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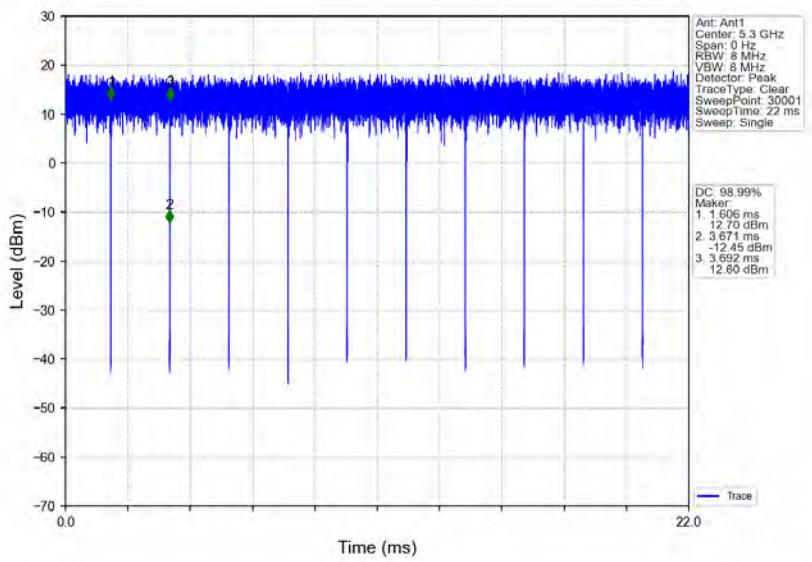

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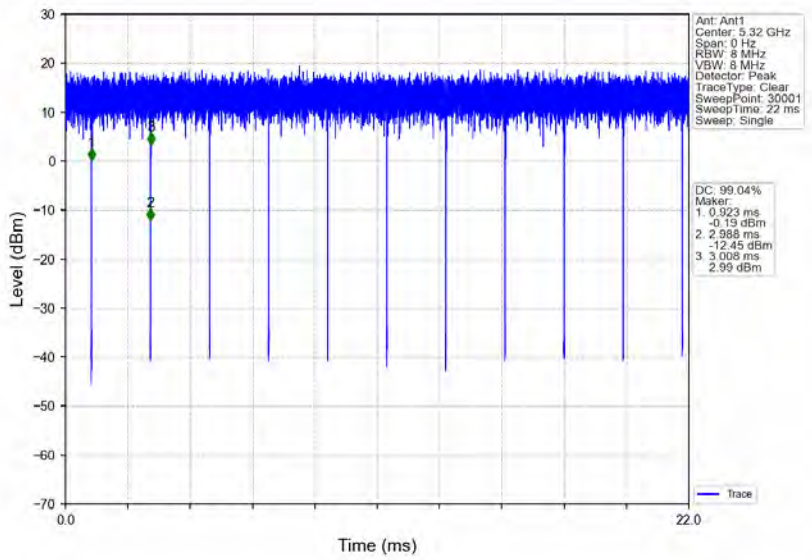

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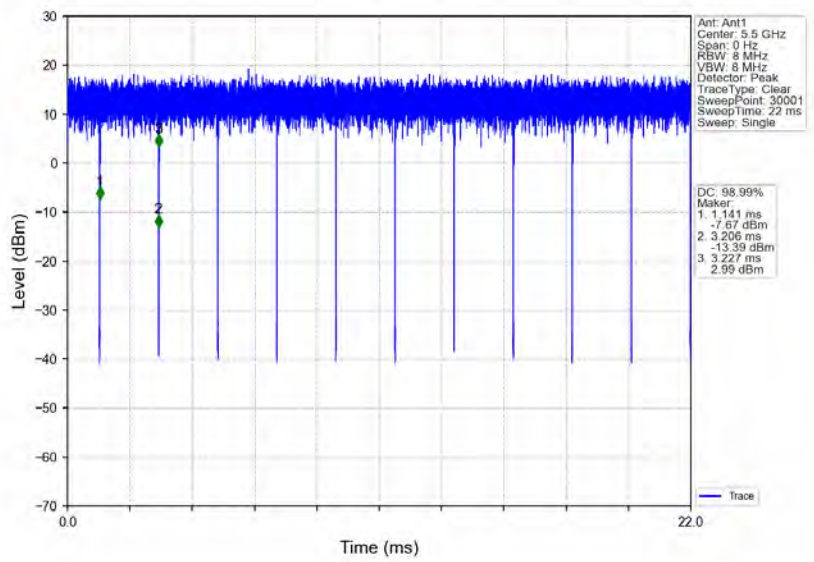
802.11a_LCH_5500MHz_Ant1_NTNV



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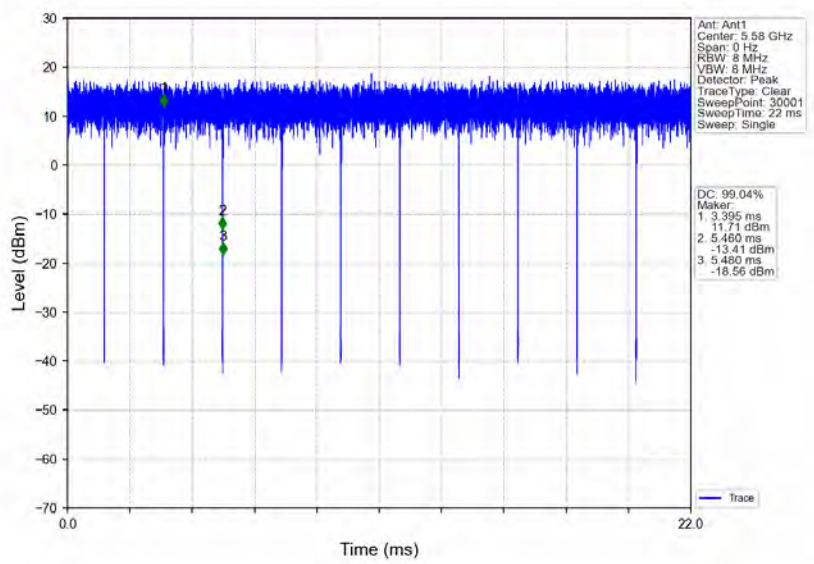

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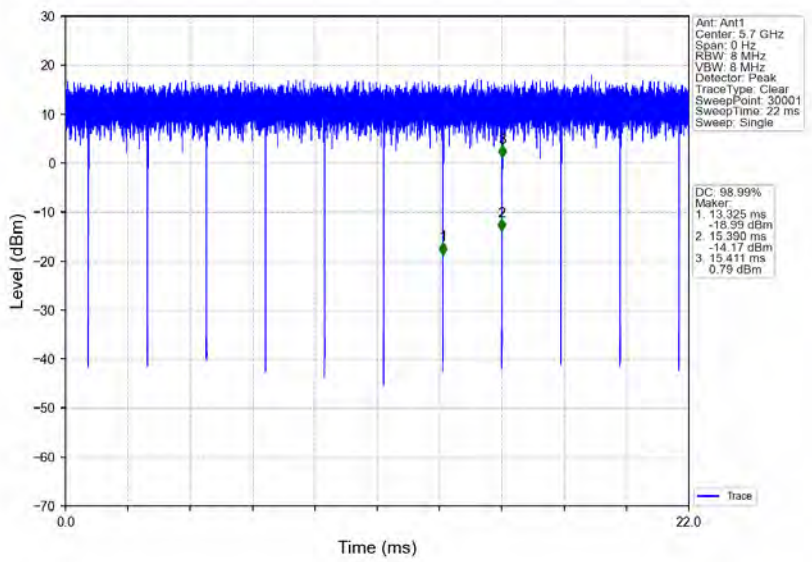
802.11a_HCH_5700MHz_Ant1_NTNV



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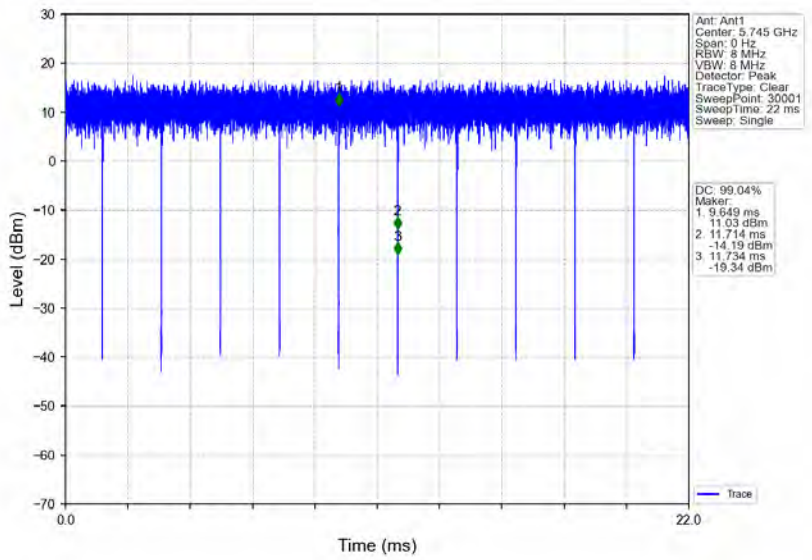

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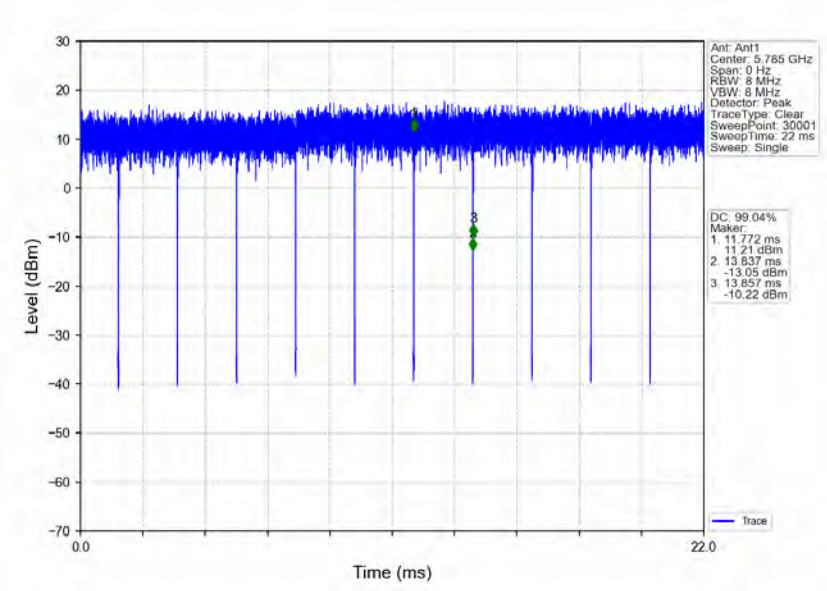
802.11a_MCH_5785MHz_Ant1_NTNV



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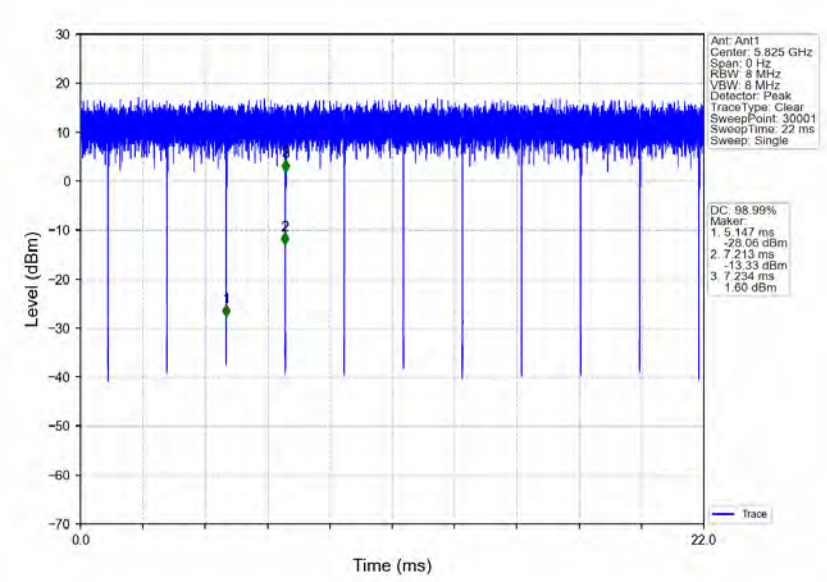

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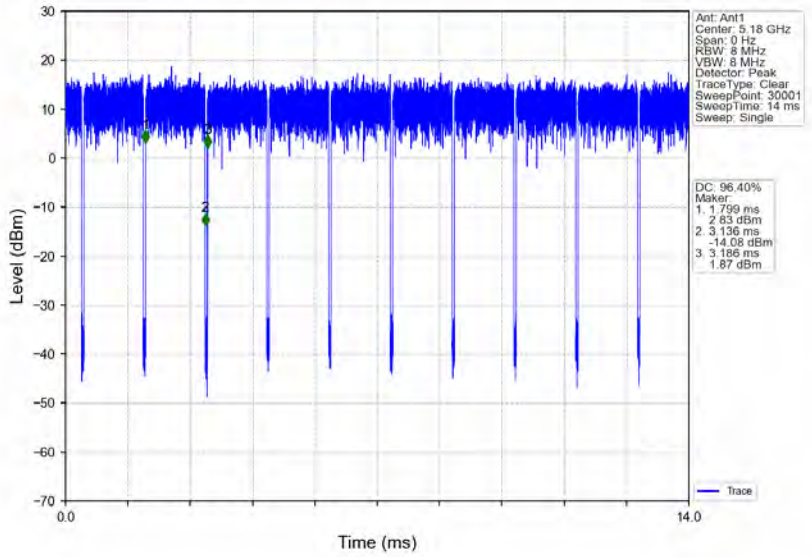
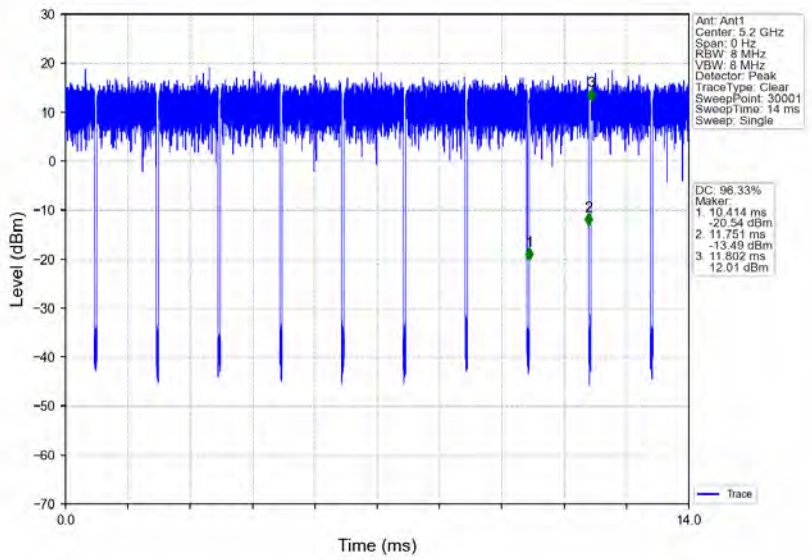
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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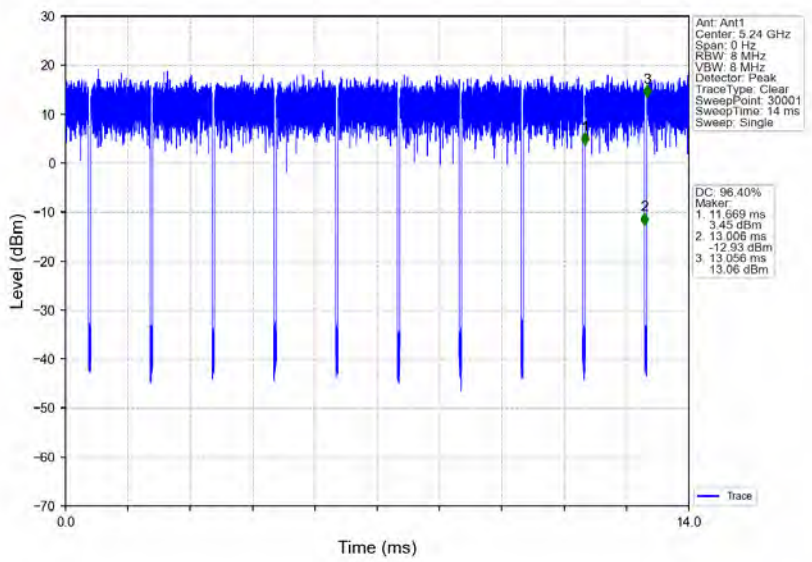
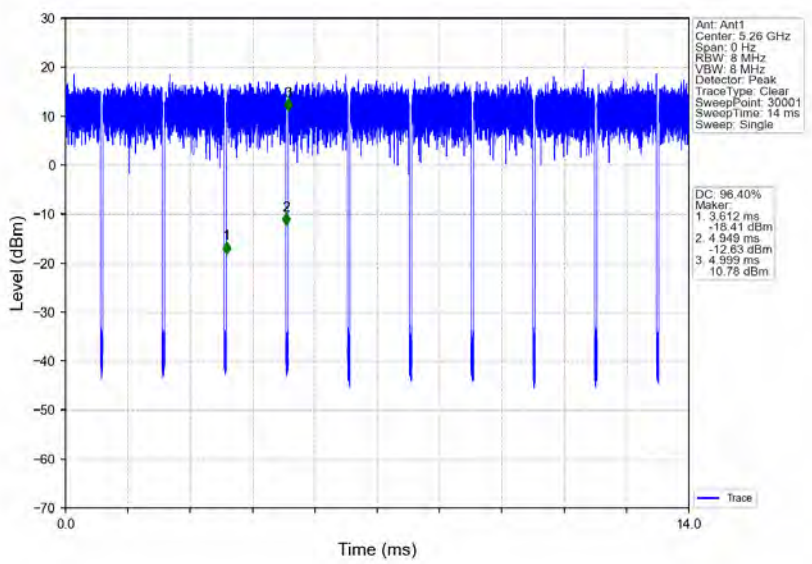
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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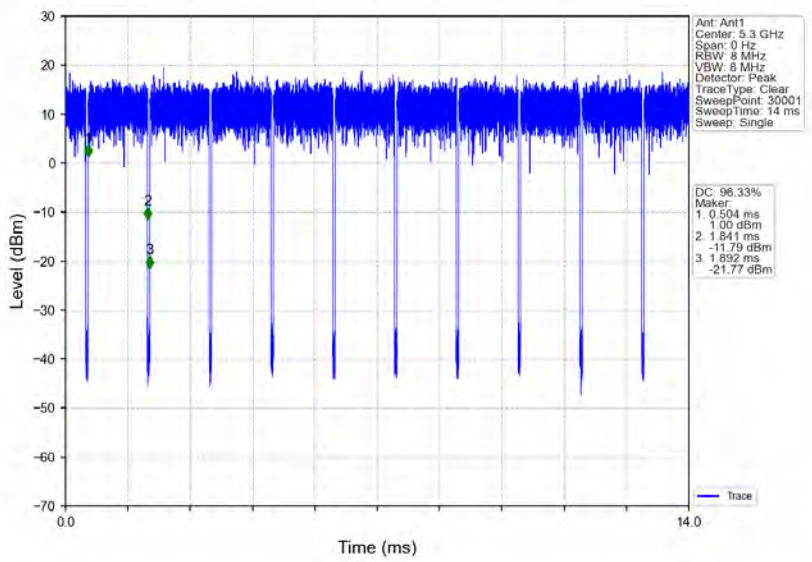
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



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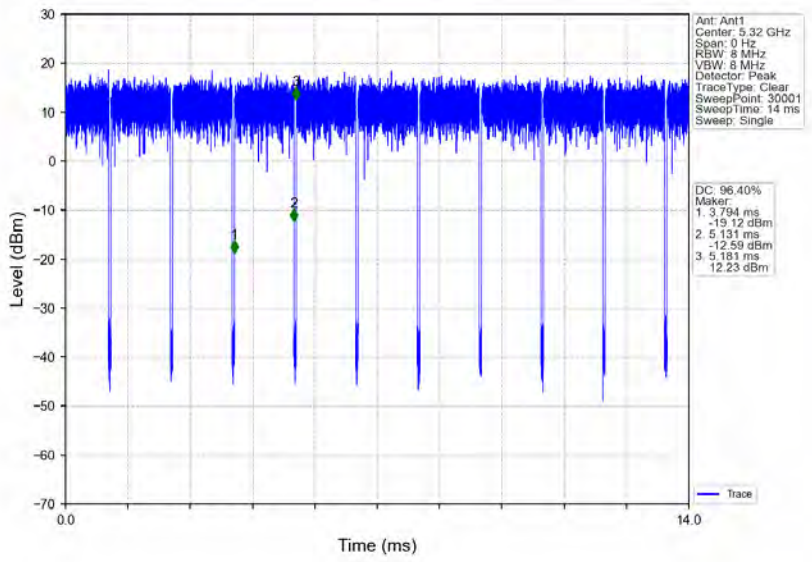

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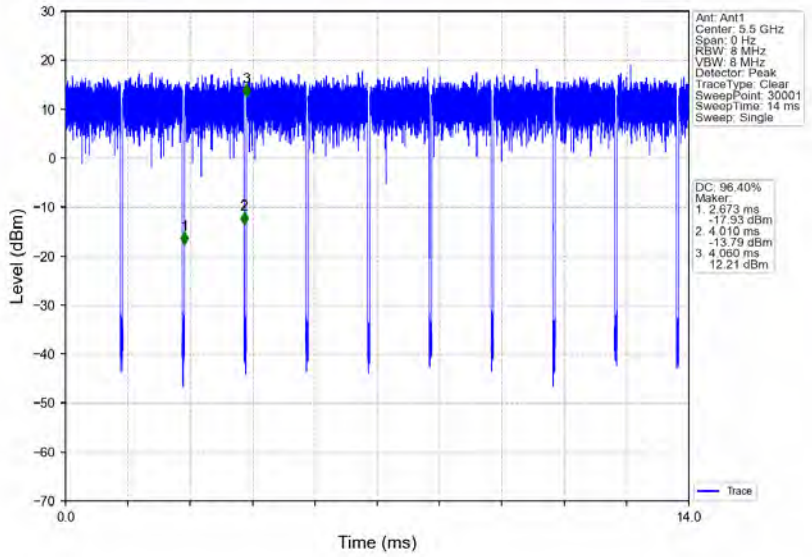
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



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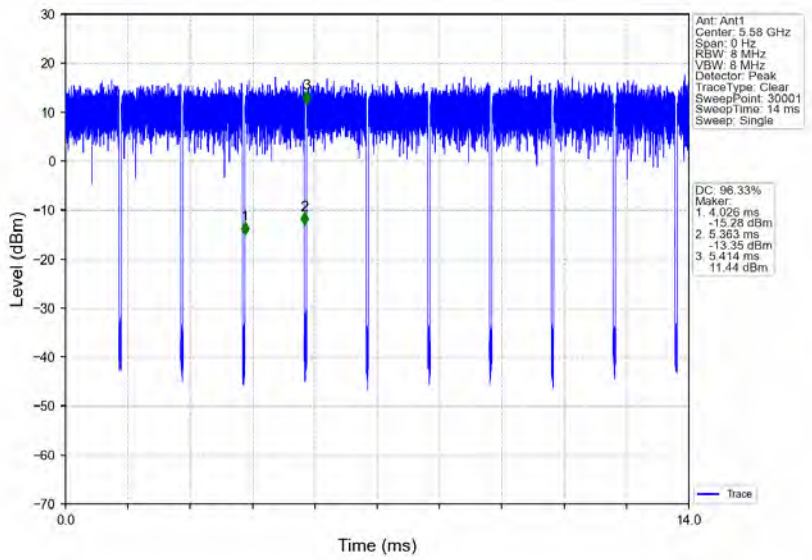

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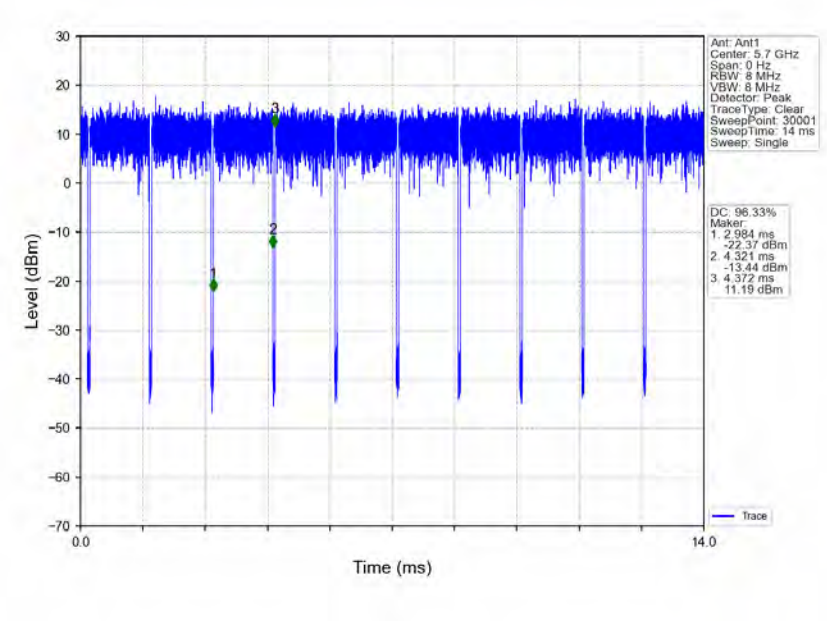
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



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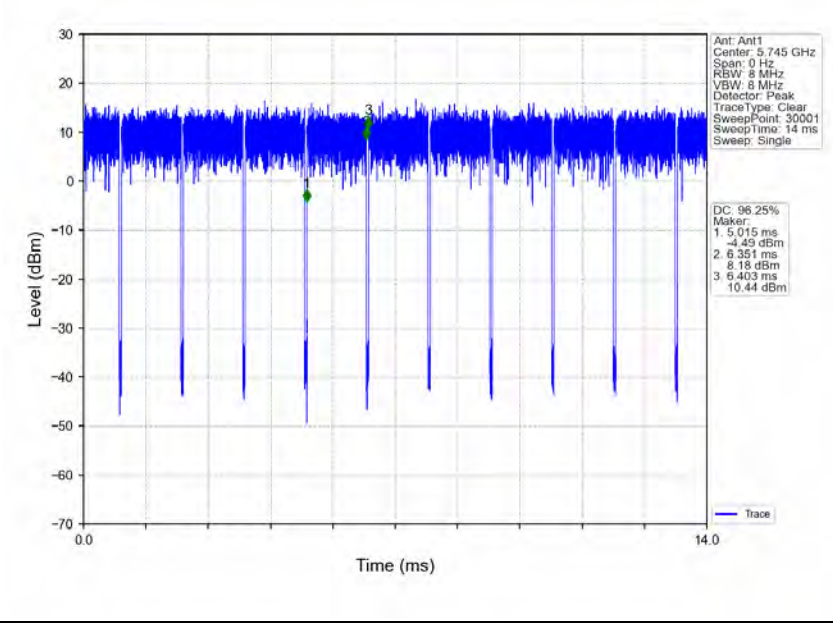

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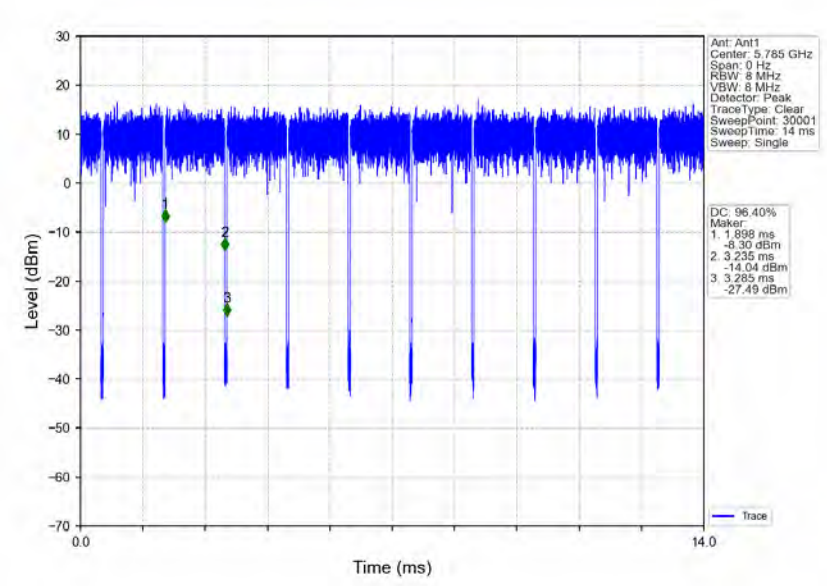
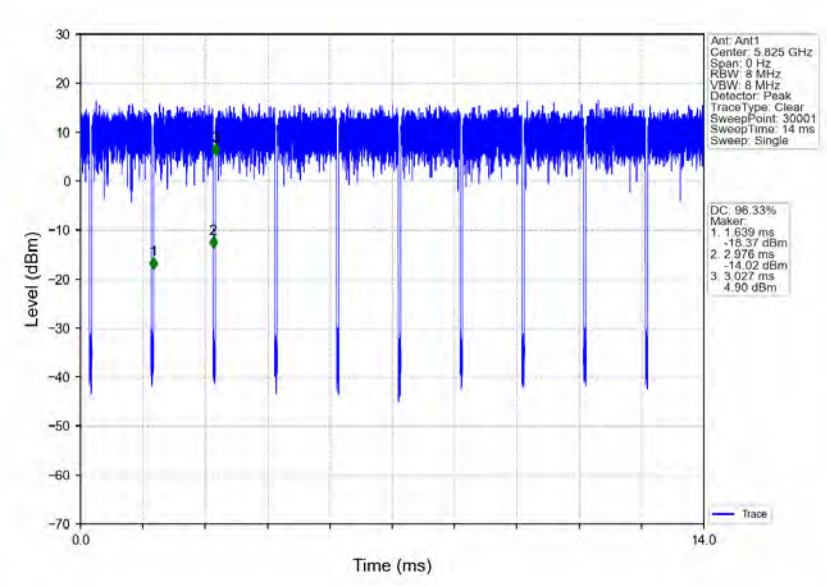
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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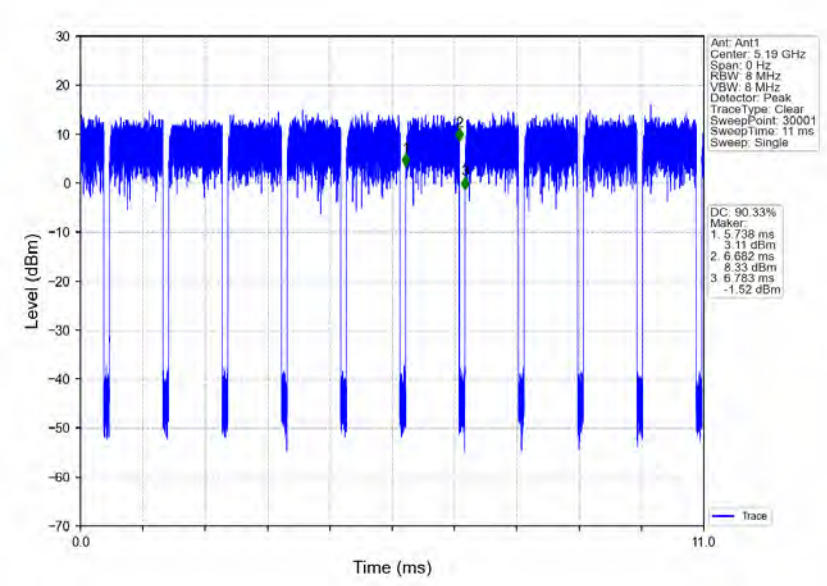
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



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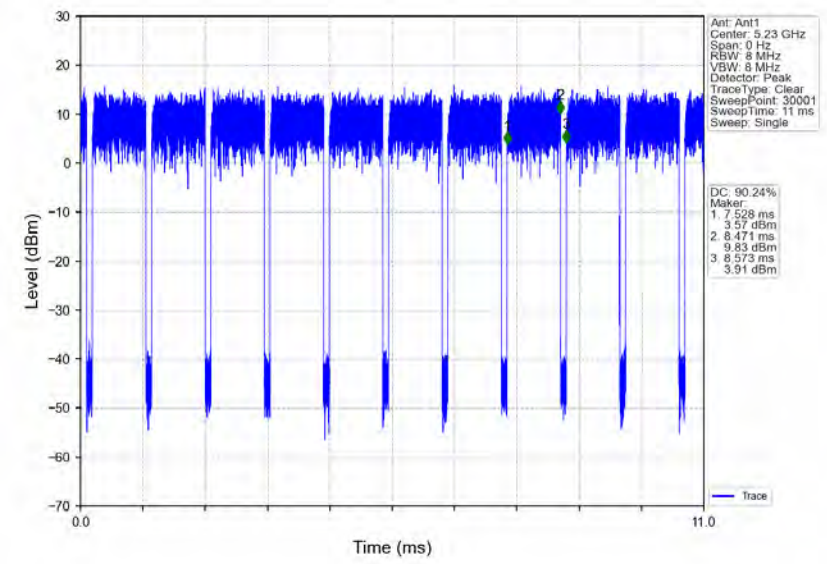

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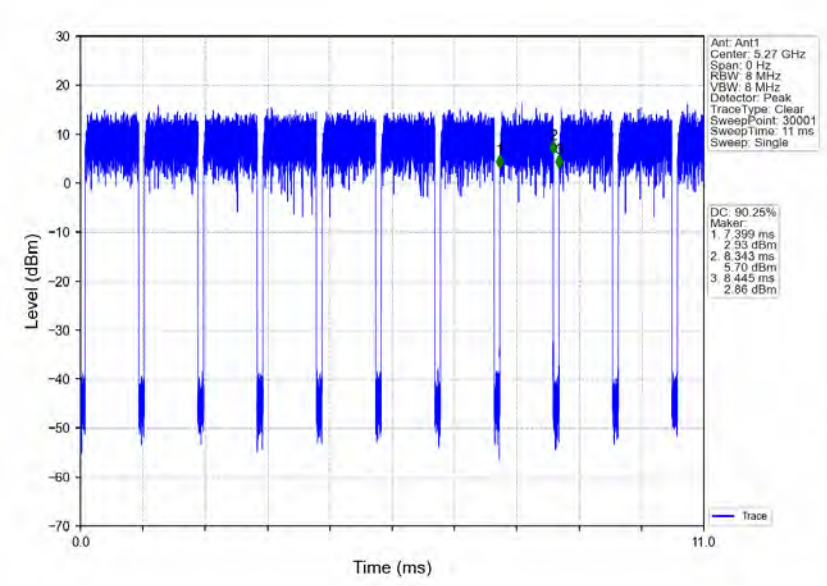
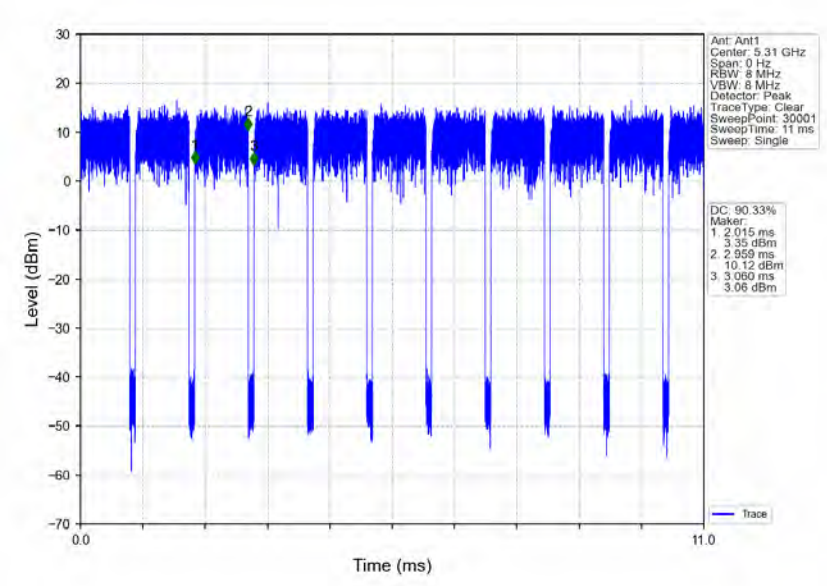
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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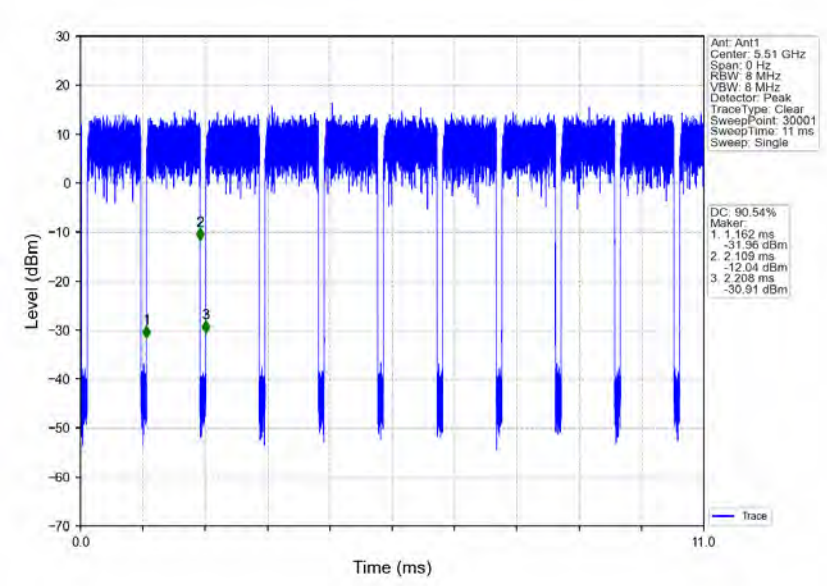
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



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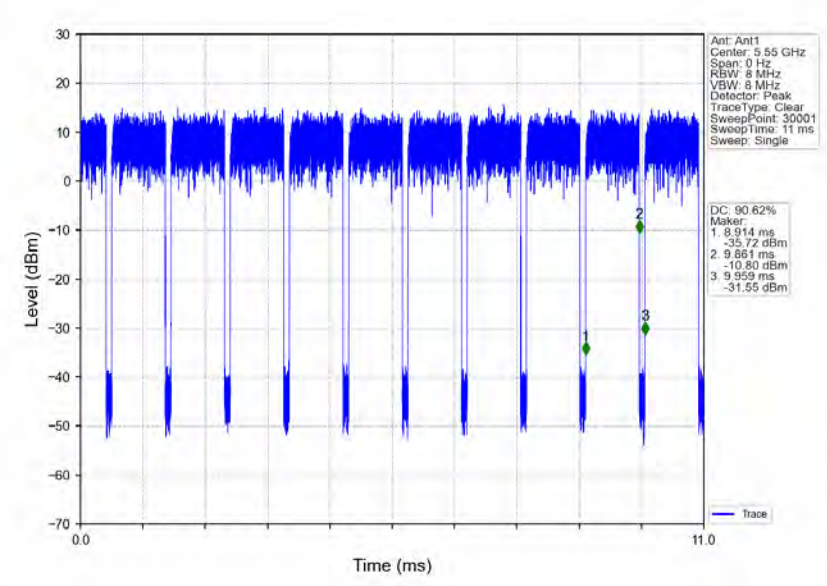

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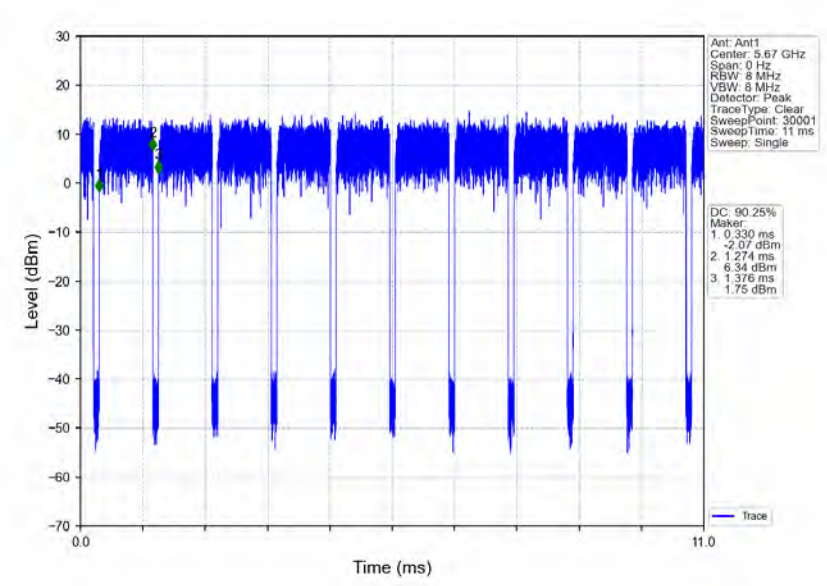
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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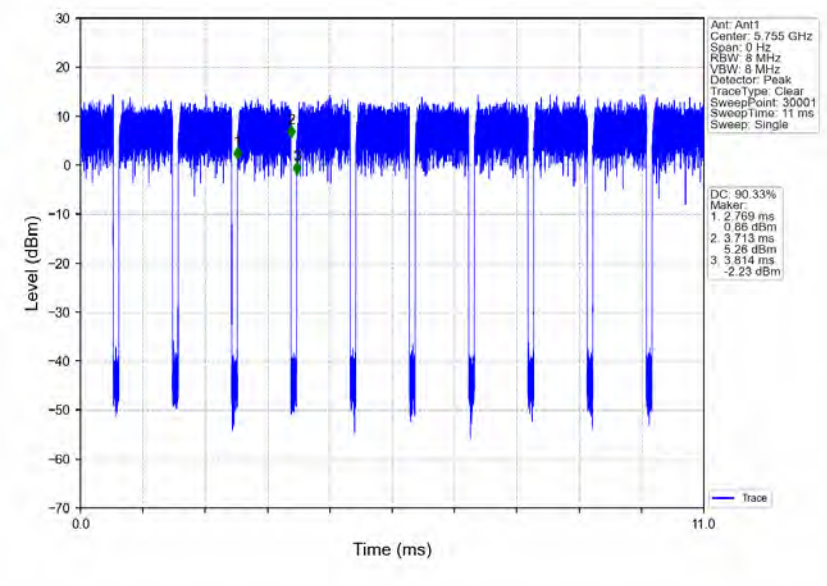

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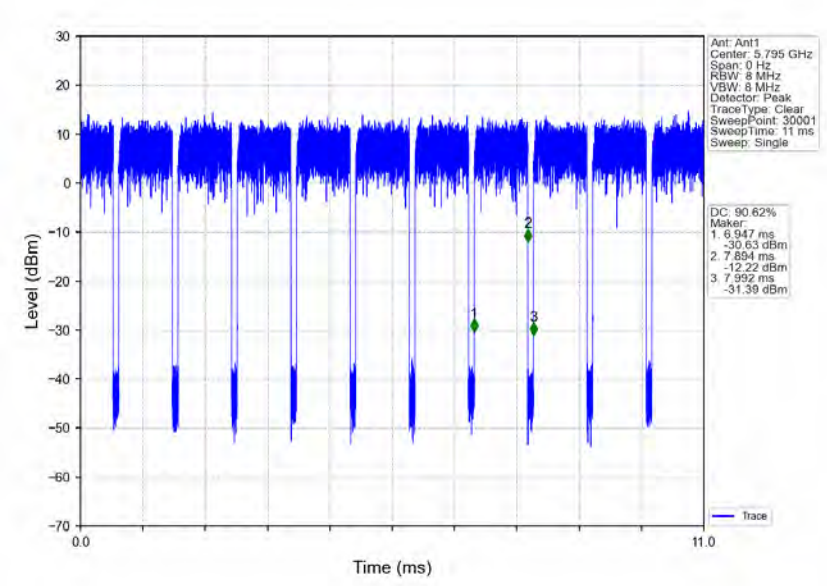
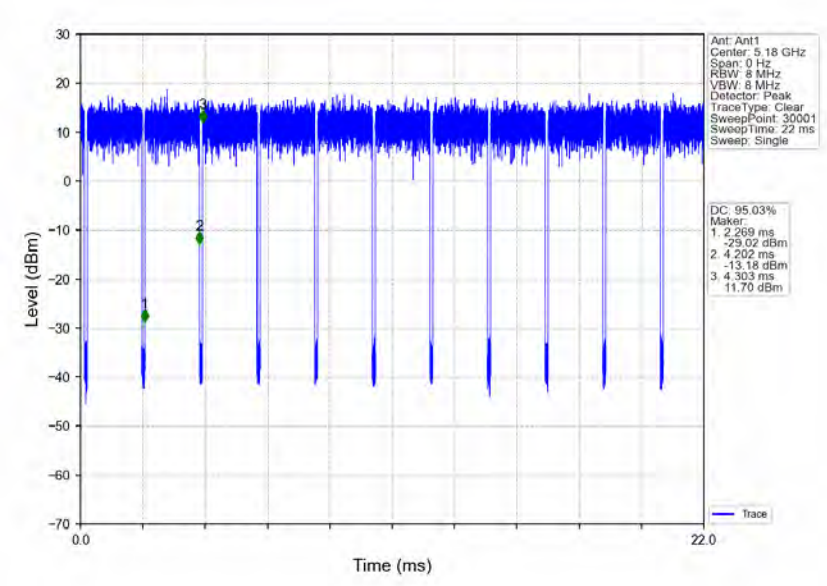
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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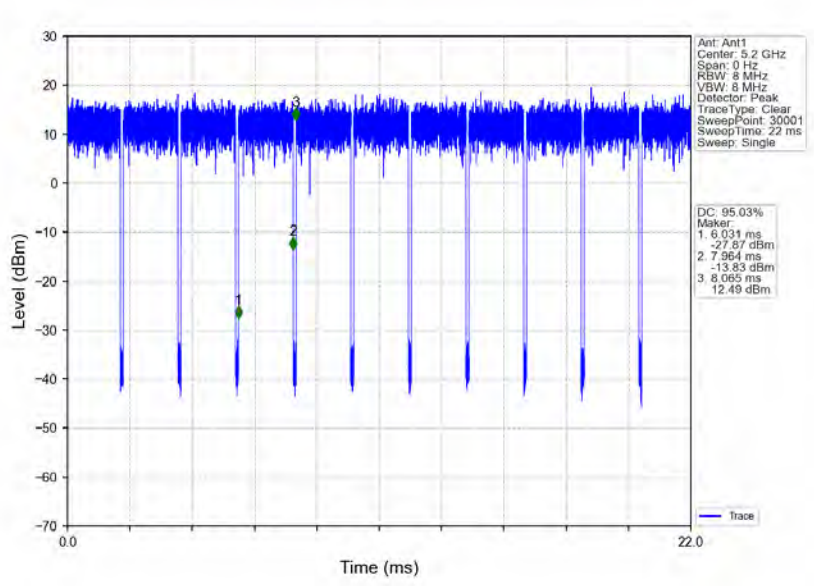
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



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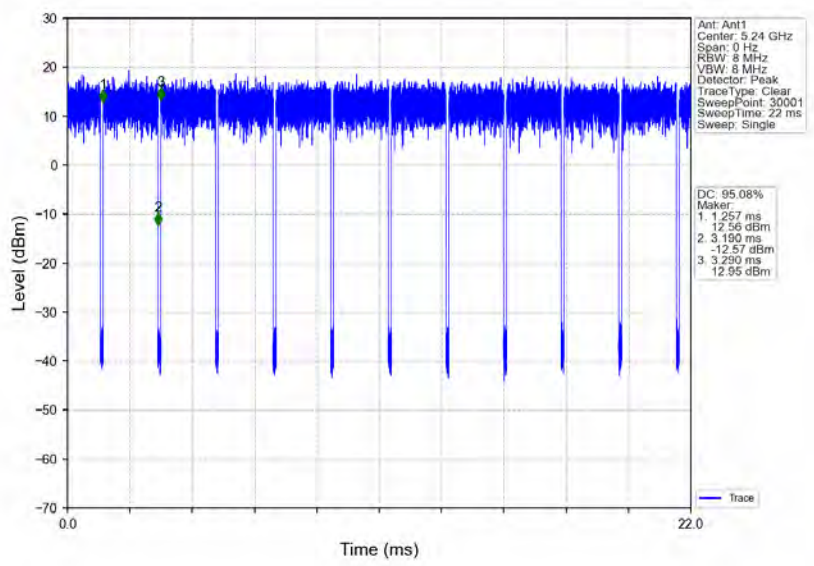

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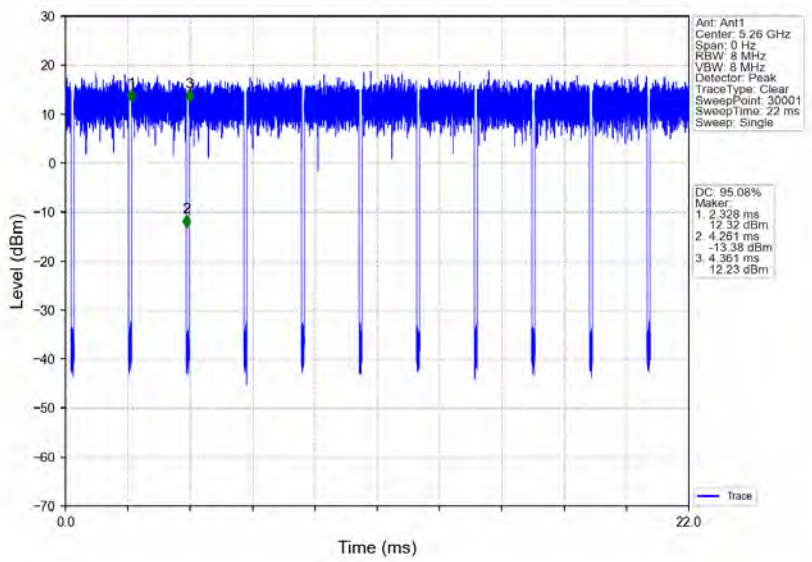
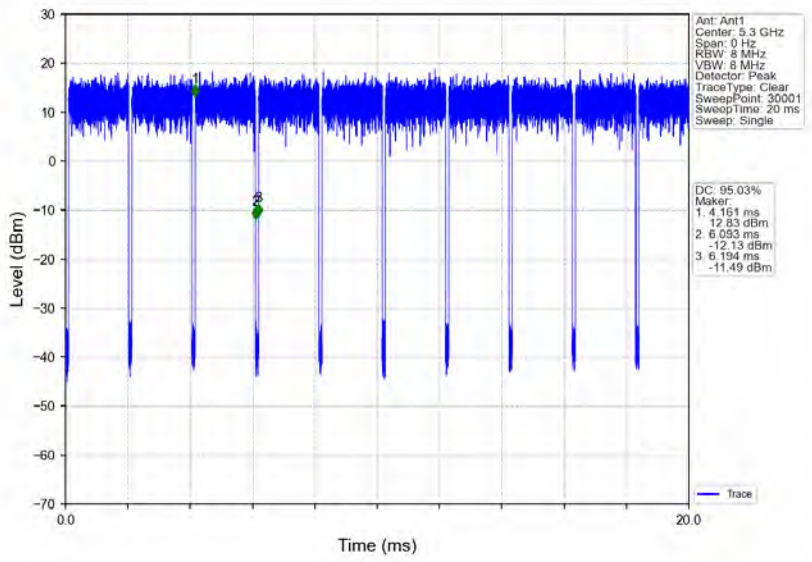
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



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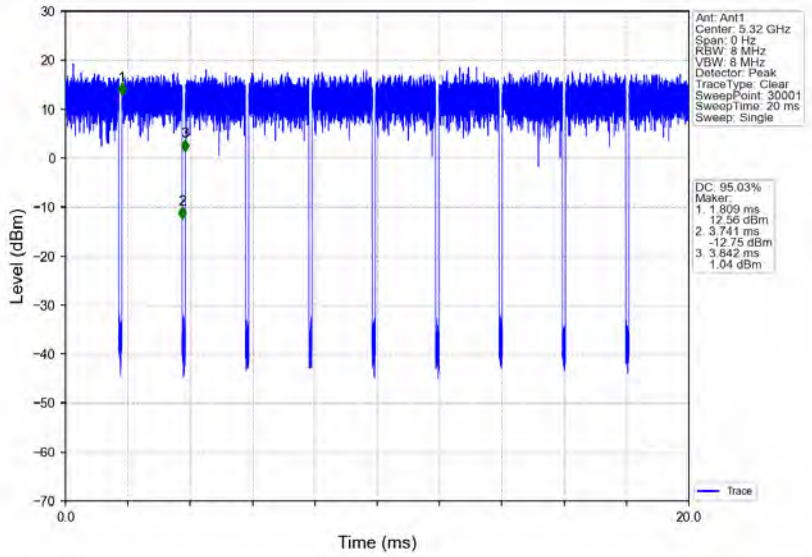
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



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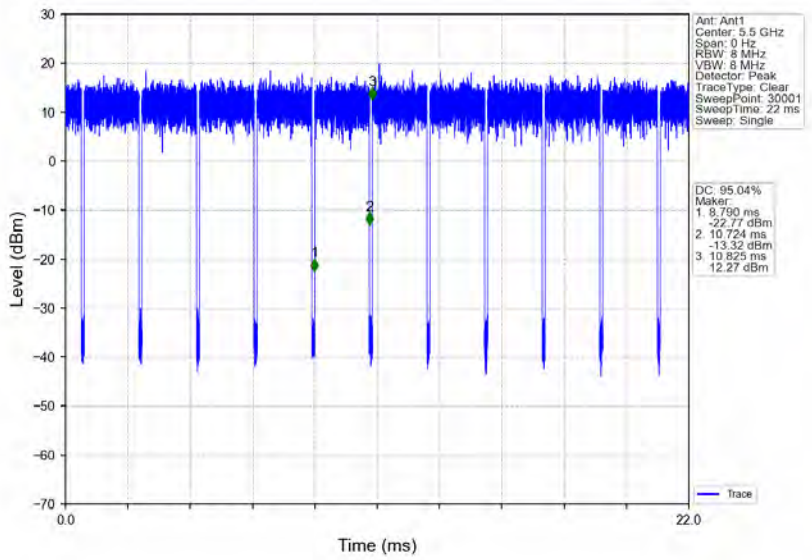

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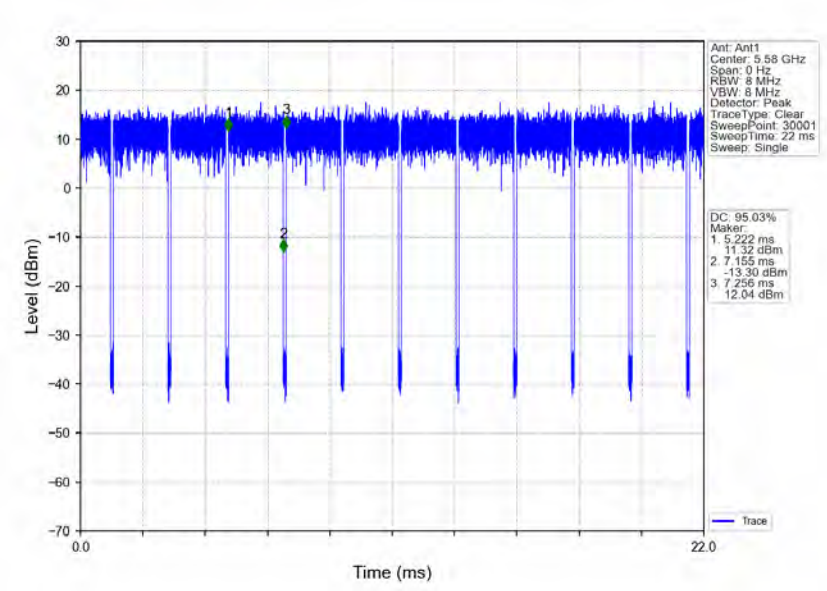
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



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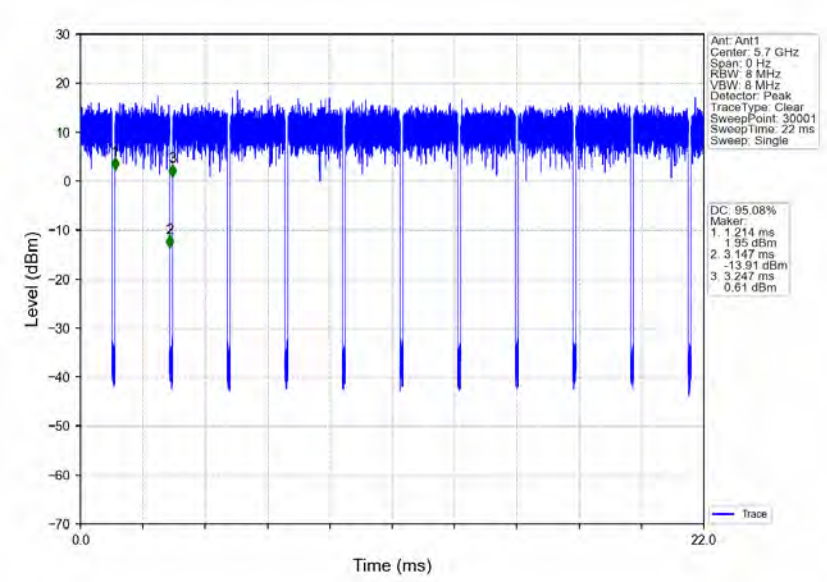

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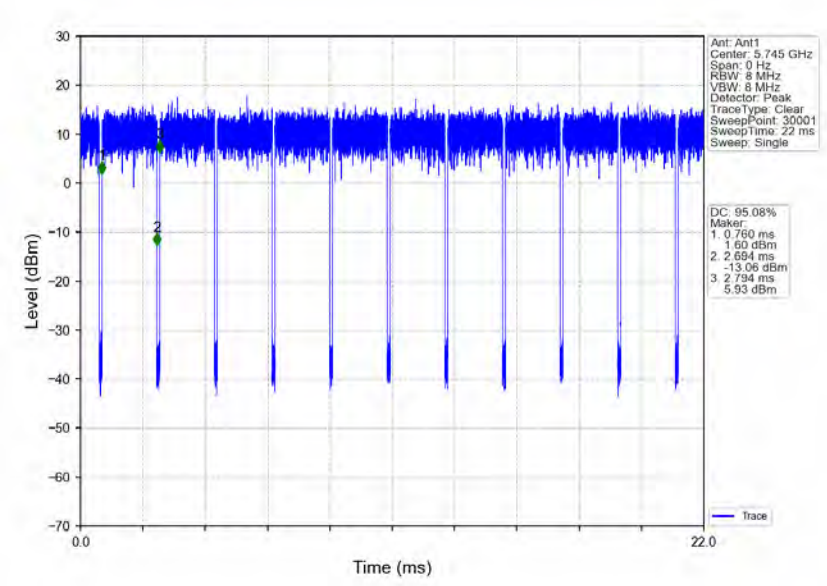
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



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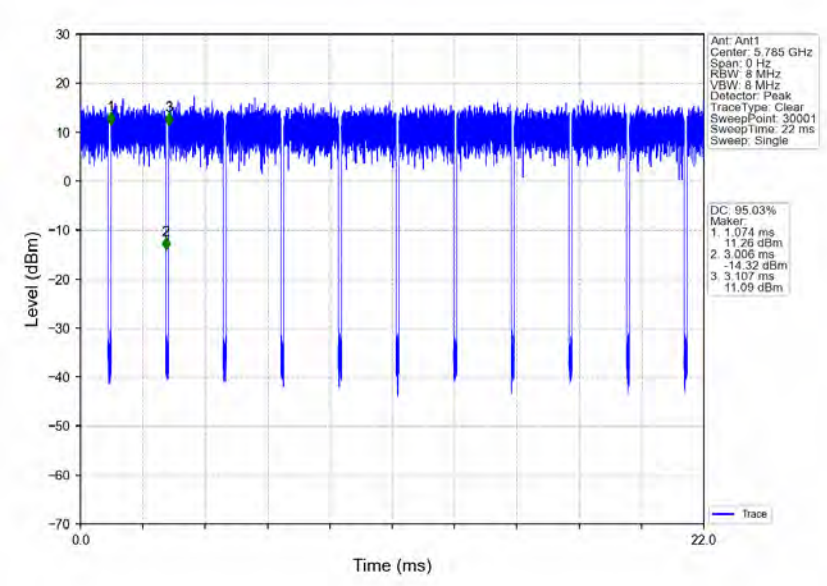

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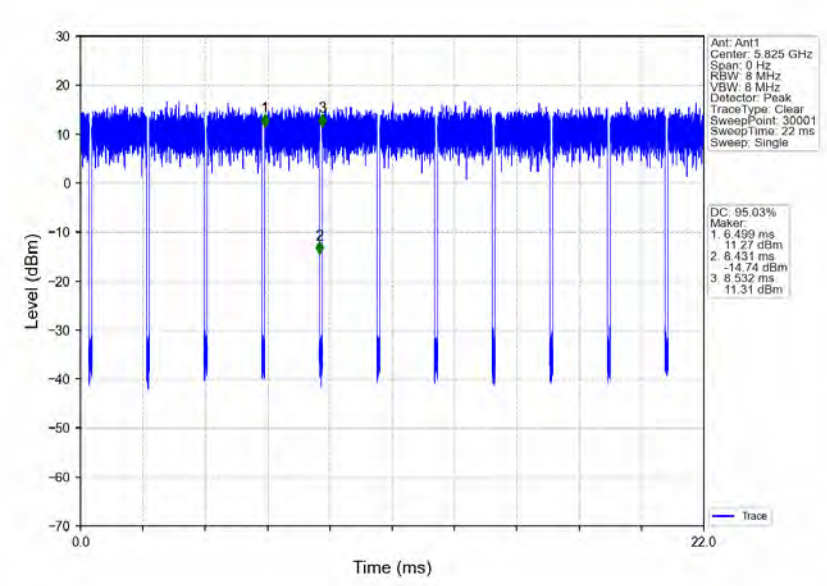
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



