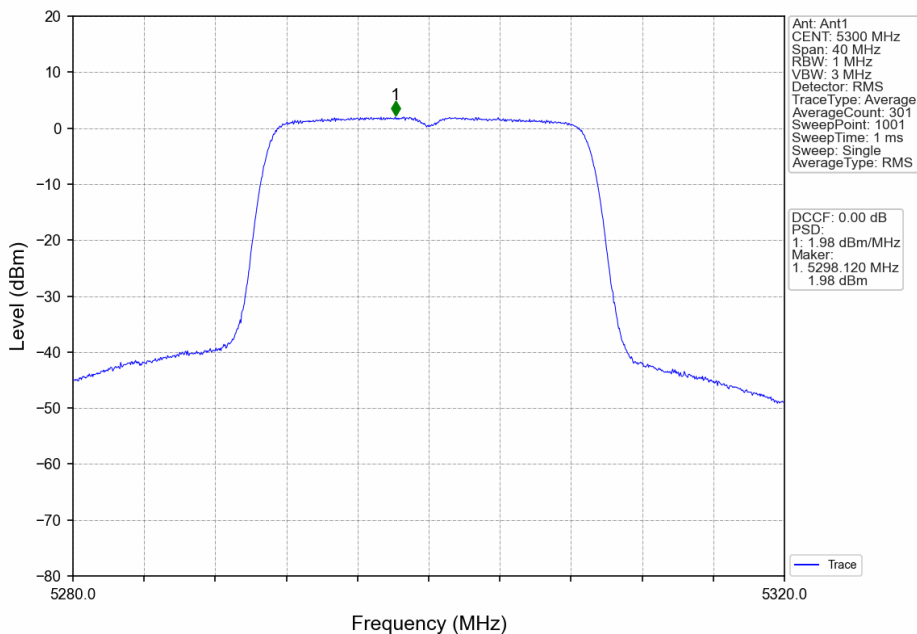
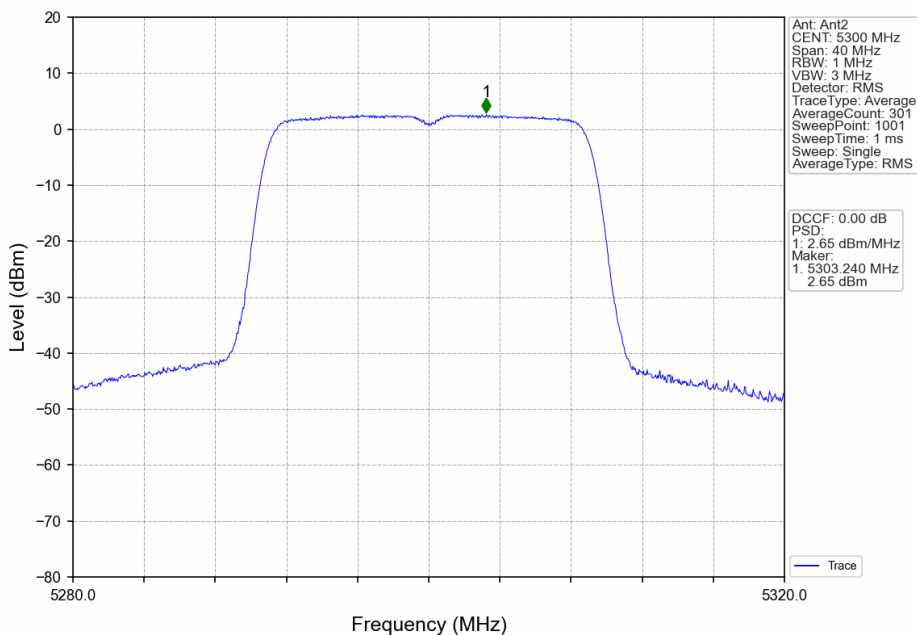


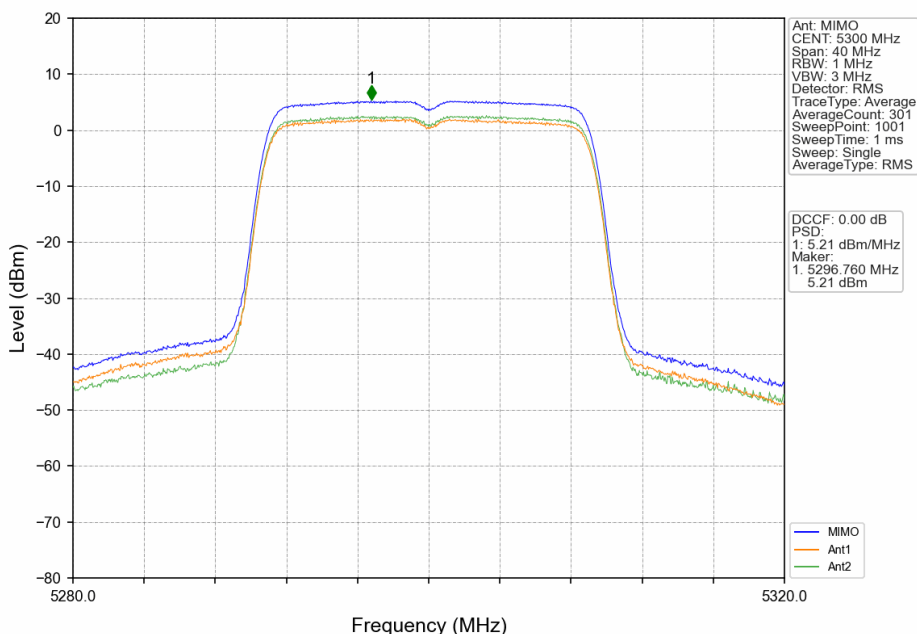
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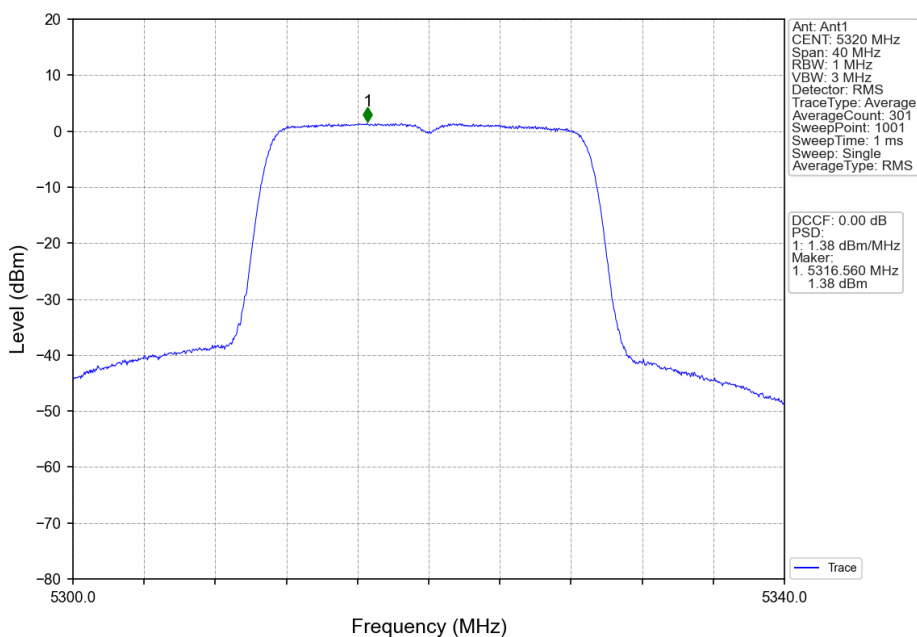
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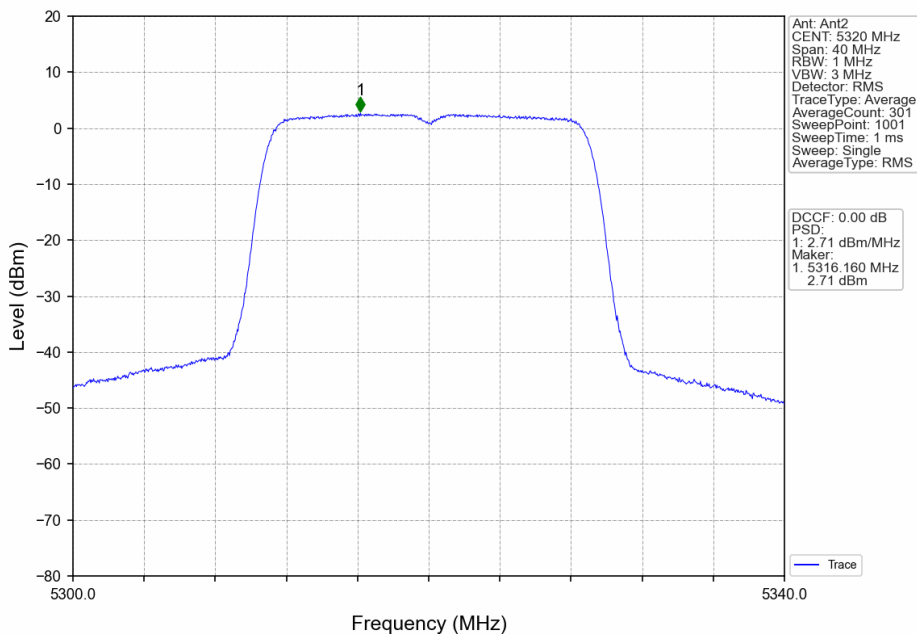
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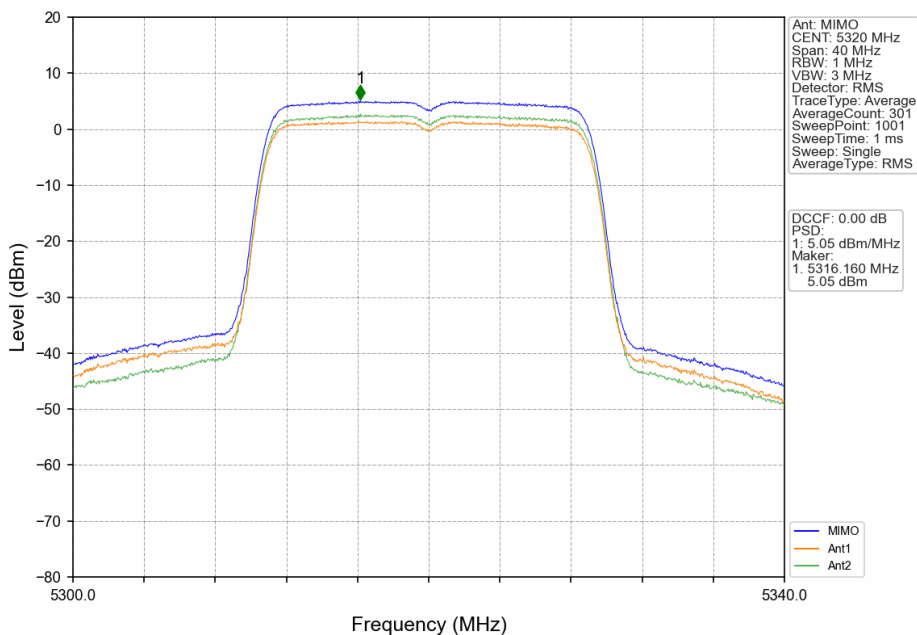
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802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV



