1. Bandwidth

1.1 OBW

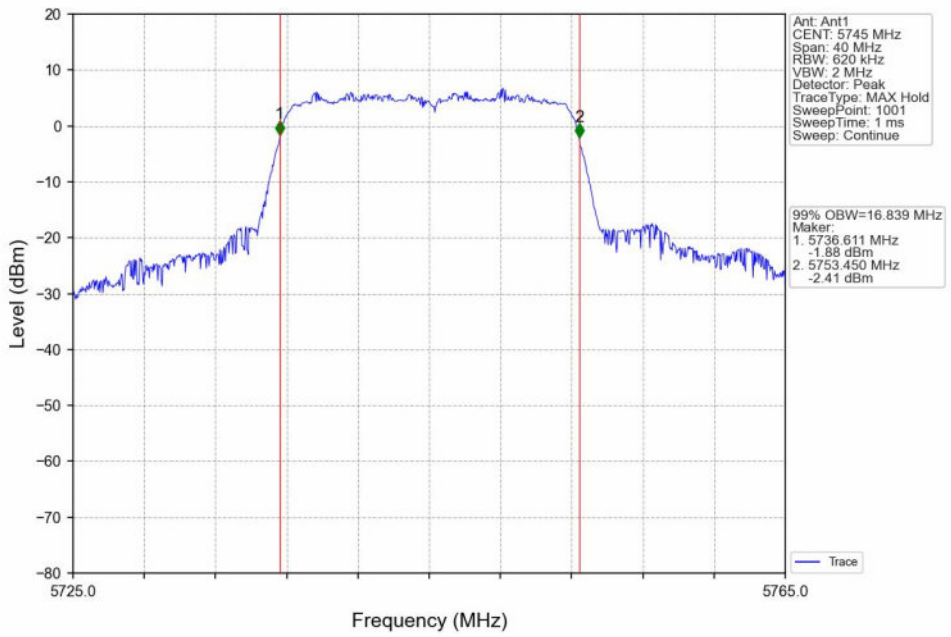
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.839	/	Pass
		5785	1	16.877	/	Pass
		5825	1	16.792	/	Pass
802.11n (HT20)	SISO	5745	1	17.888	/	Pass
		5785	1	17.949	/	Pass
		5825	1	17.875	/	Pass
802.11n (HT40)	SISO	5755	1	37.077	/	Pass
		5795	1	36.931	/	Pass
802.11ac (VHT20)	SISO	5745	1	17.862	/	Pass
		5785	1	17.882	/	Pass
		5825	1	17.825	/	Pass
802.11ac (VHT40)	SISO	5755	1	36.761	/	Pass
		5795	1	36.678	/	Pass
802.11ac (VHT80)	SISO	5775	1	75.213	/	Pass

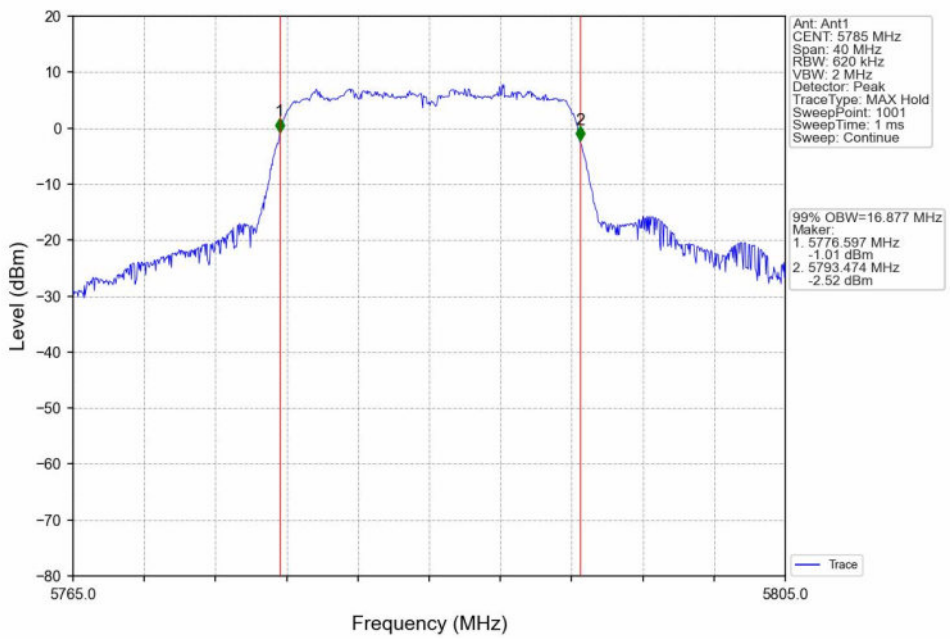
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	2	16.741	/	Pass
		5785	2	16.735	/	Pass
		5825	2	16.710	/	Pass
802.11n (HT20)	SISO	5745	2	17.809	/	Pass
		5785	2	17.804	/	Pass
		5825	2	17.794	/	Pass
802.11n (HT40)	SISO	5755	2	36.662	/	Pass
		5795	2	36.627	/	Pass
802.11ac (VHT20)	SISO	5745	2	17.784	/	Pass
		5785	2	17.802	/	Pass
		5825	2	17.776	/	Pass
802.11ac (VHT40)	SISO	5755	2	36.403	/	Pass
		5795	2	36.401	/	Pass
802.11ac (VHT80)	SISO	5775	2	74.950	/	Pass

1.1.2 Test Graph

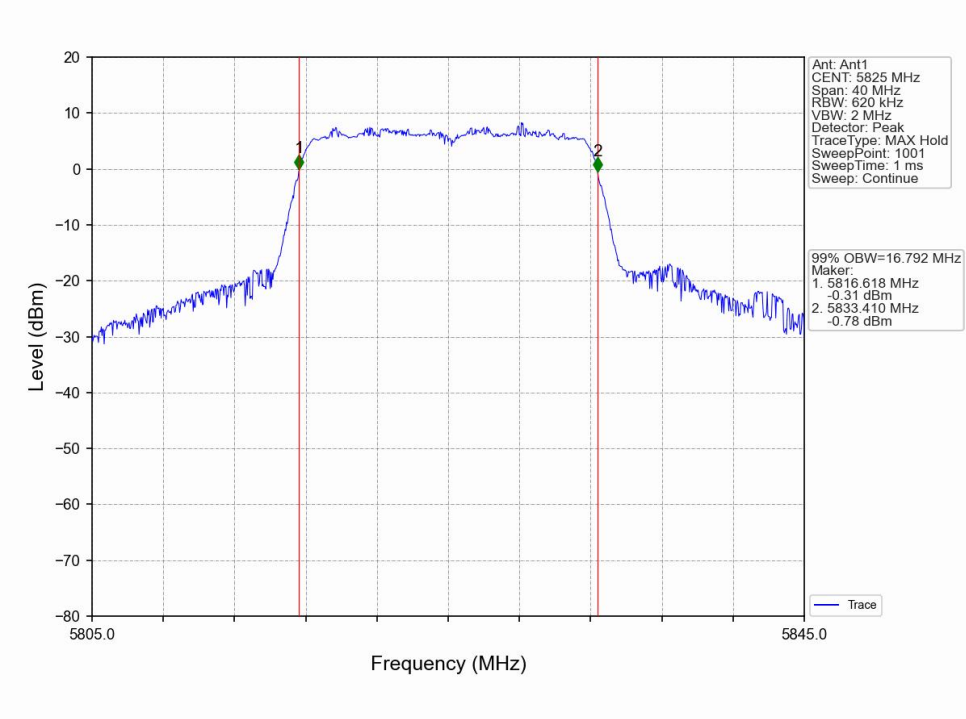
802.11a_LCH_5745MHz_Ant1_NTNV



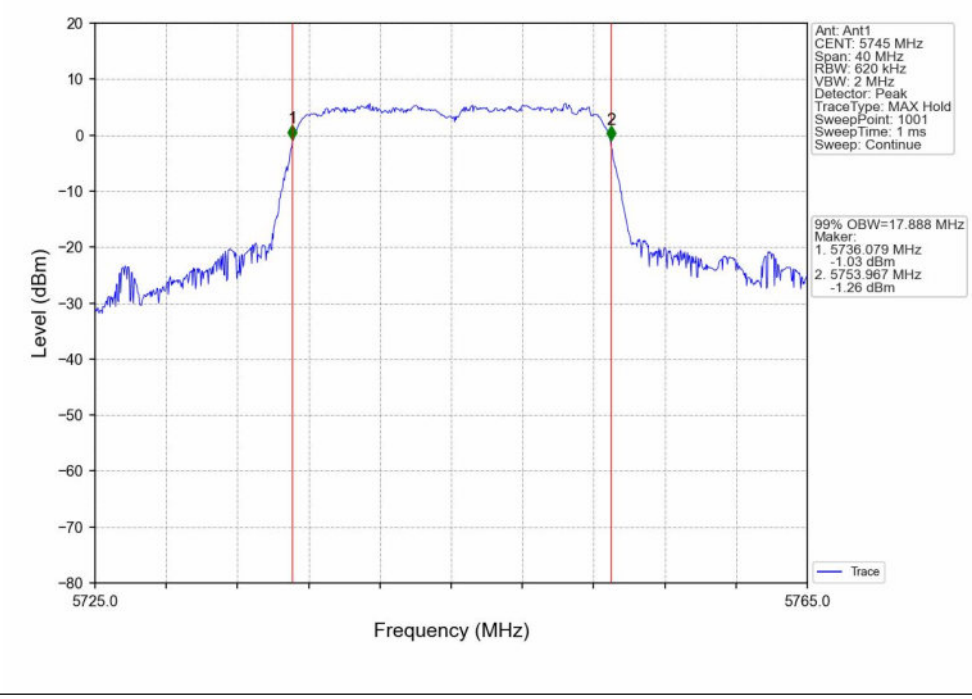
802.11a_MCH_5785MHz_Ant1_NTNV



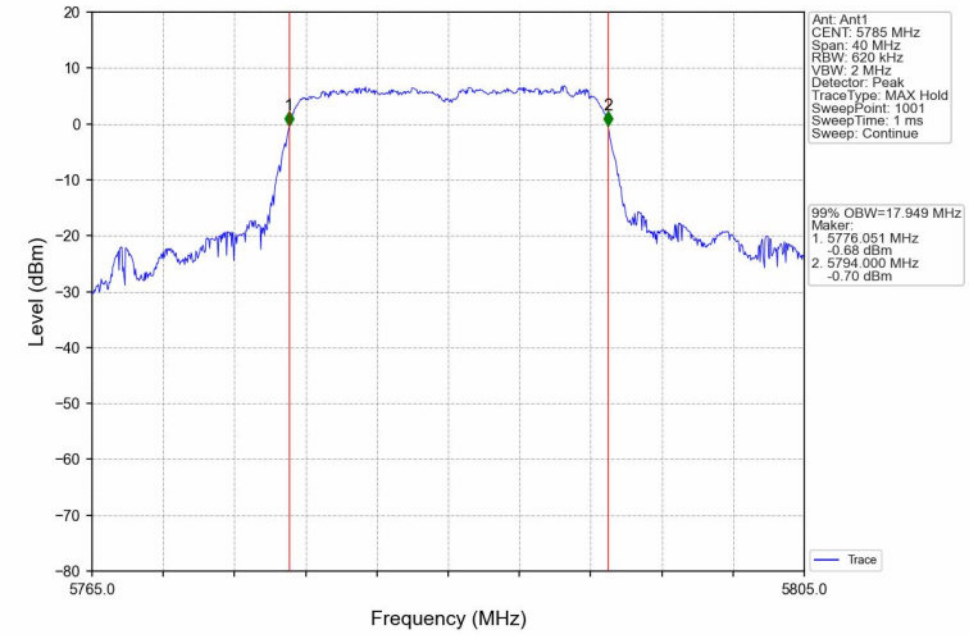
802.11a_HCH_5825MHz_Ant1_NTNV



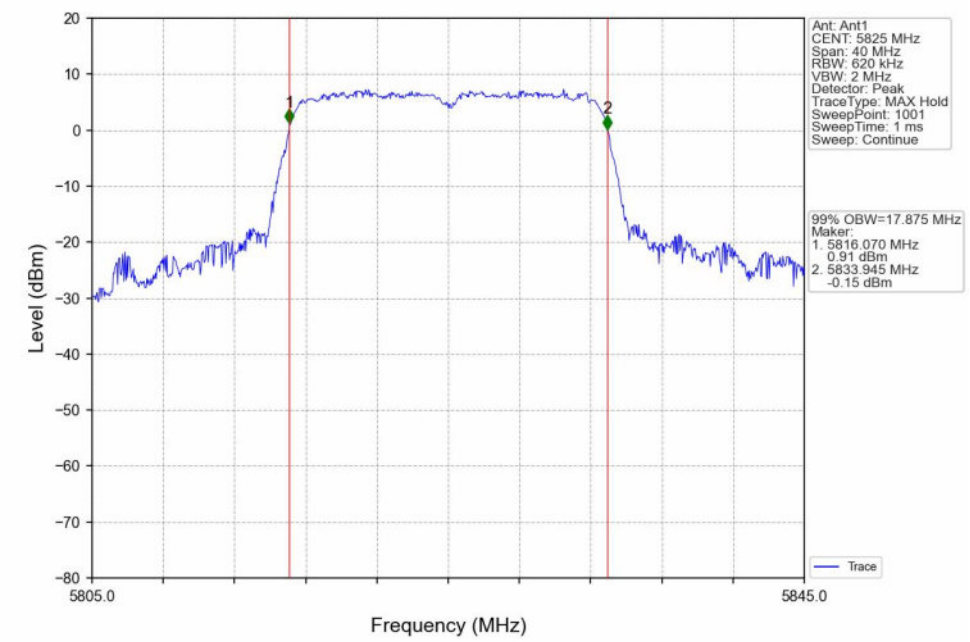
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



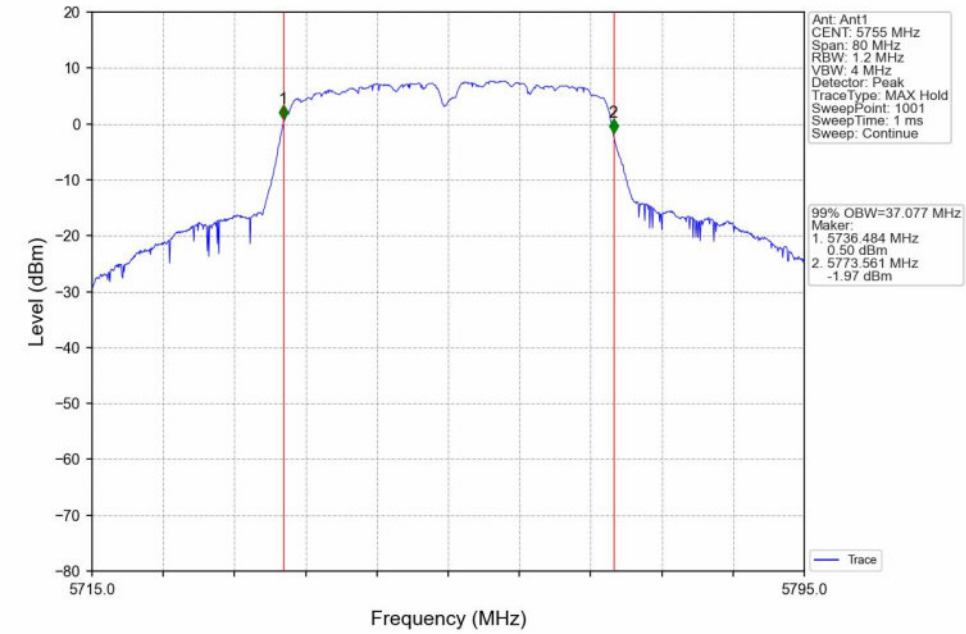
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



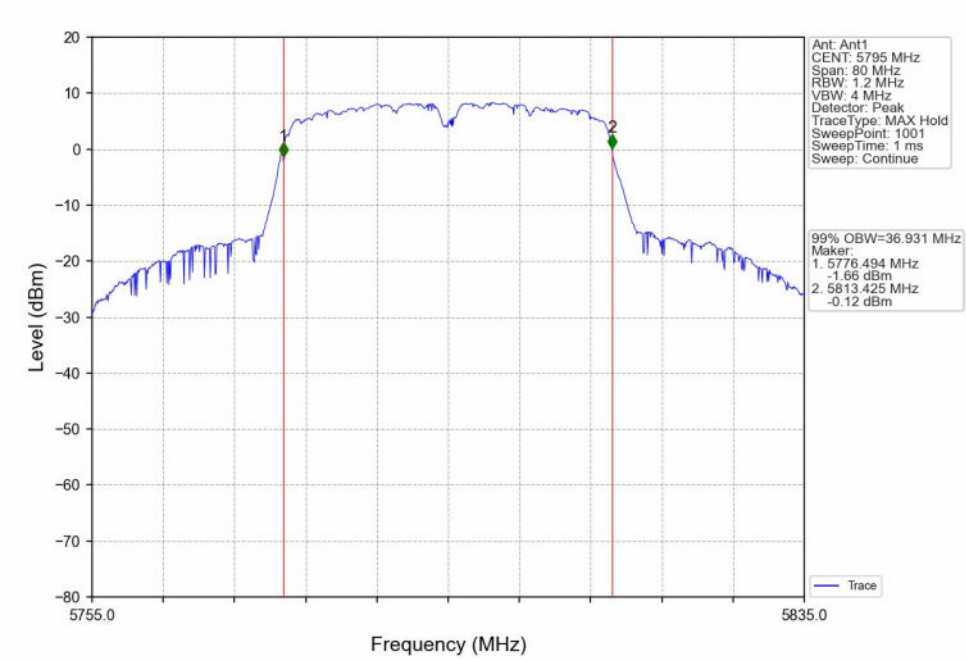
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



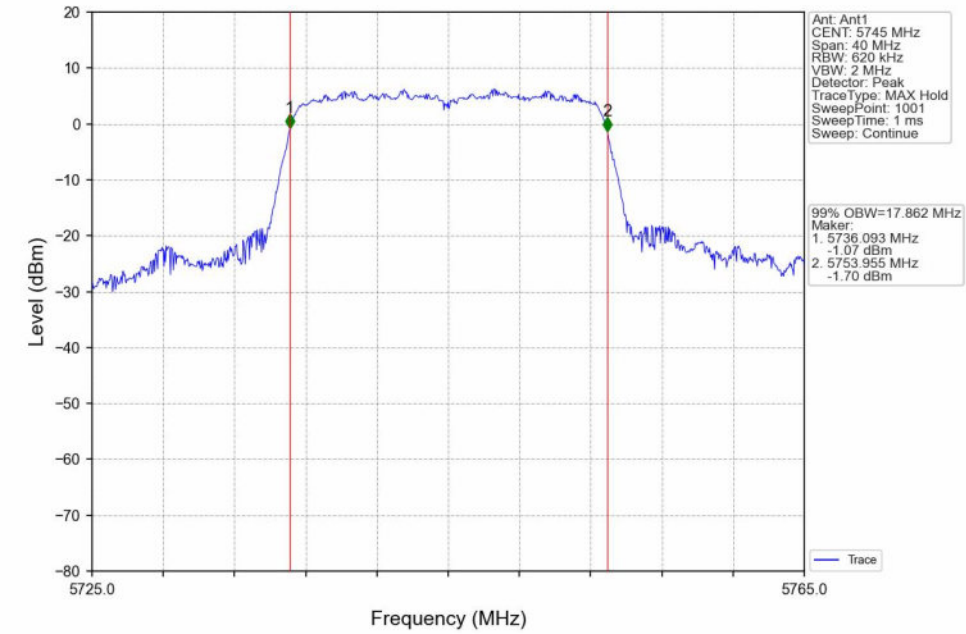
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



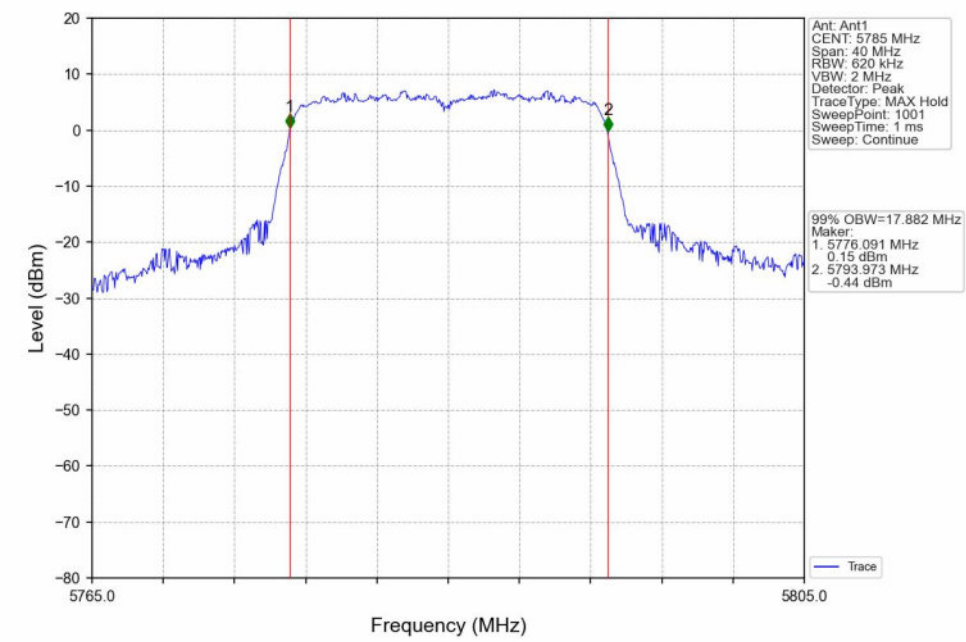
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