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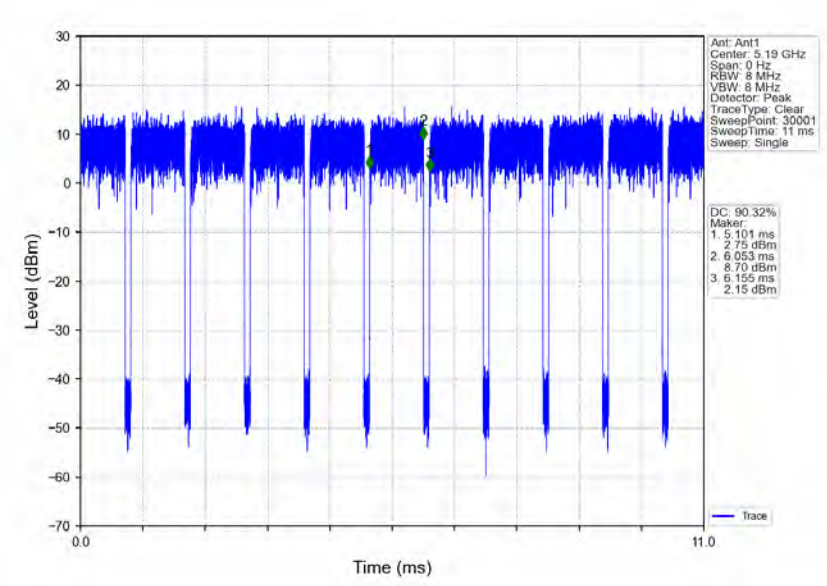

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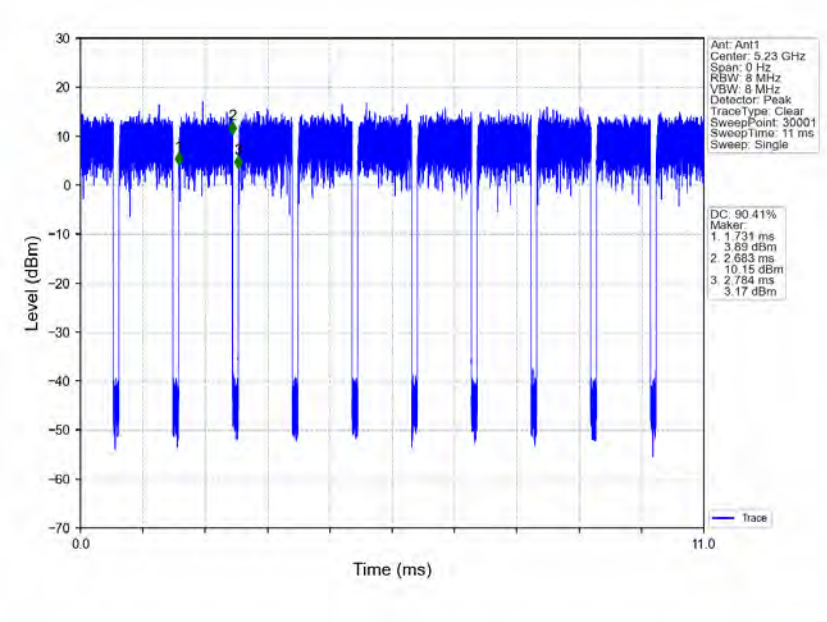
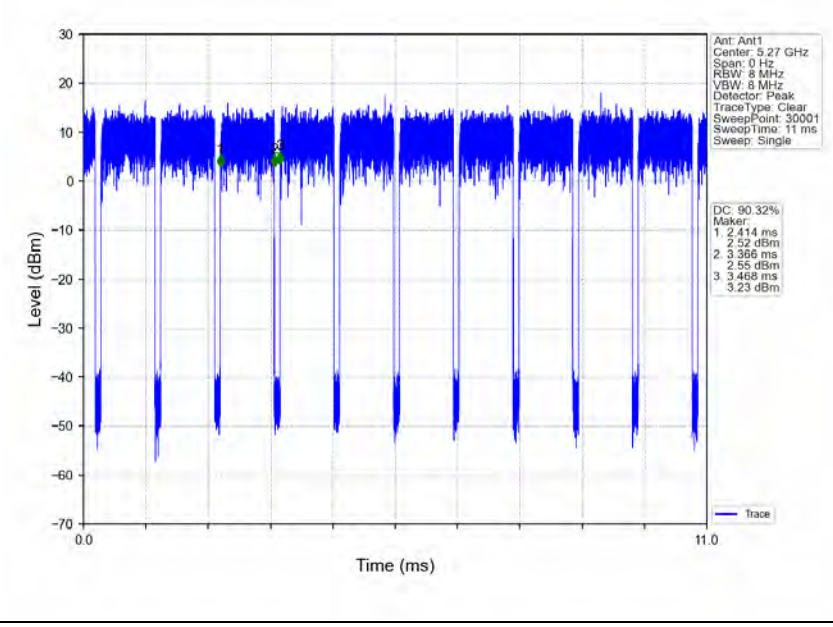
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



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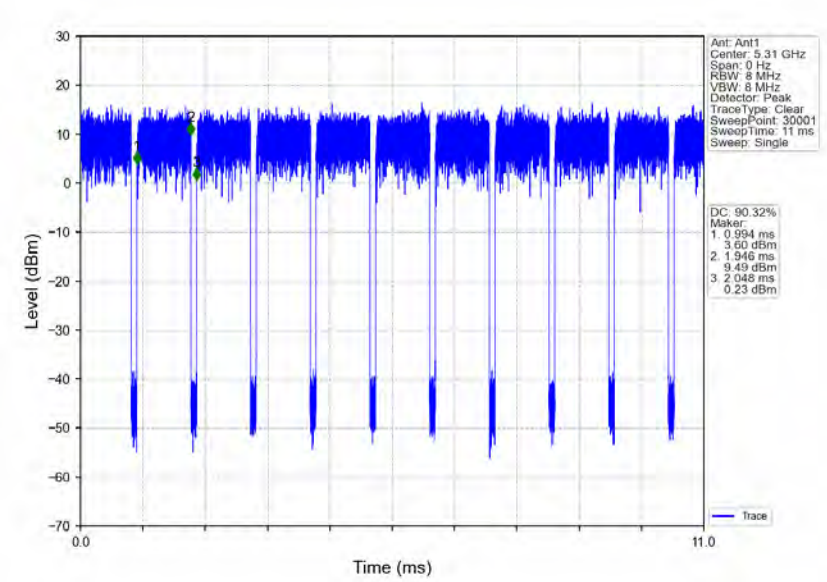
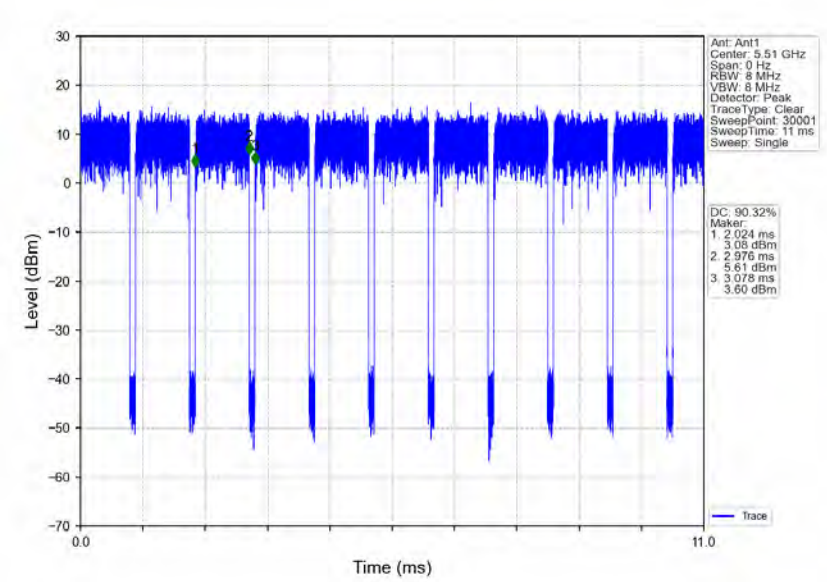
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



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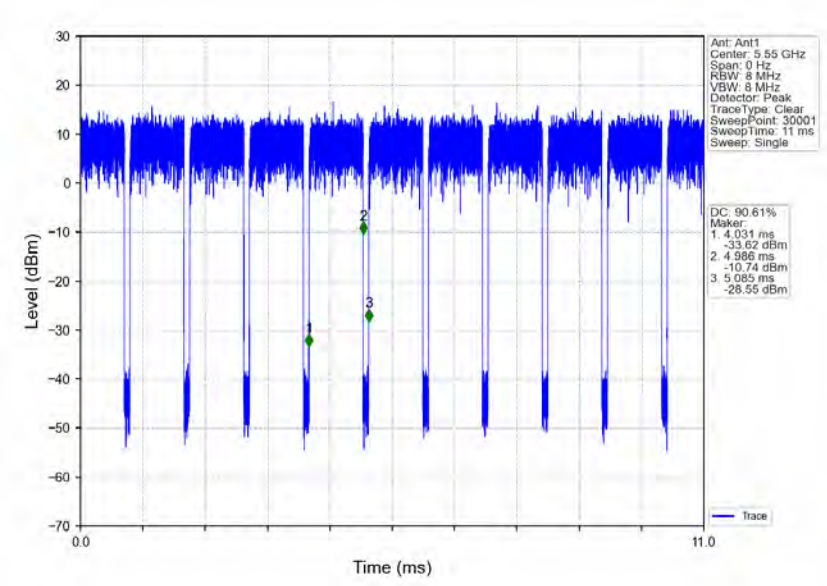
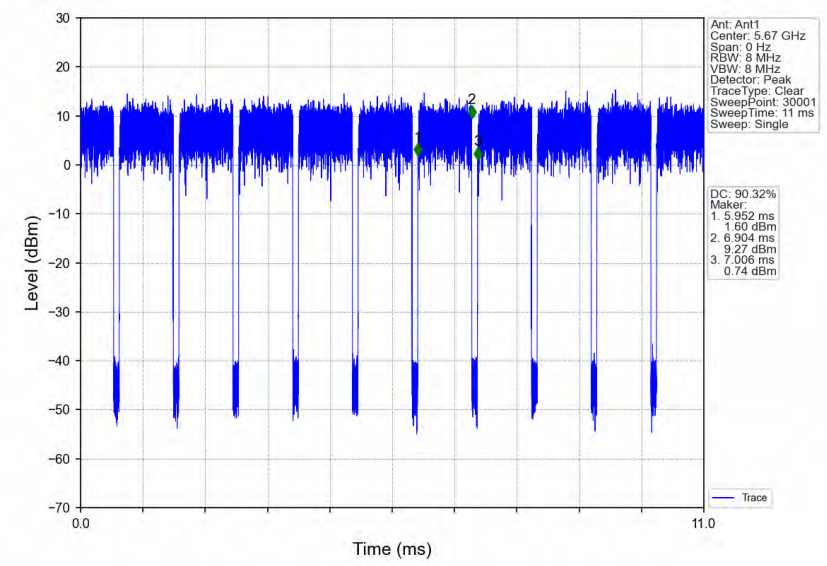
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



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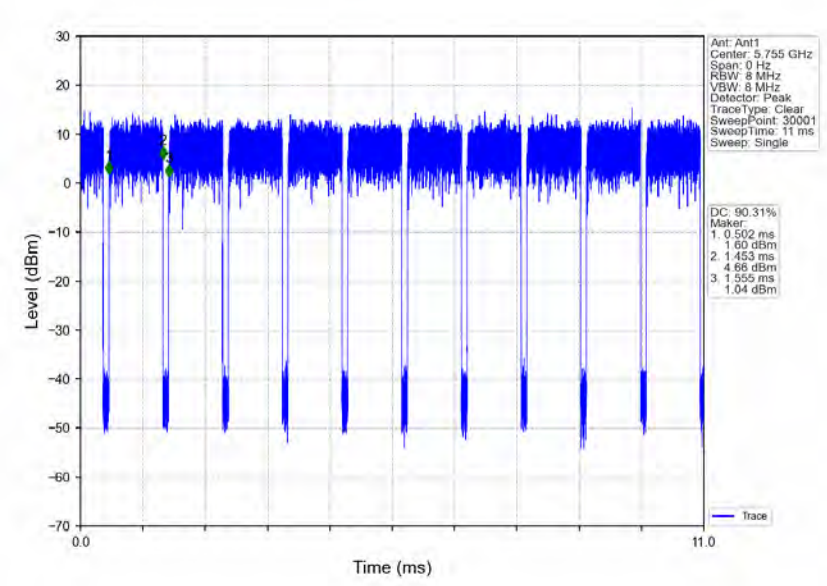
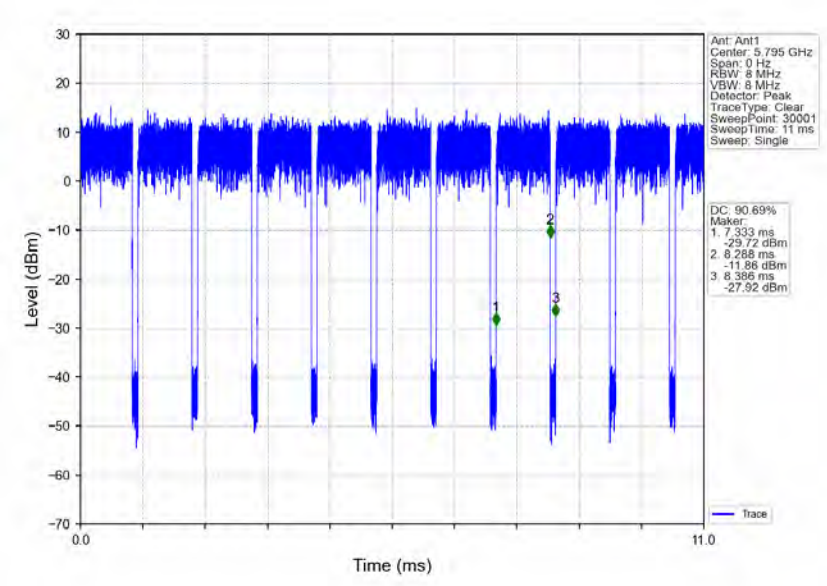
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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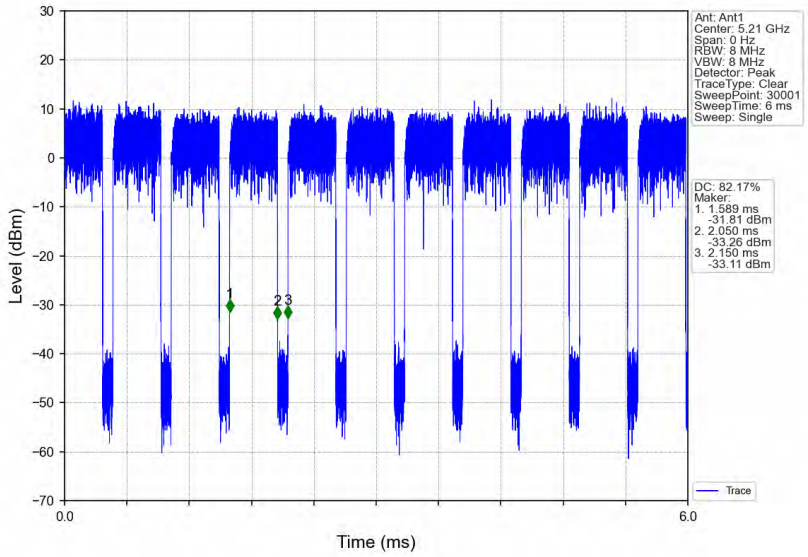
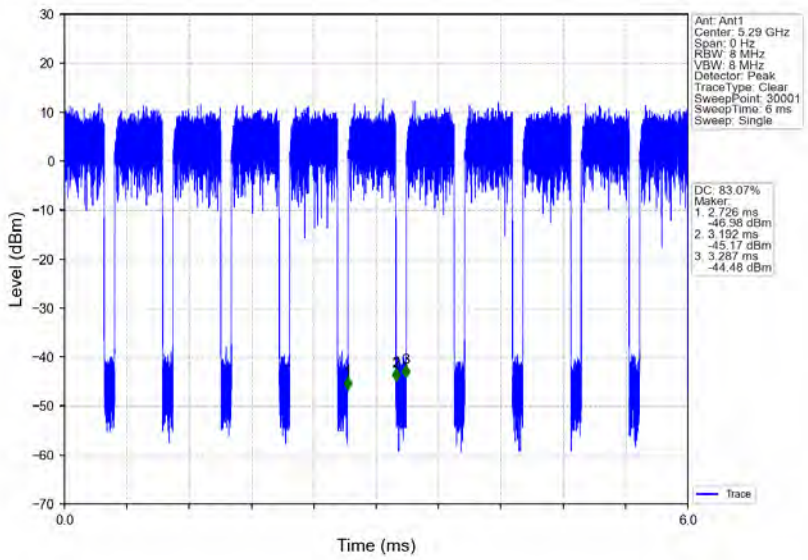
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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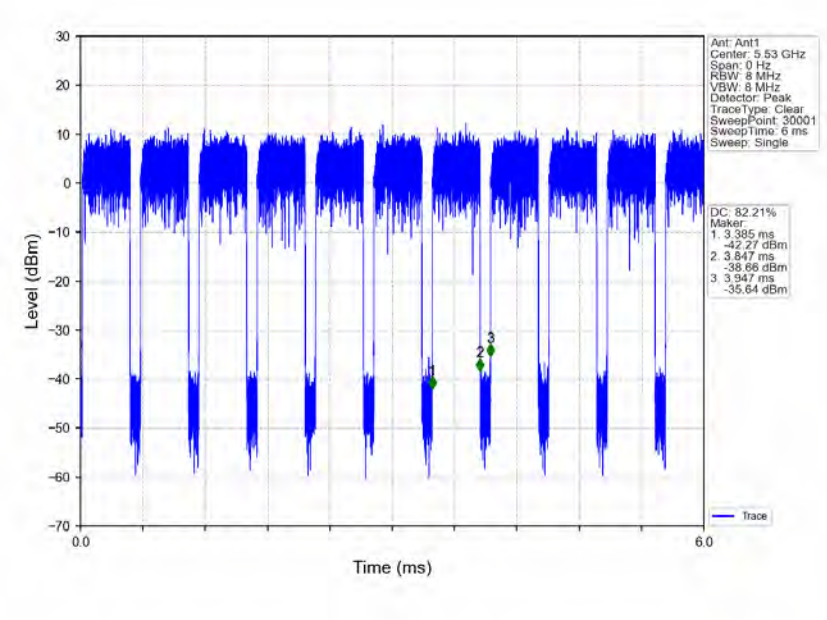
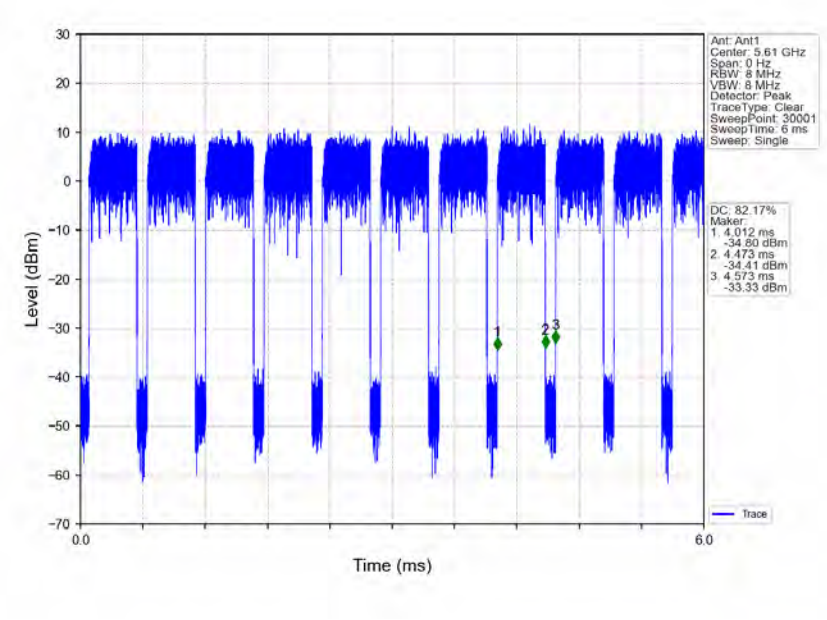
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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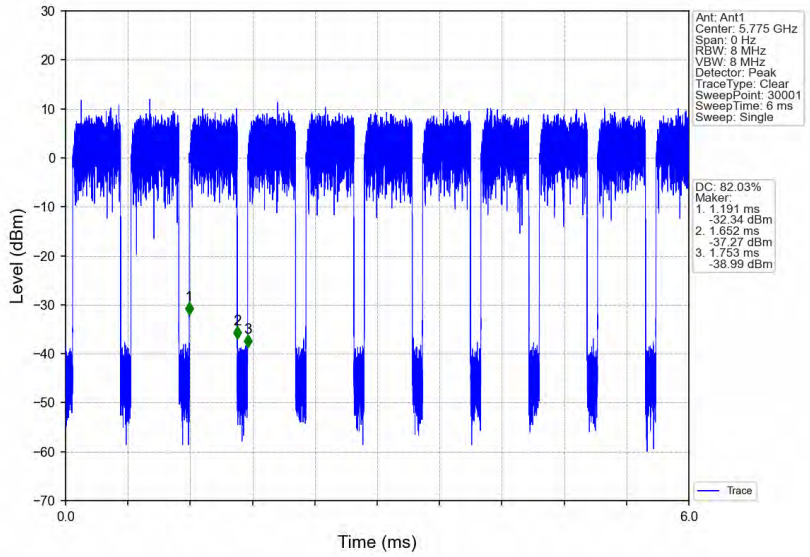
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz) Result	Verdict
802.11a	SISO	5180	1	17.894	Pass
		5200	1	17.800	Pass
		5240	1	17.839	Pass
		5260	1	17.847	Pass
		5300	1	17.792	Pass
		5320	1	17.865	Pass
		5500	1	17.797	Pass
		5580	1	17.834	Pass
		5700	1	17.750	Pass
		5745	1	17.911	Pass
		5785	1	17.811	Pass
		5825	1	17.768	Pass
802.11n (HT20)	SISO	5180	1	18.774	Pass
		5200	1	18.732	Pass
		5240	1	18.738	Pass
		5260	1	18.631	Pass
		5300	1	18.678	Pass
		5320	1	18.798	Pass
		5500	1	18.722	Pass
		5580	1	18.769	Pass
		5700	1	18.776	Pass
		5745	1	18.762	Pass
		5785	1	18.750	Pass
		5825	1	18.755	Pass
802.11n (HT40)	SISO	5190	1	36.631	Pass
		5230	1	36.578	Pass
		5270	1	36.627	Pass
		5310	1	36.621	Pass
		5510	1	36.648	Pass
		5550	1	36.642	Pass
		5670	1	36.604	Pass

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		5755	1	36.591	Pass
		5795	1	36.643	Pass
802.11ac (VHT20)	SISO	5180	1	18.806	Pass
		5200	1	18.731	Pass
		5240	1	18.764	Pass
		5260	1	18.758	Pass
		5300	1	18.775	Pass
		5320	1	18.720	Pass
		5500	1	18.763	Pass
		5580	1	18.791	Pass
		5700	1	18.754	Pass
		5745	1	18.746	Pass
		5785	1	18.770	Pass
		5825	1	18.707	Pass
802.11ac (VHT40)	SISO	5190	1	36.726	Pass
		5230	1	36.640	Pass
		5270	1	36.643	Pass
		5310	1	36.552	Pass
		5510	1	36.648	Pass
		5550	1	36.600	Pass
		5670	1	36.768	Pass
		5755	1	36.570	Pass
		5795	1	36.707	Pass
802.11ac (VHT80)	SISO	5210	1	76.195	Pass
		5290	1	75.919	Pass
		5530	1	75.935	Pass
		5610	1	75.866	Pass
		5775	1	75.942	Pass

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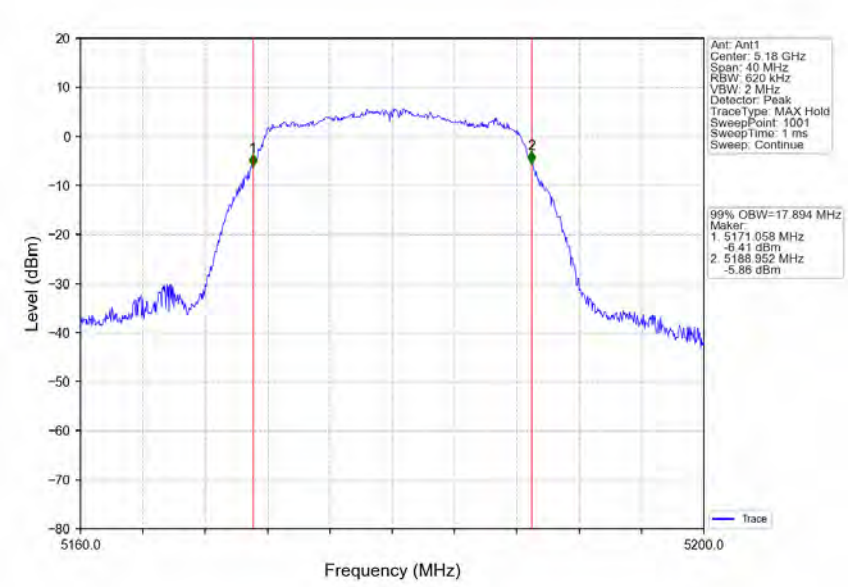
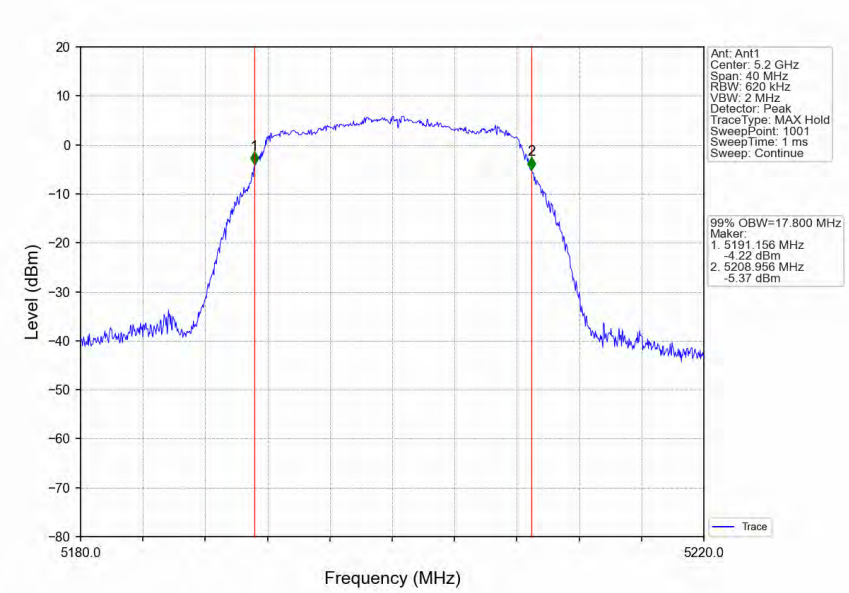
2.1.2 Test Graph

802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV



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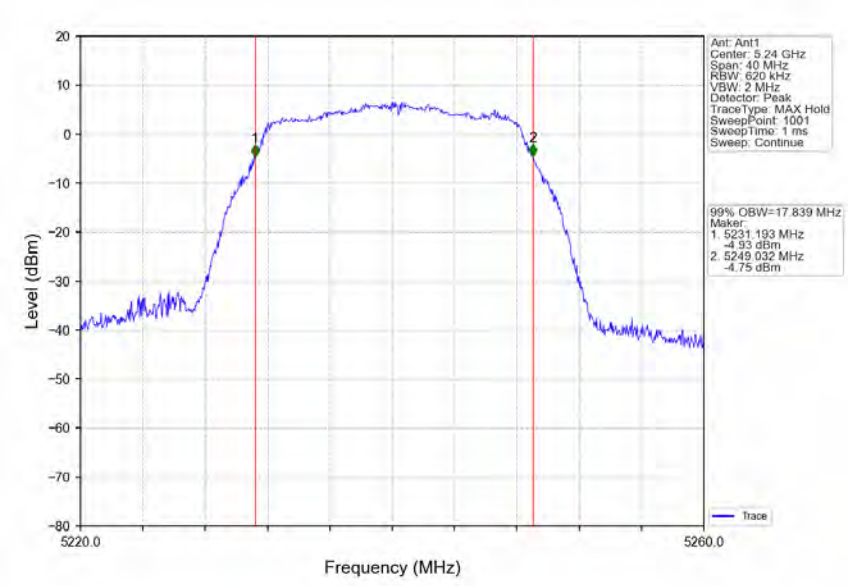
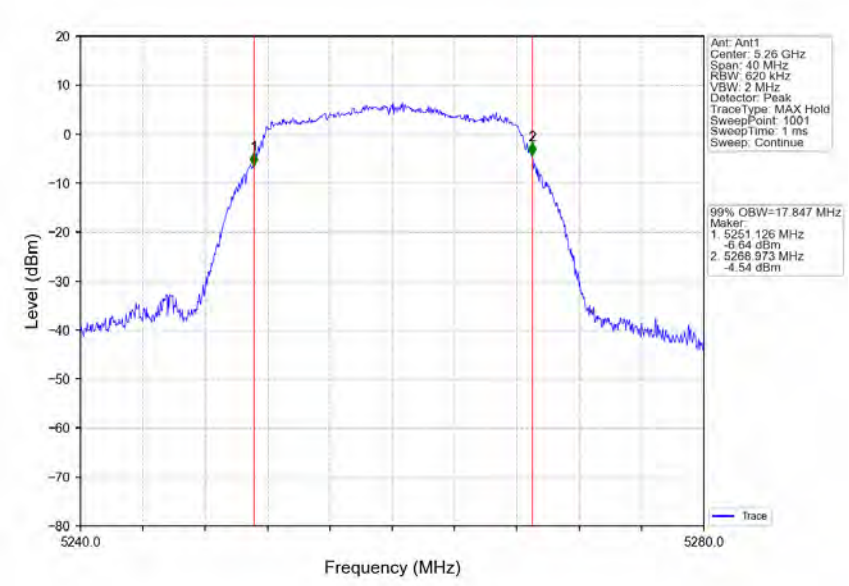
802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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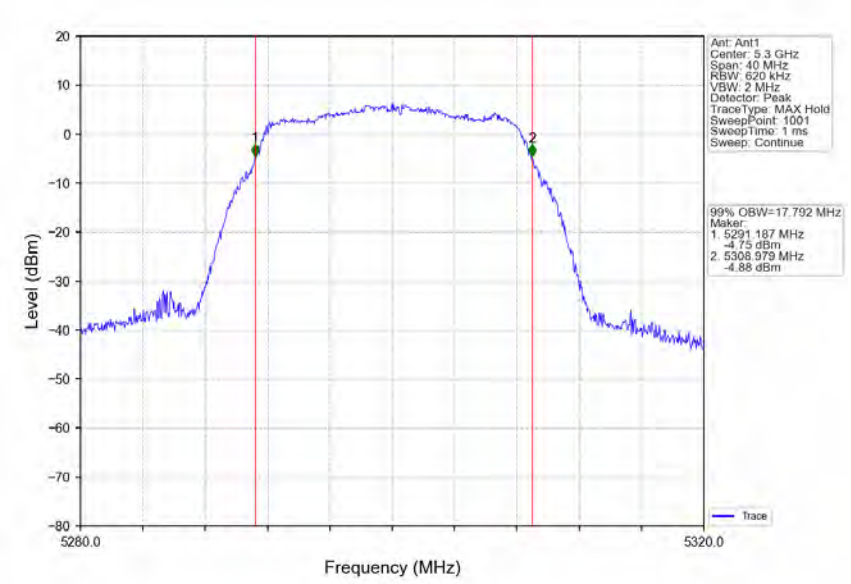
802.11a_MCH_5300MHz_Ant1_NTNV



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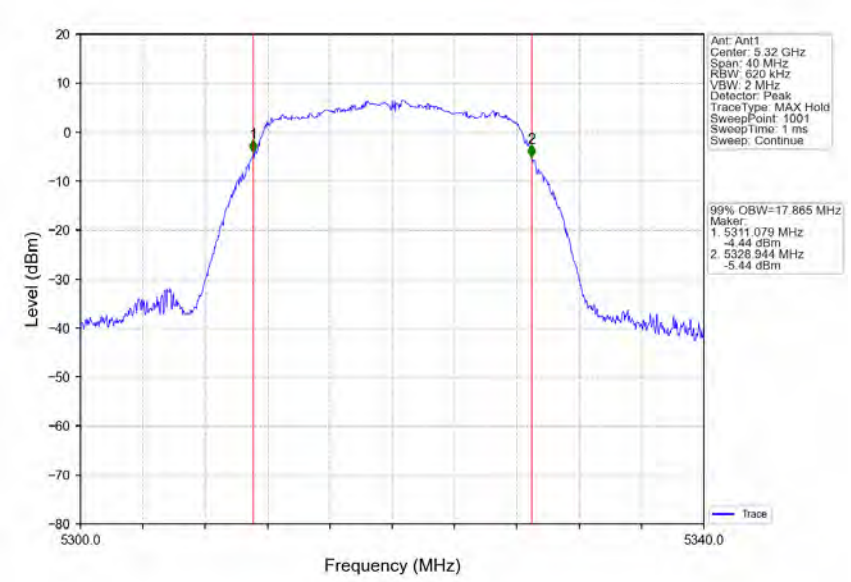

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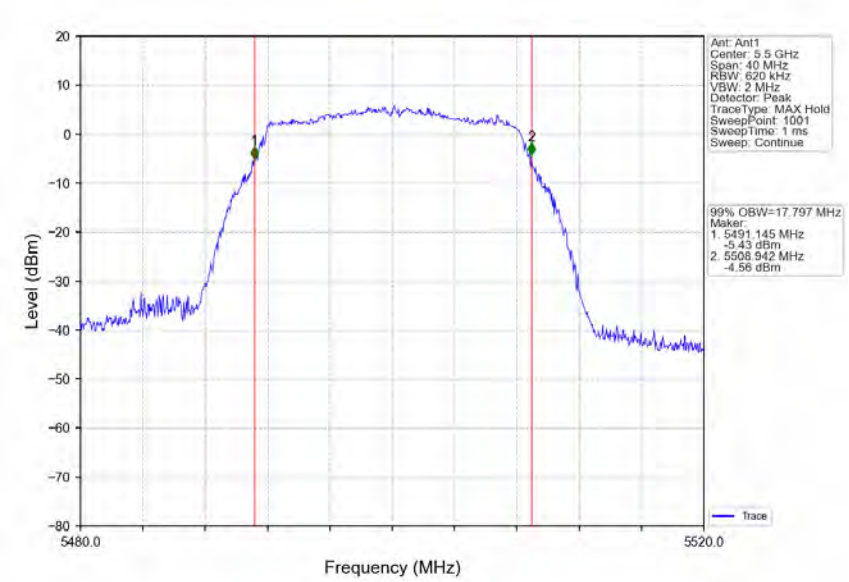
802.11a_LCH_5500MHz_Ant1_NTNV



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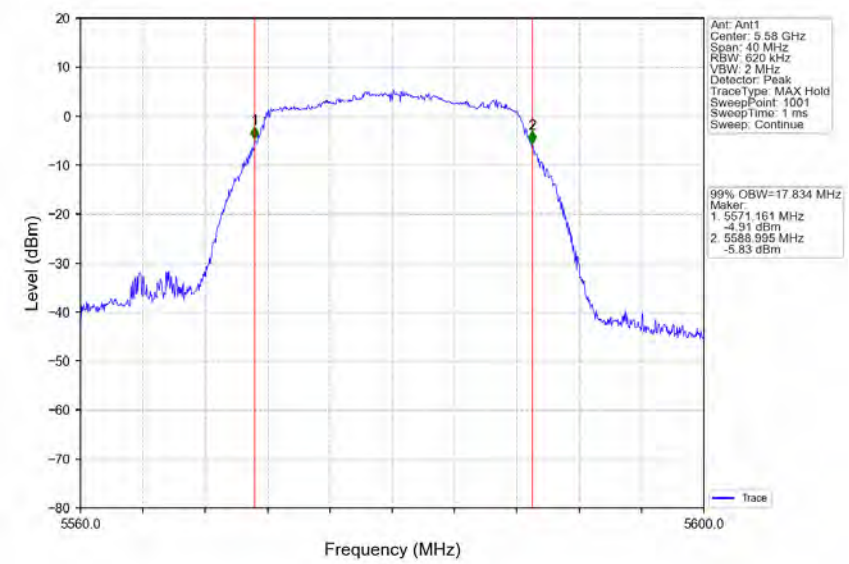

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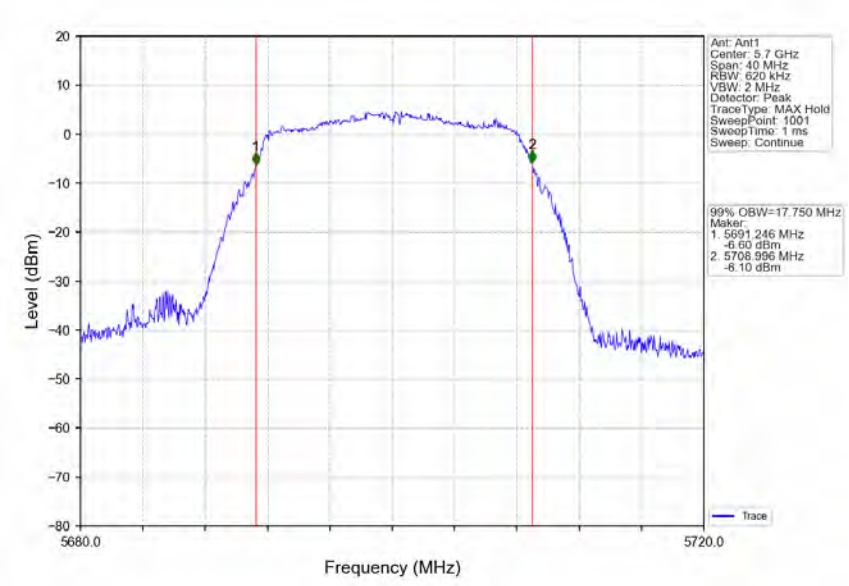
802.11a_HCH_5700MHz_Ant1_NTNV



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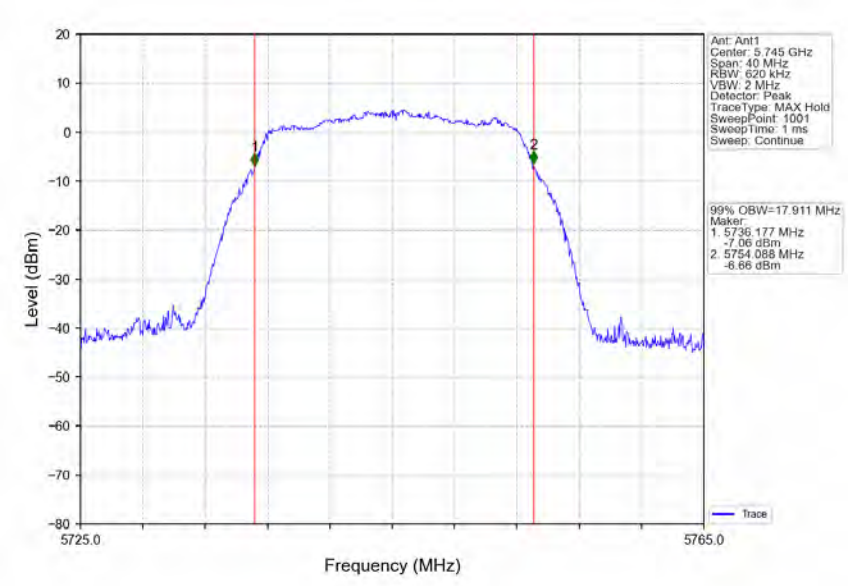

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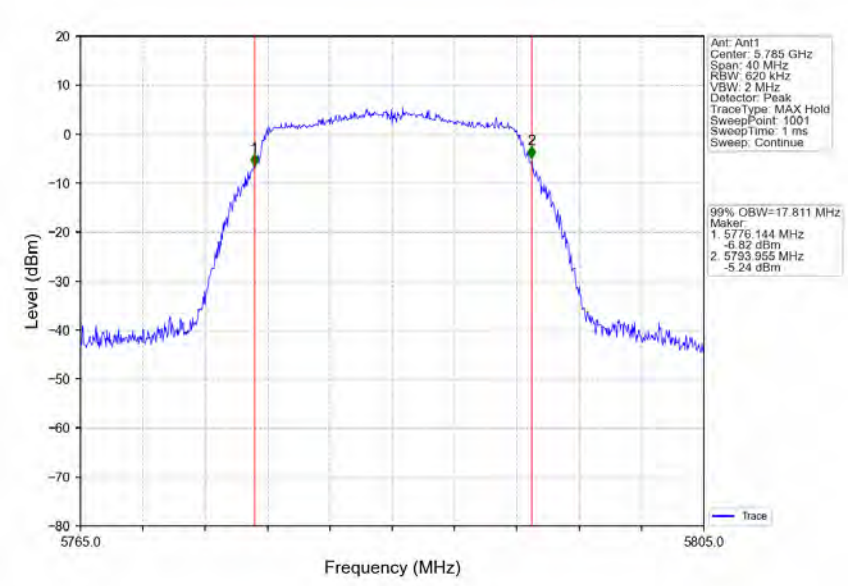
802.11a_MCH_5785MHz_Ant1_NTNV



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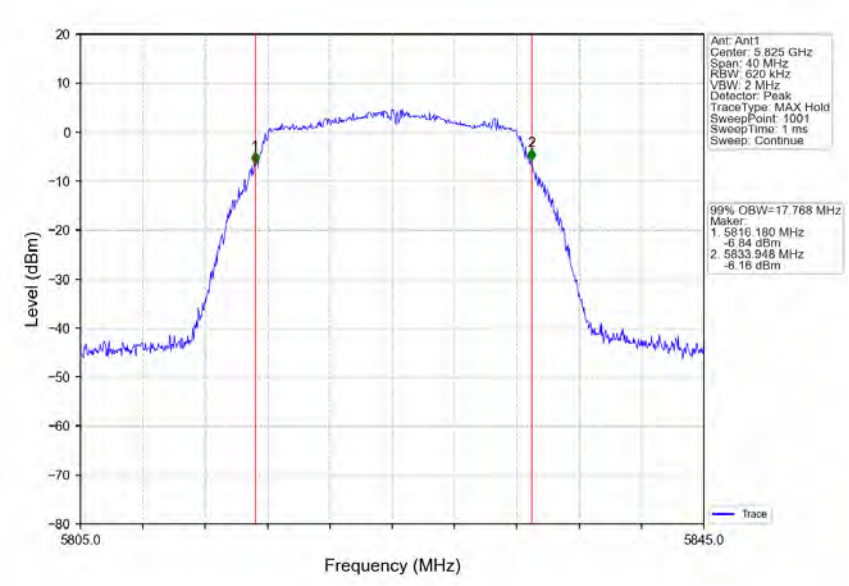

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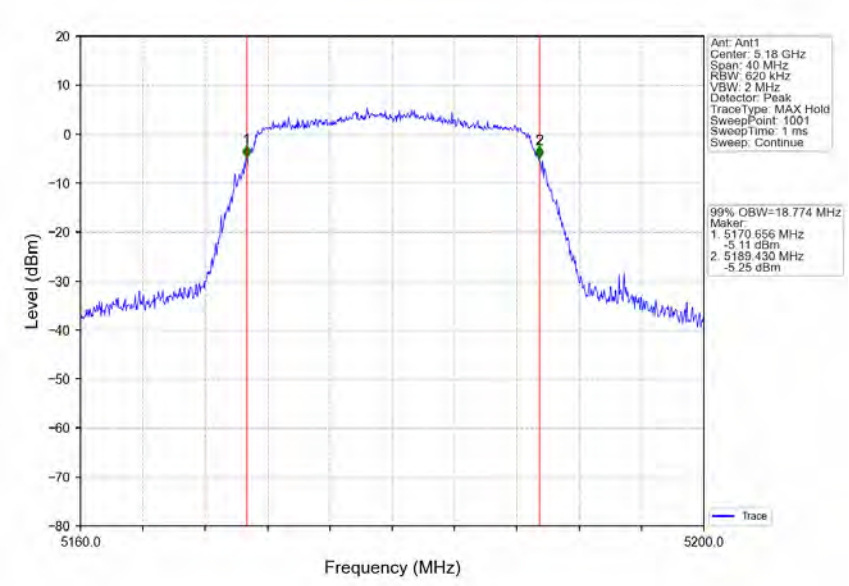
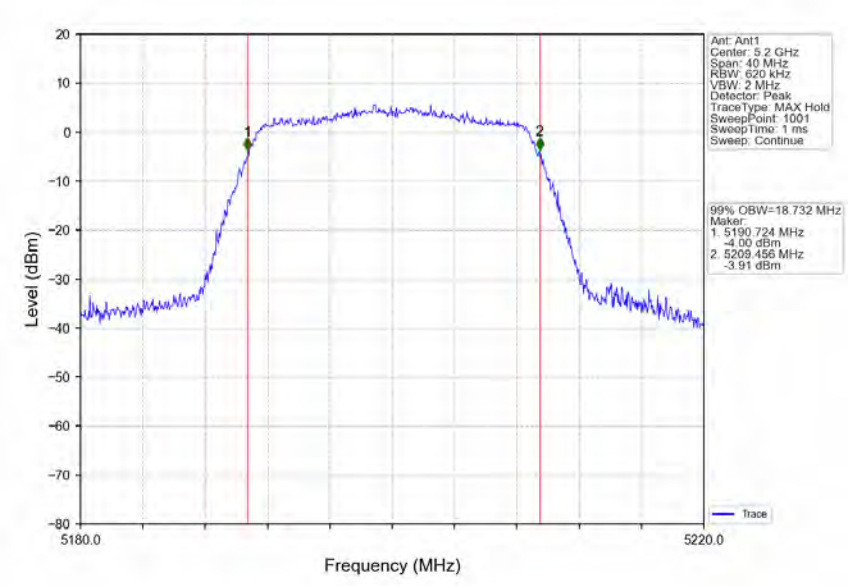
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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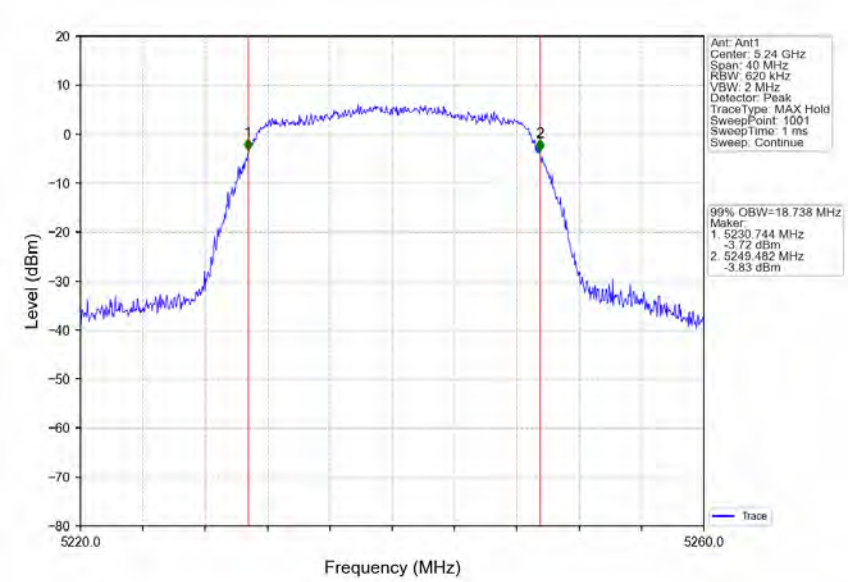
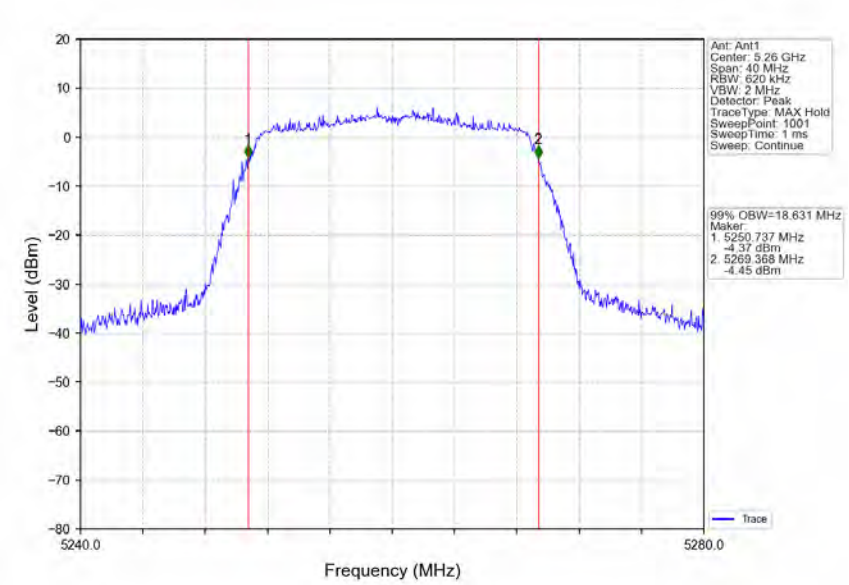


802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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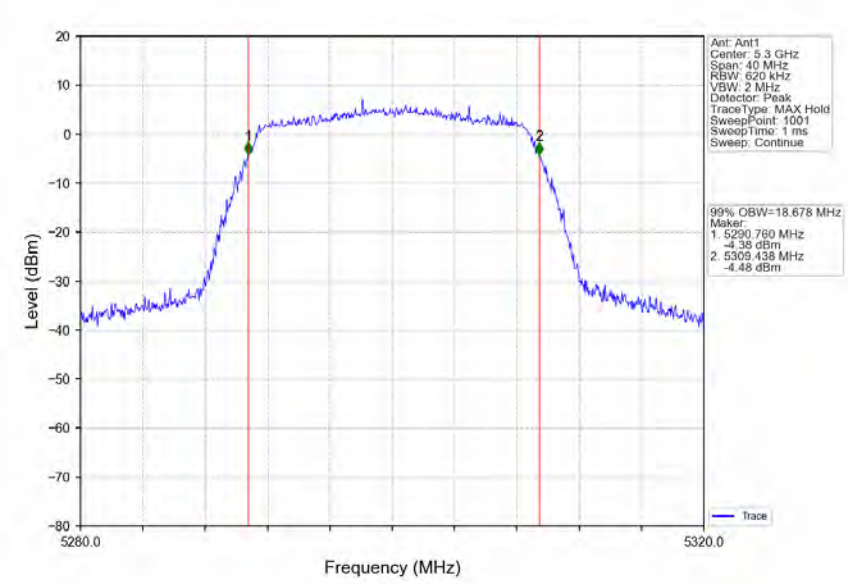
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



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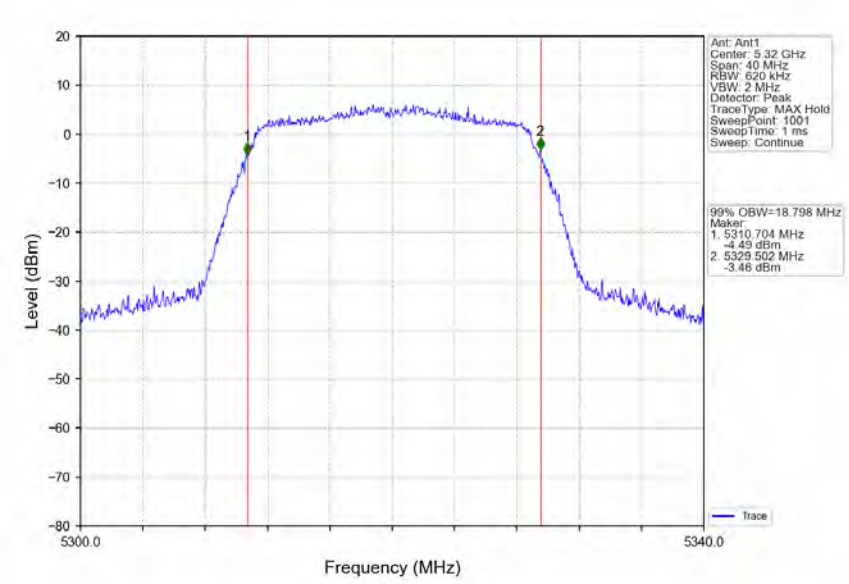

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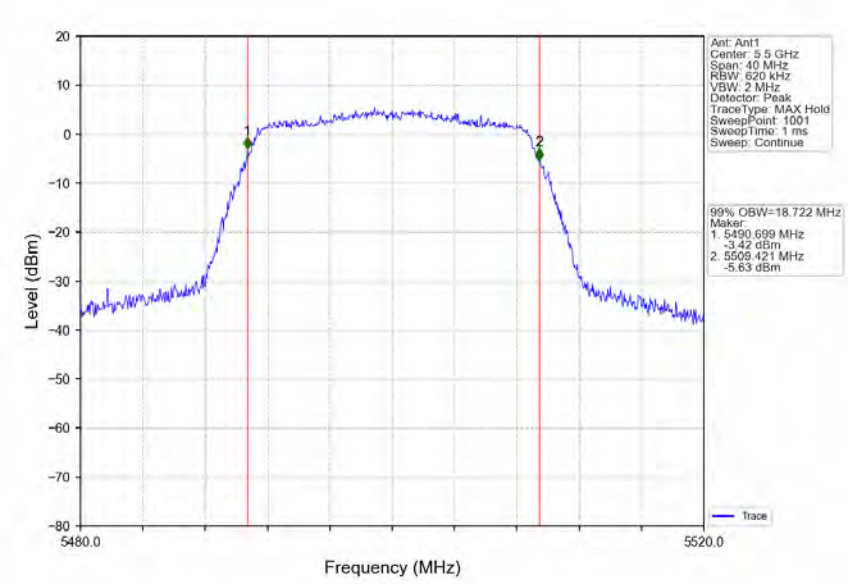
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



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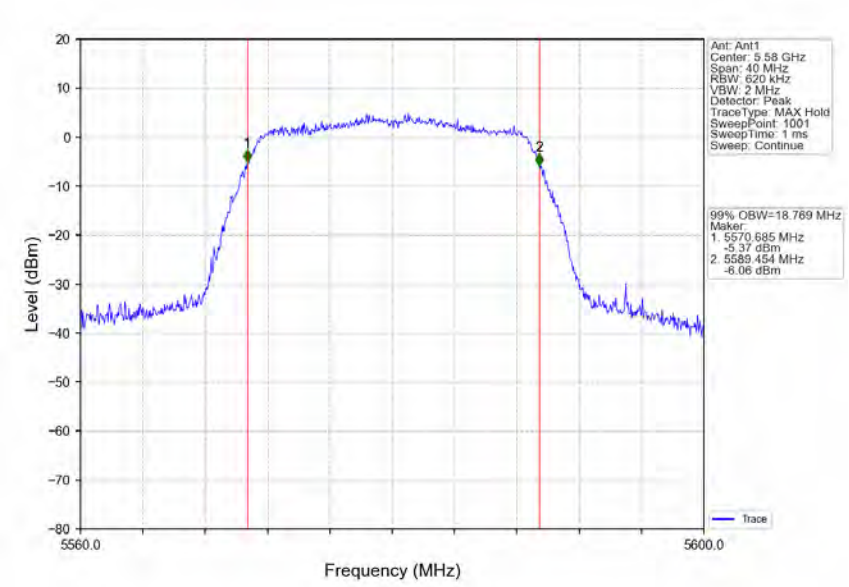

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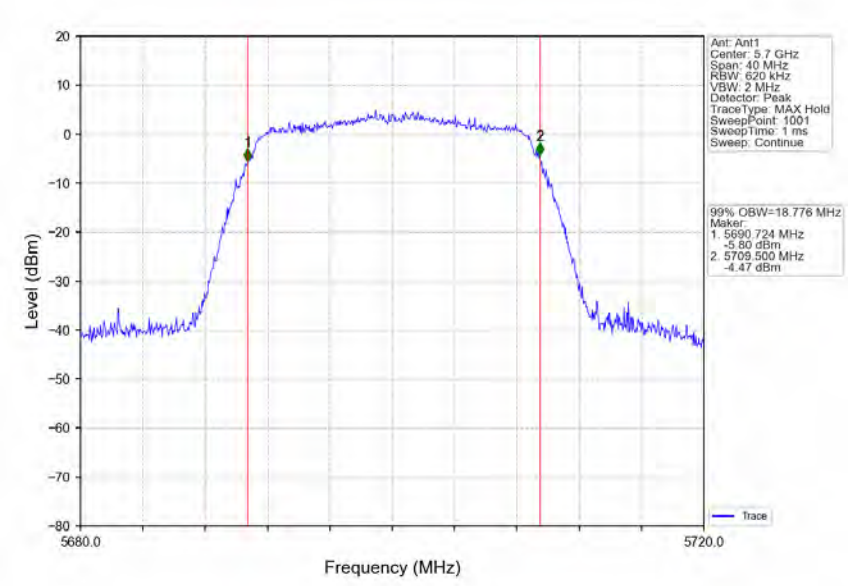
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



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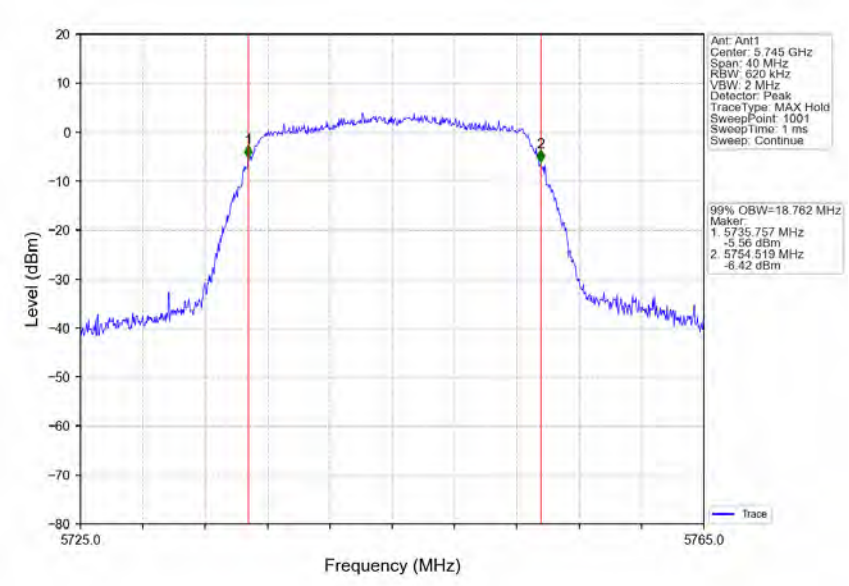

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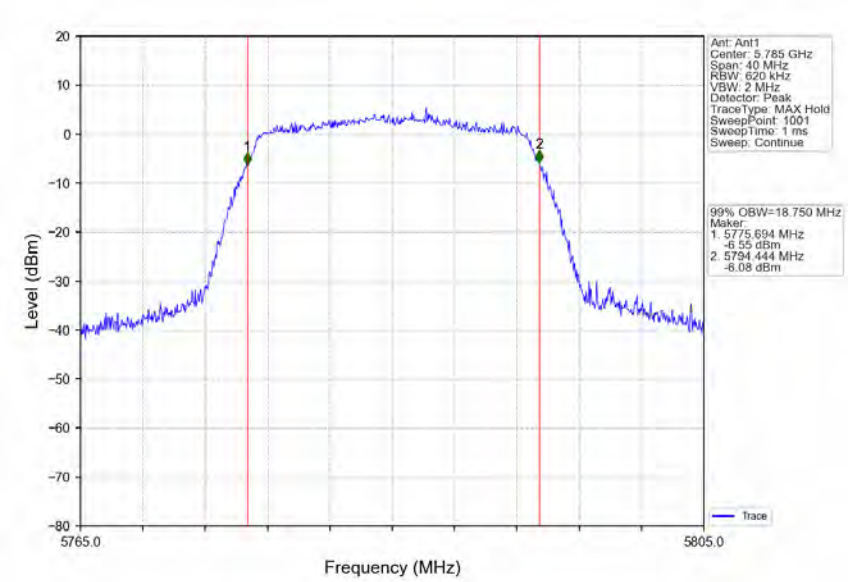
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



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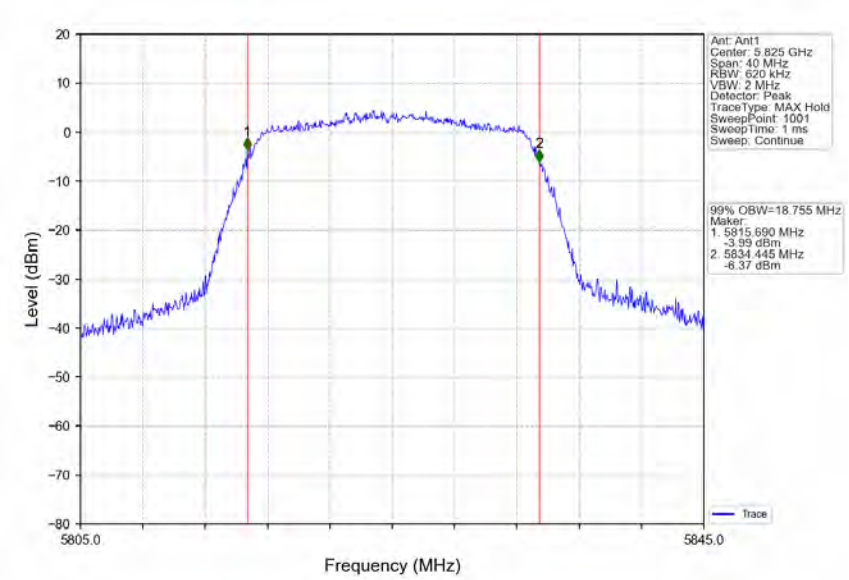