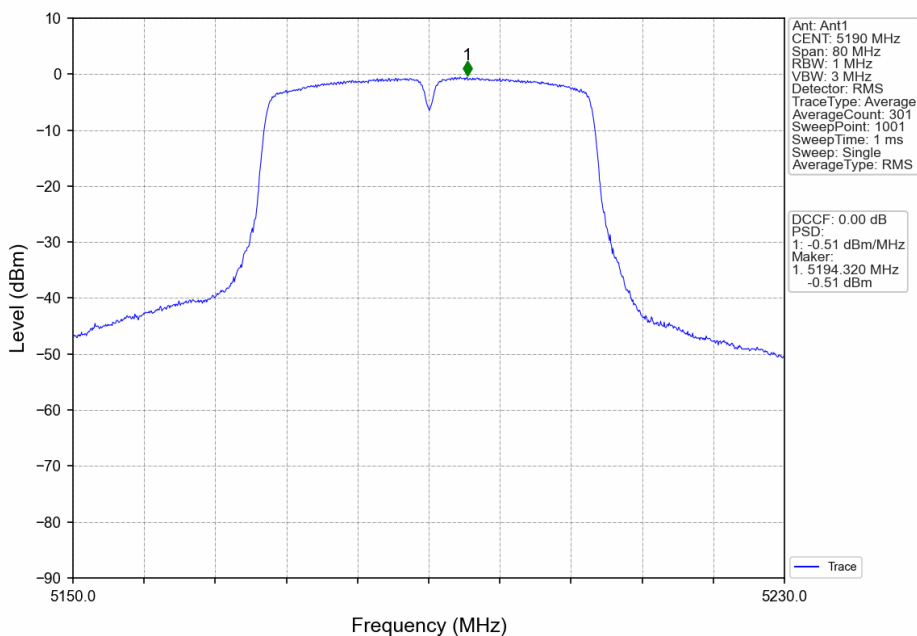
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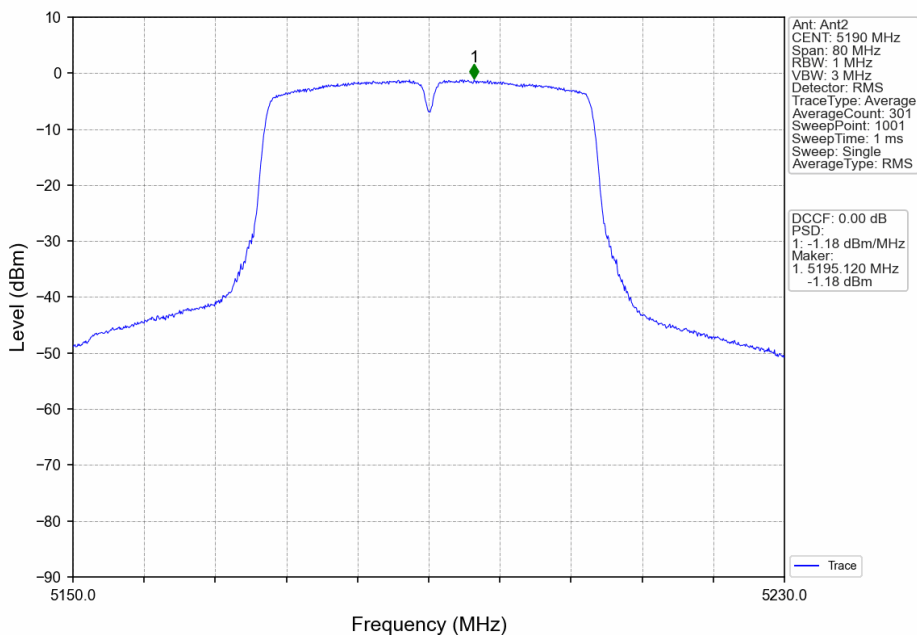
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



