1. Signal Calibration

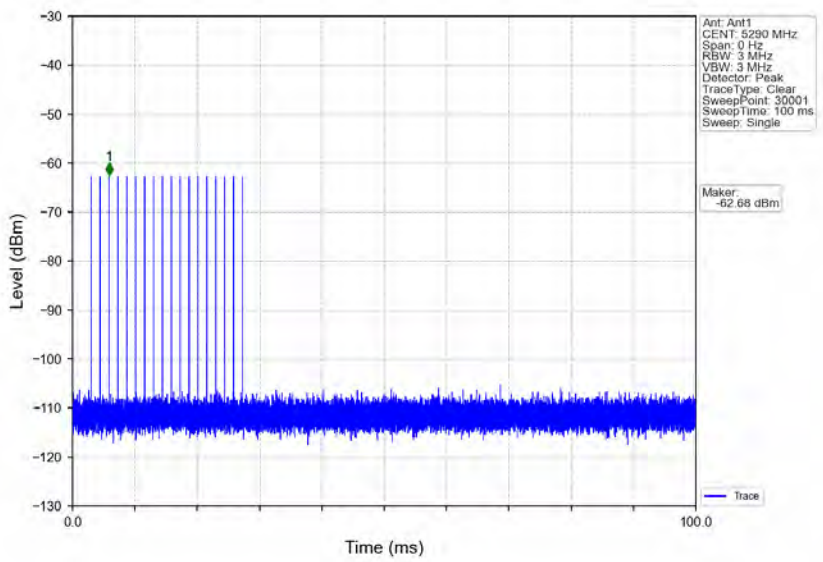
1.1 SC

1.1.1 Test Result

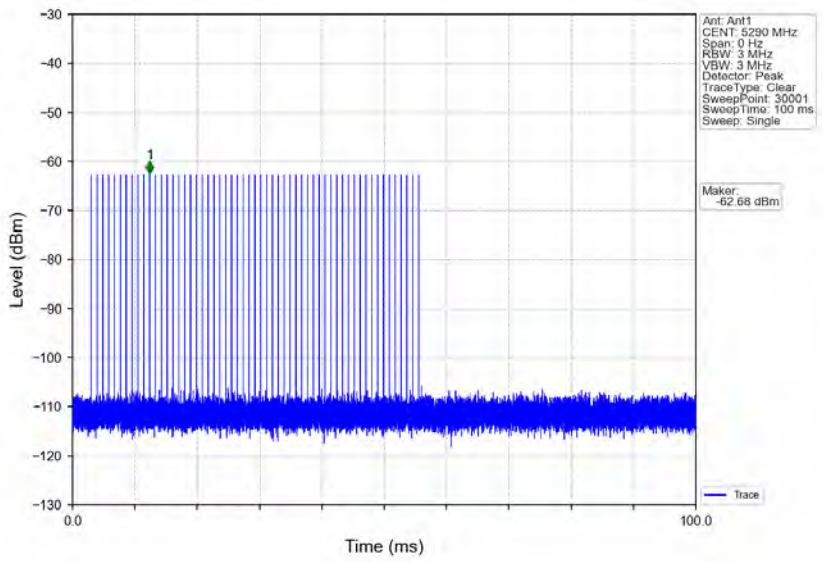
Band: 2C							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ac (VHT80)	80	5290	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

1.1.2 Test Graph

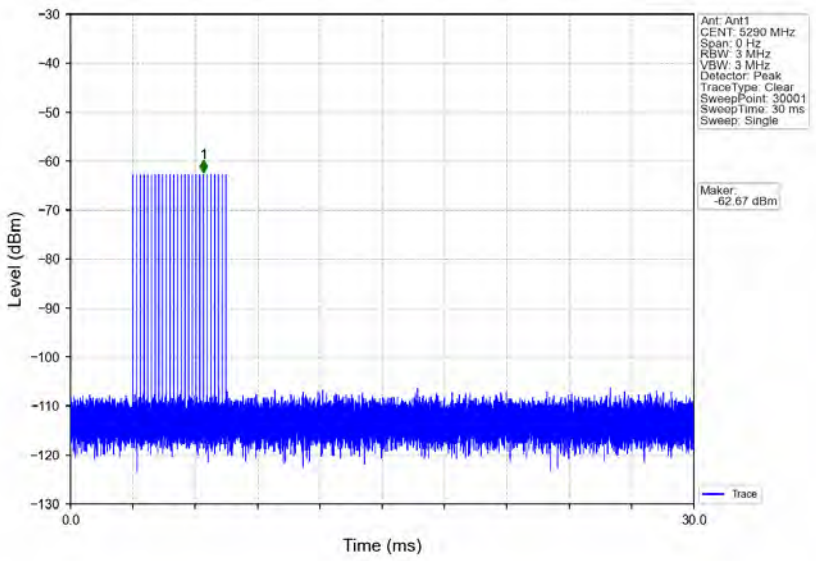
Signal Calibration_802.11ac(VHT80)_2C_5290MHz_RadarType0_Trial0



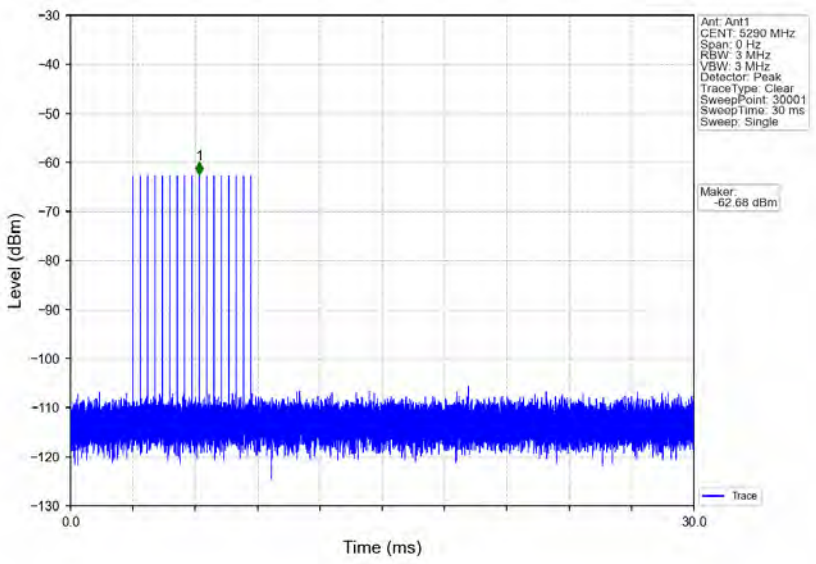
Signal Calibration_802.11ac(VHT80)_2C_5290MHz_RadarType1_Trial0



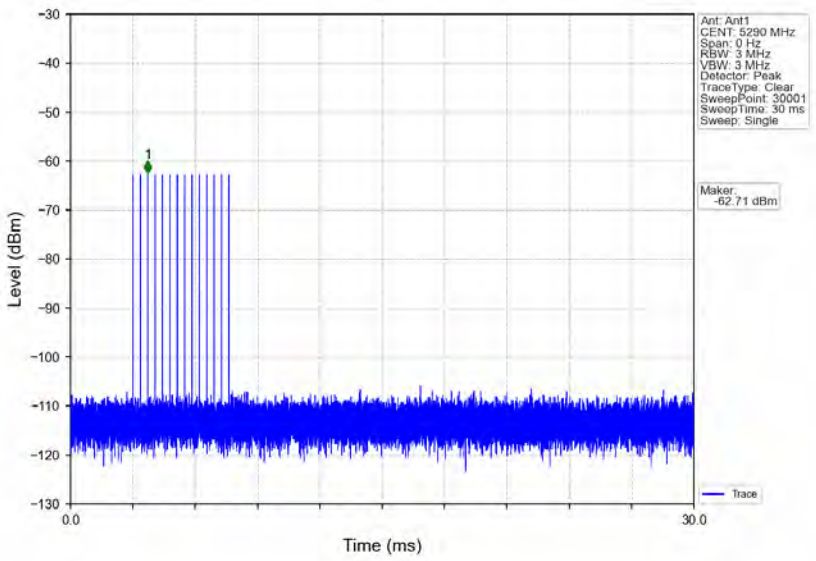
Signal Calibration_802.11ac(VHT80)_2C_5290MHz_RadarType2_Trial0



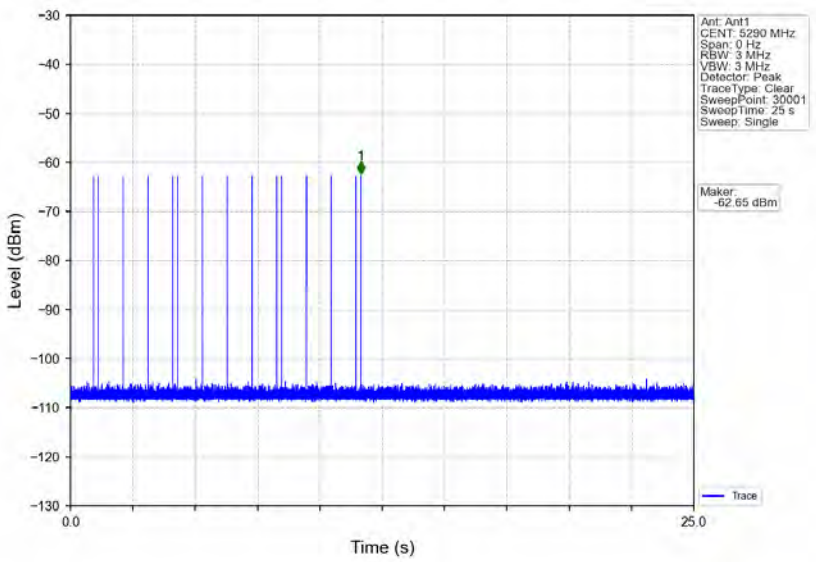
Signal Calibration_802.11ac(VHT80)_2C_5290MHz_RadarType3_Trial0



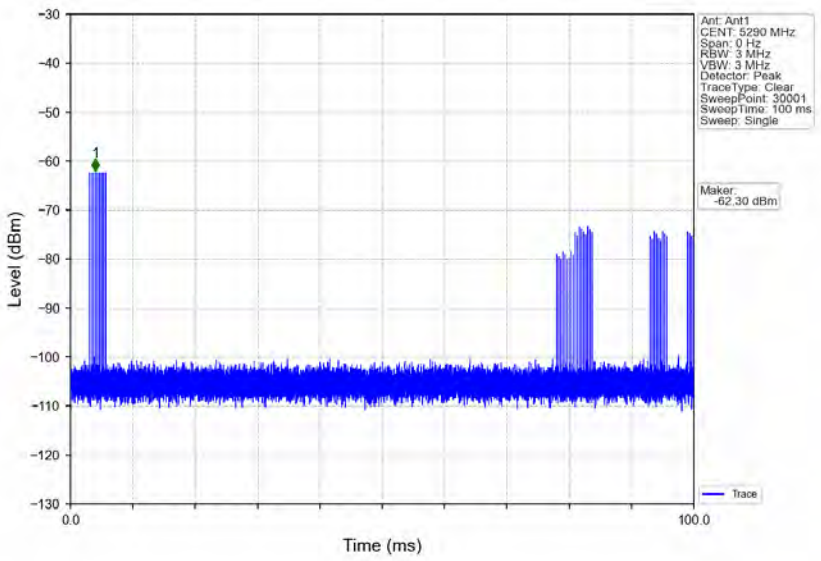
Signal Calibration_802.11ac(VHT80)_2C_5290MHz_RadarType4_Trial0



Signal Calibration_802.11ac(VHT80)_2C_5290MHz_RadarType5_Trial0



Signal Calibration_802.11ac(VHT80)_2C_5290MHz_RadarType6_Trial0



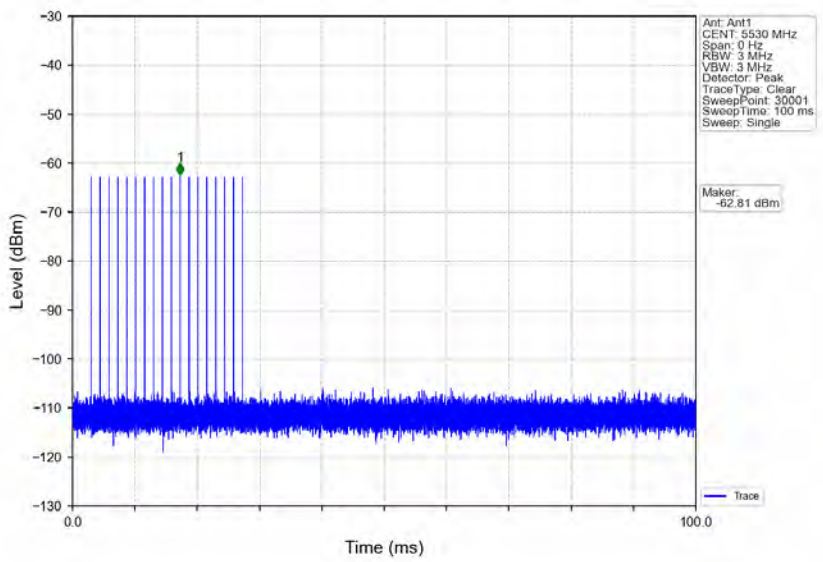
1.2 SC

1.2.1 Test Result

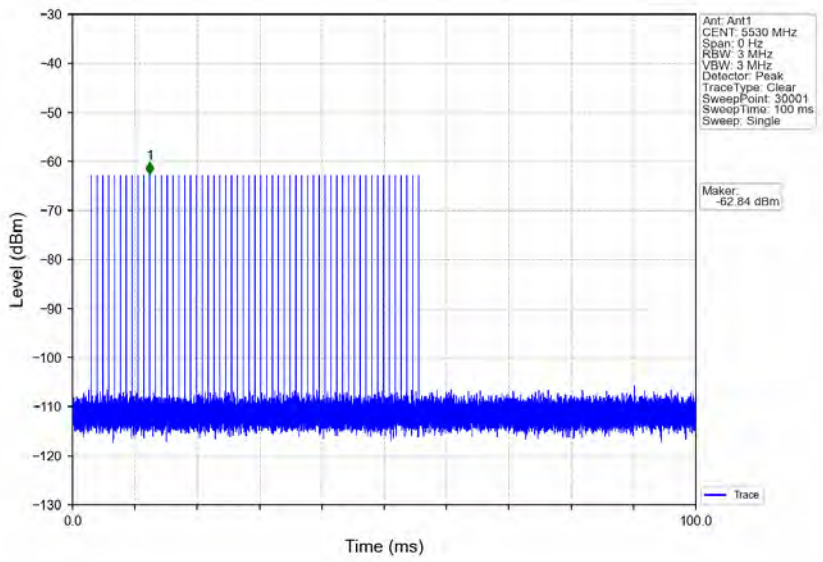
Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ac (VHT80)	80	5530	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

1.2.2 Test Graph

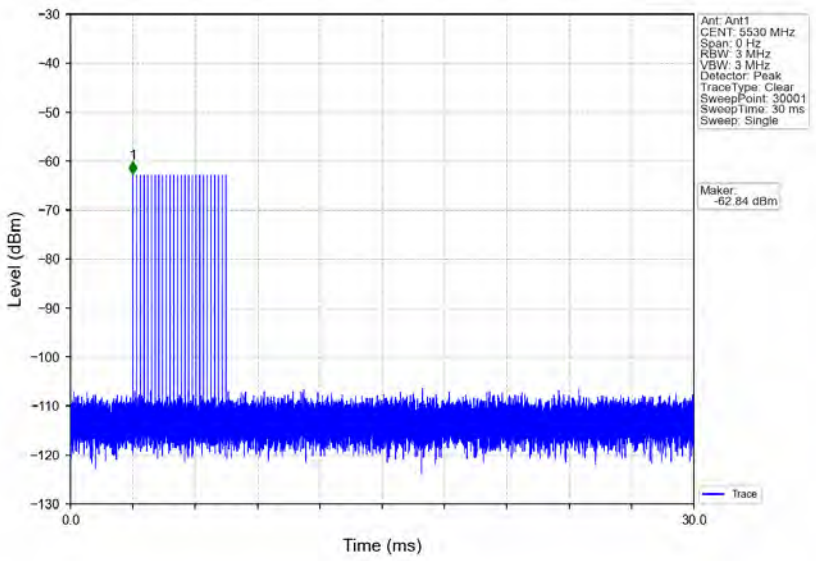
Signal Calibration_802.11ac(VHT80)_2A_5530MHz_RadarType0_Trial0



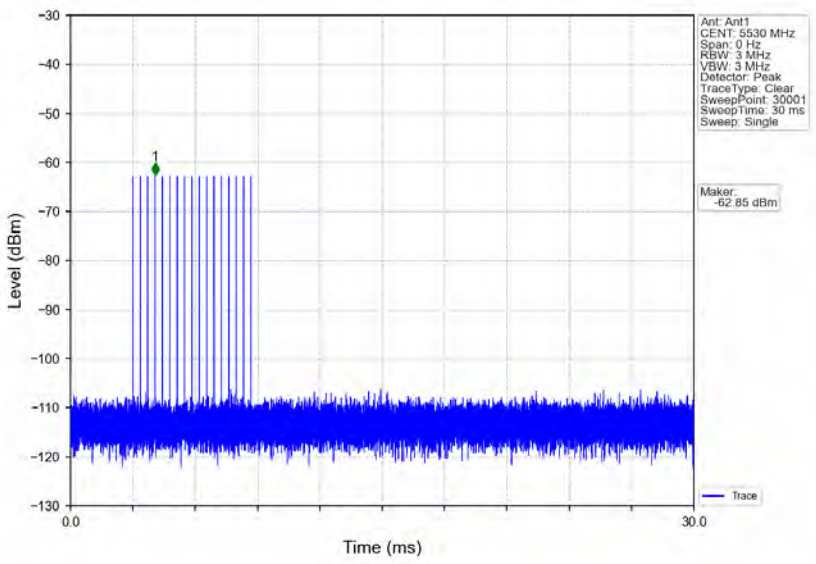
Signal Calibration_802.11ac(VHT80)_2A_5530MHz_RadarType1_Trial0



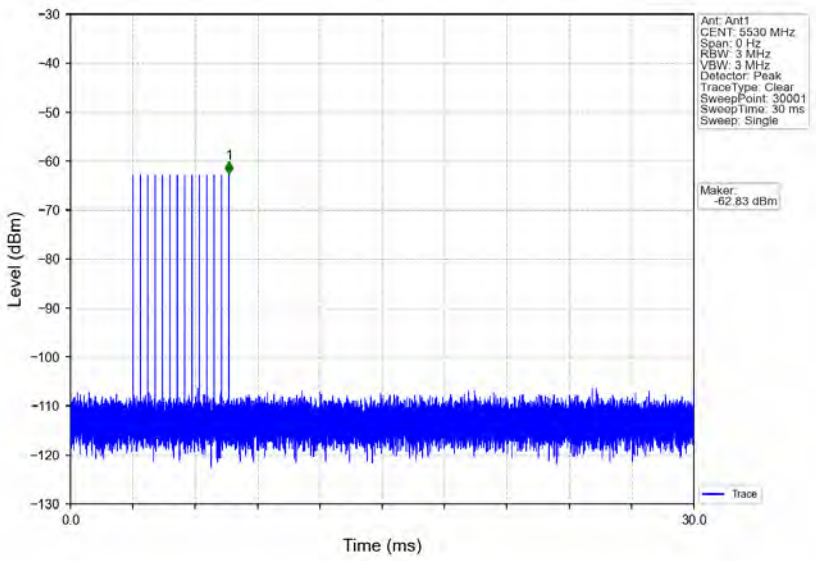
Signal Calibration_802.11ac(VHT80)_2A_5530MHz_RadarType2_Trial0



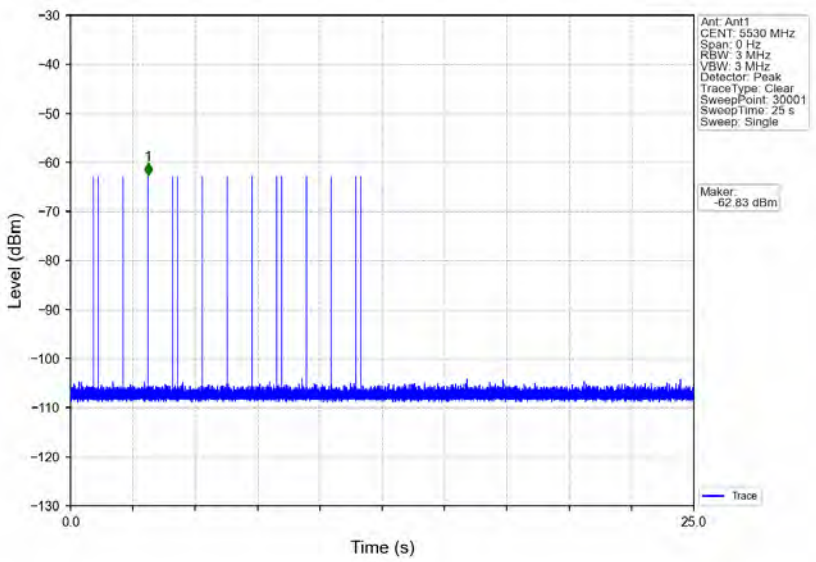
Signal Calibration_802.11ac(VHT80)_2A_5530MHz_RadarType3_Trial0



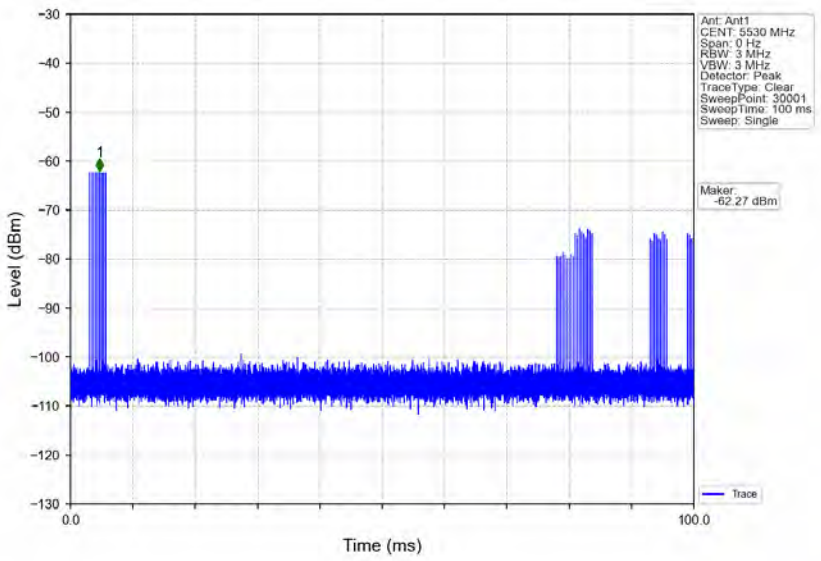
Signal Calibration_802.11ac(VHT80)_2A_5530MHz_RadarType4_Trial0



Signal Calibration_802.11ac(VHT80)_2A_5530MHz_RadarType5_Trial0



Signal Calibration_802.11ac(VHT80)_2A_5530MHz_RadarType6_Trial0



2. Channel Loading (Payload)

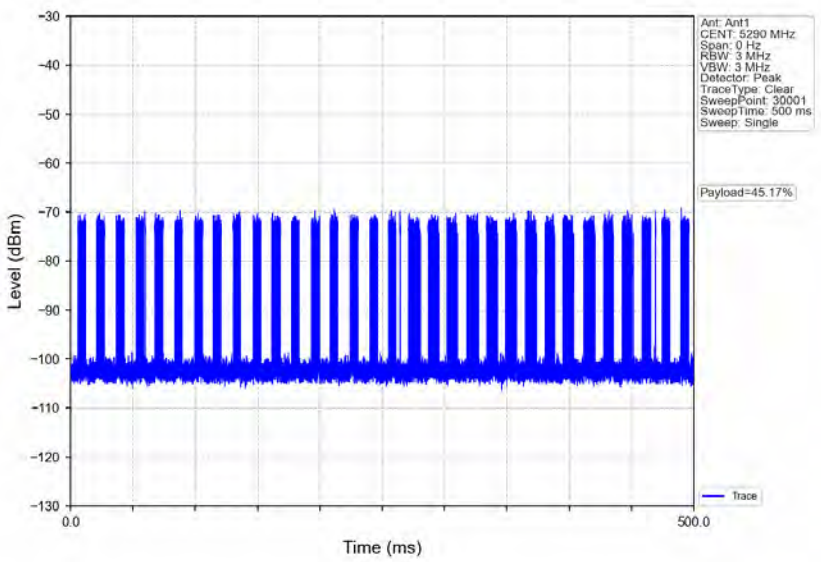
2.1 Payload

2.1.1 Test Result

Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5290	45.17	>=17	Pass

2.1.2 Test Graph

Channel Loading (Payload)_802.11ac(VHT80)_2C_5290MHz



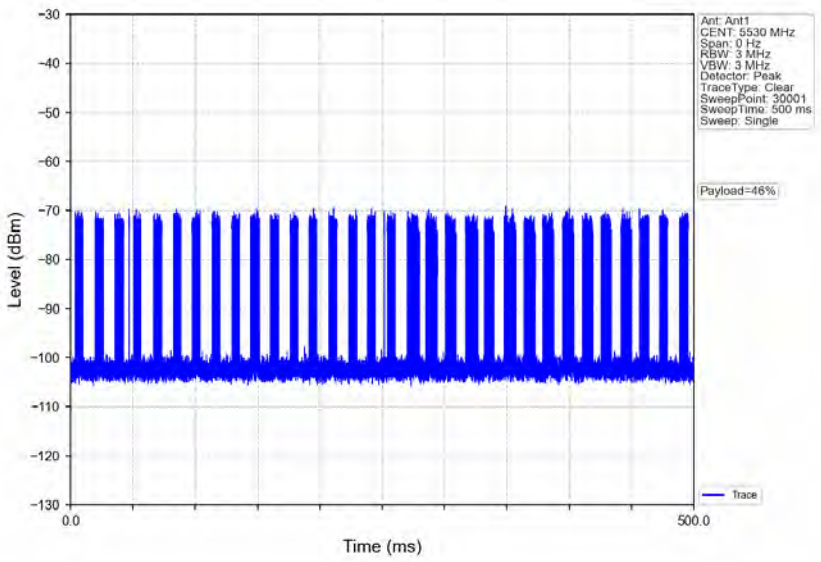
2.2 Payload

2.2.1 Test Result

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5530	46	>=17	Pass

2.2.2 Test Graph

Channel Loading (Payload)_802.11ac(VHT80)_2A_5530MHz



3. Channel Move Time and Closing Transmission Time

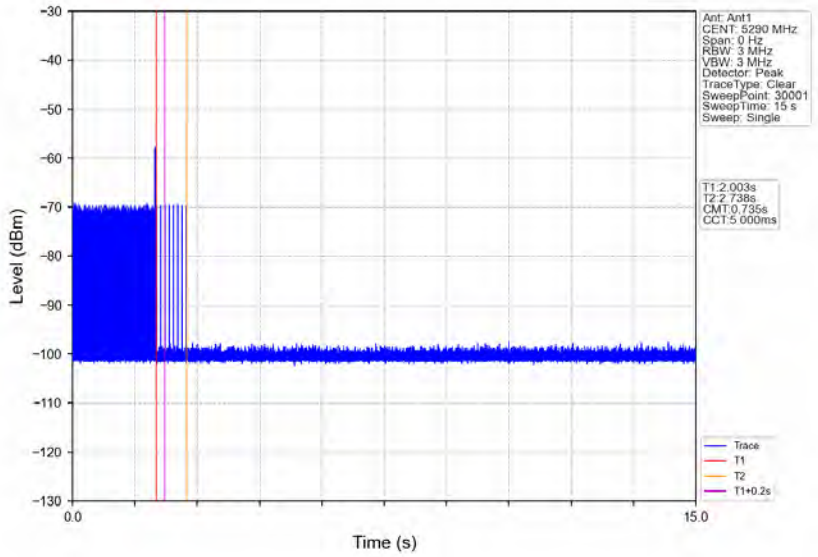
3.1 CMT_CTT

3.1.1 Test Result

Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Move Time and Closing Transmission Time		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5290	Refer To Test Graph		Pass