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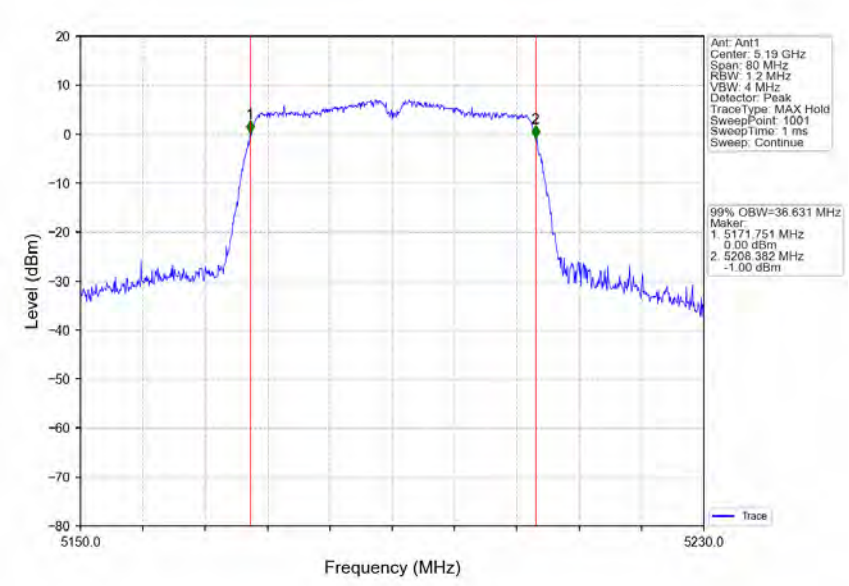
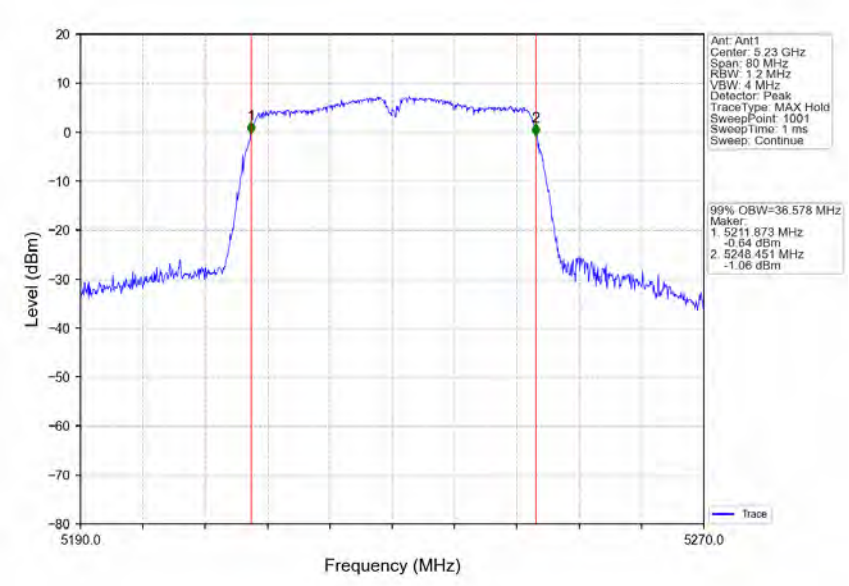
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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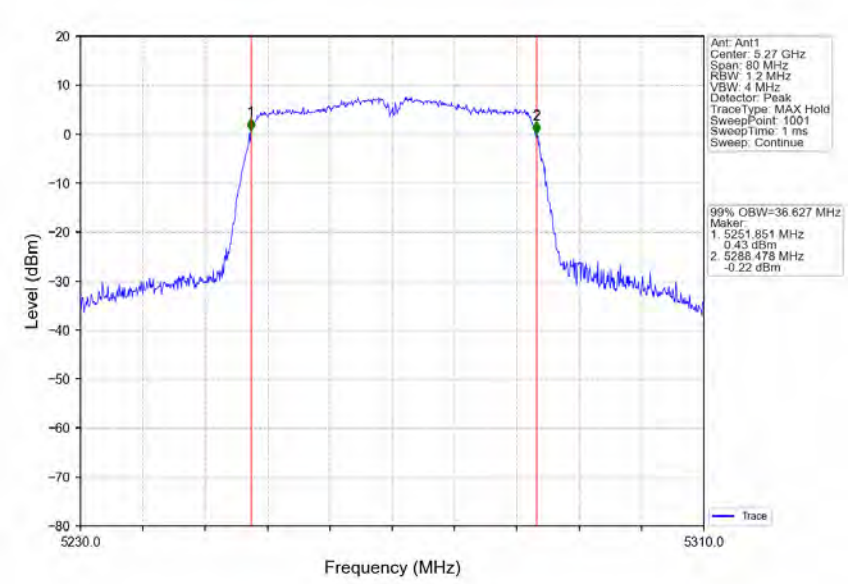
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



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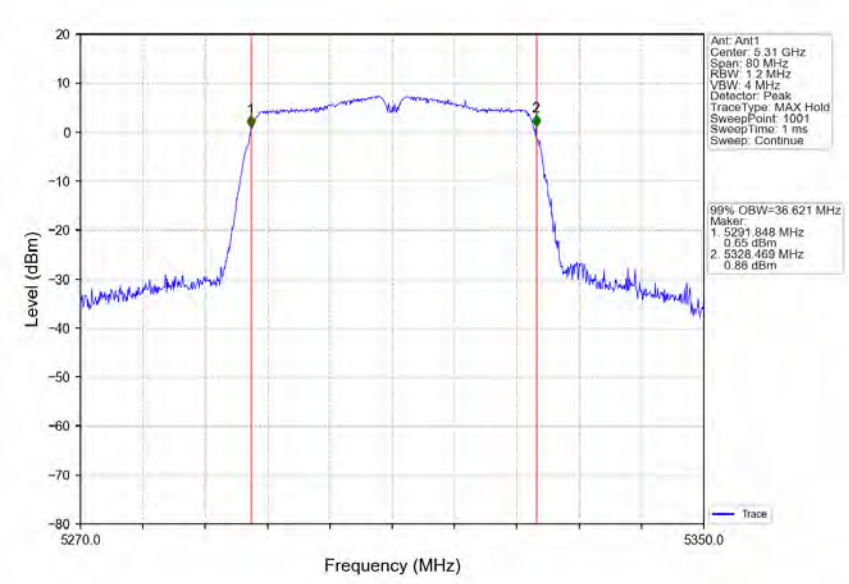

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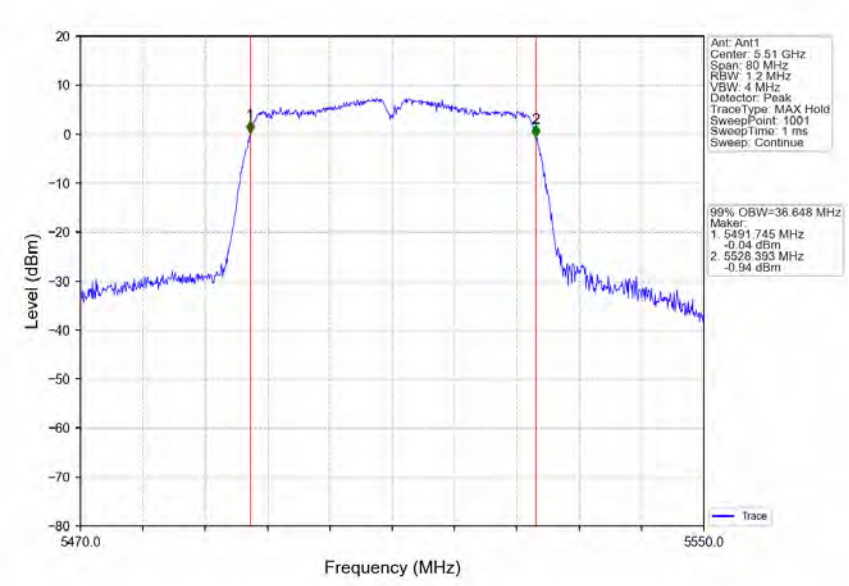
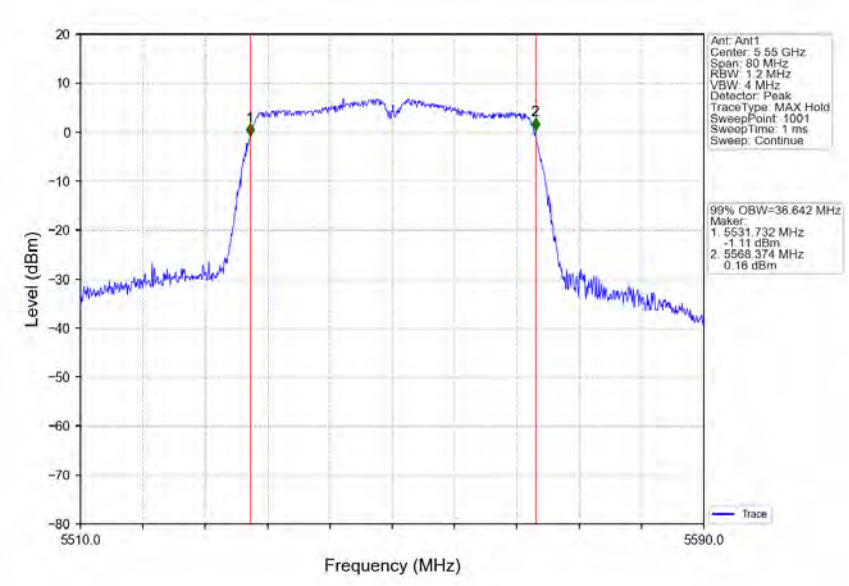
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



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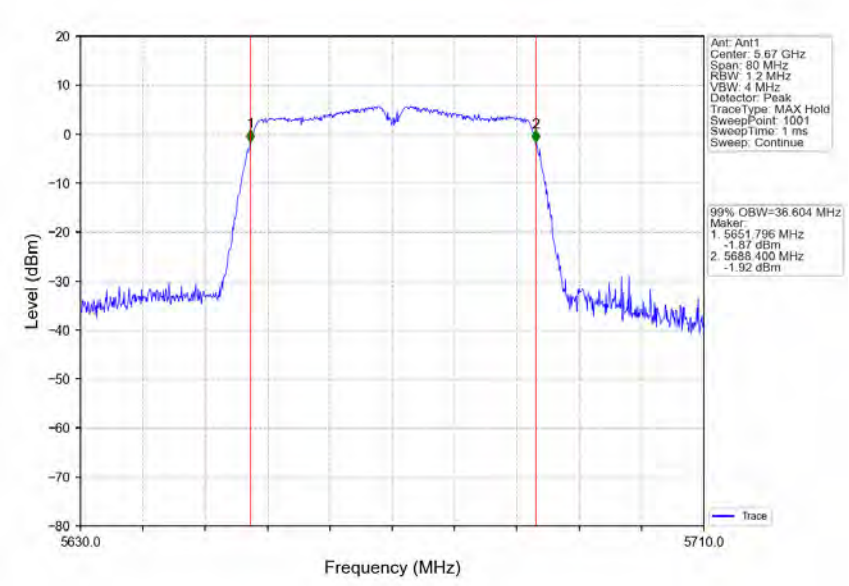
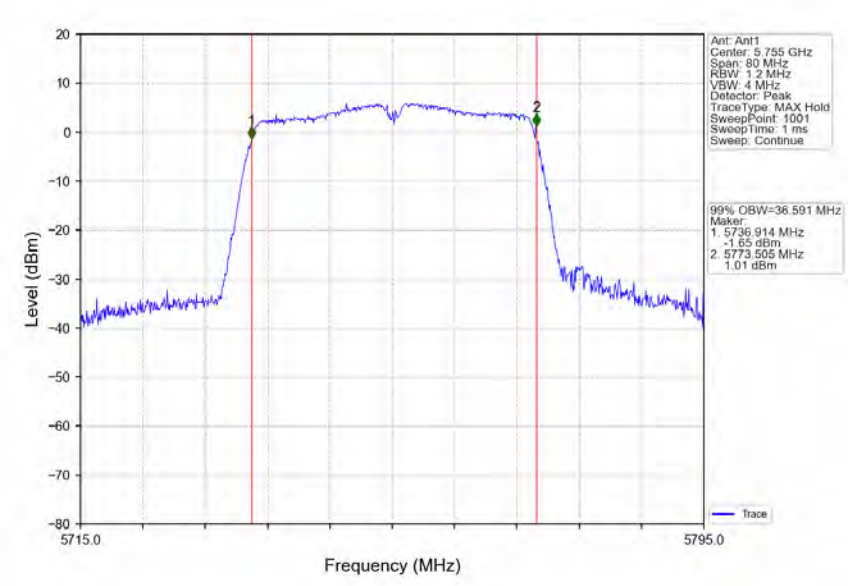
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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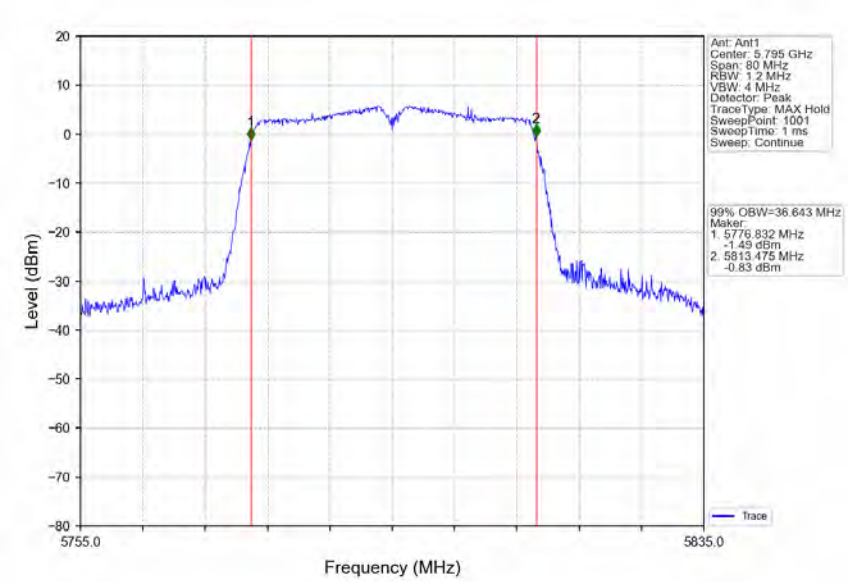
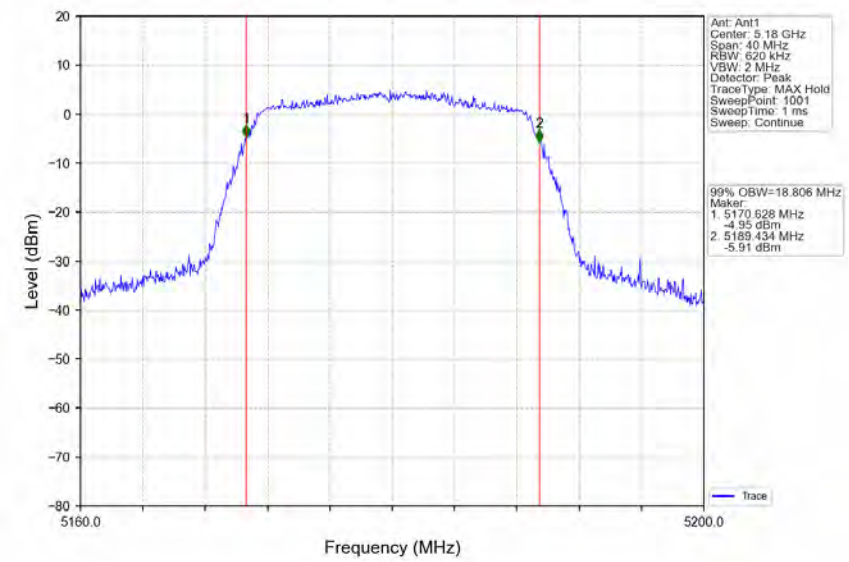


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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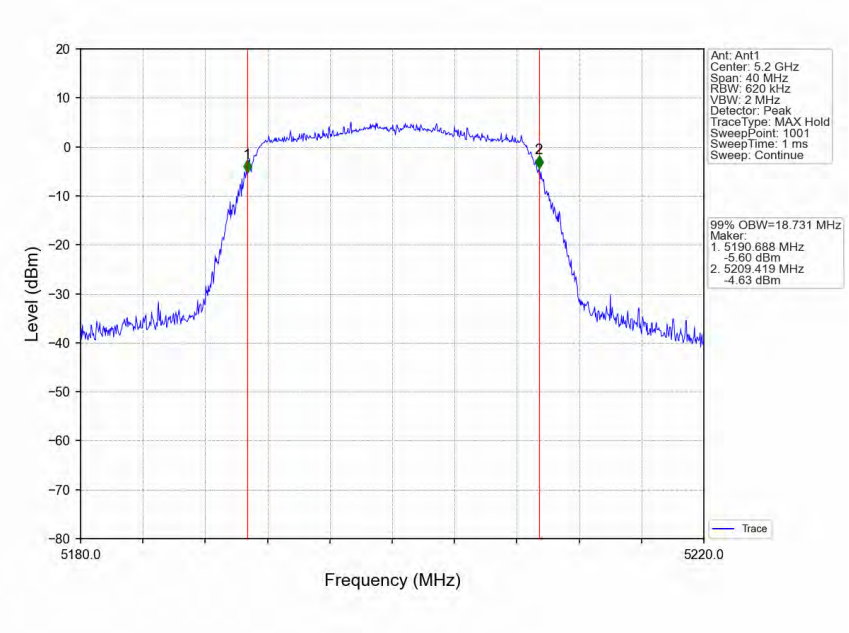
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



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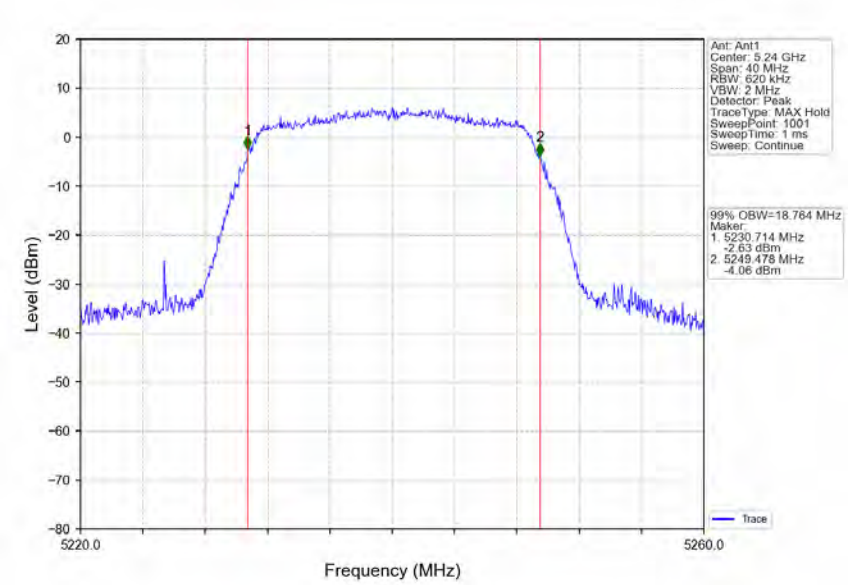

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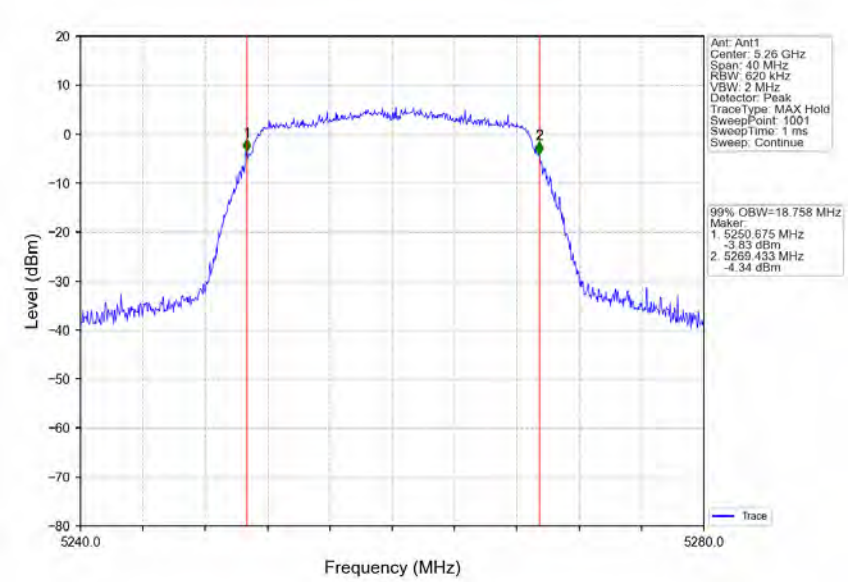
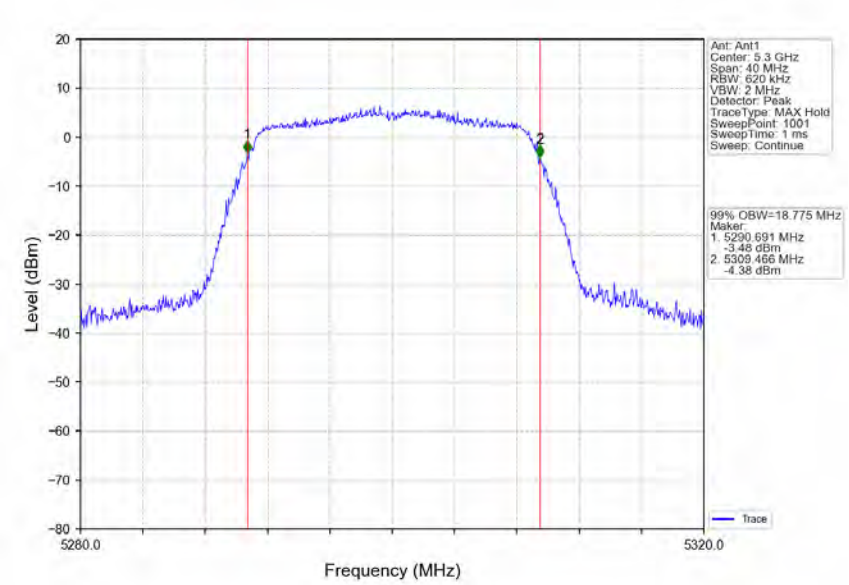
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



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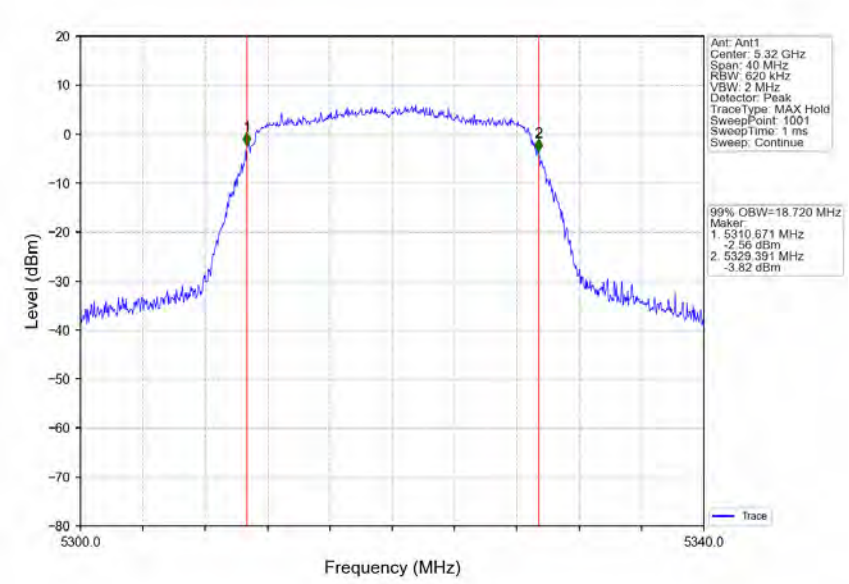
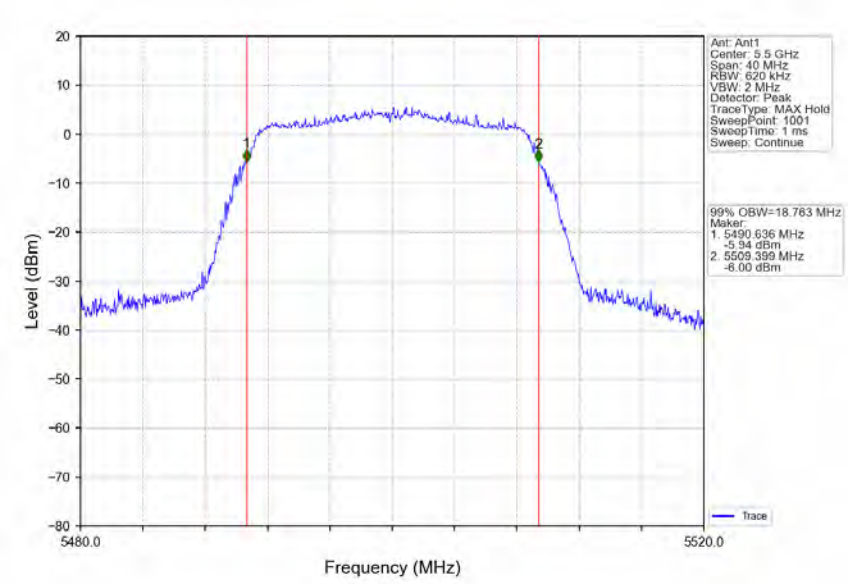
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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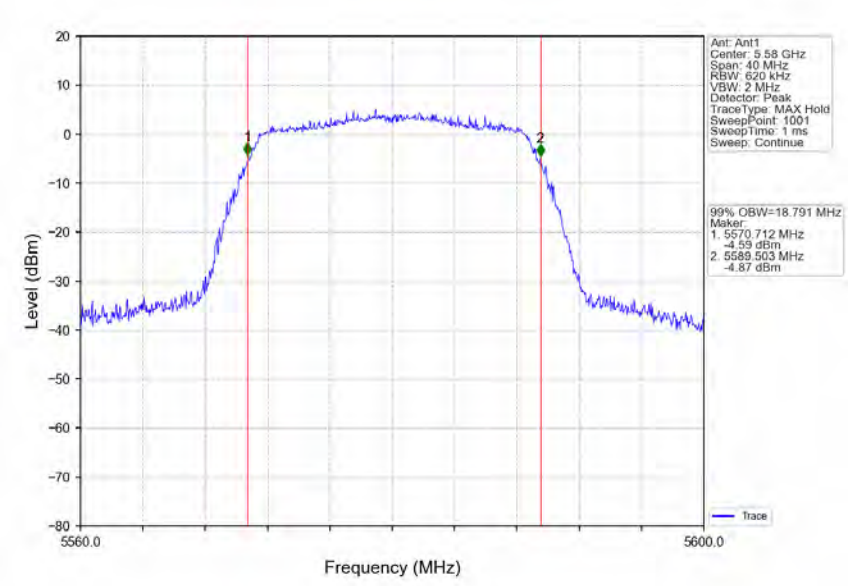
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



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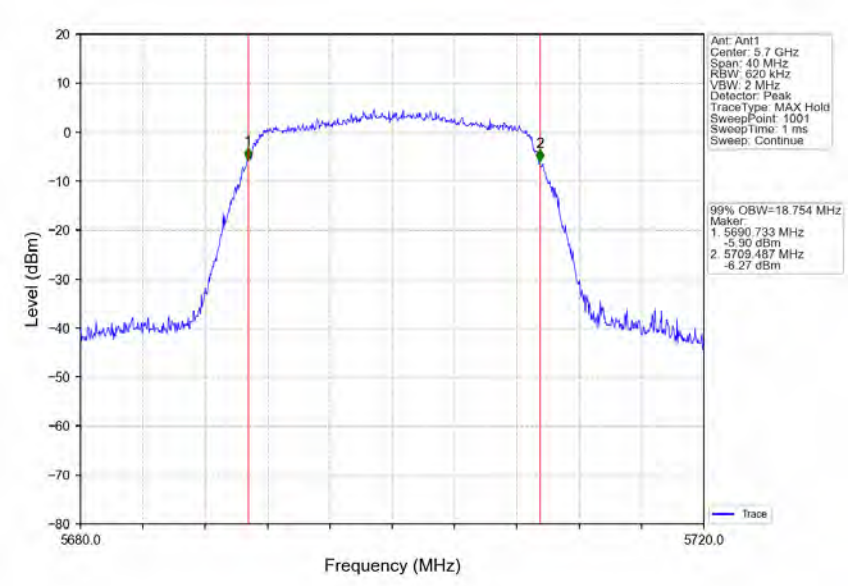

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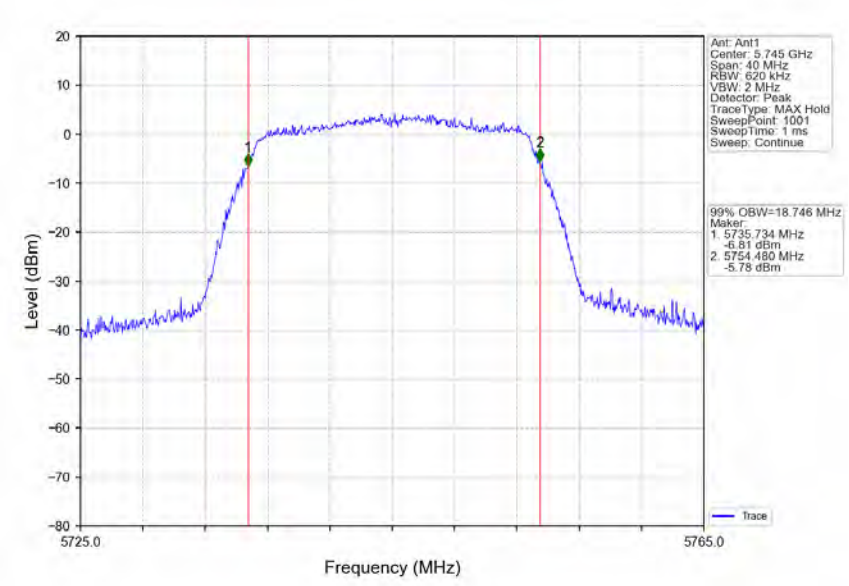
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



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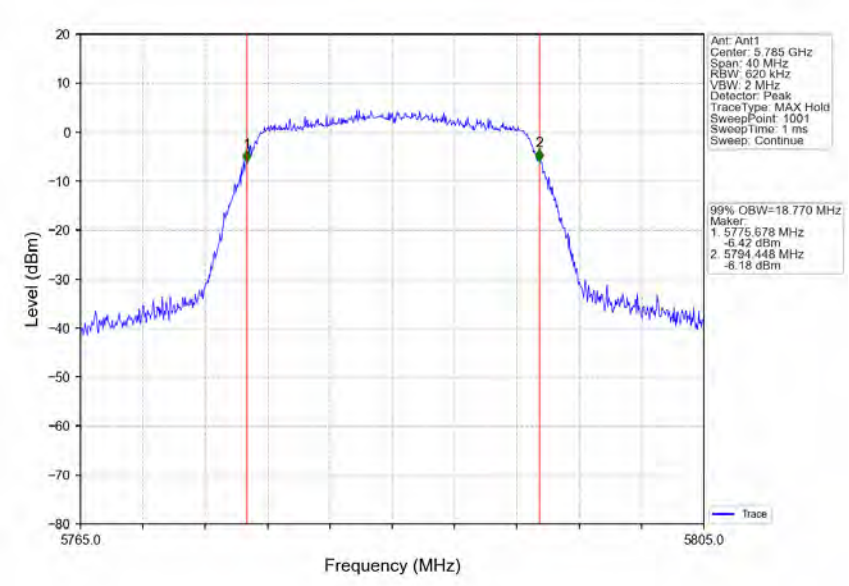

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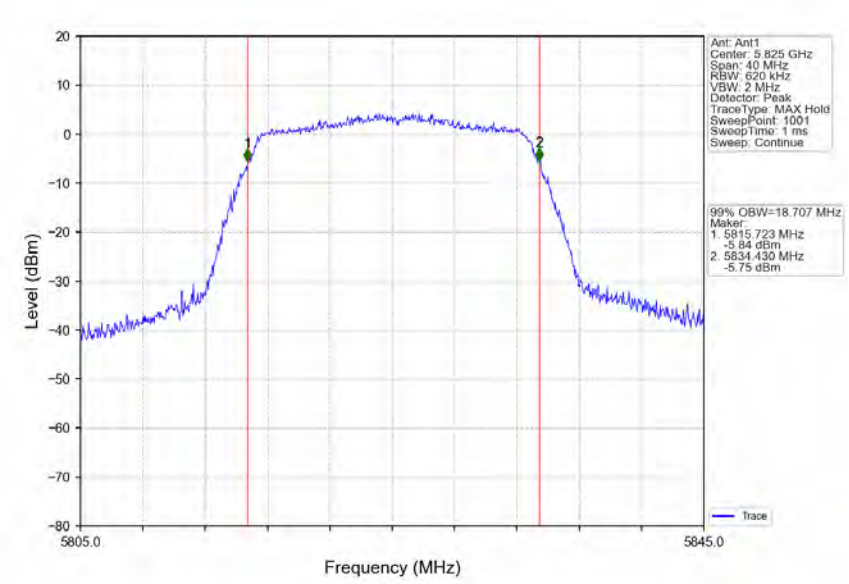
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



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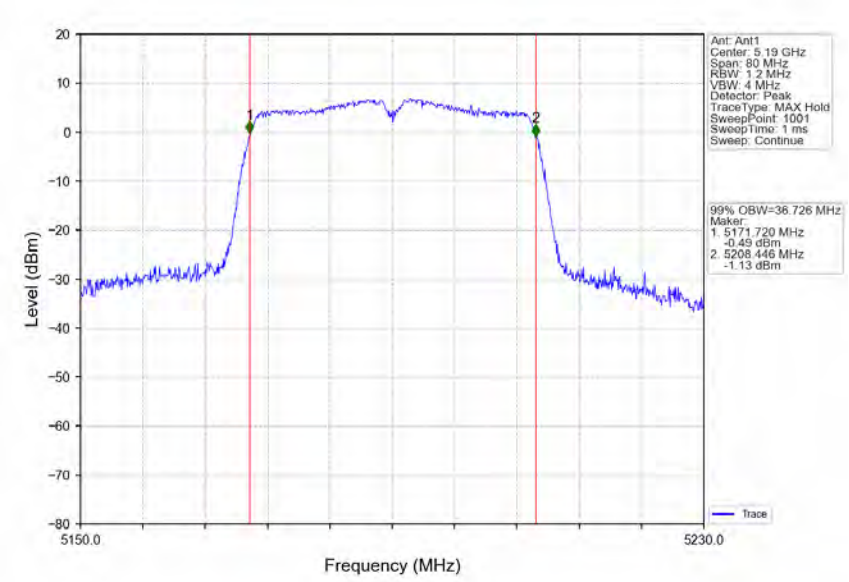

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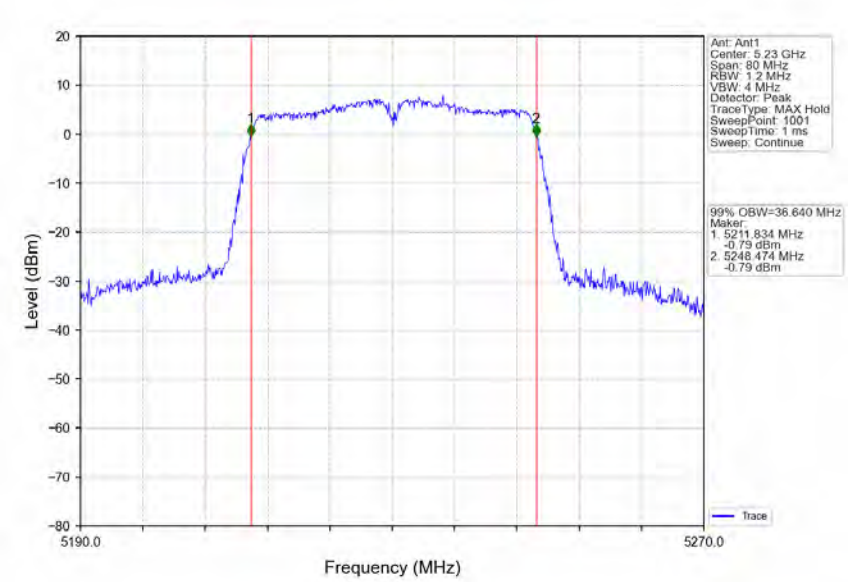
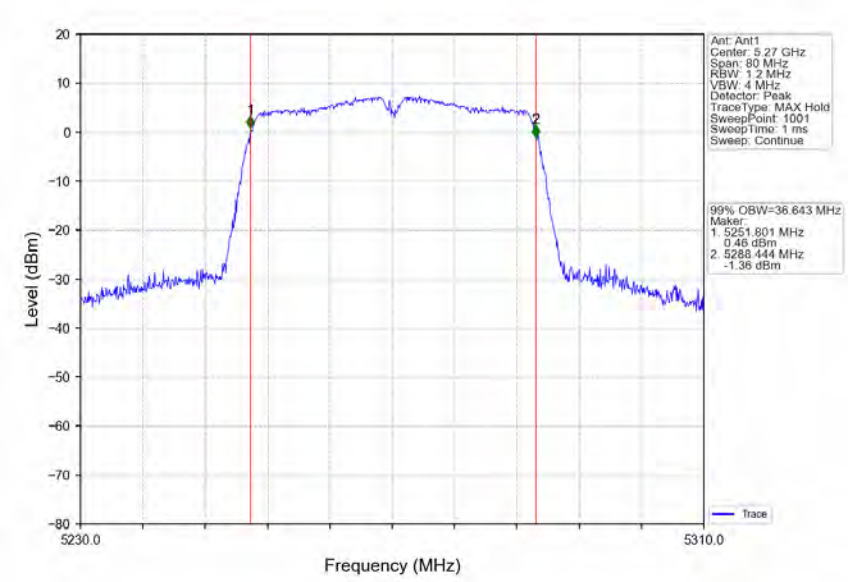
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



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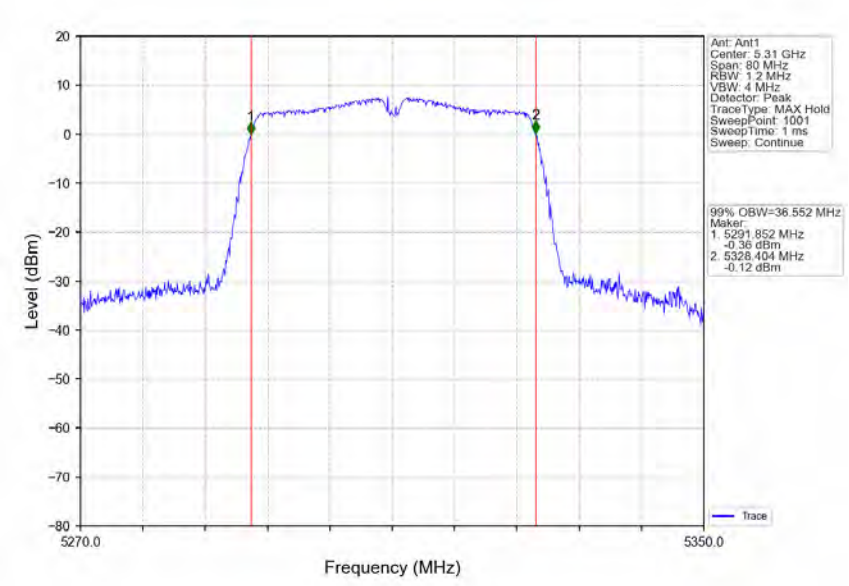
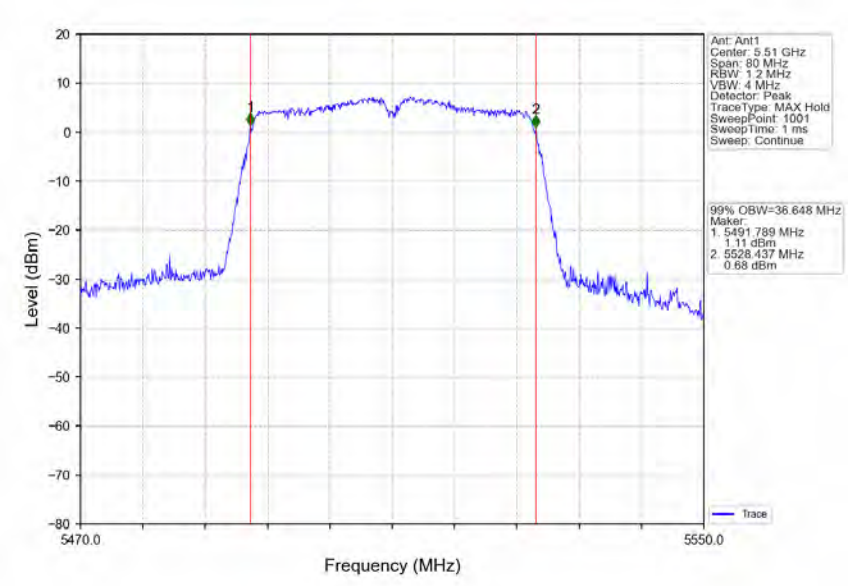
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



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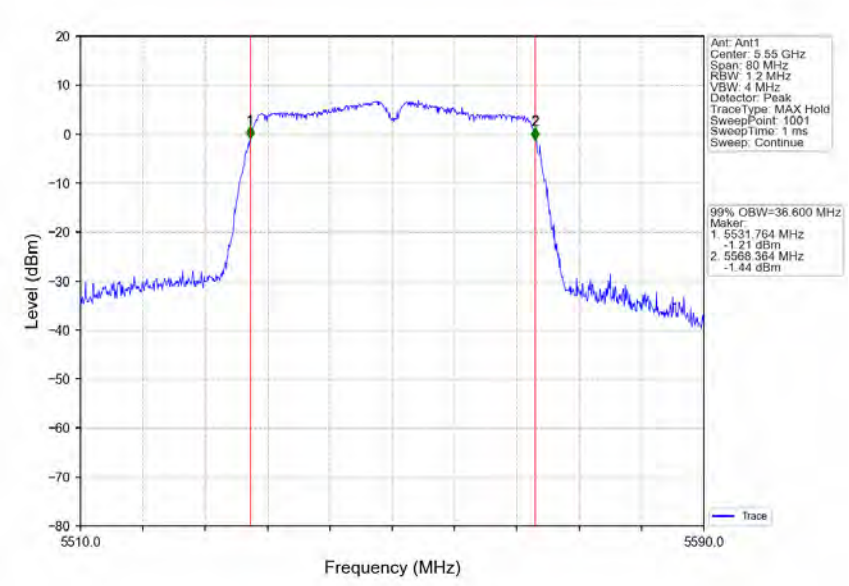
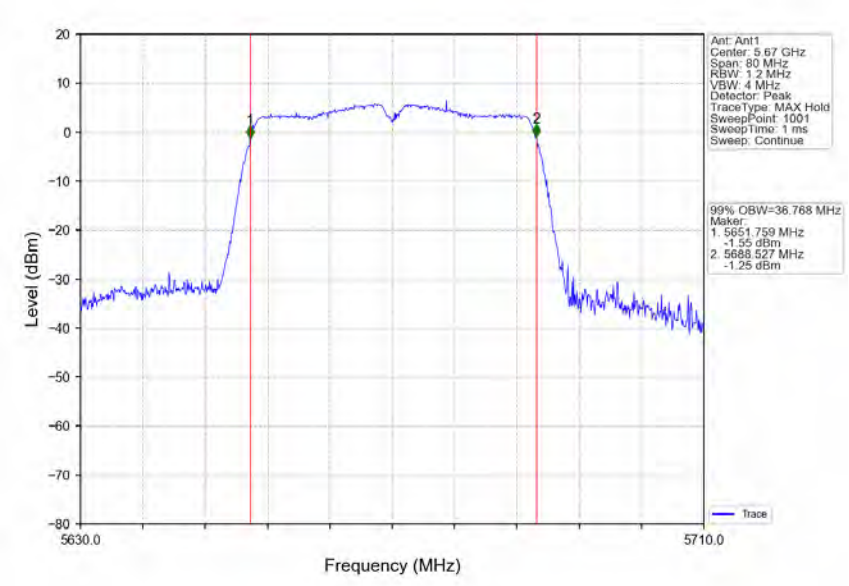
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



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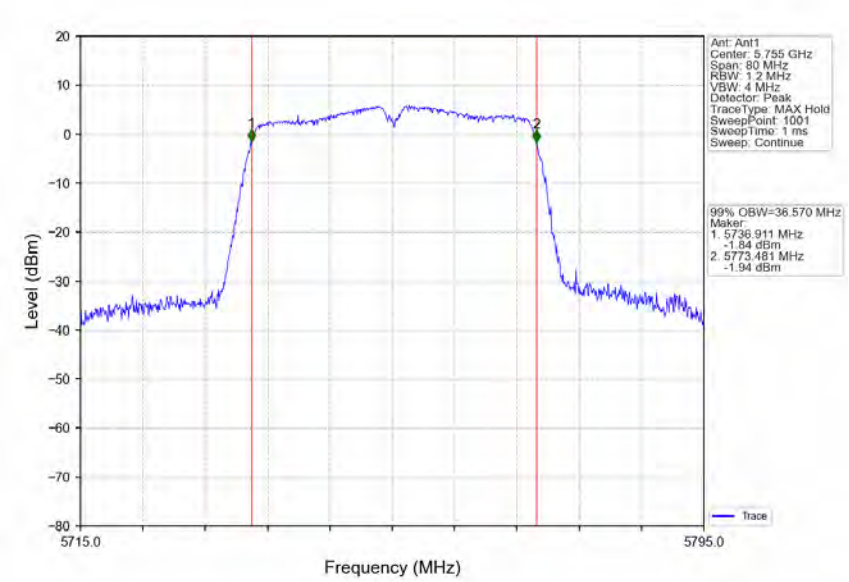
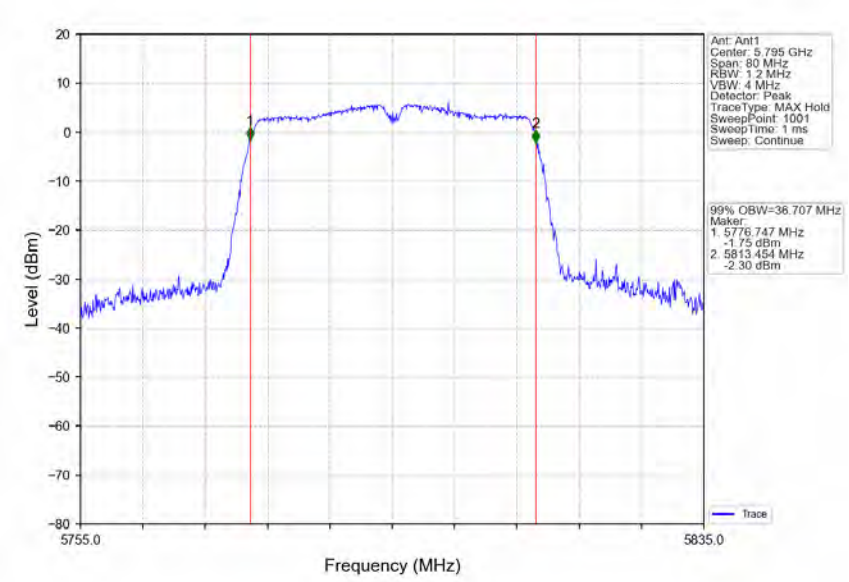
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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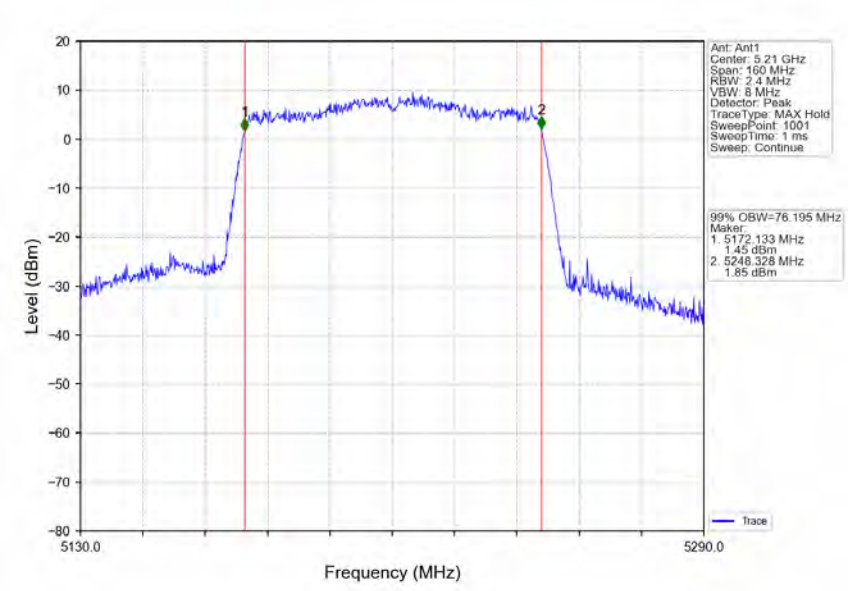
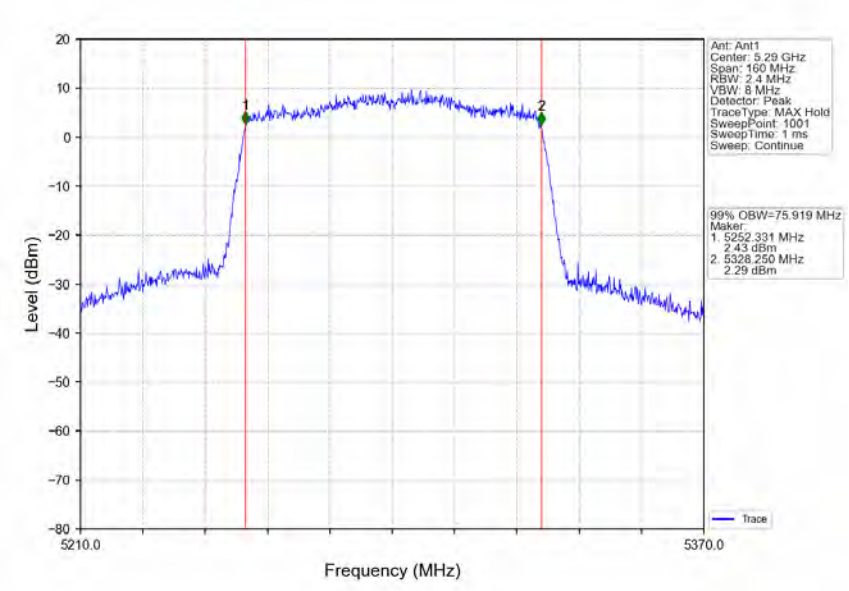
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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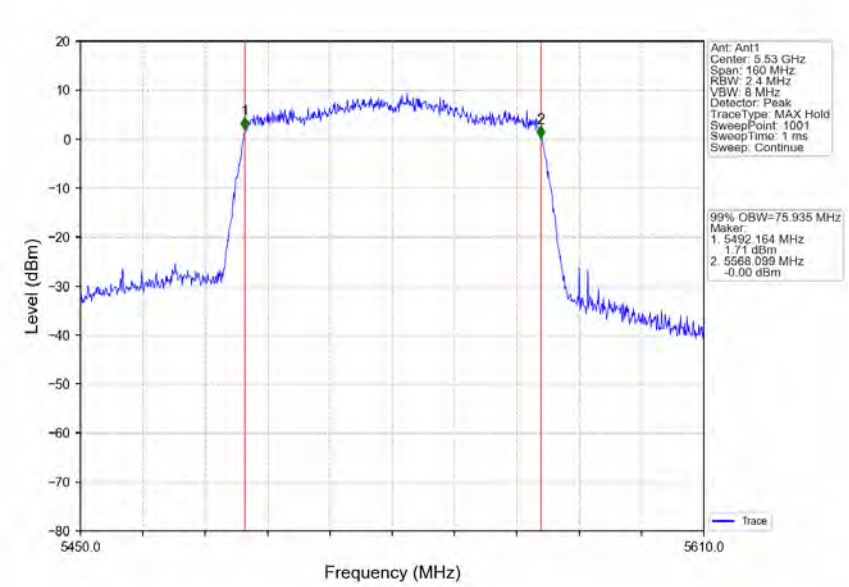
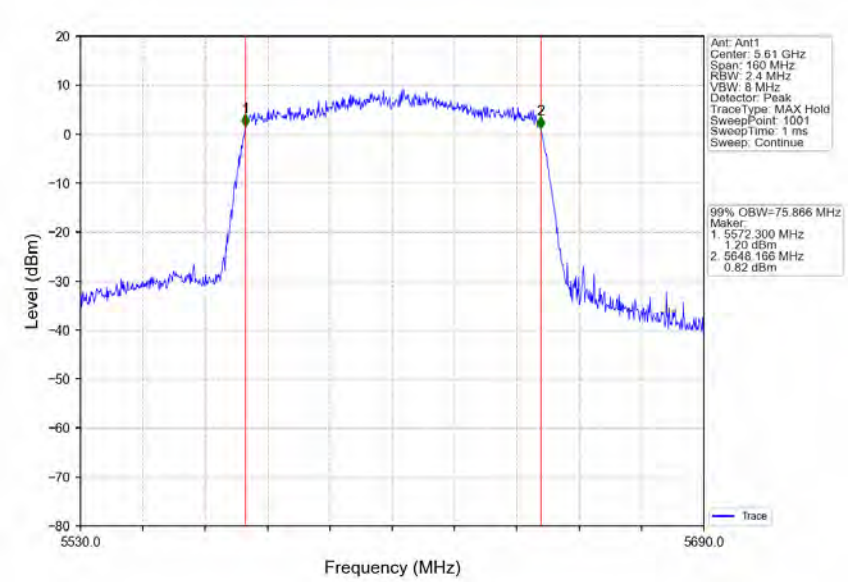
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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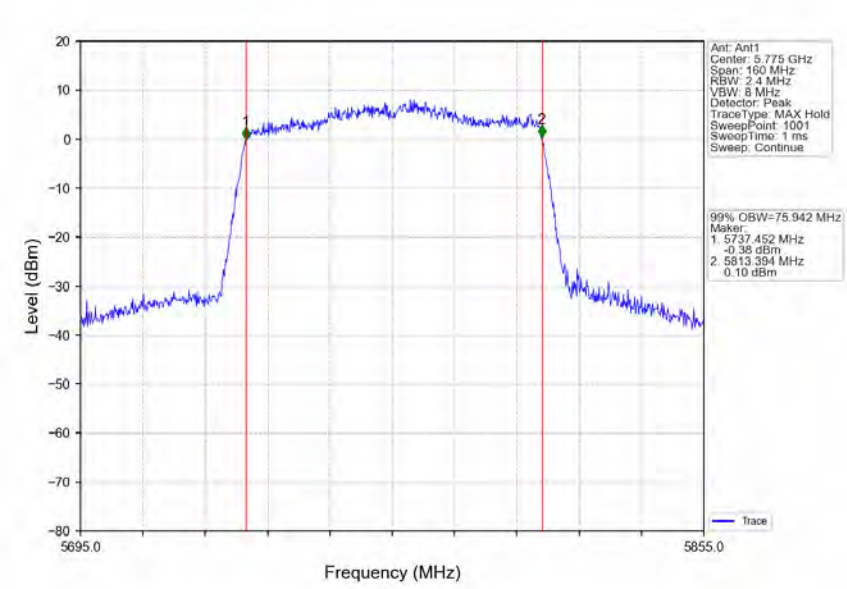
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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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	16.361	>=0.5	Pass
		5785	1	16.358	>=0.5	Pass
		5825	1	16.347	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.335	>=0.5	Pass
		5785	1	17.084	>=0.5	Pass
		5825	1	17.564	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	35.556	>=0.5	Pass
		5795	1	36.084	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.213	>=0.5	Pass
		5785	1	17.568	>=0.5	Pass
		5825	1	17.019	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.540	>=0.5	Pass
		5795	1	35.982	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.362	>=0.5	Pass

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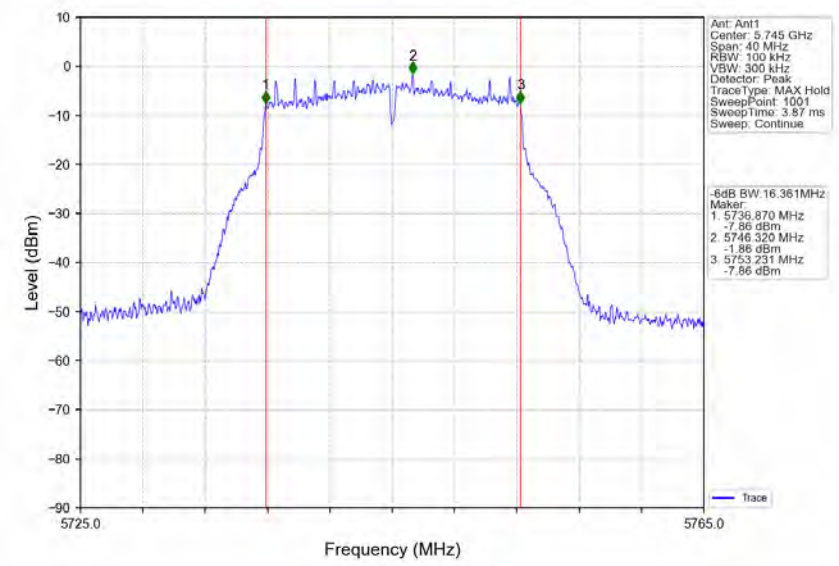
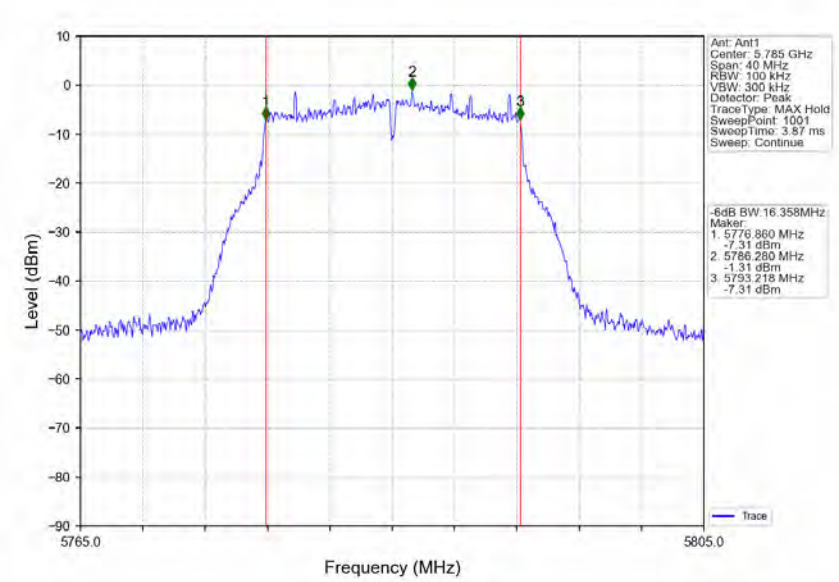
2.2.2 Test Graph

802.11a_LCH_5745MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant1_NTNV



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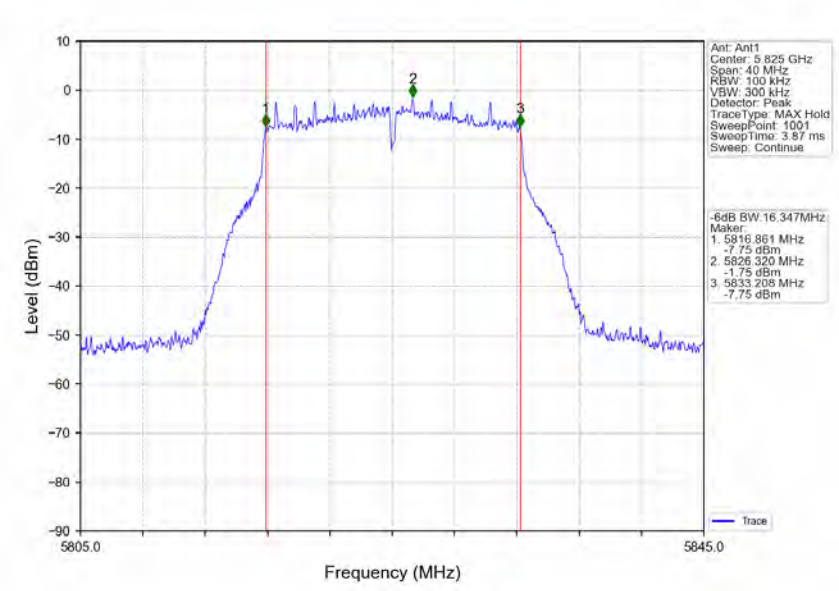
802.11a_HCH_5825MHz_Ant1_NTNV



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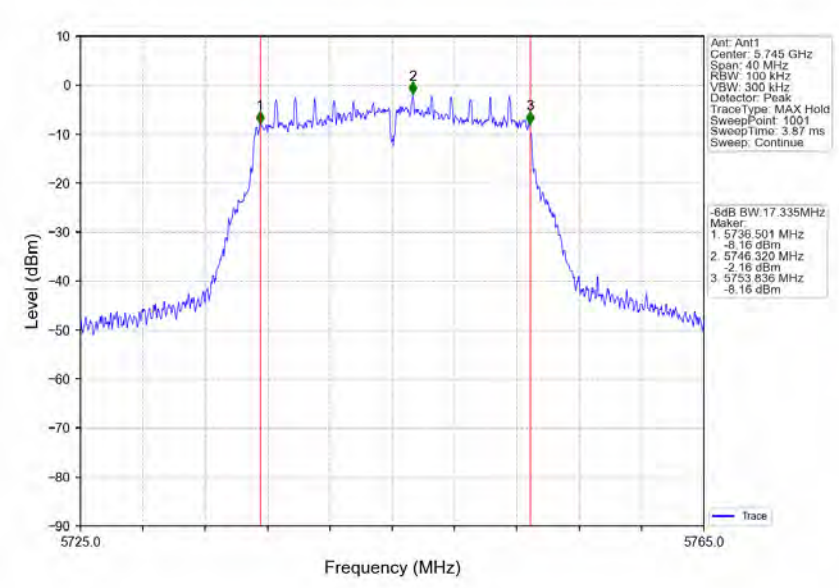

