

10 Appendix

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.366	1.562	87.45	0.58	0.03
		5200	1.366	1.563	87.40	0.59	0.03
		5240	1.367	1.563	87.46	0.58	0.03
		5260	1.366	1.562	87.45	0.58	0.03
		5300	1.366	1.562	87.45	0.58	0.03
		5320	1.366	1.562	87.45	0.58	0.03
		5500	1.366	1.562	87.45	0.58	0.03
		5580	1.366	1.563	87.40	0.59	0.03
		5700	1.367	1.563	87.46	0.58	0.03
		5745	1.366	1.562	87.45	0.58	0.03
		5785	1.366	1.563	87.40	0.59	0.03
5825	1.366	1.563	87.40	0.59	0.03		
802.11n (HT20)	SISO	5180	1.278	1.474	86.70	0.62	0.03
		5200	1.279	1.475	86.71	0.62	0.00
		5240	1.277	1.473	86.69	0.62	0.03
		5260	1.278	1.474	86.70	0.62	0.00
		5300	1.278	1.474	86.70	0.62	0.03
		5320	1.278	1.475	86.64	0.62	0.06
		5500	1.278	1.474	86.70	0.62	0.00
		5580	1.278	1.474	86.70	0.62	0.00
		5700	1.278	1.474	86.70	0.62	0.03
		5745	1.279	1.475	86.71	0.62	0.06
		5785	1.278	1.474	86.70	0.62	0.06
5825	1.278	1.474	86.70	0.62	0.00		
802.11n (HT40)	SISO	5190	0.638	0.835	76.41	1.17	0.01
		5230	0.639	0.836	76.44	1.17	0.02
		5270	0.638	0.835	76.41	1.17	0.03
		5310	0.638	0.835	76.41	1.17	0.03
		5510	0.638	0.836	76.32	1.17	0.06
		5550	0.638	0.835	76.41	1.17	0.01
		5670	0.638	0.836	76.32	1.17	0.06
		5755	0.638	0.835	76.41	1.17	0.02



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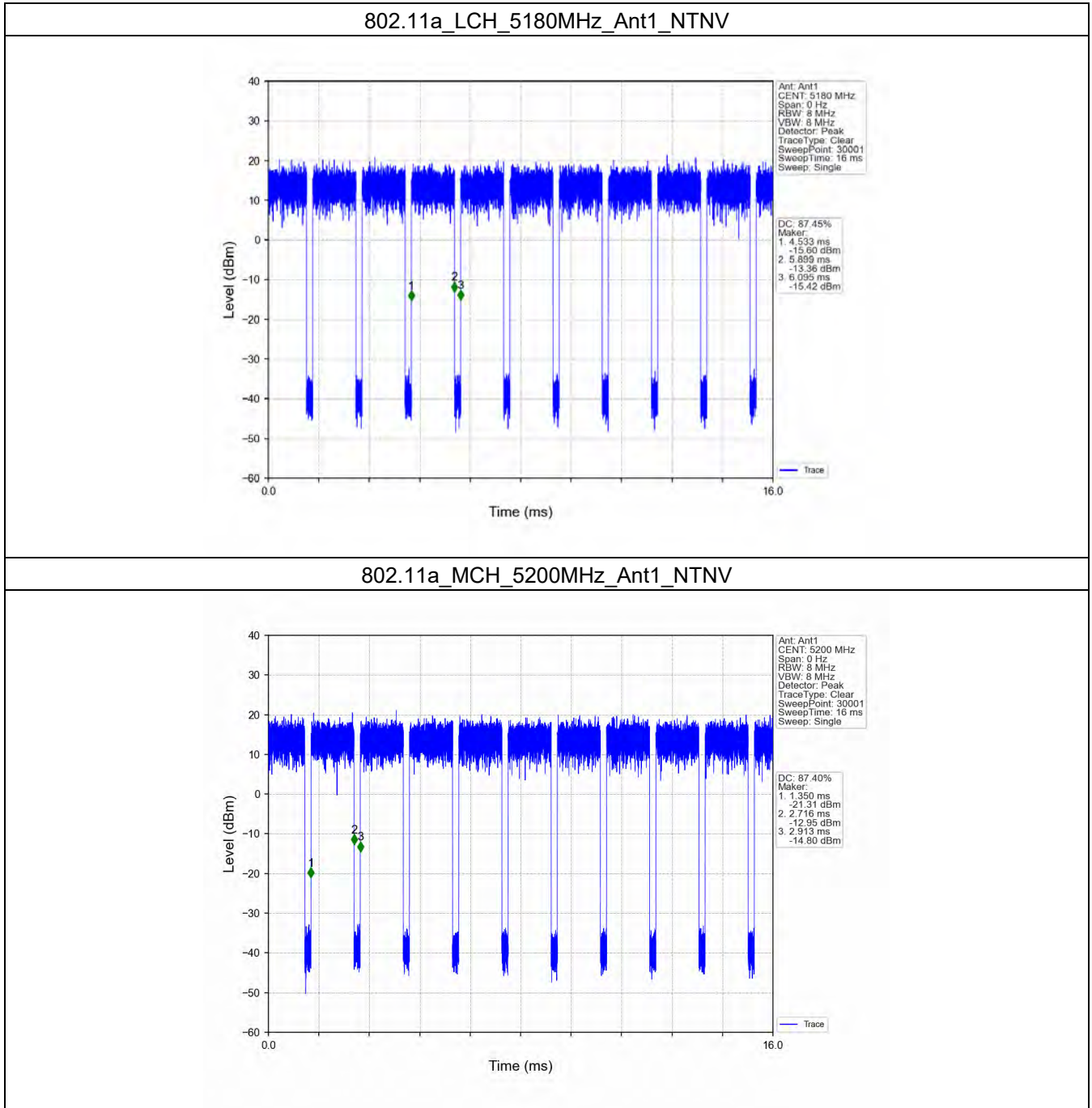
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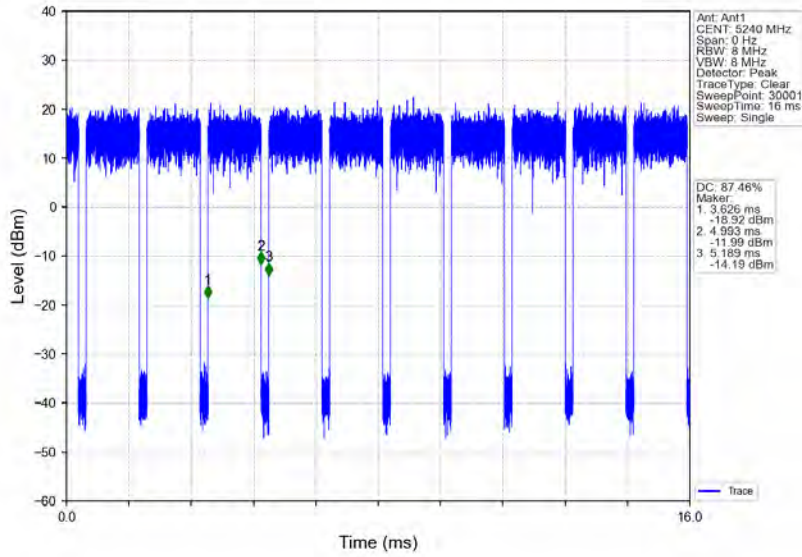
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		5795	0.638	0.835	76.41	1.17	0.02
802.11ac (VHT80)	SISO	5210	0.250	0.448	55.80	2.53	0.04
		5290	0.250	0.448	55.80	2.53	0.07
		5530	0.250	0.448	55.80	2.53	0.06
		5610	0.250	0.448	55.80	2.53	0.03
		5775	0.250	0.448	55.80	2.53	0.03

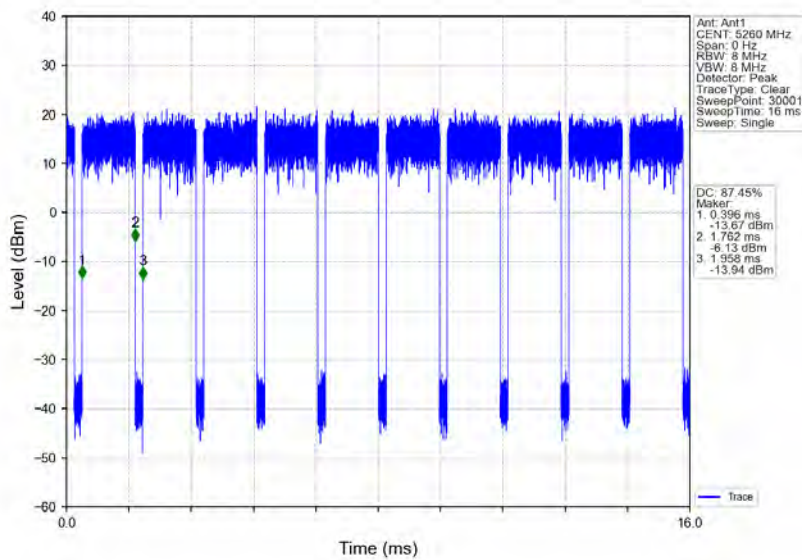
1.1.2 Test Graph



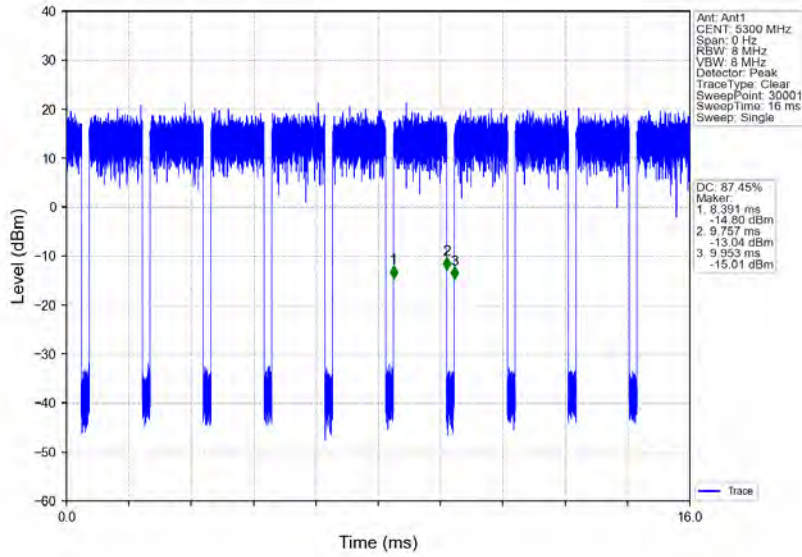
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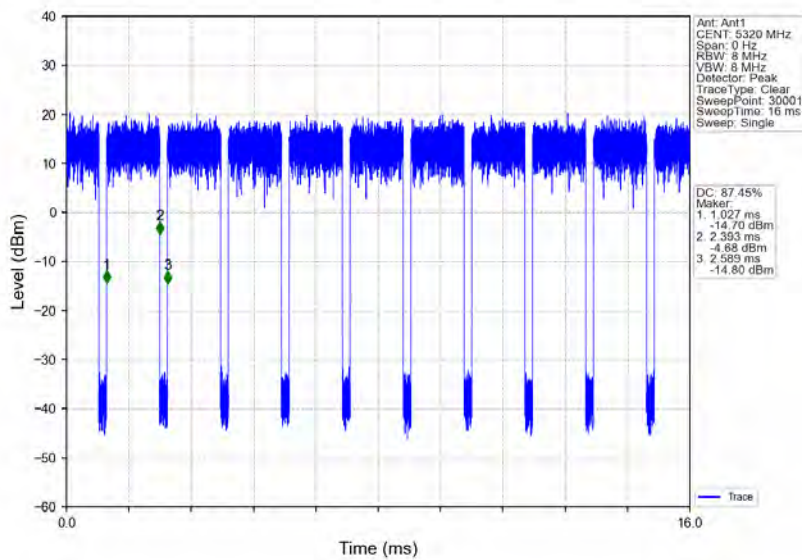
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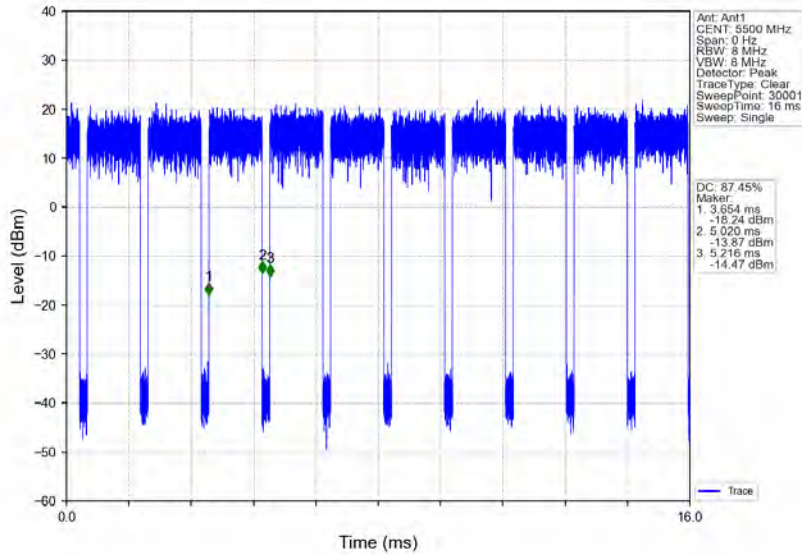
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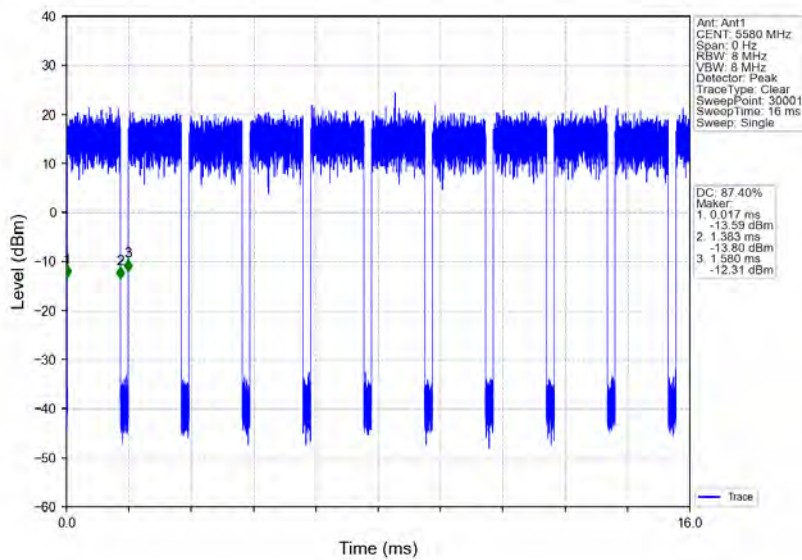
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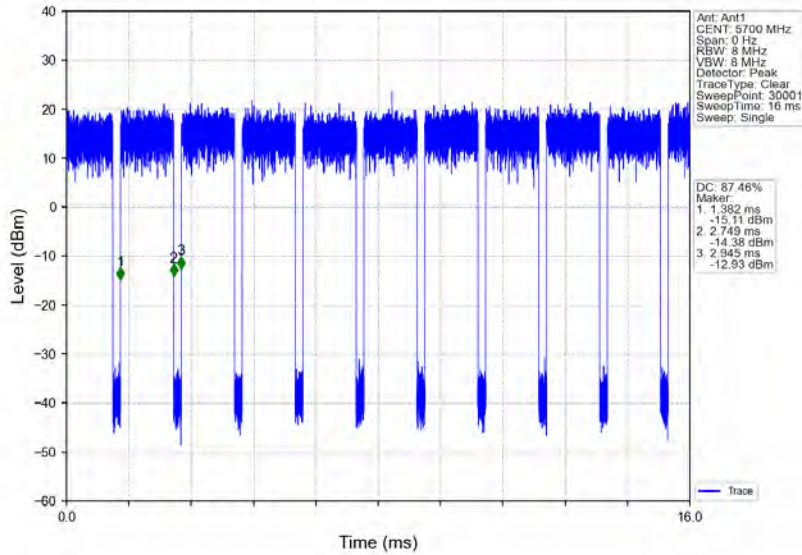
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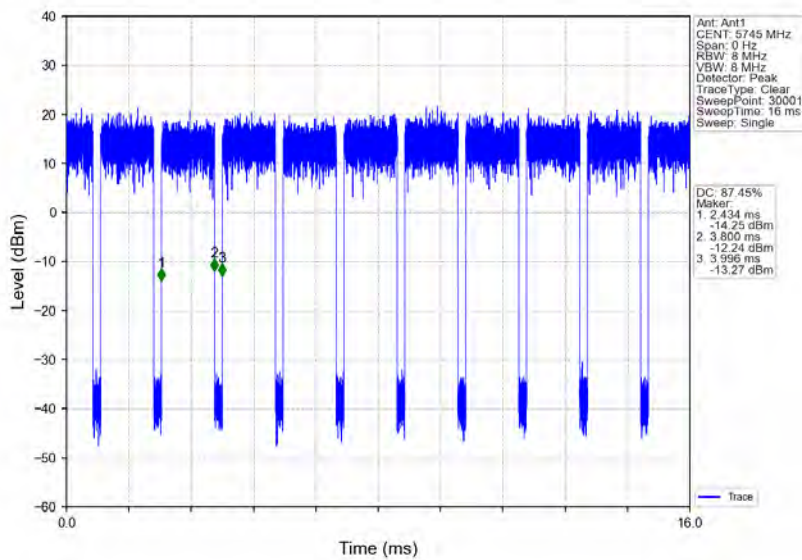
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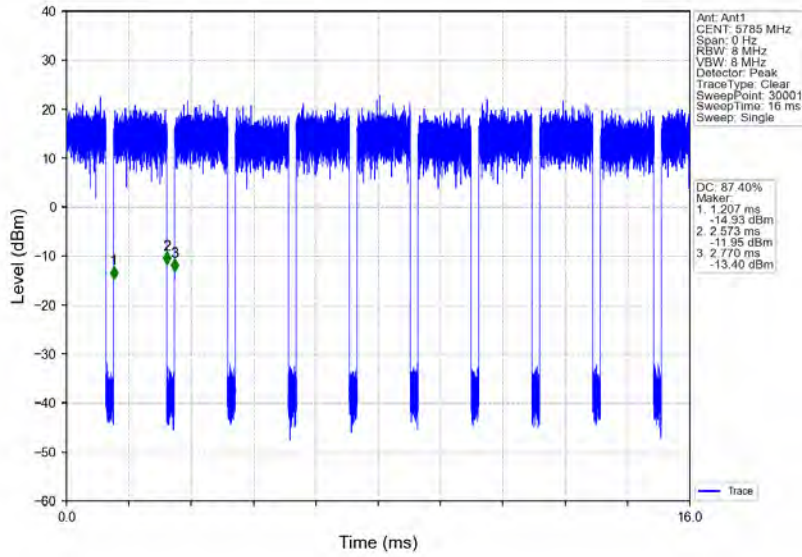
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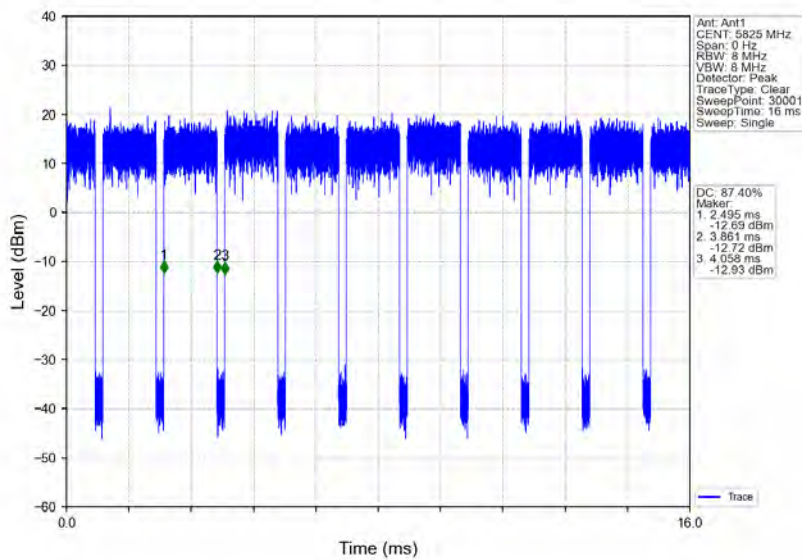
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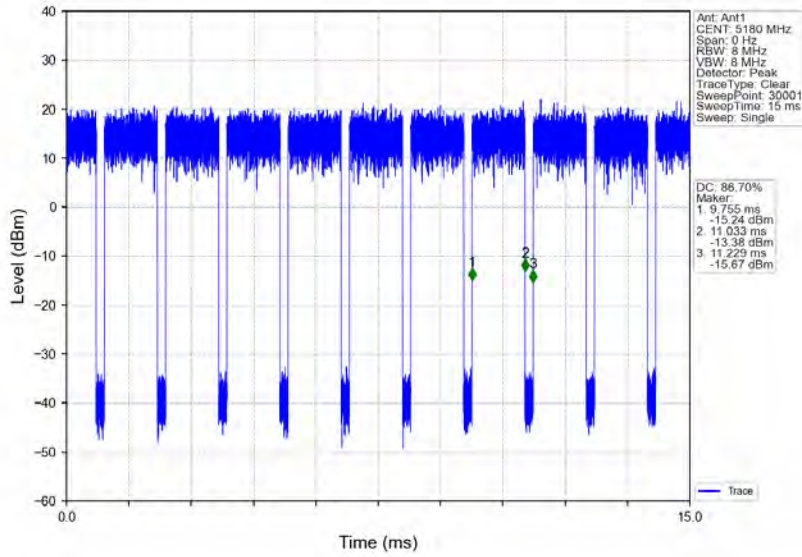
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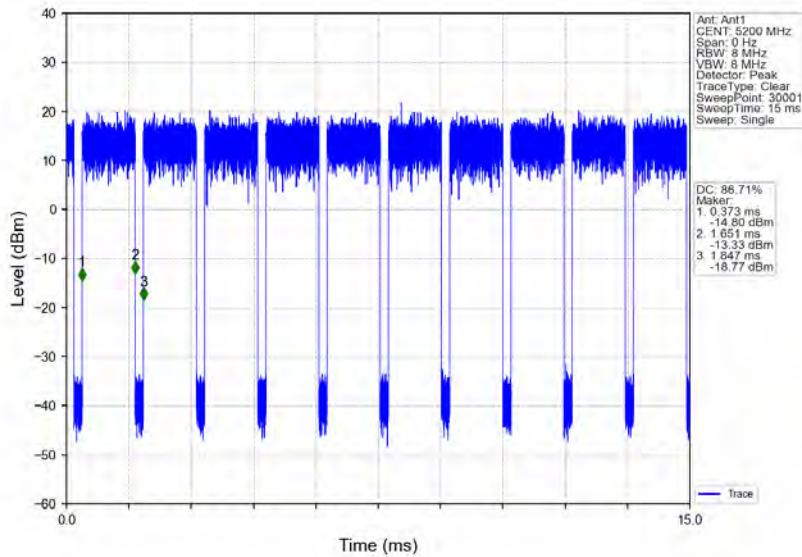
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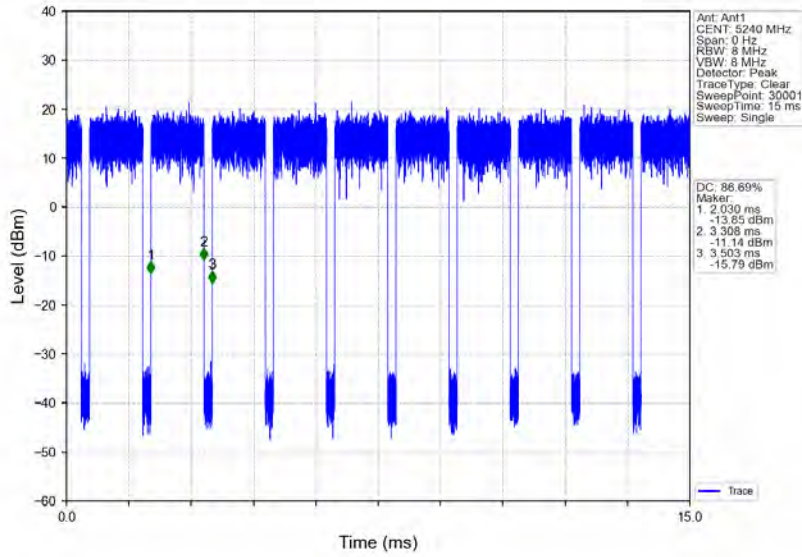
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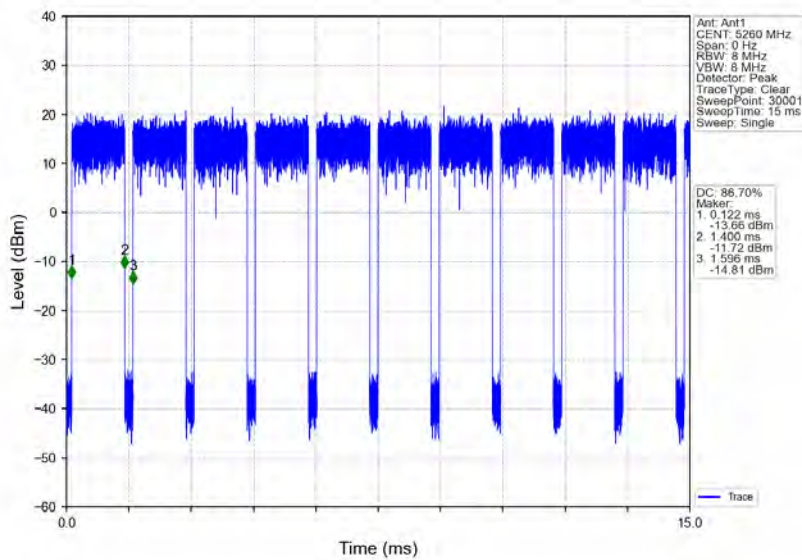
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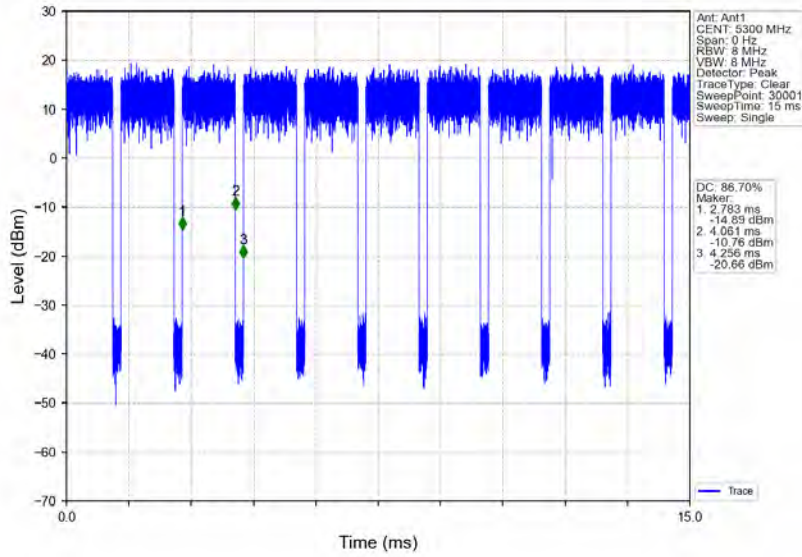
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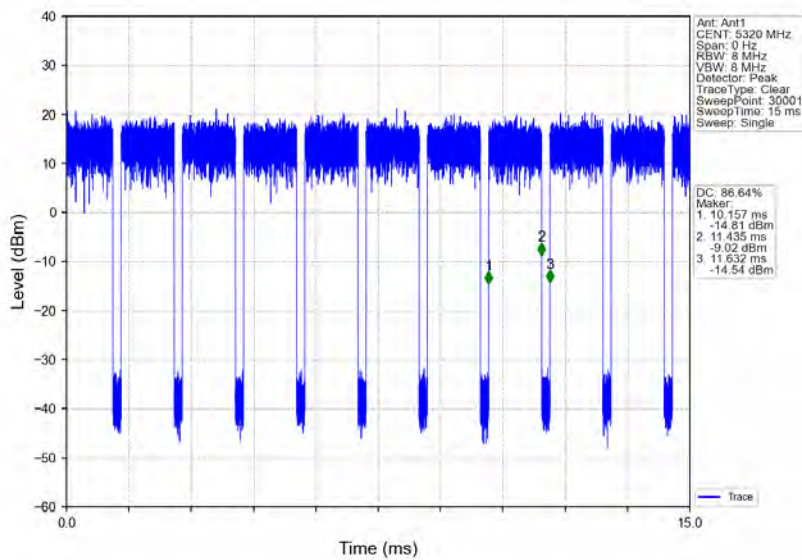
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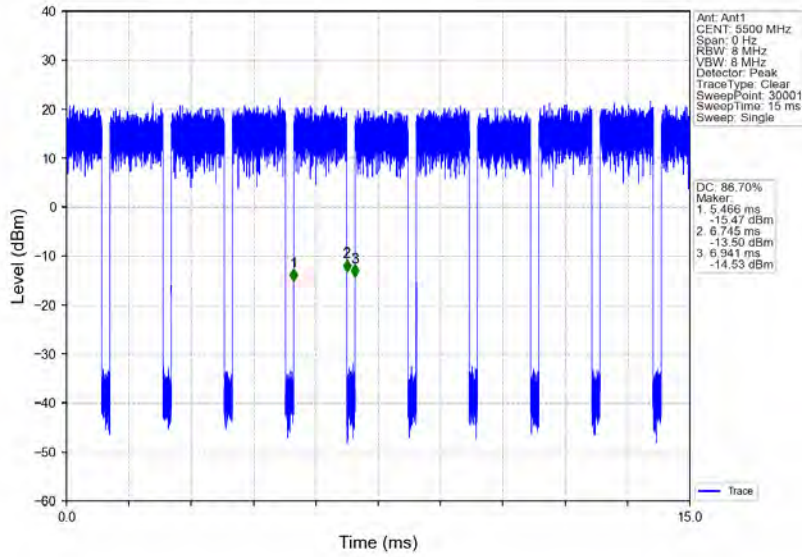
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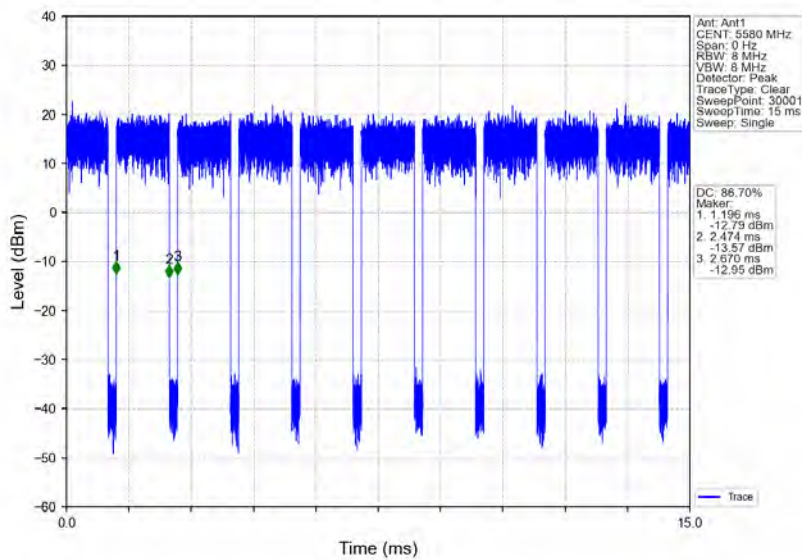
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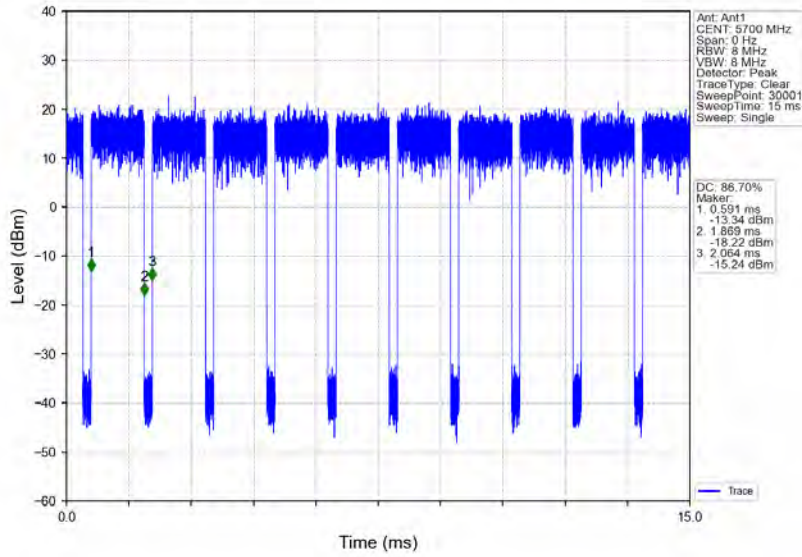
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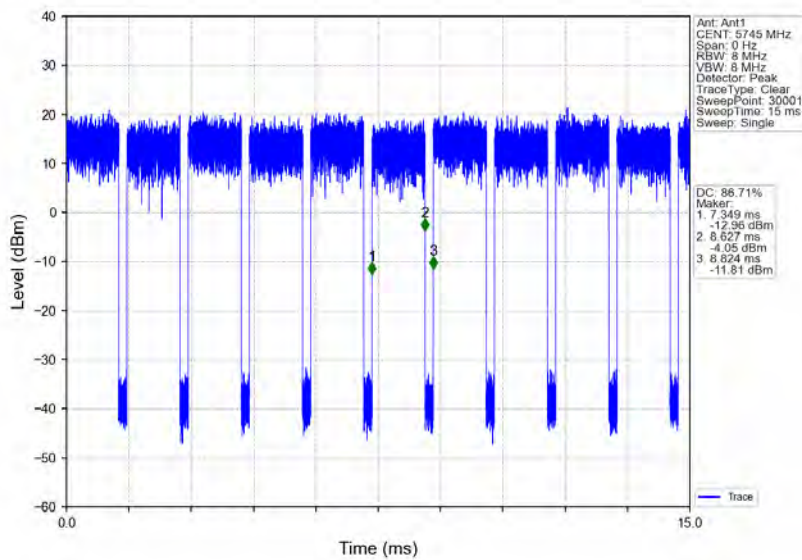
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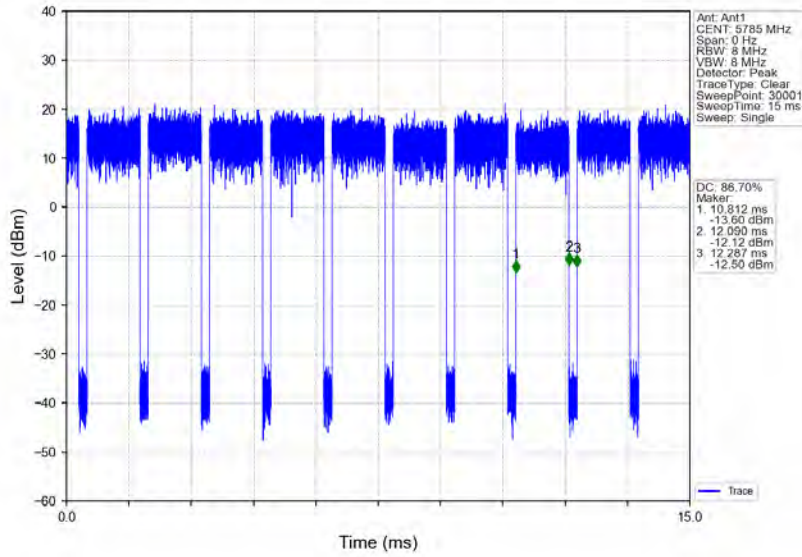
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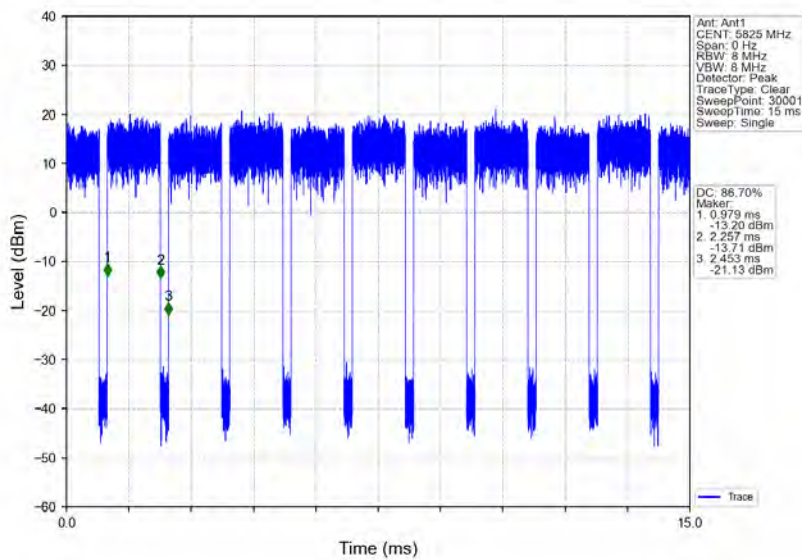
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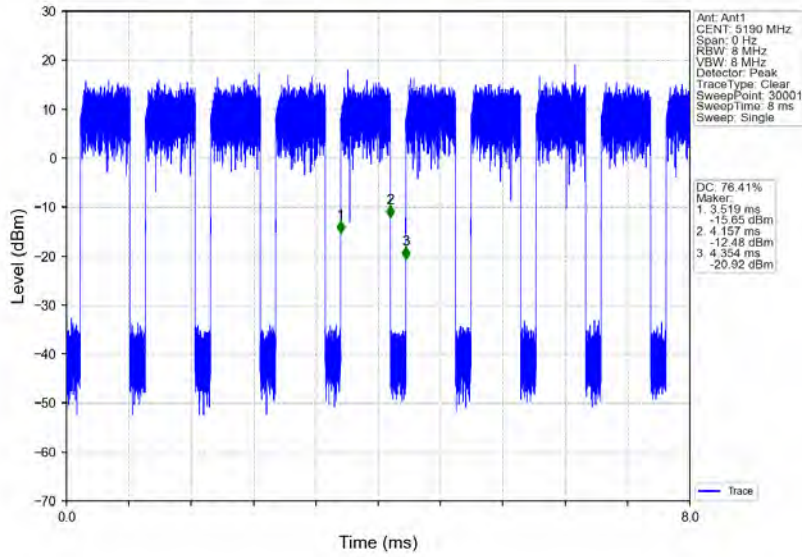
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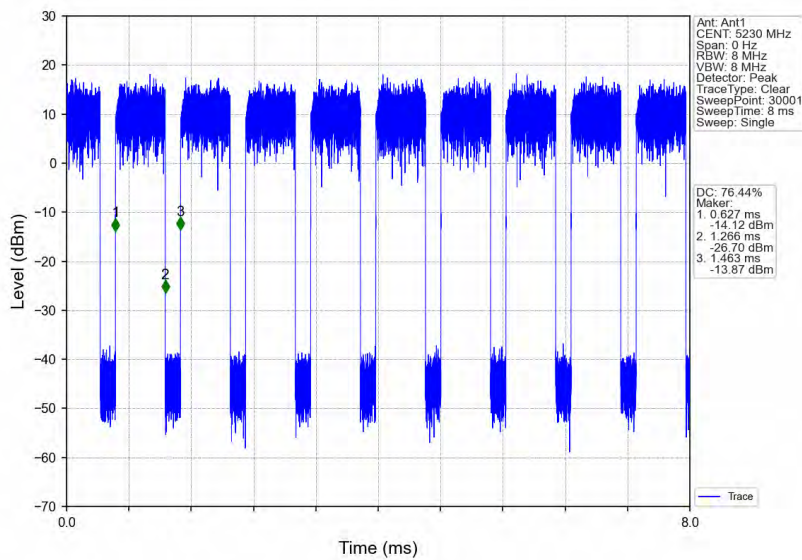
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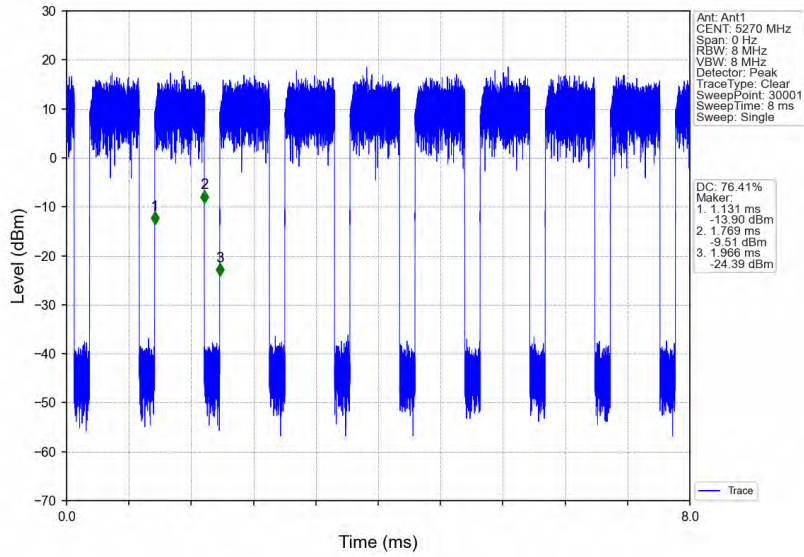
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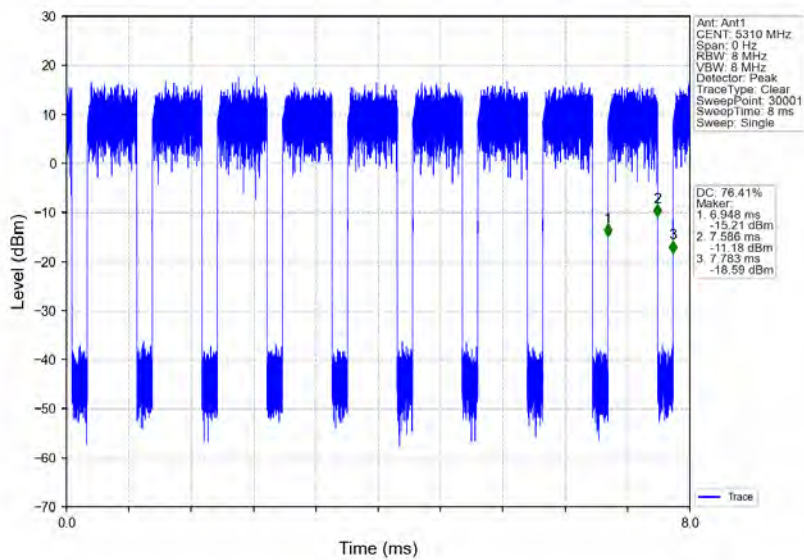
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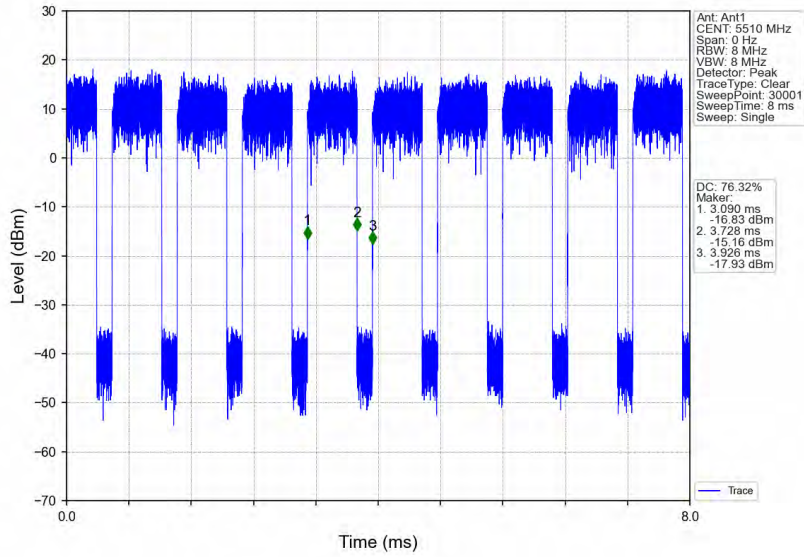
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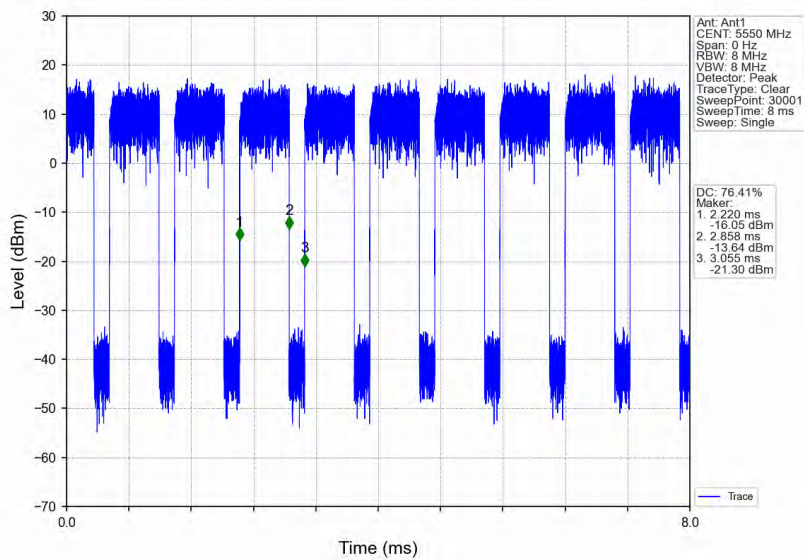
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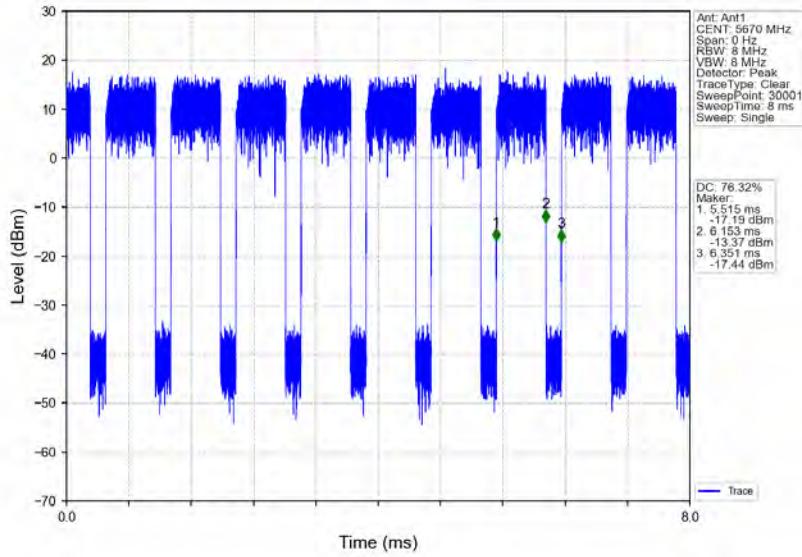
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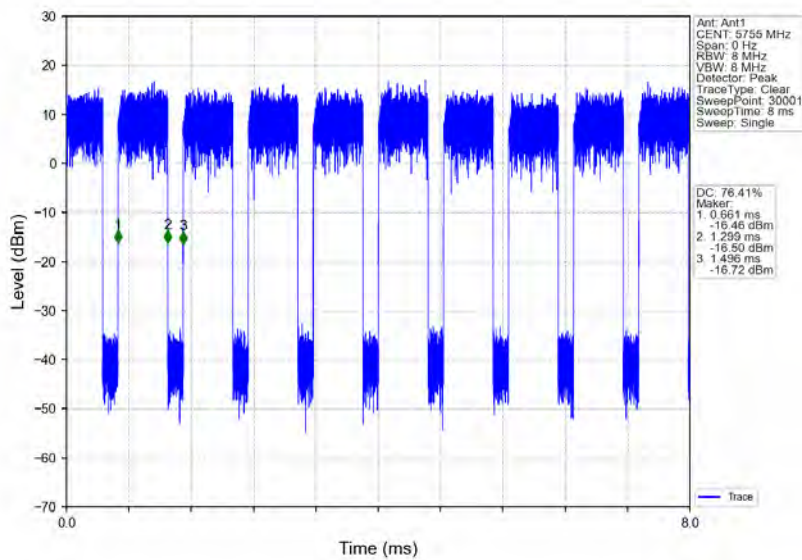
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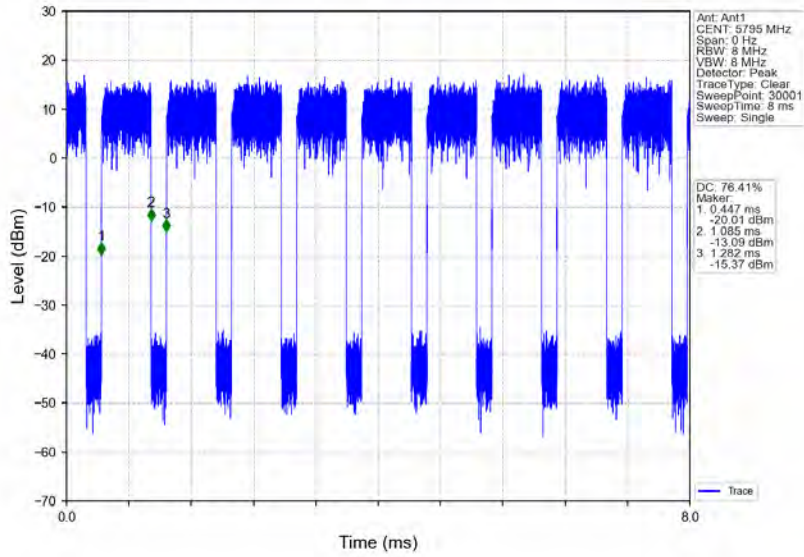
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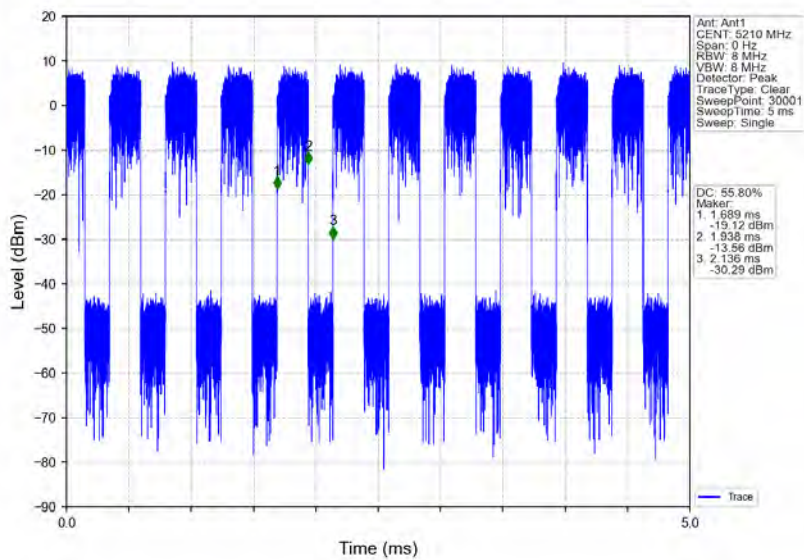
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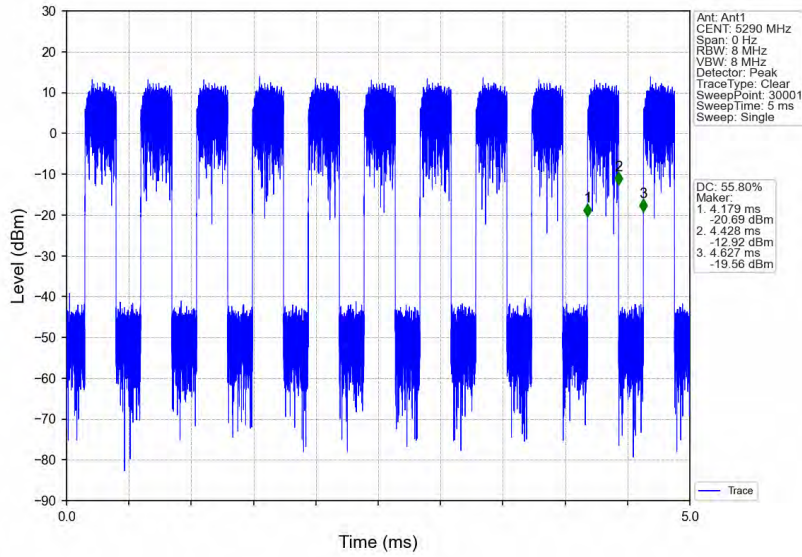
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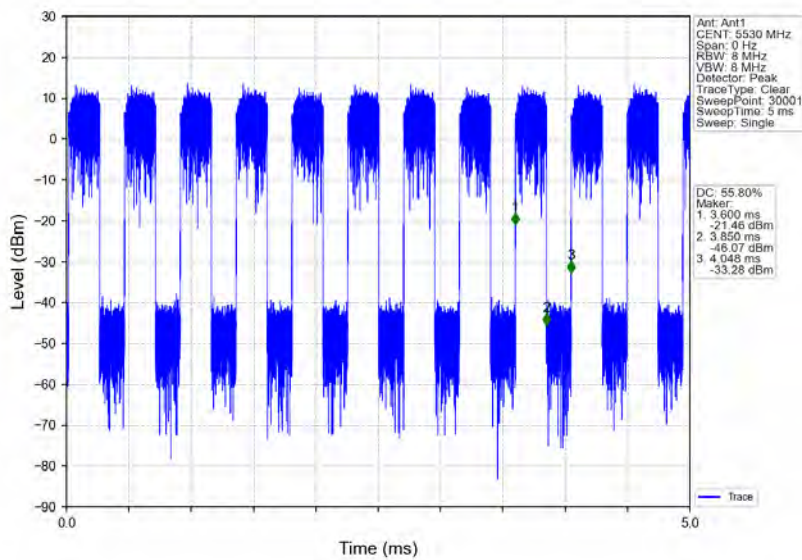
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



