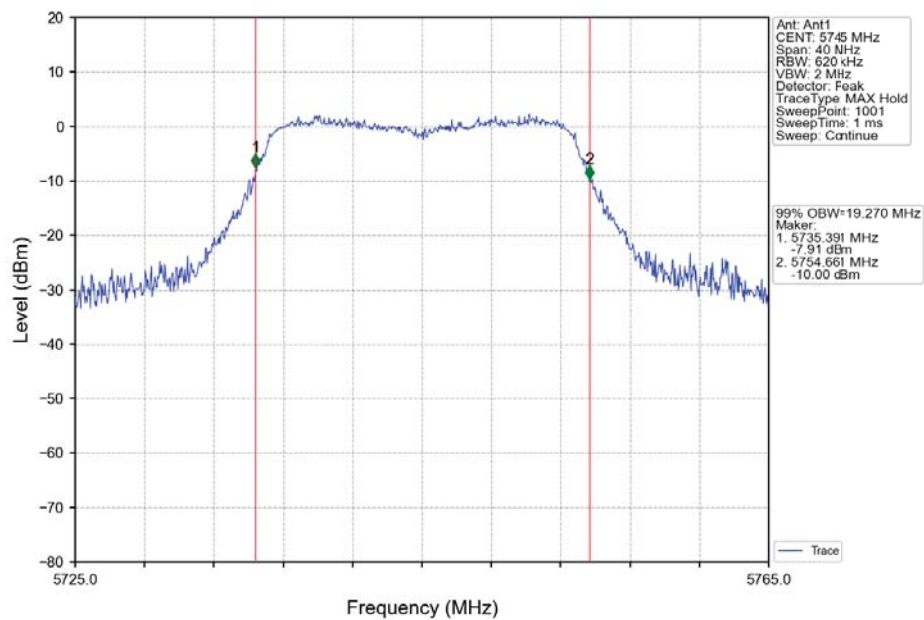




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

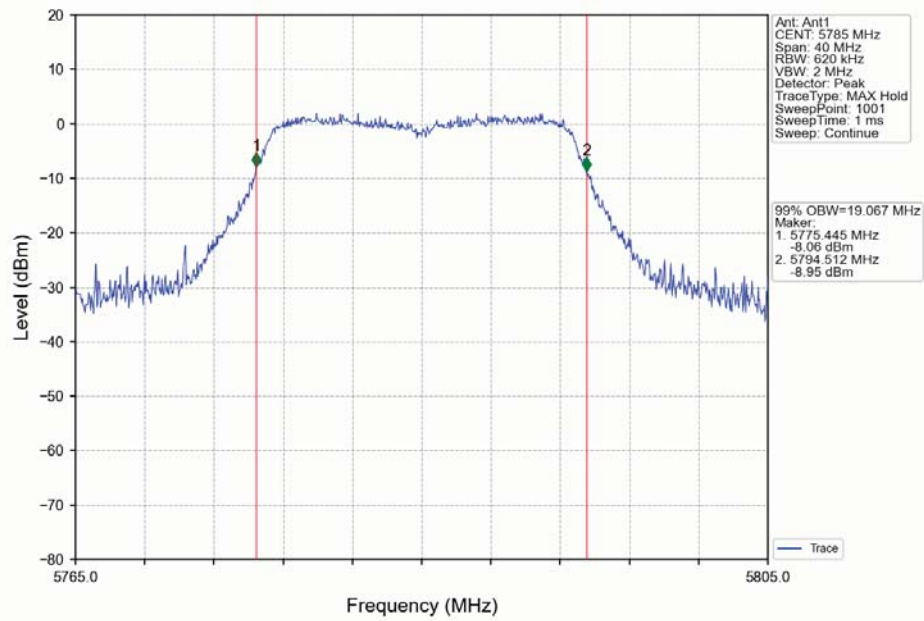


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

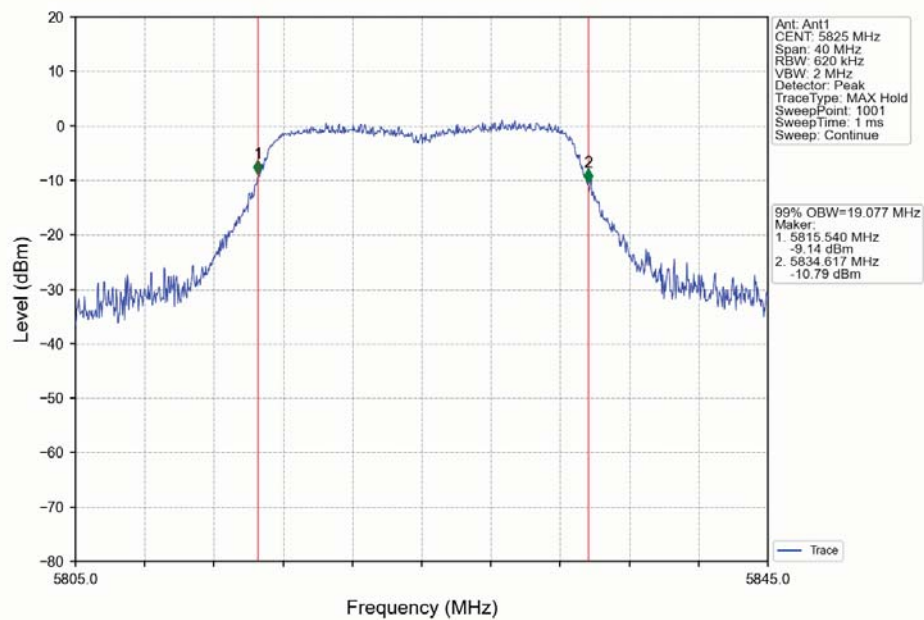




802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

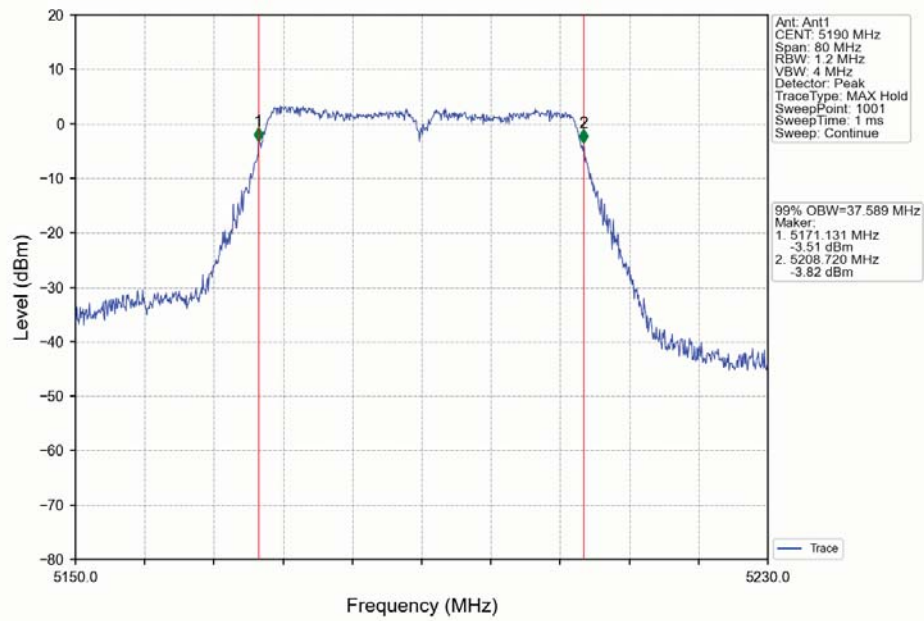


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

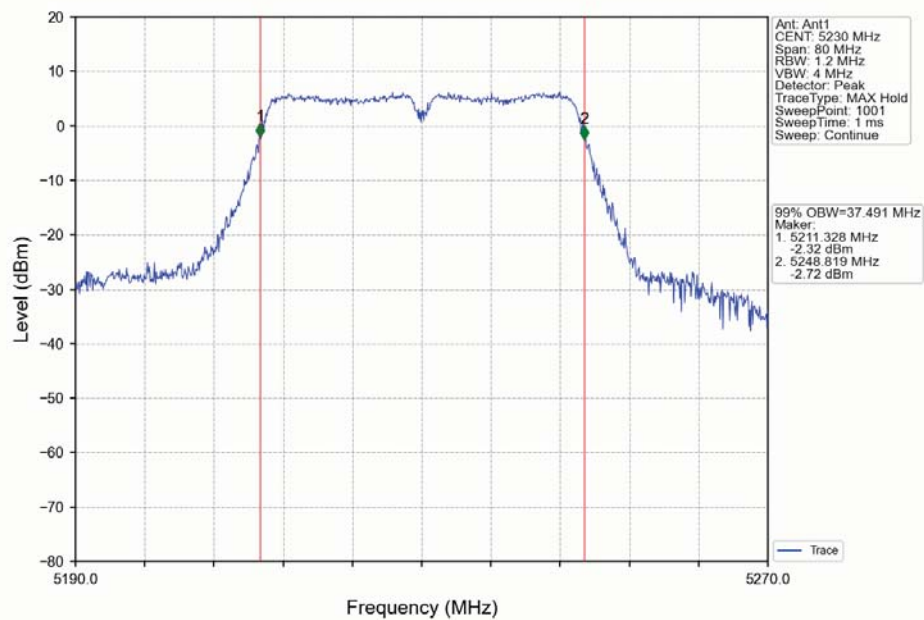




802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV

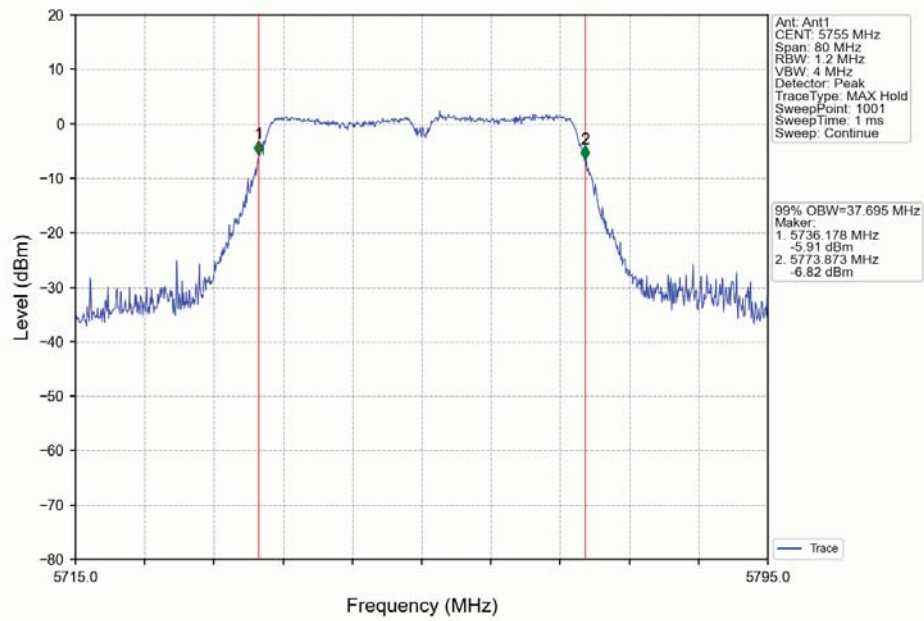


802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV

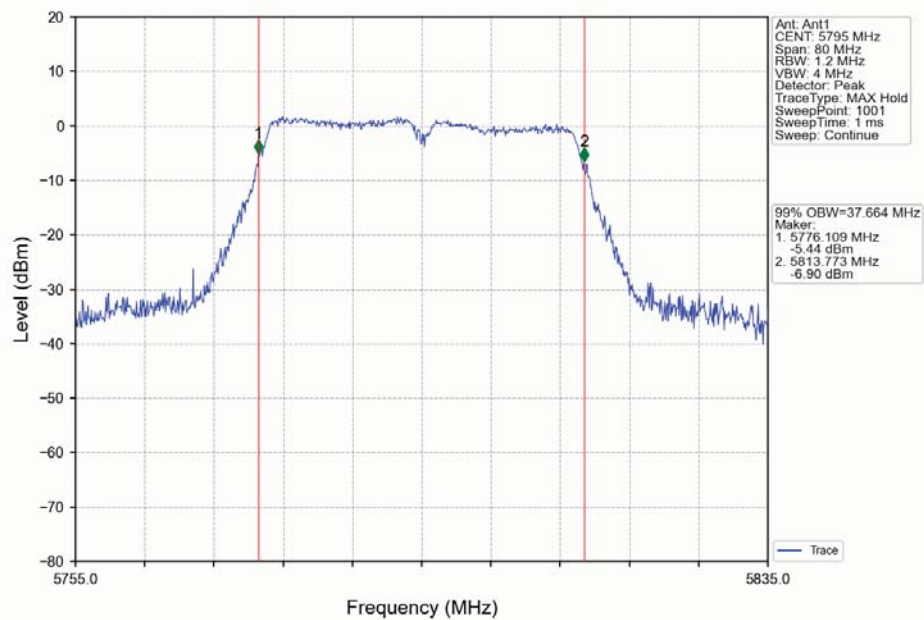




802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV

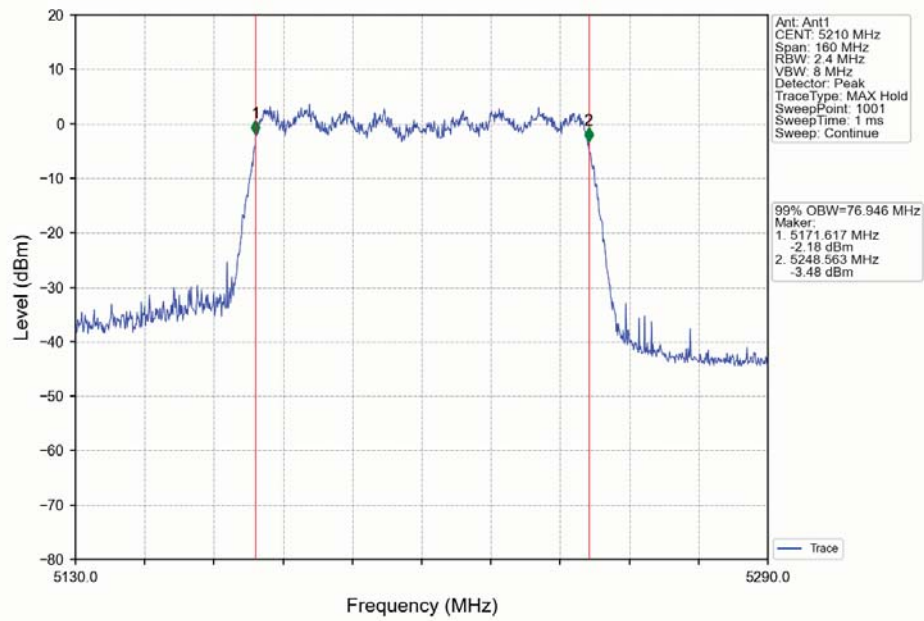


802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV

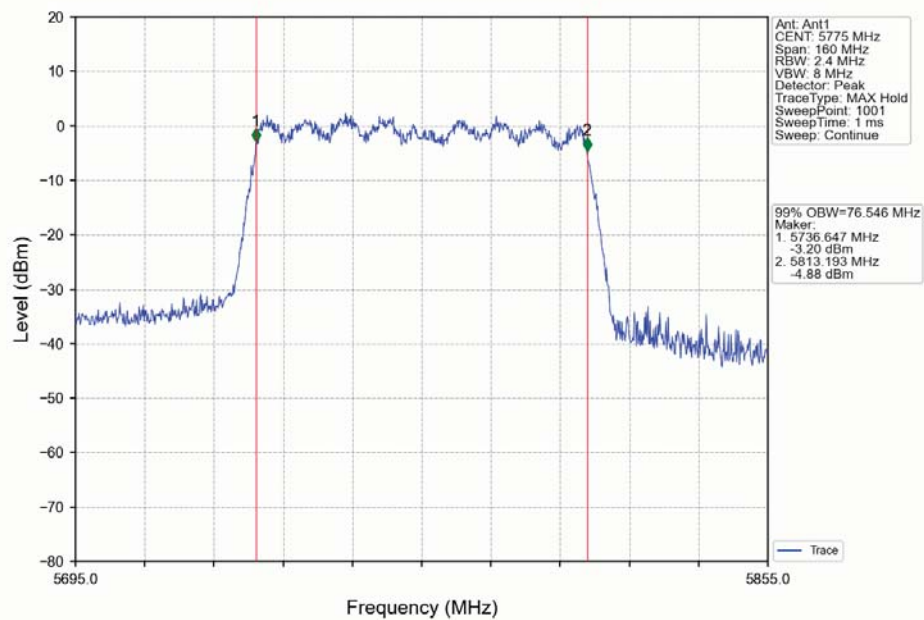




802.11ac(VHT80) MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV





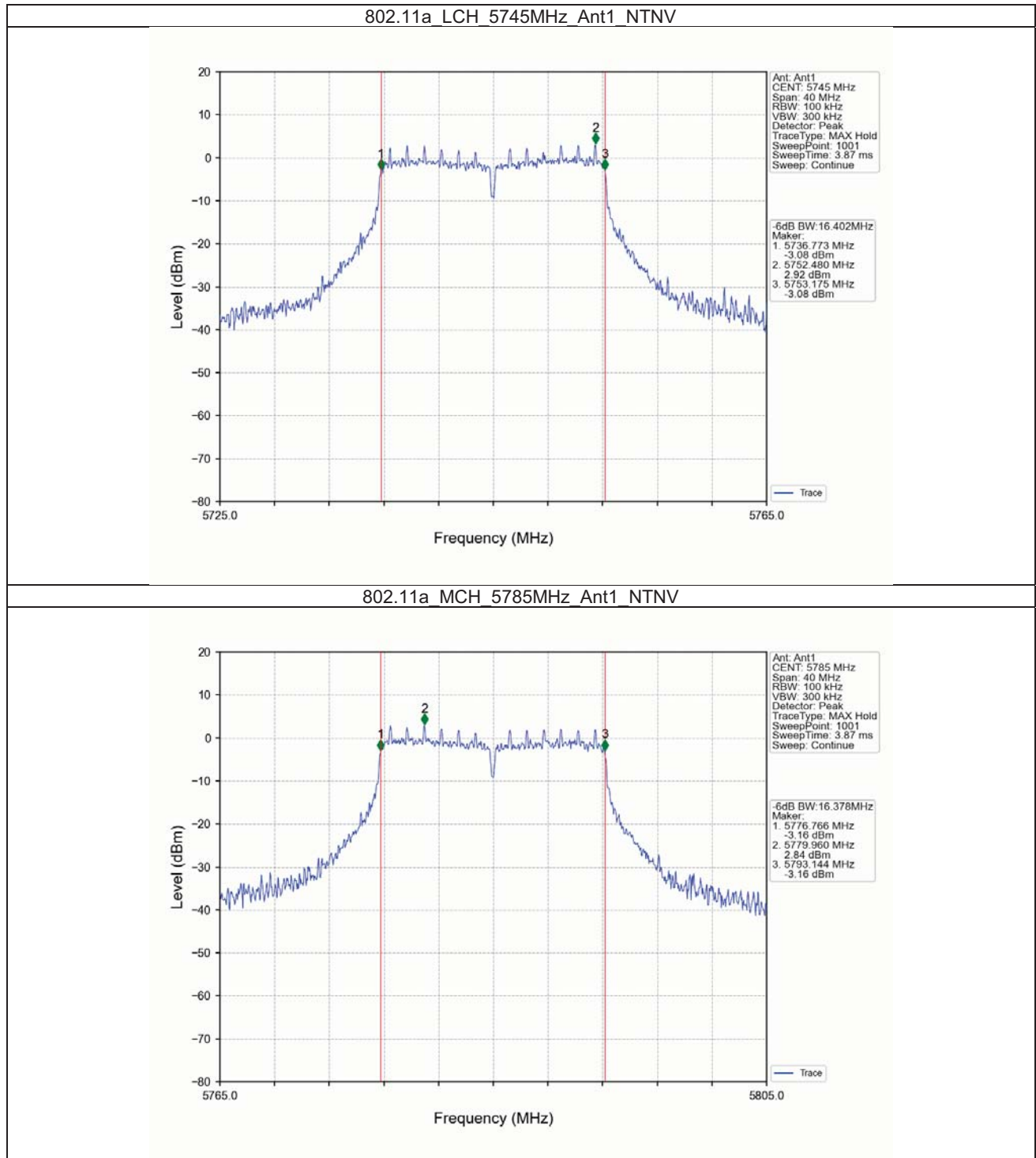
2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.402	≥ 0.5	Pass
		5785	1	16.378	≥ 0.5	Pass
		5825	1	16.393	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	17.601	≥ 0.5	Pass
		5785	1	17.321	≥ 0.5	Pass
		5825	1	17.587	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	36.347	≥ 0.5	Pass
		5795	1	35.896	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.592	≥ 0.5	Pass
		5785	1	17.606	≥ 0.5	Pass
		5825	1	17.576	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	36.091	≥ 0.5	Pass
		5795	1	35.802	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.199	≥ 0.5	Pass