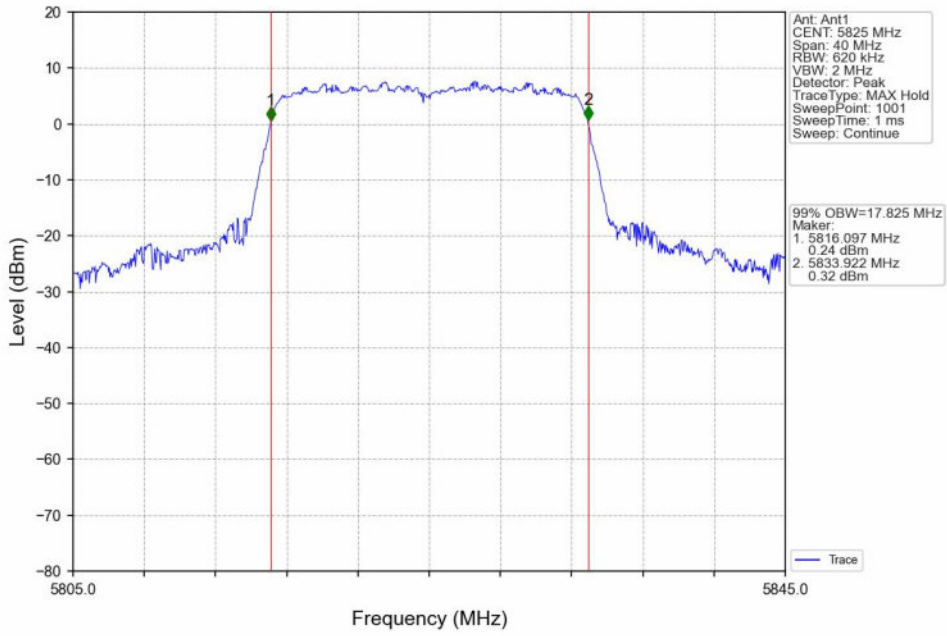
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



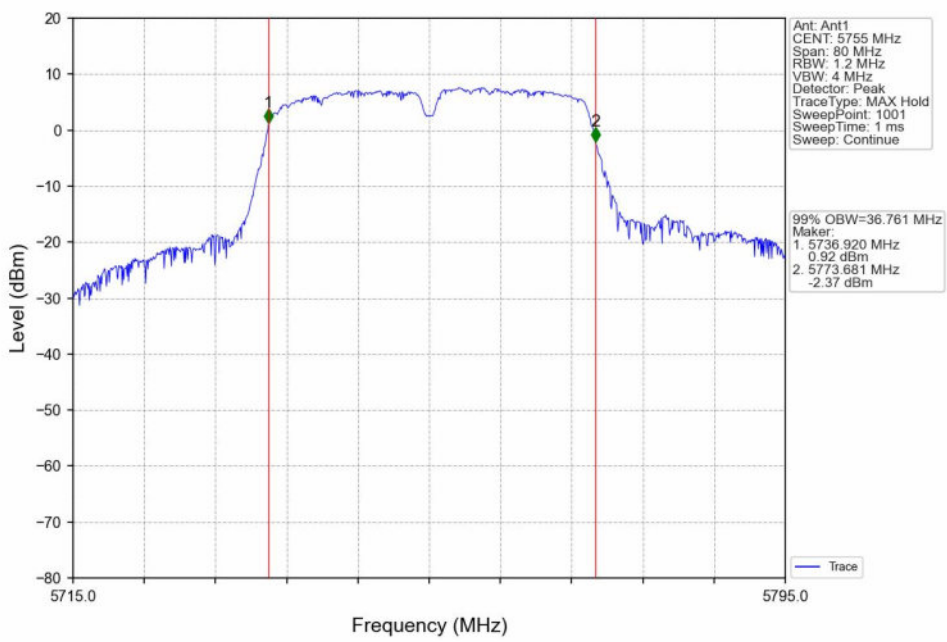
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



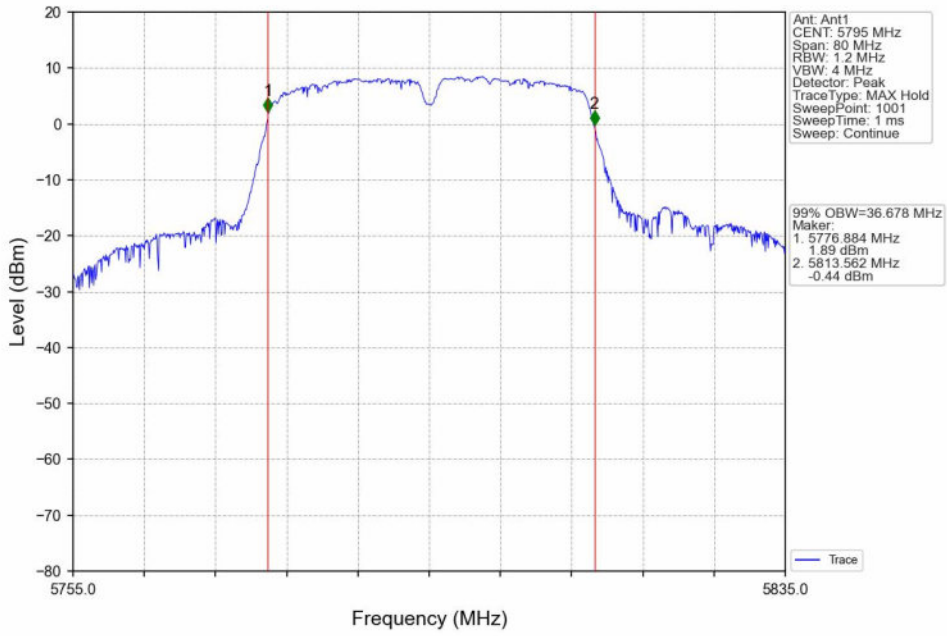
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



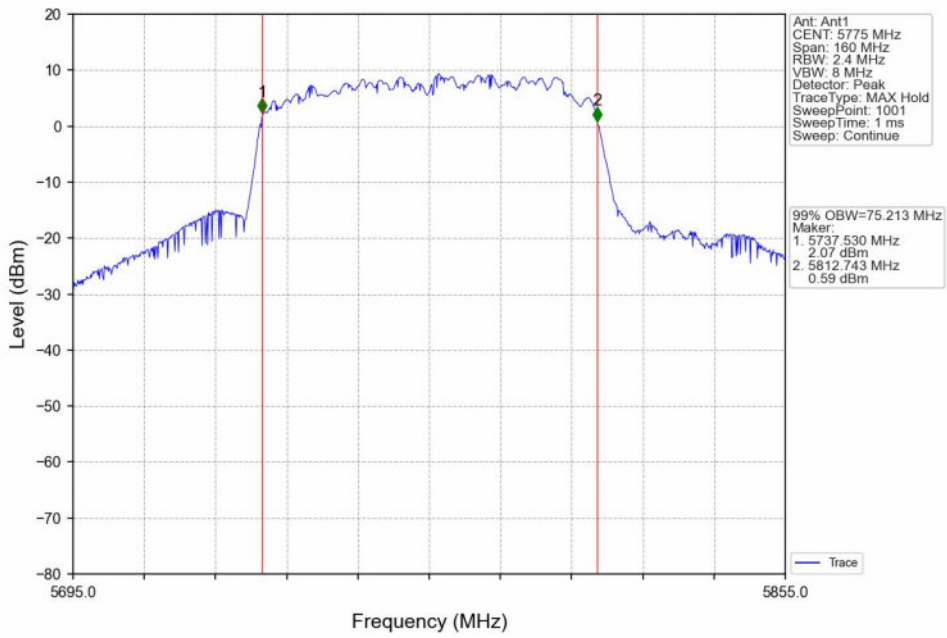
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



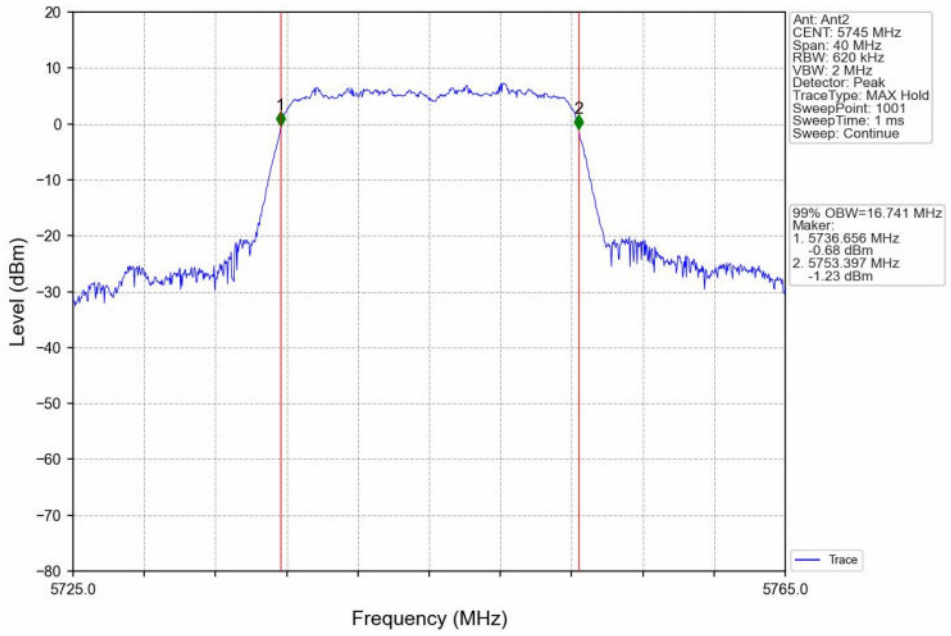
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



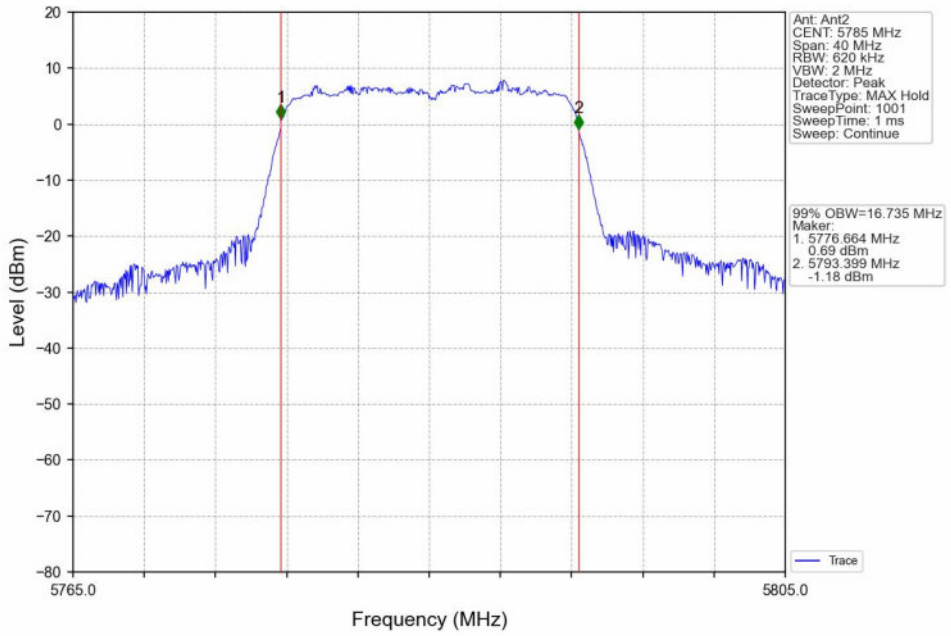
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



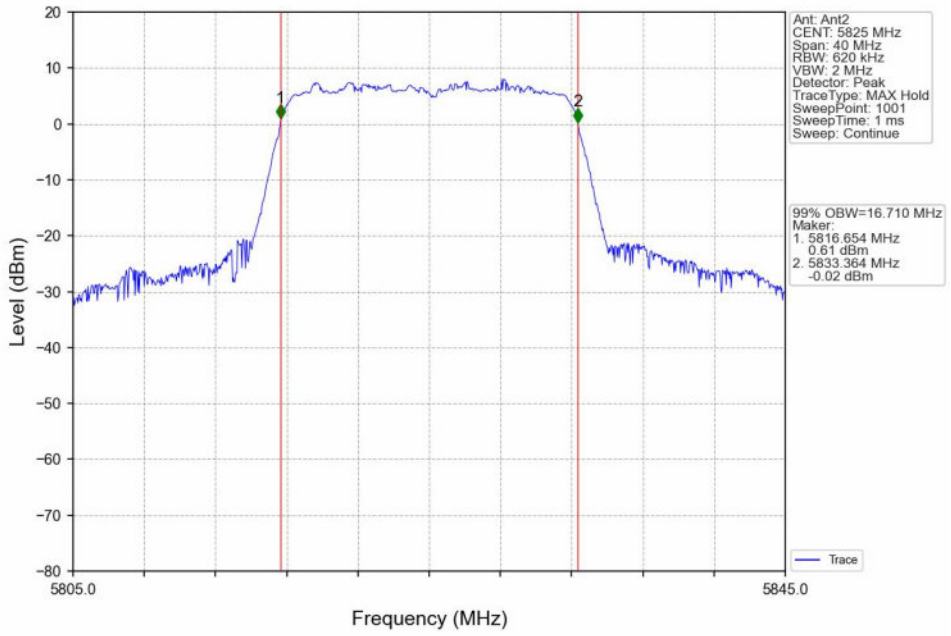
802.11a_LCH_5745MHz_Ant2_NTNV



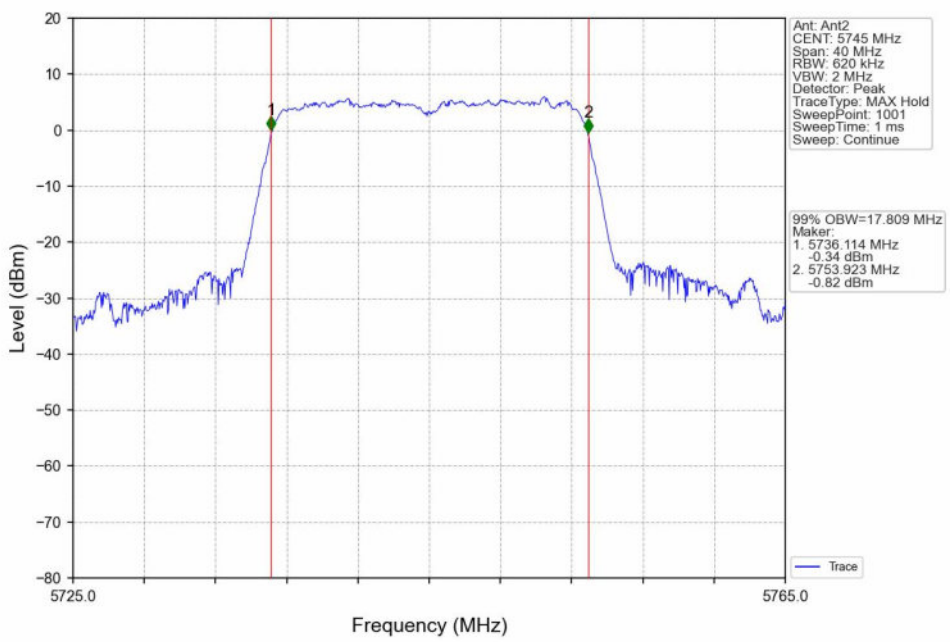
802.11a_MCH_5785MHz_Ant2_NTNV



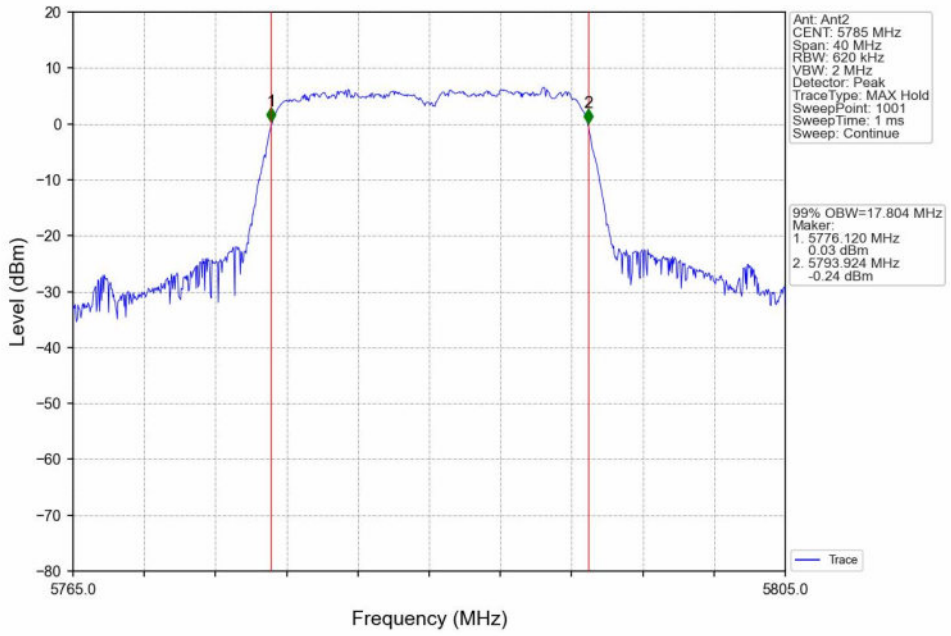
802.11a_HCH_5825MHz_Ant2_NTNV



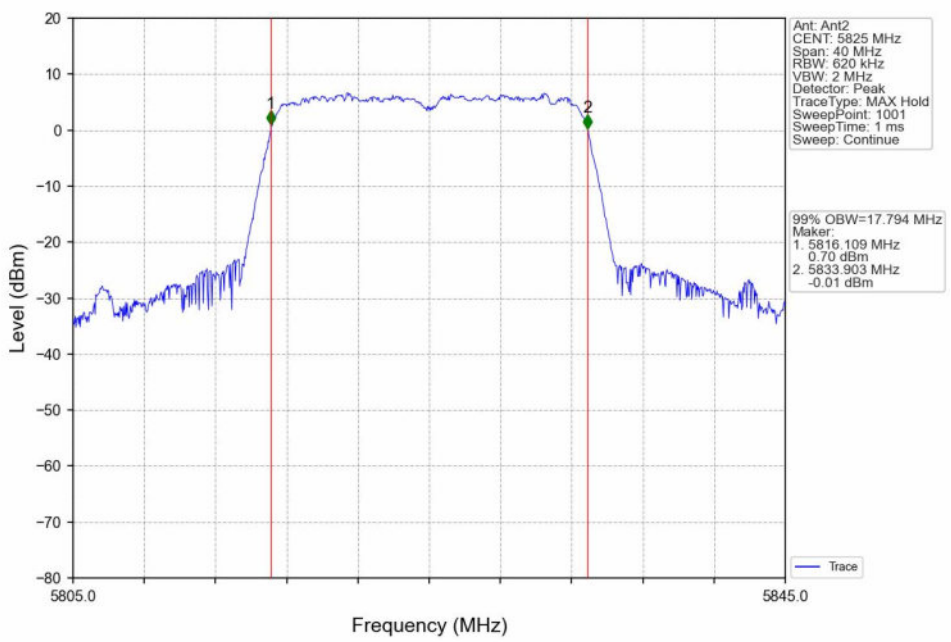
802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



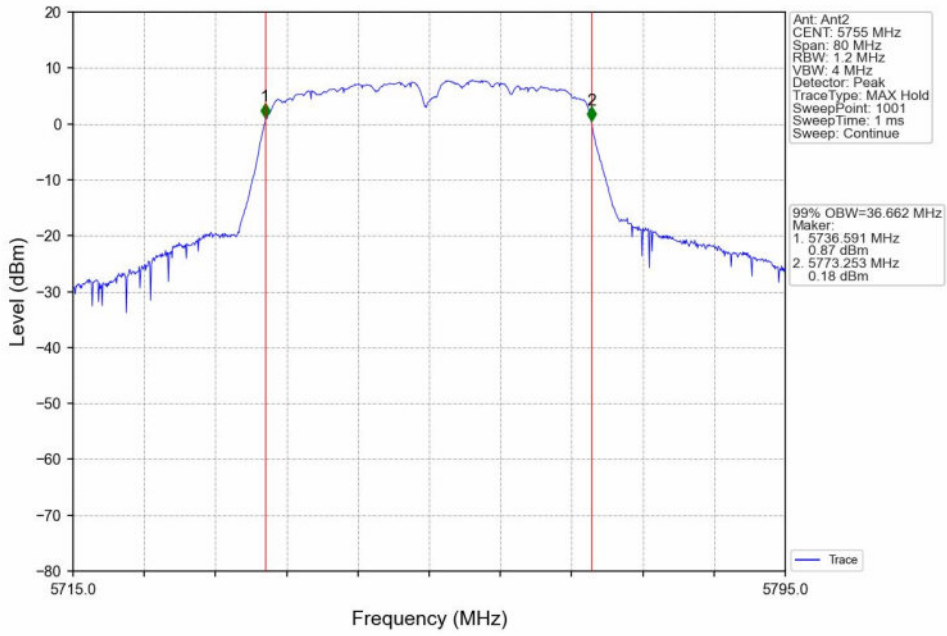
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