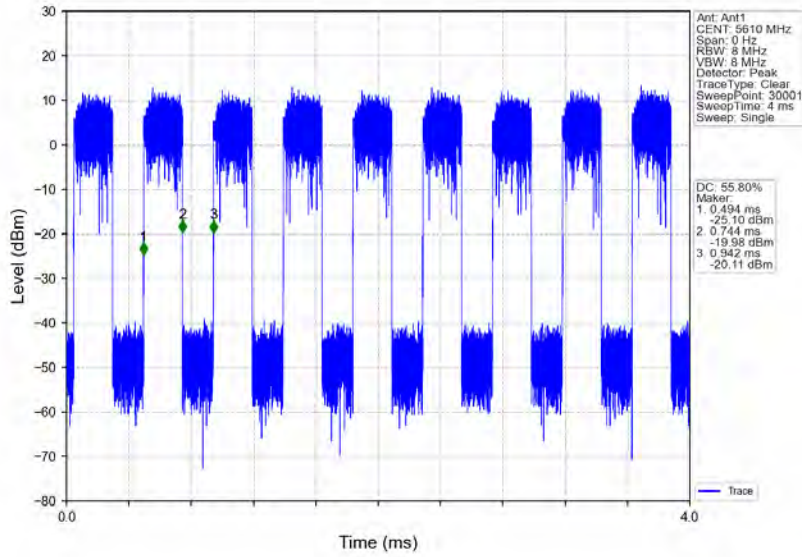
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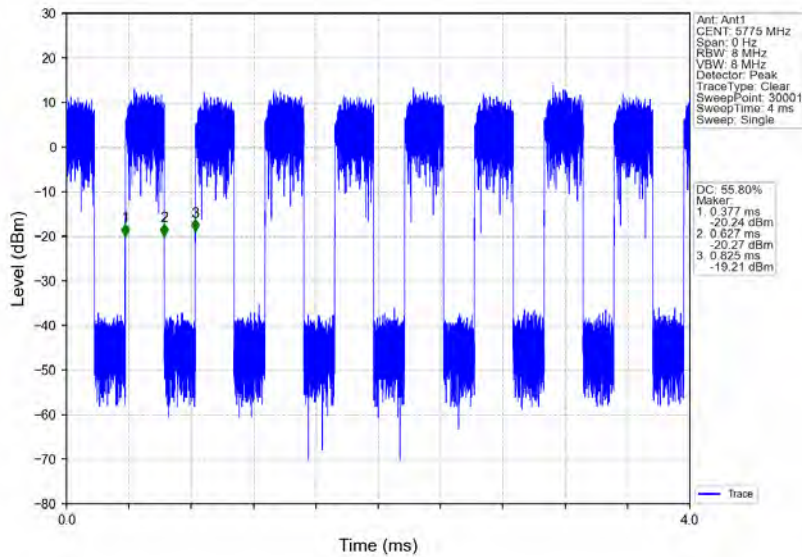
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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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	18.069	/	Pass
		5200	1	18.225	/	Pass
		5240	1	18.088	/	Pass
		5260	1	18.152	/	Pass
		5300	1	18.230	/	Pass
		5320	1	18.159	/	Pass
		5500	1	18.053	/	Pass
		5580	1	18.064	/	Pass
		5700	1	18.147	/	Pass
		5745	1	18.053	/	Pass
		5785	1	18.132	/	Pass
802.11n (HT20)	SISO	5180	1	18.945	/	Pass
		5200	1	18.904	/	Pass
		5240	1	18.885	/	Pass
		5260	1	18.926	/	Pass
		5300	1	18.910	/	Pass
		5320	1	18.940	/	Pass
		5500	1	18.839	/	Pass
		5580	1	18.843	/	Pass
		5700	1	18.900	/	Pass
		5745	1	18.780	/	Pass
		5785	1	18.874	/	Pass
802.11n (HT40)	SISO	5190	1	36.947	/	Pass
		5230	1	37.060	/	Pass
		5270	1	37.027	/	Pass
		5310	1	36.875	/	Pass
		5510	1	36.823	/	Pass
		5550	1	36.692	/	Pass
		5670	1	36.718	/	Pass
		5755	1	36.809	/	Pass
		5795	1	37.001	/	Pass
802.11ac (VHT80)	SISO	5210	1	75.463	/	Pass
		5290	1	75.844	/	Pass
		5530	1	75.144	/	Pass



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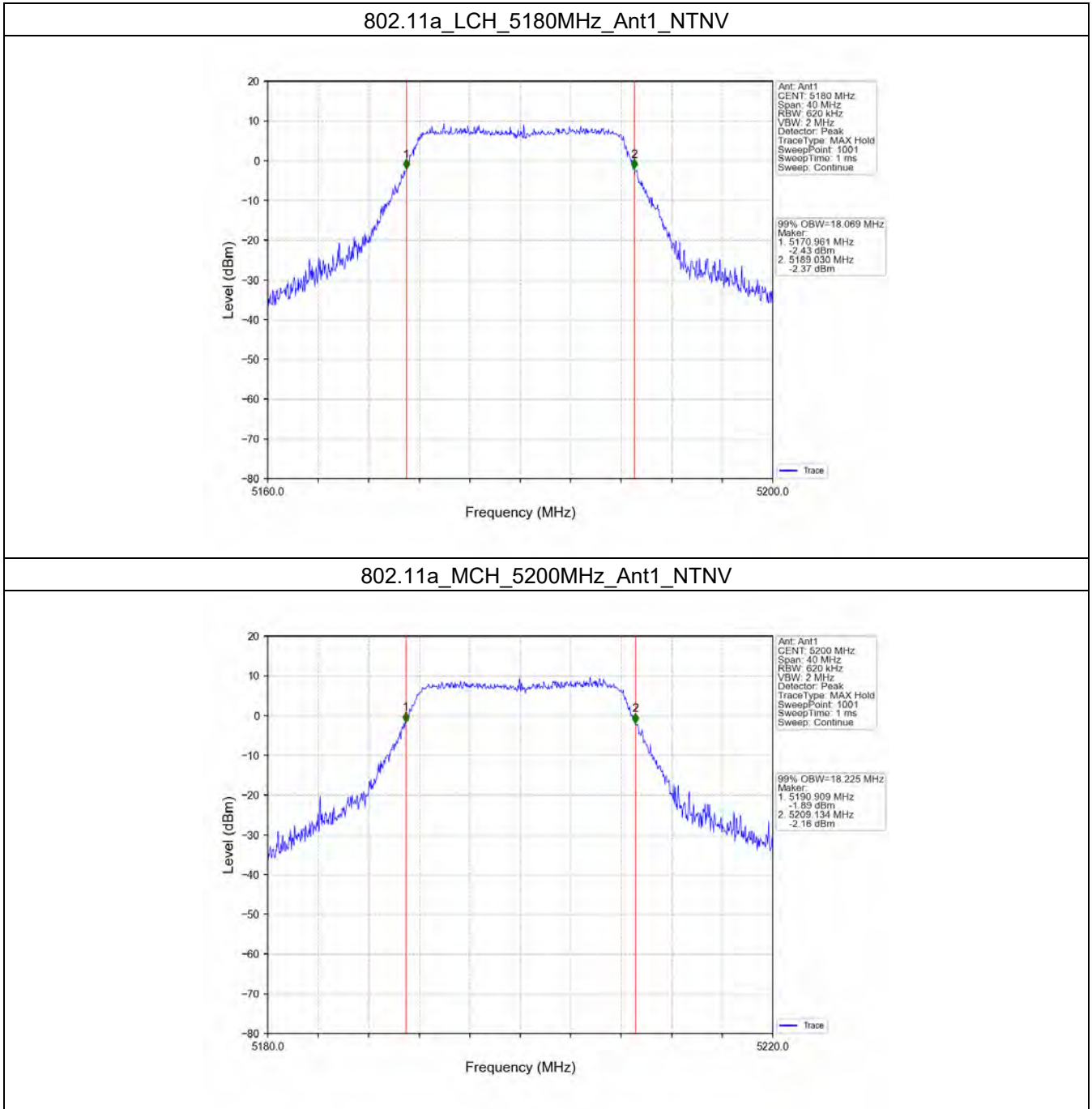
CCSEM-TRF-001 Rev. 02 Sep 01, 2023

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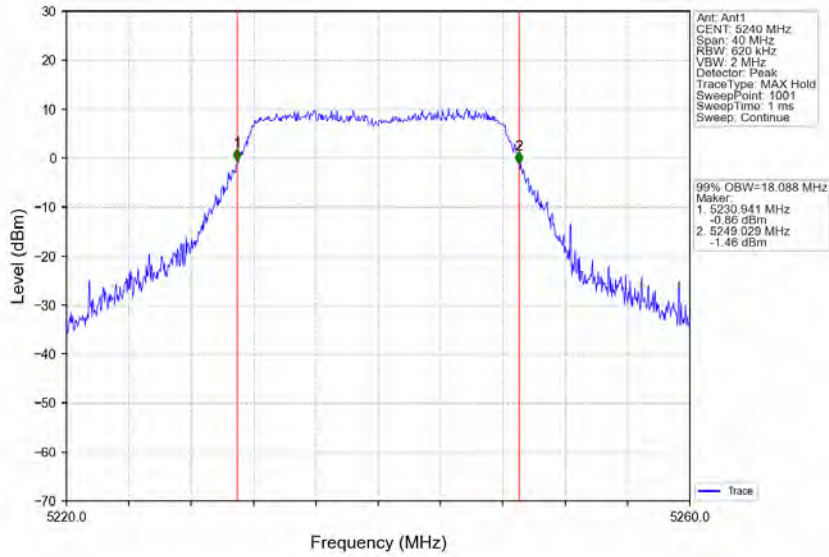
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		5610	1	75.362	/	Pass
		5775	1	75.485	/	Pass

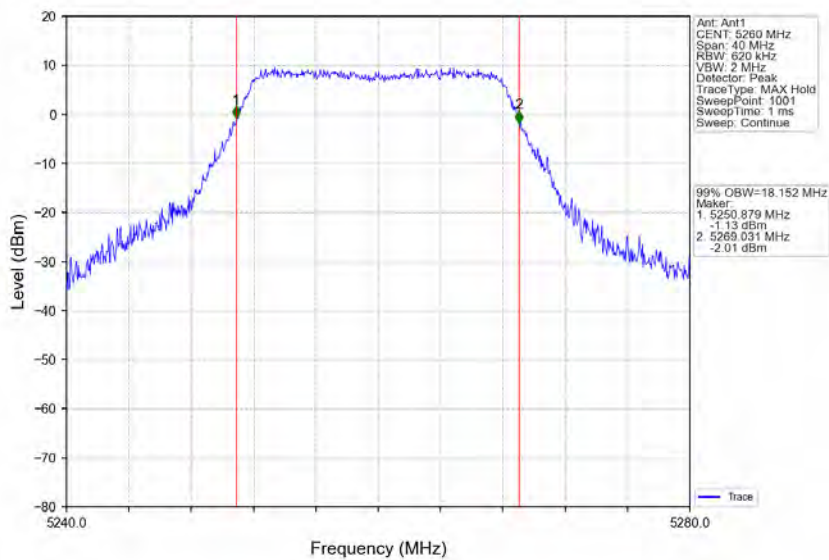
2.1.2 Test Graph



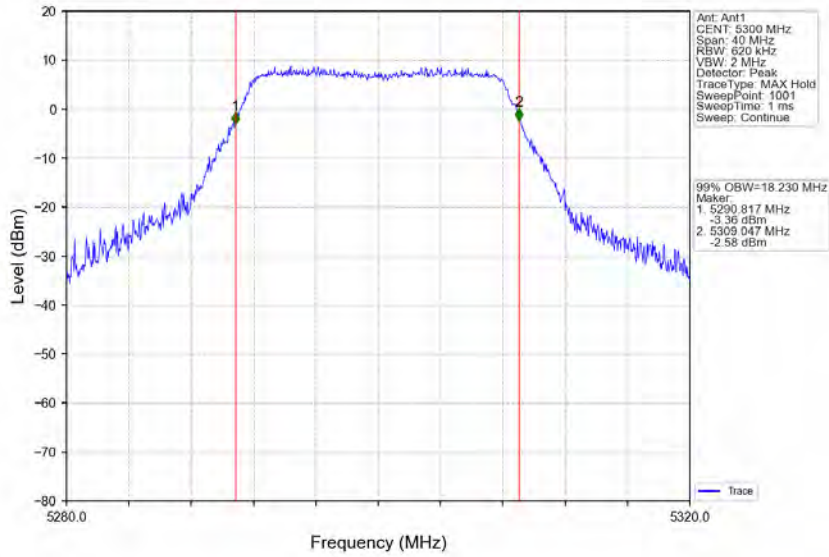
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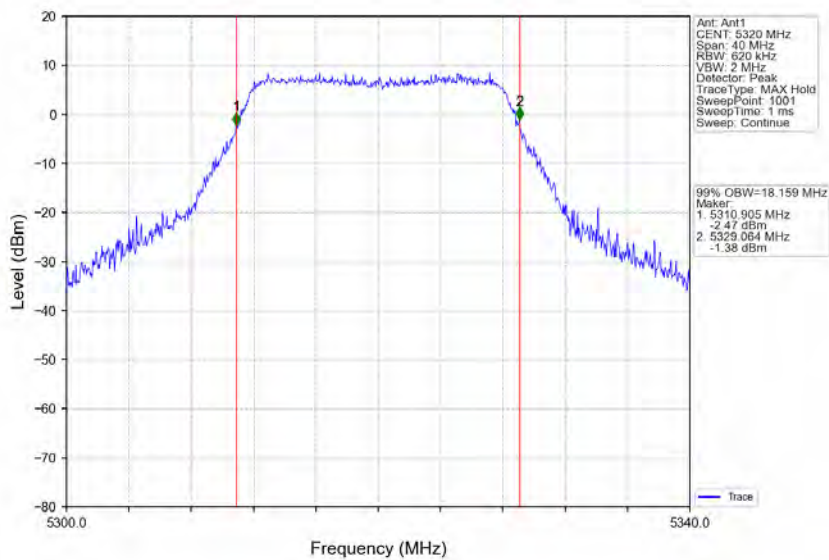
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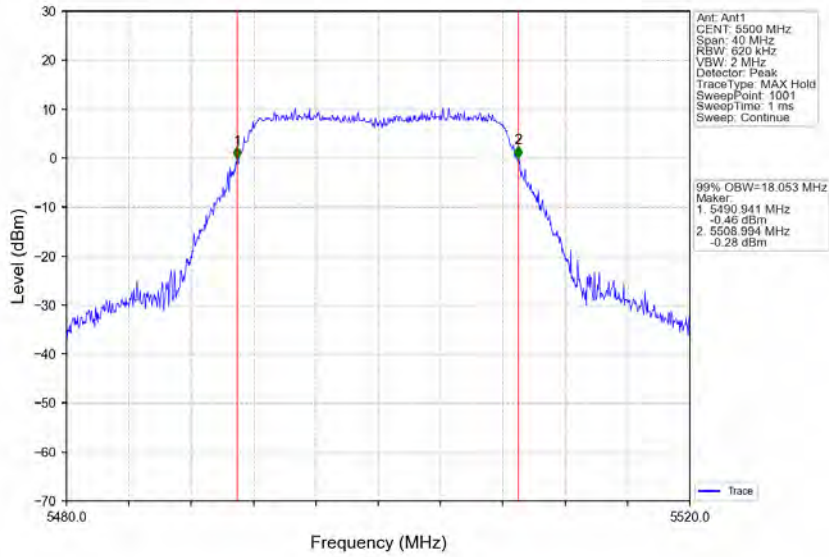
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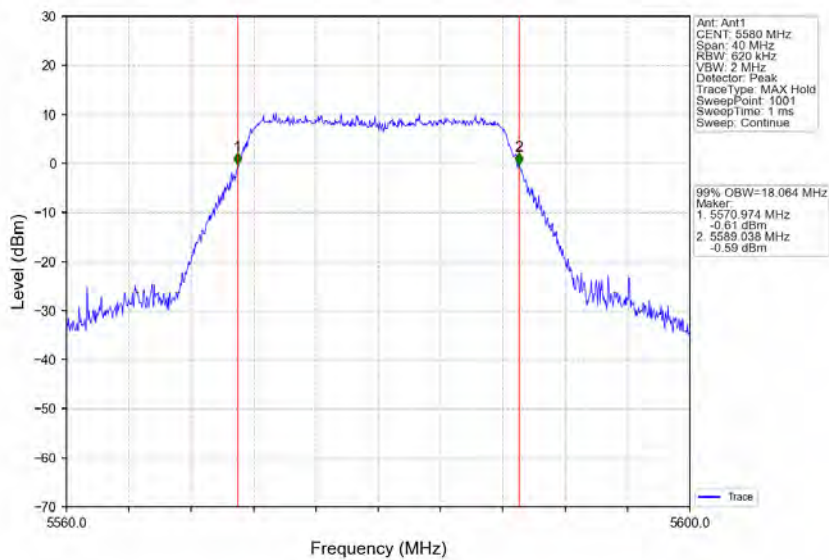
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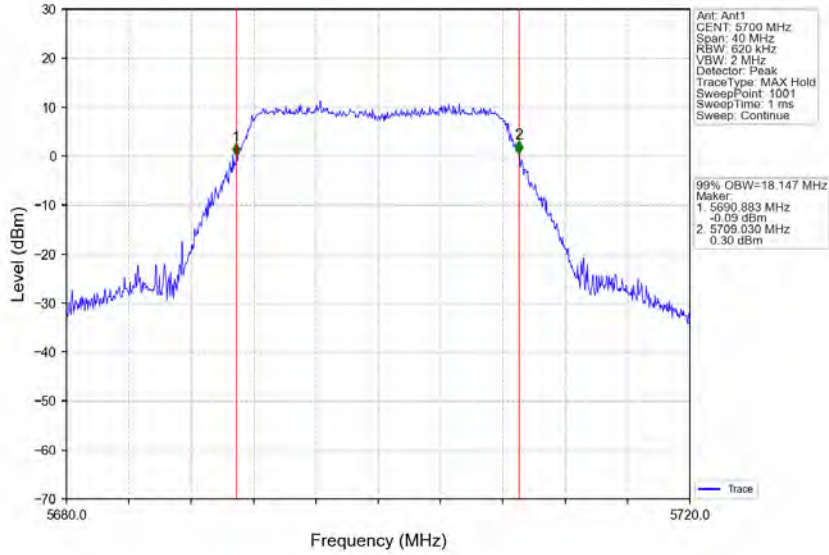
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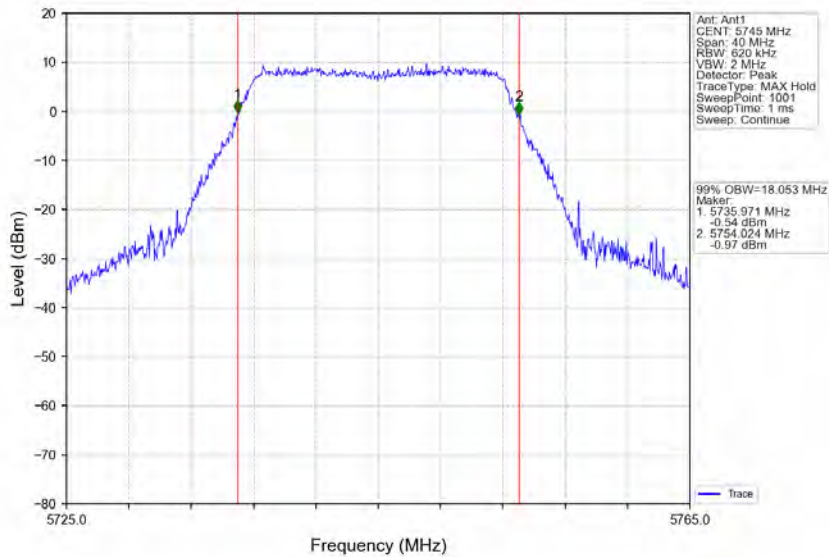
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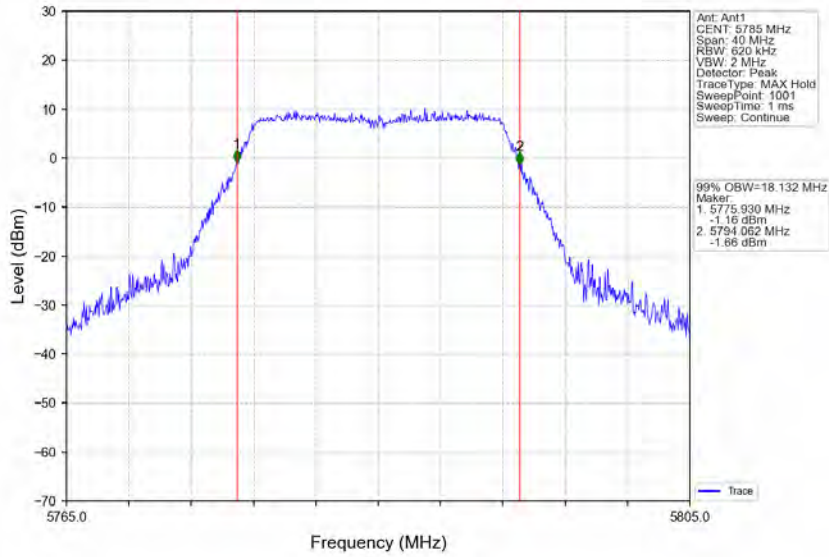
802.11a_HCH_5700MHz_Ant1_NTNV



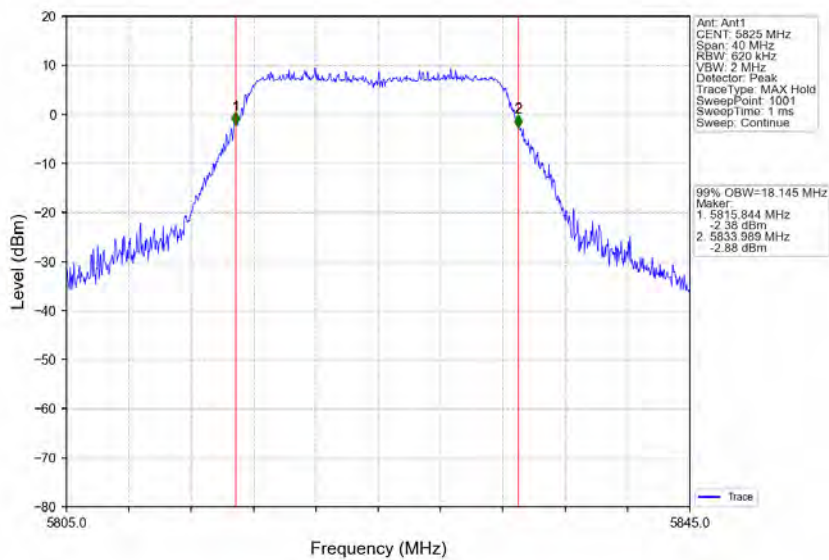
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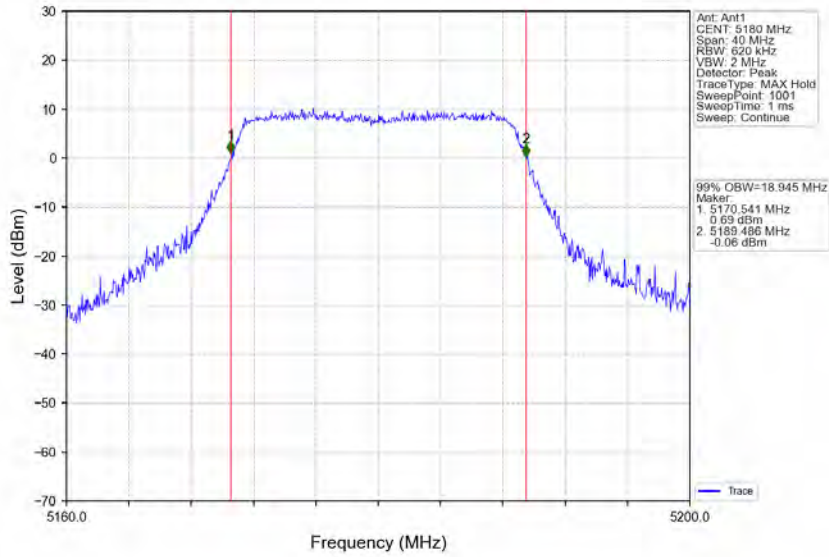
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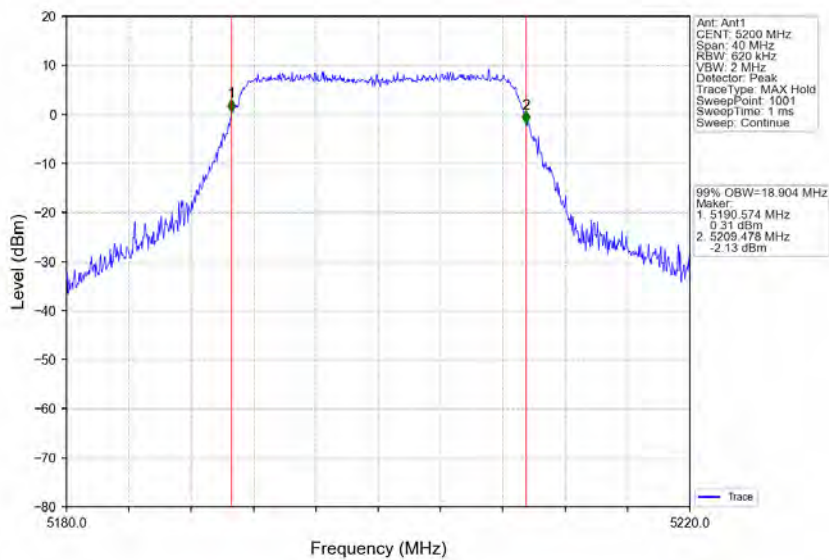
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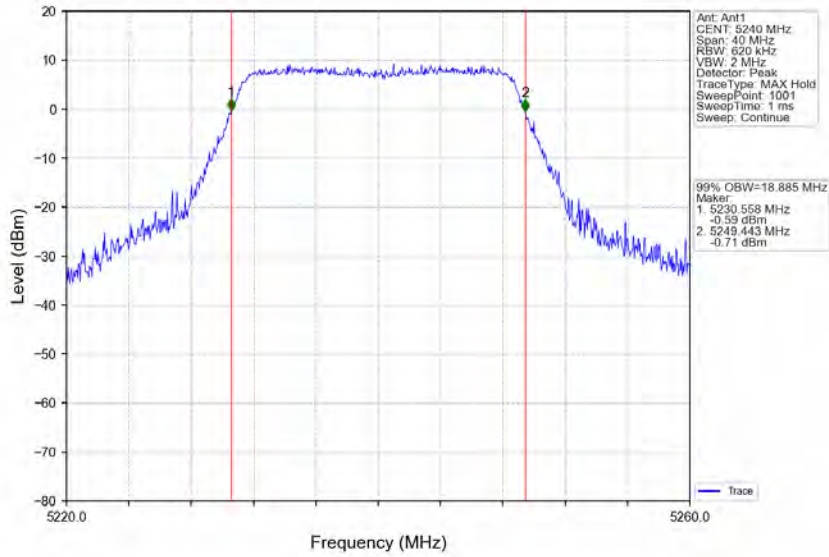
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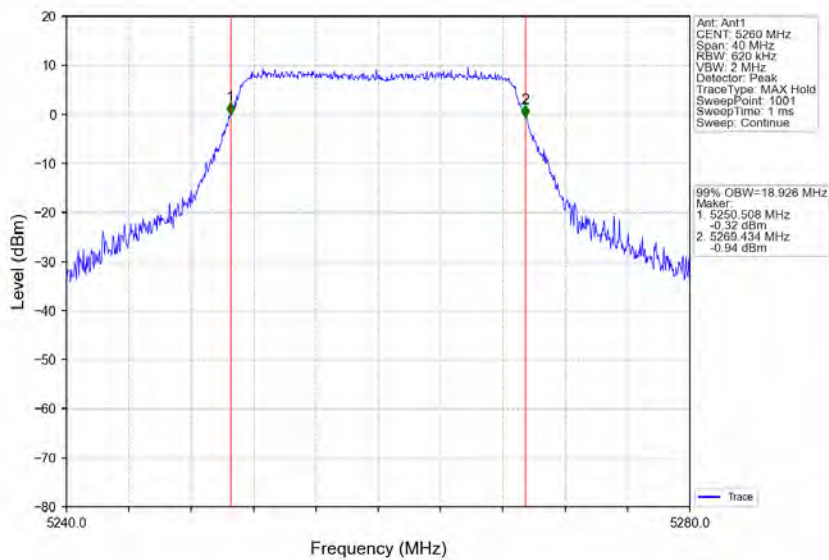
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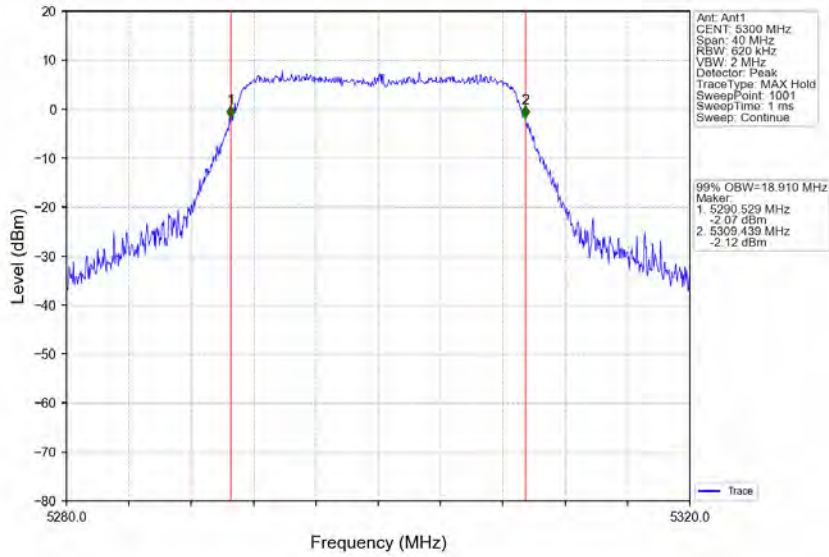
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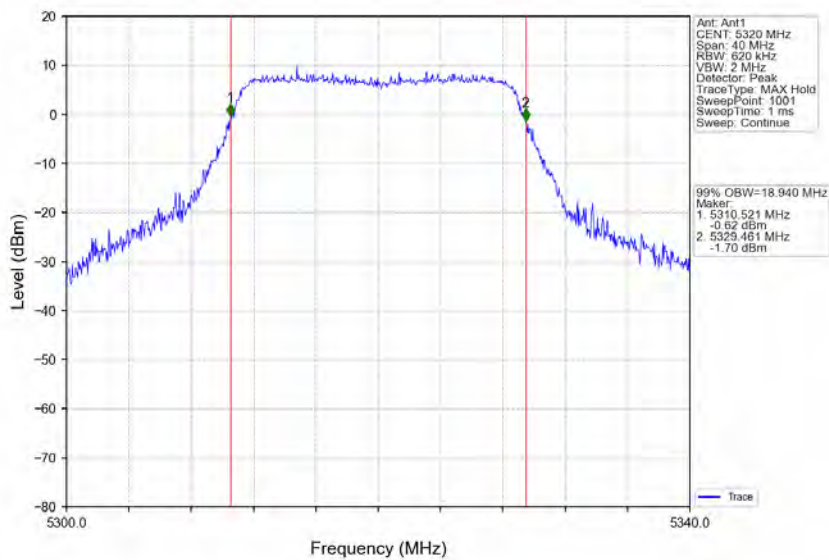
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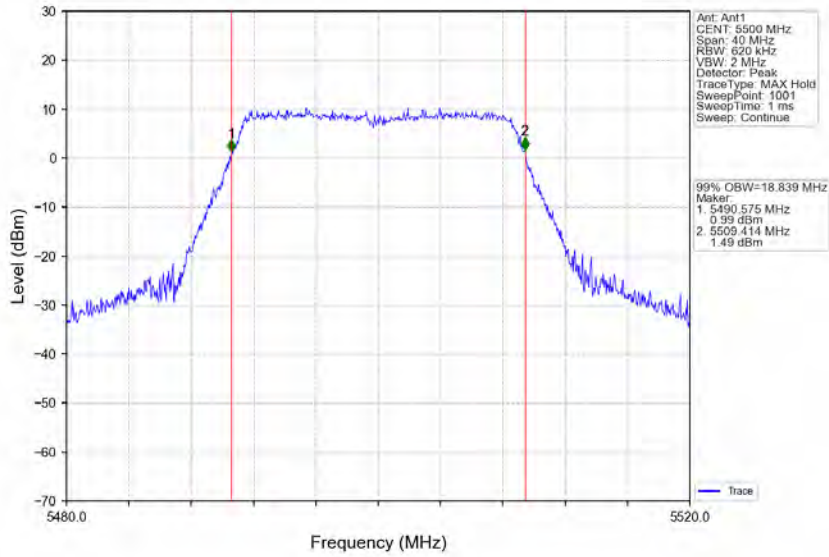
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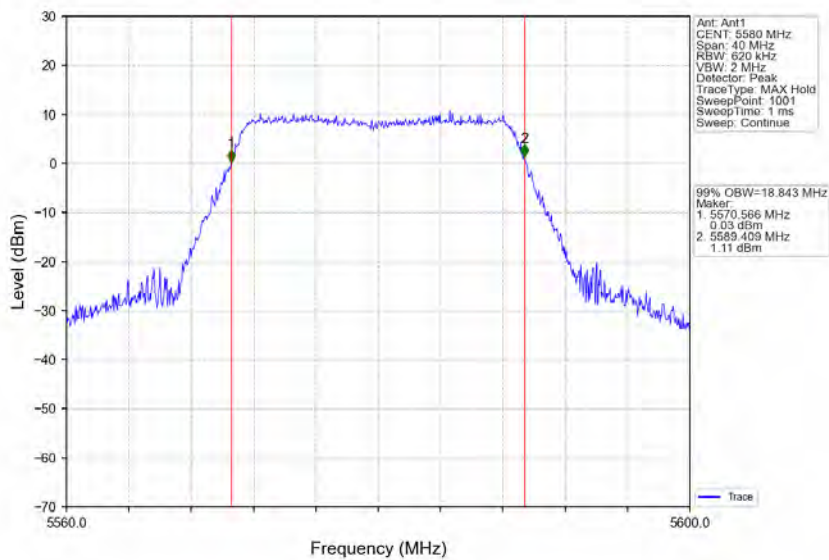
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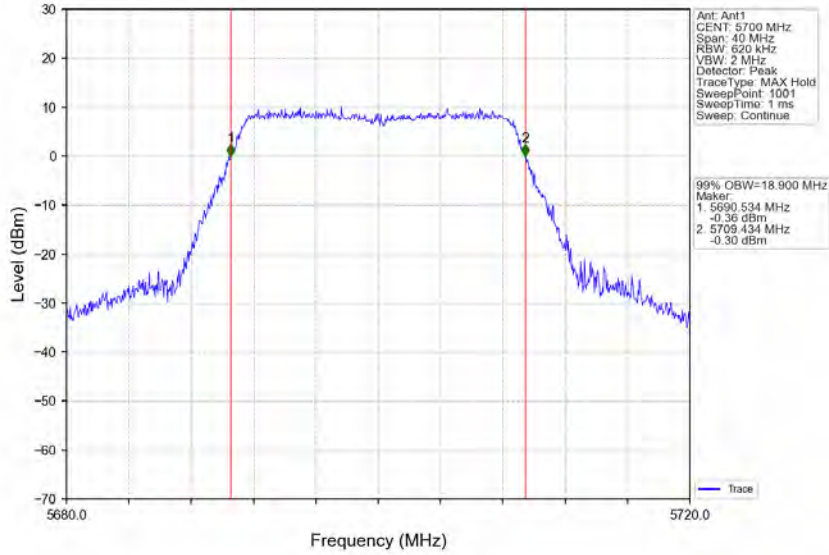
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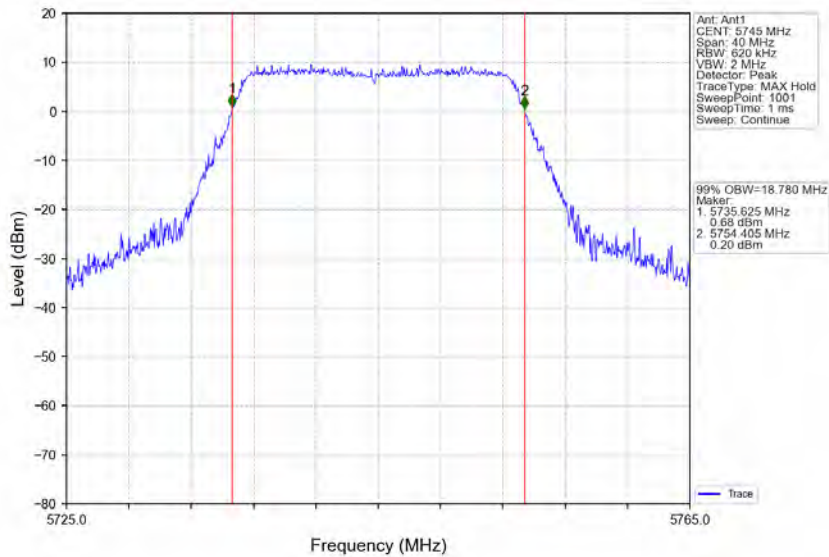
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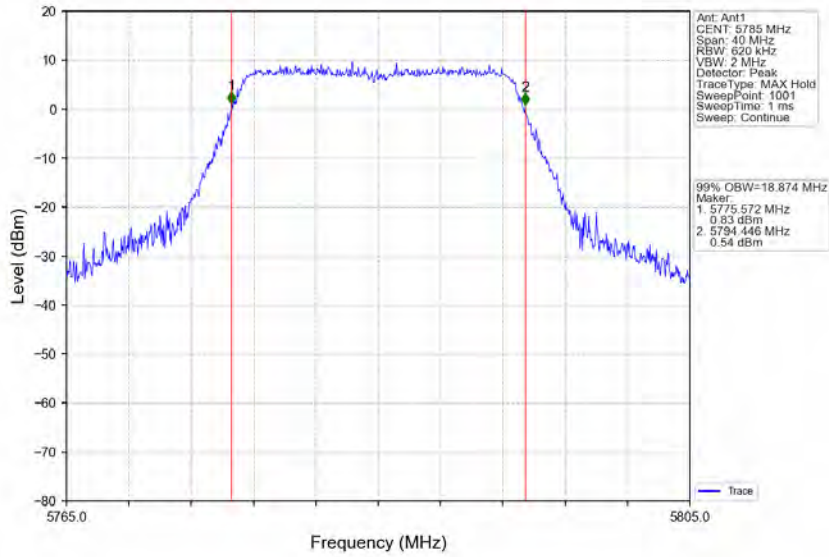
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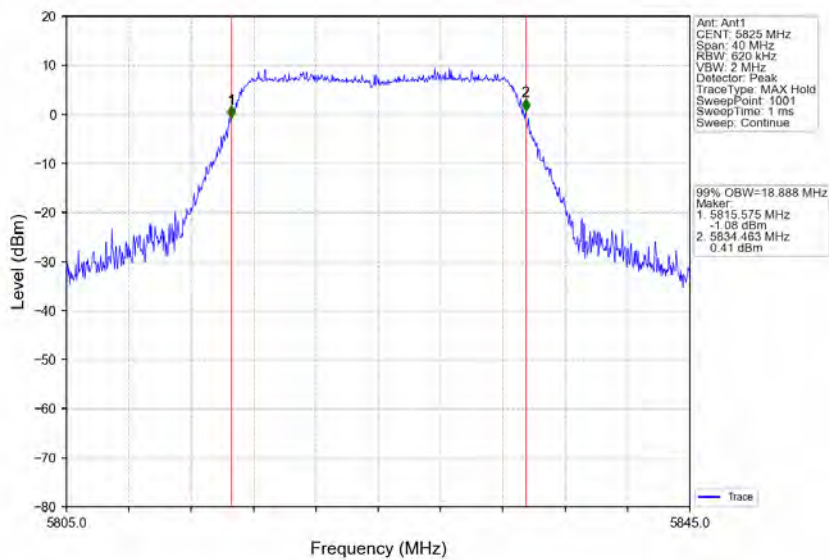
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



