



















5. Frequency Stability

5.1 Ant0

5.1.1 Test Result

Ant0								
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict	
1.4MHz	MIMO	5728.5	20	3.06	5728.547	5725 to 5850	Pass	
				3.60	5728.545	5725 to 5850	Pass	
				4.14	5728.548	5725 to 5850	Pass	
			-10	3.60	5728.544	5725 to 5850	Pass	
				-5	3.60	5728.546	5725 to 5850	Pass
				0	3.60	5728.541	5725 to 5850	Pass
			5	3.60	5728.541	5725 to 5850	Pass	
				10	3.60	5728.545	5725 to 5850	Pass
				20	3.60	5728.548	5725 to 5850	Pass
		30	3.60	5728.547	5725 to 5850	Pass		
			40	3.60	5728.546	5725 to 5850	Pass	
			5786.5	20	3.06	5786.542	5725 to 5850	Pass
		3.60			5786.544	5725 to 5850	Pass	
		4.14			5786.544	5725 to 5850	Pass	
		-10	3.60	5786.544	5725 to 5850	Pass		
			-5	3.60	5786.542	5725 to 5850	Pass	
			0	3.60	5786.543	5725 to 5850	Pass	
		5	3.60	5786.541	5725 to 5850	Pass		
			10	3.60	5786.546	5725 to 5850	Pass	
			20	3.60	5786.542	5725 to 5850	Pass	
		30	3.60	5786.544	5725 to 5850	Pass		
			40	3.60	5786.544	5725 to 5850	Pass	
			5846.12	20	3.06	5846.175	5725 to 5850	Pass
		3.60			5846.179	5725 to 5850	Pass	
		4.14			5846.182	5725 to 5850	Pass	
		-10	3.60	5846.179	5725 to 5850	Pass		
			-5	3.60	5846.182	5725 to 5850	Pass	
0	3.60		5846.183	5725 to 5850	Pass			
5	3.60	5846.178	5725 to 5850	Pass				



			10	3.60	5846.171	5725 to 5850	Pass		
			20	3.60	5846.174	5725 to 5850	Pass		
			30	3.60	5846.178	5725 to 5850	Pass		
			40	3.60	5846.182	5725 to 5850	Pass		
3MHz	MIMO	5727.5	20	3.06	5727.509	5725 to 5850	Pass		
				3.60	5727.494	5725 to 5850	Pass		
				4.14	5727.506	5725 to 5850	Pass		
			-10	3.60	5727.509	5725 to 5850	Pass		
			-5	3.60	5727.515	5725 to 5850	Pass		
			0	3.60	5727.512	5725 to 5850	Pass		
			5	3.60	5727.521	5725 to 5850	Pass		
			10	3.60	5727.521	5725 to 5850	Pass		
			20	3.60	5727.515	5725 to 5850	Pass		
			30	3.60	5727.509	5725 to 5850	Pass		
			40	3.60	5727.494	5725 to 5850	Pass		
			5784.5	20	3.06	5784.500	5725 to 5850	Pass	
		3.60			5784.509	5725 to 5850	Pass		
		4.14			5784.521	5725 to 5850	Pass		
		-10		3.60	5784.509	5725 to 5850	Pass		
		-5		3.60	5784.518	5725 to 5850	Pass		
		0		3.60	5784.503	5725 to 5850	Pass		
		5		3.60	5784.521	5725 to 5850	Pass		
		10		3.60	5784.506	5725 to 5850	Pass		
		20		3.60	5784.497	5725 to 5850	Pass		
		30		3.60	5784.497	5725 to 5850	Pass		
		40		3.60	5784.506	5725 to 5850	Pass		
		5847.2		20	3.06	5847.191	5725 to 5850	Pass	
			3.60		5847.212	5725 to 5850	Pass		
			4.14		5847.215	5725 to 5850	Pass		
			-10	3.60	5847.218	5725 to 5850	Pass		
			-5	3.60	5847.230	5725 to 5850	Pass		
			0	3.60	5847.218	5725 to 5850	Pass		
			5	3.60	5847.209	5725 to 5850	Pass		
			10	3.60	5847.203	5725 to 5850	Pass		
			20	3.60	5847.197	5725 to 5850	Pass		
			30	3.60	5847.206	5725 to 5850	Pass		
			40	3.60	5847.194	5725 to 5850	Pass		
			5MHz	MIMO	5732.5	20	3.06	5732.575	5725 to 5850
		3.60					5732.575	5725 to 5850	Pass



		5732.5		4.14	5732.565	5725 to 5850	Pass
			-10	3.60	5732.580	5725 to 5850	Pass
			-5	3.60	5732.580	5725 to 5850	Pass
			0	3.60	5732.570	5725 to 5850	Pass
			5	3.60	5732.580	5725 to 5850	Pass
			10	3.60	5732.550	5725 to 5850	Pass
			20	3.60	5732.565	5725 to 5850	Pass
			30	3.60	5732.565	5725 to 5850	Pass
			40	3.60	5732.580	5725 to 5850	Pass
			5782.5	20	3.06	5782.565	5725 to 5850
		3.60			5782.545	5725 to 5850	Pass
		4.14			5782.575	5725 to 5850	Pass
		-10		3.60	5782.585	5725 to 5850	Pass
		-5		3.60	5782.580	5725 to 5850	Pass
		0		3.60	5782.570	5725 to 5850	Pass
		5		3.60	5782.540	5725 to 5850	Pass
		10		3.60	5782.555	5725 to 5850	Pass
		20		3.60	5782.535	5725 to 5850	Pass
		30		3.60	5782.570	5725 to 5850	Pass
		40	3.60	5782.575	5725 to 5850	Pass	
		5842.5	20	3.06	5842.570	5725 to 5850	Pass
				3.60	5842.575	5725 to 5850	Pass
				4.14	5842.565	5725 to 5850	Pass
			-10	3.60	5842.565	5725 to 5850	Pass
			-5	3.60	5842.565	5725 to 5850	Pass
			0	3.60	5842.565	5725 to 5850	Pass
			5	3.60	5842.575	5725 to 5850	Pass
			10	3.60	5842.550	5725 to 5850	Pass
			20	3.60	5842.555	5725 to 5850	Pass
			30	3.60	5842.575	5725 to 5850	Pass
		40	3.60	5842.580	5725 to 5850	Pass	
		10MHz	MIMO	5730.5	20	3.06	5730.550
3.60	5730.540					5725 to 5850	Pass
4.14	5730.530					5725 to 5850	Pass
-10	3.60				5730.520	5725 to 5850	Pass
-5	3.60				5730.560	5725 to 5850	Pass
0	3.60				5730.510	5725 to 5850	Pass
5	3.60				5730.570	5725 to 5850	Pass
10	3.60	5730.540	5725 to 5850	Pass			



		5787.5	20	3.60	5730.550	5725 to 5850	Pass
			30	3.60	5730.540	5725 to 5850	Pass
			40	3.60	5730.530	5725 to 5850	Pass
			20	3.06	5787.550	5725 to 5850	Pass
				3.60	5787.550	5725 to 5850	Pass
				4.14	5787.540	5725 to 5850	Pass
			-10	3.60	5787.550	5725 to 5850	Pass
			-5	3.60	5787.550	5725 to 5850	Pass
			0	3.60	5787.530	5725 to 5850	Pass
		5	3.60	5787.550	5725 to 5850	Pass	
		10	3.60	5787.550	5725 to 5850	Pass	
		20	3.60	5787.550	5725 to 5850	Pass	
		30	3.60	5787.540	5725 to 5850	Pass	
		40	3.60	5787.530	5725 to 5850	Pass	
		5844.5	20	3.06	5844.530	5725 to 5850	Pass
				3.60	5844.530	5725 to 5850	Pass
				4.14	5844.530	5725 to 5850	Pass
			-10	3.60	5844.540	5725 to 5850	Pass
			-5	3.60	5844.530	5725 to 5850	Pass
			0	3.60	5844.520	5725 to 5850	Pass
			5	3.60	5844.520	5725 to 5850	Pass
			10	3.60	5844.530	5725 to 5850	Pass
			20	3.60	5844.530	5725 to 5850	Pass
		30	3.60	5844.530	5725 to 5850	Pass	
40	3.60	5844.520	5725 to 5850	Pass			
20MHz	MIMO	5735.5	20	3.06	5735.540	5725 to 5850	Pass
				3.60	5735.520	5725 to 5850	Pass
				4.14	5735.540	5725 to 5850	Pass
			-10	3.60	5735.520	5725 to 5850	Pass
			-5	3.60	5735.520	5725 to 5850	Pass
			0	3.60	5735.540	5725 to 5850	Pass
			5	3.60	5735.600	5725 to 5850	Pass
			10	3.60	5735.520	5725 to 5850	Pass
			20	3.60	5735.520	5725 to 5850	Pass
		30	3.60	5735.580	5725 to 5850	Pass	
		40	3.60	5735.580	5725 to 5850	Pass	
		5787.5	20	3.06	5787.600	5725 to 5850	Pass
3.60	5787.580			5725 to 5850	Pass		
4.14	5787.540			5725 to 5850	Pass		



			-10	3.60	5787.540	5725 to 5850	Pass
			-5	3.60	5787.540	5725 to 5850	Pass
			0	3.60	5787.600	5725 to 5850	Pass
			5	3.60	5787.520	5725 to 5850	Pass
			10	3.60	5787.600	5725 to 5850	Pass
			20	3.60	5787.560	5725 to 5850	Pass
			30	3.60	5787.600	5725 to 5850	Pass
			40	3.60	5787.600	5725 to 5850	Pass
		5839.5	20	3.06	5839.520	5725 to 5850	Pass
				3.60	5839.560	5725 to 5850	Pass
				4.14	5839.560	5725 to 5850	Pass
			-10	3.60	5839.520	5725 to 5850	Pass
			-5	3.60	5839.520	5725 to 5850	Pass
			0	3.60	5839.520	5725 to 5850	Pass
			5	3.60	5839.600	5725 to 5850	Pass
			10	3.60	5839.520	5725 to 5850	Pass
			20	3.60	5839.560	5725 to 5850	Pass
			30	3.60	5839.520	5725 to 5850	Pass
			40	3.60	5839.520	5725 to 5850	Pass
			40MHz	MIMO	5745.5	20	3.06
3.60	5745.580	5725 to 5850					Pass
4.14	5745.540	5725 to 5850					Pass
-10	3.60	5745.580				5725 to 5850	Pass
-5	3.60	5745.620				5725 to 5850	Pass
0	3.60	5745.580				5725 to 5850	Pass
5	3.60	5745.580				5725 to 5850	Pass
10	3.60	5745.580				5725 to 5850	Pass
20	3.60	5745.620			5725 to 5850	Pass	
30	3.60	5745.620			5725 to 5850	Pass	
40	3.60	5745.580			5725 to 5850	Pass	
5787.5	20	3.06			5787.580	5725 to 5850	Pass
		3.60	5787.580	5725 to 5850	Pass		
		4.14	5787.580	5725 to 5850	Pass		
	-10	3.60	5787.540	5725 to 5850	Pass		
	-5	3.60	5787.580	5725 to 5850	Pass		
	0	3.60	5787.620	5725 to 5850	Pass		
	5	3.60	5787.540	5725 to 5850	Pass		
	10	3.60	5787.580	5725 to 5850	Pass		
20	3.60	5787.620	5725 to 5850	Pass			



		5829.5	30	3.60	5787.580	5725 to 5850	Pass
			40	3.60	5787.540	5725 to 5850	Pass
			20	3.06	5829.580	5725 to 5850	Pass
				3.60	5829.580	5725 to 5850	Pass
			4.14	5829.580	5725 to 5850	Pass	
			-10	3.60	5829.620	5725 to 5850	Pass
			-5	3.60	5829.580	5725 to 5850	Pass
			0	3.60	5829.540	5725 to 5850	Pass
			5	3.60	5829.620	5725 to 5850	Pass
			10	3.60	5829.580	5725 to 5850	Pass
			20	3.60	5829.580	5725 to 5850	Pass
			30	3.60	5829.580	5725 to 5850	Pass
			40	3.60	5829.580	5725 to 5850	Pass
			60MHz	MIMO	5755.5	20	3.06
3.60	5755.560	5725 to 5850					Pass
4.14	5755.560	5725 to 5850					Pass
-10	3.60	5755.560				5725 to 5850	Pass
-5	3.60	5755.560				5725 to 5850	Pass
0	3.60	5755.560				5725 to 5850	Pass
5	3.60	5755.560				5725 to 5850	Pass
10	3.60	5755.560				5725 to 5850	Pass
20	3.60	5755.560				5725 to 5850	Pass
30	3.60	5755.560			5725 to 5850	Pass	
40	3.60	5755.560			5725 to 5850	Pass	
5787.5	20	3.06			5787.560	5725 to 5850	Pass
		3.60			5787.560	5725 to 5850	Pass
		4.14			5787.560	5725 to 5850	Pass
	-10	3.60	5787.560	5725 to 5850	Pass		
	-5	3.60	5787.560	5725 to 5850	Pass		
	0	3.60	5787.560	5725 to 5850	Pass		
	5	3.60	5787.560	5725 to 5850	Pass		
	10	3.60	5787.560	5725 to 5850	Pass		
	20	3.60	5787.560	5725 to 5850	Pass		
30	3.60	5787.560	5725 to 5850	Pass			
40	3.60	5787.560	5725 to 5850	Pass			
5819.5	20	3.06	5819.560	5725 to 5850	Pass		
		3.60	5819.560	5725 to 5850	Pass		
		4.14	5819.560	5725 to 5850	Pass		
	-10	3.60	5819.560	5725 to 5850	Pass		



			-5	3.60	5819.560	5725 to 5850	Pass
			0	3.60	5819.560	5725 to 5850	Pass
			5	3.60	5819.560	5725 to 5850	Pass
			10	3.60	5819.560	5725 to 5850	Pass
			20	3.60	5819.560	5725 to 5850	Pass
			30	3.60	5819.560	5725 to 5850	Pass
			40	3.60	5819.560	5725 to 5850	Pass
80MHz	MIMO	5765.5	20	3.06	5765.650	5725 to 5850	Pass
				3.60	5765.575	5725 to 5850	Pass
				4.14	5765.575	5725 to 5850	Pass
			-10	3.60	5765.650	5725 to 5850	Pass
			-5	3.60	5765.650	5725 to 5850	Pass
			0	3.60	5765.650	5725 to 5850	Pass
			5	3.60	5765.650	5725 to 5850	Pass
			10	3.60	5765.650	5725 to 5850	Pass
			20	3.60	5765.650	5725 to 5850	Pass
			30	3.60	5765.575	5725 to 5850	Pass
			40	3.60	5765.650	5725 to 5850	Pass
			5787.5	20	3.06	5787.650	5725 to 5850
		3.60			5787.650	5725 to 5850	Pass
		4.14			5787.650	5725 to 5850	Pass
		-10		3.60	5787.650	5725 to 5850	Pass
		-5		3.60	5787.575	5725 to 5850	Pass
		0		3.60	5787.575	5725 to 5850	Pass
		5		3.60	5787.650	5725 to 5850	Pass
		10		3.60	5787.650	5725 to 5850	Pass
		20		3.60	5787.650	5725 to 5850	Pass
		30		3.60	5787.650	5725 to 5850	Pass
		40		3.60	5787.650	5725 to 5850	Pass
		5809.5		20	3.06	5809.575	5725 to 5850
			3.60		5809.650	5725 to 5850	Pass
			4.14		5809.575	5725 to 5850	Pass
			-10	3.60	5809.650	5725 to 5850	Pass
			-5	3.60	5809.575	5725 to 5850	Pass
			0	3.60	5809.650	5725 to 5850	Pass
			5	3.60	5809.650	5725 to 5850	Pass
			10	3.60	5809.650	5725 to 5850	Pass
			20	3.60	5809.575	5725 to 5850	Pass
			30	3.60	5809.650	5725 to 5850	Pass





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			40	3.60	5809.575	5725 to 5850	Pass
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