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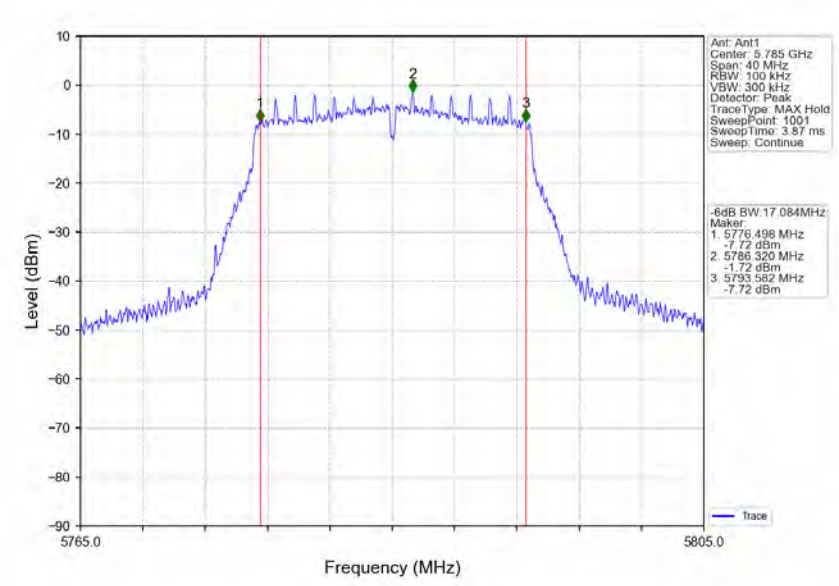
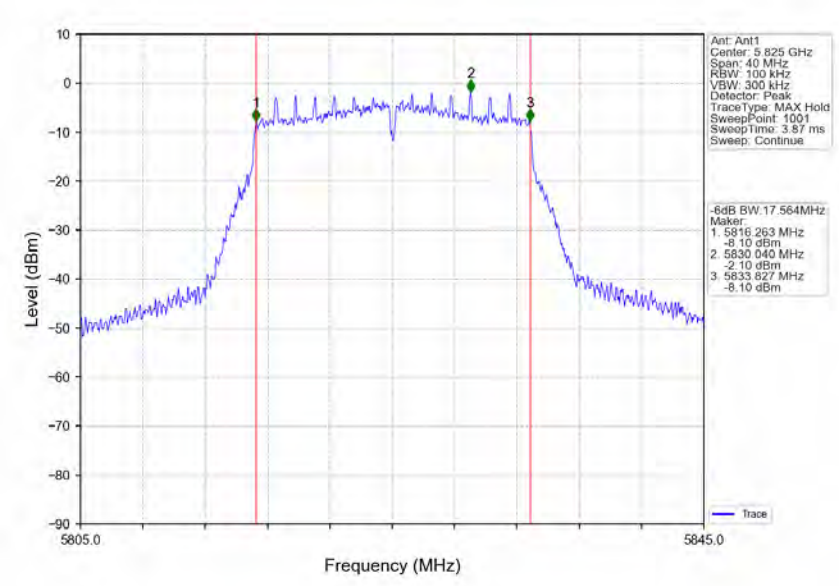
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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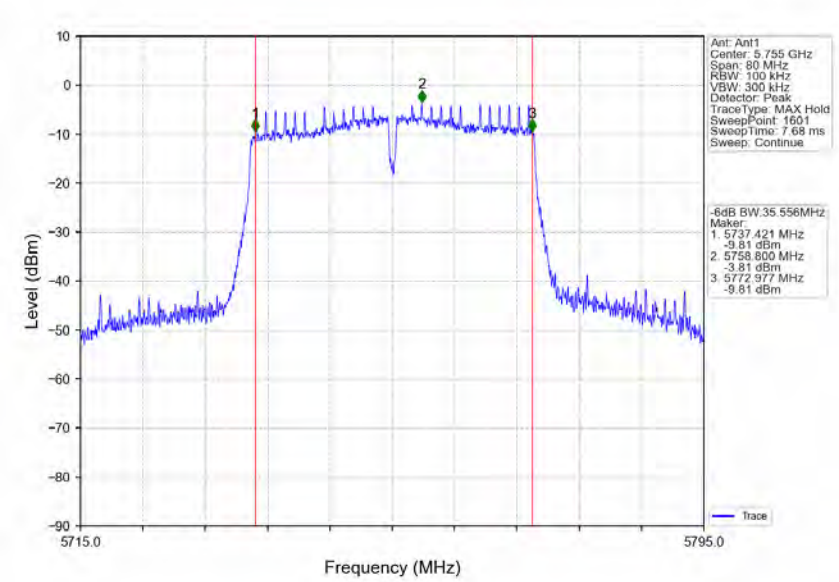
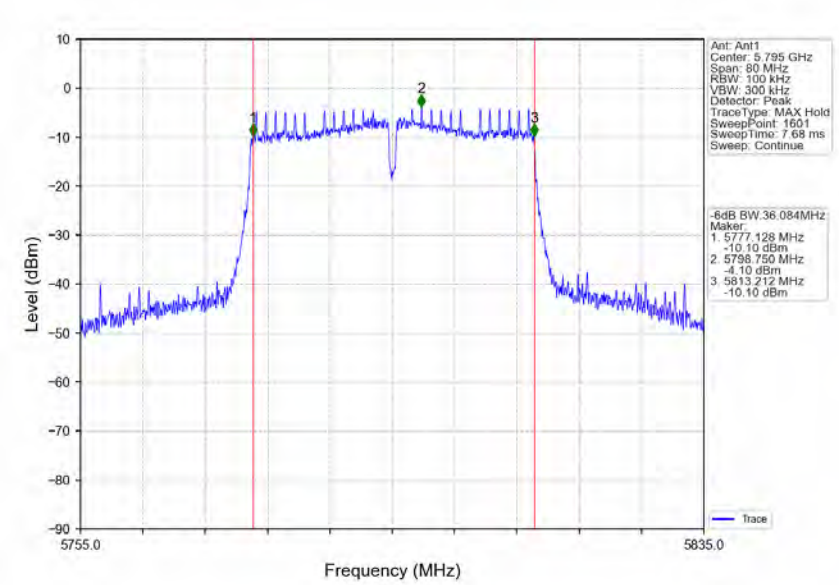
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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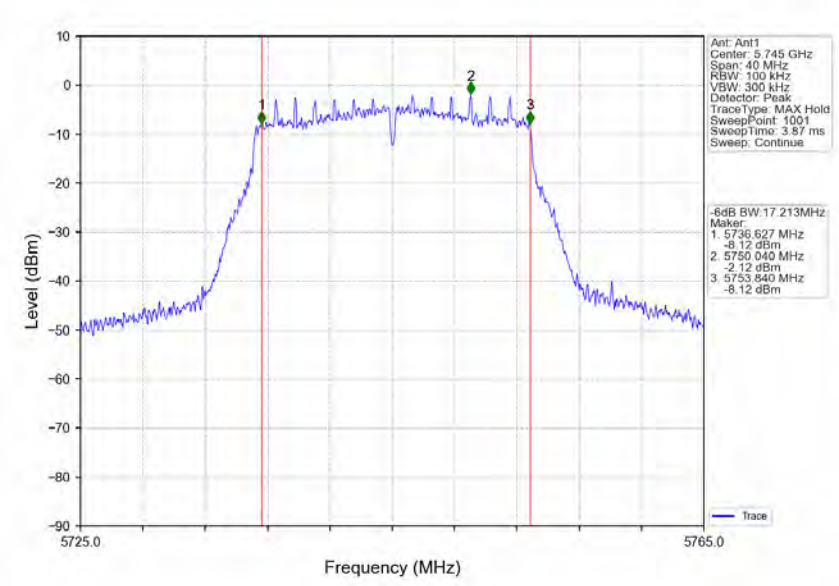
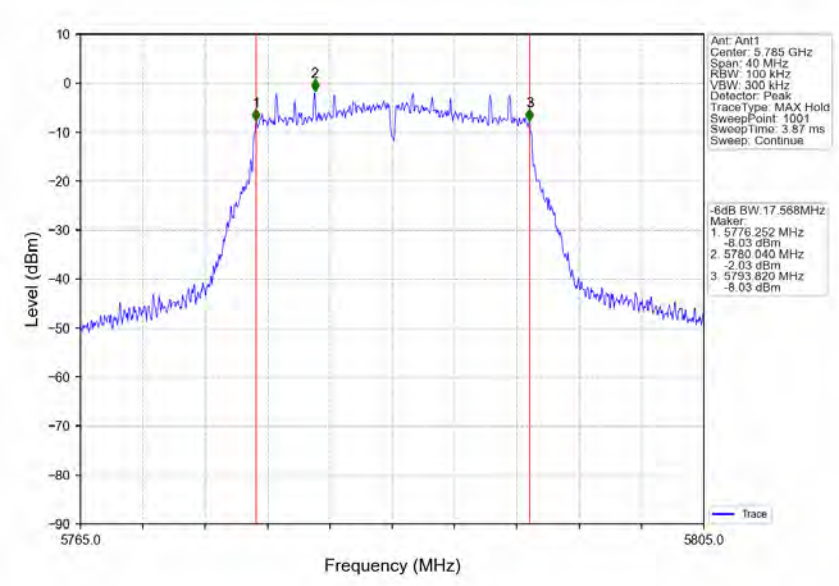
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



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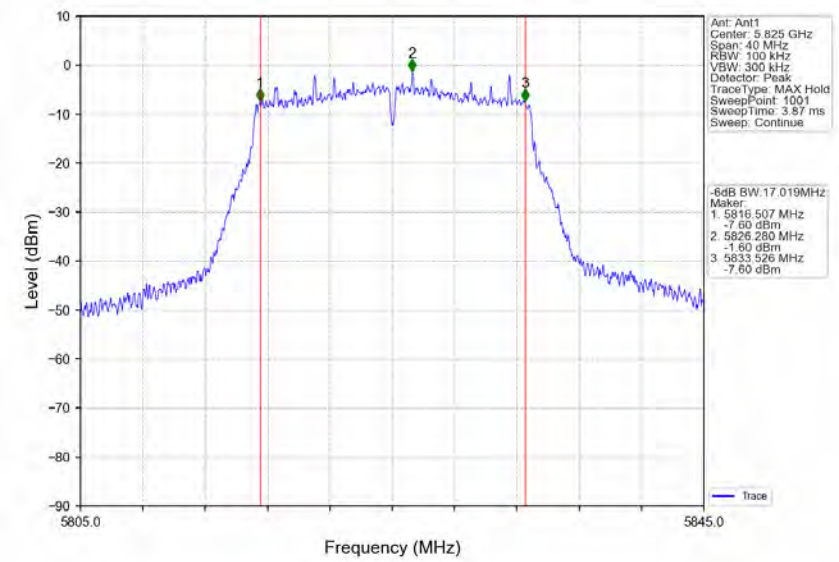
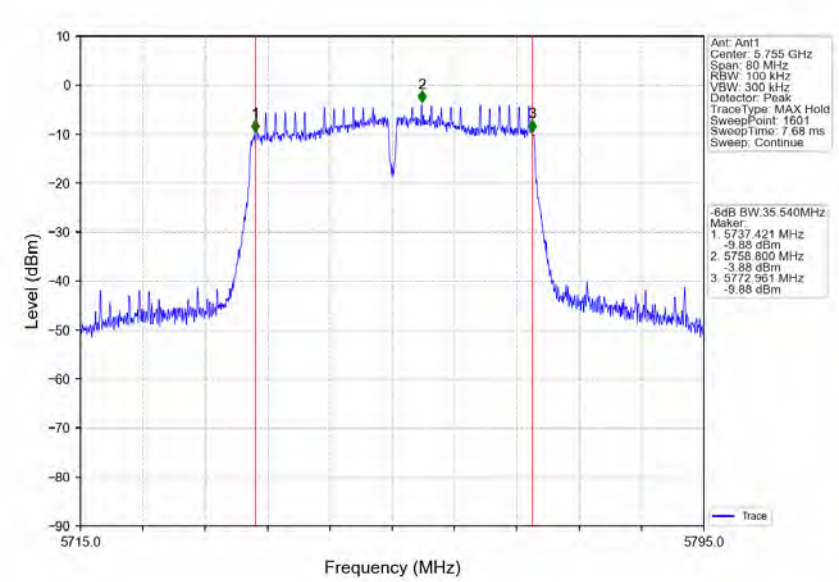
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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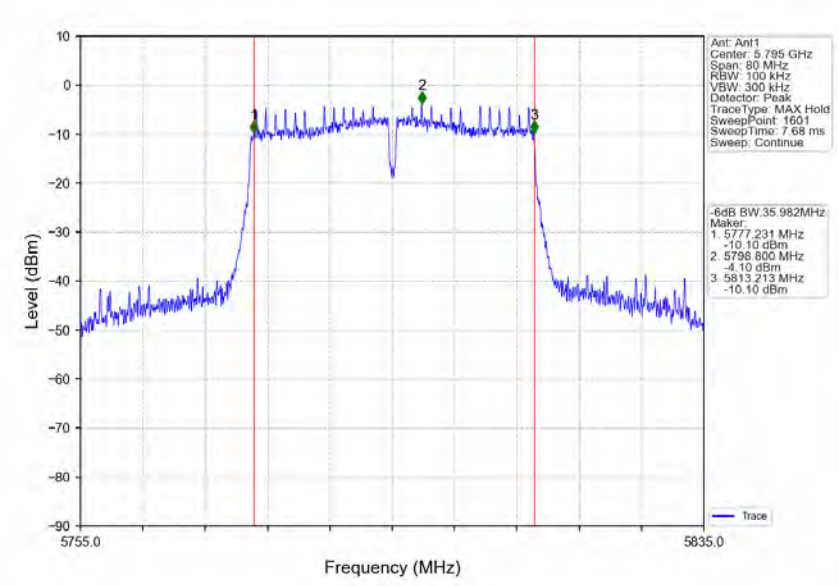
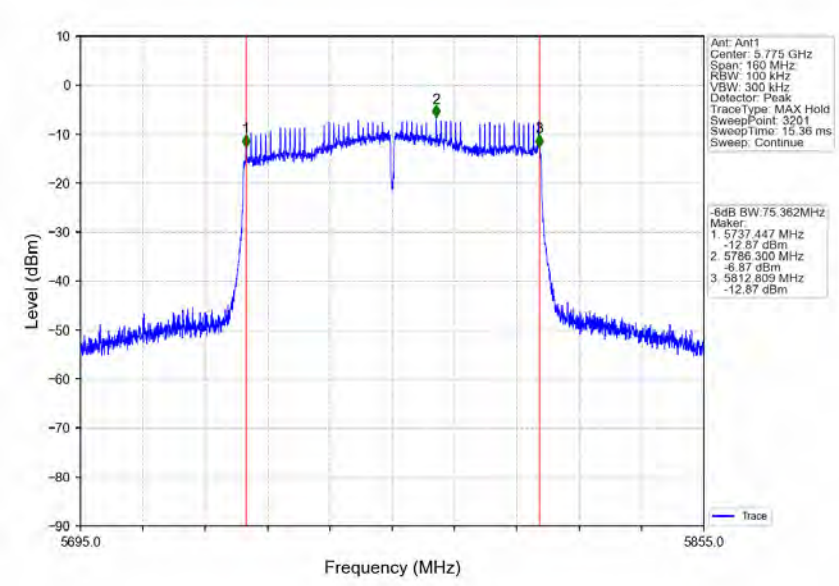
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz) Result	Verdict
802.11a	SISO	5180	1	22.143	Pass
		5200	1	22.042	Pass
		5240	1	22.069	Pass
		5260	1	22.197	Pass
		5300	1	22.042	Pass
		5320	1	22.177	Pass
		5500	1	22.107	Pass
		5580	1	22.203	Pass
		5700	1	22.162	Pass
802.11n (HT20)	SISO	5180	1	22.425	Pass
		5200	1	22.175	Pass
		5240	1	22.056	Pass
		5260	1	22.186	Pass
		5300	1	22.203	Pass
		5320	1	22.275	Pass
		5500	1	22.161	Pass
		5580	1	22.245	Pass
		5700	1	22.267	Pass
802.11n (HT40)	SISO	5190	1	40.961	Pass
		5230	1	40.971	Pass
		5270	1	40.981	Pass
		5310	1	41.322	Pass
		5510	1	40.873	Pass
		5550	1	40.986	Pass
		5670	1	41.088	Pass
802.11ac (VHT20)	SISO	5180	1	22.086	Pass
		5200	1	22.412	Pass
		5240	1	22.207	Pass
		5260	1	22.467	Pass
		5300	1	22.431	Pass
		5320	1	22.039	Pass
		5500	1	22.205	Pass
		5580	1	22.159	Pass

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		5700	1	22.397	Pass
802.11ac (VHT40)	SISO	5190	1	40.867	Pass
		5230	1	41.255	Pass
		5270	1	41.107	Pass
		5310	1	40.983	Pass
		5510	1	40.881	Pass
		5550	1	41.214	Pass
		5670	1	41.293	Pass
802.11ac (VHT80)	SISO	5210	1	83.950	Pass
		5290	1	83.515	Pass
		5530	1	83.508	Pass
		5610	1	83.585	Pass

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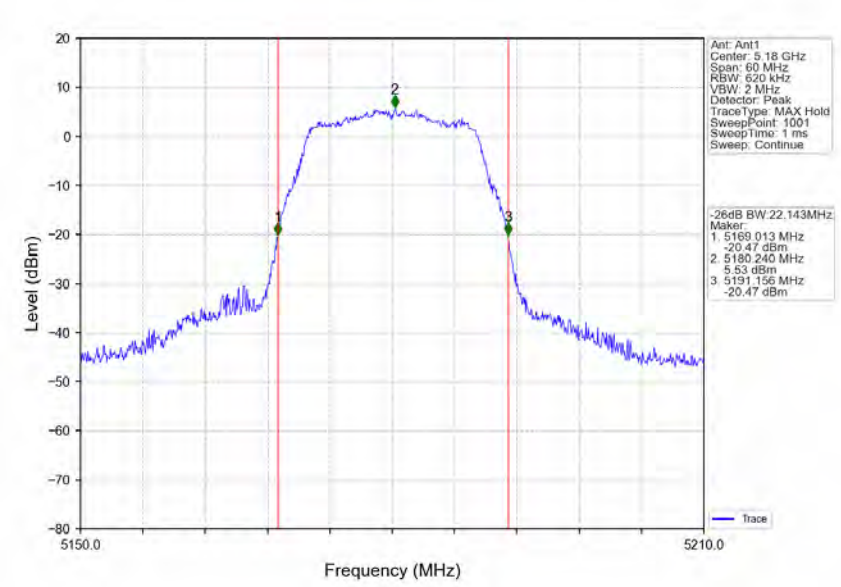
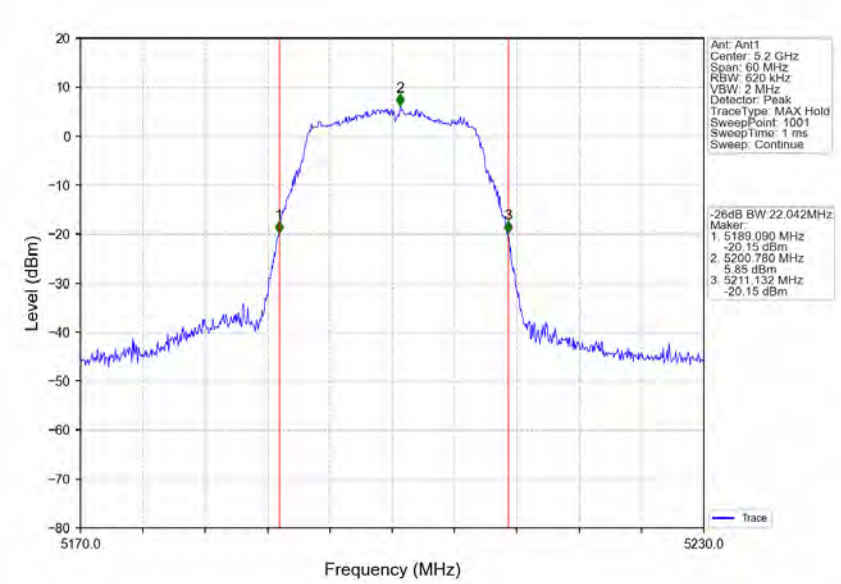
2.3.2 Test Graph

802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV



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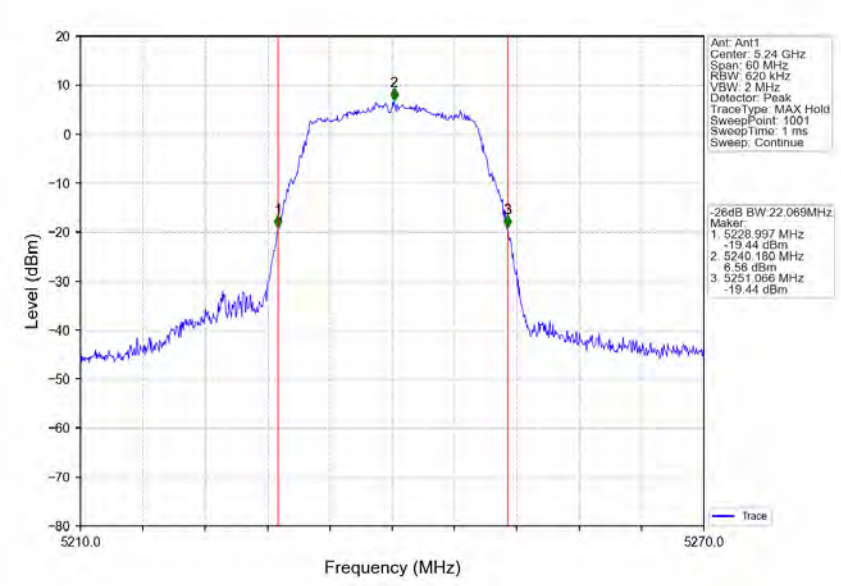
802.11a_HCH_5240MHz_Ant1_NTNV



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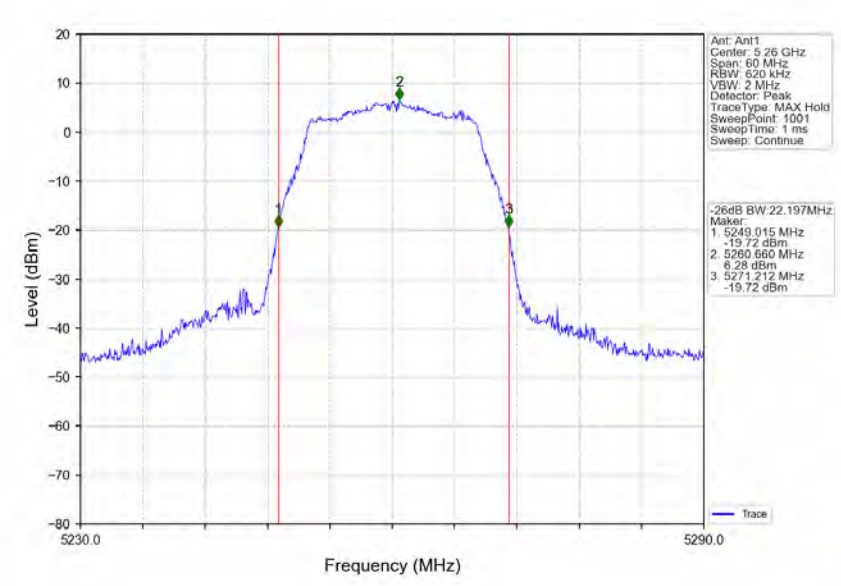

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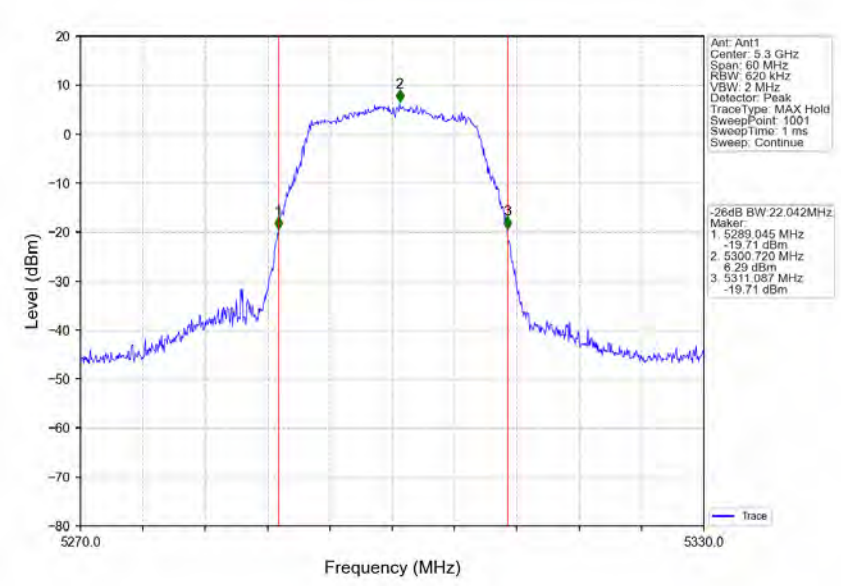
802.11a_MCH_5300MHz_Ant1_NTNV



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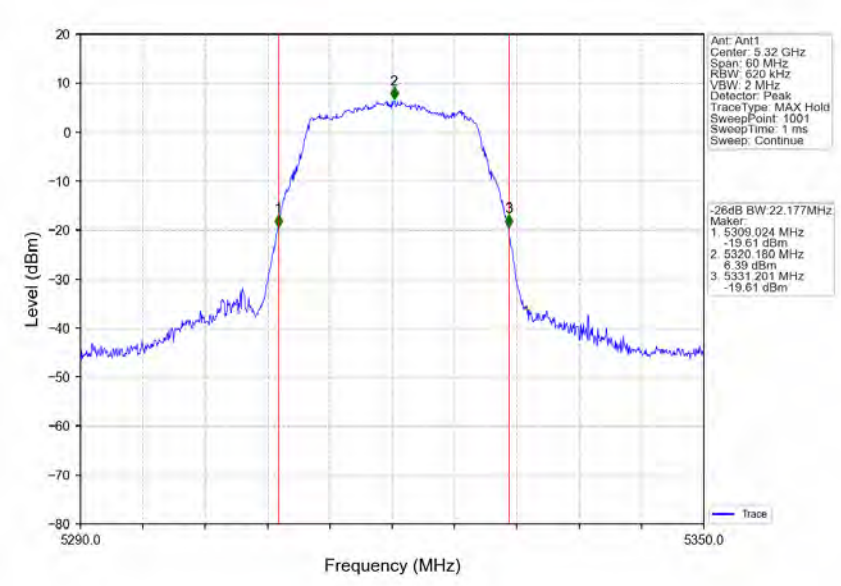

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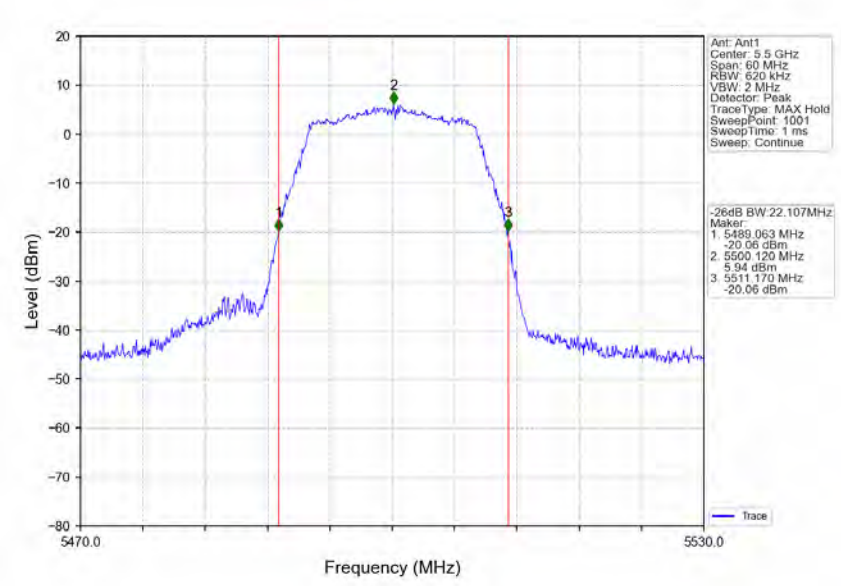
802.11a_LCH_5500MHz_Ant1_NTNV



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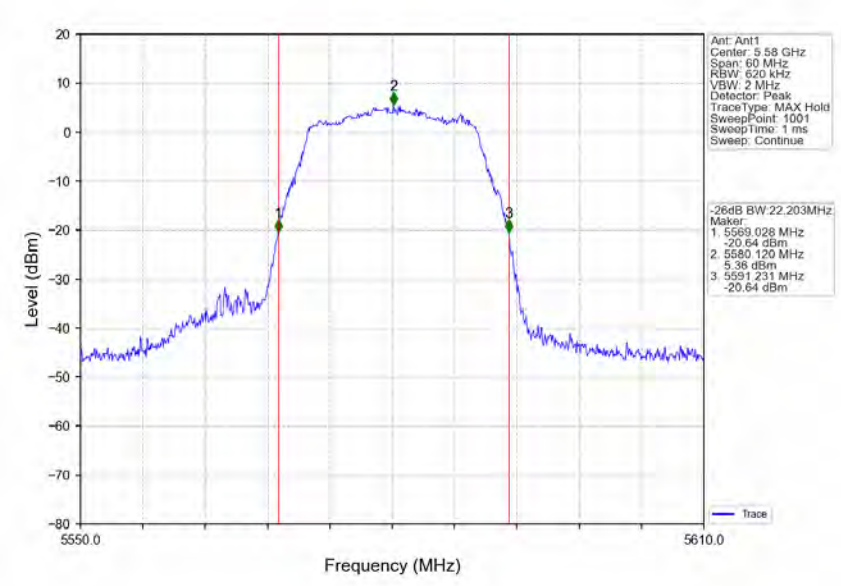

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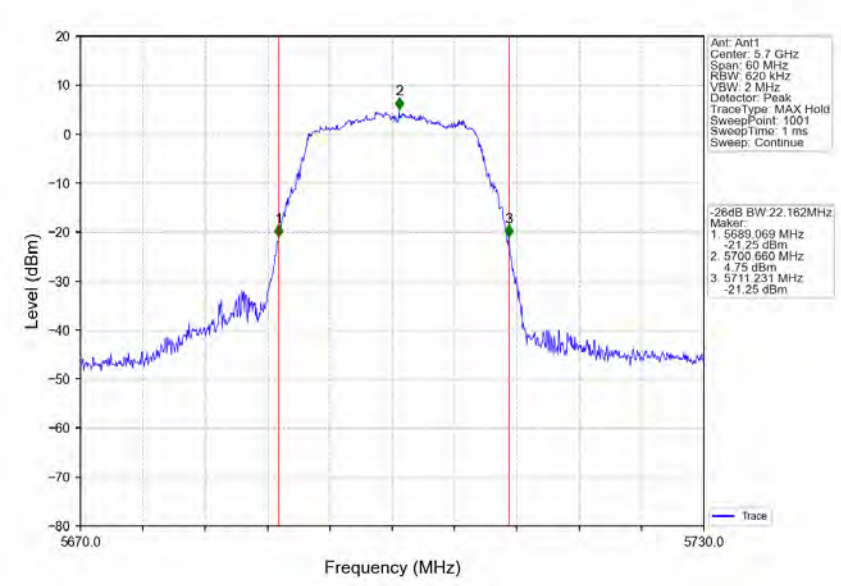
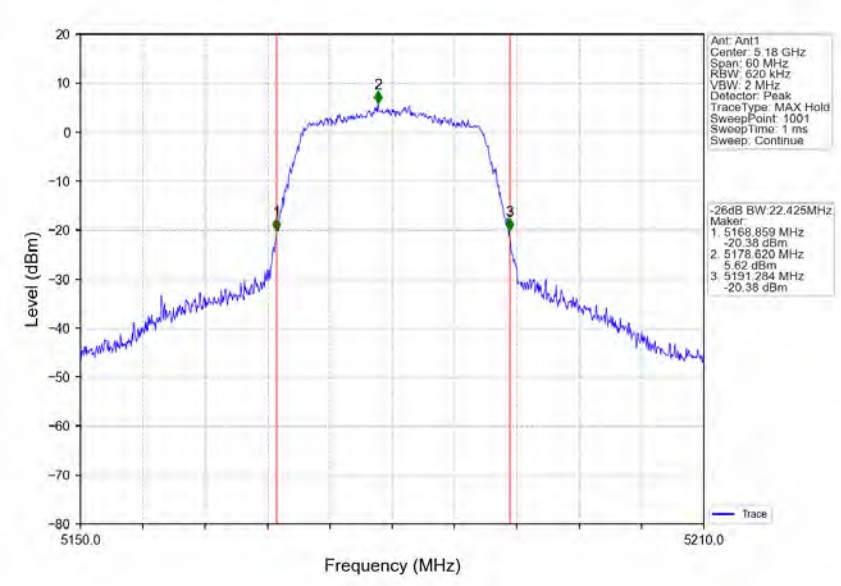
802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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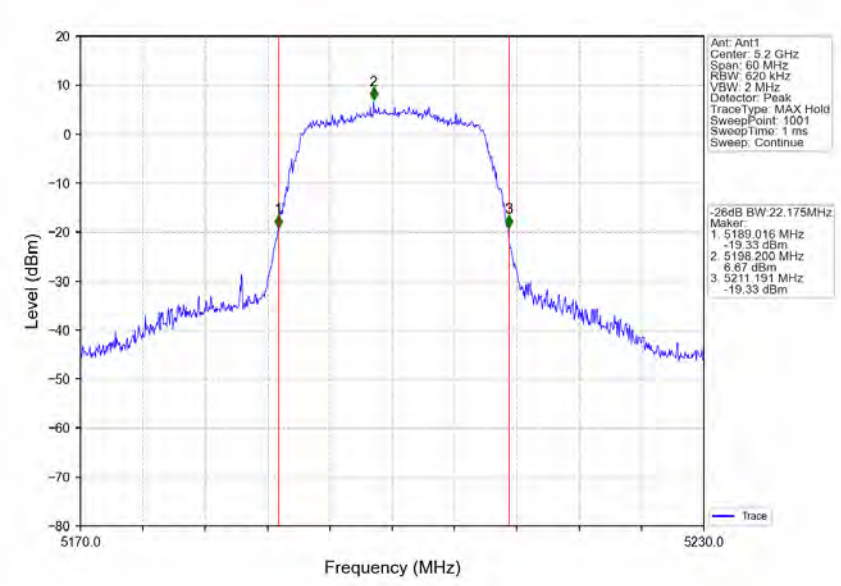
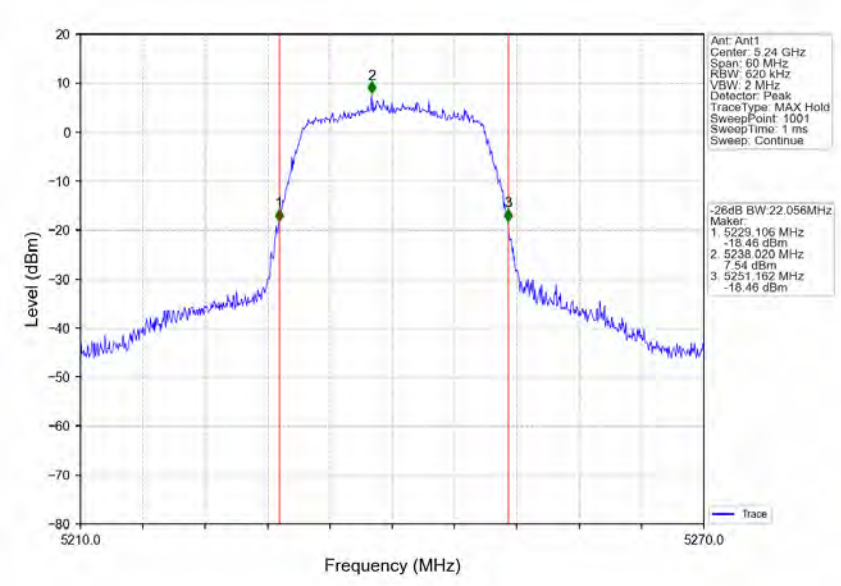
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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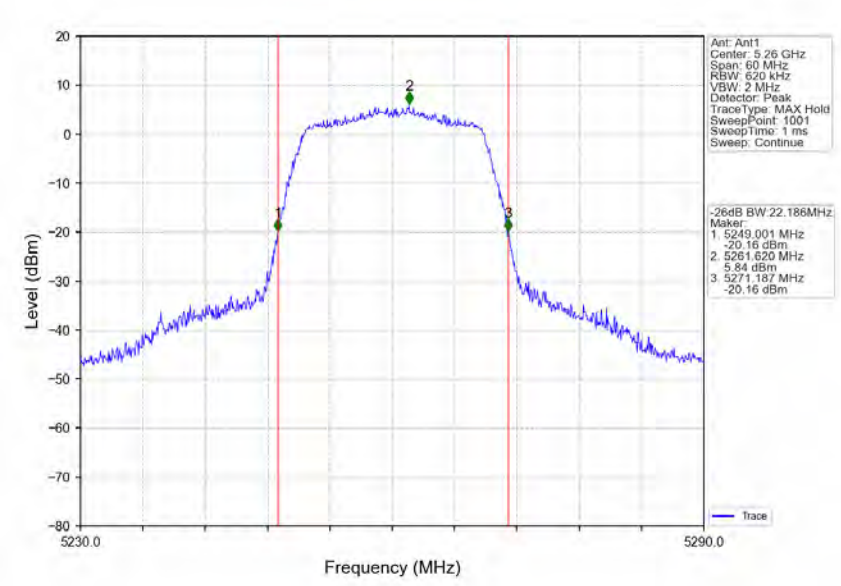
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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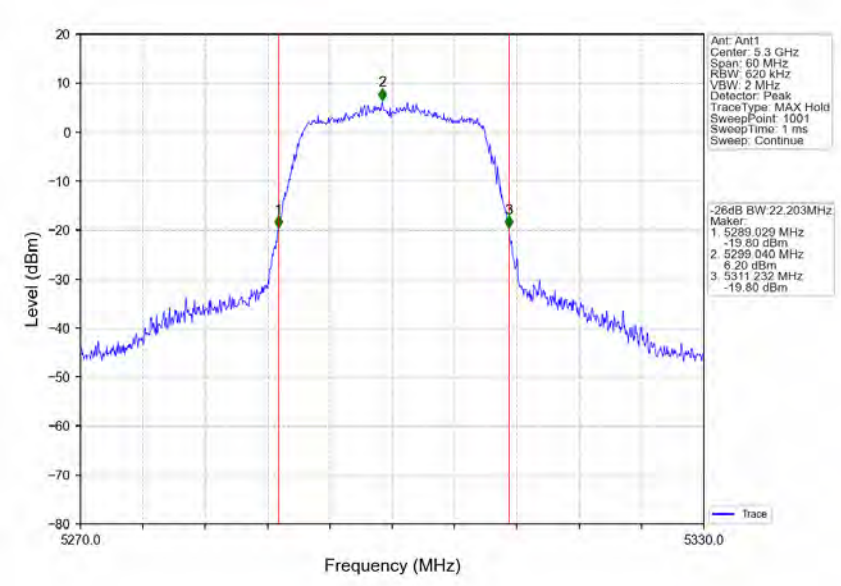

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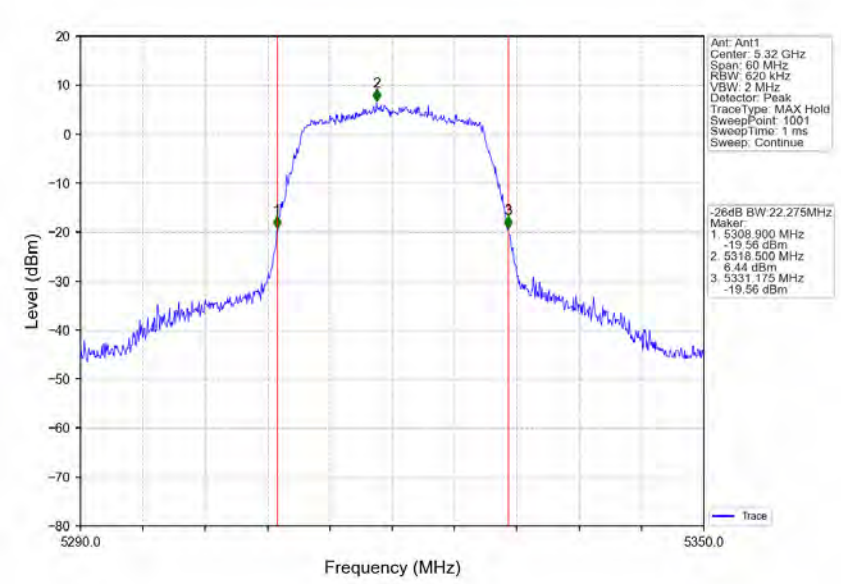
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



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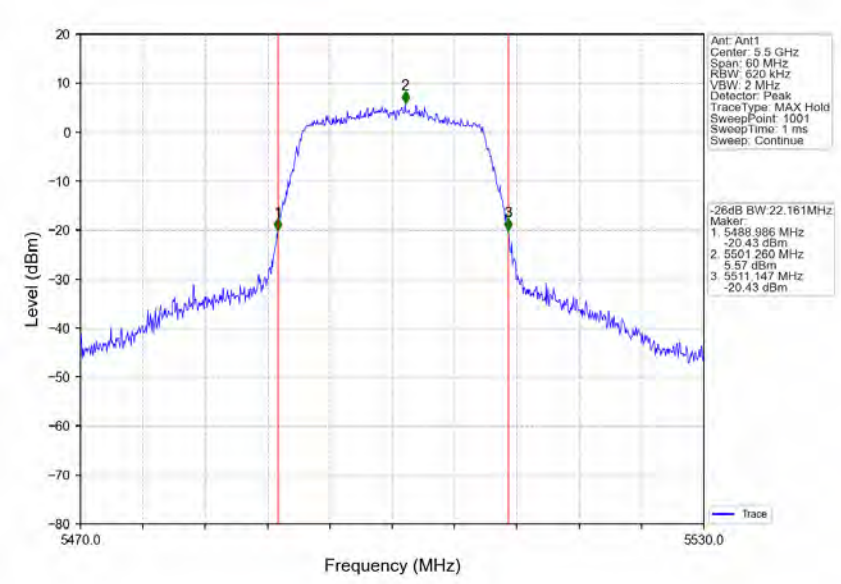

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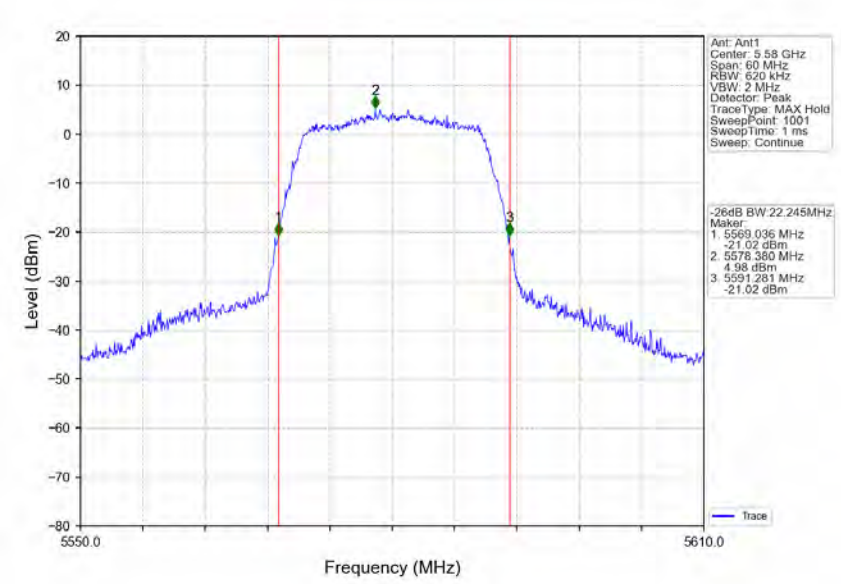
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



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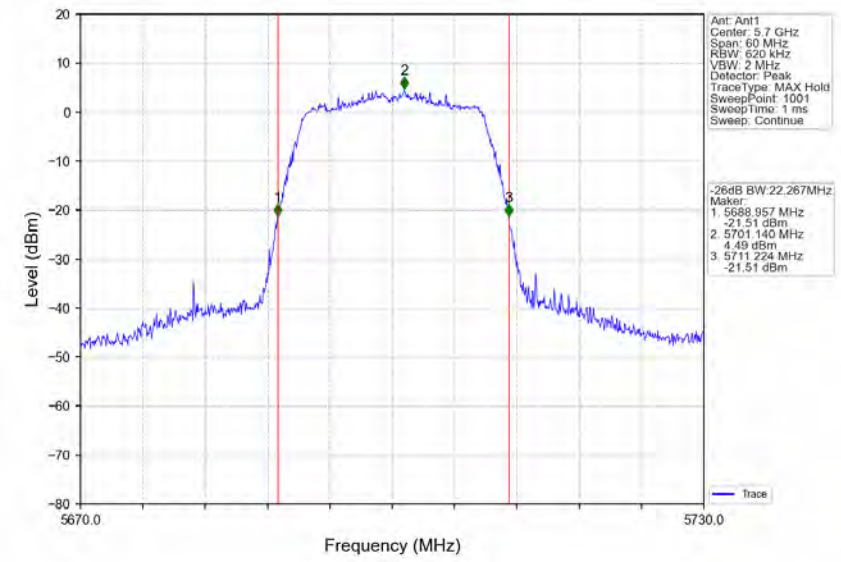

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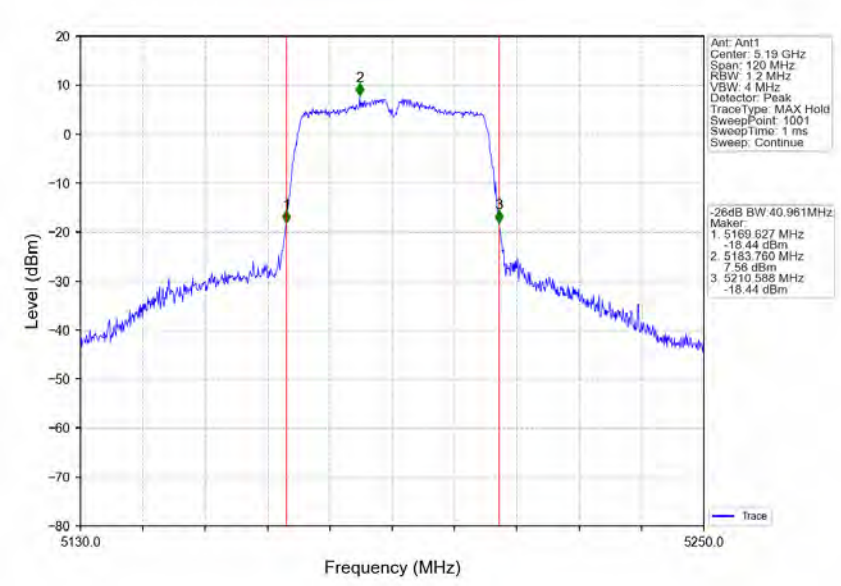
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



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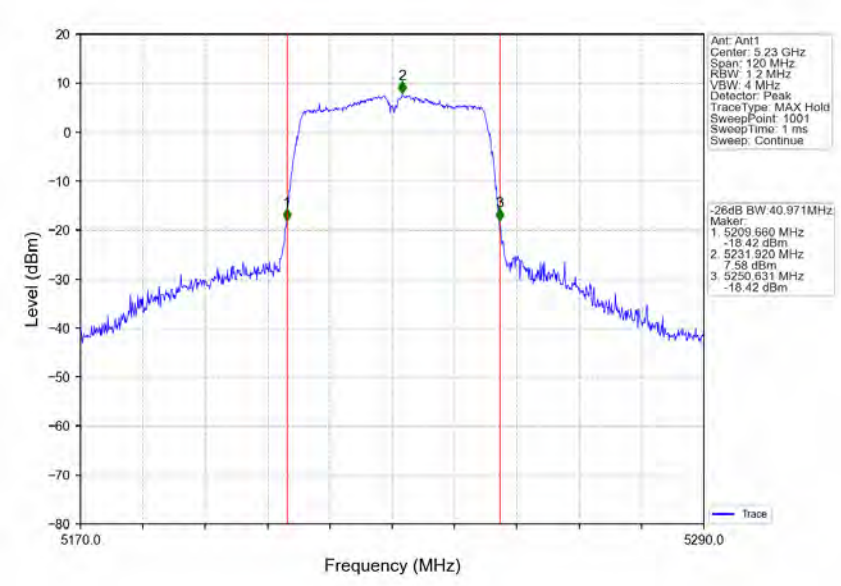

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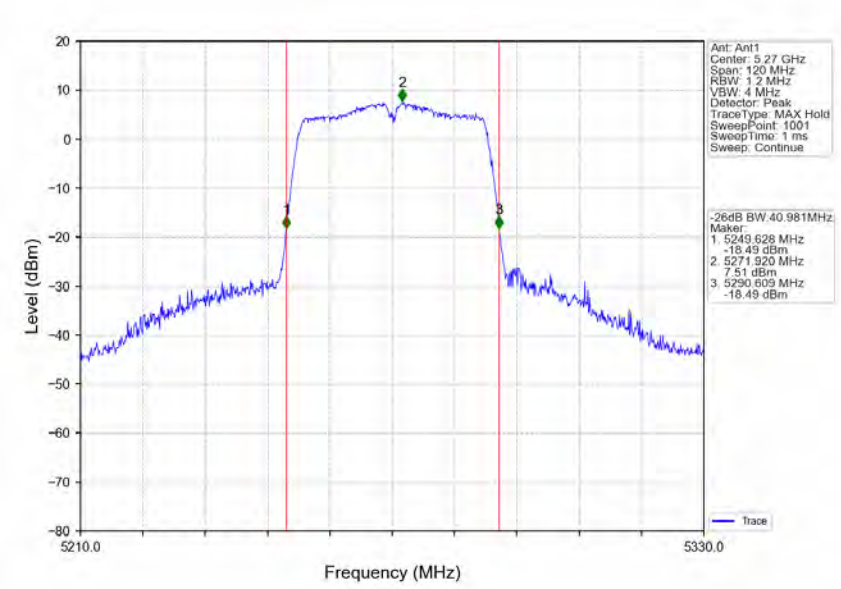
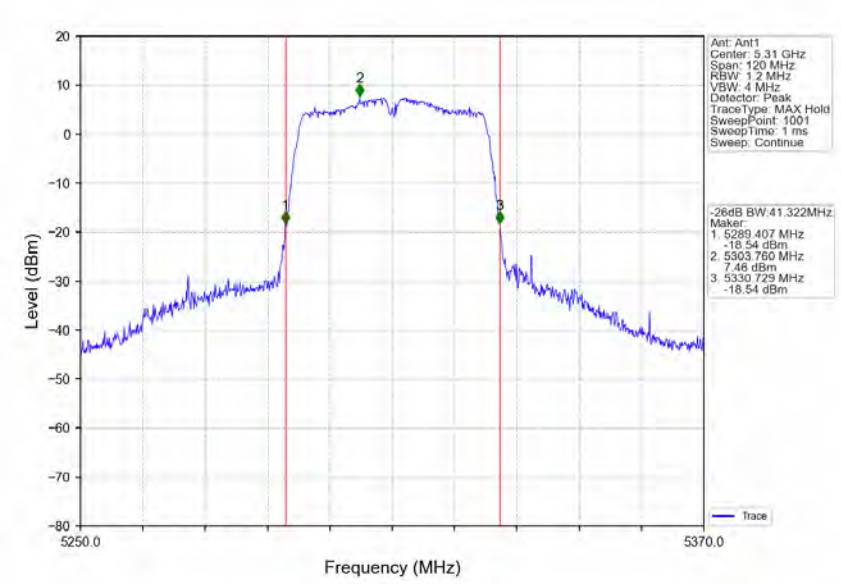
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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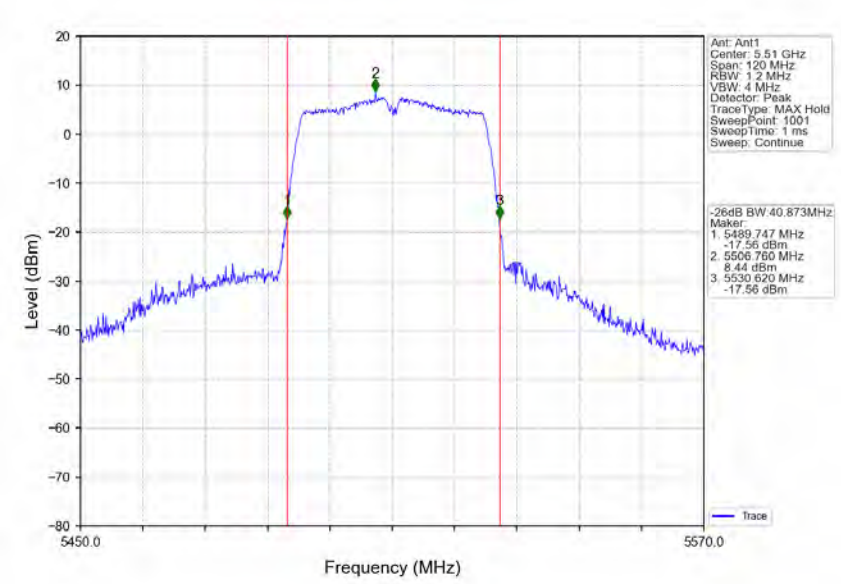
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



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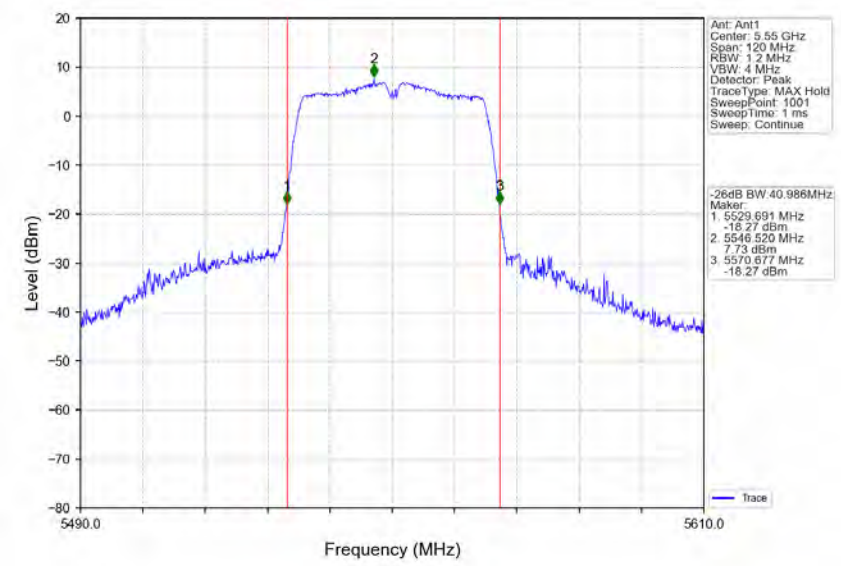

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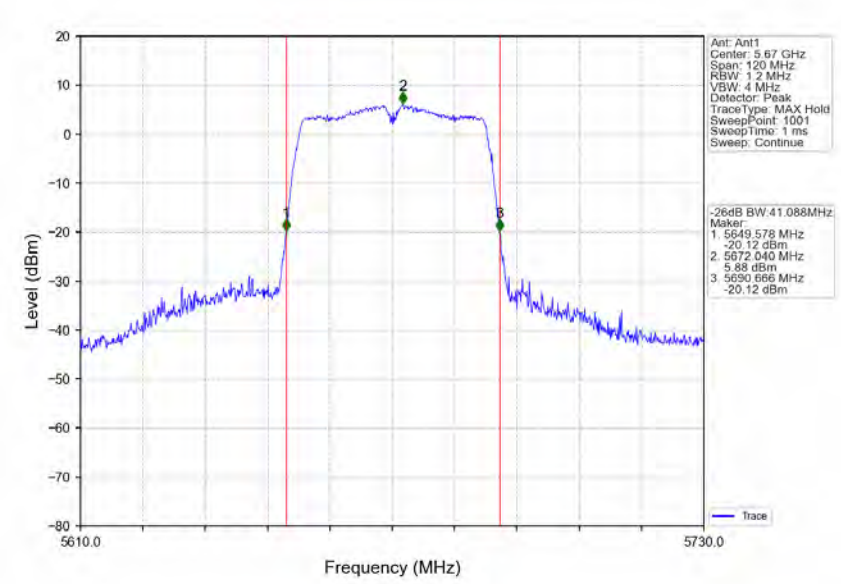
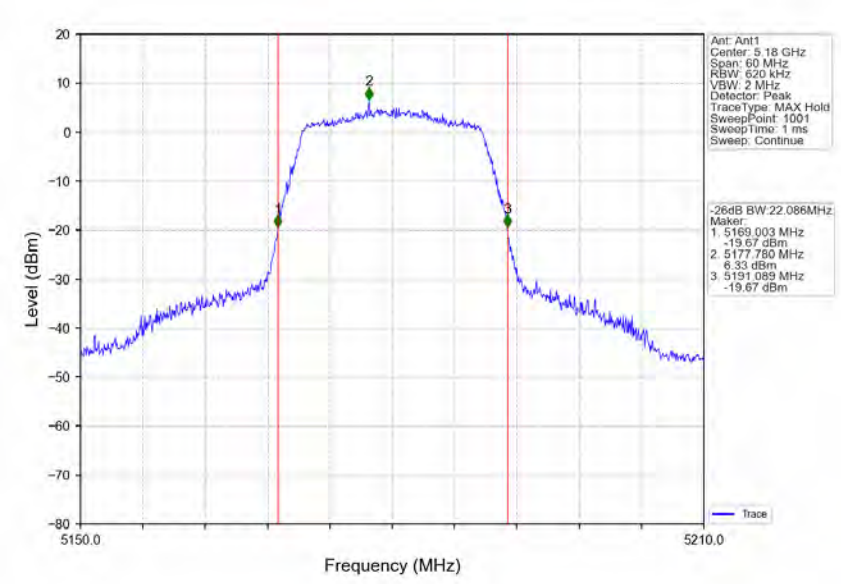
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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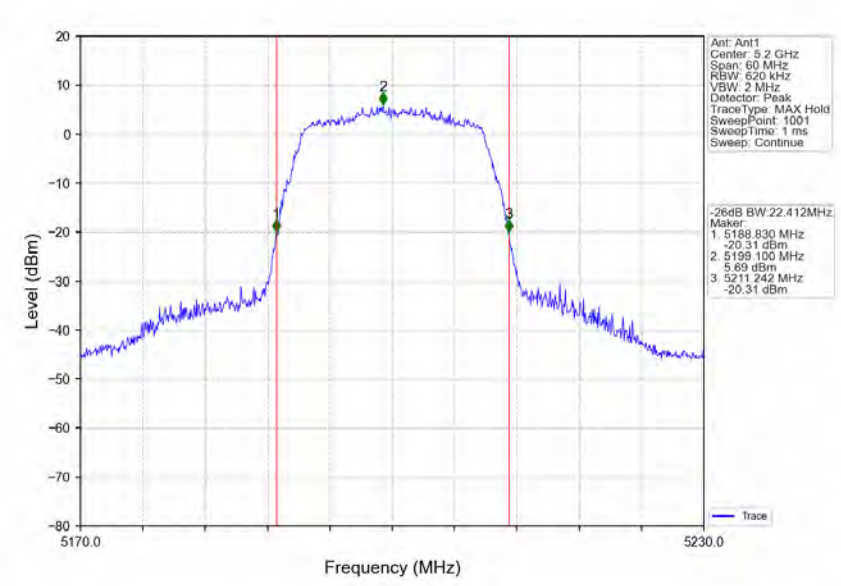
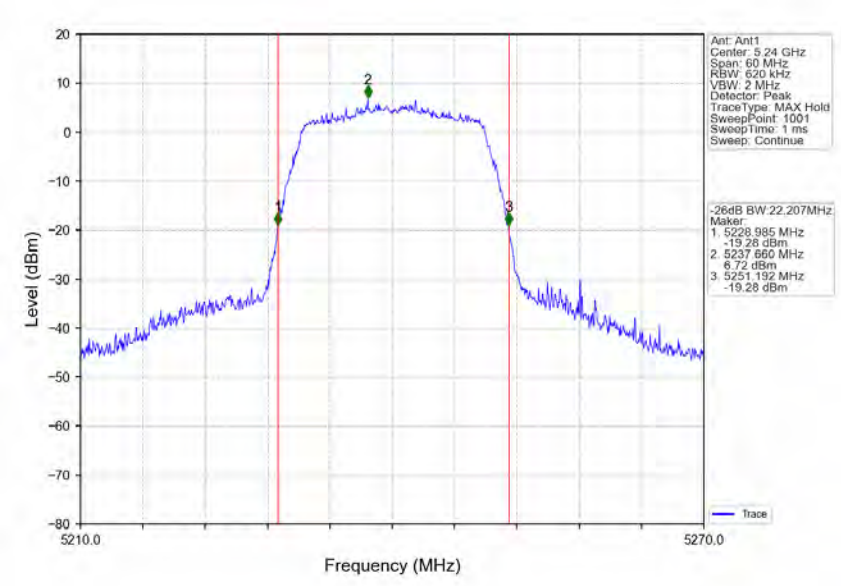
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



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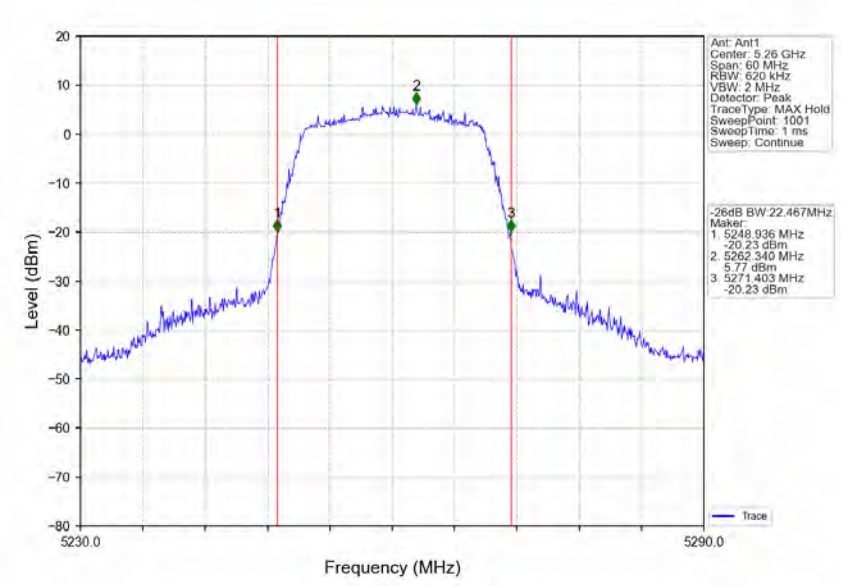
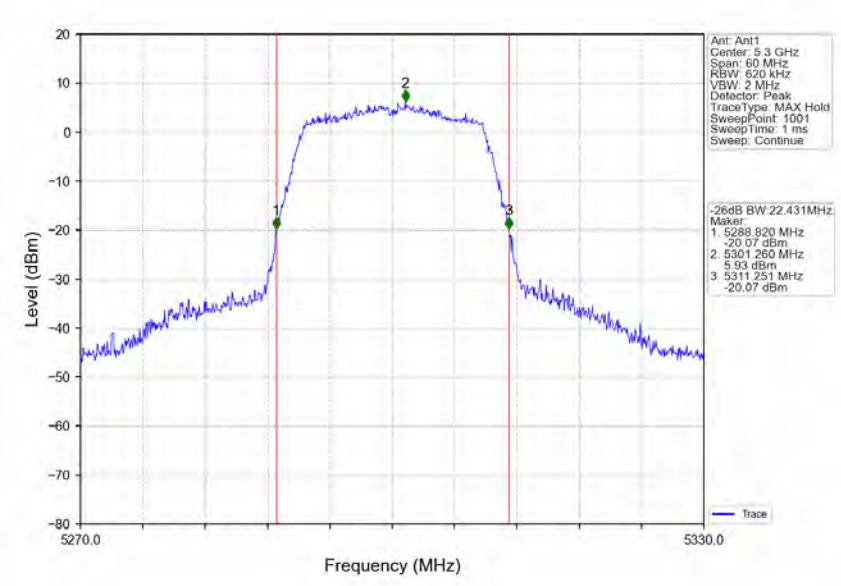
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