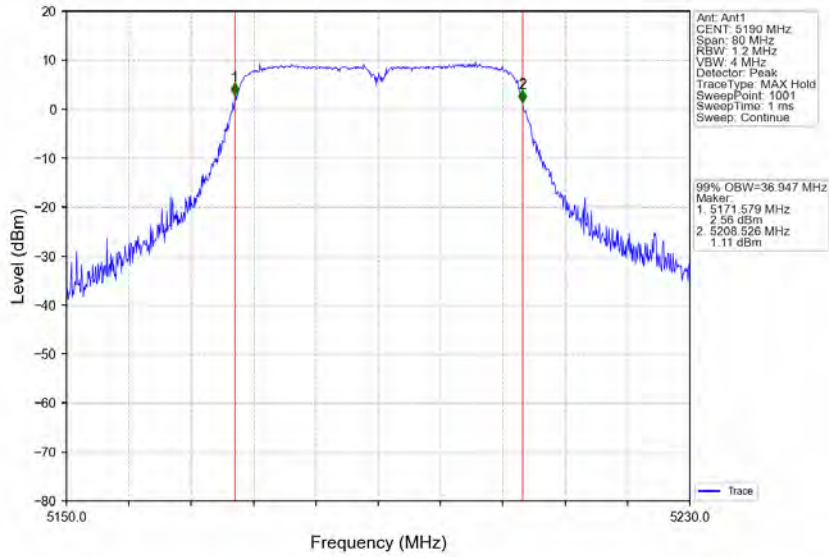
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



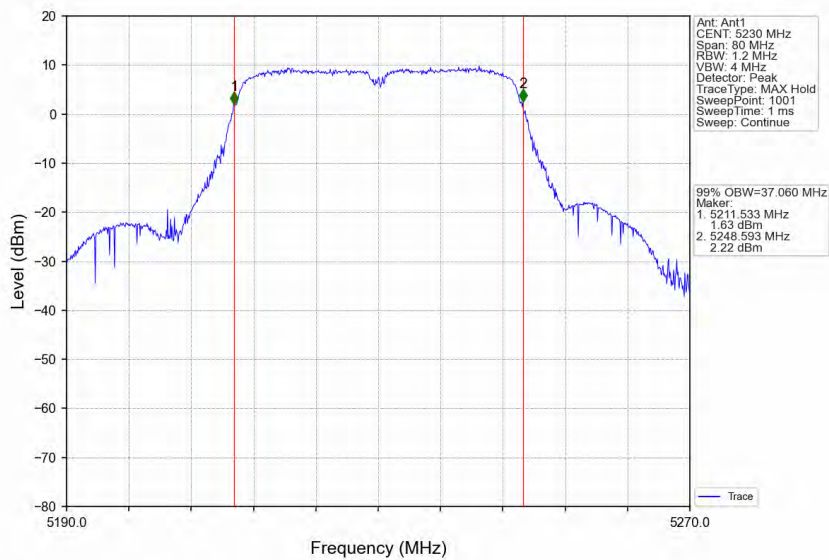
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



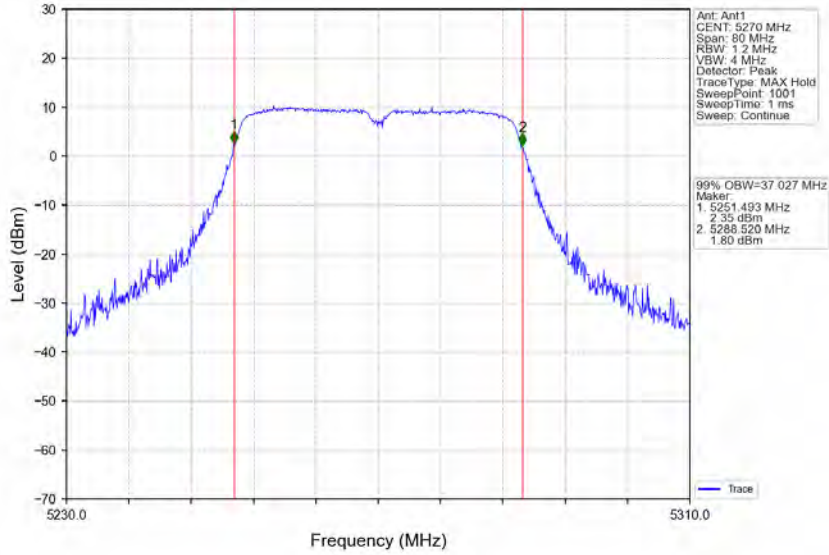
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



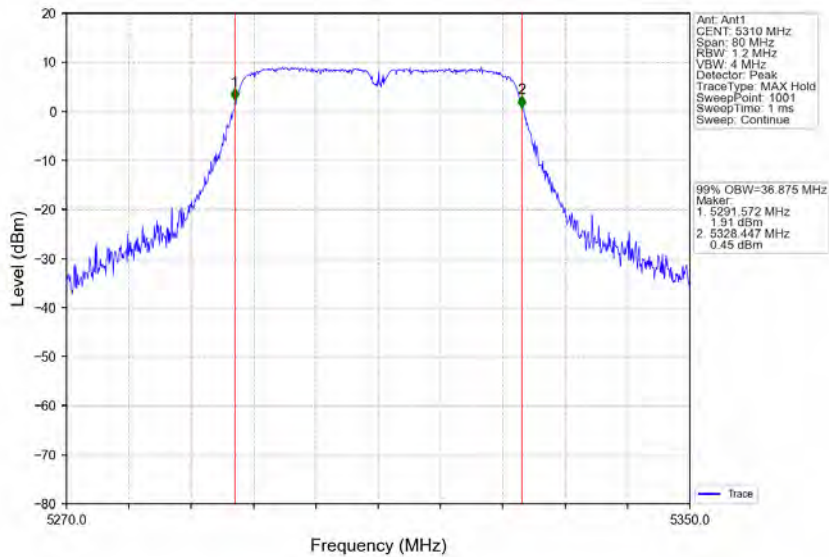
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



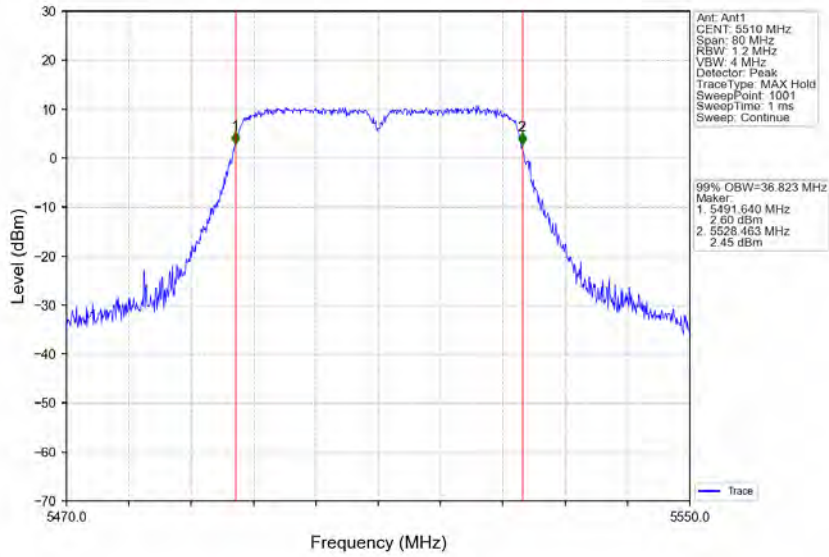
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



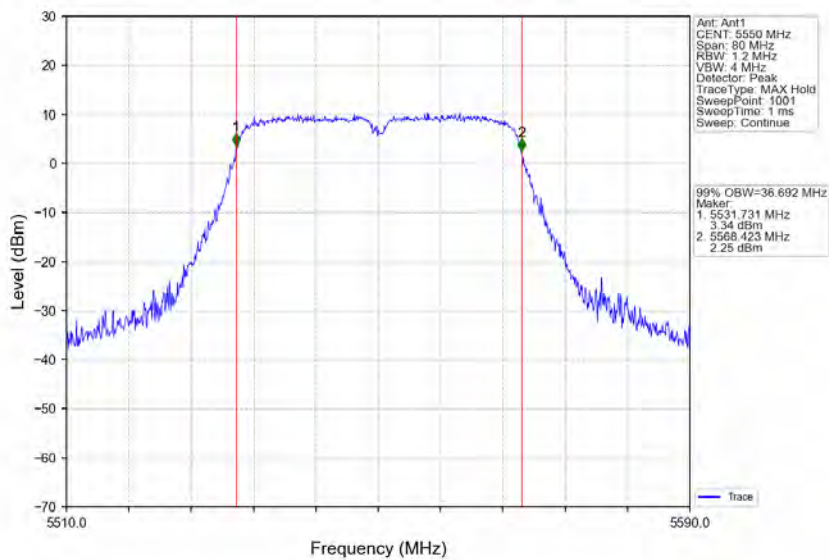
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



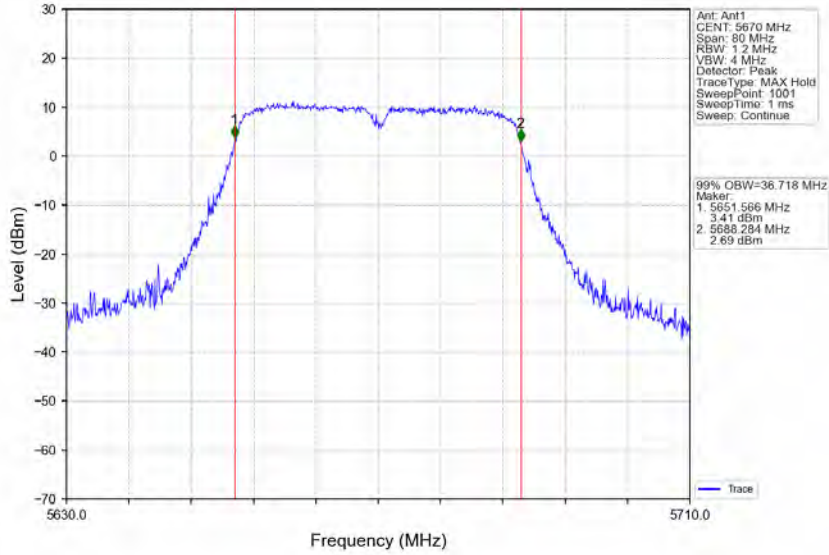
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



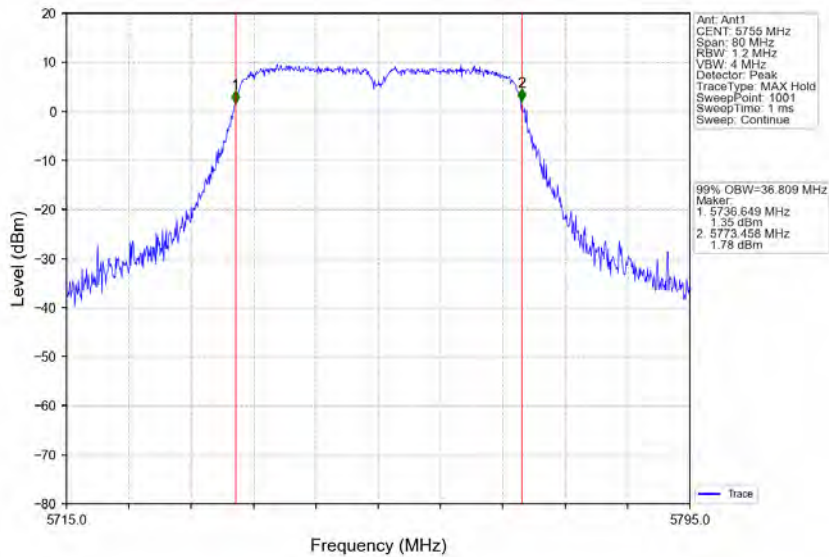
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



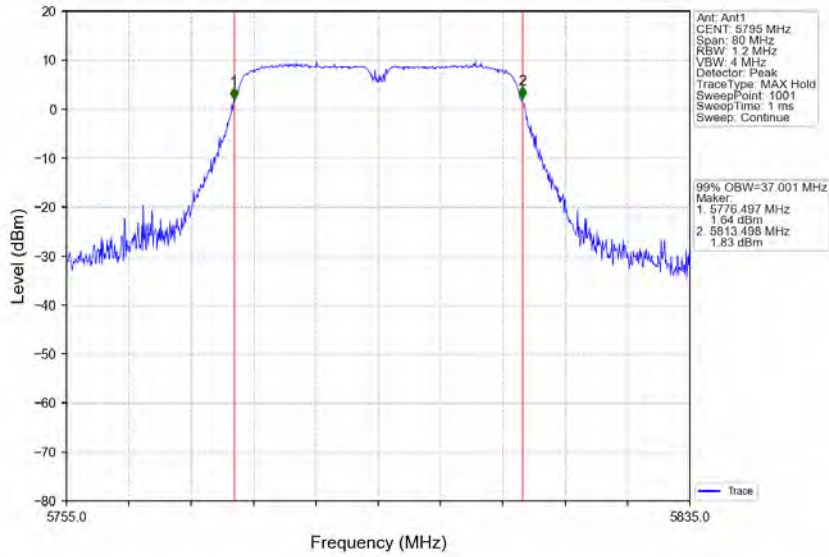
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



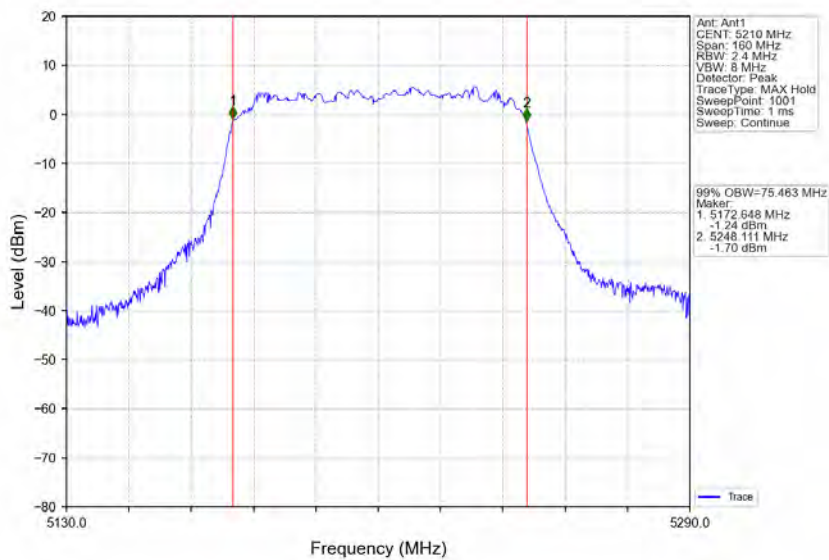
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



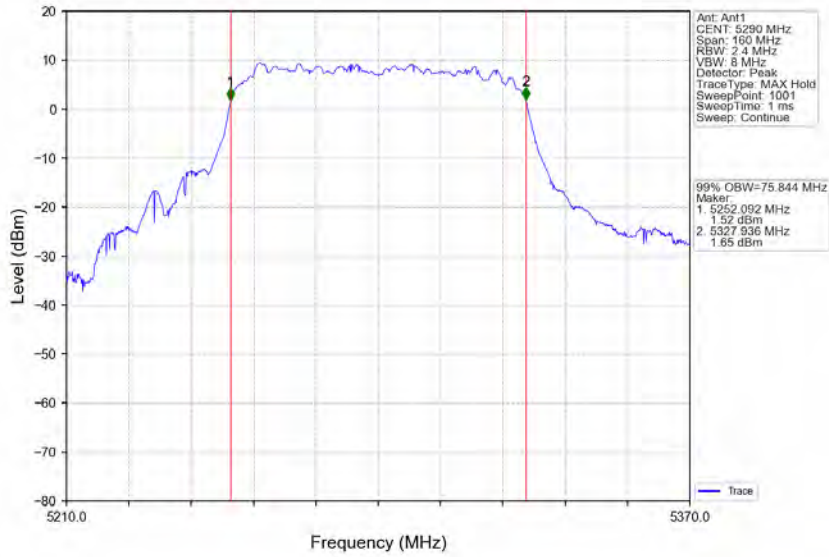
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



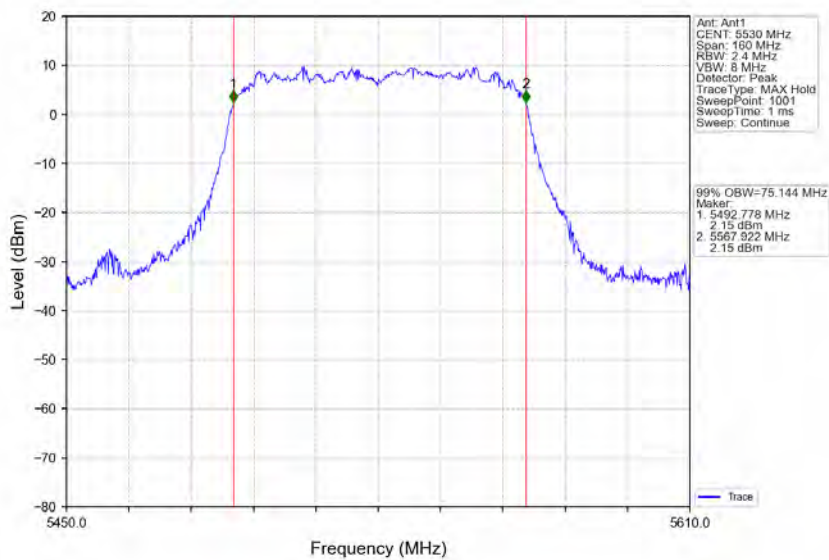
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



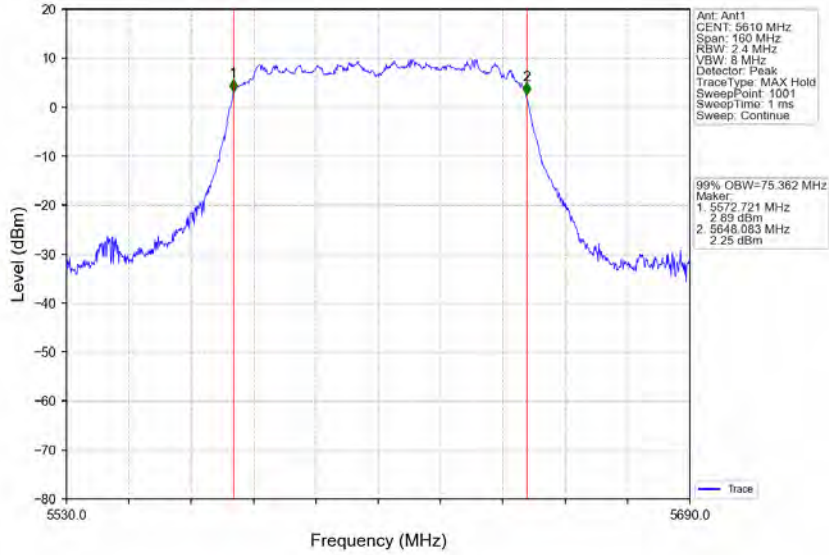
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



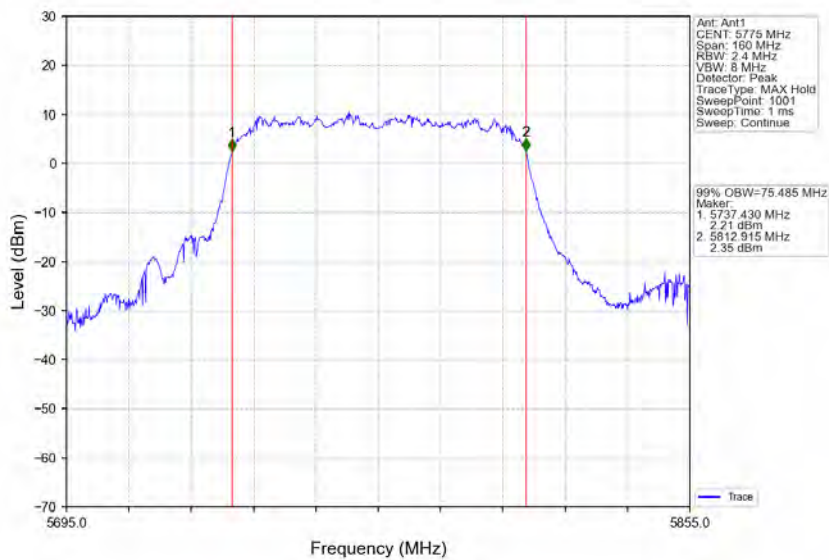
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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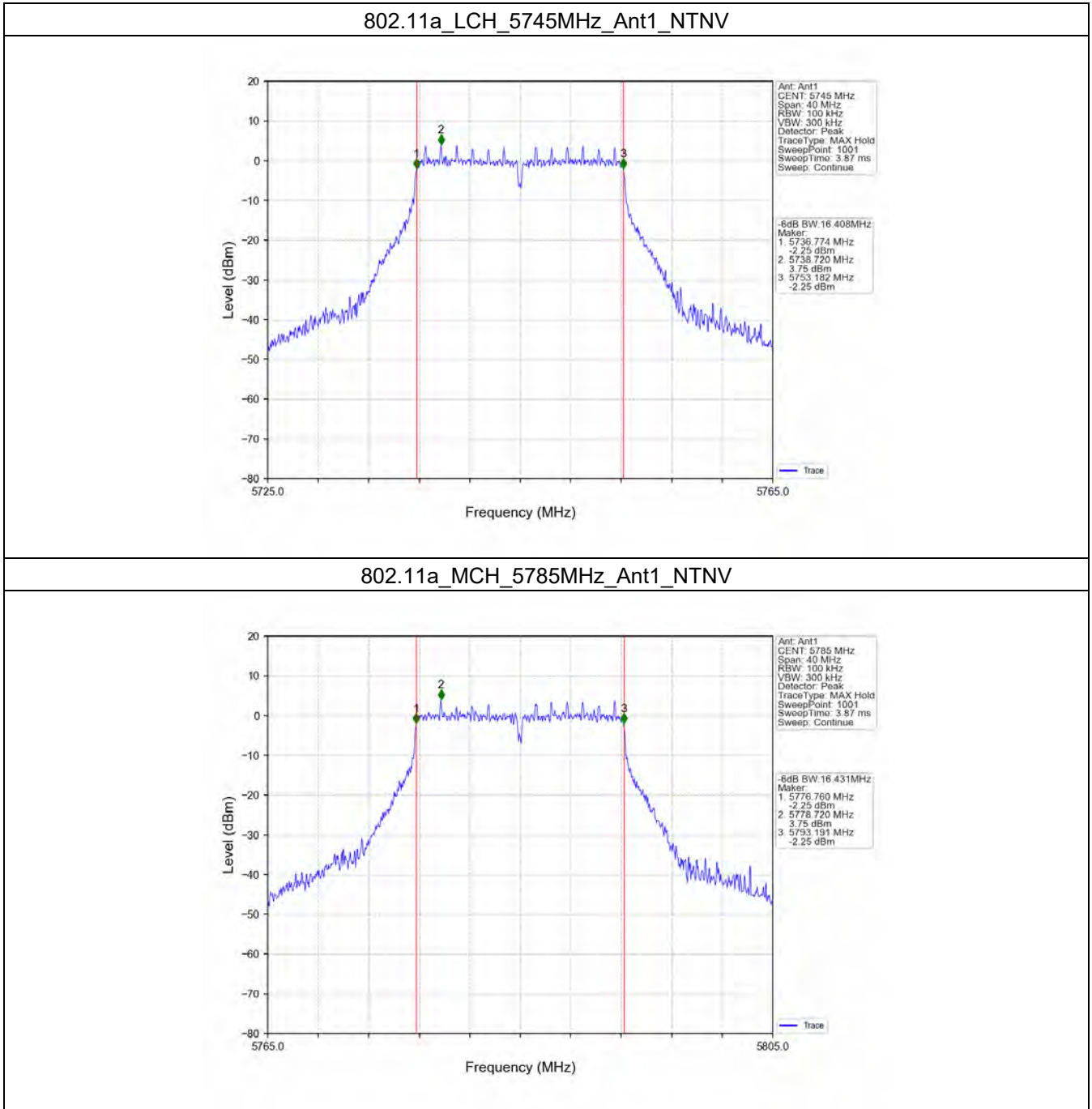
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2.2 6dB BW

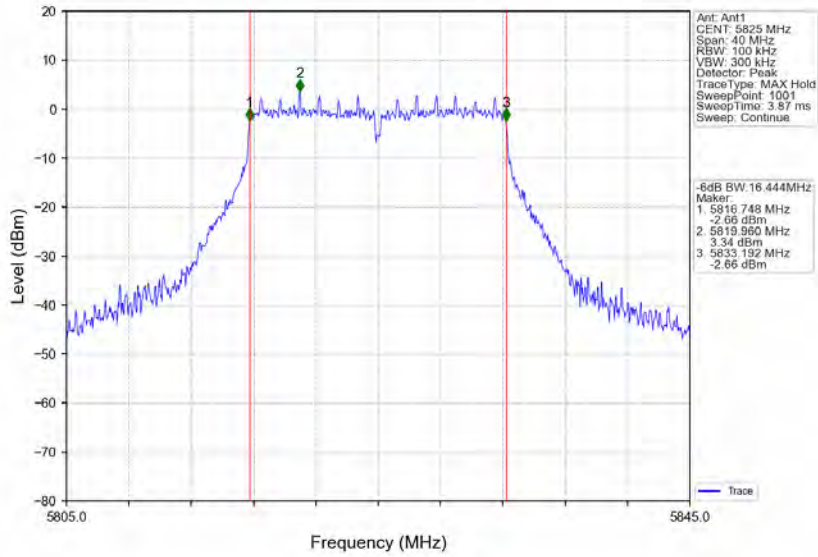
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.408	>=0.5	Pass
		5785	1	16.431	>=0.5	Pass
		5825	1	16.444	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.632	>=0.5	Pass
		5785	1	17.618	>=0.5	Pass
		5825	1	17.676	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	35.200	>=0.5	Pass
		5795	1	35.219	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.121	>=0.5	Pass

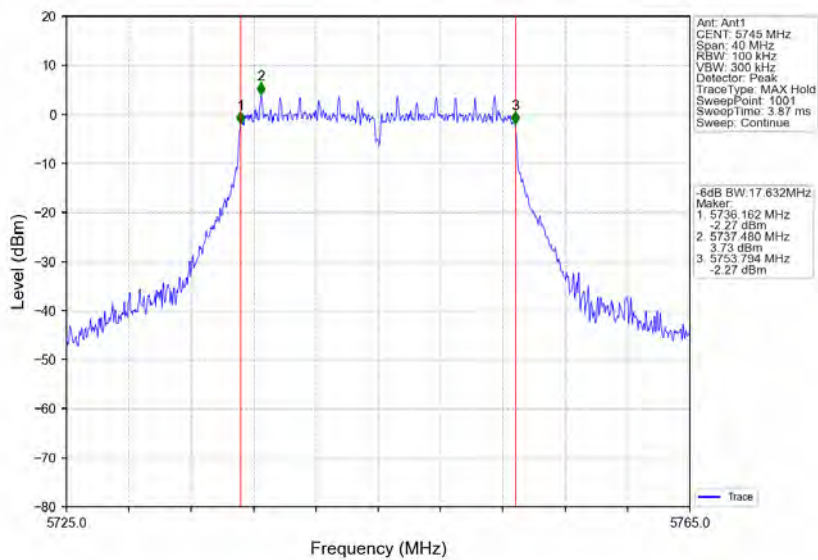
2.2.2 Test Graph



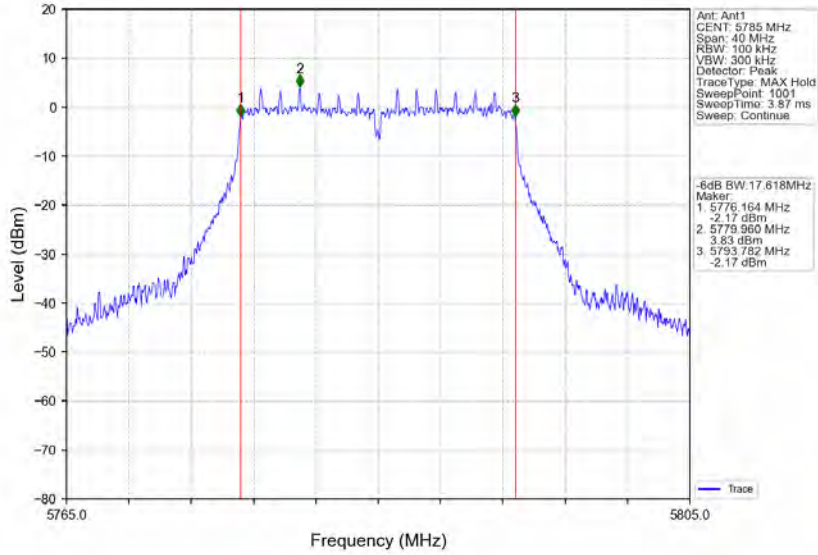
802.11a_HCH_5825MHz_Ant1_NTNV



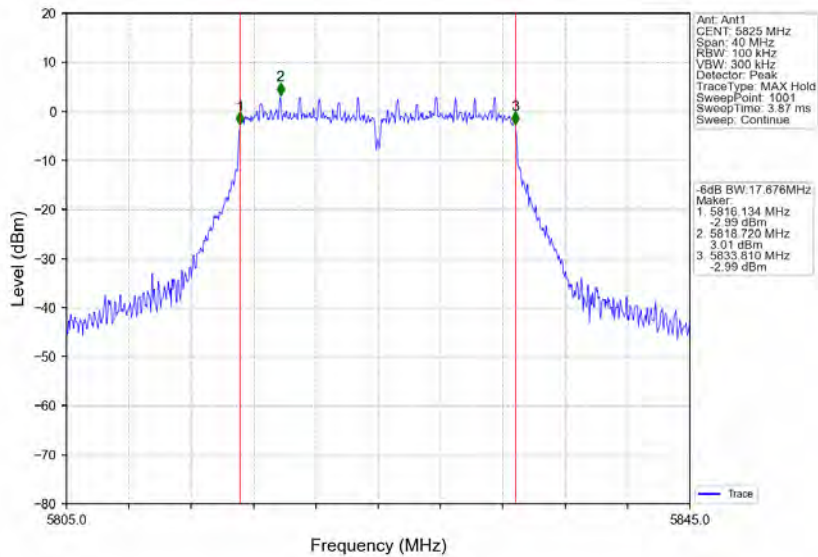
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



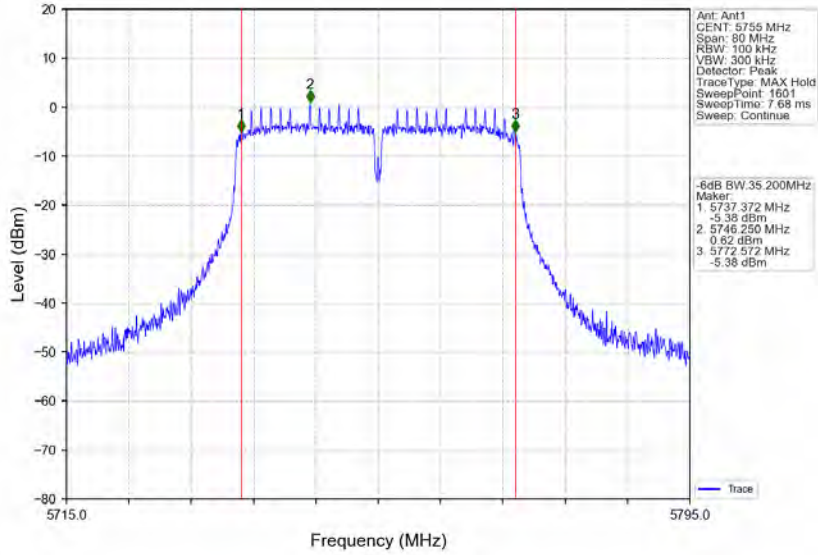
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



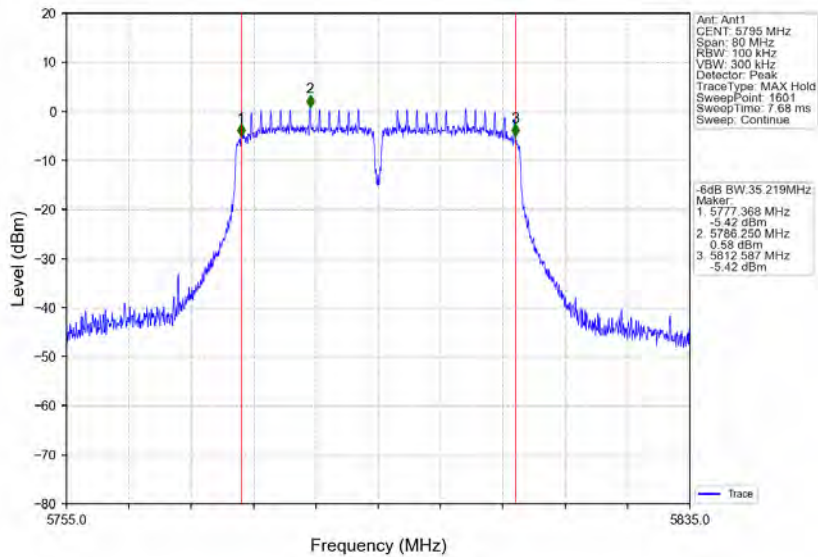
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



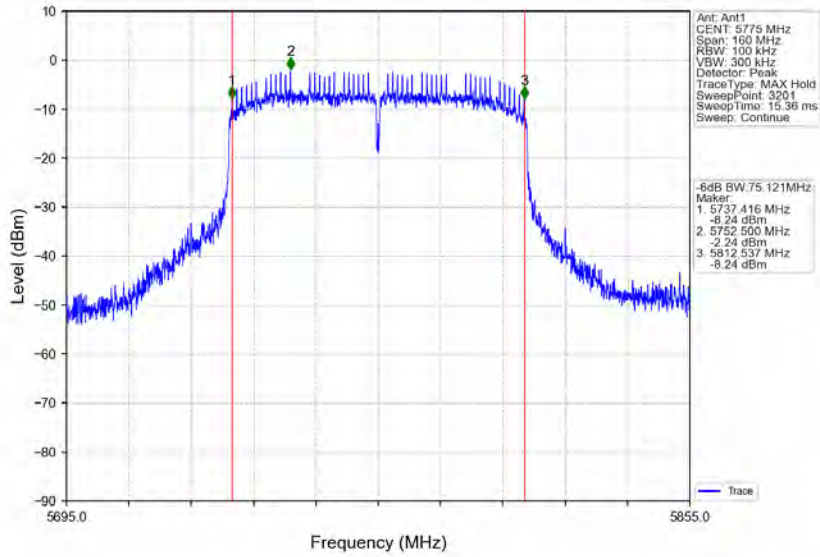
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

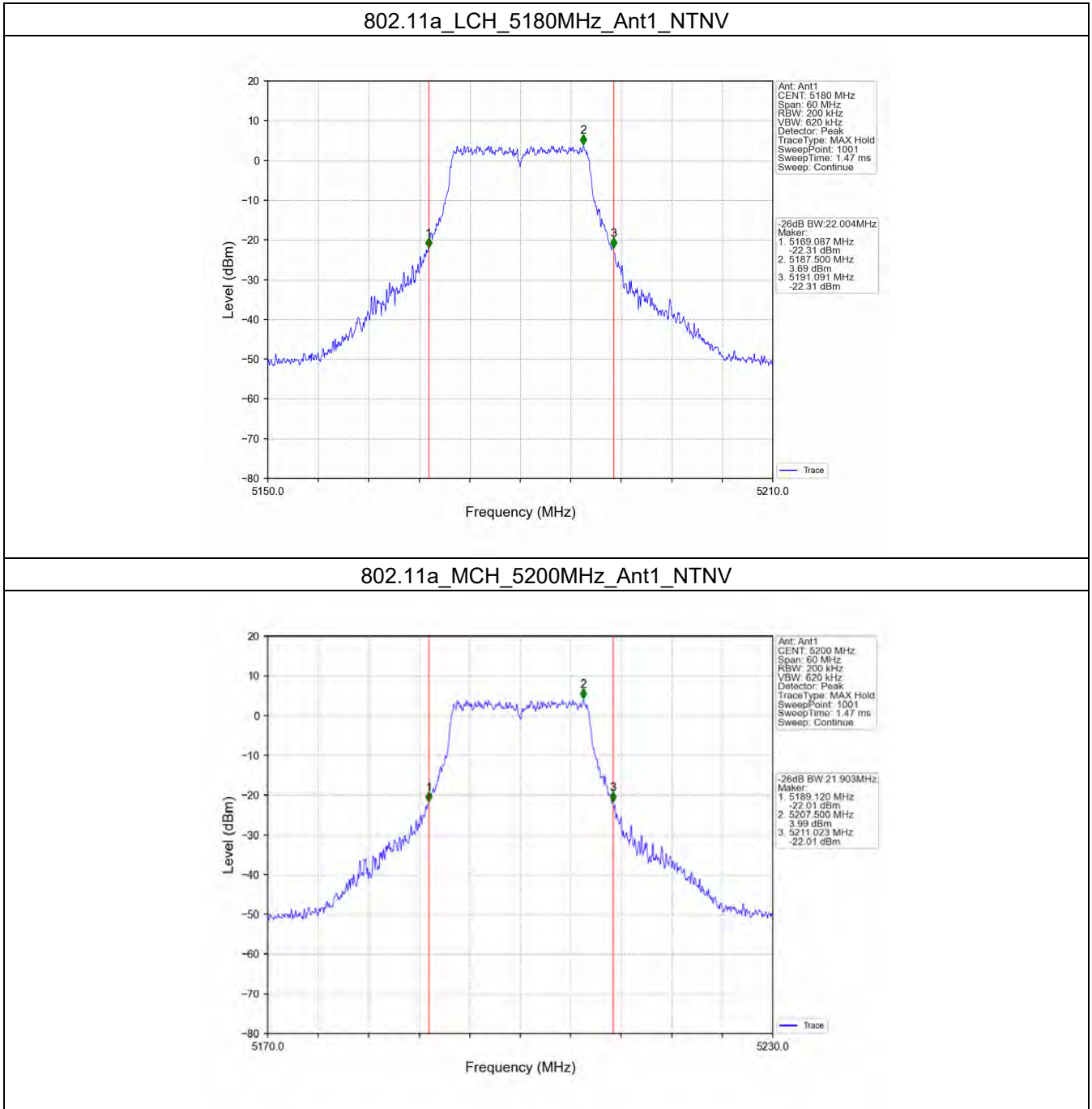


2.3 26dB BW

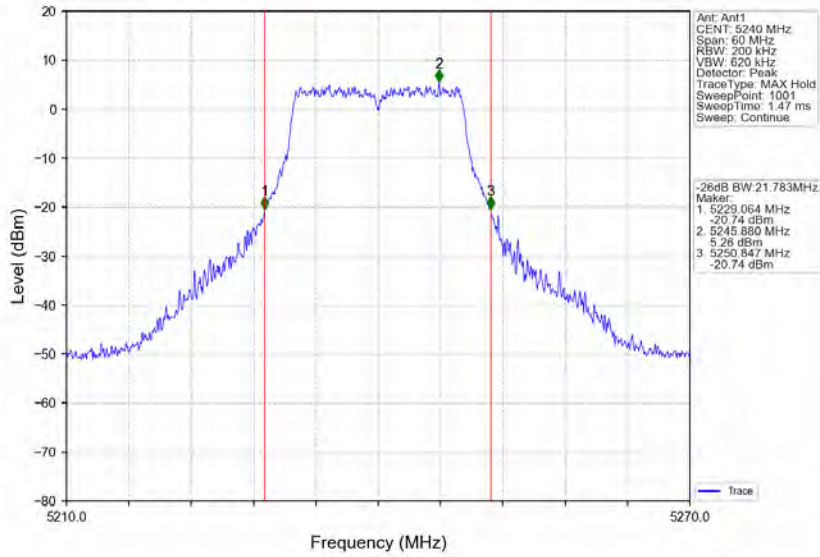
2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	22.004	/	Pass
		5200	1	21.903	/	Pass
		5240	1	21.783	/	Pass
		5260	1	21.889	/	Pass
		5300	1	22.153	/	Pass
		5320	1	22.499	/	Pass
		5500	1	21.968	/	Pass
		5580	1	21.439	/	Pass
		5700	1	21.612	/	Pass
802.11n (HT20)	SISO	5180	1	22.428	/	Pass
		5200	1	22.383	/	Pass
		5240	1	22.311	/	Pass
		5260	1	22.173	/	Pass
		5300	1	22.003	/	Pass
		5320	1	23.333	/	Pass
		5500	1	22.068	/	Pass
		5580	1	21.839	/	Pass
		5700	1	22.111	/	Pass
802.11n (HT40)	SISO	5190	1	44.356	/	Pass
		5230	1	43.092	/	Pass
		5270	1	42.615	/	Pass
		5310	1	43.042	/	Pass
		5510	1	42.899	/	Pass
		5550	1	43.659	/	Pass
		5670	1	42.084	/	Pass
802.11ac (VHT80)	SISO	5210	1	83.660	/	Pass
		5290	1	93.019	/	Pass
		5530	1	83.194	/	Pass
		5610	1	83.851	/	Pass

