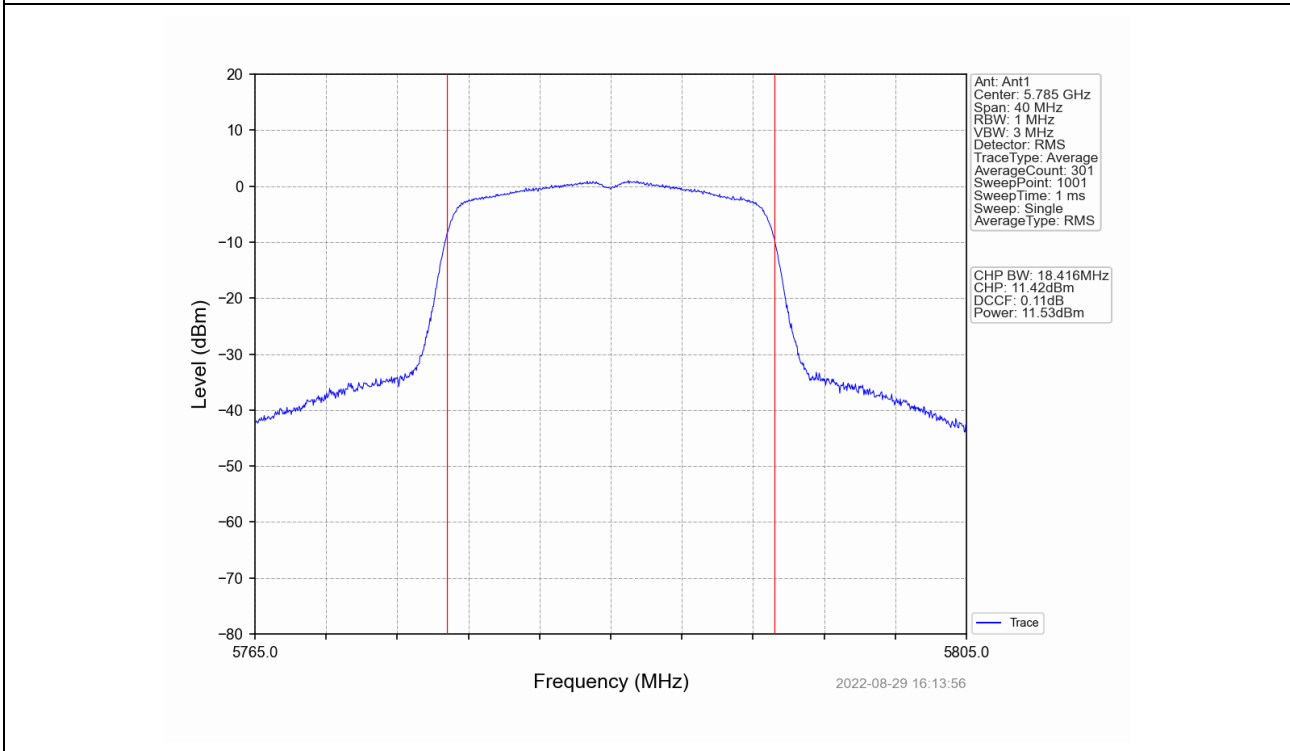
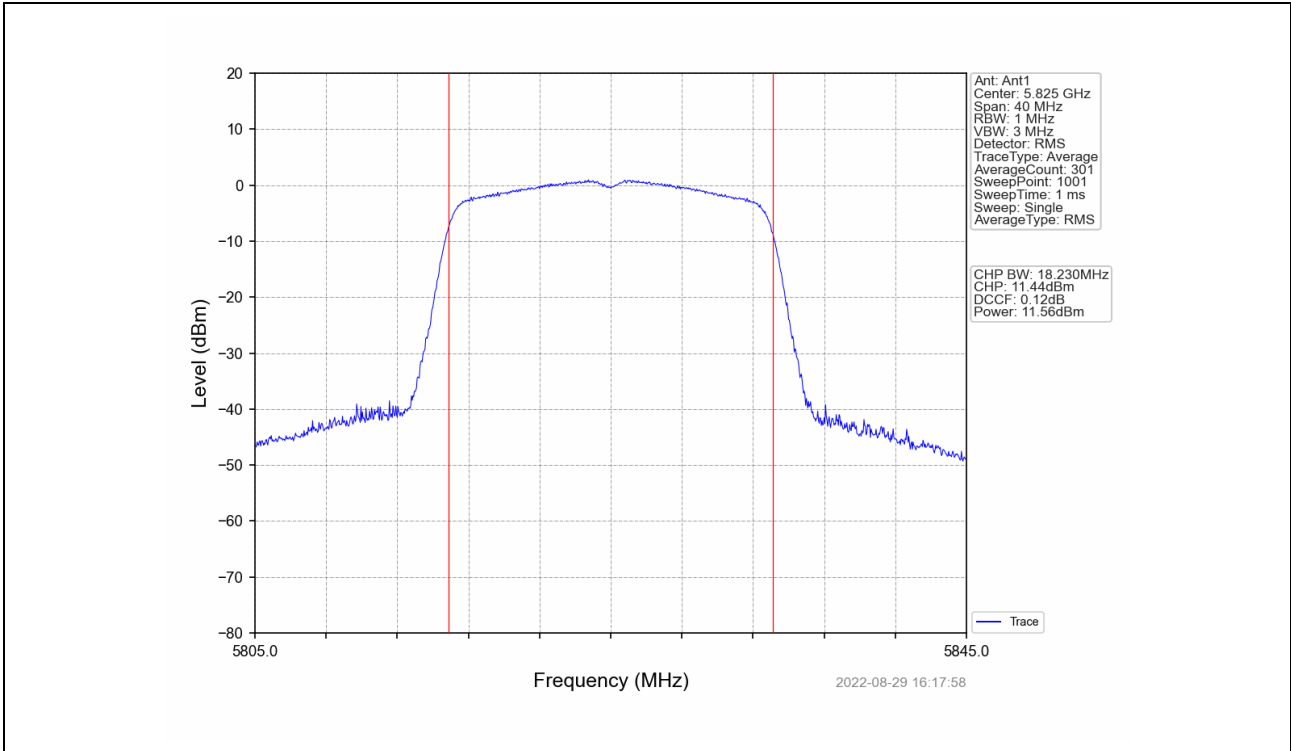