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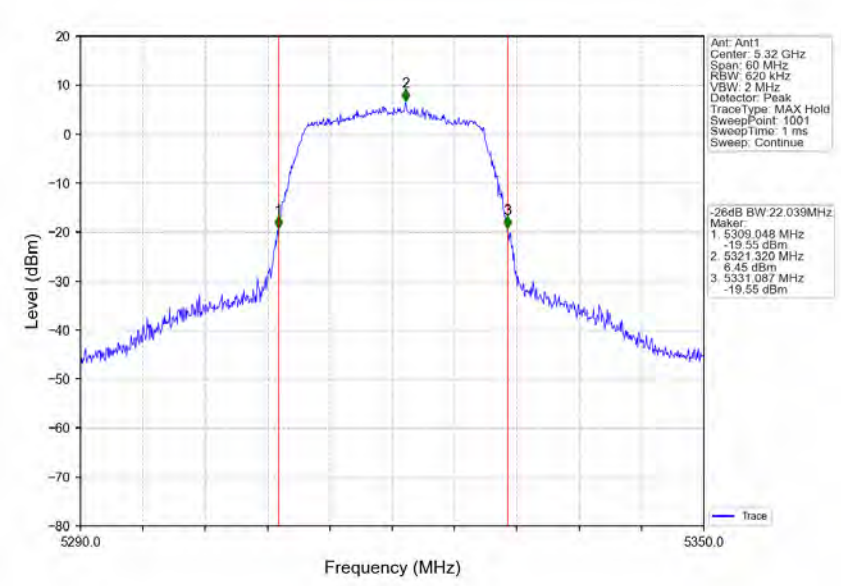
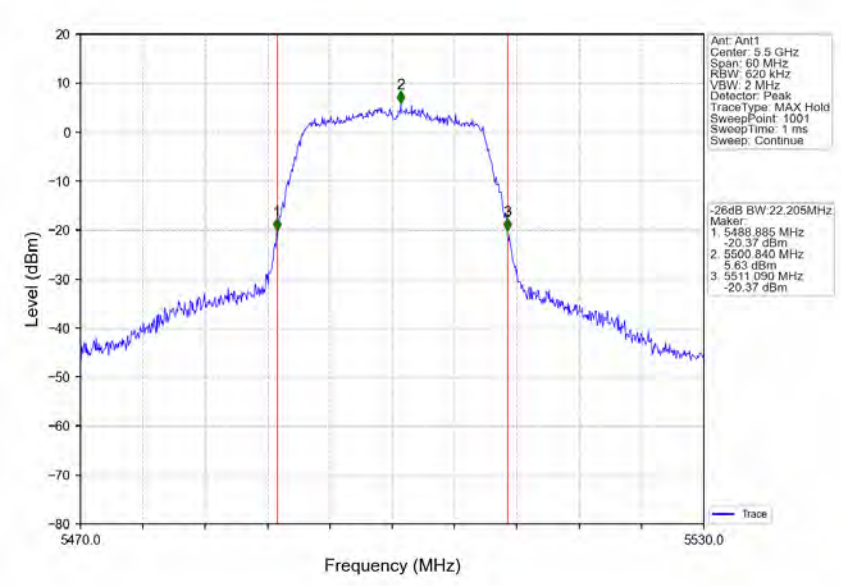
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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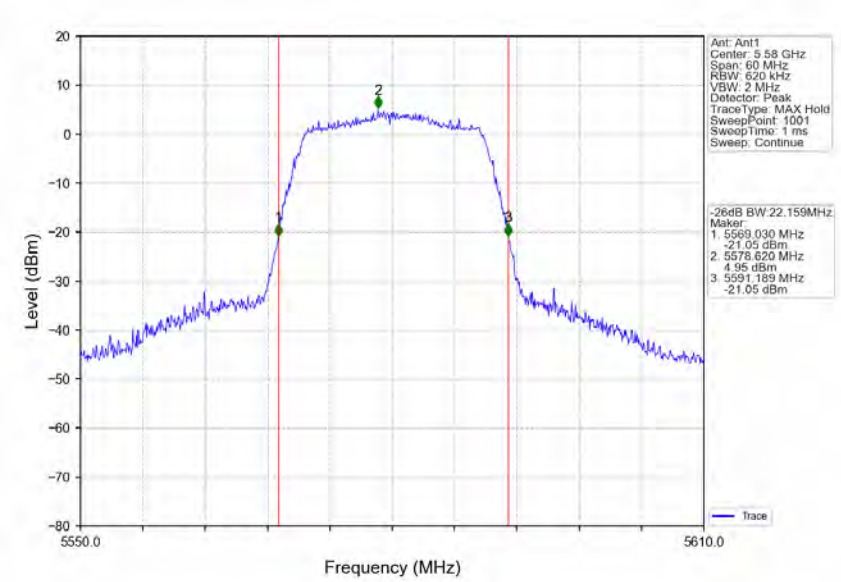
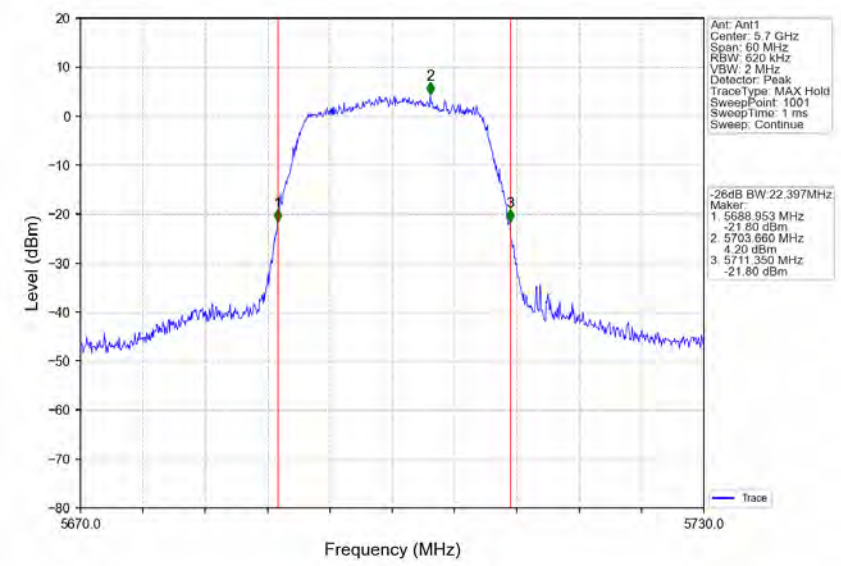
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



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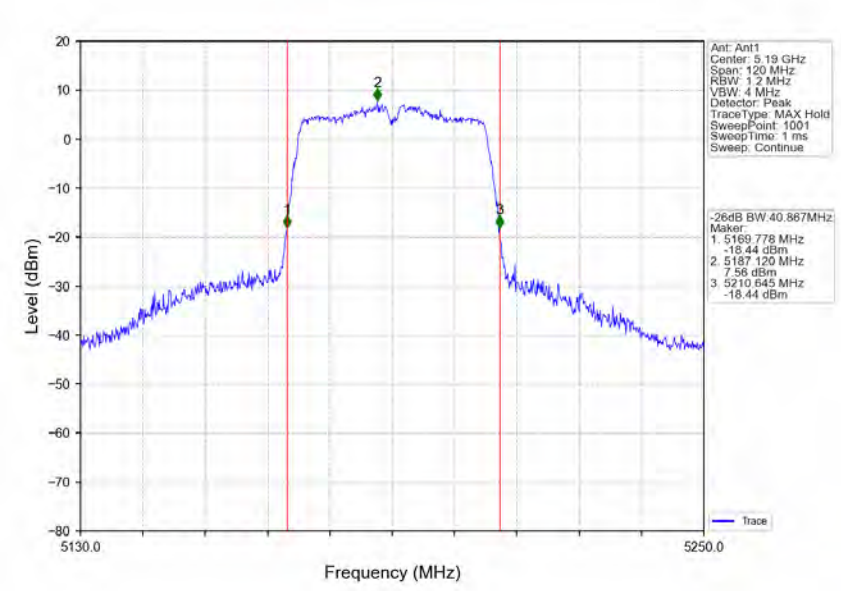
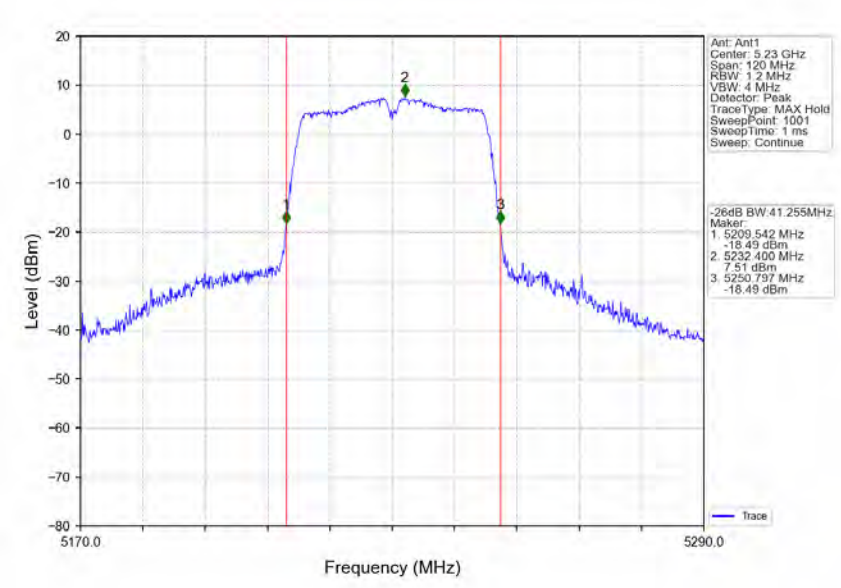
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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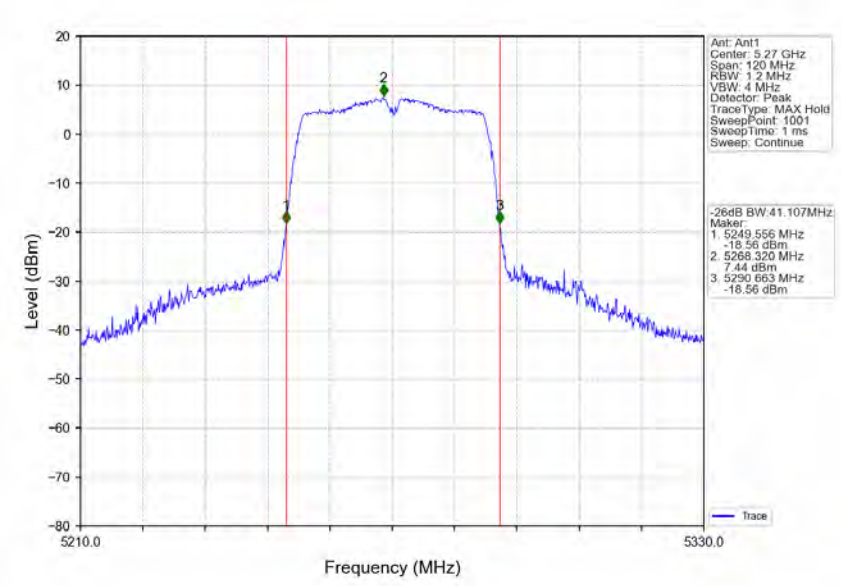
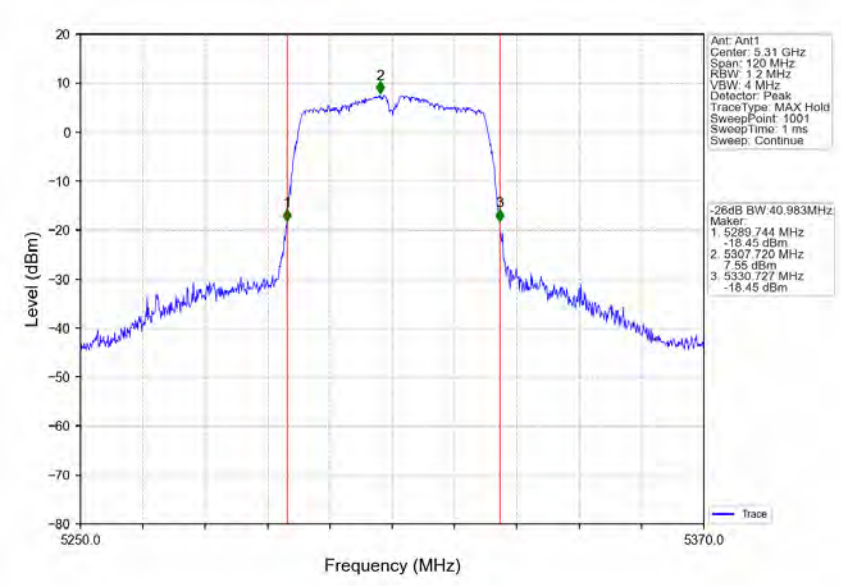
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



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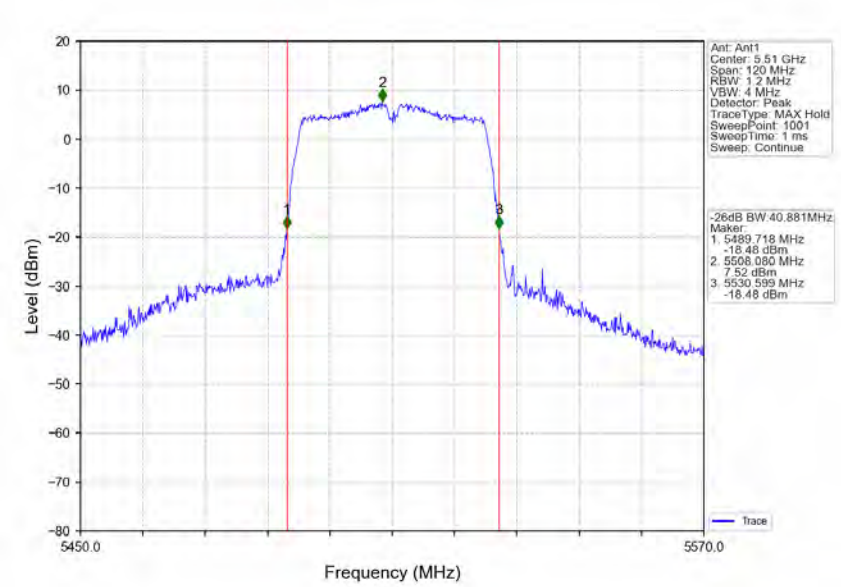
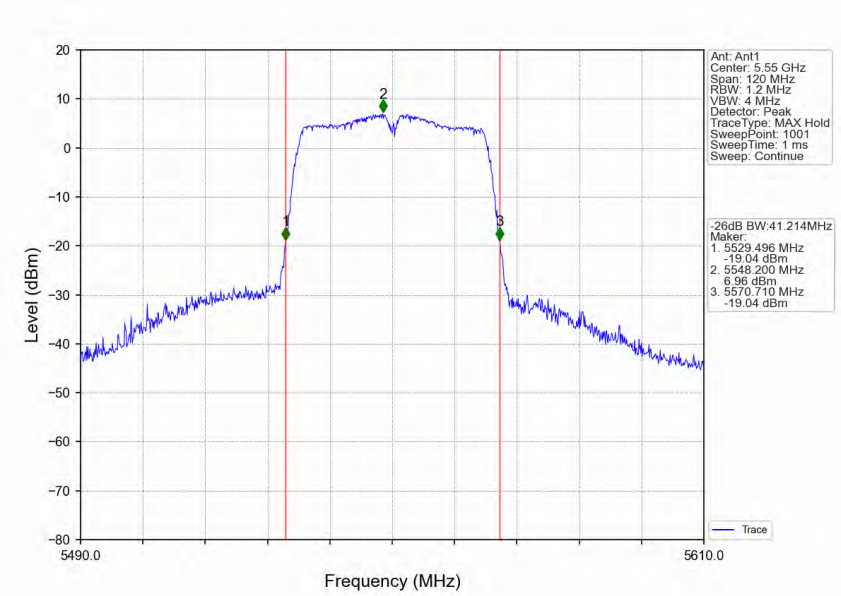
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



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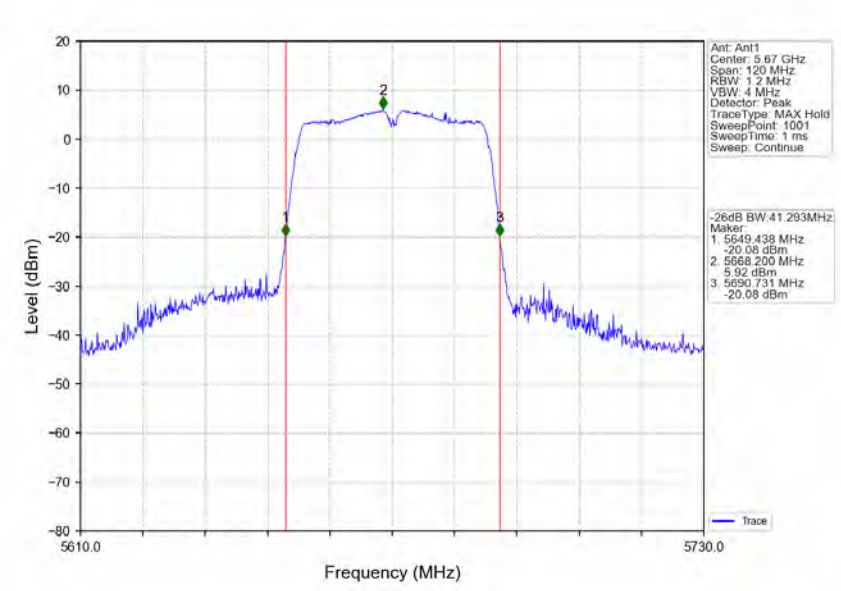
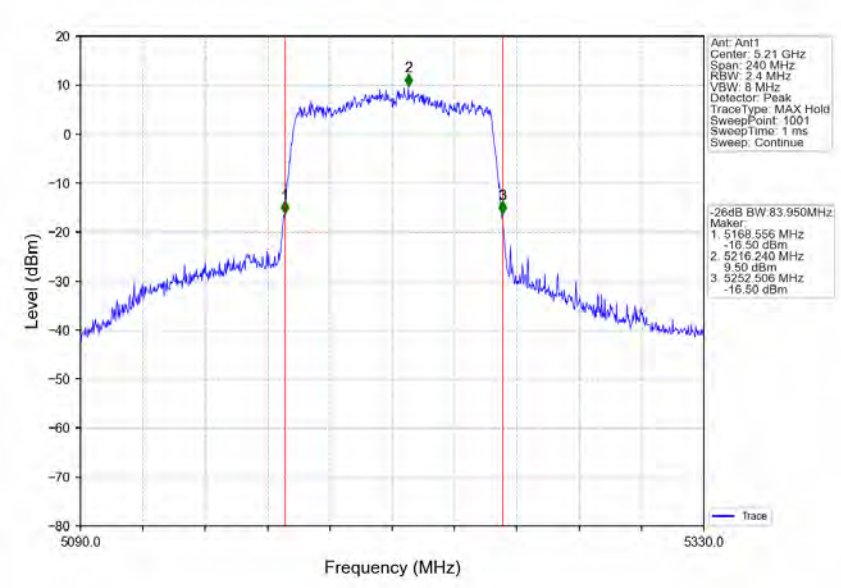
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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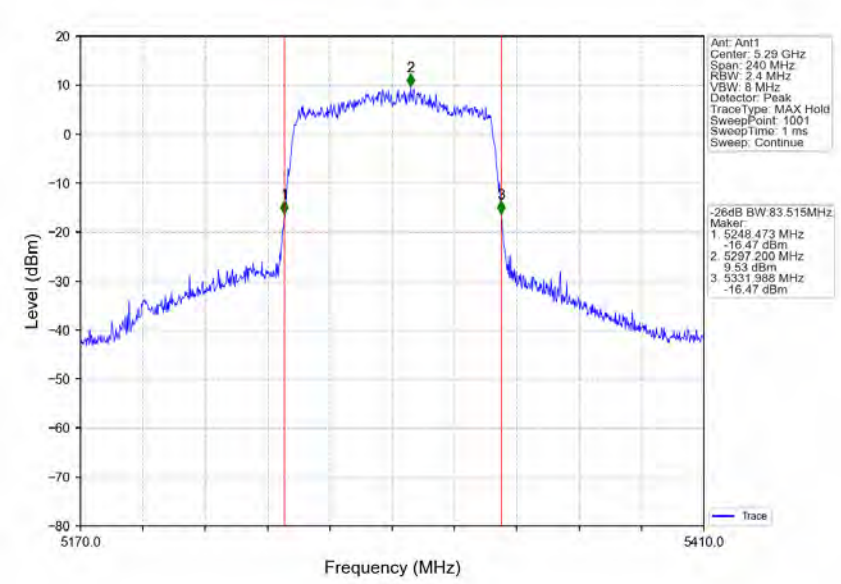
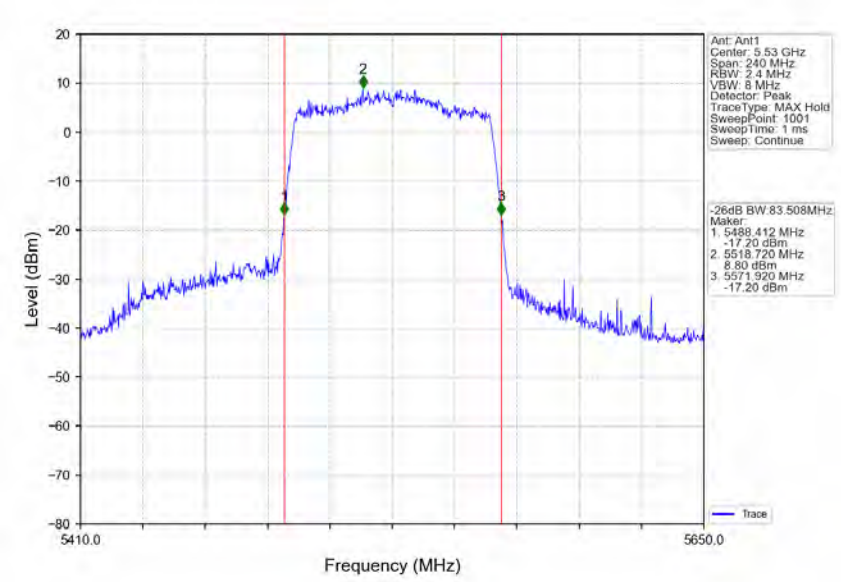
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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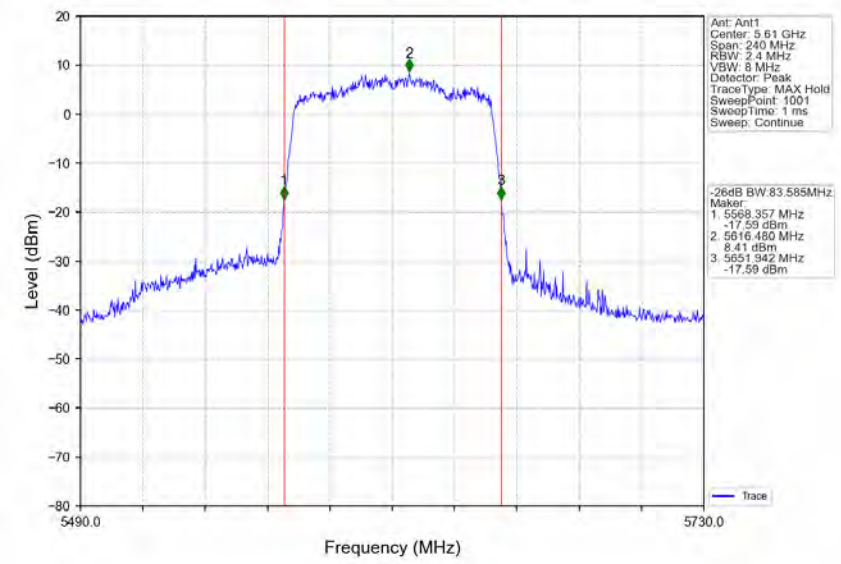
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Power For FCC

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	10.50	<=23.98	Pass
		5200	10.71	<=23.98	Pass
		5240	11.37	<=23.98	Pass
		5260	11.04	<=23.98	Pass
		5300	11.05	<=23.98	Pass
		5320	11.29	<=23.98	Pass
		5500	10.72	<=23.98	Pass
		5580	10.08	<=23.98	Pass
		5700	9.63	<=23.98	Pass
		5745	9.42	<=30	Pass
		5785	9.71	<=30	Pass
		5825	9.54	<=30	Pass
802.11n (HT20)	SISO	5180	9.93	<=23.98	Pass
		5200	10.20	<=23.98	Pass
		5240	10.88	<=23.98	Pass
		5260	10.46	<=23.98	Pass
		5300	10.73	<=23.98	Pass
		5320	10.77	<=23.98	Pass
		5500	10.30	<=23.98	Pass
		5580	9.40	<=23.98	Pass
		5700	9.29	<=23.98	Pass
		5745	8.88	<=30	Pass
		5785	9.17	<=30	Pass
		5825	9.10	<=30	Pass
802.11n (HT40)	SISO	5190	10.81	<=23.98	Pass
		5230	11.36	<=23.98	Pass
		5270	11.27	<=23.98	Pass
		5310	11.40	<=23.98	Pass
		5510	11.03	<=23.98	Pass
		5550	10.81	<=23.98	Pass
		5670	9.89	<=23.98	Pass

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		5755	9.93	<=30	Pass
		5795	9.92	<=30	Pass
802.11ac (VHT20)	SISO	5180	9.84	<=23.98	Pass
		5200	10.16	<=23.98	Pass
		5240	10.82	<=23.98	Pass
		5260	10.52	<=23.98	Pass
		5300	10.83	<=23.98	Pass
		5320	10.82	<=23.98	Pass
		5500	10.09	<=23.98	Pass
		5580	9.51	<=23.98	Pass
		5700	9.13	<=23.98	Pass
		5745	8.93	<=30	Pass
		5785	9.31	<=30	Pass
		5825	9.19	<=30	Pass
802.11ac (VHT40)	SISO	5190	10.77	<=23.98	Pass
		5230	11.40	<=23.98	Pass
		5270	11.26	<=23.98	Pass
		5310	11.46	<=23.98	Pass
		5510	10.87	<=23.98	Pass
		5550	10.89	<=23.98	Pass
		5670	9.97	<=23.98	Pass
		5755	9.92	<=30	Pass
		5795	9.81	<=30	Pass
802.11ac (VHT80)	SISO	5210	11.19	<=23.98	Pass
		5290	11.40	<=23.98	Pass
		5530	10.98	<=23.98	Pass
		5610	10.54	<=23.98	Pass
		5775	9.57	<=30	Pass
Note1: Antenna Gain: Band1: 0.05dBi; Band2: 0.35dBi; Band3: 1.79dBi; Band4: 1.3dBi;					

3.1.2 EIRP For IC

3.1.3 Test Result

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	10.55	<=22.53	Pass
		5200	10.76	<=22.5	Pass
		5240	11.42	<=22.51	Pass

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		5260	11.39	<=29.52	Pass
		5300	11.40	<=29.5	Pass
		5320	11.64	<=29.52	Pass
		5500	12.51	<=29.5	Pass
		5580	11.87	<=29.51	Pass
		5700	11.42	<=29.49	Pass
		5745	10.72	/	Pass
		5785	11.01	/	Pass
		5825	10.84	/	Pass
802.11n (HT20)	SISO	5180	9.98	<=22.74	Pass
		5200	10.25	<=22.73	Pass
		5240	10.93	<=22.73	Pass
		5260	10.81	<=29.7	Pass
		5300	11.08	<=29.71	Pass
		5320	11.12	<=29.74	Pass
		5500	12.09	<=29.72	Pass
		5580	11.19	<=29.73	Pass
		5700	11.08	<=29.74	Pass
		5745	10.18	/	Pass
		5785	10.47	/	Pass
		5825	10.40	/	Pass
802.11n (HT40)	SISO	5190	10.86	<=23.01	Pass
		5230	11.41	<=23.01	Pass
		5270	11.62	<=30	Pass
		5310	11.75	<=30	Pass
		5510	12.82	<=30	Pass
		5550	12.60	<=30	Pass
		5670	11.68	<=30	Pass
		5755	11.23	/	Pass
		5795	11.22	/	Pass
802.11ac (VHT20)	SISO	5180	9.89	<=22.74	Pass
		5200	10.21	<=22.73	Pass
		5240	10.87	<=22.73	Pass
		5260	10.87	<=29.73	Pass
		5300	11.18	<=29.74	Pass
		5320	11.17	<=29.72	Pass
		5500	11.88	<=29.73	Pass
		5580	11.30	<=29.74	Pass
		5700	10.92	<=29.73	Pass

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		5745	10.23	/	Pass
		5785	10.61	/	Pass
		5825	10.49	/	Pass
802.11ac (VHT40)	SISO	5190	10.82	<=23.01	Pass
		5230	11.45	<=23.01	Pass
		5270	11.61	<=30	Pass
		5310	11.81	<=30	Pass
		5510	12.66	<=30	Pass
		5550	12.68	<=30	Pass
		5670	11.76	<=30	Pass
		5755	11.22	/	Pass
		5795	11.11	/	Pass
802.11ac (VHT80)	SISO	5210	11.24	<=23.01	Pass
		5290	11.75	<=30	Pass
		5530	12.77	<=30	Pass
		5775	10.87	/	Pass
Note1: Antenna Gain: Band1: 0.05dBi; Band2: 0.35dBi; Band3: 1.79dBi; Band4: 1.3dBi; Note2: E.I.R.P = Measured Power + Antenna Gain					

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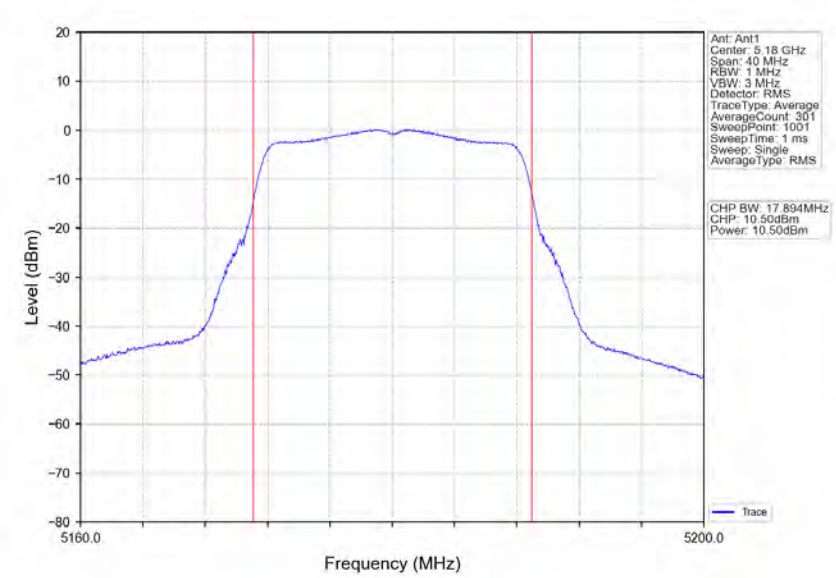
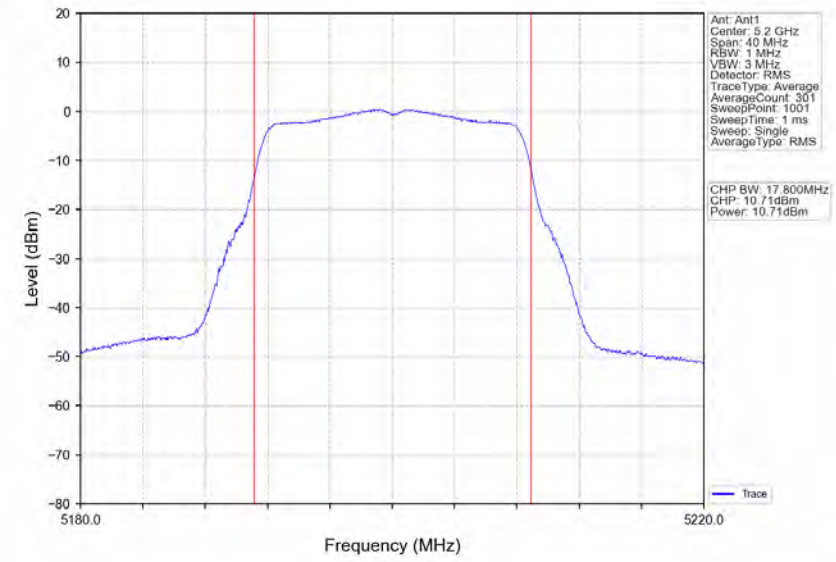
3.1.4 Test Graph

802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

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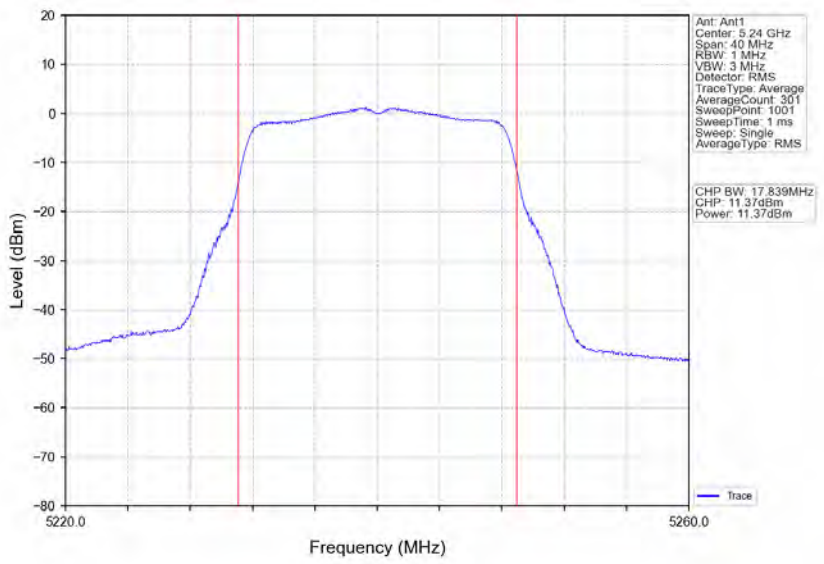
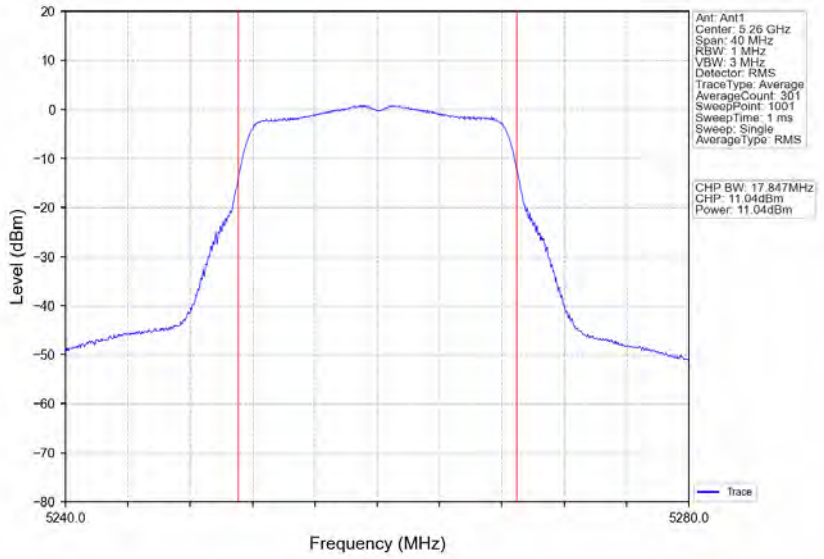


802.11a_LCH_5260MHz_Ant1_NTNV



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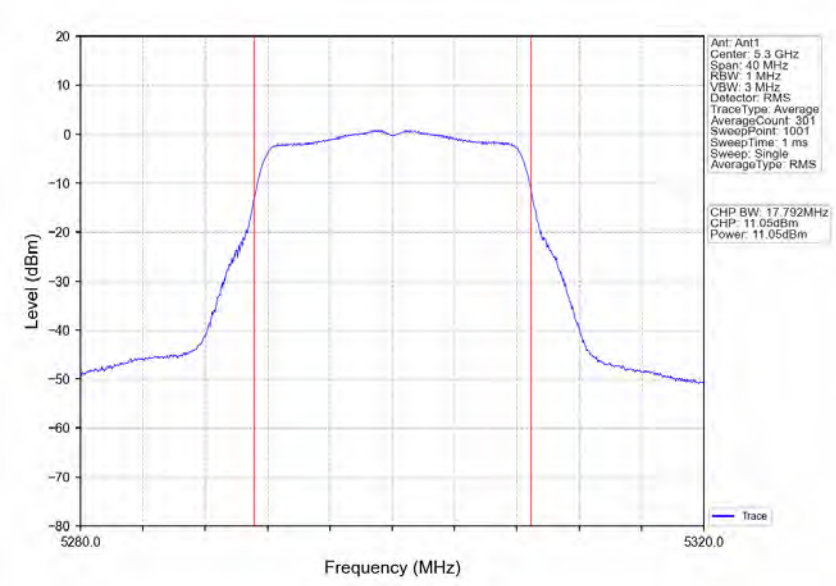
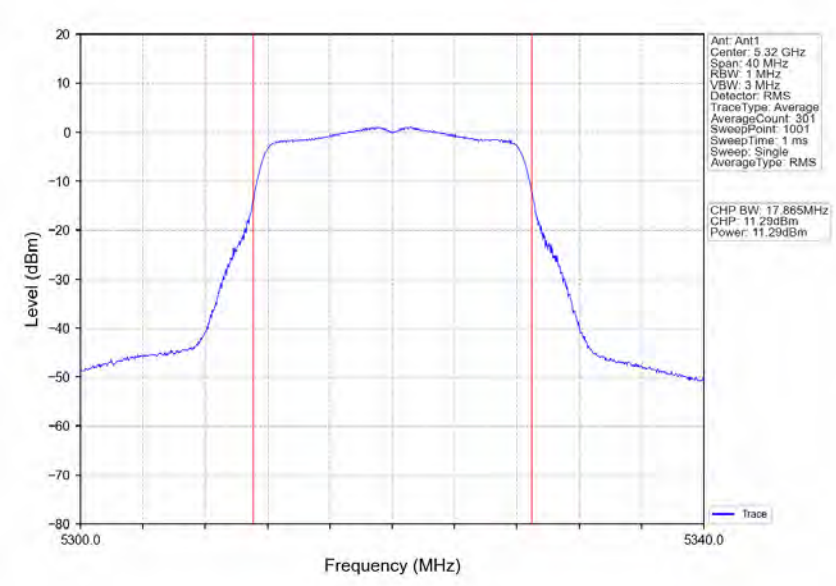
802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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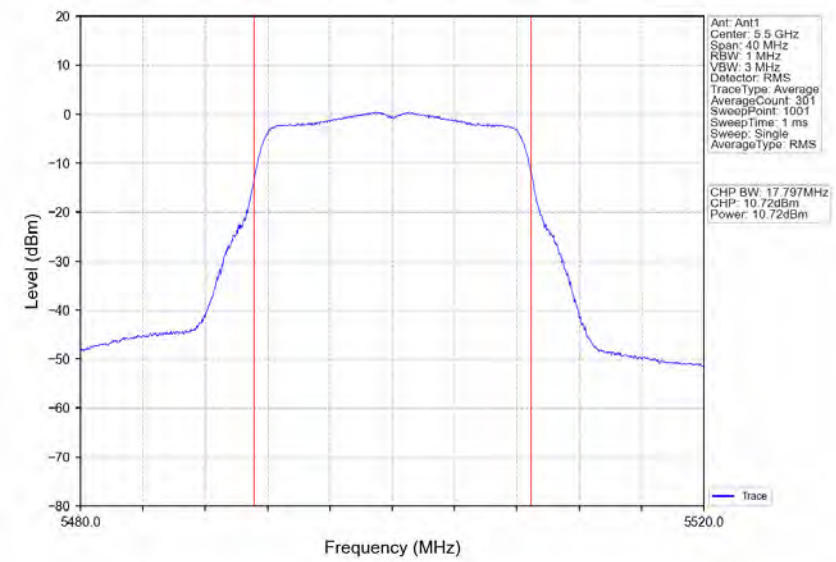
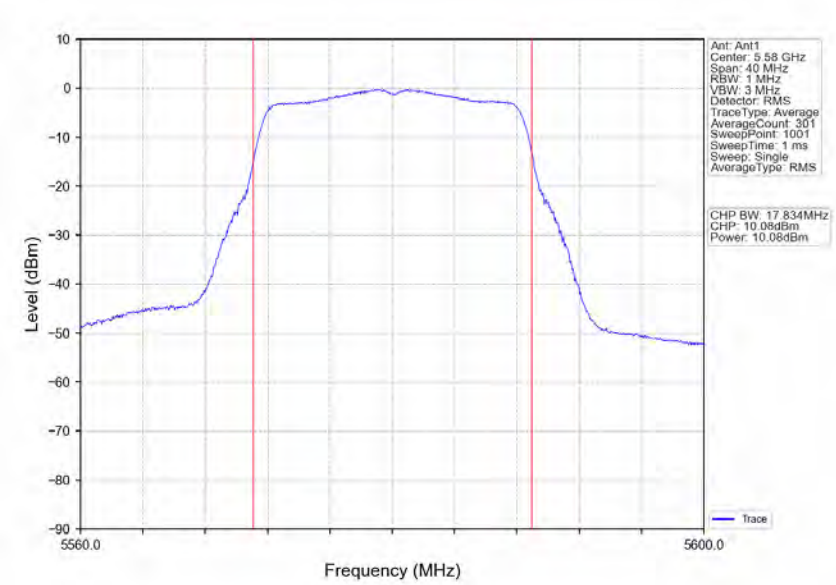
802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



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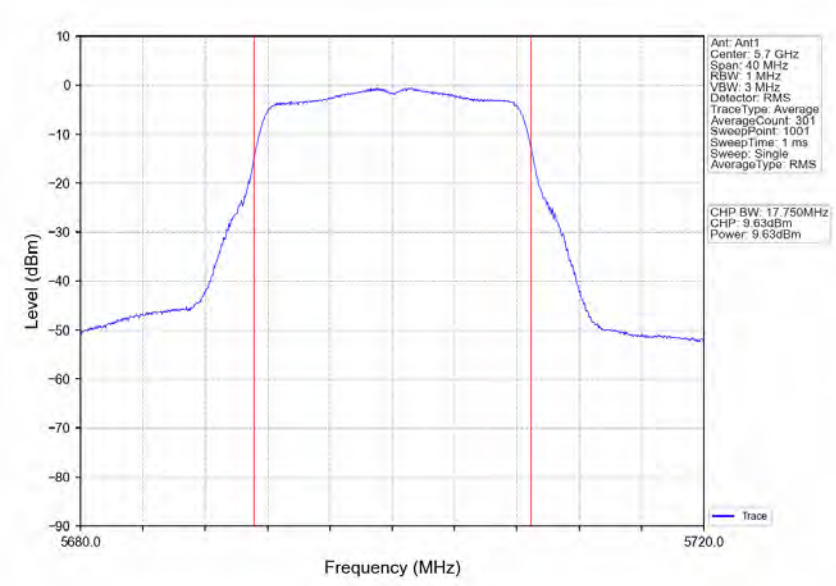
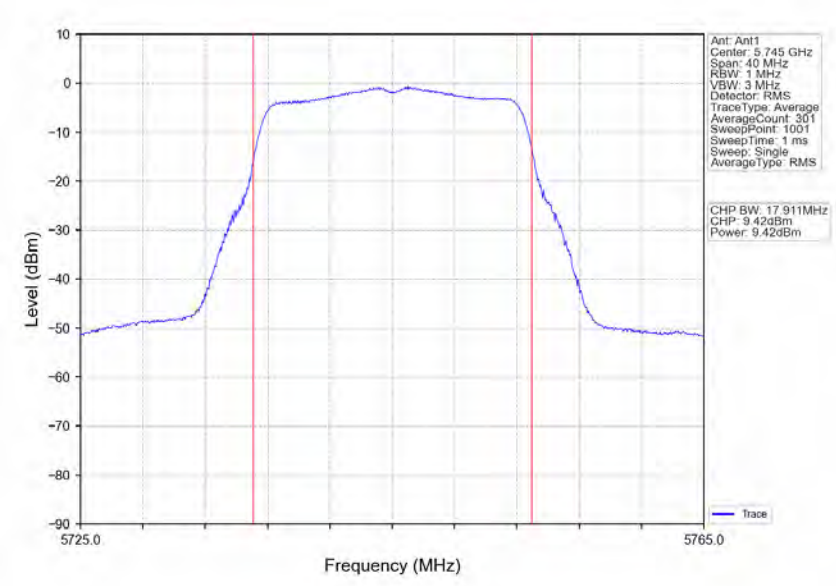
802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV



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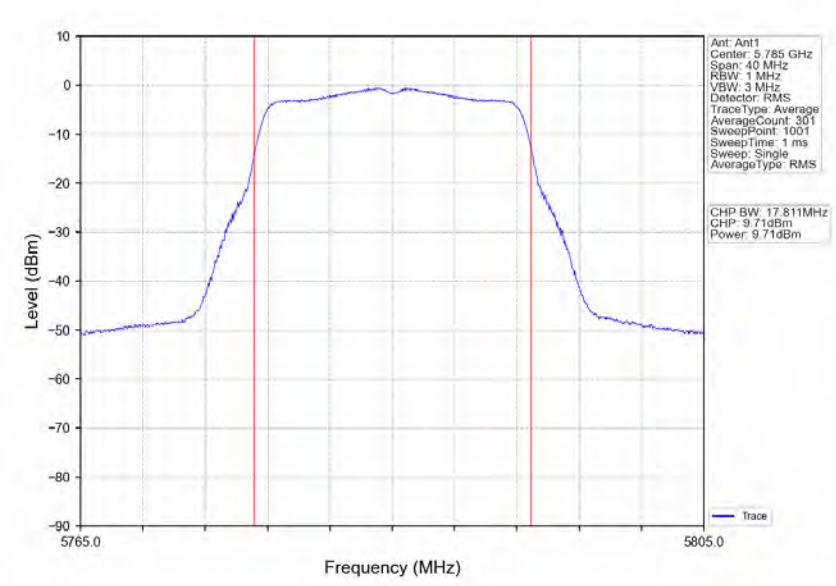
802.11a_MCH_5785MHz_Ant1_NTNV



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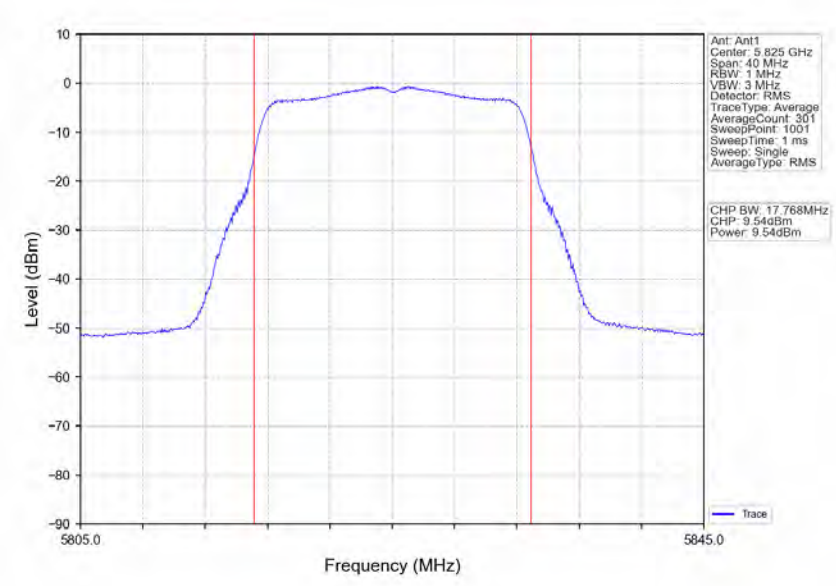

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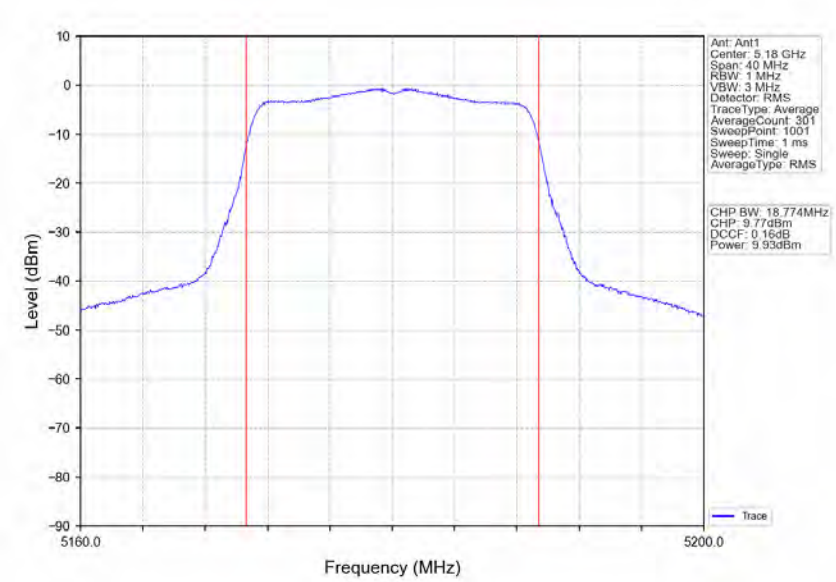
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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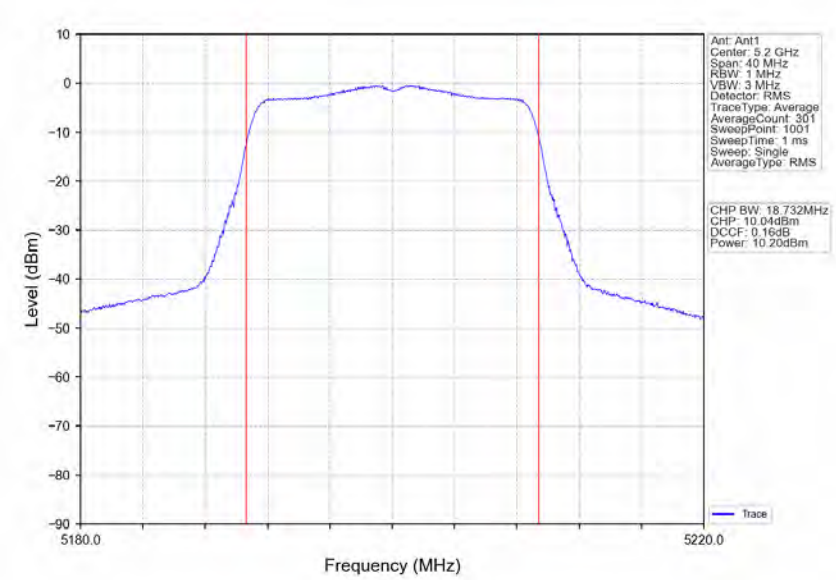

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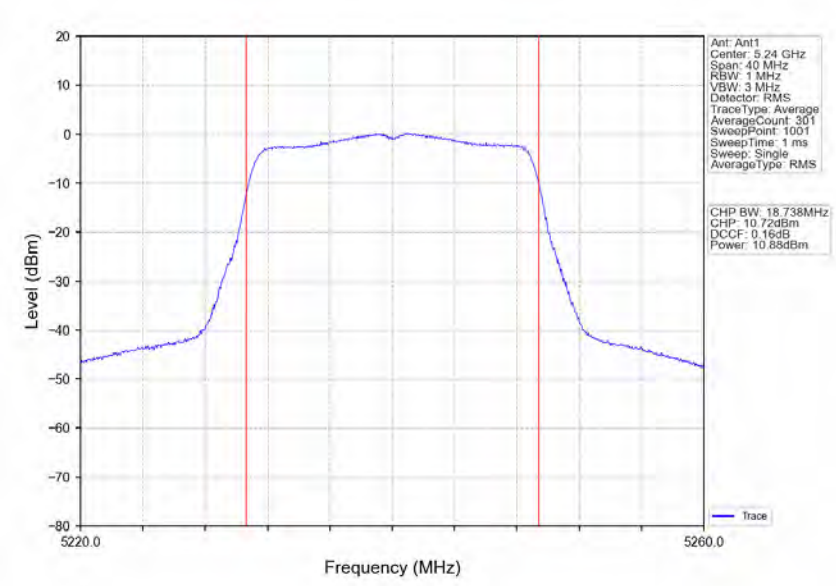
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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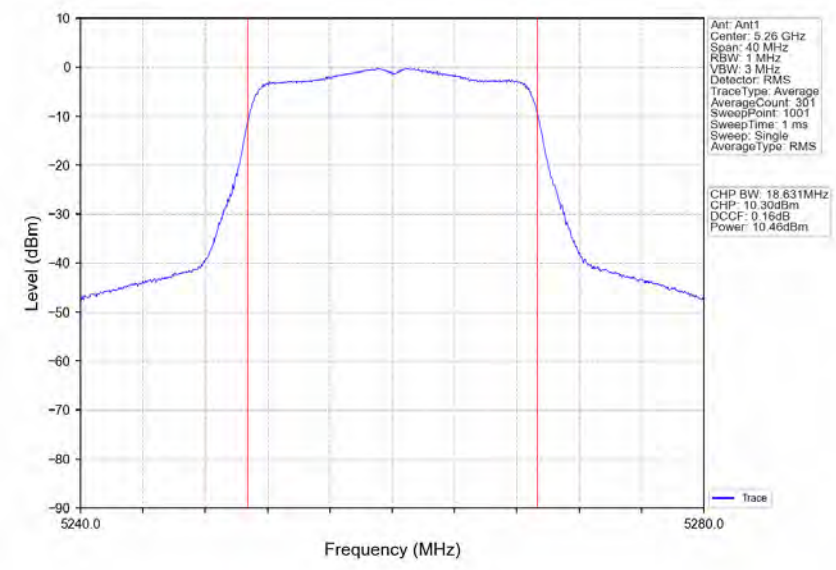

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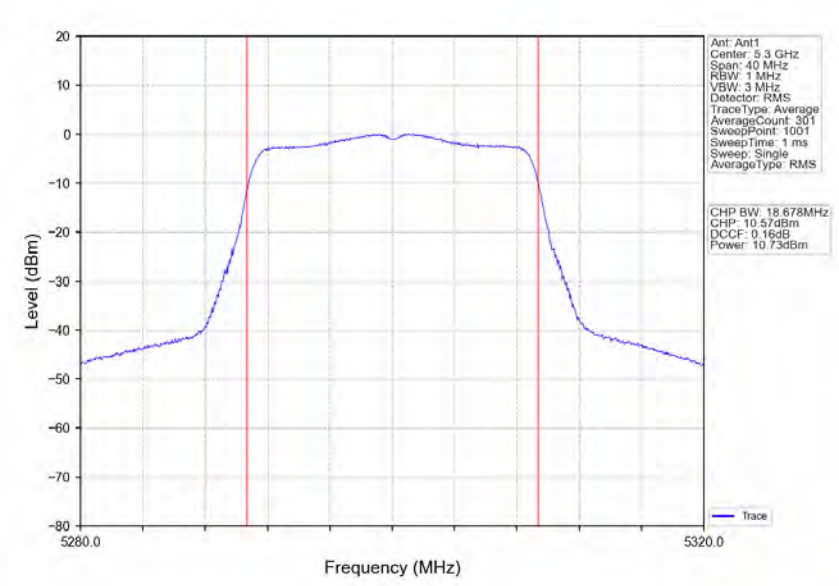

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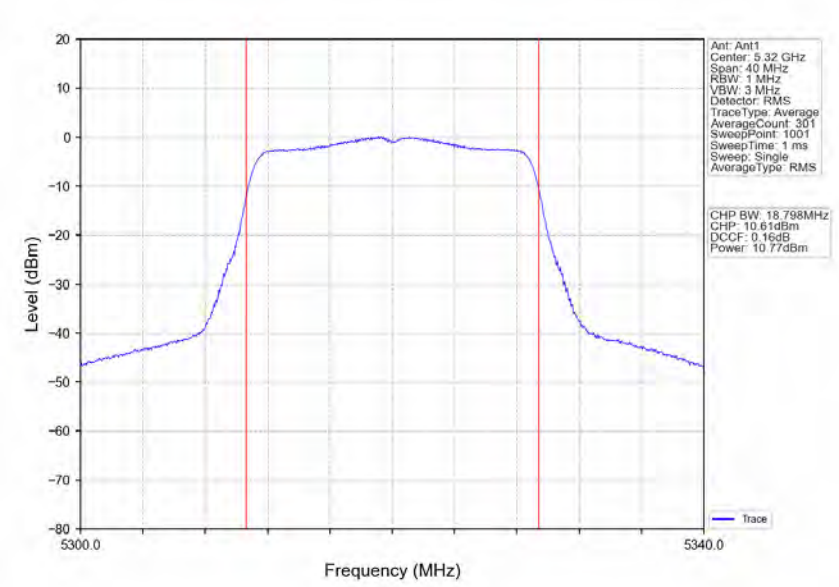

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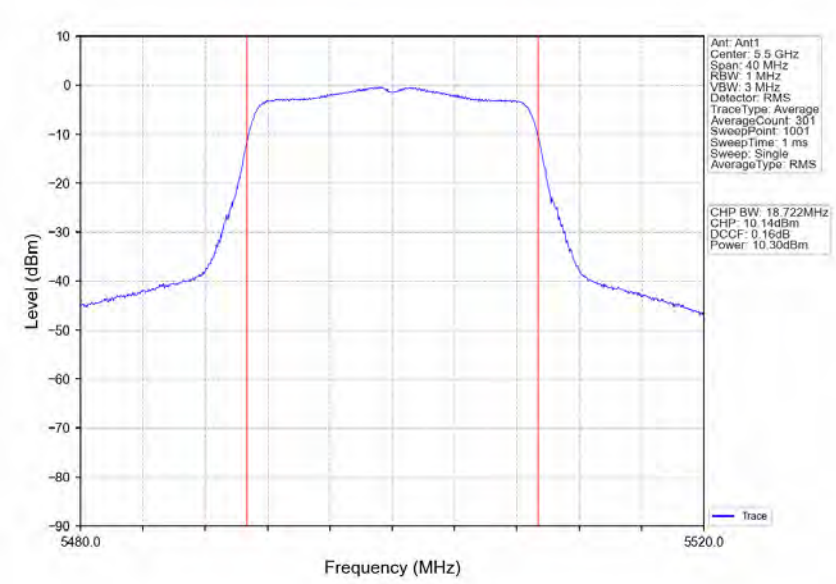
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



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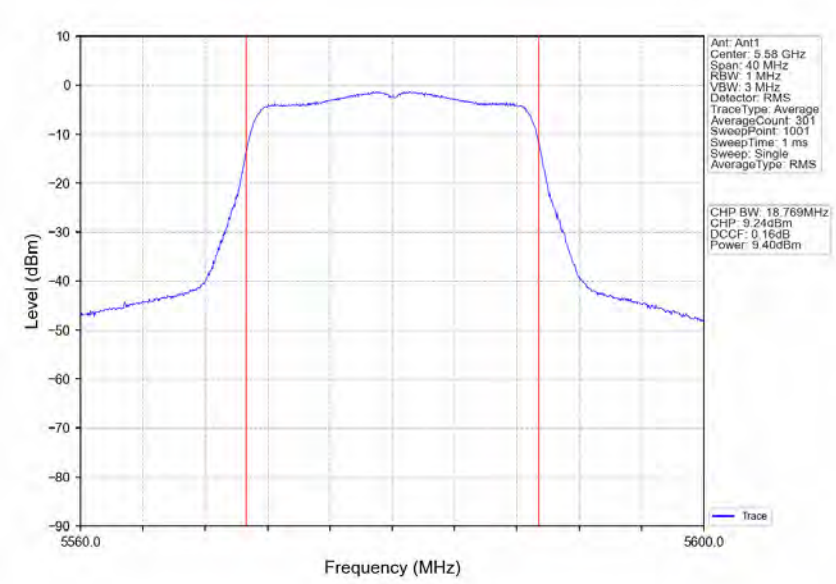

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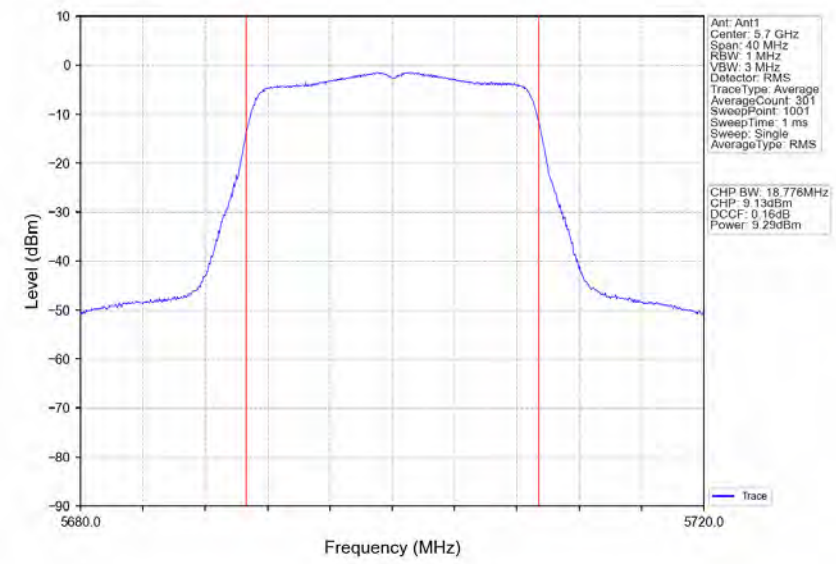
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