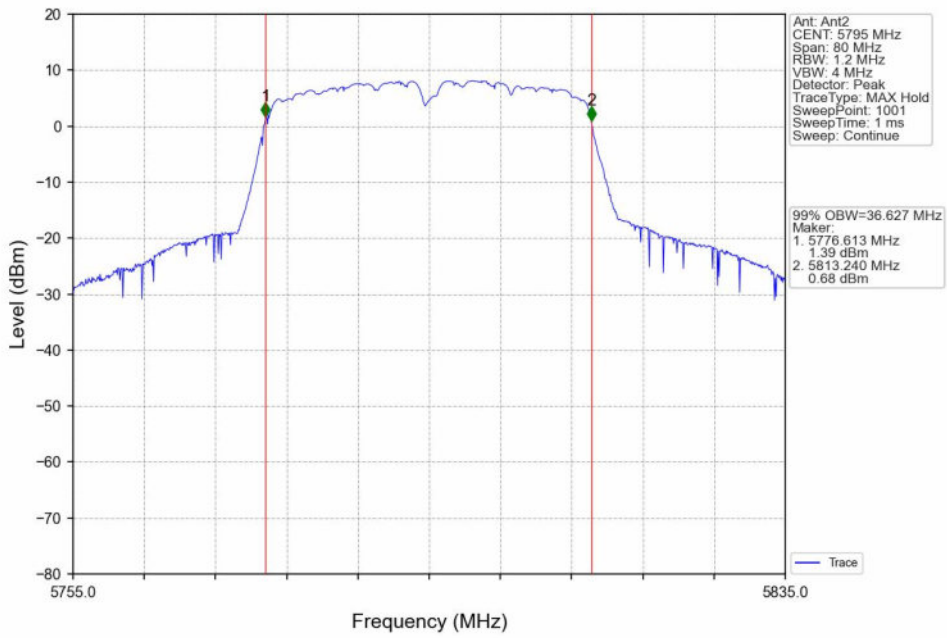
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



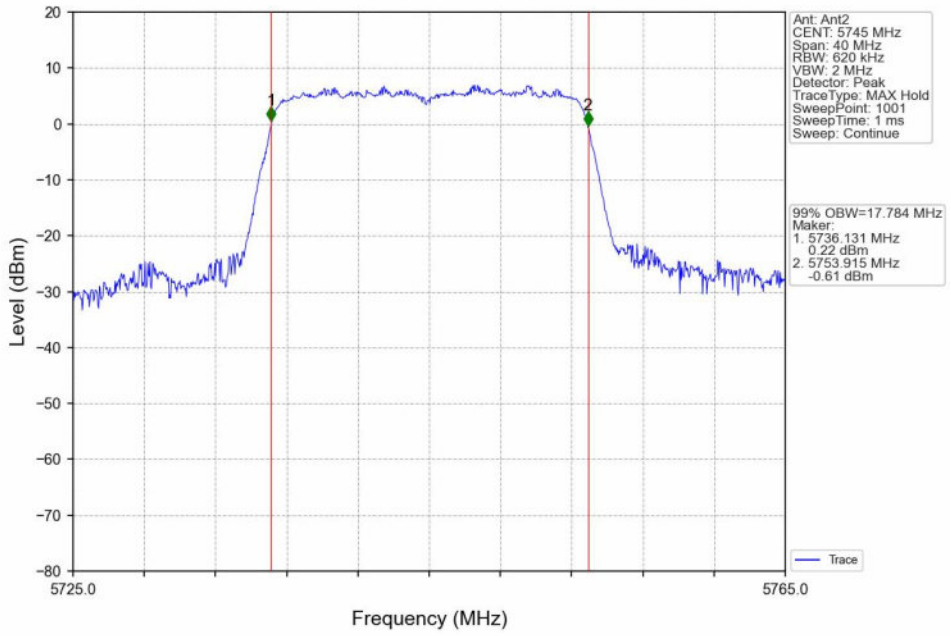
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



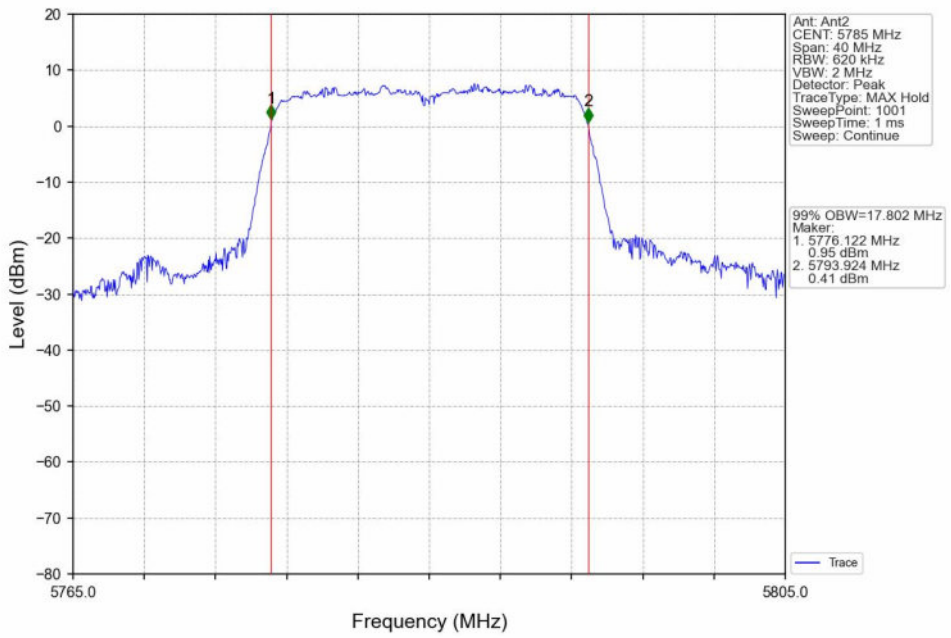
802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



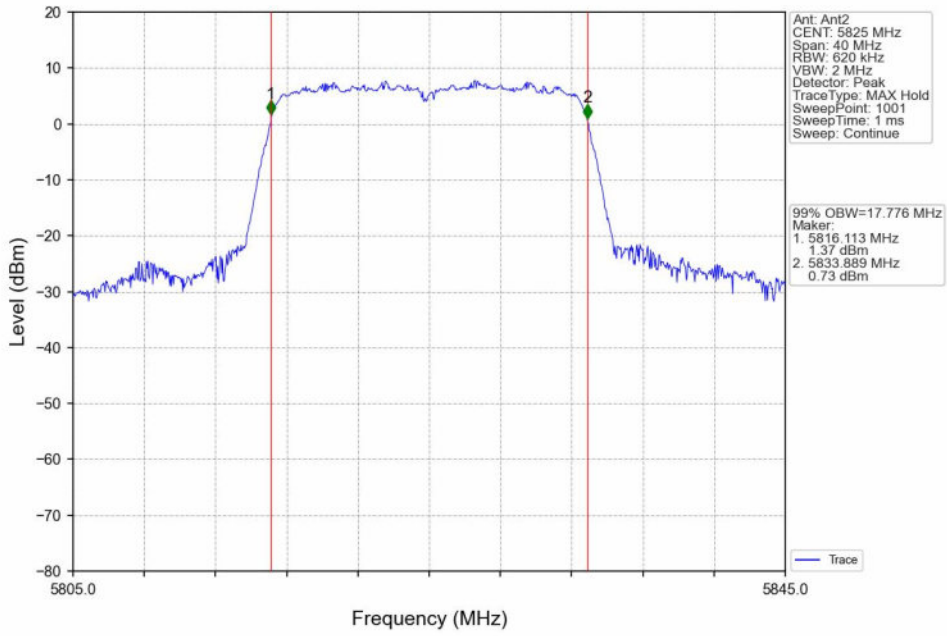
802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



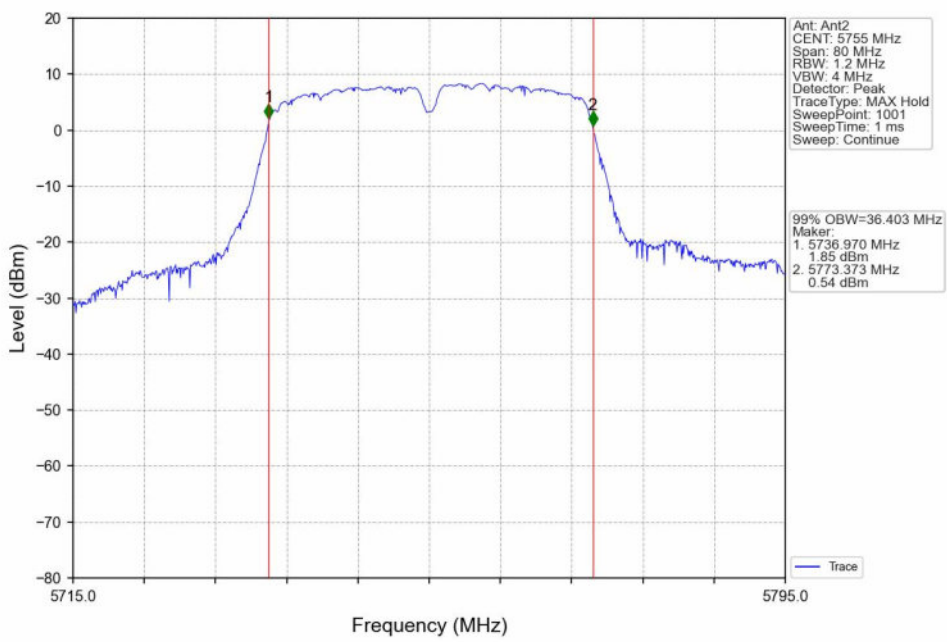
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



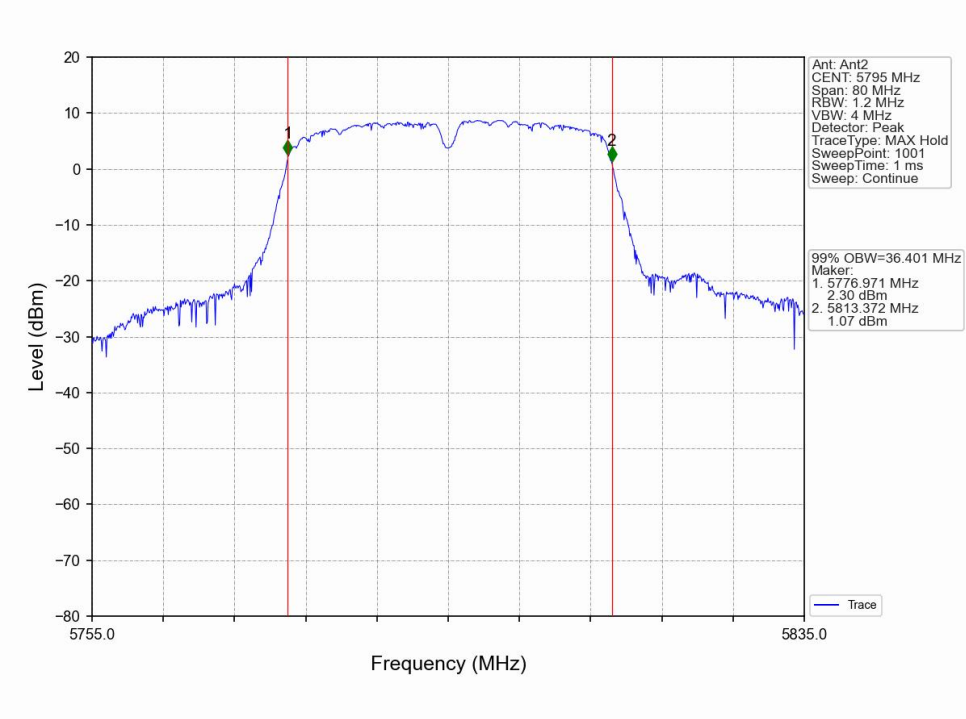
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



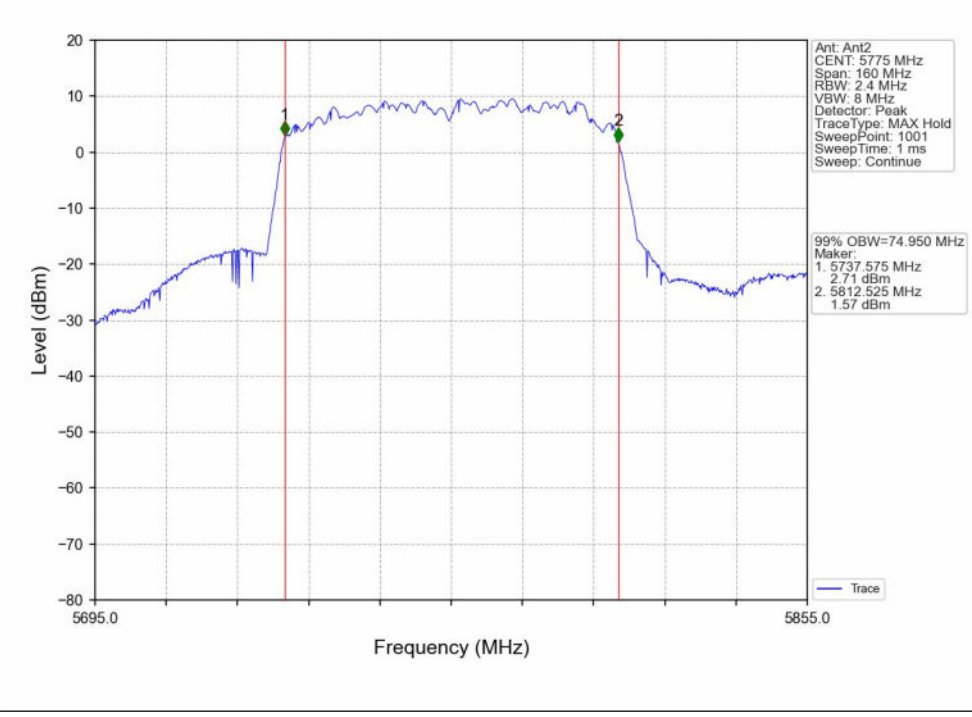
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



1.2 6dB BW

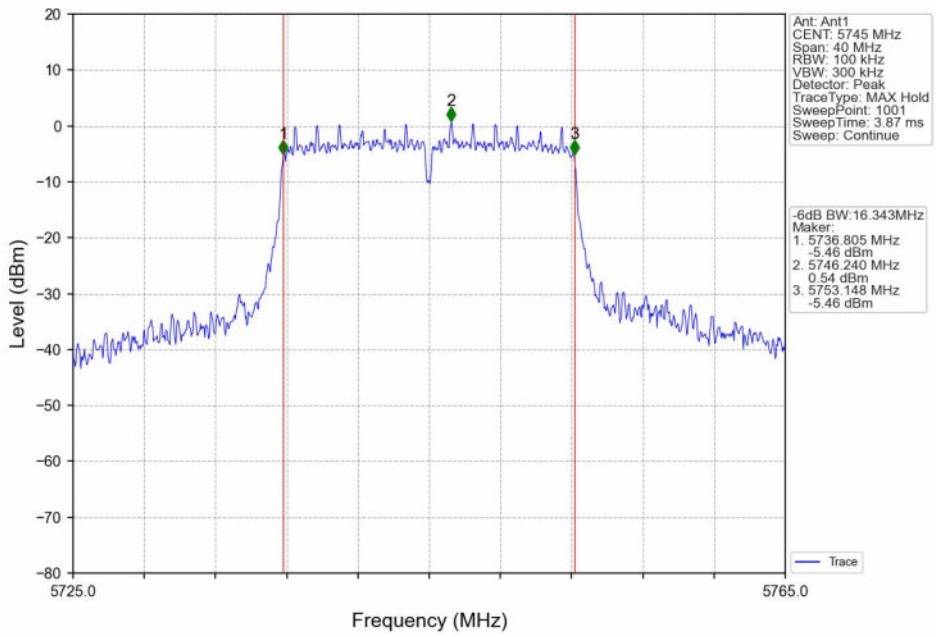
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.343	>=0.5	Pass
		5785	1	16.301	>=0.5	Pass
		5825	1	16.351	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.578	>=0.5	Pass
		5785	1	17.582	>=0.5	Pass
		5825	1	17.575	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	35.364	>=0.5	Pass
		5795	1	35.199	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.568	>=0.5	Pass
		5785	1	17.575	>=0.5	Pass
		5825	1	17.119	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.375	>=0.5	Pass
		5795	1	35.205	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	73.841	>=0.5	Pass

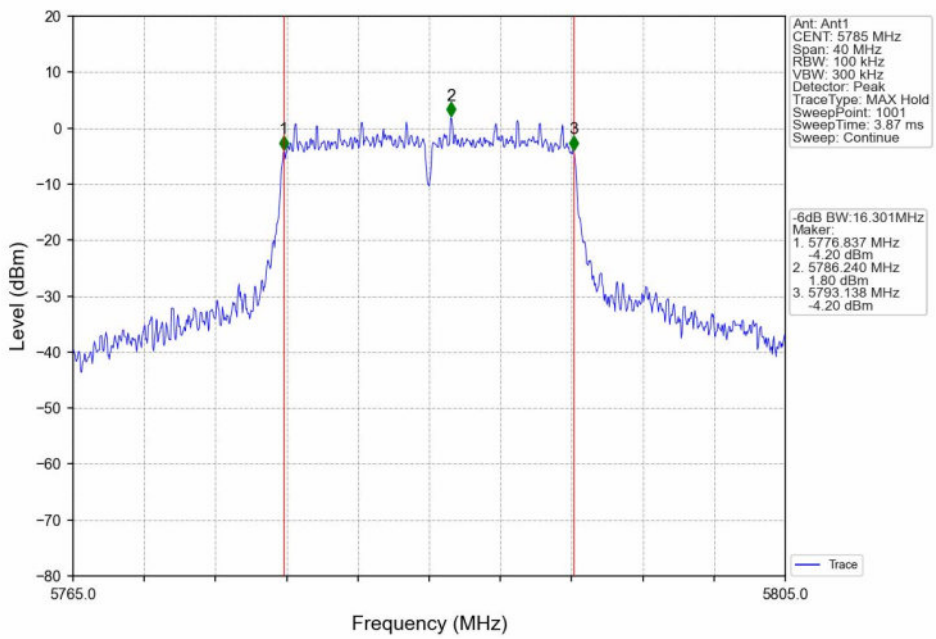
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	2	16.360	>=0.5	Pass
		5785	2	16.317	>=0.5	Pass
		5825	2	16.320	>=0.5	Pass
802.11n (HT20)	SISO	5745	2	17.364	>=0.5	Pass
		5785	2	17.332	>=0.5	Pass
		5825	2	17.100	>=0.5	Pass
802.11n (HT40)	SISO	5755	2	35.166	>=0.5	Pass
		5795	2	35.184	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	2	17.576	>=0.5	Pass
		5785	2	17.311	>=0.5	Pass
		5825	2	17.106	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	2	35.152	>=0.5	Pass
		5795	2	35.161	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	2	75.069	>=0.5	Pass