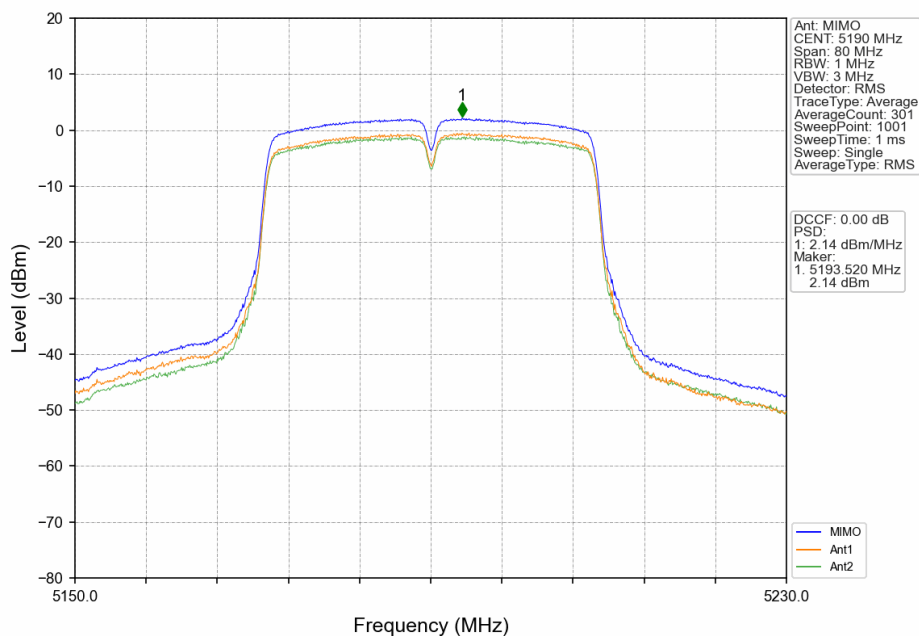
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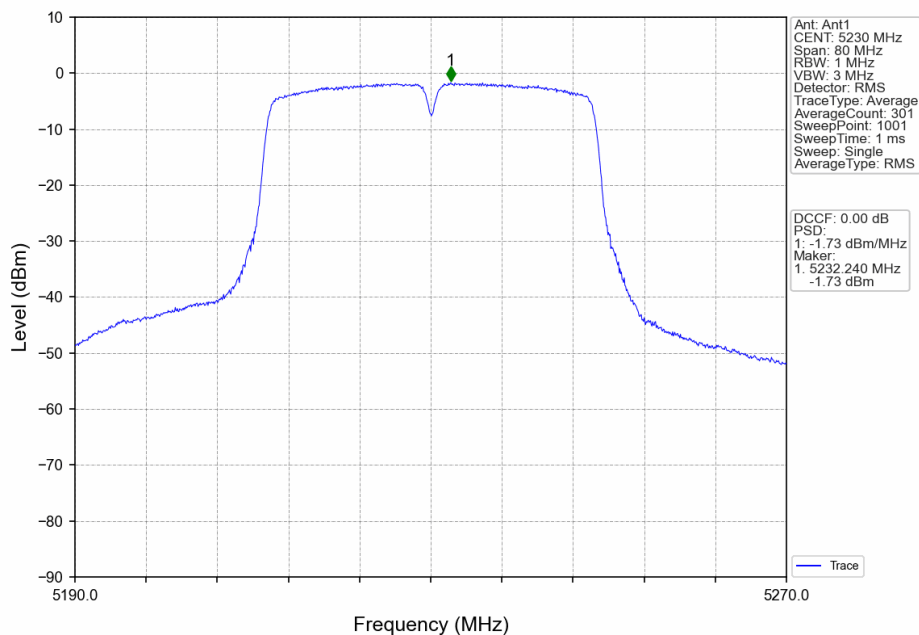
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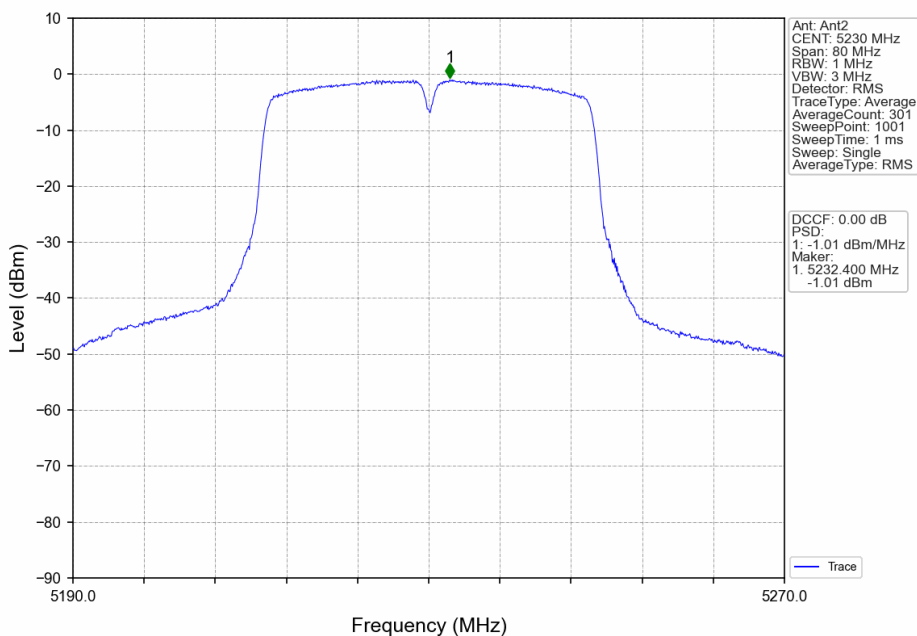
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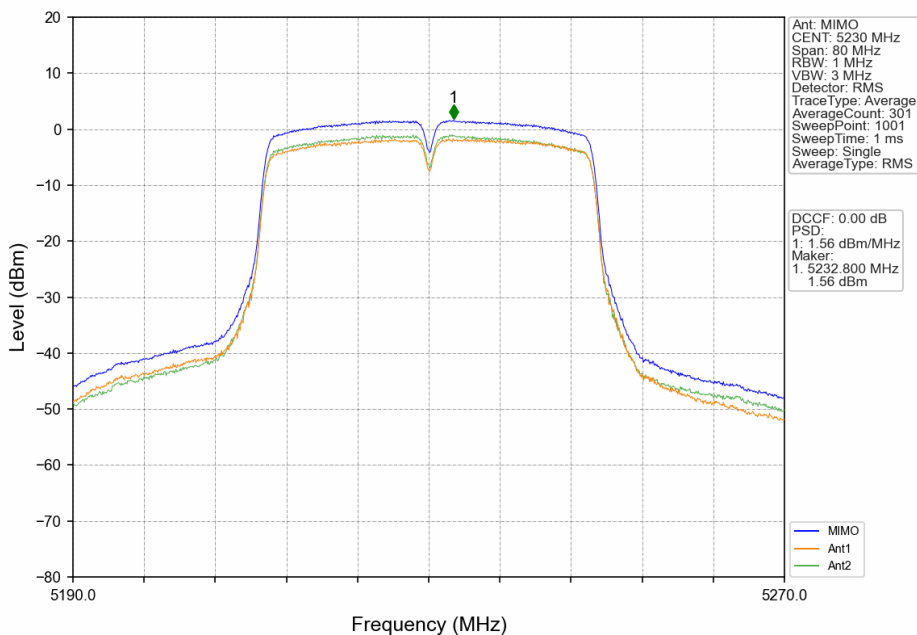
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802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



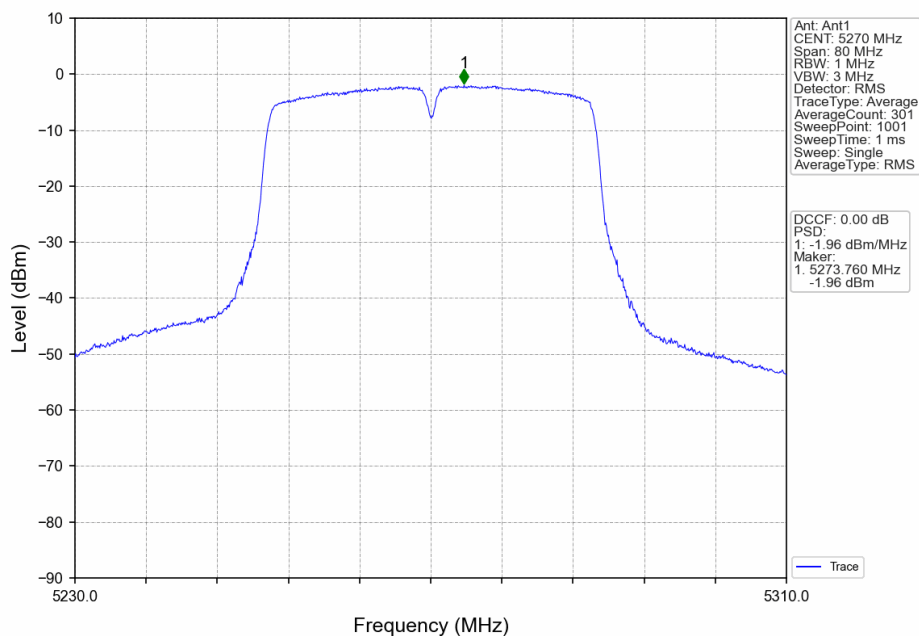
802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



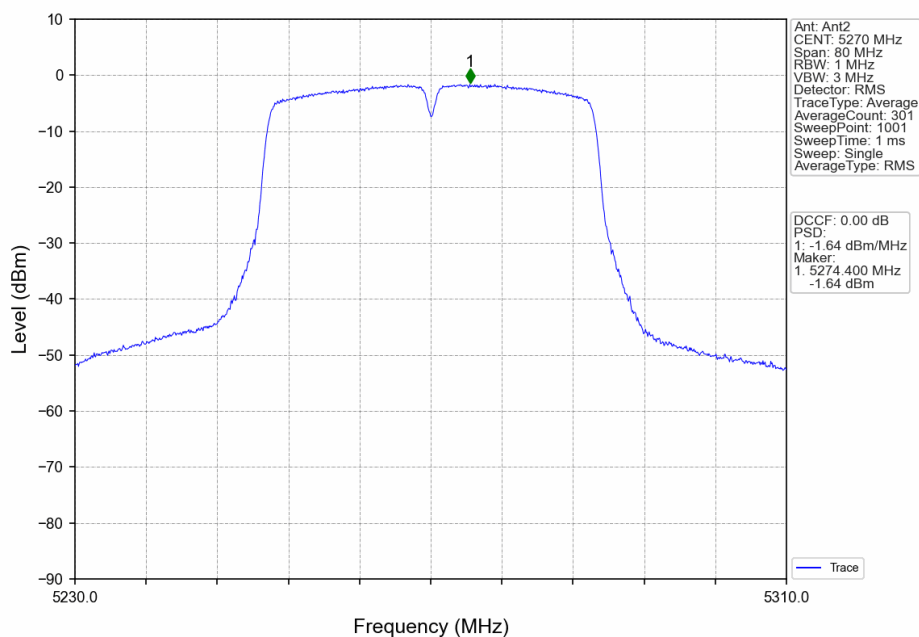
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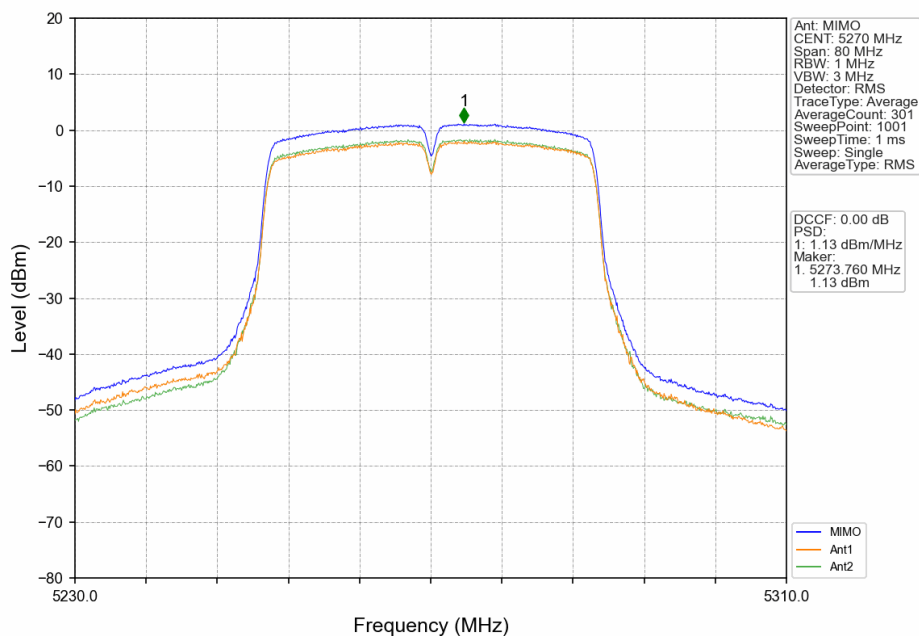
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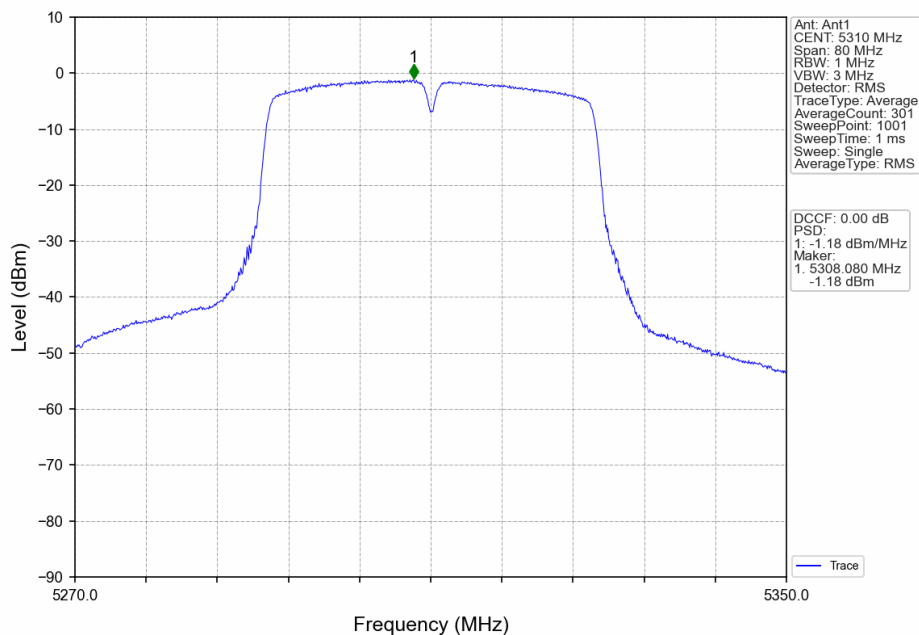
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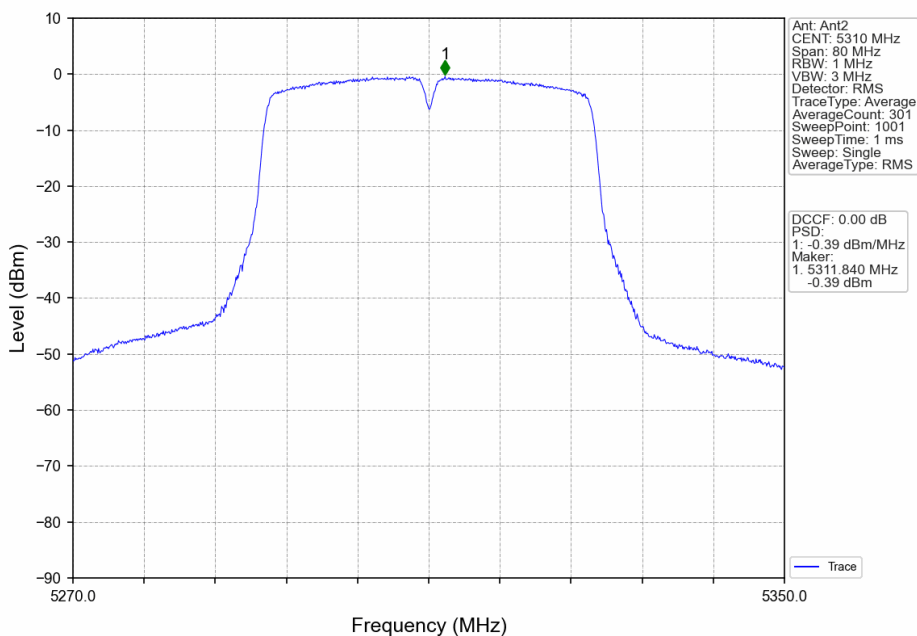
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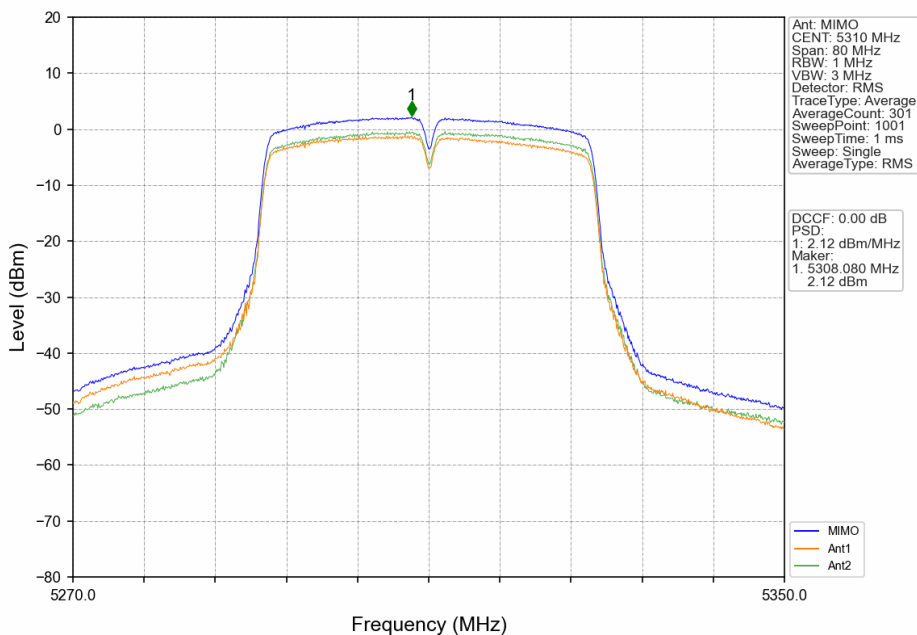
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802.11ac(VHT40)_HCH_5310MHz_Ant2_NTNV