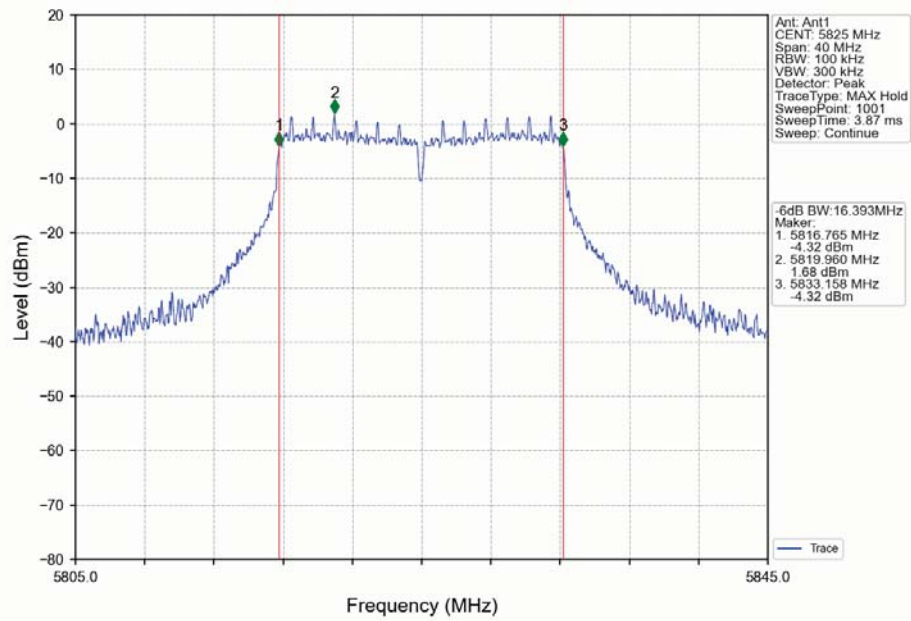


2.2.2 Test Graph

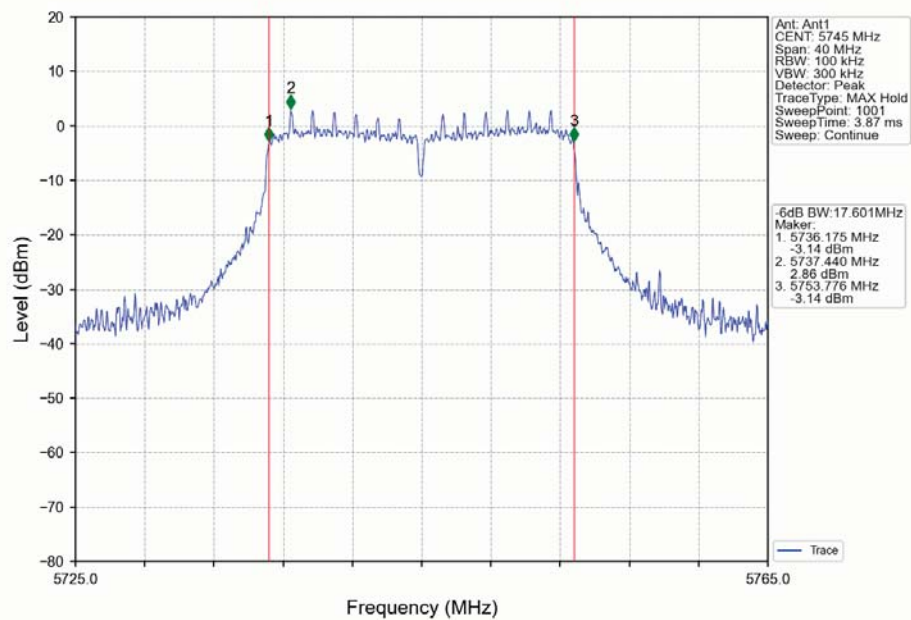




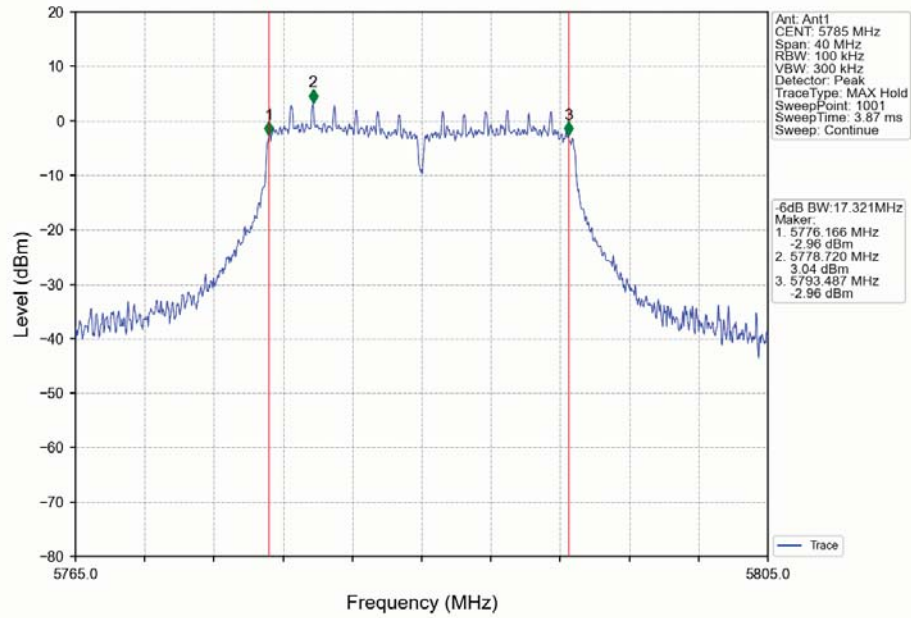
802.11a_HCH_5825MHz_Ant1_NTNV



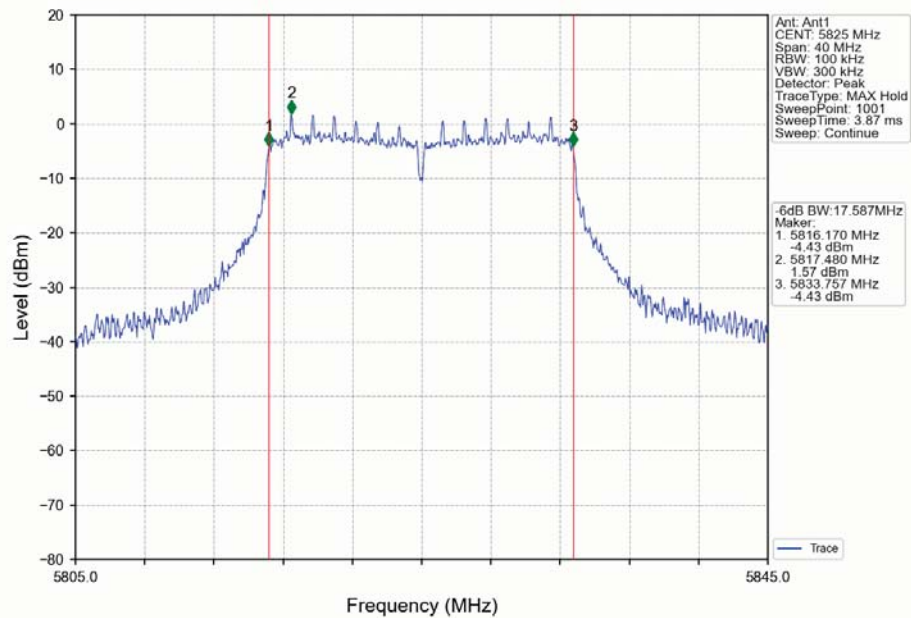
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20) MCH 5785MHz Ant1_NTNV

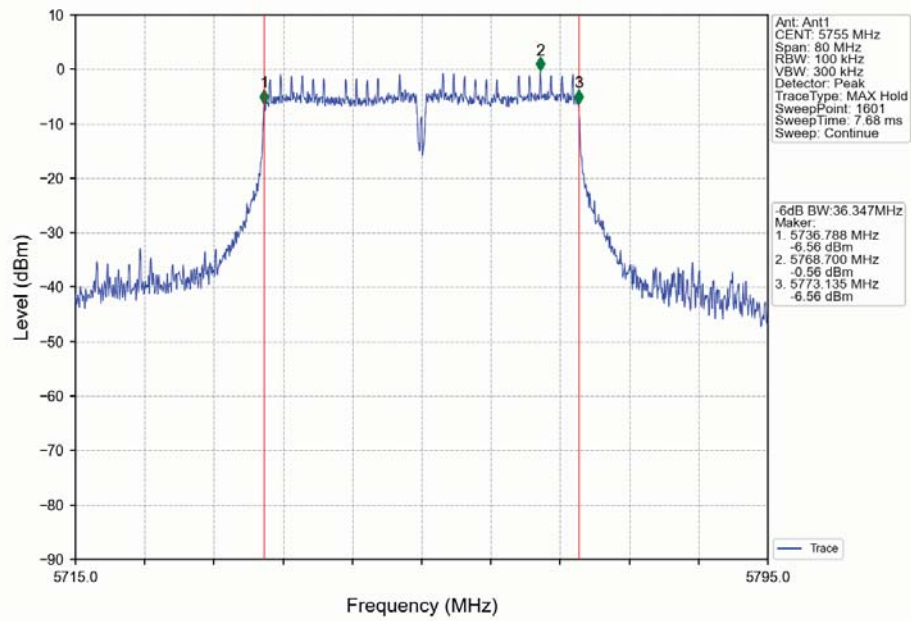


802.11n(HT20) HCH 5825MHz Ant1_NTNV

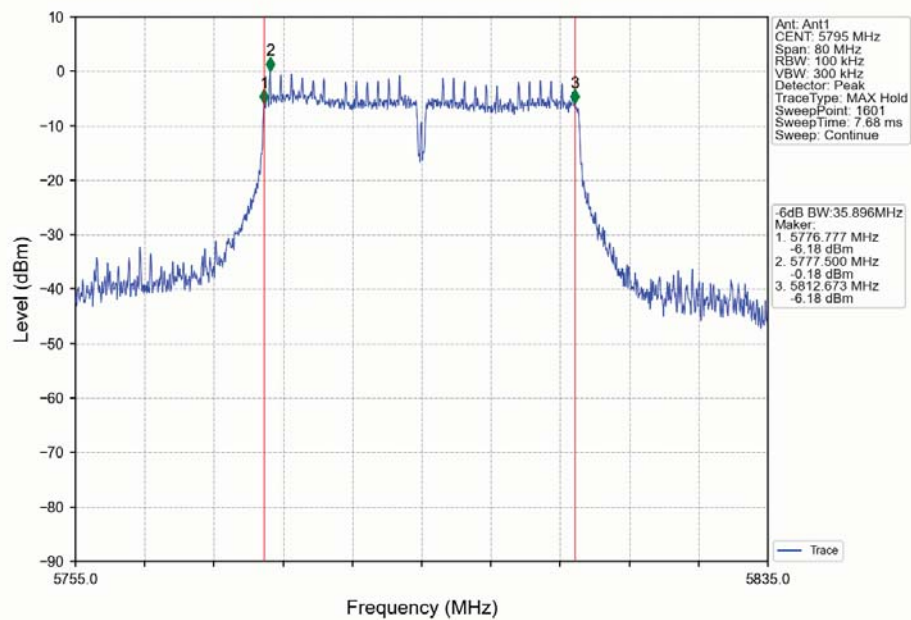




802.11n(HT40) LCH 5755MHz_Ant1_NTNV

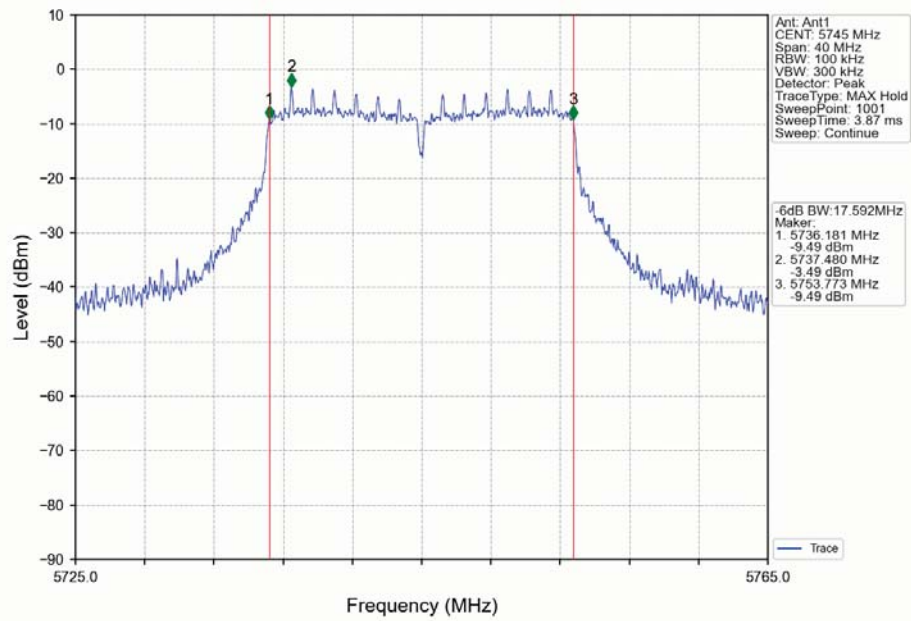


802.11n(HT40) HCH 5795MHz_Ant1_NTNV

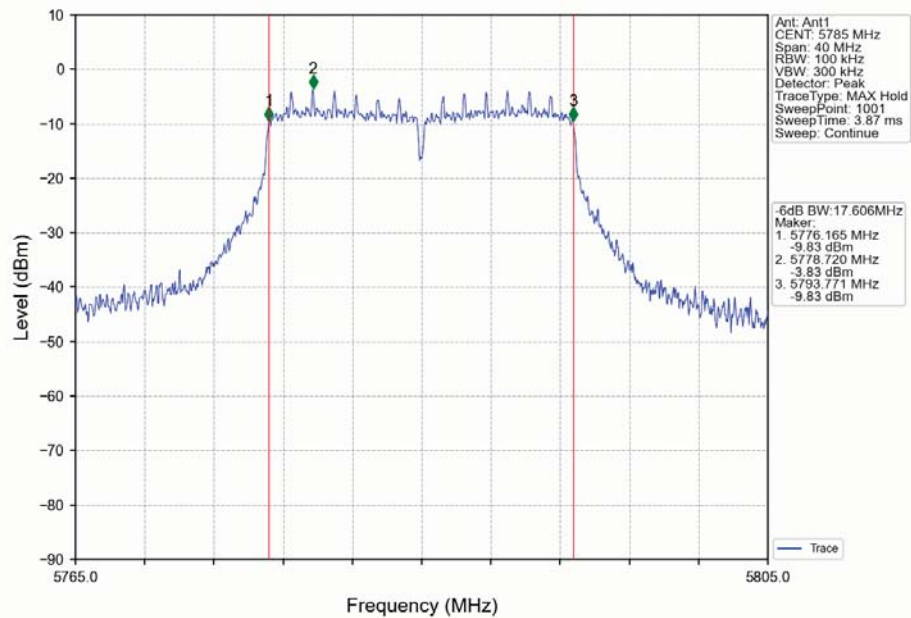




802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV

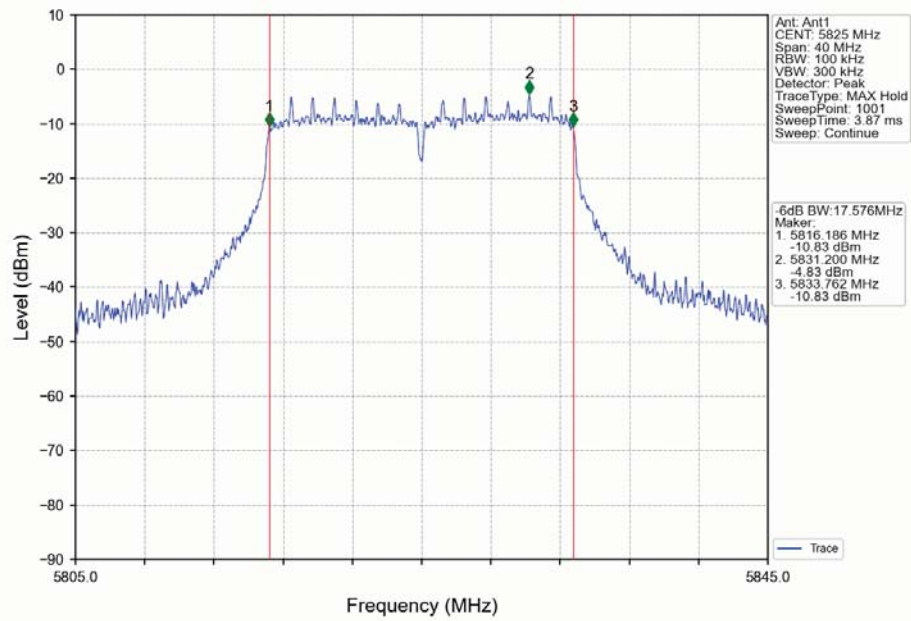


802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV

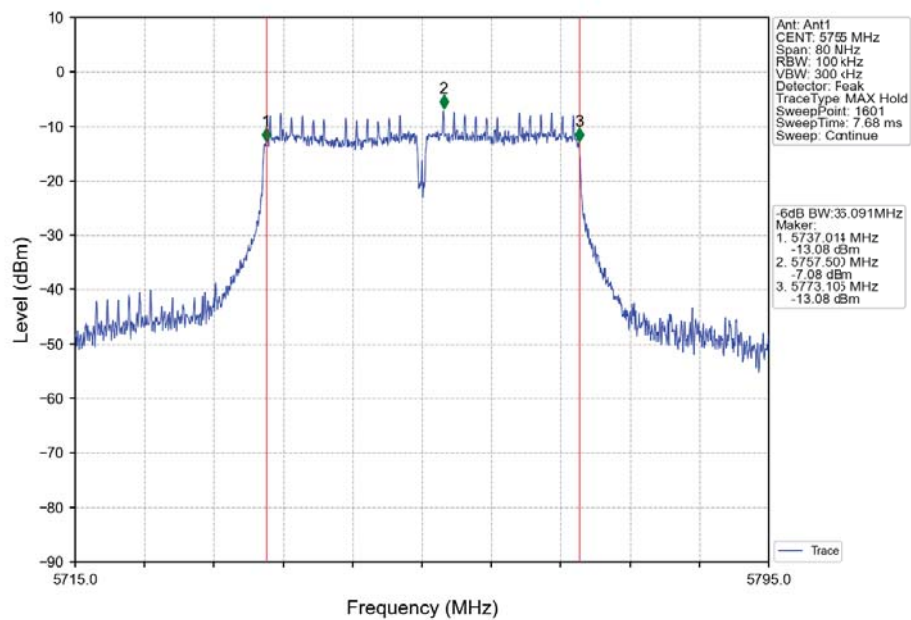




802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

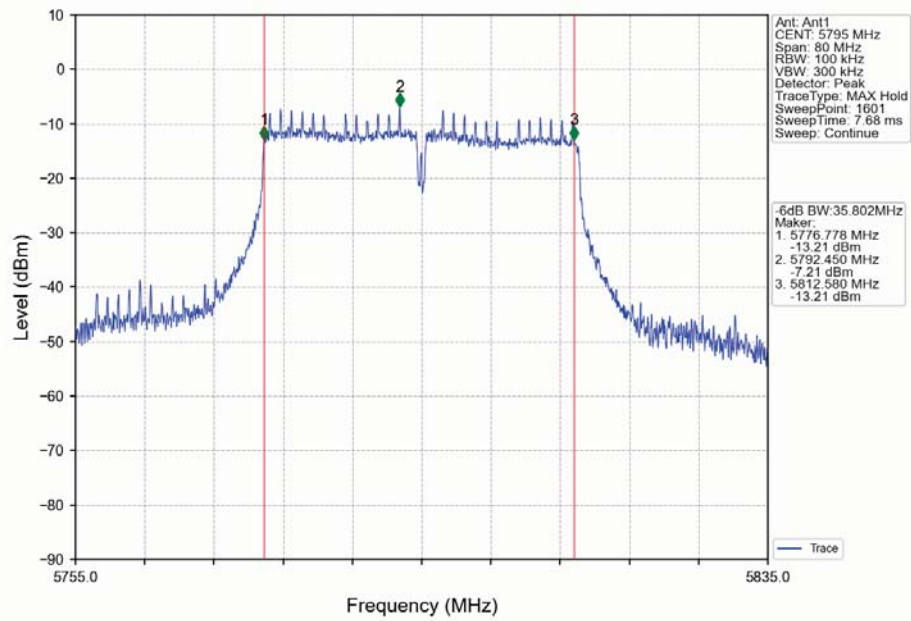


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

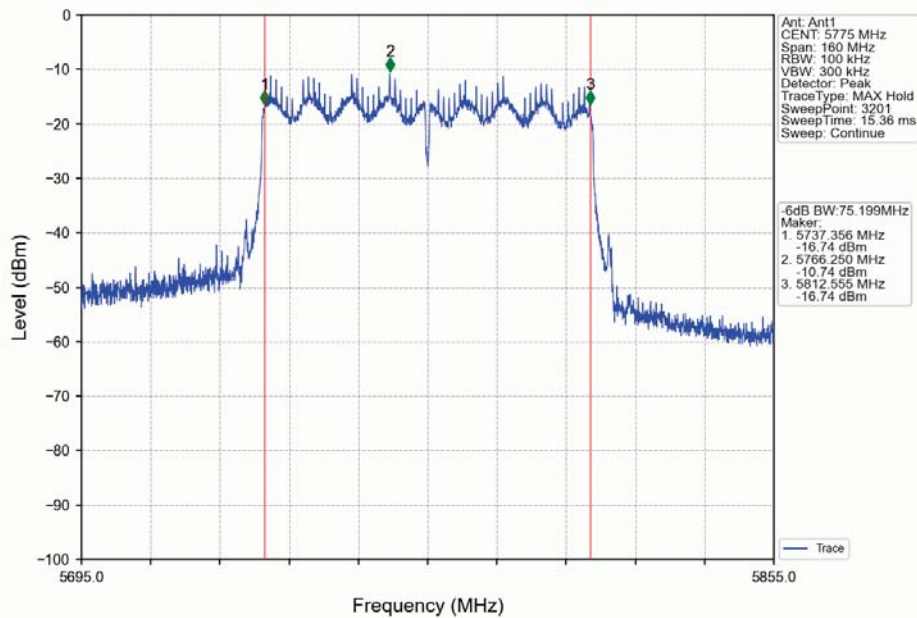




802.11ac(VHT40) HCH 5795MHz Ant1_NTNV



802.11ac(VHT80) MCH 5775MHz Ant1_NTNV





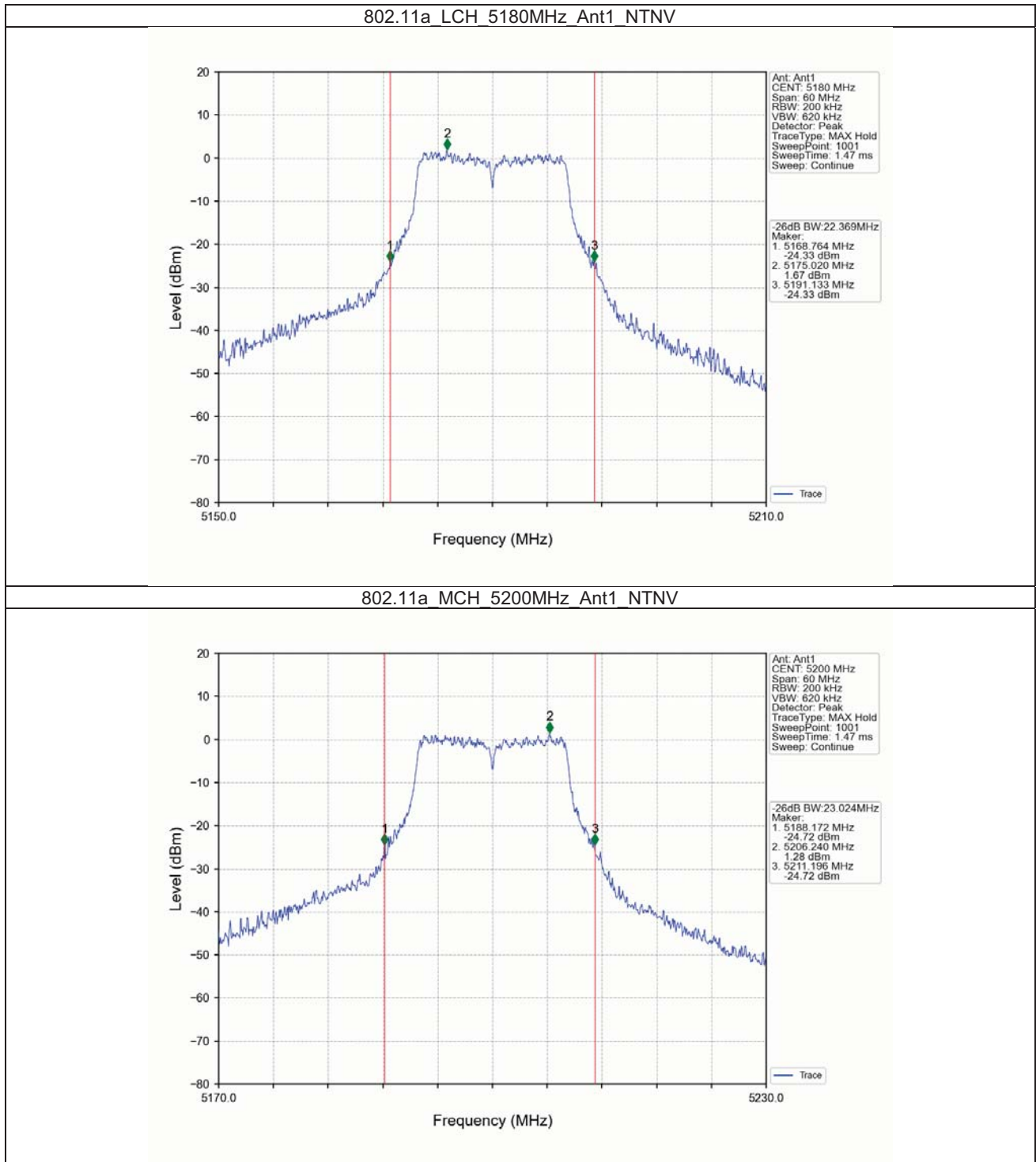
2.3 26dB BW

2.3.1 Test Result

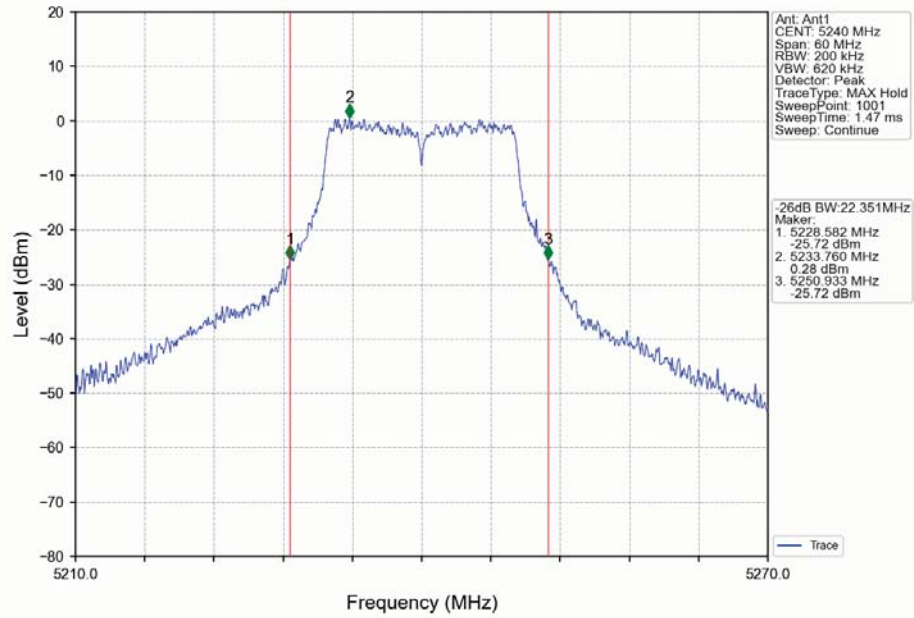
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	22.369	/	Pass
		5200	1	23.024	/	Pass
		5240	1	22.351	/	Pass
802.11n (HT20)	SISO	5180	1	22.623	/	Pass
		5200	1	22.932	/	Pass
		5240	1	22.343	/	Pass
802.11n (HT40)	SISO	5190	1	43.929	/	Pass
		5230	1	44.462	/	Pass
802.11ac (VHT20)	SISO	5180	1	22.481	/	Pass
		5200	1	22.819	/	Pass
		5240	1	22.837	/	Pass
802.11ac (VHT40)	SISO	5190	1	43.711	/	Pass
		5230	1	44.048	/	Pass
802.11ac (VHT80)	SISO	5210	1	83.407	/	Pass