1.2.2 Test Graph

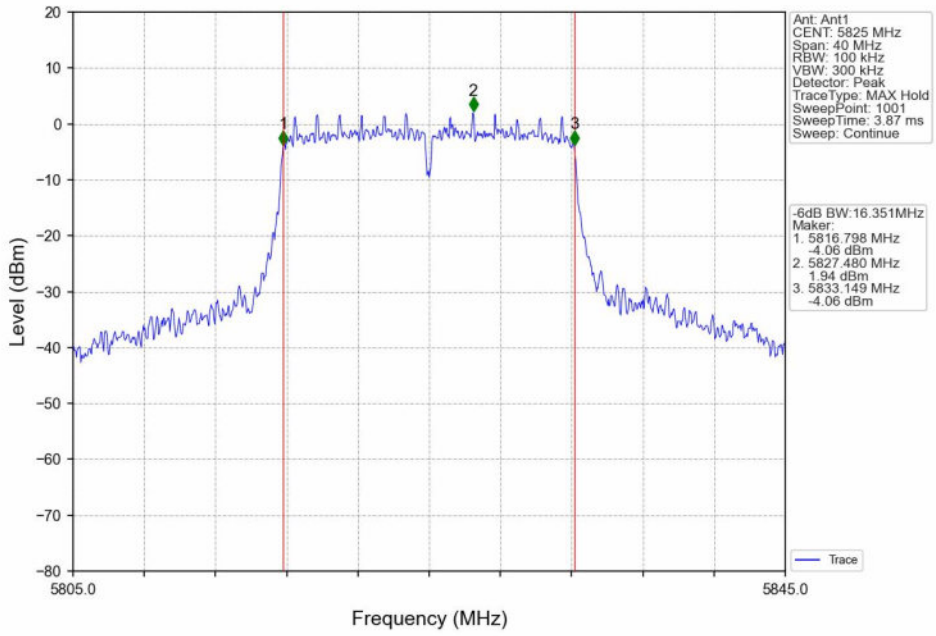
802.11a_LCH_5745MHz_Ant1_NTNV



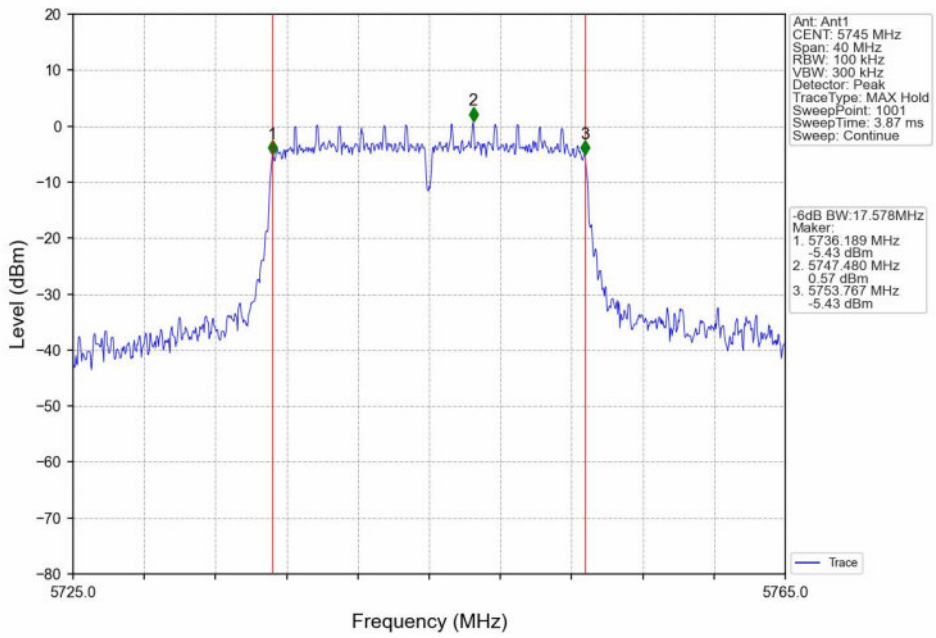
802.11a_MCH_5785MHz_Ant1_NTNV



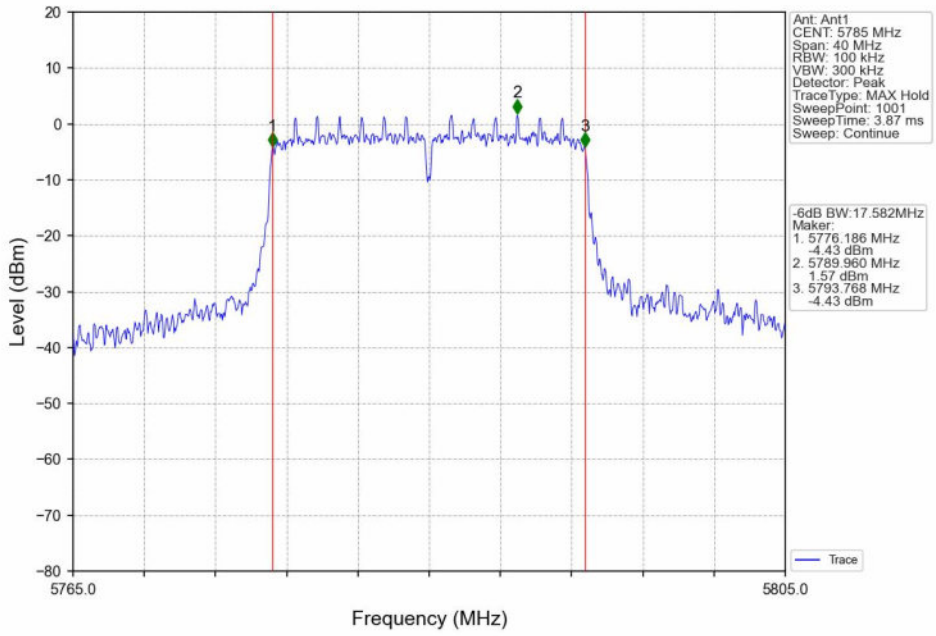
802.11a_HCH_5825MHz_Ant1_NTNV



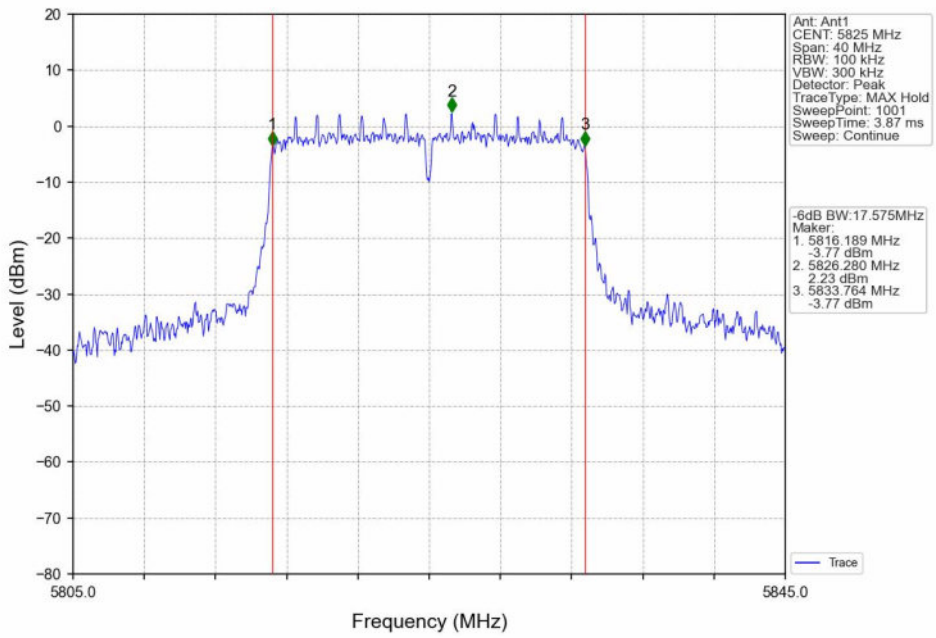
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



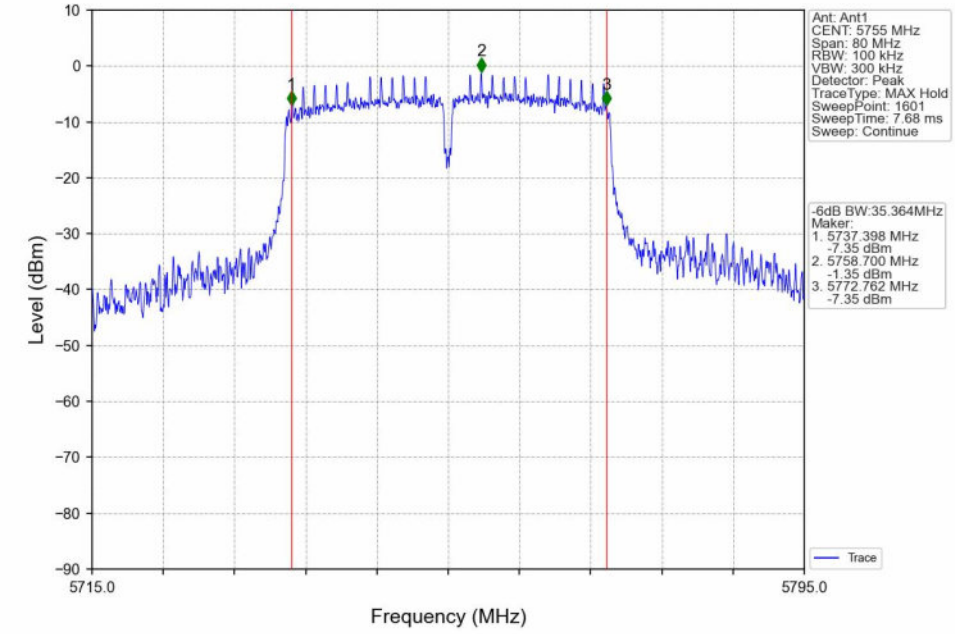
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



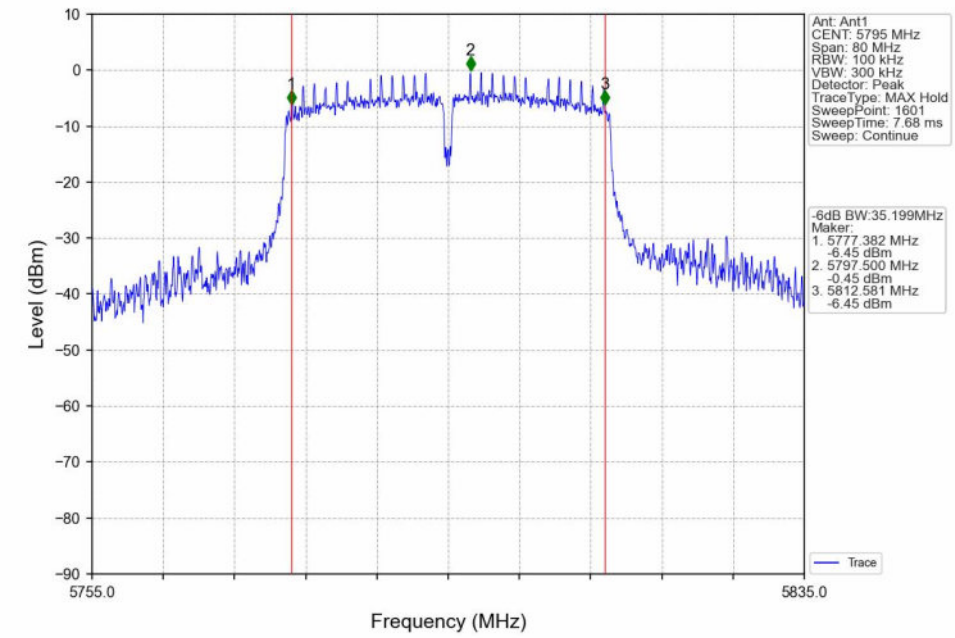
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



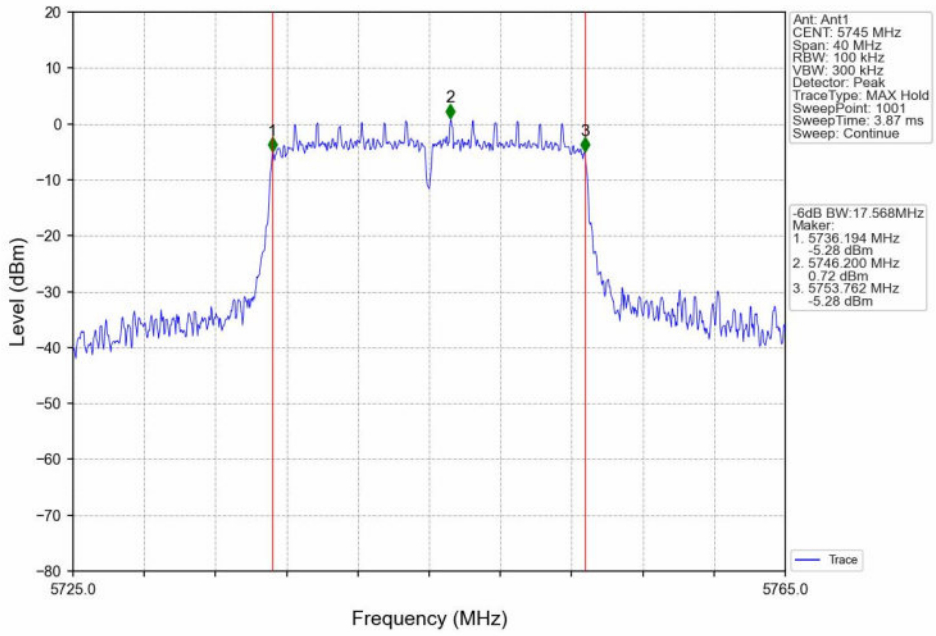
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



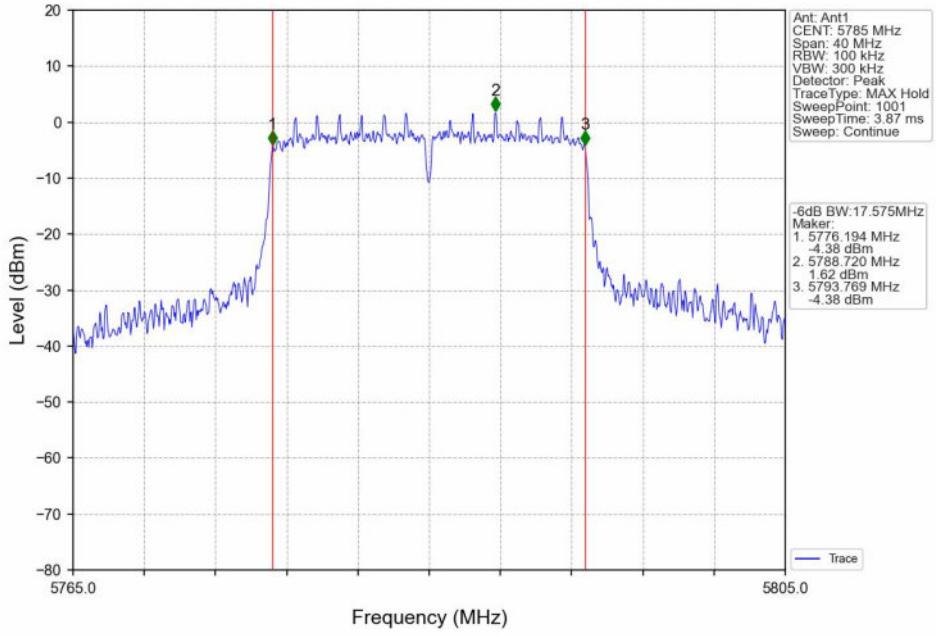
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



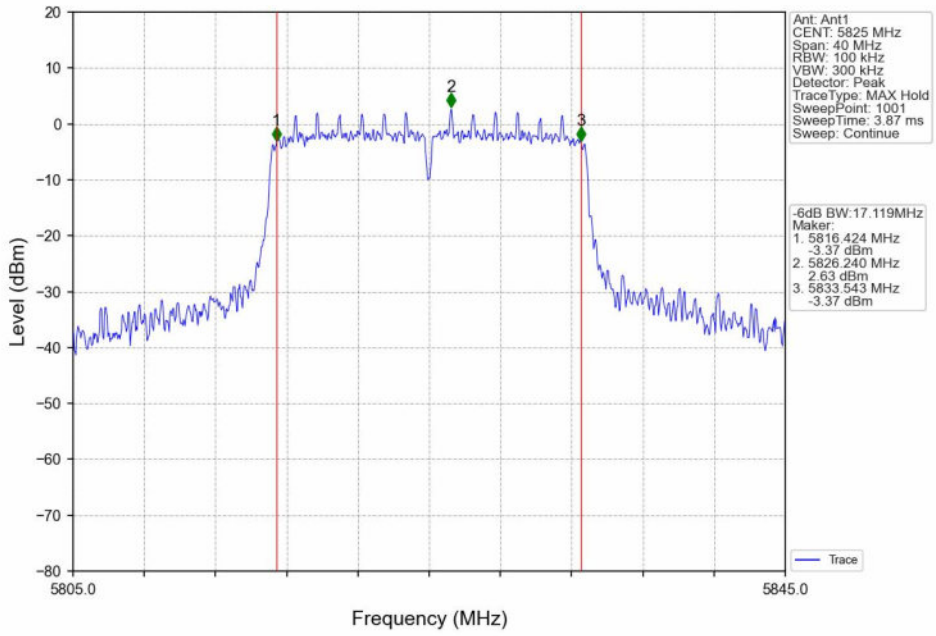
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



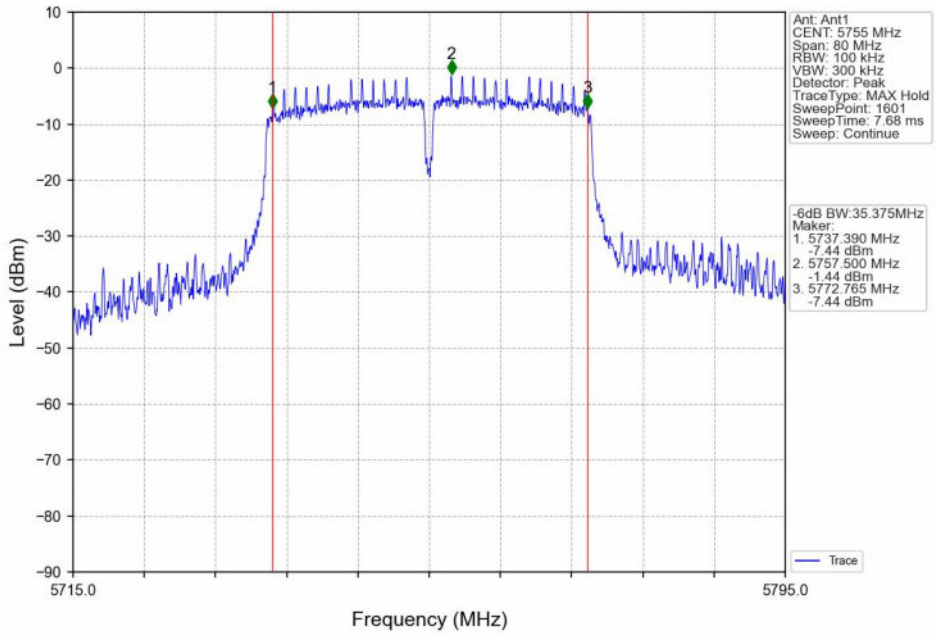
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



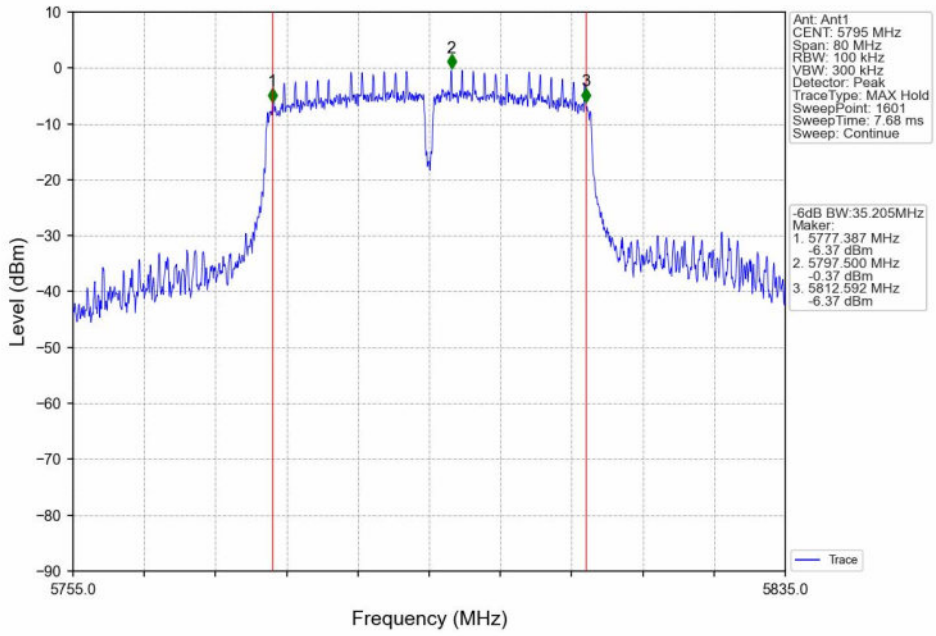
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



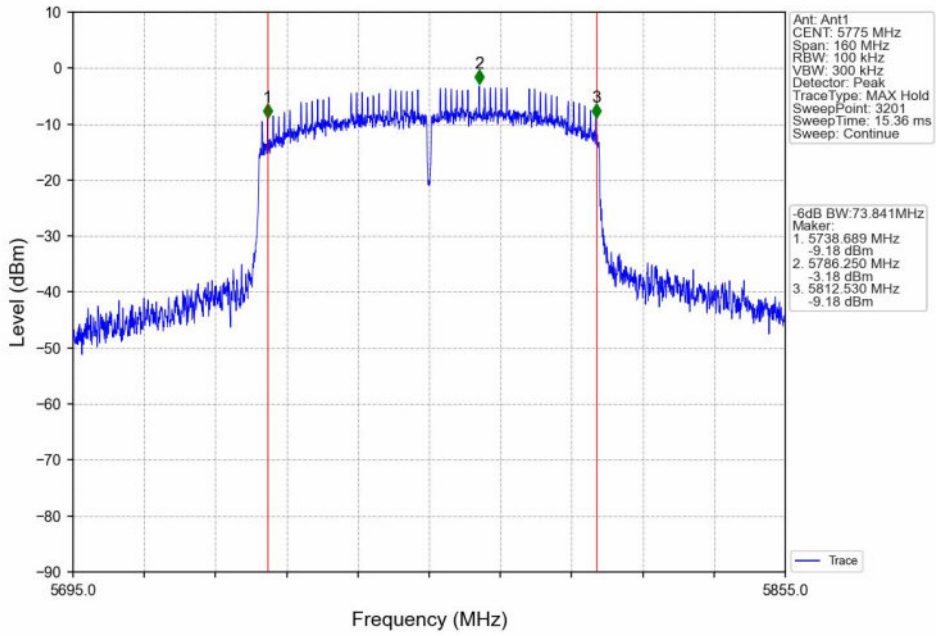
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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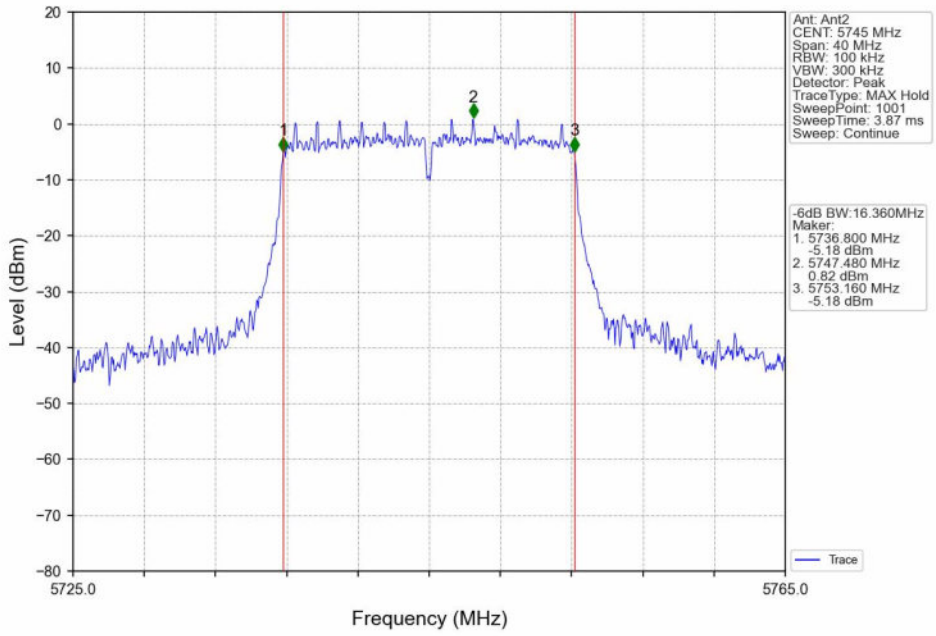