3.1.2 Test Graph

Channel Move Time and Closing Transmission Time_802.11ac(VHT80)_2C_5290MHz



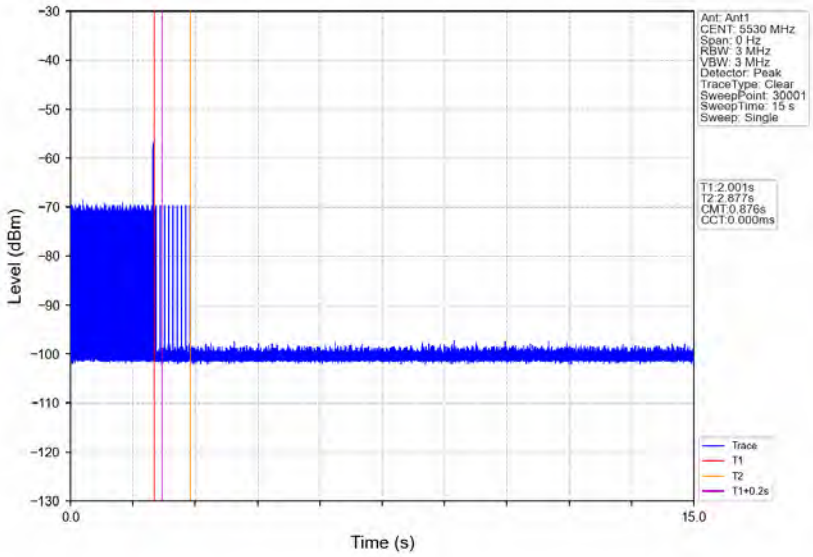
3.2 CMT_CTT

3.2.1 Test Result

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Move Time and Closing Transmission Time		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5530	Refer To Test Graph		Pass

3.2.2 Test Graph

Channel Move Time and Closing Transmission Time_802.11ac(VHT80)_2A_5530MHz



Channel	802.11a	802.11n(HT20)	802.11ac(VHT20)
	Ant 1	Ant 2	Ant 1
36	63	63	63
40	63	63	63
48	63	63	63
52	63	63	63
60	63	63	63
64	63	63	63
100	53	53	53
116	53	53	53
140	53	53	53
149	53	53	53
157	53	53	53
165	53	53	53

Channel	802.11n(HT40)	802.11ac(VHT40)
	Ant 1	Ant 1
38	53	53
46	53	53
54	53	53
62	53	53
102	53	63
110	53	53
134	53	53
151	53	53
159	53	53

Channel	802.11ac(VHT80)
	Ant 1
42	53
58	53
106	50
122	53
138	53
155	53

1. Duty Cycle

1.1 Ant1

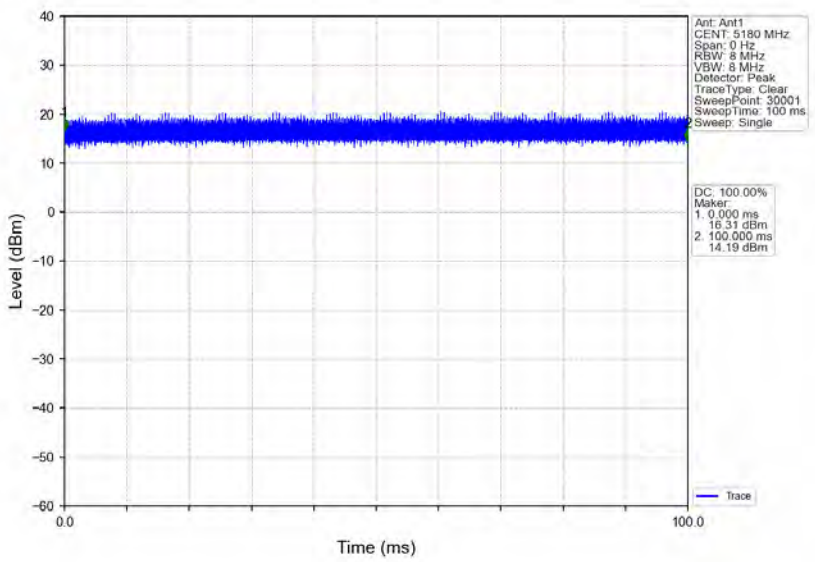
1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
		5260	100.000	100.000	100.00	0.00	0.00
		5300	100.000	100.000	100.00	0.00	0.00
		5320	100.000	100.000	100.00	0.00	0.00
		5500	100.000	100.000	100.00	0.00	0.00
		5580	100.000	100.000	100.00	0.00	0.00
		5700	100.000	100.000	100.00	0.00	0.00
		5745	100.000	100.000	100.00	0.00	0.00
		5785	100.000	100.000	100.00	0.00	0.00
		5825	100.000	100.000	100.00	0.00	0.00
802.11n (HT20)	SISO	5180	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
		5260	100.000	100.000	100.00	0.00	0.00
		5300	100.000	100.000	100.00	0.00	0.00
		5320	100.000	100.000	100.00	0.00	0.00
		5500	100.000	100.000	100.00	0.00	0.00
		5580	100.000	100.000	100.00	0.00	0.00
		5700	100.000	100.000	100.00	0.00	0.00
		5745	100.000	100.000	100.00	0.00	0.00
		5785	100.000	100.000	100.00	0.00	0.00
		5825	100.000	100.000	100.00	0.00	0.00
802.11n (HT40)	SISO	5190	100.000	100.000	100.00	0.00	0.00
		5230	100.000	100.000	100.00	0.00	0.00
		5270	100.000	100.000	100.00	0.00	0.00
		5310	100.000	100.000	100.00	0.00	0.00
		5510	100.000	100.000	100.00	0.00	0.00
		5550	100.000	100.000	100.00	0.00	0.00
		5670	100.000	100.000	100.00	0.00	0.00
		5755	100.000	100.000	100.00	0.00	0.00
		5795	100.000	100.000	100.00	0.00	0.00
802.11ac (VHT20)	SISO	5180	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
		5260	100.000	100.000	100.00	0.00	0.00
		5300	100.000	100.000	100.00	0.00	0.00
		5320	100.000	100.000	100.00	0.00	0.00
		5500	100.000	100.000	100.00	0.00	0.00

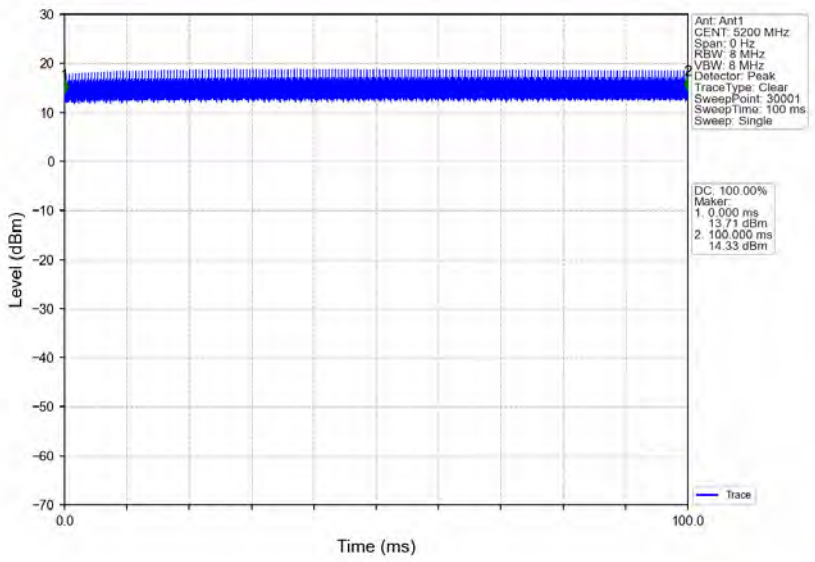
		5580	100.000	100.000	100.00	0.00	0.00
		5700	100.000	100.000	100.00	0.00	0.00
		5745	100.000	100.000	100.00	0.00	0.00
		5785	100.000	100.000	100.00	0.00	0.00
		5825	100.000	100.000	100.00	0.00	0.00
802.11ac (VHT40)	SISO	5190	100.000	100.000	100.00	0.00	0.00
		5230	100.000	100.000	100.00	0.00	0.00
		5270	100.000	100.000	100.00	0.00	0.00
		5310	100.000	100.000	100.00	0.00	0.00
		5510	100.000	100.000	100.00	0.00	0.00
		5550	100.000	100.000	100.00	0.00	0.00
		5670	100.000	100.000	100.00	0.00	0.00
		5755	100.000	100.000	100.00	0.00	0.00
		5795	100.000	100.000	100.00	0.00	0.00
802.11ac (VHT80)	SISO	5210	100.000	100.000	100.00	0.00	0.00
		5290	100.000	100.000	100.00	0.00	0.00
		5530	100.000	100.000	100.00	0.00	0.00
		5610	100.000	100.000	100.00	0.00	0.00
		5775	100.000	100.000	100.00	0.00	0.00