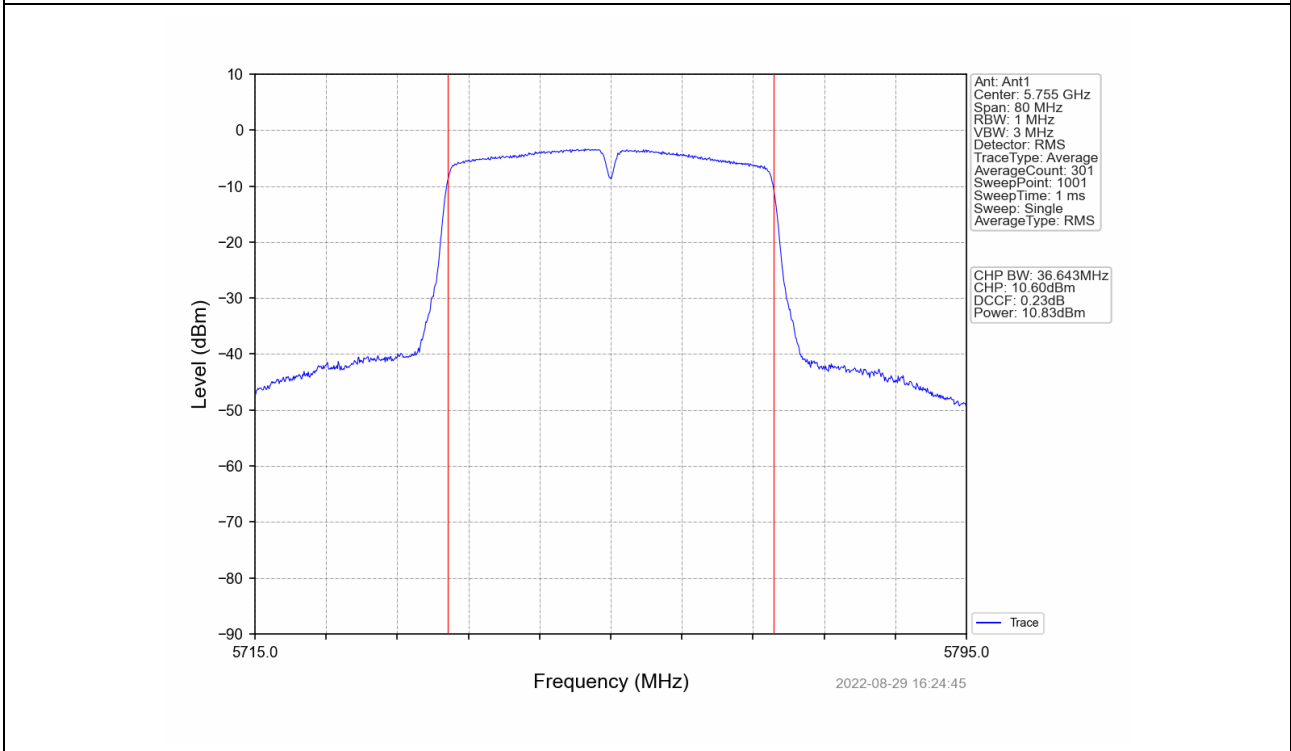
N20_MCH_5785MHz_Ant2



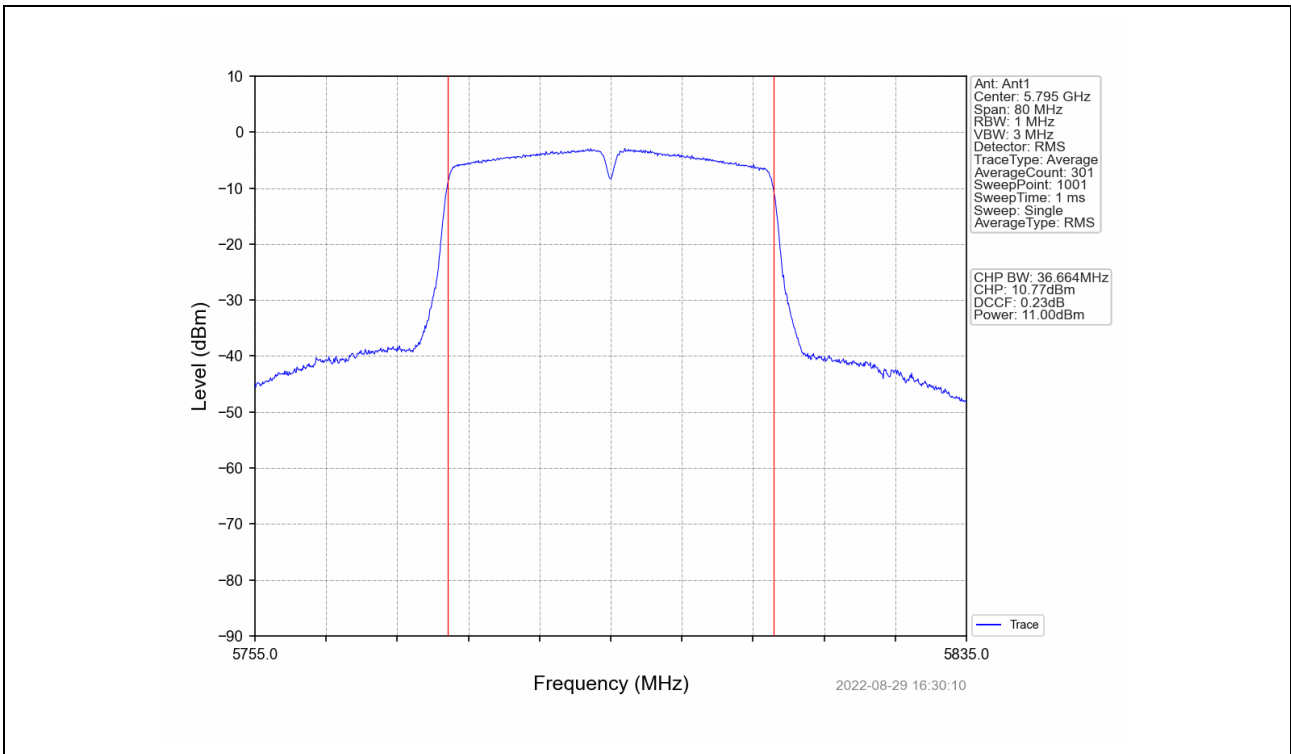
N20_HCH_5825MHz_Ant2



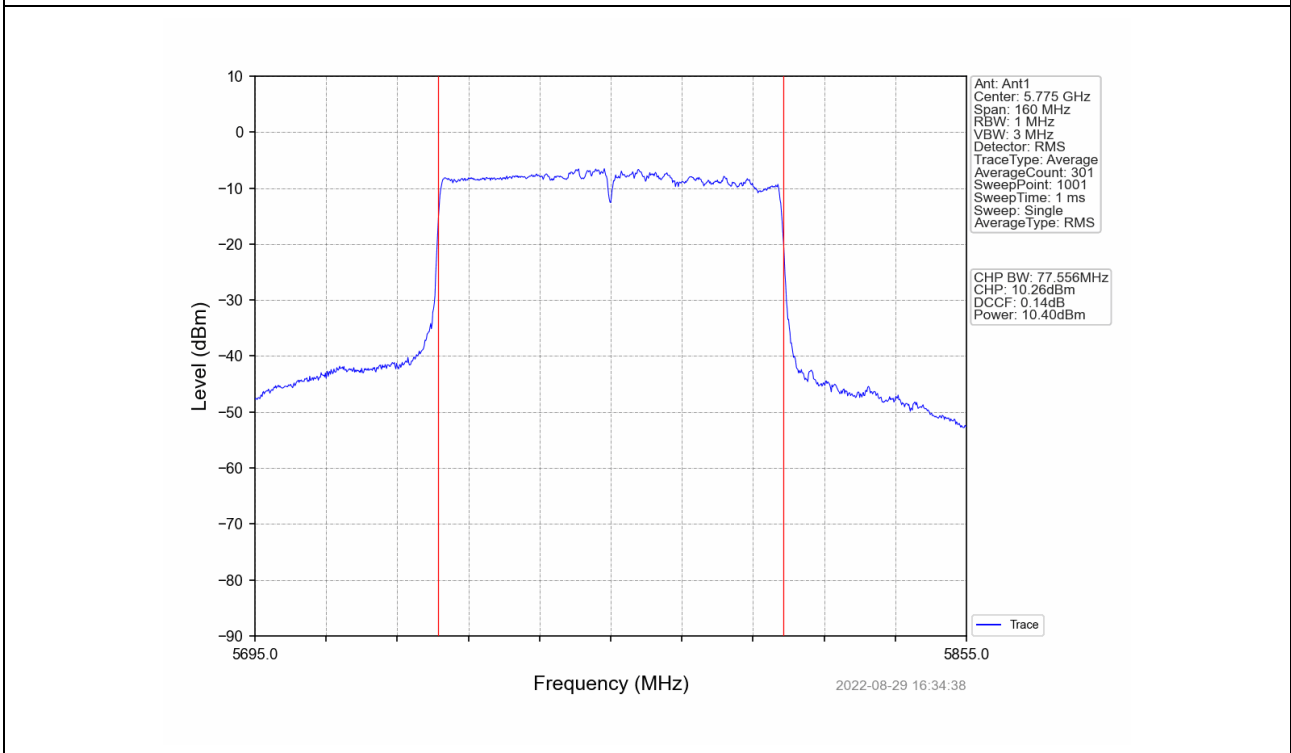
N40_LCH_5755MHz_Ant2



N40_HCH_5795MHz_Ant2



AC80_LCH_5775MHz_Ant2



APPENDIX D**Frequency Stability**

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	MIMO	5180	20	102	5179.920	5150 to 5250	Pass
				120	5179.900	5150 to 5250	Pass
				138	5179.940	5150 to 5250	Pass
			-30	120	5179.940	5150 to 5250	Pass
			-20	120	5179.920	5150 to 5250	Pass