802.11ac(VHT40)_HCH_5310MHz_MIMO_NTNV



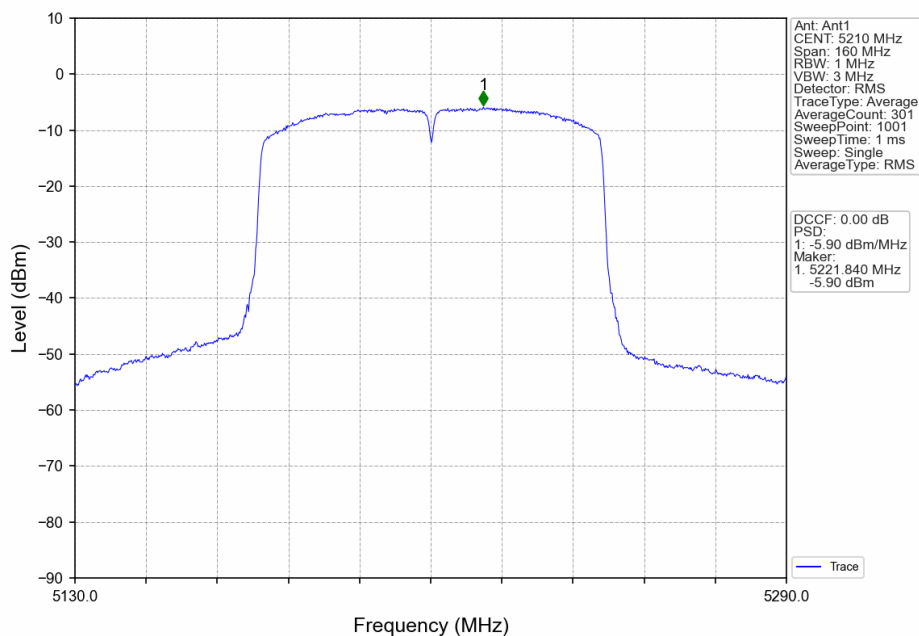
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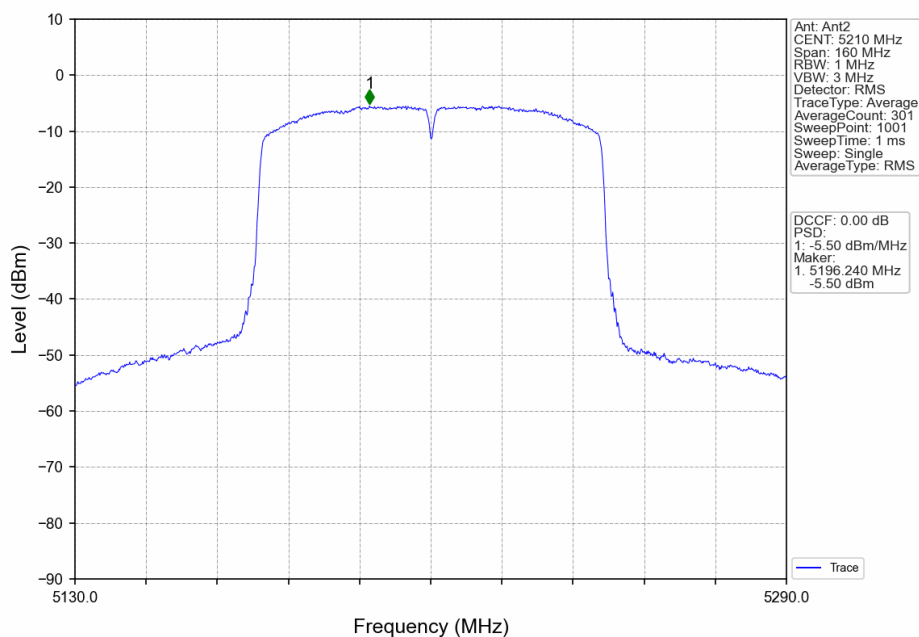
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



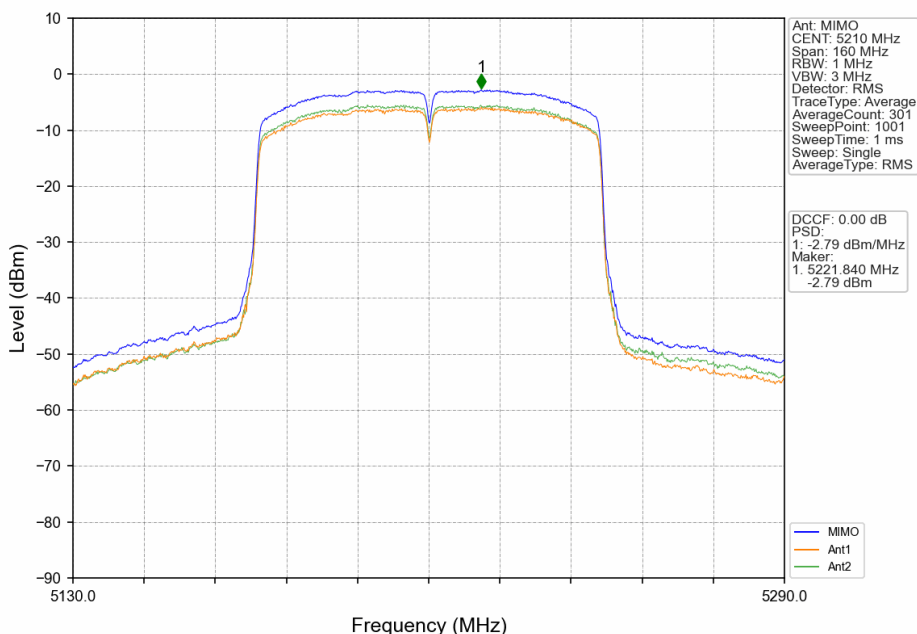
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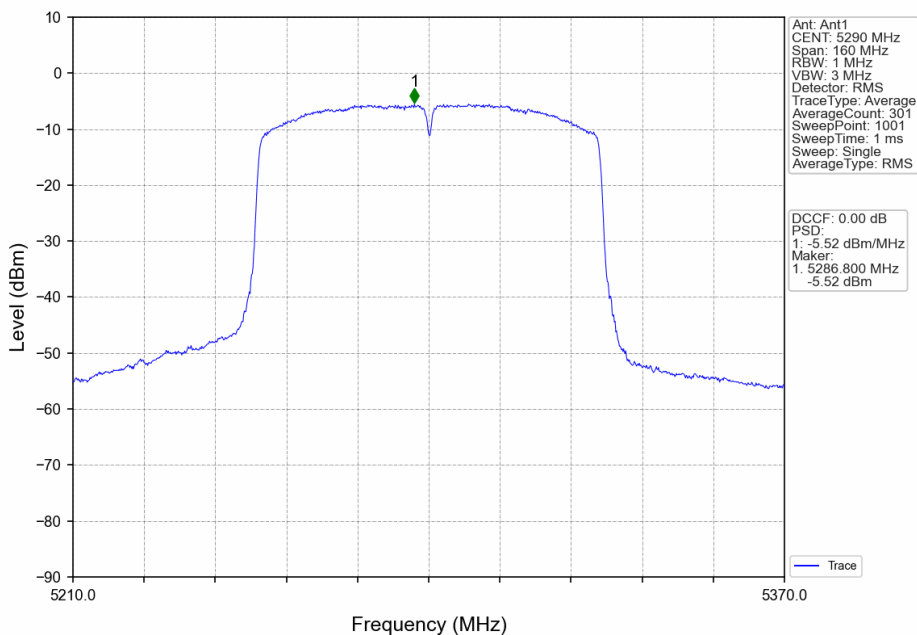
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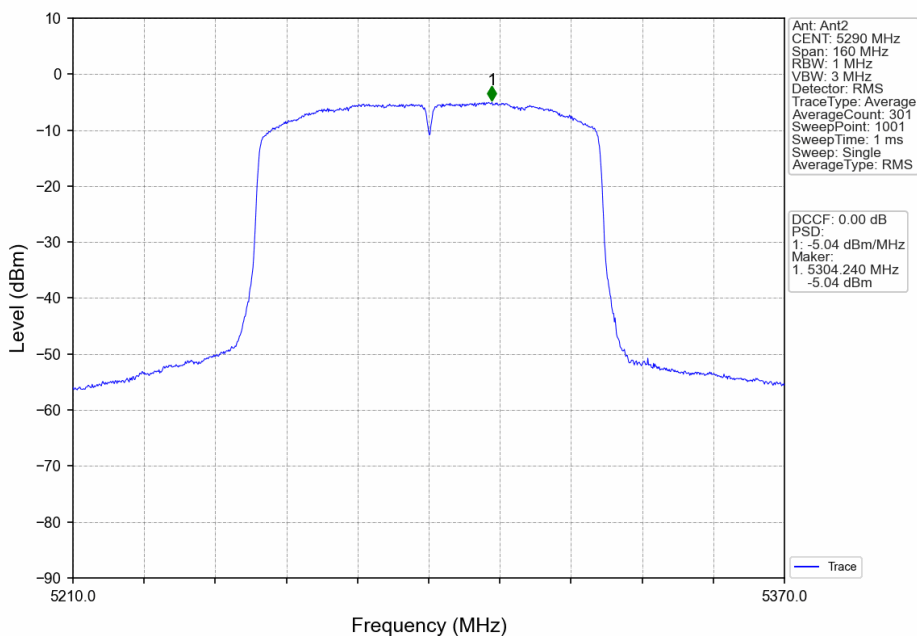
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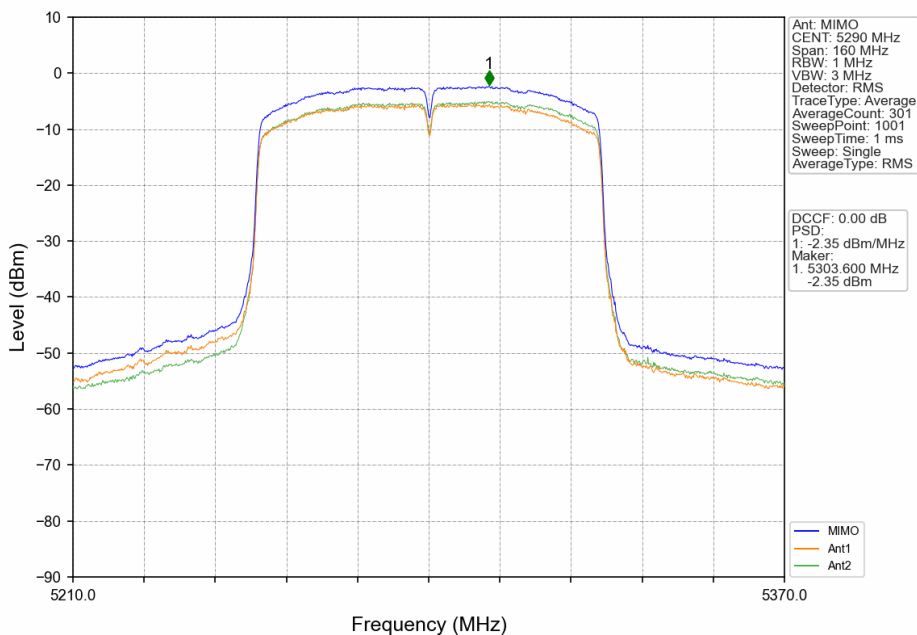
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5290MHz_MIMO_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	6.46	5180.000	5150 to 5250	Pass
				7.6	5180.000	5150 to 5250	Pass
				8.74	5180.000	5150 to 5250	Pass
			-30	7.6	5180.000	5150 to 5250	Pass
			-20	7.6	5180.000	5150 to 5250	Pass
			-10	7.6	5180.000	5150 to 5250	Pass
			0	7.6	5180.000	5150 to 5250	Pass
			10	7.6	5180.060	5150 to 5250	Pass
			30	7.6	5180.060	5150 to 5250	Pass
			40	7.6	5180.040	5150 to 5250	Pass
			50	7.6	5180.020	5150 to 5250	Pass
		5200	20	6.46	5200.040	5150 to 5250	Pass
				7.6	5200.060	5150 to 5250	Pass
				8.74	5200.040	5150 to 5250	Pass
			-30	7.6	5200.000	5150 to 5250	Pass
			-20	7.6	5200.040	5150 to 5250	Pass
			-10	7.6	5200.000	5150 to 5250	Pass
			0	7.6	5200.040	5150 to 5250	Pass
			10	7.6	5200.040	5150 to 5250	Pass
			30	7.6	5200.020	5150 to 5250	Pass
			40	7.6	5200.040	5150 to 5250	Pass
			50	7.6	5200.020	5150 to 5250	Pass
		5240	20	6.46	5240.020	5150 to 5250	Pass
				7.6	5240.060	5150 to 5250	Pass
				8.74	5240.040	5150 to 5250	Pass
			-30	7.6	5240.040	5150 to 5250	Pass
			-20	7.6	5240.040	5150 to 5250	Pass
			-10	7.6	5240.020	5150 to 5250	Pass
			0	7.6	5240.040	5150 to 5250	Pass
			10	7.6	5240.000	5150 to 5250	Pass



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			30	7.6	5240.020	5150 to 5250	Pass
			40	7.6	5240.020	5150 to 5250	Pass
			50	7.6	5240.060	5150 to 5250	Pass
		5260	20	6.46	5260.100	5250 to 5350	Pass
				7.6	5260.060	5250 to 5350	Pass
				8.74	5260.080	5250 to 5350	Pass
			-30	7.6	5260.060	5250 to 5350	Pass
			-20	7.6	5260.060	5250 to 5350	Pass
			-10	7.6	5260.080	5250 to 5350	Pass
			0	7.6	5260.080	5250 to 5350	Pass
			10	7.6	5260.060	5250 to 5350	Pass
			30	7.6	5260.060	5250 to 5350	Pass
			40	7.6	5260.080	5250 to 5350	Pass
			50	7.6	5260.080	5250 to 5350	Pass
		5300	20	6.46	5300.040	5250 to 5350	Pass
				7.6	5300.020	5250 to 5350	Pass
				8.74	5300.020	5250 to 5350	Pass
			-30	7.6	5300.000	5250 to 5350	Pass
			-20	7.6	5300.040	5250 to 5350	Pass
			-10	7.6	5299.980	5250 to 5350	Pass
			0	7.6	5300.060	5250 to 5350	Pass
			10	7.6	5300.000	5250 to 5350	Pass
			30	7.6	5300.020	5250 to 5350	Pass
			40	7.6	5300.040	5250 to 5350	Pass
			50	7.6	5300.020	5250 to 5350	Pass
		5320	20	6.46	5320.000	5250 to 5350	Pass
				7.6	5319.960	5250 to 5350	Pass
				8.74	5320.020	5250 to 5350	Pass
			-30	7.6	5320.020	5250 to 5350	Pass
			-20	7.6	5319.980	5250 to 5350	Pass
			-10	7.6	5320.000	5250 to 5350	Pass
			0	7.6	5319.960	5250 to 5350	Pass
			10	7.6	5320.020	5250 to 5350	Pass
			30	7.6	5320.040	5250 to 5350	Pass
			40	7.6	5320.000	5250 to 5350	Pass
			50	7.6	5320.020	5250 to 5350	Pass
802.11n (HT20)	MIMO	5180	20	6.46	5180.060	5150 to 5250	Pass
				7.6	5180.020	5150 to 5250	Pass
				8.74	5180.020	5150 to 5250	Pass
			-30	7.6	5180.040	5150 to 5250	Pass



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			-20	7.6	5180.000	5150 to 5250	Pass
			-10	7.6	5179.980	5150 to 5250	Pass
			0	7.6	5180.000	5150 to 5250	Pass
			10	7.6	5180.040	5150 to 5250	Pass
			30	7.6	5180.040	5150 to 5250	Pass
			40	7.6	5180.020	5150 to 5250	Pass
			50	7.6	5180.060	5150 to 5250	Pass
		5200	20	6.46	5200.040	5150 to 5250	Pass
				7.6	5200.080	5150 to 5250	Pass
				8.74	5200.060	5150 to 5250	Pass
			-30	7.6	5200.040	5150 to 5250	Pass
			-20	7.6	5200.020	5150 to 5250	Pass
			-10	7.6	5200.040	5150 to 5250	Pass
			0	7.6	5200.060	5150 to 5250	Pass
			10	7.6	5200.060	5150 to 5250	Pass
			30	7.6	5200.060	5150 to 5250	Pass
			40	7.6	5200.060	5150 to 5250	Pass
			50	7.6	5200.040	5150 to 5250	Pass
		5240	20	6.46	5240.040	5150 to 5250	Pass
				7.6	5240.040	5150 to 5250	Pass
				8.74	5240.040	5150 to 5250	Pass
			-30	7.6	5240.040	5150 to 5250	Pass
			-20	7.6	5240.020	5150 to 5250	Pass
			-10	7.6	5240.040	5150 to 5250	Pass
			0	7.6	5240.040	5150 to 5250	Pass
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			30	7.6	5240.000	5150 to 5250	Pass
			40	7.6	5240.000	5150 to 5250	Pass
			50	7.6	5240.040	5150 to 5250	Pass
		5260	20	6.46	5260.060	5250 to 5350	Pass
				7.6	5260.060	5250 to 5350	Pass
				8.74	5260.060	5250 to 5350	Pass
			-30	7.6	5260.040	5250 to 5350	Pass
			-20	7.6	5260.040	5250 to 5350	Pass
			-10	7.6	5260.020	5250 to 5350	Pass
			0	7.6	5260.040	5250 to 5350	Pass
			10	7.6	5260.040	5250 to 5350	Pass
			30	7.6	5260.040	5250 to 5350	Pass
			40	7.6	5260.020	5250 to 5350	Pass
			50	7.6	5260.020	5250 to 5350	Pass



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		5300	20	6.46	5300.020	5250 to 5350	Pass
				7.6	5299.980	5250 to 5350	Pass
				8.74	5300.040	5250 to 5350	Pass
			-30	7.6	5300.000	5250 to 5350	Pass
			-20	7.6	5300.000	5250 to 5350	Pass
			-10	7.6	5300.000	5250 to 5350	Pass
			0	7.6	5300.000	5250 to 5350	Pass
			10	7.6	5300.000	5250 to 5350	Pass
			30	7.6	5300.000	5250 to 5350	Pass
			40	7.6	5300.020	5250 to 5350	Pass
			50	7.6	5300.000	5250 to 5350	Pass
		5320	20	6.46	5320.020	5250 to 5350	Pass
				7.6	5320.020	5250 to 5350	Pass
				8.74	5320.020	5250 to 5350	Pass
			-30	7.6	5320.020	5250 to 5350	Pass
			-20	7.6	5320.000	5250 to 5350	Pass
			-10	7.6	5320.000	5250 to 5350	Pass
			0	7.6	5320.020	5250 to 5350	Pass
			10	7.6	5320.020	5250 to 5350	Pass
			30	7.6	5320.020	5250 to 5350	Pass
			40	7.6	5320.020	5250 to 5350	Pass
			50	7.6	5320.040	5250 to 5350	Pass
802.11n (HT40)	MIMO	5190	20	6.46	5190.120	5150 to 5250	Pass
				7.6	5190.080	5150 to 5250	Pass
				8.74	5190.120	5150 to 5250	Pass
			-30	7.6	5190.080	5150 to 5250	Pass
			-20	7.6	5190.160	5150 to 5250	Pass
			-10	7.6	5190.160	5150 to 5250	Pass
			0	7.6	5190.160	5150 to 5250	Pass
			10	7.6	5190.080	5150 to 5250	Pass
			30	7.6	5190.120	5150 to 5250	Pass
			40	7.6	5190.120	5150 to 5250	Pass
			50	7.6	5190.080	5150 to 5250	Pass
		5230	20	6.46	5230.080	5150 to 5250	Pass
				7.6	5230.080	5150 to 5250	Pass
				8.74	5230.120	5150 to 5250	Pass
			-30	7.6	5230.080	5150 to 5250	Pass
			-20	7.6	5230.120	5150 to 5250	Pass
			-10	7.6	5230.080	5150 to 5250	Pass
			0	7.6	5230.080	5150 to 5250	Pass



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			10	7.6	5230.040	5150 to 5250	Pass
			30	7.6	5230.080	5150 to 5250	Pass
			40	7.6	5230.080	5150 to 5250	Pass
			50	7.6	5230.080	5150 to 5250	Pass
		5270	20	6.46	5270.120	5250 to 5350	Pass
				7.6	5270.160	5250 to 5350	Pass
				8.74	5270.120	5250 to 5350	Pass
			-30	7.6	5270.080	5250 to 5350	Pass
			-20	7.6	5270.080	5250 to 5350	Pass
			-10	7.6	5270.120	5250 to 5350	Pass
			0	7.6	5270.120	5250 to 5350	Pass
			10	7.6	5270.120	5250 to 5350	Pass
			30	7.6	5270.080	5250 to 5350	Pass
			40	7.6	5270.120	5250 to 5350	Pass
			50	7.6	5270.120	5250 to 5350	Pass
		5310	20	6.46	5309.960	5250 to 5350	Pass
				7.6	5310.000	5250 to 5350	Pass
				8.74	5310.040	5250 to 5350	Pass
			-30	7.6	5310.040	5250 to 5350	Pass
			-20	7.6	5310.040	5250 to 5350	Pass
			-10	7.6	5310.040	5250 to 5350	Pass
			0	7.6	5310.040	5250 to 5350	Pass
			10	7.6	5310.000	5250 to 5350	Pass
			30	7.6	5310.000	5250 to 5350	Pass
			40	7.6	5310.040	5250 to 5350	Pass
			50	7.6	5309.960	5250 to 5350	Pass
802.11ac (VHT20)	MIMO	5180	20	6.46	5180.020	5150 to 5250	Pass
				7.6	5180.060	5150 to 5250	Pass
				8.74	5180.020	5150 to 5250	Pass
			-30	7.6	5180.040	5150 to 5250	Pass
			-20	7.6	5180.040	5150 to 5250	Pass
			-10	7.6	5180.060	5150 to 5250	Pass
			0	7.6	5180.020	5150 to 5250	Pass
			10	7.6	5180.040	5150 to 5250	Pass
			30	7.6	5180.020	5150 to 5250	Pass
			40	7.6	5180.000	5150 to 5250	Pass
			50	7.6	5180.000	5150 to 5250	Pass
		5200	20	6.46	5200.060	5150 to 5250	Pass
				7.6	5200.060	5150 to 5250	Pass
				8.74	5200.000	5150 to 5250	Pass



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			-30	7.6	5200.080	5150 to 5250	Pass
			-20	7.6	5199.980	5150 to 5250	Pass
			-10	7.6	5200.040	5150 to 5250	Pass
			0	7.6	5200.060	5150 to 5250	Pass
			10	7.6	5200.020	5150 to 5250	Pass
			30	7.6	5200.020	5150 to 5250	Pass
			40	7.6	5199.980	5150 to 5250	Pass
			50	7.6	5200.040	5150 to 5250	Pass
		5240	20	6.46	5240.040	5150 to 5250	Pass
				7.6	5240.040	5150 to 5250	Pass
				8.74	5240.040	5150 to 5250	Pass
			-30	7.6	5240.020	5150 to 5250	Pass
			-20	7.6	5240.020	5150 to 5250	Pass
			-10	7.6	5240.000	5150 to 5250	Pass
			0	7.6	5240.000	5150 to 5250	Pass
			10	7.6	5240.000	5150 to 5250	Pass
			30	7.6	5239.980	5150 to 5250	Pass
			40	7.6	5240.020	5150 to 5250	Pass
			50	7.6	5240.020	5150 to 5250	Pass
		5260	20	6.46	5260.040	5250 to 5350	Pass
				7.6	5260.040	5250 to 5350	Pass
				8.74	5260.040	5250 to 5350	Pass
			-30	7.6	5260.040	5250 to 5350	Pass
			-20	7.6	5260.060	5250 to 5350	Pass
			-10	7.6	5260.060	5250 to 5350	Pass
			0	7.6	5260.080	5250 to 5350	Pass
			10	7.6	5260.060	5250 to 5350	Pass
			30	7.6	5260.060	5250 to 5350	Pass
			40	7.6	5260.040	5250 to 5350	Pass
			50	7.6	5260.060	5250 to 5350	Pass
		5300	20	6.46	5300.000	5250 to 5350	Pass
				7.6	5299.980	5250 to 5350	Pass
				8.74	5300.000	5250 to 5350	Pass
			-30	7.6	5300.020	5250 to 5350	Pass
			-20	7.6	5300.000	5250 to 5350	Pass
			-10	7.6	5300.020	5250 to 5350	Pass
			0	7.6	5300.020	5250 to 5350	Pass
			10	7.6	5300.020	5250 to 5350	Pass
			30	7.6	5299.980	5250 to 5350	Pass
			40	7.6	5300.020	5250 to 5350	Pass



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		5320	50	7.6	5300.000	5250 to 5350	Pass
			20	6.46	5320.000	5250 to 5350	Pass
				7.6	5319.980	5250 to 5350	Pass
				8.74	5320.020	5250 to 5350	Pass
			-30	7.6	5320.020	5250 to 5350	Pass
			-20	7.6	5319.960	5250 to 5350	Pass
			-10	7.6	5320.000	5250 to 5350	Pass
			0	7.6	5320.020	5250 to 5350	Pass
			10	7.6	5319.960	5250 to 5350	Pass
			30	7.6	5320.000	5250 to 5350	Pass
			40	7.6	5320.020	5250 to 5350	Pass
			50	7.6	5320.000	5250 to 5350	Pass
802.11ac (VHT40)	MIMO	5190	20	6.46	5190.120	5150 to 5250	Pass
				7.6	5190.080	5150 to 5250	Pass
				8.74	5190.040	5150 to 5250	Pass
			-30	7.6	5190.160	5150 to 5250	Pass
			-20	7.6	5189.960	5150 to 5250	Pass
			-10	7.6	5190.080	5150 to 5250	Pass
			0	7.6	5190.080	5150 to 5250	Pass
			10	7.6	5190.040	5150 to 5250	Pass
			30	7.6	5190.120	5150 to 5250	Pass
			40	7.6	5190.120	5150 to 5250	Pass
			50	7.6	5190.040	5150 to 5250	Pass
		5230	20	6.46	5230.000	5150 to 5250	Pass
				7.6	5230.080	5150 to 5250	Pass
				8.74	5230.000	5150 to 5250	Pass
			-30	7.6	5230.040	5150 to 5250	Pass
			-20	7.6	5230.040	5150 to 5250	Pass
			-10	7.6	5230.040	5150 to 5250	Pass
			0	7.6	5230.040	5150 to 5250	Pass
			10	7.6	5230.040	5150 to 5250	Pass
			30	7.6	5230.000	5150 to 5250	Pass
			40	7.6	5230.040	5150 to 5250	Pass
			50	7.6	5230.080	5150 to 5250	Pass
		5270	20	6.46	5270.000	5250 to 5350	Pass
				7.6	5270.080	5250 to 5350	Pass
				8.74	5270.080	5250 to 5350	Pass
			-30	7.6	5270.080	5250 to 5350	Pass
			-20	7.6	5270.080	5250 to 5350	Pass
			-10	7.6	5270.080	5250 to 5350	Pass



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			0	7.6	5270.080	5250 to 5350	Pass
			10	7.6	5270.080	5250 to 5350	Pass
			30	7.6	5270.120	5250 to 5350	Pass
			40	7.6	5270.120	5250 to 5350	Pass
			50	7.6	5270.120	5250 to 5350	Pass
		5310	20	6.46	5310.080	5250 to 5350	Pass
				7.6	5310.000	5250 to 5350	Pass
				8.74	5310.040	5250 to 5350	Pass
			-30	7.6	5310.000	5250 to 5350	Pass
			-20	7.6	5310.120	5250 to 5350	Pass
			-10	7.6	5310.120	5250 to 5350	Pass
			0	7.6	5310.040	5250 to 5350	Pass
			10	7.6	5310.120	5250 to 5350	Pass
			30	7.6	5310.040	5250 to 5350	Pass
			40	7.6	5310.080	5250 to 5350	Pass
			50	7.6	5310.040	5250 to 5350	Pass
802.11ac (VHT80)	MIMO	5210	20	6.46	5210.075	5150 to 5250	Pass
				7.6	5210.075	5150 to 5250	Pass
				8.74	5210.000	5150 to 5250	Pass
			-30	7.6	5210.075	5150 to 5250	Pass
			-20	7.6	5210.075	5150 to 5250	Pass
			-10	7.6	5210.150	5150 to 5250	Pass
			0	7.6	5210.150	5150 to 5250	Pass
			10	7.6	5210.000	5150 to 5250	Pass
			30	7.6	5210.075	5150 to 5250	Pass
			40	7.6	5210.150	5150 to 5250	Pass
			50	7.6	5210.075	5150 to 5250	Pass
		5290	20	6.46	5290.075	5250 to 5350	Pass
				7.6	5290.000	5250 to 5350	Pass
				8.74	5290.075	5250 to 5350	Pass
			-30	7.6	5290.075	5250 to 5350	Pass
			-20	7.6	5290.075	5250 to 5350	Pass
			-10	7.6	5290.075	5250 to 5350	Pass
			0	7.6	5290.000	5250 to 5350	Pass
			10	7.6	5290.000	5250 to 5350	Pass
			30	7.6	5290.000	5250 to 5350	Pass
			40	7.6	5290.000	5250 to 5350	Pass
			50	7.6	5290.000	5250 to 5350	Pass

Note: All antennas type has been tested and we found the antenna 1 has the worst result. Only record the worst test result.

- End of the Report -



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