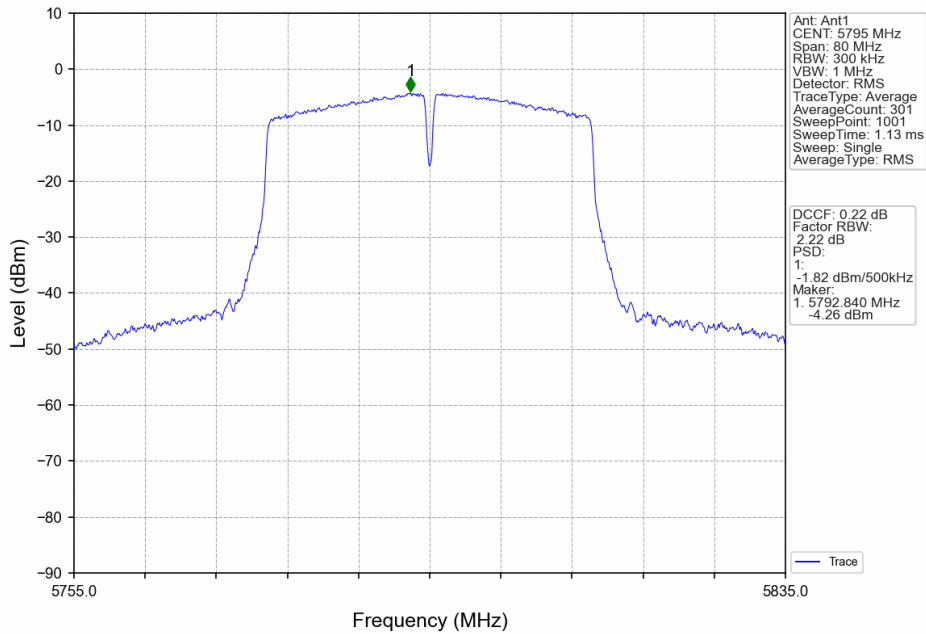
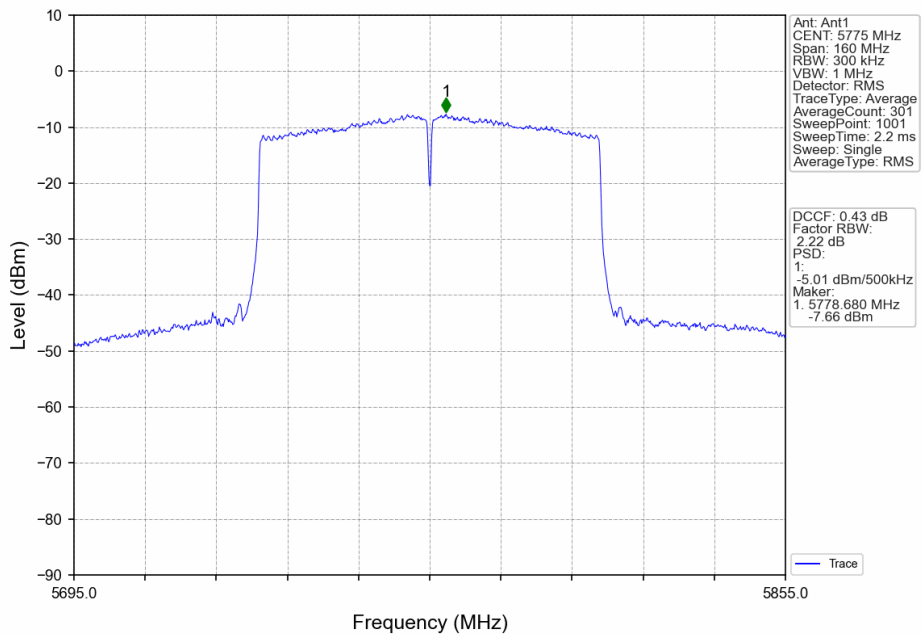