1.1.2 Test Graph

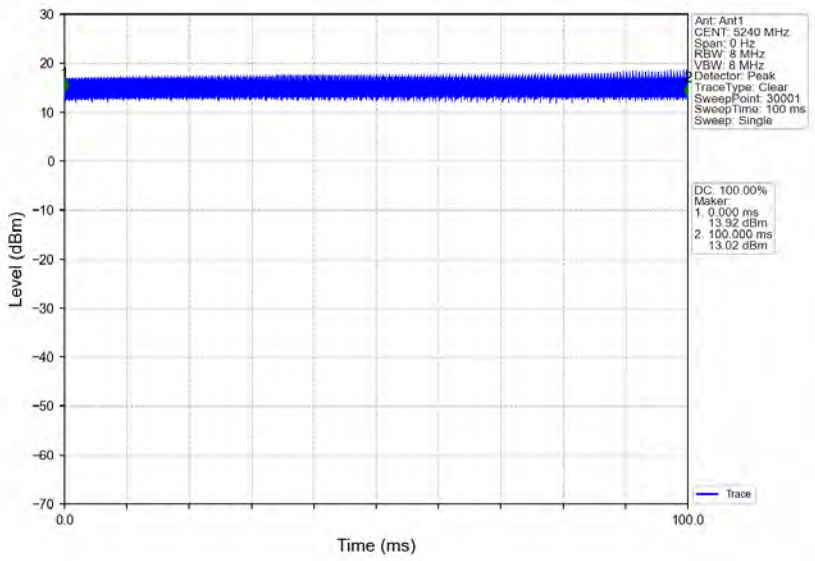
802.11a_LCH_5180MHz_Ant1_NTNV



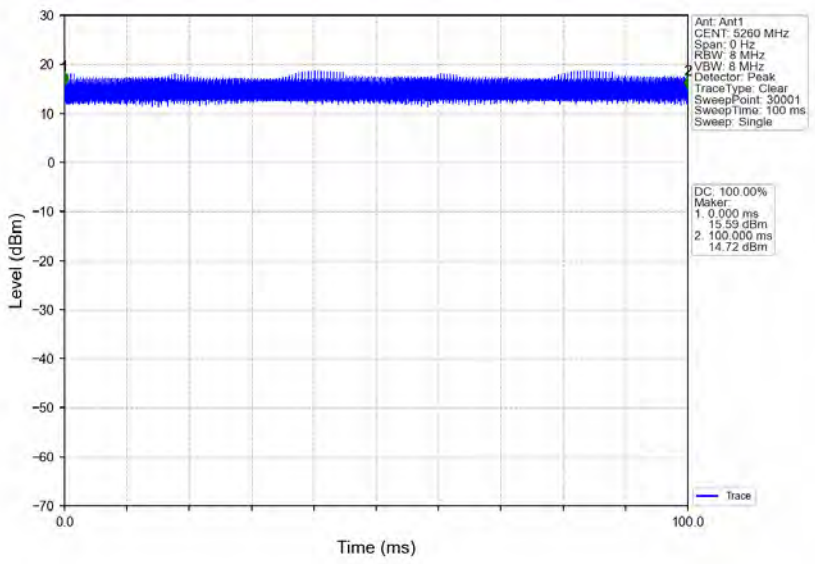
802.11a_MCH_5200MHz_Ant1_NTNV



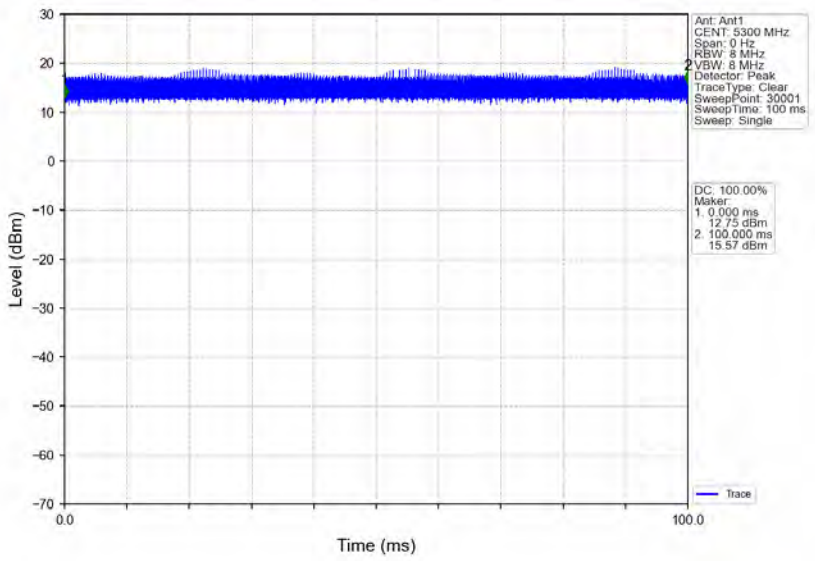
802.11a_HCH_5240MHz_Ant1_NTNV



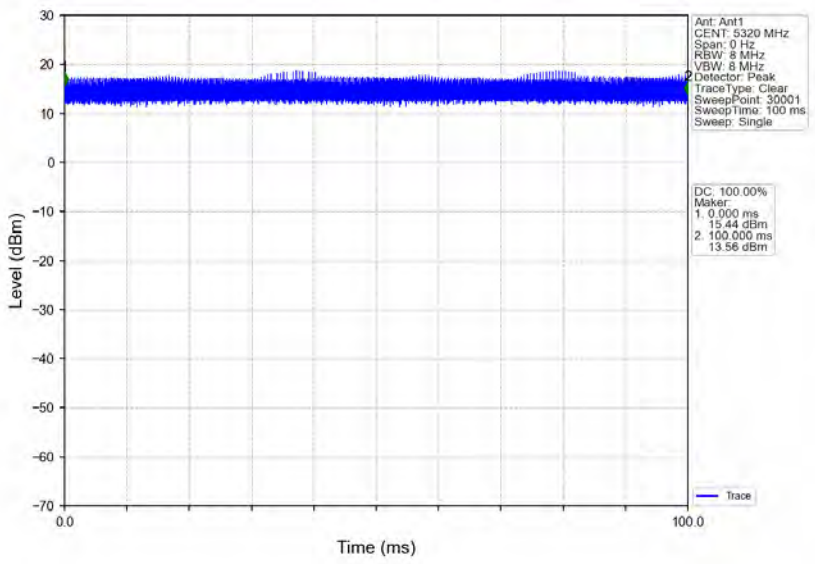
802.11a_LCH_5260MHz_Ant1_NTNV



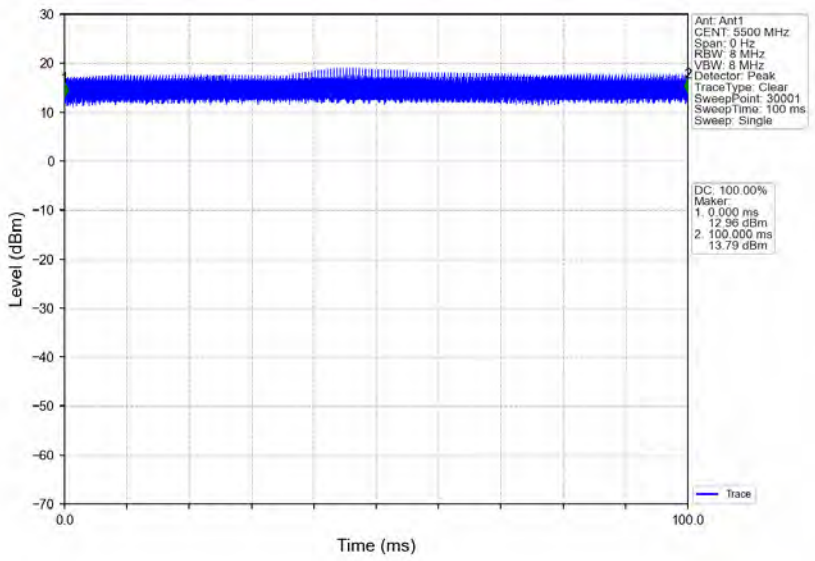
802.11a_MCH_5300MHz_Ant1_NTNV



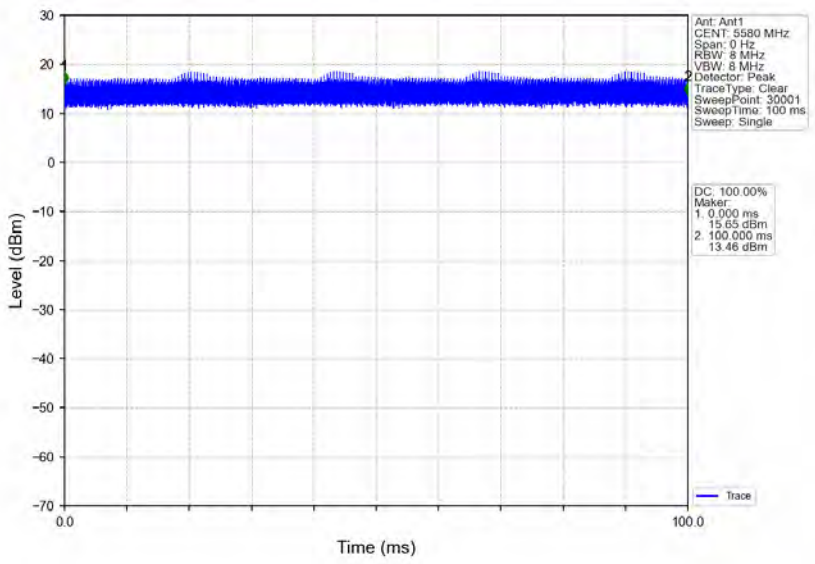
802.11a_HCH_5320MHz_Ant1_NTNV



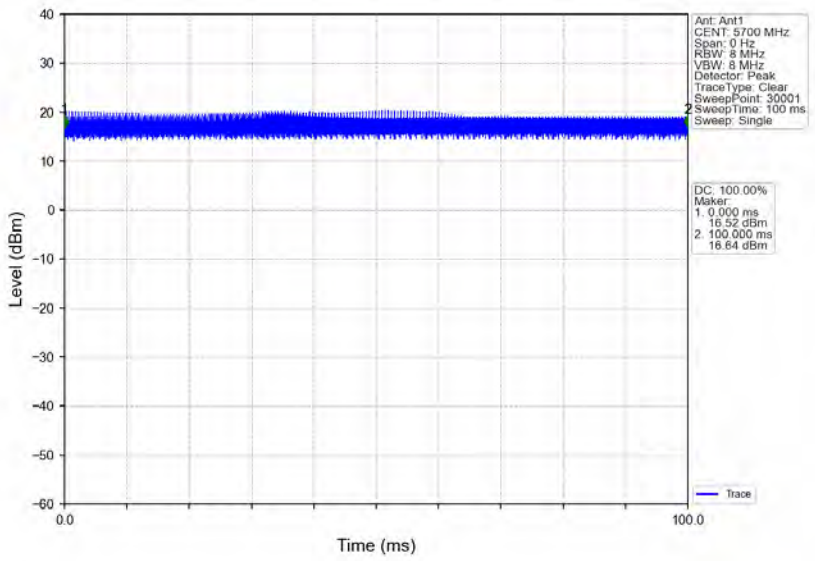
802.11a_LCH_5500MHz_Ant1_NTNV



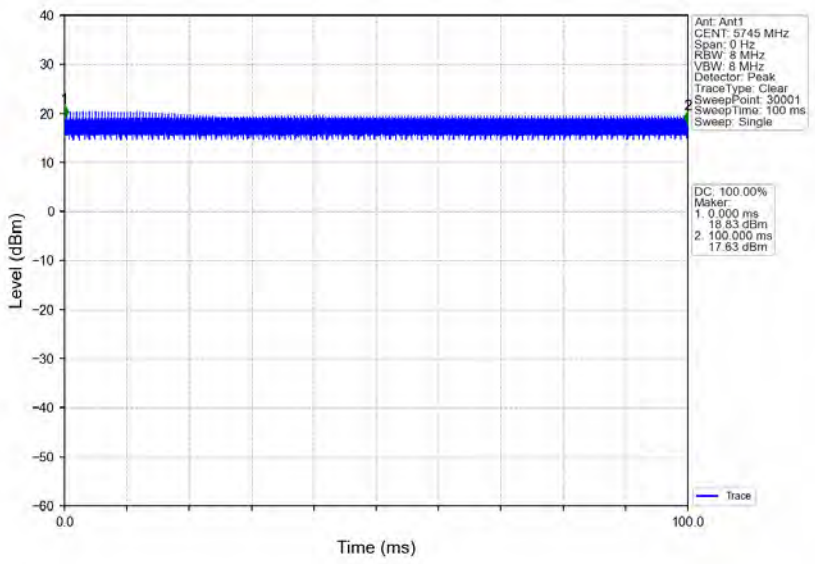
802.11a_MCH_5580MHz_Ant1_NTNV



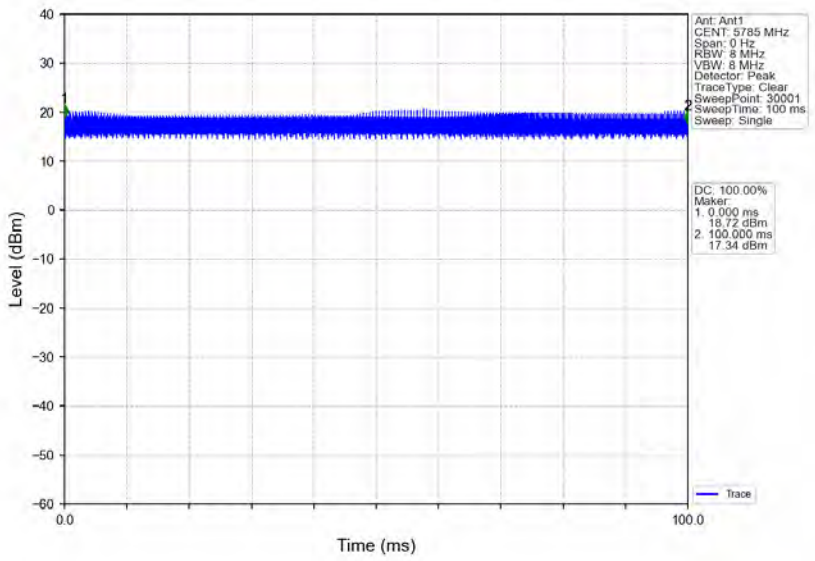
802.11a_HCH_5700MHz_Ant1_NTNV



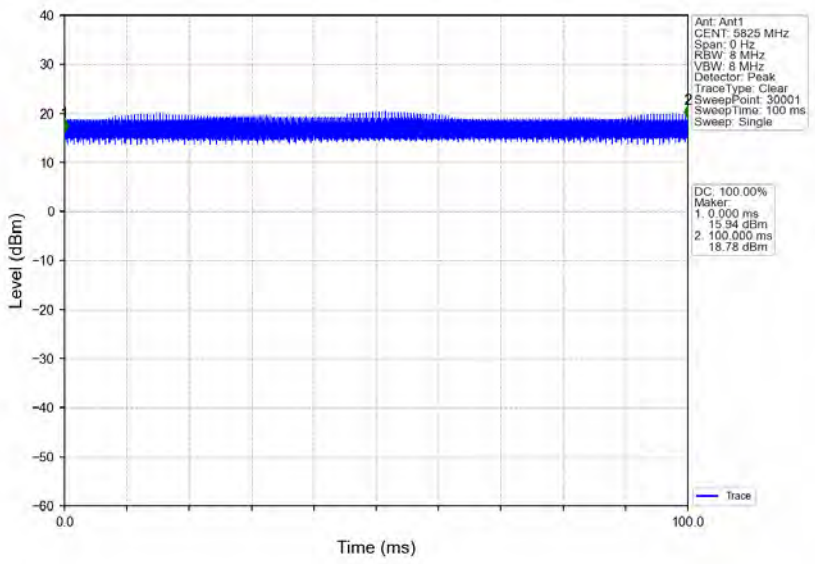
802.11a_LCH_5745MHz_Ant1_NTNV



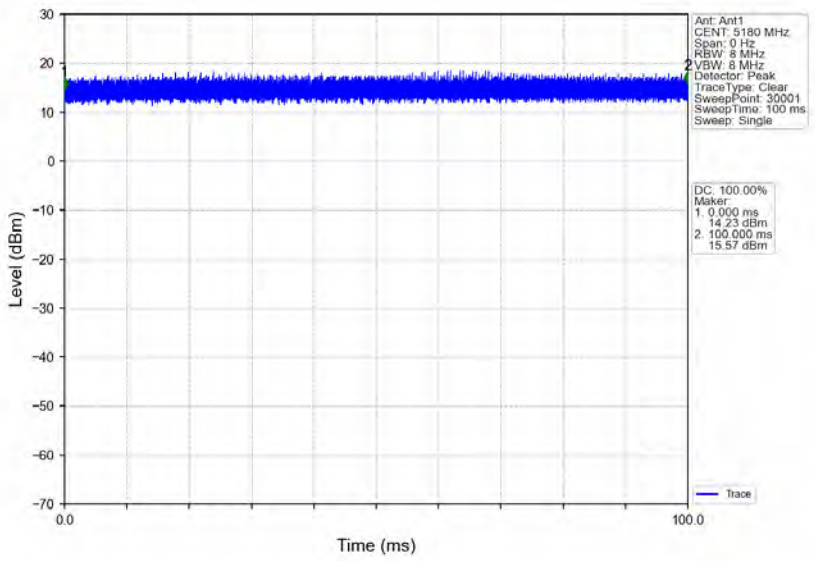
802.11a_MCH_5785MHz_Ant1_NTNV



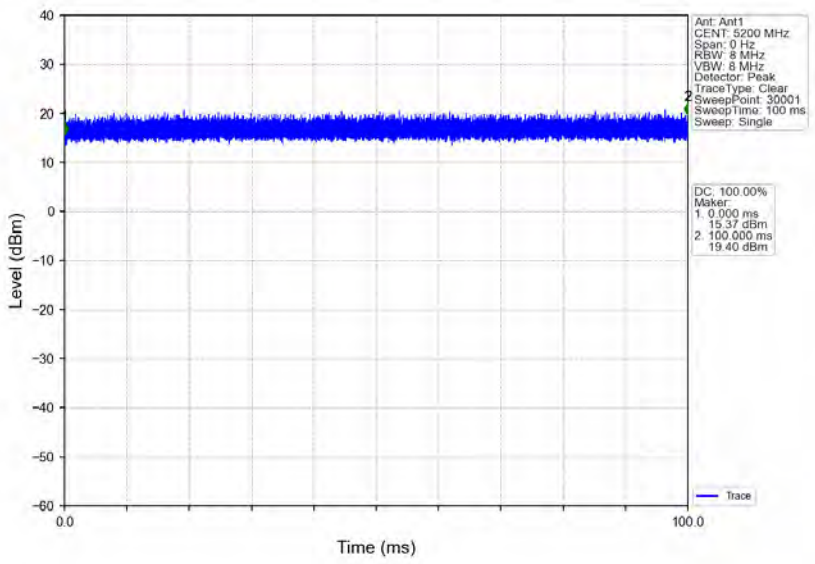
802.11a_HCH_5825MHz_Ant1_NTNV



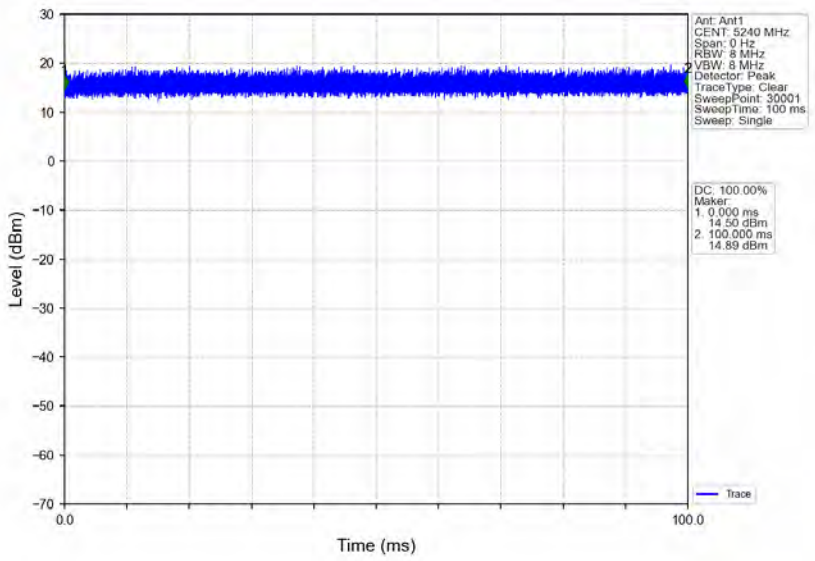
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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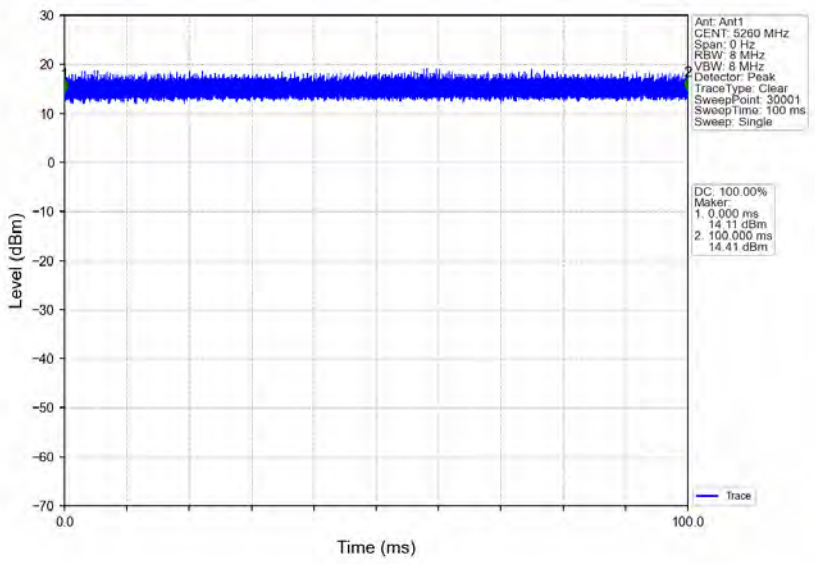

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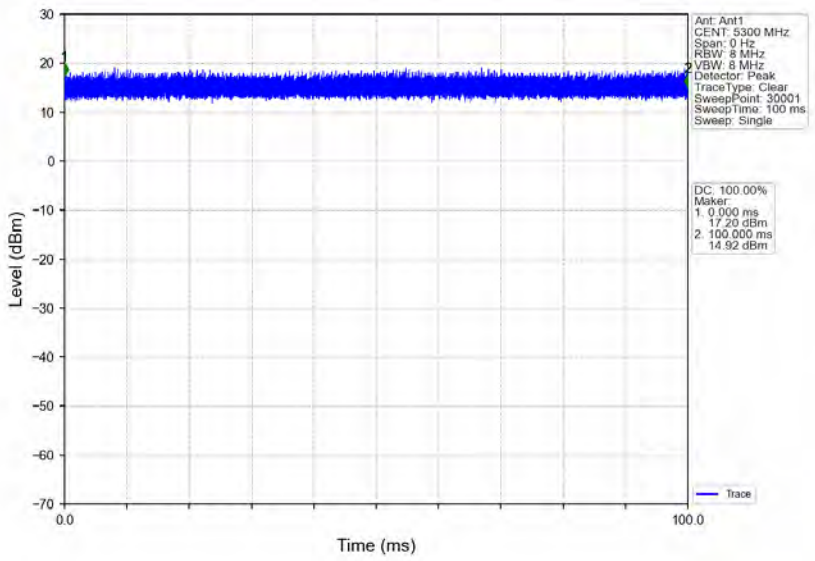

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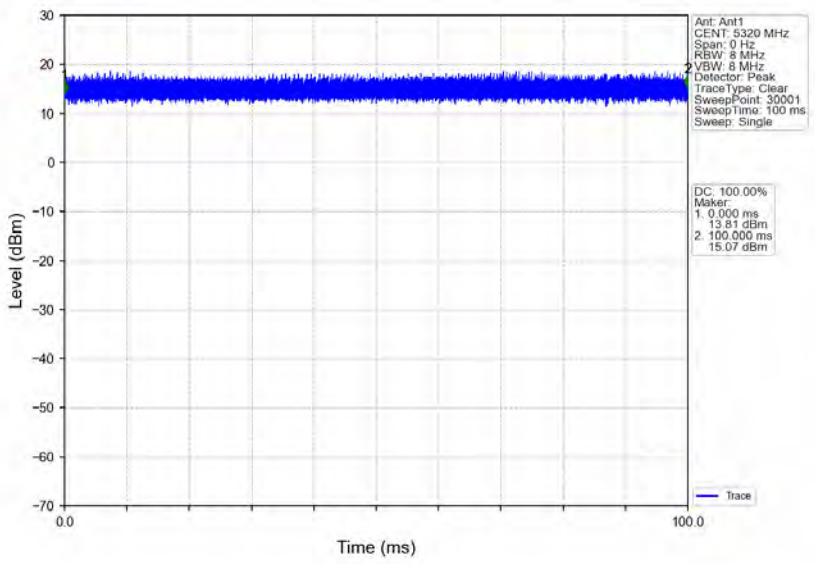

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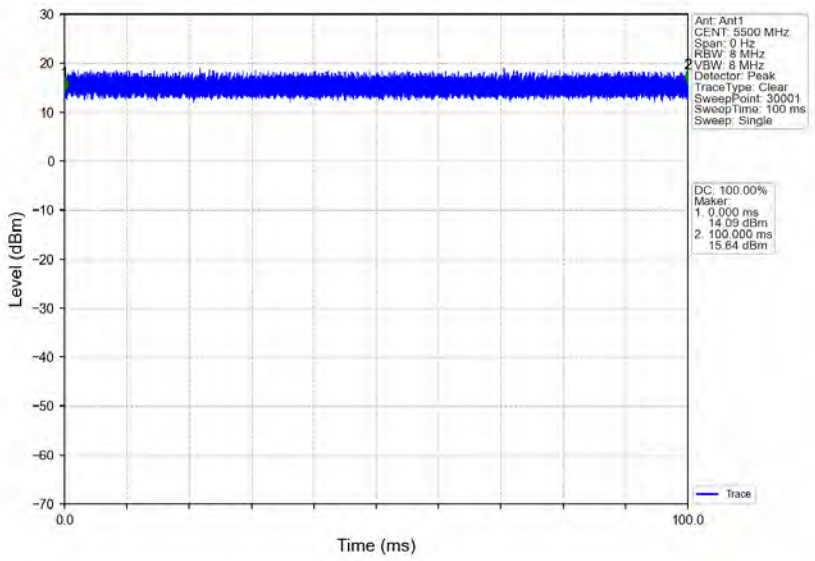

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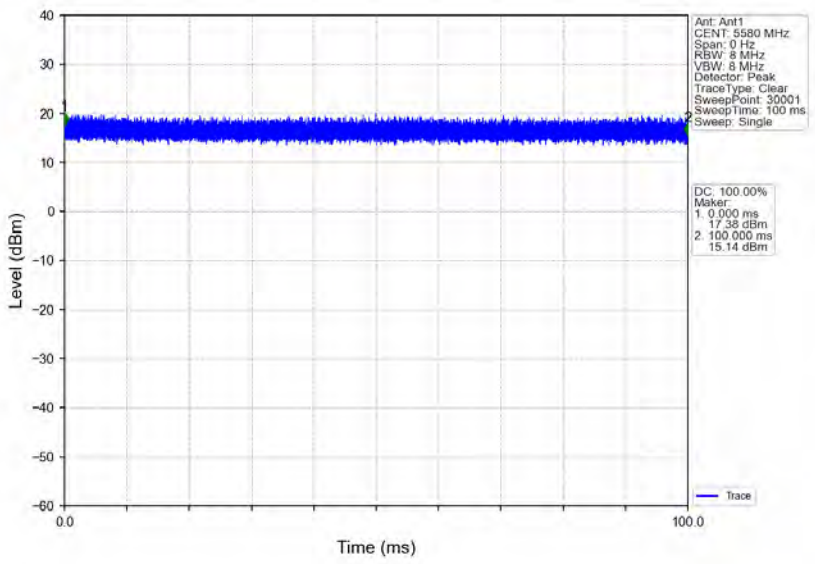

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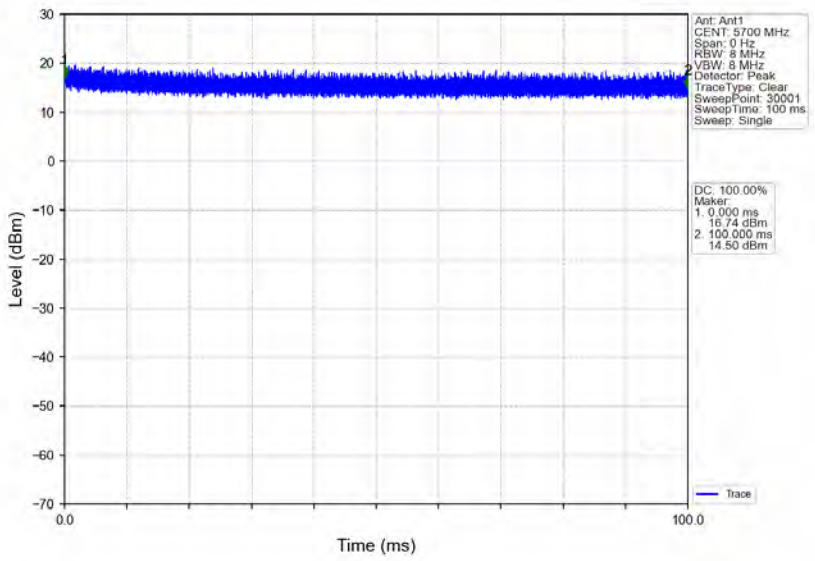

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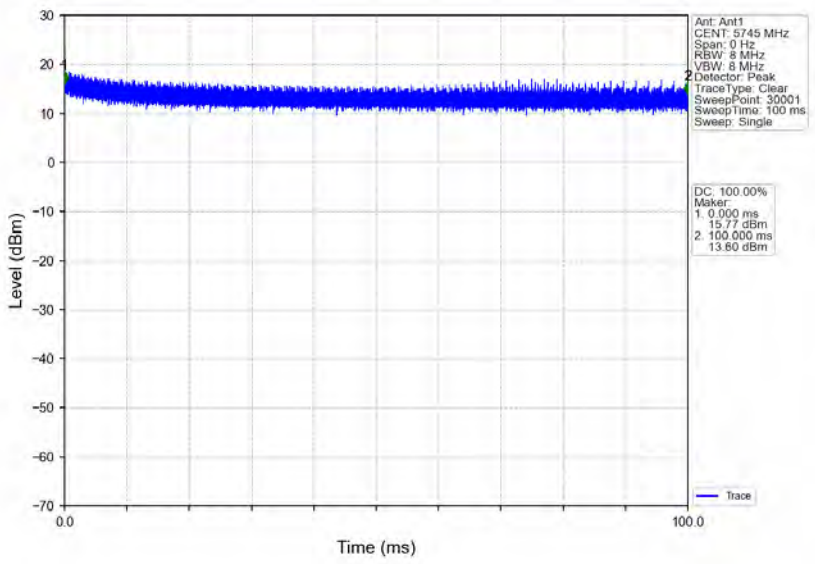

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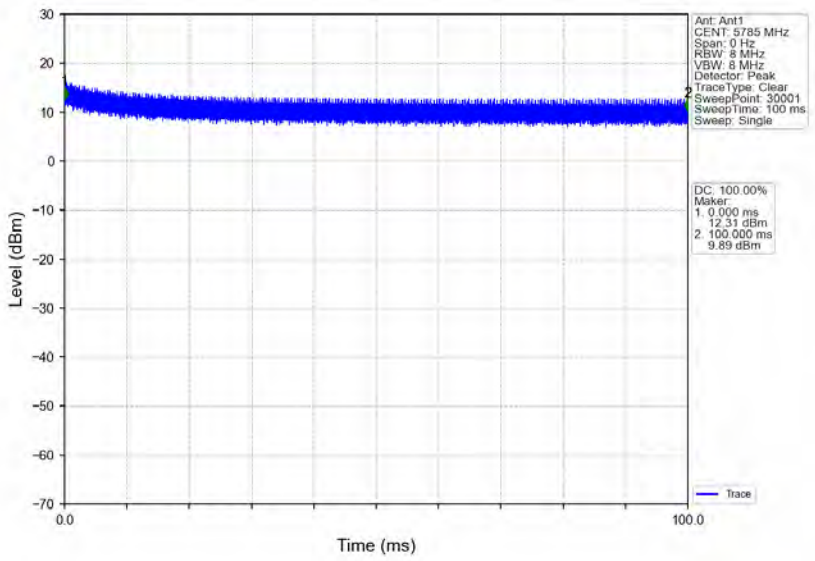

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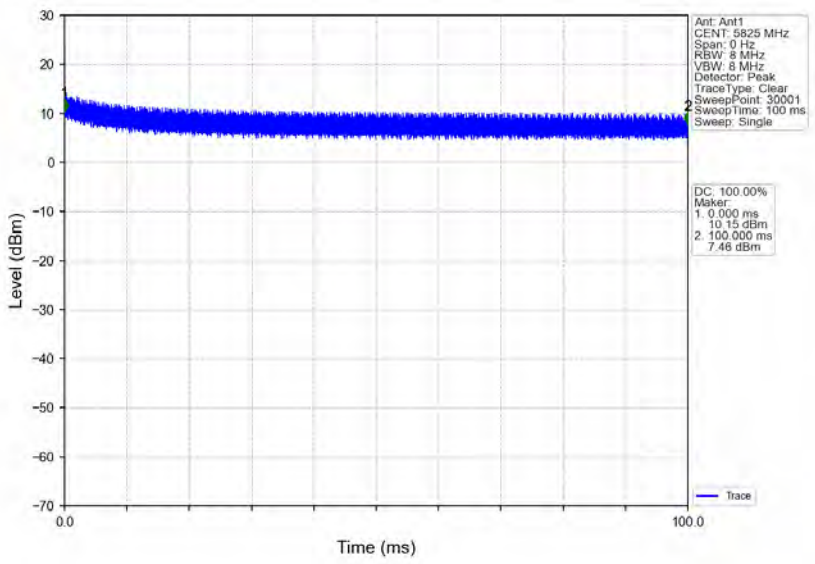

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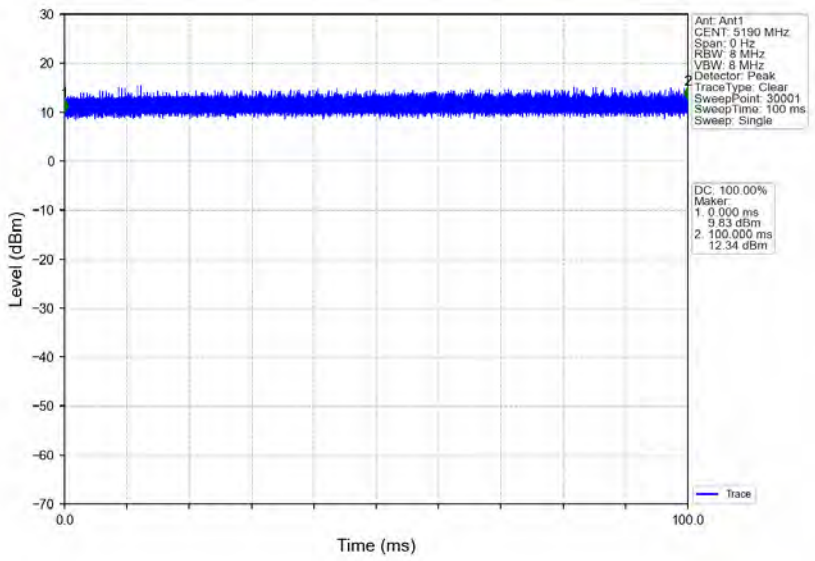

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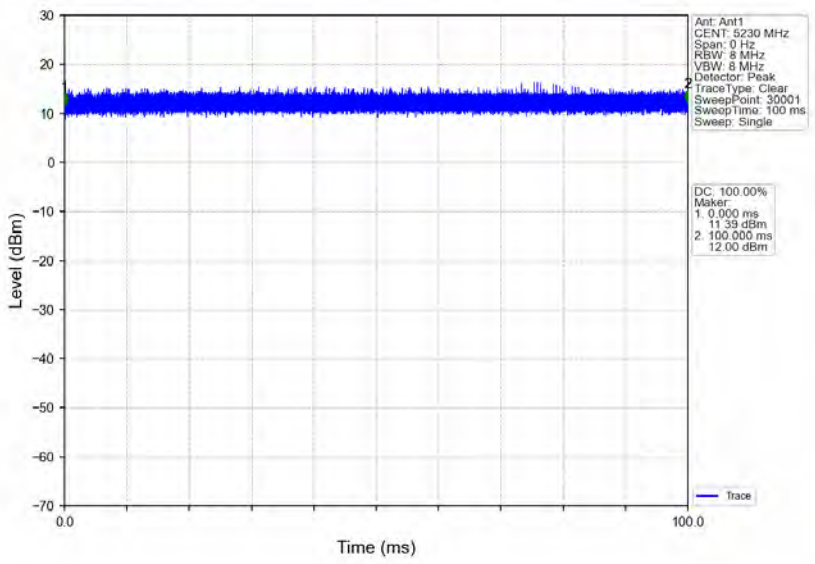

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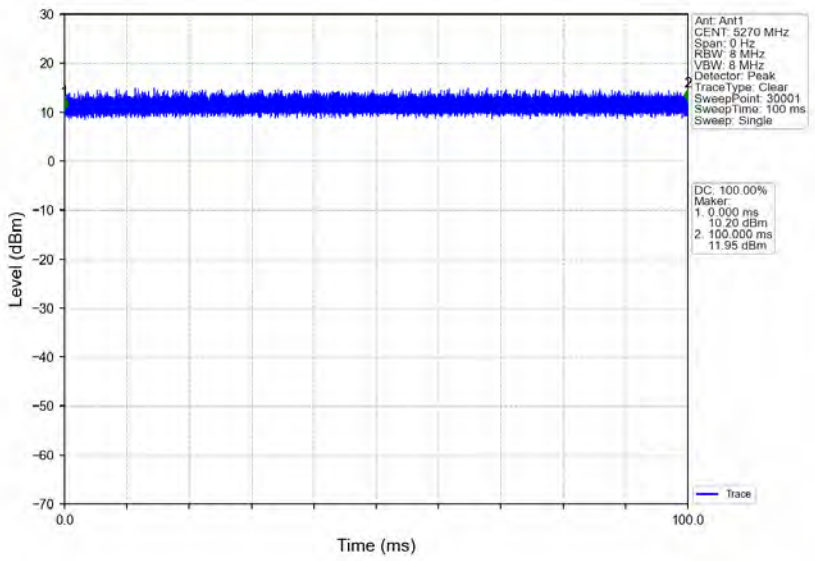

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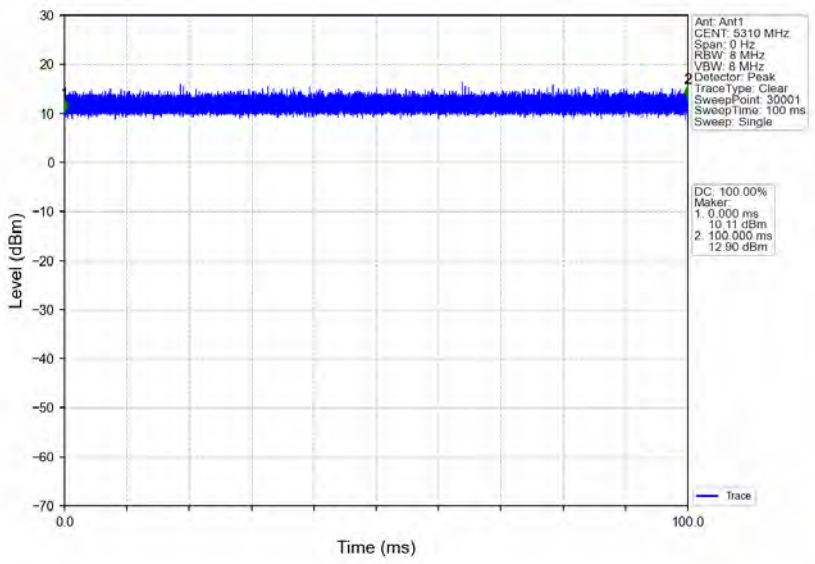
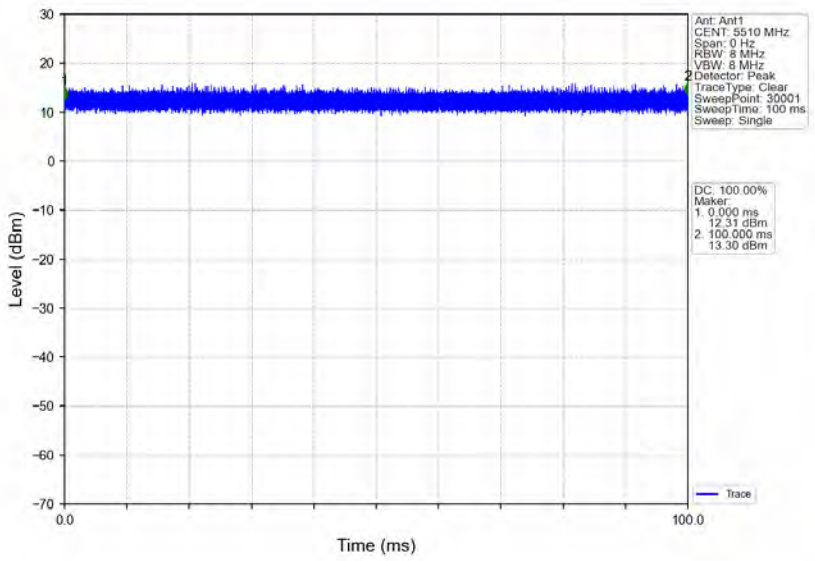


802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



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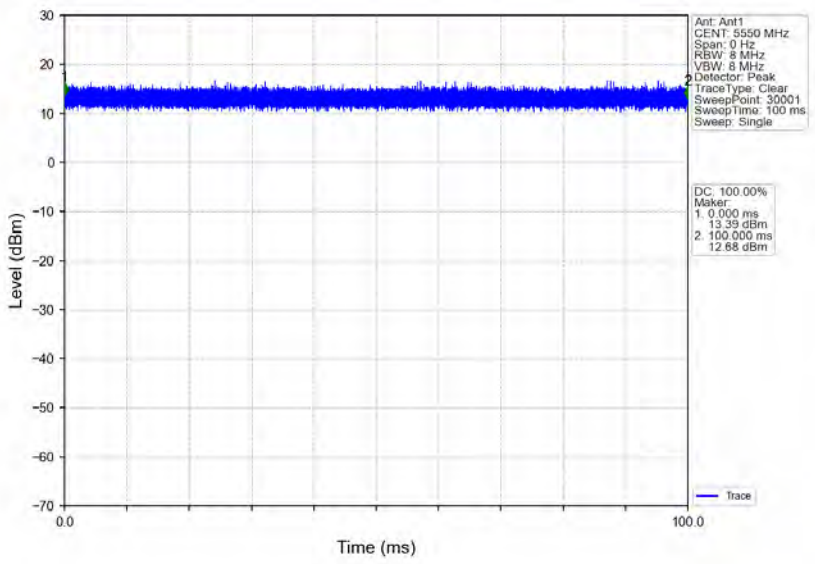
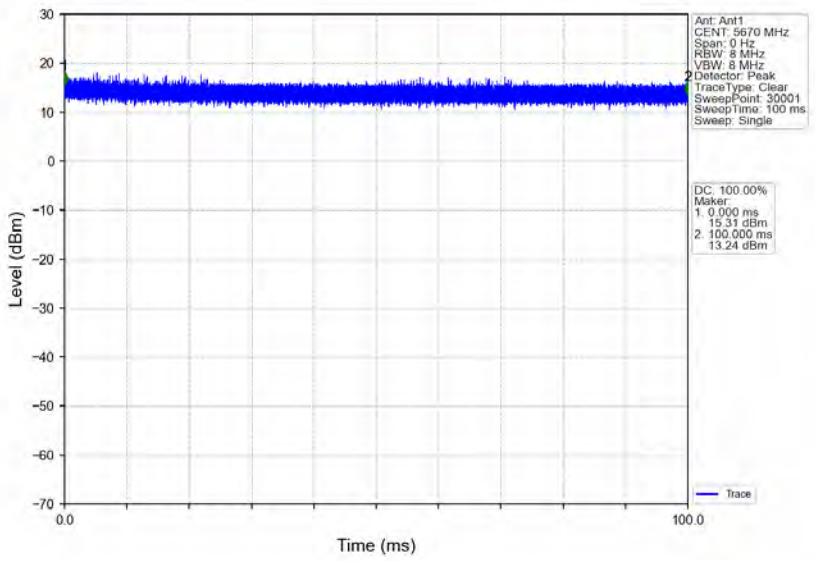


