

1. Frequency Stability

1.1 B12_1.4MHz

1.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	3.27	-2.317	-0.0033	-2.5 to 2.5	Pass
					3.85	-4.320	-0.0062	-2.5 to 2.5	Pass
					4.43	-5.078	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-6.466	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-5.822	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-5.879	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-5.593	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-5.236	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-4.306	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-4.821	-0.0069	-2.5 to 2.5	Pass
	50	3.85	-4.005	-0.0057	-2.5 to 2.5	Pass			
	707.5	6	0	20	3.27	-3.304	-0.0047	-2.5 to 2.5	Pass
					3.85	-5.736	-0.0081	-2.5 to 2.5	Pass
					4.43	-6.423	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-4.420	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-5.093	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-5.836	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-6.738	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-6.552	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-6.409	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-6.208	-0.0088	-2.5 to 2.5	Pass
	50	3.85	-4.735	-0.0067	-2.5 to 2.5	Pass			
	715.3	6	0	20	3.27	-4.306	-0.0060	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0077	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-4.520	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-4.420	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-3.834	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-3.648	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass
30				3.85	-1.731	-0.0024	-2.5 to 2.5	Pass	
40				3.85	-1.702	-0.0024	-2.5 to 2.5	Pass	
50	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass				
16QAM	699.7	6	0	20	3.27	-3.290	-0.0047	-2.5 to 2.5	Pass
					3.85	-2.847	-0.0041	-2.5 to 2.5	Pass
					4.43	-2.418	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-2.174	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-2.775	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-3.591	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-3.476	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0051	-2.5 to 2.5	Pass
	50	3.85	-3.033	-0.0043	-2.5 to 2.5	Pass			
	707.5	6	0	20	3.27	-4.807	-0.0068	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0055	-2.5 to 2.5	Pass
					4.43	-3.762	-0.0053	-2.5 to 2.5	Pass
-30				3.85	-3.977	-0.0056	-2.5 to 2.5	Pass	
-20	3.85	-3.476	-0.0049	-2.5 to 2.5	Pass				

	715.3	6	0	-10	3.85	-2.275	-0.0032	-2.5 to 2.5	Pass	
				0	3.85	-2.246	-0.0032	-2.5 to 2.5	Pass	
				10	3.85	-2.689	-0.0038	-2.5 to 2.5	Pass	
				30	3.85	-2.460	-0.0035	-2.5 to 2.5	Pass	
				40	3.85	-4.292	-0.0061	-2.5 to 2.5	Pass	
				50	3.85	-3.734	-0.0053	-2.5 to 2.5	Pass	
		715.3	6	0	20	3.27	-1.202	-0.0017	-2.5 to 2.5	Pass
						3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
						4.43	-0.372	-0.0005	-2.5 to 2.5	Pass
					-30	3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
					-20	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
					-10	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
					0	3.85	-0.286	-0.0004	-2.5 to 2.5	Pass
					10	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
					30	3.85	-0.701	-0.0010	-2.5 to 2.5	Pass
					40	3.85	-0.415	-0.0006	-2.5 to 2.5	Pass
					50	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass

1.2 B12_3MHz

1.2.1 Test Result

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	3.27	-3.748	-0.0054	-2.5 to 2.5	Pass
					3.85	-5.293	-0.0076	-2.5 to 2.5	Pass
					4.43	-5.336	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-3.719	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-4.206	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-4.420	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-4.735	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-6.266	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-7.067	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-7.710	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-8.254	-0.0118	-2.5 to 2.5	Pass
				707.5	15	0	20	3.27	-5.922
	3.85	-7.253	-0.0103					-2.5 to 2.5	Pass
	4.43	-9.170	-0.0130					-2.5 to 2.5	Pass
	-30	3.85	-8.426				-0.0119	-2.5 to 2.5	Pass
	-20	3.85	-8.869				-0.0125	-2.5 to 2.5	Pass
	-10	3.85	-8.526				-0.0121	-2.5 to 2.5	Pass
	0	3.85	-9.785				-0.0138	-2.5 to 2.5	Pass
	10	3.85	-10.200				-0.0144	-2.5 to 2.5	Pass
	30	3.85	-11.129				-0.0157	-2.5 to 2.5	Pass
	40	3.85	-11.559				-0.0163	-2.5 to 2.5	Pass
	50	3.85	-12.531				-0.0177	-2.5 to 2.5	Pass
	714.5	15	0				20	3.27	-2.718
				3.85	-4.835	-0.0068		-2.5 to 2.5	Pass
				4.43	-4.992	-0.0070		-2.5 to 2.5	Pass
				-30	3.85	-5.879	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-5.593	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-5.722	-0.0080	-2.5 to 2.5	Pass
30				3.85	-5.422	-0.0076	-2.5 to 2.5	Pass	
40				3.85	-5.393	-0.0075	-2.5 to 2.5	Pass	

16QAM	700.5	15	0	50	3.85	-6.080	-0.0085	-2.5 to 2.5	Pass
				20	3.27	-9.098	-0.0130	-2.5 to 2.5	Pass
					3.85	-9.313	-0.0133	-2.5 to 2.5	Pass
					4.43	-9.642	-0.0138	-2.5 to 2.5	Pass
				-30	3.85	-10.285	-0.0147	-2.5 to 2.5	Pass
				-20	3.85	-11.601	-0.0166	-2.5 to 2.5	Pass
				-10	3.85	-11.158	-0.0159	-2.5 to 2.5	Pass
				0	3.85	-11.759	-0.0168	-2.5 to 2.5	Pass
				10	3.85	-12.946	-0.0185	-2.5 to 2.5	Pass
				30	3.85	-13.332	-0.0190	-2.5 to 2.5	Pass
	40	3.85	-13.547	-0.0193	-2.5 to 2.5	Pass			
	50	3.85	-14.763	-0.0211	-2.5 to 2.5	Pass			
	707.5	15	0	20	3.27	-13.175	-0.0186	-2.5 to 2.5	Pass
					3.85	-13.433	-0.0190	-2.5 to 2.5	Pass
					4.43	-13.461	-0.0190	-2.5 to 2.5	Pass
				-30	3.85	-14.863	-0.0210	-2.5 to 2.5	Pass
				-20	3.85	-15.235	-0.0215	-2.5 to 2.5	Pass
				-10	3.85	-15.364	-0.0217	-2.5 to 2.5	Pass
				0	3.85	-15.221	-0.0215	-2.5 to 2.5	Pass
				10	3.85	-16.208	-0.0229	-2.5 to 2.5	Pass
				30	3.85	-16.193	-0.0229	-2.5 to 2.5	Pass
				40	3.85	-16.794	-0.0237	-2.5 to 2.5	Pass
	50	3.85	-16.565	-0.0234	-2.5 to 2.5	Pass			
	714.5	15	0	20	3.27	-6.423	-0.0090	-2.5 to 2.5	Pass
					3.85	-5.407	-0.0076	-2.5 to 2.5	Pass
					4.43	-5.064	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-6.051	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-6.151	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-5.980	-0.0084	-2.5 to 2.5	Pass
10				3.85	-6.051	-0.0085	-2.5 to 2.5	Pass	
30				3.85	-6.108	-0.0085	-2.5 to 2.5	Pass	
40				3.85	-6.580	-0.0092	-2.5 to 2.5	Pass	
50	3.85	-5.937	-0.0083	-2.5 to 2.5	Pass				

1.3 B12_5MHz

1.3.1 Test Result

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	3.27	-0.558	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.548	-0.0051	-2.5 to 2.5	Pass
					4.43	-4.034	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-3.862	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-4.177	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-3.576	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-4.621	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-3.090	-0.0044	-2.5 to 2.5	Pass
	50	3.85	-3.033	-0.0043	-2.5 to 2.5	Pass			
	707.5	25	0	20	3.27	-5.765	-0.0081	-2.5 to 2.5	Pass
					3.85	-7.453	-0.0105	-2.5 to 2.5	Pass
					4.43	-7.610	-0.0108	-2.5 to 2.5	Pass
-30				3.85	-6.022	-0.0085	-2.5 to 2.5	Pass	

				-20	3.85	-5.708	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-5.751	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-7.010	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-7.367	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-6.123	-0.0087	-2.5 to 2.5	Pass
	50	3.85	-6.623	-0.0094	-2.5 to 2.5	Pass			
	713.5	25	0	20	3.27	-4.134	-0.0058	-2.5 to 2.5	Pass
					3.85	-7.124	-0.0100	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-6.695	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-5.836	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-3.290	-0.0046	-2.5 to 2.5	Pass
		0	3.85	-6.337	-0.0089	-2.5 to 2.5	Pass		
		10	3.85	-5.980	-0.0084	-2.5 to 2.5	Pass		
		30	3.85	-6.995	-0.0098	-2.5 to 2.5	Pass		
		40	3.85	-6.037	-0.0085	-2.5 to 2.5	Pass		
		50	3.85	-5.593	-0.0078	-2.5 to 2.5	Pass		
16QAM		701.5	25	0	20	3.27	-3.176	-0.0045	-2.5 to 2.5
	3.85					-2.103	-0.0030	-2.5 to 2.5	Pass
	4.43					-1.702	-0.0024	-2.5 to 2.5	Pass
	-30				3.85	-1.545	-0.0022	-2.5 to 2.5	Pass
	-20				3.85	-1.688	-0.0024	-2.5 to 2.5	Pass
	-10				3.85	-2.747	-0.0039	-2.5 to 2.5	Pass
	0				3.85	-2.031	-0.0029	-2.5 to 2.5	Pass
	10				3.85	-2.060	-0.0029	-2.5 to 2.5	Pass
	30				3.85	-2.346	-0.0033	-2.5 to 2.5	Pass
	40	3.85	-3.004	-0.0043	-2.5 to 2.5	Pass			
	50	3.85	-2.847	-0.0041	-2.5 to 2.5	Pass			
	707.5	25	0	20	3.27	-4.449	-0.0063	-2.5 to 2.5	Pass
					3.85	-5.050	-0.0071	-2.5 to 2.5	Pass
					4.43	-6.480	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-6.623	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-3.562	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-5.436	-0.0077	-2.5 to 2.5	Pass
10				3.85	-6.108	-0.0086	-2.5 to 2.5	Pass	
30				3.85	-6.695	-0.0095	-2.5 to 2.5	Pass	
40	3.85	-5.879	-0.0083	-2.5 to 2.5	Pass				
50	3.85	-7.224	-0.0102	-2.5 to 2.5	Pass				
713.5	25	0	20	3.27	-6.280	-0.0088	-2.5 to 2.5	Pass	
				3.85	-6.652	-0.0093	-2.5 to 2.5	Pass	
				4.43	-5.779	-0.0081	-2.5 to 2.5	Pass	
			-30	3.85	-3.247	-0.0046	-2.5 to 2.5	Pass	
			-20	3.85	-4.320	-0.0061	-2.5 to 2.5	Pass	
			-10	3.85	-5.450	-0.0076	-2.5 to 2.5	Pass	
			0	3.85	-6.351	-0.0089	-2.5 to 2.5	Pass	
			10	3.85	-6.638	-0.0093	-2.5 to 2.5	Pass	
			30	3.85	-6.166	-0.0086	-2.5 to 2.5	Pass	
40	3.85	-6.251	-0.0088	-2.5 to 2.5	Pass				
50	3.85	-3.762	-0.0053	-2.5 to 2.5	Pass				

1.4 B12_10MHz

1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.27	-0.372	-0.0005	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0067	-2.5 to 2.5	Pass
					4.43	-4.721	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-6.094	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-5.550	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-4.649	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-5.550	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-5.207	-0.0074	-2.5 to 2.5	Pass
	50	3.85	-2.861	-0.0041	-2.5 to 2.5	Pass			
	707.5	50	0	20	3.27	-5.078	-0.0072	-2.5 to 2.5	Pass
					3.85	-5.107	-0.0072	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-6.123	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-6.280	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-4.392	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-6.523	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-7.682	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-5.193	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-6.080	-0.0086	-2.5 to 2.5	Pass
	50	3.85	-6.609	-0.0093	-2.5 to 2.5	Pass			
	711	50	0	20	3.27	-5.579	-0.0078	-2.5 to 2.5	Pass
					3.85	-6.967	-0.0098	-2.5 to 2.5	Pass
					4.43	-4.749	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-5.951	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-7.582	-0.0107	-2.5 to 2.5	Pass
30				3.85	-7.725	-0.0109	-2.5 to 2.5	Pass	
40				3.85	-6.409	-0.0090	-2.5 to 2.5	Pass	
50	3.85	-6.695	-0.0094	-2.5 to 2.5	Pass				
16QAM	704	50	0	20	3.27	-4.692	-0.0067	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
					4.43	-4.191	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-3.920	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-3.991	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-2.818	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-4.220	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-4.234	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-3.920	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-5.264	-0.0075	-2.5 to 2.5	Pass
	50	3.85	-3.419	-0.0049	-2.5 to 2.5	Pass			
	707.5	50	0	20	3.27	-6.452	-0.0091	-2.5 to 2.5	Pass
					3.85	-5.693	-0.0080	-2.5 to 2.5	Pass
					4.43	-6.094	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-6.008	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-3.862	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-2.432	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.507	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass
	50	3.85	-3.777	-0.0053	-2.5 to 2.5	Pass			
	711	50	0	20	3.27	-6.466	-0.0091	-2.5 to 2.5	Pass
					3.85	-5.579	-0.0078	-2.5 to 2.5	Pass

					4.43	-6.580	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-6.037	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-6.137	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-5.050	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-3.576	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-5.121	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-5.622	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-3.233	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-2.990	-0.0042	-2.5 to 2.5	Pass

2. Frequency Stability

2.1 B17_5MHz

2.1.1 Test Result

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	706.5	25	0	20	3.27	-4.849	-0.0069	-2.5 to 2.5	Pass
					3.85	-6.523	-0.0092	-2.5 to 2.5	Pass
					4.43	-6.094	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-6.738	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-5.264	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-5.608	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-7.739	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-7.753	-0.0110	-2.5 to 2.5	Pass
	40	3.85	-6.351	-0.0090	-2.5 to 2.5	Pass			
	50	3.85	-6.623	-0.0094	-2.5 to 2.5	Pass			
	710	25	0	20	3.27	-3.462	-0.0049	-2.5 to 2.5	Pass
					3.85	-3.490	-0.0049	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-5.164	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-4.549	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-3.548	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0054	-2.5 to 2.5	Pass
	40	3.85	-3.576	-0.0050	-2.5 to 2.5	Pass			
	50	3.85	-3.977	-0.0056	-2.5 to 2.5	Pass			
	713.5	25	0	20	3.27	0.529	0.0007	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
-10				3.85	-0.901	-0.0013	-2.5 to 2.5	Pass	
0				3.85	-1.016	-0.0014	-2.5 to 2.5	Pass	
10				3.85	-0.086	-0.0001	-2.5 to 2.5	Pass	
30				3.85	-0.215	-0.0003	-2.5 to 2.5	Pass	
40	3.85	-0.758	-0.0011	-2.5 to 2.5	Pass				
50	3.85	0.329	0.0005	-2.5 to 2.5	Pass				
16QAM	706.5	25	0	20	3.27	-6.065	-0.0086	-2.5 to 2.5	Pass
					3.85	-6.237	-0.0088	-2.5 to 2.5	Pass
					4.43	-6.337	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-6.537	-0.0093	-2.5 to 2.5	Pass

	710	25	0	-20	3.85	-6.094	-0.0086	-2.5 to 2.5	Pass			
				-10	3.85	-6.537	-0.0093	-2.5 to 2.5	Pass			
				0	3.85	-7.052	-0.0100	-2.5 to 2.5	Pass			
				10	3.85	-5.937	-0.0084	-2.5 to 2.5	Pass			
				30	3.85	-5.708	-0.0081	-2.5 to 2.5	Pass			
				40	3.85	-6.337	-0.0090	-2.5 to 2.5	Pass			
				50	3.85	-5.150	-0.0073	-2.5 to 2.5	Pass			
	713.5	25	0	20	3.27	-4.649	-0.0065	-2.5 to 2.5	Pass			
					3.85	-2.789	-0.0039	-2.5 to 2.5	Pass			
					4.43	-2.475	-0.0035	-2.5 to 2.5	Pass			
				-30	3.85	-3.204	-0.0045	-2.5 to 2.5	Pass			
				-20	3.85	-4.263	-0.0060	-2.5 to 2.5	Pass			
				-10	3.85	-5.250	-0.0074	-2.5 to 2.5	Pass			
				0	3.85	-4.234	-0.0060	-2.5 to 2.5	Pass			
				10	3.85	-3.176	-0.0045	-2.5 to 2.5	Pass			
				30	3.85	-3.147	-0.0044	-2.5 to 2.5	Pass			
				40	3.85	-3.633	-0.0051	-2.5 to 2.5	Pass			
				50	3.85	-3.004	-0.0042	-2.5 to 2.5	Pass			
				713.5	25	0	20	3.27	-0.958	-0.0013	-2.5 to 2.5	Pass
								3.85	0.701	0.0010	-2.5 to 2.5	Pass
	4.43	0.801	0.0011					-2.5 to 2.5	Pass			
	-30	3.85	0.658				0.0009	-2.5 to 2.5	Pass			
	-20	3.85	-0.772				-0.0011	-2.5 to 2.5	Pass			
	-10	3.85	-0.701				-0.0010	-2.5 to 2.5	Pass			
	0	3.85	-0.215				-0.0003	-2.5 to 2.5	Pass			
	10	3.85	0.157				0.0002	-2.5 to 2.5	Pass			
	30	3.85	-0.300				-0.0004	-2.5 to 2.5	Pass			
40	3.85	-1.531	-0.0021				-2.5 to 2.5	Pass				
50	3.85	-1.760	-0.0025	-2.5 to 2.5	Pass							