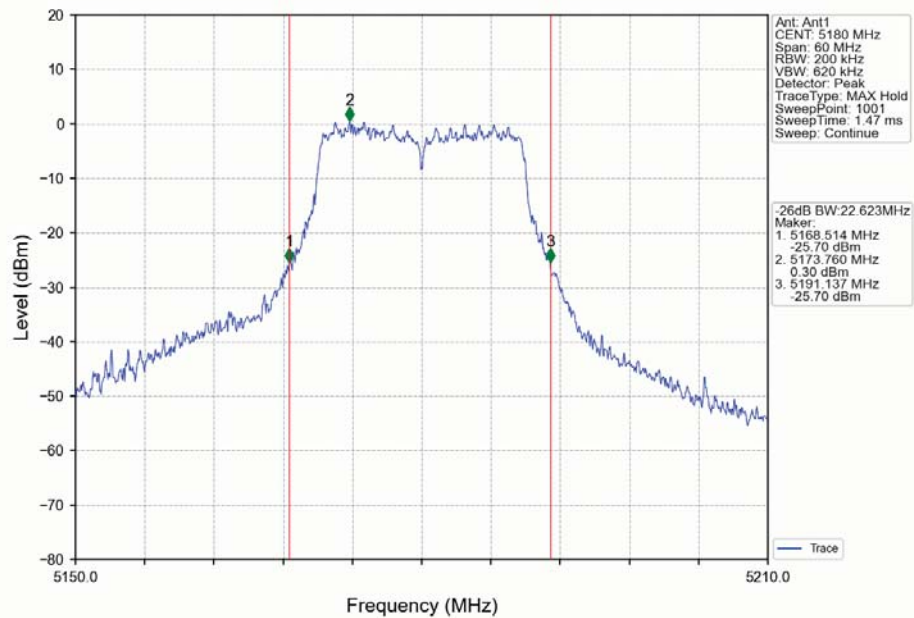
2.3.2 Test Graph



802.11a_HCH_5240MHz_Ant1_NTNV

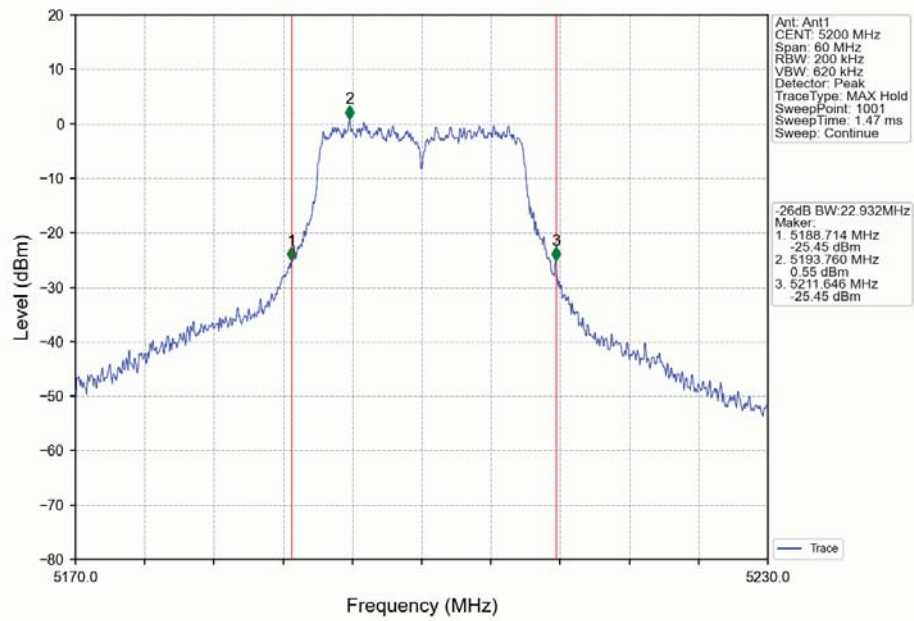


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

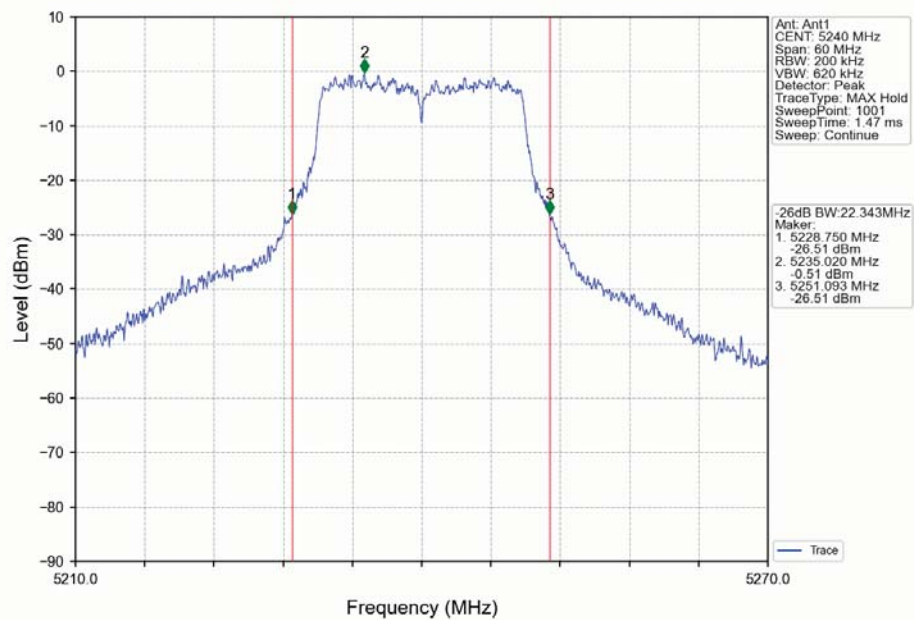




802.11n(HT20) MCH 5200MHz Ant1_NTNV

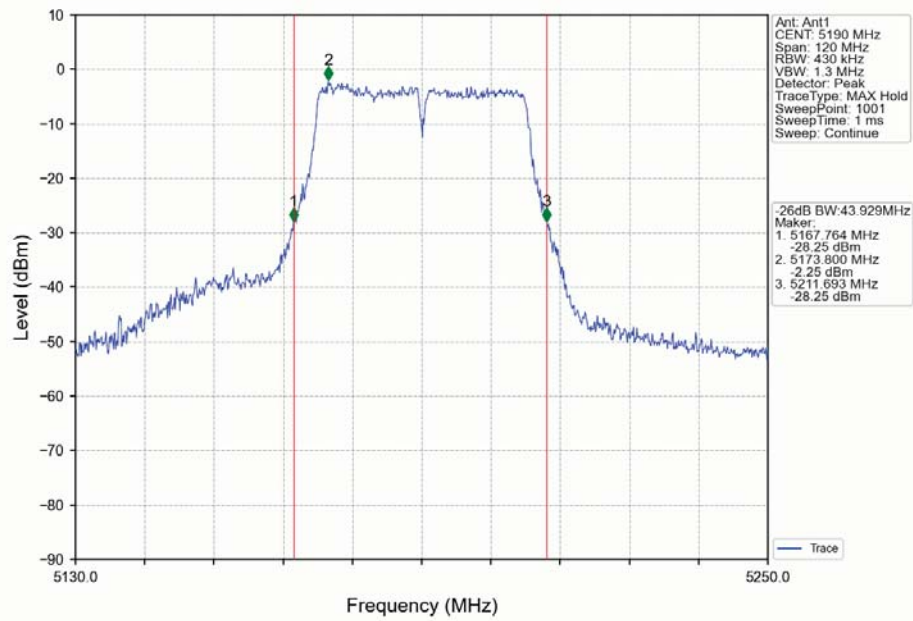


802.11n(HT20) HCH 5240MHz Ant1_NTNV

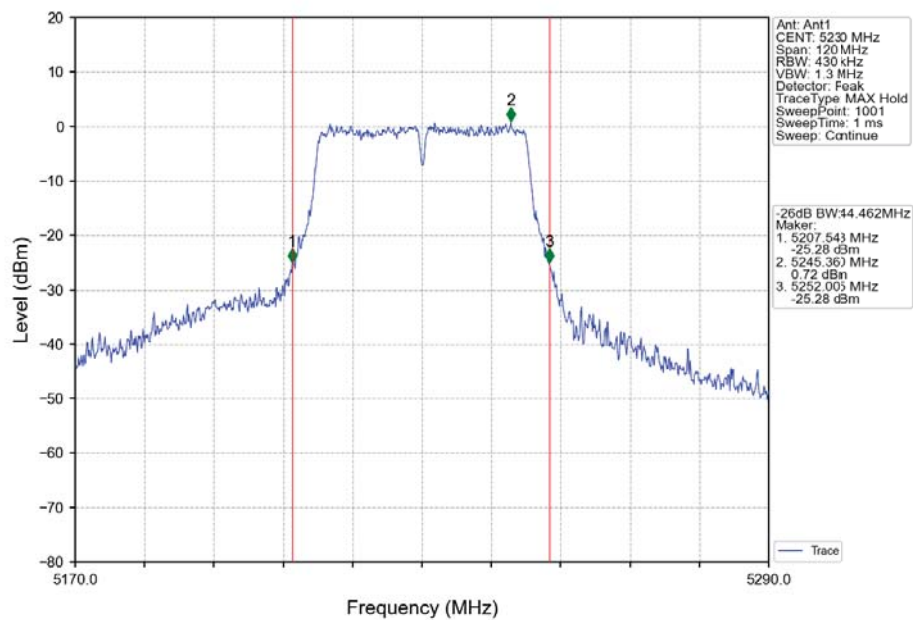




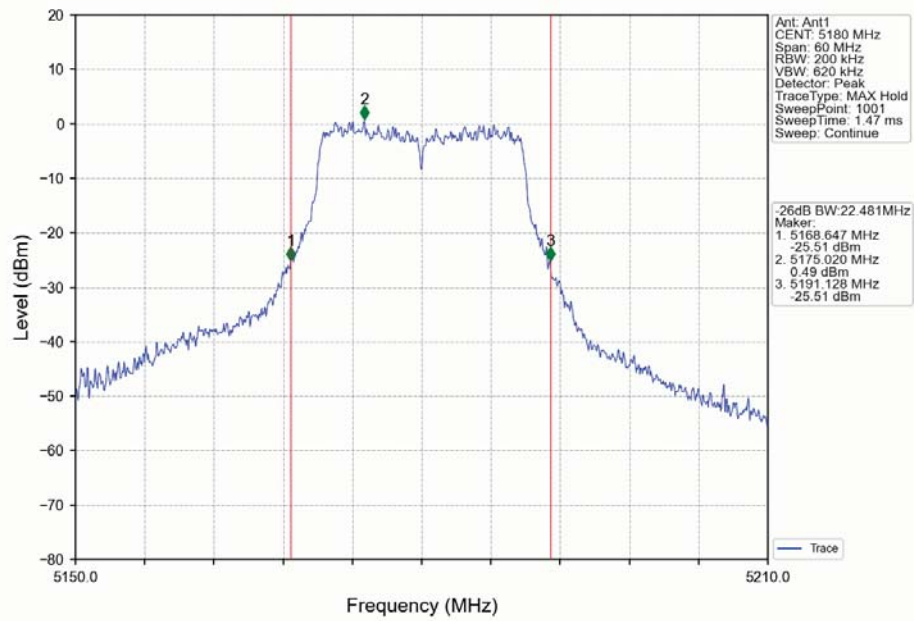
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



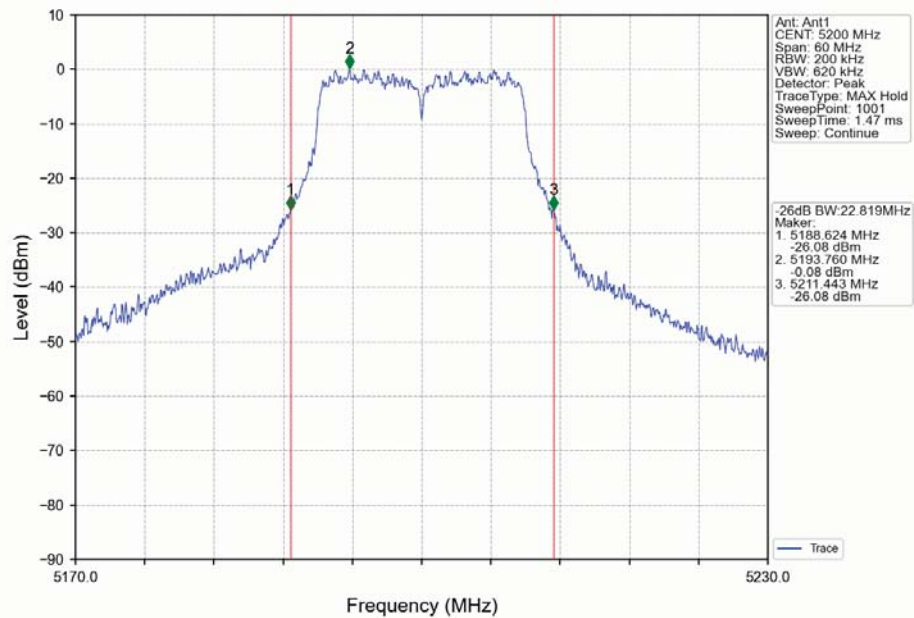
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV

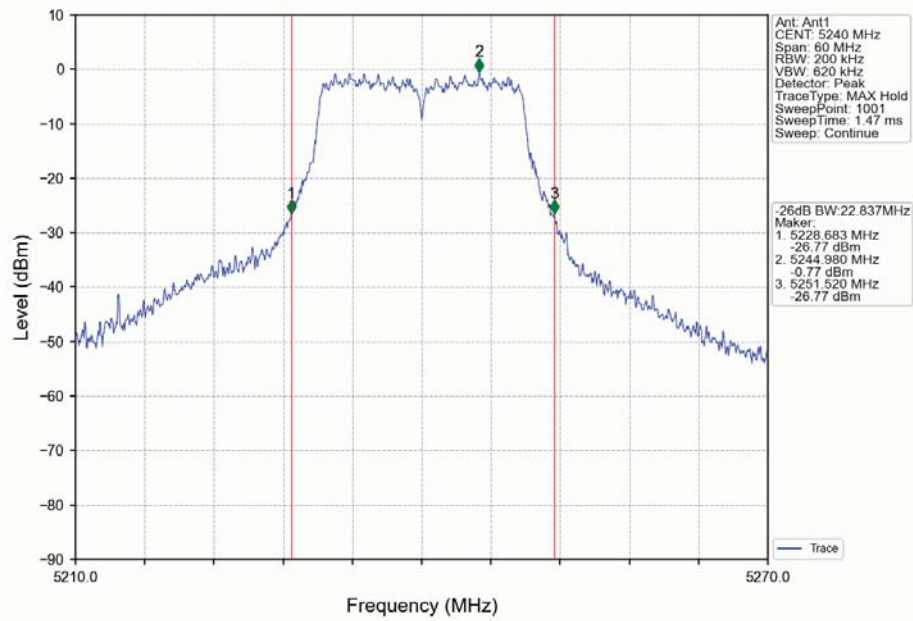


802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV

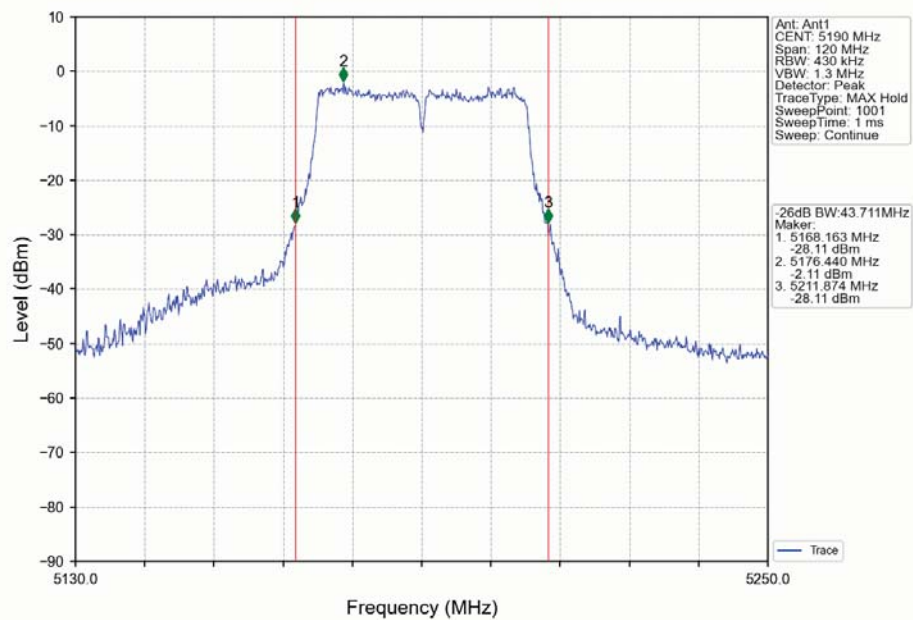




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

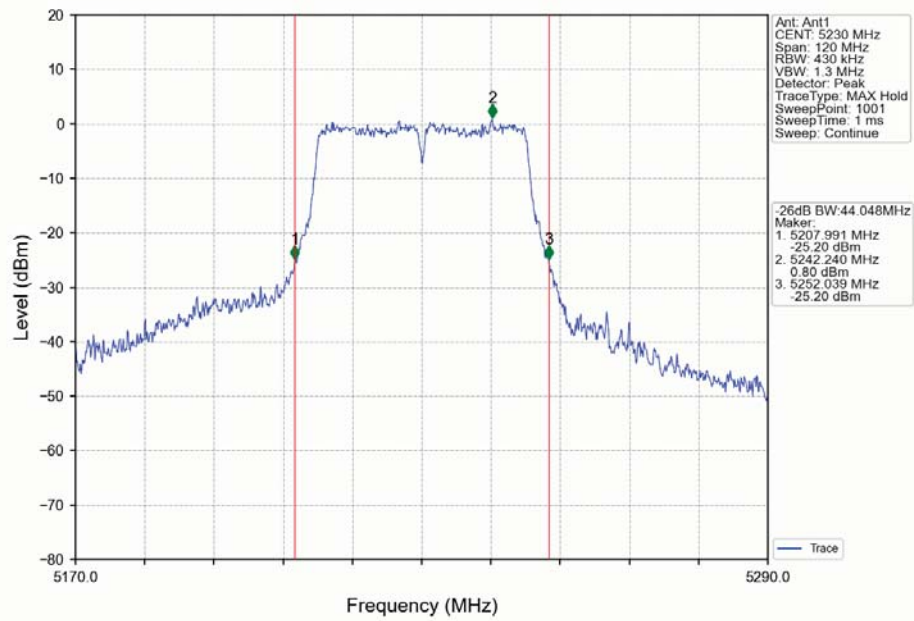


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

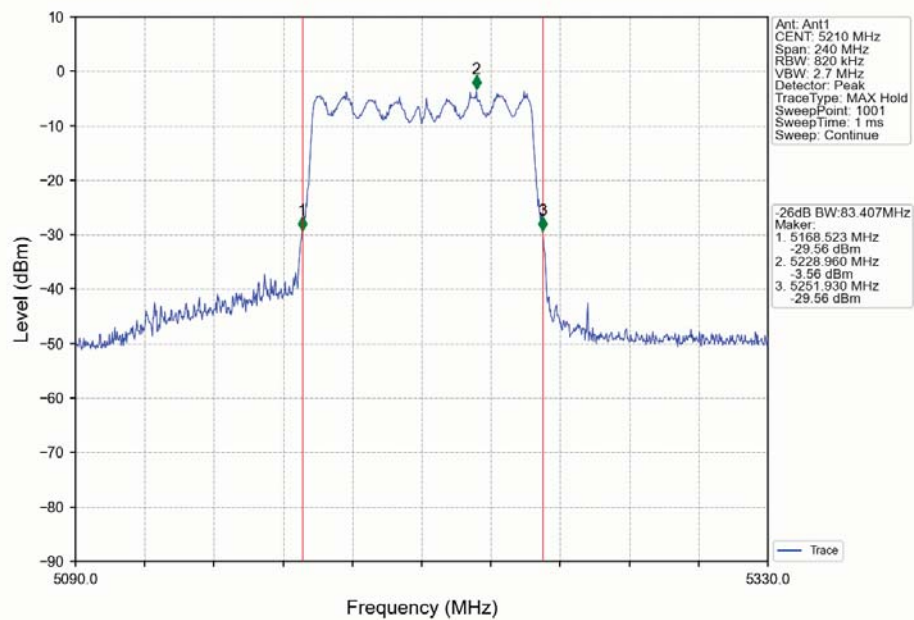




802.11ac(VHT40) HCH 5230MHz Ant1_NTNV



802.11ac(VHT80) MCH 5210MHz Ant1_NTNV





3. Maximum Conducted Output Power

3.1 Power

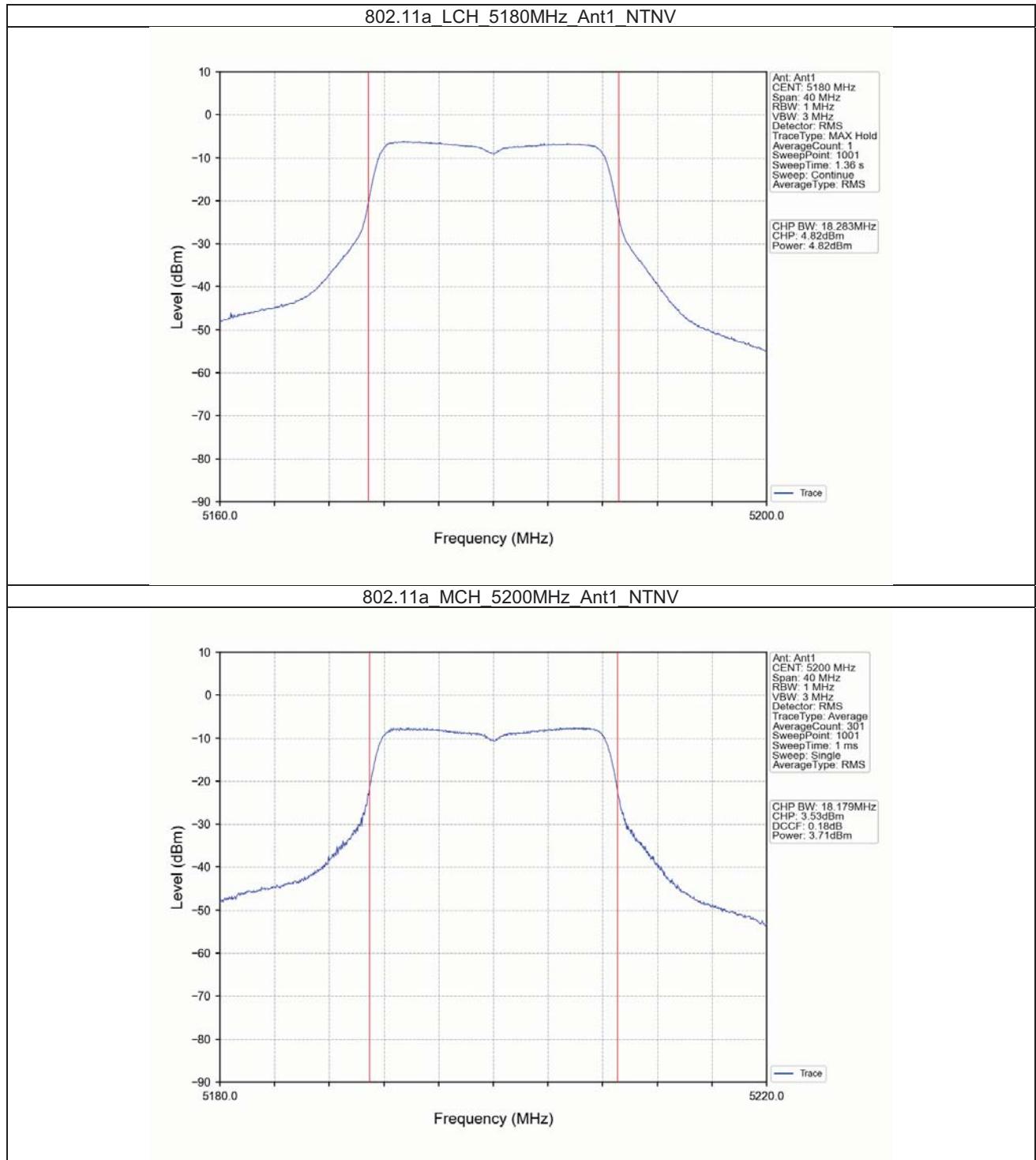
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	4.82	≤ 23.98	Pass
		5200	3.71	≤ 23.98	Pass
		5240	3.71	≤ 23.98	Pass
		5745	6.79	≤ 30	Pass
		5785	7.36	≤ 30	Pass
		5825	6.00	≤ 30	Pass
802.11n (HT20)	SISO	5180	3.84	≤ 23.98	Pass
		5200	3.28	≤ 23.98	Pass
		5240	2.79	≤ 23.98	Pass
		5745	12.24	≤ 30	Pass
		5785	6.86	≤ 30	Pass
		5825	5.91	≤ 30	Pass
802.11n (HT40)	SISO	5190	1.66	≤ 23.98	Pass
		5230	4.94	≤ 23.98	Pass
		5755	6.47	≤ 30	Pass
		5795	6.11	≤ 30	Pass
802.11ac (VHT20)	SISO	5180	3.96	≤ 23.98	Pass
		5200	3.52	≤ 23.98	Pass
		5240	2.83	≤ 23.98	Pass
		5745	6.83	≤ 30	Pass
		5785	7.00	≤ 30	Pass
		5825	6.01	≤ 30	Pass
802.11ac (VHT40)	SISO	5190	1.60	≤ 23.98	Pass
		5230	4.71	≤ 23.98	Pass
		5755	6.54	≤ 30	Pass
		5795	6.05	≤ 30	Pass
802.11ac (VHT80)	SISO	5210	-0.77	≤ 23.98	Pass
		5775	4.35	≤ 30	Pass

Note1: Antenna Gain: Ant1: 1.93dBi;

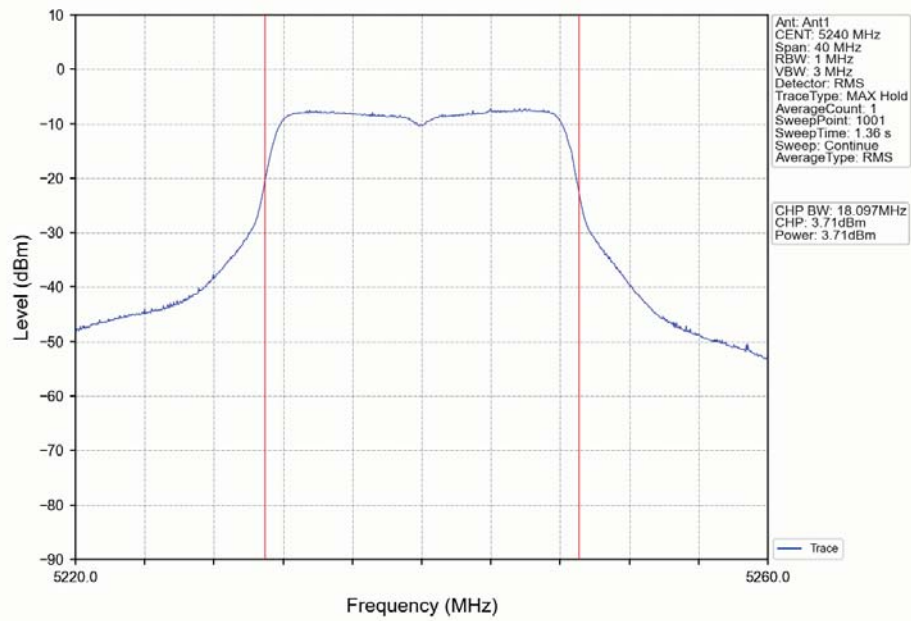


3.1.2 Test Graph

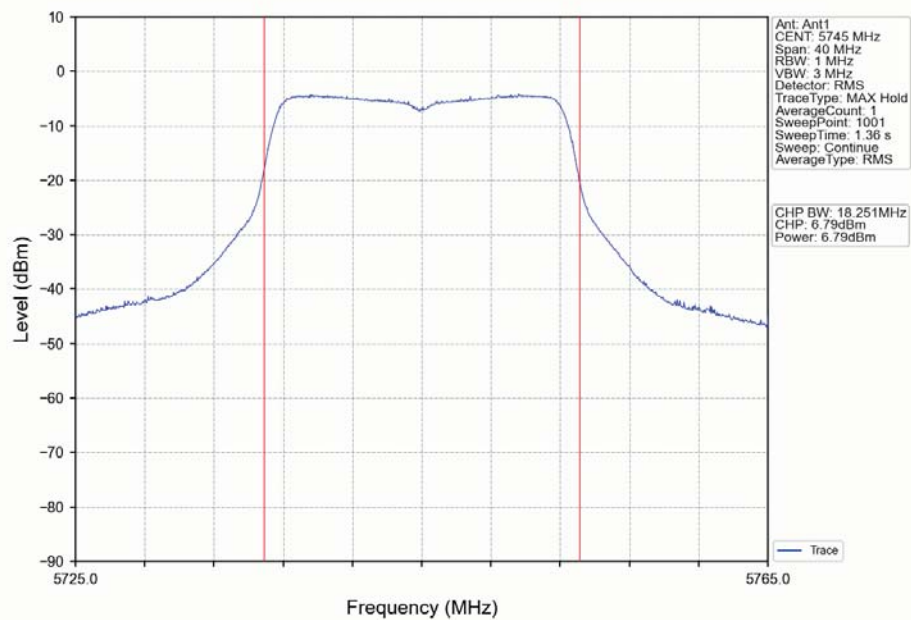




802.11a_HCH_5240MHz_Ant1_NTNV

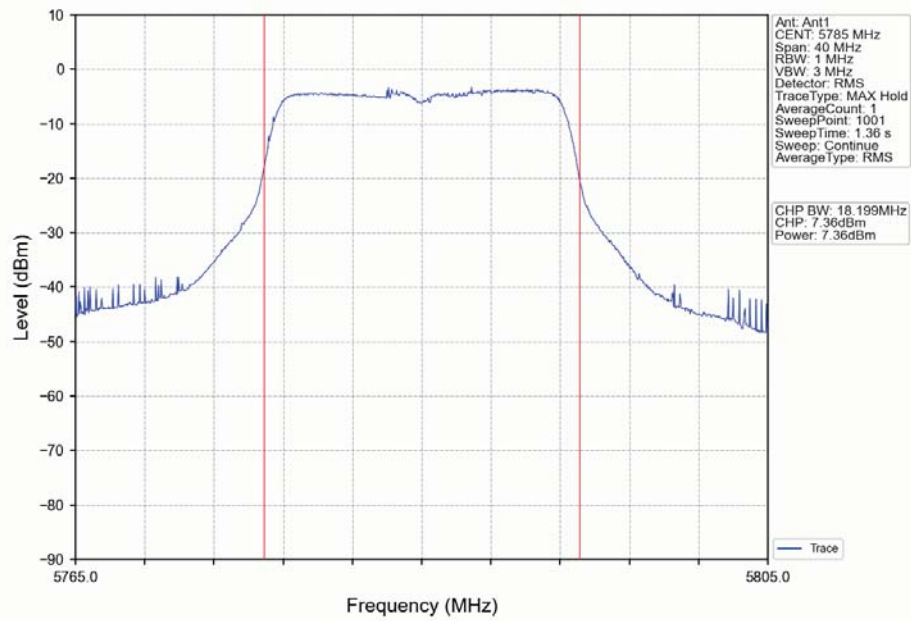


802.11a_LCH_5745MHz_Ant1_NTNV

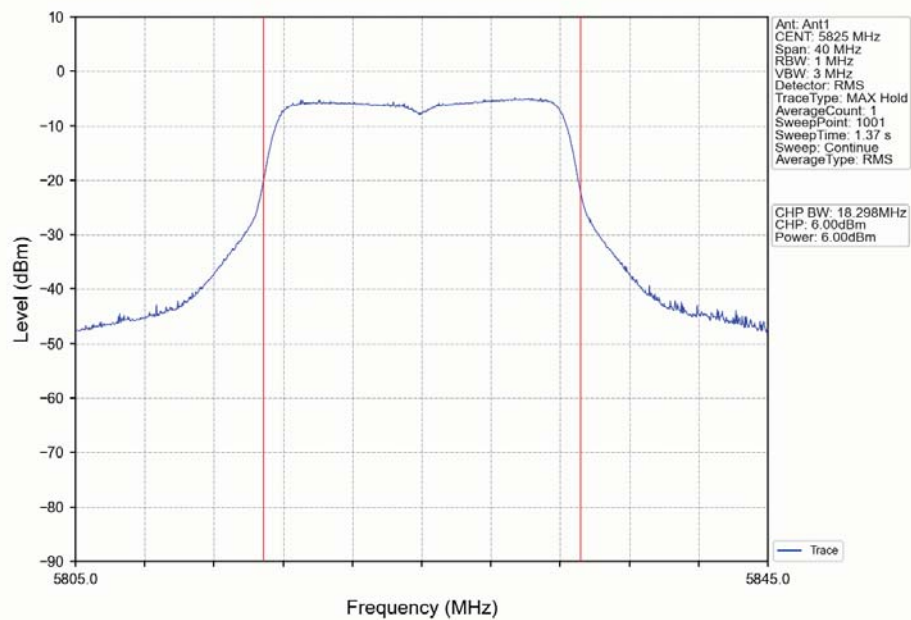




802.11a_MCH_5785MHz_Ant1_NTNV

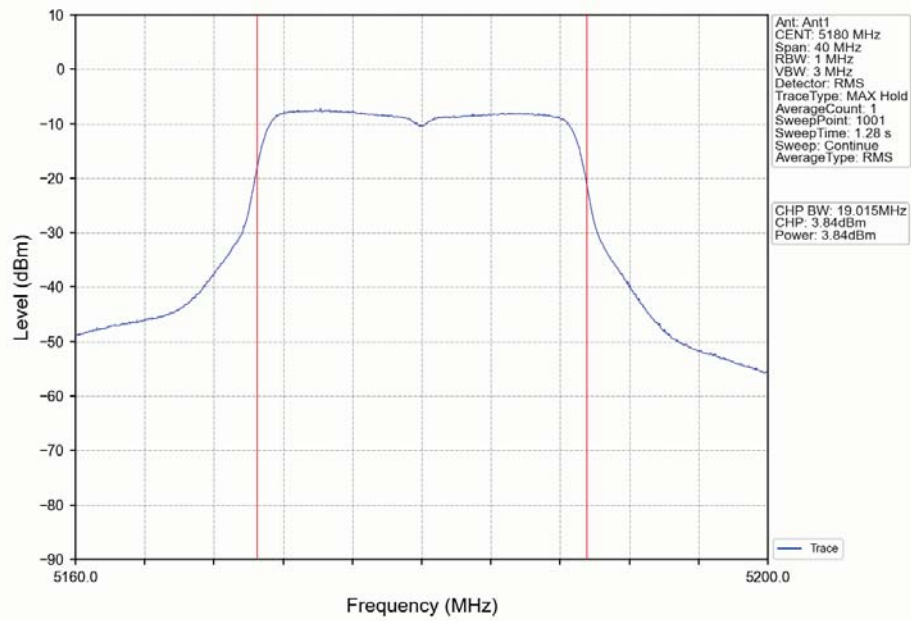


802.11a_HCH_5825MHz_Ant1_NTNV

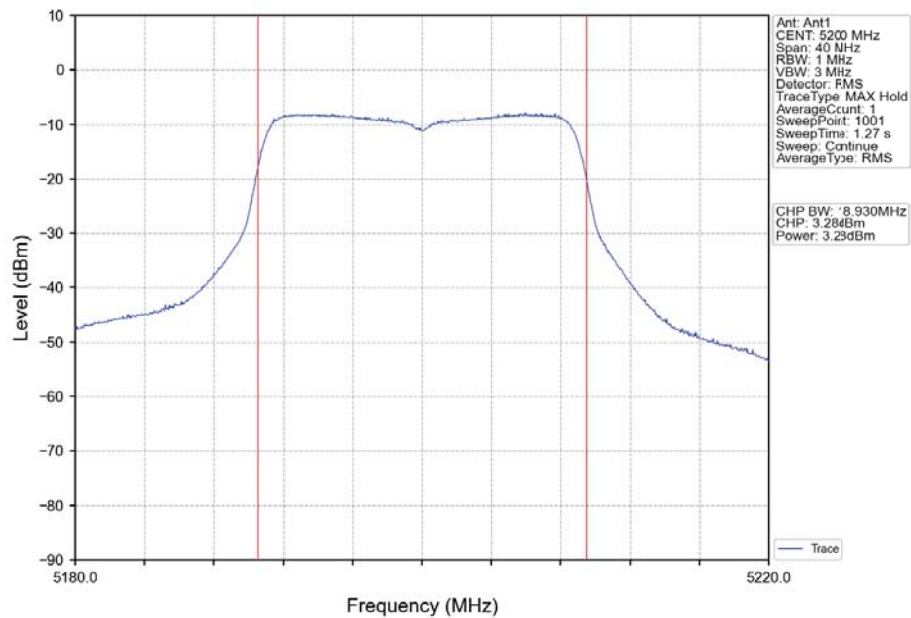




802.11n(HT20) LCH 5180MHz_Ant1_NTNV

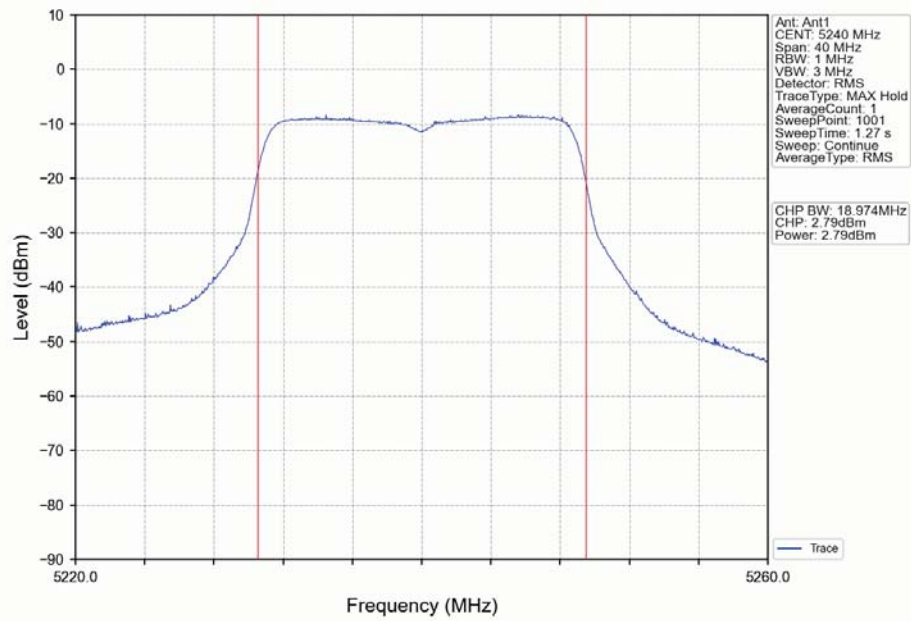


802.11n(HT20) MCH 5200MHz_Ant1_NTNV

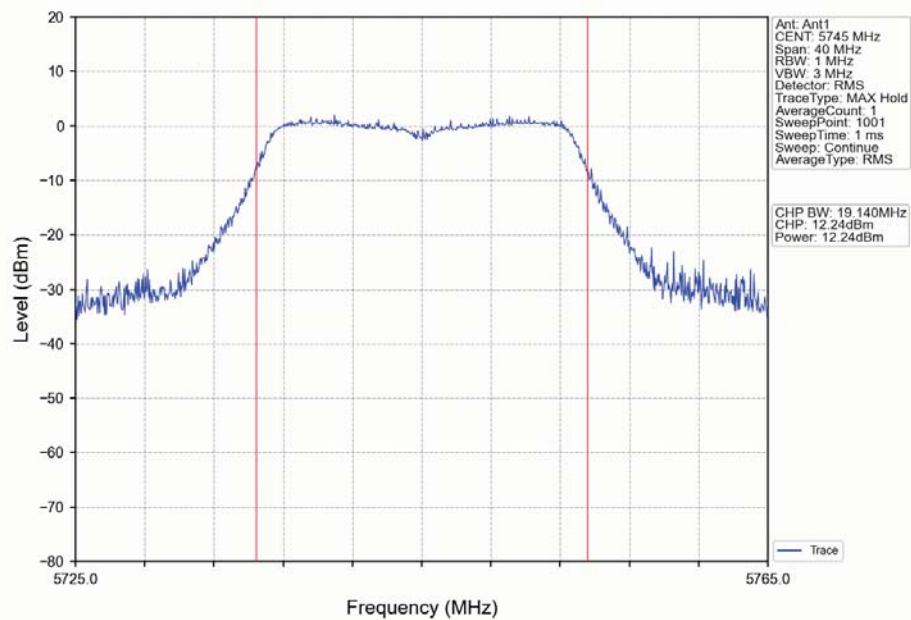




802.11n(HT20) HCH 5240MHz Ant1_NTNV

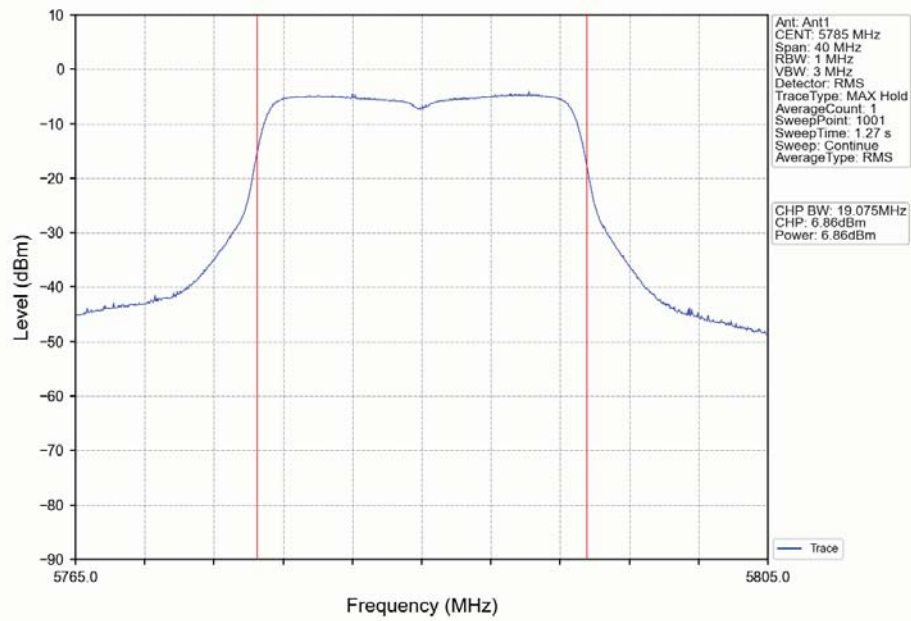


802.11n(HT20) LCH 5745MHz Ant1_NTNV

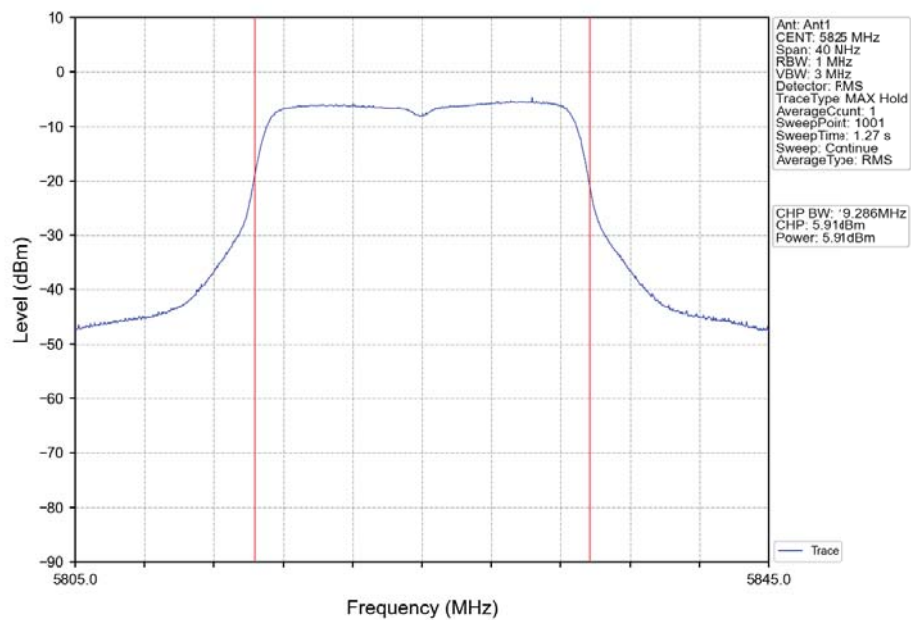




802.11n(HT20) MCH 5785MHz Ant1 NTN

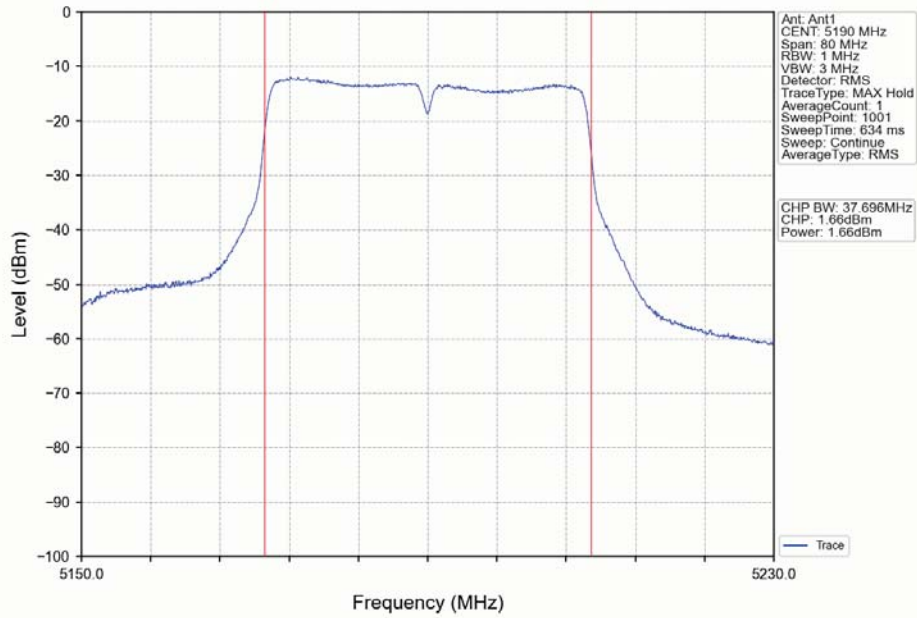


802.11n(HT20) HCH 5825MHz Ant1 NTN

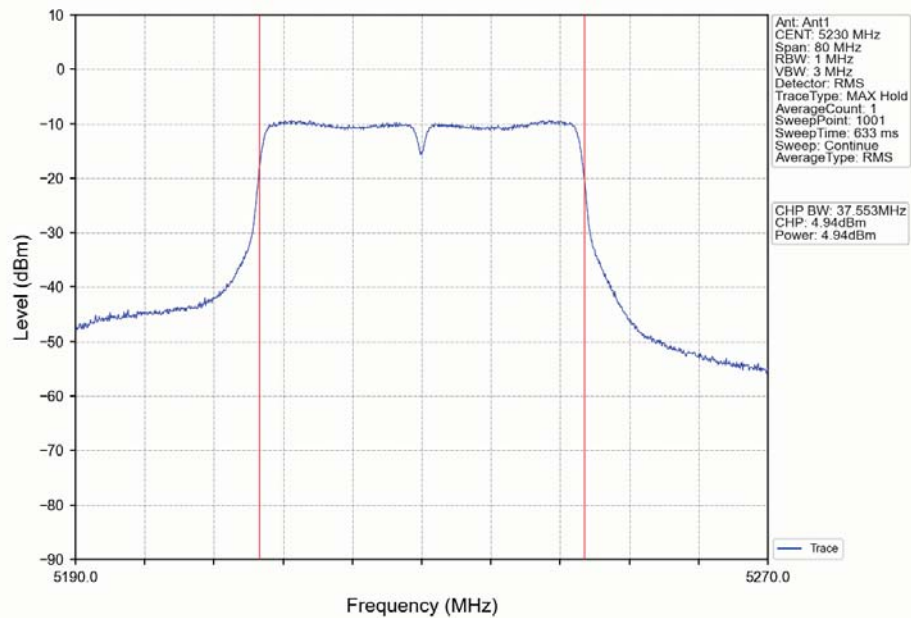




802.11n(HT40) LCH 5190MHz_Ant1_NTNV

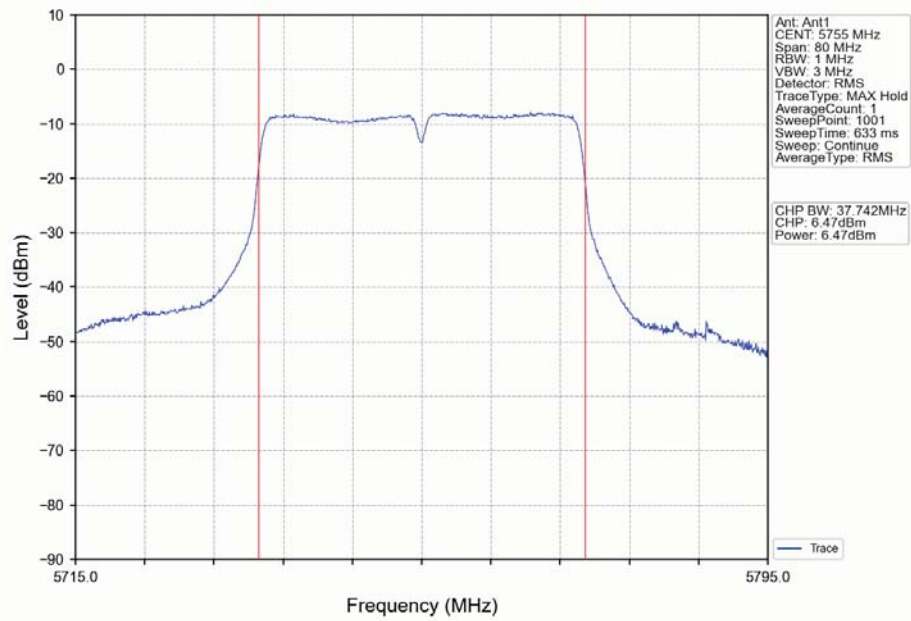


802.11n(HT40) HCH 5230MHz_Ant1_NTNV

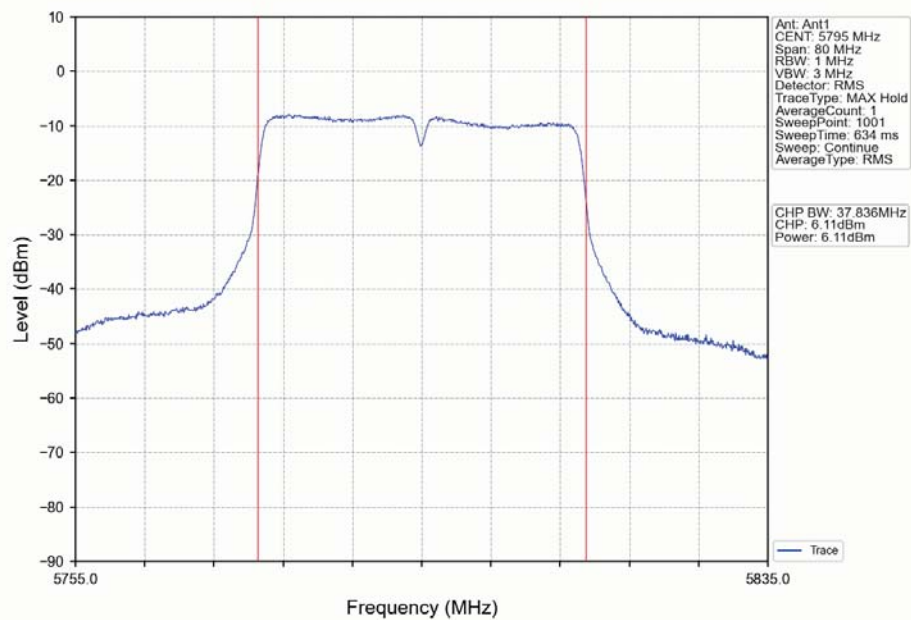




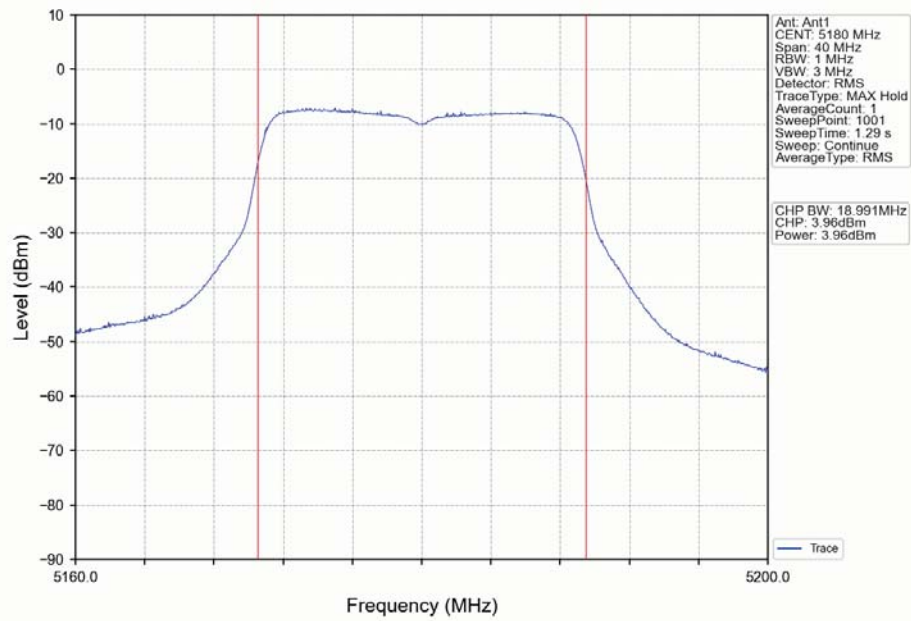
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



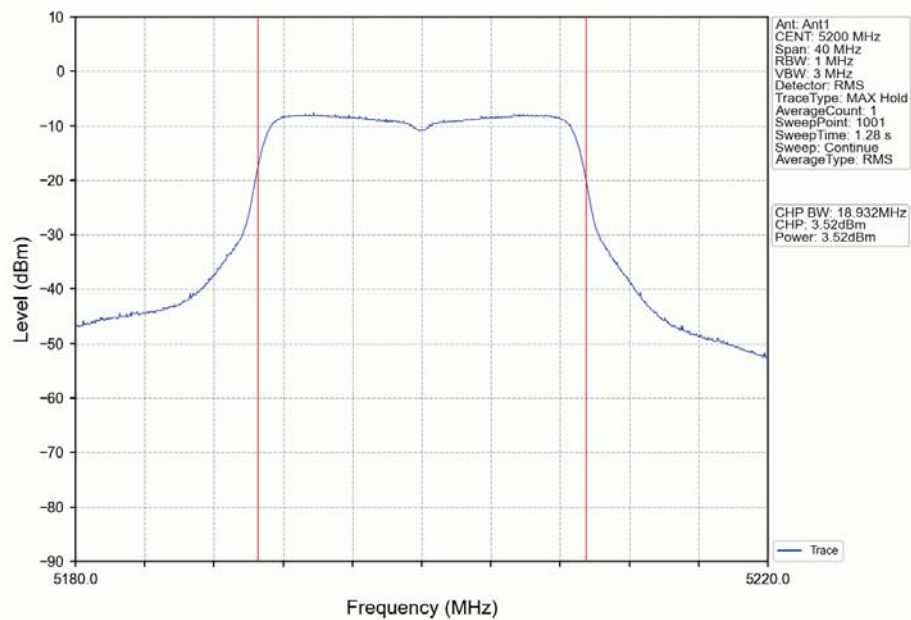
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