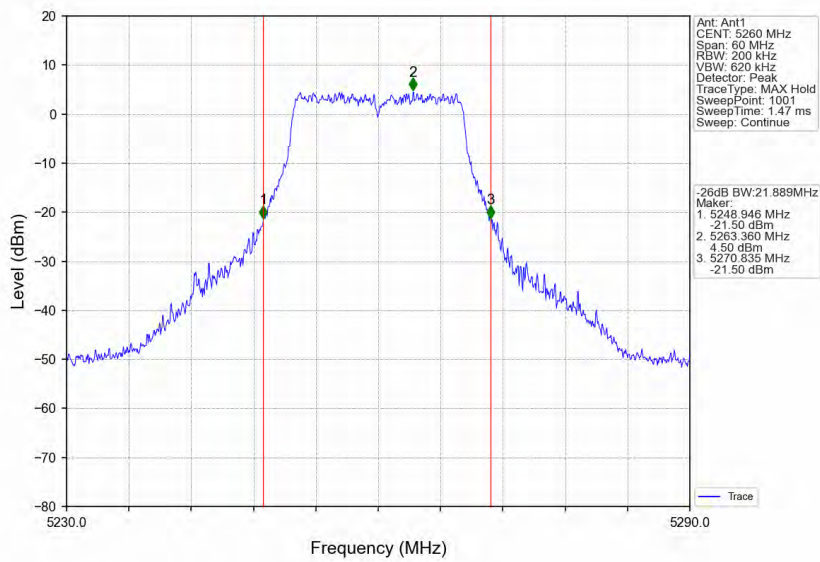
2.3.2 Test Graph



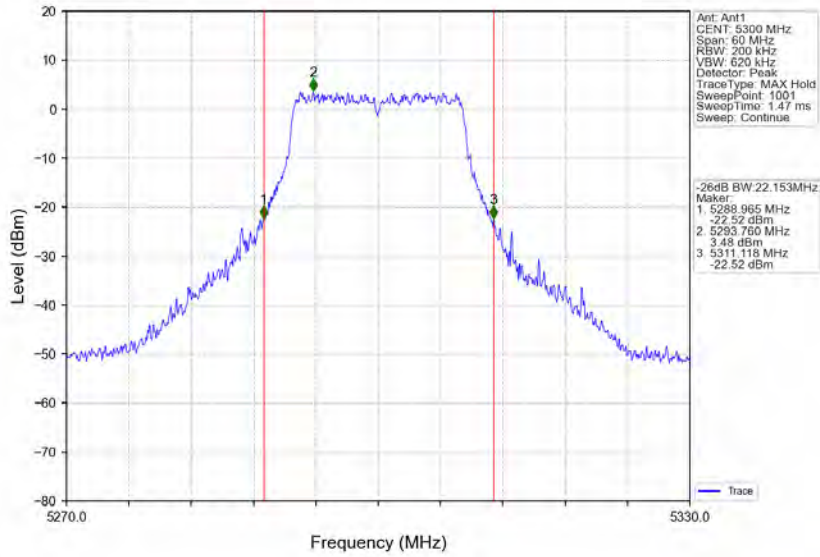
802.11a_HCH_5240MHz_Ant1_NTNV



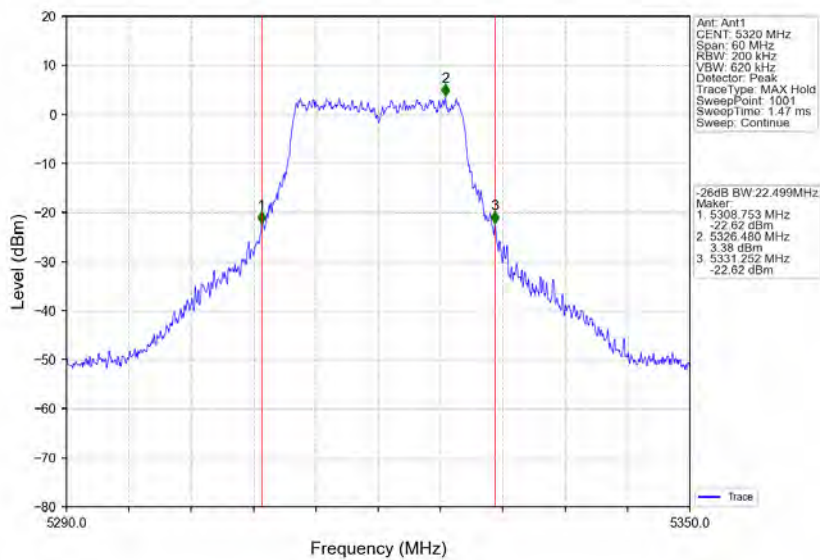
802.11a_LCH_5260MHz_Ant1_NTNV



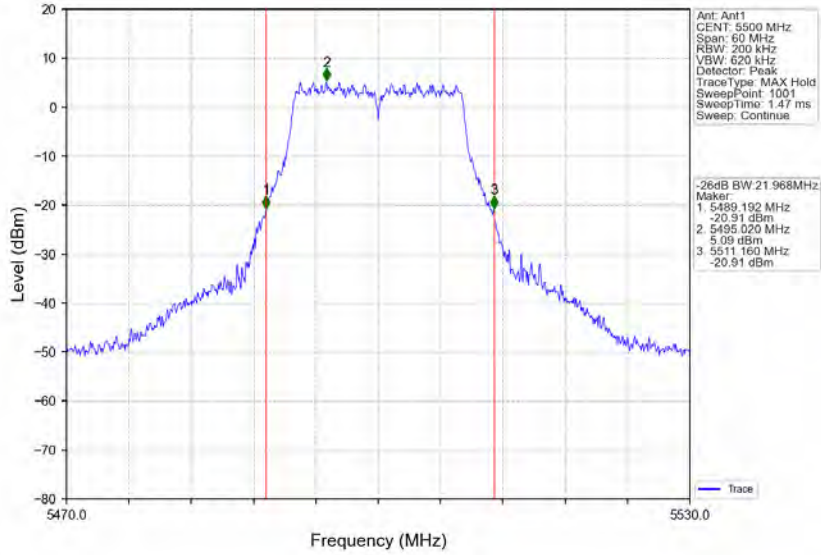
802.11a_MCH_5300MHz_Ant1_NTNV



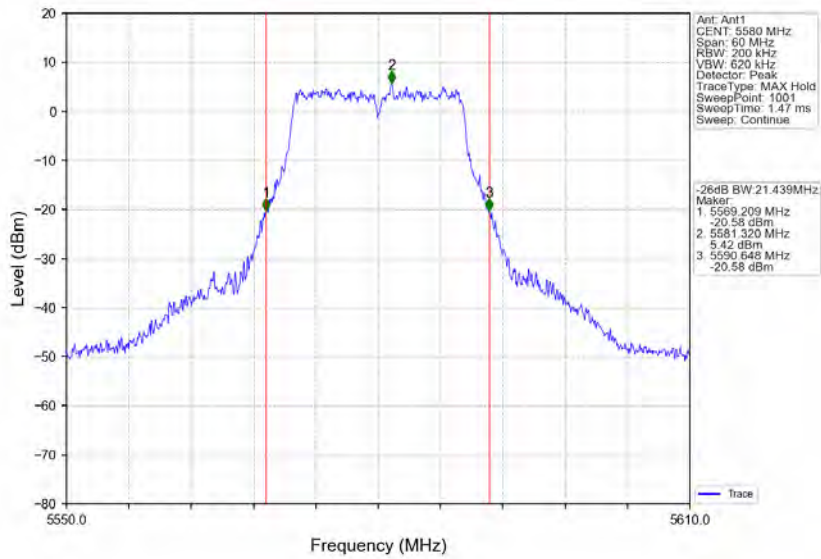
802.11a_HCH_5320MHz_Ant1_NTNV



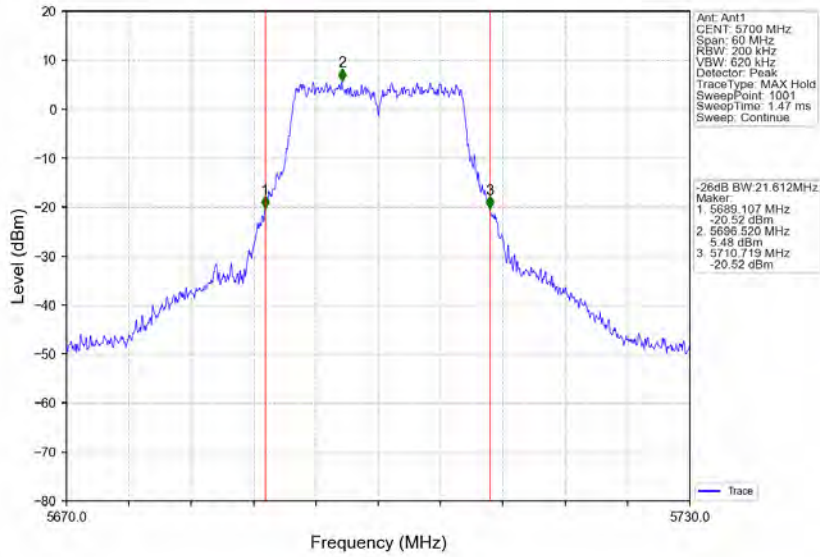
802.11a_LCH_5500MHz_Ant1_NTNV



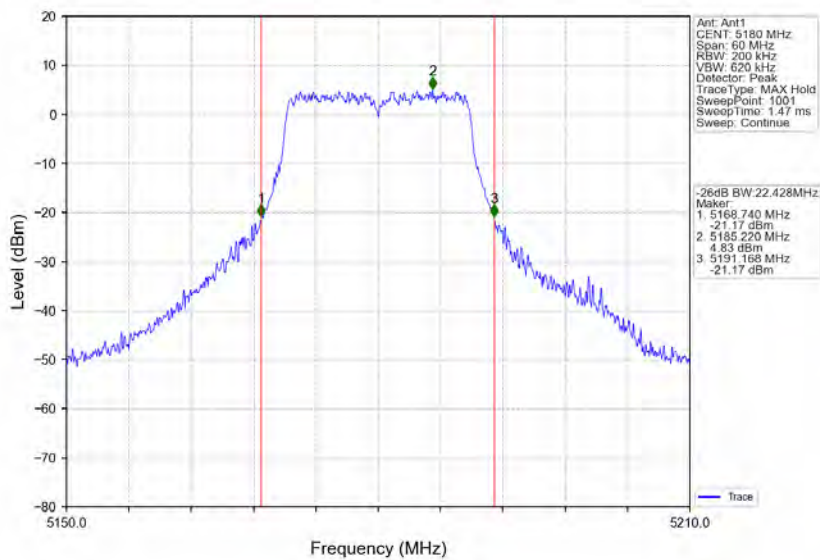
802.11a_MCH_5580MHz_Ant1_NTNV



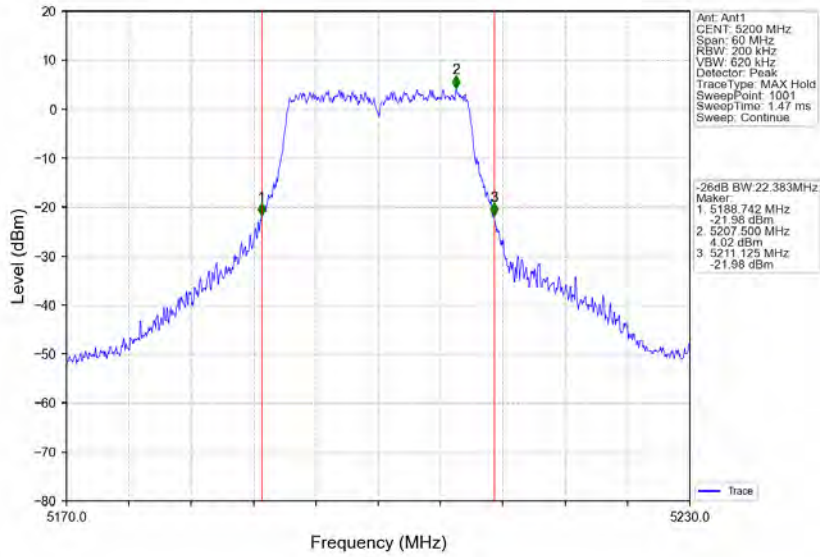
802.11a_HCH_5700MHz_Ant1_NTNV



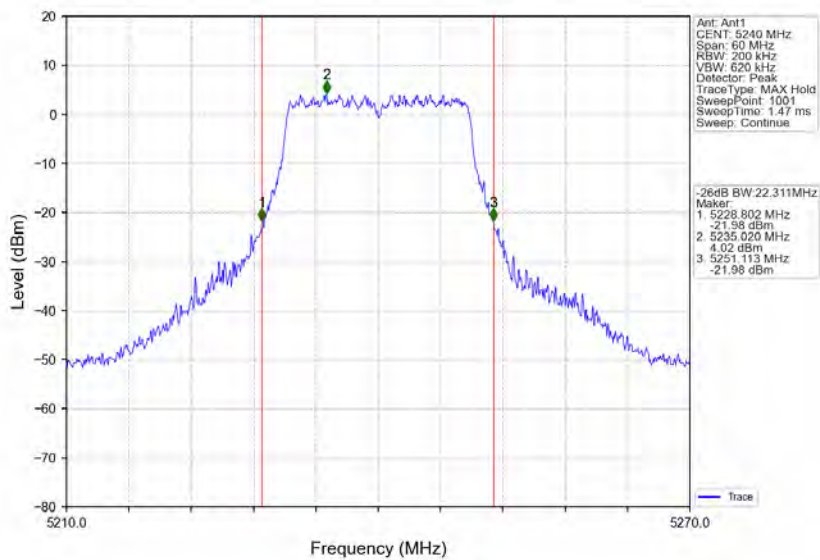
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



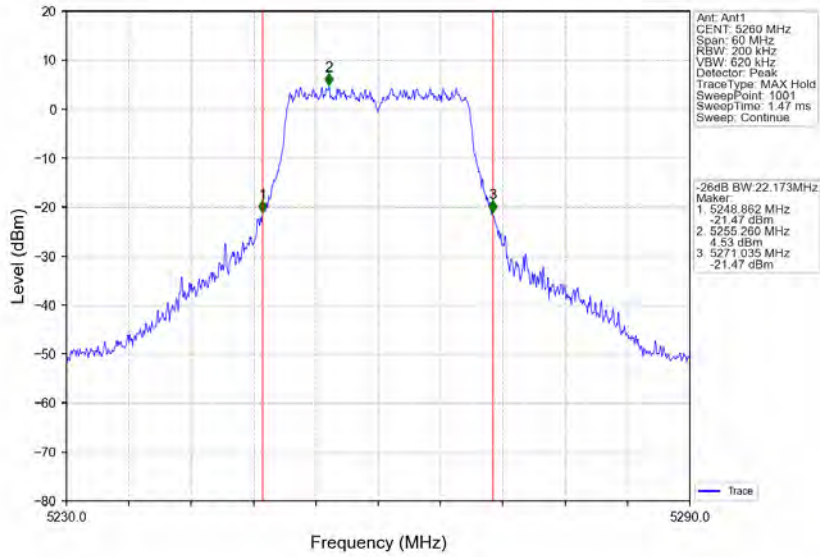
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



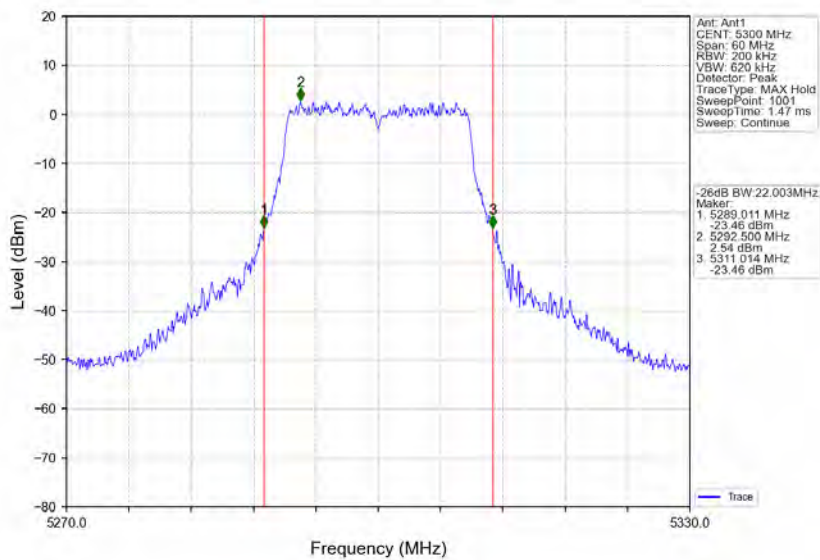
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



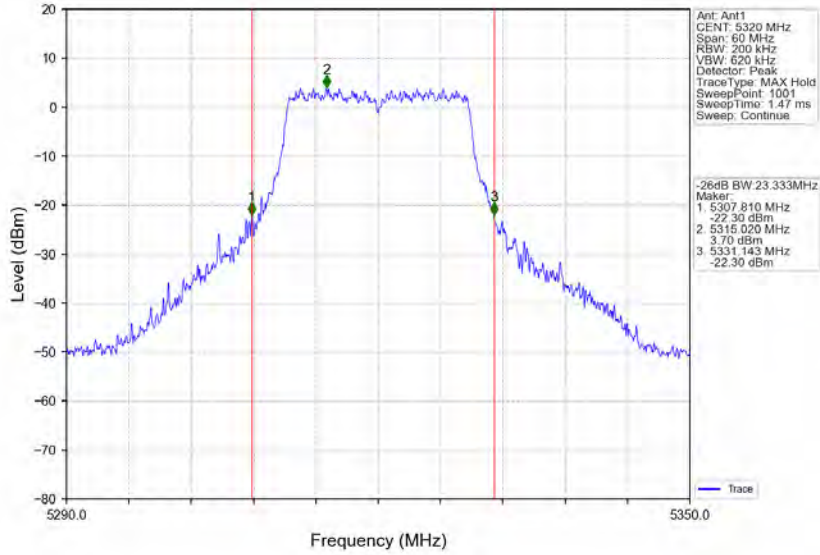
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



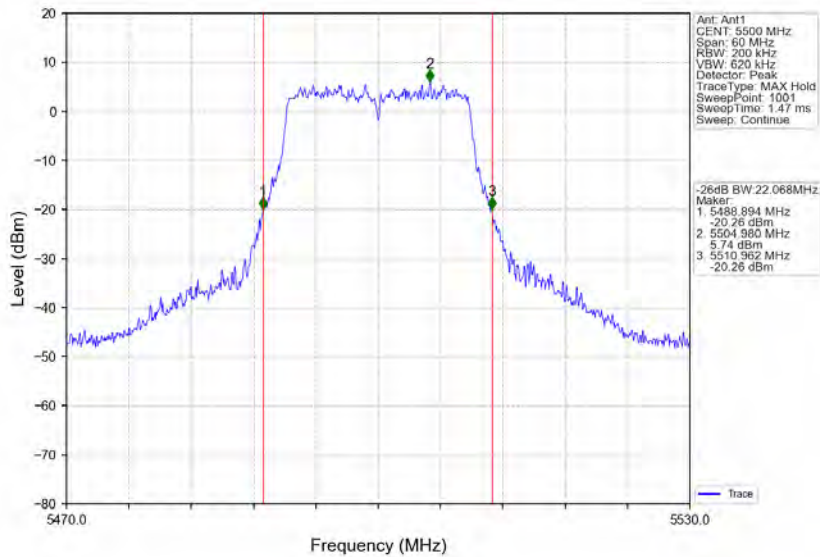
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



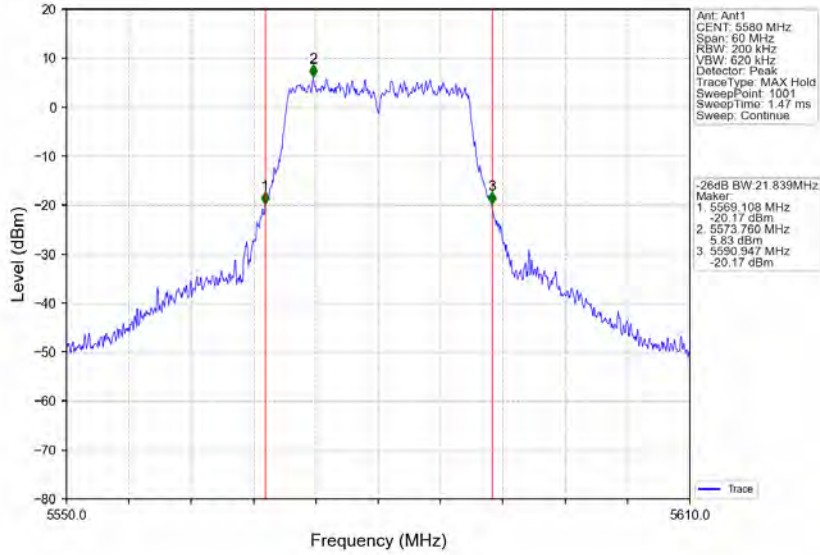
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



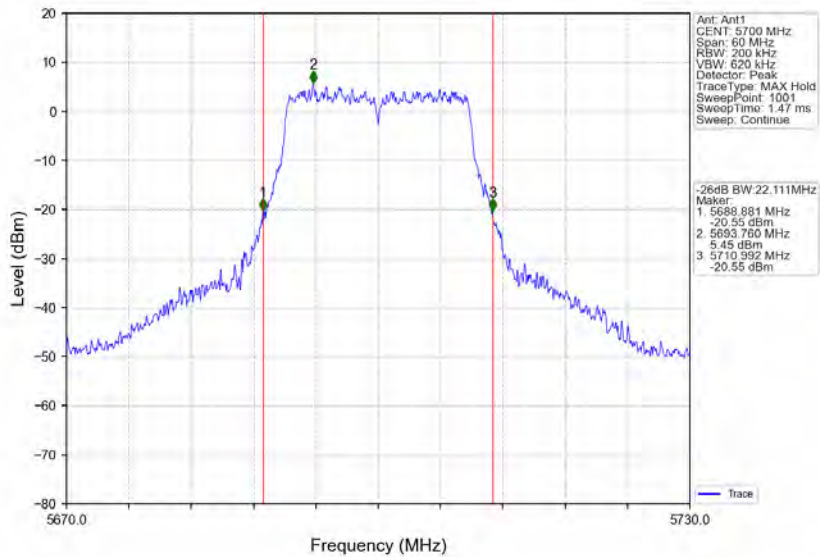
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



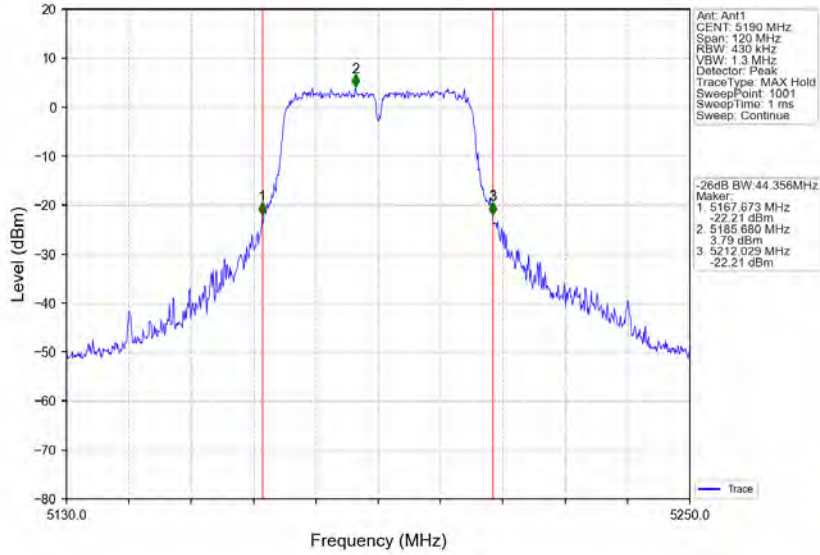
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



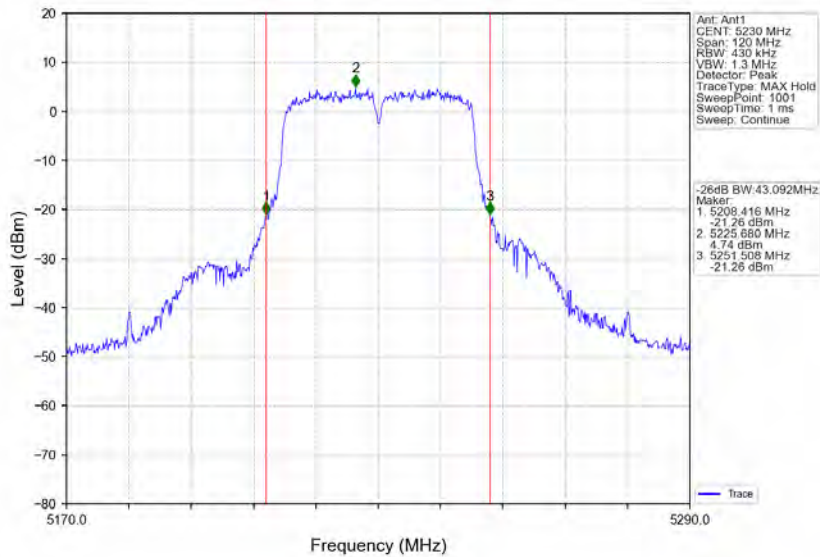
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



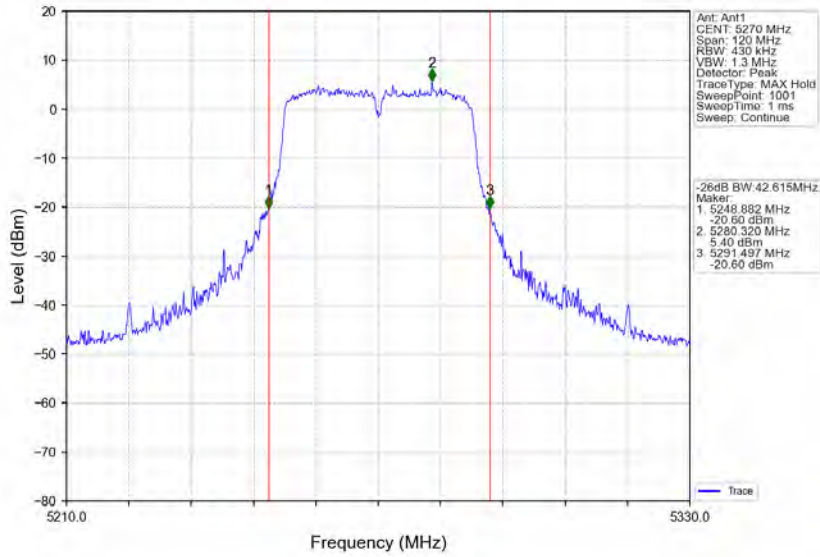
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



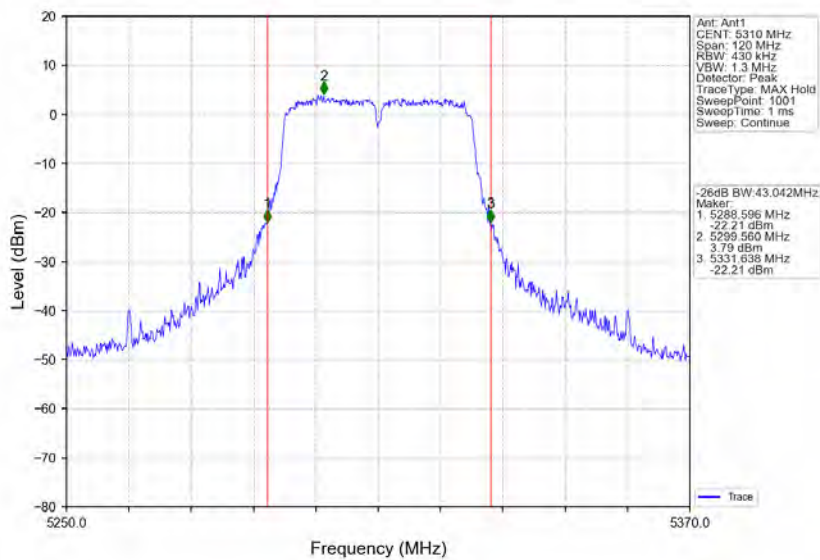
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



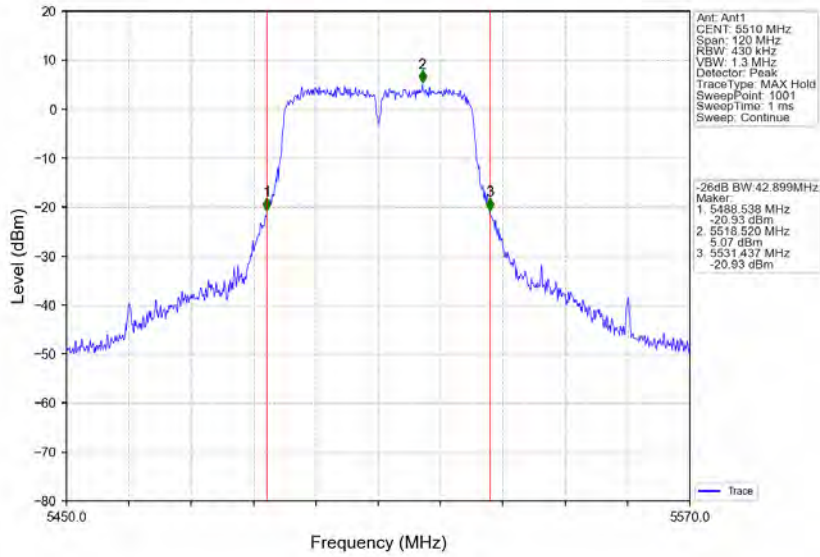
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



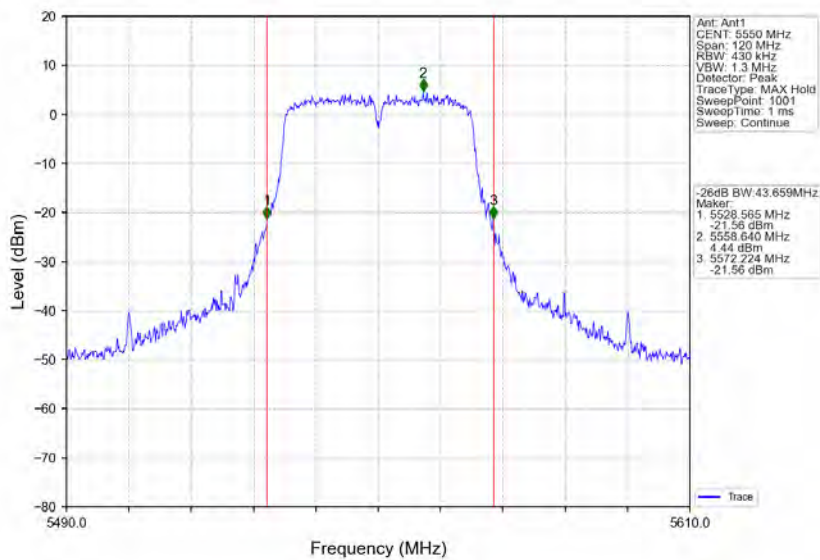
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



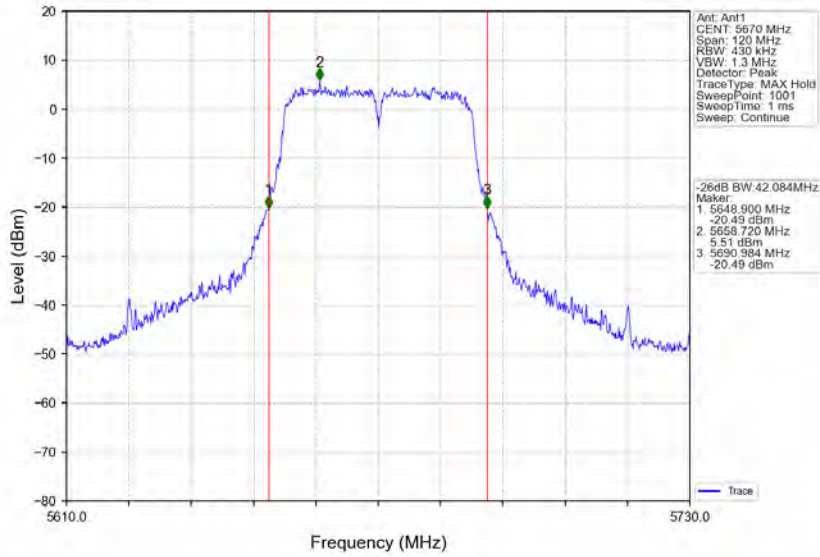
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



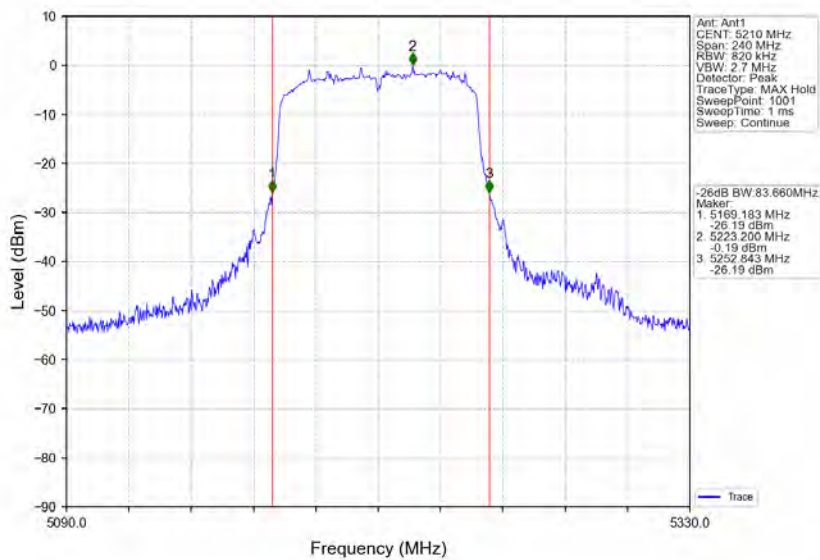
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



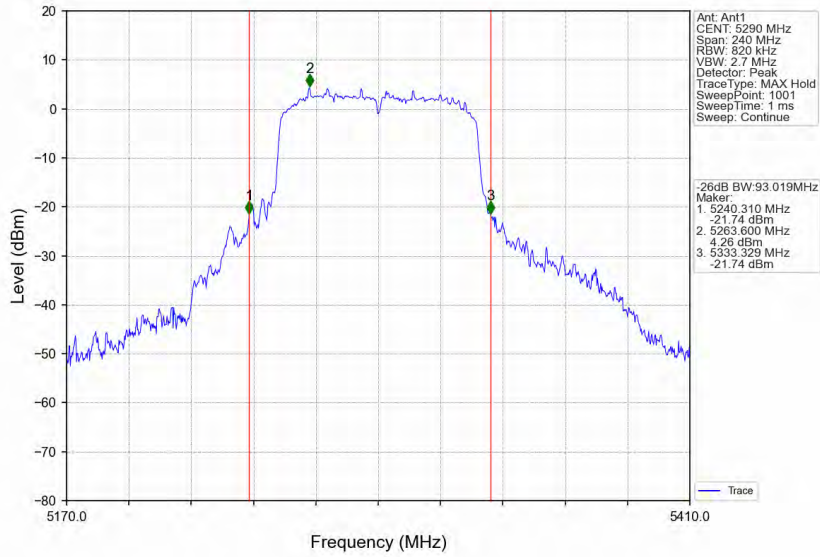
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



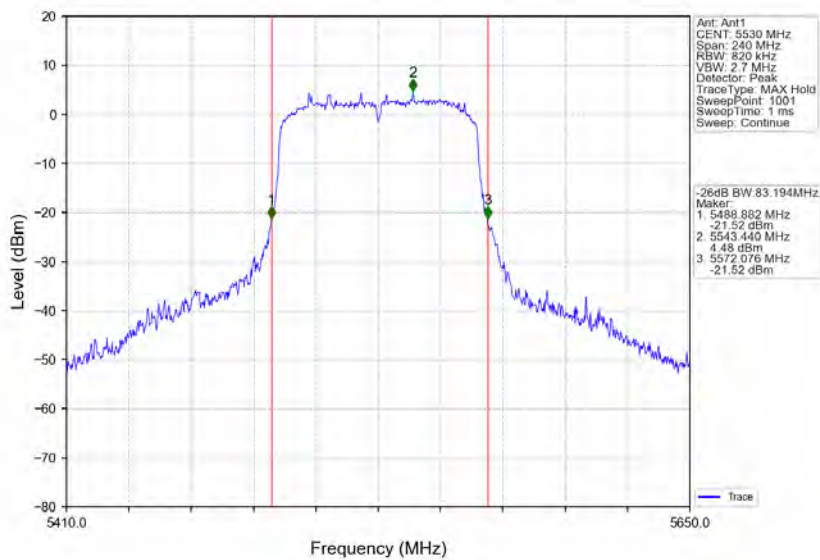
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



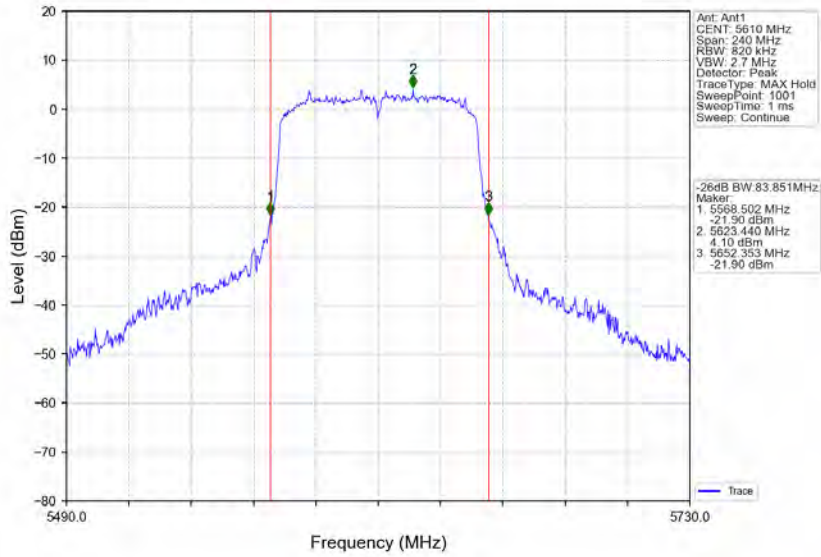
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	14.06	<=23.98	Pass
		5200	14.19	<=23.98	Pass
		5240	13.97	<=23.98	Pass
		5260	14.84	<=23.98	Pass
		5300	13.88	<=23.98	Pass
		5320	14.64	<=23.98	Pass
		5500	14.97	<=23.98	Pass
		5580	15.08	<=23.98	Pass
		5700	13.31	<=23.98	Pass
		5745	13.78	<=30	Pass
		5785	14.52	<=30	Pass
5825	13.72	<=30	Pass		
802.11n (HT20)	SISO	5180	14.16	<=23.98	Pass
		5200	13.72	<=23.98	Pass
		5240	14.15	<=23.98	Pass
		5260	14.36	<=23.98	Pass
		5300	13.34	<=23.98	Pass
		5320	14.12	<=23.98	Pass
		5500	14.78	<=23.98	Pass
		5580	14.92	<=23.98	Pass
		5700	13.64	<=23.98	Pass
		5745	14.49	<=30	Pass
		5785	14.19	<=30	Pass
5825	13.73	<=30	Pass		
802.11n (HT40)	SISO	5190	13.86	<=23.98	Pass
		5230	13.46	<=23.98	Pass
		5270	14.69	<=23.98	Pass
		5310	14.04	<=23.98	Pass
		5510	14.95	<=23.98	Pass
		5550	14.32	<=23.98	Pass
		5670	14.92	<=23.98	Pass
		5755	13.51	<=30	Pass
		5795	14.09	<=30	Pass
802.11ac (VHT80)	SISO	5210	13.90	<=23.98	Pass
		5290	13.82	<=23.98	Pass
		5530	13.69	<=23.98	Pass



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		5610	13.59	≤ 23.98	Pass
		5775	13.56	≤ 30	Pass
Note1: Antenna Gain: Ant1: 1.00dBi;					

3.2 EIRP

3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	15.06	<=22.57	Pass
		5200	15.19	<=22.61	Pass
		5240	14.97	<=22.57	Pass
		5260	15.84	<=29.59	Pass
		5300	14.88	<=29.61	Pass
		5320	15.64	<=29.59	Pass
		5500	15.97	<=29.57	Pass
		5580	16.08	<=29.57	Pass
		5700	14.31	<=29.59	Pass
		5745	14.78	/	Pass
		5785	15.52	/	Pass
		5825	14.72	/	Pass
802.11n (HT20)	SISO	5180	15.16	<=22.77	Pass
		5200	14.72	<=22.77	Pass
		5240	15.15	<=22.76	Pass
		5260	15.36	<=29.77	Pass
		5300	14.34	<=29.77	Pass
		5320	15.12	<=29.77	Pass
		5500	15.78	<=29.75	Pass
		5580	15.92	<=29.75	Pass
		5700	14.64	<=29.76	Pass
		5745	15.49	/	Pass
		5785	15.19	/	Pass
		5825	14.73	/	Pass
802.11n (HT40)	SISO	5190	14.86	<=23.01	Pass
		5230	14.46	<=23.01	Pass
		5270	15.69	<=30	Pass
		5310	15.04	<=30	Pass
		5510	15.95	<=30	Pass
		5550	15.32	<=30	Pass
		5670	15.92	<=30	Pass
		5755	14.51	/	Pass
		5795	15.09	/	Pass
802.11ac (VHT80)	SISO	5210	14.90	<=23.01	Pass
		5290	14.82	<=30	Pass
		5530	14.69	<=30	Pass
		5775	14.56	/	Pass

Note1: Antenna Gain: Ant1: 1.00dBi;



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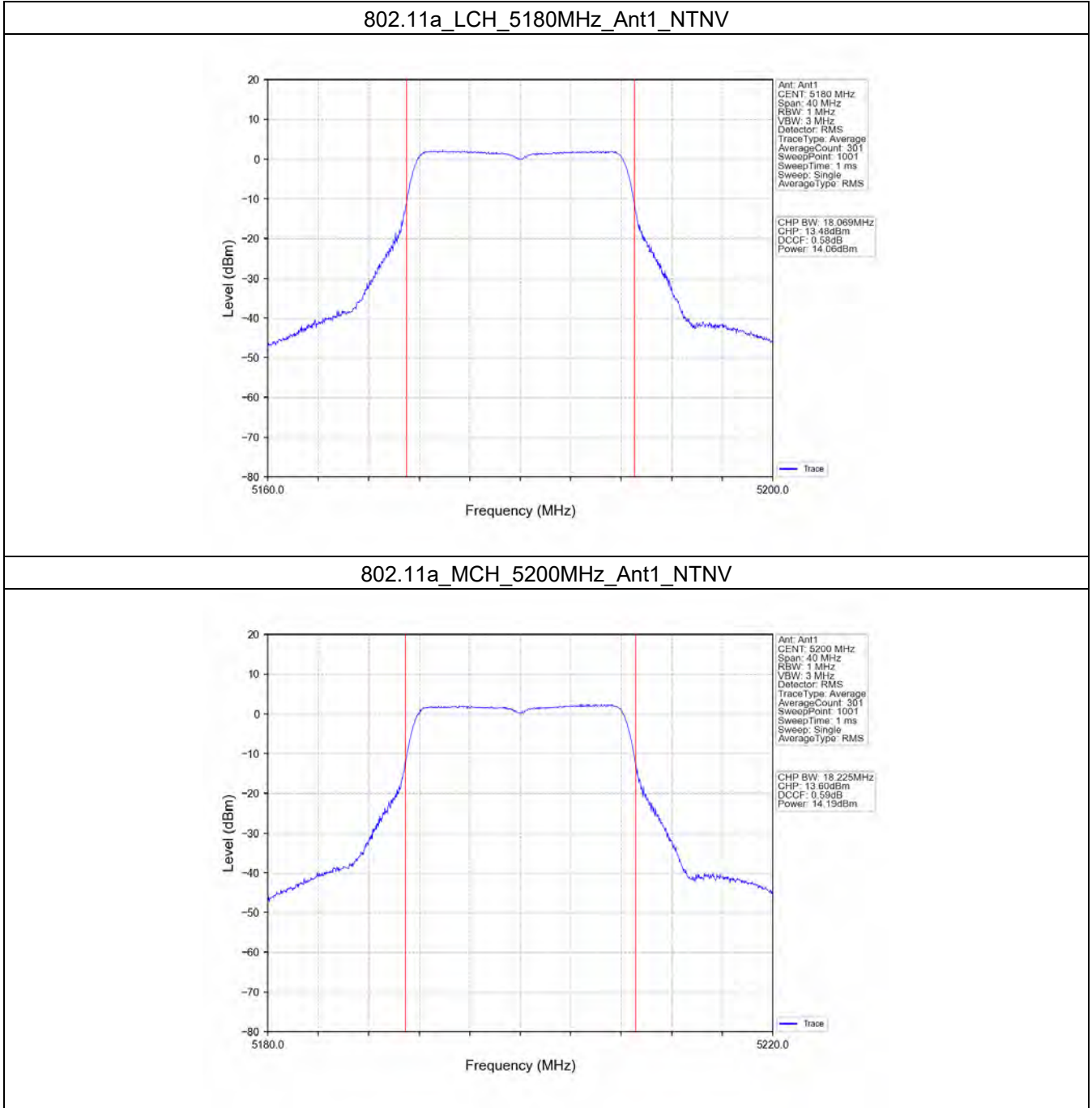
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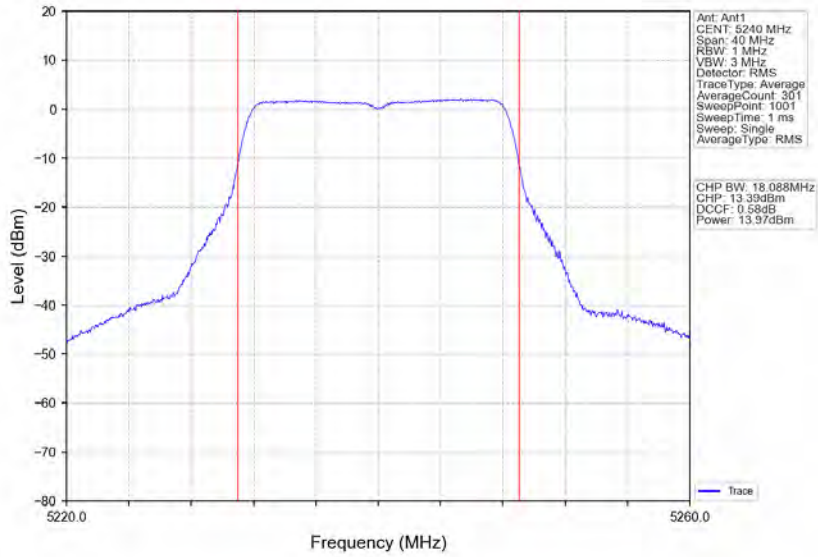
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Note2: E.I.R.P = Measured Power + Antenna Gain