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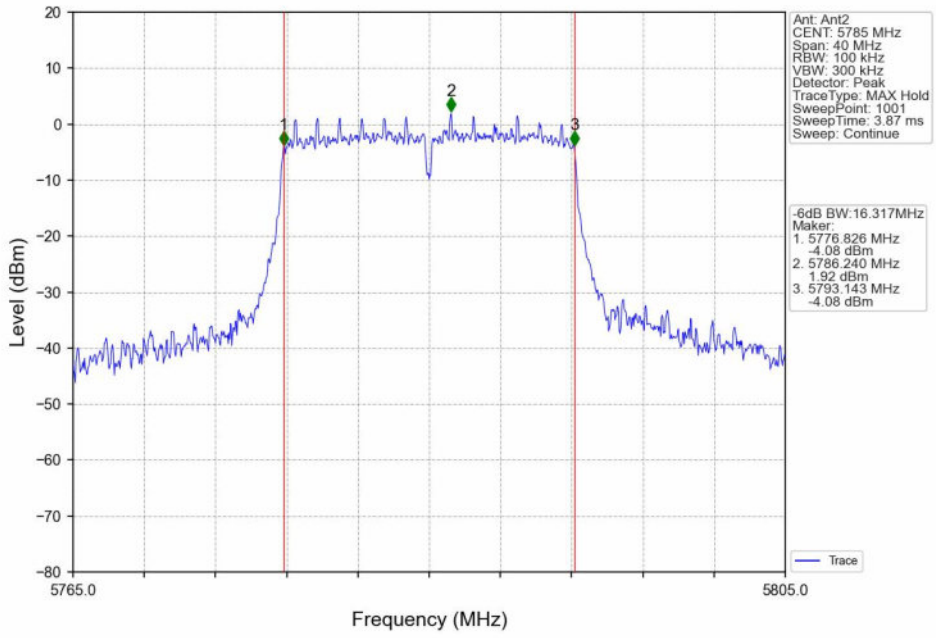
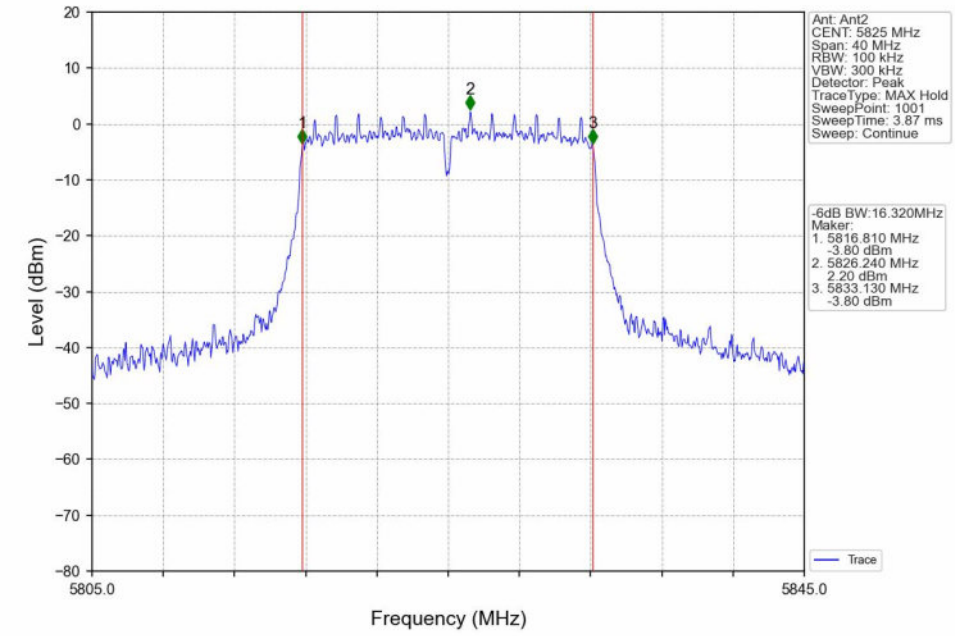
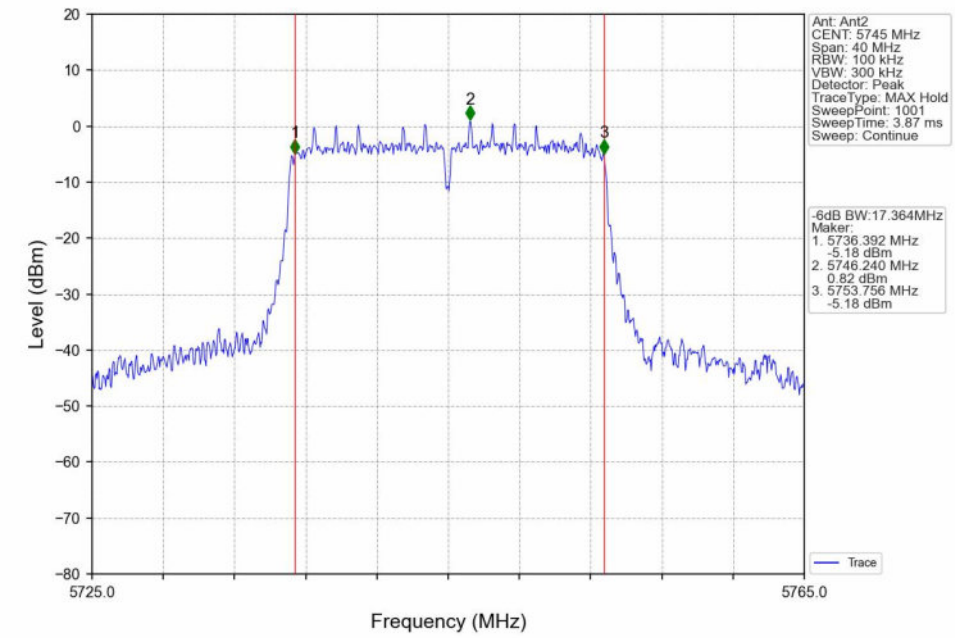


802.11a_HCH_5825MHz_Ant2_NTNV



802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



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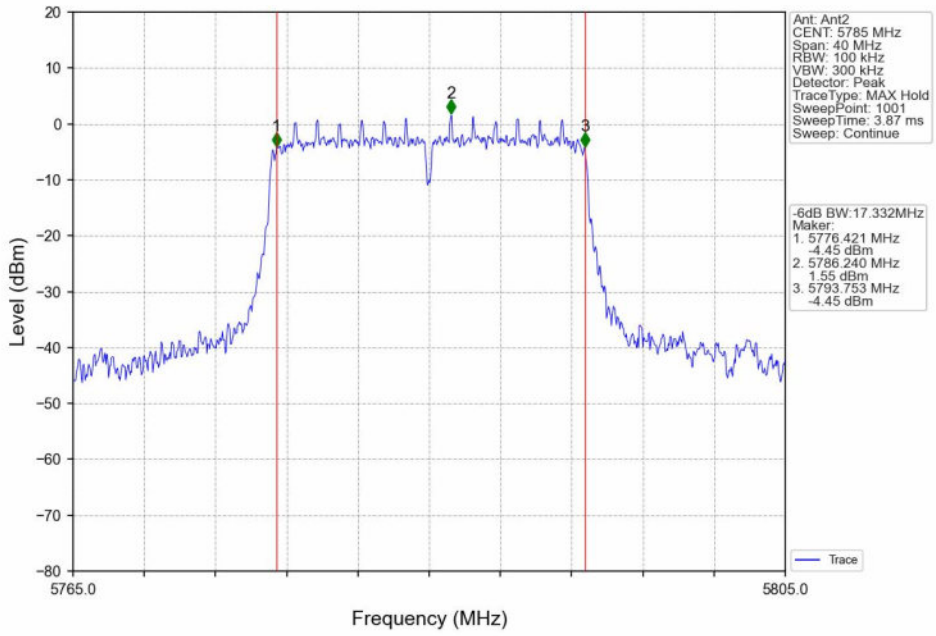

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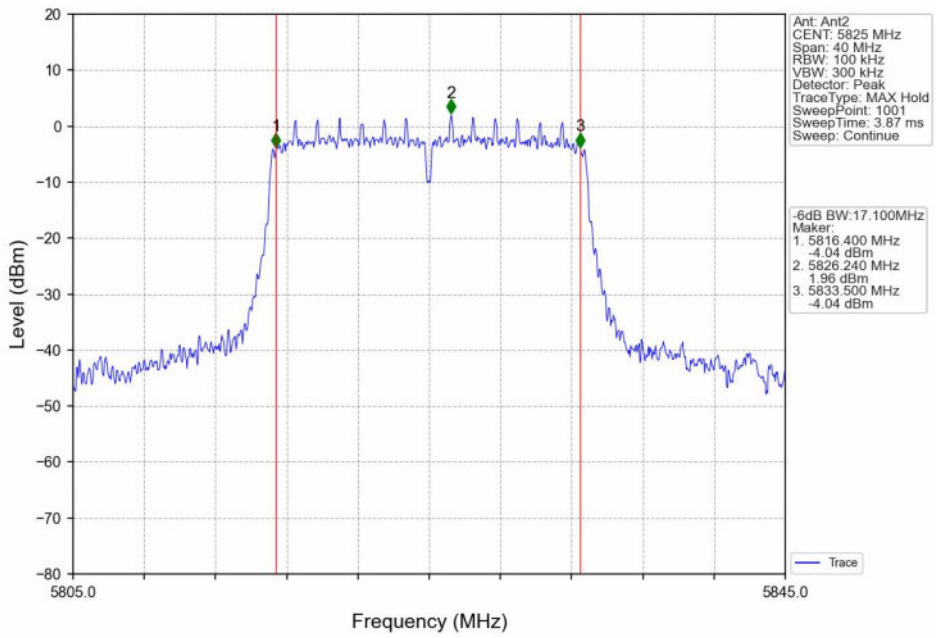
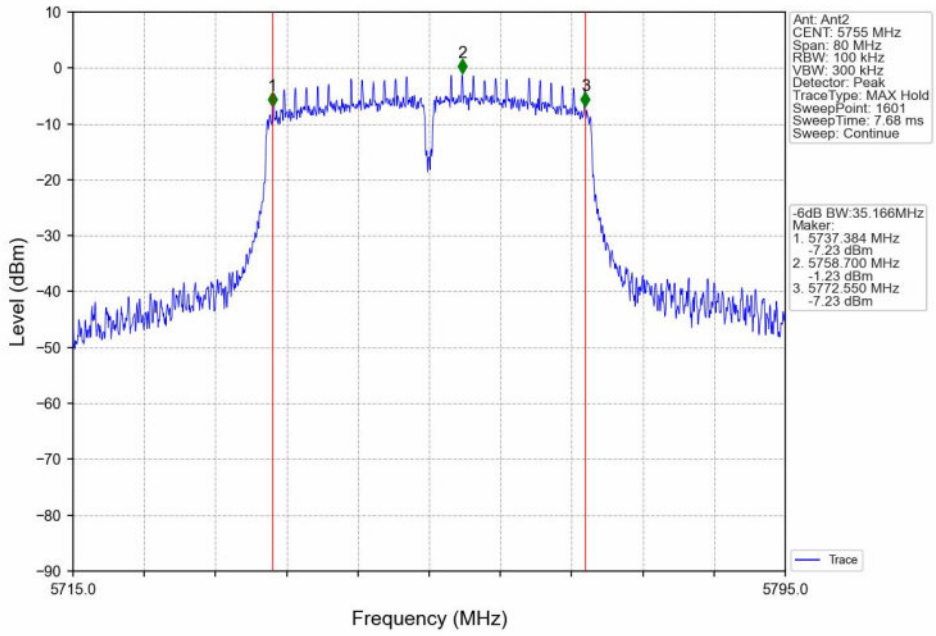


802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



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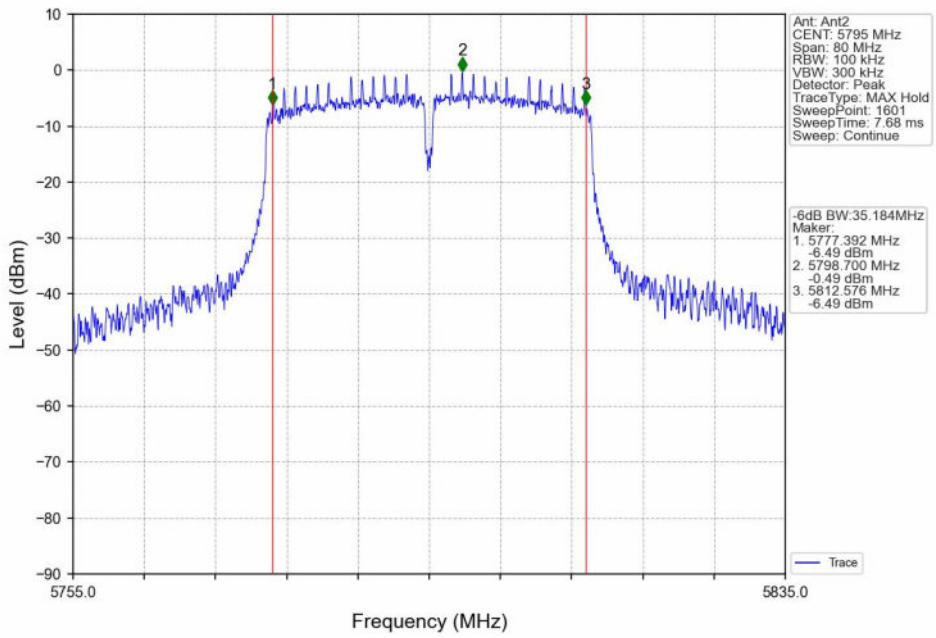

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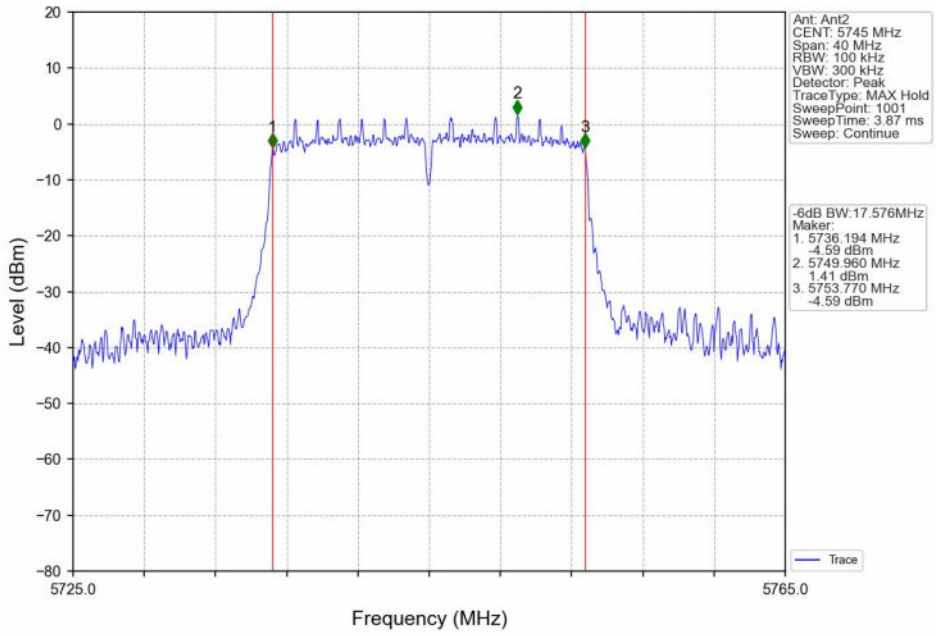

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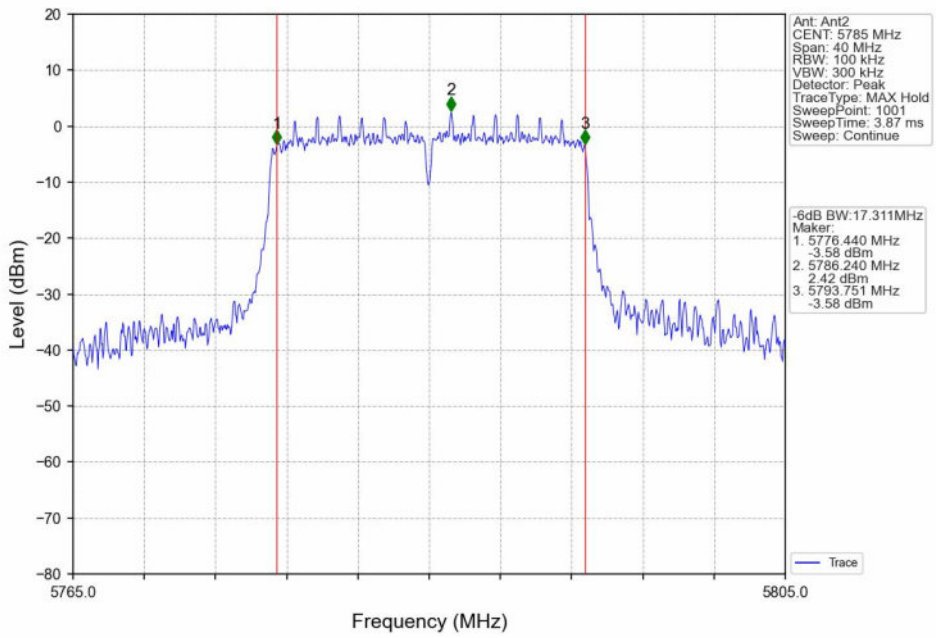

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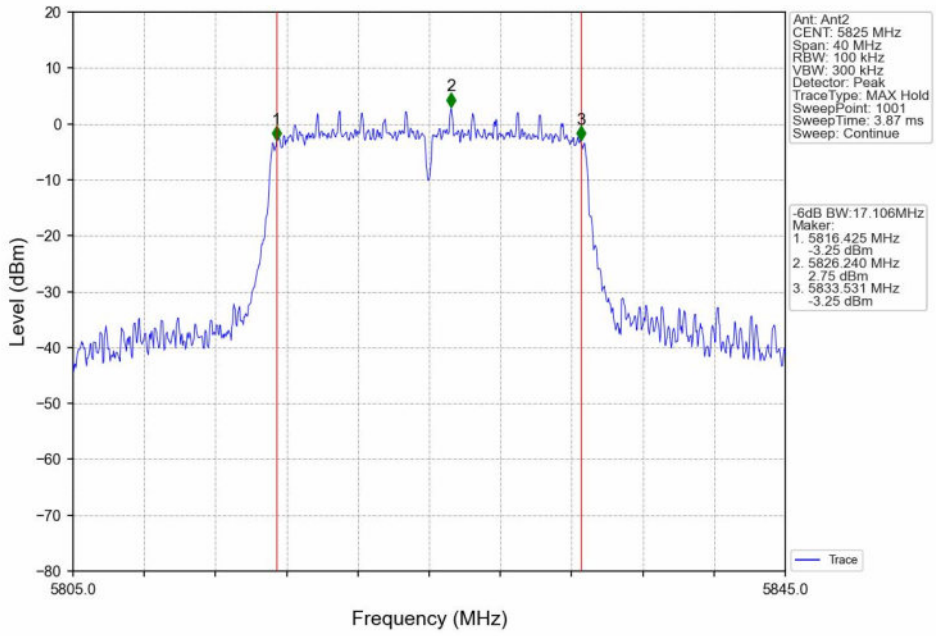
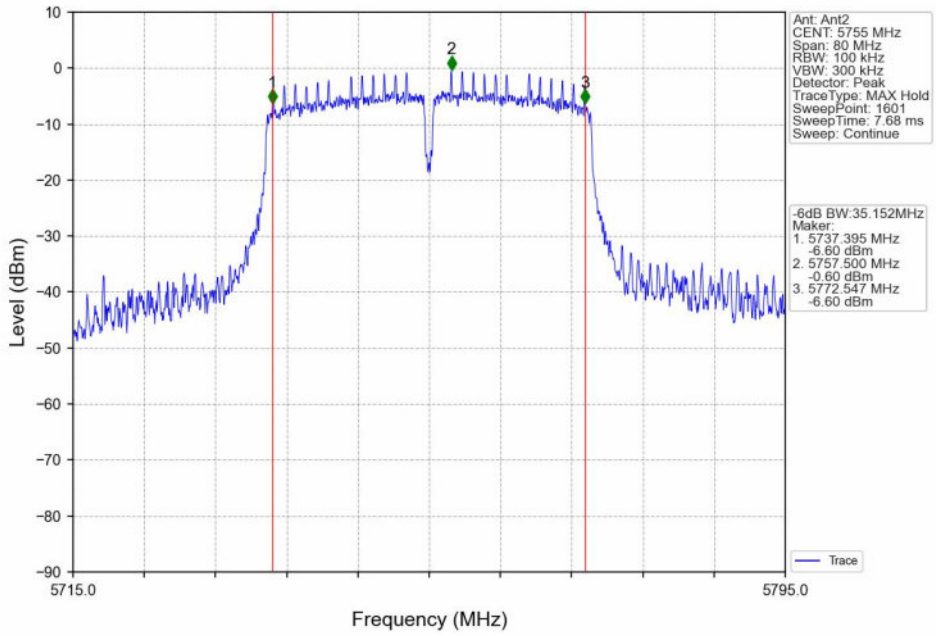
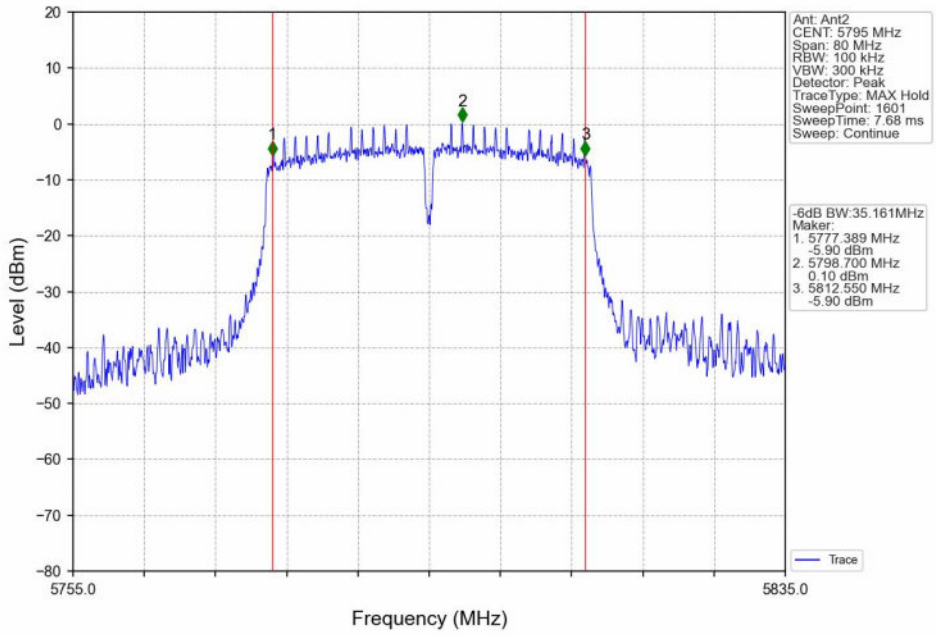