			-10	120	5179.900	5150 to 5250	Pass
			0	120	5179.900	5150 to 5250	Pass
			10	120	5179.960	5150 to 5250	Pass
			30	120	5179.960	5150 to 5250	Pass
			40	120	5179.960	5150 to 5250	Pass
		50	120	5179.980	5150 to 5250	Pass	
		5200	20	102	5199.980	5150 to 5250	Pass
				120	5199.900	5150 to 5250	Pass
				138	5199.940	5150 to 5250	Pass
			-30	120	5199.940	5150 to 5250	Pass
			-20	120	5199.980	5150 to 5250	Pass
			-10	120	5199.920	5150 to 5250	Pass
			0	120	5199.960	5150 to 5250	Pass
			10	120	5199.960	5150 to 5250	Pass
			30	120	5199.920	5150 to 5250	Pass
			40	120	5199.920	5150 to 5250	Pass
		50	120	5199.920	5150 to 5250	Pass	
		5240	20	102	5239.960	5150 to 5250	Pass
				120	5239.940	5150 to 5250	Pass
				138	5239.920	5150 to 5250	Pass
			-30	120	5239.920	5150 to 5250	Pass
			-20	120	5239.860	5150 to 5250	Pass
			-10	120	5239.920	5150 to 5250	Pass
			0	120	5239.940	5150 to 5250	Pass
			10	120	5239.920	5150 to 5250	Pass
30	120		5239.960	5150 to 5250	Pass		
40	120		5239.880	5150 to 5250	Pass		
50	120	5239.980	5150 to 5250	Pass			

802.11n (HT20)	MIMO	5180	20	102	5179.960	5150 to 5250	Pass
				120	5179.900	5150 to 5250	Pass
				138	5179.940	5150 to 5250	Pass
			-30	120	5179.980	5150 to 5250	Pass
			-20	120	5179.960	5150 to 5250	Pass
			-10	120	5179.980	5150 to 5250	Pass
			0	120	5179.980	5150 to 5250	Pass
			10	120	5179.960	5150 to 5250	Pass
			30	120	5179.920	5150 to 5250	Pass
			40	120	5179.960	5150 to 5250	Pass
		50	120	5179.980	5150 to 5250	Pass	
		5200	20	102	5199.940	5150 to 5250	Pass
				120	5199.960	5150 to 5250	Pass
				138	5199.980	5150 to 5250	Pass
			-30	120	5199.960	5150 to 5250	Pass
			-20	120	5199.960	5150 to 5250	Pass
			-10	120	5199.960	5150 to 5250	Pass
			0	120	5199.960	5150 to 5250	Pass
			10	120	5199.960	5150 to 5250	Pass
			30	120	5199.960	5150 to 5250	Pass
			40	120	5199.960	5150 to 5250	Pass
		50	120	5199.940	5150 to 5250	Pass	
		5240	20	102	5239.940	5150 to 5250	Pass
				120	5239.940	5150 to 5250	Pass
				138	5239.940	5150 to 5250	Pass
			-30	120	5239.960	5150 to 5250	Pass
			-20	120	5239.980	5150 to 5250	Pass
			-10	120	5239.960	5150 to 5250	Pass
			0	120	5239.940	5150 to 5250	Pass
			10	120	5239.960	5150 to 5250	Pass
			30	120	5239.940	5150 to 5250	Pass
			40	120	5239.980	5150 to 5250	Pass
		50	120	5239.960	5150 to 5250	Pass	
802.11n (HT40)	MIMO	5190	20	102	5189.880	5150 to 5250	Pass
				120	5189.920	5150 to 5250	Pass
				138	5189.920	5150 to 5250	Pass
			-30	120	5189.960	5150 to 5250	Pass
			-20	120	5189.920	5150 to 5250	Pass
			-10	120	5189.960	5150 to 5250	Pass
			0	120	5189.920	5150 to 5250	Pass
			10	120	5189.960	5150 to 5250	Pass

			30	120	5189.920	5150 to 5250	Pass
			40	120	5189.920	5150 to 5250	Pass
			50	120	5189.920	5150 to 5250	Pass
		5230	20	102	5229.920	5150 to 5250	Pass
				120	5229.880	5150 to 5250	Pass
				138	5229.960	5150 to 5250	Pass
			-30	120	5229.920	5150 to 5250	Pass
			-20	120	5229.880	5150 to 5250	Pass
			-10	120	5229.920	5150 to 5250	Pass
			0	120	5229.960	5150 to 5250	Pass
			10	120	5229.960	5150 to 5250	Pass
			30	120	5229.960	5150 to 5250	Pass
			40	120	5229.960	5150 to 5250	Pass
			50	120	5229.920	5150 to 5250	Pass
802.11ac (VHT80)	MIMO	5210	20	102	5209.925	5150 to 5250	Pass
				120	5209.925	5150 to 5250	Pass
				138	5210.075	5150 to 5250	Pass
			-30	120	5209.925	5150 to 5250	Pass
			-20	120	5209.925	5150 to 5250	Pass
			-10	120	5210.000	5150 to 5250	Pass
			0	120	5210.000	5150 to 5250	Pass
			10	120	5209.925	5150 to 5250	Pass
			30	120	5209.925	5150 to 5250	Pass
			40	120	5210.000	5150 to 5250	Pass
			50	120	5210.000	5150 to 5250	Pass

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
11A	MIMO	5745	20	102	5744.860	5725 to 5850	Pass
				120	5744.880	5725 to 5850	Pass
				138	5744.900	5725 to 5850	Pass
			-30	120	5744.880	5725 to 5850	Pass
			-20	120	5744.940	5725 to 5850	Pass
			-10	120	5744.900	5725 to 5850	Pass
			0	120	5744.900	5725 to 5850	Pass
			10	120	5744.880	5725 to 5850	Pass
			30	120	5744.900	5725 to 5850	Pass
			40	120	5744.880	5725 to 5850	Pass
		50	120	5744.860	5725 to 5850	Pass	
		5785	20	102	5784.860	5725 to 5850	Pass

				120	5784.920	5725 to 5850	Pass
				138	5784.860	5725 to 5850	Pass
			-30	120	5784.920	5725 to 5850	Pass
			-20	120	5784.920	5725 to 5850	Pass
			-10	120	5784.940	5725 to 5850	Pass
			0	120	5784.940	5725 to 5850	Pass
			10	120	5784.940	5725 to 5850	Pass
			30	120	5784.920	5725 to 5850	Pass
			40	120	5784.880	5725 to 5850	Pass
			50	120	5784.940	5725 to 5850	Pass
		5825	20	102	5824.900	5725 to 5850	Pass
				120	5824.900	5725 to 5850	Pass
				138	5824.900	5725 to 5850	Pass
			-30	120	5824.900	5725 to 5850	Pass
			-20	120	5824.900	5725 to 5850	Pass
			-10	120	5824.940	5725 to 5850	Pass
			0	120	5824.900	5725 to 5850	Pass
			10	120	5824.920	5725 to 5850	Pass
			30	120	5824.940	5725 to 5850	Pass
			40	120	5824.880	5725 to 5850	Pass
50	120	5824.960	5725 to 5850	Pass			
N20	MIMO	5745	20	102	5744.940	5725 to 5850	Pass
				120	5744.920	5725 to 5850	Pass
				138	5744.840	5725 to 5850	Pass
			-30	120	5744.940	5725 to 5850	Pass
			-20	120	5744.940	5725 to 5850	Pass
			-10	120	5744.920	5725 to 5850	Pass
			0	120	5744.900	5725 to 5850	Pass
			10	120	5744.900	5725 to 5850	Pass
			30	120	5744.880	5725 to 5850	Pass
			40	120	5744.900	5725 to 5850	Pass
		50	120	5744.940	5725 to 5850	Pass	
		5785	20	102	5784.900	5725 to 5850	Pass
				120	5784.940	5725 to 5850	Pass
				138	5784.940	5725 to 5850	Pass
			-30	120	5784.900	5725 to 5850	Pass
			-20	120	5784.940	5725 to 5850	Pass
			-10	120	5784.940	5725 to 5850	Pass
			0	120	5785.000	5725 to 5850	Pass
			10	120	5784.920	5725 to 5850	Pass
		30	120	5784.920	5725 to 5850	Pass	

			40	120	5784.940	5725 to 5850	Pass
			50	120	5784.960	5725 to 5850	Pass
		5825	20	102	5824.920	5725 to 5850	Pass
				120	5824.940	5725 to 5850	Pass
				138	5824.940	5725 to 5850	Pass
			-30	120	5824.940	5725 to 5850	Pass
			-20	120	5824.960	5725 to 5850	Pass
			-10	120	5824.960	5725 to 5850	Pass
			0	120	5824.920	5725 to 5850	Pass
			10	120	5824.920	5725 to 5850	Pass
			30	120	5824.900	5725 to 5850	Pass
			40	120	5824.900	5725 to 5850	Pass
		50	120	5824.940	5725 to 5850	Pass	
N40	MIMO	5755	20	102	5754.840	5725 to 5850	Pass
				120	5754.920	5725 to 5850	Pass
				138	5754.880	5725 to 5850	Pass
			-30	120	5754.880	5725 to 5850	Pass
			-20	120	5754.880	5725 to 5850	Pass
			-10	120	5754.880	5725 to 5850	Pass
			0	120	5754.880	5725 to 5850	Pass
			10	120	5754.960	5725 to 5850	Pass
			30	120	5754.880	5725 to 5850	Pass
			40	120	5754.960	5725 to 5850	Pass
		50	120	5754.920	5725 to 5850	Pass	
		5795	20	102	5794.920	5725 to 5850	Pass
				120	5794.920	5725 to 5850	Pass
				138	5794.920	5725 to 5850	Pass
			-30	120	5794.920	5725 to 5850	Pass
			-20	120	5794.880	5725 to 5850	Pass
			-10	120	5794.960	5725 to 5850	Pass
			0	120	5794.880	5725 to 5850	Pass
			10	120	5794.920	5725 to 5850	Pass
			30	120	5794.920	5725 to 5850	Pass
40	120		5794.920	5725 to 5850	Pass		
50	120	5794.920	5725 to 5850	Pass			
AC80	MIMO	5775	20	102	5775.000	5725 to 5850	Pass
				120	5774.850	5725 to 5850	Pass
				138	5774.925	5725 to 5850	Pass
			-30	120	5774.850	5725 to 5850	Pass
			-20	120	5774.925	5725 to 5850	Pass
			-10	120	5775.000	5725 to 5850	Pass

			0	120	5775.000	5725 to 5850	Pass
			10	120	5775.000	5725 to 5850	Pass
			30	120	5775.000	5725 to 5850	Pass
			40	120	5774.850	5725 to 5850	Pass
			50	120	5775.000	5725 to 5850	Pass

ANT2

Ant2							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	MIMO	5180	20	102	5179.980	5150 to 5250	Pass
				120	5179.940	5150 to 5250	Pass
				138	5179.920	5150 to 5250	Pass
			-30	120	5179.940	5150 to 5250	Pass
			-20	120	5179.920	5150 to 5250	Pass
			-10	120	5179.900	5150 to 5250	Pass
			0	120	5179.960	5150 to 5250	Pass
			10	120	5179.920	5150 to 5250	Pass
			30	120	5179.960	5150 to 5250	Pass
			40	120	5179.960	5150 to 5250	Pass
			50	120	5179.940	5150 to 5250	Pass
		5200	20	102	5199.980	5150 to 5250	Pass
				120	5199.960	5150 to 5250	Pass
				138	5199.940	5150 to 5250	Pass
			-30	120	5199.960	5150 to 5250	Pass
			-20	120	5199.960	5150 to 5250	Pass
			-10	120	5199.940	5150 to 5250	Pass
			0	120	5199.980	5150 to 5250	Pass
			10	120	5199.940	5150 to 5250	Pass
			30	120	5199.980	5150 to 5250	Pass
			40	120	5199.980	5150 to 5250	Pass
			50	120	5199.980	5150 to 5250	Pass
		5240	20	102	5239.980	5150 to 5250	Pass
				120	5239.940	5150 to 5250	Pass
				138	5239.880	5150 to 5250	Pass
			-30	120	5239.900	5150 to 5250	Pass
			-20	120	5239.920	5150 to 5250	Pass
			-10	120	5239.920	5150 to 5250	Pass
			0	120	5239.920	5150 to 5250	Pass
			10	120	5239.960	5150 to 5250	Pass
			30	120	5239.980	5150 to 5250	Pass
			40	120	5239.940	5150 to 5250	Pass

			50	120	5239.960	5150 to 5250	Pass
802.11n (HT20)	MIMO	5180	20	102	5179.960	5150 to 5250	Pass
				120	5179.940	5150 to 5250	Pass
				138	5179.960	5150 to 5250	Pass
			-30	120	5180.000	5150 to 5250	Pass
			-20	120	5179.980	5150 to 5250	Pass
			-10	120	5179.940	5150 to 5250	Pass
			0	120	5179.920	5150 to 5250	Pass
			10	120	5179.960	5150 to 5250	Pass
			30	120	5179.940	5150 to 5250	Pass
			40	120	5179.980	5150 to 5250	Pass
			50	120	5179.960	5150 to 5250	Pass
		5200	20	102	5199.940	5150 to 5250	Pass
				120	5199.980	5150 to 5250	Pass
				138	5199.980	5150 to 5250	Pass
			-30	120	5199.960	5150 to 5250	Pass
			-20	120	5199.940	5150 to 5250	Pass
			-10	120	5199.960	5150 to 5250	Pass
			0	120	5199.920	5150 to 5250	Pass
			10	120	5200.000	5150 to 5250	Pass
			30	120	5199.960	5150 to 5250	Pass
			40	120	5199.920	5150 to 5250	Pass
			50	120	5200.000	5150 to 5250	Pass
		5240	20	102	5239.980	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5239.960	5150 to 5250	Pass
			-30	120	5239.940	5150 to 5250	Pass
			-20	120	5239.960	5150 to 5250	Pass
			-10	120	5239.980	5150 to 5250	Pass
			0	120	5239.980	5150 to 5250	Pass
			10	120	5239.940	5150 to 5250	Pass
			30	120	5239.920	5150 to 5250	Pass
			40	120	5239.960	5150 to 5250	Pass
			50	120	5239.980	5150 to 5250	Pass
802.11n (HT40)	MIMO	5190	20	102	5189.920	5150 to 5250	Pass
				120	5189.960	5150 to 5250	Pass
				138	5189.960	5150 to 5250	Pass
			-30	120	5189.920	5150 to 5250	Pass
			-20	120	5189.920	5150 to 5250	Pass
			-10	120	5189.920	5150 to 5250	Pass
			0	120	5189.920	5150 to 5250	Pass

			10	120	5189.920	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5189.960	5150 to 5250	Pass
			50	120	5189.920	5150 to 5250	Pass
		5230	20	102	5229.960	5150 to 5250	Pass
				120	5229.920	5150 to 5250	Pass
				138	5230.000	5150 to 5250	Pass
			-30	120	5229.960	5150 to 5250	Pass
			-20	120	5229.960	5150 to 5250	Pass
			-10	120	5229.920	5150 to 5250	Pass
			0	120	5229.960	5150 to 5250	Pass
			10	120	5229.960	5150 to 5250	Pass
			30	120	5229.960	5150 to 5250	Pass
			40	120	5229.960	5150 to 5250	Pass
			50	120	5229.920	5150 to 5250	Pass
802.11ac (VHT80)	MIMO	5210	20	102	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
				138	5209.925	5150 to 5250	Pass
			-30	120	5210.075	5150 to 5250	Pass
			-20	120	5210.000	5150 to 5250	Pass
			-10	120	5210.075	5150 to 5250	Pass
			0	120	5210.000	5150 to 5250	Pass
			10	120	5210.000	5150 to 5250	Pass
			30	120	5210.000	5150 to 5250	Pass
			40	120	5210.000	5150 to 5250	Pass
			50	120	5210.000	5150 to 5250	Pass

Ant2							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
11A	MIMO	5745	20	102	5744.920	5725 to 5850	Pass
				120	5744.880	5725 to 5850	Pass
				138	5744.940	5725 to 5850	Pass
			-30	120	5744.900	5725 to 5850	Pass
			-20	120	5744.860	5725 to 5850	Pass
			-10	120	5744.860	5725 to 5850	Pass
			0	120	5744.860	5725 to 5850	Pass
			10	120	5744.880	5725 to 5850	Pass
			30	120	5744.880	5725 to 5850	Pass
			40	120	5744.860	5725 to 5850	Pass
			50	120	5744.860	5725 to 5850	Pass

		5785	20	102	5784.940	5725 to 5850	Pass
				120	5784.940	5725 to 5850	Pass
				138	5784.900	5725 to 5850	Pass
			-30	120	5784.940	5725 to 5850	Pass
			-20	120	5784.960	5725 to 5850	Pass
			-10	120	5784.900	5725 to 5850	Pass
			0	120	5784.960	5725 to 5850	Pass
			10	120	5784.900	5725 to 5850	Pass
			30	120	5784.900	5725 to 5850	Pass
			40	120	5784.900	5725 to 5850	Pass
		50	120	5784.900	5725 to 5850	Pass	
		5825	20	102	5824.920	5725 to 5850	Pass
				120	5824.940	5725 to 5850	Pass
				138	5824.920	5725 to 5850	Pass
			-30	120	5824.900	5725 to 5850	Pass
			-20	120	5824.920	5725 to 5850	Pass
			-10	120	5824.860	5725 to 5850	Pass
			0	120	5824.860	5725 to 5850	Pass
			10	120	5824.900	5725 to 5850	Pass
			30	120	5824.900	5725 to 5850	Pass
40	120		5824.940	5725 to 5850	Pass		
50	120	5824.900	5725 to 5850	Pass			
N20	MIMO	5745	20	102	5744.920	5725 to 5850	Pass
				120	5744.900	5725 to 5850	Pass
				138	5744.920	5725 to 5850	Pass
			-30	120	5744.920	5725 to 5850	Pass
			-20	120	5744.920	5725 to 5850	Pass
			-10	120	5744.920	5725 to 5850	Pass
			0	120	5744.920	5725 to 5850	Pass
			10	120	5744.880	5725 to 5850	Pass
			30	120	5744.920	5725 to 5850	Pass
			40	120	5744.920	5725 to 5850	Pass
		50	120	5744.940	5725 to 5850	Pass	
		5785	20	102	5784.920	5725 to 5850	Pass
				120	5784.920	5725 to 5850	Pass
				138	5784.940	5725 to 5850	Pass
			-30	120	5784.920	5725 to 5850	Pass
			-20	120	5784.960	5725 to 5850	Pass
			-10	120	5784.960	5725 to 5850	Pass
			0	120	5784.960	5725 to 5850	Pass
			10	120	5784.980	5725 to 5850	Pass

			30	120	5784.960	5725 to 5850	Pass
			40	120	5784.920	5725 to 5850	Pass
			50	120	5784.980	5725 to 5850	Pass
		5825	20	102	5824.920	5725 to 5850	Pass
				120	5824.940	5725 to 5850	Pass
				138	5824.920	5725 to 5850	Pass
			-30	120	5824.880	5725 to 5850	Pass
			-20	120	5824.920	5725 to 5850	Pass
			-10	120	5824.920	5725 to 5850	Pass
			0	120	5824.920	5725 to 5850	Pass
			10	120	5824.920	5725 to 5850	Pass
			30	120	5824.940	5725 to 5850	Pass
			40	120	5824.900	5725 to 5850	Pass
			50	120	5824.920	5725 to 5850	Pass
			N40	MIMO	5755	20	102
120	5754.880	5725 to 5850					Pass
138	5754.960	5725 to 5850					Pass
-30	120	5754.920				5725 to 5850	Pass
-20	120	5754.880				5725 to 5850	Pass
-10	120	5754.880				5725 to 5850	Pass
0	120	5754.920				5725 to 5850	Pass
10	120	5754.920				5725 to 5850	Pass
30	120	5754.880				5725 to 5850	Pass
40	120	5754.840				5725 to 5850	Pass
50	120	5754.920				5725 to 5850	Pass
5795	20	102				5794.920	5725 to 5850
		120			5794.920	5725 to 5850	Pass
		138			5794.960	5725 to 5850	Pass
	-30	120			5794.880	5725 to 5850	Pass
	-20	120			5794.960	5725 to 5850	Pass
	-10	120			5794.920	5725 to 5850	Pass
	0	120			5794.880	5725 to 5850	Pass
	10	120			5794.880	5725 to 5850	Pass
	30	120			5794.920	5725 to 5850	Pass
AC80	MIMO	5775			20	102	5774.850
			120	5774.850		5725 to 5850	Pass
			138	5775.000		5725 to 5850	Pass
			-30	120	5774.925	5725 to 5850	Pass
			-20	120	5774.925	5725 to 5850	Pass

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			-10	120	5775.000	5725 to 5850	Pass
			0	120	5775.000	5725 to 5850	Pass
			10	120	5774.925	5725 to 5850	Pass
			30	120	5774.925	5725 to 5850	Pass
			40	120	5774.925	5725 to 5850	Pass
			50	120	5774.775	5725 to 5850	Pass

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

******* END OF REPORT *******