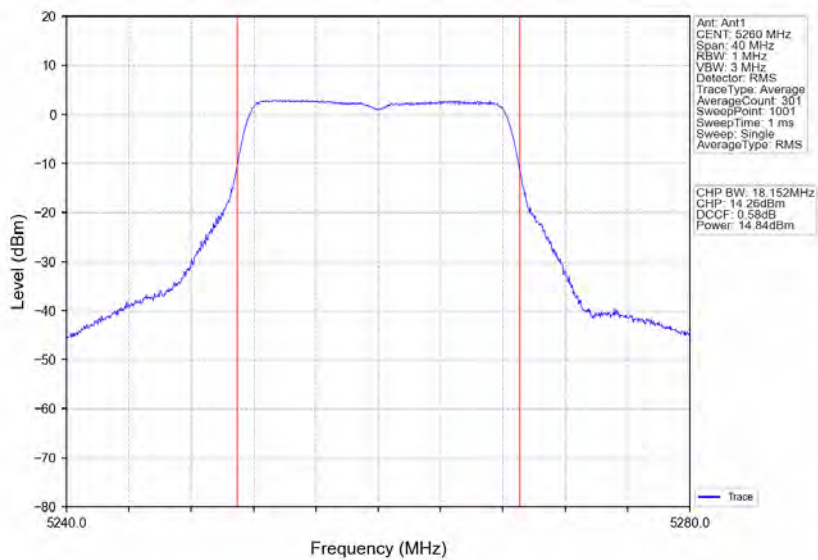
3.2.2 Test Graph



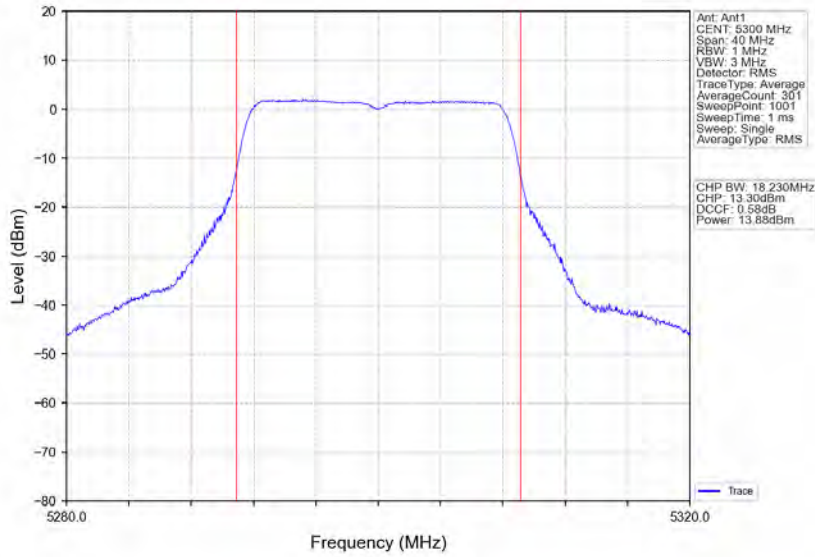
802.11a_HCH_5240MHz_Ant1_NTNV



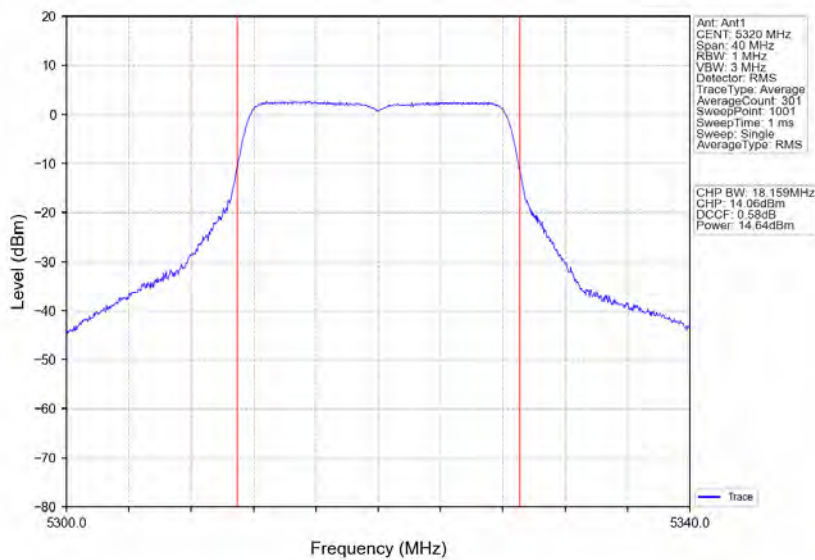
802.11a_LCH_5260MHz_Ant1_NTNV



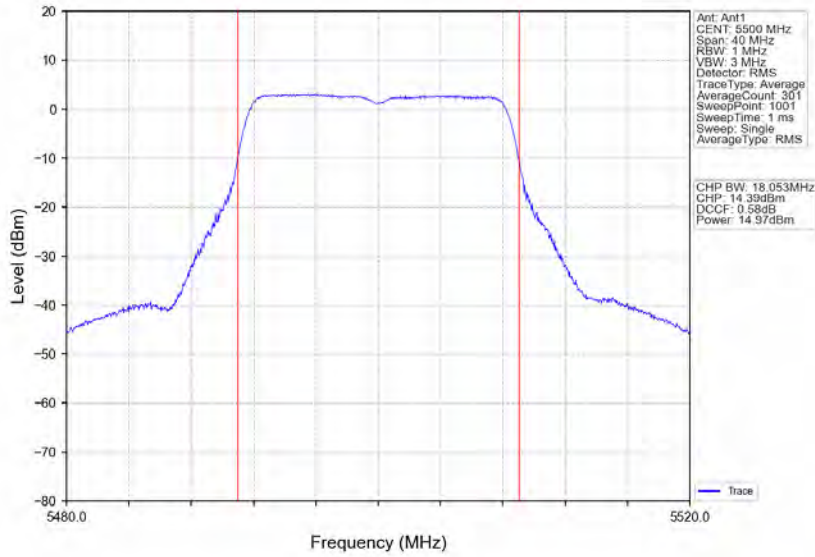
802.11a_MCH_5300MHz_Ant1_NTNV



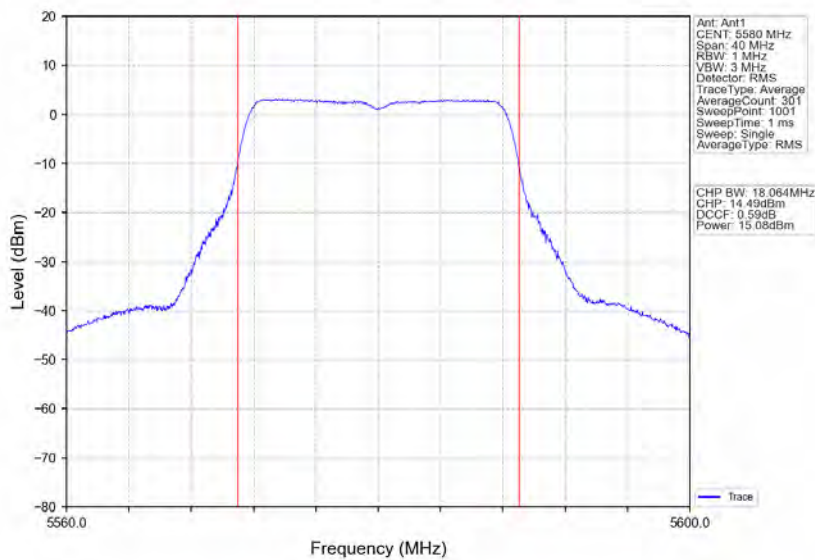
802.11a_HCH_5320MHz_Ant1_NTNV



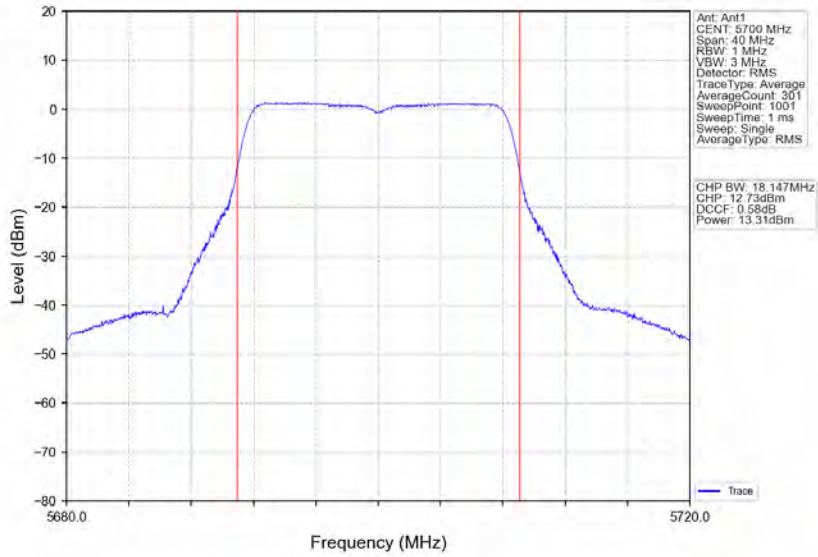
802.11a_LCH_5500MHz_Ant1_NTNV



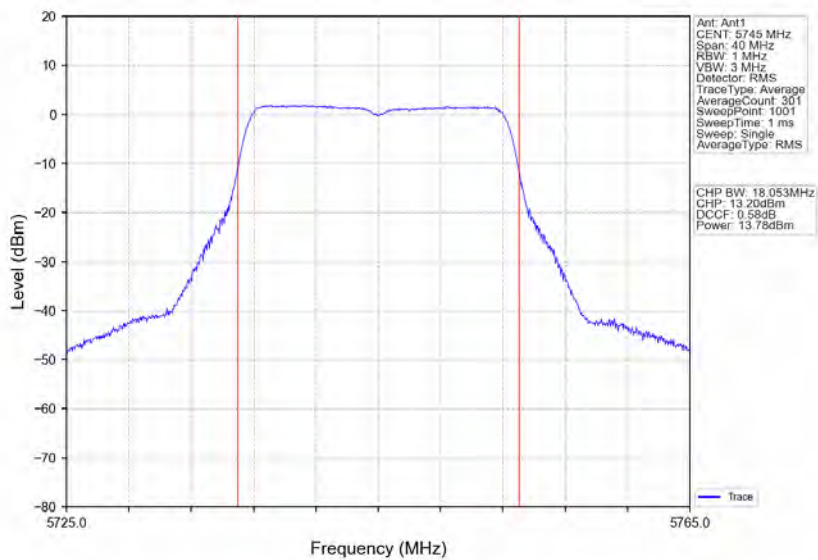
802.11a_MCH_5580MHz_Ant1_NTNV



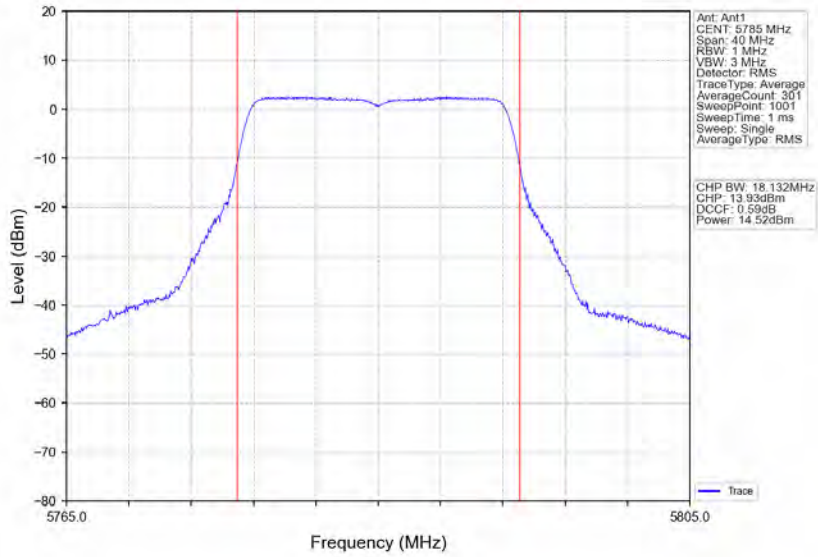
802.11a_HCH_5700MHz_Ant1_NTNV



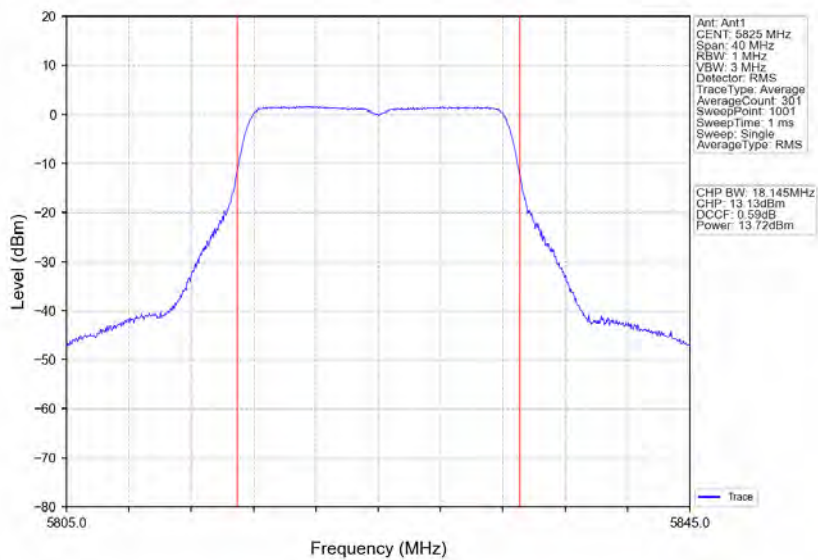
802.11a_LCH_5745MHz_Ant1_NTNV



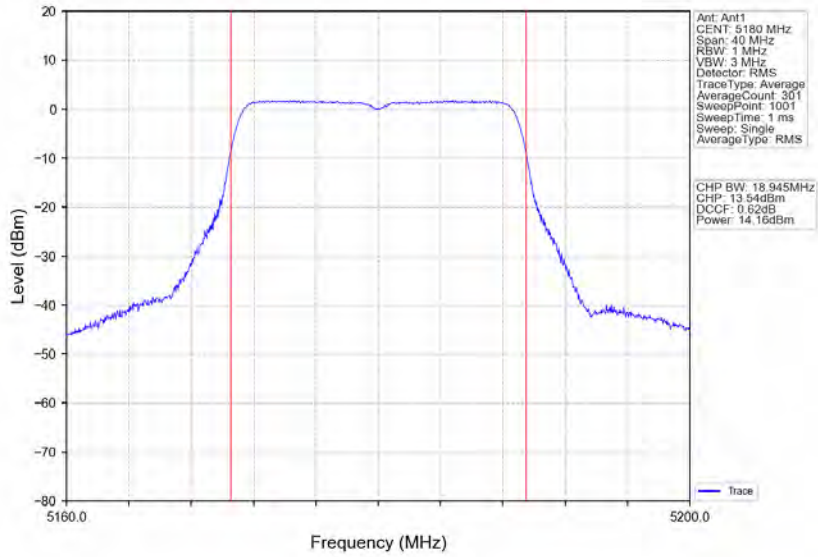
802.11a_MCH_5785MHz_Ant1_NTNV



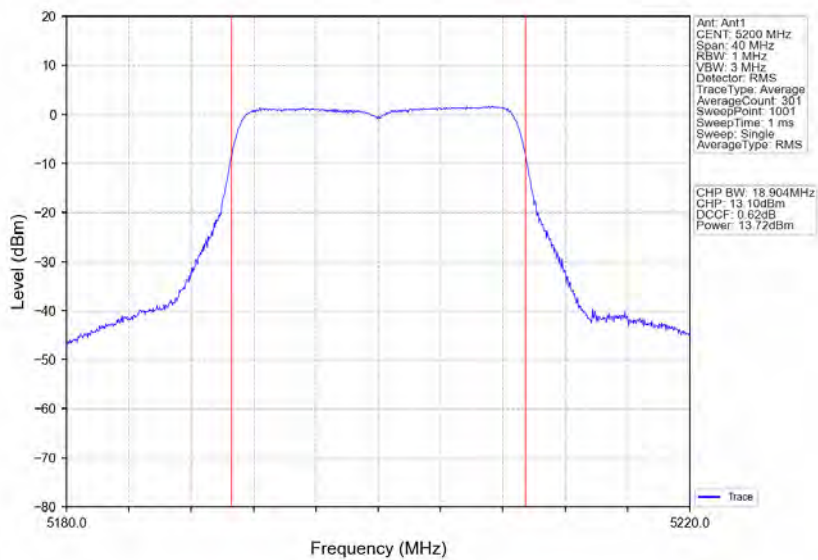
802.11a_HCH_5825MHz_Ant1_NTNV



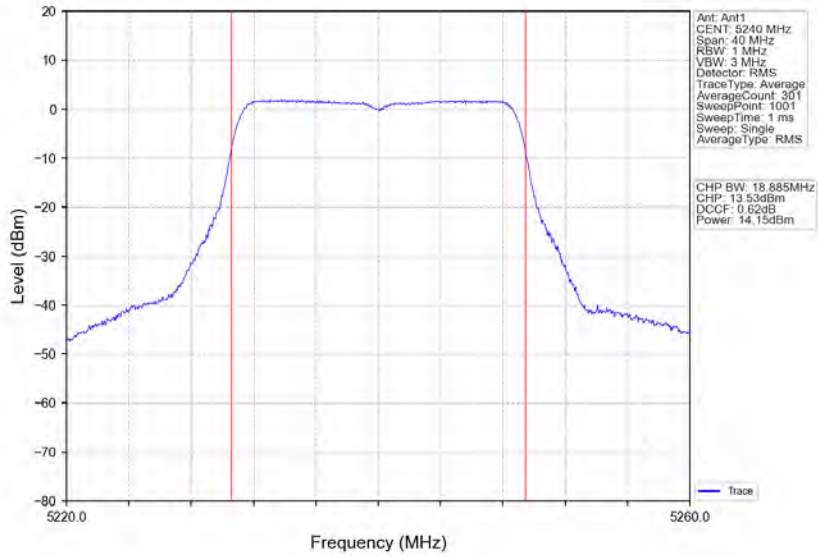
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



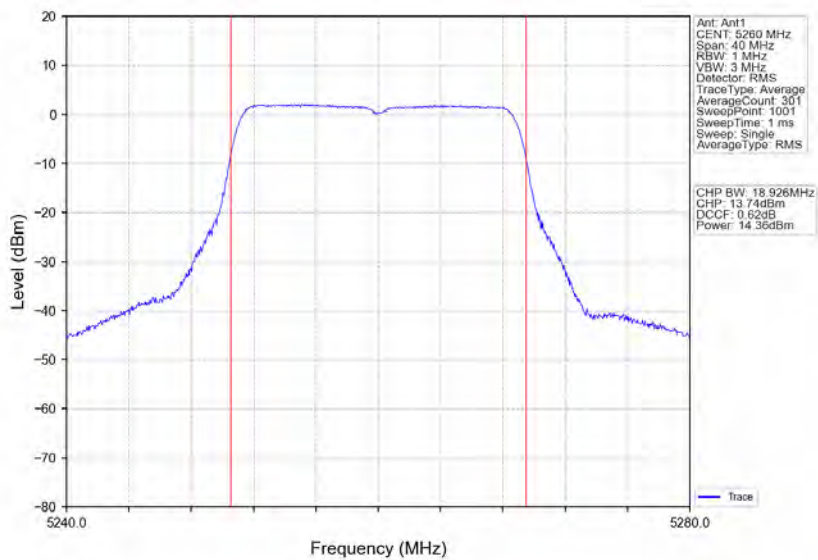
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



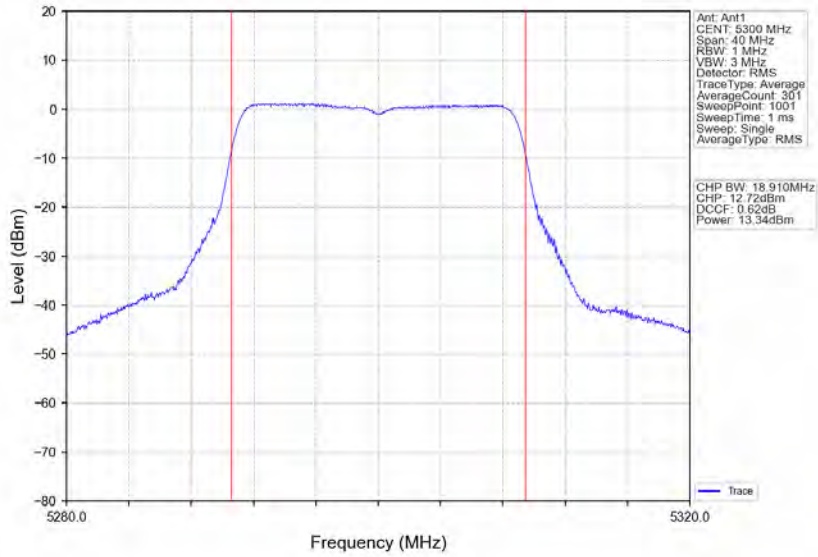
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



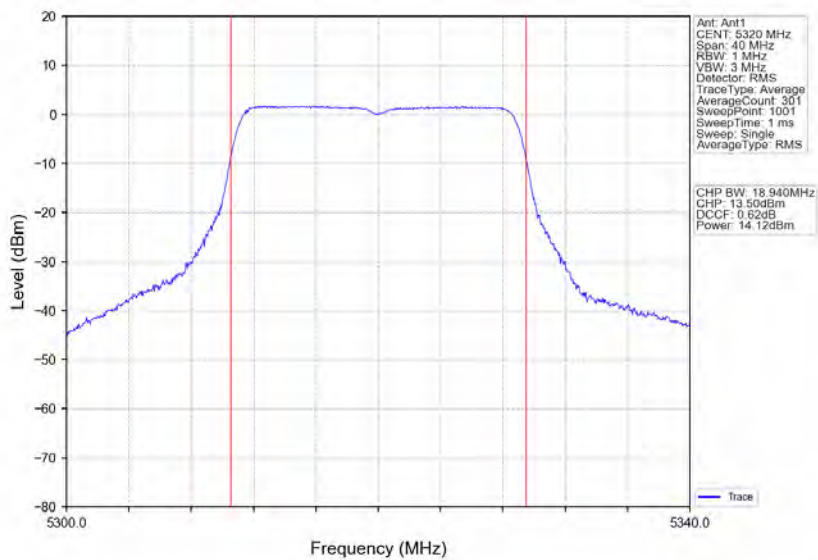
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



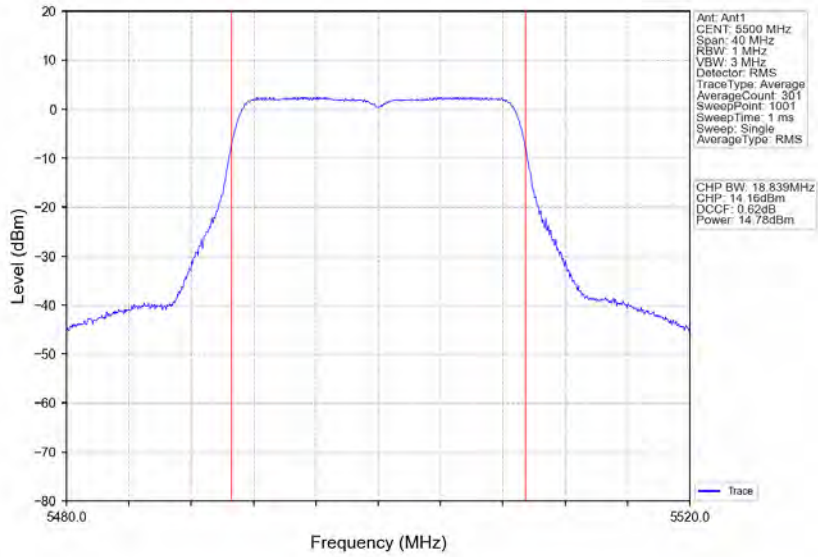
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



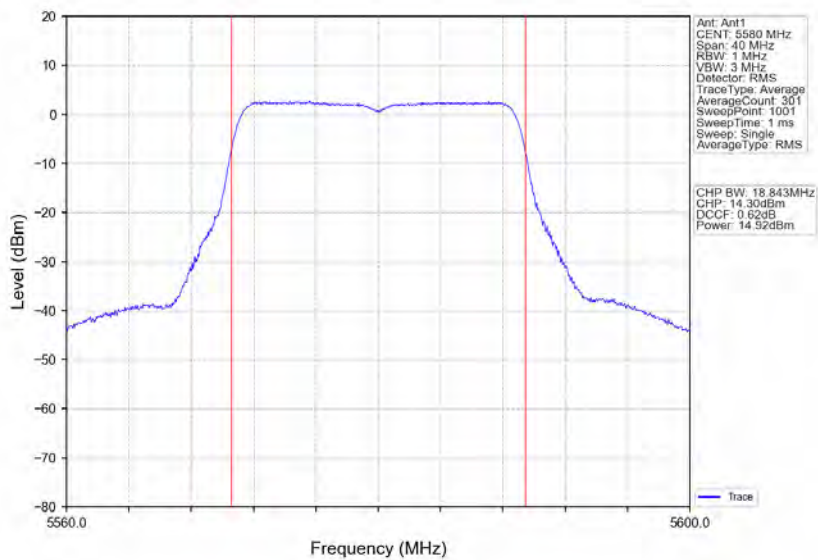
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



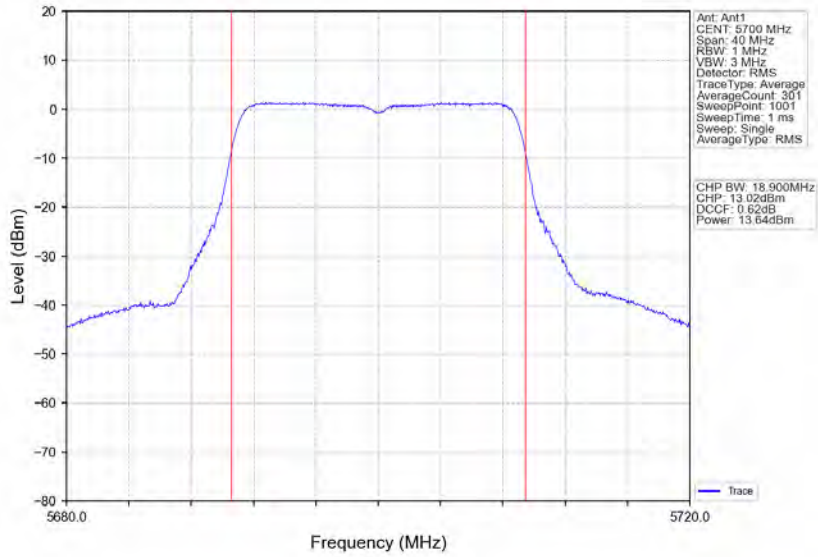
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



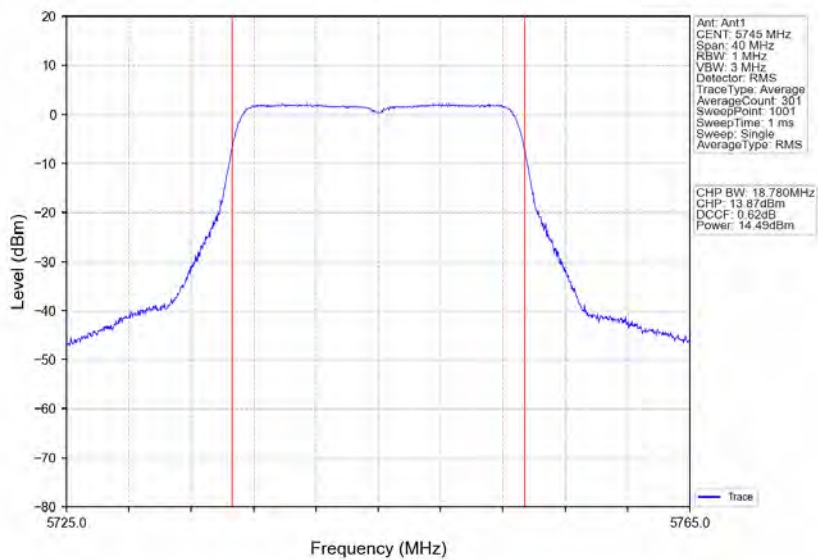
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



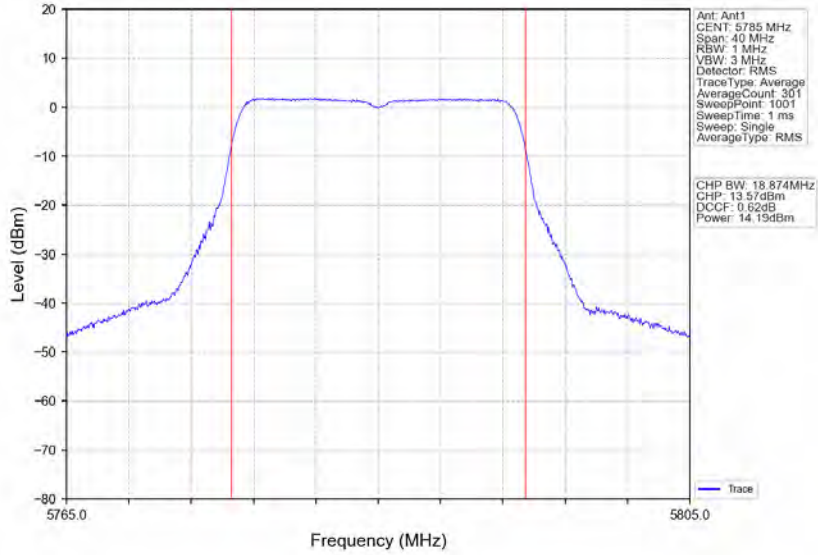
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



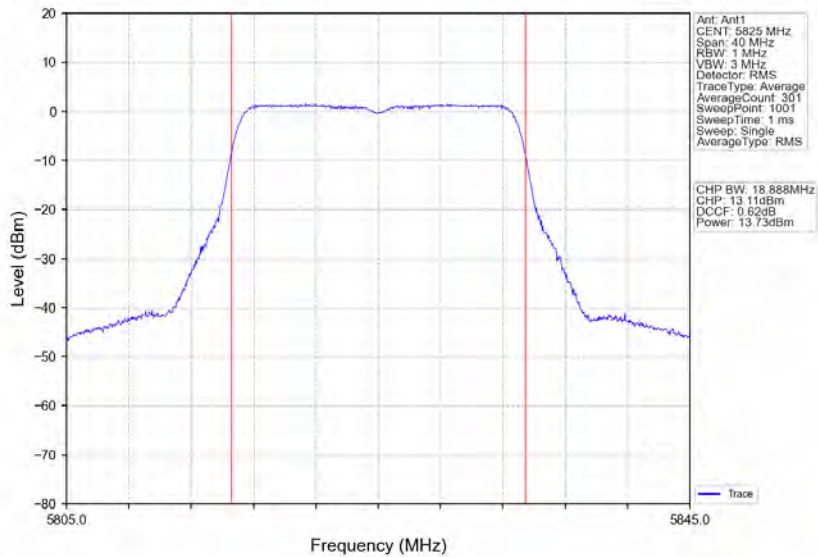
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



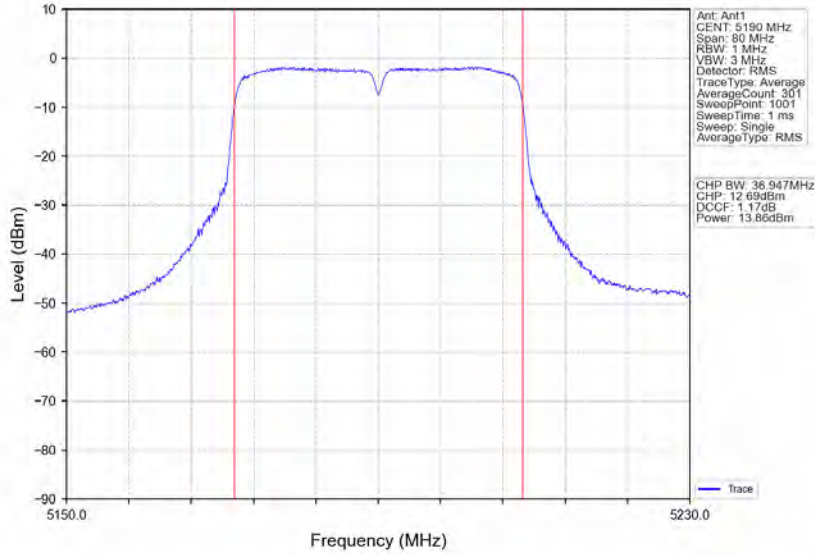
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



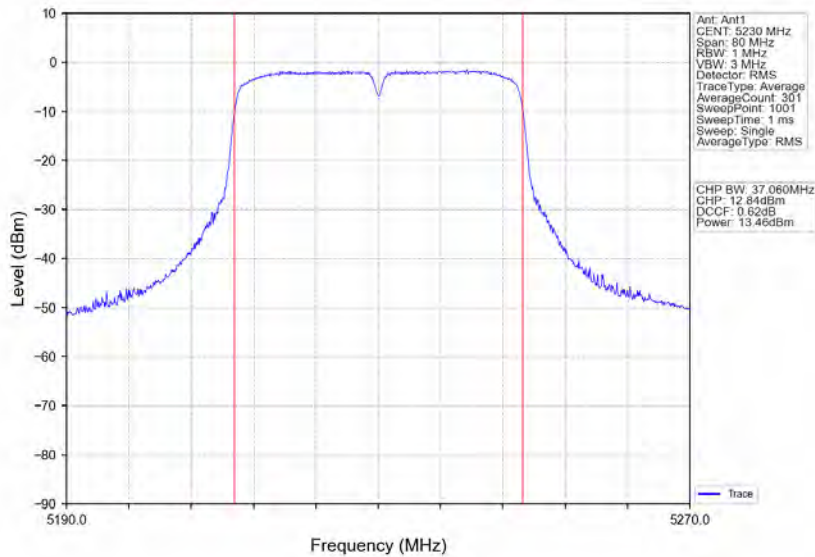
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



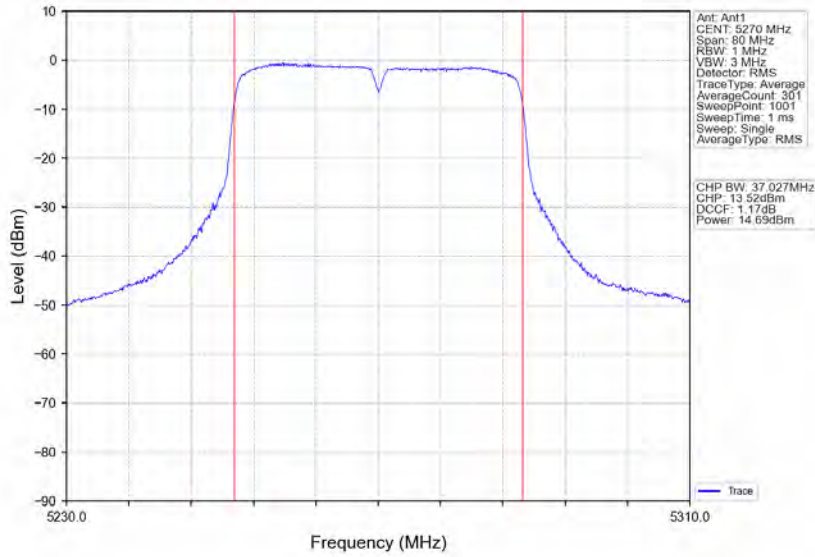
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



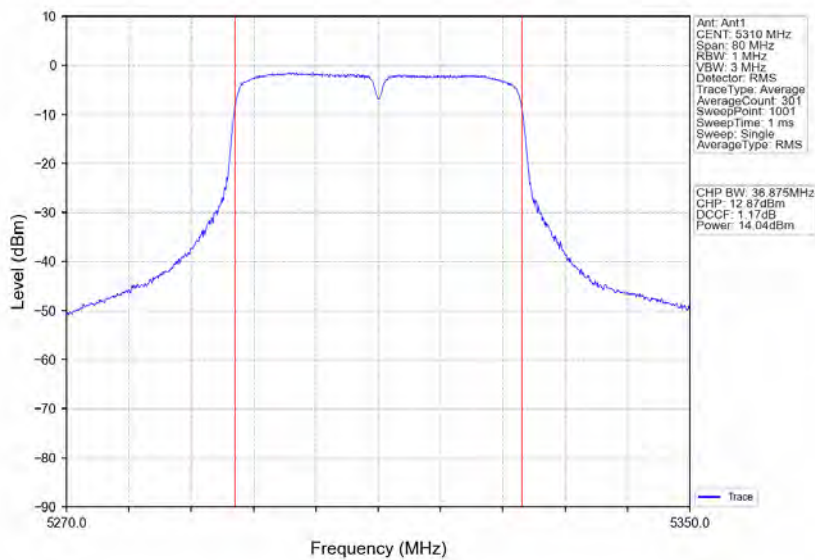
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



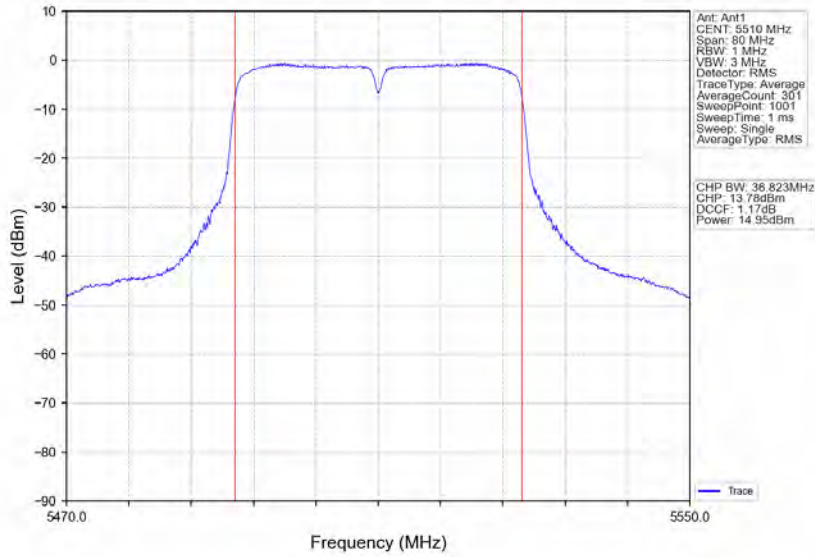
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



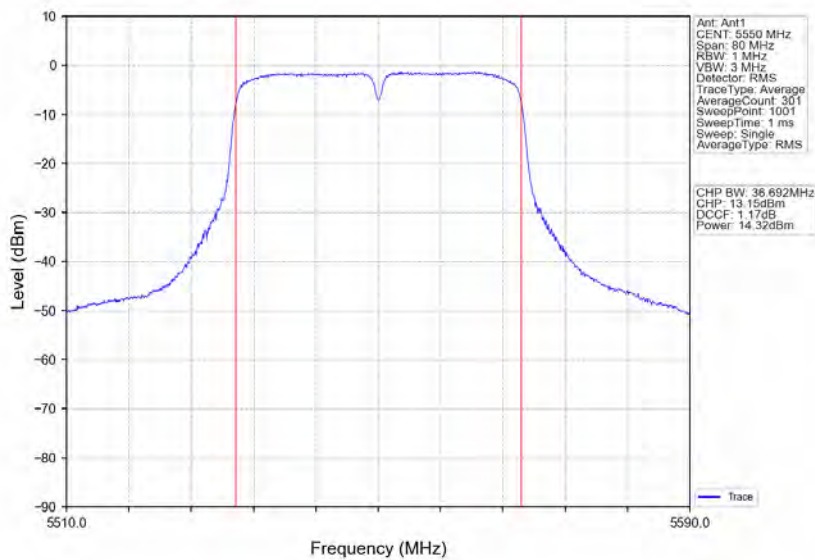
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



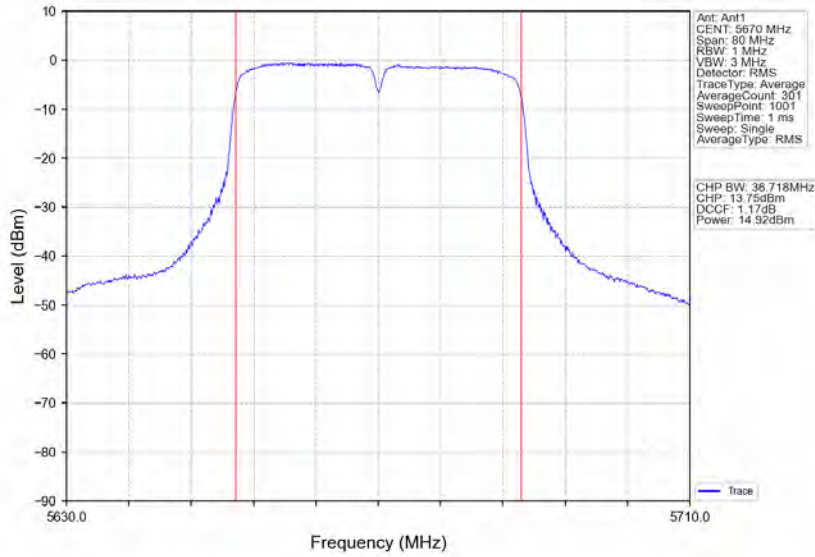
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



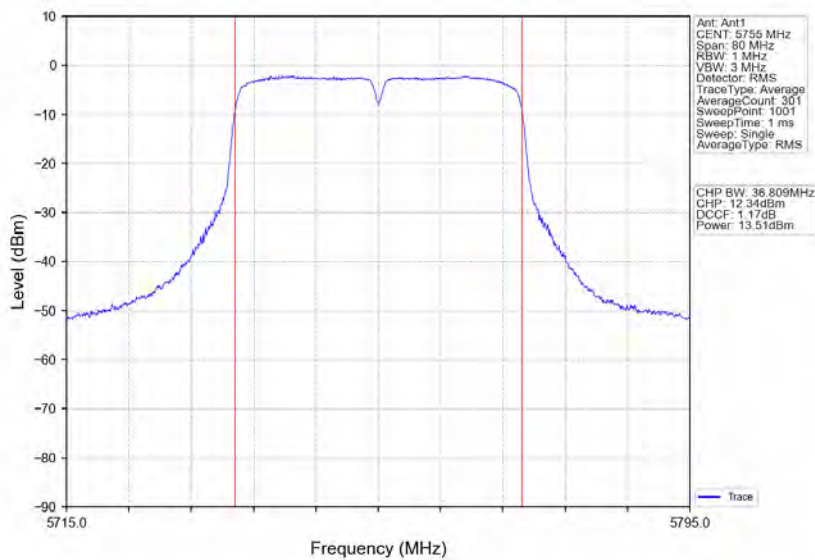
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



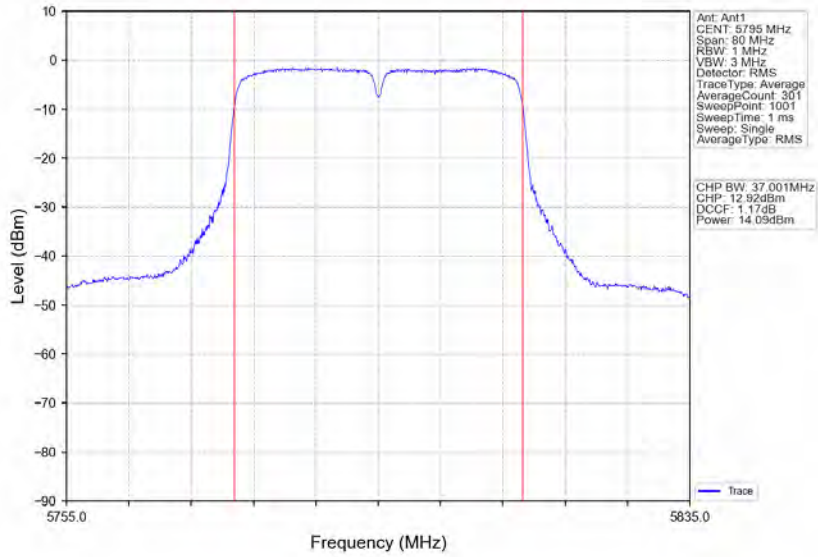
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



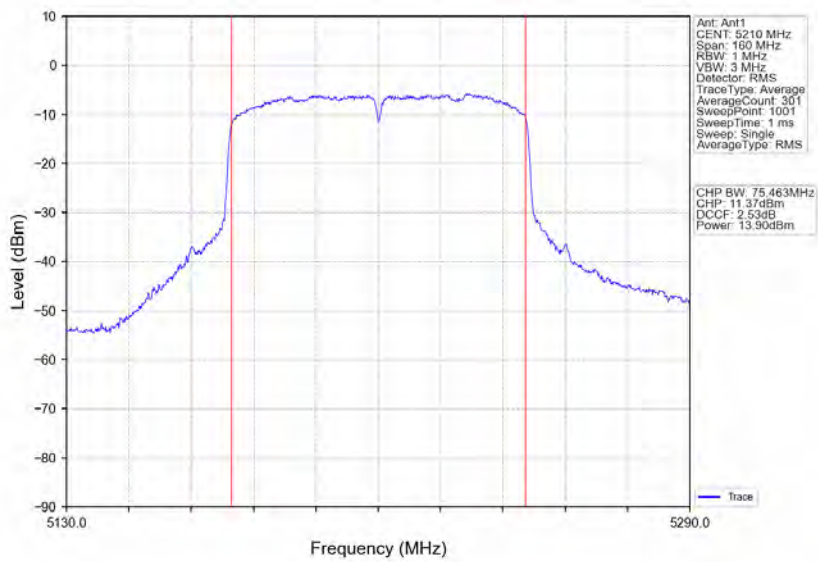
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