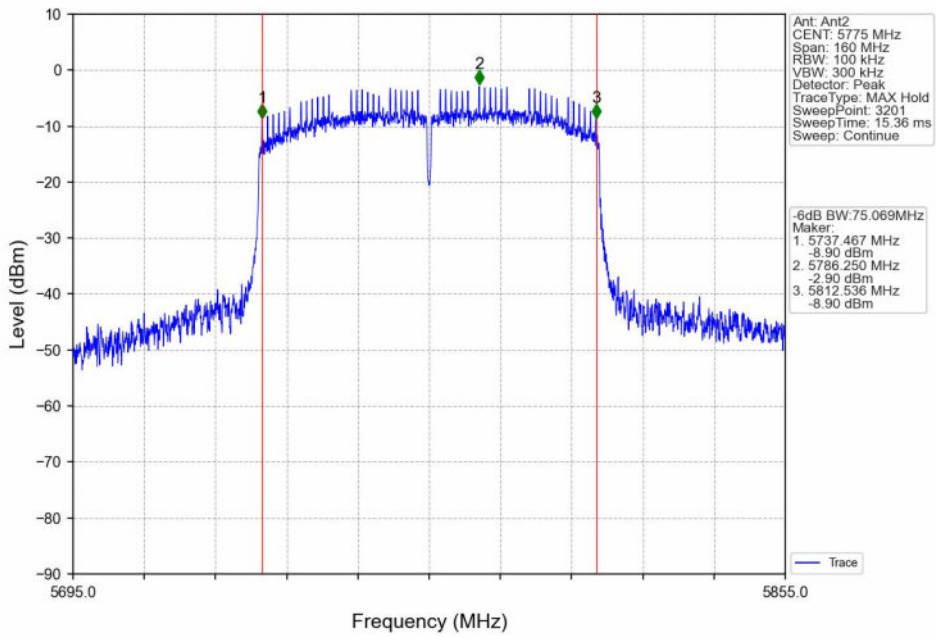
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



2. Maximum Conducted Output Power

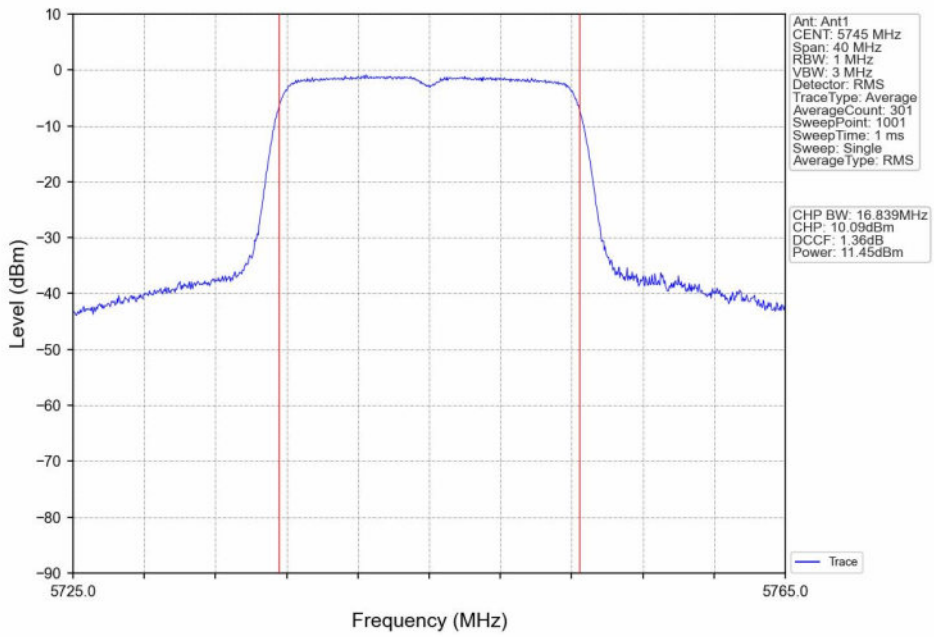
2.1 Power

2.1.1 Test Result

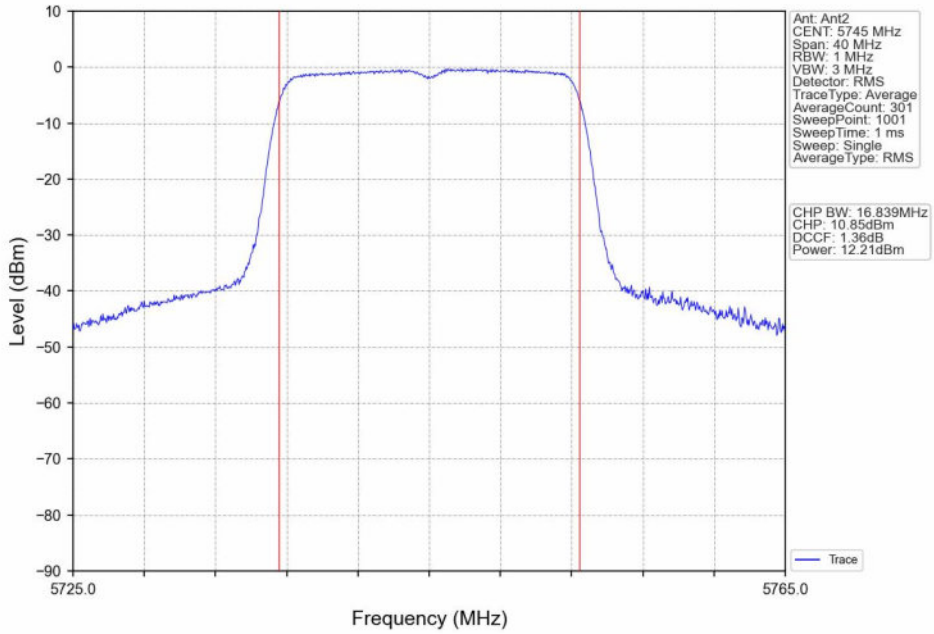
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	11.45	12.21	/	<=30	Pass
		5785	12.66	13.12	/	<=30	Pass
		5825	13.14	13.23	/	<=30	Pass
802.11n (HT20)	SISO	5745	11.76	11.88	/	<=30	Pass
		5785	12.88	12.58	/	<=30	Pass
		5825	13.47	12.89	/	<=30	Pass
802.11n (HT40)	SISO	5755	12.20	12.41	/	<=30	Pass
		5795	12.97	12.73	/	<=30	Pass
802.11n (HT20)	MIMO	5745	10.64	11.12	13.90	<=29.77	Pass
		5785	11.50	11.51	14.52	<=29.77	Pass
		5825	11.98	11.79	14.90	<=29.77	Pass
802.11n (HT40)	MIMO	5755	11.05	11.58	14.33	<=29.77	Pass
		5795	12.00	11.81	14.92	<=29.77	Pass
802.11ac (VHT20)	SISO	5745	11.83	12.61	/	<=30	Pass
		5785	12.85	13.25	/	<=30	Pass
		5825	13.36	13.49	/	<=30	Pass
802.11ac (VHT40)	SISO	5755	12.36	12.99	/	<=30	Pass
		5795	13.20	13.39	/	<=30	Pass
802.11ac (VHT80)	SISO	5775	12.83	12.96	/	<=30	Pass
802.11ac (VHT20)	MIMO	5745	11.18	11.89	14.56	<=29.77	Pass
		5785	12.12	12.61	15.38	<=29.77	Pass
		5825	12.71	12.93	15.83	<=29.77	Pass
802.11ac (VHT40)	MIMO	5755	11.88	12.64	15.29	<=29.77	Pass
		5795	12.76	13.16	15.97	<=29.77	Pass
802.11ac (VHT80)	MIMO	5775	12.50	13.07	15.80	<=29.77	Pass
Note1: Antenna Gain: Ant1: 2.78dBi; Ant2: 3.22dBi; Note2: Directional Gain: 6.23dBi							

2.1.2 Test Graph

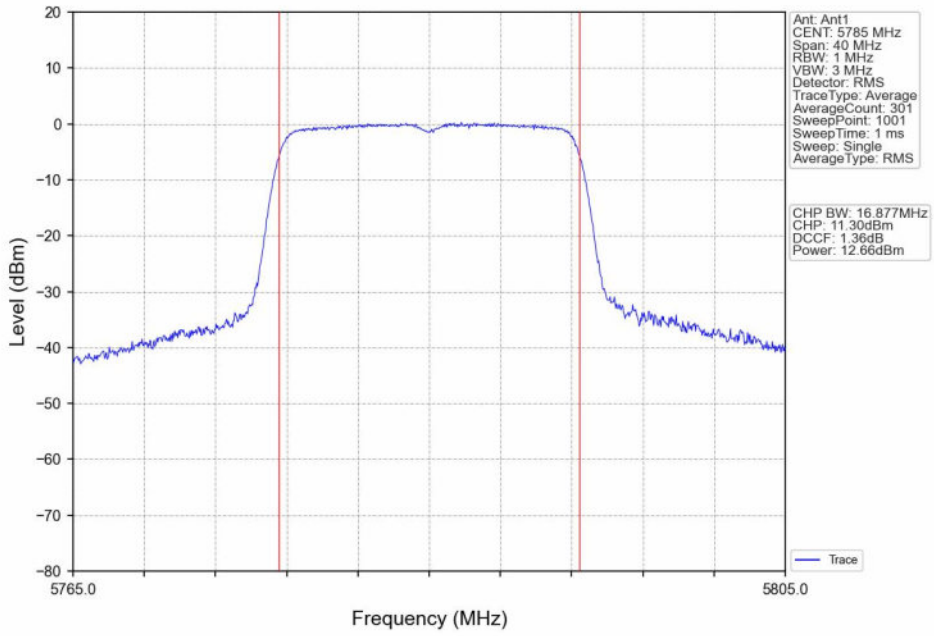
802.11a_LCH_5745MHz_Ant1_NTNV



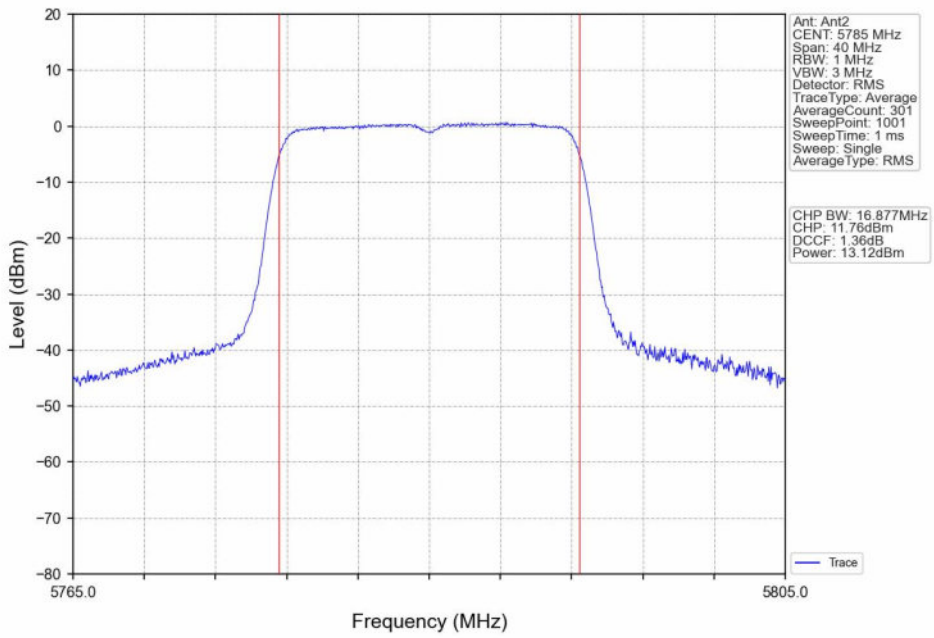
802.11a_LCH_5745MHz_Ant2_NTNV



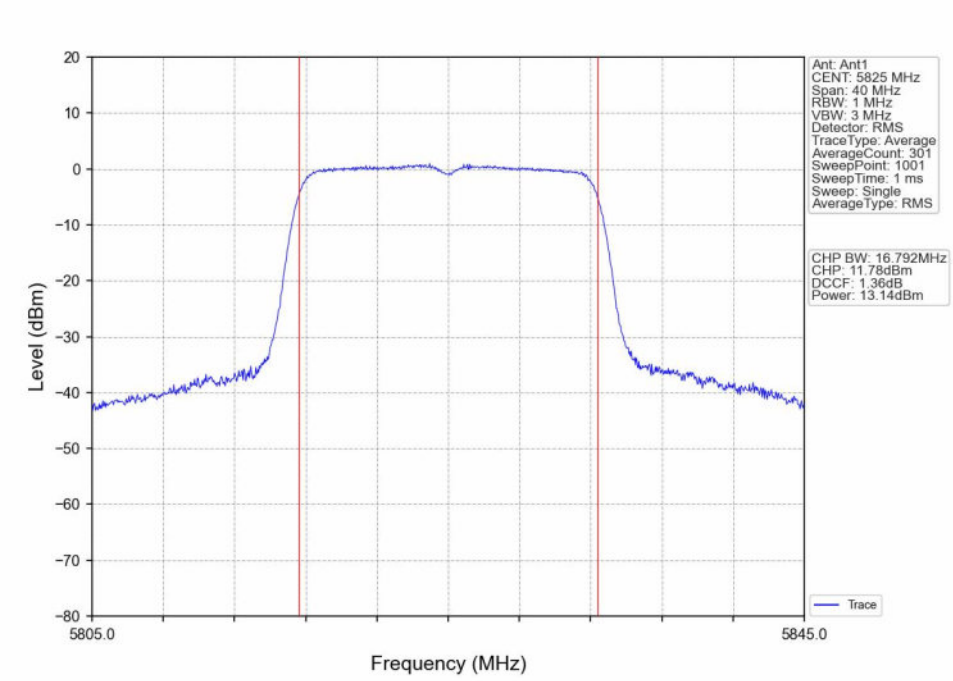
802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant2_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



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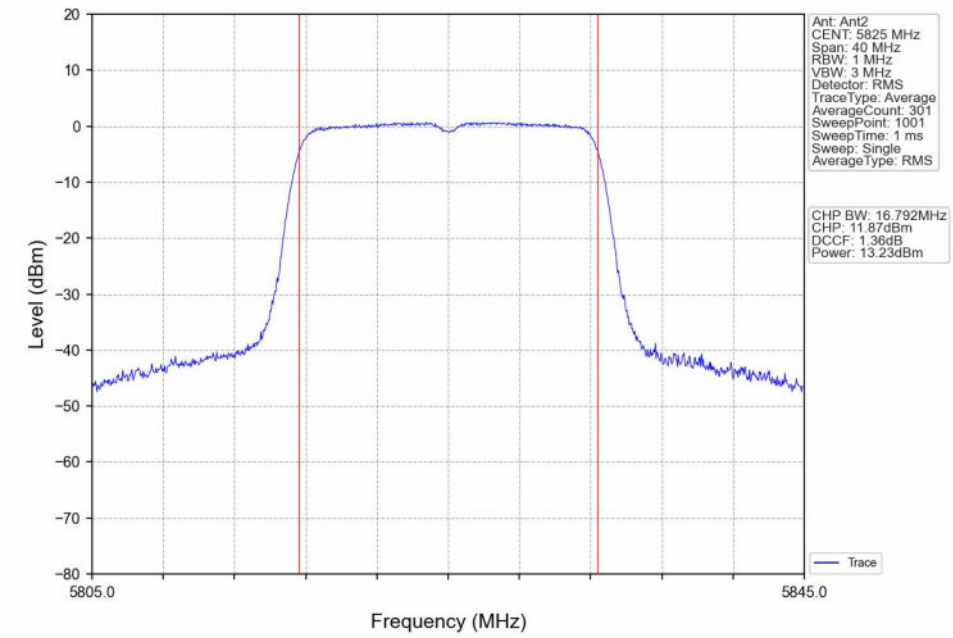
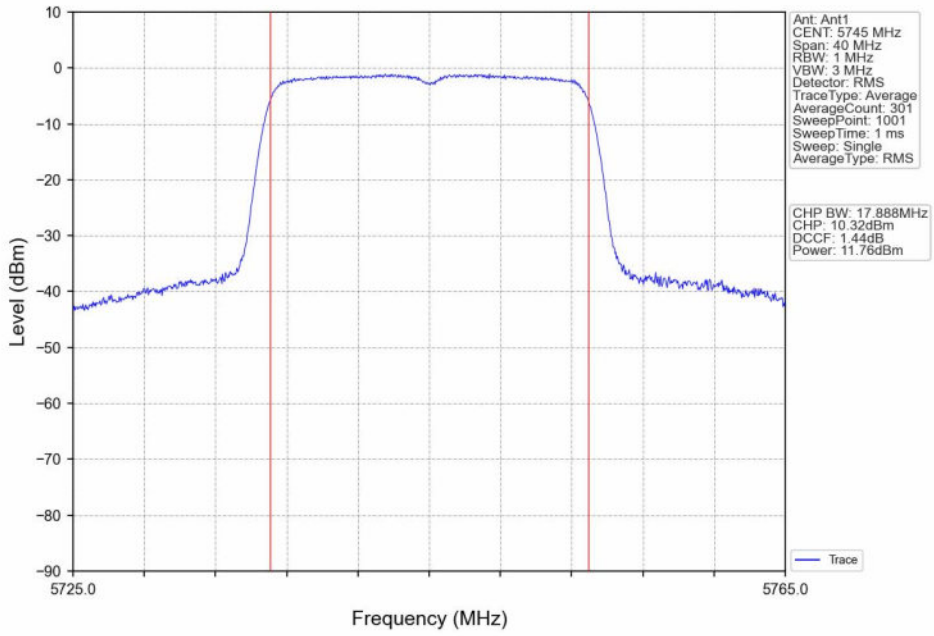
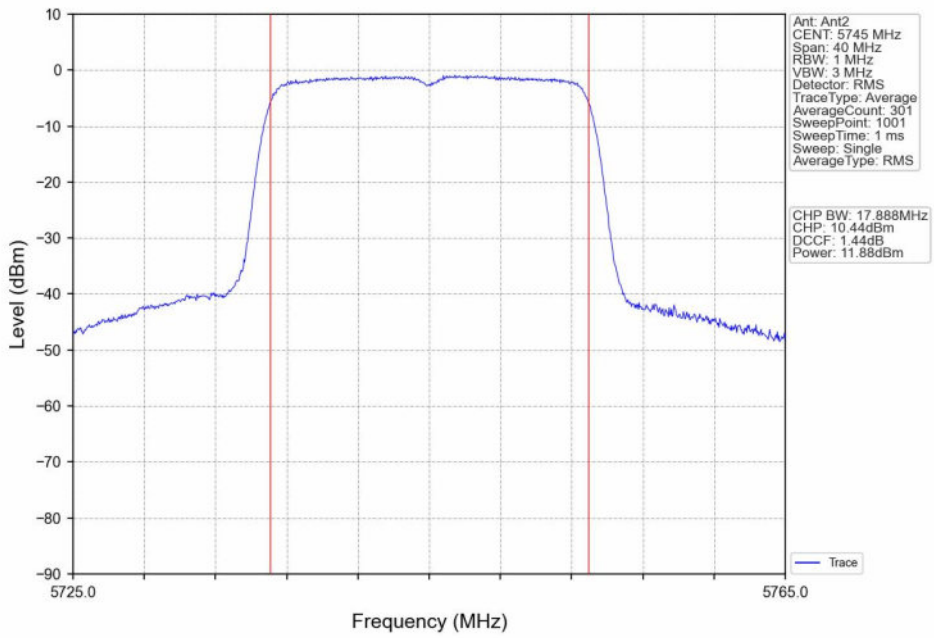