802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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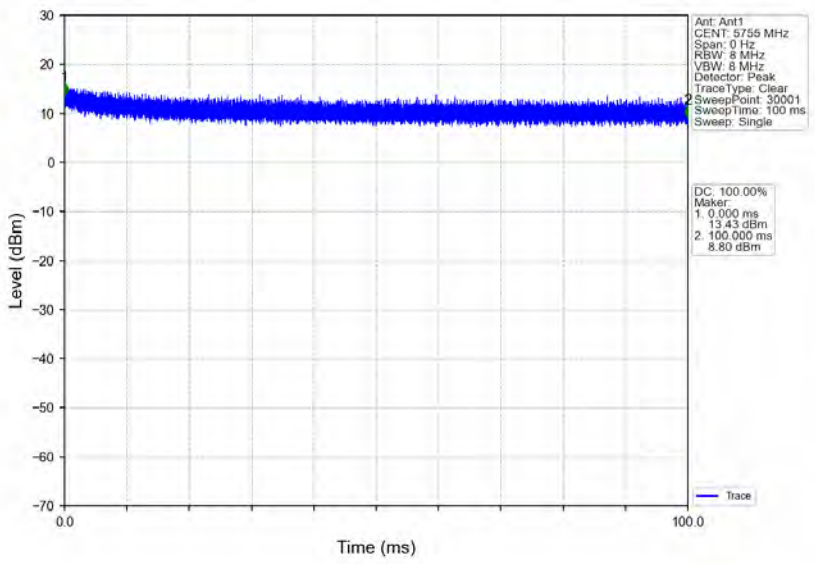

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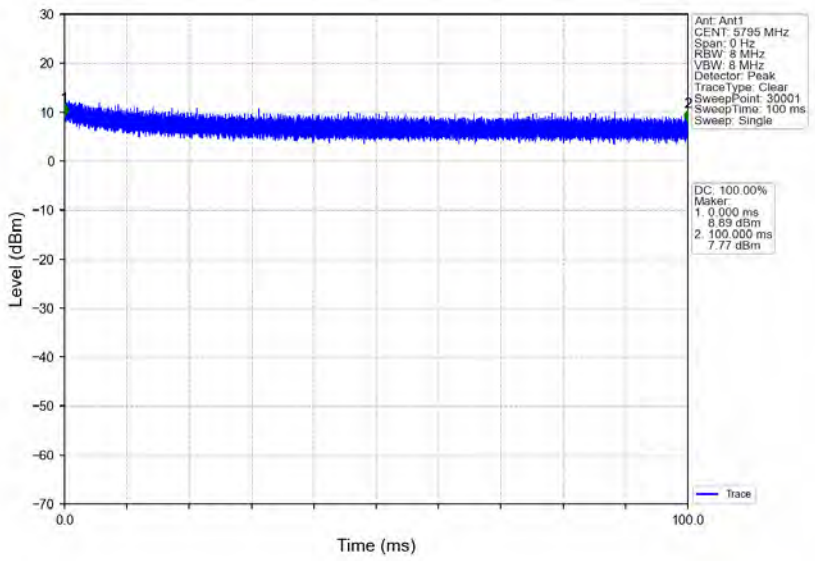

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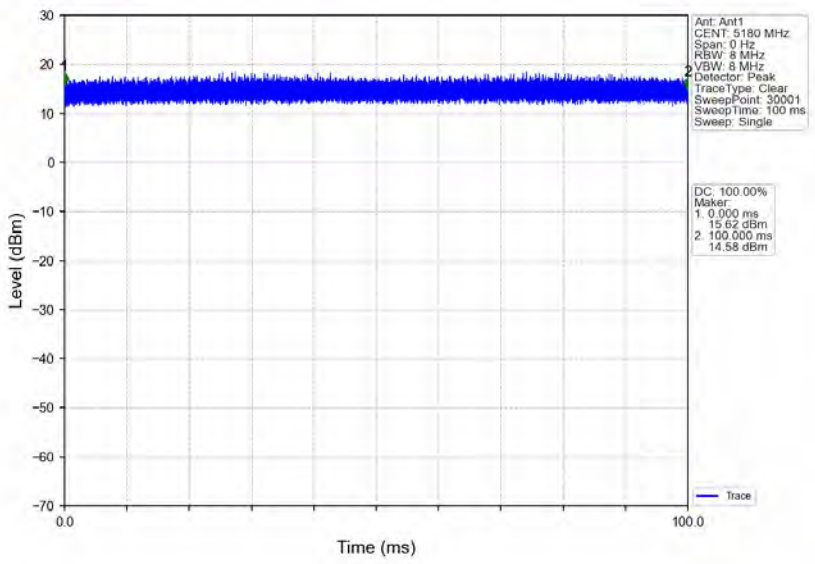

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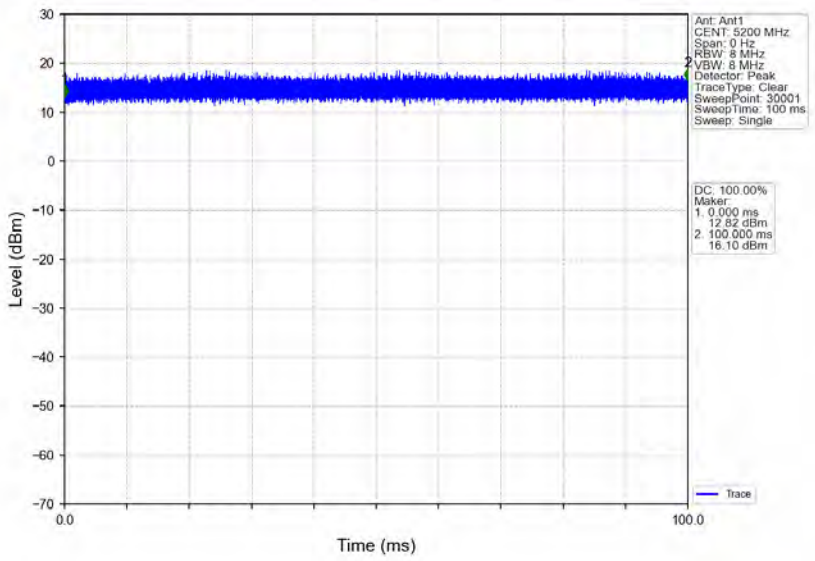

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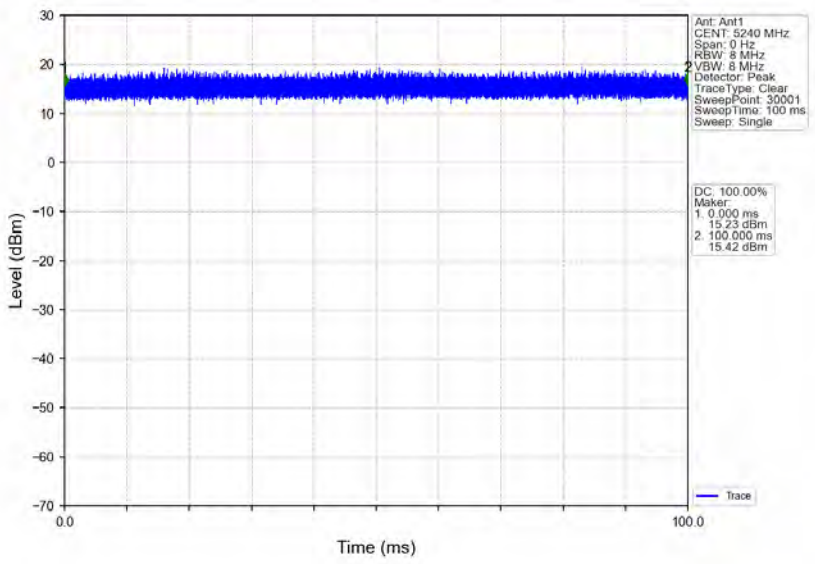
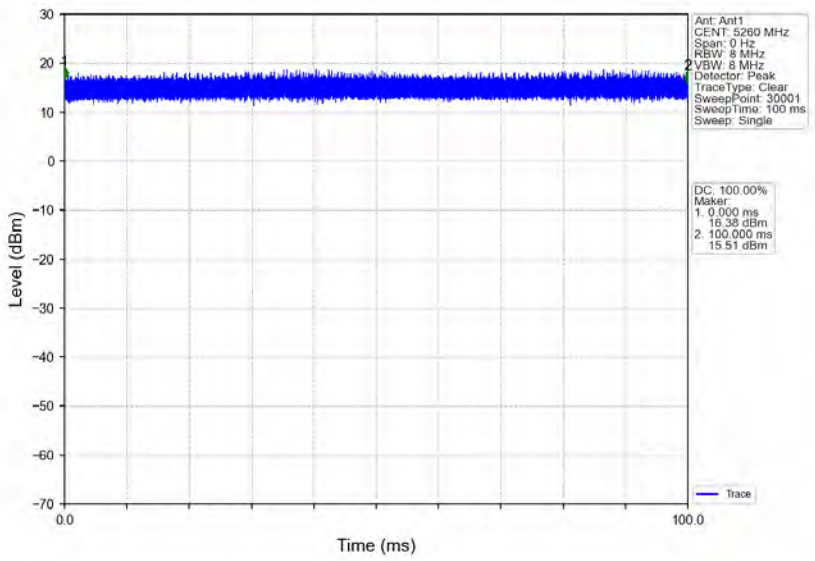


802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



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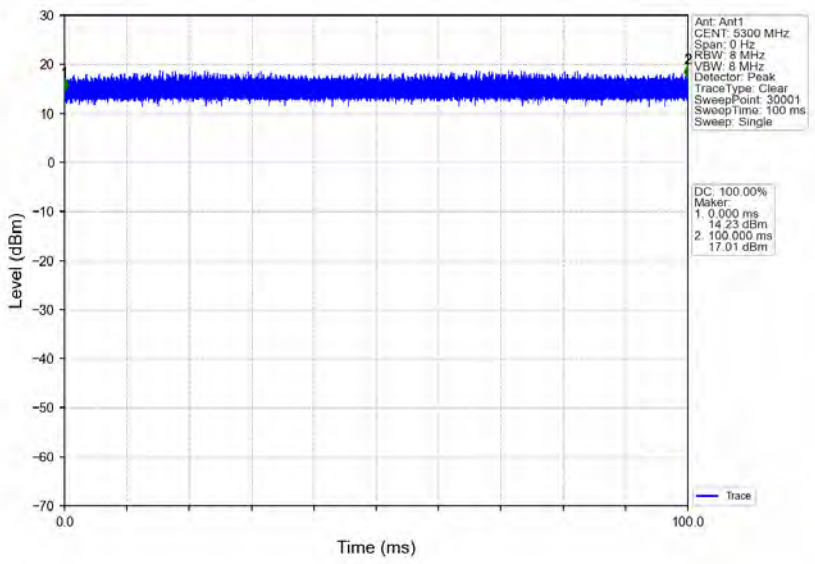

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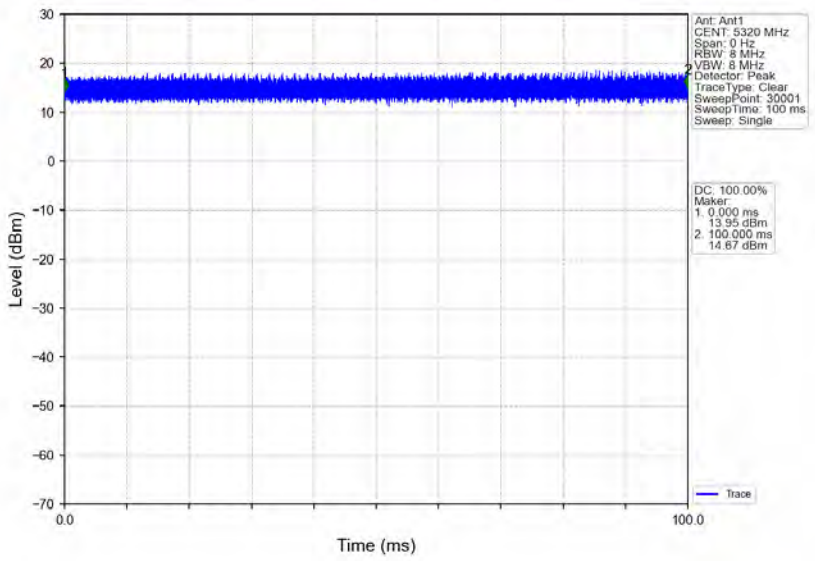
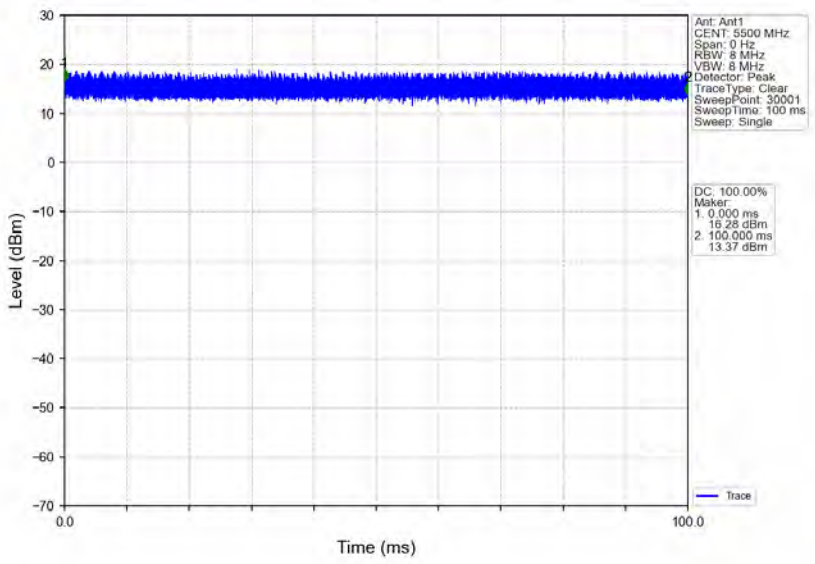


802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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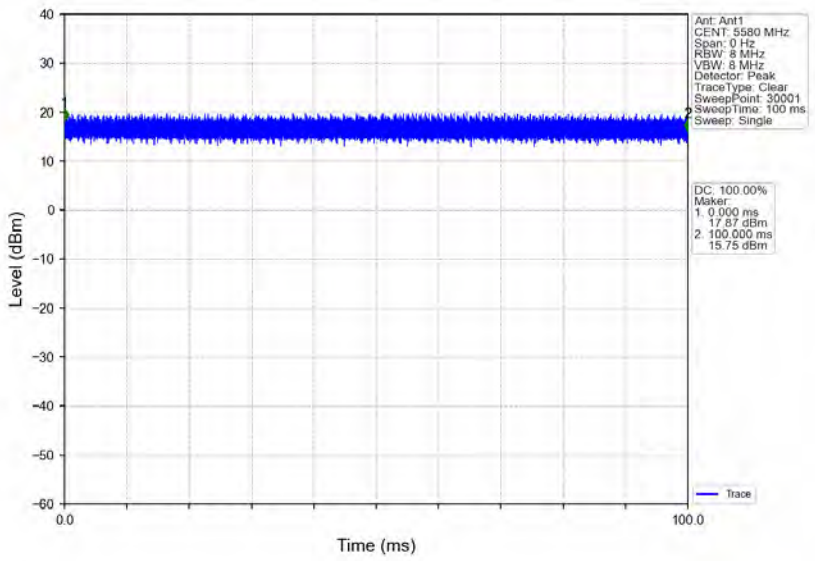

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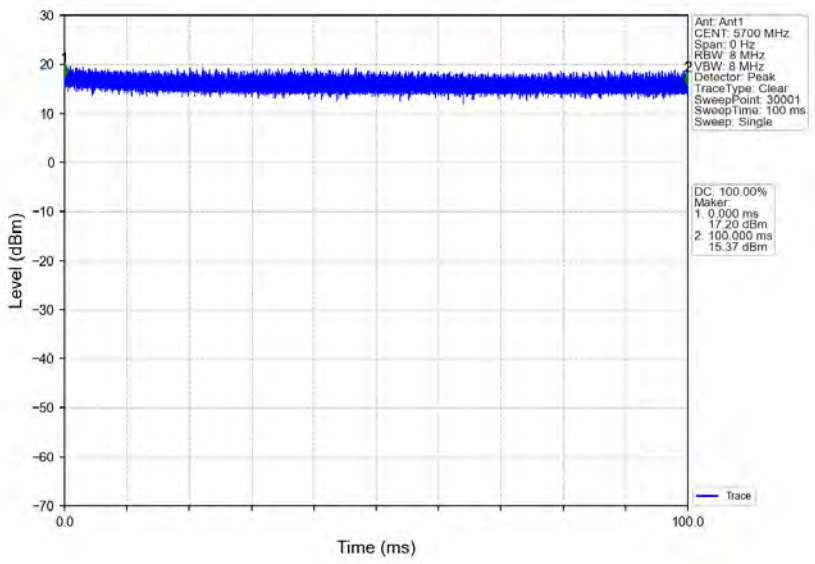

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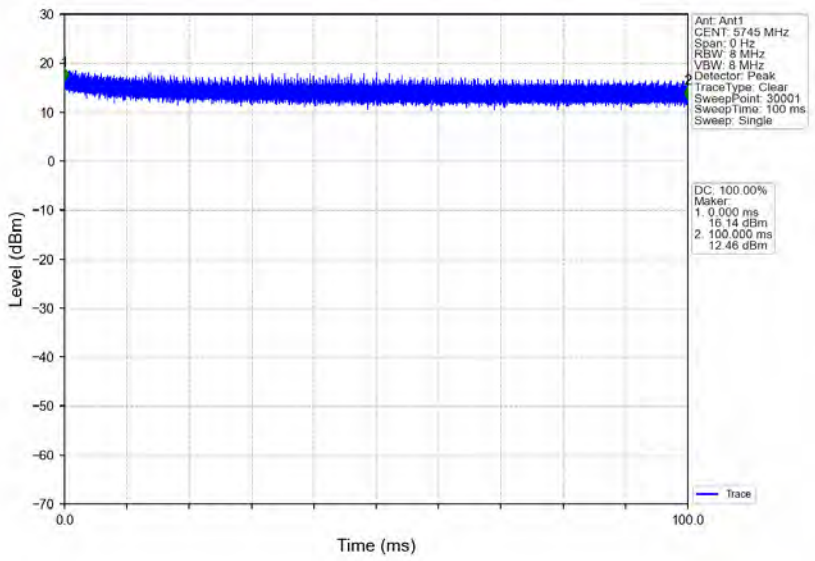

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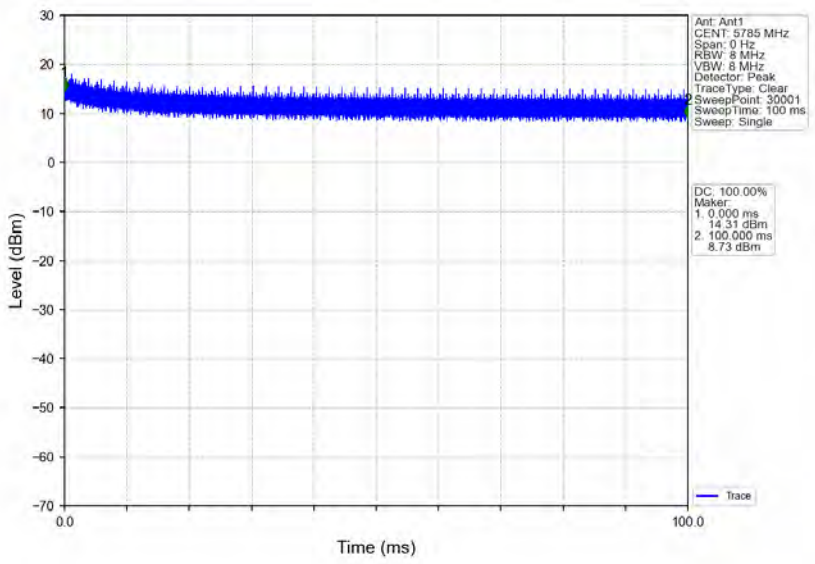

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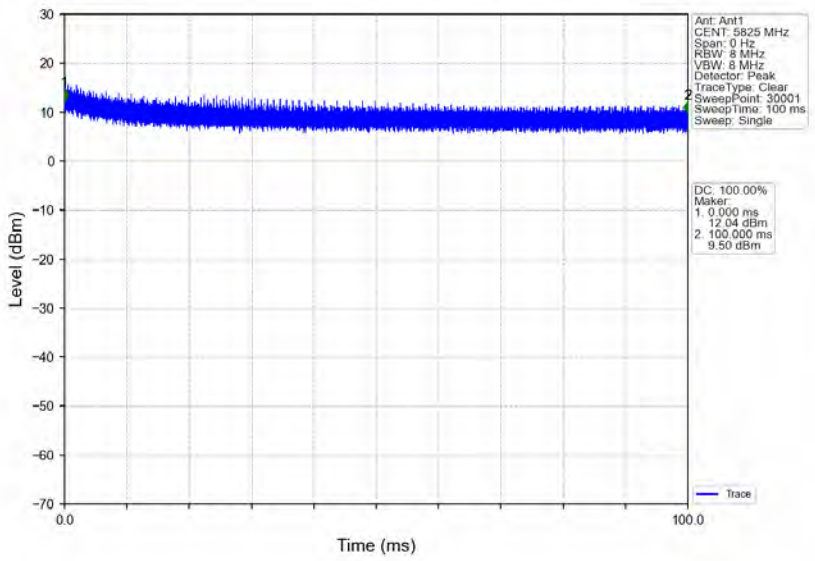

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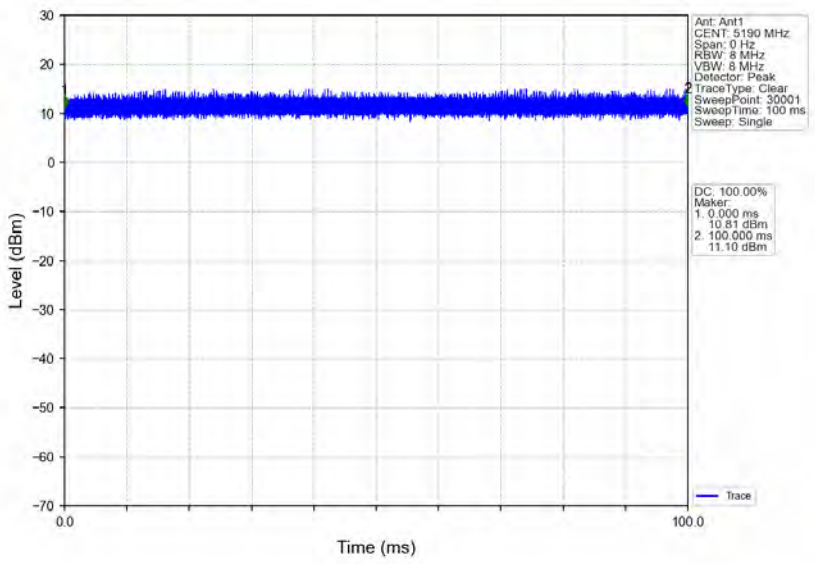

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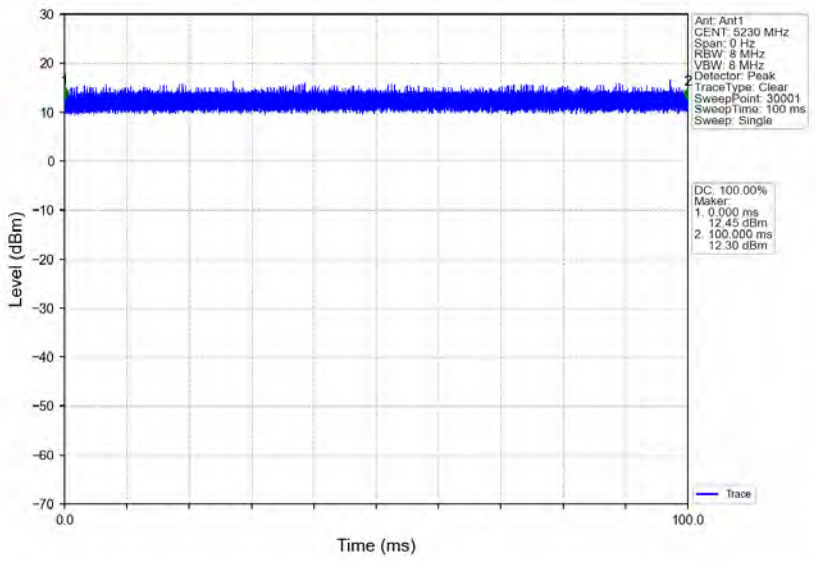

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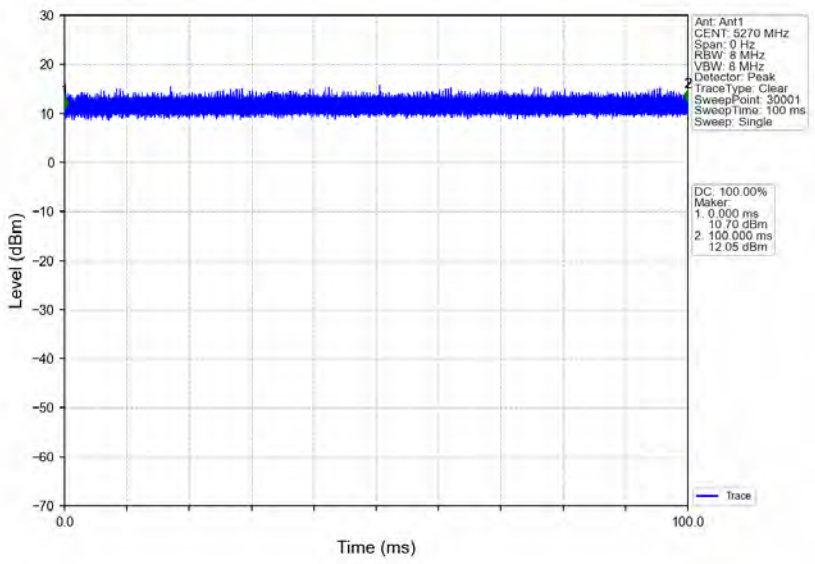

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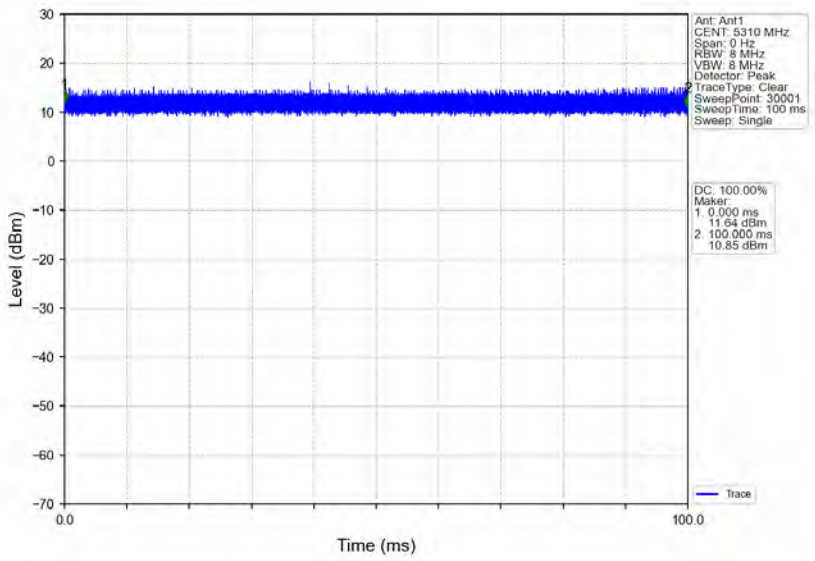