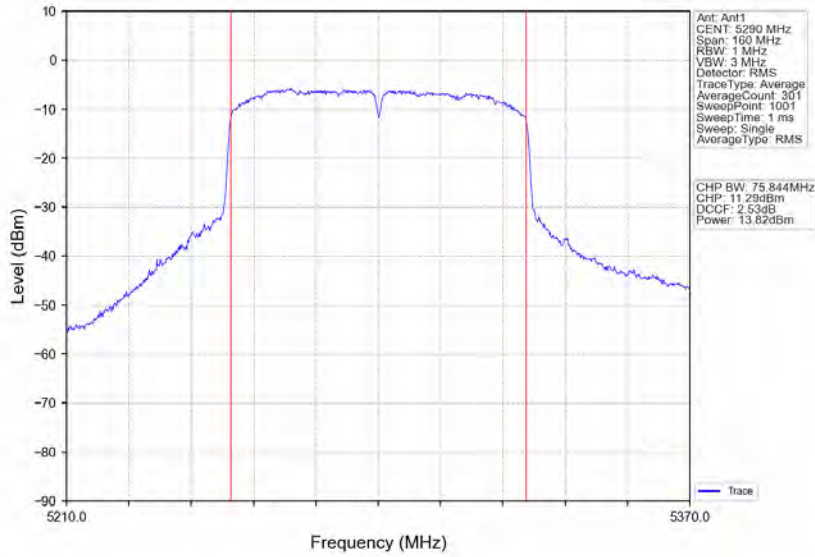
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



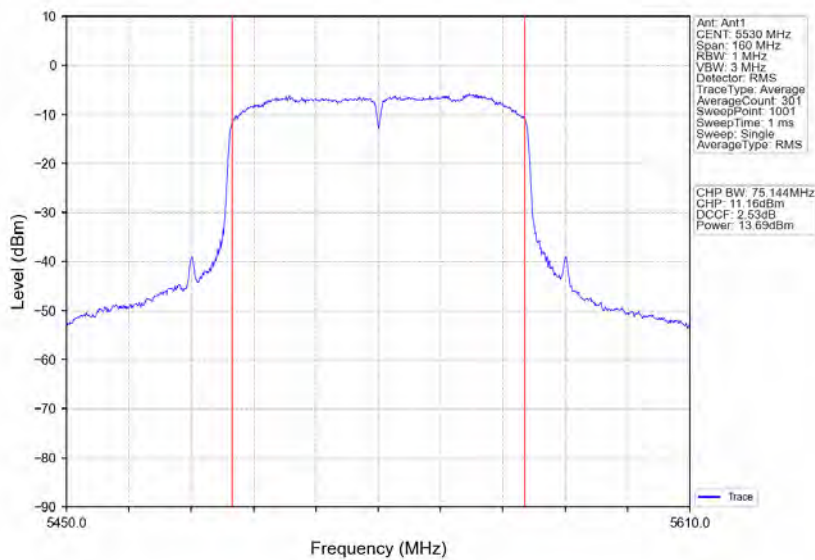
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



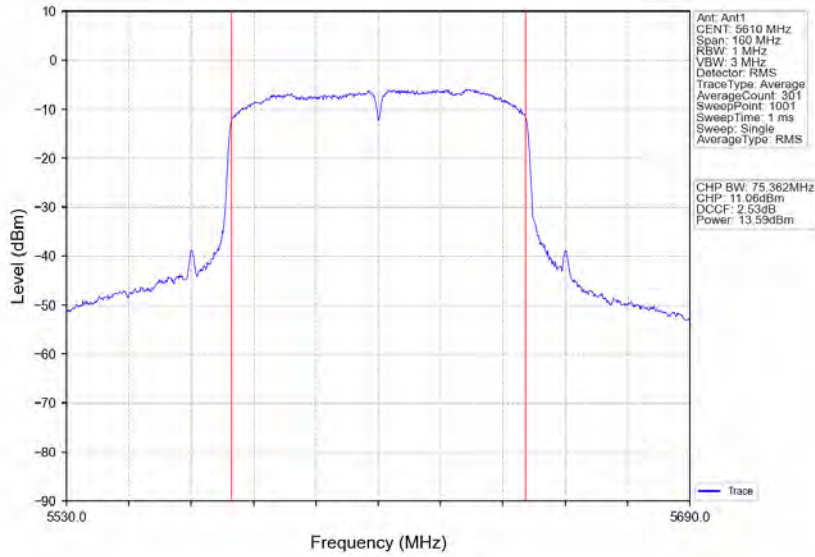
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



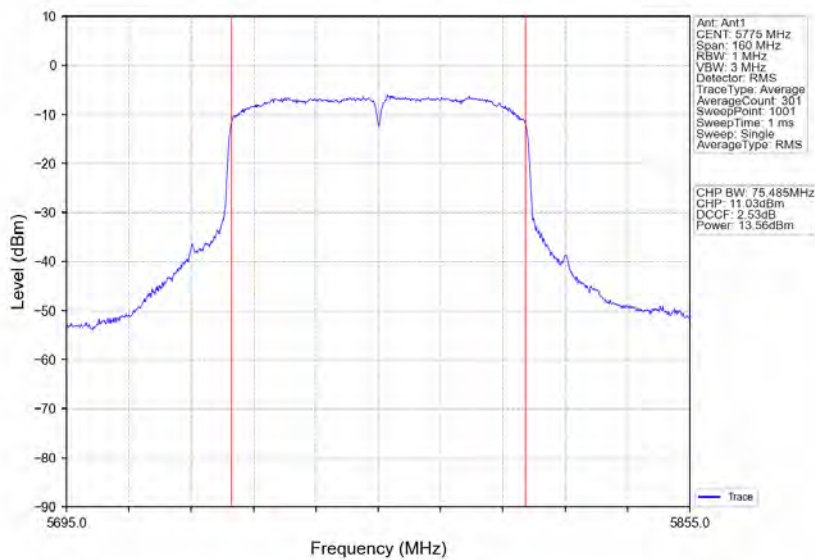
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



4. Maximum Power Spectral Density

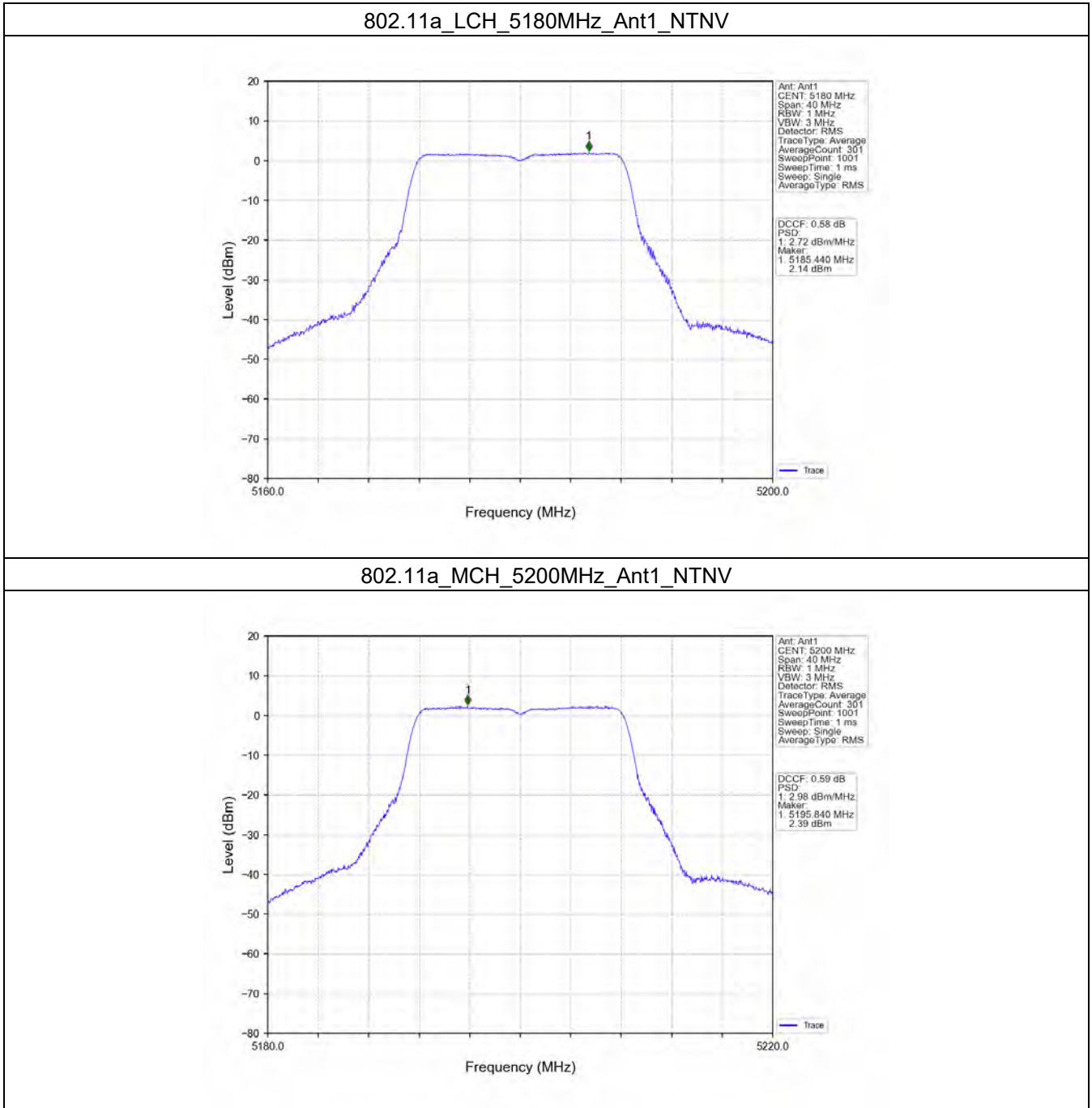
4.1 PSD

4.1.1 Test Result

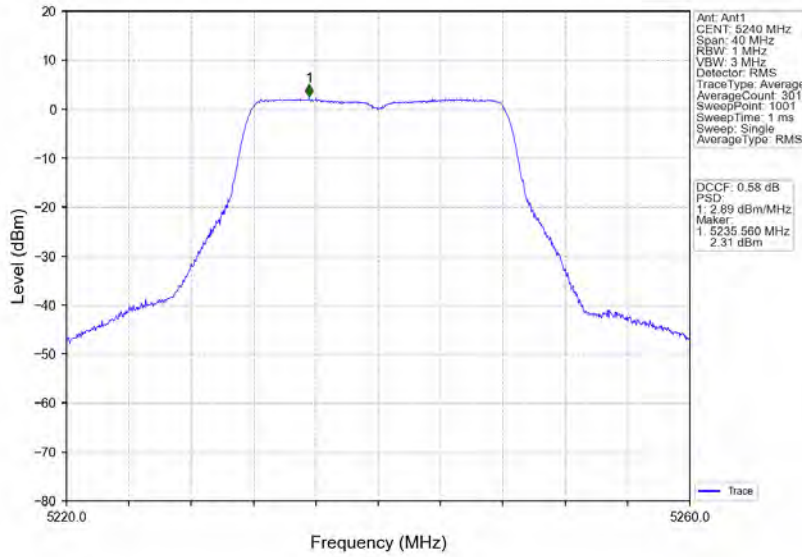
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	2.72	<=11	Pass
		5200	2.98	<=11	Pass
		5240	2.89	<=11	Pass
		5260	3.56	<=11	Pass
		5300	2.47	<=11	Pass
		5320	3.31	<=11	Pass
		5500	3.46	<=11	Pass
		5580	3.70	<=11	Pass
802.11n (HT20)	SISO	5700	1.88	<=11	Pass
		5180	2.60	<=11	Pass
		5200	2.22	<=11	Pass
		5240	2.48	<=11	Pass
		5260	2.78	<=11	Pass
		5300	1.87	<=11	Pass
		5320	2.51	<=11	Pass
		5500	2.94	<=11	Pass
802.11n (HT40)	SISO	5580	3.24	<=11	Pass
		5700	2.31	<=11	Pass
		5190	-0.48	<=11	Pass
		5230	-0.99	<=11	Pass
		5270	0.26	<=11	Pass
		5310	-0.56	<=11	Pass
		5510	0.55	<=11	Pass
802.11ac (VHT80)	SISO	5550	0.01	<=11	Pass
		5670	0.72	<=11	Pass
		5210	-3.07	<=11	Pass
		5290	-3.06	<=11	Pass
		5530	-3.28	<=11	Pass
		5610	-3.10	<=11	Pass

Note1: Antenna Gain: Ant1: 1.00dBi;

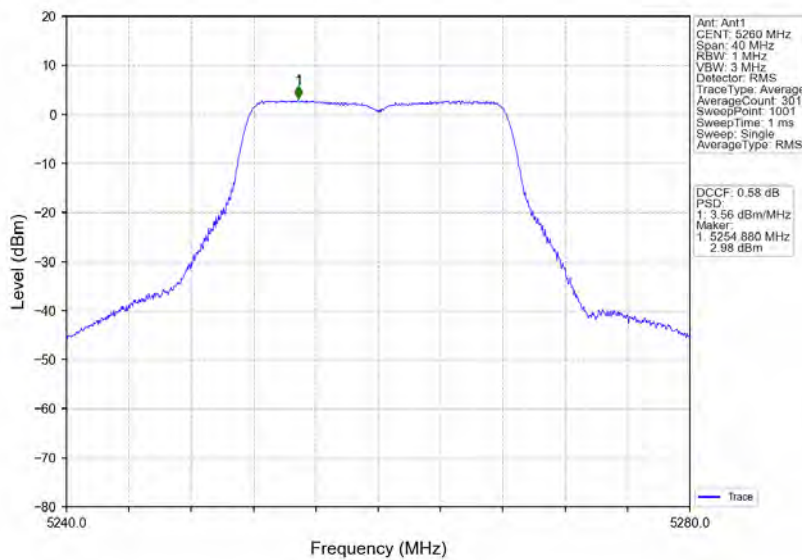
4.1.2 Test Graph



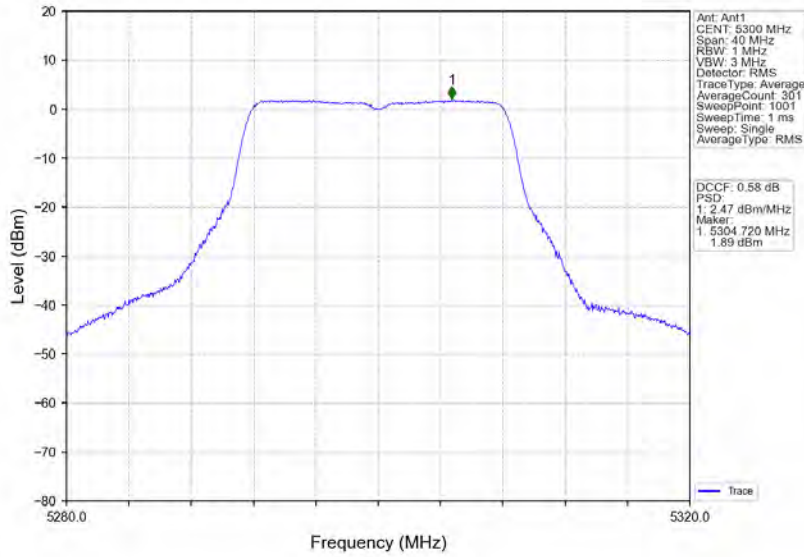
802.11a_HCH_5240MHz_Ant1_NTNV



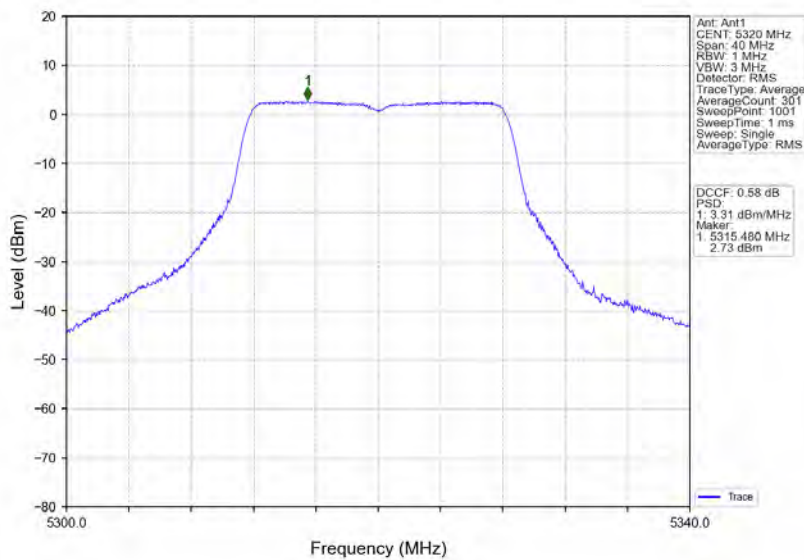
802.11a_LCH_5260MHz_Ant1_NTNV



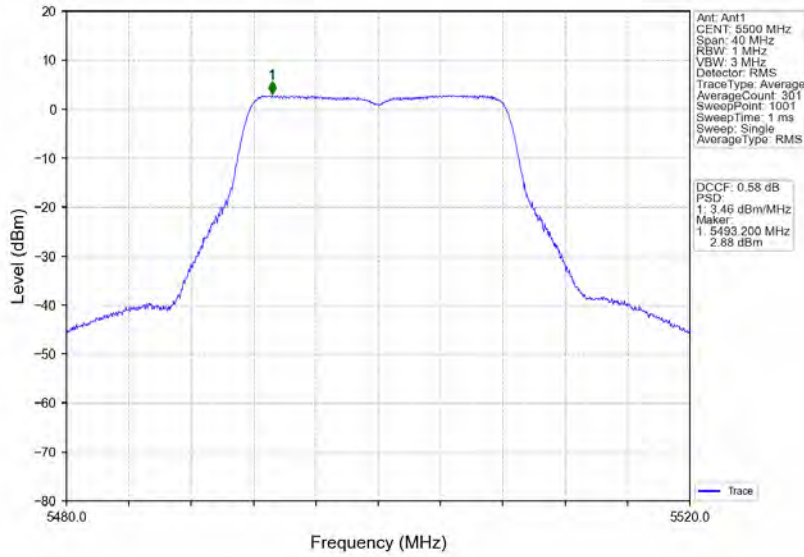
802.11a_MCH_5300MHz_Ant1_NTNV



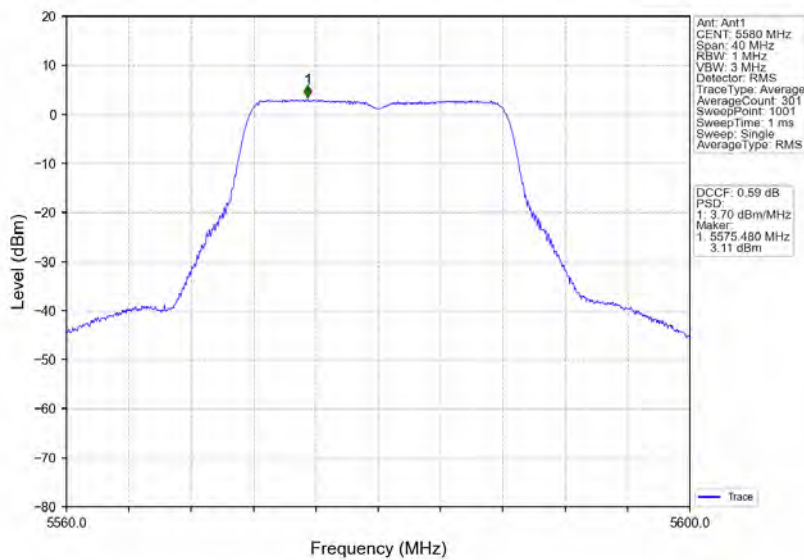
802.11a_HCH_5320MHz_Ant1_NTNV



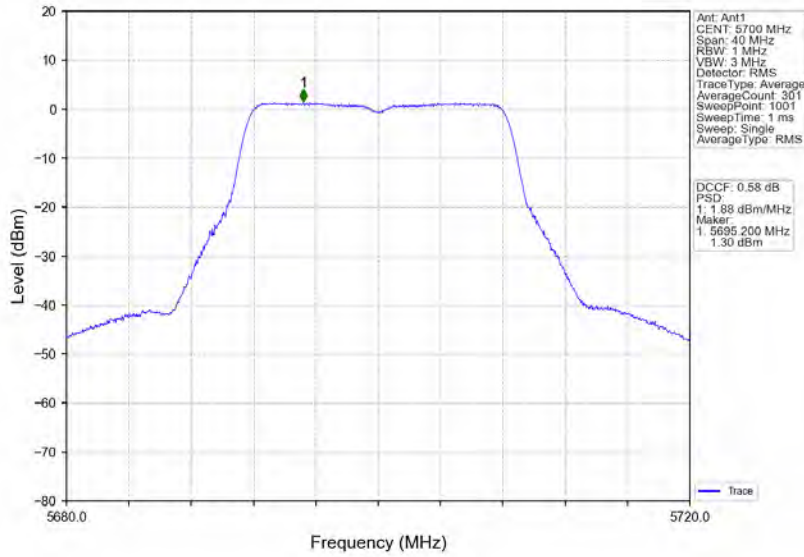
802.11a_LCH_5500MHz_Ant1_NTNV



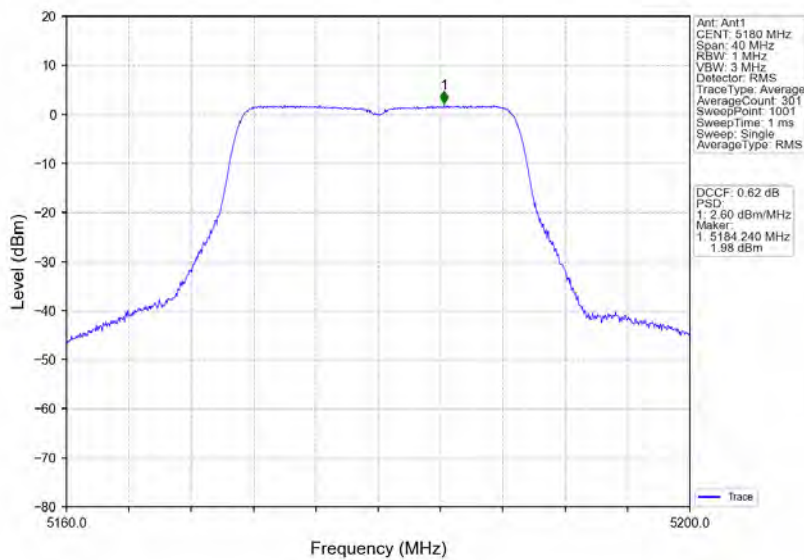
802.11a_MCH_5580MHz_Ant1_NTNV



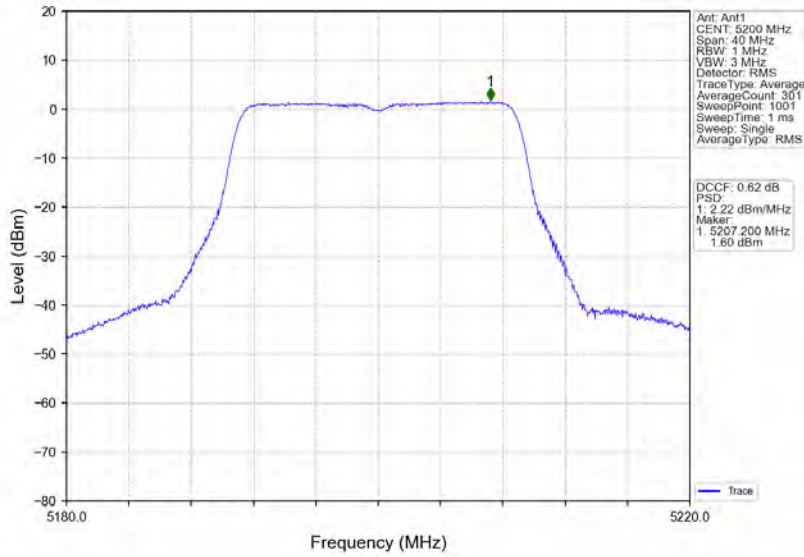
802.11a_HCH_5700MHz_Ant1_NTNV



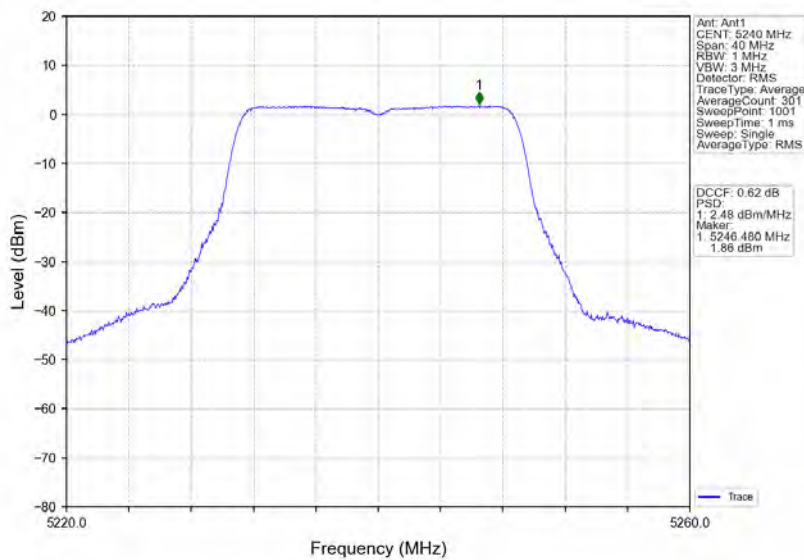
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



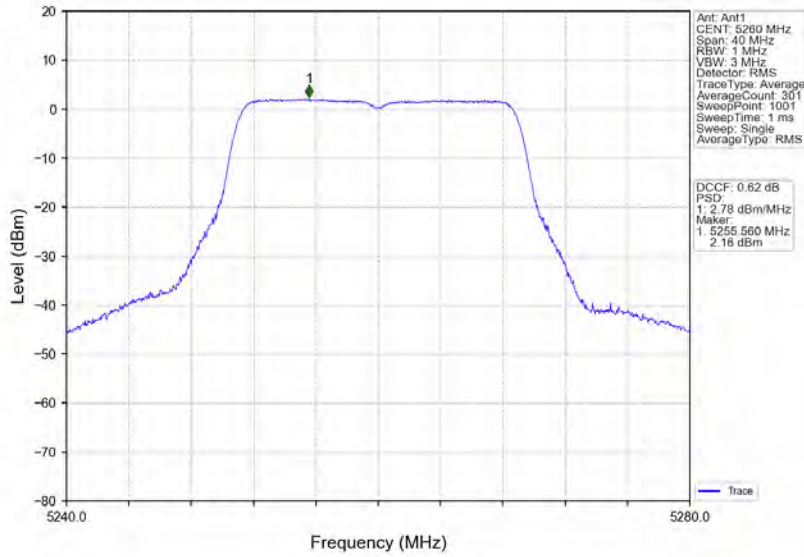
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



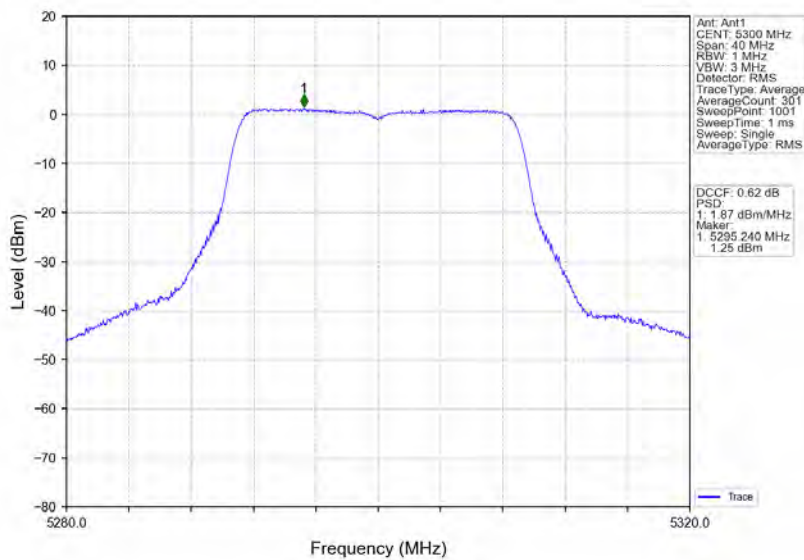
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



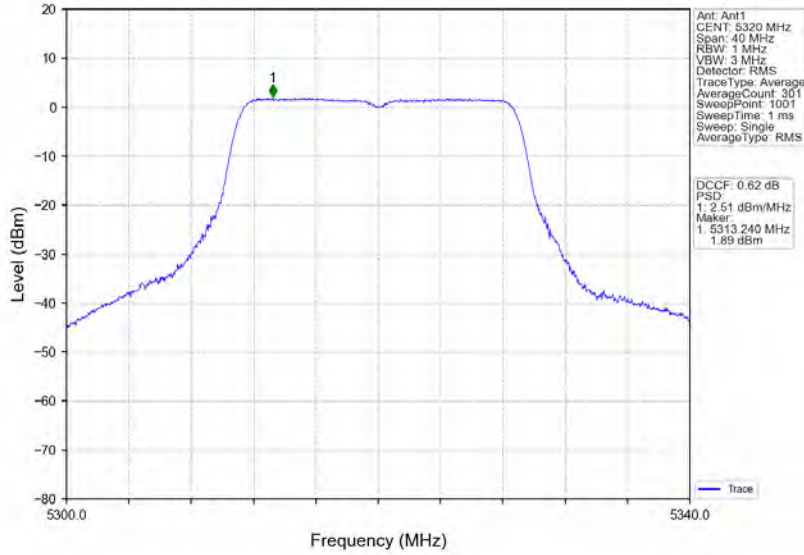
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



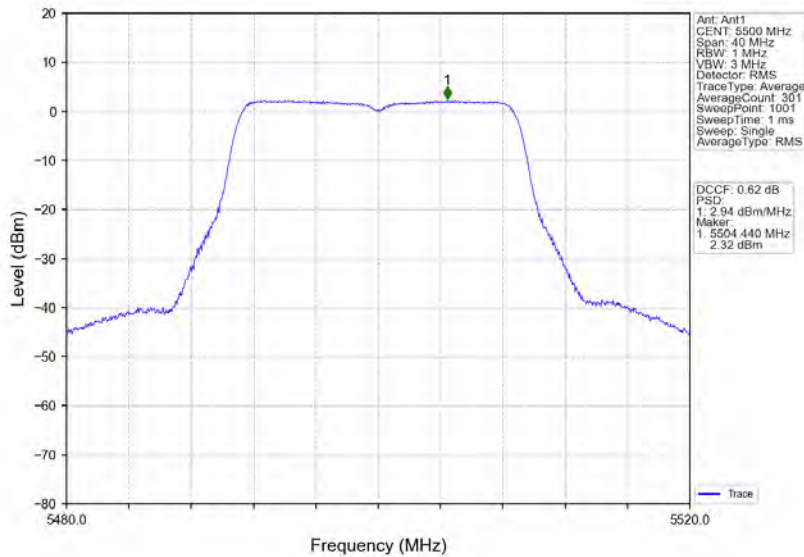
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



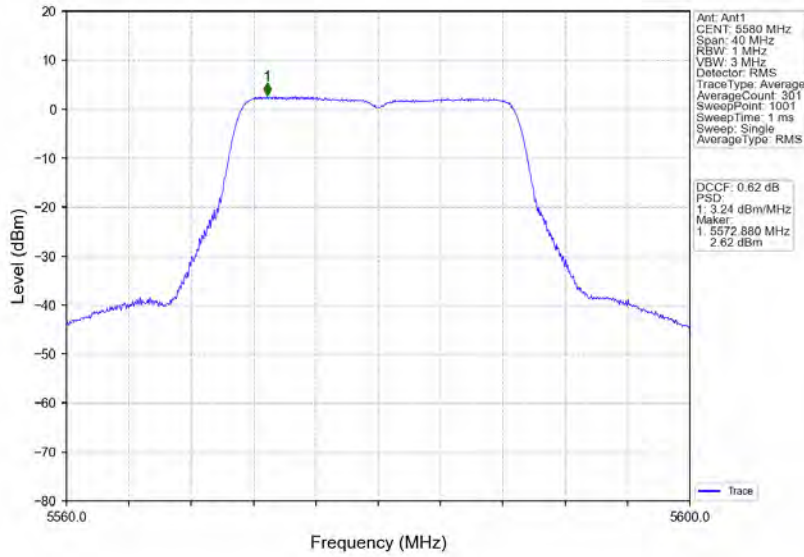
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



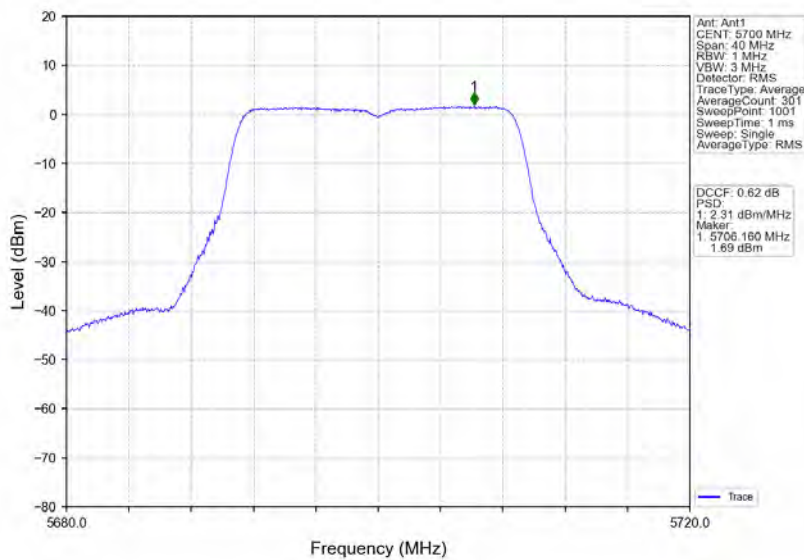
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



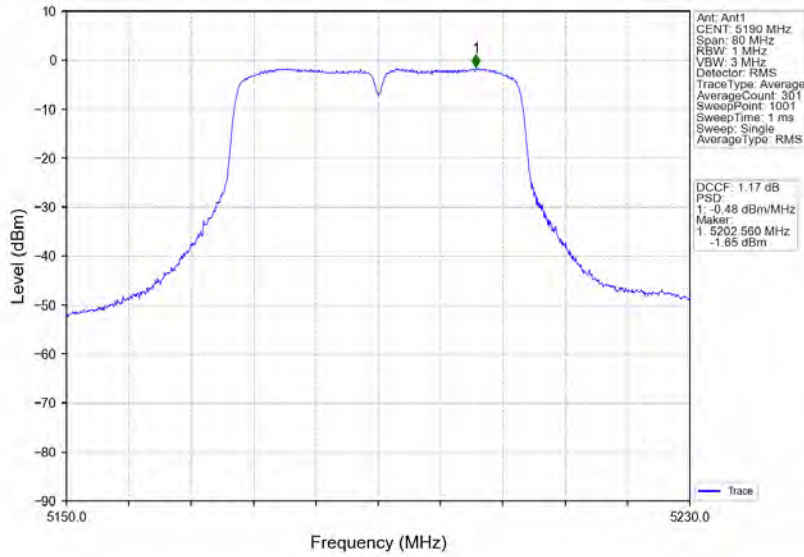
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



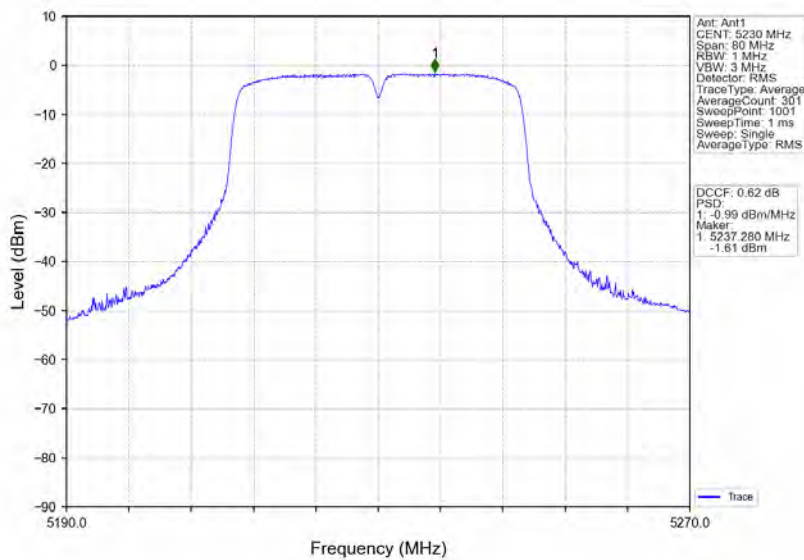
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



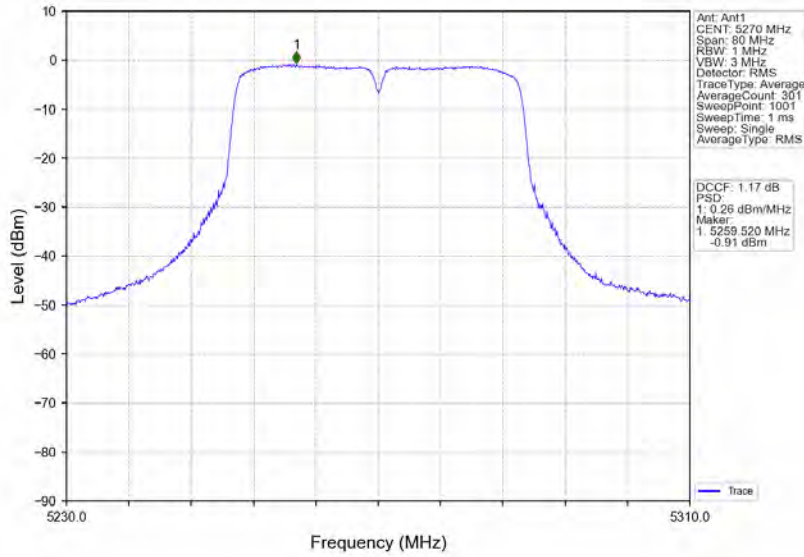
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



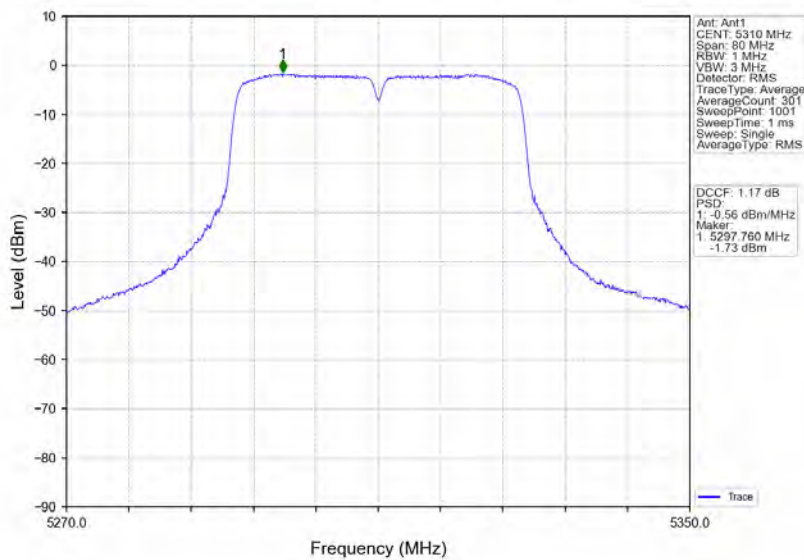
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



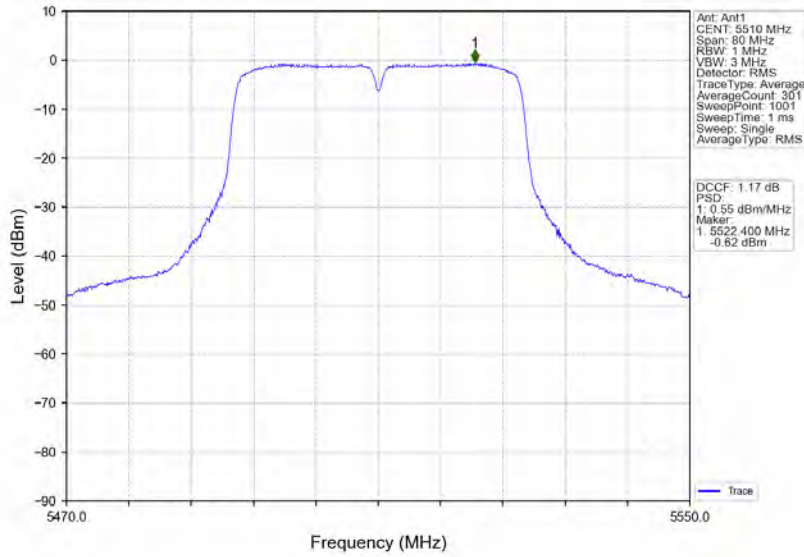
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



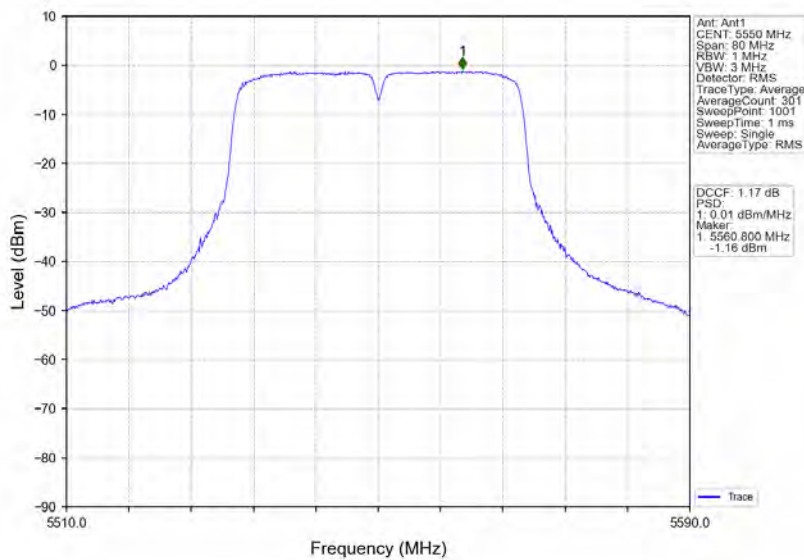
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



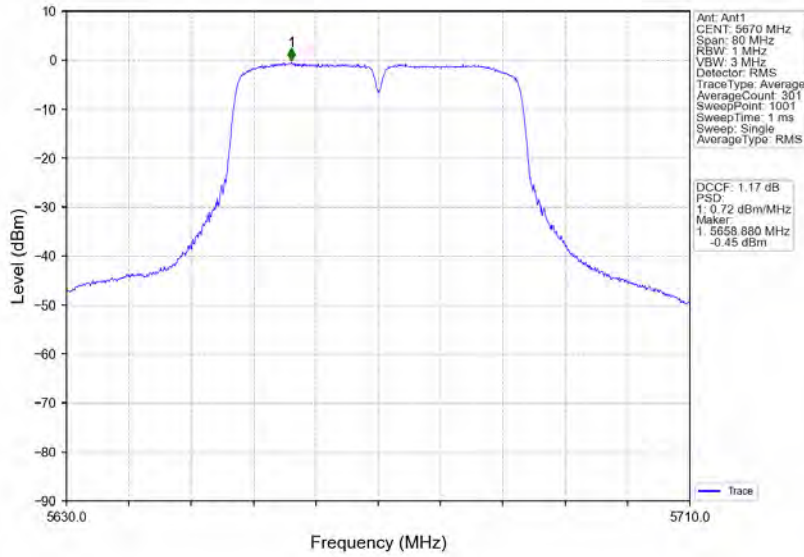
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



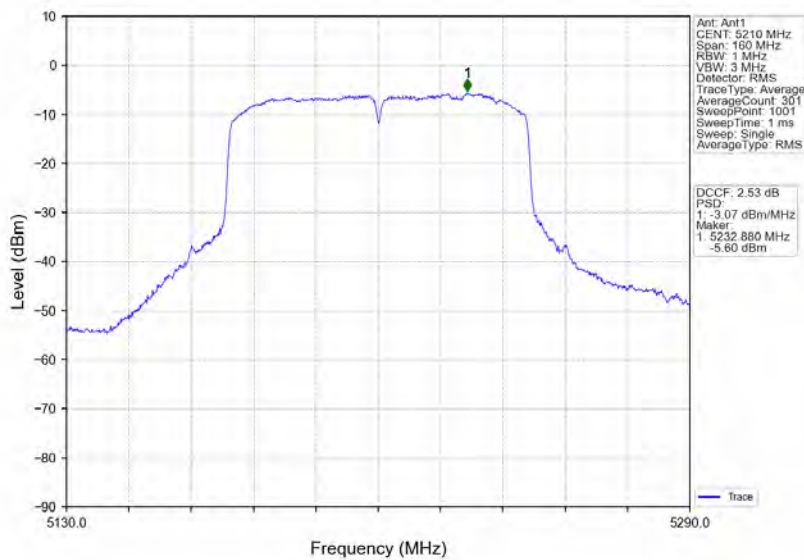
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



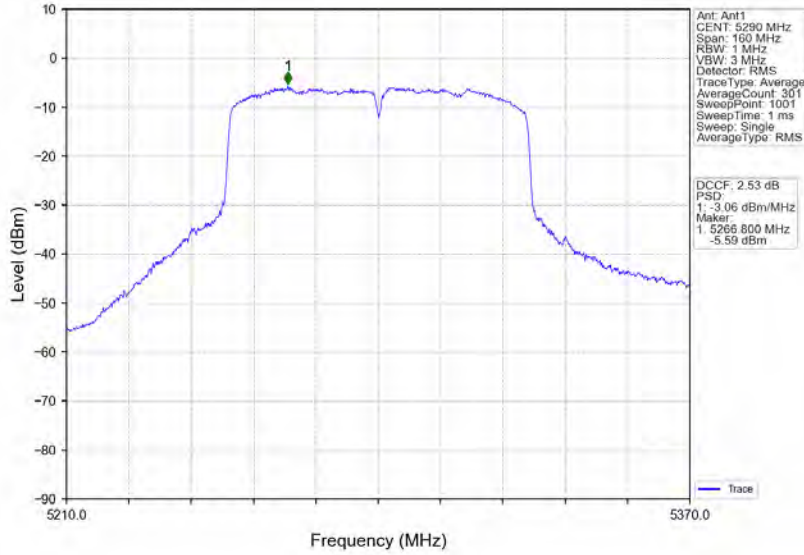
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



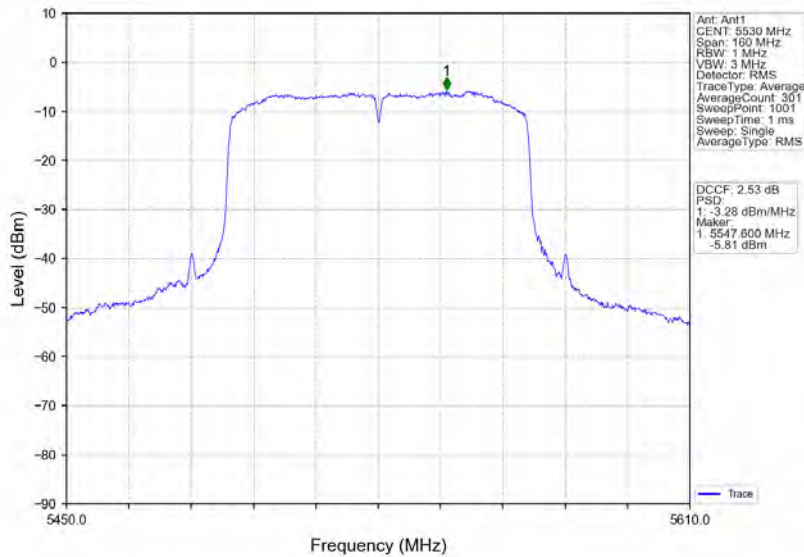
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



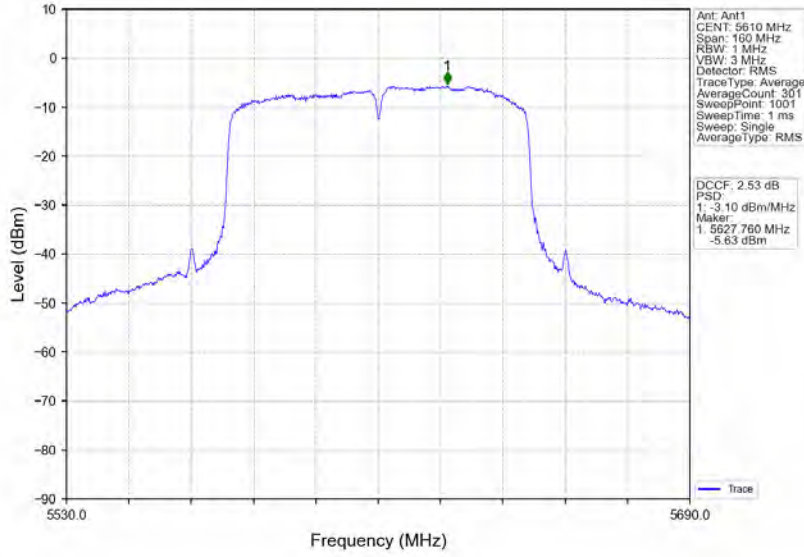
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV





Compliance Certification Services (Kunshan) Inc.

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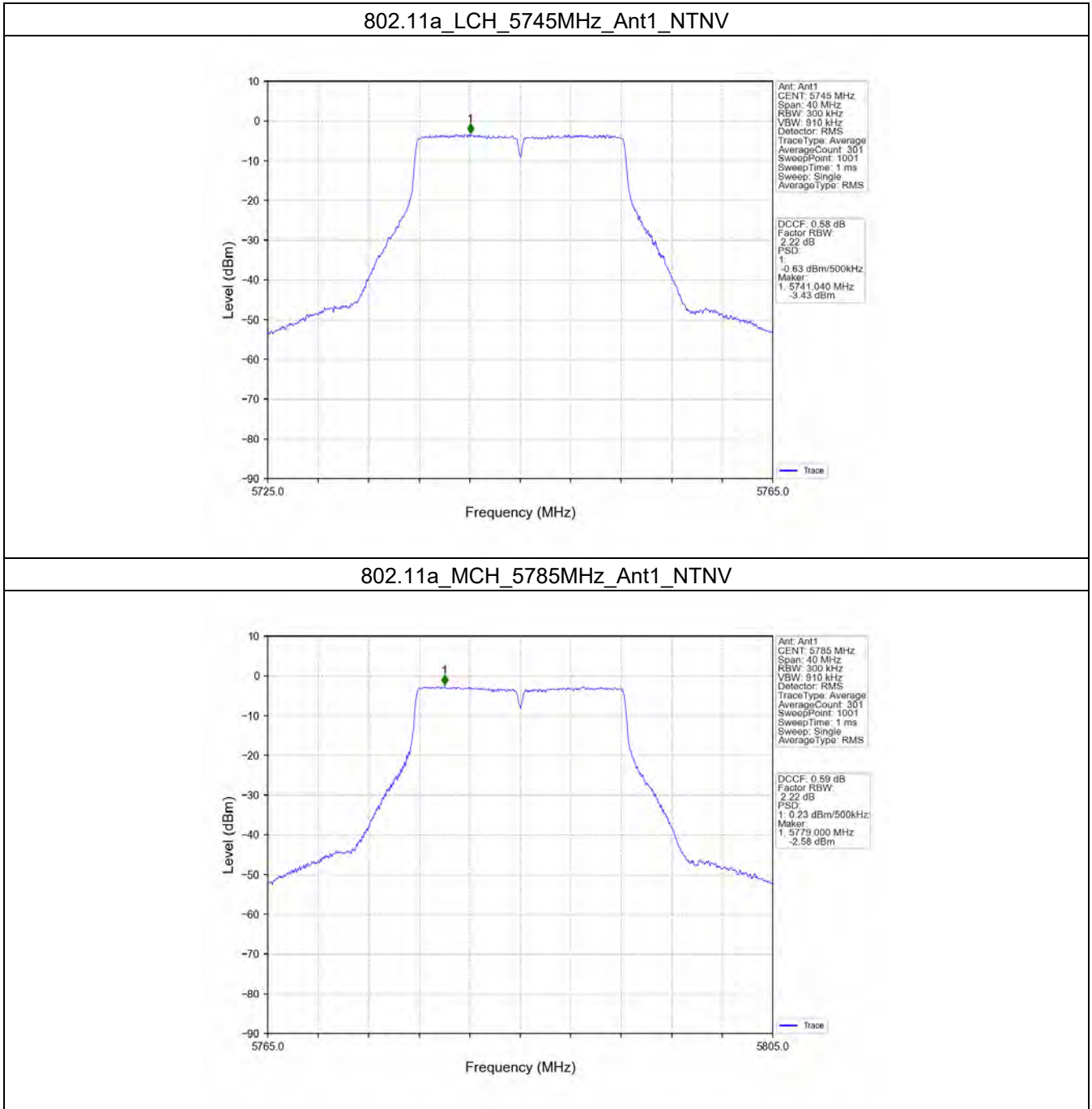
4.2 PSD-Band3

4.2.1 Test Result

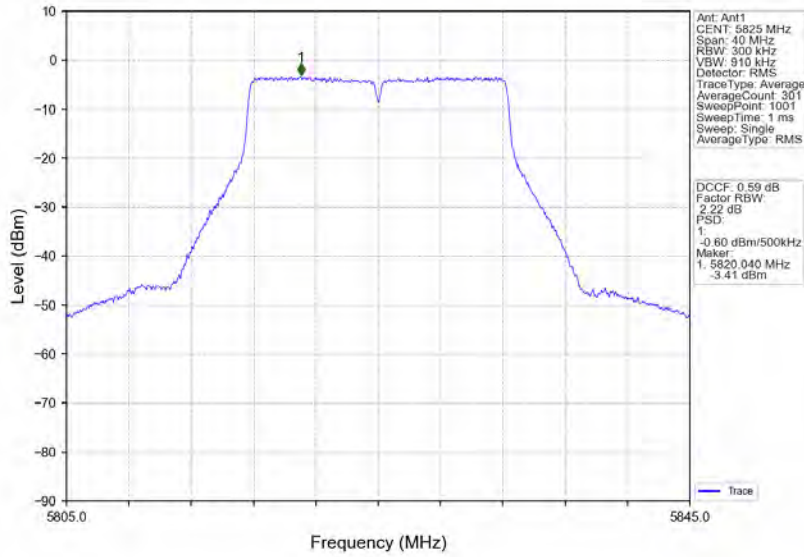
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-0.63	<=30	Pass
		5785	0.23	<=30	Pass
		5825	-0.60	<=30	Pass
802.11n (HT20)	SISO	5745	0.14	<=30	Pass
		5785	-0.42	<=30	Pass
		5825	-0.66	<=30	Pass
802.11n (HT40)	SISO	5755	-3.72	<=30	Pass
		5795	-2.97	<=30	Pass
802.11ac (VHT80)	SISO	5775	-5.99	<=30	Pass

Note1: Antenna Gain: Ant1: 1.00dBi;

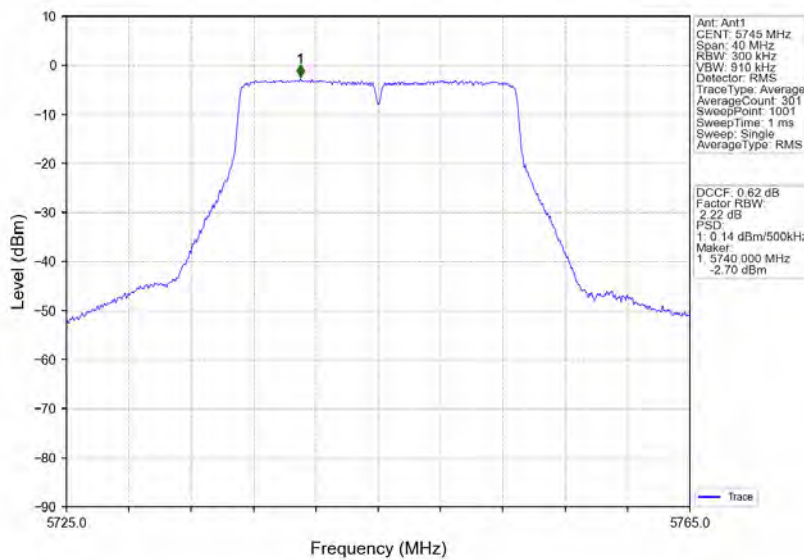
4.2.2 Test Graph



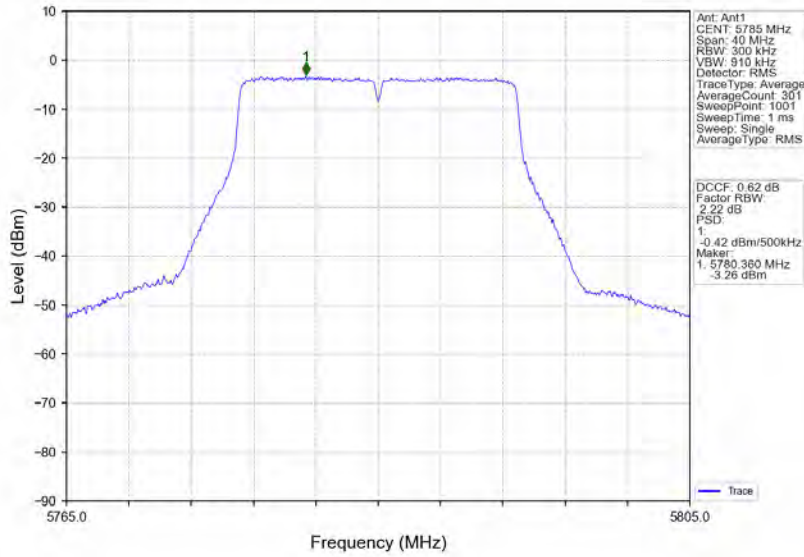
802.11a_HCH_5825MHz_Ant1_NTNV



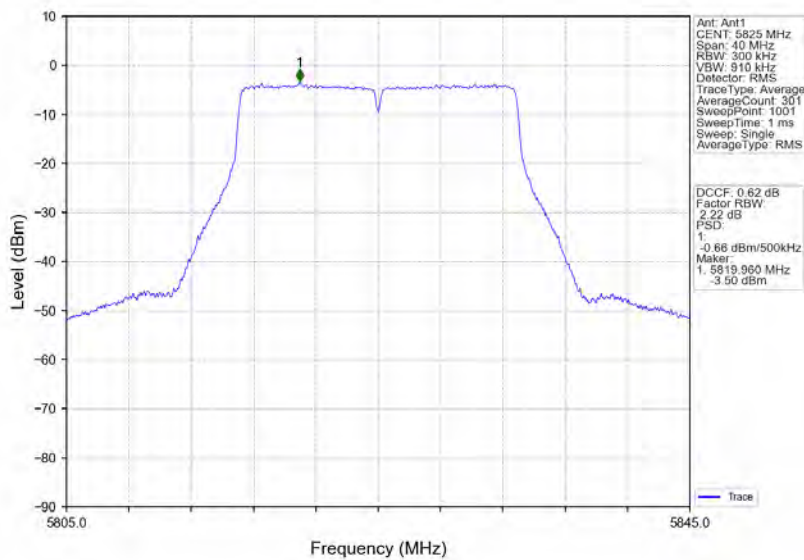
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



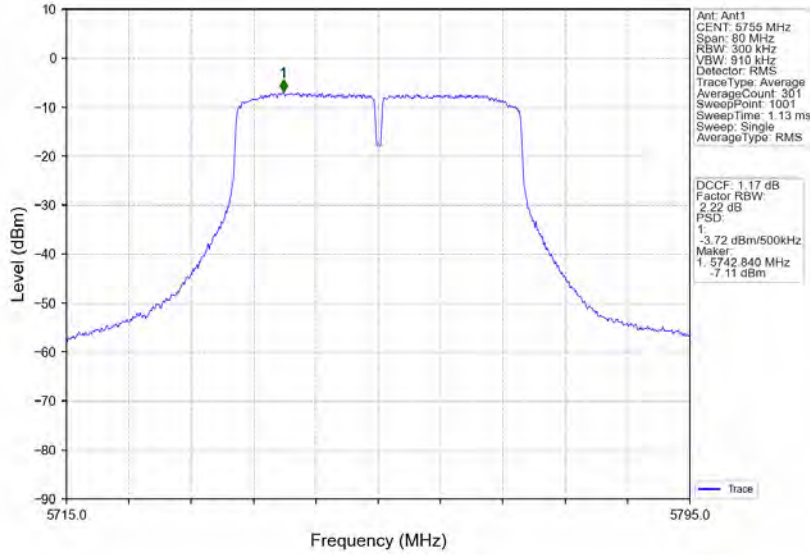
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



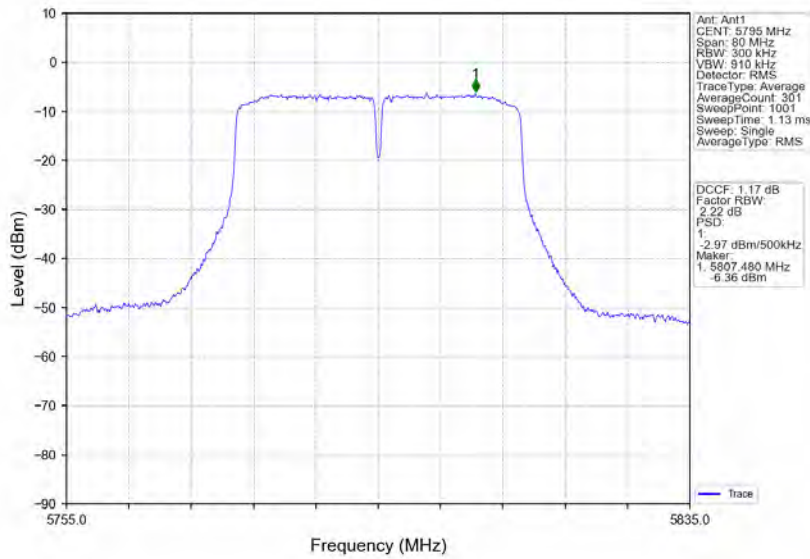
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



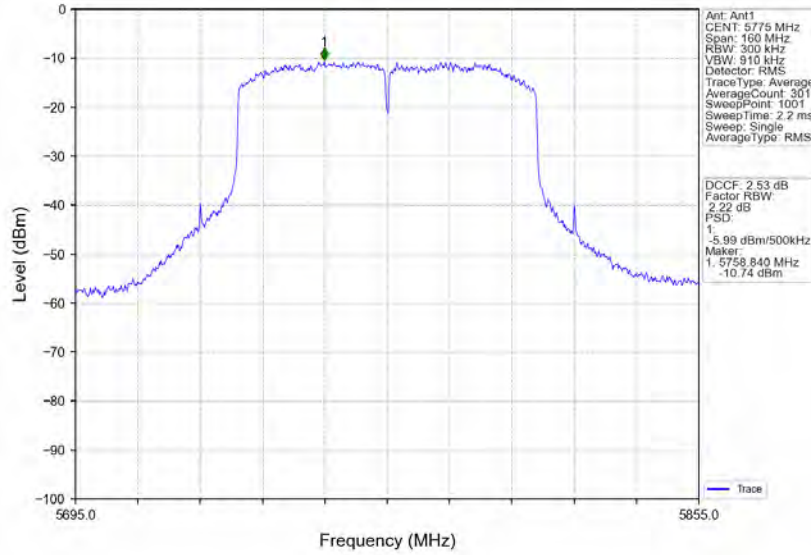
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV





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4.3 E.I.R.PSD

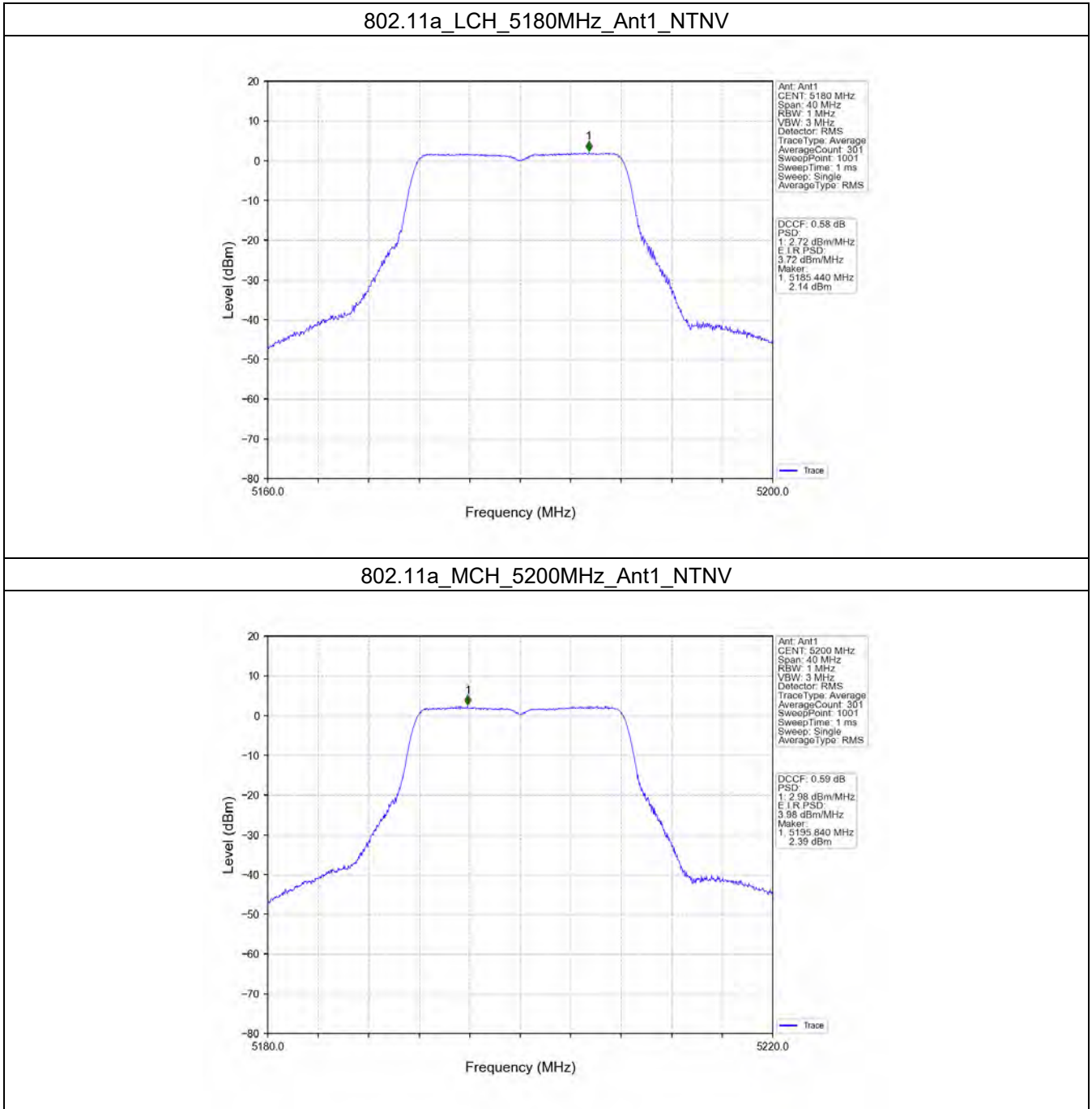
4.3.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum E.I.R.PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	3.72	<=10	Pass
		5200	3.98	<=10	Pass
		5240	3.89	<=10	Pass
802.11n (HT20)	SISO	5180	3.60	<=10	Pass
		5200	3.22	<=10	Pass
		5240	3.48	<=10	Pass
802.11n (HT40)	SISO	5190	0.52	<=10	Pass
		5230	0.01	<=10	Pass
802.11ac (VHT80)	SISO	5210	-2.07	<=10	Pass

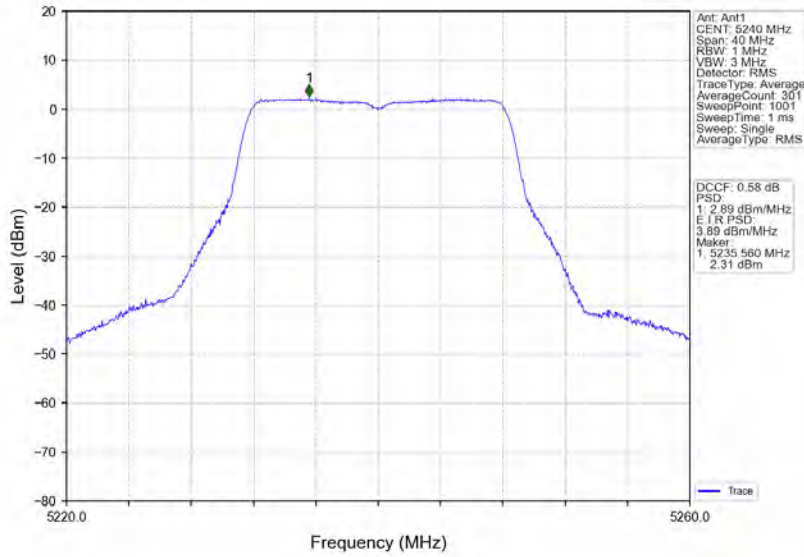
Note1: Antenna Gain: Ant1: 1.00dBi;

Note2: E.I.R.PSD = Measured PSD + Antenna Gain

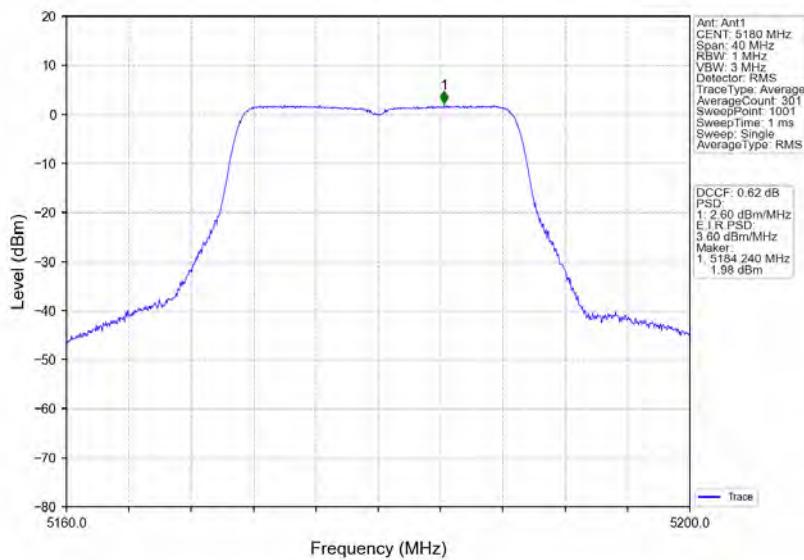
4.3.2 Test Graph



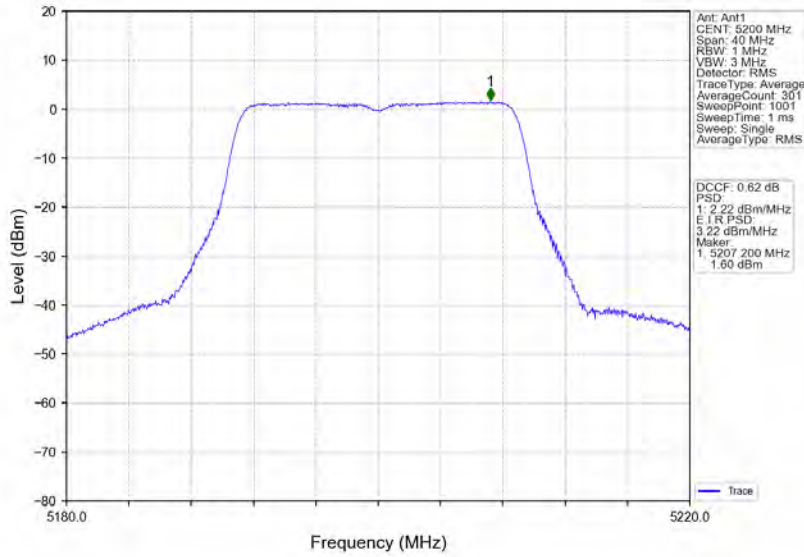
802.11a_HCH_5240MHz_Ant1_NTNV



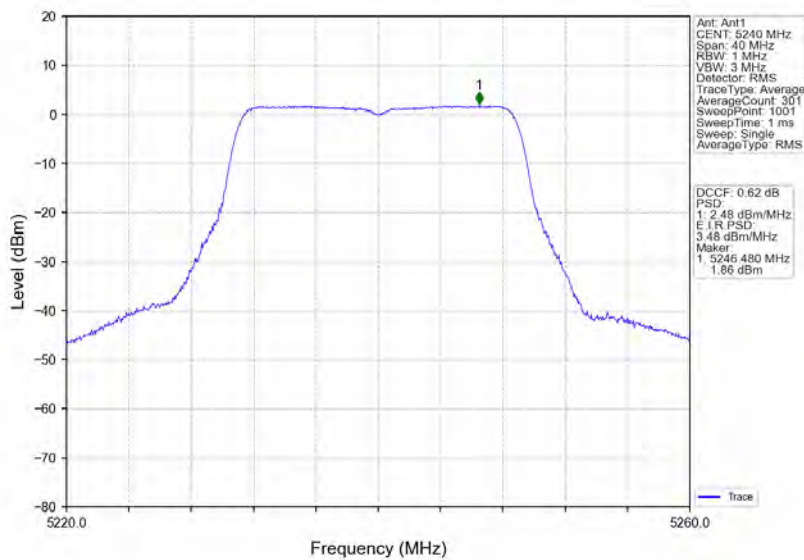
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



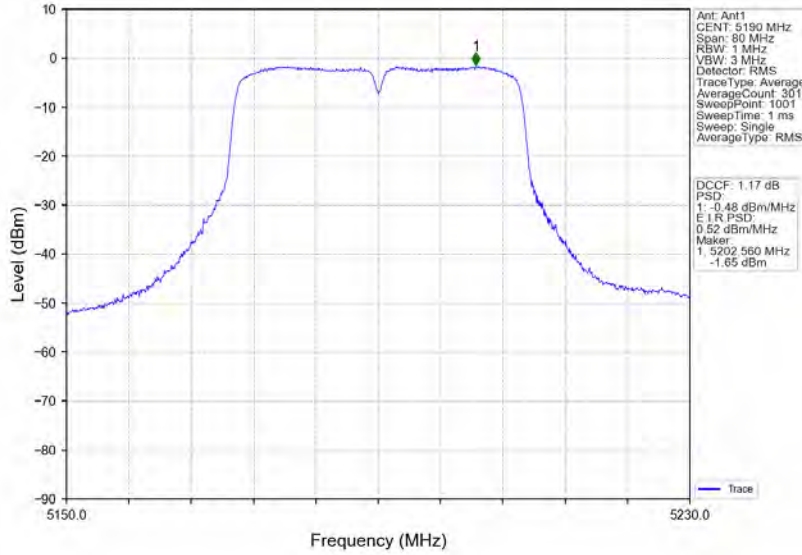
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



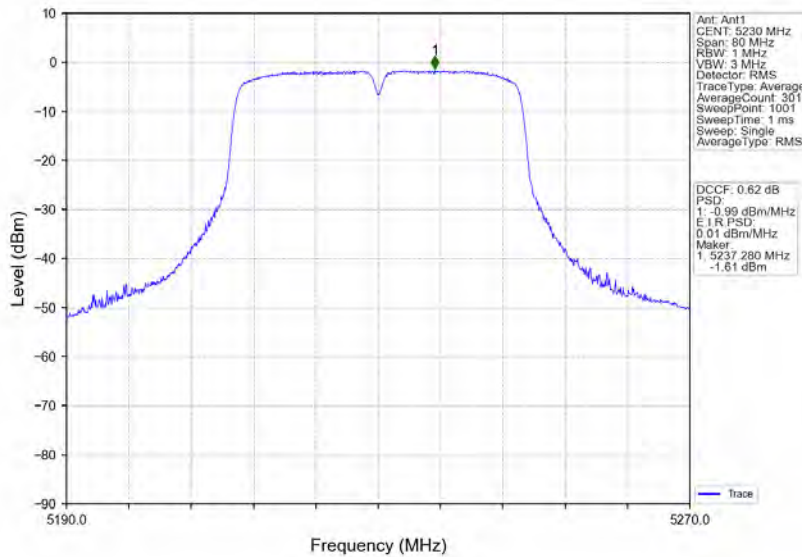
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



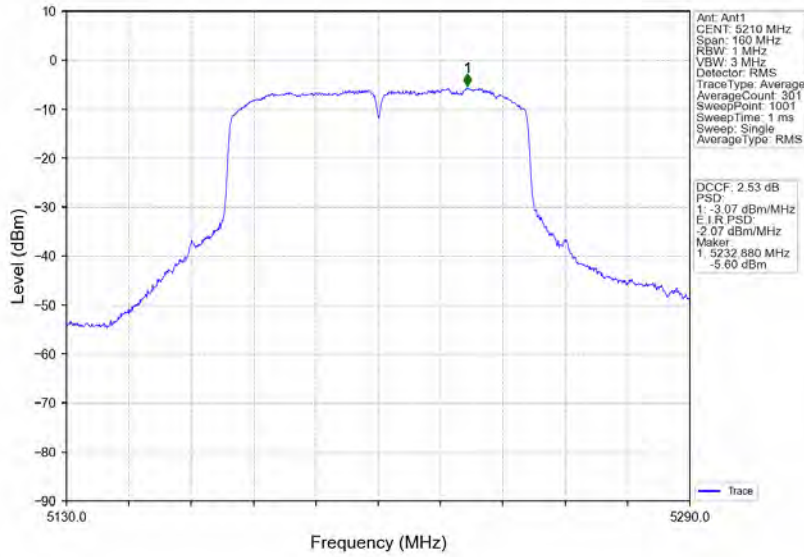
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	3.23	5180.000	5150 to 5250	Pass
				3.8	5179.980	5150 to 5250	Pass
				4.37	5180.020	5150 to 5250	Pass
			-30	3.8	5180.000	5150 to 5250	Pass
			-20	3.8	5180.020	5150 to 5250	Pass
			-10	3.8	5180.000	5150 to 5250	Pass
			0	3.8	5179.980	5150 to 5250	Pass
			10	3.8	5180.020	5150 to 5250	Pass
			30	3.8	5180.000	5150 to 5250	Pass
			40	3.8	5179.980	5150 to 5250	Pass
			50	3.8	5180.020	5150 to 5250	Pass
			5200	20	3.23	5200.000	5150 to 5250
		3.8			5200.020	5150 to 5250	Pass
		4.37			5200.020	5150 to 5250	Pass
		-30		3.8	5199.980	5150 to 5250	Pass
		-20		3.8	5199.980	5150 to 5250	Pass
		-10		3.8	5200.000	5150 to 5250	Pass
		0		3.8	5200.000	5150 to 5250	Pass
		10		3.8	5200.000	5150 to 5250	Pass
		30		3.8	5200.020	5150 to 5250	Pass
		40		3.8	5200.020	5150 to 5250	Pass
		50		3.8	5200.060	5150 to 5250	Pass
		5240		20	3.23	5240.060	5150 to 5250
			3.8		5240.000	5150 to 5250	Pass
			4.37		5240.060	5150 to 5250	Pass
			-30	3.8	5240.060	5150 to 5250	Pass
			-20	3.8	5240.040	5150 to 5250	Pass
			-10	3.8	5240.040	5150 to 5250	Pass
			0	3.8	5239.960	5150 to 5250	Pass
			10	3.8	5240.020	5150 to 5250	Pass
			30	3.8	5239.980	5150 to 5250	Pass
			40	3.8	5240.020	5150 to 5250	Pass
			50	3.8	5240.040	5150 to 5250	Pass
			5260	20	3.23	5260.040	5250 to 5350



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				3.8	5259.940	5250 to 5350	Pass
				4.37	5259.960	5250 to 5350	Pass
			-30	3.8	5260.000	5250 to 5350	Pass
			-20	3.8	5260.000	5250 to 5350	Pass
			-10	3.8	5260.000	5250 to 5350	Pass
			0	3.8	5259.980	5250 to 5350	Pass
			10	3.8	5260.000	5250 to 5350	Pass
			30	3.8	5260.000	5250 to 5350	Pass
			40	3.8	5260.000	5250 to 5350	Pass
			50	3.8	5260.000	5250 to 5350	Pass
		5300	20	3.23	5299.960	5250 to 5350	Pass
				3.8	5299.980	5250 to 5350	Pass
				4.37	5299.960	5250 to 5350	Pass
			-30	3.8	5300.000	5250 to 5350	Pass
			-20	3.8	5300.020	5250 to 5350	Pass
			-10	3.8	5300.000	5250 to 5350	Pass
			0	3.8	5299.980	5250 to 5350	Pass
			10	3.8	5299.980	5250 to 5350	Pass
			30	3.8	5299.980	5250 to 5350	Pass
			40	3.8	5300.020	5250 to 5350	Pass
		50	3.8	5299.980	5250 to 5350	Pass	
		5320	20	3.23	5319.980	5250 to 5350	Pass
				3.8	5320.000	5250 to 5350	Pass
				4.37	5319.980	5250 to 5350	Pass
			-30	3.8	5320.000	5250 to 5350	Pass
			-20	3.8	5320.020	5250 to 5350	Pass
			-10	3.8	5319.960	5250 to 5350	Pass
			0	3.8	5319.960	5250 to 5350	Pass
			10	3.8	5320.020	5250 to 5350	Pass
			30	3.8	5319.980	5250 to 5350	Pass
			40	3.8	5319.980	5250 to 5350	Pass
		50	3.8	5320.020	5250 to 5350	Pass	
		5500	20	3.23	5499.960	5470 to 5725	Pass
				3.8	5499.980	5470 to 5725	Pass
				4.37	5499.960	5470 to 5725	Pass
			-30	3.8	5499.960	5470 to 5725	Pass
			-20	3.8	5500.000	5470 to 5725	Pass
			-10	3.8	5500.020	5470 to 5725	Pass
			0	3.8	5500.000	5470 to 5725	Pass
			10	3.8	5499.980	5470 to 5725	Pass
			30	3.8	5500.020	5470 to 5725	Pass
			40	3.8	5500.020	5470 to 5725	Pass
50	3.8	5499.980	5470 to 5725	Pass			
5580	20	3.23	5579.960	5470 to 5725	Pass		



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			3.8	5579.980	5470 to 5725	Pass	
			4.37	5579.980	5470 to 5725	Pass	
			-30	3.8	5579.960	5470 to 5725	Pass
			-20	3.8	5579.980	5470 to 5725	Pass
			-10	3.8	5579.960	5470 to 5725	Pass
			0	3.8	5580.040	5470 to 5725	Pass
			10	3.8	5579.960	5470 to 5725	Pass
			30	3.8	5579.980	5470 to 5725	Pass
			40	3.8	5579.980	5470 to 5725	Pass
			50	3.8	5580.020	5470 to 5725	Pass
		5700	20	3.23	5700.060	5470 to 5725	Pass
				3.8	5699.960	5470 to 5725	Pass
				4.37	5700.020	5470 to 5725	Pass
			-30	3.8	5700.060	5470 to 5725	Pass
			-20	3.8	5699.960	5470 to 5725	Pass
			-10	3.8	5700.040	5470 to 5725	Pass
			0	3.8	5699.980	5470 to 5725	Pass
			10	3.8	5699.940	5470 to 5725	Pass
			30	3.8	5700.000	5470 to 5725	Pass
			40	3.8	5699.960	5470 to 5725	Pass
		50	3.8	5700.020	5470 to 5725	Pass	
		5745	20	3.23	5744.940	5725 to 5850	Pass
				3.8	5744.980	5725 to 5850	Pass
				4.37	5745.020	5725 to 5850	Pass
			-30	3.8	5744.980	5725 to 5850	Pass
			-20	3.8	5745.000	5725 to 5850	Pass
			-10	3.8	5744.960	5725 to 5850	Pass
			0	3.8	5745.000	5725 to 5850	Pass
			10	3.8	5744.920	5725 to 5850	Pass
			30	3.8	5745.000	5725 to 5850	Pass
			40	3.8	5745.000	5725 to 5850	Pass
		50	3.8	5745.020	5725 to 5850	Pass	
		5785	20	3.23	5785.020	5725 to 5850	Pass
				3.8	5784.960	5725 to 5850	Pass
				4.37	5785.000	5725 to 5850	Pass
			-30	3.8	5785.020	5725 to 5850	Pass
			-20	3.8	5784.980	5725 to 5850	Pass
			-10	3.8	5785.000	5725 to 5850	Pass
			0	3.8	5784.980	5725 to 5850	Pass
			10	3.8	5785.000	5725 to 5850	Pass
			30	3.8	5784.960	5725 to 5850	Pass
			40	3.8	5785.040	5725 to 5850	Pass
		50	3.8	5785.040	5725 to 5850	Pass	
		5825	20	3.23	5825.020	5725 to 5850	Pass



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				3.8	5825.040	5725 to 5850	Pass	
				4.37	5825.000	5725 to 5850	Pass	
				-30	3.8	5824.980	5725 to 5850	Pass
				-20	3.8	5824.980	5725 to 5850	Pass
				-10	3.8	5824.960	5725 to 5850	Pass
				0	3.8	5824.980	5725 to 5850	Pass
				10	3.8	5825.040	5725 to 5850	Pass
				30	3.8	5824.960	5725 to 5850	Pass
				40	3.8	5825.020	5725 to 5850	Pass
				50	3.8	5824.980	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	3.23	5180.020	5150 to 5250	Pass	
				3.8	5180.020	5150 to 5250	Pass	
				4.37	5180.020	5150 to 5250	Pass	
				-30	3.8	5179.960	5150 to 5250	Pass
				-20	3.8	5180.040	5150 to 5250	Pass
				-10	3.8	5180.020	5150 to 5250	Pass
				0	3.8	5180.060	5150 to 5250	Pass
				10	3.8	5180.020	5150 to 5250	Pass
				30	3.8	5180.040	5150 to 5250	Pass
				40	3.8	5180.040	5150 to 5250	Pass
			50	3.8	5180.000	5150 to 5250	Pass	
			5200	20	3.23	5200.060	5150 to 5250	Pass
		3.8			5200.020	5150 to 5250	Pass	
		4.37			5200.060	5150 to 5250	Pass	
				-30	3.8	5200.040	5150 to 5250	Pass
				-20	3.8	5200.020	5150 to 5250	Pass
				-10	3.8	5200.060	5150 to 5250	Pass
				0	3.8	5200.000	5150 to 5250	Pass
				10	3.8	5200.040	5150 to 5250	Pass
				30	3.8	5200.040	5150 to 5250	Pass
				40	3.8	5200.020	5150 to 5250	Pass
			50	3.8	5199.980	5150 to 5250	Pass	
			5240	20	3.23	5240.020	5150 to 5250	Pass
		3.8			5240.020	5150 to 5250	Pass	
		4.37			5240.020	5150 to 5250	Pass	
				-30	3.8	5240.040	5150 to 5250	Pass
				-20	3.8	5239.980	5150 to 5250	Pass
				-10	3.8	5240.000	5150 to 5250	Pass
				0	3.8	5239.960	5150 to 5250	Pass
				10	3.8	5240.080	5150 to 5250	Pass
	30	3.8		5240.000	5150 to 5250	Pass		
	40	3.8		5240.040	5150 to 5250	Pass		
	50	3.8	5240.020	5150 to 5250	Pass			
	5260	20	3.23	5260.020	5250 to 5350	Pass		



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				3.8	5259.980	5250 to 5350	Pass	
				4.37	5259.980	5250 to 5350	Pass	
			-30	3.8	5260.000	5250 to 5350	Pass	
			-20	3.8	5260.020	5250 to 5350	Pass	
			-10	3.8	5260.000	5250 to 5350	Pass	
			0	3.8	5260.020	5250 to 5350	Pass	
			10	3.8	5260.000	5250 to 5350	Pass	
			30	3.8	5259.960	5250 to 5350	Pass	
			40	3.8	5259.960	5250 to 5350	Pass	
			50	3.8	5259.980	5250 to 5350	Pass	
		5300	20		3.23	5300.020	5250 to 5350	Pass
					3.8	5300.020	5250 to 5350	Pass
					4.37	5299.940	5250 to 5350	Pass
			-30	3.8	5299.980	5250 to 5350	Pass	
			-20	3.8	5300.000	5250 to 5350	Pass	
			-10	3.8	5300.000	5250 to 5350	Pass	
			0	3.8	5299.980	5250 to 5350	Pass	
			10	3.8	5300.020	5250 to 5350	Pass	
			30	3.8	5299.980	5250 to 5350	Pass	
			40	3.8	5299.980	5250 to 5350	Pass	
		50	3.8	5299.980	5250 to 5350	Pass		
		5320	20		3.23	5319.940	5250 to 5350	Pass
					3.8	5320.000	5250 to 5350	Pass
					4.37	5319.960	5250 to 5350	Pass
			-30	3.8	5319.960	5250 to 5350	Pass	
			-20	3.8	5320.020	5250 to 5350	Pass	
			-10	3.8	5320.000	5250 to 5350	Pass	
			0	3.8	5320.060	5250 to 5350	Pass	
			10	3.8	5320.000	5250 to 5350	Pass	
			30	3.8	5320.060	5250 to 5350	Pass	
			40	3.8	5319.980	5250 to 5350	Pass	
		50	3.8	5319.940	5250 to 5350	Pass		
		5500	20		3.23	5500.040	5470 to 5725	Pass
					3.8	5499.980	5470 to 5725	Pass
					4.37	5499.980	5470 to 5725	Pass
			-30	3.8	5500.040	5470 to 5725	Pass	
			-20	3.8	5500.060	5470 to 5725	Pass	
			-10	3.8	5499.960	5470 to 5725	Pass	
			0	3.8	5500.000	5470 to 5725	Pass	
			10	3.8	5500.040	5470 to 5725	Pass	
			30	3.8	5500.040	5470 to 5725	Pass	
			40	3.8	5500.000	5470 to 5725	Pass	
		50	3.8	5499.940	5470 to 5725	Pass		
		5580	20	3.23	5579.980	5470 to 5725	Pass	



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				3.8	5580.000	5470 to 5725	Pass	
				4.37	5580.000	5470 to 5725	Pass	
			-30	3.8	5580.000	5470 to 5725	Pass	
			-20	3.8	5579.940	5470 to 5725	Pass	
			-10	3.8	5580.040	5470 to 5725	Pass	
			0	3.8	5580.000	5470 to 5725	Pass	
			10	3.8	5580.040	5470 to 5725	Pass	
			30	3.8	5579.960	5470 to 5725	Pass	
			40	3.8	5579.960	5470 to 5725	Pass	
			50	3.8	5580.000	5470 to 5725	Pass	
		5700	20		3.23	5700.020	5470 to 5725	Pass
					3.8	5700.000	5470 to 5725	Pass
					4.37	5700.040	5470 to 5725	Pass
			-30	3.8	5699.980	5470 to 5725	Pass	
			-20	3.8	5700.000	5470 to 5725	Pass	
			-10	3.8	5699.920	5470 to 5725	Pass	
			0	3.8	5699.980	5470 to 5725	Pass	
			10	3.8	5700.020	5470 to 5725	Pass	
			30	3.8	5700.000	5470 to 5725	Pass	
			40	3.8	5700.020	5470 to 5725	Pass	
		50	3.8	5699.980	5470 to 5725	Pass		
		5745	20		3.23	5744.960	5725 to 5850	Pass
					3.8	5745.000	5725 to 5850	Pass
					4.37	5744.920	5725 to 5850	Pass
			-30	3.8	5745.040	5725 to 5850	Pass	
			-20	3.8	5745.000	5725 to 5850	Pass	
			-10	3.8	5745.060	5725 to 5850	Pass	
			0	3.8	5745.000	5725 to 5850	Pass	
			10	3.8	5744.980	5725 to 5850	Pass	
			30	3.8	5744.940	5725 to 5850	Pass	
			40	3.8	5745.020	5725 to 5850	Pass	
		50	3.8	5745.000	5725 to 5850	Pass		
		5785	20		3.23	5785.040	5725 to 5850	Pass
					3.8	5784.980	5725 to 5850	Pass
					4.37	5784.960	5725 to 5850	Pass
			-30	3.8	5785.020	5725 to 5850	Pass	
			-20	3.8	5784.980	5725 to 5850	Pass	
			-10	3.8	5785.040	5725 to 5850	Pass	
			0	3.8	5785.040	5725 to 5850	Pass	
			10	3.8	5785.000	5725 to 5850	Pass	
			30	3.8	5785.060	5725 to 5850	Pass	
			40	3.8	5784.980	5725 to 5850	Pass	
		50	3.8	5784.960	5725 to 5850	Pass		
		5825	20	3.23	5825.020	5725 to 5850	Pass	



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				3.8	5825.000	5725 to 5850	Pass	
				4.37	5825.020	5725 to 5850	Pass	
				-30	3.8	5825.020	5725 to 5850	Pass
				-20	3.8	5824.960	5725 to 5850	Pass
				-10	3.8	5825.040	5725 to 5850	Pass
				0	3.8	5825.000	5725 to 5850	Pass
				10	3.8	5824.980	5725 to 5850	Pass
				30	3.8	5825.000	5725 to 5850	Pass
				40	3.8	5825.000	5725 to 5850	Pass
				50	3.8	5825.000	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	3.23	5190.040	5150 to 5250	Pass	
				3.8	5190.120	5150 to 5250	Pass	
				4.37	5190.000	5150 to 5250	Pass	
				-30	3.8	5190.080	5150 to 5250	Pass
				-20	3.8	5190.080	5150 to 5250	Pass
				-10	3.8	5190.080	5150 to 5250	Pass
				0	3.8	5190.080	5150 to 5250	Pass
				10	3.8	5190.040	5150 to 5250	Pass
				30	3.8	5190.120	5150 to 5250	Pass
				40	3.8	5190.080	5150 to 5250	Pass
			50	3.8	5190.120	5150 to 5250	Pass	
			5230	20	3.23	5230.080	5150 to 5250	Pass
		3.8			5230.080	5150 to 5250	Pass	
		4.37			5230.080	5150 to 5250	Pass	
				-30	3.8	5230.040	5150 to 5250	Pass
				-20	3.8	5230.080	5150 to 5250	Pass
				-10	3.8	5230.120	5150 to 5250	Pass
				0	3.8	5230.080	5150 to 5250	Pass
				10	3.8	5230.080	5150 to 5250	Pass
				30	3.8	5230.120	5150 to 5250	Pass
				40	3.8	5230.040	5150 to 5250	Pass
			50	3.8	5230.080	5150 to 5250	Pass	
			5270	20	3.23	5270.000	5250 to 5350	Pass
		3.8			5270.040	5250 to 5350	Pass	
		4.37			5269.960	5250 to 5350	Pass	
				-30	3.8	5270.040	5250 to 5350	Pass
				-20	3.8	5270.000	5250 to 5350	Pass
				-10	3.8	5270.000	5250 to 5350	Pass
				0	3.8	5270.040	5250 to 5350	Pass
				10	3.8	5270.000	5250 to 5350	Pass
	30	3.8		5269.920	5250 to 5350	Pass		
	40	3.8		5269.960	5250 to 5350	Pass		
	50	3.8	5270.000	5250 to 5350	Pass			
	5310	20	3.23	5310.000	5250 to 5350	Pass		



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				3.8	5310.080	5250 to 5350	Pass	
				4.37	5310.080	5250 to 5350	Pass	
			-30	3.8	5310.120	5250 to 5350	Pass	
			-20	3.8	5310.080	5250 to 5350	Pass	
			-10	3.8	5310.040	5250 to 5350	Pass	
			0	3.8	5310.000	5250 to 5350	Pass	
			10	3.8	5310.080	5250 to 5350	Pass	
			30	3.8	5310.120	5250 to 5350	Pass	
			40	3.8	5310.000	5250 to 5350	Pass	
			50	3.8	5310.000	5250 to 5350	Pass	
		5510	20		3.23	5510.040	5470 to 5725	Pass
					3.8	5510.040	5470 to 5725	Pass
					4.37	5510.120	5470 to 5725	Pass
			-30	3.8	5510.000	5470 to 5725	Pass	
			-20	3.8	5510.040	5470 to 5725	Pass	
			-10	3.8	5509.960	5470 to 5725	Pass	
			0	3.8	5510.000	5470 to 5725	Pass	
			10	3.8	5510.040	5470 to 5725	Pass	
			30	3.8	5510.040	5470 to 5725	Pass	
			40	3.8	5510.000	5470 to 5725	Pass	
		50	3.8	5510.040	5470 to 5725	Pass		
		5550	20		3.23	5550.040	5470 to 5725	Pass
					3.8	5550.000	5470 to 5725	Pass
					4.37	5550.080	5470 to 5725	Pass
			-30	3.8	5550.080	5470 to 5725	Pass	
			-20	3.8	5550.080	5470 to 5725	Pass	
			-10	3.8	5550.080	5470 to 5725	Pass	
			0	3.8	5550.040	5470 to 5725	Pass	
			10	3.8	5549.960	5470 to 5725	Pass	
			30	3.8	5550.080	5470 to 5725	Pass	
			40	3.8	5550.080	5470 to 5725	Pass	
		50	3.8	5550.040	5470 to 5725	Pass		
		5670	20		3.23	5670.040	5470 to 5725	Pass
					3.8	5670.040	5470 to 5725	Pass
					4.37	5670.040	5470 to 5725	Pass
			-30	3.8	5670.000	5470 to 5725	Pass	
			-20	3.8	5670.000	5470 to 5725	Pass	
			-10	3.8	5669.920	5470 to 5725	Pass	
			0	3.8	5669.960	5470 to 5725	Pass	
			10	3.8	5670.000	5470 to 5725	Pass	
			30	3.8	5669.960	5470 to 5725	Pass	
			40	3.8	5670.080	5470 to 5725	Pass	
		50	3.8	5670.000	5470 to 5725	Pass		
		5755	20		3.23	5755.040	5725 to 5850	Pass



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				3.8	5755.000	5725 to 5850	Pass			
				4.37	5755.040	5725 to 5850	Pass			
			-30	3.8	5755.040	5725 to 5850	Pass			
			-20	3.8	5754.960	5725 to 5850	Pass			
			-10	3.8	5755.040	5725 to 5850	Pass			
			0	3.8	5755.000	5725 to 5850	Pass			
			10	3.8	5755.120	5725 to 5850	Pass			
			30	3.8	5755.040	5725 to 5850	Pass			
			40	3.8	5755.000	5725 to 5850	Pass			
			50	3.8	5755.040	5725 to 5850	Pass			
		5795	20	3.23	5795.040	5725 to 5850	Pass			
				3.8	5795.080	5725 to 5850	Pass			
				4.37	5795.000	5725 to 5850	Pass			
			-30	3.8	5795.000	5725 to 5850	Pass			
			-20	3.8	5795.120	5725 to 5850	Pass			
			-10	3.8	5794.960	5725 to 5850	Pass			
			0	3.8	5795.040	5725 to 5850	Pass			
			10	3.8	5795.120	5725 to 5850	Pass			
			30	3.8	5795.040	5725 to 5850	Pass			
			40	3.8	5795.080	5725 to 5850	Pass			
			50	3.8	5795.080	5725 to 5850	Pass			
			802.11ac (VHT80)	SISO	5210	20	3.23	5210.075	5150 to 5250	Pass
							3.8	5210.075	5150 to 5250	Pass
							4.37	5210.075	5150 to 5250	Pass
						-30	3.8	5210.075	5150 to 5250	Pass
						-20	3.8	5210.075	5150 to 5250	Pass
						-10	3.8	5210.075	5150 to 5250	Pass
0	3.8	5210.075				5150 to 5250	Pass			
10	3.8	5210.075				5150 to 5250	Pass			
30	3.8	5210.075				5150 to 5250	Pass			
40	3.8	5210.075				5150 to 5250	Pass			
50	3.8	5210.075			5150 to 5250	Pass				
5290	20	3.23			5290.000	5250 to 5350	Pass			
		3.8			5290.075	5250 to 5350	Pass			
		4.37			5290.075	5250 to 5350	Pass			
	-30	3.8			5290.000	5250 to 5350	Pass			
	-20	3.8			5290.075	5250 to 5350	Pass			
	-10	3.8			5290.000	5250 to 5350	Pass			
	0	3.8	5290.075	5250 to 5350	Pass					
	10	3.8	5290.000	5250 to 5350	Pass					
	30	3.8	5290.000	5250 to 5350	Pass					
40	3.8	5290.000	5250 to 5350	Pass						
50	3.8	5290.000	5250 to 5350	Pass						
5530	20	3.23	5530.075	5470 to 5725	Pass					



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				3.8	5530.075	5470 to 5725	Pass	
				4.37	5530.075	5470 to 5725	Pass	
			-30	3.8	5530.075	5470 to 5725	Pass	
			-20	3.8	5530.075	5470 to 5725	Pass	
			-10	3.8	5530.000	5470 to 5725	Pass	
			0	3.8	5530.075	5470 to 5725	Pass	
			10	3.8	5530.075	5470 to 5725	Pass	
			30	3.8	5530.075	5470 to 5725	Pass	
			40	3.8	5530.075	5470 to 5725	Pass	
			50	3.8	5530.075	5470 to 5725	Pass	
		5610	20		3.23	5610.075	5470 to 5725	Pass
					3.8	5610.075	5470 to 5725	Pass
					4.37	5610.075	5470 to 5725	Pass
			-30	3.8	5610.075	5470 to 5725	Pass	
			-20	3.8	5610.075	5470 to 5725	Pass	
			-10	3.8	5610.075	5470 to 5725	Pass	
			0	3.8	5610.075	5470 to 5725	Pass	
			10	3.8	5610.075	5470 to 5725	Pass	
			30	3.8	5610.075	5470 to 5725	Pass	
			40	3.8	5610.075	5470 to 5725	Pass	
		50	3.8	5610.000	5470 to 5725	Pass		
		5775	20		3.23	5775.000	5725 to 5850	Pass
					3.8	5775.000	5725 to 5850	Pass
					4.37	5775.000	5725 to 5850	Pass
			-30	3.8	5775.075	5725 to 5850	Pass	
			-20	3.8	5775.000	5725 to 5850	Pass	
			-10	3.8	5775.000	5725 to 5850	Pass	
			0	3.8	5775.000	5725 to 5850	Pass	
			10	3.8	5775.075	5725 to 5850	Pass	
			30	3.8	5775.075	5725 to 5850	Pass	
			40	3.8	5775.075	5725 to 5850	Pass	
		50	3.8	5775.075	5725 to 5850	Pass		



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6. Signal Calibration

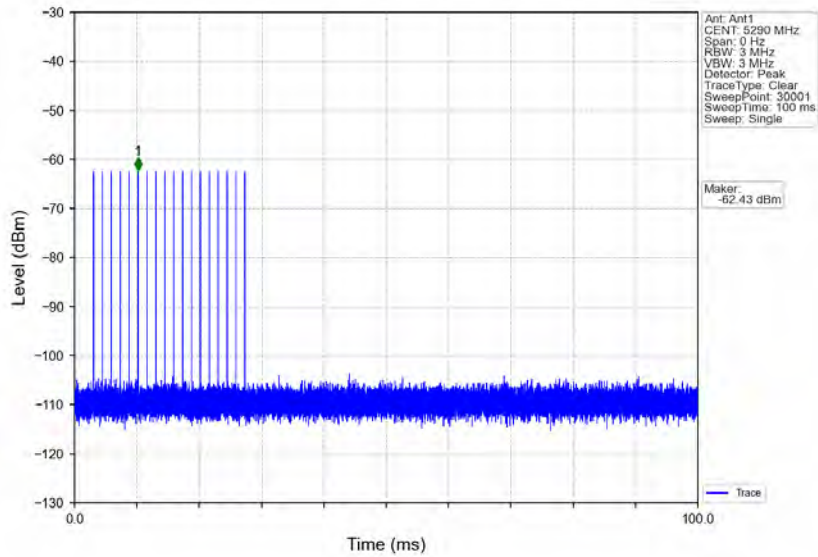
6.1 SC

6.1.1 Test Result

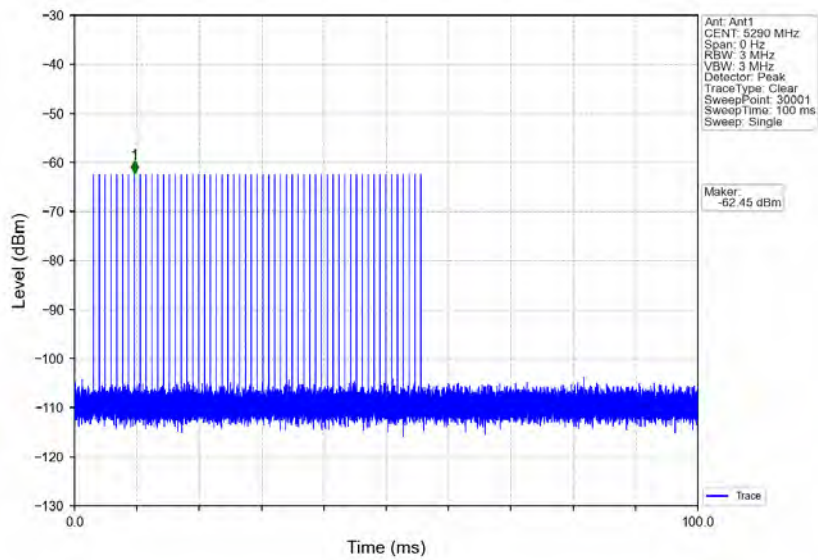
Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ac (VHT80)	80	5290	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test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

6.1.2 Test Graph

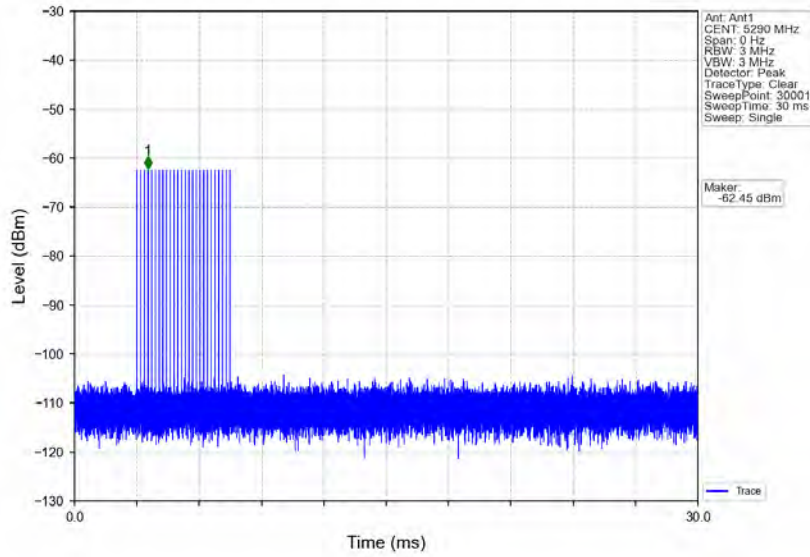
Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType0_Trial0



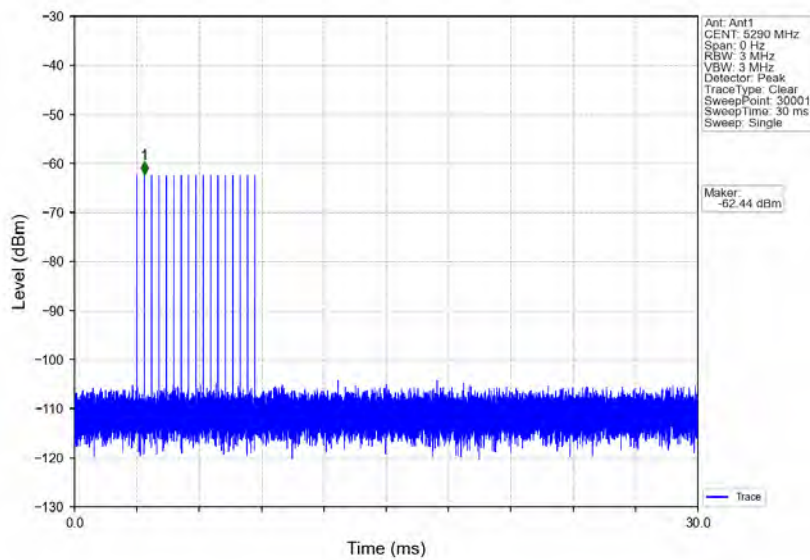
Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType1_Trial0



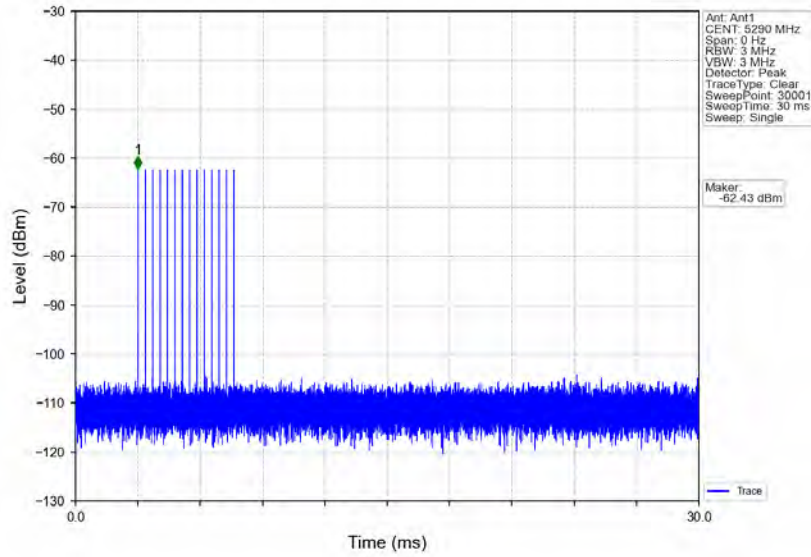
Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType2_Trial0



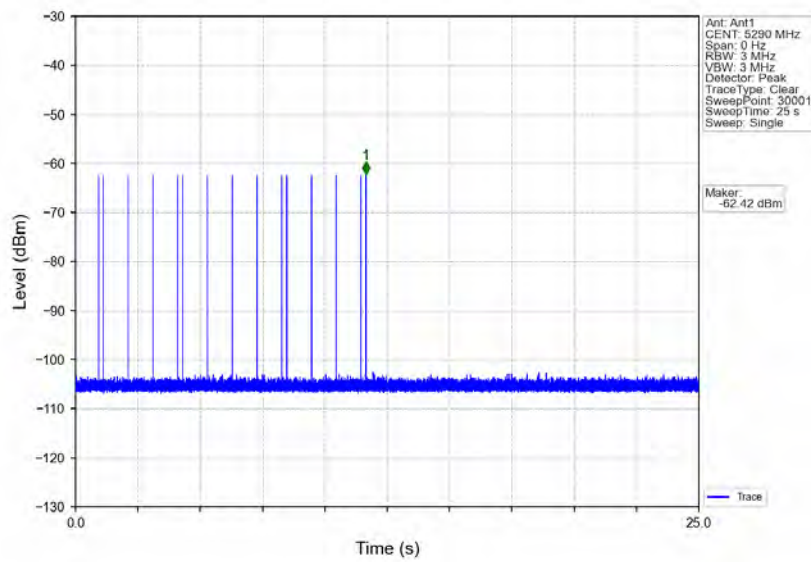
Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType3_Trial0



Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType4_Trial0



Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType5_Trial0





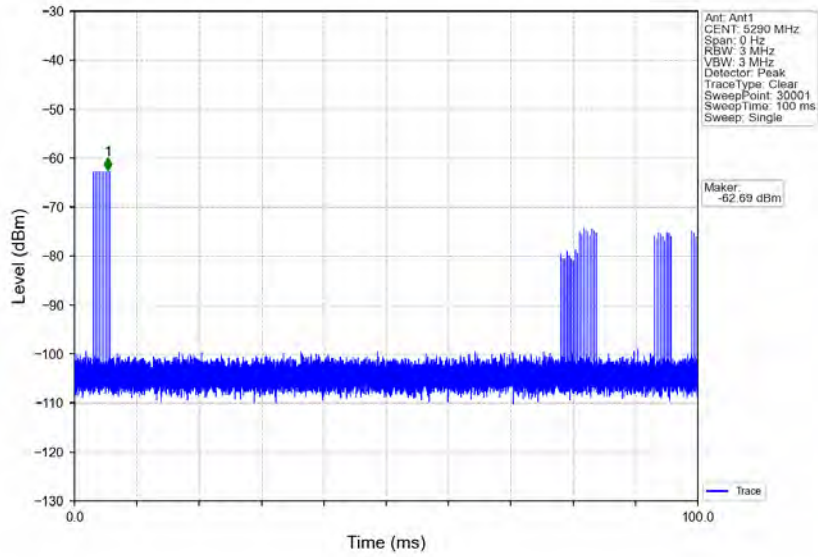
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Signal Calibration_802.11ac(VHT80)_2A_5290MHz_RadarType6_Trial0





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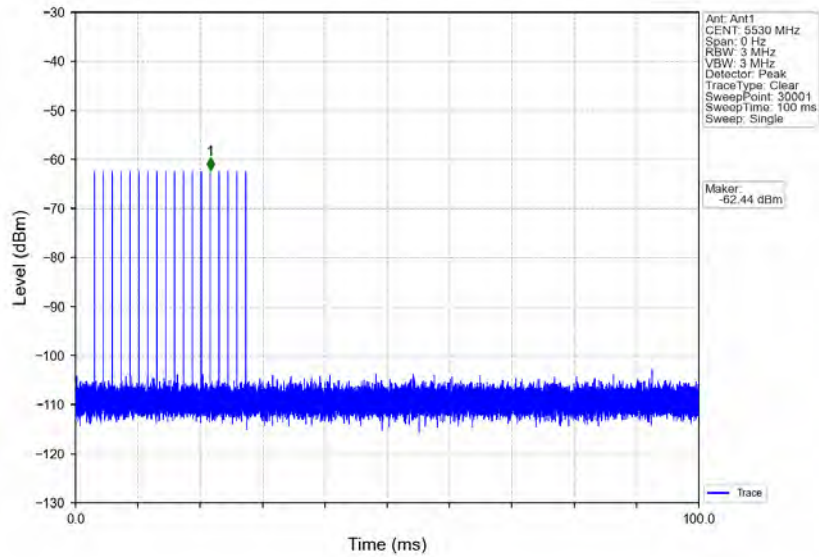
6.2 SC

6.2.1 Test Result

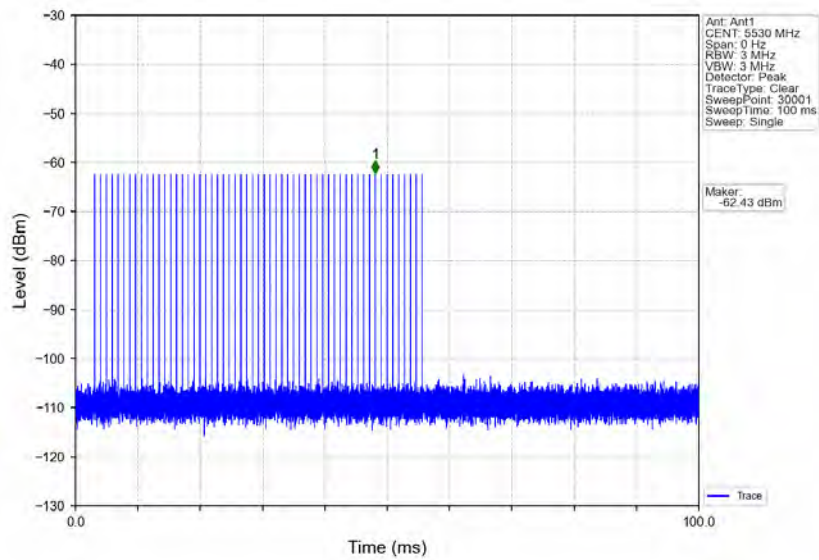
Band: 2C							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ac (VHT80)	80	5530	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test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

6.2.2 Test Graph

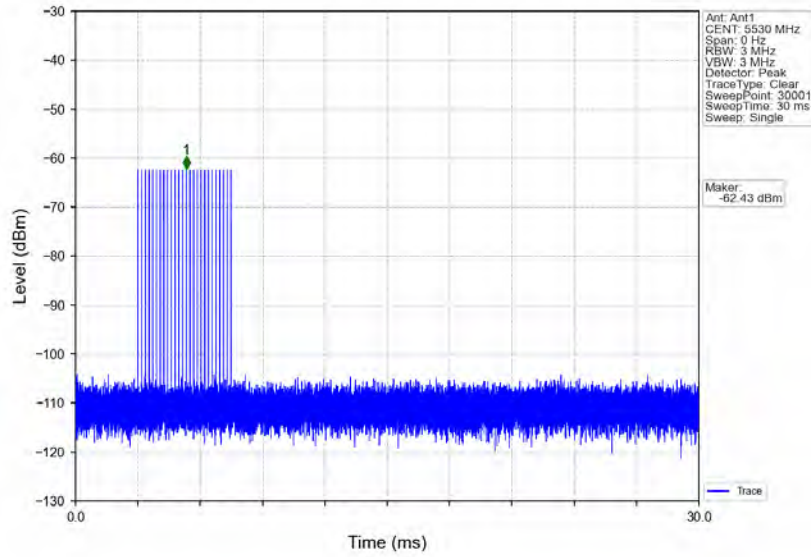
Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType0_Trial0



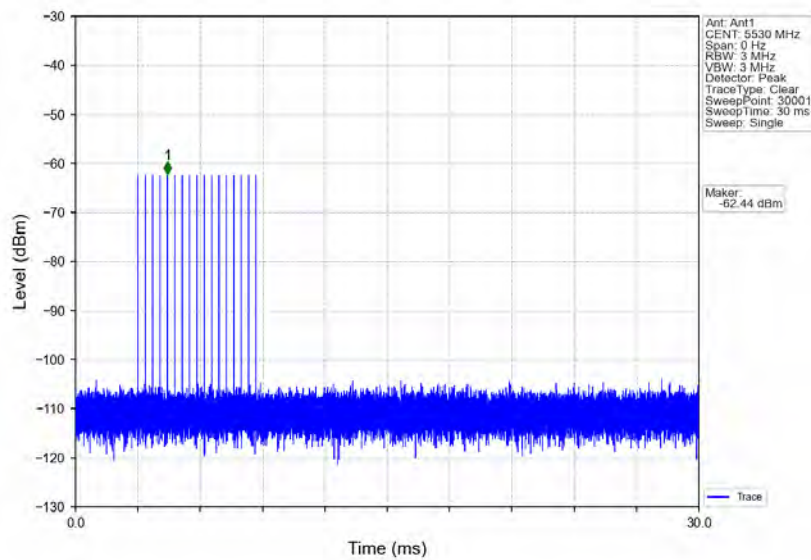
Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType1_Trial0



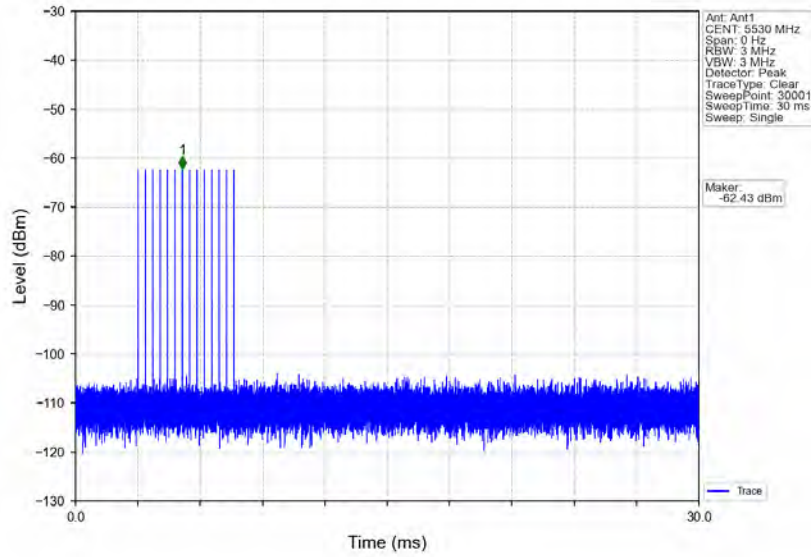
Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType2_Trial0



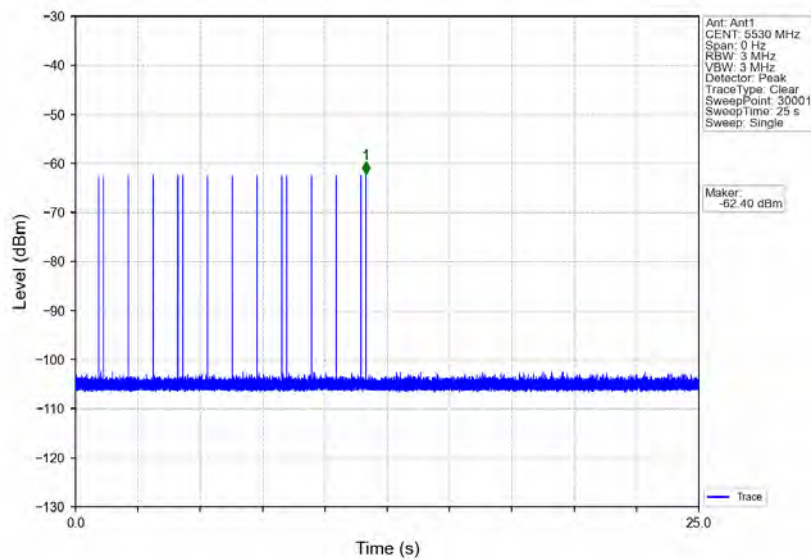
Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType3_Trial0



Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType4_Trial0



Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType5_Trial0





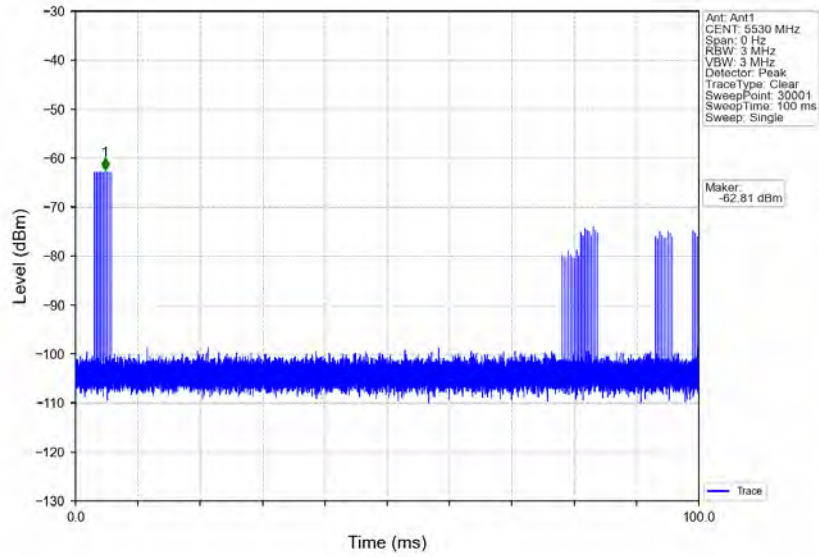
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Signal Calibration_802.11ac(VHT80)_2C_5530MHz_RadarType6_Trial0





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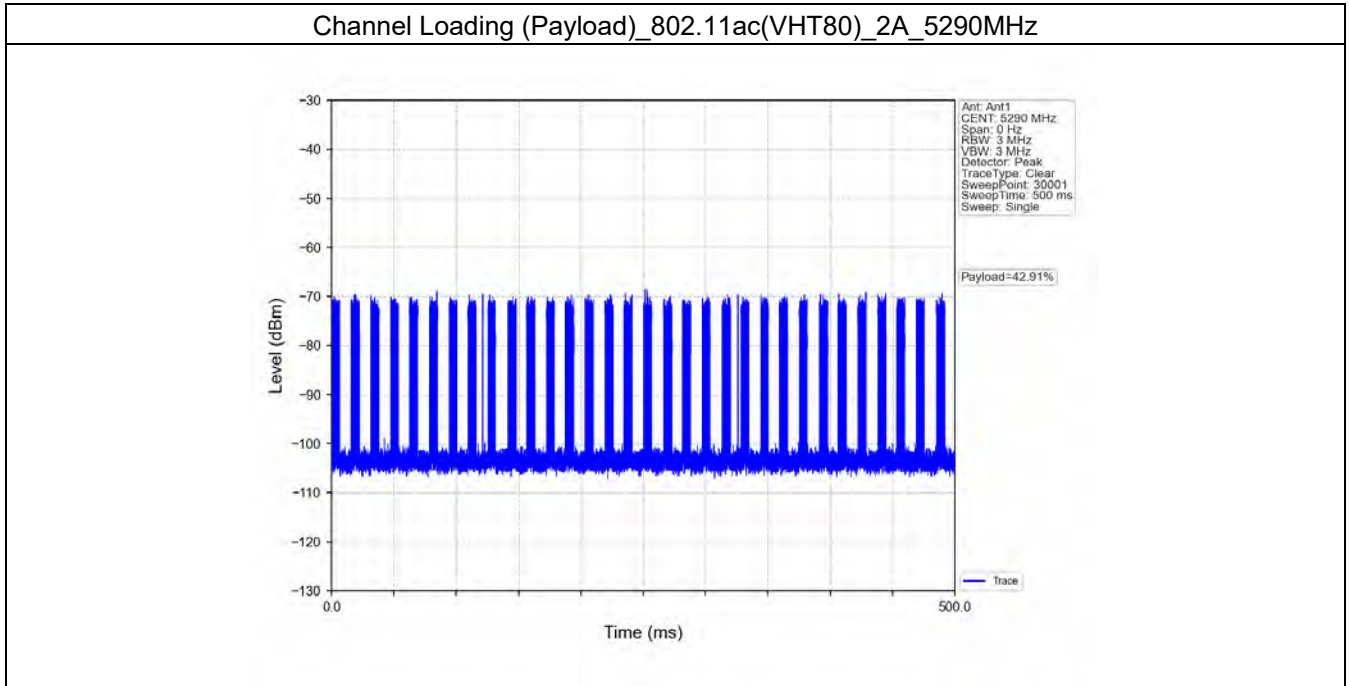
7. Channel Loading (Payload)

7.1 Payload

7.1.1 Test Result

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5290	42.91	≥ 17	Pass

7.1.2 Test Graph





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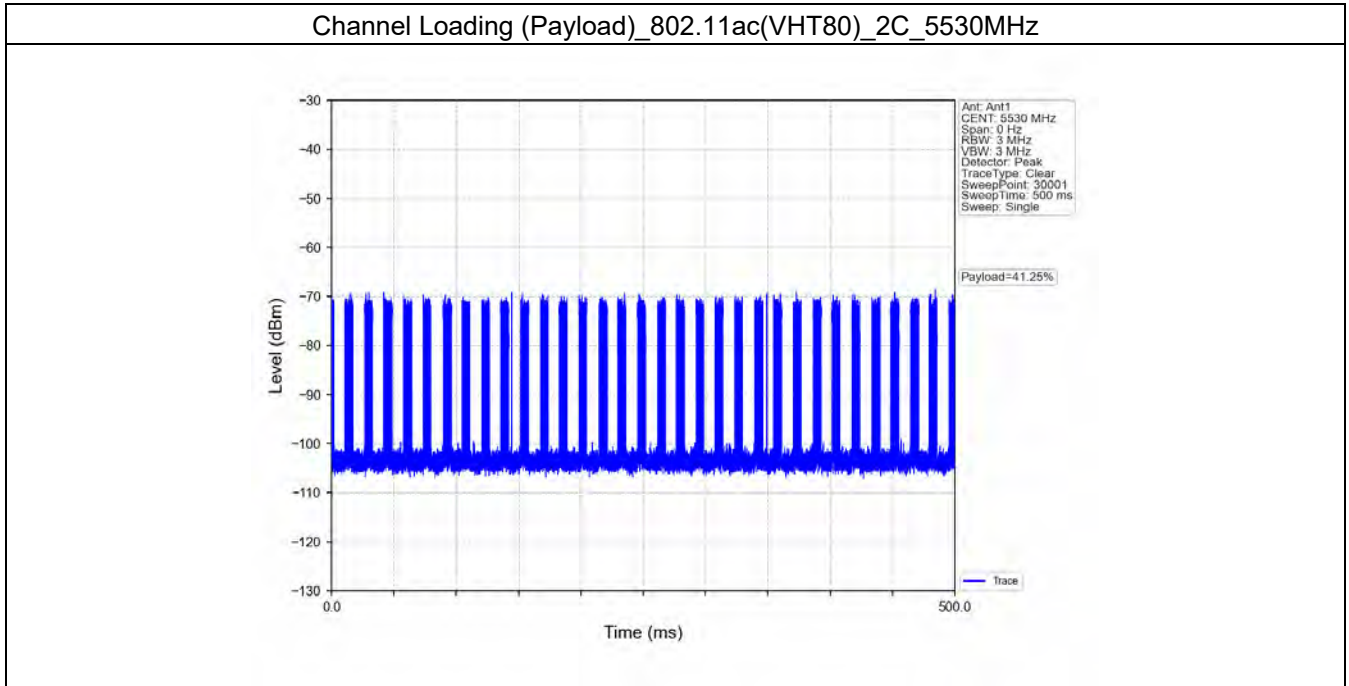
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7.2 Payload

2.2.1 Test Result

Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ac (VHT80)	80	5530	41.25	≥ 17	Pass

7.2.2 Test Graph





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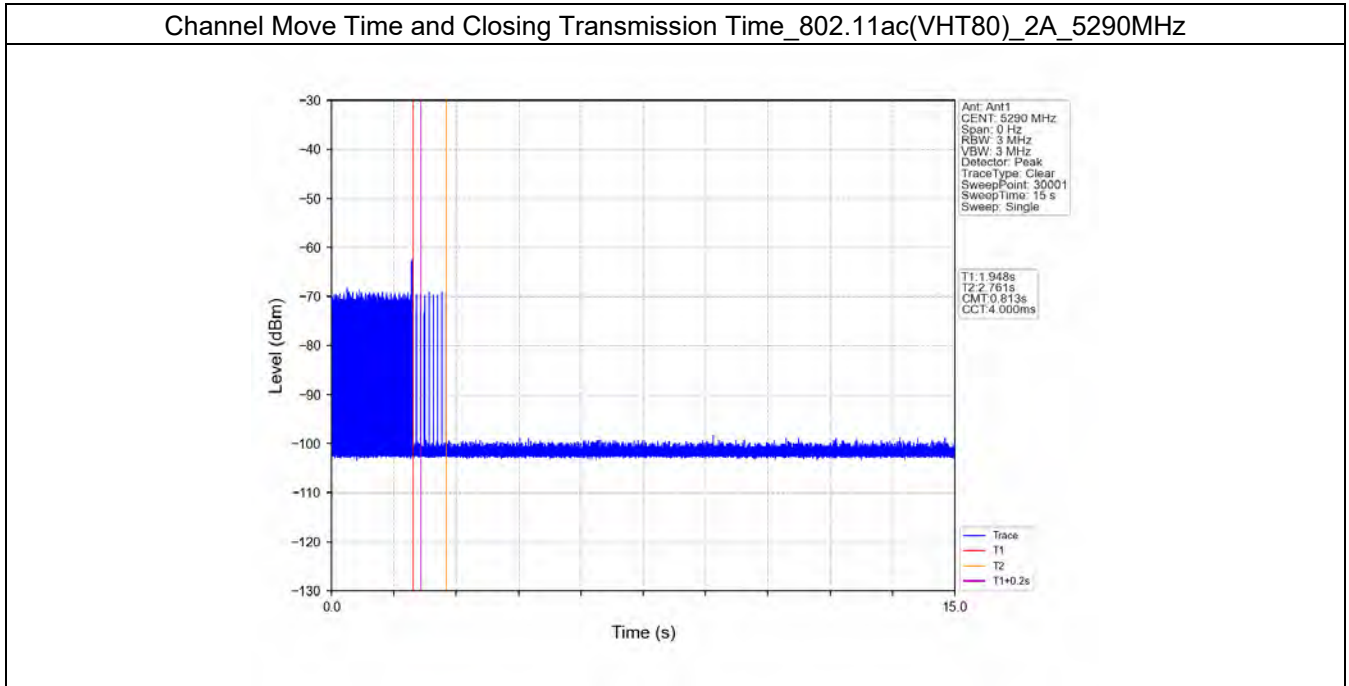
8. Channel Move Time and Closing Transmission Time

8.1 CMT_CTT

8.1.1 Test Result

Band: 2A					
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

8.1.2 Test Graph





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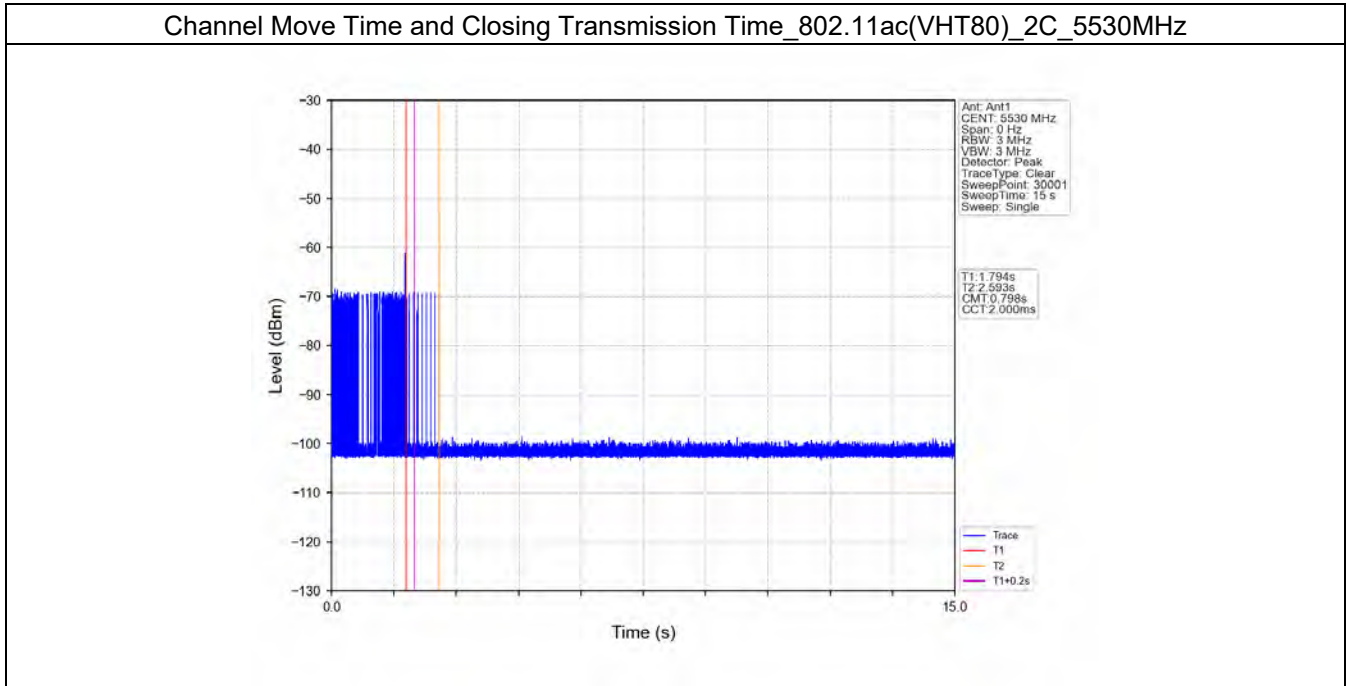
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8.2 CMT_CTT

8.2.1 Test Result

Band: 2C					
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

8.2.2 Test Graph



- End of the Report -