2.2 B17_10MHz

2.2.1 Test Result

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	3.27	-5.493	-0.0077	-2.5 to 2.5	Pass
					3.85	-7.968	-0.0112	-2.5 to 2.5	Pass
					4.43	-8.011	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-7.868	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-7.911	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-7.195	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-8.168	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-8.454	-0.0119	-2.5 to 2.5	Pass
				40	3.85	-8.726	-0.0123	-2.5 to 2.5	Pass
	50	3.85	-8.168	-0.0115	-2.5 to 2.5	Pass			
	710	50	0	20	3.27	-4.807	-0.0068	-2.5 to 2.5	Pass
					3.85	-4.821	-0.0068	-2.5 to 2.5	Pass
					4.43	-4.392	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-5.450	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-4.592	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-4.148	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-4.649	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-5.136	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-5.207	-0.0073	-2.5 to 2.5	Pass

	711	50	0	40	3.85	-5.007	-0.0071	-2.5 to 2.5	Pass				
				50	3.85	-5.794	-0.0082	-2.5 to 2.5	Pass				
				20	3.27	-3.591	-0.0051	-2.5 to 2.5	Pass				
					3.85	-5.178	-0.0073	-2.5 to 2.5	Pass				
					4.43	-5.150	-0.0072	-2.5 to 2.5	Pass				
				-30	3.85	-5.364	-0.0075	-2.5 to 2.5	Pass				
				-20	3.85	-6.509	-0.0092	-2.5 to 2.5	Pass				
				-10	3.85	-6.237	-0.0088	-2.5 to 2.5	Pass				
				0	3.85	-5.450	-0.0077	-2.5 to 2.5	Pass				
				10	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass				
				30	3.85	-5.193	-0.0073	-2.5 to 2.5	Pass				
				40	3.85	-4.992	-0.0070	-2.5 to 2.5	Pass				
				50	3.85	-3.591	-0.0051	-2.5 to 2.5	Pass				
				16QAM	709	50	0	20	3.27	-8.054	-0.0114	-2.5 to 2.5	Pass
									3.85	-7.982	-0.0113	-2.5 to 2.5	Pass
4.43	-6.595	-0.0093	-2.5 to 2.5						Pass				
-30	3.85	-8.068	-0.0114					-2.5 to 2.5	Pass				
-20	3.85	-7.153	-0.0101					-2.5 to 2.5	Pass				
-10	3.85	-7.267	-0.0102					-2.5 to 2.5	Pass				
0	3.85	-8.326	-0.0117					-2.5 to 2.5	Pass				
10	3.85	-7.925	-0.0112					-2.5 to 2.5	Pass				
30	3.85	-7.567	-0.0107					-2.5 to 2.5	Pass				
40	3.85	-8.969	-0.0127					-2.5 to 2.5	Pass				
50	3.85	-8.454	-0.0119					-2.5 to 2.5	Pass				
710	50	0	20					3.27	-4.907	-0.0069	-2.5 to 2.5	Pass	
					3.85	-6.022	-0.0085	-2.5 to 2.5	Pass				
					4.43	-5.078	-0.0072	-2.5 to 2.5	Pass				
			-30		3.85	-5.279	-0.0074	-2.5 to 2.5	Pass				
			-20		3.85	-4.978	-0.0070	-2.5 to 2.5	Pass				
			-10		3.85	-5.894	-0.0083	-2.5 to 2.5	Pass				
			0		3.85	-5.307	-0.0075	-2.5 to 2.5	Pass				
			10		3.85	-4.520	-0.0064	-2.5 to 2.5	Pass				
			30		3.85	-4.935	-0.0070	-2.5 to 2.5	Pass				
			40		3.85	-4.835	-0.0068	-2.5 to 2.5	Pass				
			50		3.85	-5.522	-0.0078	-2.5 to 2.5	Pass				
			711		50	0	20	3.27	-3.619	-0.0051	-2.5 to 2.5	Pass	
3.85	-3.819	-0.0054						-2.5 to 2.5	Pass				
4.43	-4.406	-0.0062						-2.5 to 2.5	Pass				
-30	3.85	-5.207					-0.0073	-2.5 to 2.5	Pass				
-20	3.85	-4.635					-0.0065	-2.5 to 2.5	Pass				
-10	3.85	-4.563		-0.0064			-2.5 to 2.5	Pass					
0	3.85	-4.678		-0.0066			-2.5 to 2.5	Pass					
10	3.85	-4.449		-0.0063			-2.5 to 2.5	Pass					
30	3.85	-5.736		-0.0081			-2.5 to 2.5	Pass					
40	3.85	-4.992		-0.0070			-2.5 to 2.5	Pass					
50	3.85	-4.420		-0.0062			-2.5 to 2.5	Pass					

3. Frequency Stability

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	1850.7	6	0	20	3.27	0.701	0.0004	-2.5 to 2.5	Pass
					3.85	-17.295	-0.0093	-2.5 to 2.5	Pass
					4.43	-20.142	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-9.356	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-11.516	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-9.041	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-11.072	-0.0060	-2.5 to 2.5	Pass
				30	3.85	9.270	0.0050	-2.5 to 2.5	Pass
	40	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass			
	50	3.85	12.660	0.0068	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	3.161	0.0017	-2.5 to 2.5	Pass
					3.85	-12.603	-0.0067	-2.5 to 2.5	Pass
					4.43	-11.287	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-5.035	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-9.856	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-12.660	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-10.371	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-5.207	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-6.967	-0.0037	-2.5 to 2.5	Pass
	40	3.85	2.446	0.0013	-2.5 to 2.5	Pass			
	50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	5.994	0.0031	-2.5 to 2.5	Pass
					3.85	-13.003	-0.0068	-2.5 to 2.5	Pass
					4.43	0.830	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-8.526	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-8.140	-0.0043	-2.5 to 2.5	Pass
-10				3.85	-6.409	-0.0034	-2.5 to 2.5	Pass	
0				3.85	-3.390	-0.0018	-2.5 to 2.5	Pass	
10				3.85	7.625	0.0040	-2.5 to 2.5	Pass	
30				3.85	6.208	0.0033	-2.5 to 2.5	Pass	
40	3.85	14.677	0.0077	-2.5 to 2.5	Pass				
50	3.85	12.975	0.0068	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	5.951	0.0032	-2.5 to 2.5	Pass
					3.85	12.803	0.0069	-2.5 to 2.5	Pass
					4.43	16.265	0.0088	-2.5 to 2.5	Pass
				-30	3.85	10.600	0.0057	-2.5 to 2.5	Pass
				-20	3.85	15.206	0.0082	-2.5 to 2.5	Pass
				-10	3.85	18.196	0.0098	-2.5 to 2.5	Pass
				0	3.85	14.834	0.0080	-2.5 to 2.5	Pass
				10	3.85	16.236	0.0088	-2.5 to 2.5	Pass
				30	3.85	17.724	0.0096	-2.5 to 2.5	Pass
	40	3.85	7.768	0.0042	-2.5 to 2.5	Pass			
	50	3.85	6.537	0.0035	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-0.143	-0.0001	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	-9.570	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-14.563	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-19.283	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-10.958	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-15.035	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-18.468	-0.0098	-2.5 to 2.5	Pass
	40	3.85	-19.140	-0.0102	-2.5 to 2.5	Pass			
	50	3.85	-18.640	-0.0099	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	8.597	0.0045	-2.5 to 2.5	Pass
					3.85	13.847	0.0073	-2.5 to 2.5	Pass
					4.43	13.318	0.0070	-2.5 to 2.5	Pass
				-30	3.85	20.428	0.0107	-2.5 to 2.5	Pass

				-20	3.85	17.824	0.0093	-2.5 to 2.5	Pass
				-10	3.85	19.727	0.0103	-2.5 to 2.5	Pass
				0	3.85	21.057	0.0110	-2.5 to 2.5	Pass
				10	3.85	18.969	0.0099	-2.5 to 2.5	Pass
				30	3.85	11.730	0.0061	-2.5 to 2.5	Pass
				40	3.85	14.062	0.0074	-2.5 to 2.5	Pass
				50	3.85	14.548	0.0076	-2.5 to 2.5	Pass

3.2 B2_3MHz

3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1851.5	15	0	20	3.27	-10.557	-0.0057	-2.5 to 2.5	Pass	
					3.85	-21.000	-0.0113	-2.5 to 2.5	Pass	
					4.43	-23.375	-0.0126	-2.5 to 2.5	Pass	
				-30	3.85	-19.383	-0.0105	-2.5 to 2.5	Pass	
					-20	3.85	-16.565	-0.0089	-2.5 to 2.5	Pass
						3.85	-13.146	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-9.470	-0.0051	-2.5 to 2.5	Pass	
					3.85	-3.462	-0.0019	-2.5 to 2.5	Pass	
				30	3.85	4.663	0.0025	-2.5 to 2.5	Pass	
	3.85	11.759	0.0064		-2.5 to 2.5	Pass				
	50	3.85	6.266	0.0034	-2.5 to 2.5	Pass				
	1880	15	0	20	3.27	3.061	0.0016	-2.5 to 2.5	Pass	
					3.85	0.200	0.0001	-2.5 to 2.5	Pass	
					4.43	-1.874	-0.0010	-2.5 to 2.5	Pass	
				-30	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass	
					-20	3.85	-9.484	-0.0050	-2.5 to 2.5	Pass
						3.85	-6.695	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass	
					3.85	5.894	0.0031	-2.5 to 2.5	Pass	
				30	3.85	4.091	0.0022	-2.5 to 2.5	Pass	
	3.85	-1.073	-0.0006		-2.5 to 2.5	Pass				
	50	3.85	4.048	0.0022	-2.5 to 2.5	Pass				
	1908.5	15	0	20	3.27	13.261	0.0069	-2.5 to 2.5	Pass	
					3.85	4.563	0.0024	-2.5 to 2.5	Pass	
					4.43	6.223	0.0033	-2.5 to 2.5	Pass	
				-30	3.85	7.768	0.0041	-2.5 to 2.5	Pass	
					-20	3.85	9.971	0.0052	-2.5 to 2.5	Pass
3.85						2.418	0.0013	-2.5 to 2.5	Pass	
0				3.85	9.270	0.0049	-2.5 to 2.5	Pass		
				3.85	17.395	0.0091	-2.5 to 2.5	Pass		
30				3.85	11.144	0.0058	-2.5 to 2.5	Pass		
	3.85	18.926	0.0099	-2.5 to 2.5	Pass					
50	3.85	16.422	0.0086	-2.5 to 2.5	Pass					
16QAM	1851.5	15	0	20	3.27	12.116	0.0065	-2.5 to 2.5	Pass	
					3.85	19.369	0.0105	-2.5 to 2.5	Pass	
					4.43	15.564	0.0084	-2.5 to 2.5	Pass	
				-30	3.85	28.496	0.0154	-2.5 to 2.5	Pass	
					-20	3.85	23.503	0.0127	-2.5 to 2.5	Pass
						3.85	13.733	0.0074	-2.5 to 2.5	Pass
				0	3.85	26.722	0.0144	-2.5 to 2.5	Pass	
					3.85	26.436	0.0143	-2.5 to 2.5	Pass	
30	3.85	29.211	0.0158	-2.5 to 2.5	Pass					

	1880	15	0	40	3.85	23.174	0.0125	-2.5 to 2.5	Pass
				50	3.85	27.652	0.0149	-2.5 to 2.5	Pass
				20	3.27	11.601	0.0062	-2.5 to 2.5	Pass
					3.85	2.146	0.0011	-2.5 to 2.5	Pass
					4.43	5.665	0.0030	-2.5 to 2.5	Pass
				-30	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-20	3.85	7.424	0.0039	-2.5 to 2.5	Pass
				-10	3.85	4.964	0.0026	-2.5 to 2.5	Pass
				0	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
	30	3.85	-3.877	-0.0021	-2.5 to 2.5	Pass			
	40	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass			
	50	3.85	-7.882	-0.0042	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.27	18.039	0.0095	-2.5 to 2.5	Pass
					3.85	20.657	0.0108	-2.5 to 2.5	Pass
					4.43	20.041	0.0105	-2.5 to 2.5	Pass
				-30	3.85	17.781	0.0093	-2.5 to 2.5	Pass
				-20	3.85	19.598	0.0103	-2.5 to 2.5	Pass
				-10	3.85	15.793	0.0083	-2.5 to 2.5	Pass
				0	3.85	17.867	0.0094	-2.5 to 2.5	Pass
10				3.85	15.721	0.0082	-2.5 to 2.5	Pass	
30				3.85	15.206	0.0080	-2.5 to 2.5	Pass	
40				3.85	26.264	0.0138	-2.5 to 2.5	Pass	
50	3.85	9.742	0.0051	-2.5 to 2.5	Pass				

3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	0.272	0.0001	-2.5 to 2.5	Pass
					3.85	-25.377	-0.0137	-2.5 to 2.5	Pass
					4.43	-22.788	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-15.249	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-14.162	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-11.401	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				10	3.85	4.392	0.0024	-2.5 to 2.5	Pass
				30	3.85	6.824	0.0037	-2.5 to 2.5	Pass
				40	3.85	7.596	0.0041	-2.5 to 2.5	Pass
	50	3.85	24.033	0.0130	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	1.059	0.0006	-2.5 to 2.5	Pass
					3.85	2.718	0.0014	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-10.757	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-10.571	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-9.799	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-6.266	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-23.403	-0.0124	-2.5 to 2.5	Pass
	50	3.85	-19.999	-0.0106	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	6.766	0.0035	-2.5 to 2.5	Pass
					3.85	-10.958	-0.0057	-2.5 to 2.5	Pass
					4.43	-6.223	-0.0033	-2.5 to 2.5	Pass

				-30	3.85	-8.183	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-6.595	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				10	3.85	10.099	0.0053	-2.5 to 2.5	Pass
				30	3.85	-22.573	-0.0118	-2.5 to 2.5	Pass
				40	3.85	-16.336	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	15.922	0.0086	-2.5 to 2.5	Pass
					3.85	22.674	0.0122	-2.5 to 2.5	Pass
					4.43	29.111	0.0157	-2.5 to 2.5	Pass
				-30	3.85	5.293	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-14.791	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-10.285	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-15.750	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-16.093	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-10.285	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-6.194	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
				1880	25	0	20	3.27	-10.500
	3.85	-3.991	-0.0021					-2.5 to 2.5	Pass
	4.43	-9.155	-0.0049					-2.5 to 2.5	Pass
	-30	3.85	-6.967				-0.0037	-2.5 to 2.5	Pass
	-20	3.85	-6.967				-0.0037	-2.5 to 2.5	Pass
	-10	3.85	-17.710				-0.0094	-2.5 to 2.5	Pass
	0	3.85	-26.379				-0.0140	-2.5 to 2.5	Pass
	10	3.85	-22.373				-0.0119	-2.5 to 2.5	Pass
	30	3.85	-28.424				-0.0151	-2.5 to 2.5	Pass
	40	3.85	-30.713				-0.0163	-2.5 to 2.5	Pass
	50	3.85	-31.343				-0.0167	-2.5 to 2.5	Pass
	1907.5	25	0				20	3.27	-4.063
				3.85	0.730	0.0004		-2.5 to 2.5	Pass
				4.43	4.106	0.0022		-2.5 to 2.5	Pass
				-30	3.85	8.483	0.0044	-2.5 to 2.5	Pass
				-20	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
30				3.85	0.486	0.0003	-2.5 to 2.5	Pass	
40				3.85	-0.072	0.0000	-2.5 to 2.5	Pass	
50				3.85	-7.067	-0.0037	-2.5 to 2.5	Pass	

3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-10.085	-0.0054	-2.5 to 2.5	Pass
					3.85	-27.866	-0.0150	-2.5 to 2.5	Pass
					4.43	-17.452	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-9.656	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				-10	3.85	9.212	0.0050	-2.5 to 2.5	Pass
				0	3.85	14.548	0.0078	-2.5 to 2.5	Pass
				10	3.85	6.537	0.0035	-2.5 to 2.5	Pass

	1880	50	0	30	3.85	9.198	0.0050	-2.5 to 2.5	Pass	
				40	3.85	8.512	0.0046	-2.5 to 2.5	Pass	
				50	3.85	13.590	0.0073	-2.5 to 2.5	Pass	
				20	3.27	0.558	0.0003	-2.5 to 2.5	Pass	
					3.85	-13.404	-0.0071	-2.5 to 2.5	Pass	
					4.43	-11.401	-0.0061	-2.5 to 2.5	Pass	
				-30	3.85	-11.616	-0.0062	-2.5 to 2.5	Pass	
				-20	3.85	-35.005	-0.0186	-2.5 to 2.5	Pass	
				-10	3.85	-19.927	-0.0106	-2.5 to 2.5	Pass	
	0	3.85	-27.523	-0.0146	-2.5 to 2.5	Pass				
	10	3.85	-29.511	-0.0157	-2.5 to 2.5	Pass				
	30	3.85	-31.185	-0.0166	-2.5 to 2.5	Pass				
	40	3.85	-32.086	-0.0171	-2.5 to 2.5	Pass				
	50	3.85	-37.551	-0.0200	-2.5 to 2.5	Pass				
	1905	50	0	20	3.27	-8.025	-0.0042	-2.5 to 2.5	Pass	
					3.85	-24.619	-0.0129	-2.5 to 2.5	Pass	
					4.43	-31.357	-0.0165	-2.5 to 2.5	Pass	
				-30	3.85	-36.922	-0.0194	-2.5 to 2.5	Pass	
				-20	3.85	-28.882	-0.0152	-2.5 to 2.5	Pass	
				-10	3.85	-22.345	-0.0117	-2.5 to 2.5	Pass	
				0	3.85	-24.405	-0.0128	-2.5 to 2.5	Pass	
				10	3.85	-30.141	-0.0158	-2.5 to 2.5	Pass	
				30	3.85	-23.088	-0.0121	-2.5 to 2.5	Pass	
				40	3.85	-22.845	-0.0120	-2.5 to 2.5	Pass	
				50	3.85	-19.827	-0.0104	-2.5 to 2.5	Pass	
	16QAM	1855	50	0	20	3.27	28.267	0.0152	-2.5 to 2.5	Pass
						3.85	25.392	0.0137	-2.5 to 2.5	Pass
4.43						39.096	0.0211	-2.5 to 2.5	Pass	
-30					3.85	1.874	0.0010	-2.5 to 2.5	Pass	
-20					3.85	4.148	0.0022	-2.5 to 2.5	Pass	
-10					3.85	3.533	0.0019	-2.5 to 2.5	Pass	
0					3.85	9.928	0.0054	-2.5 to 2.5	Pass	
10					3.85	6.266	0.0034	-2.5 to 2.5	Pass	
30					3.85	9.499	0.0051	-2.5 to 2.5	Pass	
40		3.85	11.673	0.0063	-2.5 to 2.5	Pass				
50		3.85	15.936	0.0086	-2.5 to 2.5	Pass				
1880		50	0	20	3.27	-38.910	-0.0207	-2.5 to 2.5	Pass	
					3.85	-31.085	-0.0165	-2.5 to 2.5	Pass	
					4.43	-34.475	-0.0183	-2.5 to 2.5	Pass	
				-30	3.85	-39.911	-0.0212	-2.5 to 2.5	Pass	
				-20	3.85	-46.663	-0.0248	-2.5 to 2.5	Pass	
				-10	3.85	-48.466	-0.0258	-2.5 to 2.5	Pass	
				0	3.85	1.044	0.0006	-2.5 to 2.5	Pass	
				10	3.85	4.435	0.0024	-2.5 to 2.5	Pass	
				30	3.85	-2.403	-0.0013	-2.5 to 2.5	Pass	
40		3.85	-0.887	-0.0005	-2.5 to 2.5	Pass				
50		3.85	-8.984	-0.0048	-2.5 to 2.5	Pass				
1905		50	0	20	3.27	-18.125	-0.0095	-2.5 to 2.5	Pass	
					3.85	-19.569	-0.0103	-2.5 to 2.5	Pass	
					4.43	-26.908	-0.0141	-2.5 to 2.5	Pass	
				-30	3.85	-32.845	-0.0172	-2.5 to 2.5	Pass	
				-20	3.85	-38.695	-0.0203	-2.5 to 2.5	Pass	
	-10			3.85	-42.715	-0.0224	-2.5 to 2.5	Pass		
	0			3.85	-44.518	-0.0234	-2.5 to 2.5	Pass		
	10			3.85	-44.332	-0.0233	-2.5 to 2.5	Pass		
	30			3.85	2.532	0.0013	-2.5 to 2.5	Pass		
40	3.85	3.791	0.0020	-2.5 to 2.5	Pass					
50	3.85	10.357	0.0054	-2.5 to 2.5	Pass					

3.5 B2_15MHz

3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-13.518	-0.0073	-2.5 to 2.5	Pass
					3.85	-31.400	-0.0169	-2.5 to 2.5	Pass
					4.43	-36.078	-0.0194	-2.5 to 2.5	Pass
				-30	3.85	-25.706	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-22.573	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-14.534	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-7.453	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				30	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.917	0.0010	-2.5 to 2.5	Pass
	50	3.85	9.727	0.0052	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	3.791	0.0020	-2.5 to 2.5	Pass
					3.85	8.111	0.0043	-2.5 to 2.5	Pass
					4.43	8.955	0.0048	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.319	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				30	3.85	4.506	0.0024	-2.5 to 2.5	Pass
				40	3.85	4.764	0.0025	-2.5 to 2.5	Pass
	50	3.85	1.073	0.0006	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-16.451	-0.0086	-2.5 to 2.5	Pass
					3.85	-19.727	-0.0104	-2.5 to 2.5	Pass
					4.43	-27.952	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-25.592	-0.0135	-2.5 to 2.5	Pass
				-20	3.85	-36.092	-0.0190	-2.5 to 2.5	Pass
				-10	3.85	-27.623	-0.0145	-2.5 to 2.5	Pass
				0	3.85	-32.444	-0.0171	-2.5 to 2.5	Pass
				10	3.85	13.089	0.0069	-2.5 to 2.5	Pass
30				3.85	16.694	0.0088	-2.5 to 2.5	Pass	
40				3.85	21.229	0.0112	-2.5 to 2.5	Pass	
50	3.85	26.264	0.0138	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0	20	3.27	21.143	0.0114	-2.5 to 2.5	Pass
					3.85	21.973	0.0118	-2.5 to 2.5	Pass
					4.43	18.597	0.0100	-2.5 to 2.5	Pass
				-30	3.85	15.979	0.0086	-2.5 to 2.5	Pass
				-20	3.85	21.229	0.0114	-2.5 to 2.5	Pass
				-10	3.85	21.358	0.0115	-2.5 to 2.5	Pass
				0	3.85	19.169	0.0103	-2.5 to 2.5	Pass
				10	3.85	24.934	0.0134	-2.5 to 2.5	Pass
				30	3.85	24.719	0.0133	-2.5 to 2.5	Pass
				40	3.85	26.622	0.0143	-2.5 to 2.5	Pass
	50	3.85	26.393	0.0142	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	5.779	0.0031	-2.5 to 2.5	Pass
					3.85	2.360	0.0013	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-11.673	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-10.514	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-22.345	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-20.413	-0.0109	-2.5 to 2.5	Pass

				10	3.85	-32.516	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-37.422	-0.0199	-2.5 to 2.5	Pass
				40	3.85	-35.677	-0.0190	-2.5 to 2.5	Pass
				50	3.85	-34.661	-0.0184	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	22.559	0.0119	-2.5 to 2.5	Pass
					3.85	17.624	0.0093	-2.5 to 2.5	Pass
					4.43	11.973	0.0063	-2.5 to 2.5	Pass
				-30	3.85	9.871	0.0052	-2.5 to 2.5	Pass
				-20	3.85	14.477	0.0076	-2.5 to 2.5	Pass
				-10	3.85	15.879	0.0083	-2.5 to 2.5	Pass
				0	3.85	13.604	0.0072	-2.5 to 2.5	Pass
				10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				30	3.85	8.898	0.0047	-2.5 to 2.5	Pass
				40	3.85	4.234	0.0022	-2.5 to 2.5	Pass
				50	3.85	7.396	0.0039	-2.5 to 2.5	Pass

3.6 B2_20MHz

3.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-2.489	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.133	-0.0017	-2.5 to 2.5	Pass
					4.43	0.515	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.676	0.0020	-2.5 to 2.5	Pass
				0	3.85	8.712	0.0047	-2.5 to 2.5	Pass
				10	3.85	13.061	0.0070	-2.5 to 2.5	Pass
				30	3.85	12.660	0.0068	-2.5 to 2.5	Pass
				40	3.85	23.289	0.0125	-2.5 to 2.5	Pass
	50	3.85	31.371	0.0169	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-1.860	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
					4.43	4.792	0.0025	-2.5 to 2.5	Pass
				-30	3.85	5.279	0.0028	-2.5 to 2.5	Pass
				-20	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.619	0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
				10	3.85	9.642	0.0051	-2.5 to 2.5	Pass
				30	3.85	7.482	0.0040	-2.5 to 2.5	Pass
				40	3.85	15.836	0.0084	-2.5 to 2.5	Pass
	50	3.85	14.620	0.0078	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-6.609	-0.0035	-2.5 to 2.5	Pass
					3.85	-14.834	-0.0078	-2.5 to 2.5	Pass
					4.43	-21.157	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-12.174	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-8.225	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-14.005	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-19.555	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-11.559	-0.0061	-2.5 to 2.5	Pass
30				3.85	-14.362	-0.0076	-2.5 to 2.5	Pass	
40				3.85	-10.414	-0.0055	-2.5 to 2.5	Pass	
50	3.85	-11.330	-0.0060	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	33.774	0.0182	-2.5 to 2.5	Pass

					3.85	30.613	0.0165	-2.5 to 2.5	Pass
					4.43	35.448	0.0191	-2.5 to 2.5	Pass
				-30	3.85	37.951	0.0204	-2.5 to 2.5	Pass
				-20	3.85	24.962	0.0134	-2.5 to 2.5	Pass
				-10	3.85	24.891	0.0134	-2.5 to 2.5	Pass
				0	3.85	26.450	0.0142	-2.5 to 2.5	Pass
				10	3.85	26.093	0.0140	-2.5 to 2.5	Pass
				30	3.85	19.355	0.0104	-2.5 to 2.5	Pass
				40	3.85	19.283	0.0104	-2.5 to 2.5	Pass
				50	3.85	13.475	0.0072	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	19.255	0.0102	-2.5 to 2.5	Pass
					3.85	17.266	0.0092	-2.5 to 2.5	Pass
					4.43	11.358	0.0060	-2.5 to 2.5	Pass
				-30	3.85	8.683	0.0046	-2.5 to 2.5	Pass
				-20	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				-10	3.85	8.526	0.0045	-2.5 to 2.5	Pass
				0	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				10	3.85	-9.785	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-4.663	-0.0025	-2.5 to 2.5	Pass
	50	3.85	-10.772	-0.0057	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-17.967	-0.0095	-2.5 to 2.5	Pass
					3.85	-13.347	-0.0070	-2.5 to 2.5	Pass
					4.43	-17.867	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-15.035	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-20.528	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-20.900	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-22.860	-0.0120	-2.5 to 2.5	Pass
10				3.85	-20.657	-0.0109	-2.5 to 2.5	Pass	
30				3.85	-26.264	-0.0138	-2.5 to 2.5	Pass	
40				3.85	-23.990	-0.0126	-2.5 to 2.5	Pass	
50	3.85	-25.649	-0.0135	-2.5 to 2.5	Pass				

4. Frequency Stability

4.1 B25_1.4MHz

4.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-0.243	-0.0001	-2.5 to 2.5	Pass
					3.85	-28.296	-0.0153	-2.5 to 2.5	Pass
					4.43	-26.550	-0.0143	-2.5 to 2.5	Pass
				-30	3.85	-20.742	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-16.851	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-6.022	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-7.324	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				40	3.85	9.270	0.0050	-2.5 to 2.5	Pass
	50	3.85	9.971	0.0054	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	4.191	0.0022	-2.5 to 2.5	Pass
					3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0021	-2.5 to 2.5	Pass

				-30	3.85	-4.034	-0.0021	-2.5 to 2.5	Pass			
				-20	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass			
				-10	3.85	0.730	0.0004	-2.5 to 2.5	Pass			
				0	3.85	3.304	0.0018	-2.5 to 2.5	Pass			
				10	3.85	3.891	0.0021	-2.5 to 2.5	Pass			
				30	3.85	5.479	0.0029	-2.5 to 2.5	Pass			
				40	3.85	7.281	0.0039	-2.5 to 2.5	Pass			
	50	3.85	9.542	0.0051	-2.5 to 2.5	Pass						
	1914.3	6	0	20	3.27	14.391	0.0075	-2.5 to 2.5	Pass			
					3.85	-0.300	-0.0002	-2.5 to 2.5	Pass			
					4.43	-15.693	-0.0082	-2.5 to 2.5	Pass			
				-30	3.85	-24.605	-0.0129	-2.5 to 2.5	Pass			
				-20	3.85	-37.608	-0.0196	-2.5 to 2.5	Pass			
				-10	3.85	-43.201	-0.0226	-2.5 to 2.5	Pass			
0				3.85	-14.935	-0.0078	-2.5 to 2.5	Pass				
10		3.85	-22.545	-0.0118	-2.5 to 2.5	Pass						
30		3.85	-29.812	-0.0156	-2.5 to 2.5	Pass						
40		3.85	-37.136	-0.0194	-2.5 to 2.5	Pass						
50		3.85	-41.513	-0.0217	-2.5 to 2.5	Pass						
16QAM		1850.7	6	0	20	3.27	9.384	0.0051	-2.5 to 2.5	Pass		
						3.85	14.977	0.0081	-2.5 to 2.5	Pass		
						4.43	13.433	0.0073	-2.5 to 2.5	Pass		
	-30				3.85	12.732	0.0069	-2.5 to 2.5	Pass			
	-20				3.85	11.973	0.0065	-2.5 to 2.5	Pass			
	-10				3.85	10.772	0.0058	-2.5 to 2.5	Pass			
	0				3.85	7.582	0.0041	-2.5 to 2.5	Pass			
	10				3.85	11.315	0.0061	-2.5 to 2.5	Pass			
	30				3.85	11.845	0.0064	-2.5 to 2.5	Pass			
	40				3.85	11.644	0.0063	-2.5 to 2.5	Pass			
	50				3.85	11.501	0.0062	-2.5 to 2.5	Pass			
	1882.5				6	0	20	3.27	12.789	0.0068	-2.5 to 2.5	Pass
								3.85	16.308	0.0087	-2.5 to 2.5	Pass
								4.43	11.373	0.0060	-2.5 to 2.5	Pass
		-30	3.85	6.151			0.0033	-2.5 to 2.5	Pass			
		-20	3.85	6.280			0.0033	-2.5 to 2.5	Pass			
		-10	3.85	4.749			0.0025	-2.5 to 2.5	Pass			
		0	3.85	-3.290			-0.0017	-2.5 to 2.5	Pass			
		10	3.85	-4.005			-0.0021	-2.5 to 2.5	Pass			
		30	3.85	-4.992			-0.0027	-2.5 to 2.5	Pass			
		40	3.85	-9.098			-0.0048	-2.5 to 2.5	Pass			
		50	3.85	-8.726			-0.0046	-2.5 to 2.5	Pass			
		1914.3	6	0			20	3.27	-4.878	-0.0025	-2.5 to 2.5	Pass
								3.85	-27.223	-0.0142	-2.5 to 2.5	Pass
								4.43	9.813	0.0051	-2.5 to 2.5	Pass
	-30				3.85	11.687	0.0061	-2.5 to 2.5	Pass			
	-20				3.85	10.643	0.0056	-2.5 to 2.5	Pass			
	-10				3.85	7.882	0.0041	-2.5 to 2.5	Pass			
0	3.85				0.672	0.0004	-2.5 to 2.5	Pass				
10	3.85				-8.039	-0.0042	-2.5 to 2.5	Pass				
30	3.85				-13.676	-0.0071	-2.5 to 2.5	Pass				
40	3.85				-22.459	-0.0117	-2.5 to 2.5	Pass				
50	3.85				-28.238	-0.0148	-2.5 to 2.5	Pass				

4.2 B25_3MHz

4.2.1 Test Result

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	2.675	0.0014	-2.5 to 2.5	Pass
					3.85	-17.767	-0.0096	-2.5 to 2.5	Pass
					4.43	-31.958	-0.0173	-2.5 to 2.5	Pass
				-30	3.85	-45.233	-0.0244	-2.5 to 2.5	Pass
				-20	3.85	-21.086	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-29.526	-0.0159	-2.5 to 2.5	Pass
				0	3.85	-39.625	-0.0214	-2.5 to 2.5	Pass
				10	3.85	-43.745	-0.0236	-2.5 to 2.5	Pass
				30	3.85	-45.748	-0.0247	-2.5 to 2.5	Pass
				40	3.85	-47.693	-0.0258	-2.5 to 2.5	Pass
	50	3.85	-47.121	-0.0255	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	5.679	0.0030	-2.5 to 2.5	Pass
					3.85	21.830	0.0116	-2.5 to 2.5	Pass
					4.43	28.210	0.0150	-2.5 to 2.5	Pass
				-30	3.85	39.210	0.0208	-2.5 to 2.5	Pass
				-20	3.85	50.011	0.0266	-2.5 to 2.5	Pass
				-10	3.85	8.512	0.0045	-2.5 to 2.5	Pass
				0	3.85	14.791	0.0079	-2.5 to 2.5	Pass
				10	3.85	23.546	0.0125	-2.5 to 2.5	Pass
				30	3.85	31.085	0.0165	-2.5 to 2.5	Pass
				40	3.85	7.339	0.0039	-2.5 to 2.5	Pass
	50	3.85	16.508	0.0088	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	9.770	0.0051	-2.5 to 2.5	Pass
					3.85	-5.922	-0.0031	-2.5 to 2.5	Pass
					4.43	-10.972	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-19.498	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-32.573	-0.0170	-2.5 to 2.5	Pass
				-10	3.85	-29.769	-0.0156	-2.5 to 2.5	Pass
				0	3.85	-46.906	-0.0245	-2.5 to 2.5	Pass
				10	3.85	-3.119	-0.0016	-2.5 to 2.5	Pass
30				3.85	-4.663	-0.0024	-2.5 to 2.5	Pass	
40				3.85	-11.301	-0.0059	-2.5 to 2.5	Pass	
50	3.85	-30.527	-0.0160	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	-43.416	-0.0234	-2.5 to 2.5	Pass
					3.85	-38.152	-0.0206	-2.5 to 2.5	Pass
					4.43	-30.699	-0.0166	-2.5 to 2.5	Pass
				-30	3.85	-30.398	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-24.848	-0.0134	-2.5 to 2.5	Pass
				-10	3.85	-18.926	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-16.093	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-9.727	-0.0053	-2.5 to 2.5	Pass
				30	3.85	2.432	0.0013	-2.5 to 2.5	Pass
				40	3.85	2.847	0.0015	-2.5 to 2.5	Pass
	50	3.85	7.710	0.0042	-2.5 to 2.5	Pass			
	1882.5	15	0	20	3.27	20.399	0.0108	-2.5 to 2.5	Pass
					3.85	25.549	0.0136	-2.5 to 2.5	Pass
					4.43	25.907	0.0138	-2.5 to 2.5	Pass
				-30	3.85	24.118	0.0128	-2.5 to 2.5	Pass
				-20	3.85	21.343	0.0113	-2.5 to 2.5	Pass
				-10	3.85	23.618	0.0125	-2.5 to 2.5	Pass
				0	3.85	16.651	0.0088	-2.5 to 2.5	Pass
				10	3.85	13.475	0.0072	-2.5 to 2.5	Pass
				30	3.85	20.485	0.0109	-2.5 to 2.5	Pass
				40	3.85	12.317	0.0065	-2.5 to 2.5	Pass
	50	3.85	10.672	0.0057	-2.5 to 2.5	Pass			
1913.5	15	0	20	3.27	-34.246	-0.0179	-2.5 to 2.5	Pass	

					3.85	-39.139	-0.0205	-2.5 to 2.5	Pass
					4.43	-7.181	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-20.843	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-24.176	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-34.318	-0.0179	-2.5 to 2.5	Pass
				0	3.85	-38.781	-0.0203	-2.5 to 2.5	Pass
				10	3.85	-44.117	-0.0231	-2.5 to 2.5	Pass
				30	3.85	-43.645	-0.0228	-2.5 to 2.5	Pass
				40	3.85	-46.277	-0.0242	-2.5 to 2.5	Pass
				50	3.85	-15.993	-0.0084	-2.5 to 2.5	Pass

4.3 B25_5MHz

4.3.1 Test Result

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-14.076	-0.0076	-2.5 to 2.5	Pass
					3.85	-21.629	-0.0117	-2.5 to 2.5	Pass
					4.43	-14.834	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-8.240	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	6.137	0.0033	-2.5 to 2.5	Pass
				-10	3.85	6.909	0.0037	-2.5 to 2.5	Pass
				0	3.85	11.716	0.0063	-2.5 to 2.5	Pass
				10	3.85	14.577	0.0079	-2.5 to 2.5	Pass
				30	3.85	27.595	0.0149	-2.5 to 2.5	Pass
				40	3.85	36.821	0.0199	-2.5 to 2.5	Pass
	50	3.85	6.895	0.0037	-2.5 to 2.5	Pass			
	1882.5	25	0	20	3.27	0.086	0.0000	-2.5 to 2.5	Pass
					3.85	-16.394	-0.0087	-2.5 to 2.5	Pass
					4.43	-14.391	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-9.155	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-11.487	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-5.364	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-4.420	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
	50	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass			
	1912.5	25	0	20	3.27	4.892	0.0026	-2.5 to 2.5	Pass
					3.85	-2.189	-0.0011	-2.5 to 2.5	Pass
					4.43	-11.373	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-16.909	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-12.188	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-12.431	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-4.091	-0.0021	-2.5 to 2.5	Pass
				10	3.85	3.633	0.0019	-2.5 to 2.5	Pass
30				3.85	11.501	0.0060	-2.5 to 2.5	Pass	
40				3.85	17.481	0.0091	-2.5 to 2.5	Pass	
50	3.85	23.417	0.0122	-2.5 to 2.5	Pass				
16QAM	1852.5	25	0	20	3.27	11.430	0.0062	-2.5 to 2.5	Pass
					3.85	25.406	0.0137	-2.5 to 2.5	Pass
					4.43	21.544	0.0116	-2.5 to 2.5	Pass
				-30	3.85	22.531	0.0122	-2.5 to 2.5	Pass
				-20	3.85	25.592	0.0138	-2.5 to 2.5	Pass
-10	3.85	-25.177	-0.0136	-2.5 to 2.5	Pass				

				0	3.85	-27.494	-0.0148	-2.5 to 2.5	Pass
				10	3.85	-25.792	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-18.339	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-11.859	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-9.012	-0.0049	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-2.246	-0.0012	-2.5 to 2.5	Pass
					3.85	1.931	0.0010	-2.5 to 2.5	Pass
					4.43	3.691	0.0020	-2.5 to 2.5	Pass
				-30	3.85	3.891	0.0021	-2.5 to 2.5	Pass
				-20	3.85	1.502	0.0008	-2.5 to 2.5	Pass
				-10	3.85	6.208	0.0033	-2.5 to 2.5	Pass
				0	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				30	3.85	-4.034	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0026	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	23.618	0.0123	-2.5 to 2.5	Pass
					3.85	24.991	0.0131	-2.5 to 2.5	Pass
					4.43	32.187	0.0168	-2.5 to 2.5	Pass
				-30	3.85	18.153	0.0095	-2.5 to 2.5	Pass
				-20	3.85	14.734	0.0077	-2.5 to 2.5	Pass
				-10	3.85	14.706	0.0077	-2.5 to 2.5	Pass
				0	3.85	11.430	0.0060	-2.5 to 2.5	Pass
				10	3.85	7.353	0.0038	-2.5 to 2.5	Pass
				30	3.85	-6.924	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-7.453	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass

4.4 B25_10MHz

4.4.1 Test Result

Band: 25 / Bandwidth: 10MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	1855	50	0	20	3.27	4.234	0.0023	-2.5 to 2.5	Pass			
					3.85	-17.481	-0.0094	-2.5 to 2.5	Pass			
					4.43	-17.495	-0.0094	-2.5 to 2.5	Pass			
				-30	3.85	-5.493	-0.0030	-2.5 to 2.5	Pass			
				-20	3.85	9.670	0.0052	-2.5 to 2.5	Pass			
				-10	3.85	9.027	0.0049	-2.5 to 2.5	Pass			
				0	3.85	22.402	0.0121	-2.5 to 2.5	Pass			
				10	3.85	30.427	0.0164	-2.5 to 2.5	Pass			
				30	3.85	31.328	0.0169	-2.5 to 2.5	Pass			
				40	3.85	34.018	0.0183	-2.5 to 2.5	Pass			
				50	3.85	35.763	0.0193	-2.5 to 2.5	Pass			
				1882.5	50	0	20	3.27	3.819	0.0020	-2.5 to 2.5	Pass
								3.85	-10.142	-0.0054	-2.5 to 2.5	Pass
								4.43	-11.759	-0.0062	-2.5 to 2.5	Pass
							-30	3.85	-16.708	-0.0089	-2.5 to 2.5	Pass
	-20	3.85	-6.380				-0.0034	-2.5 to 2.5	Pass			
	-10	3.85	-23.789				-0.0126	-2.5 to 2.5	Pass			
	0	3.85	-19.555				-0.0104	-2.5 to 2.5	Pass			
	10	3.85	-12.417				-0.0066	-2.5 to 2.5	Pass			
	30	3.85	1.245				0.0007	-2.5 to 2.5	Pass			
	40	3.85	2.475	0.0013	-2.5 to 2.5	Pass						
	50	3.85	2.832	0.0015	-2.5 to 2.5	Pass						

	1910	50	0	20	3.27	17.381	0.0091	-2.5 to 2.5	Pass
					3.85	10.414	0.0055	-2.5 to 2.5	Pass
					4.43	17.667	0.0092	-2.5 to 2.5	Pass
				-30	3.85	24.219	0.0127	-2.5 to 2.5	Pass
					-20	3.85	26.908	0.0141	-2.5 to 2.5
				-10	3.85	34.490	0.0181	-2.5 to 2.5	Pass
					0	3.85	35.248	0.0185	-2.5 to 2.5
				10	3.85	40.011	0.0209	-2.5 to 2.5	Pass
					30	3.85	43.230	0.0226	-2.5 to 2.5
				40	3.85	46.506	0.0243	-2.5 to 2.5	Pass
					50	3.85	50.626	0.0265	-2.5 to 2.5
				16QAM	1855	50	0	20	3.27
3.85	-11.716	-0.0063	-2.5 to 2.5						Pass
4.43	-11.902	-0.0064	-2.5 to 2.5						Pass
-30	3.85	-9.756	-0.0053					-2.5 to 2.5	Pass
	-20	3.85	-9.499					-0.0051	-2.5 to 2.5
-10	3.85	-10.958	-0.0059					-2.5 to 2.5	Pass
	0	3.85	-12.174					-0.0066	-2.5 to 2.5
10	3.85	-14.548	-0.0078					-2.5 to 2.5	Pass
	30	3.85	-25.249					-0.0136	-2.5 to 2.5
40	3.85	-21.286	-0.0115		-2.5 to 2.5	Pass			
	50	3.85	-14.005		-0.0075	-2.5 to 2.5	Pass		
1882.5	50	0	20		3.27	0.544	0.0003	-2.5 to 2.5	Pass
					3.85	2.832	0.0015	-2.5 to 2.5	Pass
					4.43	-9.456	-0.0050	-2.5 to 2.5	Pass
			-30		3.85	-9.785	-0.0052	-2.5 to 2.5	Pass
					-20	3.85	-10.715	-0.0057	-2.5 to 2.5
			-10		3.85	-13.103	-0.0070	-2.5 to 2.5	Pass
					0	3.85	-12.088	-0.0064	-2.5 to 2.5
			10	3.85	-23.103	-0.0123	-2.5 to 2.5	Pass	
				30	3.85	-16.007	-0.0085	-2.5 to 2.5	Pass
40	3.85	-18.640	-0.0099	-2.5 to 2.5	Pass				
	50	3.85	-28.296	-0.0150	-2.5 to 2.5	Pass			
1910	50	0	20	3.27	47.035	0.0246	-2.5 to 2.5	Pass	
				3.85	44.446	0.0233	-2.5 to 2.5	Pass	
				4.43	33.703	0.0176	-2.5 to 2.5	Pass	
			-30	3.85	33.731	0.0177	-2.5 to 2.5	Pass	
				-20	3.85	31.700	0.0166	-2.5 to 2.5	Pass
			-10	3.85	32.730	0.0171	-2.5 to 2.5	Pass	
				0	3.85	27.552	0.0144	-2.5 to 2.5	Pass
			10	3.85	23.317	0.0122	-2.5 to 2.5	Pass	
				30	3.85	24.877	0.0130	-2.5 to 2.5	Pass
40	3.85	20.127	0.0105	-2.5 to 2.5	Pass				
	50	3.85	9.928	0.0052	-2.5 to 2.5	Pass			

4.5 B25_15MHz

4.5.1 Test Result

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	3.934	0.0021	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
					4.43	4.749	0.0026	-2.5 to 2.5	Pass
				-30	3.85	11.430	0.0062	-2.5 to 2.5	Pass
					-20	3.85	20.113	0.0108	-2.5 to 2.5

				-10	3.85	24.033	0.0129	-2.5 to 2.5	Pass
				0	3.85	38.409	0.0207	-2.5 to 2.5	Pass
				10	3.85	32.816	0.0177	-2.5 to 2.5	Pass
				30	3.85	32.201	0.0173	-2.5 to 2.5	Pass
				40	3.85	42.958	0.0231	-2.5 to 2.5	Pass
	50	3.85	44.103	0.0237	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	7.052	0.0037	-2.5 to 2.5	Pass
					3.85	5.078	0.0027	-2.5 to 2.5	Pass
					4.43	-4.663	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-5.593	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-8.240	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
	50	3.85	-10.901	-0.0058	-2.5 to 2.5	Pass			
	1907.5	75	0	20	3.27	-2.575	-0.0013	-2.5 to 2.5	Pass
					3.85	-10.757	-0.0056	-2.5 to 2.5	Pass
					4.43	-7.739	-0.0041	-2.5 to 2.5	Pass
-30				3.85	-3.519	-0.0018	-2.5 to 2.5	Pass	
-20				3.85	0.286	0.0001	-2.5 to 2.5	Pass	
-10				3.85	0.544	0.0003	-2.5 to 2.5	Pass	
0				3.85	4.835	0.0025	-2.5 to 2.5	Pass	
10				3.85	4.392	0.0023	-2.5 to 2.5	Pass	
30				3.85	11.187	0.0059	-2.5 to 2.5	Pass	
40				3.85	8.240	0.0043	-2.5 to 2.5	Pass	
50	3.85	15.678	0.0082	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0	20	3.27	11.930	0.0064	-2.5 to 2.5	Pass
					3.85	-5.608	-0.0030	-2.5 to 2.5	Pass
					4.43	-11.287	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-12.946	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-19.212	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-24.905	-0.0134	-2.5 to 2.5	Pass
				0	3.85	-28.796	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-25.806	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-28.996	-0.0156	-2.5 to 2.5	Pass
				40	3.85	-24.376	-0.0131	-2.5 to 2.5	Pass
	50	3.85	-29.340	-0.0158	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-4.635	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
					4.43	-7.539	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-14.691	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-18.282	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-32.172	-0.0171	-2.5 to 2.5	Pass
				0	3.85	-31.471	-0.0167	-2.5 to 2.5	Pass
				10	3.85	-38.352	-0.0204	-2.5 to 2.5	Pass
				30	3.85	-39.597	-0.0210	-2.5 to 2.5	Pass
40				3.85	-40.684	-0.0216	-2.5 to 2.5	Pass	
50	3.85	-40.770	-0.0217	-2.5 to 2.5	Pass				
1907.5	75	0	20	3.27	24.118	0.0126	-2.5 to 2.5	Pass	
				3.85	14.691	0.0077	-2.5 to 2.5	Pass	
				4.43	4.106	0.0022	-2.5 to 2.5	Pass	
			-30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass	
			-20	3.85	-4.449	-0.0023	-2.5 to 2.5	Pass	
			-10	3.85	-8.926	-0.0047	-2.5 to 2.5	Pass	
			0	3.85	-13.218	-0.0069	-2.5 to 2.5	Pass	
10	3.85	-13.318	-0.0070	-2.5 to 2.5	Pass				
30	3.85	-12.474	-0.0065	-2.5 to 2.5	Pass				

				40	3.85	-9.270	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-10.200	-0.0053	-2.5 to 2.5	Pass

4.6 B25_20MHz

4.6.1 Test Result

Band: 25 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-7.024	-0.0038	-2.5 to 2.5	Pass
					3.85	-20.471	-0.0110	-2.5 to 2.5	Pass
					4.43	-11.401	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				-20	3.85	10.486	0.0056	-2.5 to 2.5	Pass
				-10	3.85	23.189	0.0125	-2.5 to 2.5	Pass
				0	3.85	28.410	0.0153	-2.5 to 2.5	Pass
				10	3.85	34.118	0.0183	-2.5 to 2.5	Pass
				30	3.85	15.922	0.0086	-2.5 to 2.5	Pass
				40	3.85	13.719	0.0074	-2.5 to 2.5	Pass
	50	3.85	19.884	0.0107	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	0.844	0.0004	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.43	7.911	0.0042	-2.5 to 2.5	Pass
				-30	3.85	9.713	0.0052	-2.5 to 2.5	Pass
				-20	3.85	15.149	0.0080	-2.5 to 2.5	Pass
				-10	3.85	21.458	0.0114	-2.5 to 2.5	Pass
				0	3.85	20.785	0.0110	-2.5 to 2.5	Pass
				10	3.85	29.168	0.0155	-2.5 to 2.5	Pass
				30	3.85	35.205	0.0187	-2.5 to 2.5	Pass
				40	3.85	13.247	0.0070	-2.5 to 2.5	Pass
	50	3.85	1.731	0.0009	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	2.975	0.0016	-2.5 to 2.5	Pass
					3.85	-6.909	-0.0036	-2.5 to 2.5	Pass
					4.43	-0.901	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	3.247	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-10	3.85	4.020	0.0021	-2.5 to 2.5	Pass
				0	3.85	17.138	0.0090	-2.5 to 2.5	Pass
				10	3.85	14.892	0.0078	-2.5 to 2.5	Pass
30				3.85	17.867	0.0094	-2.5 to 2.5	Pass	
40				3.85	19.140	0.0100	-2.5 to 2.5	Pass	
50	3.85	19.126	0.0100	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	21.000	0.0113	-2.5 to 2.5	Pass
					3.85	25.220	0.0136	-2.5 to 2.5	Pass
					4.43	22.974	0.0124	-2.5 to 2.5	Pass
				-30	3.85	23.646	0.0127	-2.5 to 2.5	Pass
				-20	3.85	19.870	0.0107	-2.5 to 2.5	Pass
				-10	3.85	22.802	0.0123	-2.5 to 2.5	Pass
				0	3.85	21.071	0.0113	-2.5 to 2.5	Pass
				10	3.85	22.988	0.0124	-2.5 to 2.5	Pass
				30	3.85	21.529	0.0116	-2.5 to 2.5	Pass
				40	3.85	20.041	0.0108	-2.5 to 2.5	Pass
	50	3.85	21.930	0.0118	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	8.397	0.0045	-2.5 to 2.5	Pass
					3.85	5.493	0.0029	-2.5 to 2.5	Pass
4.43					6.208	0.0033	-2.5 to 2.5	Pass	

				-30	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-11.101	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-18.482	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-22.101	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-19.126	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-32.659	-0.0173	-2.5 to 2.5	Pass
				1905	100	0	20	3.27	24.562
	3.85	20.986	0.0110					-2.5 to 2.5	Pass
	4.43	14.849	0.0078					-2.5 to 2.5	Pass
	-30	3.85	6.294				0.0033	-2.5 to 2.5	Pass
	-20	3.85	14.176				0.0074	-2.5 to 2.5	Pass
	-10	3.85	-0.830				-0.0004	-2.5 to 2.5	Pass
	0	3.85	-2.346				-0.0012	-2.5 to 2.5	Pass
	10	3.85	-7.324				-0.0038	-2.5 to 2.5	Pass
	30	3.85	-2.017				-0.0011	-2.5 to 2.5	Pass
	40	3.85	-4.663	-0.0024	-2.5 to 2.5	Pass			
50	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass				

5. Frequency Stability

5.1 B26a_1.4MHz

5.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	814.7	6	0	20	3.27	-6.137	-0.0075	-2.5 to 2.5	Pass
					3.85	-10.185	-0.0125	-2.5 to 2.5	Pass
					4.43	-12.517	-0.0154	-2.5 to 2.5	Pass
				-30	3.85	-9.513	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-15.349	-0.0188	-2.5 to 2.5	Pass
				-10	3.85	-17.152	-0.0211	-2.5 to 2.5	Pass
				0	3.85	-19.012	-0.0233	-2.5 to 2.5	Pass
				10	3.85	-18.954	-0.0233	-2.5 to 2.5	Pass
				30	3.85	-23.360	-0.0287	-2.5 to 2.5	Pass
				40	3.85	-26.279	-0.0323	-2.5 to 2.5	Pass
				50	3.85	-27.967	-0.0343	-2.5 to 2.5	Pass
				819	6	0	20	3.27	-4.334
	3.85	-2.689	-0.0033					-2.5 to 2.5	Pass
	4.43	-4.649	-0.0057					-2.5 to 2.5	Pass
	-30	3.85	-1.316				-0.0016	-2.5 to 2.5	Pass
	-20	3.85	-4.764				-0.0058	-2.5 to 2.5	Pass
	-10	3.85	-2.003				-0.0024	-2.5 to 2.5	Pass
	0	3.85	-4.320				-0.0053	-2.5 to 2.5	Pass
	10	3.85	-7.024				-0.0086	-2.5 to 2.5	Pass
	30	3.85	-8.783				-0.0107	-2.5 to 2.5	Pass
	40	3.85	-7.896				-0.0096	-2.5 to 2.5	Pass
	50	3.85	-10.972				-0.0134	-2.5 to 2.5	Pass
	823.3	6	0				20	3.27	-7.596
				3.85	-6.480	-0.0079		-2.5 to 2.5	Pass
				4.43	-5.679	-0.0069		-2.5 to 2.5	Pass
				-30	3.85	-6.108	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0058	-2.5 to 2.5	Pass

				-10	3.85	-8.011	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-8.755	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-9.384	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-10.400	-0.0126	-2.5 to 2.5	Pass
				40	3.85	-10.843	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-12.188	-0.0148	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	-4.792	-0.0059	-2.5 to 2.5	Pass
					3.85	-0.014	0.0000	-2.5 to 2.5	Pass
					4.43	5.593	0.0069	-2.5 to 2.5	Pass
				-30	3.85	12.918	0.0159	-2.5 to 2.5	Pass
				-20	3.85	16.780	0.0206	-2.5 to 2.5	Pass
				-10	3.85	18.325	0.0225	-2.5 to 2.5	Pass
				0	3.85	20.971	0.0257	-2.5 to 2.5	Pass
				10	3.85	22.573	0.0277	-2.5 to 2.5	Pass
				30	3.85	24.319	0.0299	-2.5 to 2.5	Pass
				40	3.85	28.167	0.0346	-2.5 to 2.5	Pass
	50	3.85	33.188	0.0407	-2.5 to 2.5	Pass			
	819	6	0	20	3.27	-5.236	-0.0064	-2.5 to 2.5	Pass
					3.85	-6.223	-0.0076	-2.5 to 2.5	Pass
					4.43	-9.570	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-9.127	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-10.986	-0.0134	-2.5 to 2.5	Pass
				-10	3.85	-11.201	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-10.486	-0.0128	-2.5 to 2.5	Pass
				10	3.85	-11.086	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-10.629	-0.0130	-2.5 to 2.5	Pass
				40	3.85	-10.815	-0.0132	-2.5 to 2.5	Pass
	50	3.85	-12.217	-0.0149	-2.5 to 2.5	Pass			
	823.3	6	0	20	3.27	-3.891	-0.0047	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0067	-2.5 to 2.5	Pass
					4.43	-5.193	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-2.446	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				0	3.85	1.531	0.0019	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0023	-2.5 to 2.5	Pass
30				3.85	1.516	0.0018	-2.5 to 2.5	Pass	
40				3.85	5.937	0.0072	-2.5 to 2.5	Pass	
50	3.85	4.735	0.0058	-2.5 to 2.5	Pass				

5.2 B26a_3MHz

5.2.1 Test Result

Band: 26a / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	815.5	15	0	20	3.27	-0.644	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.375	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.761	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				-20	3.85	3.047	0.0037	-2.5 to 2.5	Pass
				-10	3.85	3.133	0.0038	-2.5 to 2.5	Pass
				0	3.85	1.845	0.0023	-2.5 to 2.5	Pass
				10	3.85	1.473	0.0018	-2.5 to 2.5	Pass
				30	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.758	0.0009	-2.5 to 2.5	Pass

	819	15	0	50	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				20	3.27	-4.549	-0.0056	-2.5 to 2.5	Pass
					3.85	-9.770	-0.0119	-2.5 to 2.5	Pass
				-30	4.43	-9.785	-0.0119	-2.5 to 2.5	Pass
					3.85	-7.367	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-10.457	-0.0128	-2.5 to 2.5	Pass
				-10	3.85	-12.517	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-13.690	-0.0167	-2.5 to 2.5	Pass
				10	3.85	-12.789	-0.0156	-2.5 to 2.5	Pass
				30	3.85	-15.235	-0.0186	-2.5 to 2.5	Pass
	40	3.85	-15.535	-0.0190	-2.5 to 2.5	Pass			
	50	3.85	-17.223	-0.0210	-2.5 to 2.5	Pass			
	822.5	15	0	20	3.27	-0.143	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0015	-2.5 to 2.5	Pass
				-30	4.43	-5.665	-0.0069	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-4.907	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-3.133	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-7.710	-0.0094	-2.5 to 2.5	Pass
30				3.85	-2.904	-0.0035	-2.5 to 2.5	Pass	
40				3.85	-2.818	-0.0034	-2.5 to 2.5	Pass	
50	3.85	-7.739	-0.0094	-2.5 to 2.5	Pass				
16QAM	815.5	15	0	20	3.27	-4.649	-0.0057	-2.5 to 2.5	Pass
					3.85	-3.376	-0.0041	-2.5 to 2.5	Pass
				-30	4.43	1.259	0.0015	-2.5 to 2.5	Pass
					3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-5.236	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-5.393	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-4.463	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-4.420	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-3.834	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0047	-2.5 to 2.5	Pass
	50	3.85	-5.651	-0.0069	-2.5 to 2.5	Pass			
	819	15	0	20	3.27	-10.986	-0.0134	-2.5 to 2.5	Pass
					3.85	-9.398	-0.0115	-2.5 to 2.5	Pass
				-30	4.43	-9.298	-0.0114	-2.5 to 2.5	Pass
					3.85	-8.554	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-8.526	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-8.655	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-9.928	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-7.496	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-5.279	-0.0064	-2.5 to 2.5	Pass
40				3.85	-7.253	-0.0089	-2.5 to 2.5	Pass	
50	3.85	-6.609	-0.0081	-2.5 to 2.5	Pass				
822.5	15	0	20	3.27	-2.346	-0.0029	-2.5 to 2.5	Pass	
				3.85	-2.089	-0.0025	-2.5 to 2.5	Pass	
			-30	4.43	-3.018	-0.0037	-2.5 to 2.5	Pass	
				3.85	-1.287	-0.0016	-2.5 to 2.5	Pass	
			-20	3.85	1.945	0.0024	-2.5 to 2.5	Pass	
			-10	3.85	8.225	0.0100	-2.5 to 2.5	Pass	
			0	3.85	4.978	0.0061	-2.5 to 2.5	Pass	
			10	3.85	3.204	0.0039	-2.5 to 2.5	Pass	
			30	3.85	5.779	0.0070	-2.5 to 2.5	Pass	
			40	3.85	3.147	0.0038	-2.5 to 2.5	Pass	
50	3.85	10.901	0.0133	-2.5 to 2.5	Pass				

5.3 B26a_5MHz

5.3.1 Test Result

Band: 26a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	816.5	25	0	20	3.27	1.044	0.0013	-2.5 to 2.5	Pass
					3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.945	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.649	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-6.080	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-3.147	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-5.851	-0.0072	-2.5 to 2.5	Pass
	50	3.85	-6.437	-0.0079	-2.5 to 2.5	Pass			
	819	25	0	20	3.27	-11.187	-0.0137	-2.5 to 2.5	Pass
					3.85	-2.789	-0.0034	-2.5 to 2.5	Pass
					4.43	4.320	0.0053	-2.5 to 2.5	Pass
				-30	3.85	12.503	0.0153	-2.5 to 2.5	Pass
				-20	3.85	18.110	0.0221	-2.5 to 2.5	Pass
				-10	3.85	28.167	0.0344	-2.5 to 2.5	Pass
				0	3.85	33.832	0.0413	-2.5 to 2.5	Pass
				10	3.85	44.131	0.0539	-2.5 to 2.5	Pass
				30	3.85	9.899	0.0121	-2.5 to 2.5	Pass
				40	3.85	18.253	0.0223	-2.5 to 2.5	Pass
	50	3.85	25.778	0.0315	-2.5 to 2.5	Pass			
	821.5	25	0	20	3.27	-7.982	-0.0097	-2.5 to 2.5	Pass
					3.85	-12.860	-0.0157	-2.5 to 2.5	Pass
					4.43	-13.676	-0.0166	-2.5 to 2.5	Pass
				-30	3.85	-14.791	-0.0180	-2.5 to 2.5	Pass
				-20	3.85	-13.504	-0.0164	-2.5 to 2.5	Pass
				-10	3.85	-17.037	-0.0207	-2.5 to 2.5	Pass
				0	3.85	-19.927	-0.0243	-2.5 to 2.5	Pass
				10	3.85	-18.611	-0.0227	-2.5 to 2.5	Pass
30				3.85	-17.109	-0.0208	-2.5 to 2.5	Pass	
40				3.85	-20.456	-0.0249	-2.5 to 2.5	Pass	
50	3.85	-20.227	-0.0246	-2.5 to 2.5	Pass				
16QAM	816.5	25	0	20	3.27	-3.090	-0.0038	-2.5 to 2.5	Pass
					3.85	2.189	0.0027	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-3.262	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.715	0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.958	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.629	-0.0008	-2.5 to 2.5	Pass
				40	3.85	1.945	0.0024	-2.5 to 2.5	Pass
	50	3.85	0.515	0.0006	-2.5 to 2.5	Pass			
	819	25	0	20	3.27	-1.760	-0.0021	-2.5 to 2.5	Pass
					3.85	-5.078	-0.0062	-2.5 to 2.5	Pass
					4.43	-6.523	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-8.769	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-12.445	-0.0152	-2.5 to 2.5	Pass
				-10	3.85	-13.547	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-16.093	-0.0196	-2.5 to 2.5	Pass
				10	3.85	-18.139	-0.0221	-2.5 to 2.5	Pass
				30	3.85	-15.864	-0.0194	-2.5 to 2.5	Pass
40				3.85	-21.257	-0.0260	-2.5 to 2.5	Pass	

	821.5	25	0	50	3.85	-21.973	-0.0268	-2.5 to 2.5	Pass
				20	3.27	-4.277	-0.0052	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0048	-2.5 to 2.5	Pass
					4.43	-4.749	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-2.203	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-4.921	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-3.076	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-6.981	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-3.848	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0044	-2.5 to 2.5	Pass

5.4 B26a_10MHz

5.4.1 Test Result

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	3.27	-7.138	-0.0087	-2.5 to 2.5	Pass
					3.85	-10.543	-0.0129	-2.5 to 2.5	Pass
					4.43	-11.187	-0.0137	-2.5 to 2.5	Pass
				-30	3.85	-10.514	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-9.971	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-11.687	-0.0143	-2.5 to 2.5	Pass
				0	3.85	-14.677	-0.0179	-2.5 to 2.5	Pass
				10	3.85	-13.504	-0.0165	-2.5 to 2.5	Pass
				30	3.85	-14.391	-0.0176	-2.5 to 2.5	Pass
				40	3.85	-13.289	-0.0162	-2.5 to 2.5	Pass
				50	3.85	-13.175	-0.0161	-2.5 to 2.5	Pass
16QAM	819	50	0	20	3.27	-4.563	-0.0056	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
					4.43	-4.292	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-7.396	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.346	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-6.666	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-5.736	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-9.484	-0.0116	-2.5 to 2.5	Pass
				50	3.85	-7.181	-0.0088	-2.5 to 2.5	Pass

6. Frequency Stability

6.1 B26b_1.4MHz

6.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-5.035	-0.0061	-2.5 to 2.5	Pass
					3.85	-6.666	-0.0081	-2.5 to 2.5	Pass

					4.43	-10.257	-0.0124	-2.5 to 2.5	Pass
				-30	3.85	-11.559	-0.0140	-2.5 to 2.5	Pass
				-20	3.85	-11.988	-0.0145	-2.5 to 2.5	Pass
				-10	3.85	-12.531	-0.0152	-2.5 to 2.5	Pass
				0	3.85	-17.853	-0.0216	-2.5 to 2.5	Pass
				10	3.85	-16.952	-0.0206	-2.5 to 2.5	Pass
				30	3.85	-17.939	-0.0218	-2.5 to 2.5	Pass
				40	3.85	-22.259	-0.0270	-2.5 to 2.5	Pass
	50	3.85	-21.229	-0.0257	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.27	-5.078	-0.0061	-2.5 to 2.5	Pass
					3.85	-11.144	-0.0133	-2.5 to 2.5	Pass
					4.43	-9.084	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-13.733	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-15.864	-0.0190	-2.5 to 2.5	Pass
				-10	3.85	-19.941	-0.0238	-2.5 to 2.5	Pass
				0	3.85	-24.133	-0.0288	-2.5 to 2.5	Pass
				10	3.85	-27.437	-0.0328	-2.5 to 2.5	Pass
	30	3.85	-31.171	-0.0373	-2.5 to 2.5	Pass			
	40	3.85	-33.889	-0.0405	-2.5 to 2.5	Pass			
	50	3.85	-35.548	-0.0425	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.27	-0.429	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-9.742	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-11.101	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	-16.580	-0.0195	-2.5 to 2.5	Pass
				0	3.85	-17.309	-0.0204	-2.5 to 2.5	Pass
				10	3.85	-23.961	-0.0282	-2.5 to 2.5	Pass
30	3.85	-24.991	-0.0295	-2.5 to 2.5	Pass				
40	3.85	-29.182	-0.0344	-2.5 to 2.5	Pass				
50	3.85	-30.670	-0.0362	-2.5 to 2.5	Pass				
16QAM	824.7	6	0	20	3.27	-4.106	-0.0050	-2.5 to 2.5	Pass
					3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	5.507	0.0067	-2.5 to 2.5	Pass
				-20	3.85	13.447	0.0163	-2.5 to 2.5	Pass
				-10	3.85	16.036	0.0194	-2.5 to 2.5	Pass
				0	3.85	19.584	0.0237	-2.5 to 2.5	Pass
				10	3.85	22.631	0.0274	-2.5 to 2.5	Pass
	30	3.85	24.762	0.0300	-2.5 to 2.5	Pass			
	40	3.85	25.563	0.0310	-2.5 to 2.5	Pass			
	50	3.85	31.543	0.0382	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.27	-4.478	-0.0054	-2.5 to 2.5	Pass
					3.85	-6.223	-0.0074	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-4.792	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-7.181	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-6.623	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-6.194	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-8.340	-0.0100	-2.5 to 2.5	Pass
	30	3.85	-6.123	-0.0073	-2.5 to 2.5	Pass			
	40	3.85	-11.644	-0.0139	-2.5 to 2.5	Pass			
	50	3.85	-5.808	-0.0069	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.27	-0.129	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0033	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-4.535	-0.0053	-2.5 to 2.5	Pass
	-10	3.85	-6.938	-0.0082	-2.5 to 2.5	Pass			

				0	3.85	-9.856	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-11.358	-0.0134	-2.5 to 2.5	Pass
				30	3.85	-8.125	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-13.561	-0.0160	-2.5 to 2.5	Pass
				50	3.85	-12.245	-0.0144	-2.5 to 2.5	Pass

6.2 B26b_3MHz

6.2.1 Test Result

Band: 26b / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-12.217	-0.0148	-2.5 to 2.5	Pass
					3.85	-14.234	-0.0172	-2.5 to 2.5	Pass
					4.43	-12.488	-0.0151	-2.5 to 2.5	Pass
				-30	3.85	-8.011	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-12.875	-0.0156	-2.5 to 2.5	Pass
				-10	3.85	-12.918	-0.0156	-2.5 to 2.5	Pass
				0	3.85	-14.734	-0.0178	-2.5 to 2.5	Pass
				10	3.85	-14.219	-0.0172	-2.5 to 2.5	Pass
				30	3.85	-15.221	-0.0184	-2.5 to 2.5	Pass
				40	3.85	-14.162	-0.0172	-2.5 to 2.5	Pass
	50	3.85	-16.294	-0.0197	-2.5 to 2.5	Pass			
	836.5	15	0	20	3.27	-6.552	-0.0078	-2.5 to 2.5	Pass
					3.85	-10.214	-0.0122	-2.5 to 2.5	Pass
					4.43	-12.288	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-14.691	-0.0176	-2.5 to 2.5	Pass
				-20	3.85	-13.947	-0.0167	-2.5 to 2.5	Pass
				-10	3.85	-17.681	-0.0211	-2.5 to 2.5	Pass
				0	3.85	-20.013	-0.0239	-2.5 to 2.5	Pass
				10	3.85	-22.287	-0.0266	-2.5 to 2.5	Pass
				30	3.85	-23.718	-0.0284	-2.5 to 2.5	Pass
				40	3.85	-24.204	-0.0289	-2.5 to 2.5	Pass
	50	3.85	-29.197	-0.0349	-2.5 to 2.5	Pass			
	847.5	15	0	20	3.27	-4.292	-0.0051	-2.5 to 2.5	Pass
					3.85	-8.254	-0.0097	-2.5 to 2.5	Pass
					4.43	-8.168	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-12.302	-0.0145	-2.5 to 2.5	Pass
				-20	3.85	-17.824	-0.0210	-2.5 to 2.5	Pass
				-10	3.85	-19.069	-0.0225	-2.5 to 2.5	Pass
				0	3.85	-19.827	-0.0234	-2.5 to 2.5	Pass
				10	3.85	-22.845	-0.0270	-2.5 to 2.5	Pass
30				3.85	-23.832	-0.0281	-2.5 to 2.5	Pass	
40				3.85	-24.004	-0.0283	-2.5 to 2.5	Pass	
50	3.85	-28.768	-0.0339	-2.5 to 2.5	Pass				
16QAM	825.5	15	0	20	3.27	3.247	0.0039	-2.5 to 2.5	Pass
					3.85	1.688	0.0020	-2.5 to 2.5	Pass
					4.43	4.506	0.0055	-2.5 to 2.5	Pass
				-30	3.85	-9.685	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-10.543	-0.0128	-2.5 to 2.5	Pass
				-10	3.85	-9.284	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-7.625	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-7.467	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-7.524	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-6.981	-0.0085	-2.5 to 2.5	Pass
50	3.85	-3.619	-0.0044	-2.5 to 2.5	Pass				

	836.5	15	0	20	3.27	-5.708	-0.0068	-2.5 to 2.5	Pass	
					3.85	-3.505	-0.0042	-2.5 to 2.5	Pass	
					4.43	-5.150	-0.0062	-2.5 to 2.5	Pass	
				-30	3.85	-5.336	-0.0064	-2.5 to 2.5	Pass	
					-20	3.85	-8.855	-0.0106	-2.5 to 2.5	Pass
						-10	3.85	-9.470	-0.0113	-2.5 to 2.5
				0	3.85	-11.044	-0.0132	-2.5 to 2.5	Pass	
					10	3.85	-6.552	-0.0078	-2.5 to 2.5	Pass
					30	3.85	-5.150	-0.0062	-2.5 to 2.5	Pass
	40	3.85	-11.916		-0.0142	-2.5 to 2.5	Pass			
	50	3.85	-7.625		-0.0091	-2.5 to 2.5	Pass			
	847.5	15	0		20	3.27	-5.894	-0.0070	-2.5 to 2.5	Pass
				3.85		-0.858	-0.0010	-2.5 to 2.5	Pass	
				4.43		-4.978	-0.0059	-2.5 to 2.5	Pass	
				-30	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass	
					-20	3.85	-2.990	-0.0035	-2.5 to 2.5	Pass
						-10	3.85	-3.319	-0.0039	-2.5 to 2.5
				0	3.85	-3.791	-0.0045	-2.5 to 2.5	Pass	
10					3.85	-4.592	-0.0054	-2.5 to 2.5	Pass	
30					3.85	-3.562	-0.0042	-2.5 to 2.5	Pass	
40	3.85	-8.841	-0.0104		-2.5 to 2.5	Pass				
50	3.85	-10.700	-0.0126		-2.5 to 2.5	Pass				

6.3 B26b_5MHz

6.3.1 Test Result

Band: 26b / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	826.5	25	0	20	3.27	-5.264	-0.0064	-2.5 to 2.5	Pass	
					3.85	-6.666	-0.0081	-2.5 to 2.5	Pass	
					4.43	-4.077	-0.0049	-2.5 to 2.5	Pass	
				-30	3.85	-5.894	-0.0071	-2.5 to 2.5	Pass	
					-20	3.85	-8.798	-0.0106	-2.5 to 2.5	Pass
						-10	3.85	-6.995	-0.0085	-2.5 to 2.5
				0	3.85	-11.816	-0.0143	-2.5 to 2.5	Pass	
					10	3.85	-11.444	-0.0138	-2.5 to 2.5	Pass
					30	3.85	-10.357	-0.0125	-2.5 to 2.5	Pass
	40	3.85	-9.713		-0.0118	-2.5 to 2.5	Pass			
	50	3.85	-13.132		-0.0159	-2.5 to 2.5	Pass			
	836.5	25	0		20	3.27	-1.287	-0.0015	-2.5 to 2.5	Pass
				3.85		3.533	0.0042	-2.5 to 2.5	Pass	
				4.43		6.509	0.0078	-2.5 to 2.5	Pass	
				-30	3.85	12.145	0.0145	-2.5 to 2.5	Pass	
					-20	3.85	15.020	0.0180	-2.5 to 2.5	Pass
						-10	3.85	15.092	0.0180	-2.5 to 2.5
				0	3.85	15.278	0.0183	-2.5 to 2.5	Pass	
					10	3.85	14.076	0.0168	-2.5 to 2.5	Pass
					30	3.85	10.543	0.0126	-2.5 to 2.5	Pass
	40	3.85	8.354		0.0100	-2.5 to 2.5	Pass			
	50	3.85	7.510		0.0090	-2.5 to 2.5	Pass			
	846.5	25	0		20	3.27	-4.563	-0.0054	-2.5 to 2.5	Pass
				3.85		-3.004	-0.0035	-2.5 to 2.5	Pass	
				4.43		-8.140	-0.0096	-2.5 to 2.5	Pass	
				-30	3.85	-10.715	-0.0127	-2.5 to 2.5	Pass	
				-20	3.85	-13.947	-0.0165	-2.5 to 2.5	Pass	

				-10	3.85	-16.108	-0.0190	-2.5 to 2.5	Pass
				0	3.85	-15.807	-0.0187	-2.5 to 2.5	Pass
				10	3.85	-18.868	-0.0223	-2.5 to 2.5	Pass
				30	3.85	-17.653	-0.0209	-2.5 to 2.5	Pass
				40	3.85	-23.832	-0.0282	-2.5 to 2.5	Pass
				50	3.85	-21.429	-0.0253	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-6.251	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.493	-0.0066	-2.5 to 2.5	Pass
					4.43	-6.094	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-4.606	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-5.507	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-7.639	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-7.339	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-7.153	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-8.268	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-5.822	-0.0070	-2.5 to 2.5	Pass
	50	3.85	-6.652	-0.0080	-2.5 to 2.5	Pass			
	836.5	25	0	20	3.27	-8.440	-0.0101	-2.5 to 2.5	Pass
					3.85	-13.733	-0.0164	-2.5 to 2.5	Pass
					4.43	-14.820	-0.0177	-2.5 to 2.5	Pass
				-30	3.85	-21.787	-0.0260	-2.5 to 2.5	Pass
				-20	3.85	-23.832	-0.0285	-2.5 to 2.5	Pass
				-10	3.85	-27.738	-0.0332	-2.5 to 2.5	Pass
				0	3.85	-34.361	-0.0411	-2.5 to 2.5	Pass
				10	3.85	-34.776	-0.0416	-2.5 to 2.5	Pass
				30	3.85	-39.124	-0.0468	-2.5 to 2.5	Pass
				40	3.85	-40.197	-0.0481	-2.5 to 2.5	Pass
	50	3.85	-43.516	-0.0520	-2.5 to 2.5	Pass			
	846.5	25	0	20	3.27	-3.920	-0.0046	-2.5 to 2.5	Pass
					3.85	-5.665	-0.0067	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-5.879	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-5.364	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-7.424	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-8.540	-0.0101	-2.5 to 2.5	Pass
30				3.85	-8.111	-0.0096	-2.5 to 2.5	Pass	
40				3.85	-7.567	-0.0089	-2.5 to 2.5	Pass	
50	3.85	-7.710	-0.0091	-2.5 to 2.5	Pass				

6.4 B26b_10MHz

6.4.1 Test Result

Band: 26b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	2.503	0.0030	-2.5 to 2.5	Pass
					3.85	2.861	0.0035	-2.5 to 2.5	Pass
					4.43	1.101	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.302	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-4.263	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-7.052	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-10.457	-0.0126	-2.5 to 2.5	Pass
				40	3.85	-12.217	-0.0147	-2.5 to 2.5	Pass

	836.5	50	0	50	3.85	-15.035	-0.0181	-2.5 to 2.5	Pass
					3.27	0.644	0.0008	-2.5 to 2.5	Pass
				20	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-2.275	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-3.376	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-2.918	-0.0035	-2.5 to 2.5	Pass
				30	3.85	1.030	0.0012	-2.5 to 2.5	Pass
	40	3.85	-1.931	-0.0023	-2.5 to 2.5	Pass			
	50	3.85	-1.502	-0.0018	-2.5 to 2.5	Pass			
	844	50	0		3.27	0.200	0.0002	-2.5 to 2.5	Pass
				20	3.85	5.765	0.0068	-2.5 to 2.5	Pass
					4.43	9.813	0.0116	-2.5 to 2.5	Pass
				-30	3.85	11.716	0.0139	-2.5 to 2.5	Pass
				-20	3.85	12.131	0.0144	-2.5 to 2.5	Pass
				-10	3.85	12.488	0.0148	-2.5 to 2.5	Pass
				0	3.85	7.296	0.0086	-2.5 to 2.5	Pass
				10	3.85	6.809	0.0081	-2.5 to 2.5	Pass
30				3.85	0.415	0.0005	-2.5 to 2.5	Pass	
40				3.85	-3.233	-0.0038	-2.5 to 2.5	Pass	
50	3.85	-8.812	-0.0104	-2.5 to 2.5	Pass				
16QAM	829	50	0		3.27	-16.208	-0.0196	-2.5 to 2.5	Pass
				20	3.85	-15.864	-0.0191	-2.5 to 2.5	Pass
					4.43	-18.668	-0.0225	-2.5 to 2.5	Pass
				-30	3.85	-17.495	-0.0211	-2.5 to 2.5	Pass
				-20	3.85	-17.653	-0.0213	-2.5 to 2.5	Pass
				-10	3.85	-17.853	-0.0215	-2.5 to 2.5	Pass
				0	3.85	-17.667	-0.0213	-2.5 to 2.5	Pass
				10	3.85	-20.871	-0.0252	-2.5 to 2.5	Pass
				30	3.85	-19.541	-0.0236	-2.5 to 2.5	Pass
				40	3.85	-21.129	-0.0255	-2.5 to 2.5	Pass
	50	3.85	-19.283	-0.0233	-2.5 to 2.5	Pass			
	836.5	50	0		3.27	-10.901	-0.0130	-2.5 to 2.5	Pass
				20	3.85	2.360	0.0028	-2.5 to 2.5	Pass
					4.43	10.428	0.0125	-2.5 to 2.5	Pass
				-30	3.85	13.804	0.0165	-2.5 to 2.5	Pass
				-20	3.85	19.569	0.0234	-2.5 to 2.5	Pass
				-10	3.85	25.635	0.0306	-2.5 to 2.5	Pass
				0	3.85	32.716	0.0391	-2.5 to 2.5	Pass
				10	3.85	43.087	0.0515	-2.5 to 2.5	Pass
				30	3.85	4.950	0.0059	-2.5 to 2.5	Pass
				40	3.85	13.847	0.0166	-2.5 to 2.5	Pass
	50	3.85	20.885	0.0250	-2.5 to 2.5	Pass			
	844	50	0		3.27	-14.720	-0.0174	-2.5 to 2.5	Pass
				20	3.85	-17.123	-0.0203	-2.5 to 2.5	Pass
					4.43	-22.974	-0.0272	-2.5 to 2.5	Pass
				-30	3.85	-29.426	-0.0349	-2.5 to 2.5	Pass
				-20	3.85	-38.180	-0.0452	-2.5 to 2.5	Pass
				-10	3.85	-41.699	-0.0494	-2.5 to 2.5	Pass
				0	3.85	-35.648	-0.0422	-2.5 to 2.5	Pass
				10	3.85	-7.267	-0.0086	-2.5 to 2.5	Pass
30				3.85	-13.404	-0.0159	-2.5 to 2.5	Pass	
40				3.85	-16.122	-0.0191	-2.5 to 2.5	Pass	
50	3.85	-20.614	-0.0244	-2.5 to 2.5	Pass				

7. Frequency Stability

7.1 B26c_15MHz

7.1.1 Test Result

Band: 26c / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	821.5	75	0	20	3.27	-0.472	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0023	-2.5 to 2.5	Pass
					4.43	-0.916	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.260	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-4.206	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-3.290	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.905	-0.0048	-2.5 to 2.5	Pass
	50	3.85	-3.662	-0.0045	-2.5 to 2.5	Pass			
	831.5	75	0	20	3.27	-5.708	-0.0069	-2.5 to 2.5	Pass
					3.85	-7.882	-0.0095	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-5.379	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-7.482	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-9.098	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-7.081	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-9.112	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-8.426	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-8.883	-0.0107	-2.5 to 2.5	Pass
	50	3.85	-10.772	-0.0130	-2.5 to 2.5	Pass			
	841.5	75	0	20	3.27	-0.157	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
					4.43	-2.332	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-1.888	-0.0022	-2.5 to 2.5	Pass
30				3.85	-3.262	-0.0039	-2.5 to 2.5	Pass	
40				3.85	-2.818	-0.0033	-2.5 to 2.5	Pass	
50	3.85	-4.492	-0.0053	-2.5 to 2.5	Pass				
16QAM	821.5	75	0	20	3.27	-3.548	-0.0043	-2.5 to 2.5	Pass
					3.85	-5.550	-0.0068	-2.5 to 2.5	Pass
					4.43	-4.692	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.349	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-4.706	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-5.336	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-1.960	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.904	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-4.292	-0.0052	-2.5 to 2.5	Pass
	50	3.85	-2.832	-0.0034	-2.5 to 2.5	Pass			
	831.5	75	0	20	3.27	-8.168	-0.0098	-2.5 to 2.5	Pass
					3.85	-10.514	-0.0126	-2.5 to 2.5	Pass
					4.43	-11.873	-0.0143	-2.5 to 2.5	Pass
-30				3.85	-10.729	-0.0129	-2.5 to 2.5	Pass	
-20	3.85	-9.770	-0.0117	-2.5 to 2.5	Pass				

				-10	3.85	-10.757	-0.0129	-2.5 to 2.5	Pass
				0	3.85	-11.444	-0.0138	-2.5 to 2.5	Pass
				10	3.85	-9.985	-0.0120	-2.5 to 2.5	Pass
				30	3.85	-10.042	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-11.458	-0.0138	-2.5 to 2.5	Pass
	50	3.85	-7.768	-0.0093	-2.5 to 2.5	Pass			
	841.5	75	0	20	3.27	-4.349	-0.0052	-2.5 to 2.5	Pass
					3.85	-5.522	-0.0066	-2.5 to 2.5	Pass
					4.43	-5.779	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-5.937	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-3.676	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-6.466	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-3.948	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-6.194	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-4.606	-0.0055	-2.5 to 2.5	Pass

8. Frequency Stability

8.1 B38_5MHz

8.1.1 Test Result

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2572.5	25	0	20	3.27	-9.255	-0.0036	-2.5 to 2.5	Pass
					3.85	-13.461	-0.0052	-2.5 to 2.5	Pass
					4.43	0.372	0.0001	-2.5 to 2.5	Pass
				-30	3.85	7.839	0.0030	-2.5 to 2.5	Pass
				-20	3.85	20.685	0.0080	-2.5 to 2.5	Pass
				-10	3.85	26.822	0.0104	-2.5 to 2.5	Pass
				0	3.85	28.567	0.0111	-2.5 to 2.5	Pass
				10	3.85	37.594	0.0146	-2.5 to 2.5	Pass
				30	3.85	36.349	0.0141	-2.5 to 2.5	Pass
				40	3.85	38.667	0.0150	-2.5 to 2.5	Pass
	50	3.85	44.389	0.0173	-2.5 to 2.5	Pass			
	2595	25	0	20	3.27	-4.334	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.991	-0.0015	-2.5 to 2.5	Pass
					4.43	-11.344	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-12.817	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-12.188	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-14.448	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-12.159	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-16.437	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-16.208	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-17.080	-0.0066	-2.5 to 2.5	Pass
	50	3.85	-18.253	-0.0070	-2.5 to 2.5	Pass			
	2617.5	25	0	20	3.27	-13.762	-0.0053	-2.5 to 2.5	Pass
					3.85	-16.665	-0.0064	-2.5 to 2.5	Pass
					4.43	-16.665	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-20.900	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-17.810	-0.0068	-2.5 to 2.5	Pass
-10				3.85	-20.800	-0.0079	-2.5 to 2.5	Pass	
0				3.85	-18.139	-0.0069	-2.5 to 2.5	Pass	

				10	3.85	-17.424	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-15.163	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-15.392	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-14.520	-0.0055	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.27	41.370	0.0161	-2.5 to 2.5	Pass
					3.85	43.774	0.0170	-2.5 to 2.5	Pass
					4.43	40.841	0.0159	-2.5 to 2.5	Pass
				-30	3.85	4.206	0.0016	-2.5 to 2.5	Pass
				-20	3.85	2.117	0.0008	-2.5 to 2.5	Pass
				-10	3.85	5.193	0.0020	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.975	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.446	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.431	0.0006	-2.5 to 2.5	Pass
	50	3.85	-1.159	-0.0005	-2.5 to 2.5	Pass			
	2595	25	0	20	3.27	-21.486	-0.0083	-2.5 to 2.5	Pass
					3.85	-19.641	-0.0076	-2.5 to 2.5	Pass
					4.43	-20.728	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-15.321	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-17.281	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-17.924	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-17.695	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-17.838	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-15.607	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-16.551	-0.0064	-2.5 to 2.5	Pass
	50	3.85	-19.112	-0.0074	-2.5 to 2.5	Pass			
	2617.5	25	0	20	3.27	-9.785	-0.0037	-2.5 to 2.5	Pass
					3.85	-7.010	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-8.011	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.809	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-9.184	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-7.882	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-6.437	-0.0025	-2.5 to 2.5	Pass
30				3.85	-6.981	-0.0027	-2.5 to 2.5	Pass	
40				3.85	-11.902	-0.0045	-2.5 to 2.5	Pass	
50	3.85	-5.393	-0.0021	-2.5 to 2.5	Pass				

8.2 B38_10MHz

8.2.1 Test Result

Band: 38 / Bandwidth: 10MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	2575	50	0	20	3.27	-11.015	-0.0043	-2.5 to 2.5	Pass			
					3.85	-13.704	-0.0053	-2.5 to 2.5	Pass			
					4.43	-5.794	-0.0023	-2.5 to 2.5	Pass			
				-30	3.85	-5.393	-0.0021	-2.5 to 2.5	Pass			
				-20	3.85	-6.781	-0.0026	-2.5 to 2.5	Pass			
				-10	3.85	-5.136	-0.0020	-2.5 to 2.5	Pass			
				0	3.85	-5.894	-0.0023	-2.5 to 2.5	Pass			
				10	3.85	-11.415	-0.0044	-2.5 to 2.5	Pass			
				30	3.85	-10.214	-0.0040	-2.5 to 2.5	Pass			
				40	3.85	-8.311	-0.0032	-2.5 to 2.5	Pass			
				50	3.85	-13.518	-0.0052	-2.5 to 2.5	Pass			
				2595	50	0	20	3.27	-17.567	-0.0068	-2.5 to 2.5	Pass

					3.85	-17.309	-0.0067	-2.5 to 2.5	Pass
					4.43	-20.428	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-21.544	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-22.173	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-20.442	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-26.622	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-26.407	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-26.107	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-24.118	-0.0093	-2.5 to 2.5	Pass
	50	3.85	-20.700	-0.0080	-2.5 to 2.5	Pass			
	2615	50	0	20	3.27	-2.518	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.834	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.702	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.658	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.774	-0.0007	-2.5 to 2.5	Pass
				0	3.85	1.130	0.0004	-2.5 to 2.5	Pass
				10	3.85	5.178	0.0020	-2.5 to 2.5	Pass
30				3.85	7.639	0.0029	-2.5 to 2.5	Pass	
40	3.85	8.440	0.0032	-2.5 to 2.5	Pass				
50	3.85	8.283	0.0032	-2.5 to 2.5	Pass				
16QAM	2575	50	0	20	3.27	-16.108	-0.0063	-2.5 to 2.5	Pass
					3.85	-14.920	-0.0058	-2.5 to 2.5	Pass
					4.43	-16.494	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-14.348	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-18.024	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-21.272	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-22.731	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-19.898	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-28.439	-0.0110	-2.5 to 2.5	Pass
	40	3.85	-23.389	-0.0091	-2.5 to 2.5	Pass			
	50	3.85	-31.686	-0.0123	-2.5 to 2.5	Pass			
	2595	50	0	20	3.27	-22.545	-0.0087	-2.5 to 2.5	Pass
					3.85	-17.610	-0.0068	-2.5 to 2.5	Pass
					4.43	-24.505	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-20.828	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-20.657	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-24.076	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-26.121	-0.0101	-2.5 to 2.5	Pass
10				3.85	-24.462	-0.0094	-2.5 to 2.5	Pass	
30				3.85	-24.605	-0.0095	-2.5 to 2.5	Pass	
40	3.85	-25.506	-0.0098	-2.5 to 2.5	Pass				
50	3.85	-25.792	-0.0099	-2.5 to 2.5	Pass				
2615	50	0	20	3.27	9.069	0.0035	-2.5 to 2.5	Pass	
				3.85	11.501	0.0044	-2.5 to 2.5	Pass	
				4.43	8.197	0.0031	-2.5 to 2.5	Pass	
			-30	3.85	11.945	0.0046	-2.5 to 2.5	Pass	
			-20	3.85	10.872	0.0042	-2.5 to 2.5	Pass	
			-10	3.85	12.674	0.0048	-2.5 to 2.5	Pass	
			0	3.85	11.888	0.0045	-2.5 to 2.5	Pass	
			10	3.85	13.375	0.0051	-2.5 to 2.5	Pass	
			30	3.85	16.179	0.0062	-2.5 to 2.5	Pass	
40	3.85	17.123	0.0065	-2.5 to 2.5	Pass				
50	3.85	18.926	0.0072	-2.5 to 2.5	Pass				

8.3 B38_15MHz

8.3.1 Test Result

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2577.5	75	0	20	3.27	-6.909	-0.0027	-2.5 to 2.5	Pass
					3.85	-12.159	-0.0047	-2.5 to 2.5	Pass
					4.43	-12.174	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.663	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.403	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-7.453	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-6.809	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-10.285	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-10.071	-0.0039	-2.5 to 2.5	Pass
	50	3.85	-14.162	-0.0055	-2.5 to 2.5	Pass			
	2595	75	0	20	3.27	-0.601	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.689	-0.0010	-2.5 to 2.5	Pass
					4.43	-5.207	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-8.869	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-7.925	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-13.862	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-14.520	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-11.930	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-9.398	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-16.994	-0.0065	-2.5 to 2.5	Pass
	50	3.85	-13.089	-0.0050	-2.5 to 2.5	Pass			
	2612.5	75	0	20	3.27	-12.374	-0.0047	-2.5 to 2.5	Pass
					3.85	-9.112	-0.0035	-2.5 to 2.5	Pass
					4.43	-11.487	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-3.662	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.791	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.974	-0.0008	-2.5 to 2.5	Pass
30				3.85	-2.518	-0.0010	-2.5 to 2.5	Pass	
40				3.85	-0.587	-0.0002	-2.5 to 2.5	Pass	
50	3.85	-0.815	-0.0003	-2.5 to 2.5	Pass				
16QAM	2577.5	75	0	20	3.27	-18.454	-0.0072	-2.5 to 2.5	Pass
					3.85	-14.949	-0.0058	-2.5 to 2.5	Pass
					4.43	-22.945	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-22.531	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-29.511	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-31.743	-0.0123	-2.5 to 2.5	Pass
				0	3.85	-33.817	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-38.753	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-39.783	-0.0154	-2.5 to 2.5	Pass
				40	3.85	-36.607	-0.0142	-2.5 to 2.5	Pass
	50	3.85	-44.346	-0.0172	-2.5 to 2.5	Pass			
	2595	75	0	20	3.27	-15.635	-0.0060	-2.5 to 2.5	Pass
					3.85	-14.319	-0.0055	-2.5 to 2.5	Pass
					4.43	-16.236	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-15.635	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-13.833	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-14.534	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-13.590	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-14.305	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-11.973	-0.0046	-2.5 to 2.5	Pass
40				3.85	-15.421	-0.0059	-2.5 to 2.5	Pass	

	2612.5	75	0	50	3.85	-16.351	-0.0063	-2.5 to 2.5	Pass
				20	3.27	6.380	0.0024	-2.5 to 2.5	Pass
					3.85	6.881	0.0026	-2.5 to 2.5	Pass
					4.43	11.015	0.0042	-2.5 to 2.5	Pass
				-30	3.85	7.997	0.0031	-2.5 to 2.5	Pass
				-20	3.85	12.703	0.0049	-2.5 to 2.5	Pass
				-10	3.85	9.627	0.0037	-2.5 to 2.5	Pass
				0	3.85	13.804	0.0053	-2.5 to 2.5	Pass
				10	3.85	17.138	0.0066	-2.5 to 2.5	Pass
				30	3.85	18.582	0.0071	-2.5 to 2.5	Pass
				40	3.85	21.672	0.0083	-2.5 to 2.5	Pass
				50	3.85	14.205	0.0054	-2.5 to 2.5	Pass

8.4 B38_20MHz

8.4.1 Test Result

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.27	-24.204	-0.0094	-2.5 to 2.5	Pass
					3.85	-27.866	-0.0108	-2.5 to 2.5	Pass
					4.43	-26.422	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-30.384	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-33.417	-0.0130	-2.5 to 2.5	Pass
				-10	3.85	-34.819	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-40.426	-0.0157	-2.5 to 2.5	Pass
				10	3.85	-44.146	-0.0171	-2.5 to 2.5	Pass
				30	3.85	-50.941	-0.0197	-2.5 to 2.5	Pass
				40	3.85	4.034	0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.791	-0.0015	-2.5 to 2.5	Pass
				2595	100	0	20	3.27	-11.330
	3.85	-17.509	-0.0067					-2.5 to 2.5	Pass
	4.43	-20.528	-0.0079					-2.5 to 2.5	Pass
	-30	3.85	-18.339				-0.0071	-2.5 to 2.5	Pass
	-20	3.85	-23.446				-0.0090	-2.5 to 2.5	Pass
	-10	3.85	-20.370				-0.0078	-2.5 to 2.5	Pass
	0	3.85	-20.728				-0.0080	-2.5 to 2.5	Pass
	10	3.85	-19.169				-0.0074	-2.5 to 2.5	Pass
	30	3.85	-27.022				-0.0104	-2.5 to 2.5	Pass
	40	3.85	-27.466				-0.0106	-2.5 to 2.5	Pass
	50	3.85	-27.494				-0.0106	-2.5 to 2.5	Pass
	2610	100	0				20	3.27	-9.642
				3.85	-7.339	-0.0028		-2.5 to 2.5	Pass
				4.43	-6.080	-0.0023		-2.5 to 2.5	Pass
				-30	3.85	-5.736	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.017	-0.0008	-2.5 to 2.5	Pass
-10				3.85	1.059	0.0004	-2.5 to 2.5	Pass	
0				3.85	1.960	0.0008	-2.5 to 2.5	Pass	
10				3.85	5.150	0.0020	-2.5 to 2.5	Pass	
30				3.85	7.110	0.0027	-2.5 to 2.5	Pass	
40				3.85	7.954	0.0030	-2.5 to 2.5	Pass	
50				3.85	10.643	0.0041	-2.5 to 2.5	Pass	
16QAM				2580	100	0	20	3.27	-2.003
	3.85	-6.952	-0.0027					-2.5 to 2.5	Pass
	4.43	-11.244	-0.0044					-2.5 to 2.5	Pass
	-30	3.85	-17.409				-0.0067	-2.5 to 2.5	Pass

				-20	3.85	-14.291	-0.0055	-2.5 to 2.5	Pass	
				-10	3.85	-20.041	-0.0078	-2.5 to 2.5	Pass	
				0	3.85	-22.902	-0.0089	-2.5 to 2.5	Pass	
				10	3.85	-19.054	-0.0074	-2.5 to 2.5	Pass	
				30	3.85	-25.606	-0.0099	-2.5 to 2.5	Pass	
				40	3.85	-29.168	-0.0113	-2.5 to 2.5	Pass	
				50	3.85	-28.896	-0.0112	-2.5 to 2.5	Pass	
				20	3.27	-26.178	-0.0101	-2.5 to 2.5	Pass	
					3.85	-26.493	-0.0102	-2.5 to 2.5	Pass	
					4.43	-29.383	-0.0113	-2.5 to 2.5	Pass	
	-30	3.85	-30.098	-0.0116	-2.5 to 2.5	Pass				
	-20	3.85	-23.918	-0.0092	-2.5 to 2.5	Pass				
	-10	3.85	-27.165	-0.0105	-2.5 to 2.5	Pass				
	0	3.85	-15.879	-0.0061	-2.5 to 2.5	Pass				
	10	3.85	-18.654	-0.0072	-2.5 to 2.5	Pass				
	30	3.85	-16.479	-0.0064	-2.5 to 2.5	Pass				
	40	3.85	-10.543	-0.0041	-2.5 to 2.5	Pass				
	50	3.85	-17.138	-0.0066	-2.5 to 2.5	Pass				
	2595	100	0		20	3.27	14.033	0.0054	-2.5 to 2.5	Pass
						3.85	11.473	0.0044	-2.5 to 2.5	Pass
						4.43	13.375	0.0051	-2.5 to 2.5	Pass
					-30	3.85	20.027	0.0077	-2.5 to 2.5	Pass
					-20	3.85	23.818	0.0091	-2.5 to 2.5	Pass
					-10	3.85	24.934	0.0096	-2.5 to 2.5	Pass
					0	3.85	28.009	0.0107	-2.5 to 2.5	Pass
					10	3.85	28.524	0.0109	-2.5 to 2.5	Pass
					30	3.85	28.381	0.0109	-2.5 to 2.5	Pass
					40	3.85	30.184	0.0116	-2.5 to 2.5	Pass
	50	3.85	32.516	0.0125	-2.5 to 2.5	Pass				
	2610	100	0		20	3.27	14.033	0.0054	-2.5 to 2.5	Pass
3.85						11.473	0.0044	-2.5 to 2.5	Pass	
4.43						13.375	0.0051	-2.5 to 2.5	Pass	
-30					3.85	20.027	0.0077	-2.5 to 2.5	Pass	
-20					3.85	23.818	0.0091	-2.5 to 2.5	Pass	
-10					3.85	24.934	0.0096	-2.5 to 2.5	Pass	
0					3.85	28.009	0.0107	-2.5 to 2.5	Pass	
10					3.85	28.524	0.0109	-2.5 to 2.5	Pass	
30					3.85	28.381	0.0109	-2.5 to 2.5	Pass	
40					3.85	30.184	0.0116	-2.5 to 2.5	Pass	
50	3.85	32.516	0.0125	-2.5 to 2.5	Pass					

9. Frequency Stability

9.1 B4_1.4MHz

9.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	3.920	0.0023	-2.5 to 2.5	Pass
					3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	2.961	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-6.108	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
				40	3.85	10.786	0.0063	-2.5 to 2.5	Pass
	50	3.85	10.171	0.0059	-2.5 to 2.5	Pass			
	1732.5	6	0	20	3.27	17.524	0.0101	-2.5 to 2.5	Pass
					3.85	10.772	0.0062	-2.5 to 2.5	Pass
					4.43	13.947	0.0081	-2.5 to 2.5	Pass
				-30	3.85	19.755	0.0114	-2.5 to 2.5	Pass
				-20	3.85	13.604	0.0079	-2.5 to 2.5	Pass
				-10	3.85	14.791	0.0085	-2.5 to 2.5	Pass

				0	3.85	16.923	0.0098	-2.5 to 2.5	Pass				
				10	3.85	13.590	0.0078	-2.5 to 2.5	Pass				
				30	3.85	5.364	0.0031	-2.5 to 2.5	Pass				
				40	3.85	9.170	0.0053	-2.5 to 2.5	Pass				
				50	3.85	3.533	0.0020	-2.5 to 2.5	Pass				
	1754.3	6	0	20	3.27	-6.280	-0.0036	-2.5 to 2.5	Pass				
					3.85	-9.298	-0.0053	-2.5 to 2.5	Pass				
					4.43	-13.490	-0.0077	-2.5 to 2.5	Pass				
				-30	3.85	-10.099	-0.0058	-2.5 to 2.5	Pass				
				-20	3.85	2.332	0.0013	-2.5 to 2.5	Pass				
				-10	3.85	-16.751	-0.0095	-2.5 to 2.5	Pass				
				0	3.85	-7.381	-0.0042	-2.5 to 2.5	Pass				
				10	3.85	-12.674	-0.0072	-2.5 to 2.5	Pass				
				30	3.85	-15.764	-0.0090	-2.5 to 2.5	Pass				
				40	3.85	-20.971	-0.0120	-2.5 to 2.5	Pass				
				50	3.85	-14.062	-0.0080	-2.5 to 2.5	Pass				
				16QAM	1710.7	6	0	20	3.27	0.501	0.0003	-2.5 to 2.5	Pass
									3.85	1.116	0.0007	-2.5 to 2.5	Pass
									4.43	-0.544	-0.0003	-2.5 to 2.5	Pass
-30	3.85	-4.892	-0.0029					-2.5 to 2.5	Pass				
-20	3.85	0.257	0.0002					-2.5 to 2.5	Pass				
-10	3.85	-5.922	-0.0035					-2.5 to 2.5	Pass				
0	3.85	-6.566	-0.0038					-2.5 to 2.5	Pass				
10	3.85	-9.713	-0.0057					-2.5 to 2.5	Pass				
30	3.85	-3.891	-0.0023					-2.5 to 2.5	Pass				
40	3.85	-4.191	-0.0024					-2.5 to 2.5	Pass				
50	3.85	-2.174	-0.0013					-2.5 to 2.5	Pass				
1732.5	6	0	20					3.27	7.796	0.0045	-2.5 to 2.5	Pass	
								3.85	-0.672	-0.0004	-2.5 to 2.5	Pass	
								4.43	-2.804	-0.0016	-2.5 to 2.5	Pass	
			-30					3.85	7.811	0.0045	-2.5 to 2.5	Pass	
			-20		3.85	4.249	0.0025	-2.5 to 2.5	Pass				
			-10		3.85	15.235	0.0088	-2.5 to 2.5	Pass				
			0		3.85	-3.734	-0.0022	-2.5 to 2.5	Pass				
			10		3.85	0.358	0.0002	-2.5 to 2.5	Pass				
			30		3.85	2.003	0.0012	-2.5 to 2.5	Pass				
			40		3.85	2.875	0.0017	-2.5 to 2.5	Pass				
			50		3.85	-1.087	-0.0006	-2.5 to 2.5	Pass				
			1754.3		6	0	20	3.27	-11.444	-0.0065	-2.5 to 2.5	Pass	
								3.85	-11.773	-0.0067	-2.5 to 2.5	Pass	
								4.43	-7.596	-0.0043	-2.5 to 2.5	Pass	
							-30	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass	
-20	3.85	-15.135					-0.0086	-2.5 to 2.5	Pass				
-10	3.85	-19.741					-0.0113	-2.5 to 2.5	Pass				
0	3.85	-22.974					-0.0131	-2.5 to 2.5	Pass				
10	3.85	-9.770					-0.0056	-2.5 to 2.5	Pass				
30	3.85	-18.997		-0.0108			-2.5 to 2.5	Pass					
40	3.85	-9.112		-0.0052			-2.5 to 2.5	Pass					
50	3.85	-15.664		-0.0089			-2.5 to 2.5	Pass					

9.2 B4_3MHz

9.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	1711.5	15	0	20	3.27	13.647	0.0080	-2.5 to 2.5	Pass				
					3.85	-6.738	-0.0039	-2.5 to 2.5	Pass				
					4.43	-15.306	-0.0089	-2.5 to 2.5	Pass				
				-30	3.85	-6.452	-0.0038	-2.5 to 2.5	Pass				
					-20	3.85	-15.407	-0.0090	-2.5 to 2.5	Pass			
					-10	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass			
				1732.5	15	0	0	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass	
								10	3.85	-11.058	-0.0065	-2.5 to 2.5	Pass
								30	3.85	-10.157	-0.0059	-2.5 to 2.5	Pass
	40	3.85	-12.245				-0.0072	-2.5 to 2.5	Pass				
		50	3.85				-14.763	-0.0086	-2.5 to 2.5	Pass			
			20				3.27	-3.734	-0.0022	-2.5 to 2.5	Pass		
	3.85						-7.825	-0.0045	-2.5 to 2.5	Pass			
	4.43	-4.520					-0.0026	-2.5 to 2.5	Pass				
	1753.5	15	0				-30	3.85	-8.626	-0.0050	-2.5 to 2.5	Pass	
				-20	3.85	-5.722		-0.0033	-2.5 to 2.5	Pass			
				-10	3.85	-7.024		-0.0041	-2.5 to 2.5	Pass			
				0	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass				
					10	3.85	-8.769	-0.0051	-2.5 to 2.5	Pass			
					30	3.85	-14.033	-0.0081	-2.5 to 2.5	Pass			
				40	3.85	-13.032	-0.0075	-2.5 to 2.5	Pass				
					50	3.85	-8.569	-0.0049	-2.5 to 2.5	Pass			
						20	3.27	-2.203	-0.0013	-2.5 to 2.5	Pass		
	3.85	-12.531	-0.0071	-2.5 to 2.5			Pass						
	4.43	-12.217	-0.0070	-2.5 to 2.5	Pass								
	16QAM	1711.5	15	0	-30	3.85	-9.499	-0.0054	-2.5 to 2.5	Pass			
						-20	3.85	-9.699	-0.0055	-2.5 to 2.5	Pass		
-10						3.85	-6.666	-0.0038	-2.5 to 2.5	Pass			
0					3.85	-11.930	-0.0068	-2.5 to 2.5	Pass				
					10	3.85	-8.025	-0.0046	-2.5 to 2.5	Pass			
					30	3.85	-9.971	-0.0057	-2.5 to 2.5	Pass			
40					3.85	-6.981	-0.0040	-2.5 to 2.5	Pass				
					50	3.85	-19.226	-0.0110	-2.5 to 2.5	Pass			
						20	3.27	0.386	0.0002	-2.5 to 2.5	Pass		
3.85		-8.068	-0.0047	-2.5 to 2.5			Pass						
4.43		-9.198	-0.0054	-2.5 to 2.5	Pass								
1732.5		15	0	-30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass				
					-20	3.85	-11.430	-0.0067	-2.5 to 2.5	Pass			
					-10	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass			
				0	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass				
					10	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass			
					30	3.85	5.293	0.0031	-2.5 to 2.5	Pass			
				40	3.85	-13.132	-0.0077	-2.5 to 2.5	Pass				
					50	3.85	-15.407	-0.0090	-2.5 to 2.5	Pass			
						20	3.27	-16.322	-0.0094	-2.5 to 2.5	Pass		
3.85		-13.747	-0.0079	-2.5 to 2.5			Pass						
4.43		-12.746	-0.0074	-2.5 to 2.5	Pass								
1753.5		15	0	-30	3.85	-16.251	-0.0094	-2.5 to 2.5	Pass				
					-20	3.85	-9.155	-0.0053	-2.5 to 2.5	Pass			
					-10	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass			
				0	3.85	-16.108	-0.0093	-2.5 to 2.5	Pass				
					10	3.85	-15.492	-0.0089	-2.5 to 2.5	Pass			
	30				3.85	-12.946	-0.0075	-2.5 to 2.5	Pass				
	40			3.85	-3.304	-0.0019	-2.5 to 2.5	Pass					
				50	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass				
					20	3.27	-7.439	-0.0042	-2.5 to 2.5	Pass			
3.85	-10.228	-0.0058	-2.5 to 2.5			Pass							
4.43	-11.215	-0.0064	-2.5 to 2.5	Pass									
-30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass								

				-20	3.85	-7.381	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-12.631	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-16.279	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-8.426	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-14.577	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-17.023	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass

9.3 B4_5MHz

9.3.1 Test Result

Band: 4 / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1712.5	25	0	20	3.27	17.824	0.0104	-2.5 to 2.5	Pass	
					3.85	11.716	0.0068	-2.5 to 2.5	Pass	
					4.43	9.341	0.0055	-2.5 to 2.5	Pass	
				-30	3.85	14.148	0.0083	-2.5 to 2.5	Pass	
					-20	3.85	19.054	0.0111	-2.5 to 2.5	Pass
						3.85	17.209	0.0100	-2.5 to 2.5	Pass
				0	3.85	13.504	0.0079	-2.5 to 2.5	Pass	
					10	3.85	11.258	0.0066	-2.5 to 2.5	Pass
				30	3.85	14.076	0.0082	-2.5 to 2.5	Pass	
	40	3.85	9.527		0.0056	-2.5 to 2.5	Pass			
	50	3.85	6.409	0.0037	-2.5 to 2.5	Pass				
		20	3.27	-2.818	-0.0016	-2.5 to 2.5	Pass			
	3.85		-8.054	-0.0046	-2.5 to 2.5	Pass				
	4.43		-5.636	-0.0033	-2.5 to 2.5	Pass				
	1732.5	25	0	-30	3.85	-7.482	-0.0043	-2.5 to 2.5	Pass	
					-20	3.85	3.047	0.0018	-2.5 to 2.5	Pass
						3.85	-7.010	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	2.732	0.0016	-2.5 to 2.5	Pass	
					10	3.85	-8.225	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass	
					40	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass	
					20	3.27	6.409	0.0037	-2.5 to 2.5	Pass
	3.85	3.977	0.0023	-2.5 to 2.5		Pass				
	4.43	-2.475	-0.0014	-2.5 to 2.5		Pass				
	1752.5	25	0	-30	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass	
					-20	3.85	-4.277	-0.0024	-2.5 to 2.5	Pass
3.85						-5.193	-0.0030	-2.5 to 2.5	Pass	
-10				3.85	-7.625	-0.0044	-2.5 to 2.5	Pass		
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass	
30				3.85	-3.505	-0.0020	-2.5 to 2.5	Pass		
				40	3.85	2.975	0.0017	-2.5 to 2.5	Pass	
50				3.85	-8.769	-0.0050	-2.5 to 2.5	Pass		
				20	3.27	15.392	0.0090	-2.5 to 2.5	Pass	
3.85	15.378	0.0090	-2.5 to 2.5		Pass					
4.43	14.505	0.0085	-2.5 to 2.5		Pass					
16QAM	1712.5	25	0	-30	3.85	12.546	0.0073	-2.5 to 2.5	Pass	
					-20	3.85	14.777	0.0086	-2.5 to 2.5	Pass
						3.85	16.222	0.0095	-2.5 to 2.5	Pass
				-10	3.85	12.932	0.0076	-2.5 to 2.5	Pass	
					10	3.85	18.983	0.0111	-2.5 to 2.5	Pass
				30	3.85	11.501	0.0067	-2.5 to 2.5	Pass	

	1732.5	25	0	40	3.85	17.996	0.0105	-2.5 to 2.5	Pass
				50	3.85	22.531	0.0132	-2.5 to 2.5	Pass
				20	3.27	2.117	0.0012	-2.5 to 2.5	Pass
					3.85	3.934	0.0023	-2.5 to 2.5	Pass
					4.43	2.589	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	3.304	0.0019	-2.5 to 2.5	Pass
				-10	3.85	7.682	0.0044	-2.5 to 2.5	Pass
				0	3.85	13.905	0.0080	-2.5 to 2.5	Pass
				10	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
	30	3.85	0.472	0.0003	-2.5 to 2.5	Pass			
	40	3.85	10.843	0.0063	-2.5 to 2.5	Pass			
	50	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass			
	1752.5	25	0	20	3.27	-7.396	-0.0042	-2.5 to 2.5	Pass
					3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
					4.43	12.388	0.0071	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass
10				3.85	-2.890	-0.0016	-2.5 to 2.5	Pass	
30				3.85	-6.280	-0.0036	-2.5 to 2.5	Pass	
40				3.85	0.429	0.0002	-2.5 to 2.5	Pass	
50	3.85	-7.224	-0.0041	-2.5 to 2.5	Pass				

9.4 B4_10MHz

9.4.1 Test Result

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-11.845	-0.0069	-2.5 to 2.5	Pass
					3.85	-12.817	-0.0075	-2.5 to 2.5	Pass
					4.43	-19.226	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-14.534	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-15.507	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-12.288	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-16.022	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-18.096	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-15.850	-0.0092	-2.5 to 2.5	Pass
	50	3.85	-10.486	-0.0061	-2.5 to 2.5	Pass			
	1732.5	50	0	20	3.27	-5.393	-0.0031	-2.5 to 2.5	Pass
					3.85	-11.830	-0.0068	-2.5 to 2.5	Pass
					4.43	-2.947	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-11.258	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-9.813	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				10	3.85	3.490	0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
	50	3.85	2.561	0.0015	-2.5 to 2.5	Pass			
	1750	50	0	20	3.27	-1.459	-0.0008	-2.5 to 2.5	Pass
					3.85	-23.646	-0.0135	-2.5 to 2.5	Pass
					4.43	-16.909	-0.0097	-2.5 to 2.5	Pass

				-30	3.85	-13.947	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-20.957	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-16.923	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-14.548	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-20.213	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-13.804	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-12.102	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-17.509	-0.0100	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-19.712	-0.0115	-2.5 to 2.5	Pass
					3.85	-8.011	-0.0047	-2.5 to 2.5	Pass
					4.43	-18.454	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-14.734	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-19.240	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-17.767	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-12.045	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-13.132	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-16.794	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-11.029	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-18.411	-0.0107	-2.5 to 2.5	Pass
				1732.5	50	0	20	3.27	3.405
	3.85	6.466	0.0037					-2.5 to 2.5	Pass
	4.43	6.051	0.0035					-2.5 to 2.5	Pass
	-30	3.85	5.779				0.0033	-2.5 to 2.5	Pass
	-20	3.85	-3.333				-0.0019	-2.5 to 2.5	Pass
	-10	3.85	8.483				0.0049	-2.5 to 2.5	Pass
	0	3.85	8.354				0.0048	-2.5 to 2.5	Pass
	10	3.85	1.516				0.0009	-2.5 to 2.5	Pass
	30	3.85	3.576				0.0021	-2.5 to 2.5	Pass
	40	3.85	10.157				0.0059	-2.5 to 2.5	Pass
	50	3.85	7.195				0.0042	-2.5 to 2.5	Pass
	1750	50	0				20	3.27	-17.524
				3.85	-19.727	-0.0113		-2.5 to 2.5	Pass
				4.43	-9.041	-0.0052		-2.5 to 2.5	Pass
				-30	3.85	-14.462	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-12.989	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-14.892	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-20.356	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-21.186	-0.0121	-2.5 to 2.5	Pass
30				3.85	-14.591	-0.0083	-2.5 to 2.5	Pass	
40				3.85	-20.657	-0.0118	-2.5 to 2.5	Pass	
50				3.85	-16.265	-0.0093	-2.5 to 2.5	Pass	

9.5 B4_15MHz

9.5.1 Test Result

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-3.791	-0.0022	-2.5 to 2.5	Pass
					3.85	-15.965	-0.0093	-2.5 to 2.5	Pass
					4.43	-17.481	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-11.444	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-13.361	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-18.868	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-16.766	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-18.654	-0.0109	-2.5 to 2.5	Pass

	1732.5	75	0	30	3.85	-16.079	-0.0094	-2.5 to 2.5	Pass	
				40	3.85	-10.128	-0.0059	-2.5 to 2.5	Pass	
				50	3.85	-13.089	-0.0076	-2.5 to 2.5	Pass	
				20	3.27	-9.356	-0.0054	-2.5 to 2.5	Pass	
					3.85	-5.164	-0.0030	-2.5 to 2.5	Pass	
					4.43	-10.829	-0.0063	-2.5 to 2.5	Pass	
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass	
				-20	3.85	-6.781	-0.0039	-2.5 to 2.5	Pass	
				-10	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass	
	0	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass				
	10	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass				
	30	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass				
	40	3.85	1.917	0.0011	-2.5 to 2.5	Pass				
	50	3.85	3.719	0.0021	-2.5 to 2.5	Pass				
	1747.5	75	0	20	3.27	11.201	0.0064	-2.5 to 2.5	Pass	
					3.85	6.437	0.0037	-2.5 to 2.5	Pass	
					4.43	6.452	0.0037	-2.5 to 2.5	Pass	
				-30	3.85	13.547	0.0078	-2.5 to 2.5	Pass	
				-20	3.85	8.025	0.0046	-2.5 to 2.5	Pass	
				-10	3.85	13.375	0.0077	-2.5 to 2.5	Pass	
				0	3.85	18.497	0.0106	-2.5 to 2.5	Pass	
				10	3.85	13.962	0.0080	-2.5 to 2.5	Pass	
				30	3.85	14.033	0.0080	-2.5 to 2.5	Pass	
				40	3.85	16.394	0.0094	-2.5 to 2.5	Pass	
				50	3.85	15.192	0.0087	-2.5 to 2.5	Pass	
	16QAM	1717.5	75	0	20	3.27	-12.031	-0.0070	-2.5 to 2.5	Pass
						3.85	-17.710	-0.0103	-2.5 to 2.5	Pass
4.43						-15.392	-0.0090	-2.5 to 2.5	Pass	
-30					3.85	-20.885	-0.0122	-2.5 to 2.5	Pass	
-20					3.85	-14.105	-0.0082	-2.5 to 2.5	Pass	
-10					3.85	-19.727	-0.0115	-2.5 to 2.5	Pass	
0					3.85	-16.308	-0.0095	-2.5 to 2.5	Pass	
10					3.85	-19.584	-0.0114	-2.5 to 2.5	Pass	
30					3.85	-18.396	-0.0107	-2.5 to 2.5	Pass	
40		3.85	-18.854	-0.0110	-2.5 to 2.5	Pass				
50		3.85	-21.400	-0.0125	-2.5 to 2.5	Pass				
1732.5		75	0	20	3.27	2.460	0.0014	-2.5 to 2.5	Pass	
					3.85	10.514	0.0061	-2.5 to 2.5	Pass	
					4.43	1.388	0.0008	-2.5 to 2.5	Pass	
				-30	3.85	3.204	0.0018	-2.5 to 2.5	Pass	
				-20	3.85	9.298	0.0054	-2.5 to 2.5	Pass	
				-10	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass	
				0	3.85	6.723	0.0039	-2.5 to 2.5	Pass	
				10	3.85	9.556	0.0055	-2.5 to 2.5	Pass	
				30	3.85	3.948	0.0023	-2.5 to 2.5	Pass	
40		3.85	6.194	0.0036	-2.5 to 2.5	Pass				
50		3.85	9.956	0.0057	-2.5 to 2.5	Pass				
1747.5		75	0	20	3.27	20.227	0.0116	-2.5 to 2.5	Pass	
					3.85	27.065	0.0155	-2.5 to 2.5	Pass	
					4.43	28.725	0.0164	-2.5 to 2.5	Pass	
				-30	3.85	21.901	0.0125	-2.5 to 2.5	Pass	
				-20	3.85	17.209	0.0098	-2.5 to 2.5	Pass	
	-10			3.85	22.759	0.0130	-2.5 to 2.5	Pass		
	0			3.85	19.655	0.0112	-2.5 to 2.5	Pass		
	10			3.85	14.520	0.0083	-2.5 to 2.5	Pass		
	30			3.85	17.552	0.0100	-2.5 to 2.5	Pass		
40	3.85	23.260	0.0133	-2.5 to 2.5	Pass					
50	3.85	17.653	0.0101	-2.5 to 2.5	Pass					

9.6 B4_20MHz

9.6.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-22.459	-0.0131	-2.5 to 2.5	Pass
					3.85	-29.826	-0.0173	-2.5 to 2.5	Pass
					4.43	-32.930	-0.0191	-2.5 to 2.5	Pass
				-30	3.85	-32.330	-0.0188	-2.5 to 2.5	Pass
				-20	3.85	-32.845	-0.0191	-2.5 to 2.5	Pass
				-10	3.85	-27.652	-0.0161	-2.5 to 2.5	Pass
				0	3.85	-26.164	-0.0152	-2.5 to 2.5	Pass
				10	3.85	-26.035	-0.0151	-2.5 to 2.5	Pass
				30	3.85	-26.164	-0.0152	-2.5 to 2.5	Pass
	40	3.85	-25.692	-0.0149	-2.5 to 2.5	Pass			
	50	3.85	-22.702	-0.0132	-2.5 to 2.5	Pass			
	1732.5	100	0	20	3.27	-12.646	-0.0073	-2.5 to 2.5	Pass
					3.85	-15.063	-0.0087	-2.5 to 2.5	Pass
					4.43	-16.279	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				0	3.85	2.003	0.0012	-2.5 to 2.5	Pass
				10	3.85	7.010	0.0040	-2.5 to 2.5	Pass
				30	3.85	15.893	0.0092	-2.5 to 2.5	Pass
	40	3.85	16.823	0.0097	-2.5 to 2.5	Pass			
	50	3.85	20.714	0.0120	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-9.027	-0.0052	-2.5 to 2.5	Pass
					3.85	-22.116	-0.0127	-2.5 to 2.5	Pass
					4.43	-18.969	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-15.078	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-11.444	-0.0066	-2.5 to 2.5	Pass
-10				3.85	-8.755	-0.0050	-2.5 to 2.5	Pass	
0				3.85	3.290	0.0019	-2.5 to 2.5	Pass	
10				3.85	-7.496	-0.0043	-2.5 to 2.5	Pass	
30				3.85	-7.982	-0.0046	-2.5 to 2.5	Pass	
40	3.85	2.074	0.0012	-2.5 to 2.5	Pass				
50	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass				
16QAM	1720	100	0	20	3.27	-18.611	-0.0108	-2.5 to 2.5	Pass
					3.85	-25.764	-0.0150	-2.5 to 2.5	Pass
					4.43	-29.411	-0.0171	-2.5 to 2.5	Pass
				-30	3.85	-28.539	-0.0166	-2.5 to 2.5	Pass
				-20	3.85	-30.813	-0.0179	-2.5 to 2.5	Pass
				-10	3.85	-32.229	-0.0187	-2.5 to 2.5	Pass
				0	3.85	-29.655	-0.0172	-2.5 to 2.5	Pass
				10	3.85	-38.738	-0.0225	-2.5 to 2.5	Pass
				30	3.85	-37.136	-0.0216	-2.5 to 2.5	Pass
	40	3.85	-37.665	-0.0219	-2.5 to 2.5	Pass			
	50	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass			
	1732.5	100	0	20	3.27	26.236	0.0151	-2.5 to 2.5	Pass
					3.85	22.302	0.0129	-2.5 to 2.5	Pass
					4.43	18.368	0.0106	-2.5 to 2.5	Pass
				-30	3.85	28.367	0.0164	-2.5 to 2.5	Pass
				-20	3.85	24.076	0.0139	-2.5 to 2.5	Pass
				-10	3.85	21.529	0.0124	-2.5 to 2.5	Pass
				0	3.85	27.566	0.0159	-2.5 to 2.5	Pass