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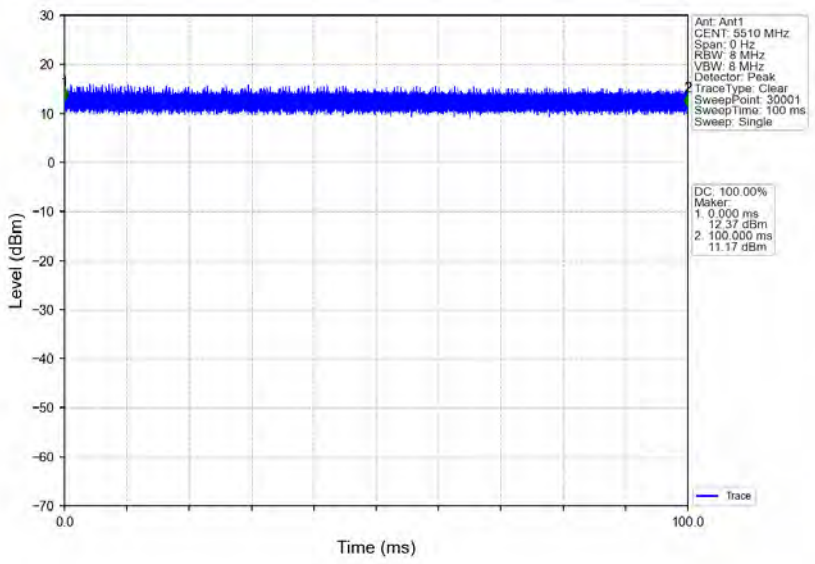

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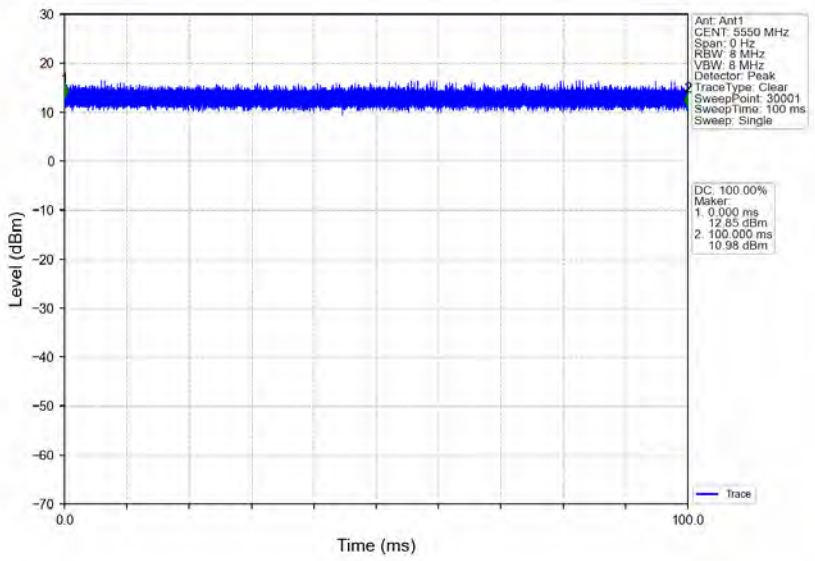

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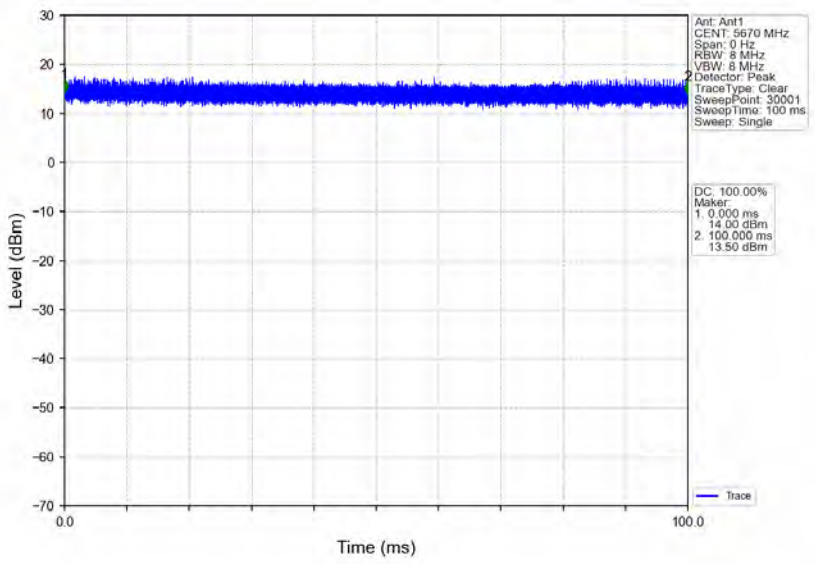

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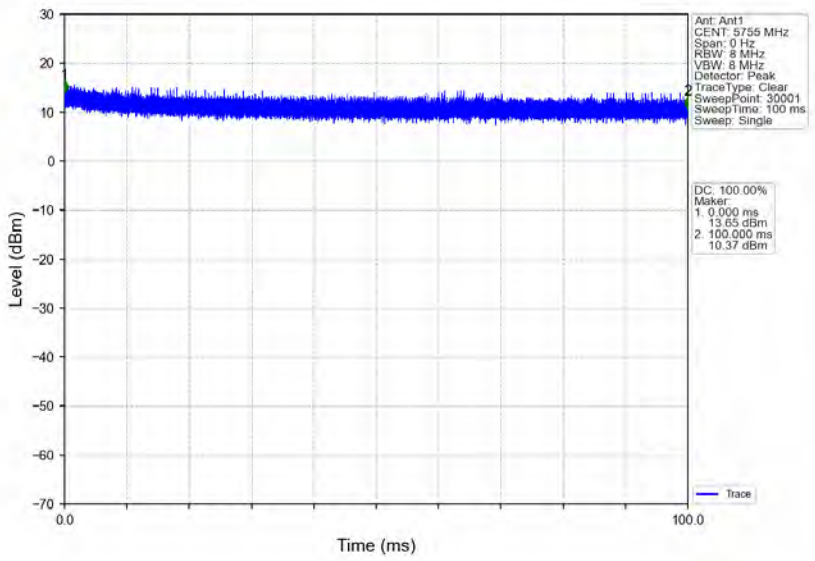

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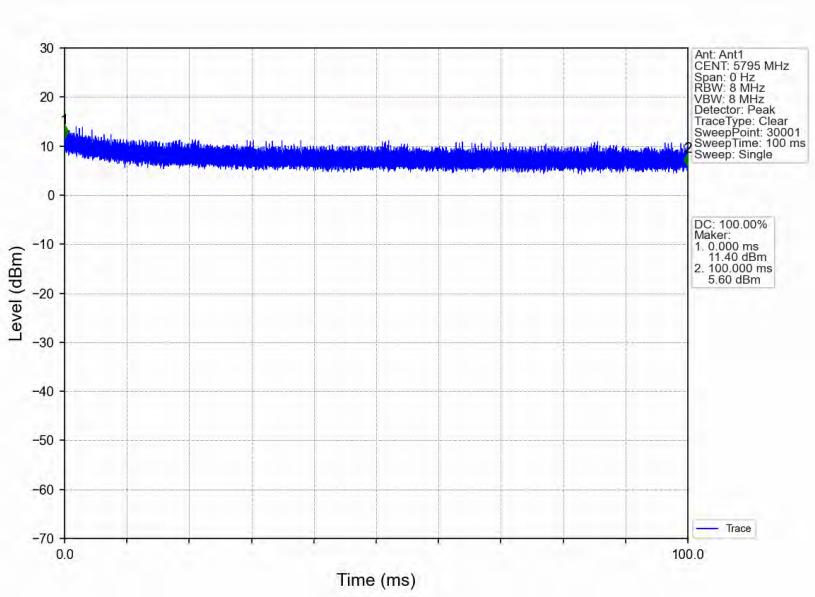

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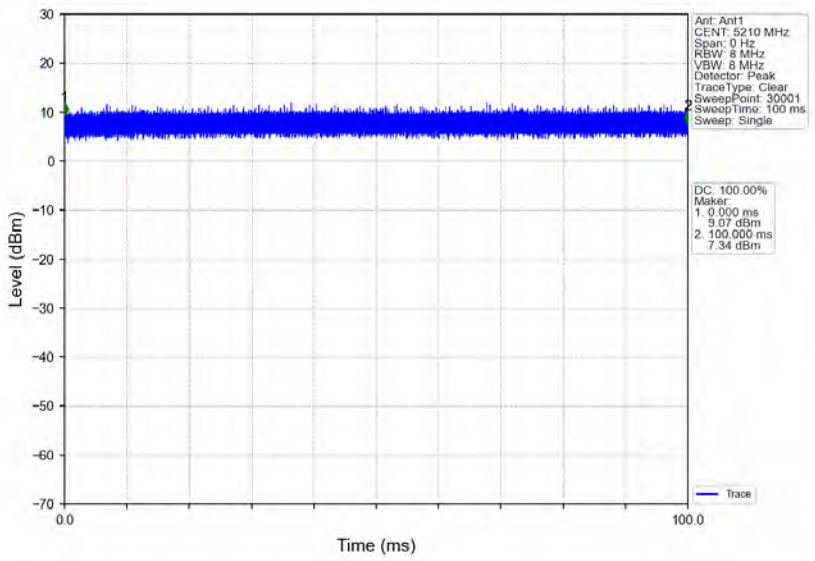

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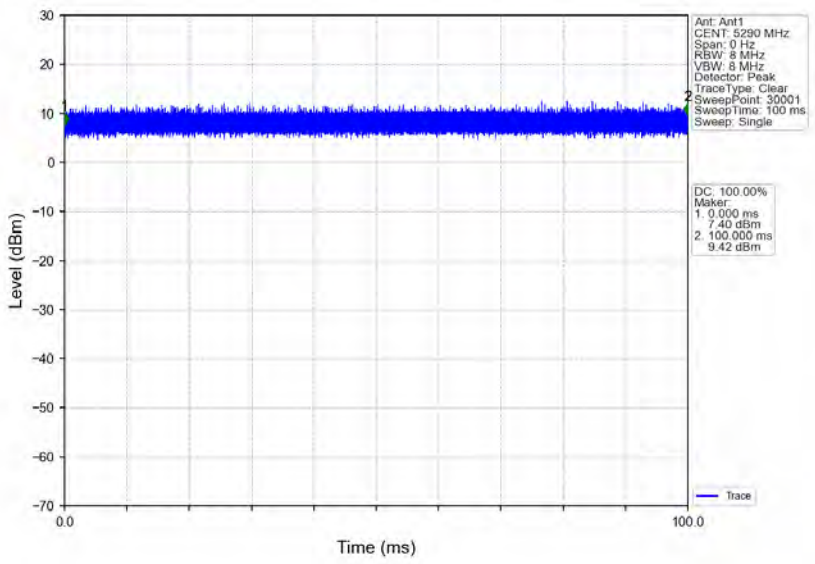

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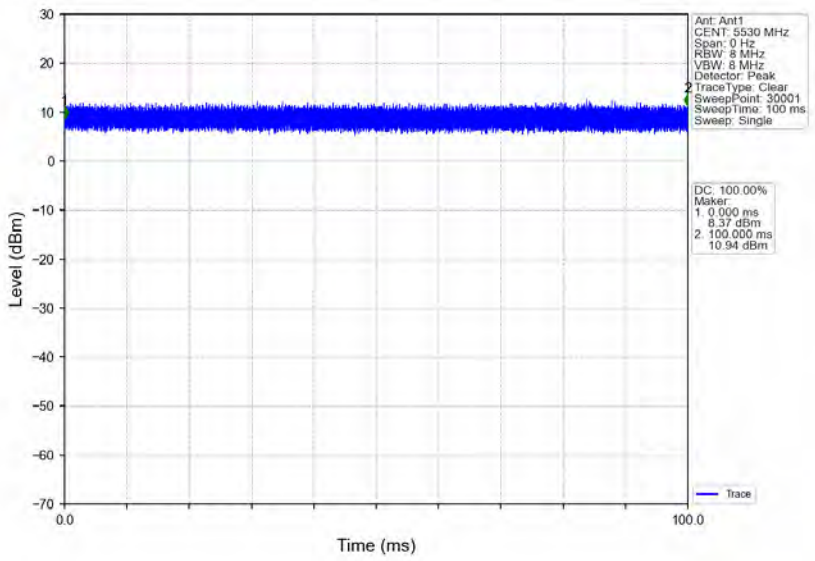

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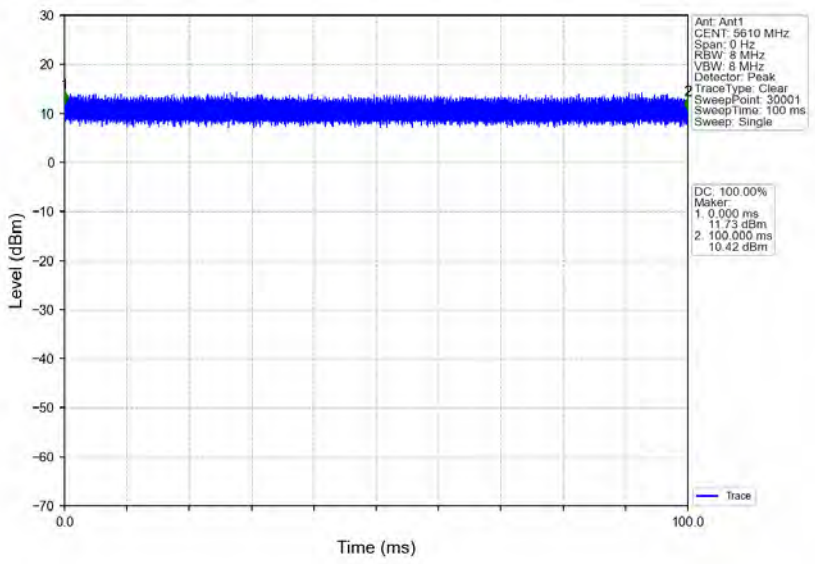

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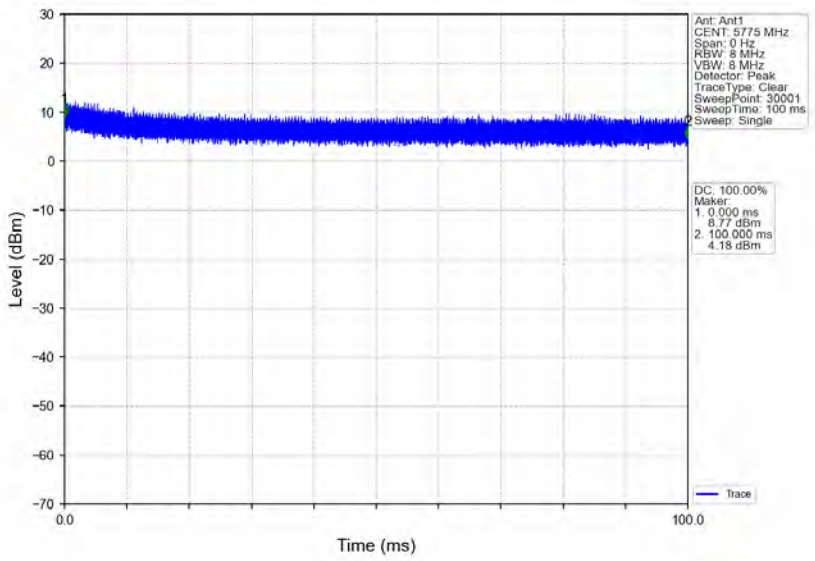


2. Bandwidth

2.1 OBW

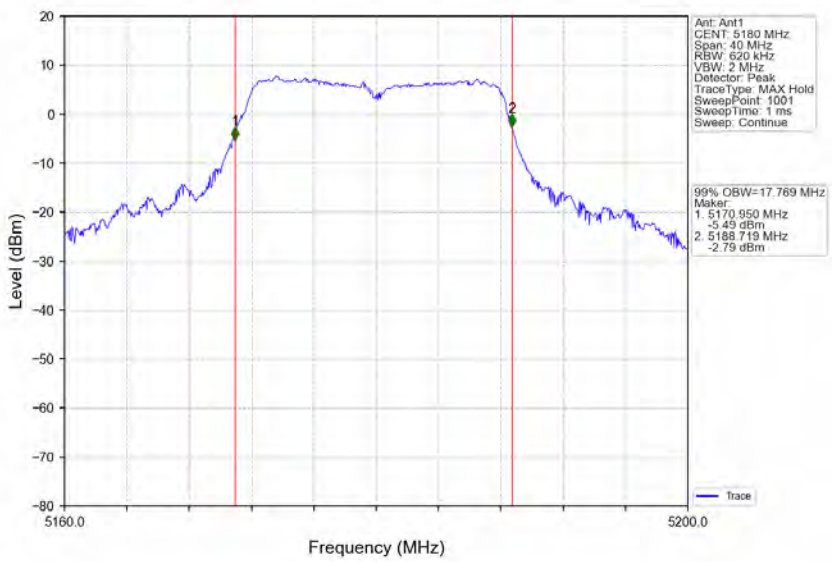
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.769	/	Pass
		5200	1	17.551	/	Pass
		5240	1	17.602	/	Pass
		5260	1	17.585	/	Pass
		5300	1	17.577	/	Pass
		5320	1	17.566	/	Pass
		5500	1	18.684	/	Pass
		5580	1	18.258	/	Pass
		5700	1	18.108	/	Pass
		5745	1	17.946	/	Pass
		5785	1	17.676	/	Pass
		5825	1	17.560	/	Pass
802.11n (HT20)	SISO	5180	1	18.497	/	Pass
		5200	1	18.585	/	Pass
		5240	1	18.500	/	Pass
		5260	1	18.503	/	Pass
		5300	1	18.479	/	Pass
		5320	1	18.466	/	Pass
		5500	1	18.427	/	Pass
		5580	1	18.812	/	Pass
		5700	1	18.892	/	Pass
		5745	1	18.731	/	Pass
		5785	1	18.477	/	Pass
		5825	1	18.402	/	Pass
802.11n (HT40)	SISO	5190	1	37.079	/	Pass
		5230	1	36.963	/	Pass
		5270	1	37.198	/	Pass
		5310	1	37.026	/	Pass
		5510	1	37.124	/	Pass
		5550	1	37.284	/	Pass
		5670	1	38.129	/	Pass
		5755	1	37.276	/	Pass
		5795	1	37.301	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.544	/	Pass
		5200	1	18.487	/	Pass
		5240	1	18.506	/	Pass
		5260	1	18.497	/	Pass
		5300	1	18.475	/	Pass
		5320	1	18.460	/	Pass
		5500	1	22.590	/	Pass
		5580	1	28.136	/	Pass

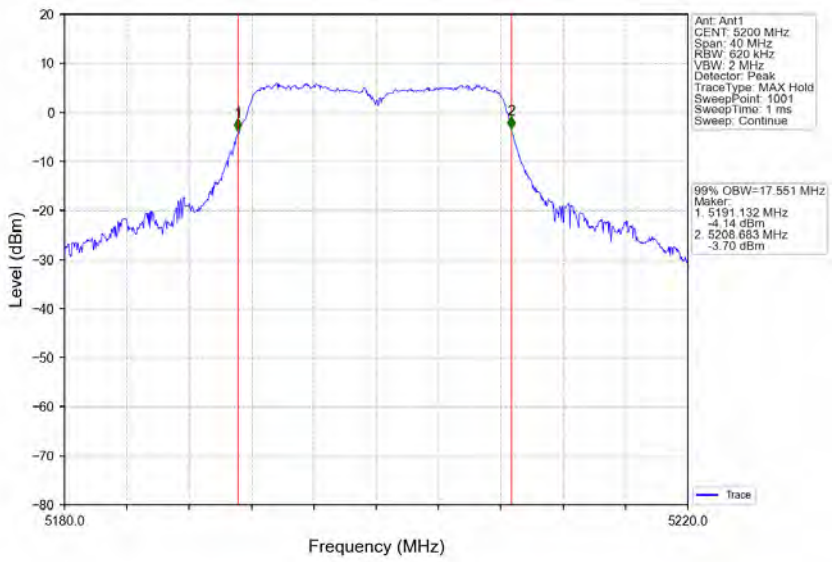
		5700	1	27.972	/	Pass
		5745	1	18.770	/	Pass
		5785	1	18.503	/	Pass
		5825	1	18.419	/	Pass
802.11ac (VHT40)	SISO	5190	1	37.116	/	Pass
		5230	1	36.989	/	Pass
		5270	1	37.249	/	Pass
		5310	1	36.996	/	Pass
		5510	1	43.186	/	Pass
		5550	1	46.517	/	Pass
		5670	1	51.010	/	Pass
		5755	1	37.328	/	Pass
		5795	1	37.311	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.544	/	Pass
		5290	1	76.427	/	Pass
		5530	1	77.602	/	Pass
		5610	1	77.100	/	Pass
		5775	1	76.702	/	Pass

2.1.2 Test Graph

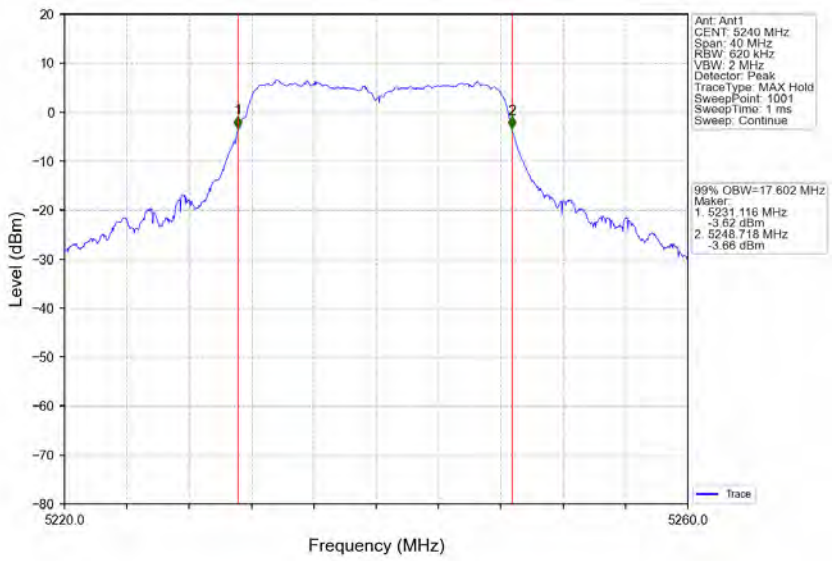
802.11a_LCH_5180MHz_Ant1_NTNV



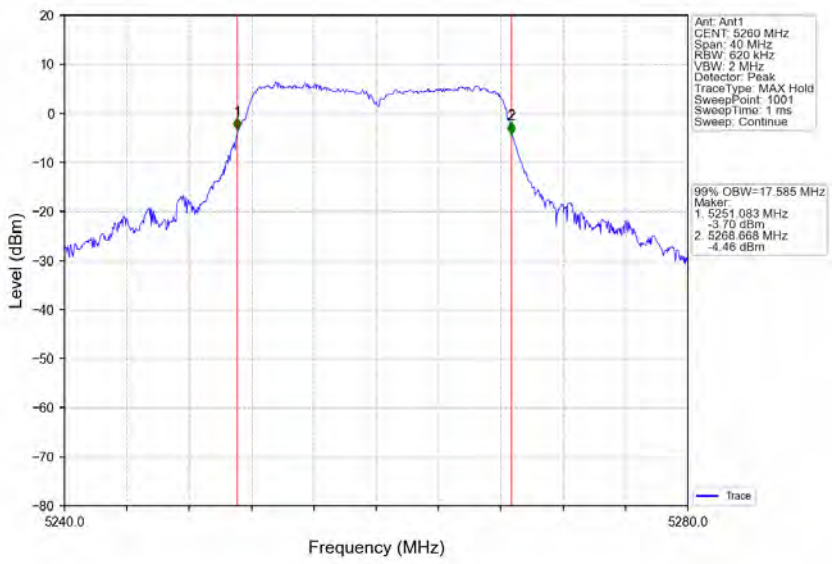
802.11a_MCH_5200MHz_Ant1_NTNV



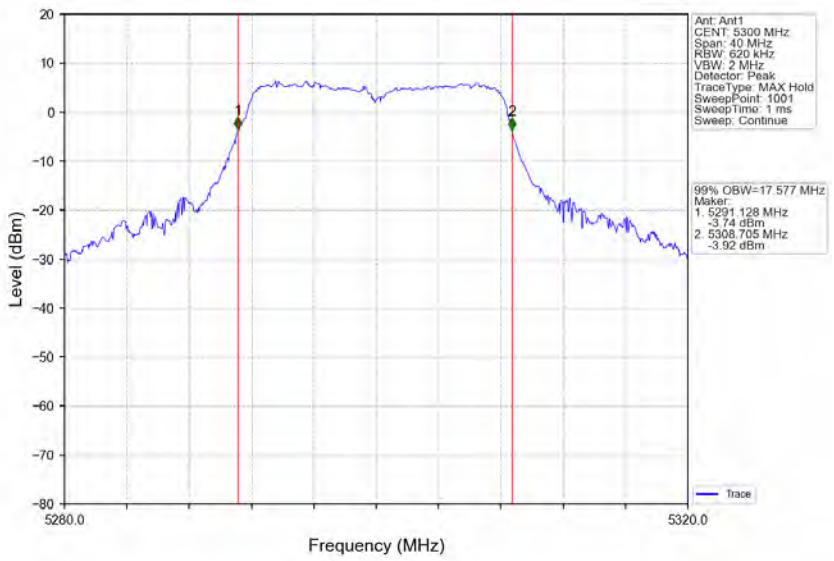
802.11a_HCH_5240MHz_Ant1_NTNV



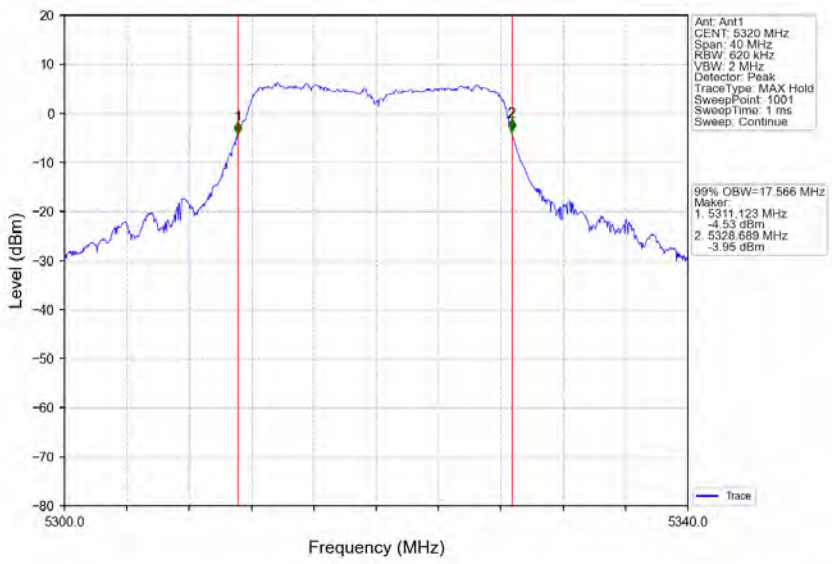
802.11a_LCH_5260MHz_Ant1_NTNV



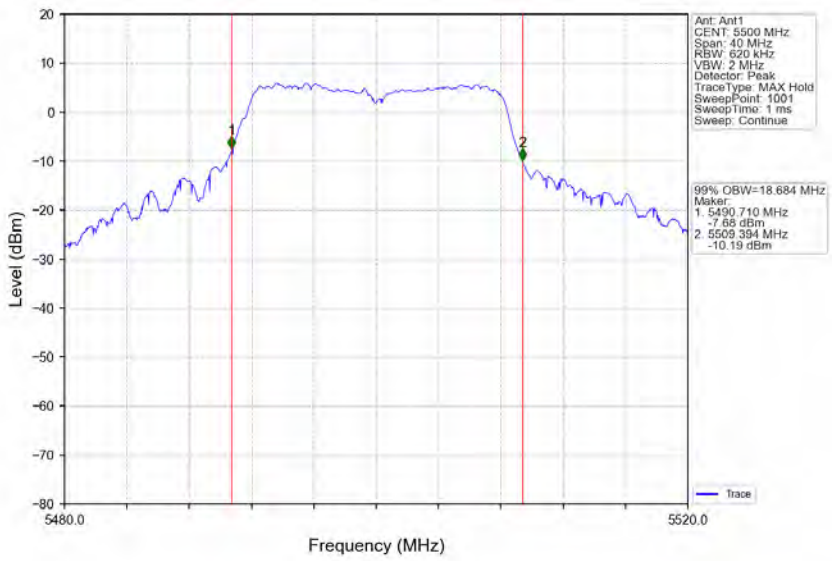
802.11a_MCH_5300MHz_Ant1_NTNV



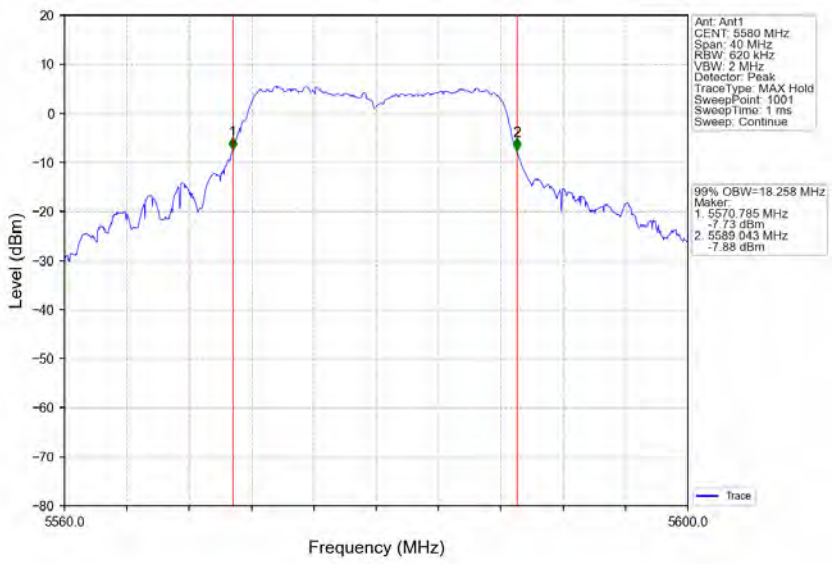
802.11a_HCH_5320MHz_Ant1_NTNV



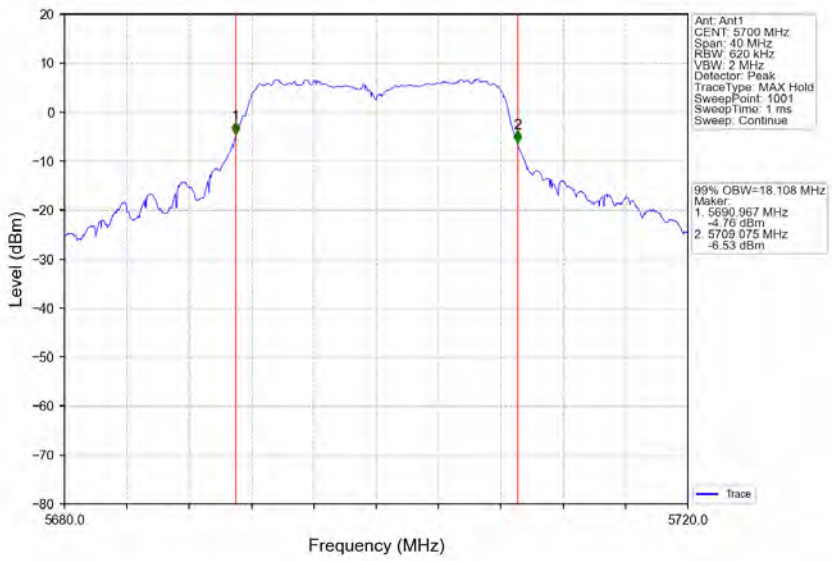
802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



802.11a_HCH_5700MHz_Ant1_NTNV



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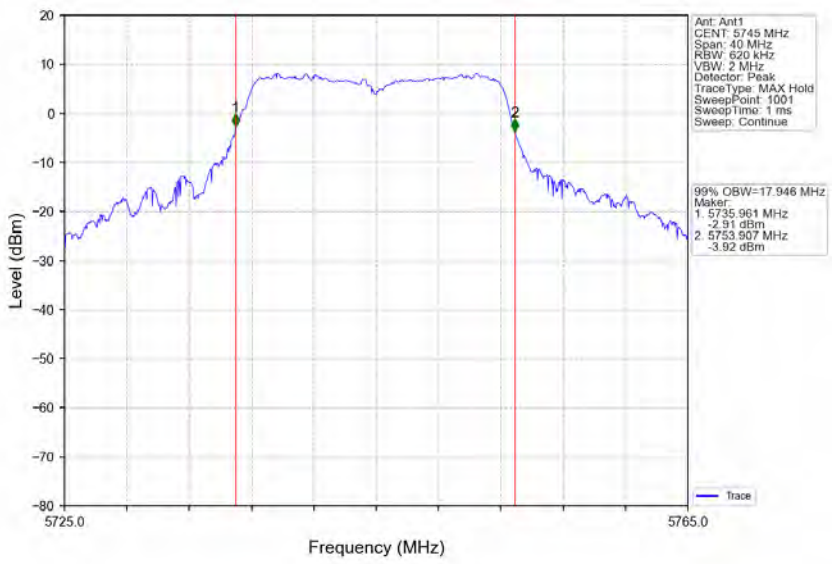

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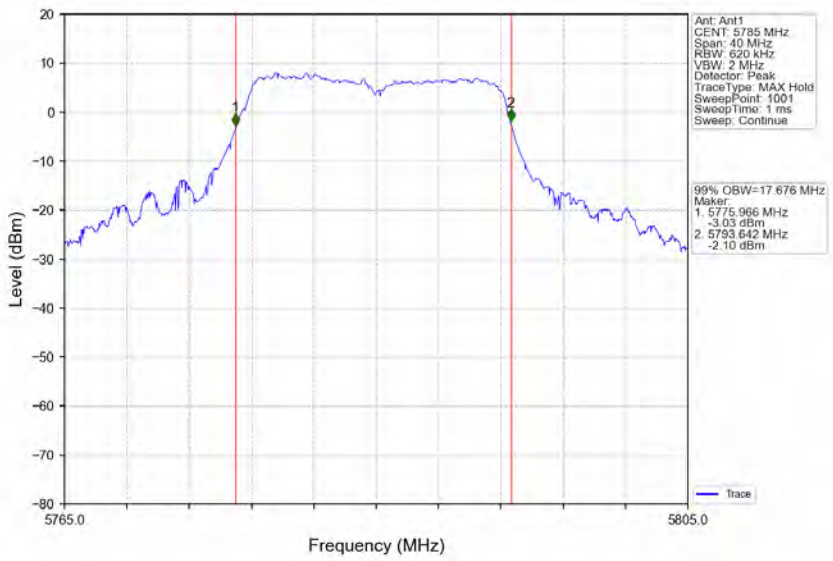
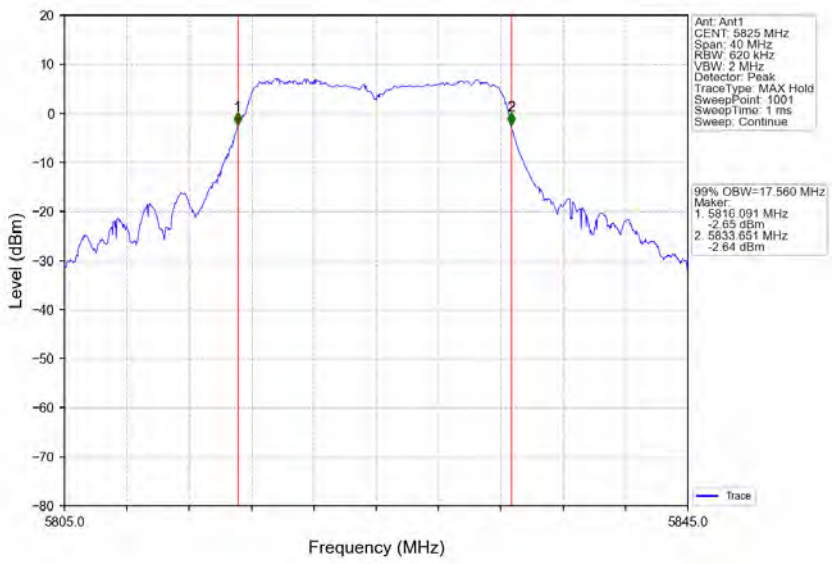
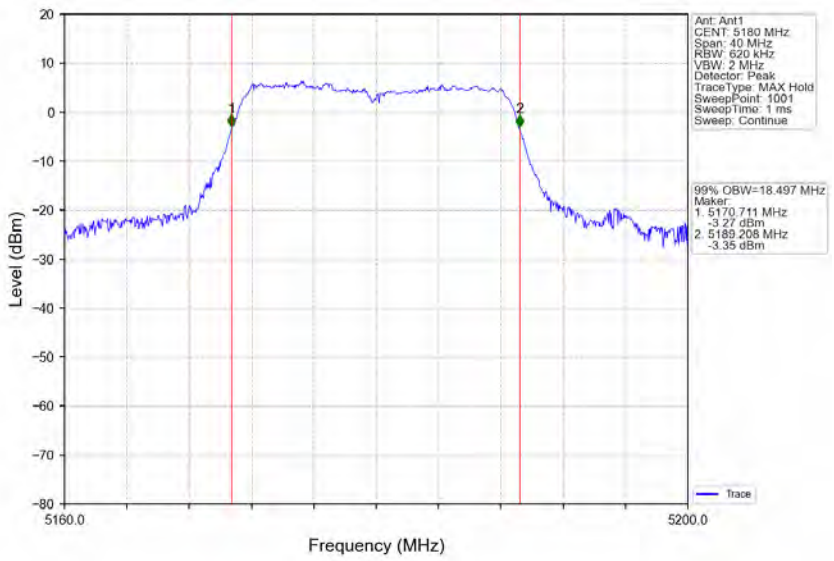


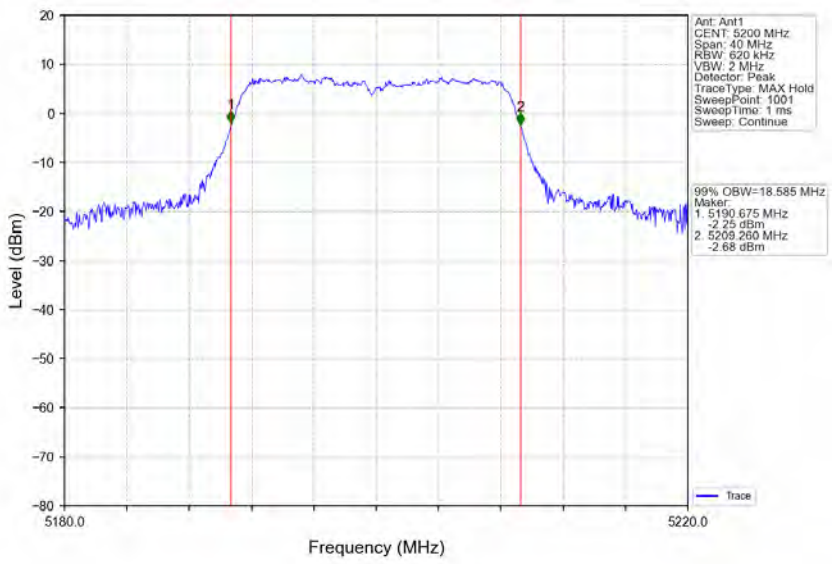
802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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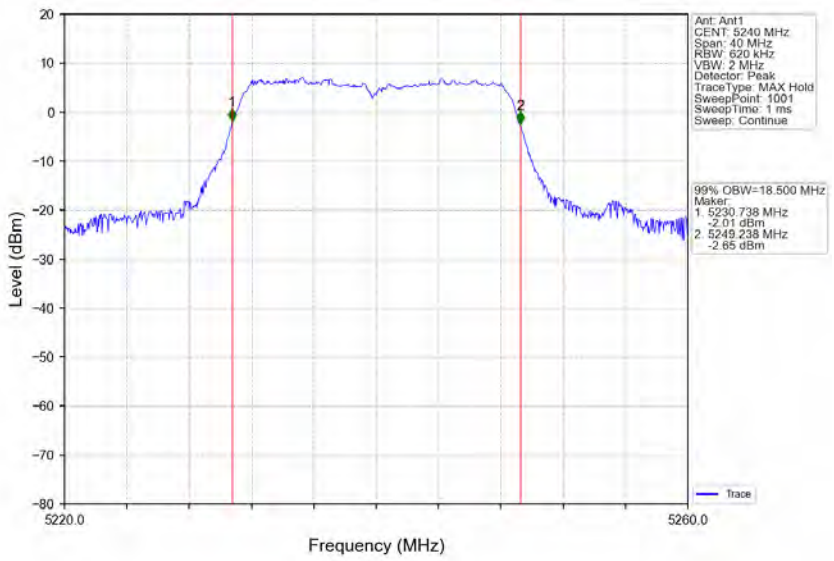
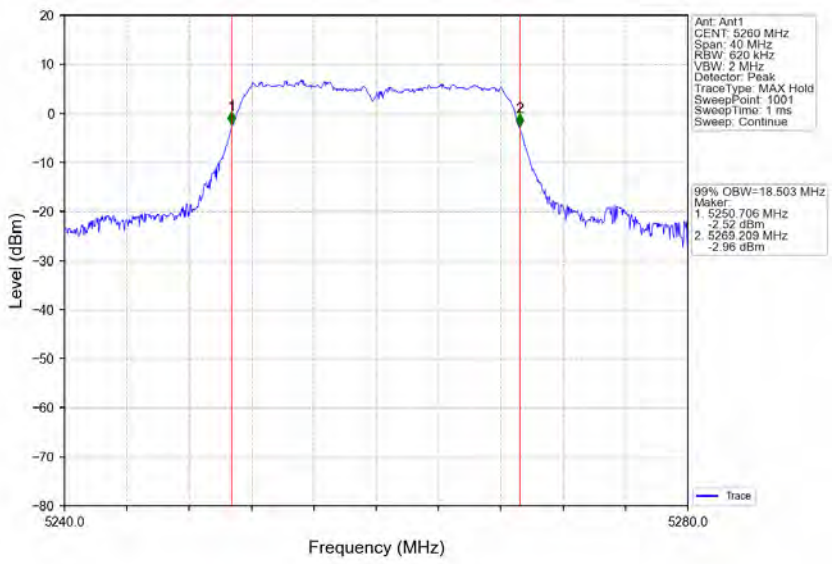


802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



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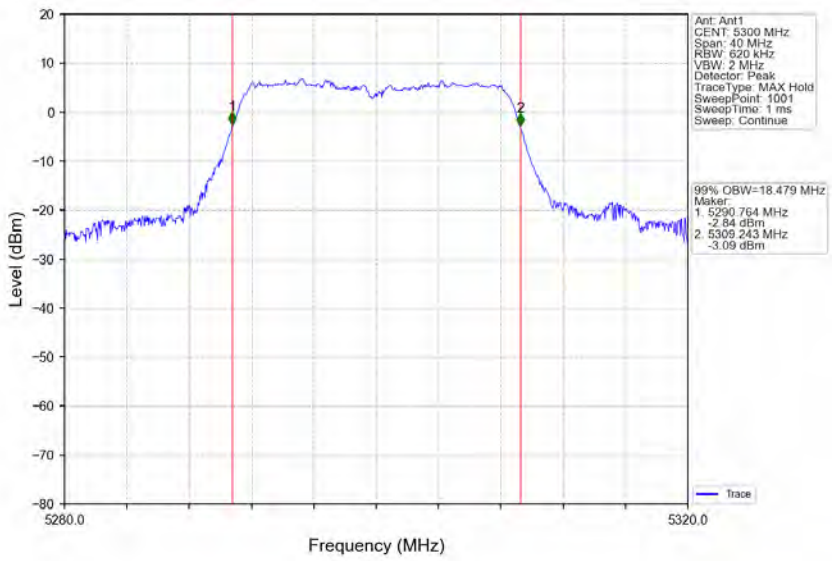

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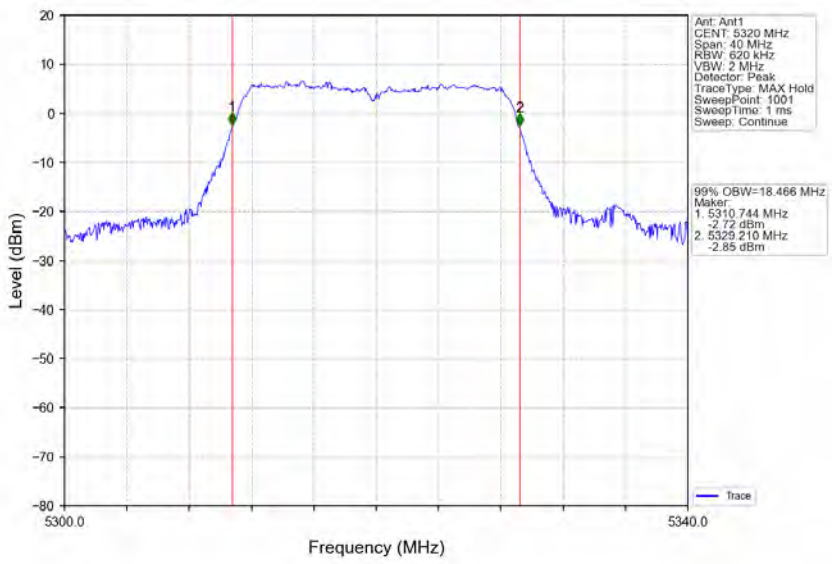

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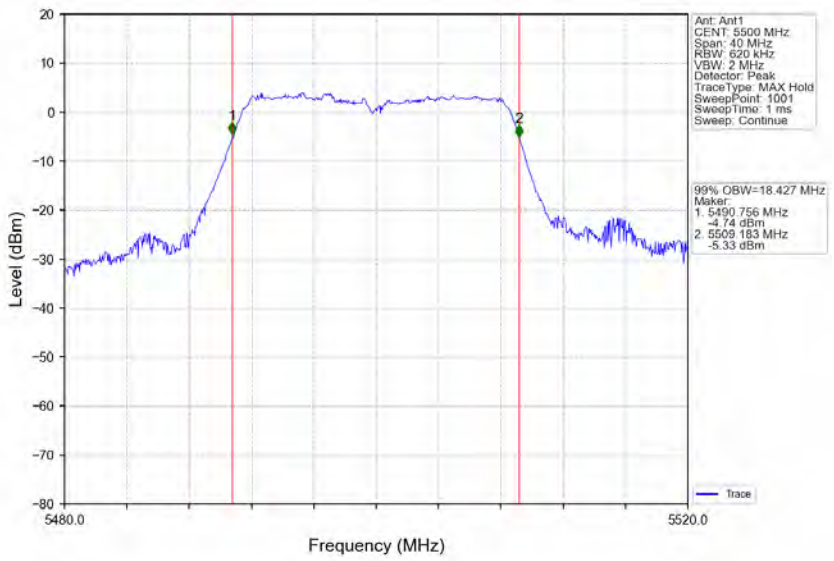

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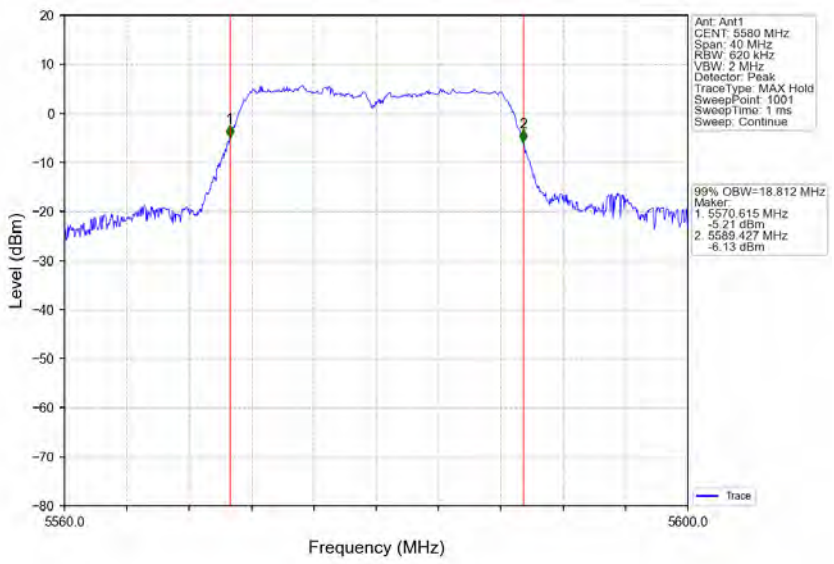

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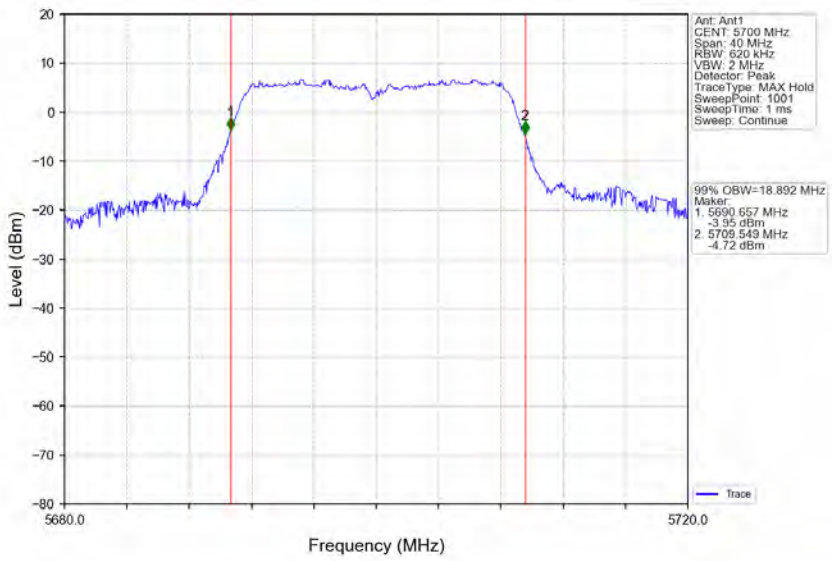

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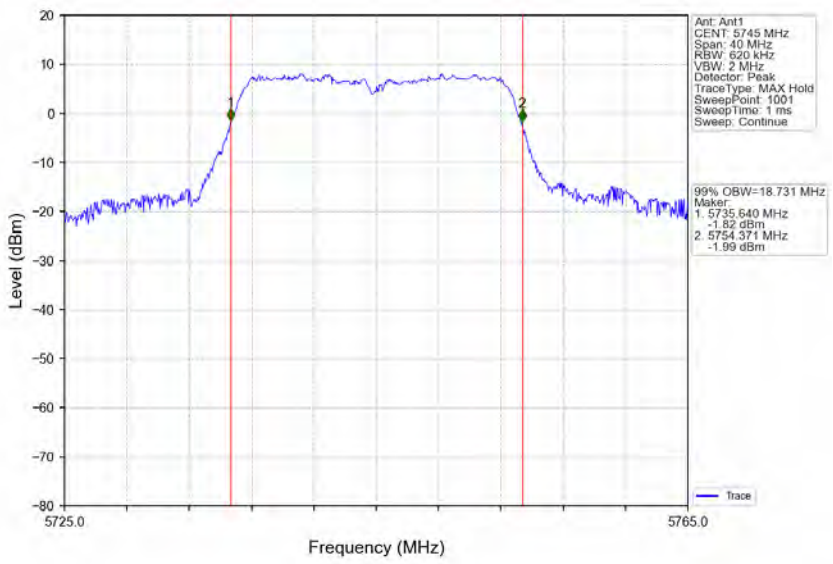

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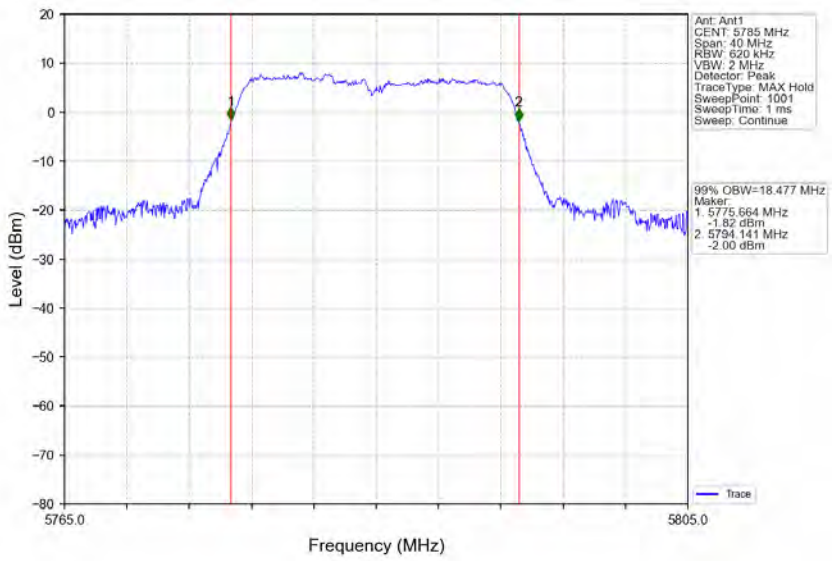