802.11ac(VHT20) LCH 5180MHz Ant1_NTNV

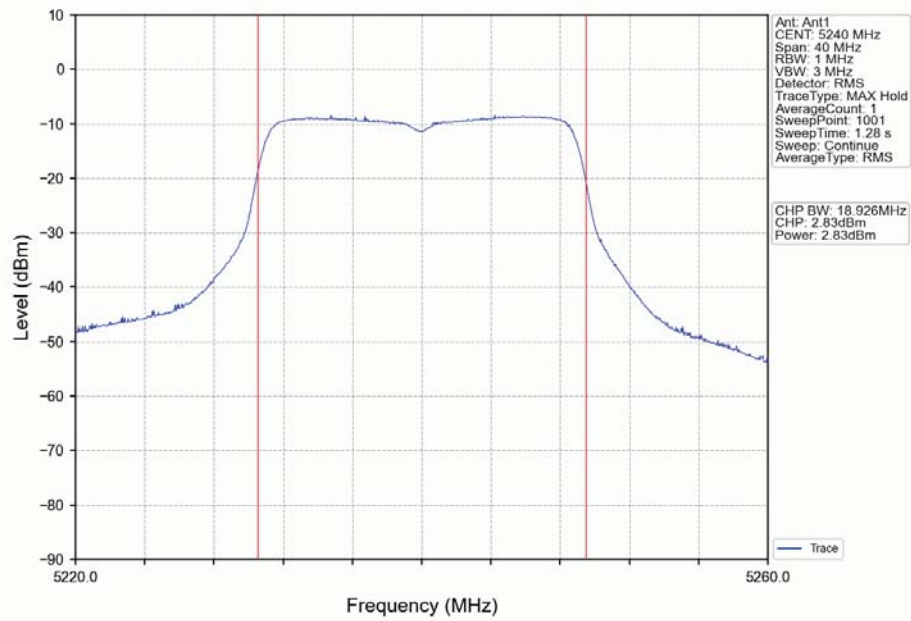


802.11ac(VHT20) MCH 5200MHz Ant1_NTNV

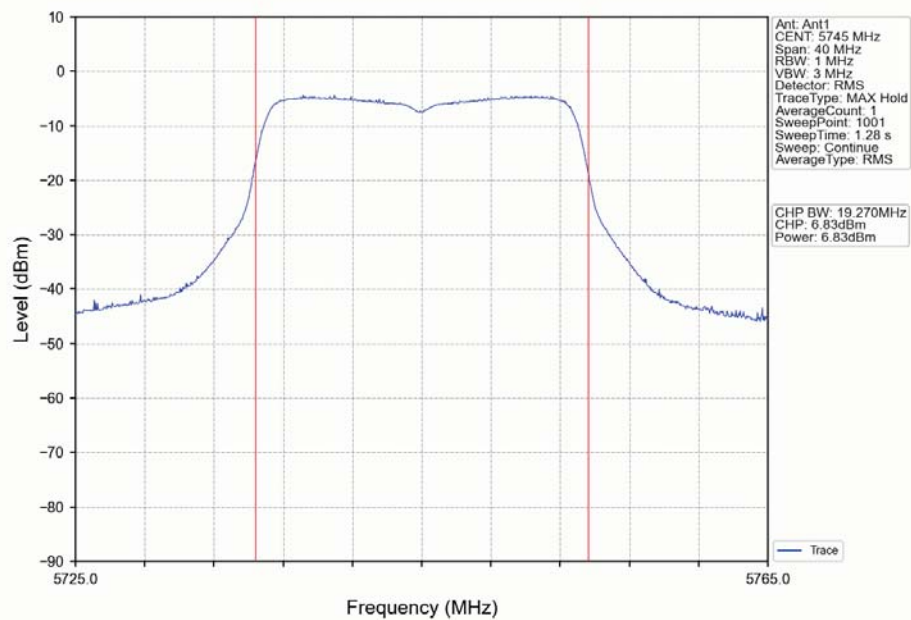




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

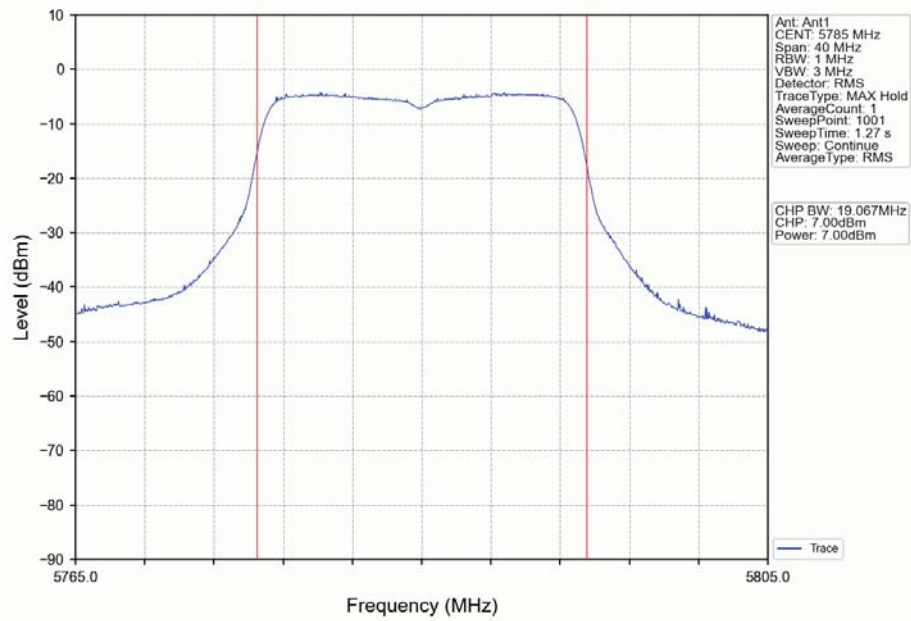


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

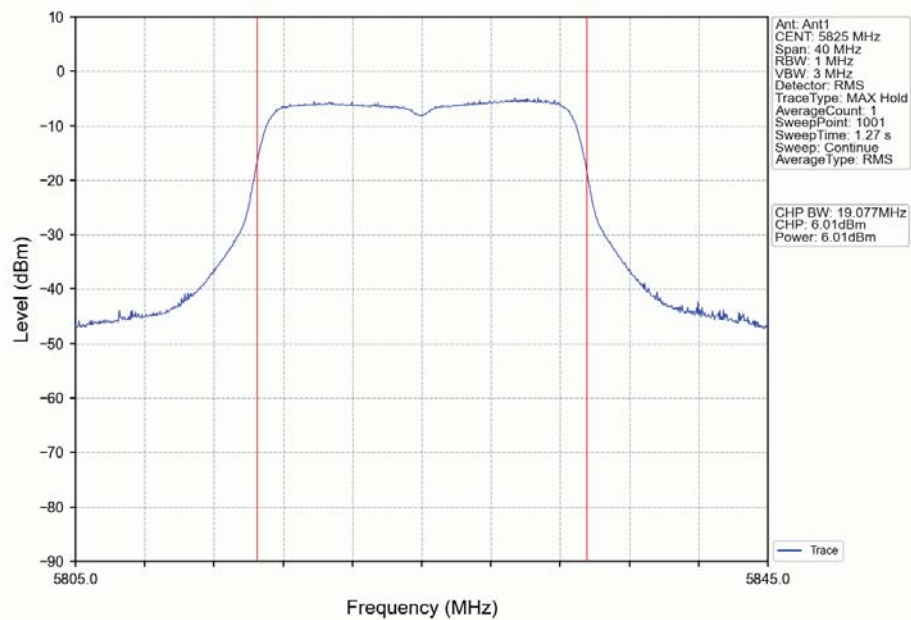




802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

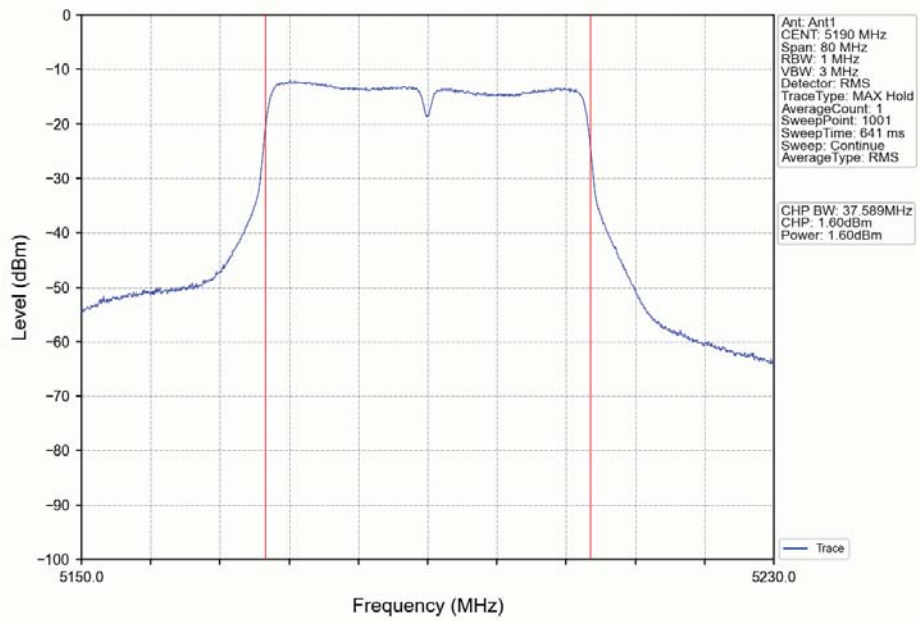


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

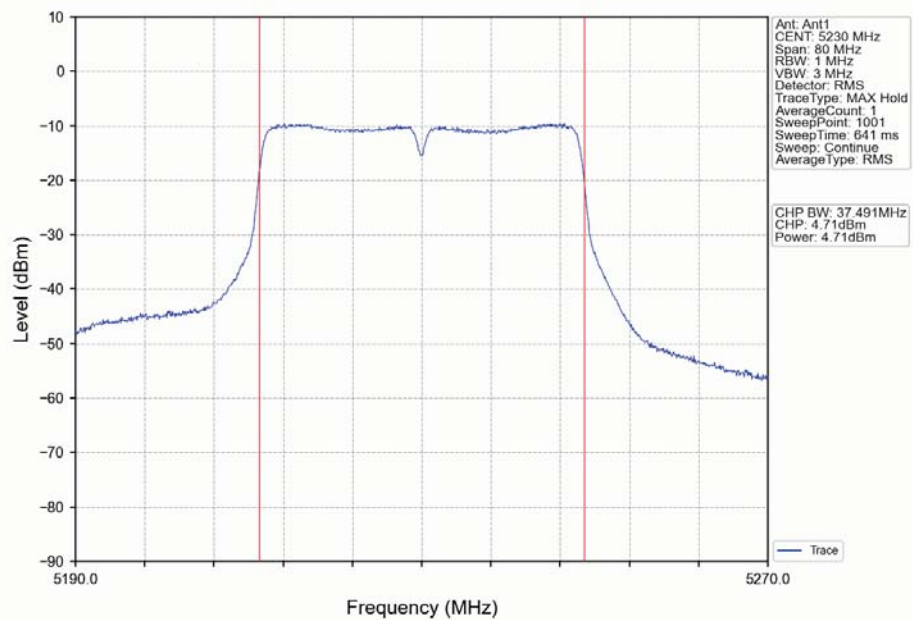




802.11ac(VHT40) LCH 5190MHz Ant1_NTNV

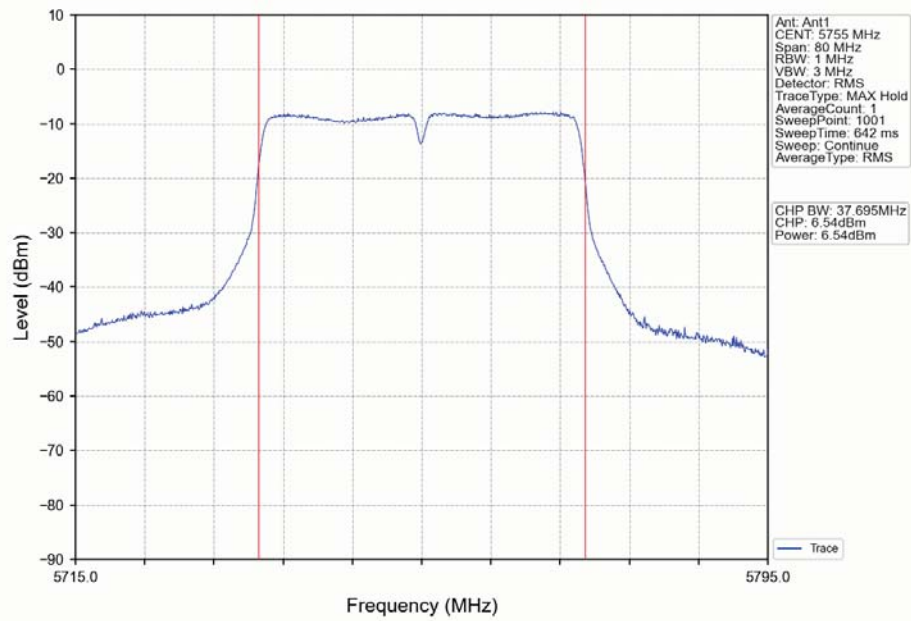


802.11ac(VHT40) HCH 5230MHz Ant1_NTNV

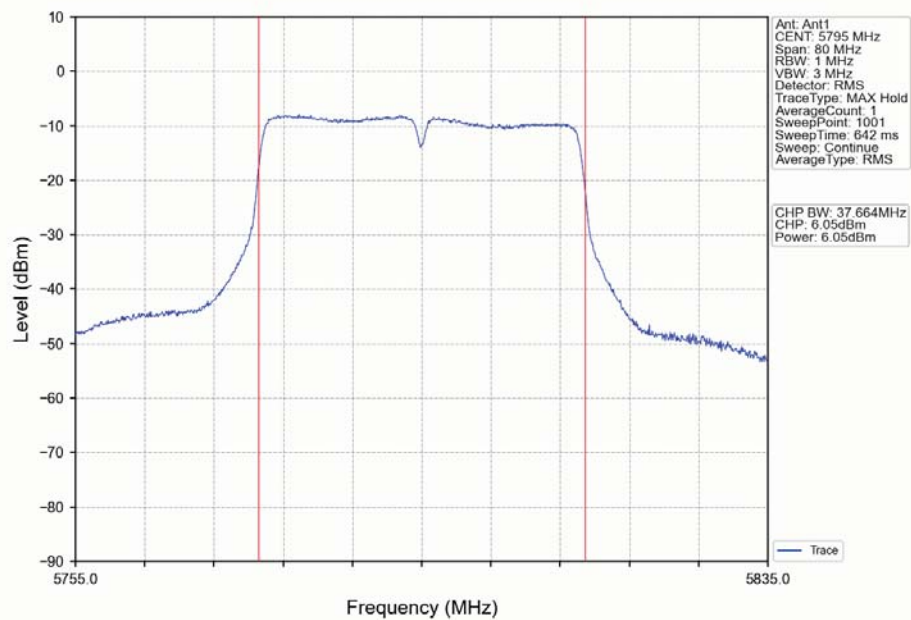




802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV

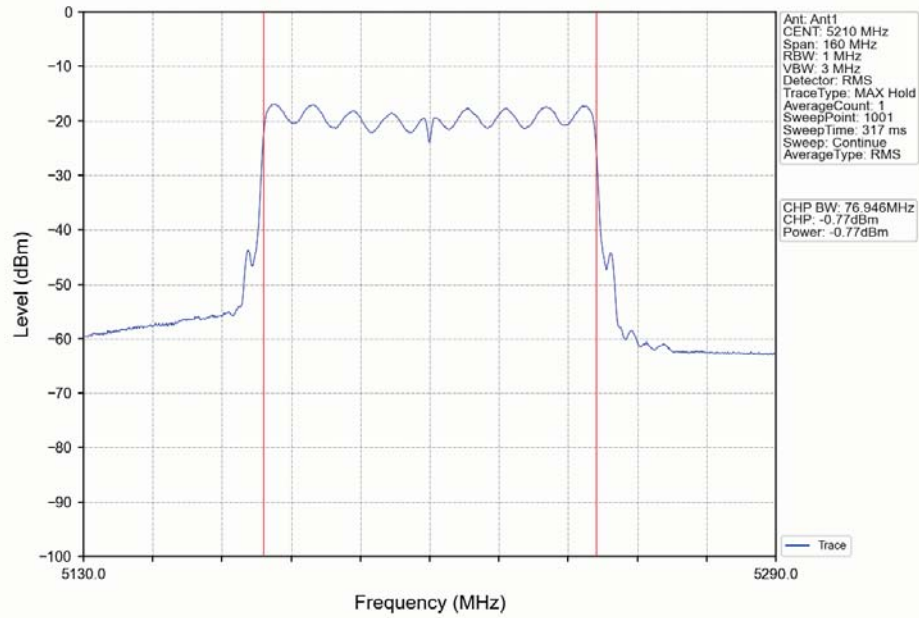


802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV

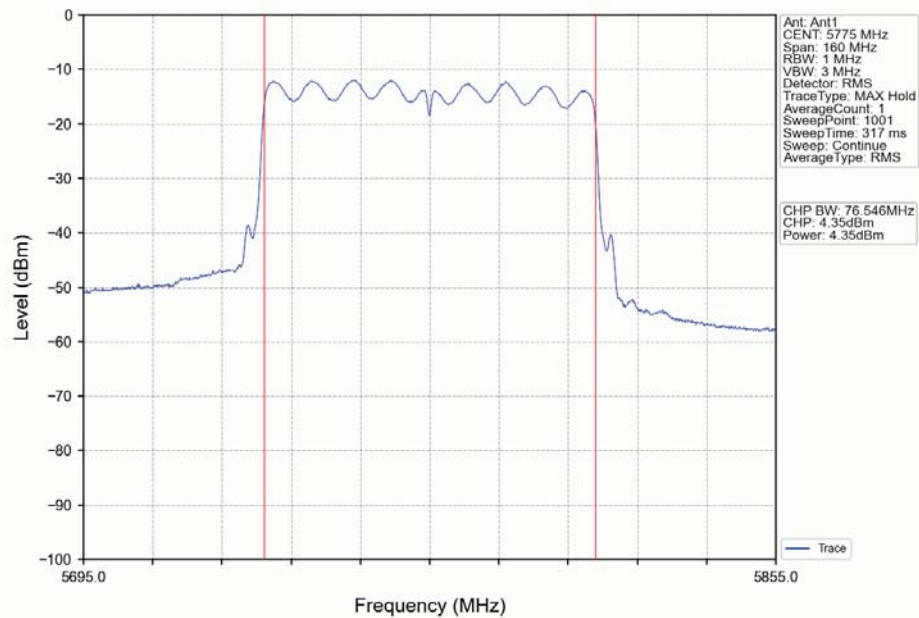




802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV





4. Maximum Power Spectral Density

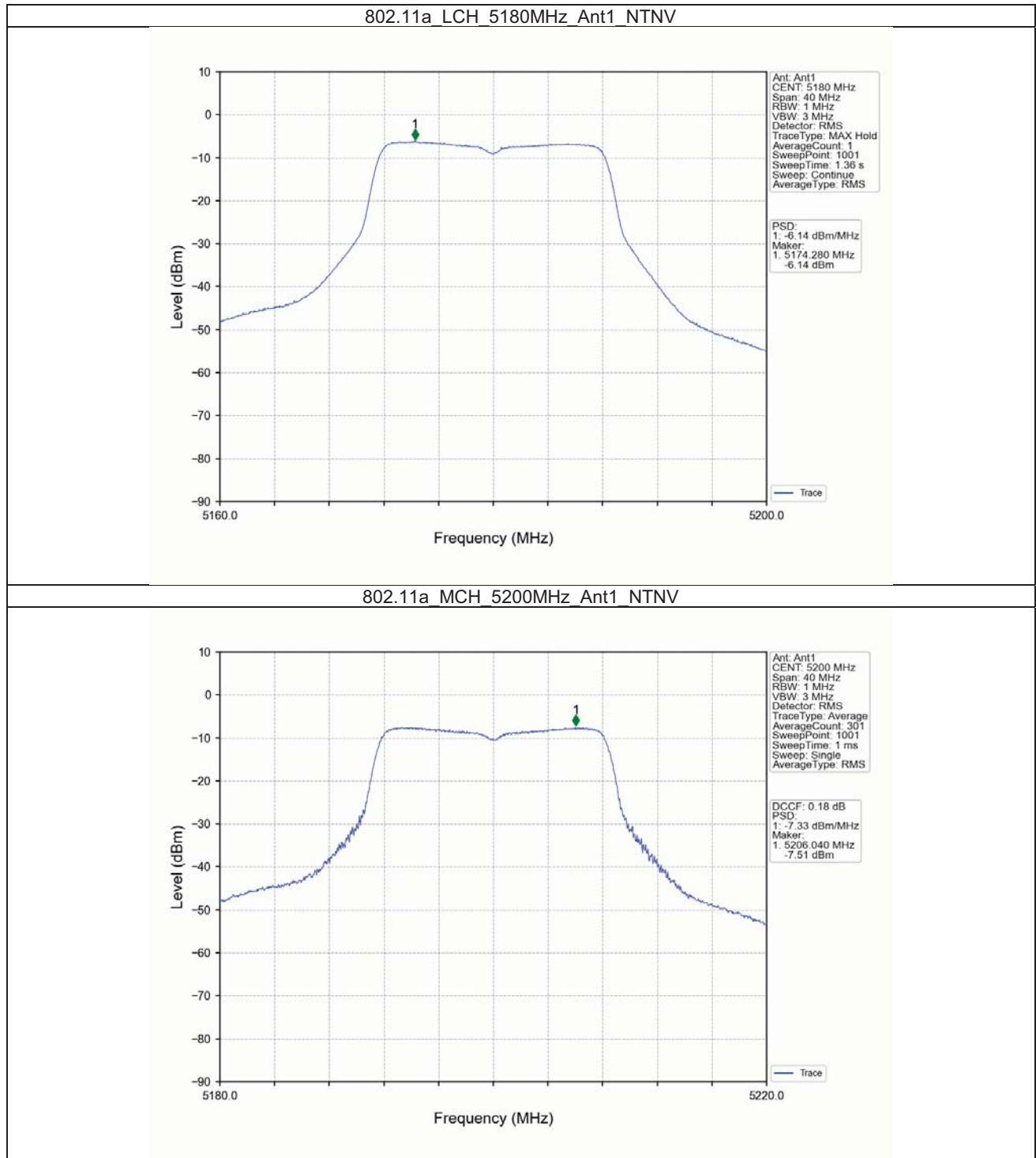
4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-6.14	≤ 11	Pass
		5200	-7.33	≤ 11	Pass
		5240	-7.34	≤ 11	Pass
802.11n (HT20)	SISO	5180	-7.12	≤ 11	Pass
		5200	-7.84	≤ 11	Pass
		5240	-8.36	≤ 11	Pass
802.11n (HT40)	SISO	5190	-11.95	≤ 11	Pass
		5230	-9.30	≤ 11	Pass
802.11ac (VHT20)	SISO	5180	-6.83	≤ 11	Pass
		5200	-7.86	≤ 11	Pass
		5240	-8.18	≤ 11	Pass
802.11ac (VHT40)	SISO	5190	-12.24	≤ 11	Pass
		5230	-9.60	≤ 11	Pass
802.11ac (VHT80)	SISO	5210	-16.99	≤ 11	Pass
Note1: Antenna Gain: Ant1: 1.93dBi;					

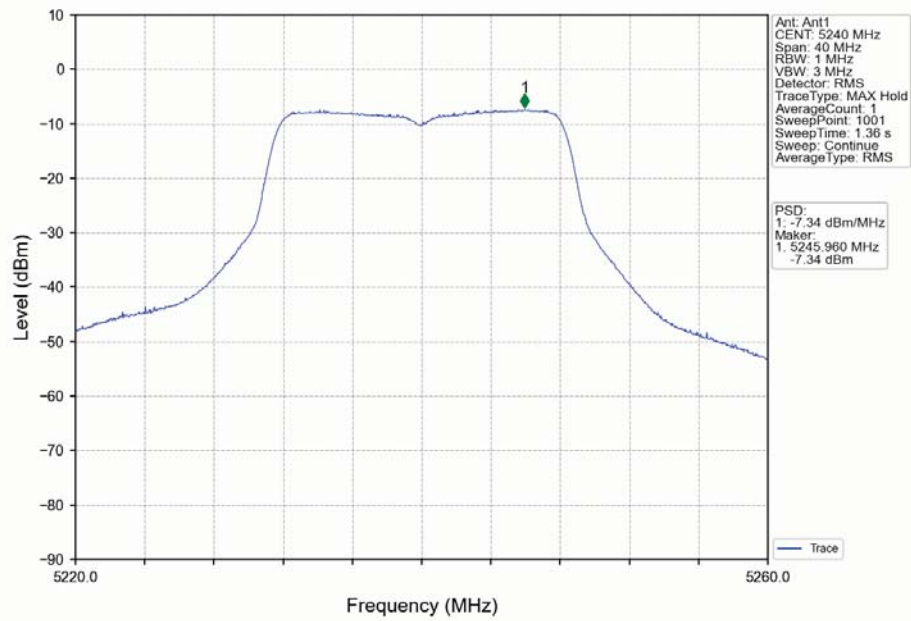


4.1.2 Test Graph

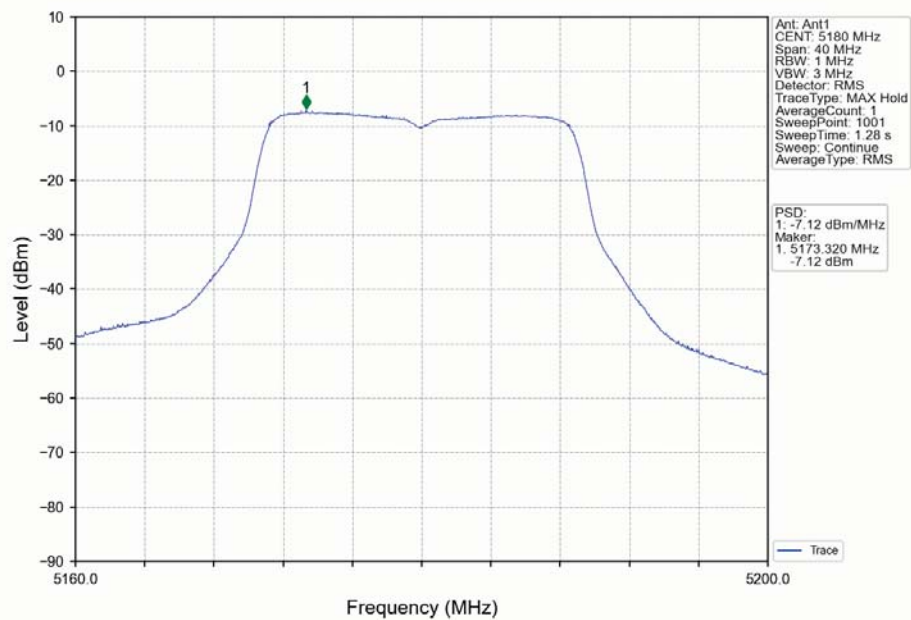




802.11a_HCH_5240MHz_Ant1_NTNV

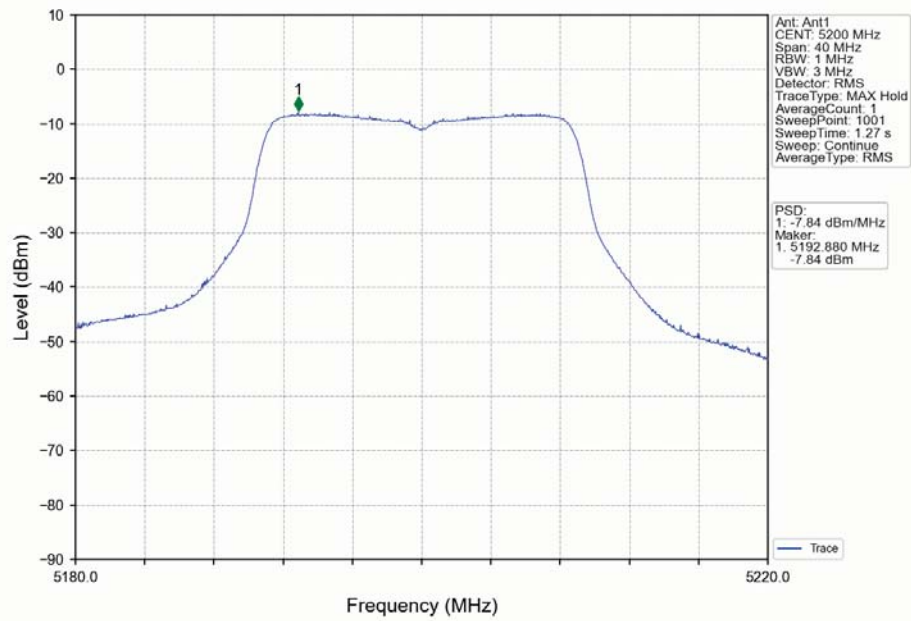


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

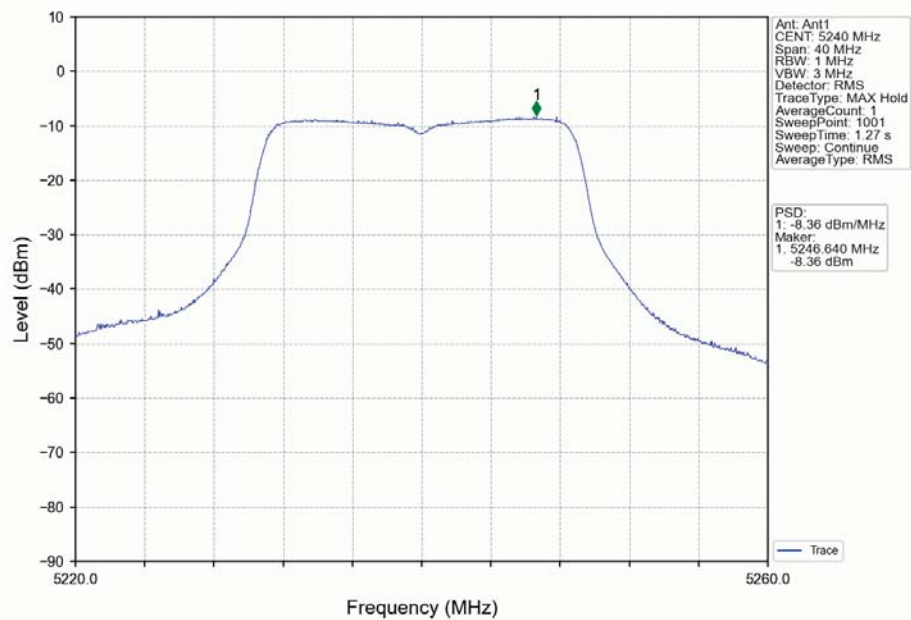




802.11n(HT20) MCH 5200MHz Ant1 NTN

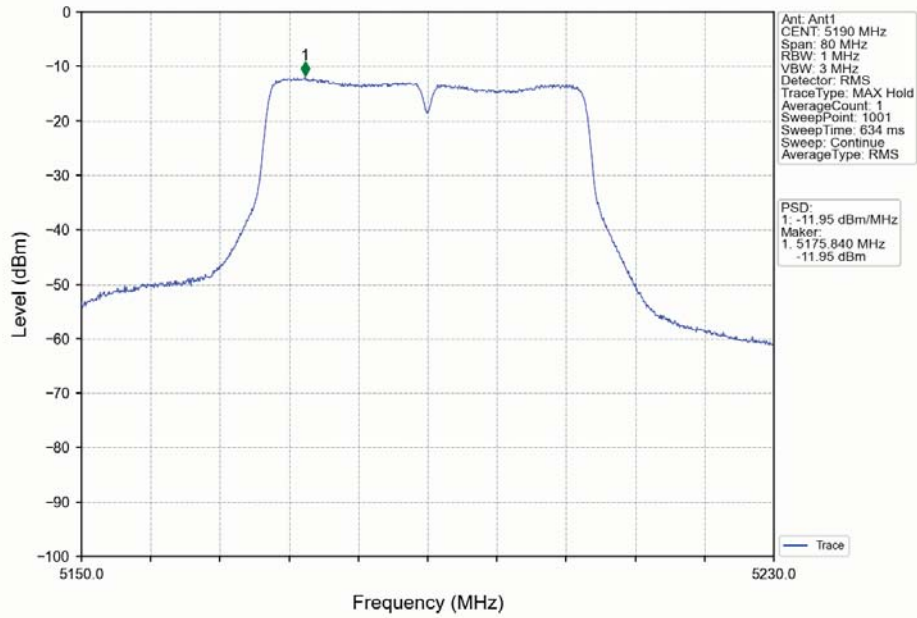


802.11n(HT20) HCH 5240MHz Ant1 NTN

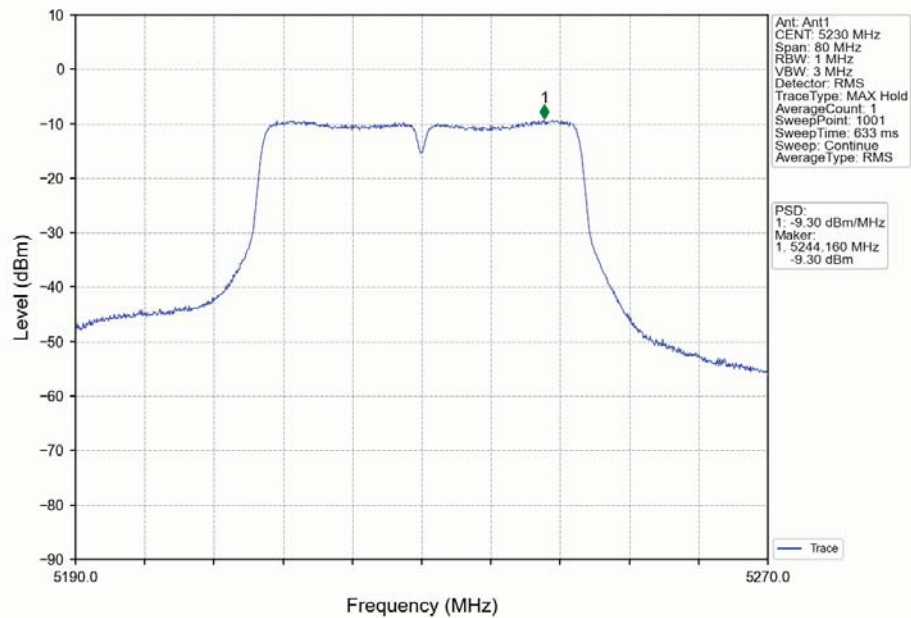




802.11n(HT40) LCH 5190MHz_Ant1_NTNV

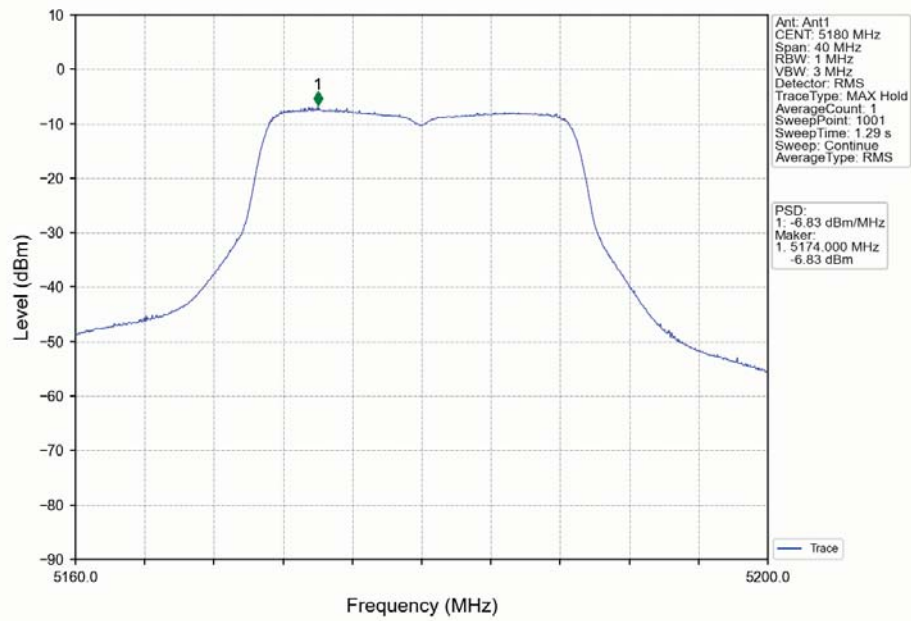


802.11n(HT40) HCH 5230MHz_Ant1_NTNV

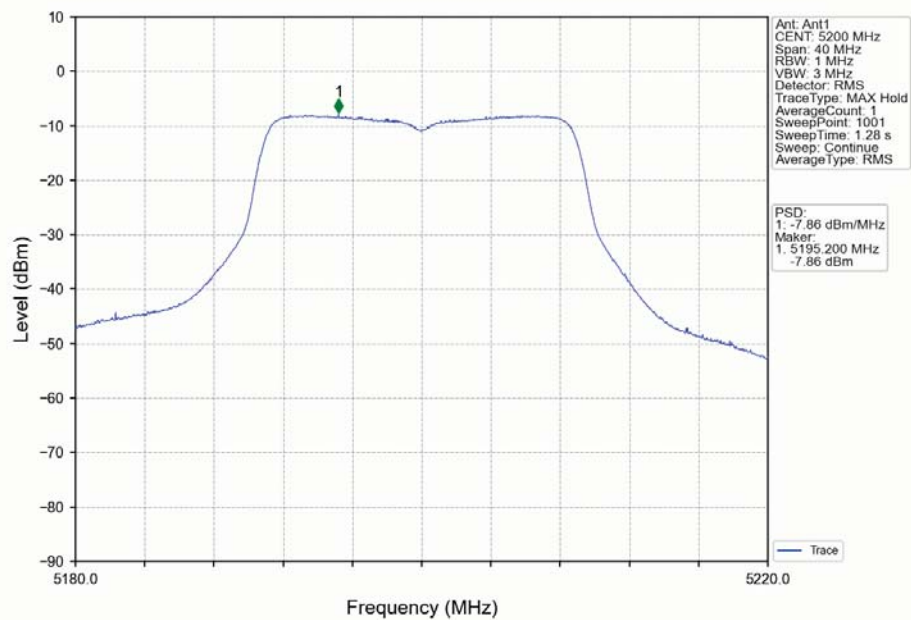




802.11ac(VHT20) LCH 5180MHz Ant1_NTNV

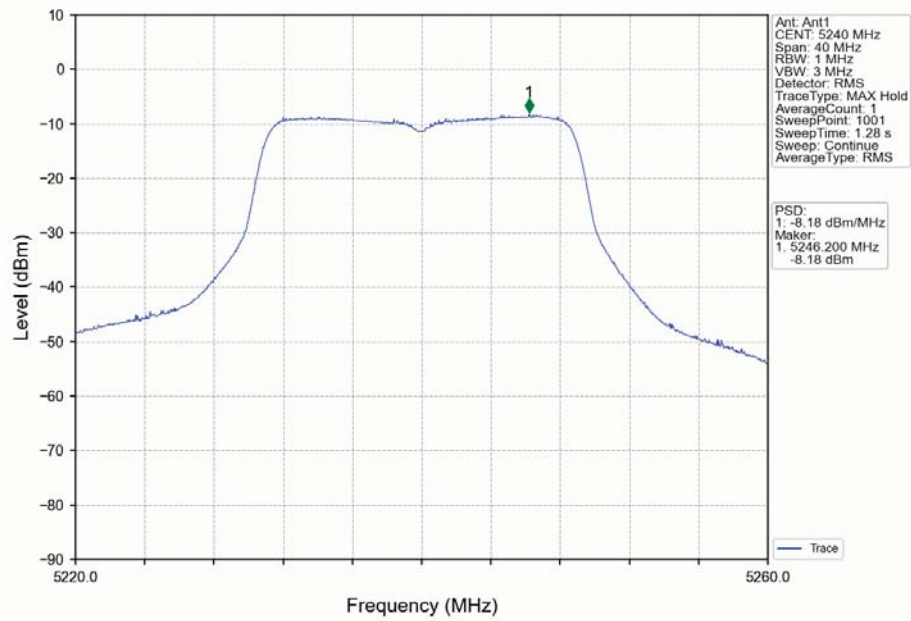


802.11ac(VHT20) MCH 5200MHz Ant1_NTNV

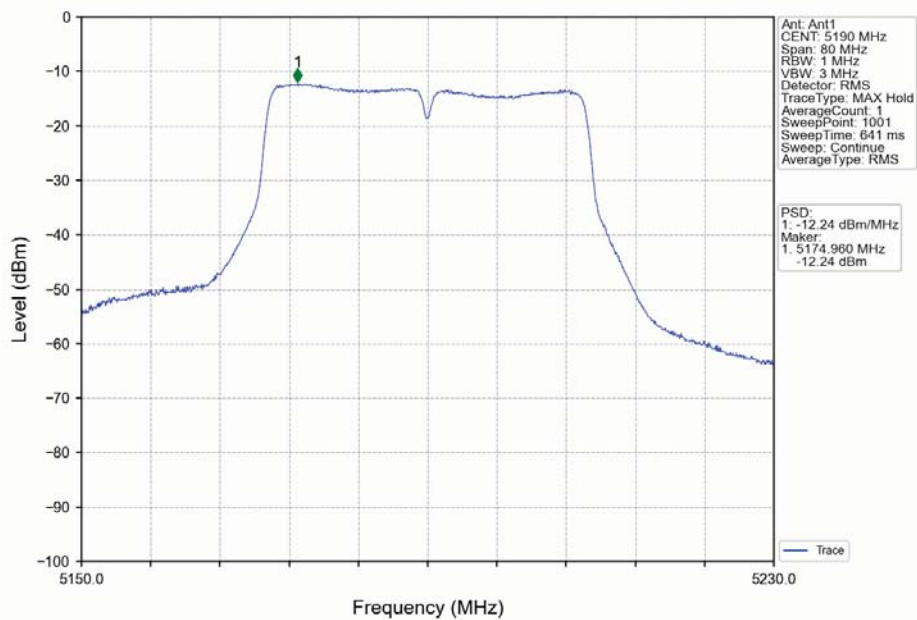




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

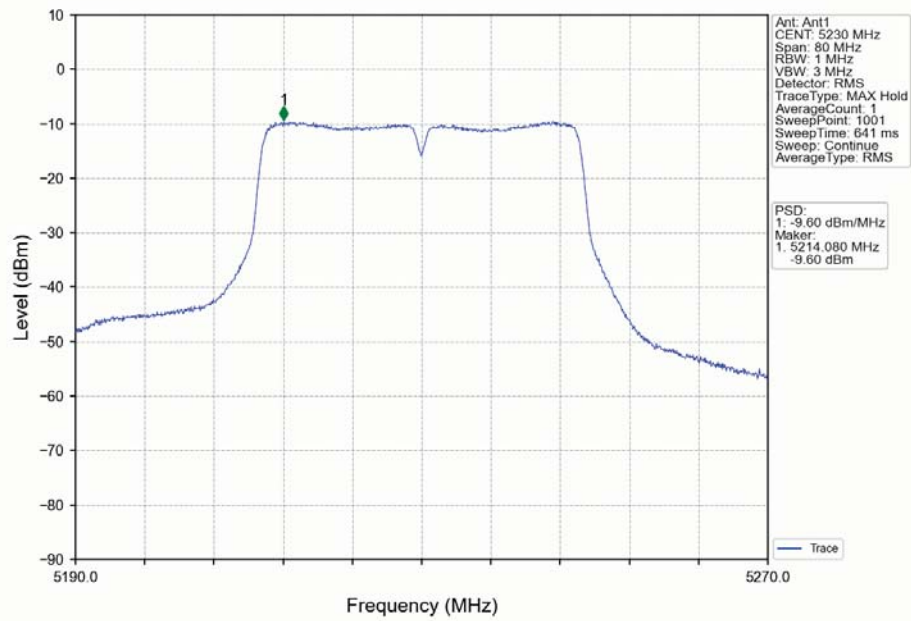


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

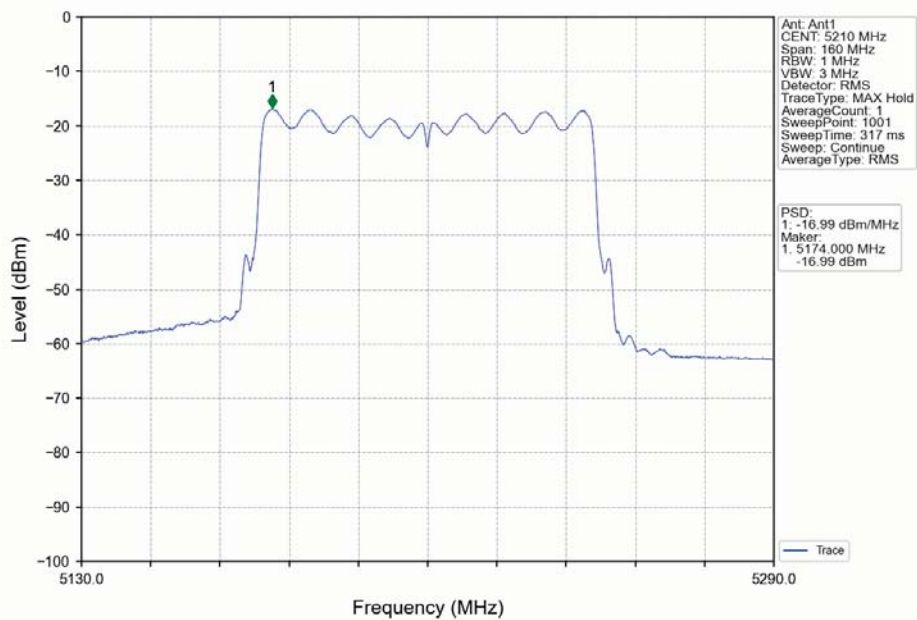




802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV





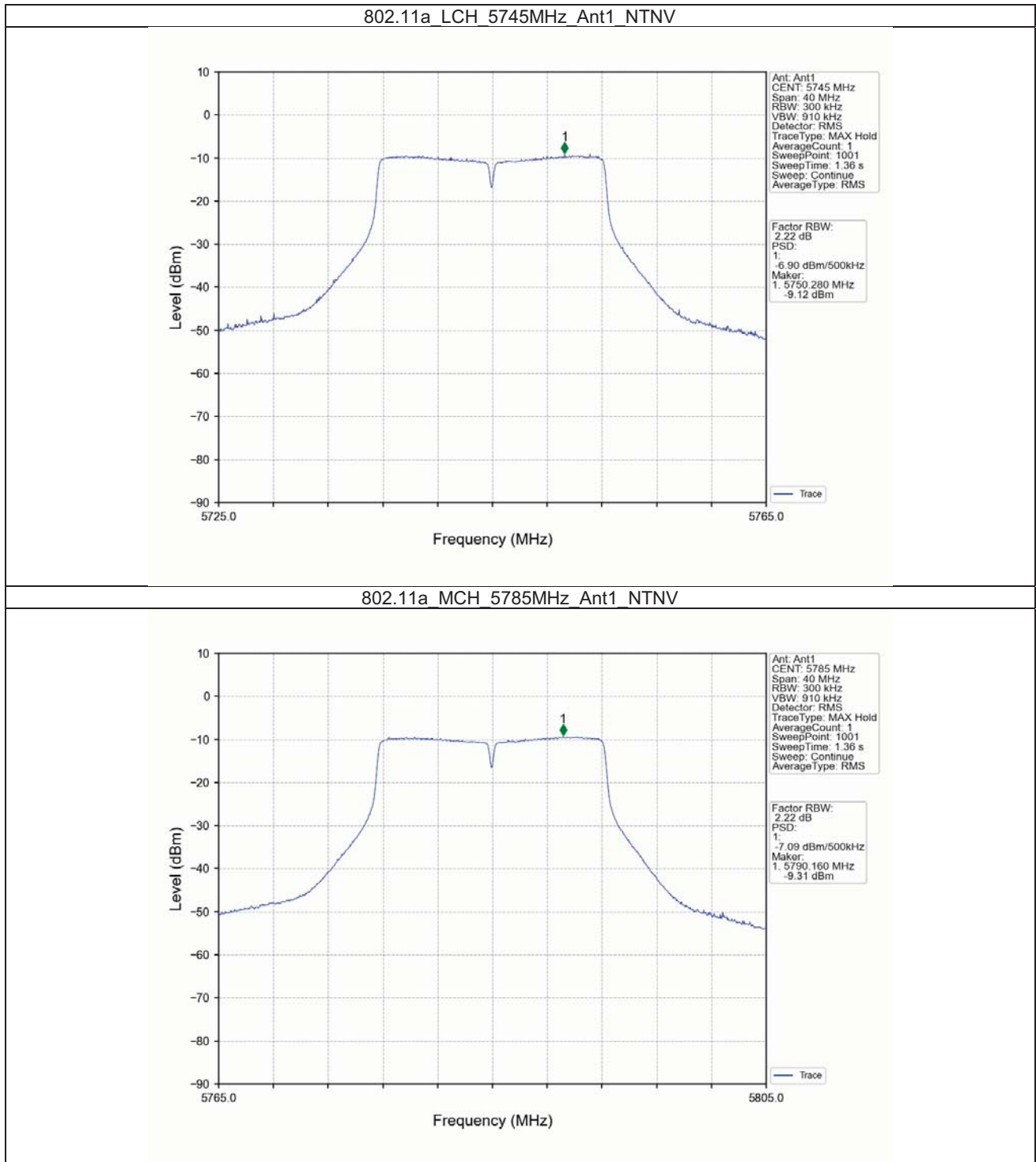
4.2 PSD-Band3

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-6.90	<=30	Pass
		5785	-7.09	<=30	Pass
		5825	-7.78	<=30	Pass
802.11n (HT20)	SISO	5745	0.28	<=30	Pass
		5785	-7.24	<=30	Pass
		5825	-8.14	<=30	Pass
802.11n (HT40)	SISO	5755	-10.60	<=30	Pass
		5795	-10.62	<=30	Pass
802.11ac (VHT20)	SISO	5745	-7.26	<=30	Pass
		5785	-6.72	<=30	Pass
		5825	-7.98	<=30	Pass
802.11ac (VHT40)	SISO	5755	-10.69	<=30	Pass
		5795	-10.80	<=30	Pass
802.11ac (VHT80)	SISO	5775	-14.26	<=30	Pass
Note1: Antenna Gain: Ant1: 2.66dBi;					