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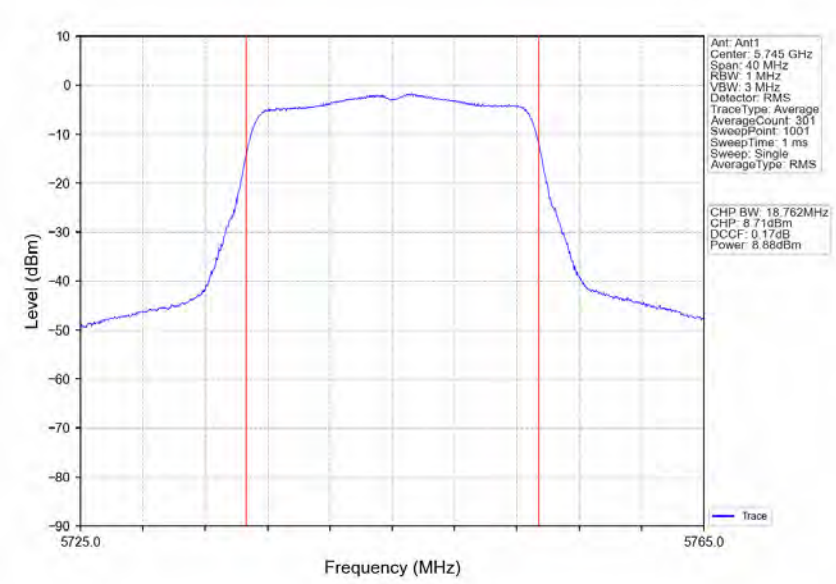

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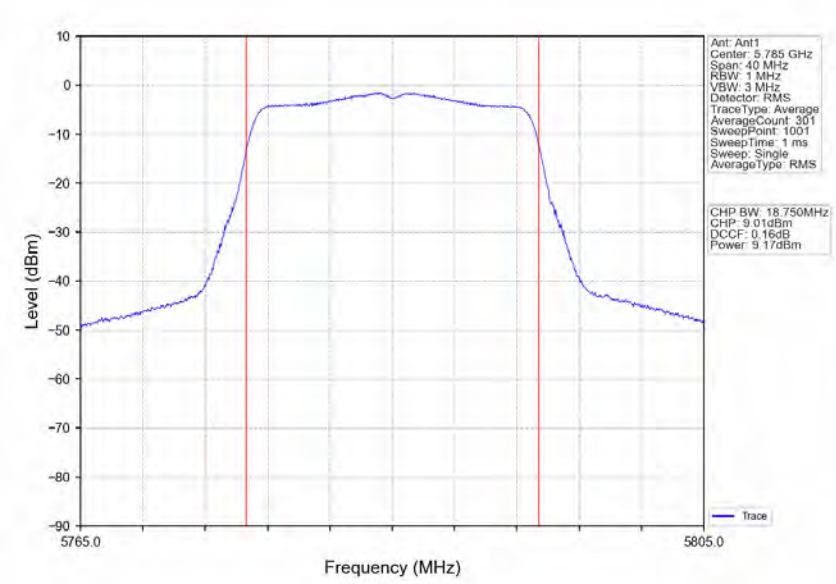
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



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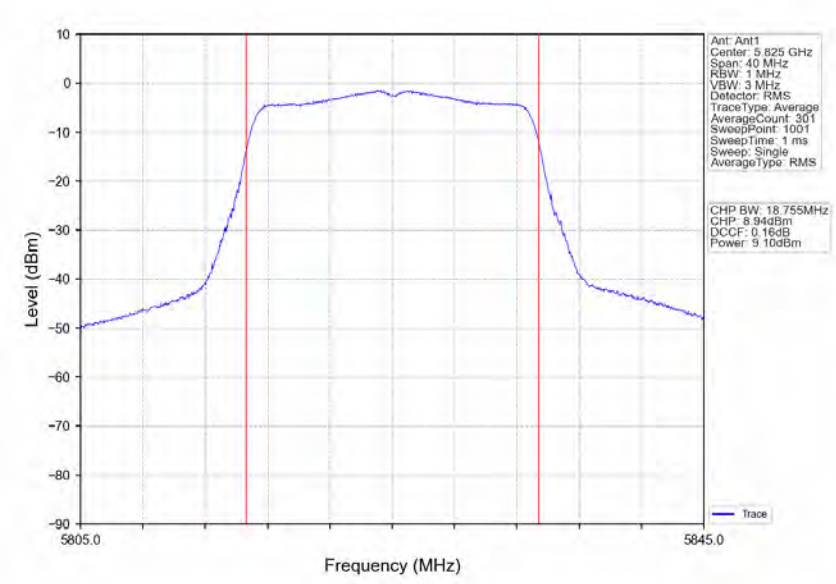

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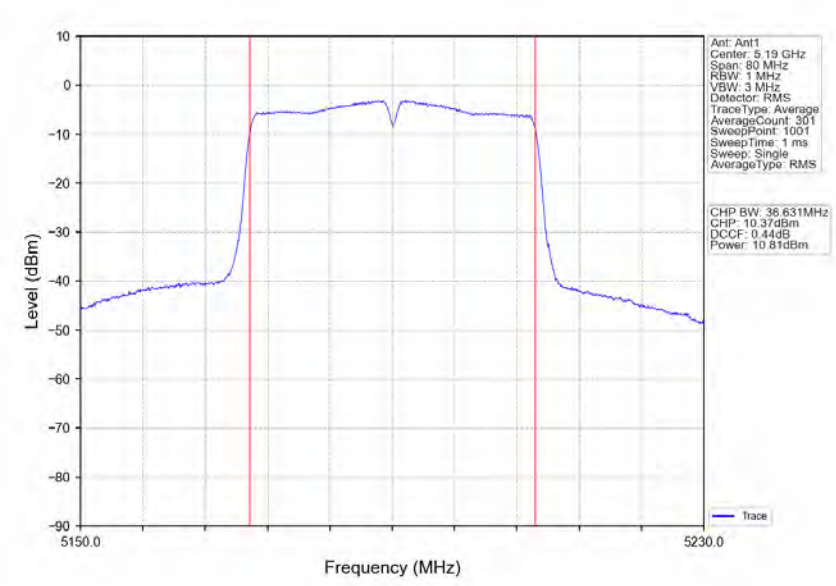
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



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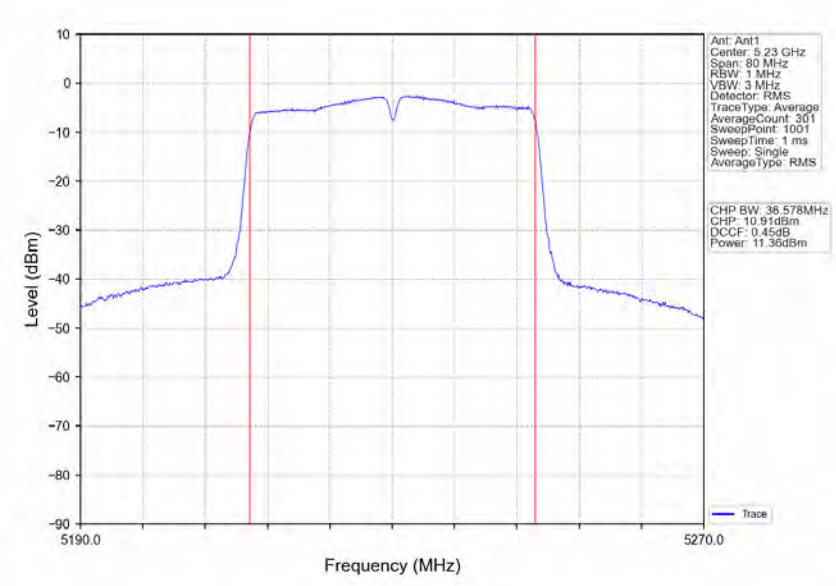

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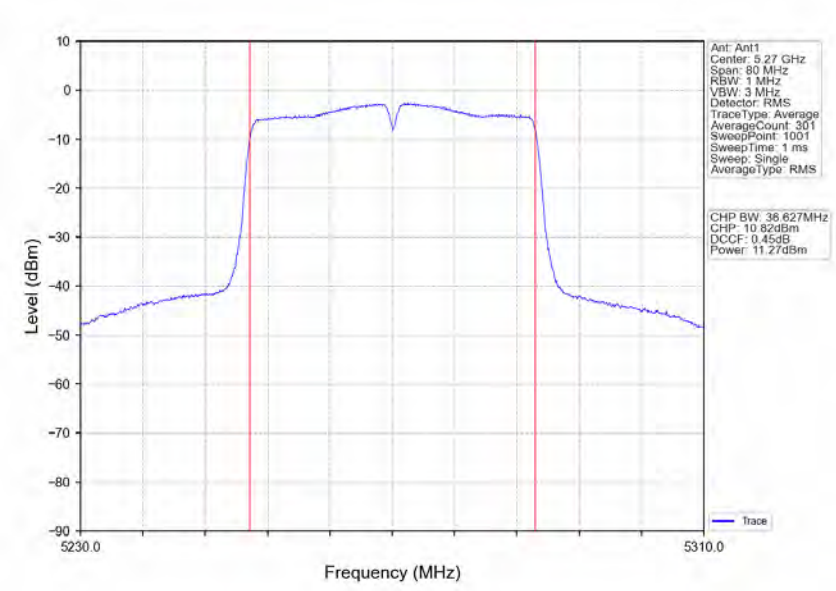
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



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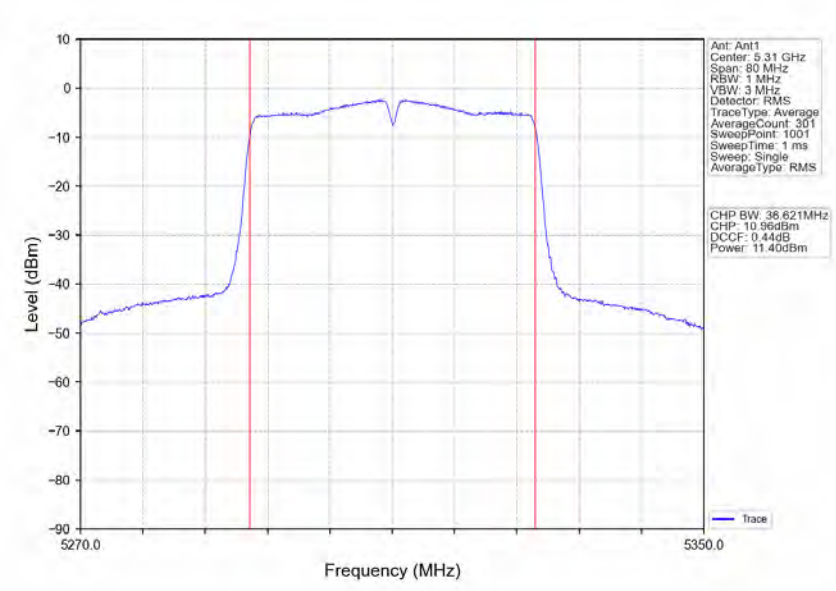

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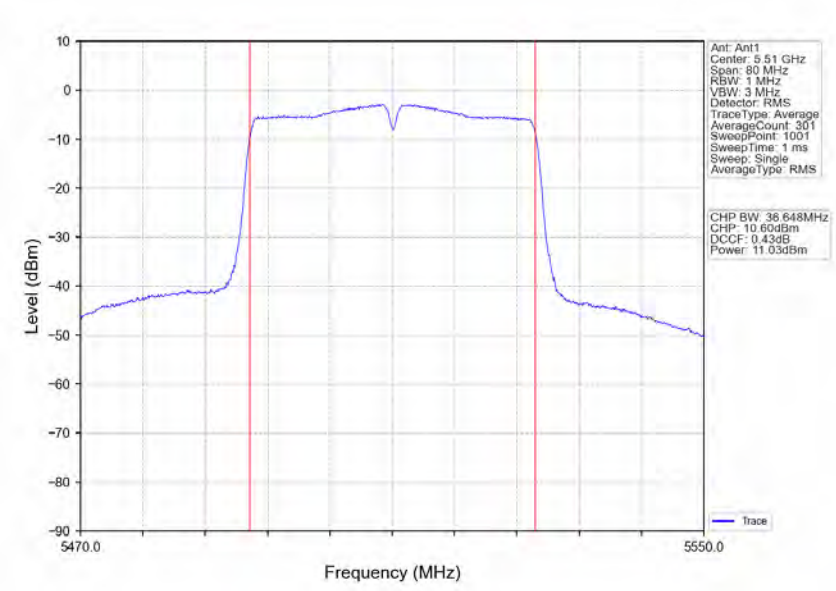
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



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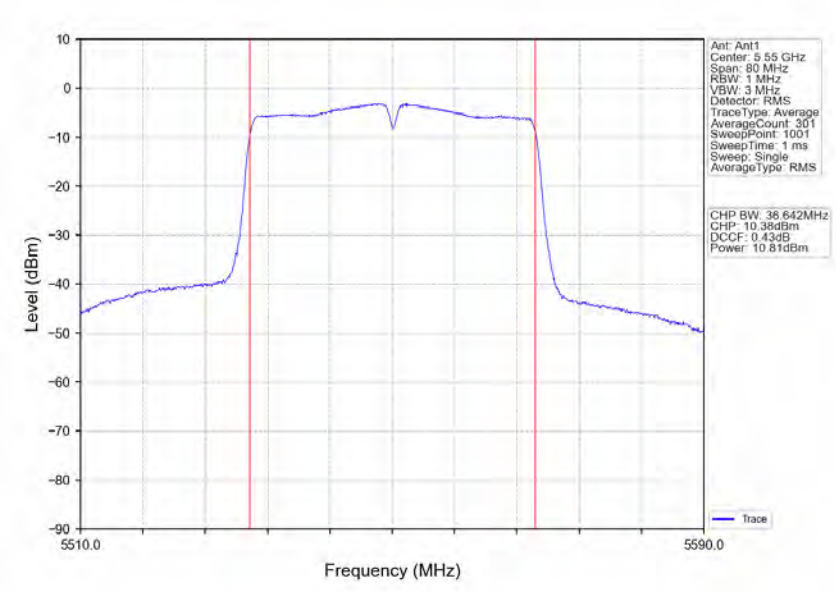

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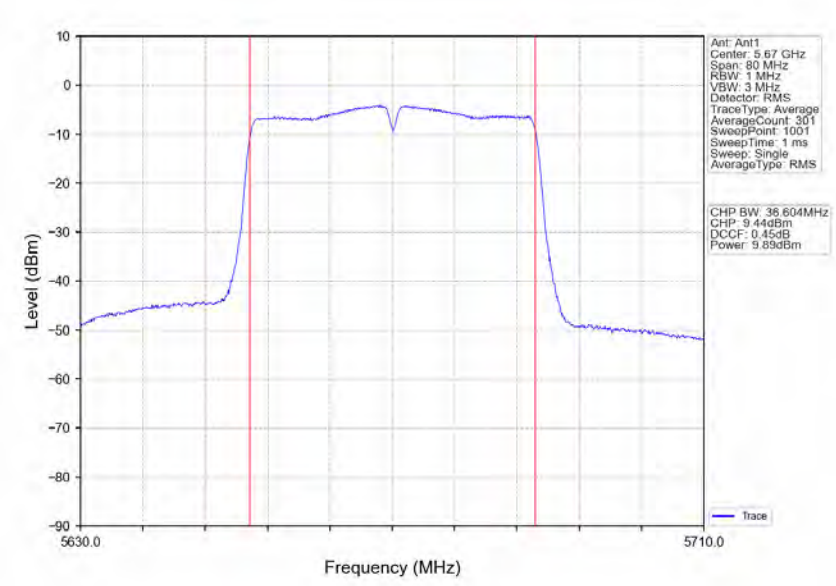
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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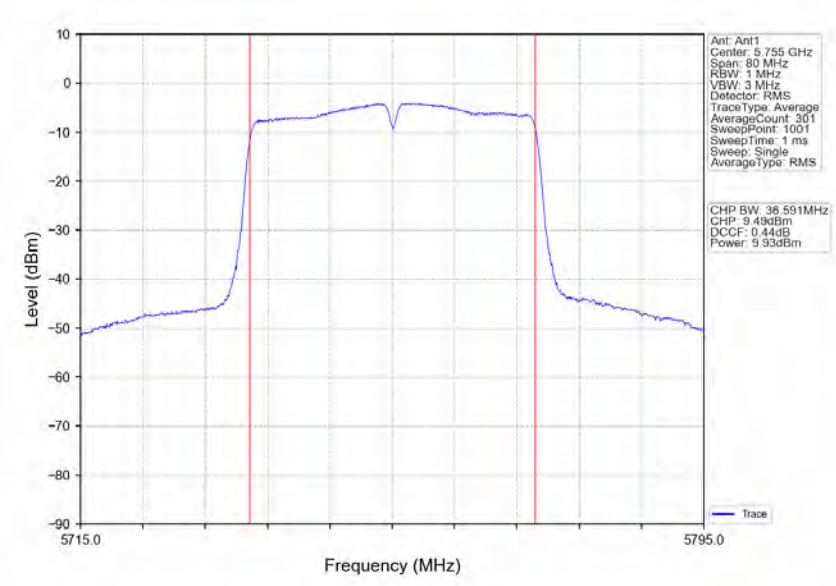

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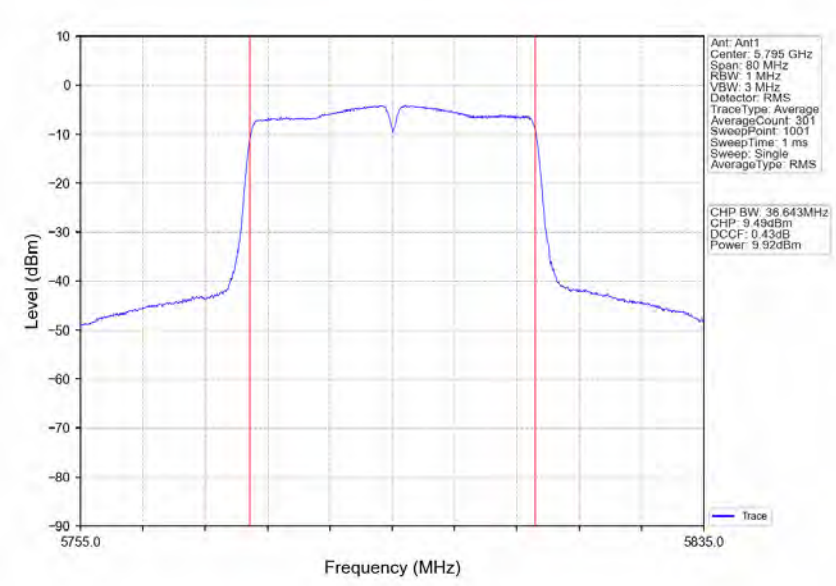
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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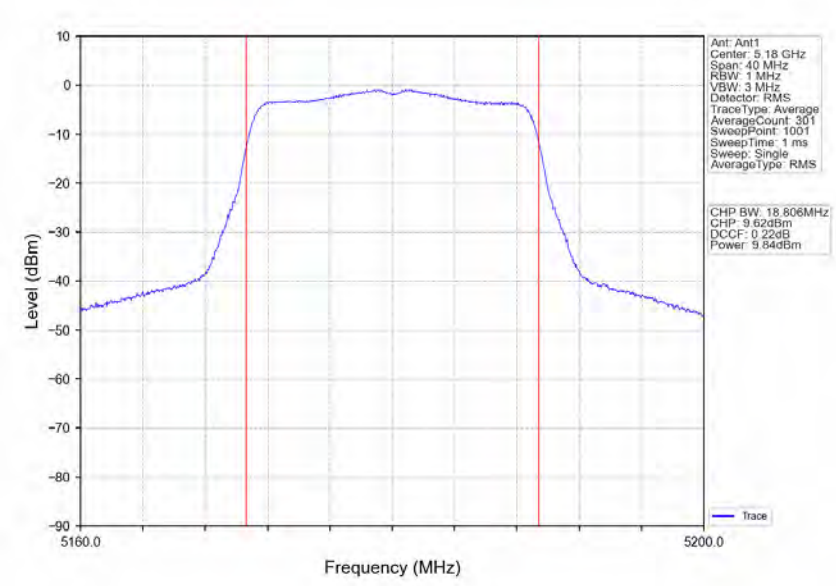

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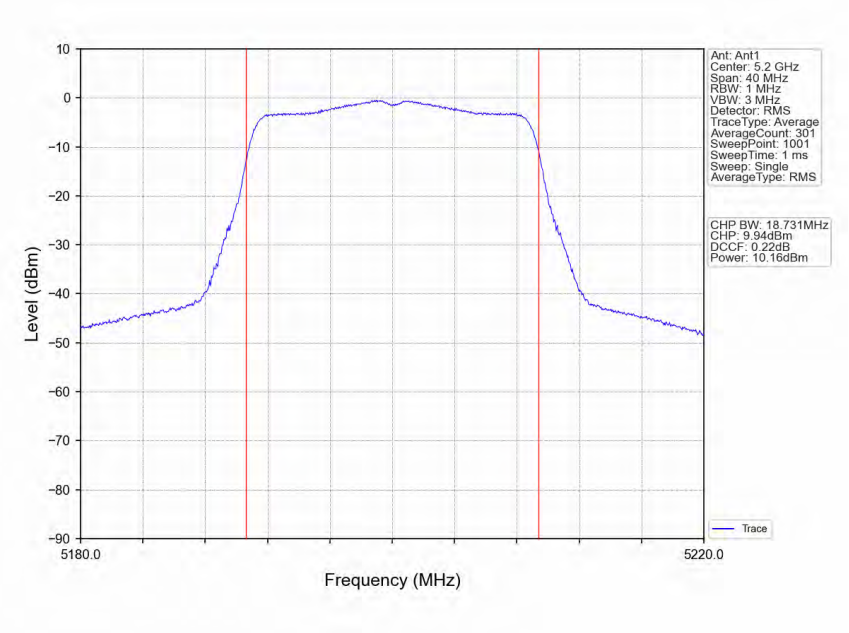
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



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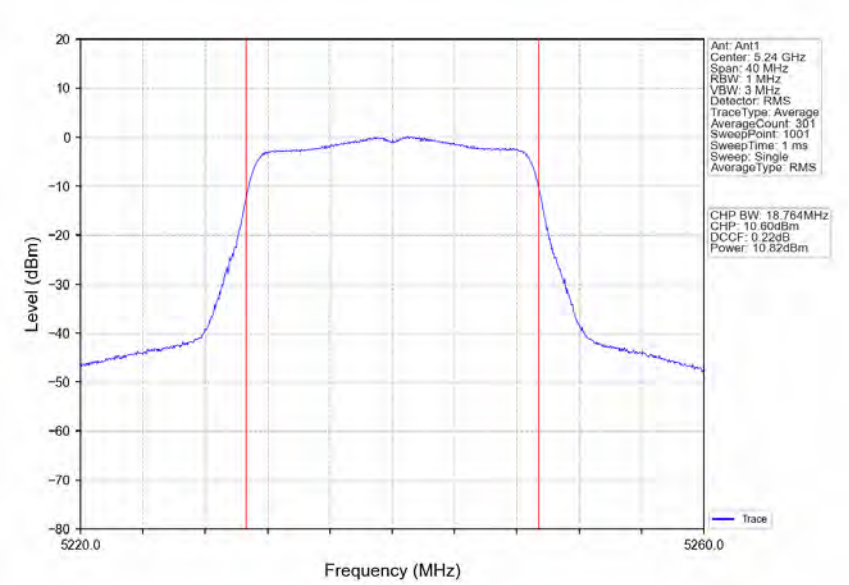

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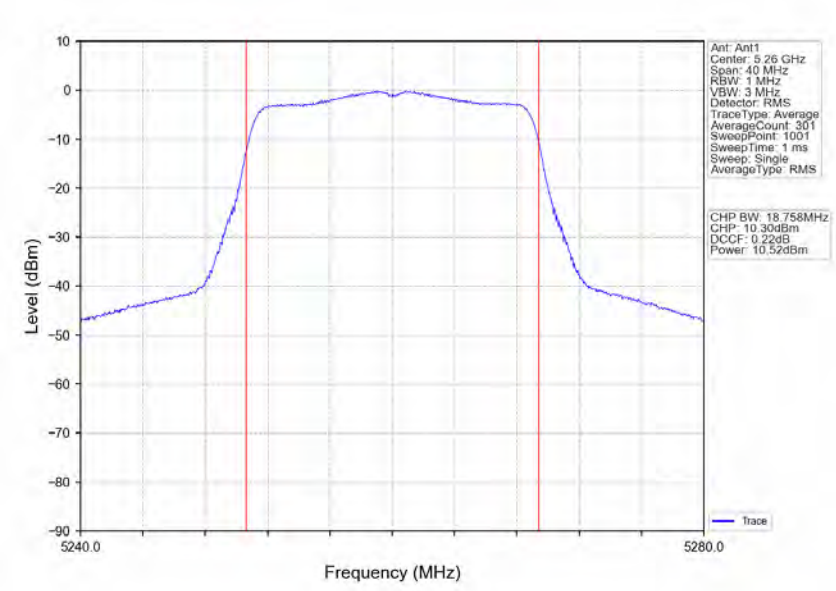
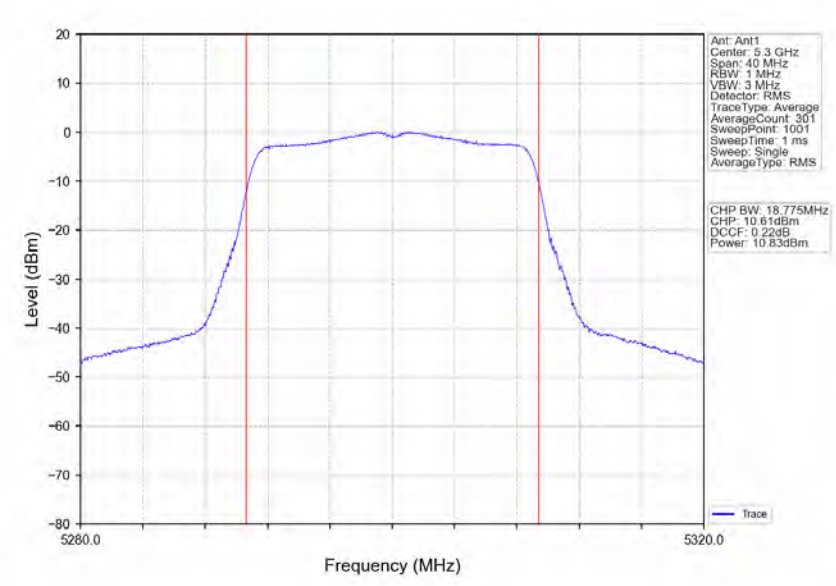
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



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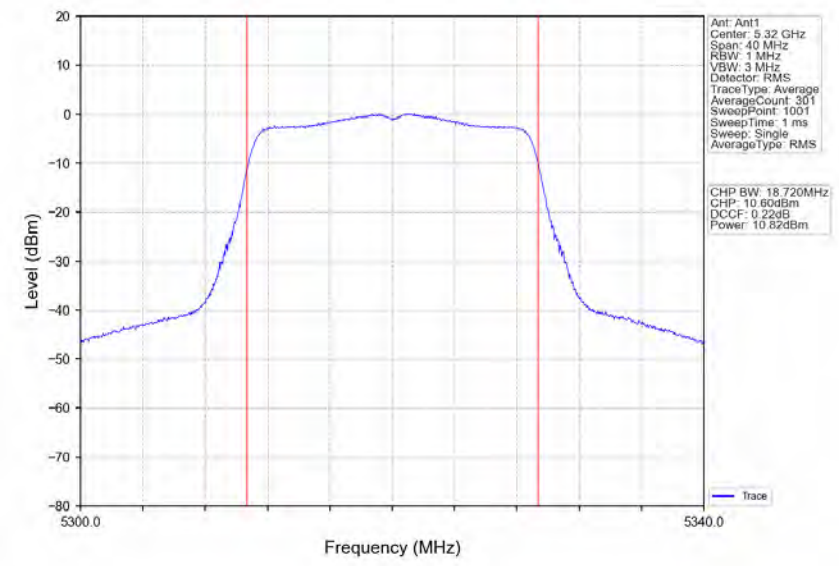

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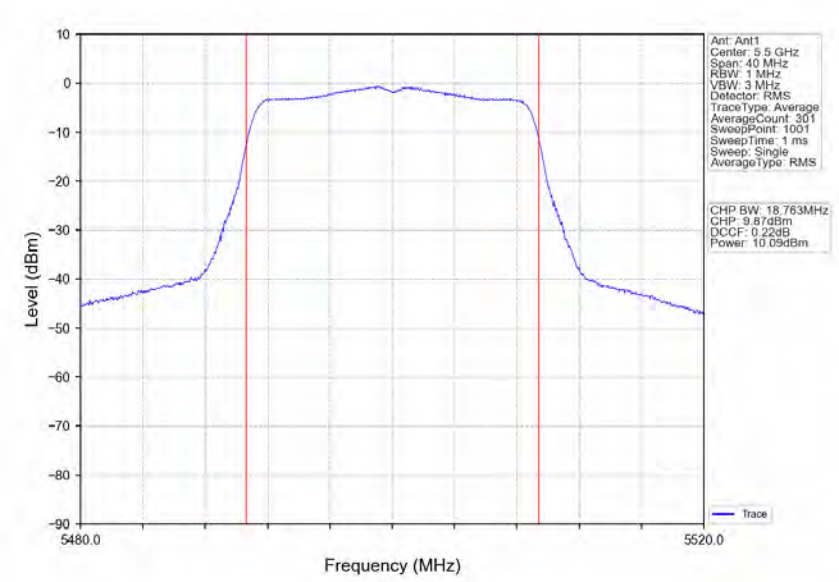

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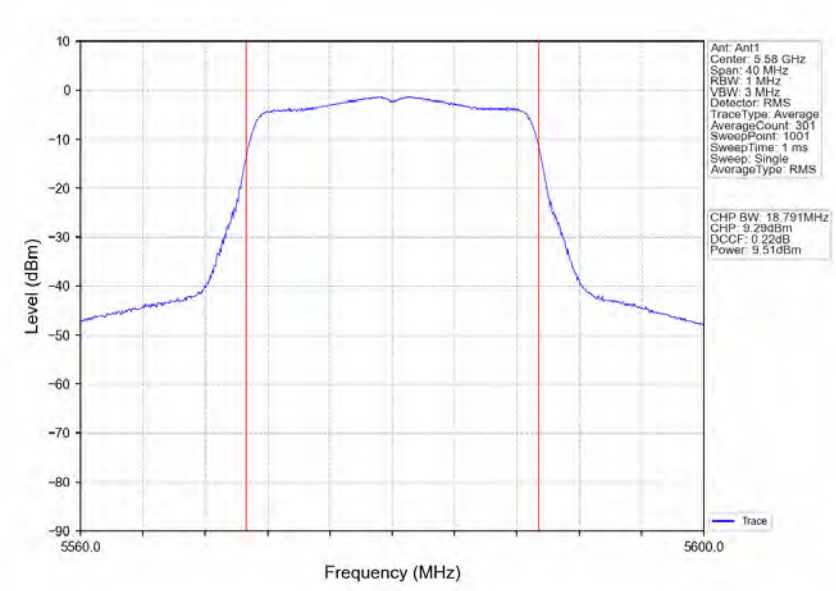

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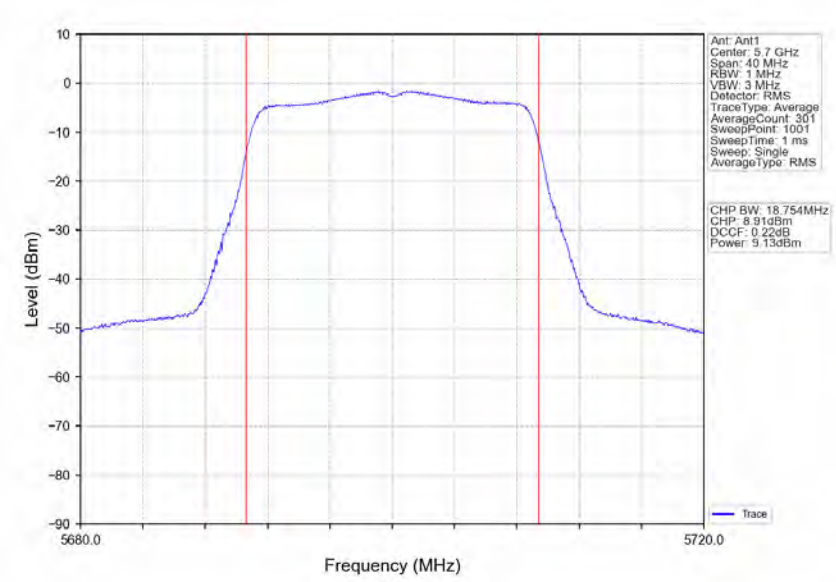

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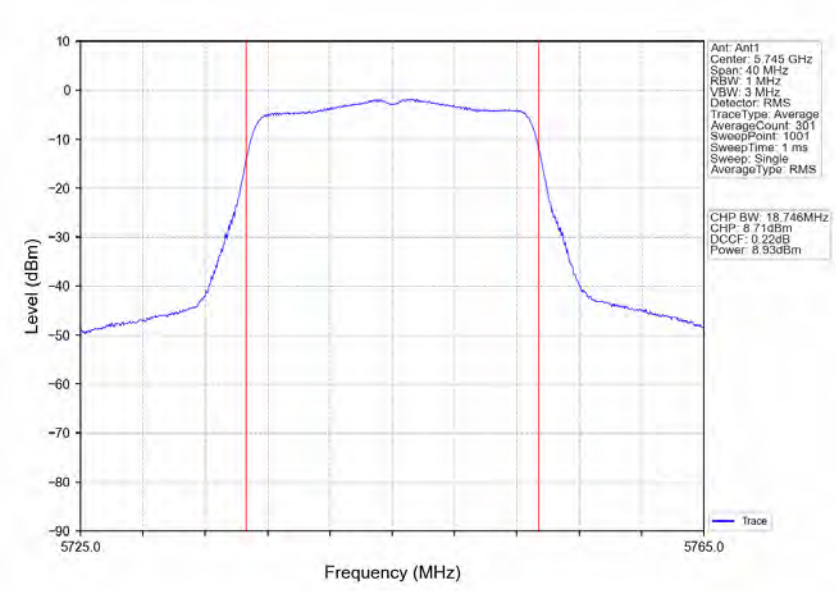
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



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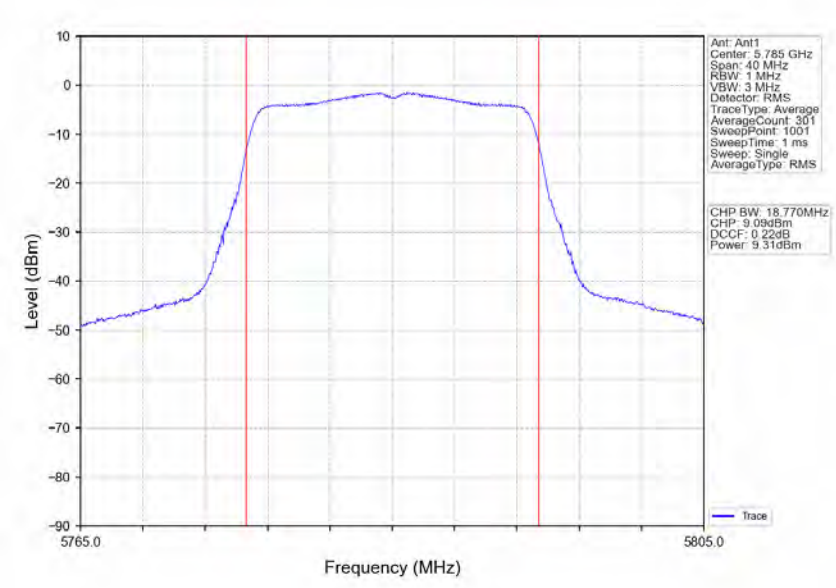

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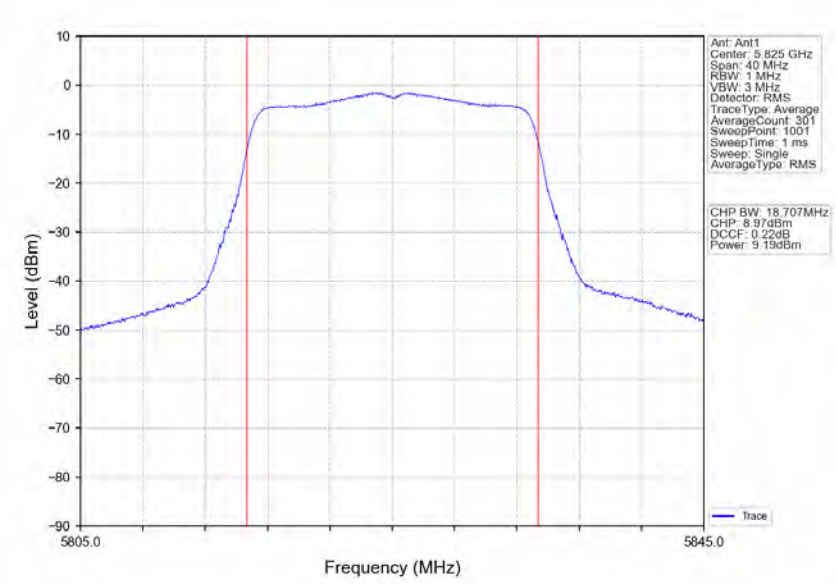
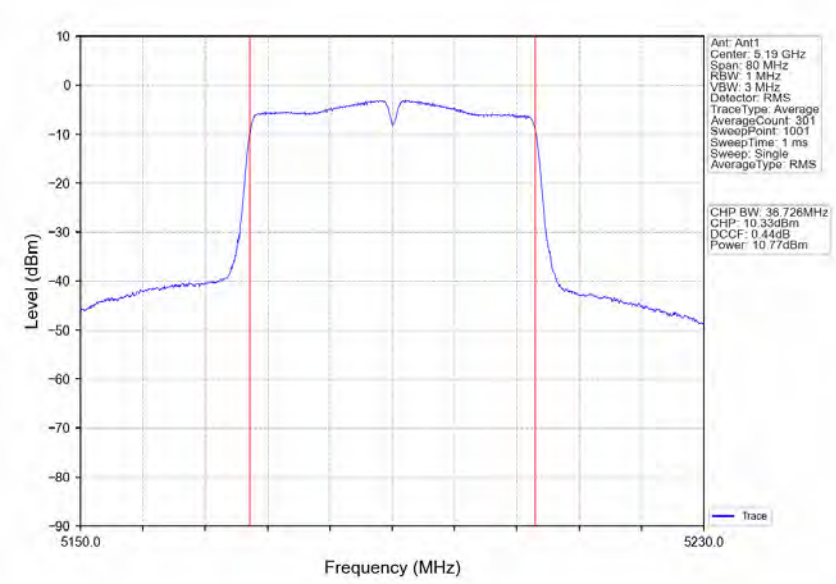
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



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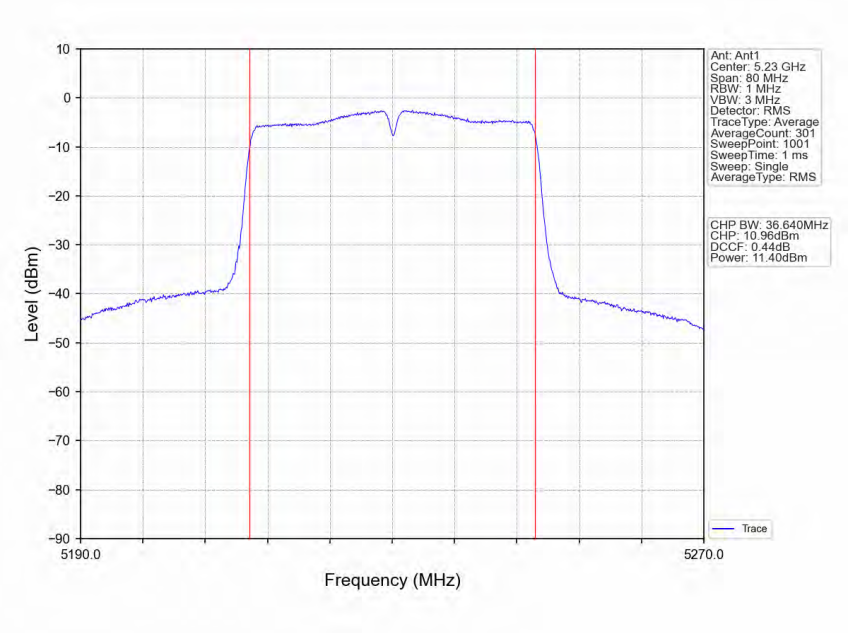
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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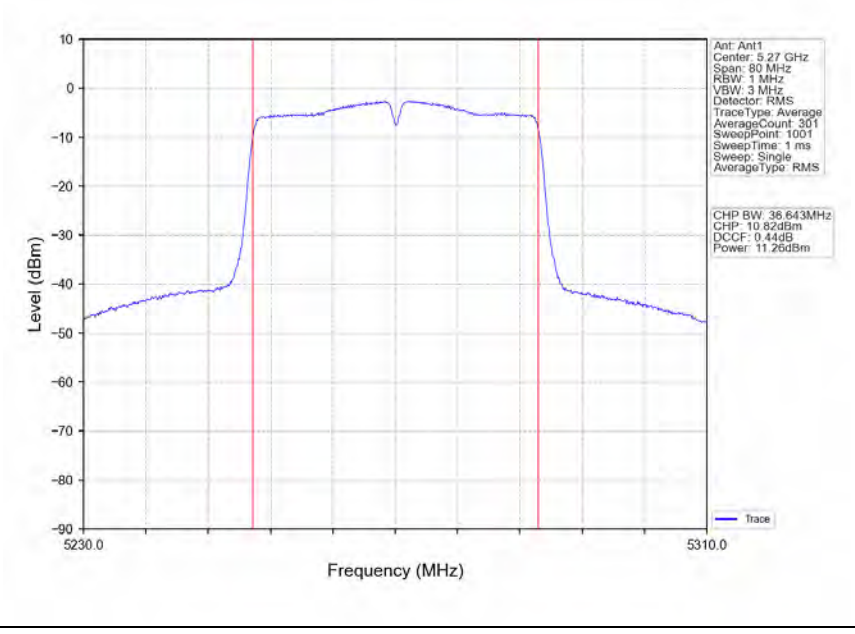

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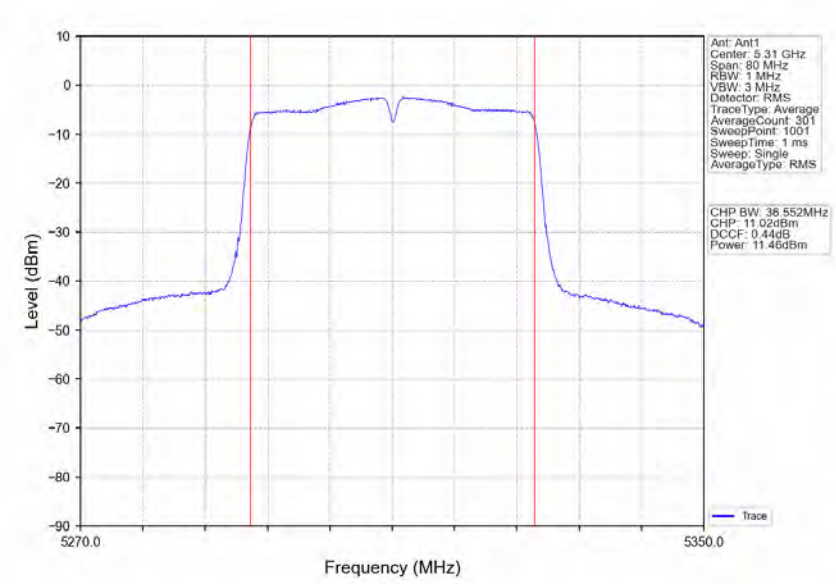
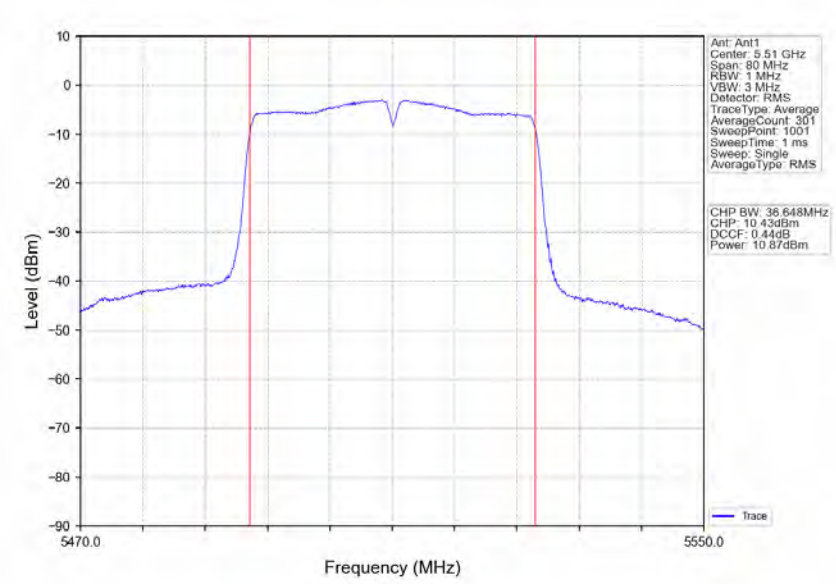
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



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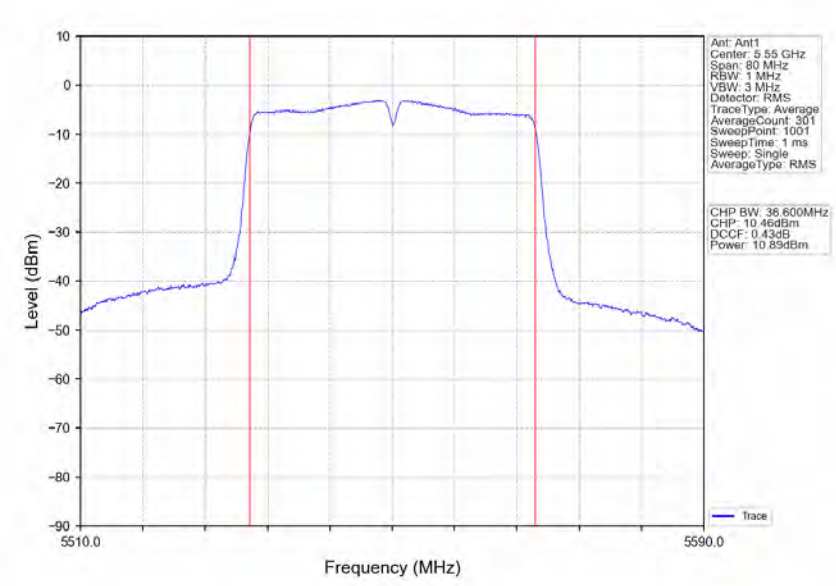
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



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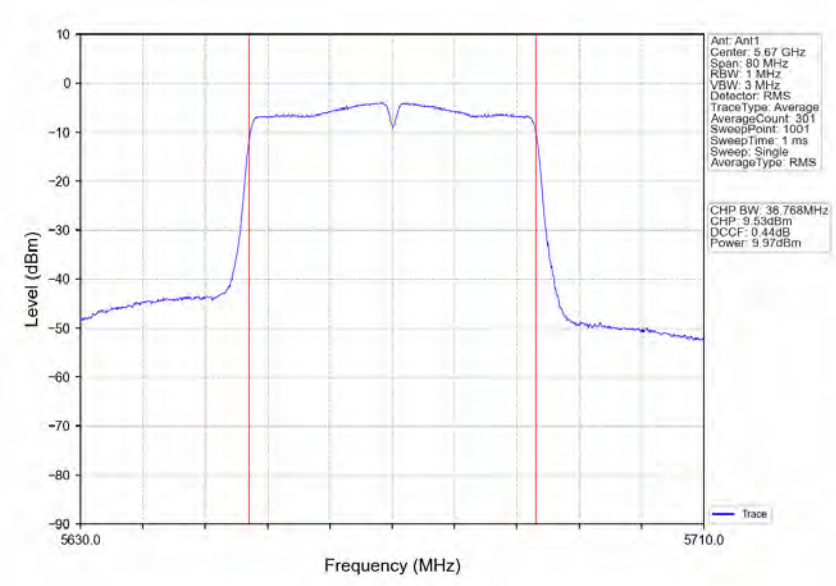

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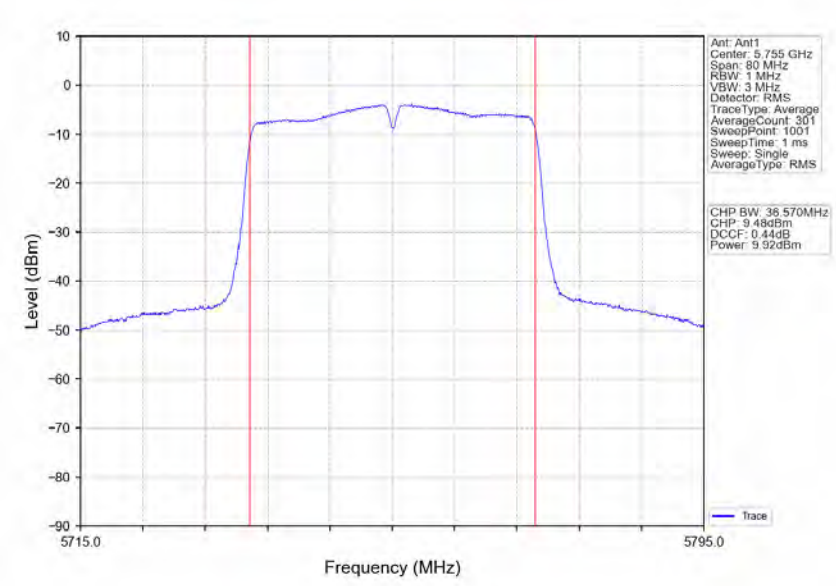
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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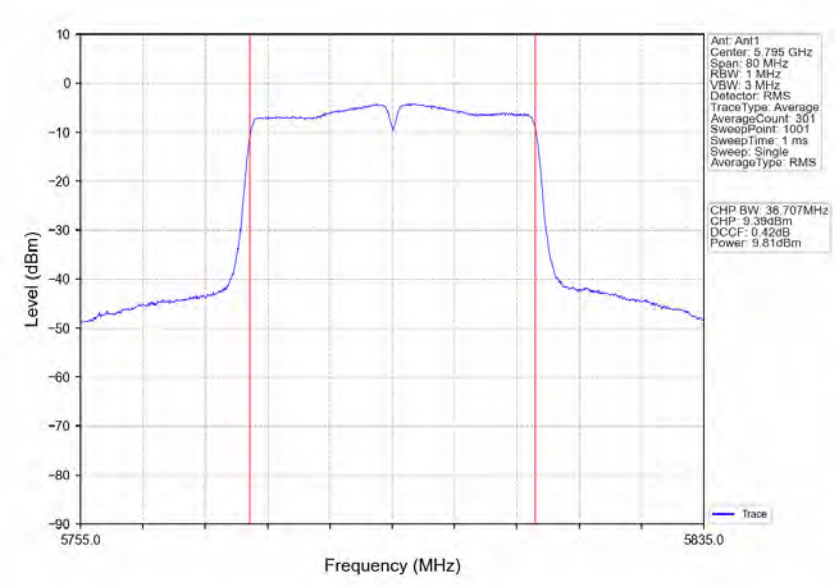

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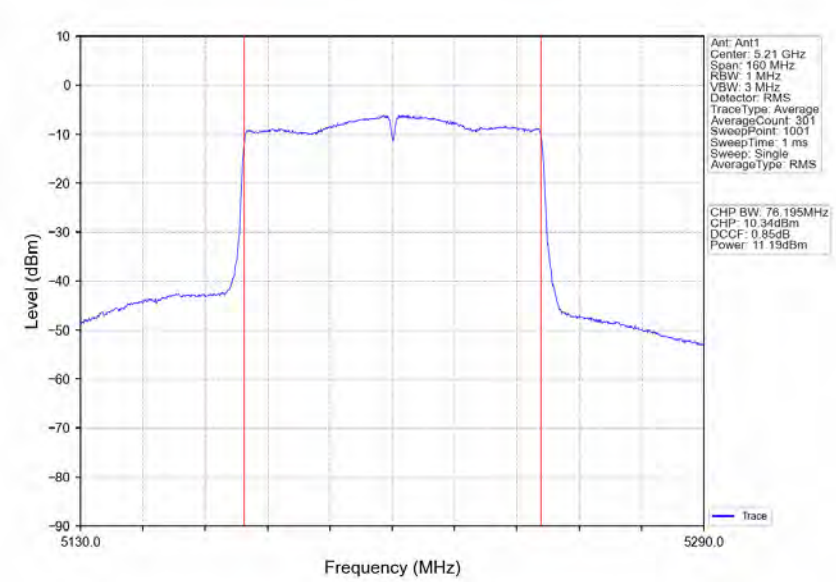
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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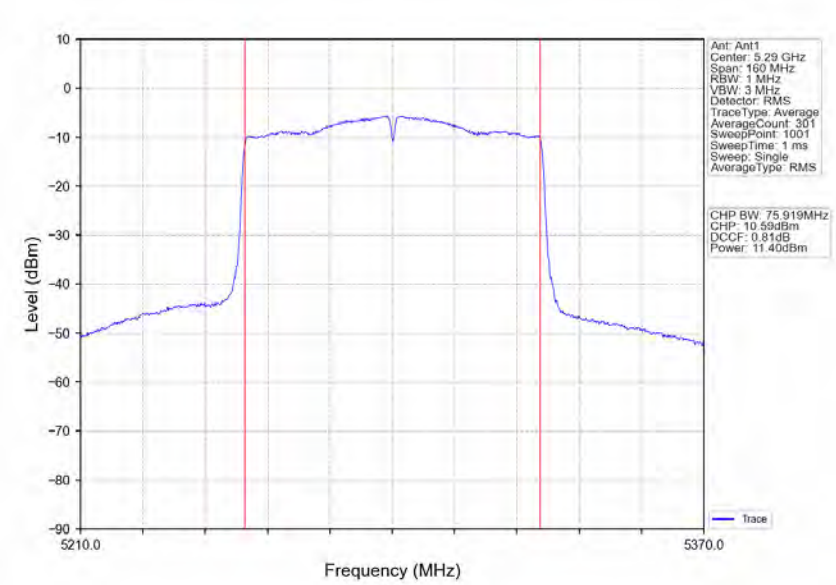

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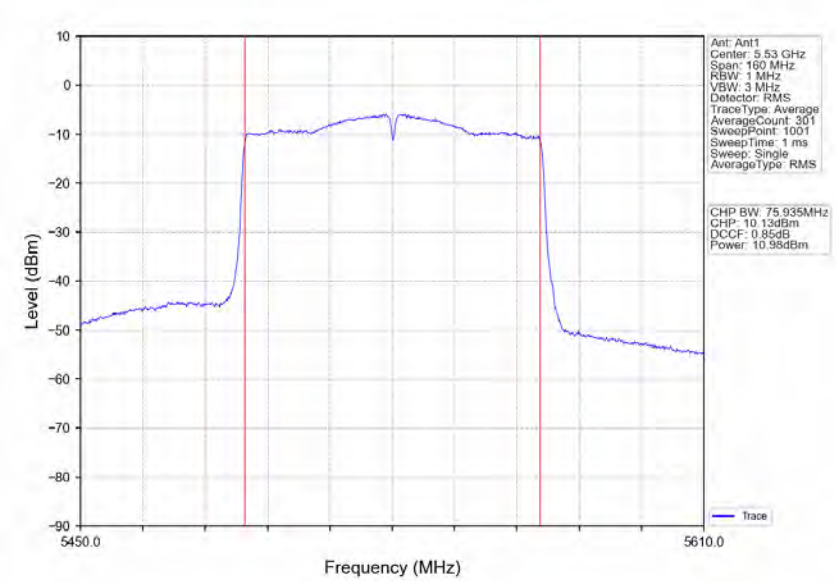
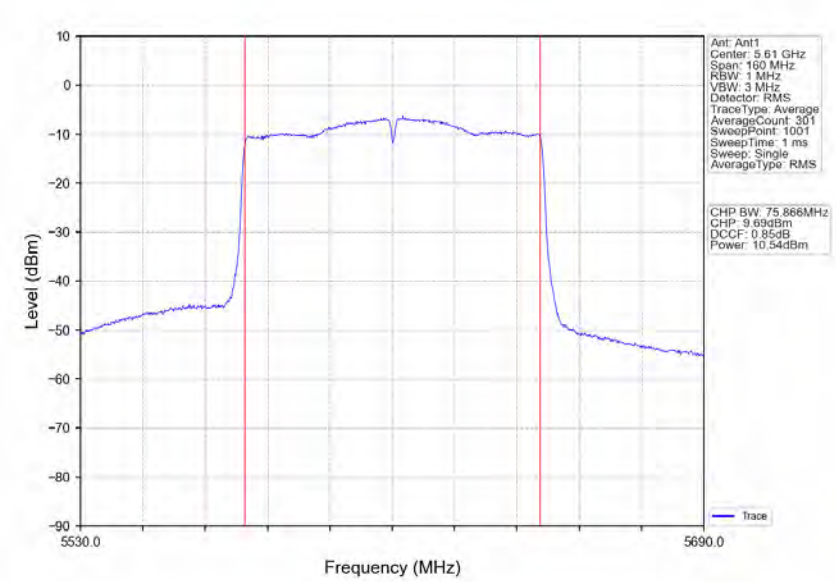
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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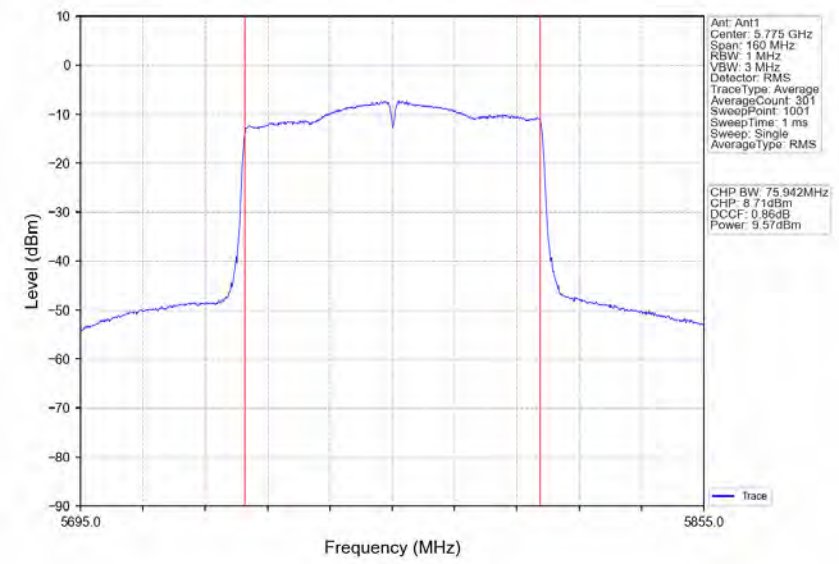
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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4. Maximum Power Spectral Density

4.1 PSD For FCC

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	0.29	<=11	Pass
		5200	0.39	<=11	Pass
		5240	1.13	<=11	Pass
		5260	0.80	<=11	Pass
		5300	0.86	<=11	Pass
		5320	1.10	<=11	Pass
		5500	0.44	<=11	Pass
		5580	-0.15	<=11	Pass
		5700	-0.58	<=11	Pass
802.11n (HT20)	SISO	5180	-0.54	<=11	Pass
		5200	-0.28	<=11	Pass
		5240	0.44	<=11	Pass
		5260	0.08	<=11	Pass
		5300	0.36	<=11	Pass
		5320	0.37	<=11	Pass
		5500	-0.27	<=11	Pass
		5580	-1.02	<=11	Pass
		5700	-1.20	<=11	Pass
802.11n (HT40)	SISO	5190	-2.64	<=11	Pass
		5230	-2.19	<=11	Pass
		5270	-2.02	<=11	Pass
		5310	-1.78	<=11	Pass
		5510	-2.37	<=11	Pass
		5550	-2.56	<=11	Pass
		5670	-3.74	<=11	Pass
802.11ac (VHT20)	SISO	5180	-0.63	<=11	Pass
		5200	-0.19	<=11	Pass
		5240	0.24	<=11	Pass
		5260	0.02	<=11	Pass
		5300	0.37	<=11	Pass
		5320	0.44	<=11	Pass

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		5500	-0.34	<=11	Pass
		5580	-1.00	<=11	Pass
		5700	-1.15	<=11	Pass
802.11ac (VHT40)	SISO	5190	-2.53	<=11	Pass
		5230	-2.21	<=11	Pass
		5270	-1.96	<=11	Pass
		5310	-1.67	<=11	Pass
		5510	-2.34	<=11	Pass
		5550	-2.66	<=11	Pass
		5670	-3.60	<=11	Pass
802.11ac (VHT80)	SISO	5210	-5.28	<=11	Pass
		5290	-4.98	<=11	Pass
		5530	-5.11	<=11	Pass
		5610	-5.70	<=11	Pass
Note1: Antenna Gain: Band1: 0.05dBi; Band2: 0.35dBi; Band3: 1.79dBi; Band4: 1.3dBi;					

4.1.2 E.I.R.PSD For IC

4.1.3 Test Result

Mode	TX Type	Frequency (MHz)	Maximum E.I.R.PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	0.34	<=10	Pass
		5200	0.44	<=10	Pass
		5240	1.18	<=10	Pass
802.11n (HT20)	SISO	5180	-0.49	<=10	Pass
		5200	-0.23	<=10	Pass
		5240	0.49	<=10	Pass
802.11n (HT40)	SISO	5190	-2.59	<=10	Pass
		5230	-2.14	<=10	Pass
802.11ac (VHT20)	SISO	5180	-0.58	<=10	Pass
		5200	-0.14	<=10	Pass
		5240	0.29	<=10	Pass
802.11ac (VHT40)	SISO	5190	-2.48	<=10	Pass
		5230	-2.16	<=10	Pass
802.11ac (VHT80)	SISO	5210	-5.23	<=10	Pass
Note1: Antenna Gain: Band1: 0.05dBi; Band2: 0.35dBi; Band3: 1.79dBi; Band4: 1.3dBi; Note: E.I.R.PSD = Measured PSD + Antenna Gain					