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



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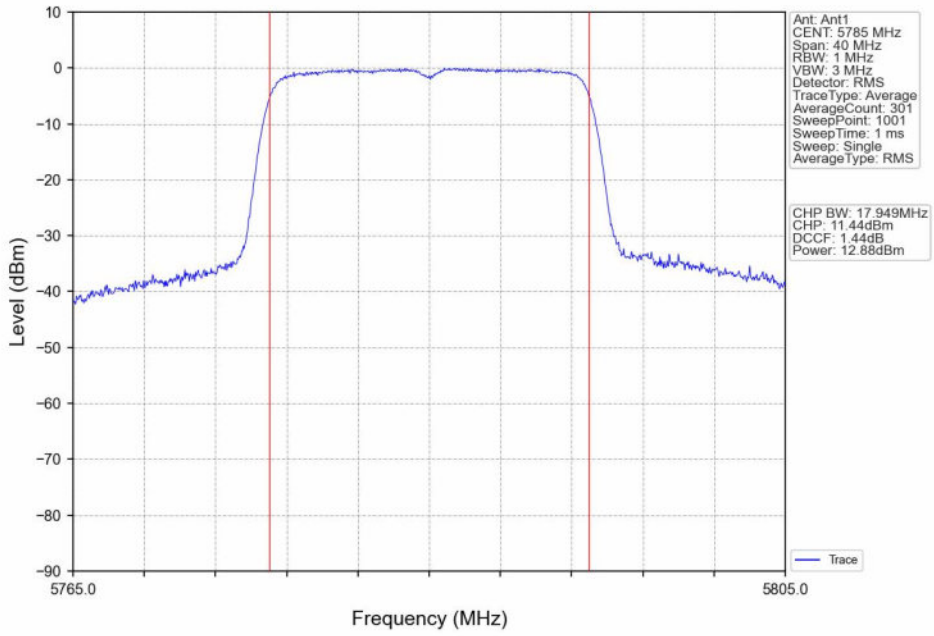
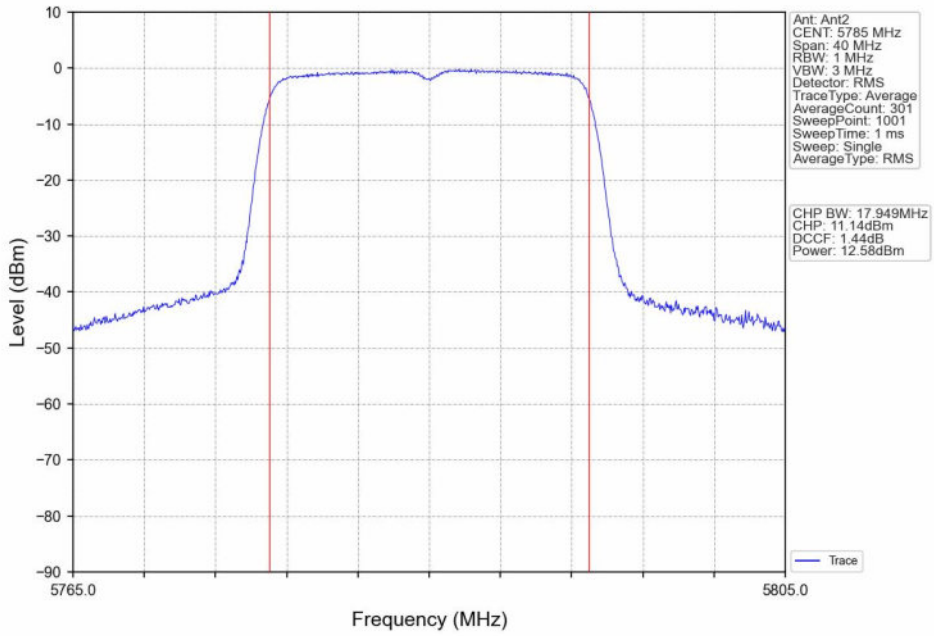
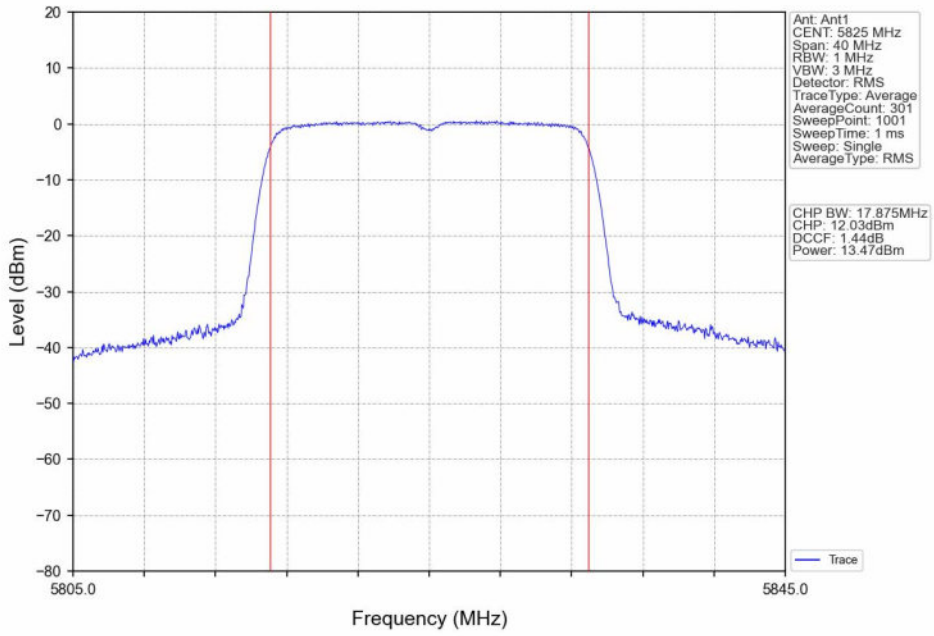


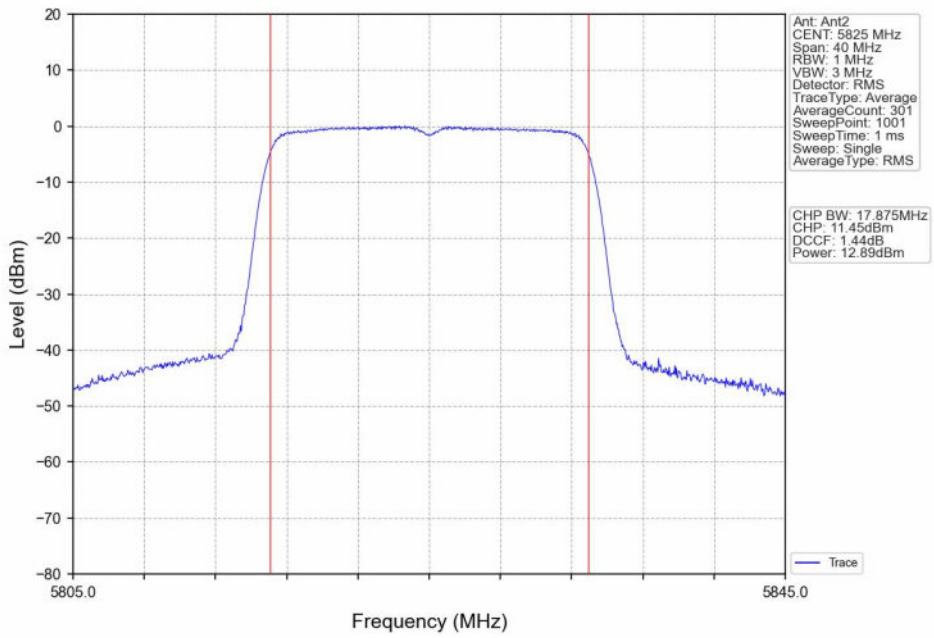
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



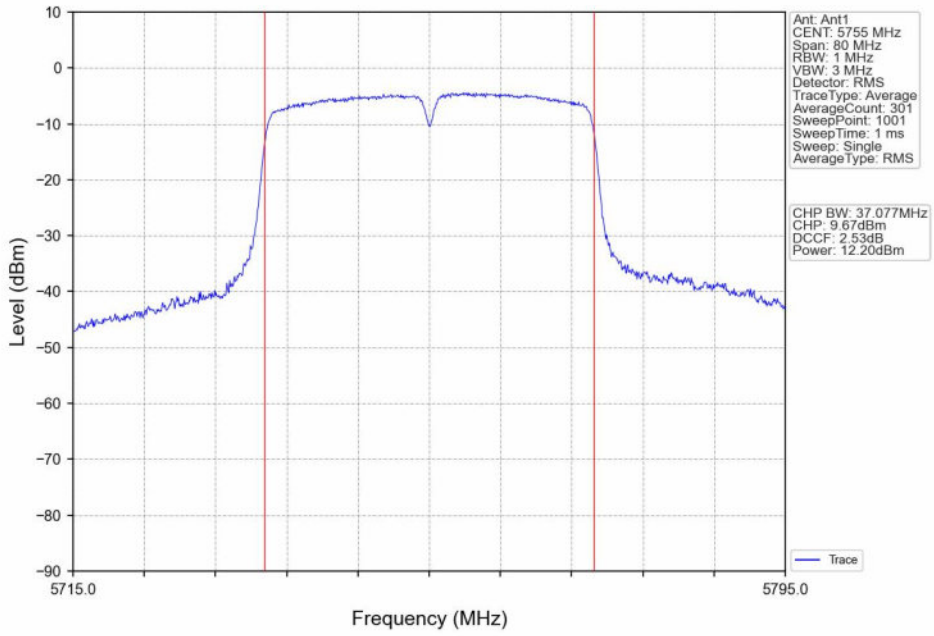
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



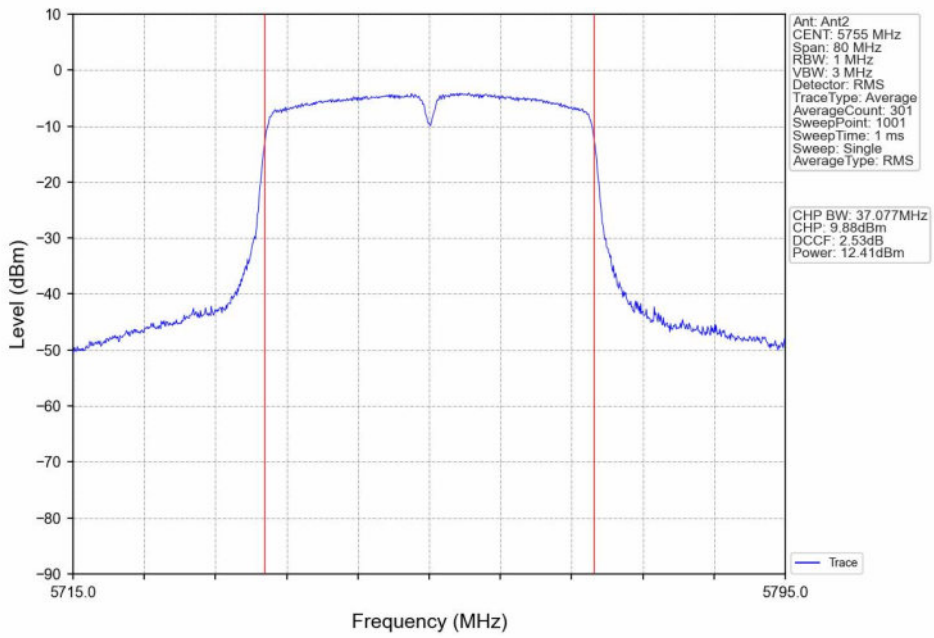
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



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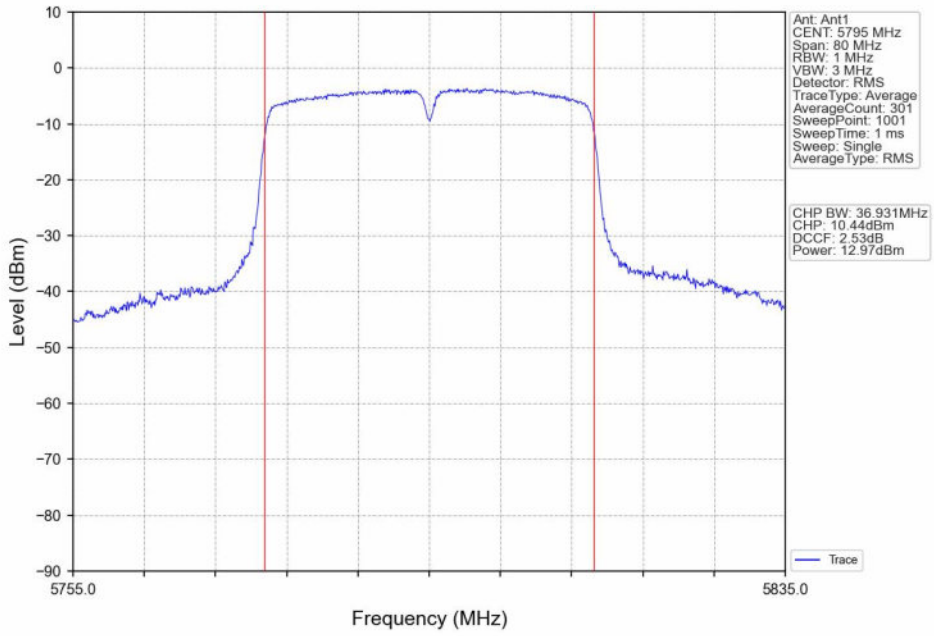

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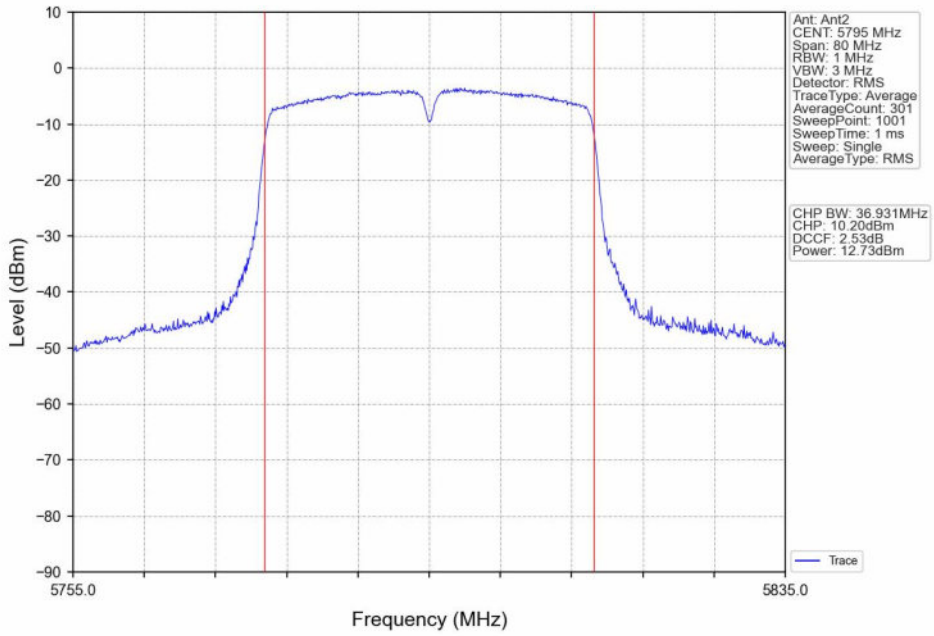

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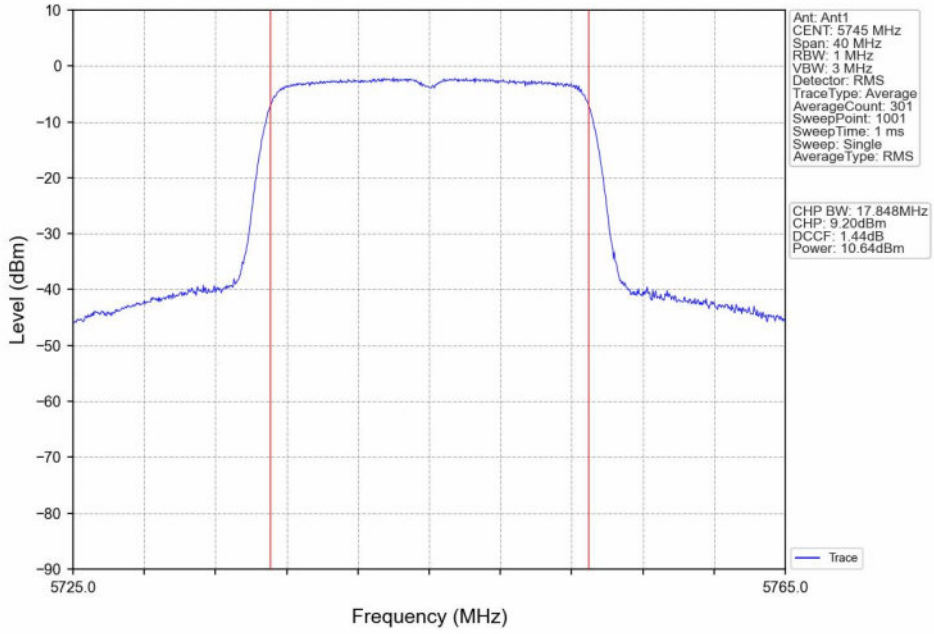

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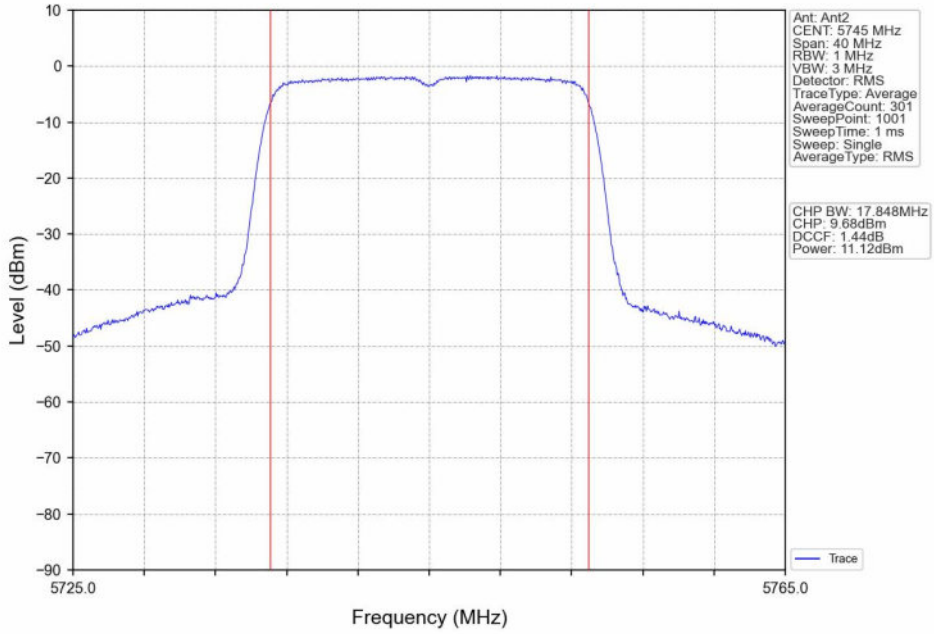
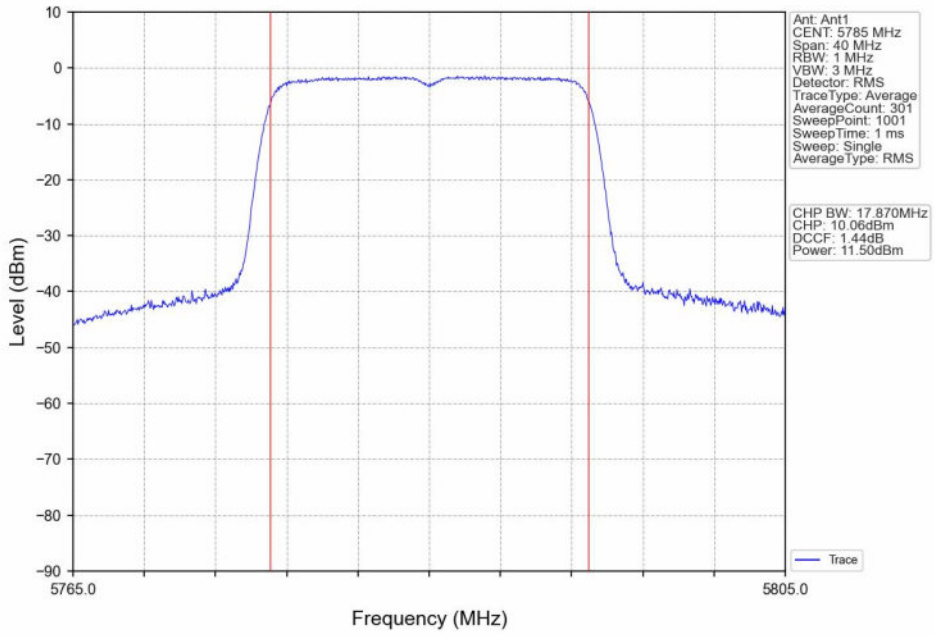