802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Ant1			Verdict		
				Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)			
802.11a	SISO	5180	20	102	5179.980	5150 to 5250	Pass		
				120	5180.020	5150 to 5250	Pass		
				138	5179.960	5150 to 5250	Pass		
			5200	-30	120	5180.060	5150 to 5250	Pass	
					-20	120	5179.980	5150 to 5250	Pass
						-10	120	5179.980	5150 to 5250
				0			120	5180.060	5150 to 5250
					10		120	5179.980	5150 to 5250
						30	120	5180.020	5150 to 5250
		40		120			5180.040	5150 to 5250	Pass
				50	120		5180.060	5150 to 5250	Pass
					5240	20	102	5199.980	5150 to 5250
		120	5200.020				5150 to 5250	Pass	
		138	5199.980	5150 to 5250			Pass		
		5240	-30	120		5200.020	5150 to 5250	Pass	
				-20		120	5199.940	5150 to 5250	Pass
						-10	120	5199.960	5150 to 5250
			0				120	5200.060	5150 to 5250
				10			120	5200.040	5150 to 5250
						30	120	5199.960	5150 to 5250
			40		120		5199.920	5150 to 5250	Pass
				50	120		5199.980	5150 to 5250	Pass
					5745	20	102	5240.020	5150 to 5250
		120	5240.020				5150 to 5250	Pass	
		138	5239.960	5150 to 5250			Pass		
		5745	-30	120		5239.980	5150 to 5250	Pass	
				-20		120	5239.980	5150 to 5250	Pass
						-10	120	5239.980	5150 to 5250
			0				120	5240.000	5150 to 5250
				10			120	5240.020	5150 to 5250
						30	120	5239.900	5150 to 5250
			40		120		5240.060	5150 to 5250	Pass
				50	120		5239.940	5150 to 5250	Pass
					5745	20	102	5744.960	5725 to 5850
		120	5745.060				5725 to 5850	Pass	
		138	5744.980	5725 to 5850			Pass		
		5745	-30	120		5745.020	5725 to 5850	Pass	
				-20		120	5745.000	5725 to 5850	Pass
						-10	120	5744.940	5725 to 5850
			0				120	5744.960	5725 to 5850
				10			120	5745.000	5725 to 5850

			30	120	5744.980	5725 to 5850	Pass
			40	120	5745.020	5725 to 5850	Pass
			50	120	5745.000	5725 to 5850	Pass
		5785	20	102	5784.960	5725 to 5850	Pass
				120	5785.040	5725 to 5850	Pass
				138	5784.980	5725 to 5850	Pass
			-30	120	5784.980	5725 to 5850	Pass
			-20	120	5784.940	5725 to 5850	Pass
			-10	120	5784.960	5725 to 5850	Pass
			0	120	5784.980	5725 to 5850	Pass
			10	120	5785.020	5725 to 5850	Pass
			30	120	5784.980	5725 to 5850	Pass
			40	120	5784.960	5725 to 5850	Pass
			50	120	5785.000	5725 to 5850	Pass
		5825	20	102	5824.980	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				138	5825.020	5725 to 5850	Pass
			-30	120	5825.060	5725 to 5850	Pass
			-20	120	5824.980	5725 to 5850	Pass
			-10	120	5824.980	5725 to 5850	Pass
			0	120	5824.980	5725 to 5850	Pass
			10	120	5825.080	5725 to 5850	Pass
			30	120	5824.960	5725 to 5850	Pass
			40	120	5824.960	5725 to 5850	Pass
50	120		5825.040	5725 to 5850	Pass		
802.11n (HT20)	SISO	5180	20	102	5179.940	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5179.940	5150 to 5250	Pass
			-20	120	5179.980	5150 to 5250	Pass
			-10	120	5179.920	5150 to 5250	Pass
			0	120	5179.980	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5180.000	5150 to 5250	Pass
			40	120	5179.960	5150 to 5250	Pass
			50	120	5179.960	5150 to 5250	Pass
		5200	20	102	5199.940	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5200.000	5150 to 5250	Pass
			-30	120	5199.940	5150 to 5250	Pass
			-20	120	5200.000	5150 to 5250	Pass
			-10	120	5200.020	5150 to 5250	Pass
			0	120	5199.920	5150 to 5250	Pass
			10	120	5199.980	5150 to 5250	Pass
			30	120	5199.940	5150 to 5250	Pass
			40	120	5200.060	5150 to 5250	Pass
			50	120	5199.940	5150 to 5250	Pass
		5240	20	102	5240.000	5150 to 5250	Pass
				120	5239.920	5150 to 5250	Pass
138	5240.040			5150 to 5250	Pass		
-30	120		5239.980	5150 to 5250	Pass		
-20	120		5240.040	5150 to 5250	Pass		
-10	120		5240.000	5150 to 5250	Pass		