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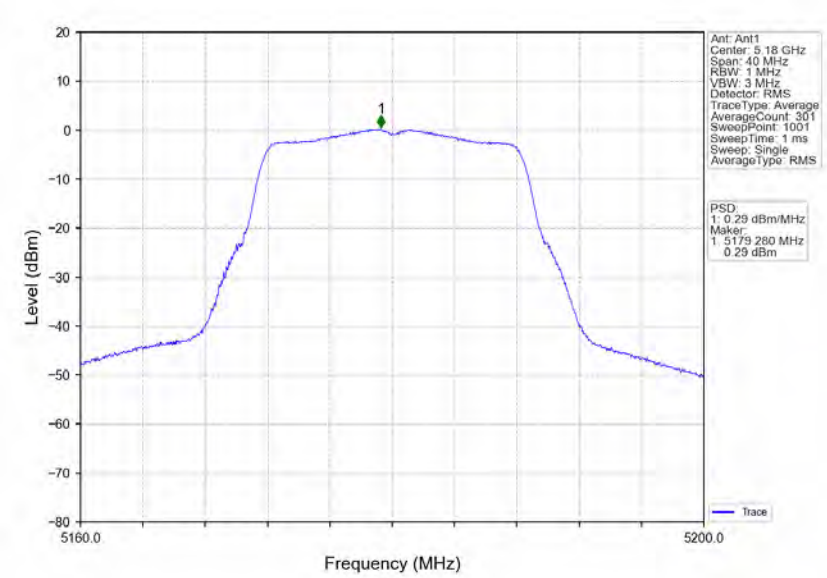
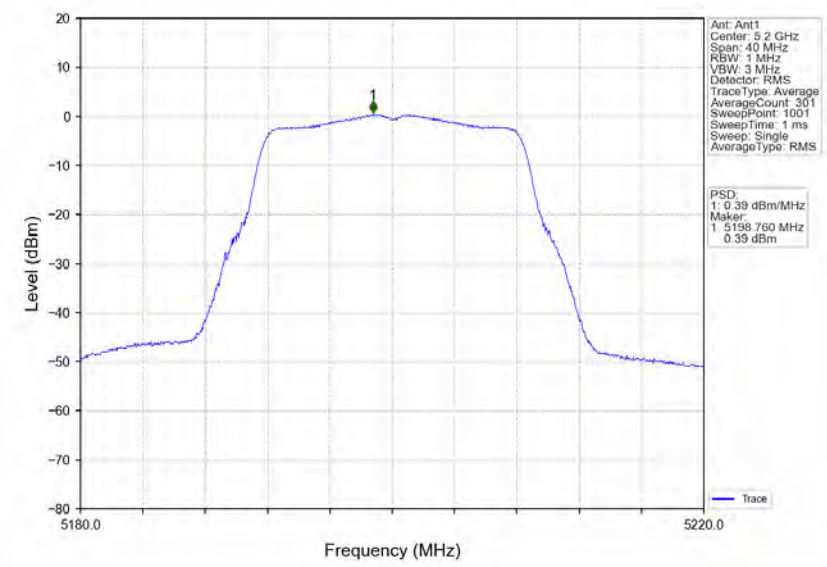
4.1.2 Test Graph

802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

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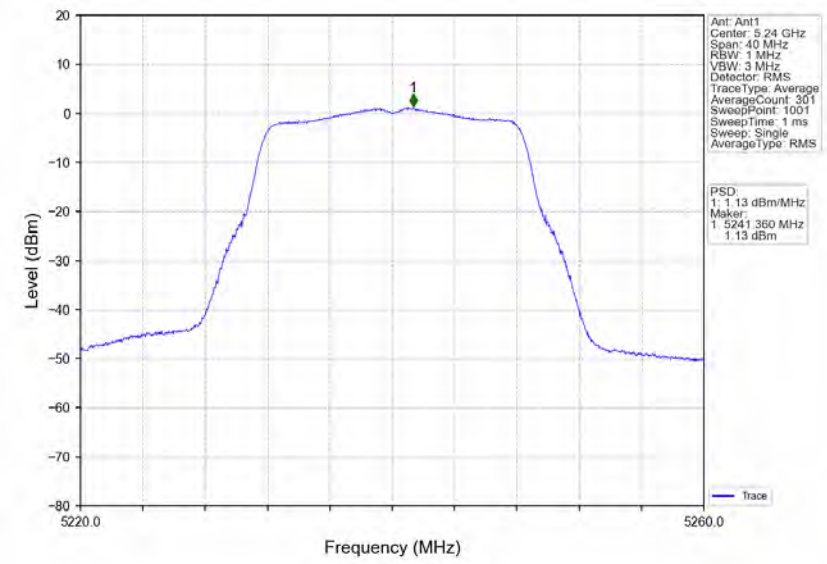
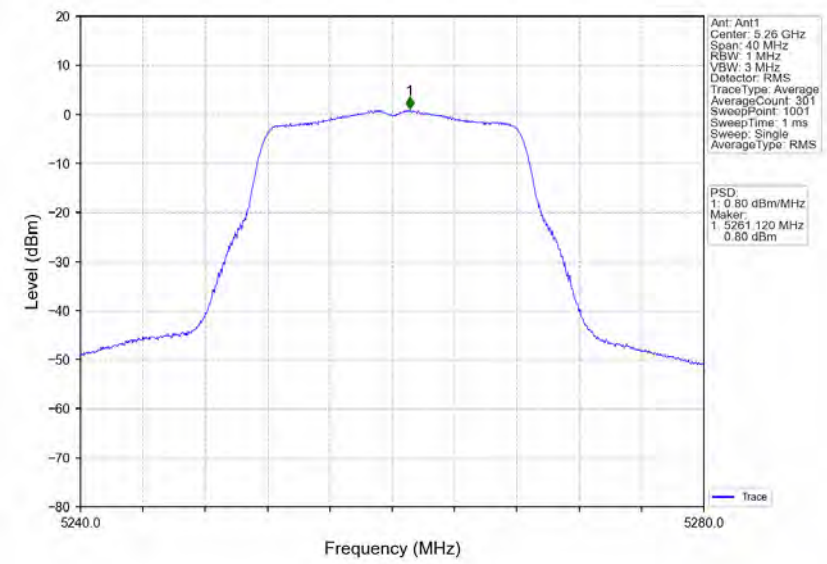


802.11a_LCH_5260MHz_Ant1_NTNV



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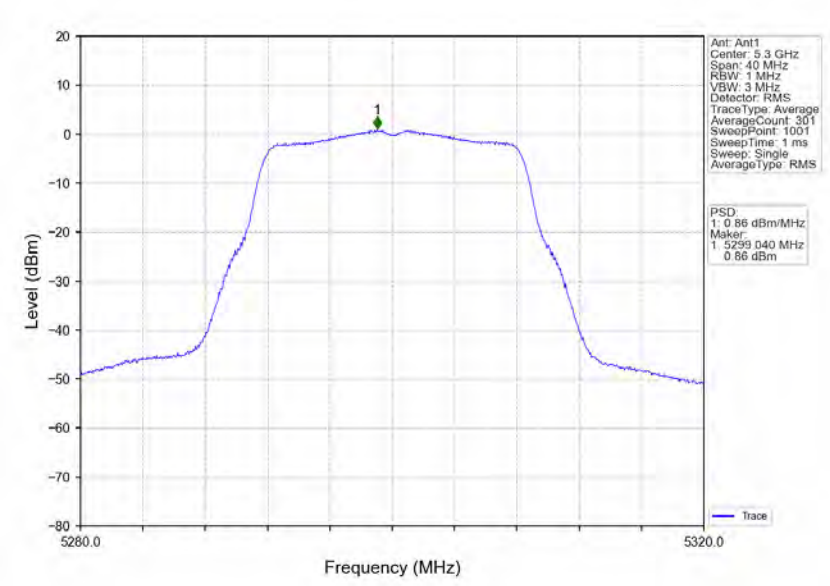
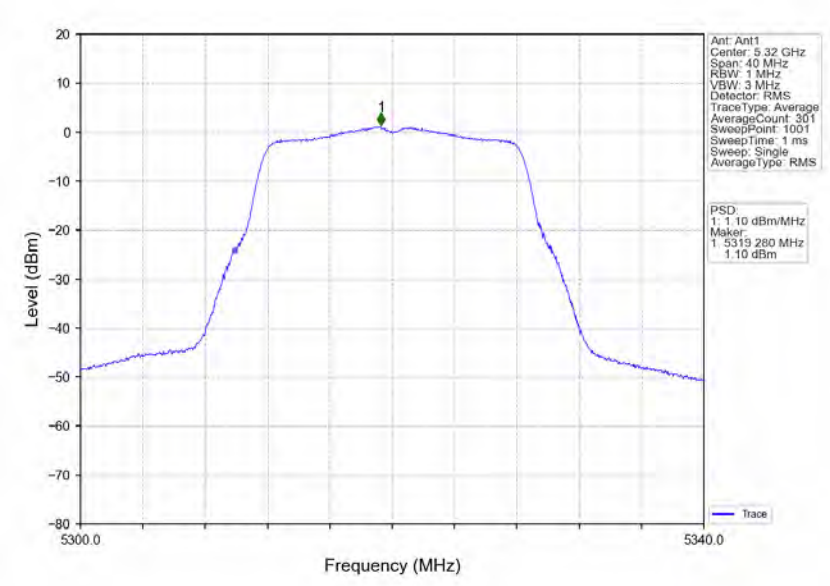
802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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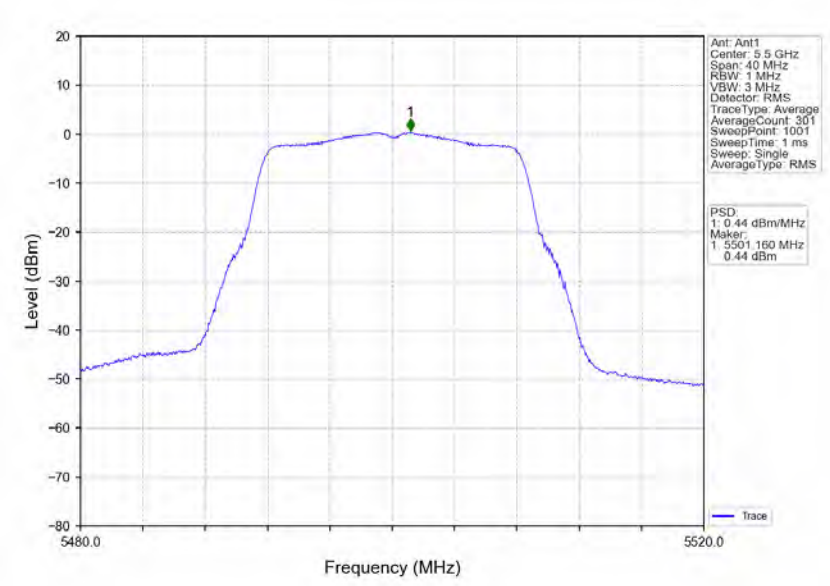
802.11a_LCH_5500MHz_Ant1_NTNV



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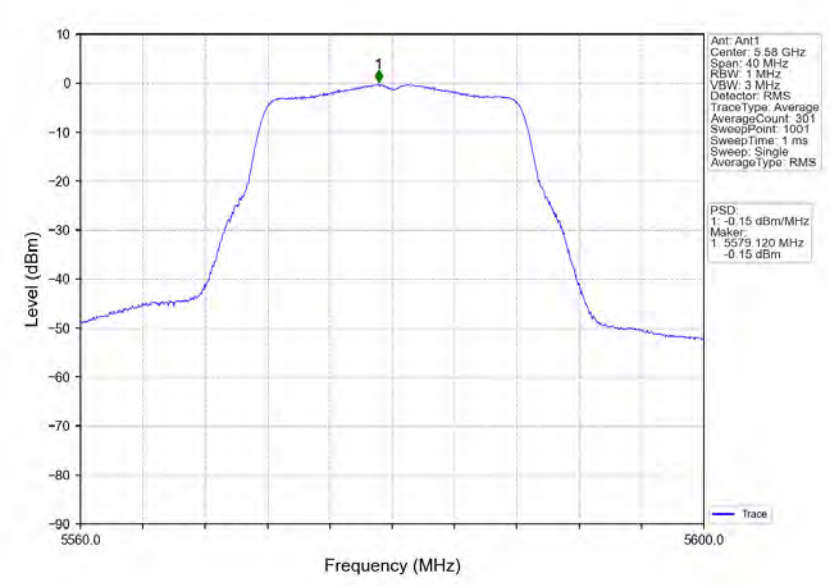

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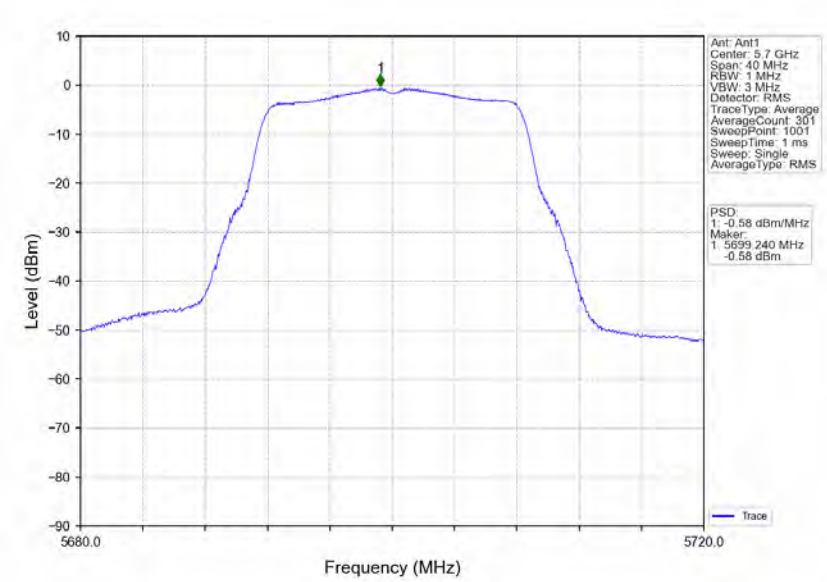
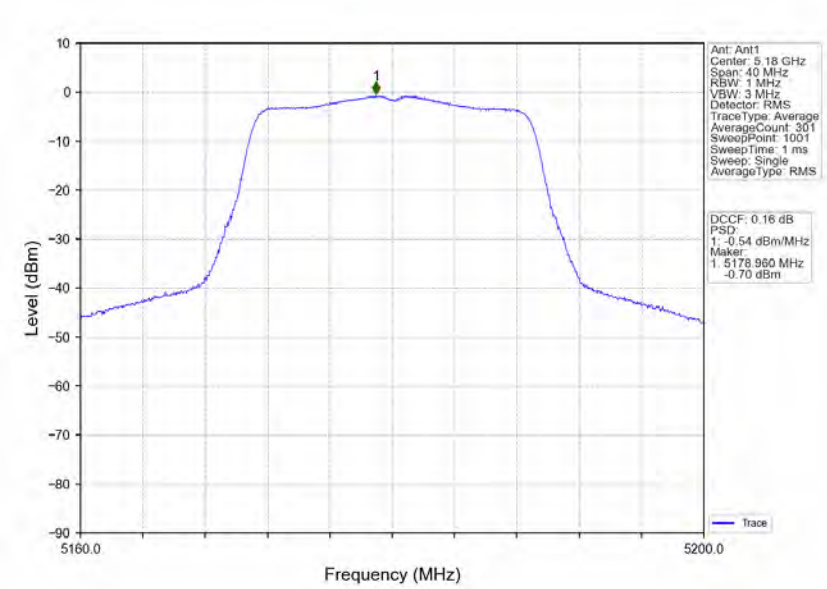
802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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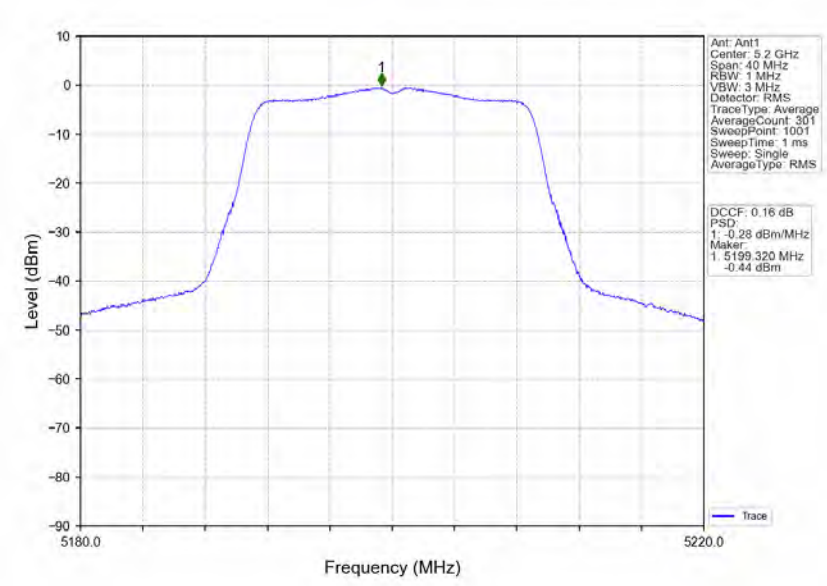
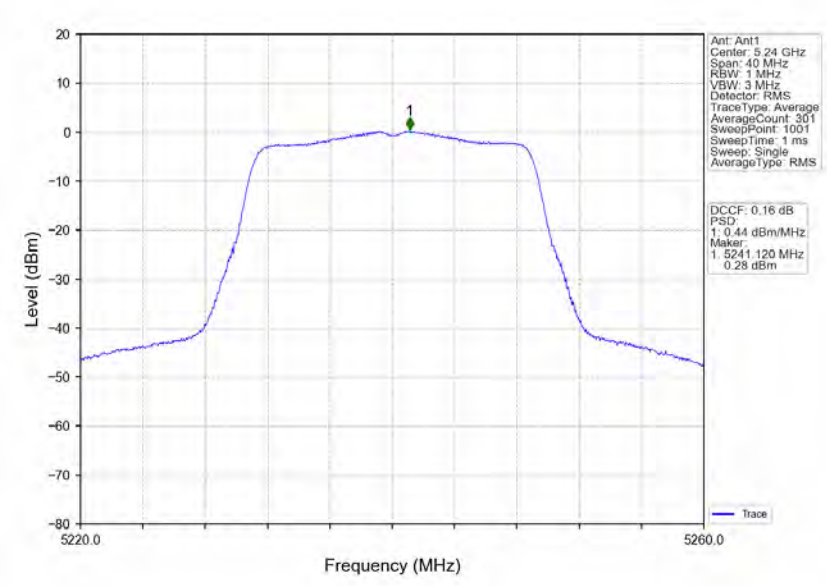
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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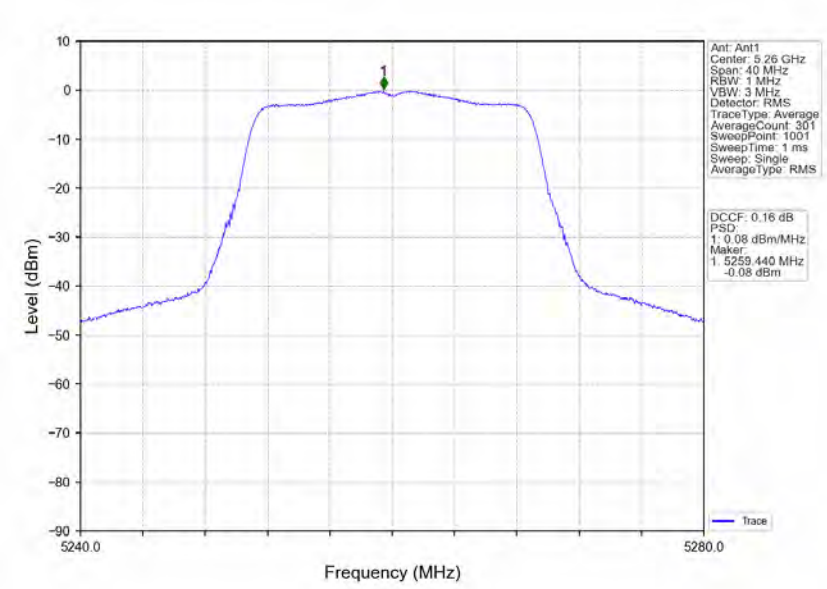
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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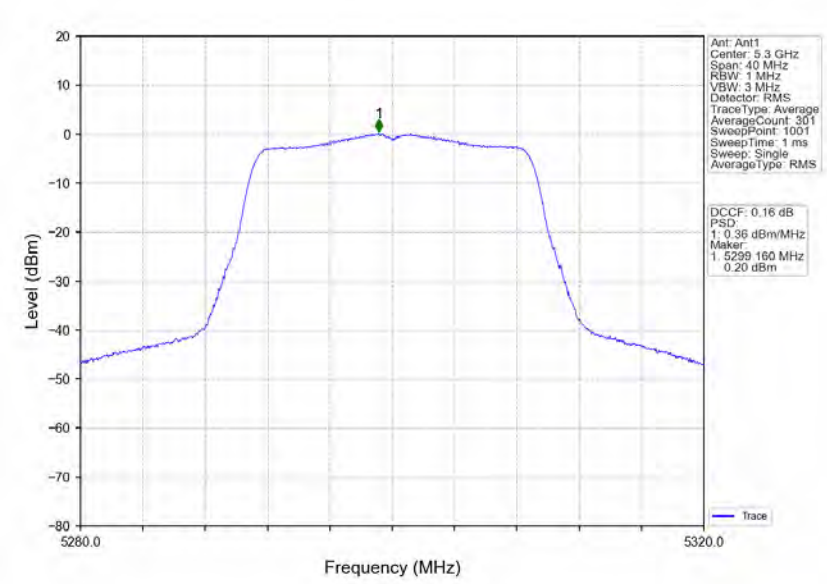

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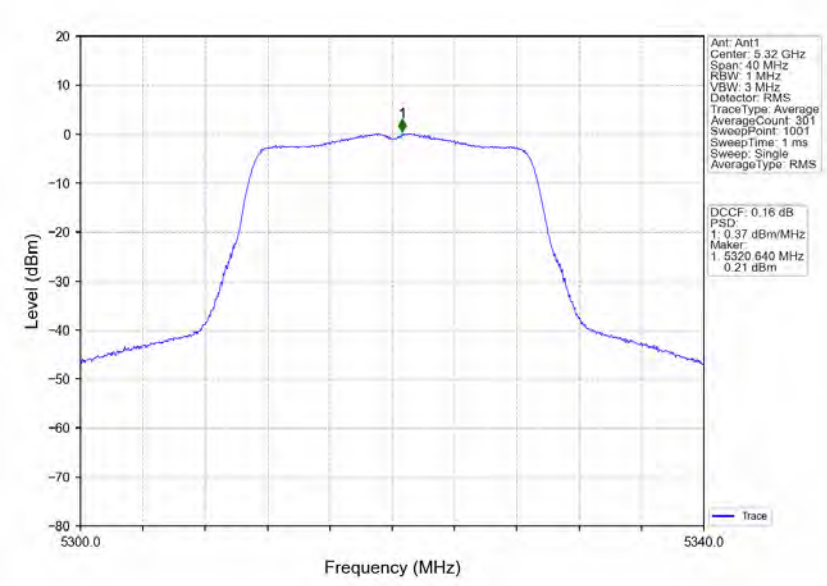
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



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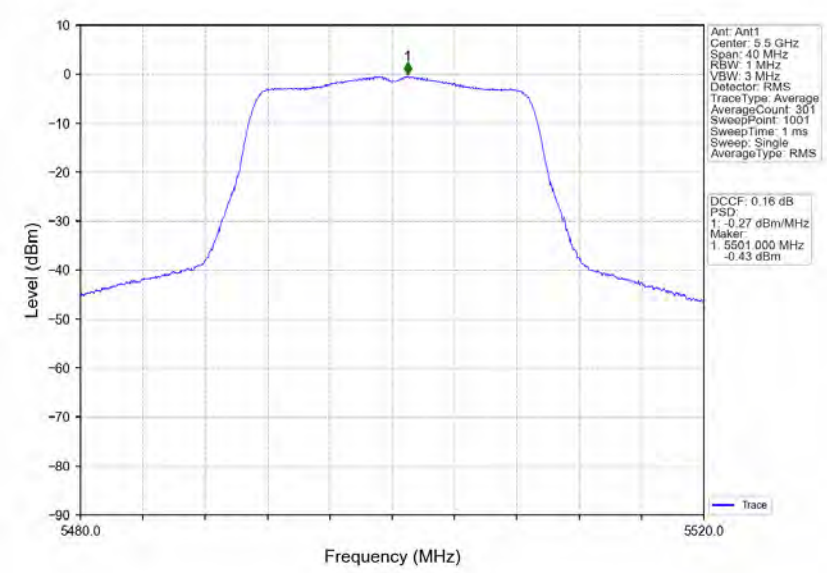

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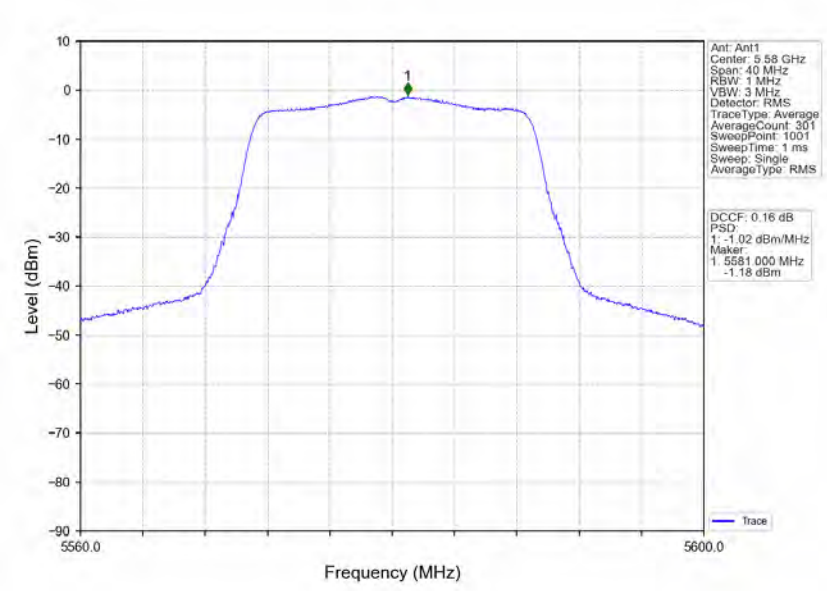
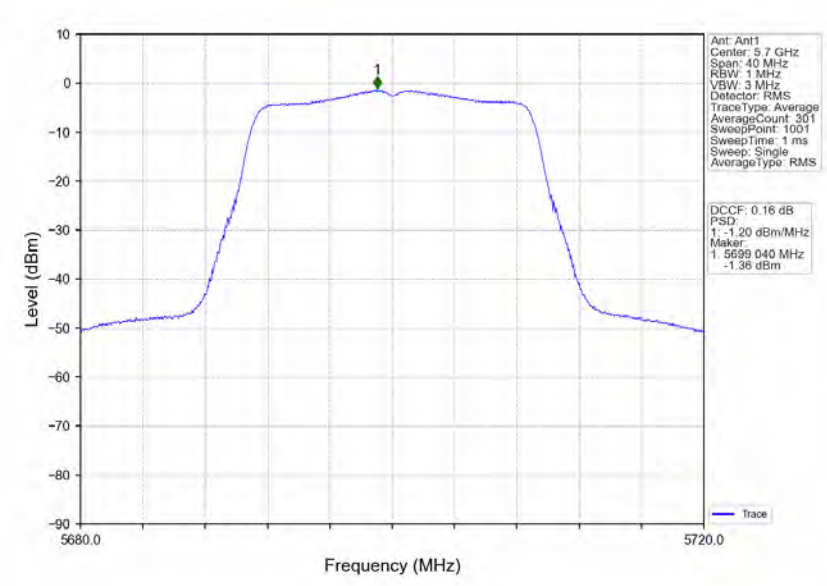
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



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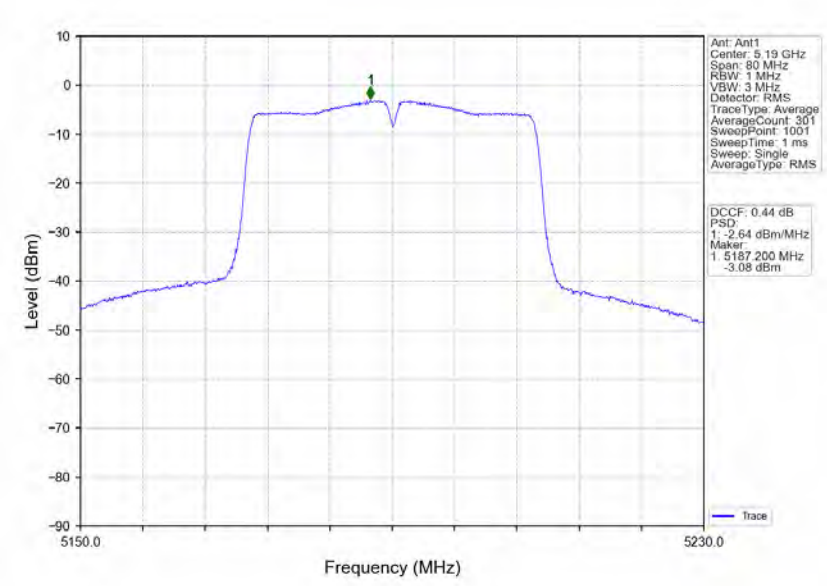
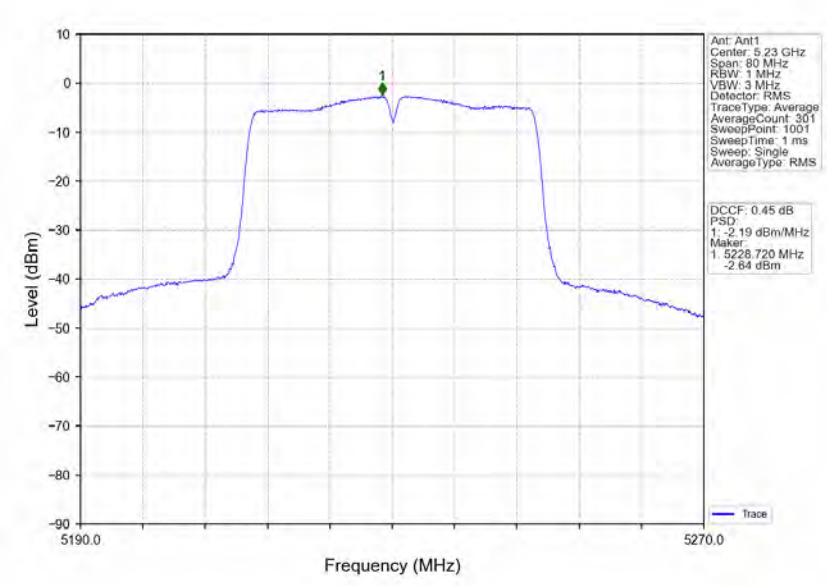
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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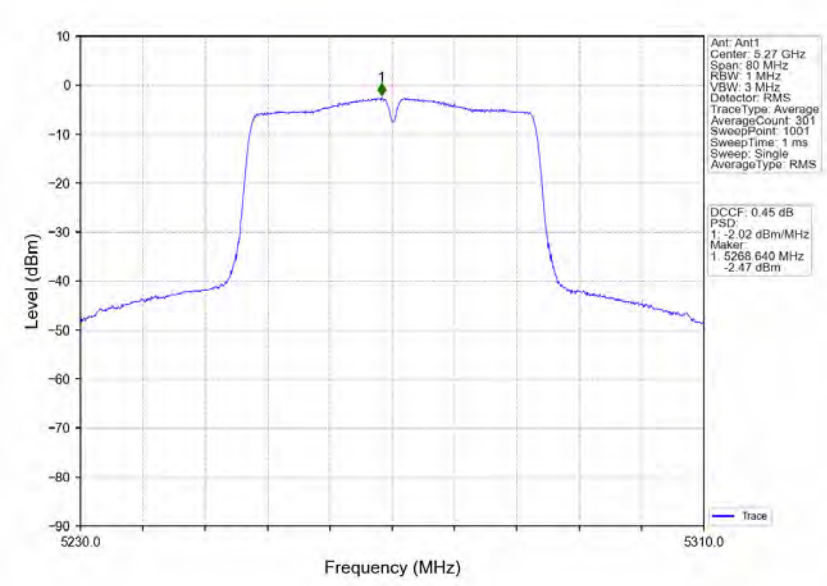
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



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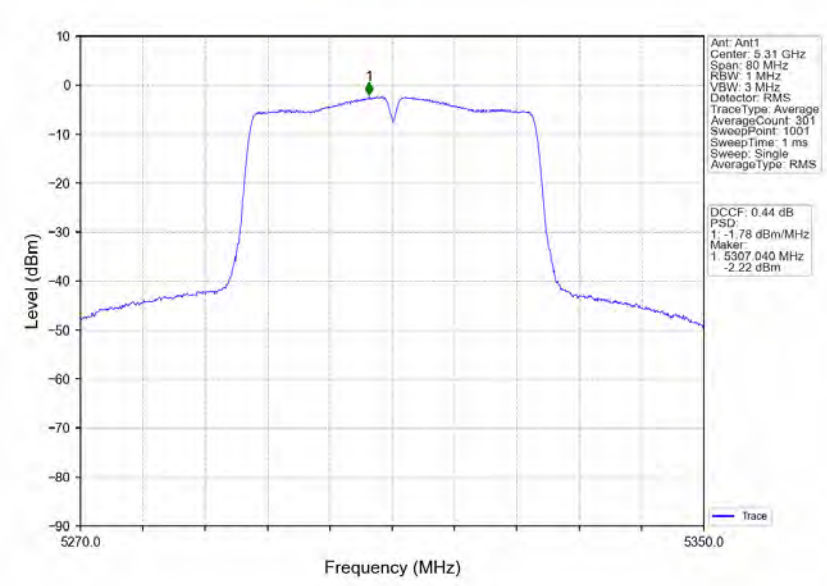

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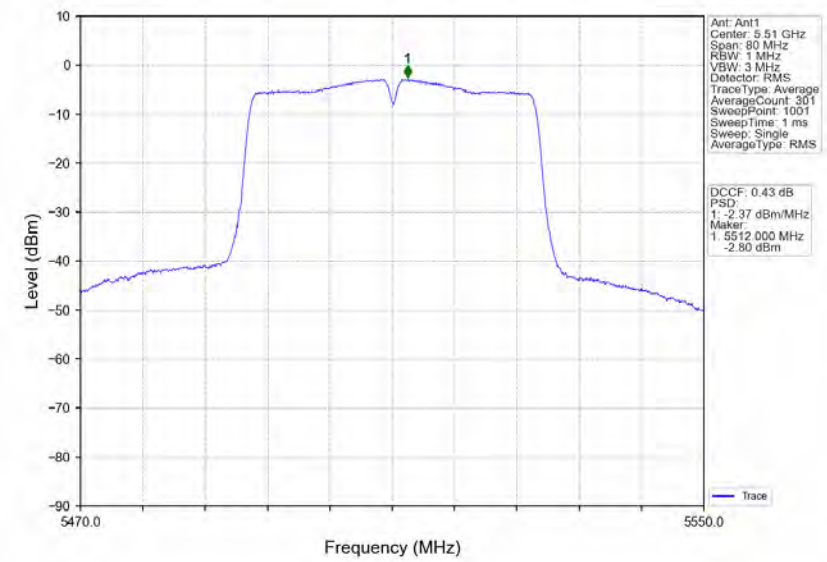
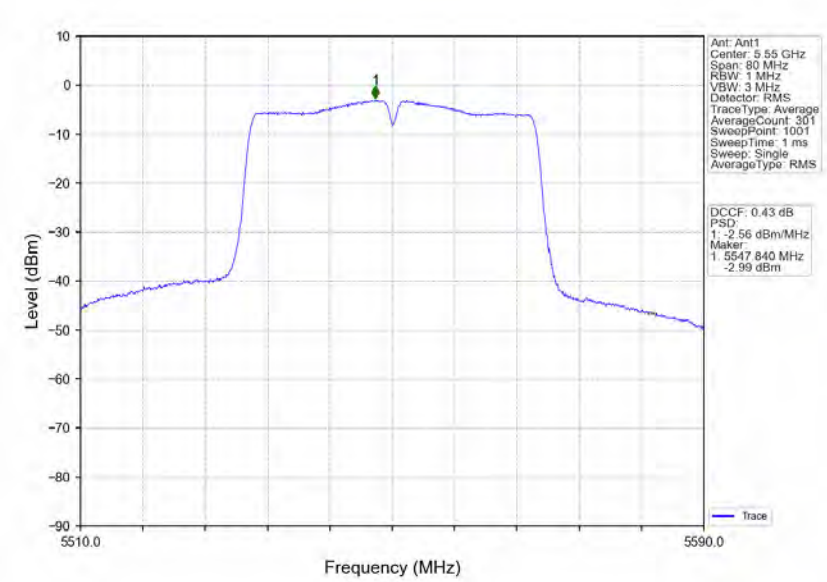
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



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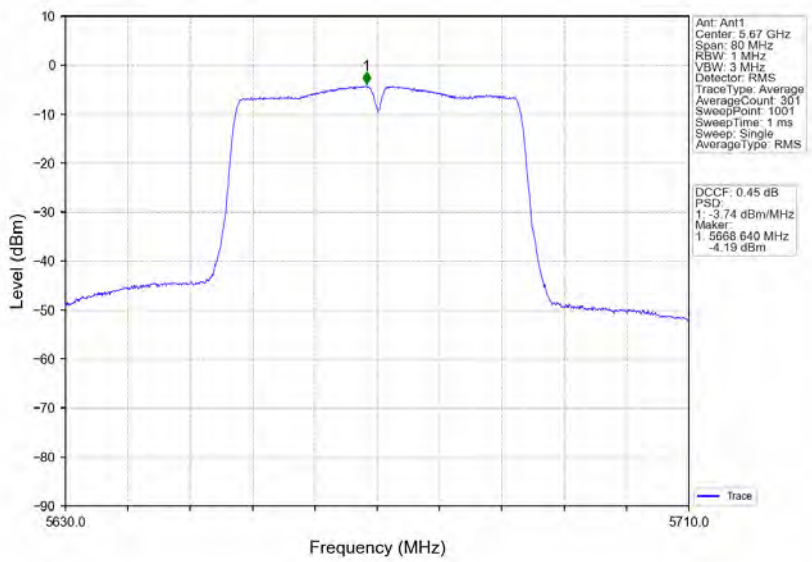
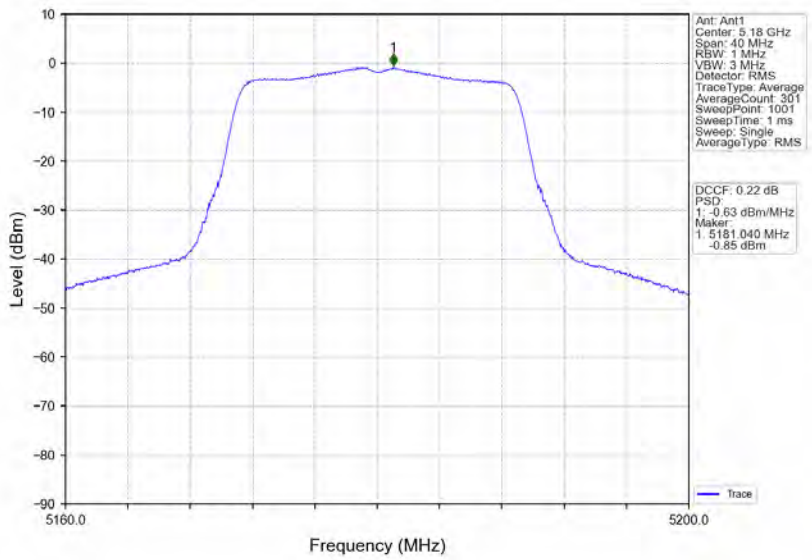
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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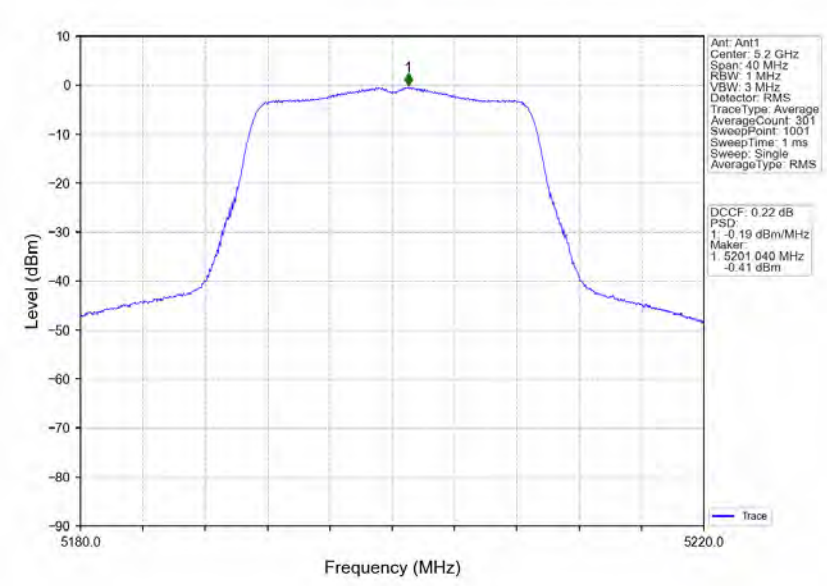
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



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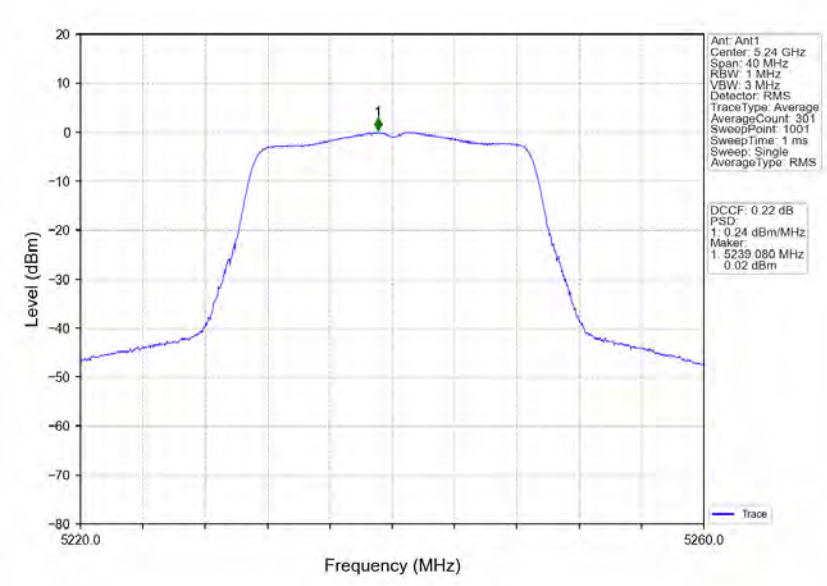

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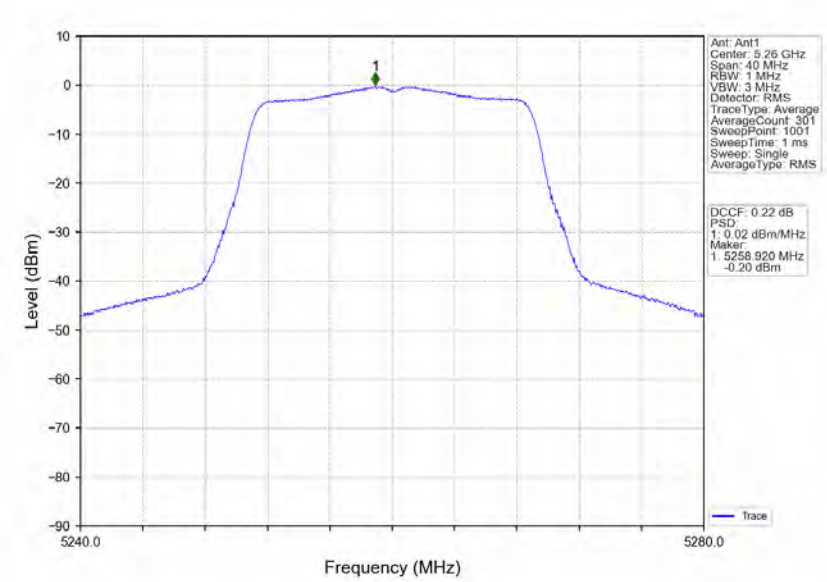
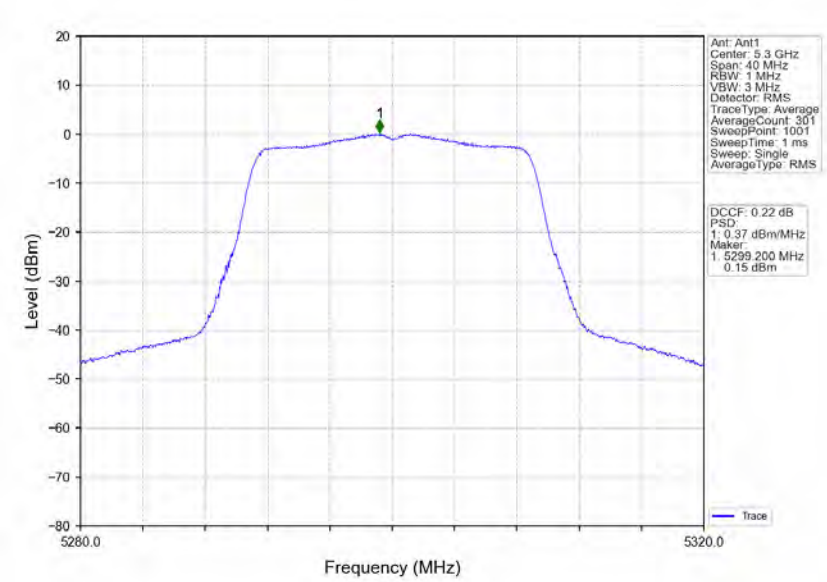
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



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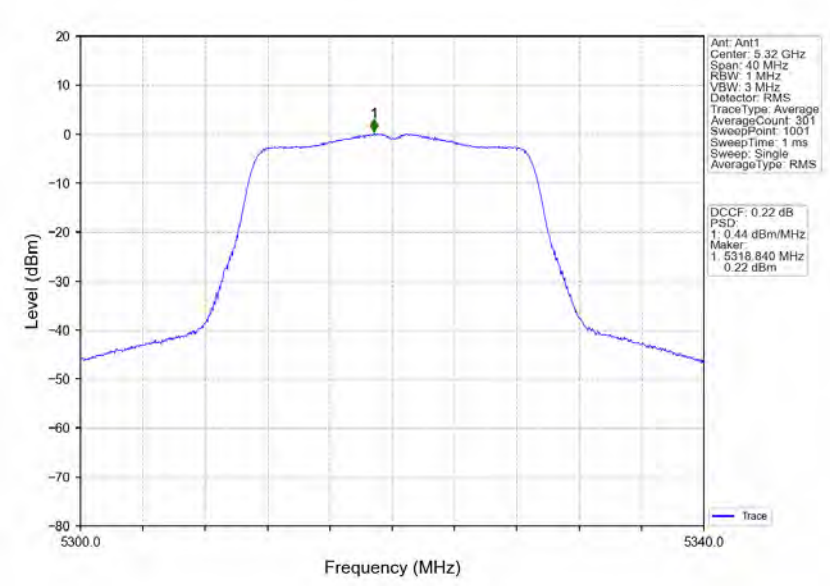
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



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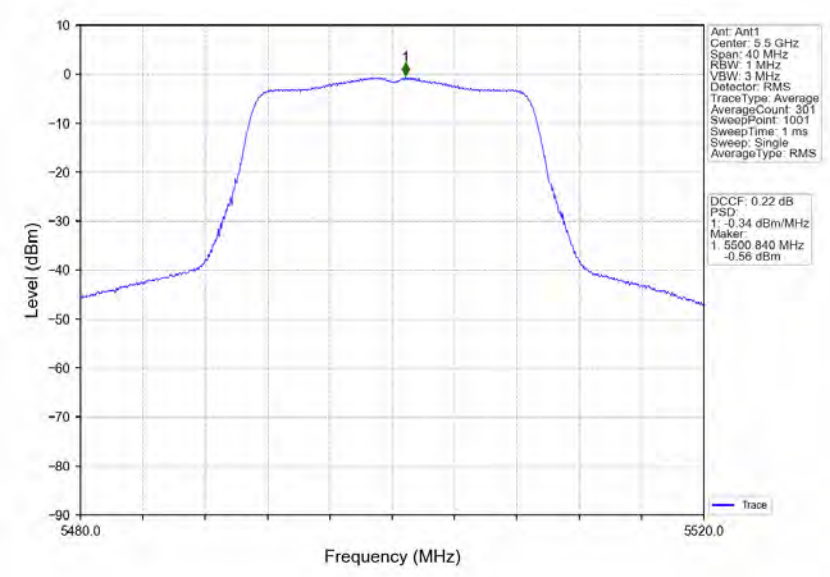

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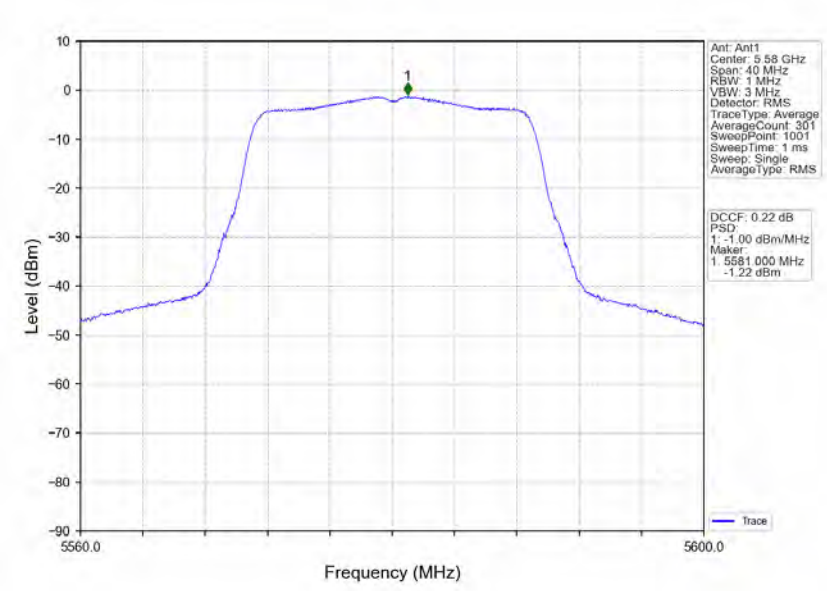
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



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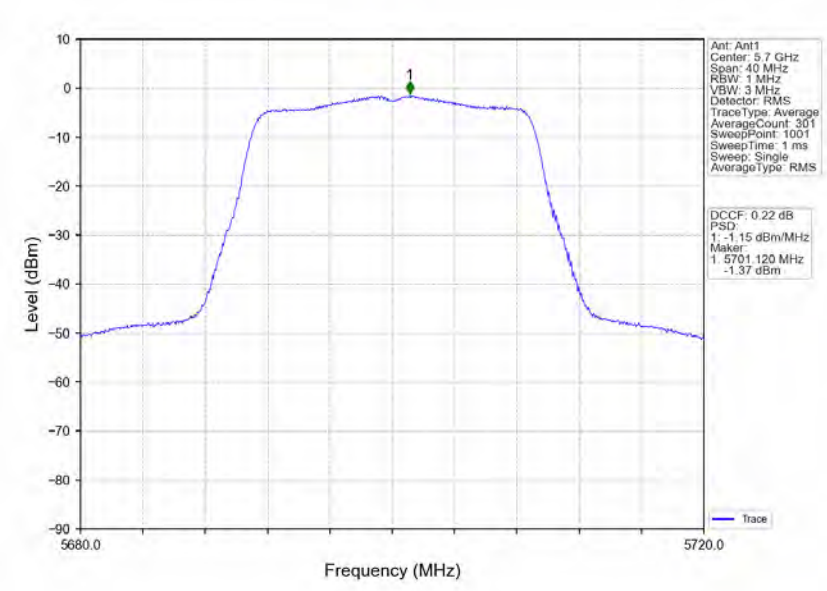

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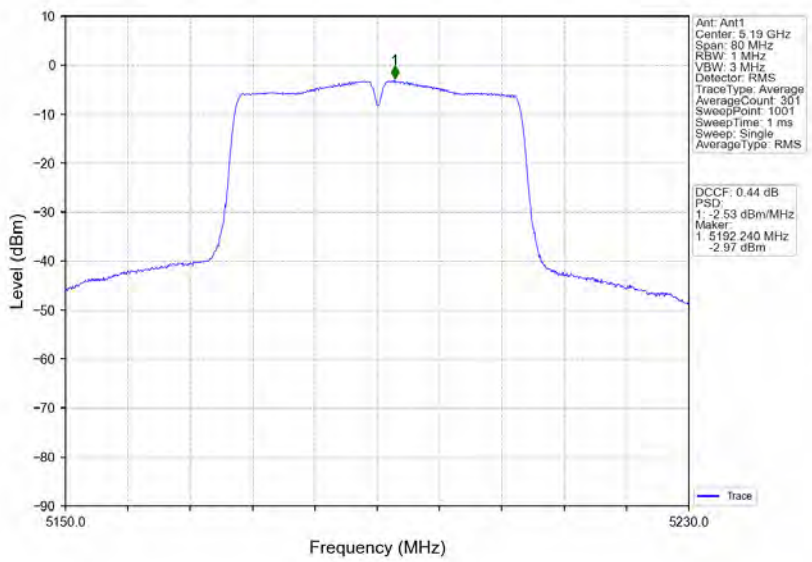
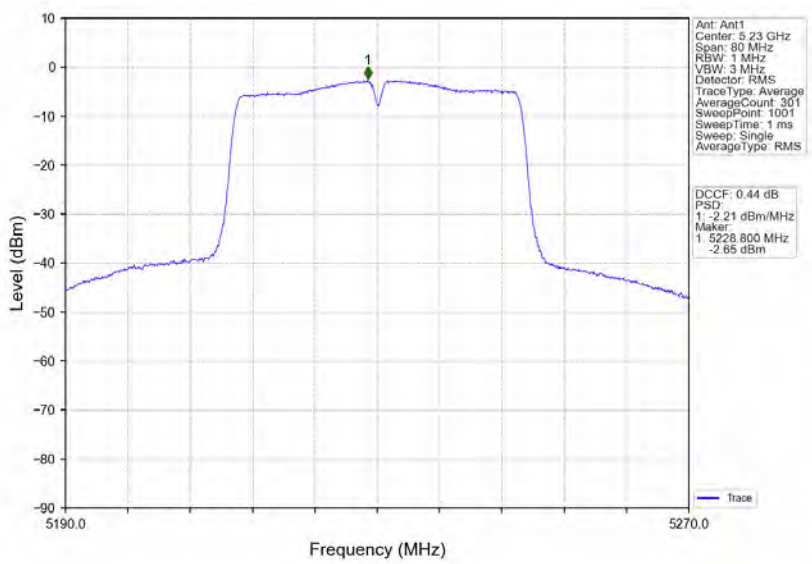
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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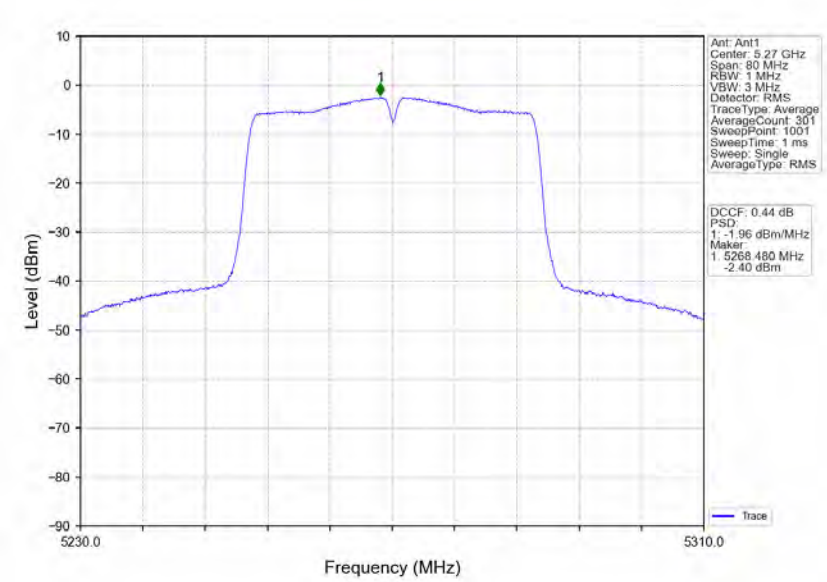
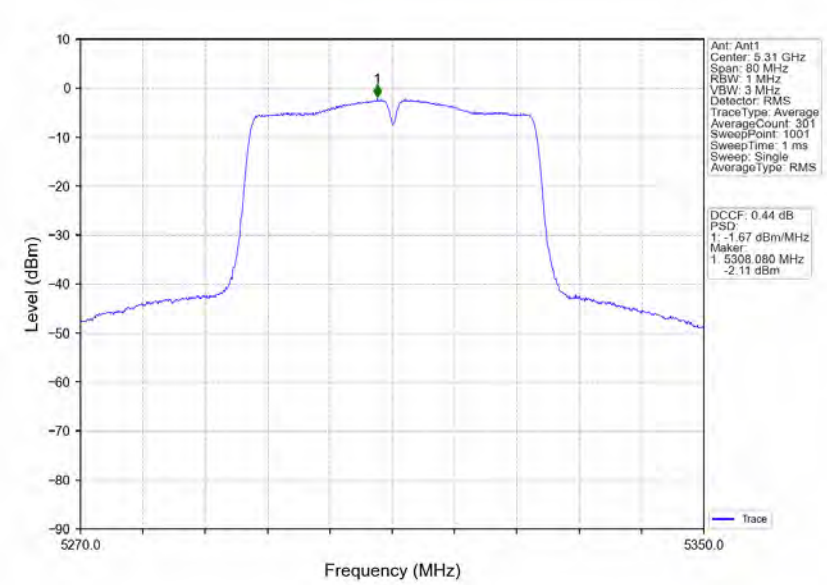
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



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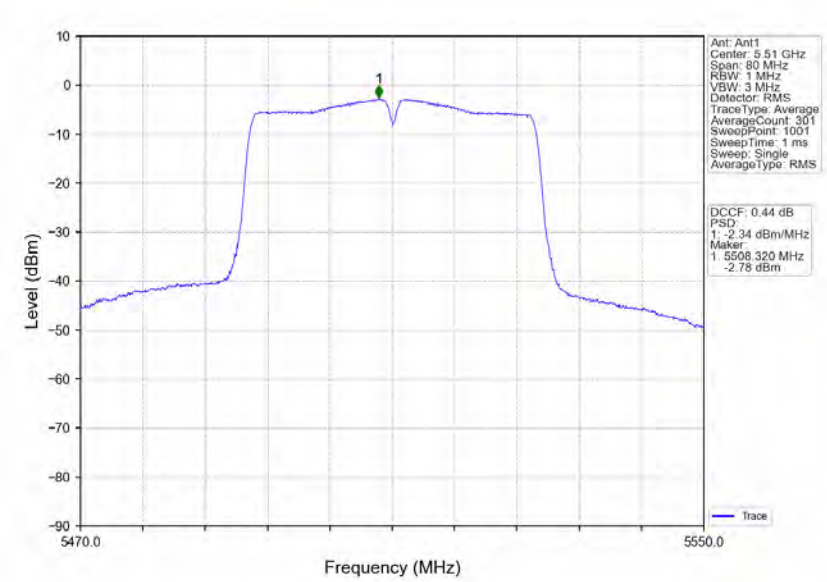
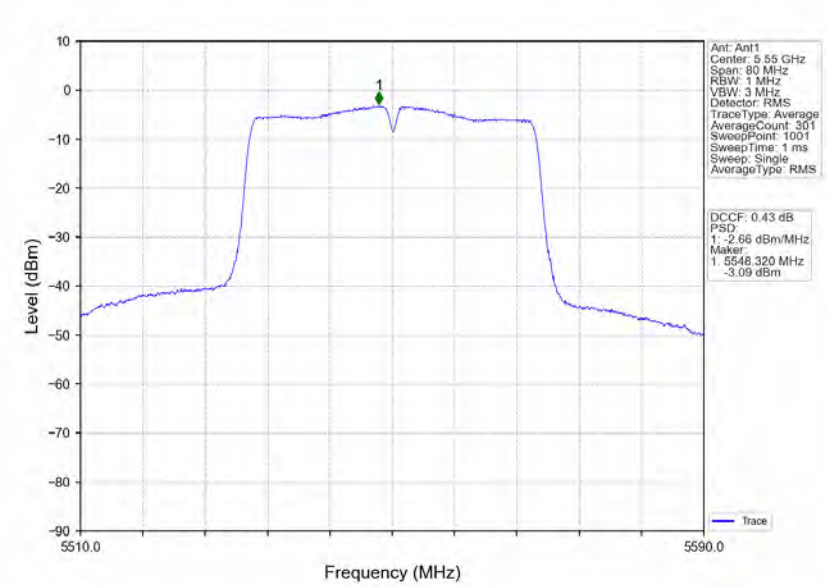
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