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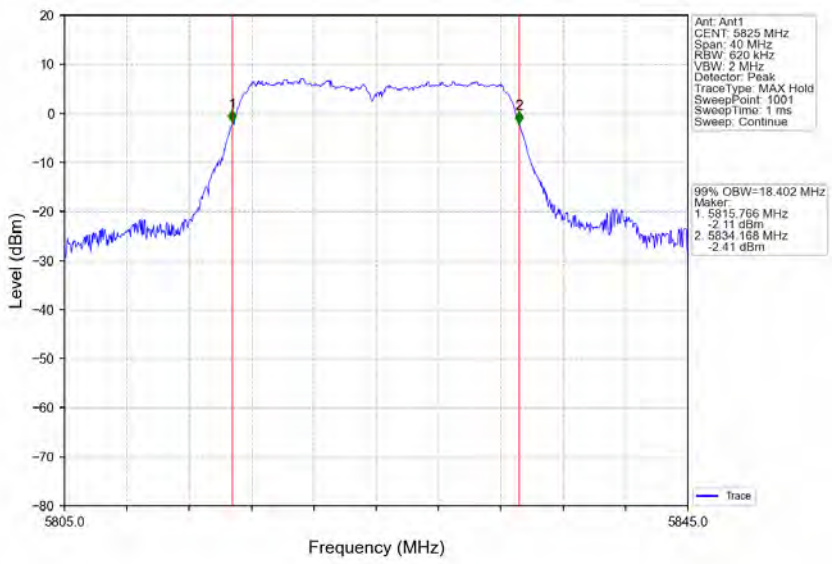
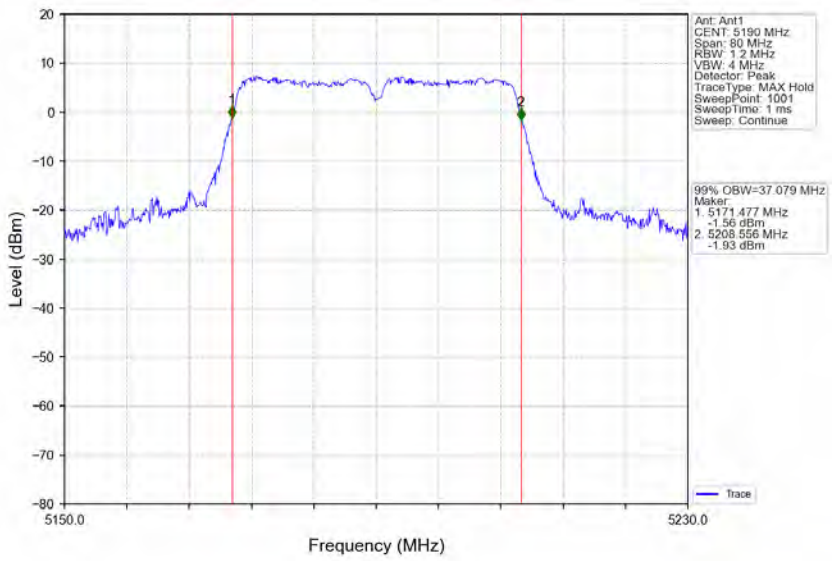


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



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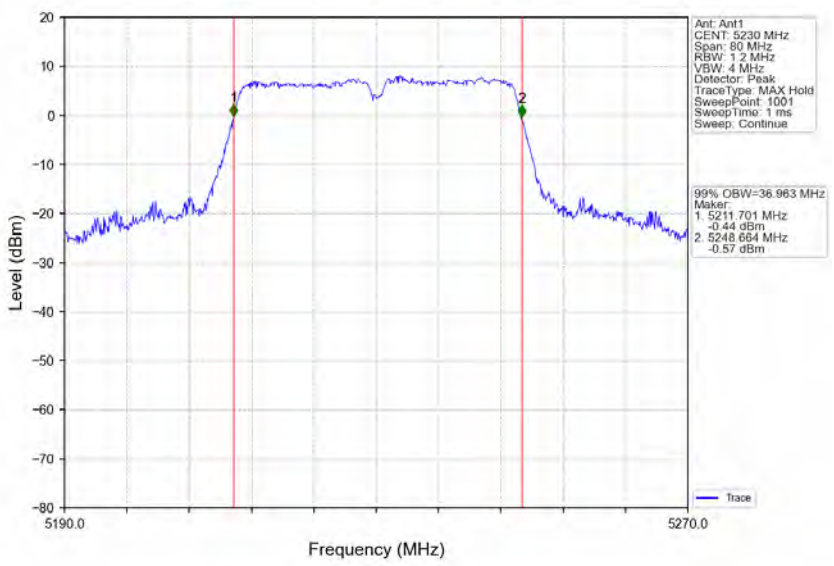

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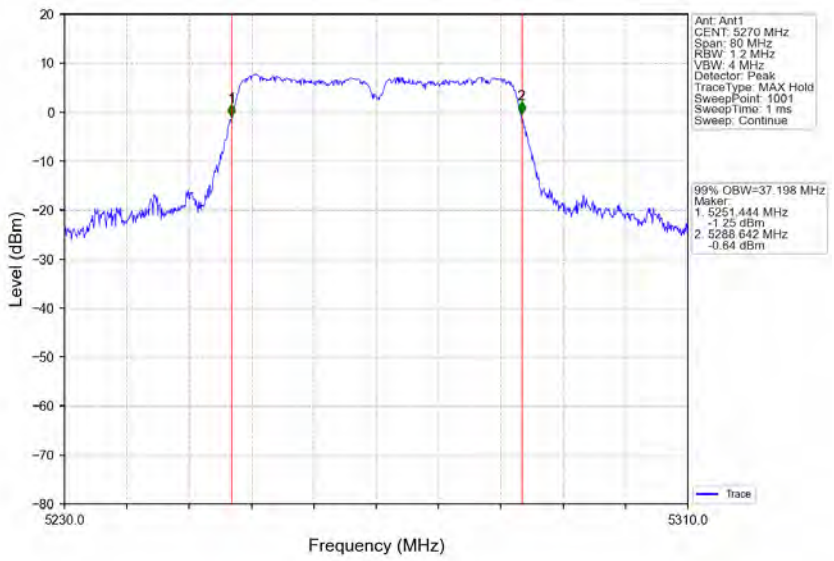

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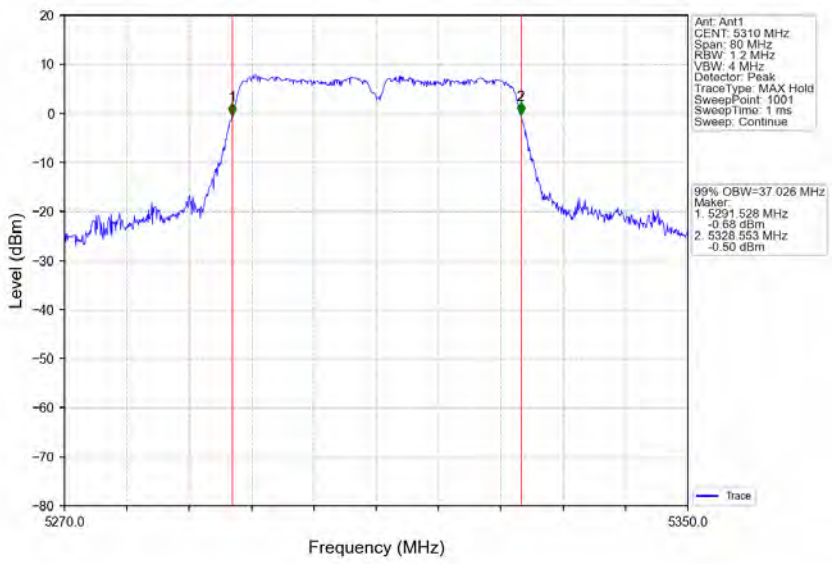
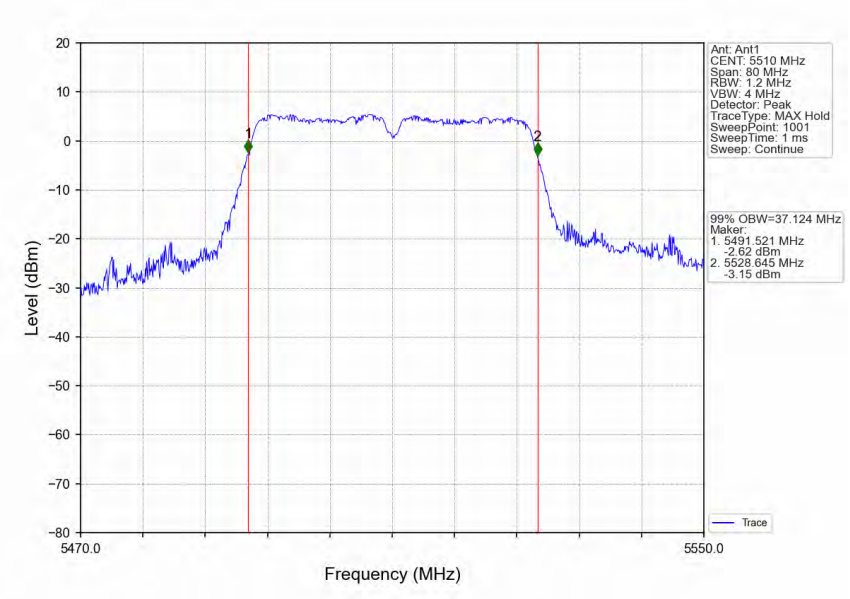


802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



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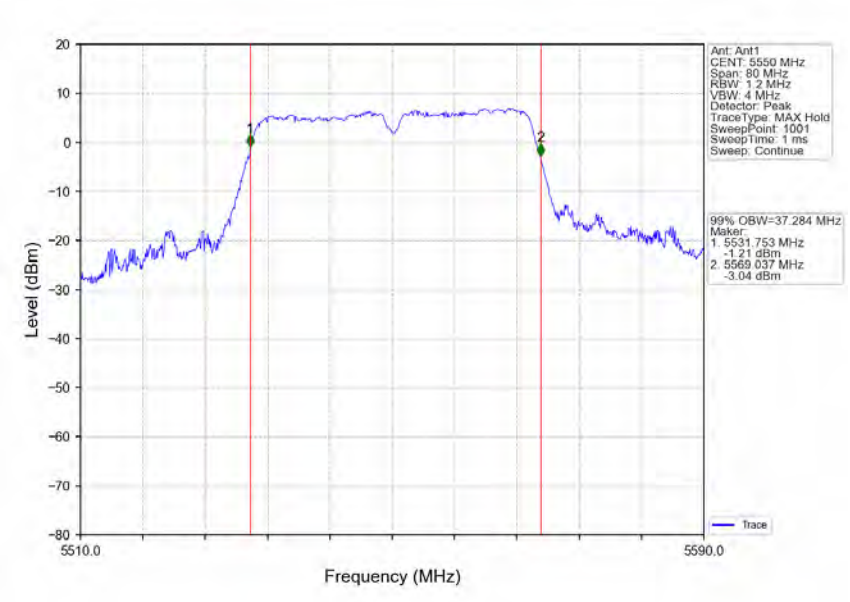

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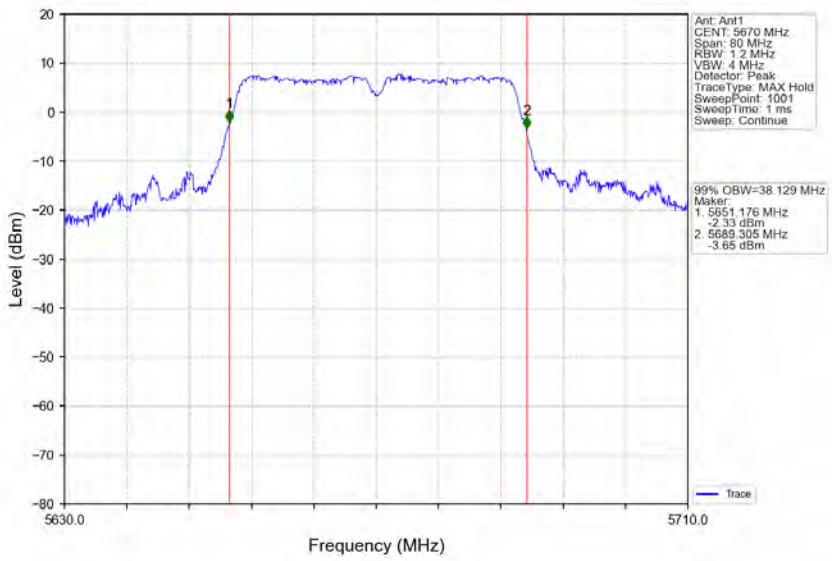

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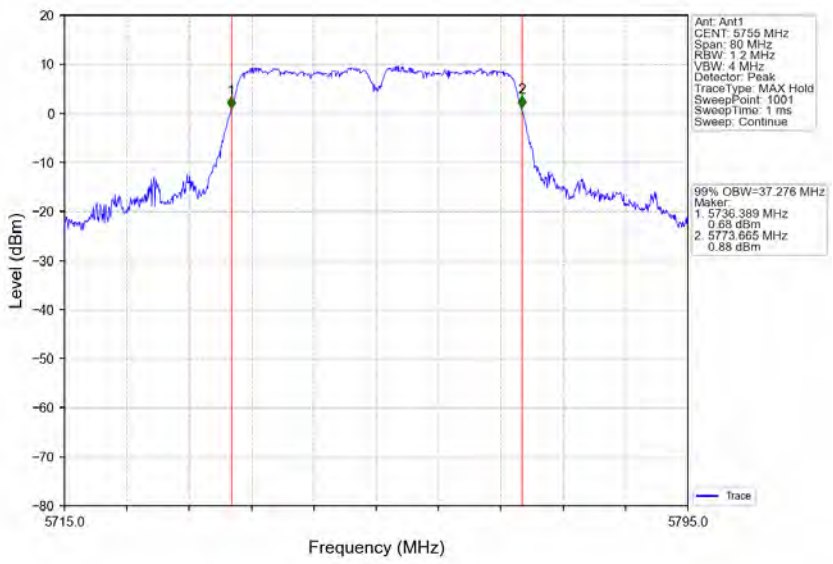

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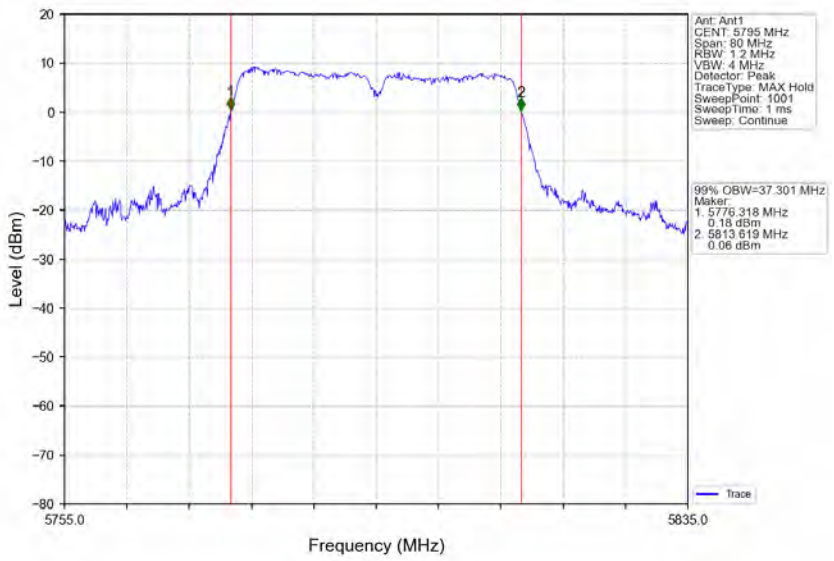
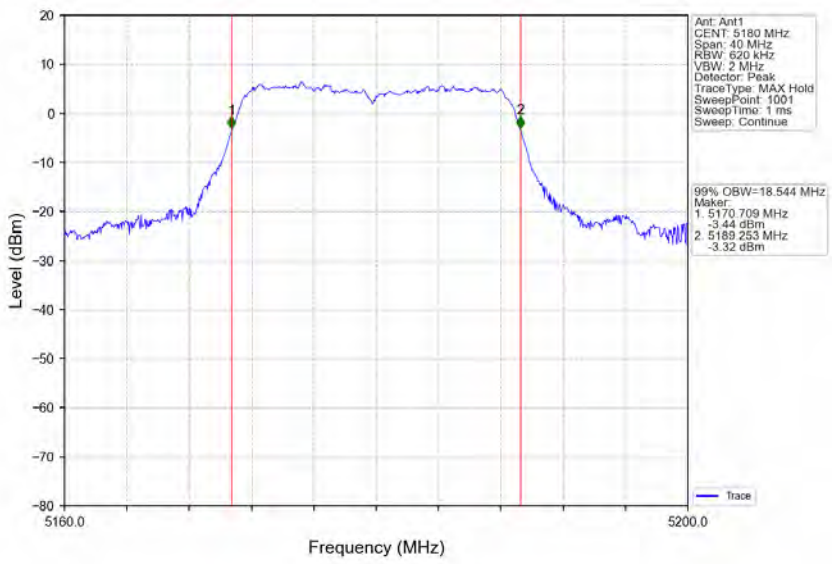
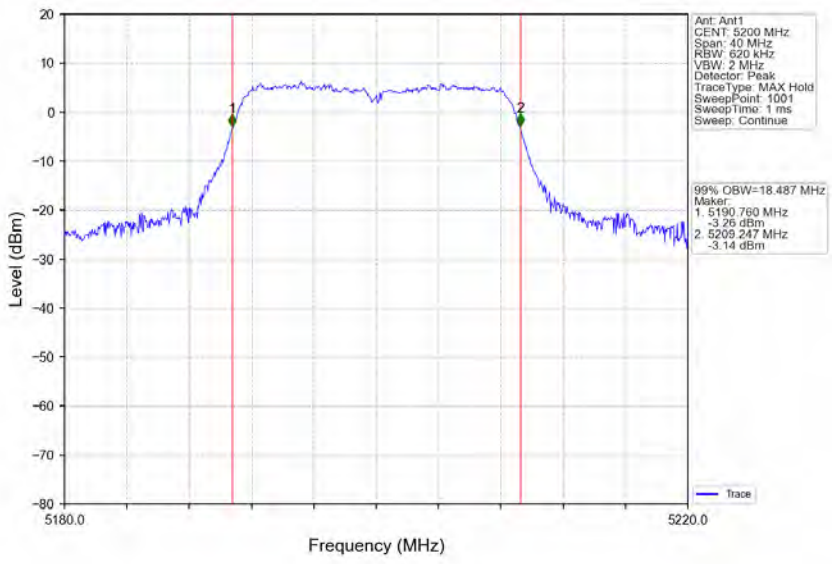


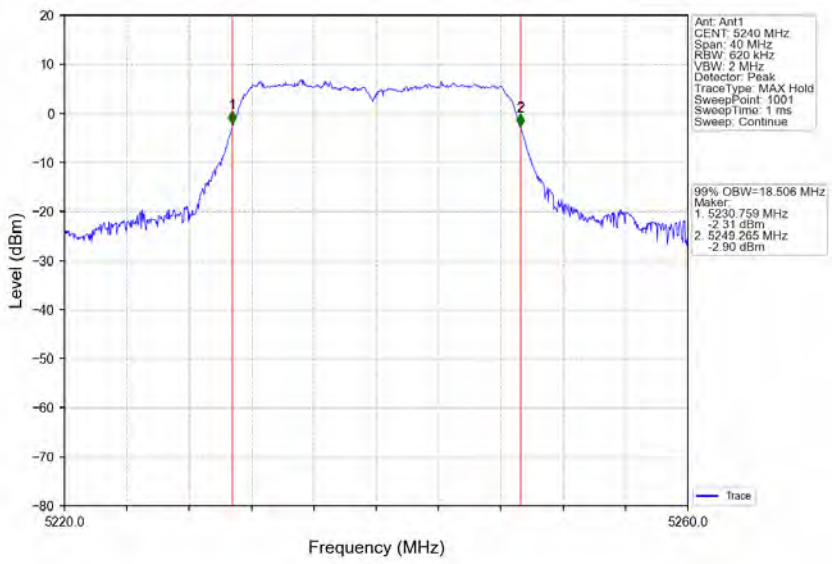
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



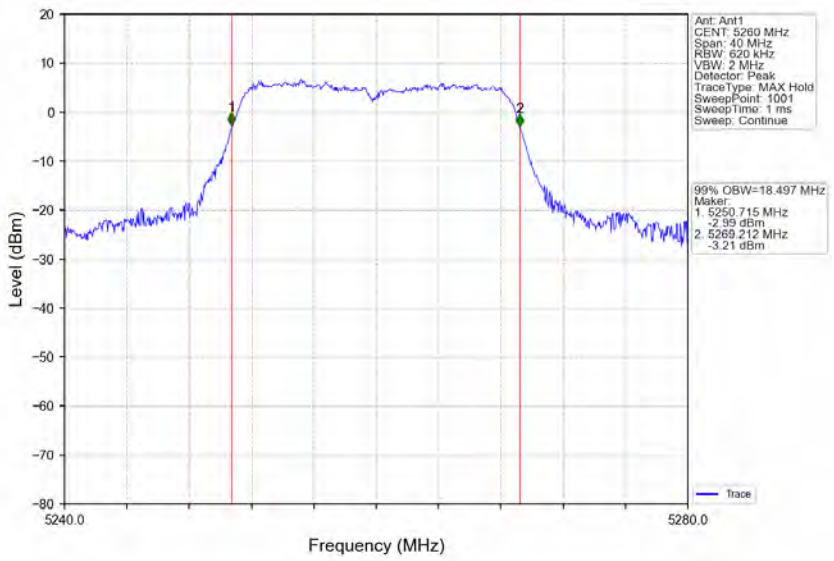
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



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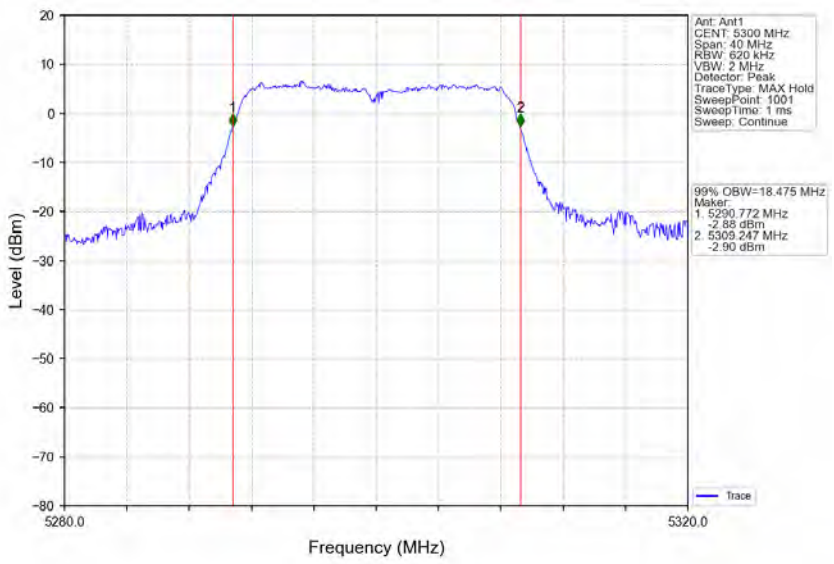
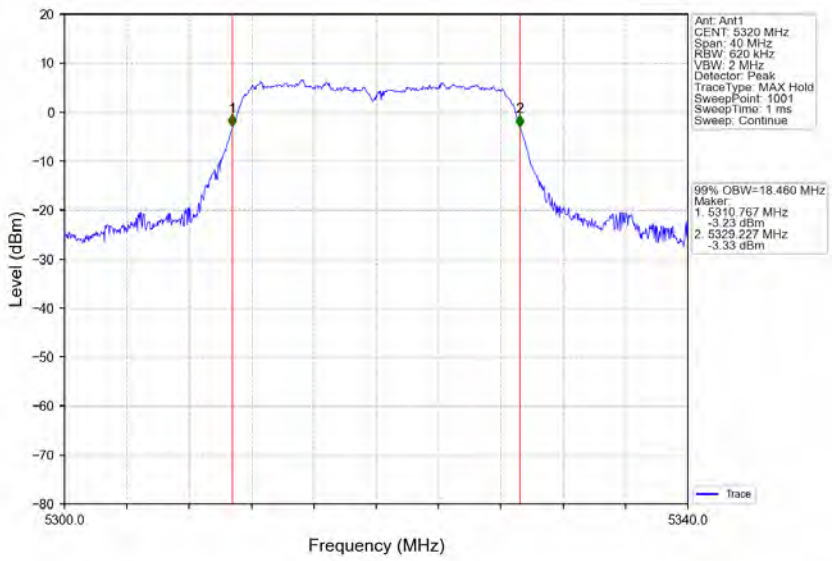
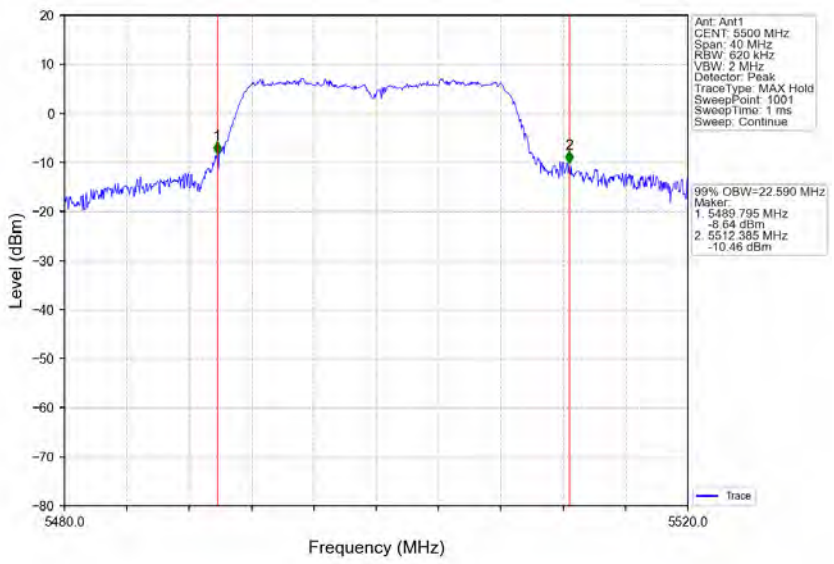


802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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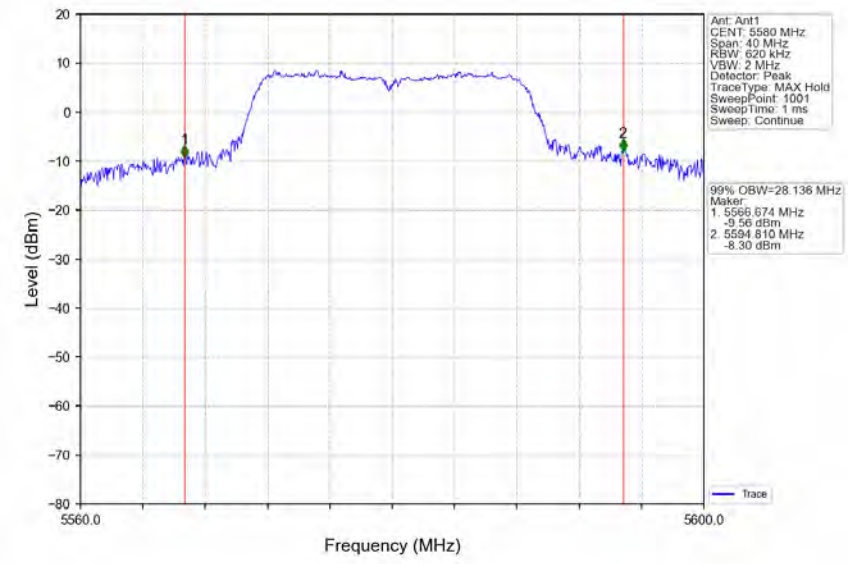
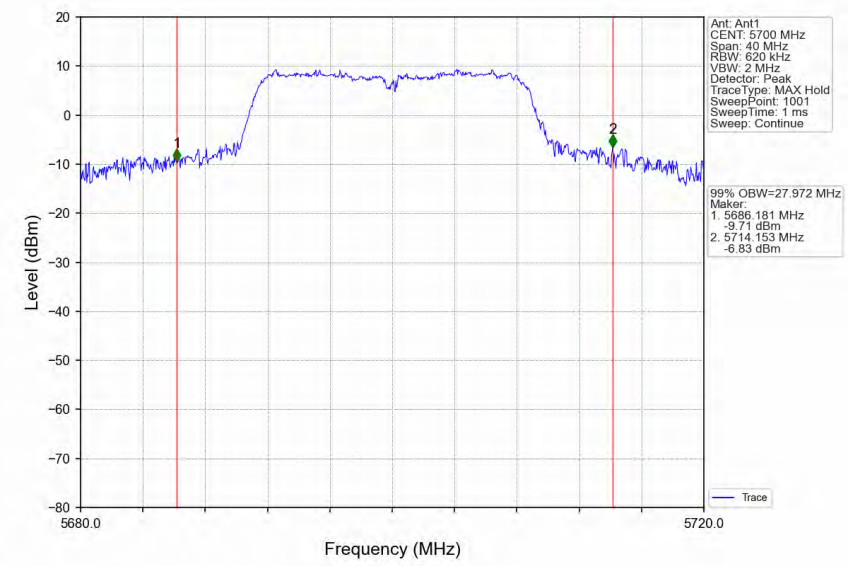