			0	120	5240.020	5150 to 5250	Pass		
			10	120	5239.940	5150 to 5250	Pass		
			30	120	5239.980	5150 to 5250	Pass		
			40	120	5240.020	5150 to 5250	Pass		
			50	120	5240.040	5150 to 5250	Pass		
		5745	20	102	5744.980	5725 to 5850	Pass		
				120	5744.940	5725 to 5850	Pass		
				138	5745.000	5725 to 5850	Pass		
			-30	120	5745.020	5725 to 5850	Pass		
			-20	120	5744.980	5725 to 5850	Pass		
			-10	120	5745.020	5725 to 5850	Pass		
			0	120	5744.980	5725 to 5850	Pass		
			10	120	5744.980	5725 to 5850	Pass		
			30	120	5744.980	5725 to 5850	Pass		
			40	120	5744.920	5725 to 5850	Pass		
			50	120	5745.020	5725 to 5850	Pass		
			5785	20	102	5784.980	5725 to 5850	Pass	
		120			5785.040	5725 to 5850	Pass		
		138			5784.900	5725 to 5850	Pass		
		-30		120	5785.040	5725 to 5850	Pass		
		-20		120	5784.960	5725 to 5850	Pass		
		-10		120	5784.980	5725 to 5850	Pass		
		0		120	5784.960	5725 to 5850	Pass		
		10		120	5784.860	5725 to 5850	Pass		
		30		120	5784.980	5725 to 5850	Pass		
		40		120	5784.980	5725 to 5850	Pass		
		50		120	5785.020	5725 to 5850	Pass		
		5825		20	102	5825.020	5725 to 5850	Pass	
			120		5824.980	5725 to 5850	Pass		
			138		5825.000	5725 to 5850	Pass		
			-30	120	5825.000	5725 to 5850	Pass		
			-20	120	5824.920	5725 to 5850	Pass		
			-10	120	5824.980	5725 to 5850	Pass		
			0	120	5824.960	5725 to 5850	Pass		
			10	120	5824.940	5725 to 5850	Pass		
			30	120	5825.000	5725 to 5850	Pass		
			40	120	5824.980	5725 to 5850	Pass		
			50	120	5824.980	5725 to 5850	Pass		
			802.11n (HT40)	SISO	5190	20	102	5190.000	5150 to 5250
		120					5189.920	5150 to 5250	Pass
138	5190.000	5150 to 5250					Pass		
-30	120	5189.960				5150 to 5250	Pass		
-20	120	5190.000				5150 to 5250	Pass		
-10	120	5190.000				5150 to 5250	Pass		
0	120	5190.000				5150 to 5250	Pass		
10	120	5189.960				5150 to 5250	Pass		
30	120	5190.000				5150 to 5250	Pass		
40	120	5190.000				5150 to 5250	Pass		
50	120	5190.000				5150 to 5250	Pass		
5230	20	102				5229.960	5150 to 5250	Pass	
		120			5230.000	5150 to 5250	Pass		
		138			5230.000	5150 to 5250	Pass		
	-30	120			5230.000	5150 to 5250	Pass		