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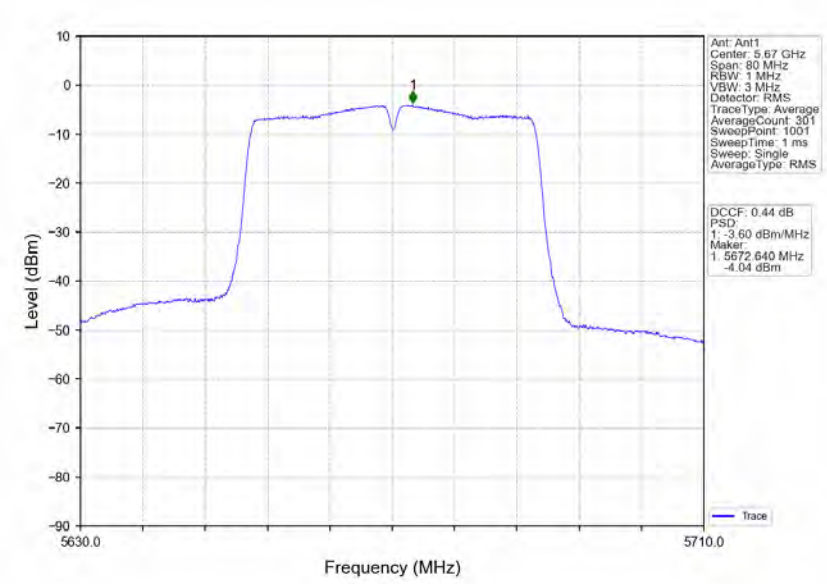
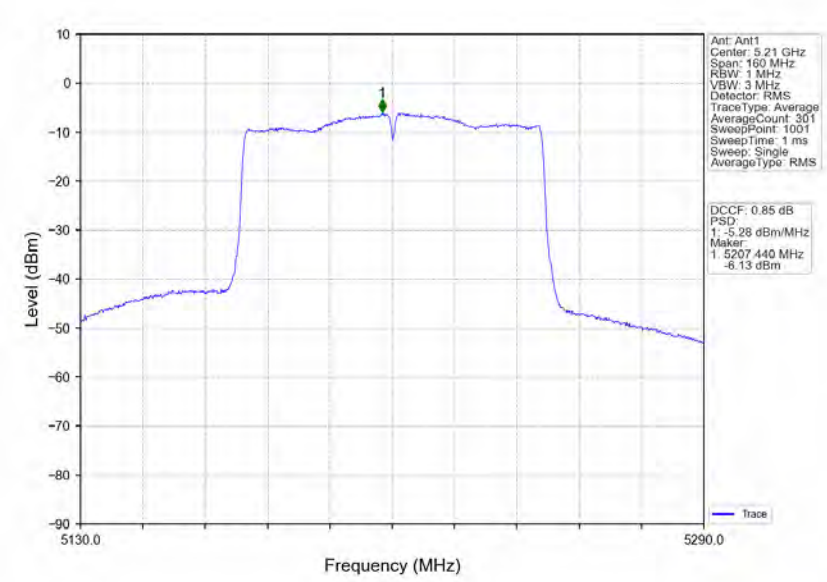
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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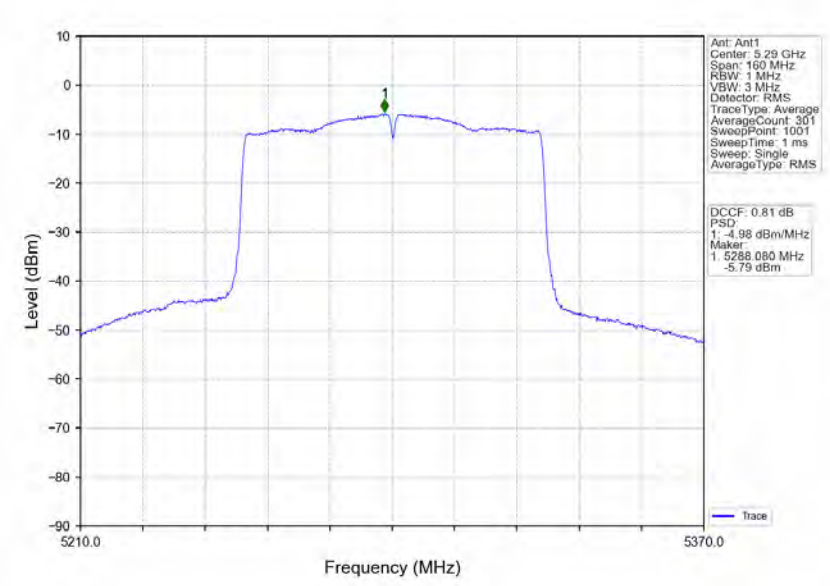
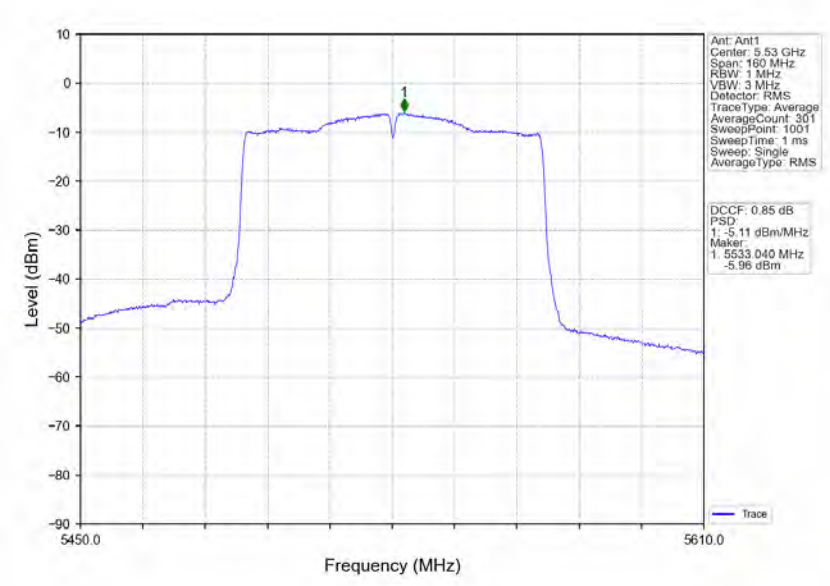
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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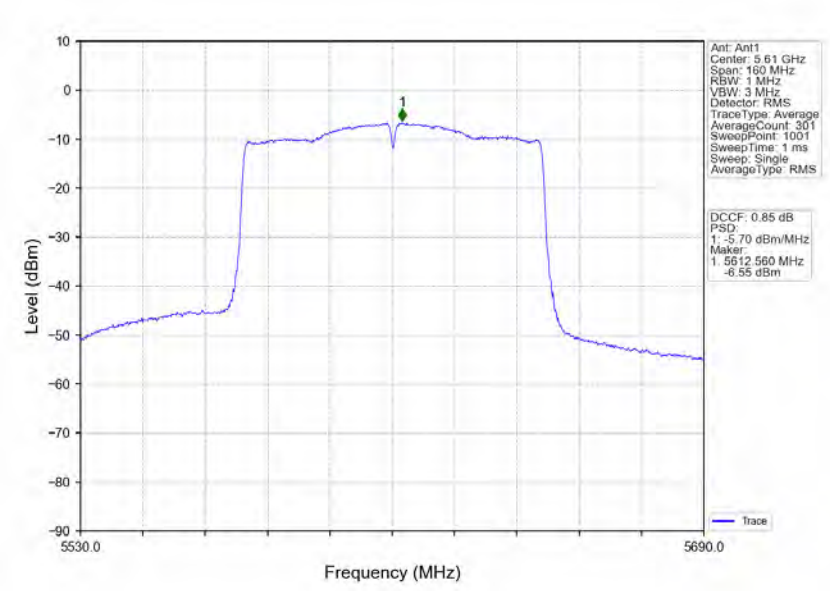
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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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	-3.45	<=30	Pass
		5785	-3.17	<=30	Pass
		5825	-3.17	<=30	Pass
802.11n (HT20)	SISO	5745	-4.15	<=30	Pass
		5785	-4.11	<=30	Pass
		5825	-3.90	<=30	Pass
802.11n (HT40)	SISO	5755	-6.12	<=30	Pass
		5795	-6.41	<=30	Pass
802.11ac (VHT20)	SISO	5745	-4.27	<=30	Pass
		5785	-3.73	<=30	Pass
		5825	-3.88	<=30	Pass
802.11ac (VHT40)	SISO	5755	-5.98	<=30	Pass
		5795	-6.54	<=30	Pass
802.11ac (VHT80)	SISO	5775	-9.76	<=30	Pass
Note1: Antenna Gain: Ant1: 1.30dBi;					

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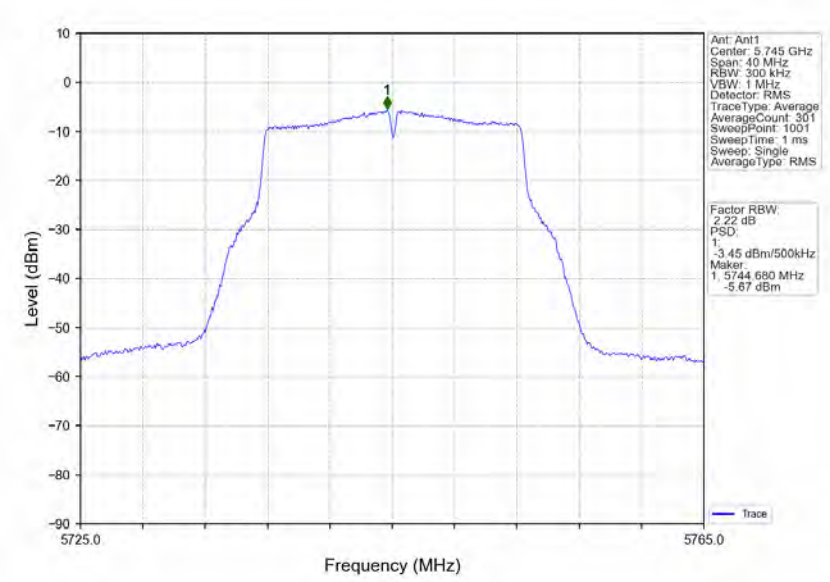
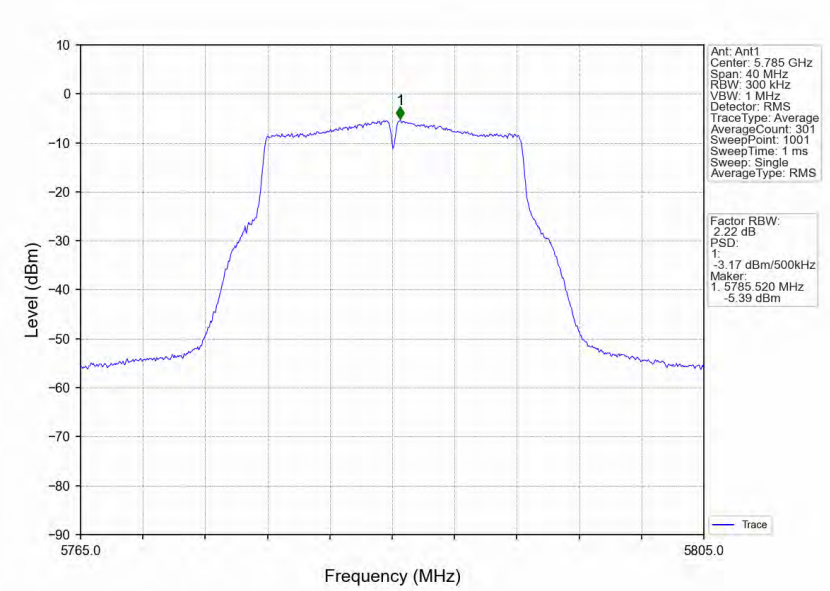
4.2.2 Test Graph

802.11a_LCH_5745MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant1_NTNV



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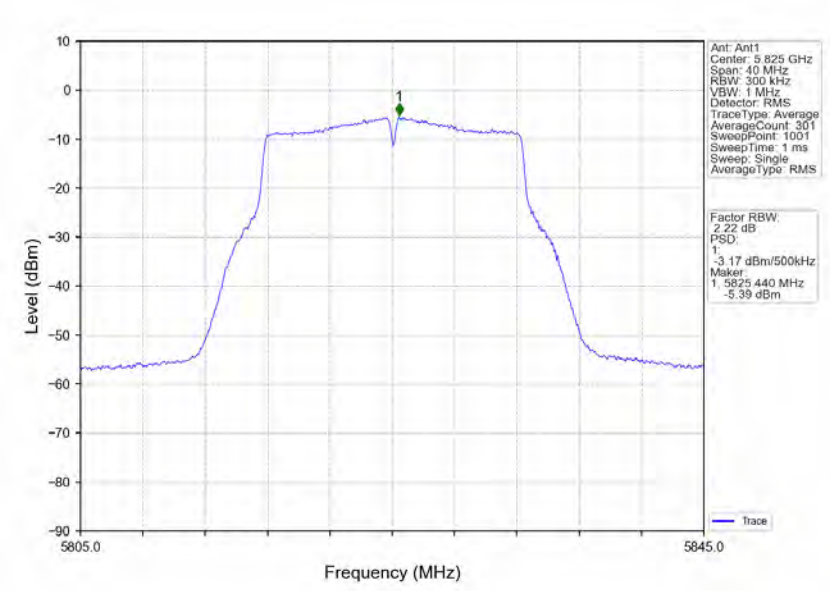
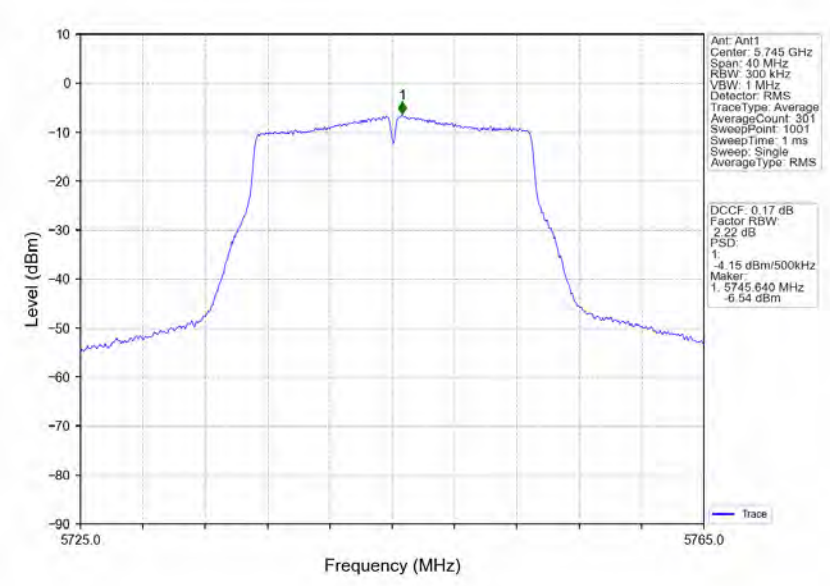
802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



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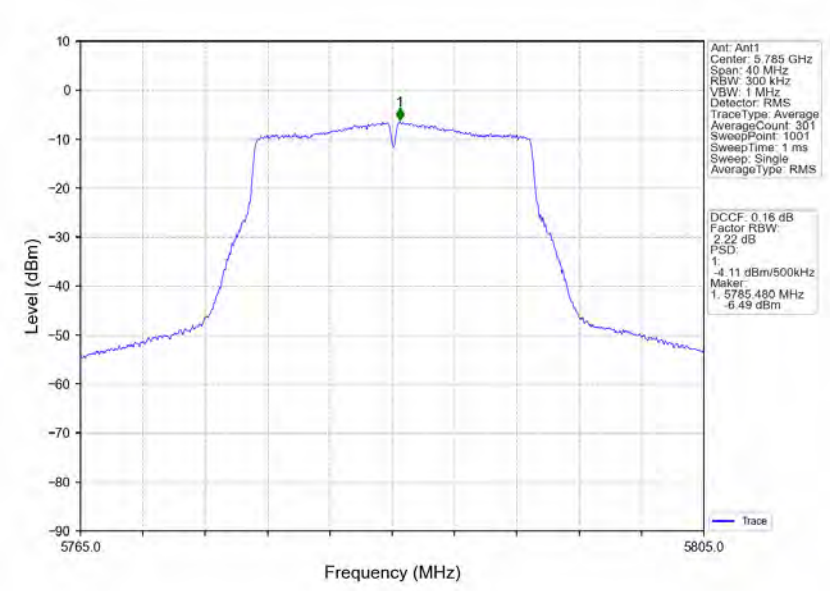
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



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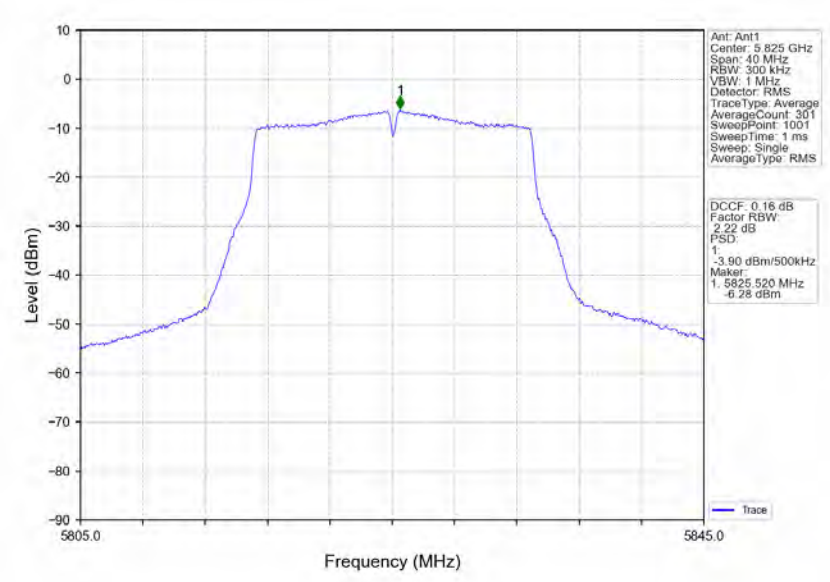

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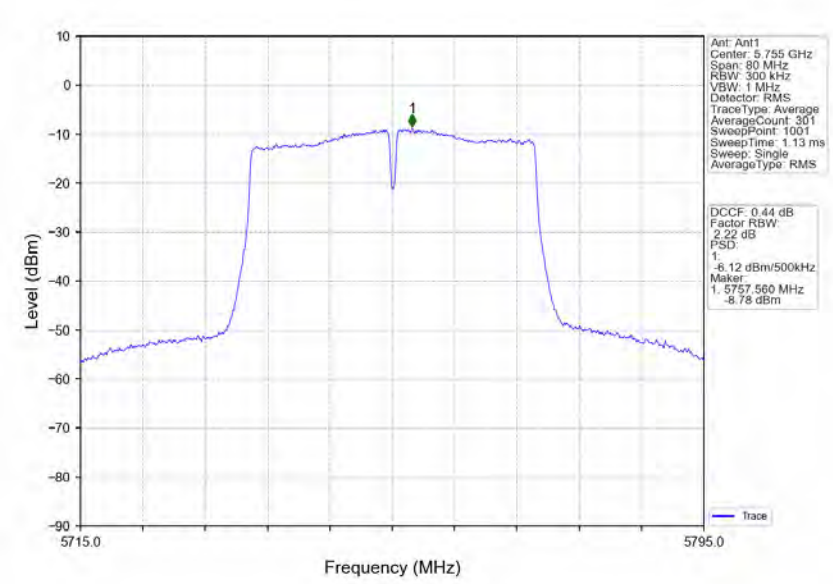
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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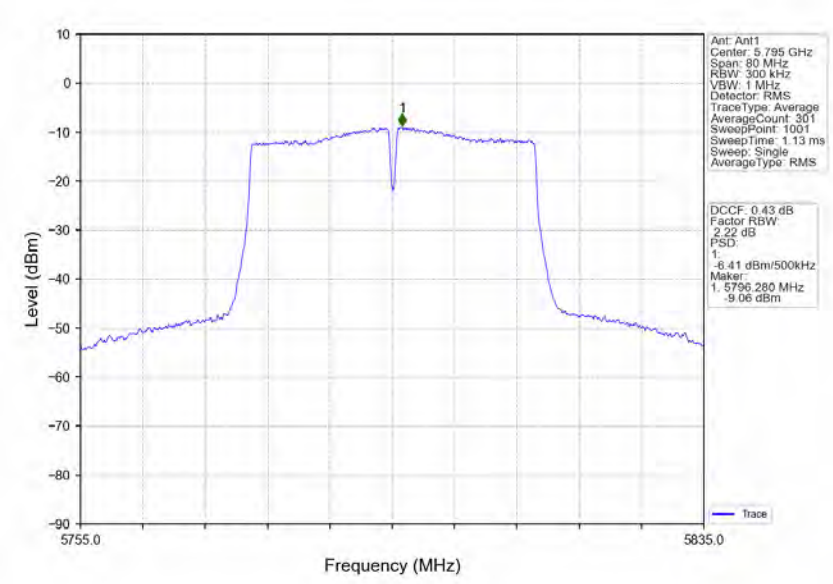

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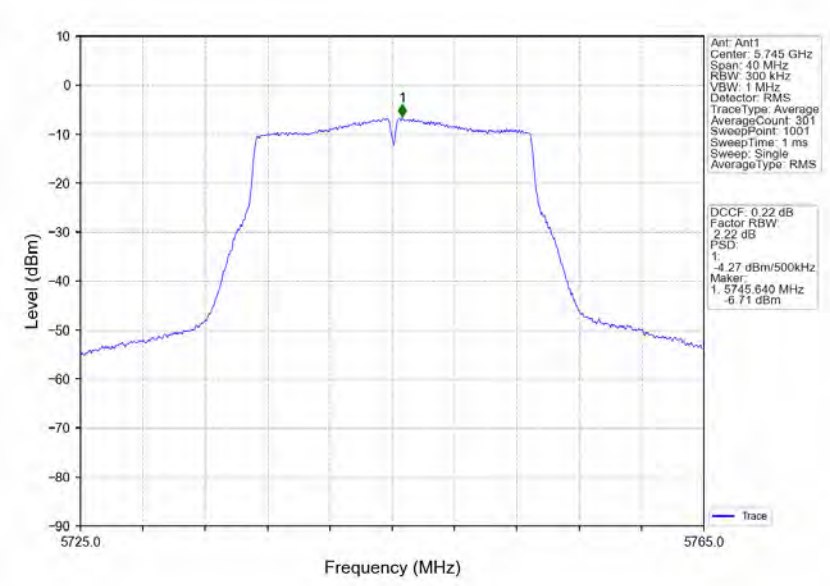
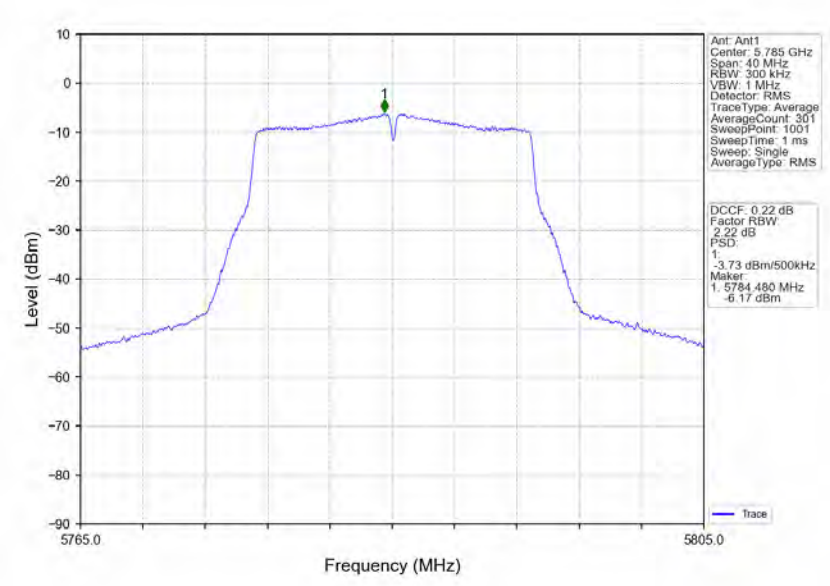
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



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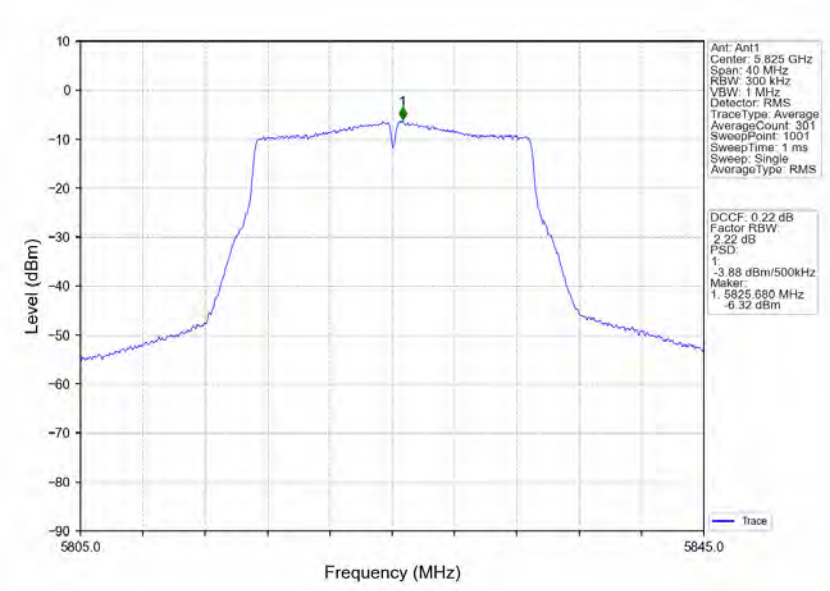
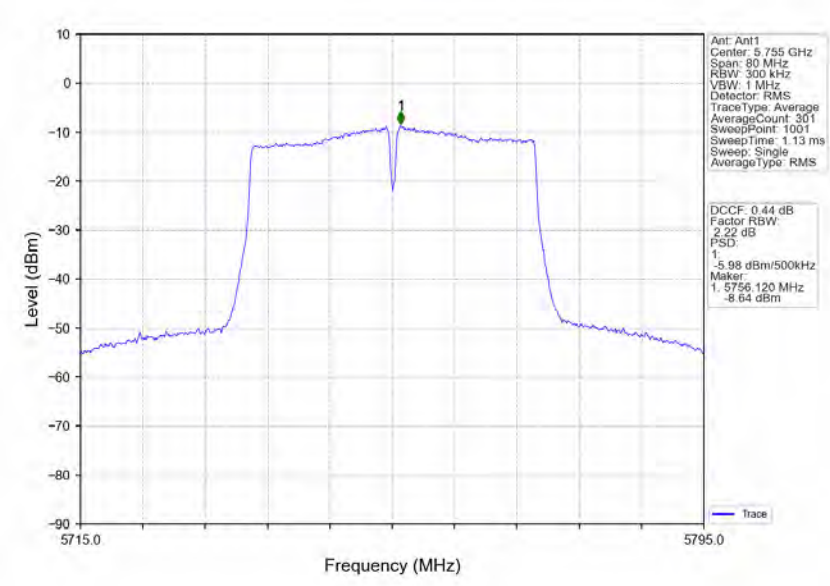
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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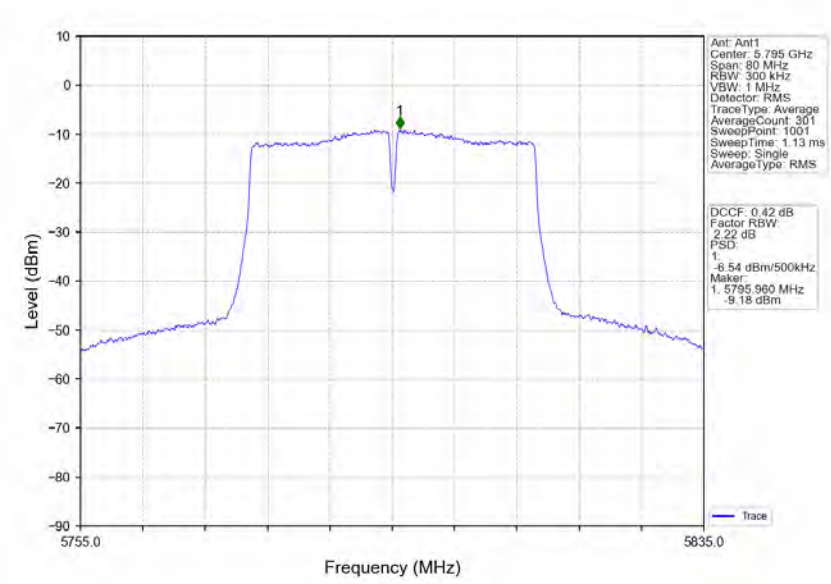
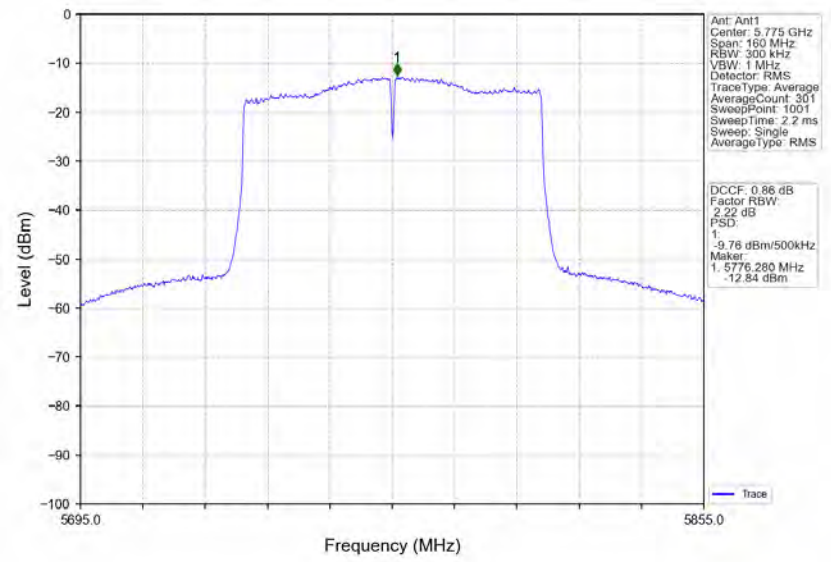
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5180.020	5150 to 5250	Pass
				120	5180.040	5150 to 5250	Pass
				138	5180.120	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
			-20	120	5180.040	5150 to 5250	Pass
			-10	120	5180.040	5150 to 5250	Pass
			0	120	5180.020	5150 to 5250	Pass
			10	120	5180.080	5150 to 5250	Pass
			30	120	5180.080	5150 to 5250	Pass
			40	120	5180.040	5150 to 5250	Pass
			50	120	5180.020	5150 to 5250	Pass
		5200	20	102	5200.100	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				138	5200.080	5150 to 5250	Pass
			-30	120	5200.040	5150 to 5250	Pass
			-20	120	5200.080	5150 to 5250	Pass
			-10	120	5200.040	5150 to 5250	Pass
			0	120	5200.080	5150 to 5250	Pass
			10	120	5200.120	5150 to 5250	Pass
			30	120	5200.100	5150 to 5250	Pass
			40	120	5200.100	5150 to 5250	Pass
			50	120	5200.040	5150 to 5250	Pass
		5240	20	102	5240.140	5150 to 5250	Pass
				120	5240.100	5150 to 5250	Pass
				138	5240.180	5150 to 5250	Pass
			-30	120	5240.120	5150 to 5250	Pass
			-20	120	5240.080	5150 to 5250	Pass
			-10	120	5240.140	5150 to 5250	Pass
			0	120	5240.080	5150 to 5250	Pass
			10	120	5240.040	5150 to 5250	Pass

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			30	120	5240.080	5150 to 5250	Pass
			40	120	5240.100	5150 to 5250	Pass
			50	120	5240.040	5150 to 5250	Pass
		5260	20	102	5260.140	5250 to 5350	Pass
				120	5260.080	5250 to 5350	Pass
				138	5260.060	5250 to 5350	Pass
			-30	120	5260.120	5250 to 5350	Pass
			-20	120	5260.120	5250 to 5350	Pass
			-10	120	5260.080	5250 to 5350	Pass
			0	120	5260.060	5250 to 5350	Pass
			10	120	5260.080	5250 to 5350	Pass
			30	120	5260.100	5250 to 5350	Pass
			40	120	5260.080	5250 to 5350	Pass
			50	120	5260.020	5250 to 5350	Pass
		5300	20	102	5300.040	5250 to 5350	Pass
				120	5300.100	5250 to 5350	Pass
				138	5300.080	5250 to 5350	Pass
			-30	120	5300.140	5250 to 5350	Pass
			-20	120	5300.120	5250 to 5350	Pass
			-10	120	5300.100	5250 to 5350	Pass
			0	120	5300.040	5250 to 5350	Pass
			10	120	5300.060	5250 to 5350	Pass
			30	120	5300.100	5250 to 5350	Pass
			40	120	5300.080	5250 to 5350	Pass
			50	120	5300.080	5250 to 5350	Pass
		5320	20	102	5320.120	5250 to 5350	Pass
				120	5320.060	5250 to 5350	Pass
				138	5320.040	5250 to 5350	Pass
			-30	120	5320.040	5250 to 5350	Pass
			-20	120	5320.100	5250 to 5350	Pass
			-10	120	5320.080	5250 to 5350	Pass
			0	120	5320.000	5250 to 5350	Pass
			10	120	5320.060	5250 to 5350	Pass
			30	120	5320.100	5250 to 5350	Pass
			40	120	5320.140	5250 to 5350	Pass
			50	120	5320.080	5250 to 5350	Pass
		5500	20	102	5500.080	5470 to 5725	Pass
				120	5500.040	5470 to 5725	Pass
				138	5500.000	5470 to 5725	Pass

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			-30	120	5500.000	5470 to 5725	Pass
			-20	120	5500.060	5470 to 5725	Pass
			-10	120	5500.100	5470 to 5725	Pass
			0	120	5500.040	5470 to 5725	Pass
			10	120	5500.060	5470 to 5725	Pass
			30	120	5500.080	5470 to 5725	Pass
			40	120	5500.080	5470 to 5725	Pass
			50	120	5500.100	5470 to 5725	Pass
		5580	20	102	5580.100	5470 to 5725	Pass
				120	5580.060	5470 to 5725	Pass
				138	5580.060	5470 to 5725	Pass
			-30	120	5580.120	5470 to 5725	Pass
			-20	120	5580.140	5470 to 5725	Pass
			-10	120	5580.040	5470 to 5725	Pass
			0	120	5580.040	5470 to 5725	Pass
			10	120	5580.080	5470 to 5725	Pass
			30	120	5580.080	5470 to 5725	Pass
			40	120	5580.080	5470 to 5725	Pass
			50	120	5580.080	5470 to 5725	Pass
		5700	20	102	5700.120	5470 to 5725	Pass
				120	5700.100	5470 to 5725	Pass
				138	5700.120	5470 to 5725	Pass
			-30	120	5700.040	5470 to 5725	Pass
			-20	120	5700.040	5470 to 5725	Pass
			-10	120	5700.100	5470 to 5725	Pass
			0	120	5700.080	5470 to 5725	Pass
			10	120	5700.080	5470 to 5725	Pass
			30	120	5700.060	5470 to 5725	Pass
			40	120	5700.100	5470 to 5725	Pass
			50	120	5700.060	5470 to 5725	Pass
		5745	20	102	5745.100	5725 to 5850	Pass
				120	5745.080	5725 to 5850	Pass
				138	5745.080	5725 to 5850	Pass
			-30	120	5745.100	5725 to 5850	Pass
			-20	120	5745.080	5725 to 5850	Pass
			-10	120	5745.120	5725 to 5850	Pass
			0	120	5745.100	5725 to 5850	Pass
			10	120	5745.080	5725 to 5850	Pass
			30	120	5745.080	5725 to 5850	Pass

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			40	120	5745.060	5725 to 5850	Pass
			50	120	5745.180	5725 to 5850	Pass
		5785	20	102	5785.080	5725 to 5850	Pass
				120	5785.100	5725 to 5850	Pass
				138	5785.120	5725 to 5850	Pass
			-30	120	5785.120	5725 to 5850	Pass
			-20	120	5784.980	5725 to 5850	Pass
			-10	120	5785.080	5725 to 5850	Pass
			0	120	5785.080	5725 to 5850	Pass
			10	120	5785.060	5725 to 5850	Pass
			30	120	5785.120	5725 to 5850	Pass
			40	120	5785.120	5725 to 5850	Pass
			50	120	5785.000	5725 to 5850	Pass
		5825	20	102	5825.060	5725 to 5850	Pass
				120	5825.100	5725 to 5850	Pass
				138	5825.080	5725 to 5850	Pass
			-30	120	5825.120	5725 to 5850	Pass
			-20	120	5825.040	5725 to 5850	Pass
			-10	120	5825.080	5725 to 5850	Pass
			0	120	5825.120	5725 to 5850	Pass
			10	120	5825.040	5725 to 5850	Pass
			30	120	5825.080	5725 to 5850	Pass
			40	120	5825.120	5725 to 5850	Pass
			50	120	5825.120	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	102	5180.020	5150 to 5250	Pass
				120	5180.040	5150 to 5250	Pass
				138	5180.080	5150 to 5250	Pass
			-30	120	5180.100	5150 to 5250	Pass
			-20	120	5180.080	5150 to 5250	Pass
			-10	120	5180.020	5150 to 5250	Pass
			0	120	5180.100	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5180.060	5150 to 5250	Pass
			40	120	5180.060	5150 to 5250	Pass
			50	120	5180.060	5150 to 5250	Pass
		5200	20	102	5200.080	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5200.140	5150 to 5250	Pass
			-30	120	5200.100	5150 to 5250	Pass

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			-20	120	5200.080	5150 to 5250	Pass
			-10	120	5200.100	5150 to 5250	Pass
			0	120	5200.000	5150 to 5250	Pass
			10	120	5200.040	5150 to 5250	Pass
			30	120	5200.000	5150 to 5250	Pass
			40	120	5200.080	5150 to 5250	Pass
			50	120	5200.000	5150 to 5250	Pass
		5240	20	102	5240.120	5150 to 5250	Pass
				120	5240.040	5150 to 5250	Pass
				138	5240.040	5150 to 5250	Pass
			-30	120	5240.100	5150 to 5250	Pass
			-20	120	5240.160	5150 to 5250	Pass
			-10	120	5240.060	5150 to 5250	Pass
			0	120	5240.060	5150 to 5250	Pass
			10	120	5240.080	5150 to 5250	Pass
			30	120	5240.060	5150 to 5250	Pass
			40	120	5240.080	5150 to 5250	Pass
			50	120	5240.100	5150 to 5250	Pass
		5260	20	102	5260.040	5250 to 5350	Pass
				120	5260.120	5250 to 5350	Pass
				138	5260.060	5250 to 5350	Pass
			-30	120	5260.060	5250 to 5350	Pass
			-20	120	5260.040	5250 to 5350	Pass
			-10	120	5260.080	5250 to 5350	Pass
			0	120	5260.020	5250 to 5350	Pass
			10	120	5260.060	5250 to 5350	Pass
			30	120	5260.060	5250 to 5350	Pass
			40	120	5260.100	5250 to 5350	Pass
			50	120	5259.980	5250 to 5350	Pass
		5300	20	102	5300.060	5250 to 5350	Pass
				120	5300.100	5250 to 5350	Pass
				138	5300.080	5250 to 5350	Pass
			-30	120	5300.060	5250 to 5350	Pass
			-20	120	5300.100	5250 to 5350	Pass
			-10	120	5300.120	5250 to 5350	Pass
			0	120	5300.060	5250 to 5350	Pass
			10	120	5300.060	5250 to 5350	Pass
			30	120	5300.120	5250 to 5350	Pass
			40	120	5299.980	5250 to 5350	Pass

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			50	120	5300.060	5250 to 5350	Pass
		5320	20	102	5320.020	5250 to 5350	Pass
				120	5320.060	5250 to 5350	Pass
				138	5320.000	5250 to 5350	Pass
			-30	120	5320.040	5250 to 5350	Pass
			-20	120	5320.040	5250 to 5350	Pass
			-10	120	5320.080	5250 to 5350	Pass
			0	120	5320.080	5250 to 5350	Pass
			10	120	5320.080	5250 to 5350	Pass
			30	120	5320.000	5250 to 5350	Pass
			40	120	5320.000	5250 to 5350	Pass
			50	120	5320.020	5250 to 5350	Pass
		5500	20	102	5500.040	5470 to 5725	Pass
				120	5500.040	5470 to 5725	Pass
				138	5500.080	5470 to 5725	Pass
			-30	120	5500.060	5470 to 5725	Pass
			-20	120	5500.040	5470 to 5725	Pass
			-10	120	5500.040	5470 to 5725	Pass
			0	120	5500.060	5470 to 5725	Pass
			10	120	5500.140	5470 to 5725	Pass
			30	120	5500.100	5470 to 5725	Pass
			40	120	5500.180	5470 to 5725	Pass
			50	120	5500.000	5470 to 5725	Pass
		5580	20	102	5580.060	5470 to 5725	Pass
				120	5580.120	5470 to 5725	Pass
				138	5580.100	5470 to 5725	Pass
			-30	120	5580.020	5470 to 5725	Pass
			-20	120	5580.080	5470 to 5725	Pass
			-10	120	5580.060	5470 to 5725	Pass
			0	120	5580.060	5470 to 5725	Pass
			10	120	5580.080	5470 to 5725	Pass
			30	120	5580.080	5470 to 5725	Pass
			40	120	5580.060	5470 to 5725	Pass
			50	120	5580.040	5470 to 5725	Pass
		5700	20	102	5700.140	5470 to 5725	Pass
				120	5700.060	5470 to 5725	Pass
				138	5700.060	5470 to 5725	Pass
			-30	120	5700.100	5470 to 5725	Pass
			-20	120	5700.100	5470 to 5725	Pass

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			-10	120	5700.040	5470 to 5725	Pass
			0	120	5700.080	5470 to 5725	Pass
			10	120	5700.060	5470 to 5725	Pass
			30	120	5700.180	5470 to 5725	Pass
			40	120	5700.140	5470 to 5725	Pass
			50	120	5700.060	5470 to 5725	Pass
		5745	20	102	5745.160	5725 to 5850	Pass
				120	5745.120	5725 to 5850	Pass
				138	5745.100	5725 to 5850	Pass
			-30	120	5745.160	5725 to 5850	Pass
			-20	120	5745.060	5725 to 5850	Pass
			-10	120	5745.100	5725 to 5850	Pass
			0	120	5745.060	5725 to 5850	Pass
			10	120	5745.120	5725 to 5850	Pass
			30	120	5745.060	5725 to 5850	Pass
			40	120	5745.120	5725 to 5850	Pass
			50	120	5745.100	5725 to 5850	Pass
		5785	20	102	5785.060	5725 to 5850	Pass
				120	5785.060	5725 to 5850	Pass
				138	5785.100	5725 to 5850	Pass
			-30	120	5785.060	5725 to 5850	Pass
			-20	120	5785.100	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			0	120	5785.060	5725 to 5850	Pass
			10	120	5785.080	5725 to 5850	Pass
			30	120	5785.060	5725 to 5850	Pass
			40	120	5785.100	5725 to 5850	Pass
			50	120	5785.120	5725 to 5850	Pass
		5825	20	102	5825.100	5725 to 5850	Pass
				120	5825.100	5725 to 5850	Pass
				138	5825.080	5725 to 5850	Pass
			-30	120	5825.120	5725 to 5850	Pass
			-20	120	5825.040	5725 to 5850	Pass
			-10	120	5825.080	5725 to 5850	Pass
			0	120	5825.120	5725 to 5850	Pass
			10	120	5825.060	5725 to 5850	Pass
			30	120	5825.060	5725 to 5850	Pass
			40	120	5825.160	5725 to 5850	Pass
			50	120	5825.080	5725 to 5850	Pass

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802.11n (HT40)	SISO	5190	20	102	5190.120	5150 to 5250	Pass
				120	5190.040	5150 to 5250	Pass
				138	5190.080	5150 to 5250	Pass
			-30	120	5190.120	5150 to 5250	Pass
			-20	120	5190.160	5150 to 5250	Pass
			-10	120	5190.040	5150 to 5250	Pass
			0	120	5190.040	5150 to 5250	Pass
			10	120	5190.040	5150 to 5250	Pass
			30	120	5190.040	5150 to 5250	Pass
			40	120	5190.080	5150 to 5250	Pass
			50	120	5190.120	5150 to 5250	Pass
		5230	20	102	5230.040	5150 to 5250	Pass
				120	5230.120	5150 to 5250	Pass
				138	5230.200	5150 to 5250	Pass
			-30	120	5230.040	5150 to 5250	Pass
			-20	120	5230.120	5150 to 5250	Pass
			-10	120	5230.200	5150 to 5250	Pass
			0	120	5230.160	5150 to 5250	Pass
			10	120	5230.120	5150 to 5250	Pass
			30	120	5230.200	5150 to 5250	Pass
			40	120	5230.120	5150 to 5250	Pass
			50	120	5230.160	5150 to 5250	Pass
		5270	20	102	5270.120	5250 to 5350	Pass
				120	5270.080	5250 to 5350	Pass
				138	5270.160	5250 to 5350	Pass
			-30	120	5270.160	5250 to 5350	Pass
			-20	120	5270.080	5250 to 5350	Pass
			-10	120	5270.120	5250 to 5350	Pass
			0	120	5270.120	5250 to 5350	Pass
			10	120	5270.120	5250 to 5350	Pass
			30	120	5270.200	5250 to 5350	Pass
			40	120	5270.120	5250 to 5350	Pass
			50	120	5270.120	5250 to 5350	Pass
		5310	20	102	5310.080	5250 to 5350	Pass
				120	5310.120	5250 to 5350	Pass
				138	5310.120	5250 to 5350	Pass
			-30	120	5310.080	5250 to 5350	Pass
			-20	120	5310.080	5250 to 5350	Pass
			-10	120	5310.120	5250 to 5350	Pass

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			0	120	5310.120	5250 to 5350	Pass
			10	120	5310.120	5250 to 5350	Pass
			30	120	5310.160	5250 to 5350	Pass
			40	120	5310.120	5250 to 5350	Pass
			50	120	5310.120	5250 to 5350	Pass
		5510	20	102	5510.080	5470 to 5725	Pass
				120	5510.080	5470 to 5725	Pass
				138	5510.080	5470 to 5725	Pass
			-30	120	5510.080	5470 to 5725	Pass
			-20	120	5510.040	5470 to 5725	Pass
			-10	120	5510.000	5470 to 5725	Pass
			0	120	5510.080	5470 to 5725	Pass
			10	120	5510.080	5470 to 5725	Pass
			30	120	5510.160	5470 to 5725	Pass
			40	120	5510.080	5470 to 5725	Pass
			50	120	5510.000	5470 to 5725	Pass
		5550	20	102	5550.040	5470 to 5725	Pass
				120	5550.040	5470 to 5725	Pass
				138	5550.080	5470 to 5725	Pass
			-30	120	5550.120	5470 to 5725	Pass
			-20	120	5550.080	5470 to 5725	Pass
			-10	120	5550.160	5470 to 5725	Pass
			0	120	5550.080	5470 to 5725	Pass
			10	120	5550.080	5470 to 5725	Pass
			30	120	5550.040	5470 to 5725	Pass
			40	120	5550.080	5470 to 5725	Pass
			50	120	5550.080	5470 to 5725	Pass
		5670	20	102	5670.040	5470 to 5725	Pass
				120	5670.080	5470 to 5725	Pass
				138	5670.120	5470 to 5725	Pass
			-30	120	5670.120	5470 to 5725	Pass
			-20	120	5670.160	5470 to 5725	Pass
			-10	120	5670.080	5470 to 5725	Pass
			0	120	5670.120	5470 to 5725	Pass
			10	120	5670.120	5470 to 5725	Pass
			30	120	5670.080	5470 to 5725	Pass
			40	120	5670.080	5470 to 5725	Pass
			50	120	5670.160	5470 to 5725	Pass
		5755	20	102	5755.160	5725 to 5850	Pass

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				120	5755.080	5725 to 5850	Pass
				138	5755.200	5725 to 5850	Pass
			-30	120	5755.120	5725 to 5850	Pass
			-20	120	5755.120	5725 to 5850	Pass
			-10	120	5755.160	5725 to 5850	Pass
			0	120	5755.200	5725 to 5850	Pass
			10	120	5755.160	5725 to 5850	Pass
			30	120	5755.160	5725 to 5850	Pass
			40	120	5755.120	5725 to 5850	Pass
			50	120	5755.200	5725 to 5850	Pass
		5795	20	102	5795.160	5725 to 5850	Pass
				120	5795.080	5725 to 5850	Pass
				138	5795.160	5725 to 5850	Pass
			-30	120	5795.120	5725 to 5850	Pass
			-20	120	5795.160	5725 to 5850	Pass
			-10	120	5795.120	5725 to 5850	Pass
			0	120	5795.120	5725 to 5850	Pass
			10	120	5795.200	5725 to 5850	Pass
			30	120	5795.080	5725 to 5850	Pass
			40	120	5795.120	5725 to 5850	Pass
			50	120	5795.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	20	102	5180.060	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5180.060	5150 to 5250	Pass
			-20	120	5180.080	5150 to 5250	Pass
			-10	120	5180.020	5150 to 5250	Pass
			0	120	5180.120	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5180.000	5150 to 5250	Pass
			40	120	5180.060	5150 to 5250	Pass
			50	120	5180.060	5150 to 5250	Pass
		5200	20	102	5200.060	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				138	5200.040	5150 to 5250	Pass
			-30	120	5200.060	5150 to 5250	Pass
			-20	120	5200.020	5150 to 5250	Pass
			-10	120	5200.080	5150 to 5250	Pass
			0	120	5200.000	5150 to 5250	Pass

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			10	120	5200.100	5150 to 5250	Pass
			30	120	5200.020	5150 to 5250	Pass
			40	120	5200.040	5150 to 5250	Pass
			50	120	5200.020	5150 to 5250	Pass
		5240	20	102	5240.140	5150 to 5250	Pass
				120	5240.120	5150 to 5250	Pass
				138	5240.060	5150 to 5250	Pass
			-30	120	5240.100	5150 to 5250	Pass
			-20	120	5240.060	5150 to 5250	Pass
			-10	120	5240.180	5150 to 5250	Pass
			0	120	5240.180	5150 to 5250	Pass
			10	120	5240.160	5150 to 5250	Pass
			30	120	5240.120	5150 to 5250	Pass
			40	120	5240.140	5150 to 5250	Pass
			50	120	5240.060	5150 to 5250	Pass
		5260	20	102	5260.080	5250 to 5350	Pass
				120	5260.120	5250 to 5350	Pass
				138	5260.080	5250 to 5350	Pass
			-30	120	5260.120	5250 to 5350	Pass
			-20	120	5260.080	5250 to 5350	Pass
			-10	120	5260.040	5250 to 5350	Pass
			0	120	5260.080	5250 to 5350	Pass
			10	120	5260.100	5250 to 5350	Pass
			30	120	5260.120	5250 to 5350	Pass
			40	120	5260.080	5250 to 5350	Pass
			50	120	5260.120	5250 to 5350	Pass
		5300	20	102	5300.080	5250 to 5350	Pass
				120	5300.100	5250 to 5350	Pass
				138	5300.120	5250 to 5350	Pass
			-30	120	5300.100	5250 to 5350	Pass
			-20	120	5300.080	5250 to 5350	Pass
			-10	120	5300.040	5250 to 5350	Pass
			0	120	5300.020	5250 to 5350	Pass
			10	120	5300.140	5250 to 5350	Pass
			30	120	5300.140	5250 to 5350	Pass
			40	120	5300.120	5250 to 5350	Pass
			50	120	5300.060	5250 to 5350	Pass
		5320	20	102	5320.000	5250 to 5350	Pass
				120	5320.100	5250 to 5350	Pass

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				138	5320.080	5250 to 5350	Pass
			-30	120	5320.000	5250 to 5350	Pass
			-20	120	5320.080	5250 to 5350	Pass
			-10	120	5320.040	5250 to 5350	Pass
			0	120	5320.080	5250 to 5350	Pass
			10	120	5320.020	5250 to 5350	Pass
			30	120	5320.080	5250 to 5350	Pass
			40	120	5320.100	5250 to 5350	Pass
			50	120	5320.040	5250 to 5350	Pass
		5500	20	102	5500.040	5470 to 5725	Pass
				120	5500.020	5470 to 5725	Pass
				138	5500.120	5470 to 5725	Pass
			-30	120	5499.980	5470 to 5725	Pass
			-20	120	5500.040	5470 to 5725	Pass
			-10	120	5500.060	5470 to 5725	Pass
			0	120	5500.100	5470 to 5725	Pass
			10	120	5500.080	5470 to 5725	Pass
			30	120	5500.040	5470 to 5725	Pass
			40	120	5500.080	5470 to 5725	Pass
			50	120	5500.040	5470 to 5725	Pass
		5580	20	102	5580.060	5470 to 5725	Pass
				120	5580.100	5470 to 5725	Pass
				138	5580.060	5470 to 5725	Pass
			-30	120	5580.100	5470 to 5725	Pass
			-20	120	5580.040	5470 to 5725	Pass
			-10	120	5580.080	5470 to 5725	Pass
			0	120	5580.060	5470 to 5725	Pass
			10	120	5580.020	5470 to 5725	Pass
			30	120	5580.080	5470 to 5725	Pass
			40	120	5580.020	5470 to 5725	Pass
			50	120	5580.100	5470 to 5725	Pass
		5700	20	102	5700.120	5470 to 5725	Pass
				120	5700.100	5470 to 5725	Pass
				138	5700.120	5470 to 5725	Pass
			-30	120	5700.120	5470 to 5725	Pass
			-20	120	5700.100	5470 to 5725	Pass
			-10	120	5700.040	5470 to 5725	Pass
			0	120	5700.000	5470 to 5725	Pass
			10	120	5700.100	5470 to 5725	Pass

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			30	120	5700.080	5470 to 5725	Pass
			40	120	5700.080	5470 to 5725	Pass
			50	120	5700.060	5470 to 5725	Pass
		5745	20	102	5745.120	5725 to 5850	Pass
				120	5745.060	5725 to 5850	Pass
				138	5745.180	5725 to 5850	Pass
			-30	120	5745.140	5725 to 5850	Pass
			-20	120	5745.080	5725 to 5850	Pass
			-10	120	5745.100	5725 to 5850	Pass
			0	120	5745.120	5725 to 5850	Pass
			10	120	5745.060	5725 to 5850	Pass
			30	120	5745.020	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.100	5725 to 5850	Pass
		5785	20	102	5785.060	5725 to 5850	Pass
				120	5785.060	5725 to 5850	Pass
				138	5785.020	5725 to 5850	Pass
			-30	120	5785.060	5725 to 5850	Pass
			-20	120	5785.040	5725 to 5850	Pass
			-10	120	5785.060	5725 to 5850	Pass
			0	120	5785.060	5725 to 5850	Pass
			10	120	5785.060	5725 to 5850	Pass
			30	120	5785.060	5725 to 5850	Pass
			40	120	5785.120	5725 to 5850	Pass
			50	120	5785.080	5725 to 5850	Pass
		5825	20	102	5825.020	5725 to 5850	Pass
				120	5825.040	5725 to 5850	Pass
				138	5825.160	5725 to 5850	Pass
			-30	120	5825.040	5725 to 5850	Pass
			-20	120	5825.080	5725 to 5850	Pass
			-10	120	5825.080	5725 to 5850	Pass
			0	120	5825.040	5725 to 5850	Pass
			10	120	5825.060	5725 to 5850	Pass
			30	120	5825.040	5725 to 5850	Pass
			40	120	5825.040	5725 to 5850	Pass
			50	120	5825.080	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	20	102	5190.120	5150 to 5250	Pass
				120	5190.040	5150 to 5250	Pass
				138	5190.160	5150 to 5250	Pass

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			-30	120	5190.080	5150 to 5250	Pass
			-20	120	5190.080	5150 to 5250	Pass
			-10	120	5190.080	5150 to 5250	Pass
			0	120	5190.120	5150 to 5250	Pass
			10	120	5190.080	5150 to 5250	Pass
			30	120	5190.120	5150 to 5250	Pass
			40	120	5190.080	5150 to 5250	Pass
			50	120	5190.160	5150 to 5250	Pass
		5230	20	102	5230.080	5150 to 5250	Pass
				120	5230.160	5150 to 5250	Pass
				138	5230.120	5150 to 5250	Pass
			-30	120	5230.080	5150 to 5250	Pass
			-20	120	5230.120	5150 to 5250	Pass
			-10	120	5230.040	5150 to 5250	Pass
			0	120	5230.160	5150 to 5250	Pass
			10	120	5230.200	5150 to 5250	Pass
			30	120	5230.120	5150 to 5250	Pass
			40	120	5230.080	5150 to 5250	Pass
			50	120	5230.120	5150 to 5250	Pass
		5270	20	102	5270.160	5250 to 5350	Pass
				120	5270.080	5250 to 5350	Pass
				138	5270.120	5250 to 5350	Pass
			-30	120	5270.120	5250 to 5350	Pass
			-20	120	5270.120	5250 to 5350	Pass
			-10	120	5270.080	5250 to 5350	Pass
			0	120	5270.120	5250 to 5350	Pass
			10	120	5270.200	5250 to 5350	Pass
			30	120	5270.160	5250 to 5350	Pass
			40	120	5270.120	5250 to 5350	Pass
			50	120	5270.120	5250 to 5350	Pass
		5310	20	102	5310.120	5250 to 5350	Pass
				120	5310.080	5250 to 5350	Pass
				138	5310.120	5250 to 5350	Pass
			-30	120	5310.160	5250 to 5350	Pass
			-20	120	5310.120	5250 to 5350	Pass
			-10	120	5310.040	5250 to 5350	Pass
			0	120	5310.120	5250 to 5350	Pass
			10	120	5310.160	5250 to 5350	Pass
			30	120	5310.080	5250 to 5350	Pass

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			40	120	5310.240	5250 to 5350	Pass
			50	120	5310.120	5250 to 5350	Pass
		5510	20	102	5510.120	5470 to 5725	Pass
				120	5510.200	5470 to 5725	Pass
				138	5510.080	5470 to 5725	Pass
			-30	120	5510.160	5470 to 5725	Pass
			-20	120	5510.080	5470 to 5725	Pass
			-10	120	5510.120	5470 to 5725	Pass
			0	120	5510.200	5470 to 5725	Pass
			10	120	5510.120	5470 to 5725	Pass
			30	120	5510.120	5470 to 5725	Pass
			40	120	5510.080	5470 to 5725	Pass
			50	120	5510.160	5470 to 5725	Pass
		5550	20	102	5550.120	5470 to 5725	Pass
				120	5550.080	5470 to 5725	Pass
				138	5550.000	5470 to 5725	Pass
			-30	120	5550.120	5470 to 5725	Pass
			-20	120	5550.080	5470 to 5725	Pass
			-10	120	5550.120	5470 to 5725	Pass
			0	120	5550.120	5470 to 5725	Pass
			10	120	5550.080	5470 to 5725	Pass
			30	120	5550.040	5470 to 5725	Pass
			40	120	5550.040	5470 to 5725	Pass
			50	120	5550.080	5470 to 5725	Pass
		5670	20	102	5670.120	5470 to 5725	Pass
				120	5670.160	5470 to 5725	Pass
				138	5670.120	5470 to 5725	Pass
			-30	120	5670.160	5470 to 5725	Pass
			-20	120	5670.160	5470 to 5725	Pass
			-10	120	5670.160	5470 to 5725	Pass
			0	120	5670.080	5470 to 5725	Pass
			10	120	5670.200	5470 to 5725	Pass
			30	120	5670.080	5470 to 5725	Pass
			40	120	5670.080	5470 to 5725	Pass
			50	120	5670.080	5470 to 5725	Pass
		5755	20	102	5755.120	5725 to 5850	Pass
				120	5755.200	5725 to 5850	Pass
				138	5755.160	5725 to 5850	Pass
			-30	120	5755.120	5725 to 5850	Pass

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			-20	120	5755.200	5725 to 5850	Pass
			-10	120	5755.120	5725 to 5850	Pass
			0	120	5755.160	5725 to 5850	Pass
			10	120	5755.200	5725 to 5850	Pass
			30	120	5755.160	5725 to 5850	Pass
			40	120	5755.120	5725 to 5850	Pass
			50	120	5755.160	5725 to 5850	Pass
		5795	20	102	5795.200	5725 to 5850	Pass
				120	5795.200	5725 to 5850	Pass
				138	5795.120	5725 to 5850	Pass
			-30	120	5795.160	5725 to 5850	Pass
			-20	120	5795.080	5725 to 5850	Pass
			-10	120	5795.080	5725 to 5850	Pass
			0	120	5795.160	5725 to 5850	Pass
			10	120	5795.120	5725 to 5850	Pass
			30	120	5795.040	5725 to 5850	Pass
			40	120	5795.080	5725 to 5850	Pass
			50	120	5795.120	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5210	20	102	5210.150	5150 to 5250	Pass
				120	5210.150	5150 to 5250	Pass
				138	5210.150	5150 to 5250	Pass
			-30	120	5210.150	5150 to 5250	Pass
			-20	120	5210.225	5150 to 5250	Pass
			-10	120	5210.225	5150 to 5250	Pass
			0	120	5210.075	5150 to 5250	Pass
			10	120	5210.150	5150 to 5250	Pass
			30	120	5210.150	5150 to 5250	Pass
			40	120	5210.075	5150 to 5250	Pass
			50	120	5210.150	5150 to 5250	Pass
		5290	20	102	5290.075	5250 to 5350	Pass
				120	5290.075	5250 to 5350	Pass
				138	5290.150	5250 to 5350	Pass
			-30	120	5290.150	5250 to 5350	Pass
			-20	120	5290.075	5250 to 5350	Pass
			-10	120	5290.075	5250 to 5350	Pass
			0	120	5290.075	5250 to 5350	Pass
			10	120	5290.075	5250 to 5350	Pass
			30	120	5290.150	5250 to 5350	Pass
			40	120	5290.075	5250 to 5350	Pass

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			50	120	5290.075	5250 to 5350	Pass
		5530	20	102	5530.150	5470 to 5725	Pass
				120	5530.075	5470 to 5725	Pass
				138	5530.075	5470 to 5725	Pass
			-30	120	5530.000	5470 to 5725	Pass
			-20	120	5530.075	5470 to 5725	Pass
			-10	120	5530.000	5470 to 5725	Pass
			0	120	5530.150	5470 to 5725	Pass
			10	120	5530.000	5470 to 5725	Pass
			30	120	5530.075	5470 to 5725	Pass
			40	120	5530.075	5470 to 5725	Pass
			50	120	5530.075	5470 to 5725	Pass
		5610	20	102	5610.150	5470 to 5725	Pass
				120	5610.150	5470 to 5725	Pass
				138	5610.075	5470 to 5725	Pass
			-30	120	5610.075	5470 to 5725	Pass
			-20	120	5610.150	5470 to 5725	Pass
			-10	120	5610.000	5470 to 5725	Pass
			0	120	5610.150	5470 to 5725	Pass
			10	120	5610.075	5470 to 5725	Pass
			30	120	5610.150	5470 to 5725	Pass
			40	120	5610.150	5470 to 5725	Pass
			50	120	5610.075	5470 to 5725	Pass
		5775	20	102	5775.225	5725 to 5850	Pass
				120	5775.225	5725 to 5850	Pass
				138	5775.150	5725 to 5850	Pass
			-30	120	5775.150	5725 to 5850	Pass
			-20	120	5775.150	5725 to 5850	Pass
			-10	120	5775.150	5725 to 5850	Pass
			0	120	5775.150	5725 to 5850	Pass
			10	120	5775.225	5725 to 5850	Pass
			30	120	5775.225	5725 to 5850	Pass
			40	120	5775.150	5725 to 5850	Pass
			50	120	5775.150	5725 to 5850	Pass

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