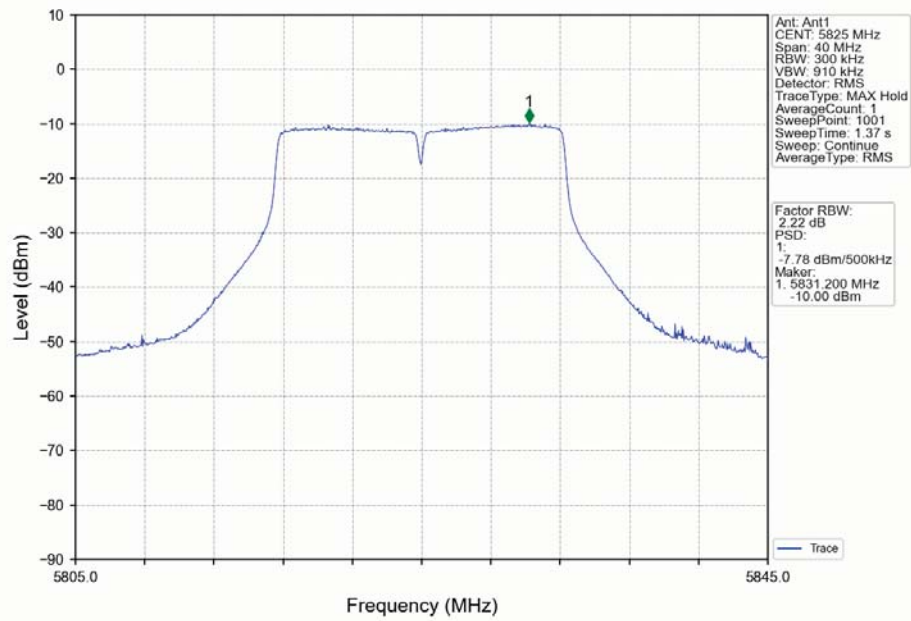


4.2.2 Test Graph

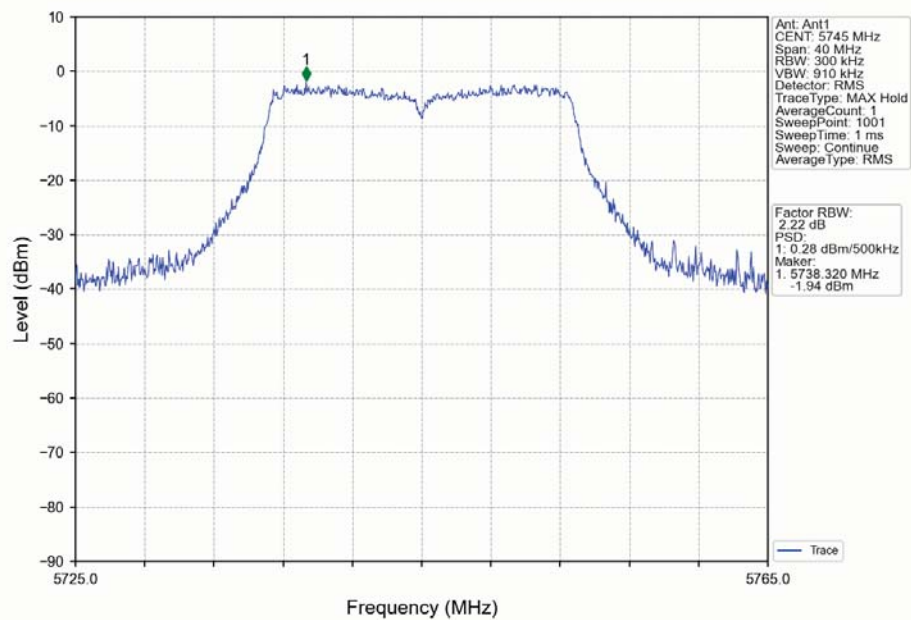




802.11a_HCH_5825MHz_Ant1_NTNV

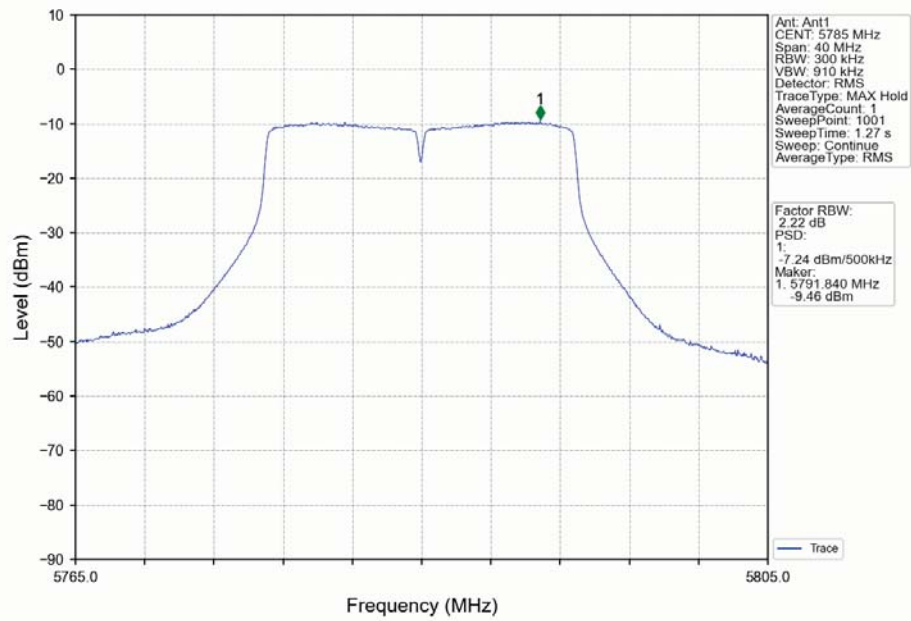


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

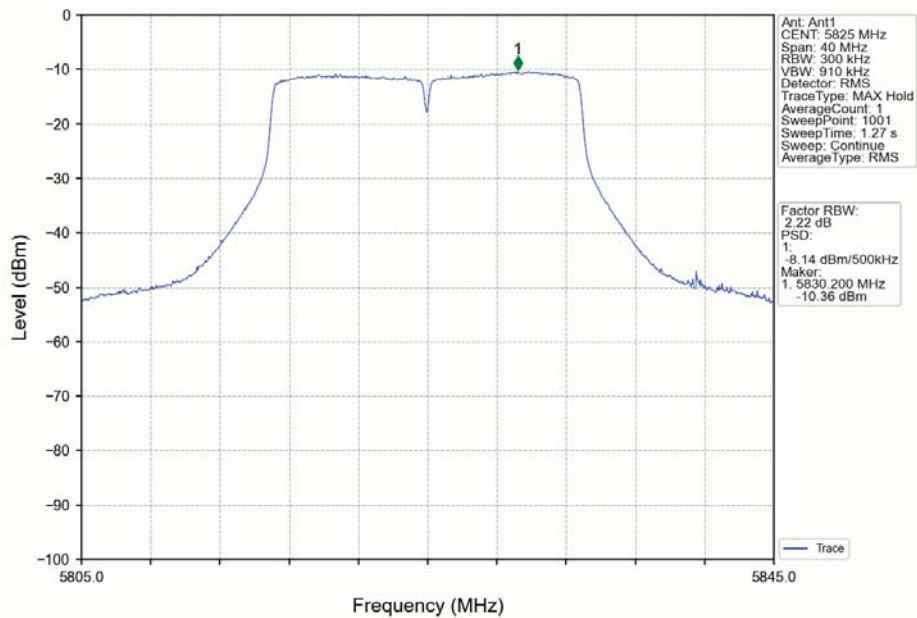




802.11n(HT20) MCH 5785MHz Ant1_NTNV

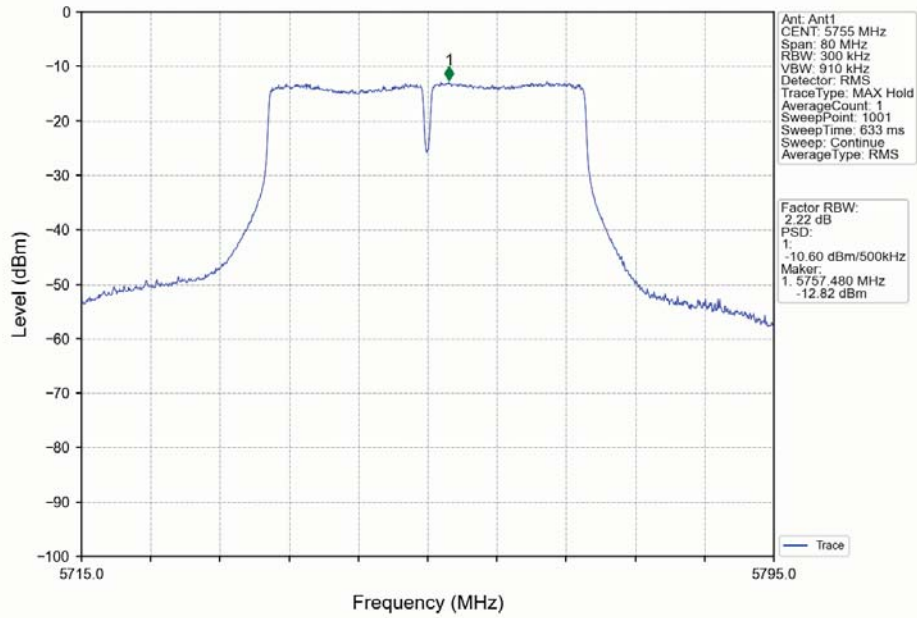


802.11n(HT20) HCH 5825MHz Ant1_NTNV

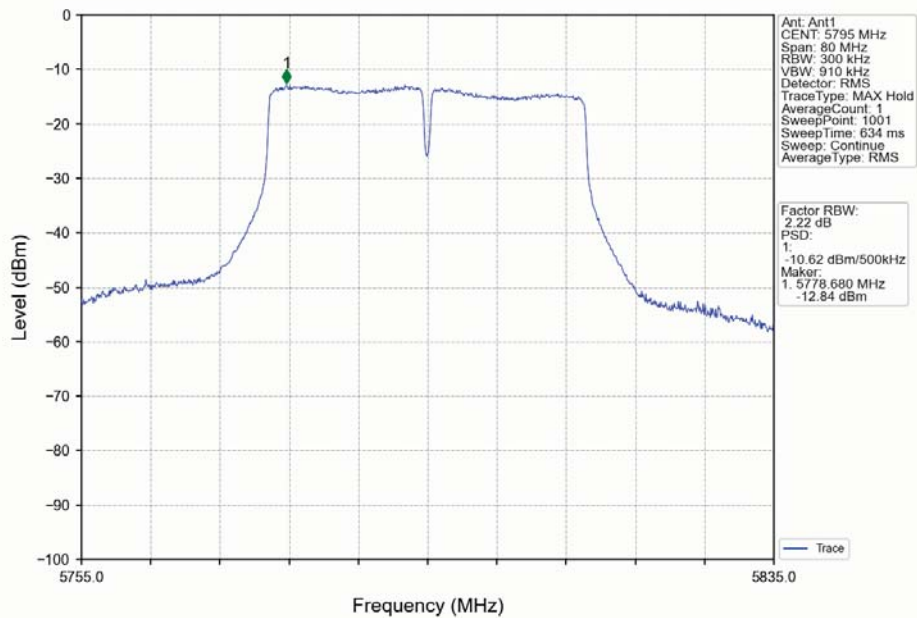




802.11n(HT40) LCH 5755MHz_Ant1_NTNV

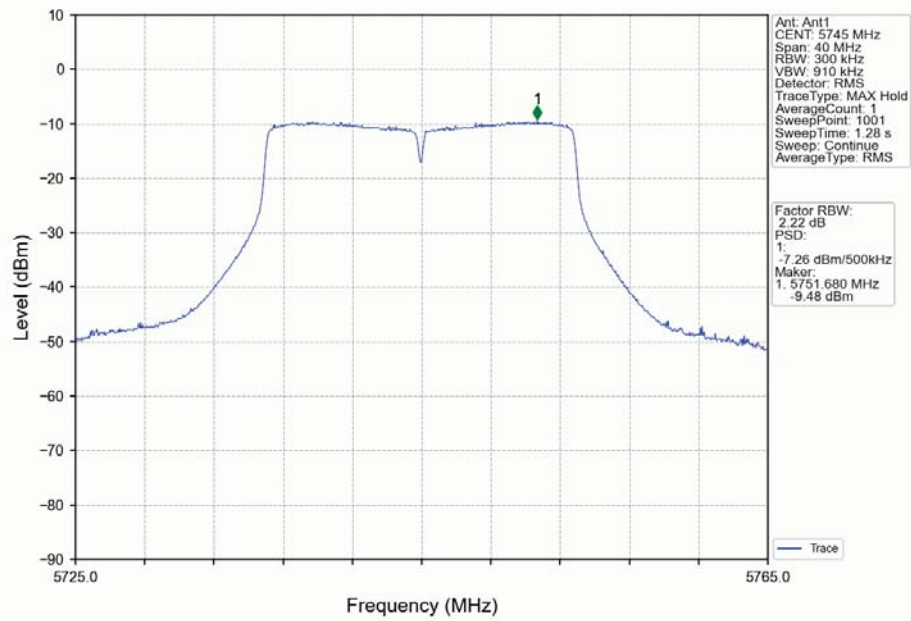


802.11n(HT40) HCH 5795MHz_Ant1_NTNV

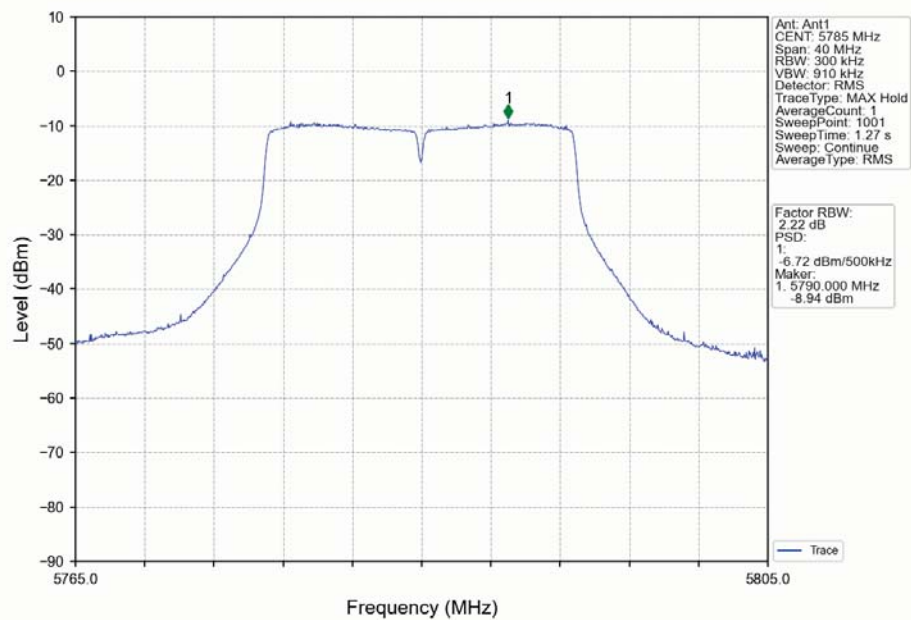




802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV

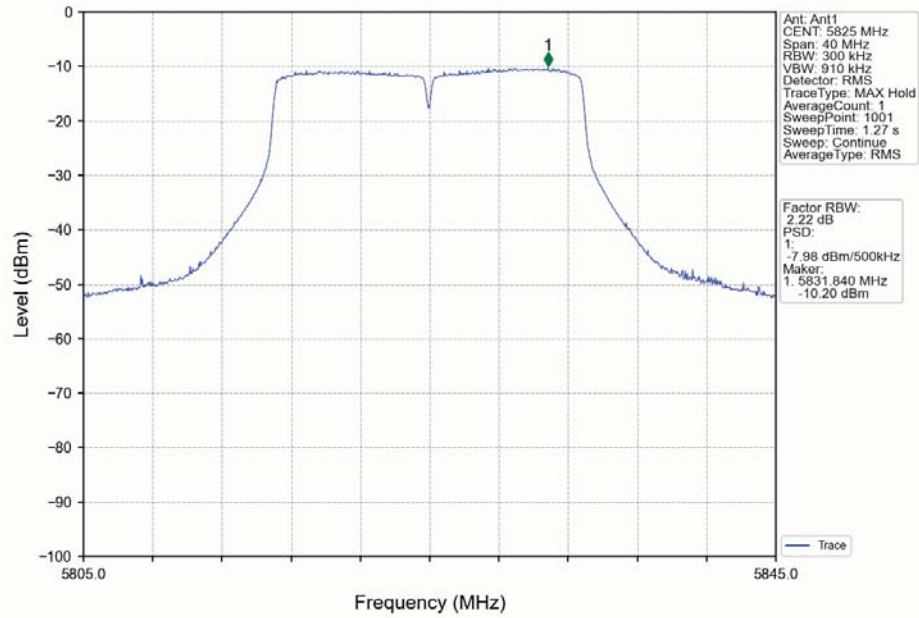


802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV

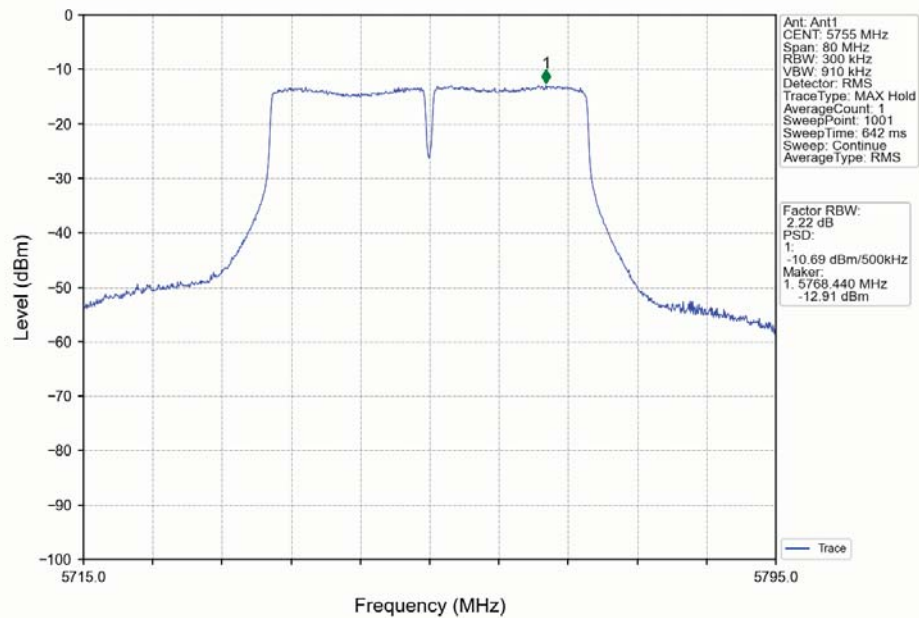




802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

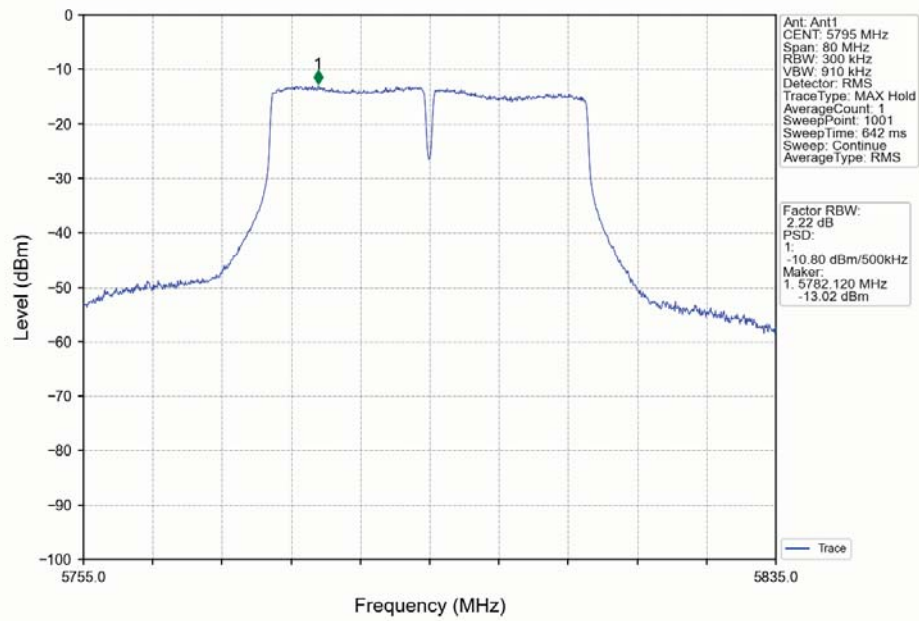


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

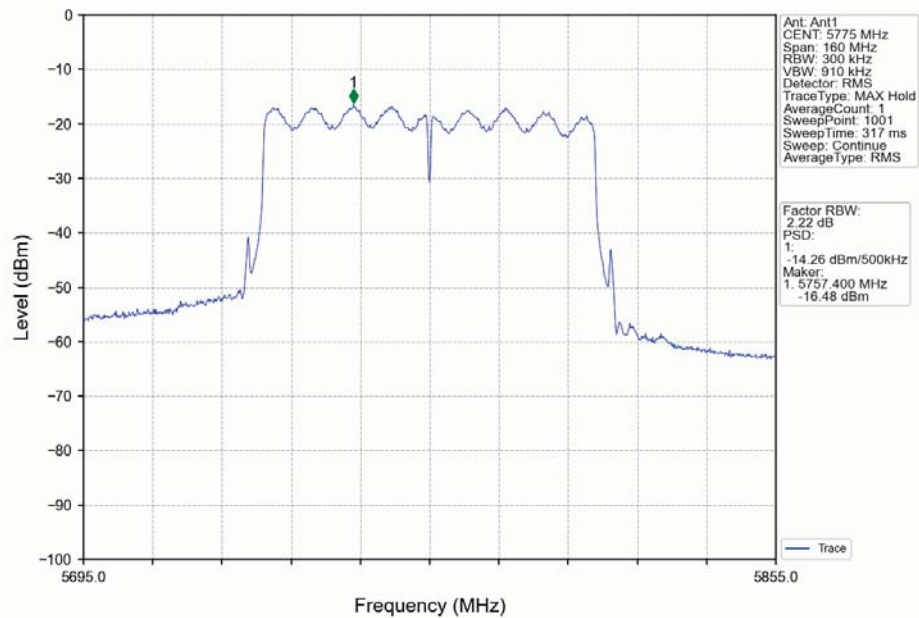




802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV





5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Ant1		Limit (MHz)	Verdict
				Voltage (VAC)	Measured Frequency (MHz)		
Carrier Wave	SISO	5180	20	102	5179.949	5150 to 5250	Pass
				120	5179.949	5150 to 5250	Pass
				138	5179.949	5150 to 5250	Pass
			-30	120	5179.949	5150 to 5250	Pass
			-20	120	5179.950	5150 to 5250	Pass
			-10	120	5179.950	5150 to 5250	Pass
			0	120	5179.950	5150 to 5250	Pass
			10	120	5179.950	5150 to 5250	Pass
			30	120	5179.950	5150 to 5250	Pass
			40	120	5179.950	5150 to 5250	Pass
			50	120	5179.950	5150 to 5250	Pass
		5200	20	102	5199.950	5150 to 5250	Pass
				120	5199.950	5150 to 5250	Pass
				138	5199.950	5150 to 5250	Pass
			-30	120	5199.950	5150 to 5250	Pass
			-20	120	5199.950	5150 to 5250	Pass
			-10	120	5199.950	5150 to 5250	Pass
			0	120	5199.950	5150 to 5250	Pass
			10	120	5199.949	5150 to 5250	Pass
			30	120	5199.949	5150 to 5250	Pass
			40	120	5199.949	5150 to 5250	Pass
			50	120	5199.950	5150 to 5250	Pass
		5240	20	102	5239.948	5150 to 5250	Pass
				120	5239.949	5150 to 5250	Pass
				138	5239.949	5150 to 5250	Pass
			-30	120	5239.949	5150 to 5250	Pass
			-20	120	5239.949	5150 to 5250	Pass
			-10	120	5239.950	5150 to 5250	Pass
			0	120	5239.950	5150 to 5250	Pass
			10	120	5239.950	5150 to 5250	Pass
			30	120	5239.950	5150 to 5250	Pass
			40	120	5239.950	5150 to 5250	Pass
			50	120	5239.950	5150 to 5250	Pass
		5745	20	102	5744.947	5725 to 5850	Pass
				120	5744.947	5725 to 5850	Pass
				138	5744.947	5725 to 5850	Pass
			-30	120	5744.947	5725 to 5850	Pass
			-20	120	5744.947	5725 to 5850	Pass
			-10	120	5744.947	5725 to 5850	Pass
			0	120	5744.947	5725 to 5850	Pass
			10	120	5744.947	5725 to 5850	Pass
			30	120	5744.947	5725 to 5850	Pass
			40	120	5744.948	5725 to 5850	Pass
			50	120	5744.948	5725 to 5850	Pass
		5785	20	102	5784.945	5725 to 5850	Pass



				120	5784.944	5725 to 5850	Pass
				138	5784.944	5725 to 5850	Pass
			-30	120	5784.943	5725 to 5850	Pass
			-20	120	5784.943	5725 to 5850	Pass
			-10	120	5784.943	5725 to 5850	Pass
			0	120	5784.944	5725 to 5850	Pass
			10	120	5784.944	5725 to 5850	Pass
			30	120	5784.944	5725 to 5850	Pass
			40	120	5784.944	5725 to 5850	Pass
			50	120	5784.944	5725 to 5850	Pass
		5825	20	102	5824.947	5725 to 5850	Pass
				120	5824.947	5725 to 5850	Pass
				138	5824.947	5725 to 5850	Pass
			-30	120	5824.944	5725 to 5850	Pass
			-20	120	5824.943	5725 to 5850	Pass
			-10	120	5824.943	5725 to 5850	Pass
			0	120	5824.943	5725 to 5850	Pass
			10	120	5824.943	5725 to 5850	Pass
			30	120	5824.943	5725 to 5850	Pass
			40	120	5824.943	5725 to 5850	Pass
			50	120	5824.943	5725 to 5850	Pass
		5190	20	102	5189.950	5150 to 5250	Pass
				120	5189.950	5150 to 5250	Pass
				138	5189.950	5150 to 5250	Pass
			-30	120	5189.950	5150 to 5250	Pass
			-20	120	5189.949	5150 to 5250	Pass
			-10	120	5189.949	5150 to 5250	Pass
			0	120	5189.949	5150 to 5250	Pass
			10	120	5189.949	5150 to 5250	Pass
			30	120	5189.949	5150 to 5250	Pass
			40	120	5189.949	5150 to 5250	Pass
			50	120	5189.949	5150 to 5250	Pass
		5230	20	102	5229.950	5150 to 5250	Pass
				120	5229.949	5150 to 5250	Pass
				138	5229.949	5150 to 5250	Pass
			-30	120	5229.949	5150 to 5250	Pass
			-20	120	5229.949	5150 to 5250	Pass
			-10	120	5229.949	5150 to 5250	Pass
			0	120	5229.949	5150 to 5250	Pass
			10	120	5229.949	5150 to 5250	Pass
			30	120	5229.949	5150 to 5250	Pass
			40	120	5229.949	5150 to 5250	Pass
			50	120	5229.950	5150 to 5250	Pass
		5755	20	102	5754.947	5725 to 5850	Pass
				120	5754.947	5725 to 5850	Pass
				138	5754.947	5725 to 5850	Pass
			-30	120	5754.947	5725 to 5850	Pass
			-20	120	5754.948	5725 to 5850	Pass
			-10	120	5754.944	5725 to 5850	Pass
			0	120	5754.944	5725 to 5850	Pass
			10	120	5754.944	5725 to 5850	Pass
			30	120	5754.944	5725 to 5850	Pass
			40	120	5754.944	5725 to 5850	Pass
			50	120	5754.944	5725 to 5850	Pass
		5795	20	102	5794.943	5725 to 5850	Pass
				120	5794.943	5725 to 5850	Pass
				138	5794.943	5725 to 5850	Pass
			-30	120	5794.943	5725 to 5850	Pass



			-20	120	5794.944	5725 to 5850	Pass
			-10	120	5794.944	5725 to 5850	Pass
			0	120	5794.944	5725 to 5850	Pass
			10	120	5794.944	5725 to 5850	Pass
			30	120	5794.944	5725 to 5850	Pass
			40	120	5794.944	5725 to 5850	Pass
			50	120	5794.944	5725 to 5850	Pass
		5210	20	102	5209.950	5150 to 5250	Pass
				120	5209.949	5150 to 5250	Pass
				138	5209.949	5150 to 5250	Pass
			-30	120	5209.949	5150 to 5250	Pass
			-20	120	5209.949	5150 to 5250	Pass
			-10	120	5209.949	5150 to 5250	Pass
			0	120	5209.949	5150 to 5250	Pass
			10	120	5209.949	5150 to 5250	Pass
			30	120	5209.949	5150 to 5250	Pass
			40	120	5209.949	5150 to 5250	Pass
			50	120	5209.949	5150 to 5250	Pass
		5775	20	102	5774.944	5725 to 5850	Pass
				120	5774.944	5725 to 5850	Pass
				138	5774.944	5725 to 5850	Pass
			-30	120	5774.944	5725 to 5850	Pass
			-20	120	5774.944	5725 to 5850	Pass
			-10	120	5774.944	5725 to 5850	Pass
			0	120	5774.944	5725 to 5850	Pass
			10	120	5774.944	5725 to 5850	Pass
			30	120	5774.944	5725 to 5850	Pass
			40	120	5774.944	5725 to 5850	Pass
			50	120	5774.944	5725 to 5850	Pass