			-20	120	5230.000	5150 to 5250	Pass		
			-10	120	5230.000	5150 to 5250	Pass		
			0	120	5230.000	5150 to 5250	Pass		
			10	120	5230.080	5150 to 5250	Pass		
			30	120	5229.960	5150 to 5250	Pass		
			40	120	5230.000	5150 to 5250	Pass		
		50	120	5230.000	5150 to 5250	Pass			
		5755	20	102	5755.000	5725 to 5850	Pass		
				120	5754.960	5725 to 5850	Pass		
				138	5755.000	5725 to 5850	Pass		
			-30	120	5755.000	5725 to 5850	Pass		
			-20	120	5754.920	5725 to 5850	Pass		
			-10	120	5755.000	5725 to 5850	Pass		
			0	120	5755.000	5725 to 5850	Pass		
			10	120	5755.000	5725 to 5850	Pass		
			30	120	5755.000	5725 to 5850	Pass		
			40	120	5755.000	5725 to 5850	Pass		
			50	120	5755.000	5725 to 5850	Pass		
			5795	20	102	5795.000	5725 to 5850	Pass	
		120			5795.040	5725 to 5850	Pass		
		138			5794.960	5725 to 5850	Pass		
		-30		120	5795.000	5725 to 5850	Pass		
		-20		120	5795.000	5725 to 5850	Pass		
		-10		120	5795.000	5725 to 5850	Pass		
		0		120	5795.000	5725 to 5850	Pass		
		10		120	5795.080	5725 to 5850	Pass		
		30		120	5795.000	5725 to 5850	Pass		
		40		120	5795.000	5725 to 5850	Pass		
		50		120	5795.000	5725 to 5850	Pass		
		802.11ac (VHT20)		SISO	5180	20	102	5179.960	5150 to 5250
			120				5180.060	5150 to 5250	Pass
			138				5180.020	5150 to 5250	Pass
			-30			120	5180.000	5150 to 5250	Pass
			-20			120	5180.040	5150 to 5250	Pass
			-10			120	5179.980	5150 to 5250	Pass
			0			120	5179.960	5150 to 5250	Pass
10	120		5179.960			5150 to 5250	Pass		
30	120		5180.000			5150 to 5250	Pass		
40	120		5180.000			5150 to 5250	Pass		
50	120		5179.980			5150 to 5250	Pass		
5200	20		102			5199.980	5150 to 5250	Pass	
			120		5199.980	5150 to 5250	Pass		
			138		5200.020	5150 to 5250	Pass		
	-30		120		5199.960	5150 to 5250	Pass		
	-20		120		5199.980	5150 to 5250	Pass		
	-10		120		5199.960	5150 to 5250	Pass		
	0		120		5199.960	5150 to 5250	Pass		
	10		120		5200.020	5150 to 5250	Pass		
	30		120		5200.060	5150 to 5250	Pass		
	40		120		5199.980	5150 to 5250	Pass		
	50		120		5200.040	5150 to 5250	Pass		
	5240		20		102	5240.020	5150 to 5250	Pass	
120					5239.980	5150 to 5250	Pass		

				138	5240.060	5150 to 5250	Pass
			-30	120	5240.020	5150 to 5250	Pass
			-20	120	5239.980	5150 to 5250	Pass
			-10	120	5239.980	5150 to 5250	Pass
			0	120	5240.000	5150 to 5250	Pass
			10	120	5239.980	5150 to 5250	Pass
			30	120	5240.040	5150 to 5250	Pass
			40	120	5239.980	5150 to 5250	Pass
		50	120	5240.020	5150 to 5250	Pass	
		5745	20	102	5744.980	5725 to 5850	Pass
				120	5744.900	5725 to 5850	Pass
				138	5744.980	5725 to 5850	Pass
			-30	120	5745.020	5725 to 5850	Pass
			-20	120	5744.960	5725 to 5850	Pass
			-10	120	5744.920	5725 to 5850	Pass
			0	120	5744.960	5725 to 5850	Pass
			10	120	5744.960	5725 to 5850	Pass
			30	120	5744.900	5725 to 5850	Pass
			40	120	5745.020	5725 to 5850	Pass
		50	120	5744.980	5725 to 5850	Pass	
		5785	20	102	5784.980	5725 to 5850	Pass
				120	5785.060	5725 to 5850	Pass
				138	5784.980	5725 to 5850	Pass
			-30	120	5784.980	5725 to 5850	Pass
			-20	120	5784.960	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			0	120	5784.960	5725 to 5850	Pass
			10	120	5784.920	5725 to 5850	Pass
			30	120	5785.000	5725 to 5850	Pass
			40	120	5784.960	5725 to 5850	Pass
		50	120	5784.940	5725 to 5850	Pass	
		5825	20	102	5824.980	5725 to 5850	Pass
				120	5825.060	5725 to 5850	Pass
				138	5824.980	5725 to 5850	Pass
			-30	120	5825.060	5725 to 5850	Pass
			-20	120	5825.000	5725 to 5850	Pass
			-10	120	5824.940	5725 to 5850	Pass
			0	120	5824.980	5725 to 5850	Pass
			10	120	5825.000	5725 to 5850	Pass
			30	120	5825.000	5725 to 5850	Pass
			40	120	5824.960	5725 to 5850	Pass
		50	120	5824.980	5725 to 5850	Pass	
802.11ac (VHT40)	SISO	5190	20	102	5189.960	5150 to 5250	Pass
				120	5190.000	5150 to 5250	Pass
				138	5190.000	5150 to 5250	Pass
			-30	120	5190.000	5150 to 5250	Pass
			-20	120	5190.000	5150 to 5250	Pass
			-10	120	5190.000	5150 to 5250	Pass
			0	120	5190.000	5150 to 5250	Pass
			10	120	5190.000	5150 to 5250	Pass
			30	120	5189.960	5150 to 5250	Pass
			40	120	5190.000	5150 to 5250	Pass
50	120	5190.000	5150 to 5250	Pass			

		5230	20	102	5230.000	5150 to 5250	Pass		
				120	5230.000	5150 to 5250	Pass		
				138	5229.960	5150 to 5250	Pass		
			-30	120	5230.000	5150 to 5250	Pass		
			-20	120	5230.000	5150 to 5250	Pass		
			-10	120	5230.000	5150 to 5250	Pass		
			0	120	5230.000	5150 to 5250	Pass		
			10	120	5230.000	5150 to 5250	Pass		
			30	120	5230.000	5150 to 5250	Pass		
		40	120	5229.960	5150 to 5250	Pass			
		50	120	5230.000	5150 to 5250	Pass			
		5755	20	102	5755.000	5725 to 5850	Pass		
				120	5754.960	5725 to 5850	Pass		
				138	5755.000	5725 to 5850	Pass		
			-30	120	5755.080	5725 to 5850	Pass		
			-20	120	5755.000	5725 to 5850	Pass		
			-10	120	5755.000	5725 to 5850	Pass		
			0	120	5755.000	5725 to 5850	Pass		
			10	120	5755.000	5725 to 5850	Pass		
			30	120	5755.000	5725 to 5850	Pass		
		40	120	5755.000	5725 to 5850	Pass			
		50	120	5755.000	5725 to 5850	Pass			
		5795	20	102	5795.000	5725 to 5850	Pass		
				120	5795.000	5725 to 5850	Pass		
				138	5795.000	5725 to 5850	Pass		
			-30	120	5795.000	5725 to 5850	Pass		
			-20	120	5795.000	5725 to 5850	Pass		
			-10	120	5795.000	5725 to 5850	Pass		
			0	120	5795.000	5725 to 5850	Pass		
			10	120	5795.000	5725 to 5850	Pass		
			30	120	5794.960	5725 to 5850	Pass		
		40	120	5794.960	5725 to 5850	Pass			
		50	120	5795.000	5725 to 5850	Pass			
		802.11ac (VHT80)	SISO	5210	20	102	5210.000	5150 to 5250	Pass
						120	5210.000	5150 to 5250	Pass
						138	5210.000	5150 to 5250	Pass
-30	120				5210.000	5150 to 5250	Pass		
-20	120				5210.000	5150 to 5250	Pass		
-10	120				5210.000	5150 to 5250	Pass		
0	120				5210.000	5150 to 5250	Pass		
10	120				5210.000	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			
5775	20			102	5775.000	5725 to 5850	Pass		
				120	5775.000	5725 to 5850	Pass		
				138	5775.000	5725 to 5850	Pass		
	-30			120	5775.000	5725 to 5850	Pass		
	-20			120	5775.000	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	5775.000	5725 to 5850	Pass
			50	120	5775.000	5725 to 5850	Pass

6. Form731

6.1 Form731

6.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5180	5240	0.0246	13.91
5745	5825	0.0286	14.56
5190	5230	0.0246	13.91
5755	5795	0.0285	14.55
5210	5210	0.0248	13.95



Test Report Number: BTF230801R00203



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-- END OF REPORT --