802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



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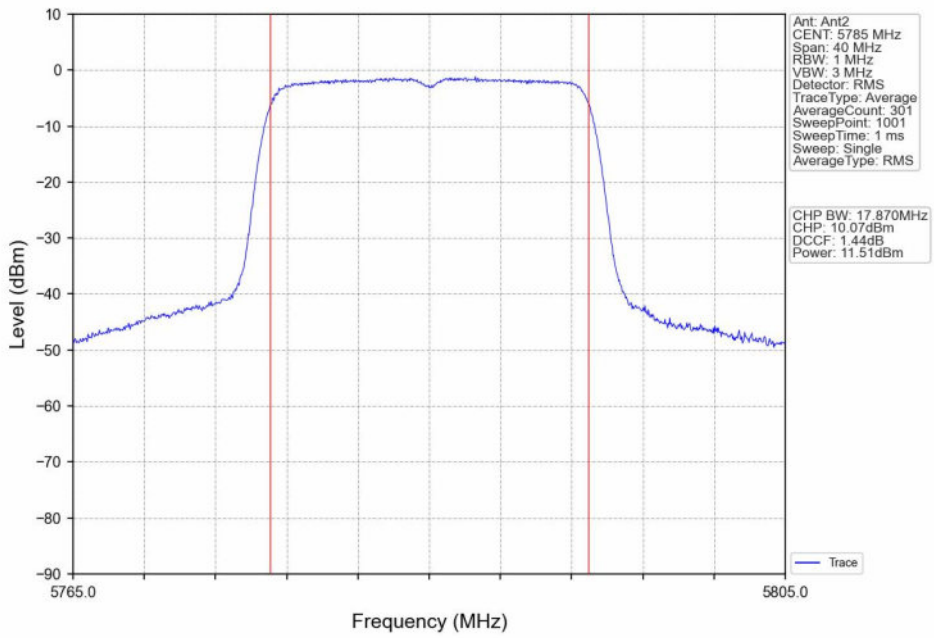
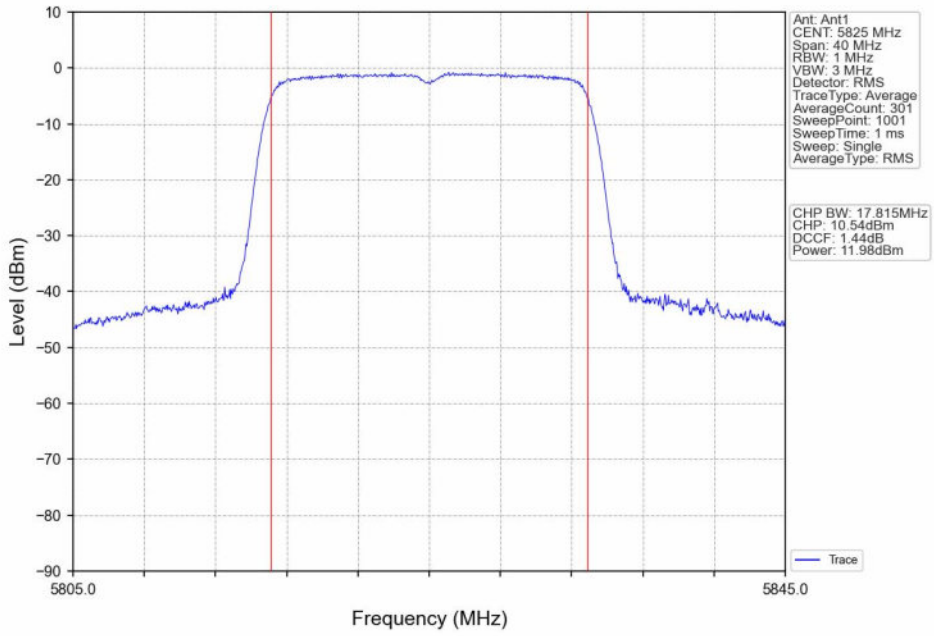


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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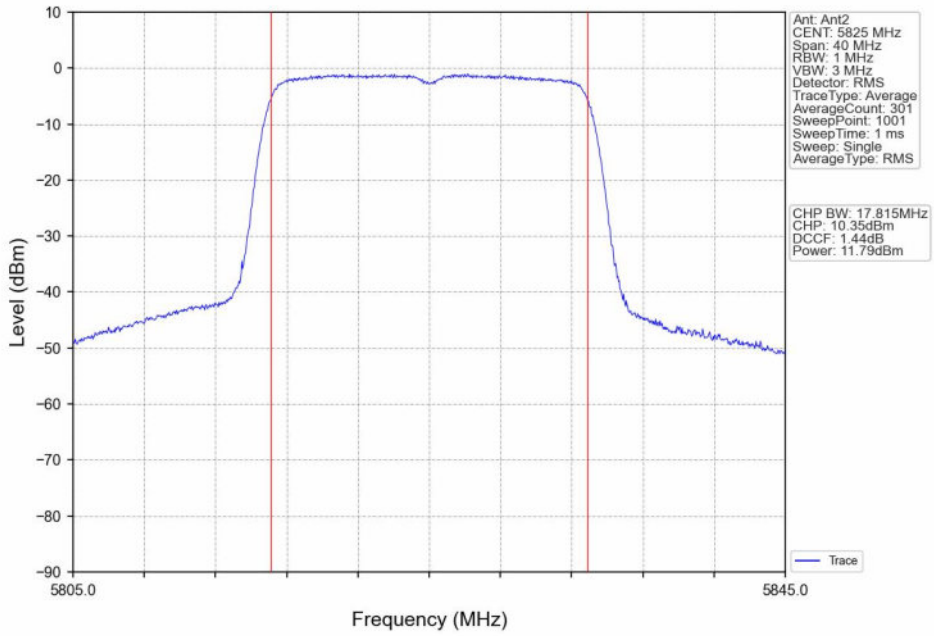

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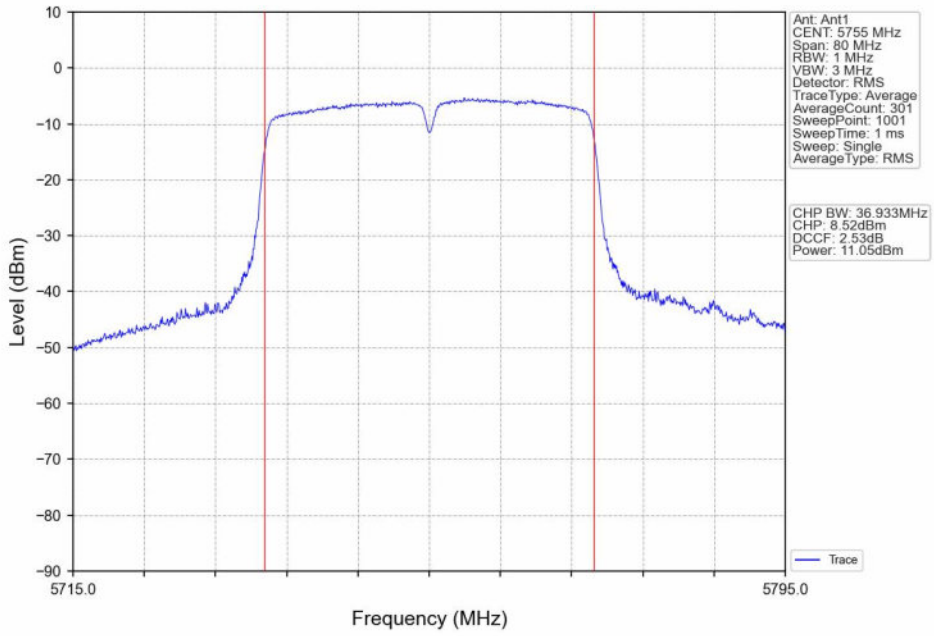

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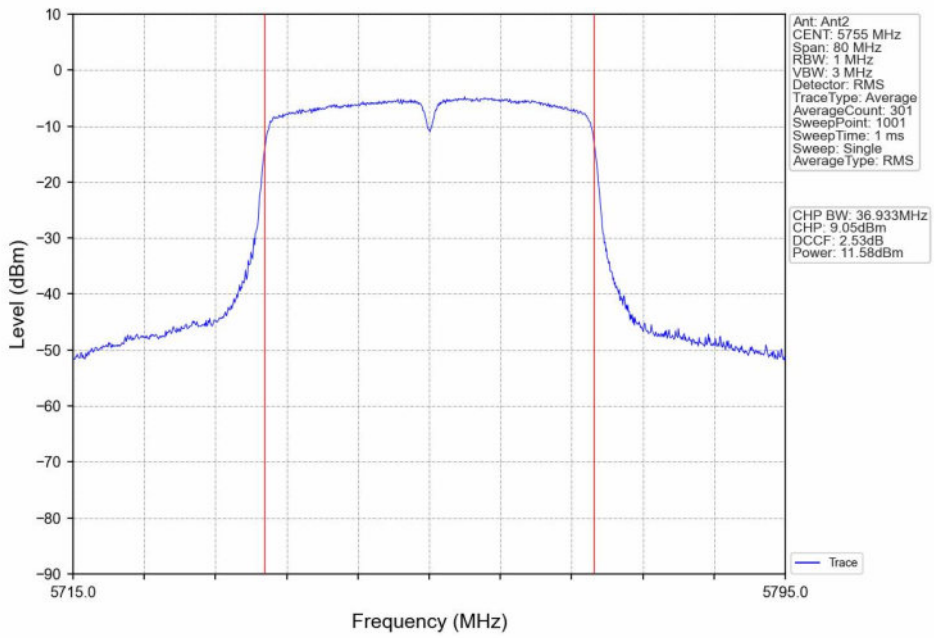

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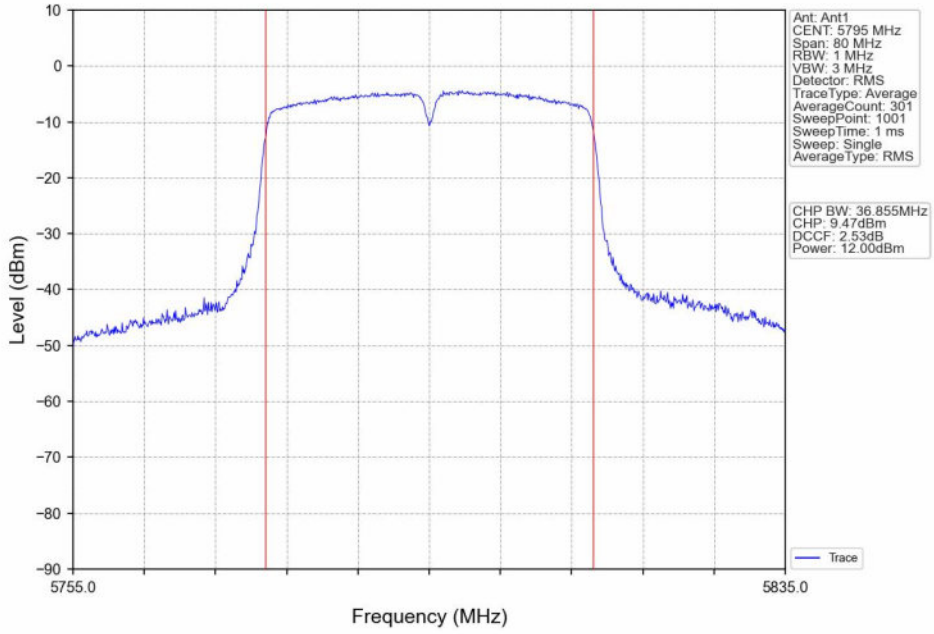

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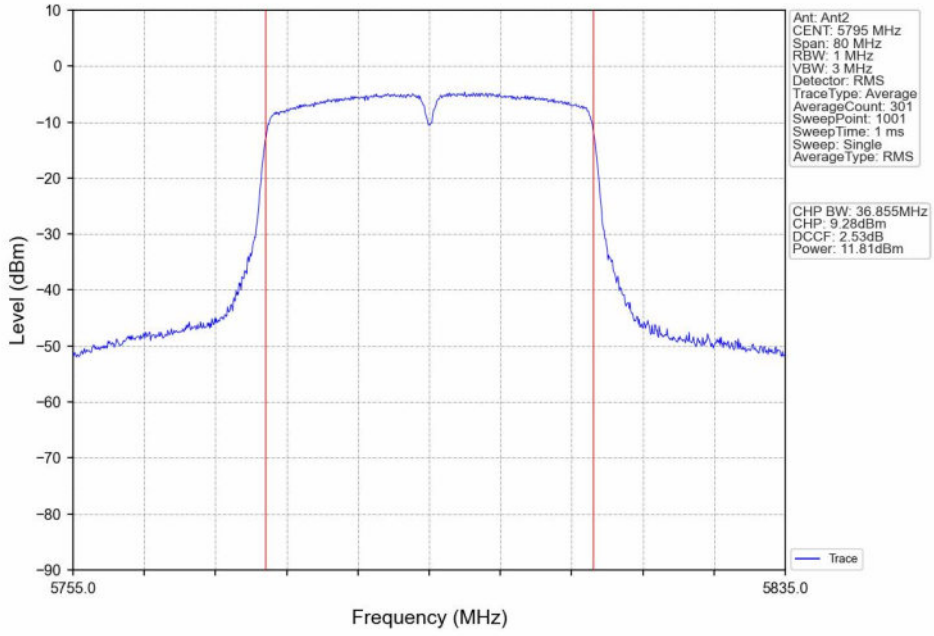
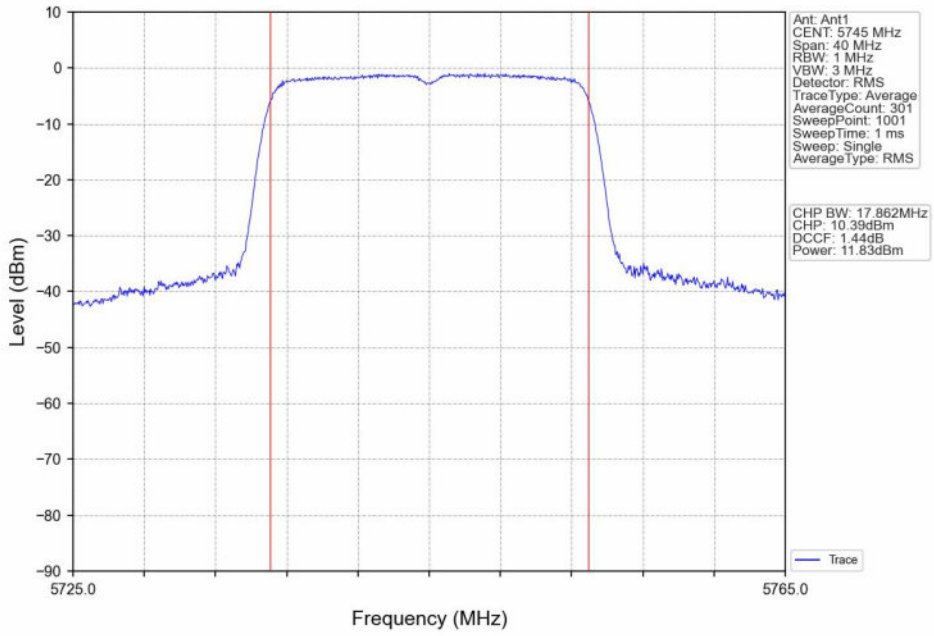
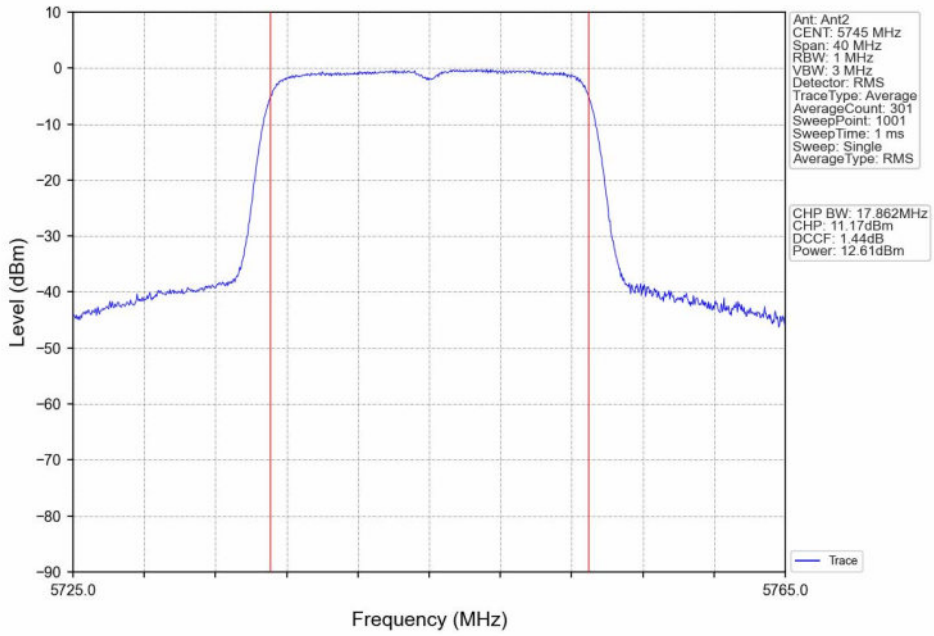


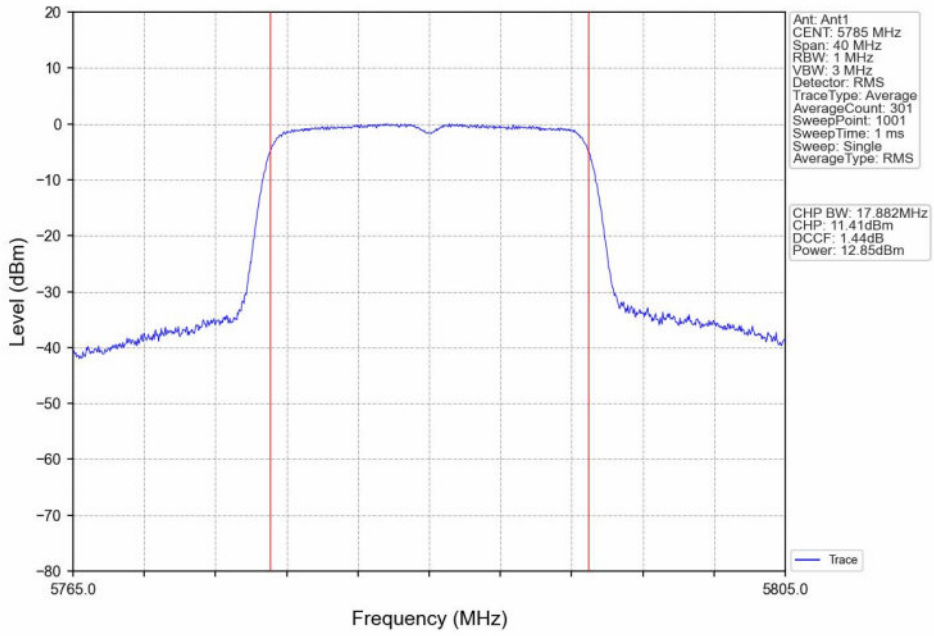
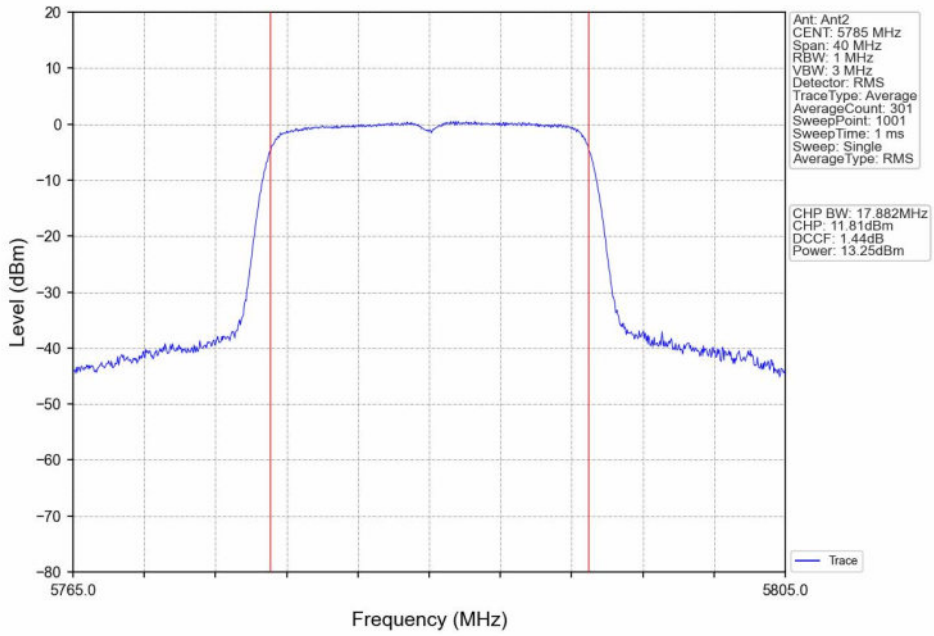
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV