

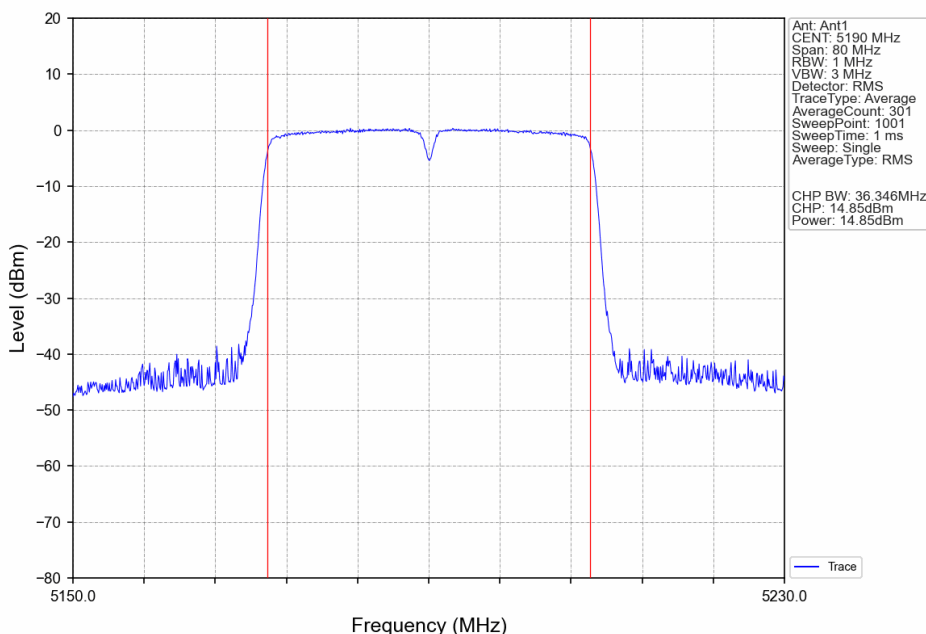
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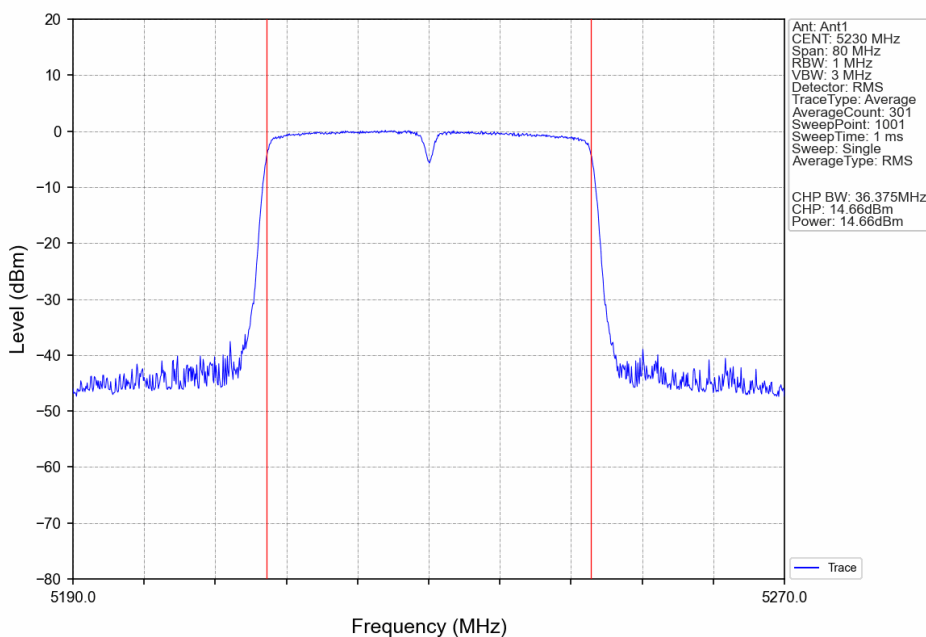
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

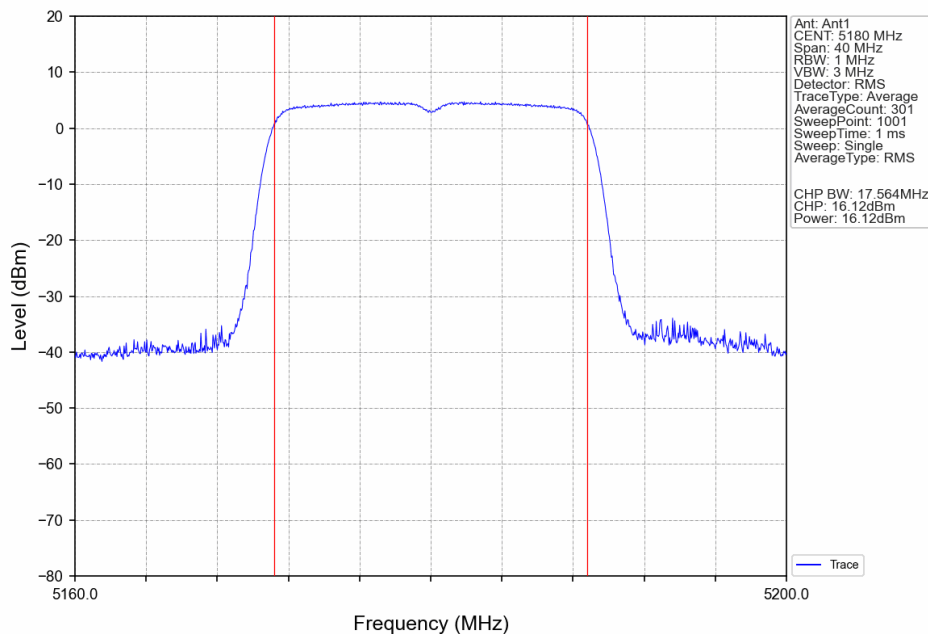


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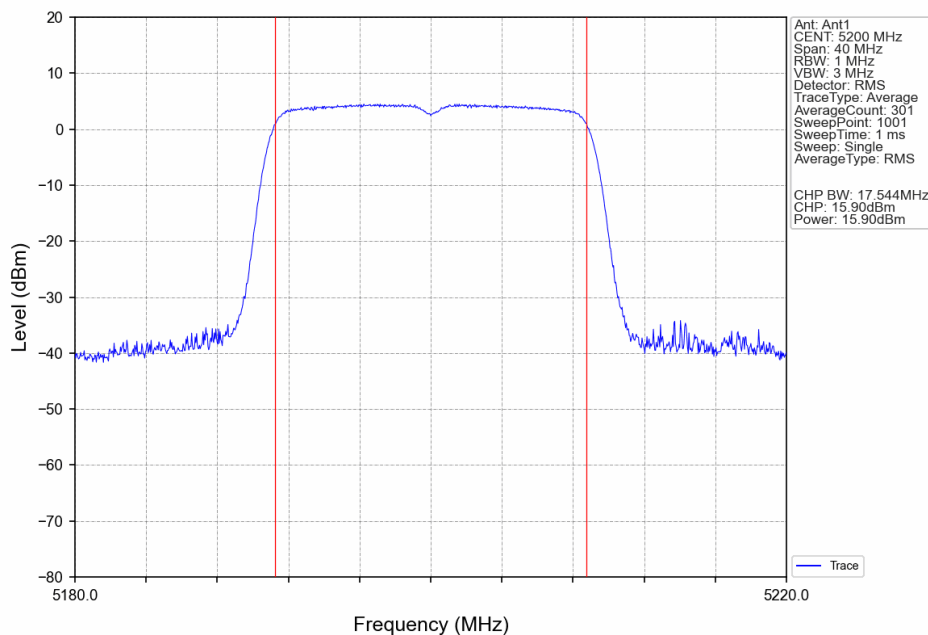
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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



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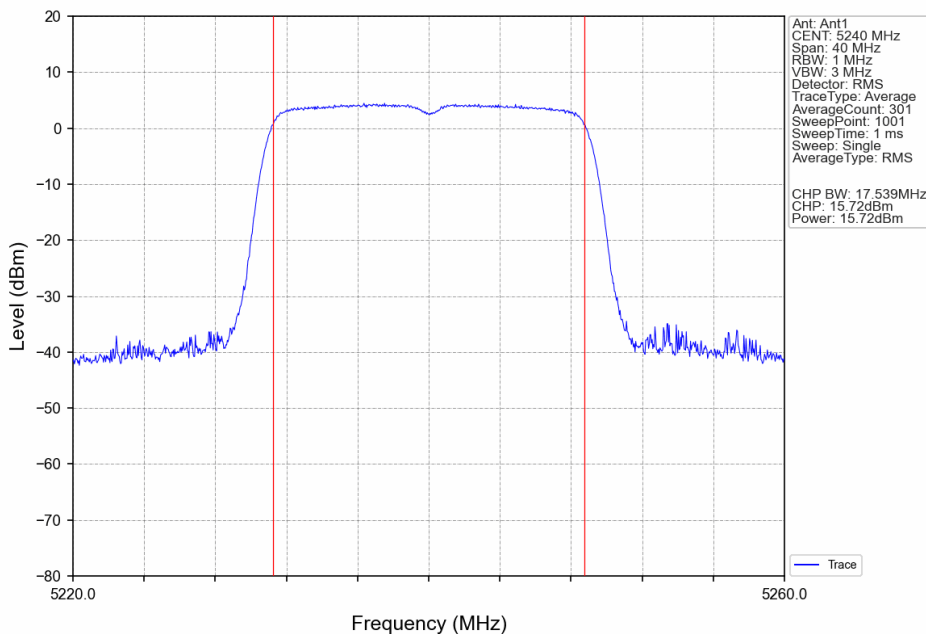
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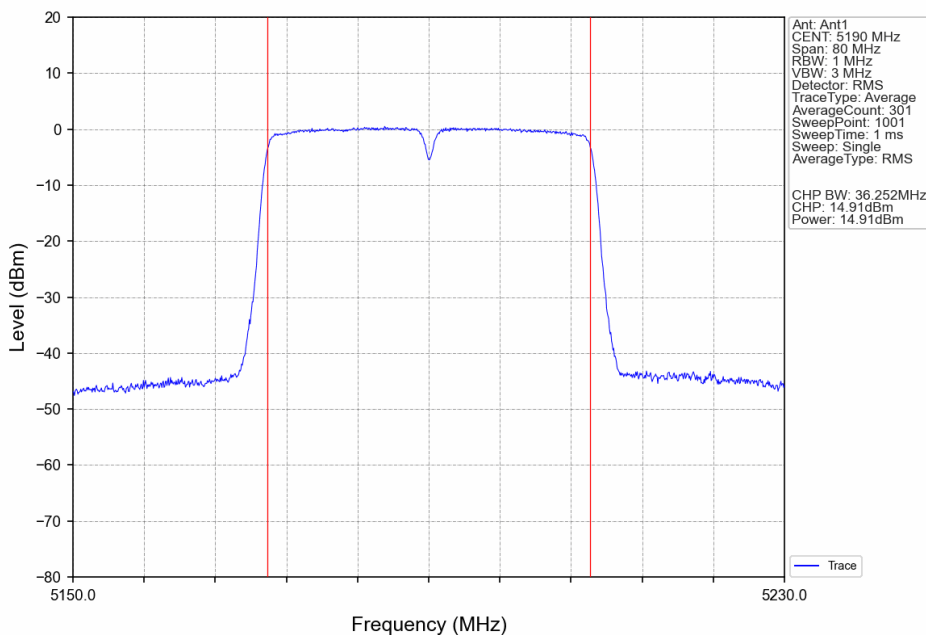
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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



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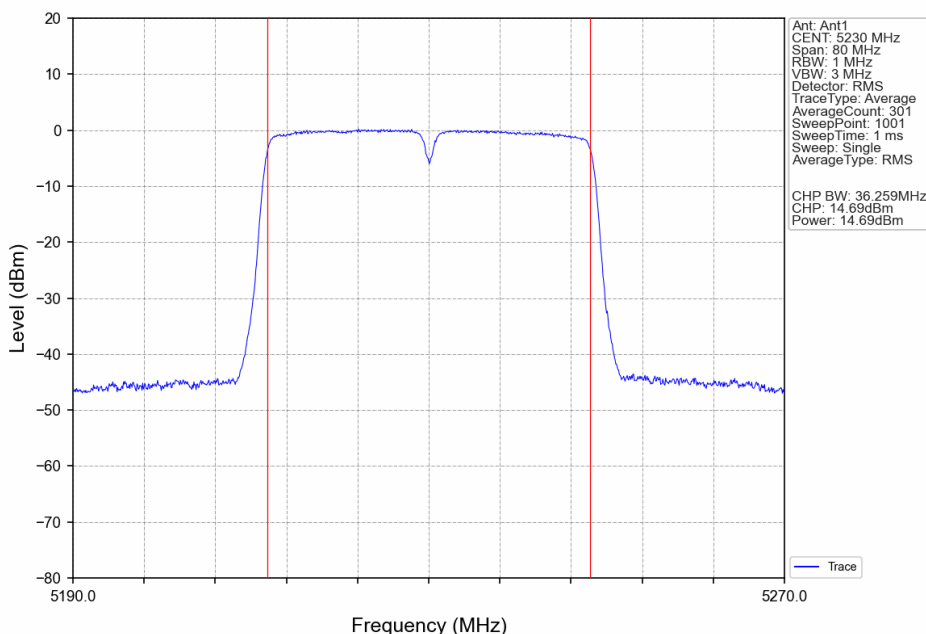
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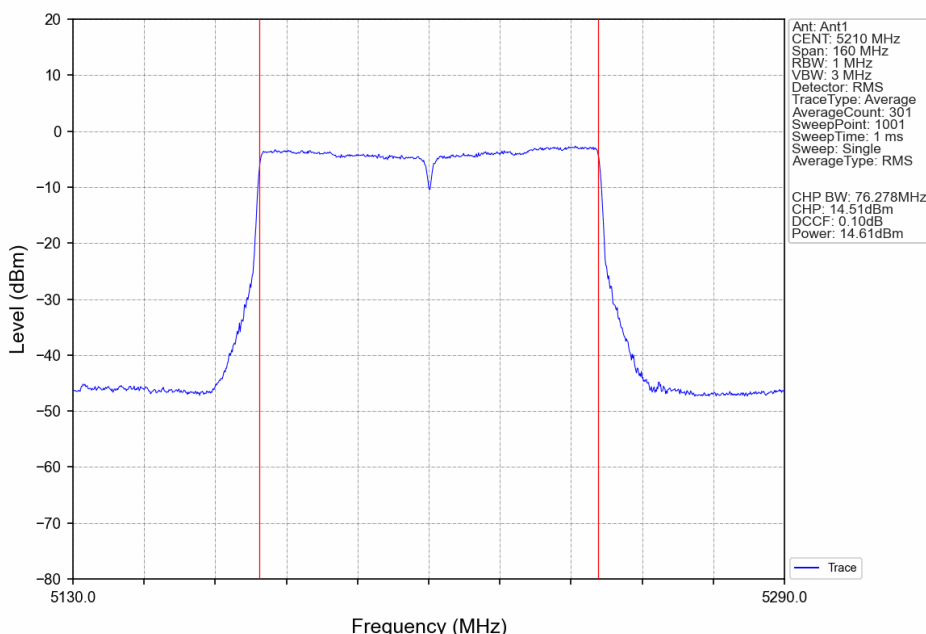
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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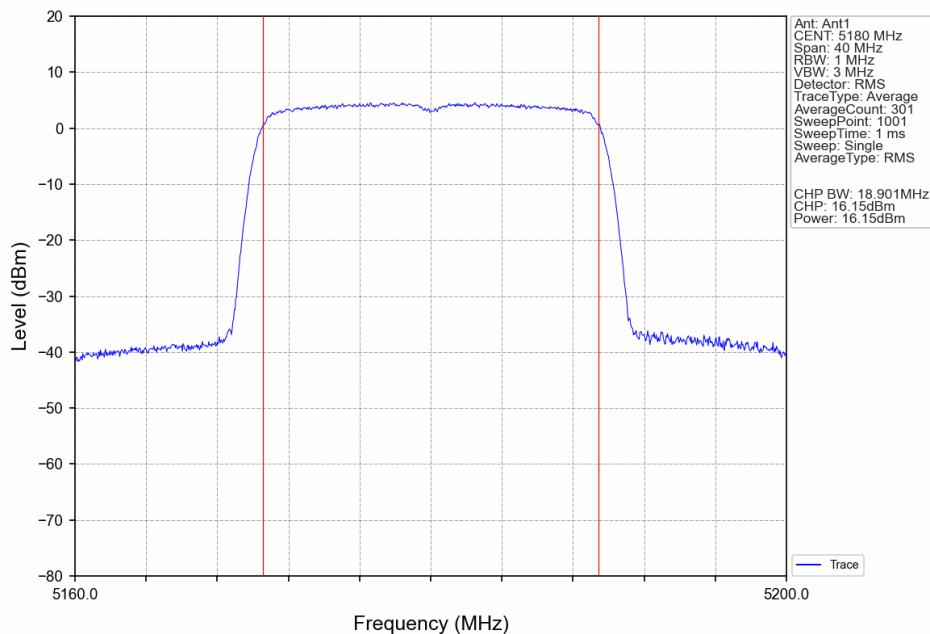
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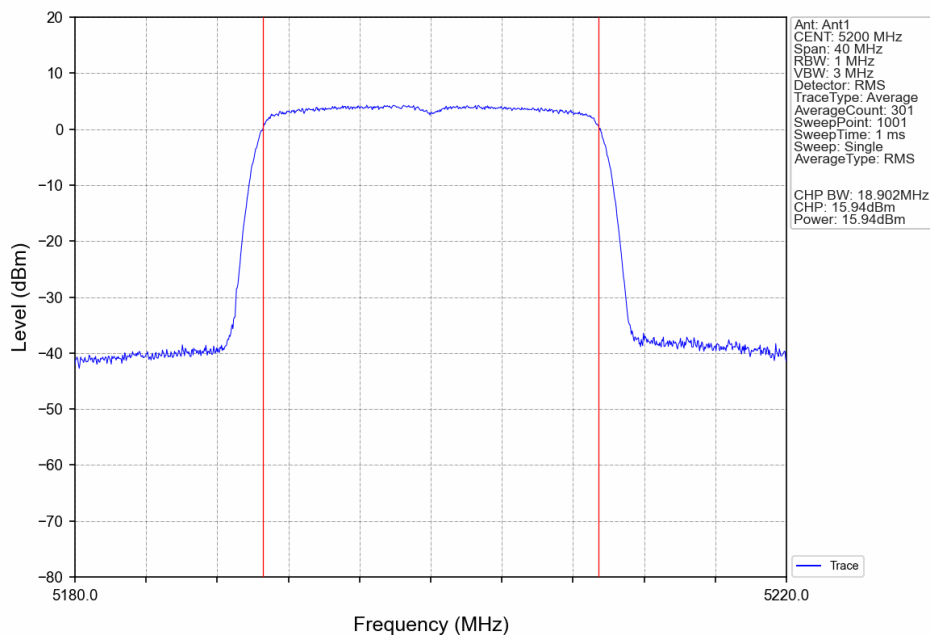
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802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV



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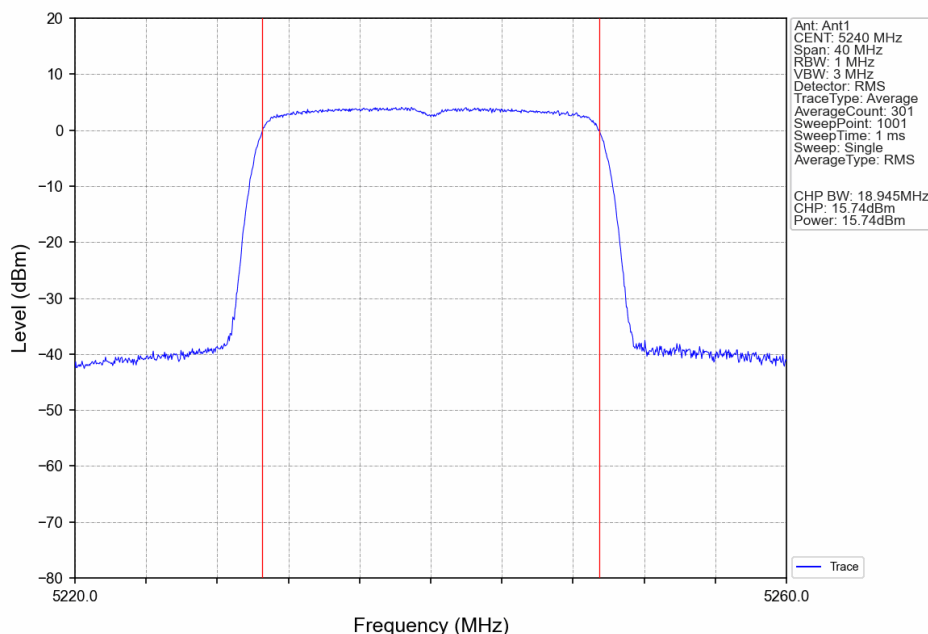
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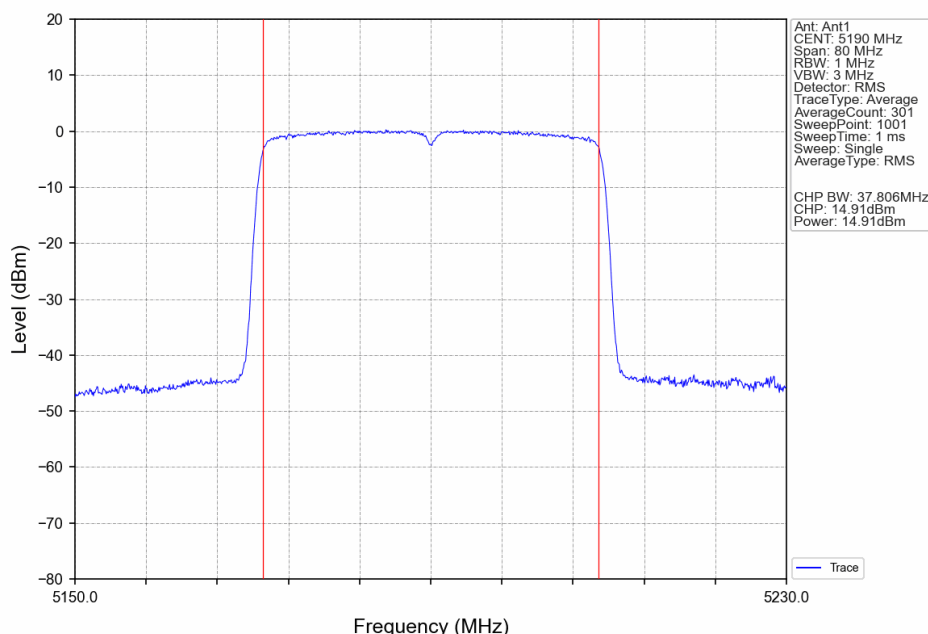
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802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



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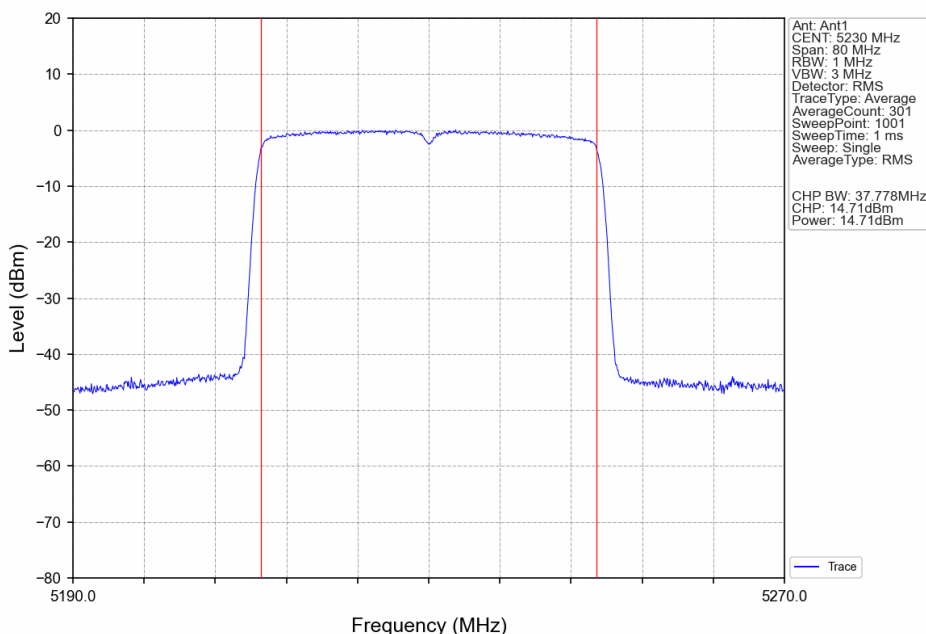
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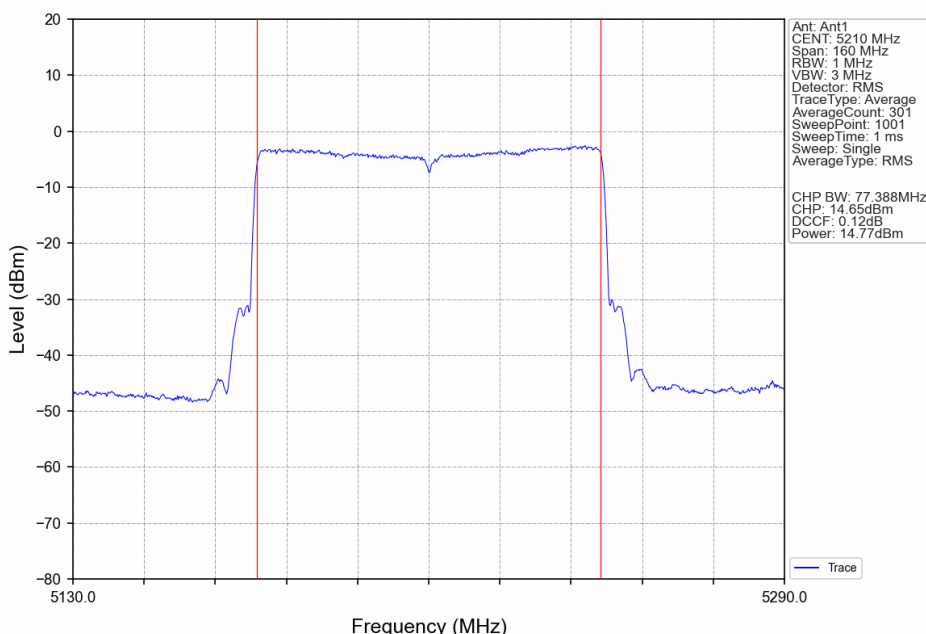
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802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV



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4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	5.69	<=11	Pass
		5200	/	/	6.09	<=11	Pass
		5240	/	/	5.83	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	4.57	<=11	Pass
		5200	/	/	4.43	<=11	Pass
		5240	/	/	4.41	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	0.42	<=11	Pass
		5230	/	/	0.11	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	4.74	<=11	Pass
		5200	/	/	4.50	<=11	Pass
		5240	/	/	4.51	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	0.33	<=11	Pass
		5230	/	/	0.11	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-2.38	<=11	Pass
802.11ax (HEW20)	SISO	5180	SU	/	4.54	<=11	Pass
		5200	SU	/	4.29	<=11	Pass
		5240	SU	/	4.07	<=11	Pass
802.11ax (HEW40)	SISO	5190	SU	/	0.26	<=11	Pass
		5230	SU	/	0.15	<=11	Pass
802.11ax (HEW80)	SISO	5210	SU	/	-2.36	<=11	Pass

Note1: Antenna Gain: Ant1: 5.00dBi;



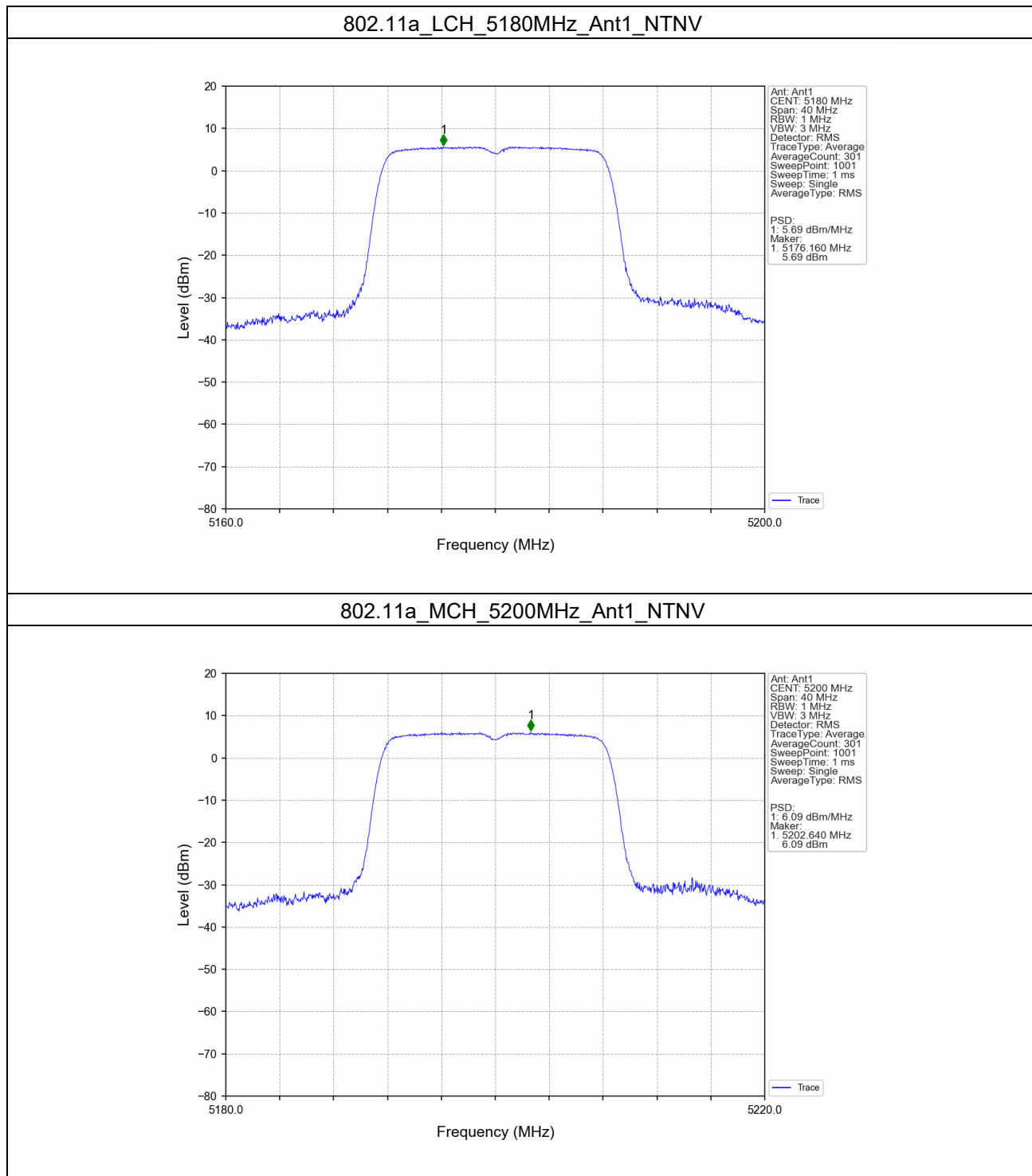
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4.2 Test Graph

4.2.1 PSD



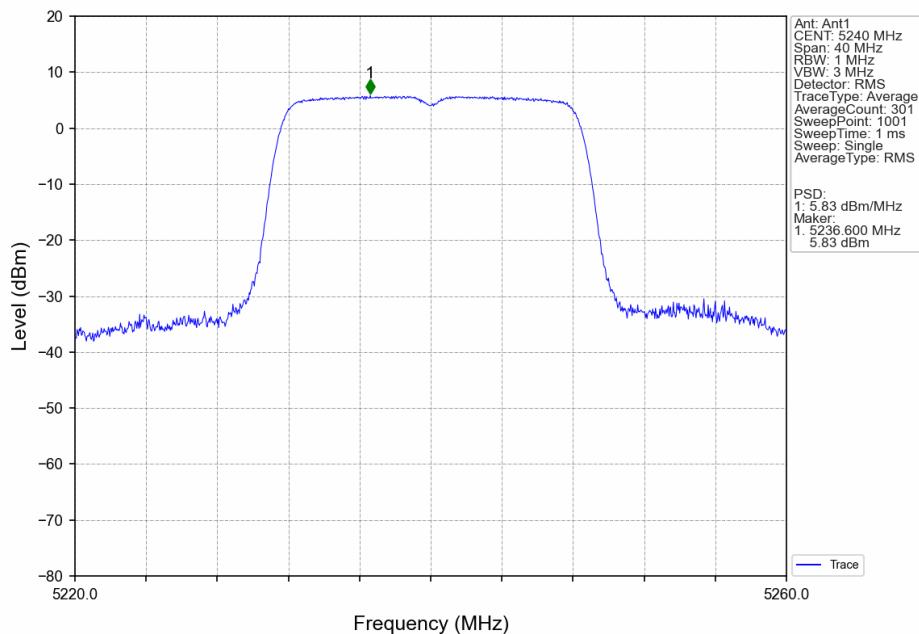
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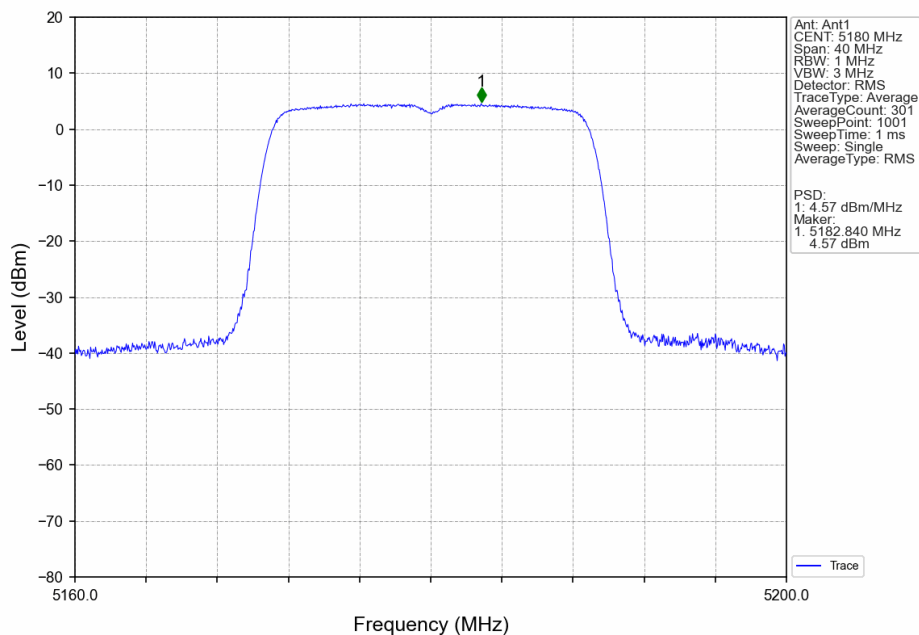
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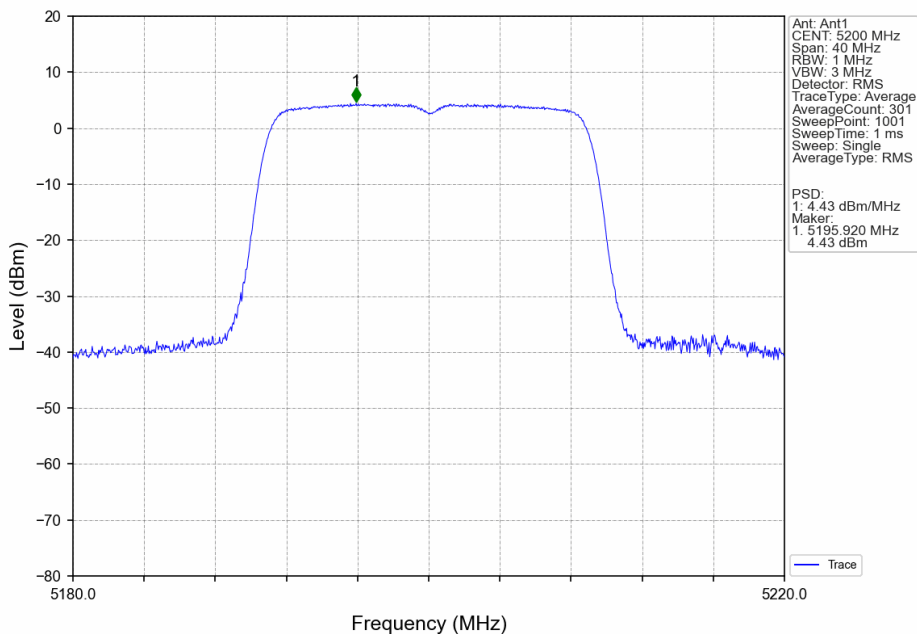
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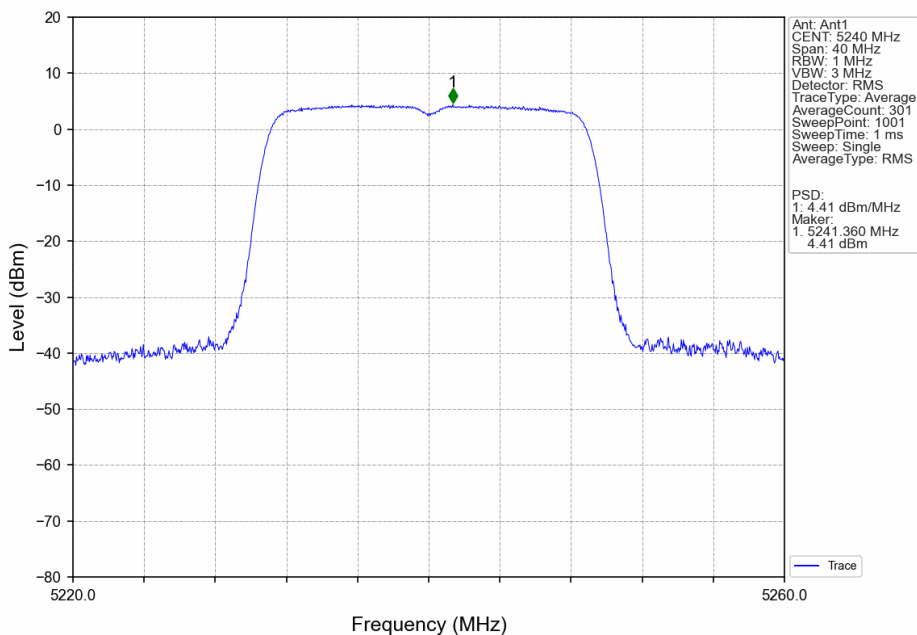
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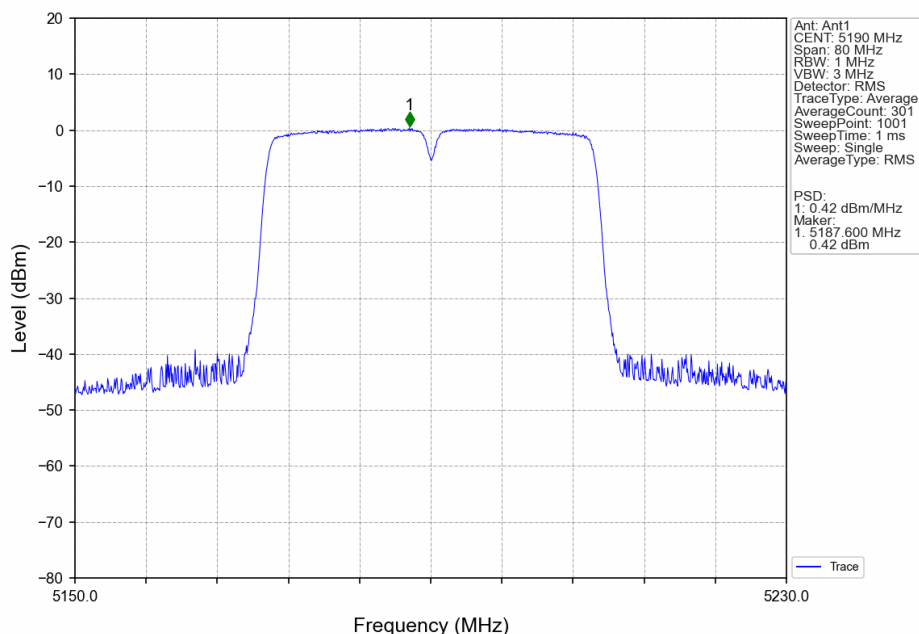
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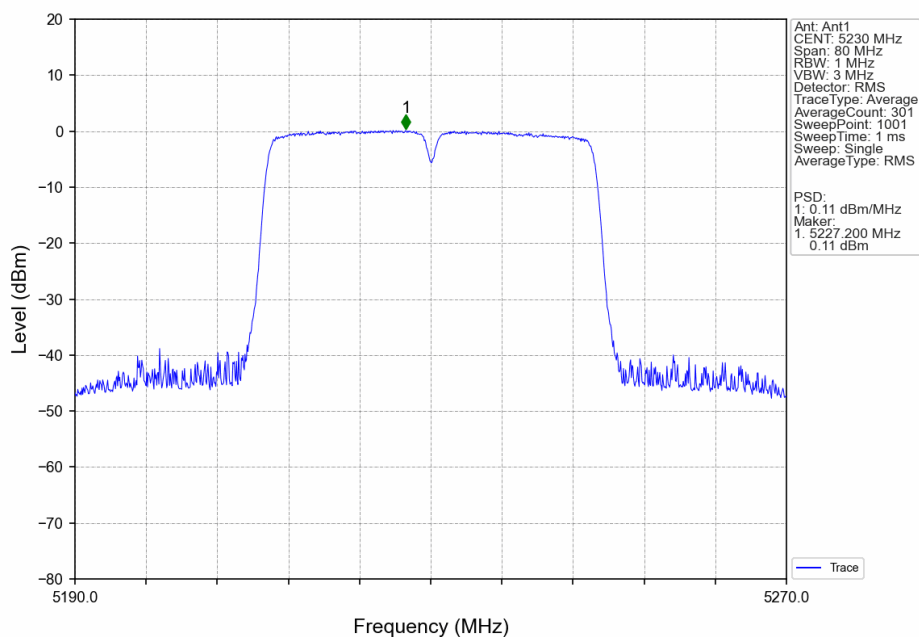
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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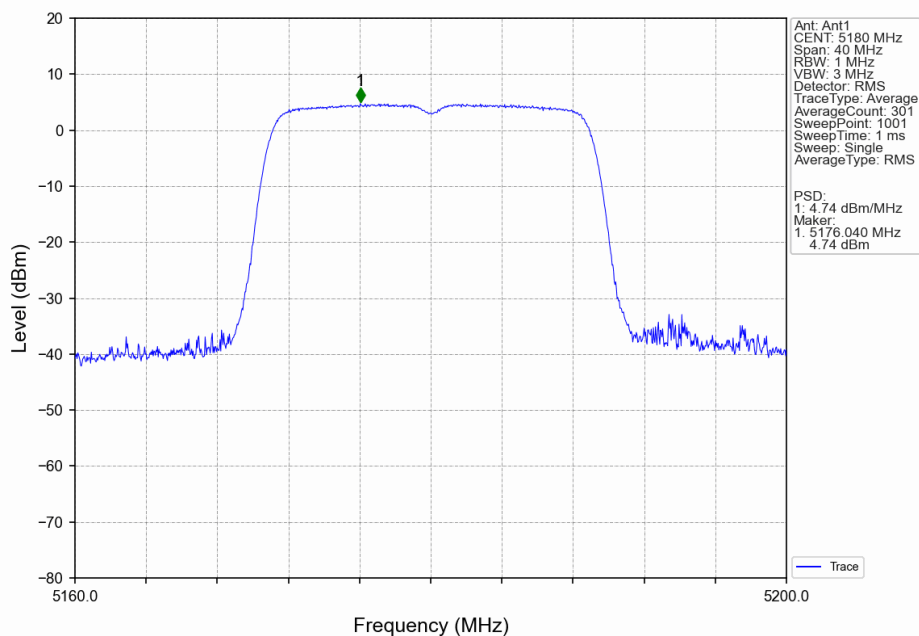
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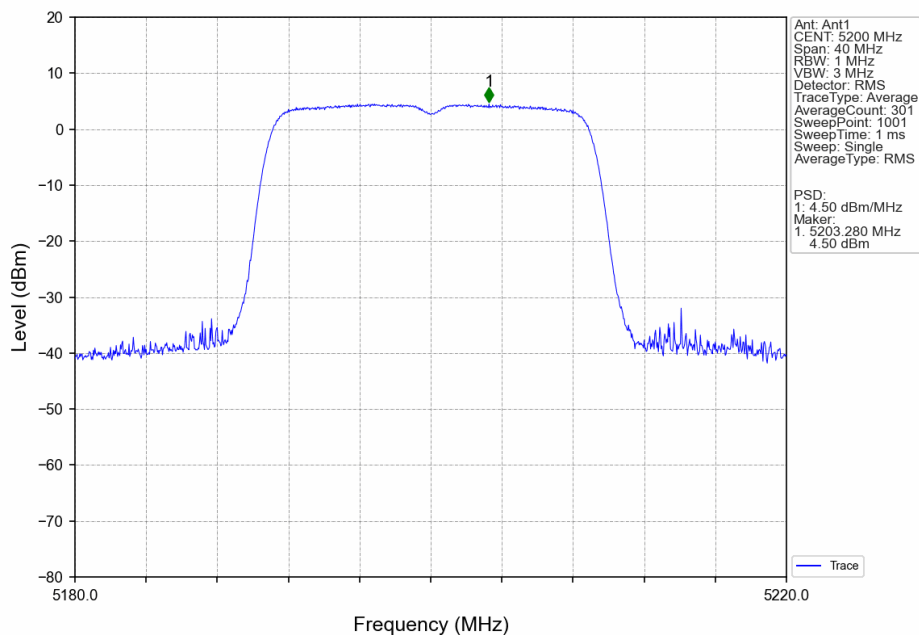
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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



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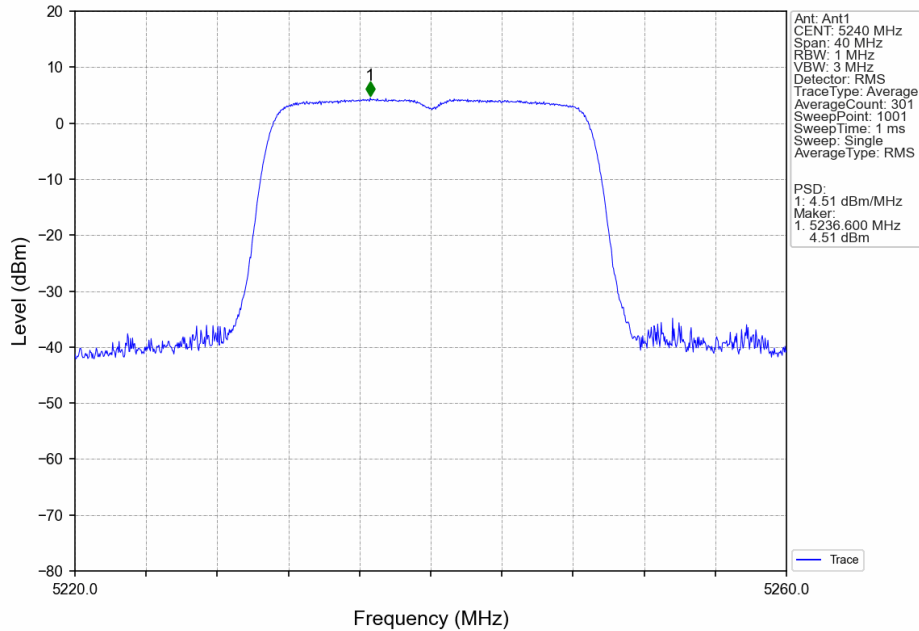
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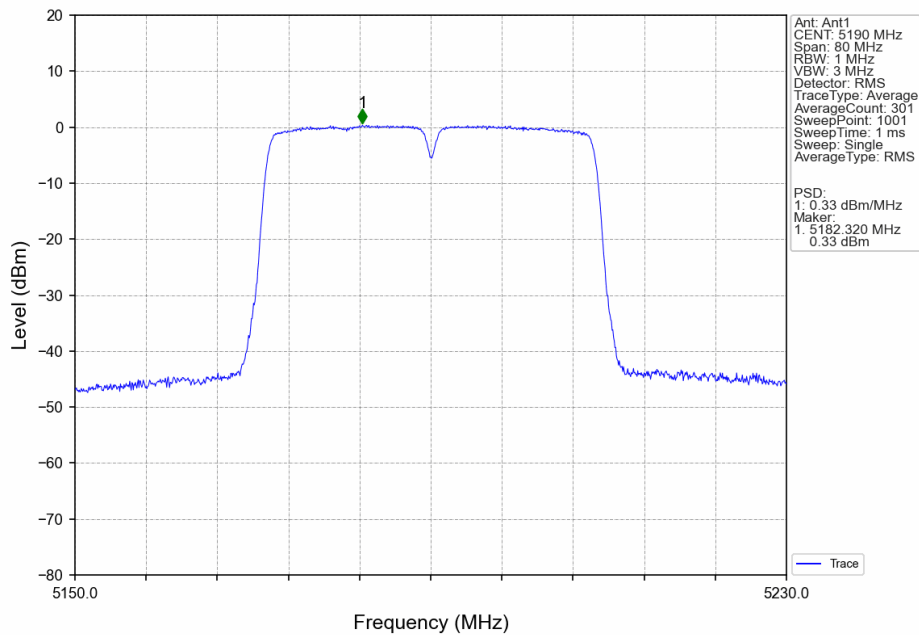
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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



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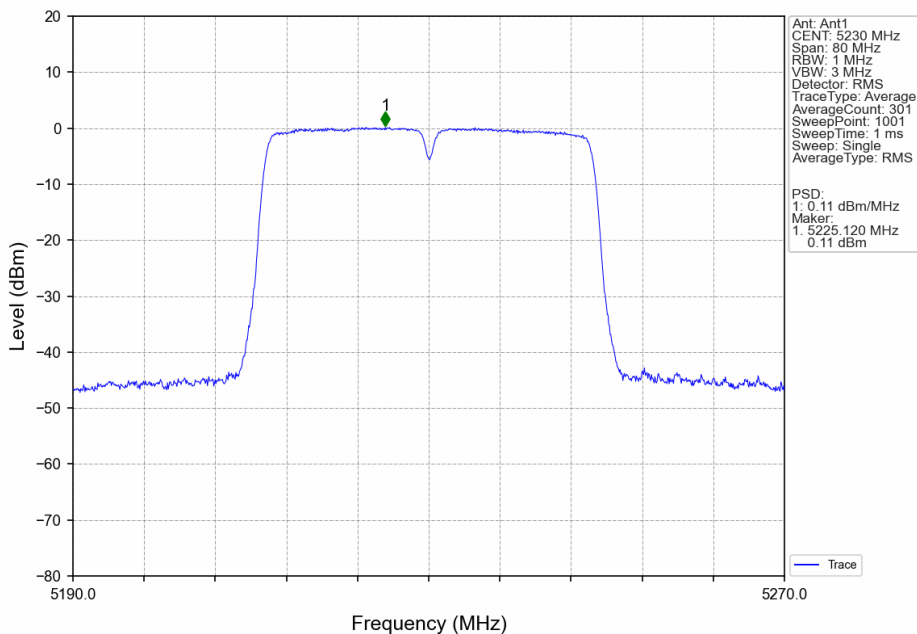
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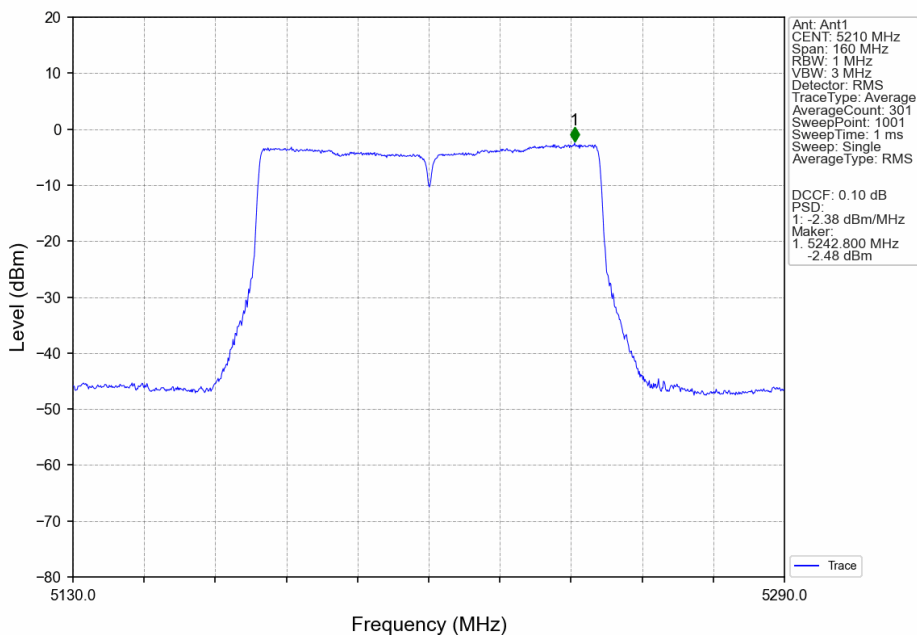
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



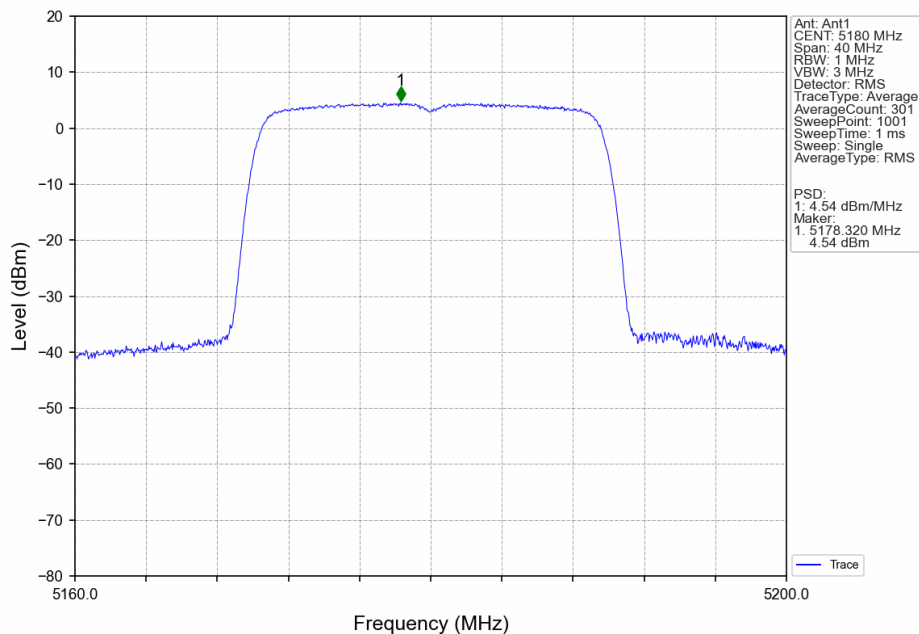
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



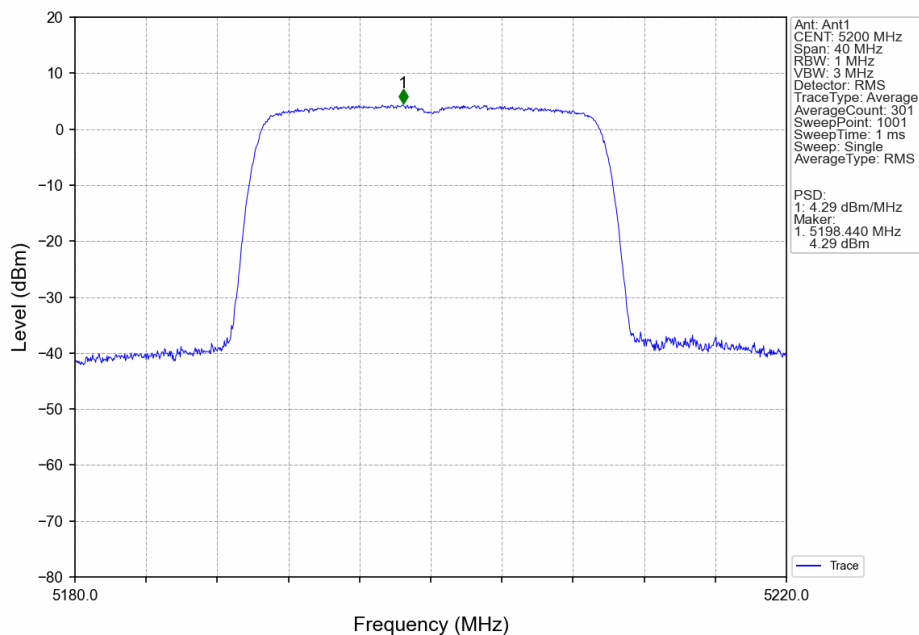
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802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV



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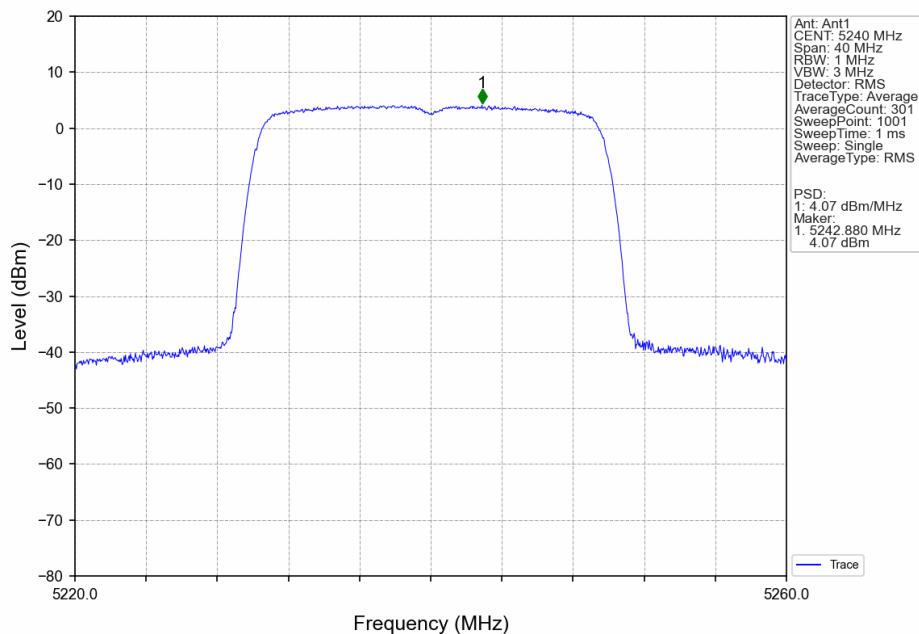
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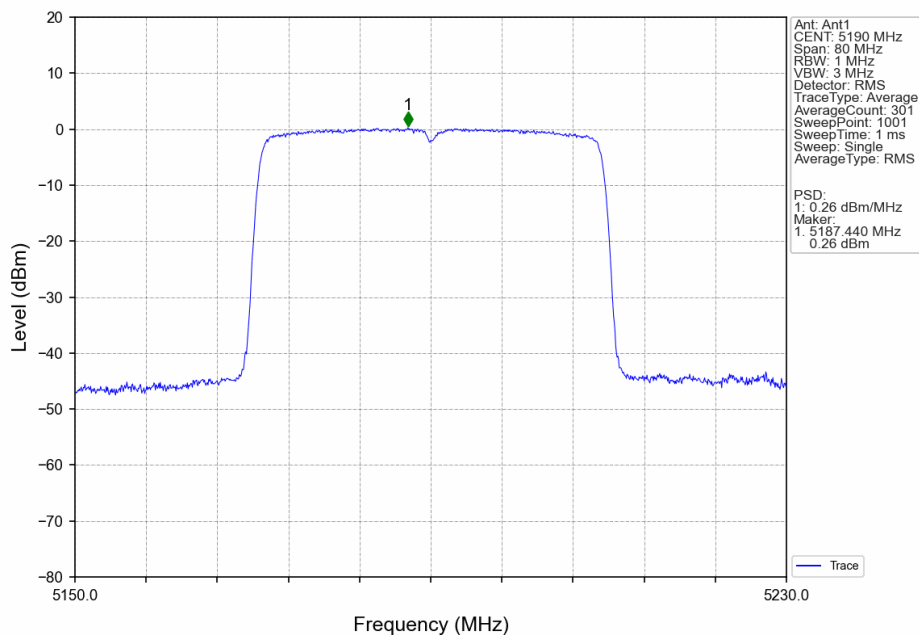
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802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



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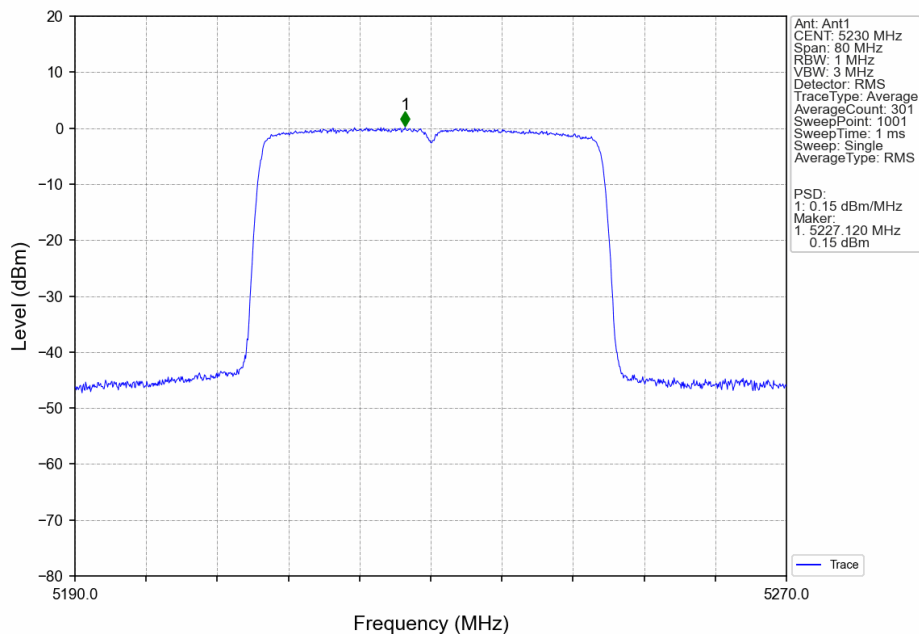
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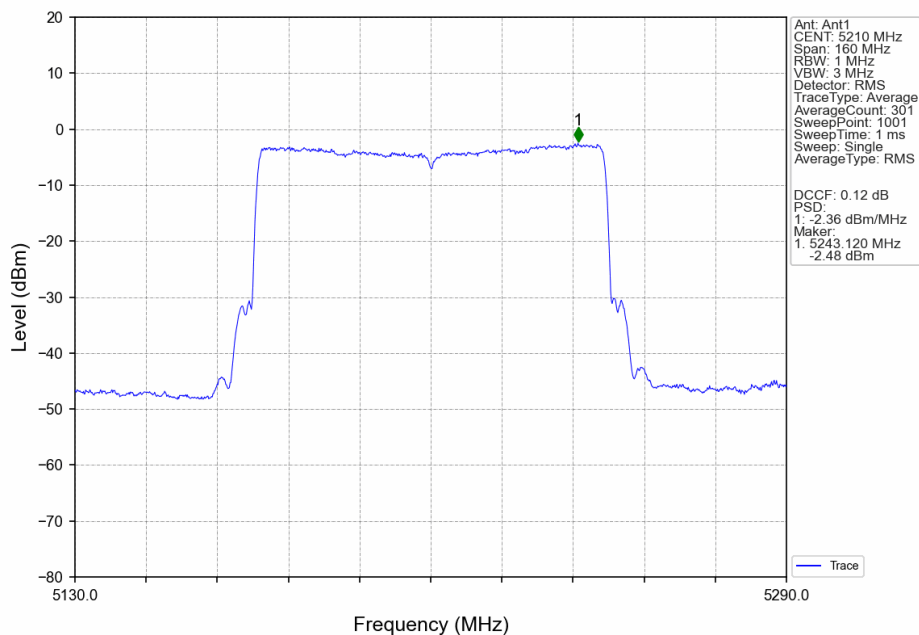
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802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV



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5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	Temperature (°C)	Voltage	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	/	/	20	LV	5180.060	5150 to 5250	Pass
						NV	5180.020	5150 to 5250	Pass
						HV	5180.080	5150 to 5250	Pass
					-30	NV	5180.040	5150 to 5250	Pass
					-20	NV	5180.040	5150 to 5250	Pass
					-10	NV	5180.020	5150 to 5250	Pass
					0	NV	5180.060	5150 to 5250	Pass
					10	NV	5180.020	5150 to 5250	Pass
					30	NV	5180.020	5150 to 5250	Pass
					40	NV	5180.020	5150 to 5250	Pass
					50	NV	5180.060	5150 to 5250	Pass
		5200	/	/	20	LV	5200.040	5150 to 5250	Pass
						NV	5200.060	5150 to 5250	Pass
						HV	5200.040	5150 to 5250	Pass
					-30	NV	5199.980	5150 to 5250	Pass
					-20	NV	5200.080	5150 to 5250	Pass
					-10	NV	5200.020	5150 to 5250	Pass
					0	NV	5200.020	5150 to 5250	Pass
					10	NV	5200.060	5150 to 5250	Pass
					30	NV	5200.100	5150 to 5250	Pass
					40	NV	5200.020	5150 to 5250	Pass
					50	NV	5200.000	5150 to 5250	Pass
		5240	/	/	20	LV	5240.000	5150 to 5250	Pass
						NV	5240.040	5150 to 5250	Pass
						HV	5240.020	5150 to 5250	Pass
					-30	NV	5240.000	5150 to 5250	Pass
					-20	NV	5240.040	5150 to 5250	Pass
					-10	NV	5239.960	5150 to 5250	Pass
					0	NV	5240.040	5150 to 5250	Pass
					10	NV	5240.060	5150 to 5250	Pass
					30	NV	5239.960	5150 to 5250	Pass
					40	NV	5239.980	5150 to 5250	Pass



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					50	NV	5239.980	5150 to 5250	Pass
802.11n (HT20)	SISO	5180	/	/	20	LV	5179.980	5150 to 5250	Pass
						NV	5180.020	5150 to 5250	Pass
						HV	5180.040	5150 to 5250	Pass
					-30	NV	5180.000	5150 to 5250	Pass
					-20	NV	5180.000	5150 to 5250	Pass
					-10	NV	5179.960	5150 to 5250	Pass
					0	NV	5180.000	5150 to 5250	Pass
					10	NV	5180.040	5150 to 5250	Pass
					30	NV	5179.960	5150 to 5250	Pass
					40	NV	5180.060	5150 to 5250	Pass
					50	NV	5179.980	5150 to 5250	Pass
		5200	/	/	20	LV	5200.000	5150 to 5250	Pass
						NV	5200.000	5150 to 5250	Pass
						HV	5200.000	5150 to 5250	Pass
					-30	NV	5200.040	5150 to 5250	Pass
					-20	NV	5200.040	5150 to 5250	Pass
					-10	NV	5200.040	5150 to 5250	Pass
					0	NV	5200.020	5150 to 5250	Pass
					10	NV	5200.020	5150 to 5250	Pass
					30	NV	5200.020	5150 to 5250	Pass
					40	NV	5200.040	5150 to 5250	Pass
					50	NV	5200.040	5150 to 5250	Pass
		5240	/	/	20	LV	5240.020	5150 to 5250	Pass
						NV	5240.020	5150 to 5250	Pass
						HV	5239.980	5150 to 5250	Pass
					-30	NV	5240.020	5150 to 5250	Pass
					-20	NV	5240.000	5150 to 5250	Pass
					-10	NV	5239.980	5150 to 5250	Pass
					0	NV	5239.980	5150 to 5250	Pass
					10	NV	5239.980	5150 to 5250	Pass
					30	NV	5240.020	5150 to 5250	Pass
					40	NV	5240.000	5150 to 5250	Pass
					50	NV	5240.020	5150 to 5250	Pass
802.11n (HT40)	SISO	5190	/	/	20	LV	5190.080	5150 to 5250	Pass
						NV	5190.160	5150 to 5250	Pass
						HV	5190.080	5150 to 5250	Pass
					-30	NV	5190.120	5150 to 5250	Pass
					-20	NV	5190.080	5150 to 5250	Pass
					-10	NV	5190.080	5150 to 5250	Pass



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802.11ac (VHT20)	SISO	5230	/	/	0	NV	5190.080	5150 to 5250	Pass
					10	NV	5190.120	5150 to 5250	Pass
					30	NV	5190.040	5150 to 5250	Pass
					40	NV	5190.080	5150 to 5250	Pass
					50	NV	5190.040	5150 to 5250	Pass
					20	LV	5230.120	5150 to 5250	Pass
						NV	5230.040	5150 to 5250	Pass
						HV	5230.080	5150 to 5250	Pass
					-30	NV	5230.080	5150 to 5250	Pass
					-20	NV	5230.080	5150 to 5250	Pass
					-10	NV	5230.080	5150 to 5250	Pass
					0	NV	5230.040	5150 to 5250	Pass
					10	NV	5230.040	5150 to 5250	Pass
					30	NV	5230.040	5150 to 5250	Pass
					40	NV	5230.040	5150 to 5250	Pass
					50	NV	5230.040	5150 to 5250	Pass
		5180	/	/	20	LV	5180.020	5150 to 5250	Pass
						NV	5180.040	5150 to 5250	Pass
						HV	5180.000	5150 to 5250	Pass
					-30	NV	5180.040	5150 to 5250	Pass
					-20	NV	5180.040	5150 to 5250	Pass
					-10	NV	5180.040	5150 to 5250	Pass
					0	NV	5180.020	5150 to 5250	Pass
					10	NV	5180.020	5150 to 5250	Pass
					30	NV	5179.980	5150 to 5250	Pass
					40	NV	5180.040	5150 to 5250	Pass
					50	NV	5180.040	5150 to 5250	Pass
		5200	/	/	20	LV	5200.040	5150 to 5250	Pass
						NV	5200.040	5150 to 5250	Pass
						HV	5200.020	5150 to 5250	Pass
					-30	NV	5200.060	5150 to 5250	Pass
					-20	NV	5200.040	5150 to 5250	Pass
					-10	NV	5200.020	5150 to 5250	Pass
					0	NV	5200.020	5150 to 5250	Pass
					10	NV	5200.040	5150 to 5250	Pass
					30	NV	5200.000	5150 to 5250	Pass
					40	NV	5200.040	5150 to 5250	Pass
					50	NV	5200.020	5150 to 5250	Pass
		5240	/	/	20	LV	5239.960	5150 to 5250	Pass
						NV	5240.000	5150 to 5250	Pass



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Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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						HV	5240.040	5150 to 5250	Pass
					-30	NV	5239.960	5150 to 5250	Pass
					-20	NV	5240.000	5150 to 5250	Pass
					-10	NV	5240.000	5150 to 5250	Pass
					0	NV	5240.000	5150 to 5250	Pass
					10	NV	5240.000	5150 to 5250	Pass
					30	NV	5240.000	5150 to 5250	Pass
					40	NV	5240.000	5150 to 5250	Pass
					50	NV	5240.020	5150 to 5250	Pass
802.11ac (VHT40)	SISO	5190	/	/	20	LV	5190.040	5150 to 5250	Pass
						NV	5190.080	5150 to 5250	Pass
						HV	5190.120	5150 to 5250	Pass
					-30	NV	5190.080	5150 to 5250	Pass
					-20	NV	5190.120	5150 to 5250	Pass
					-10	NV	5190.080	5150 to 5250	Pass
					0	NV	5190.080	5150 to 5250	Pass
					10	NV	5190.080	5150 to 5250	Pass
					30	NV	5190.080	5150 to 5250	Pass
					40	NV	5190.080	5150 to 5250	Pass
					50	NV	5190.080	5150 to 5250	Pass
		5230	/	/	20	LV	5230.040	5150 to 5250	Pass
						NV	5230.040	5150 to 5250	Pass
						HV	5230.040	5150 to 5250	Pass
					-30	NV	5230.040	5150 to 5250	Pass
					-20	NV	5230.040	5150 to 5250	Pass
					-10	NV	5230.080	5150 to 5250	Pass
					0	NV	5230.080	5150 to 5250	Pass
					10	NV	5230.040	5150 to 5250	Pass
					30	NV	5230.120	5150 to 5250	Pass
					40	NV	5230.080	5150 to 5250	Pass
					50	NV	5230.040	5150 to 5250	Pass
802.11ac (VHT80)	SISO	5210	/	/	20	LV	5210.150	5150 to 5250	Pass
						NV	5210.150	5150 to 5250	Pass
						HV	5210.150	5150 to 5250	Pass
					-30	NV	5210.075	5150 to 5250	Pass
					-20	NV	5210.075	5150 to 5250	Pass
					-10	NV	5210.150	5150 to 5250	Pass
					0	NV	5210.150	5150 to 5250	Pass
					10	NV	5210.075	5150 to 5250	Pass
					30	NV	5210.075	5150 to 5250	Pass



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					40	NV	5210.075	5150 to 5250	Pass
					50	NV	5210.075	5150 to 5250	Pass
802.11ax (HEW20)	SISO	5180	SU	/	20	LV	5180.000	5150 to 5250	Pass
						NV	5179.980	5150 to 5250	Pass
						HV	5180.020	5150 to 5250	Pass
					-30	NV	5180.020	5150 to 5250	Pass
					-20	NV	5180.020	5150 to 5250	Pass
					-10	NV	5180.020	5150 to 5250	Pass
					0	NV	5180.060	5150 to 5250	Pass
					10	NV	5180.000	5150 to 5250	Pass
					30	NV	5180.020	5150 to 5250	Pass
					40	NV	5180.020	5150 to 5250	Pass
					50	NV	5180.000	5150 to 5250	Pass
		5200	SU	/	20	LV	5200.020	5150 to 5250	Pass
						NV	5200.020	5150 to 5250	Pass
						HV	5200.020	5150 to 5250	Pass
					-30	NV	5200.020	5150 to 5250	Pass
					-20	NV	5200.020	5150 to 5250	Pass
					-10	NV	5200.040	5150 to 5250	Pass
					0	NV	5200.020	5150 to 5250	Pass
					10	NV	5200.040	5150 to 5250	Pass
					30	NV	5200.060	5150 to 5250	Pass
					40	NV	5200.020	5150 to 5250	Pass
					50	NV	5200.040	5150 to 5250	Pass
		5240	SU	/	20	LV	5240.020	5150 to 5250	Pass
						NV	5240.000	5150 to 5250	Pass
						HV	5239.980	5150 to 5250	Pass
					-30	NV	5239.960	5150 to 5250	Pass
					-20	NV	5239.980	5150 to 5250	Pass
					-10	NV	5239.960	5150 to 5250	Pass
					0	NV	5239.980	5150 to 5250	Pass
					10	NV	5240.020	5150 to 5250	Pass
					30	NV	5240.000	5150 to 5250	Pass
					40	NV	5239.980	5150 to 5250	Pass
					50	NV	5240.040	5150 to 5250	Pass
802.11ax (HEW40)	SISO	5190	SU	/	20	LV	5190.080	5150 to 5250	Pass
						NV	5190.080	5150 to 5250	Pass
						HV	5190.080	5150 to 5250	Pass
					-30	NV	5190.120	5150 to 5250	Pass
					-20	NV	5190.080	5150 to 5250	Pass



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					-10	NV	5190.080	5150 to 5250	Pass
					0	NV	5190.080	5150 to 5250	Pass
					10	NV	5190.120	5150 to 5250	Pass
					30	NV	5190.040	5150 to 5250	Pass
					40	NV	5190.080	5150 to 5250	Pass
					50	NV	5190.080	5150 to 5250	Pass
		5230	SU	/	20	LV	5230.080	5150 to 5250	Pass
						NV	5230.000	5150 to 5250	Pass
						HV	5230.040	5150 to 5250	Pass
					-30	NV	5230.040	5150 to 5250	Pass
					-20	NV	5230.040	5150 to 5250	Pass
					-10	NV	5230.080	5150 to 5250	Pass
					0	NV	5230.080	5150 to 5250	Pass
					10	NV	5230.080	5150 to 5250	Pass
					30	NV	5230.040	5150 to 5250	Pass
					40	NV	5230.080	5150 to 5250	Pass
					50	NV	5230.040	5150 to 5250	Pass
	802.11ax (HEW80)	SISO	5210	SU	20	LV	5210.075	5150 to 5250	Pass
						NV	5210.075	5150 to 5250	Pass
						HV	5210.075	5150 to 5250	Pass
					-30	NV	5210.075	5150 to 5250	Pass
					-20	NV	5210.075	5150 to 5250	Pass
					-10	NV	5210.075	5150 to 5250	Pass
					0	NV	5210.075	5150 to 5250	Pass
					10	NV	5210.075	5150 to 5250	Pass
					30	NV	5210.075	5150 to 5250	Pass
					40	NV	5210.150	5150 to 5250	Pass
					50	NV	5210.075	5150 to 5250	Pass

Note:

LV: AC100V

NV: AC220V

HV: AC240V

- End of the Report -



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