802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



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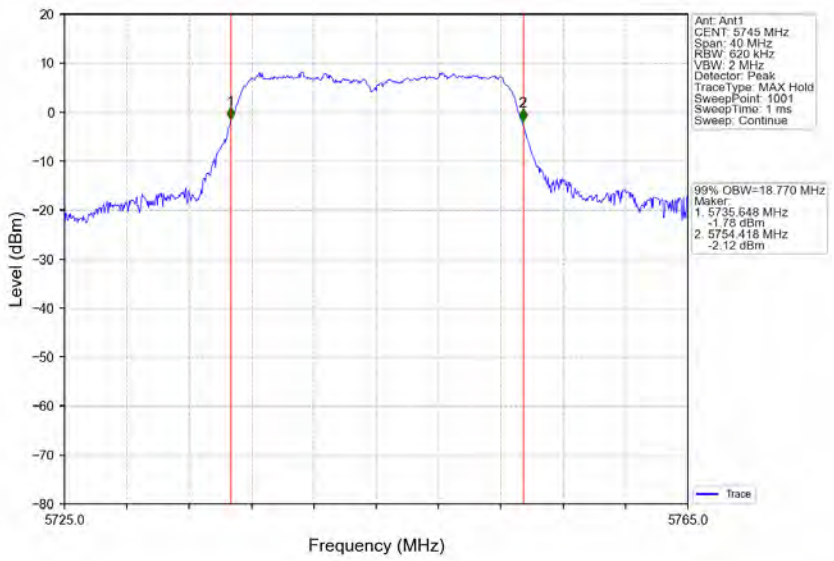
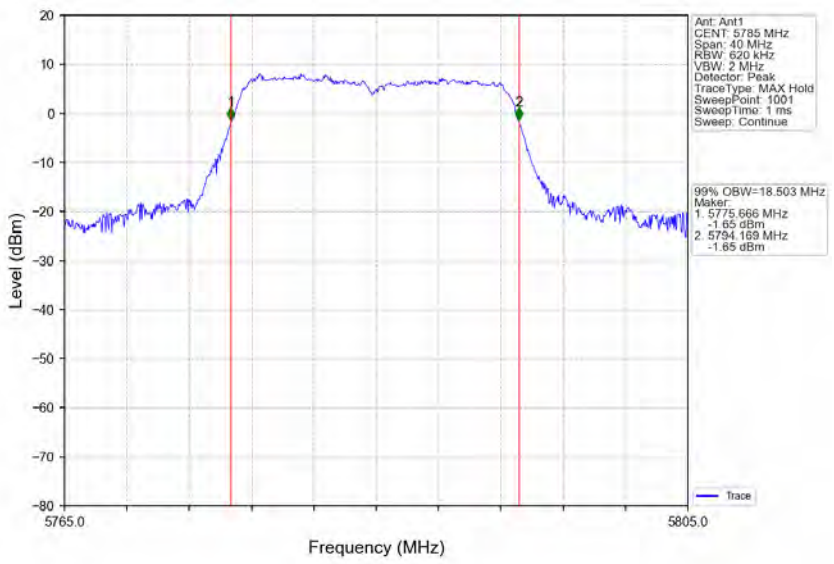


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



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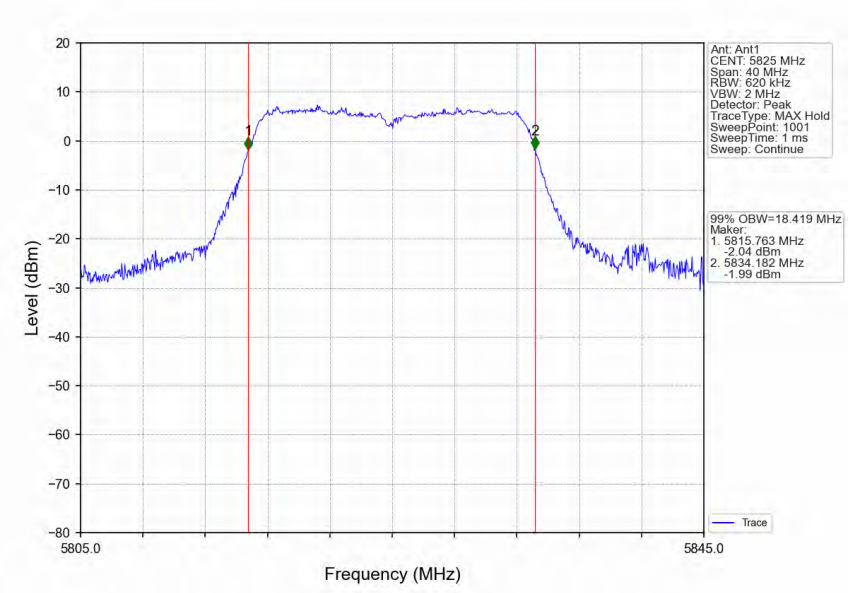
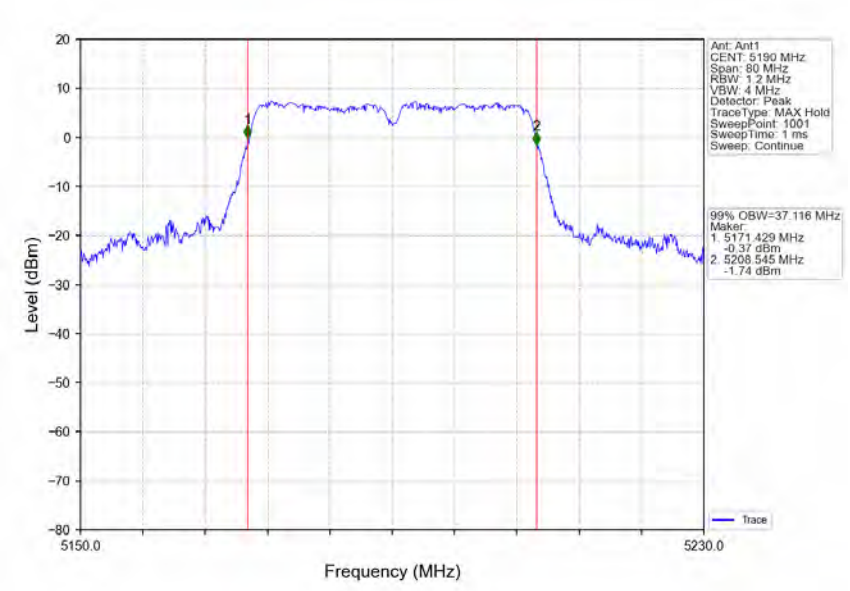


802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



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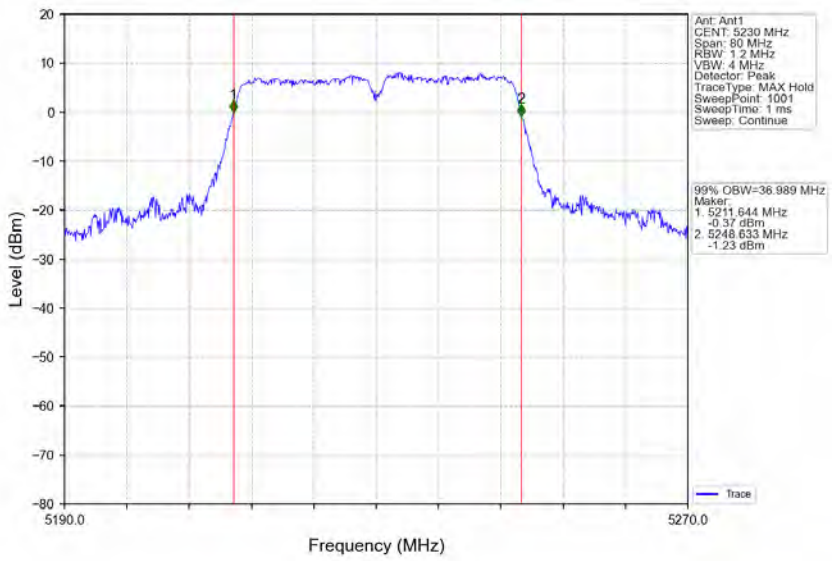
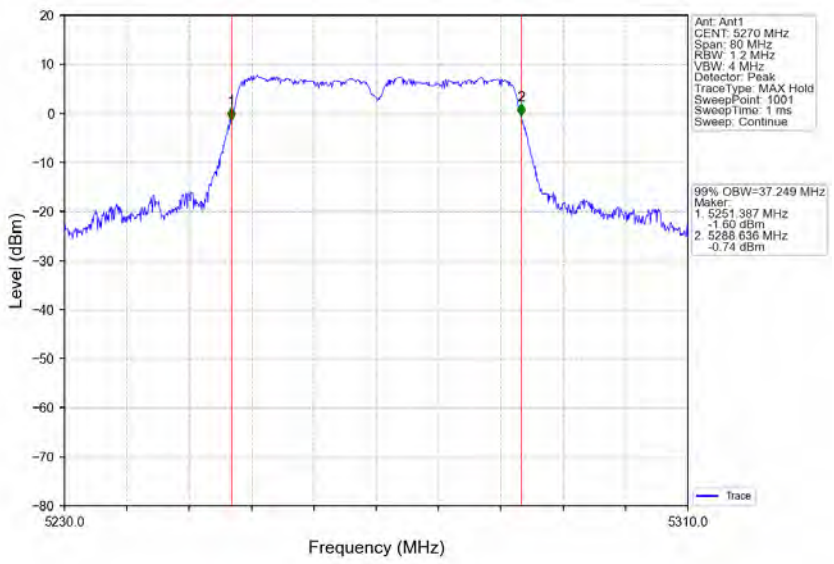
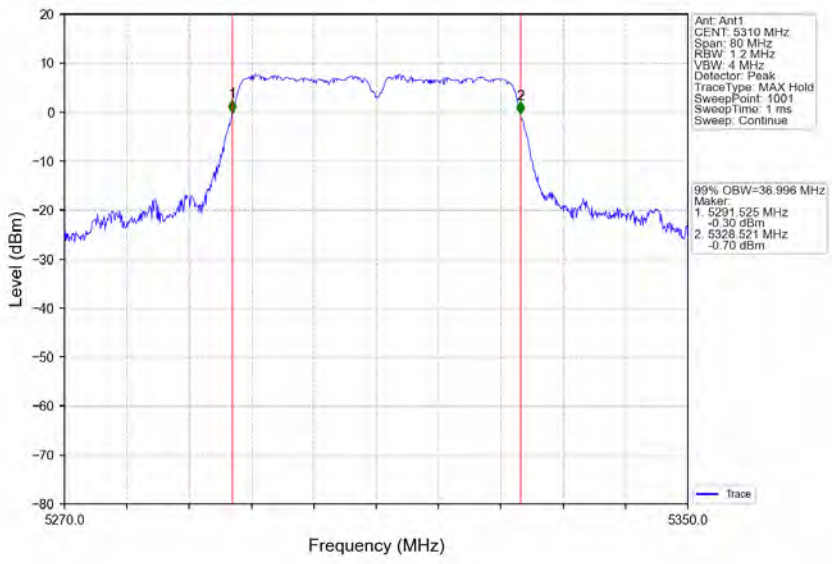


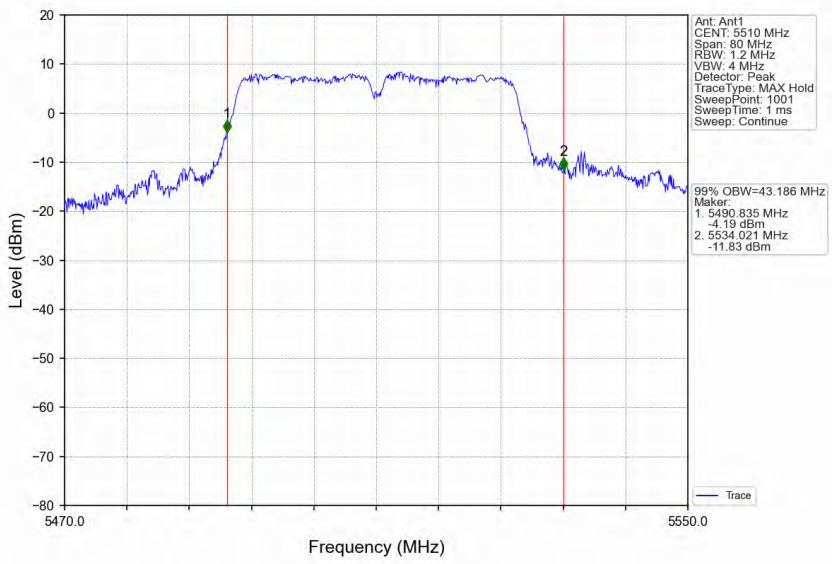
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



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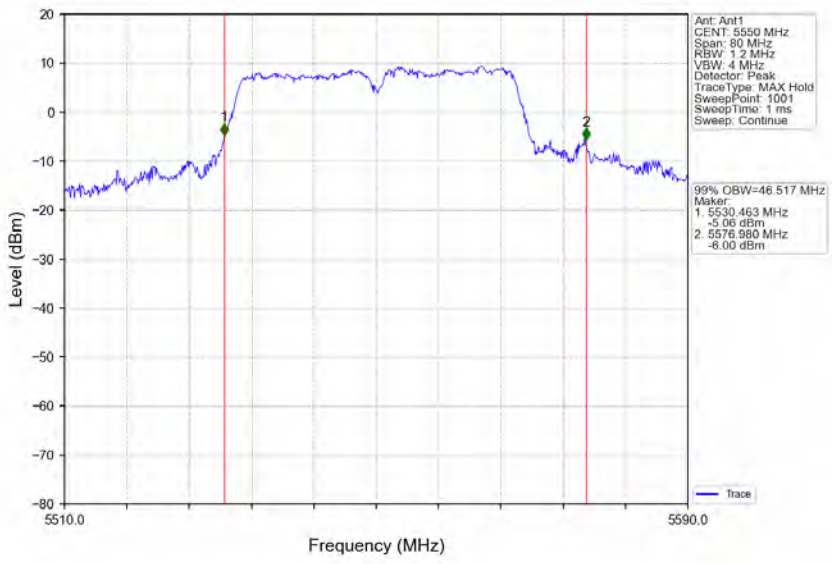
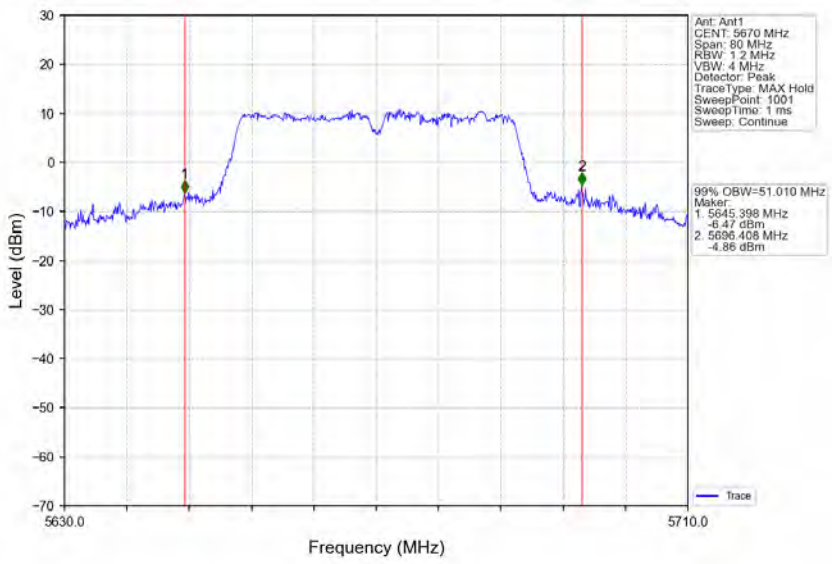


802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



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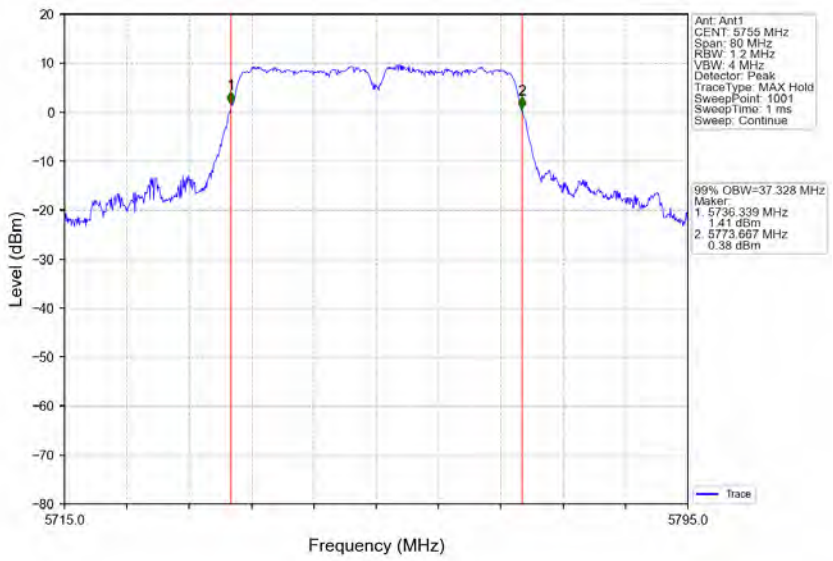

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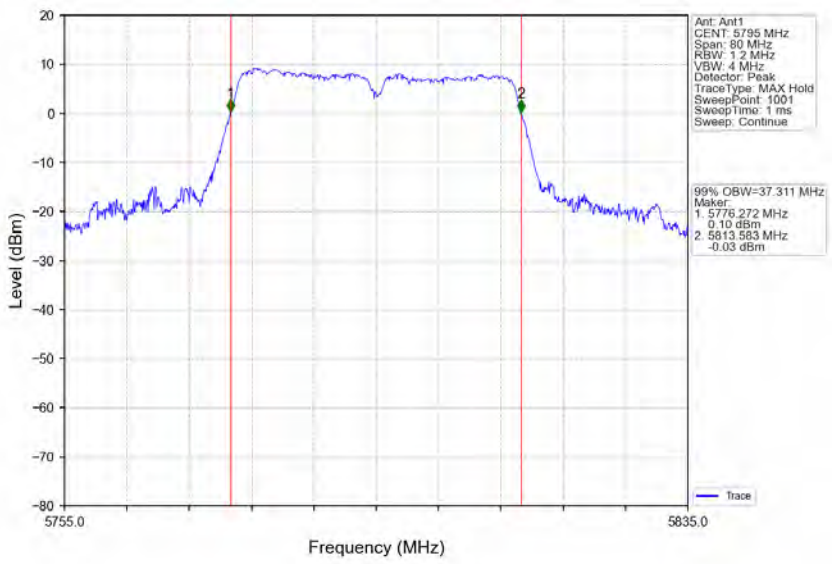
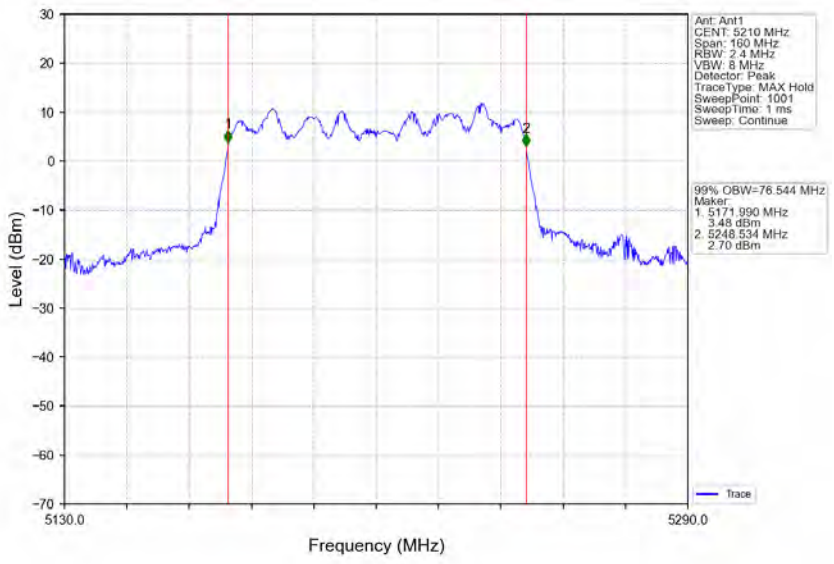


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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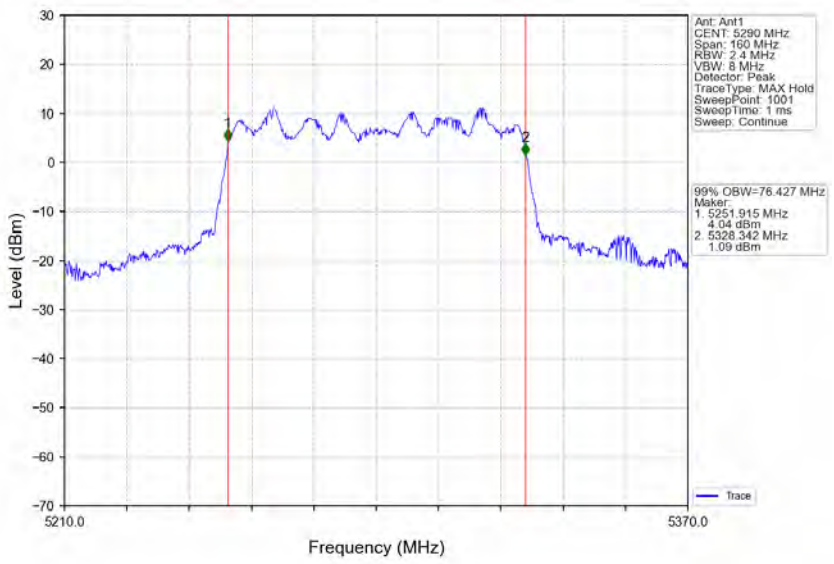
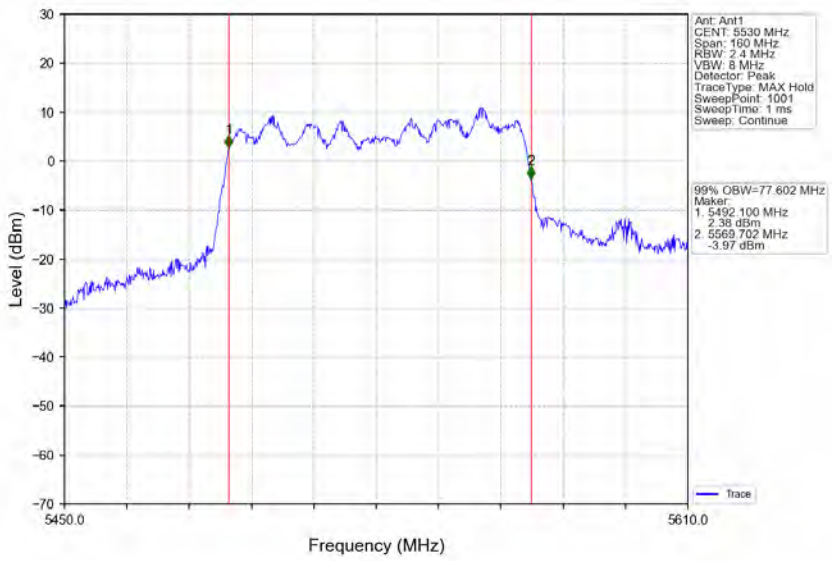
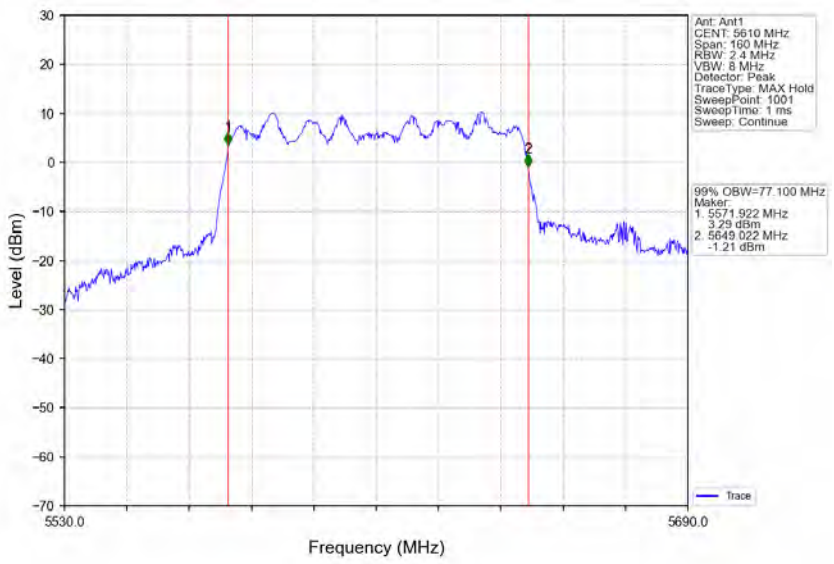
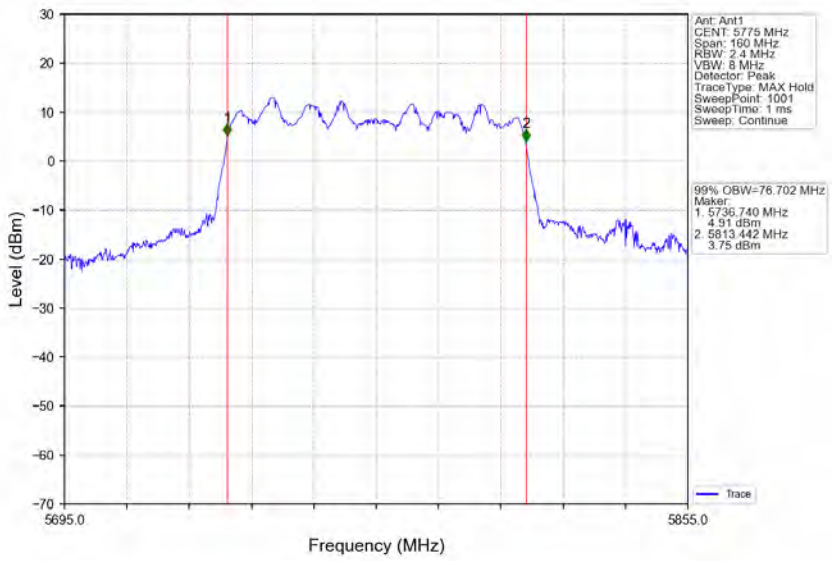


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV