1. Frequency Stability

1.1 B2_1.4MHz

1.1.1 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	3.23	-19.692	-0.0106	-2.5 to 2.5	Pass
					3.8	-15.295	-0.0083	-2.5 to 2.5	Pass
					4.37	-18.289	-0.0099	-2.5 to 2.5	Pass
				-30	3.8	-5.069	-0.0027	-2.5 to 2.5	Pass
				-20	3.8	0.578	0.0003	-2.5 to 2.5	Pass
				-10	3.8	-16.865	-0.0091	-2.5 to 2.5	Pass
				0	3.8	2.112	0.0011	-2.5 to 2.5	Pass
				10	3.8	0.389	0.0002	-2.5 to 2.5	Pass
				30	3.8	-10.620	-0.0057	-2.5 to 2.5	Pass
				40	3.8	-4.234	-0.0023	-2.5 to 2.5	Pass
				50	3.8	-9.968	-0.0054	-2.5 to 2.5	Pass
	1880	6	0	20	3.23	-9.018	-0.0048	-2.5 to 2.5	Pass
					3.8	0.092	0.0000	-2.5 to 2.5	Pass
					4.37	-14.039	-0.0075	-2.5 to 2.5	Pass
				-30	3.8	1.432	0.0008	-2.5 to 2.5	Pass
				-20	3.8	-0.568	-0.0003	-2.5 to 2.5	Pass
				-10	3.8	-11.537	-0.0061	-2.5 to 2.5	Pass
				0	3.8	5.608	0.0030	-2.5 to 2.5	Pass
				10	3.8	5.099	0.0027	-2.5 to 2.5	Pass
				30	3.8	3.092	0.0016	-2.5 to 2.5	Pass
				40	3.8	7.121	0.0038	-2.5 to 2.5	Pass
				50	3.8	-2.692	-0.0014	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.23	6.538	0.0034	-2.5 to 2.5	Pass
					3.8	0.053	0.0000	-2.5 to 2.5	Pass
					4.37	-4.072	-0.0021	-2.5 to 2.5	Pass
				-30	3.8	-7.785	-0.0041	-2.5 to 2.5	Pass
				-20	3.8	5.358	0.0028	-2.5 to 2.5	Pass
				-10	3.8	1.907	0.0010	-2.5 to 2.5	Pass
				0	3.8	11.996	0.0063	-2.5 to 2.5	Pass
				10	3.8	-13.039	-0.0068	-2.5 to 2.5	Pass
				30	3.8	-3.772	-0.0020	-2.5 to 2.5	Pass
				40	3.8	-15.688	-0.0082	-2.5 to 2.5	Pass
				50	3.8	-3.726	-0.0020	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.23	4.521	0.0024	-2.5 to 2.5	Pass
					3.8	12.434	0.0067	-2.5 to 2.5	Pass
					4.37	-1.429	-0.0008	-2.5 to 2.5	Pass
				-30	3.8	4.988	0.0027	-2.5 to 2.5	Pass
				-20	3.8	5.222	0.0028	-2.5 to 2.5	Pass
				-10	3.8	-1.441	-0.0008	-2.5 to 2.5	Pass
				0	3.8	8.041	0.0043	-2.5 to 2.5	Pass
				10	3.8	1.869	0.0010	-2.5 to 2.5	Pass
				30	3.8	-0.795	-0.0004	-2.5 to 2.5	Pass
				40	3.8	5.345	0.0029	-2.5 to 2.5	Pass
				50	3.8	-15.587	-0.0084	-2.5 to 2.5	Pass
	1880	6	0	20	3.23	15.314	0.0081	-2.5 to 2.5	Pass
					3.8	-1.880	-0.0010	-2.5 to 2.5	Pass
					4.37	6.899	0.0037	-2.5 to 2.5	Pass

				-30	3.8	4.785	0.0025	-2.5 to 2.5	Pass
				-20	3.8	-9.093	-0.0048	-2.5 to 2.5	Pass
				-10	3.8	5.445	0.0029	-2.5 to 2.5	Pass
				0	3.8	-0.923	-0.0005	-2.5 to 2.5	Pass
				10	3.8	4.362	0.0023	-2.5 to 2.5	Pass
				30	3.8	-1.149	-0.0006	-2.5 to 2.5	Pass
				40	3.8	6.678	0.0036	-2.5 to 2.5	Pass
				50	3.8	8.946	0.0048	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.23	-8.358	-0.0044	-2.5 to 2.5	Pass
					3.8	-8.823	-0.0046	-2.5 to 2.5	Pass
					4.37	-5.604	-0.0029	-2.5 to 2.5	Pass
				-30	3.8	2.714	0.0014	-2.5 to 2.5	Pass
				-20	3.8	-7.526	-0.0039	-2.5 to 2.5	Pass
				-10	3.8	-12.162	-0.0064	-2.5 to 2.5	Pass
				0	3.8	0.229	0.0001	-2.5 to 2.5	Pass
				10	3.8	-4.582	-0.0024	-2.5 to 2.5	Pass
				30	3.8	-15.499	-0.0081	-2.5 to 2.5	Pass
				40	3.8	10.869	0.0057	-2.5 to 2.5	Pass
				50	3.8	10.790	0.0057	-2.5 to 2.5	Pass

1.2 B2_3MHz

1.2.1 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	3.23	-18.642	-0.0101	-2.5 to 2.5	Pass
					3.8	-15.221	-0.0082	-2.5 to 2.5	Pass
					4.37	-2.724	-0.0015	-2.5 to 2.5	Pass
				-30	3.8	2.417	0.0013	-2.5 to 2.5	Pass
				-20	3.8	-14.334	-0.0077	-2.5 to 2.5	Pass
				-10	3.8	-16.261	-0.0088	-2.5 to 2.5	Pass
				0	3.8	-2.525	-0.0014	-2.5 to 2.5	Pass
				10	3.8	-4.225	-0.0023	-2.5 to 2.5	Pass
				30	3.8	-3.506	-0.0019	-2.5 to 2.5	Pass
				40	3.8	5.428	0.0029	-2.5 to 2.5	Pass
				50	3.8	2.375	0.0013	-2.5 to 2.5	Pass
	1880	15	0	20	3.23	-2.296	-0.0012	-2.5 to 2.5	Pass
					3.8	-3.553	-0.0019	-2.5 to 2.5	Pass
					4.37	-12.439	-0.0066	-2.5 to 2.5	Pass
				-30	3.8	-10.021	-0.0053	-2.5 to 2.5	Pass
				-20	3.8	8.484	0.0045	-2.5 to 2.5	Pass
				-10	3.8	-1.411	-0.0008	-2.5 to 2.5	Pass
				0	3.8	-0.096	-0.0001	-2.5 to 2.5	Pass
				10	3.8	-0.599	-0.0003	-2.5 to 2.5	Pass
				30	3.8	3.739	0.0020	-2.5 to 2.5	Pass
				40	3.8	-4.778	-0.0025	-2.5 to 2.5	Pass
				50	3.8	11.486	0.0061	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.23	-13.309	-0.0070	-2.5 to 2.5	Pass
					3.8	-6.730	-0.0035	-2.5 to 2.5	Pass
					4.37	5.425	0.0028	-2.5 to 2.5	Pass
				-30	3.8	6.431	0.0034	-2.5 to 2.5	Pass
				-20	3.8	-1.503	-0.0008	-2.5 to 2.5	Pass
				-10	3.8	-6.397	-0.0034	-2.5 to 2.5	Pass
				0	3.8	3.986	0.0021	-2.5 to 2.5	Pass
				10	3.8	-4.999	-0.0026	-2.5 to 2.5	Pass
				30	3.8	0.341	0.0002	-2.5 to 2.5	Pass

				40	3.8	6.896	0.0036	-2.5 to 2.5	Pass
				50	3.8	1.910	0.0010	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.23	-4.432	-0.0024	-2.5 to 2.5	Pass
					3.8	-0.718	-0.0004	-2.5 to 2.5	Pass
					4.37	10.030	0.0054	-2.5 to 2.5	Pass
				-30	3.8	4.527	0.0024	-2.5 to 2.5	Pass
				-20	3.8	2.829	0.0015	-2.5 to 2.5	Pass
				-10	3.8	5.093	0.0028	-2.5 to 2.5	Pass
				0	3.8	-7.680	-0.0041	-2.5 to 2.5	Pass
				10	3.8	-0.618	-0.0003	-2.5 to 2.5	Pass
				30	3.8	11.020	0.0060	-2.5 to 2.5	Pass
				40	3.8	7.846	0.0042	-2.5 to 2.5	Pass
				50	3.8	-1.604	-0.0009	-2.5 to 2.5	Pass
	1880	15	0	20	3.23	-11.303	-0.0060	-2.5 to 2.5	Pass
					3.8	13.232	0.0070	-2.5 to 2.5	Pass
					4.37	-1.568	-0.0008	-2.5 to 2.5	Pass
				-30	3.8	4.410	0.0023	-2.5 to 2.5	Pass
				-20	3.8	8.611	0.0046	-2.5 to 2.5	Pass
				-10	3.8	3.147	0.0017	-2.5 to 2.5	Pass
				0	3.8	-14.381	-0.0076	-2.5 to 2.5	Pass
				10	3.8	10.892	0.0058	-2.5 to 2.5	Pass
				30	3.8	-0.078	0.0000	-2.5 to 2.5	Pass
				40	3.8	3.359	0.0018	-2.5 to 2.5	Pass
				50	3.8	16.436	0.0087	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.23	17.407	0.0091	-2.5 to 2.5	Pass
					3.8	11.665	0.0061	-2.5 to 2.5	Pass
					4.37	-1.938	-0.0010	-2.5 to 2.5	Pass
				-30	3.8	-13.520	-0.0071	-2.5 to 2.5	Pass
				-20	3.8	11.648	0.0061	-2.5 to 2.5	Pass
				-10	3.8	3.909	0.0020	-2.5 to 2.5	Pass
				0	3.8	4.476	0.0023	-2.5 to 2.5	Pass
				10	3.8	-0.280	-0.0001	-2.5 to 2.5	Pass
				30	3.8	-2.383	-0.0012	-2.5 to 2.5	Pass
				40	3.8	12.796	0.0067	-2.5 to 2.5	Pass
				50	3.8	15.388	0.0081	-2.5 to 2.5	Pass

1.3 B2_5MHz

1.3.1 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	3.23	-21.589	-0.0117	-2.5 to 2.5	Pass
					3.8	-14.709	-0.0079	-2.5 to 2.5	Pass
					4.37	-12.773	-0.0069	-2.5 to 2.5	Pass
				-30	3.8	-5.426	-0.0029	-2.5 to 2.5	Pass
				-20	3.8	4.363	0.0024	-2.5 to 2.5	Pass
				-10	3.8	-12.757	-0.0069	-2.5 to 2.5	Pass
				0	3.8	-18.021	-0.0097	-2.5 to 2.5	Pass
				10	3.8	-7.658	-0.0041	-2.5 to 2.5	Pass
				30	3.8	-17.128	-0.0092	-2.5 to 2.5	Pass
				40	3.8	-16.482	-0.0089	-2.5 to 2.5	Pass
				50	3.8	-3.158	-0.0017	-2.5 to 2.5	Pass
	1880	25	0	20	3.23	-5.269	-0.0028	-2.5 to 2.5	Pass
					3.8	-11.713	-0.0062	-2.5 to 2.5	Pass
					4.37	-19.135	-0.0102	-2.5 to 2.5	Pass
				-30	3.8	-7.484	-0.0040	-2.5 to 2.5	Pass

				-20	3.8	-1.708	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-5.647	-0.0030	-2.5 to 2.5	Pass
				0	3.8	-9.839	-0.0052	-2.5 to 2.5	Pass
				10	3.8	3.523	0.0019	-2.5 to 2.5	Pass
				30	3.8	3.438	0.0018	-2.5 to 2.5	Pass
				40	3.8	-3.570	-0.0019	-2.5 to 2.5	Pass
				50	3.8	4.647	0.0025	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.23	1.025	0.0005	-2.5 to 2.5	Pass
					3.8	-2.903	-0.0015	-2.5 to 2.5	Pass
					4.37	-7.849	-0.0041	-2.5 to 2.5	Pass
				-30	3.8	-6.725	-0.0035	-2.5 to 2.5	Pass
				-20	3.8	1.130	0.0006	-2.5 to 2.5	Pass
				-10	3.8	-3.239	-0.0017	-2.5 to 2.5	Pass
				0	3.8	-14.025	-0.0074	-2.5 to 2.5	Pass
				10	3.8	-8.445	-0.0044	-2.5 to 2.5	Pass
				30	3.8	-13.564	-0.0071	-2.5 to 2.5	Pass
				40	3.8	-11.079	-0.0058	-2.5 to 2.5	Pass
				50	3.8	5.360	0.0028	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.23	1.599	0.0009	-2.5 to 2.5	Pass
					3.8	8.377	0.0045	-2.5 to 2.5	Pass
					4.37	15.585	0.0084	-2.5 to 2.5	Pass
				-30	3.8	6.572	0.0035	-2.5 to 2.5	Pass
				-20	3.8	6.950	0.0038	-2.5 to 2.5	Pass
				-10	3.8	-6.328	-0.0034	-2.5 to 2.5	Pass
				0	3.8	-0.540	-0.0003	-2.5 to 2.5	Pass
				10	3.8	1.384	0.0007	-2.5 to 2.5	Pass
				30	3.8	-11.468	-0.0062	-2.5 to 2.5	Pass
				40	3.8	-8.430	-0.0046	-2.5 to 2.5	Pass
				50	3.8	-14.966	-0.0081	-2.5 to 2.5	Pass
	1880	25	0	20	3.23	12.934	0.0069	-2.5 to 2.5	Pass
					3.8	11.568	0.0062	-2.5 to 2.5	Pass
					4.37	0.030	0.0000	-2.5 to 2.5	Pass
				-30	3.8	-10.685	-0.0057	-2.5 to 2.5	Pass
				-20	3.8	-2.305	-0.0012	-2.5 to 2.5	Pass
				-10	3.8	-16.724	-0.0089	-2.5 to 2.5	Pass
				0	3.8	6.709	0.0036	-2.5 to 2.5	Pass
				10	3.8	-9.558	-0.0051	-2.5 to 2.5	Pass
				30	3.8	4.651	0.0025	-2.5 to 2.5	Pass
				40	3.8	0.871	0.0005	-2.5 to 2.5	Pass
				50	3.8	-6.702	-0.0036	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.23	-2.826	-0.0015	-2.5 to 2.5	Pass
					3.8	-6.704	-0.0035	-2.5 to 2.5	Pass
					4.37	2.657	0.0014	-2.5 to 2.5	Pass
				-30	3.8	13.165	0.0069	-2.5 to 2.5	Pass
				-20	3.8	-2.401	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	-2.729	-0.0014	-2.5 to 2.5	Pass
				0	3.8	-3.065	-0.0016	-2.5 to 2.5	Pass
				10	3.8	-8.015	-0.0042	-2.5 to 2.5	Pass
				30	3.8	-13.106	-0.0069	-2.5 to 2.5	Pass
				40	3.8	-4.016	-0.0021	-2.5 to 2.5	Pass
				50	3.8	6.407	0.0034	-2.5 to 2.5	Pass

1.4 B2_10MHz

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	1855	50	0	20	3.23	-7.374	-0.0040	-2.5 to 2.5	Pass
					3.8	-17.427	-0.0094	-2.5 to 2.5	Pass
					4.37	-0.334	-0.0002	-2.5 to 2.5	Pass
				-30	3.8	-8.514	-0.0046	-2.5 to 2.5	Pass
				-20	3.8	-8.857	-0.0048	-2.5 to 2.5	Pass
				-10	3.8	-1.118	-0.0006	-2.5 to 2.5	Pass
				0	3.8	-7.312	-0.0039	-2.5 to 2.5	Pass
				10	3.8	4.528	0.0024	-2.5 to 2.5	Pass
				30	3.8	-2.874	-0.0015	-2.5 to 2.5	Pass
				40	3.8	-0.647	-0.0003	-2.5 to 2.5	Pass
				50	3.8	-3.608	-0.0019	-2.5 to 2.5	Pass
	1880	50	0	20	3.23	-5.488	-0.0029	-2.5 to 2.5	Pass
					3.8	-16.801	-0.0089	-2.5 to 2.5	Pass
					4.37	3.253	0.0017	-2.5 to 2.5	Pass
				-30	3.8	-2.207	-0.0012	-2.5 to 2.5	Pass
				-20	3.8	-8.869	-0.0047	-2.5 to 2.5	Pass
				-10	3.8	-13.473	-0.0072	-2.5 to 2.5	Pass
				0	3.8	-11.462	-0.0061	-2.5 to 2.5	Pass
				10	3.8	-5.313	-0.0028	-2.5 to 2.5	Pass
				30	3.8	-3.094	-0.0016	-2.5 to 2.5	Pass
				40	3.8	2.136	0.0011	-2.5 to 2.5	Pass
				50	3.8	-11.608	-0.0062	-2.5 to 2.5	Pass
	1905	50	0	20	3.23	6.143	0.0032	-2.5 to 2.5	Pass
					3.8	-5.976	-0.0031	-2.5 to 2.5	Pass
					4.37	-8.357	-0.0044	-2.5 to 2.5	Pass
				-30	3.8	3.654	0.0019	-2.5 to 2.5	Pass
				-20	3.8	2.207	0.0012	-2.5 to 2.5	Pass
				-10	3.8	16.855	0.0088	-2.5 to 2.5	Pass
				0	3.8	-5.902	-0.0031	-2.5 to 2.5	Pass
				10	3.8	2.072	0.0011	-2.5 to 2.5	Pass
				30	3.8	-2.530	-0.0013	-2.5 to 2.5	Pass
				40	3.8	-1.089	-0.0006	-2.5 to 2.5	Pass
				50	3.8	10.672	0.0056	-2.5 to 2.5	Pass
16QAM	1855	27	0	20	3.23	-8.317	-0.0045	-2.5 to 2.5	Pass
					3.8	-17.665	-0.0095	-2.5 to 2.5	Pass
					4.37	3.695	0.0020	-2.5 to 2.5	Pass
				-30	3.8	-15.391	-0.0083	-2.5 to 2.5	Pass
				-20	3.8	-12.750	-0.0069	-2.5 to 2.5	Pass
				-10	3.8	-22.232	-0.0120	-2.5 to 2.5	Pass
				0	3.8	12.798	0.0069	-2.5 to 2.5	Pass
				10	3.8	6.437	0.0035	-2.5 to 2.5	Pass
				30	3.8	-7.389	-0.0040	-2.5 to 2.5	Pass
				40	3.8	4.450	0.0024	-2.5 to 2.5	Pass
				50	3.8	-16.841	-0.0091	-2.5 to 2.5	Pass
	1880	27	0	20	3.23	8.736	0.0046	-2.5 to 2.5	Pass
					3.8	-20.591	-0.0110	-2.5 to 2.5	Pass
					4.37	-8.704	-0.0046	-2.5 to 2.5	Pass
				-30	3.8	-15.311	-0.0081	-2.5 to 2.5	Pass
				-20	3.8	-13.376	-0.0071	-2.5 to 2.5	Pass
				-10	3.8	-19.841	-0.0106	-2.5 to 2.5	Pass
				0	3.8	-2.129	-0.0011	-2.5 to 2.5	Pass
				10	3.8	-5.333	-0.0028	-2.5 to 2.5	Pass
				30	3.8	-8.363	-0.0044	-2.5 to 2.5	Pass
				40	3.8	-10.210	-0.0054	-2.5 to 2.5	Pass
				50	3.8	2.818	0.0015	-2.5 to 2.5	Pass
	1905	27	23	20	3.23	-7.896	-0.0041	-2.5 to 2.5	Pass
					3.8	-7.306	-0.0038	-2.5 to 2.5	Pass
					4.37	6.565	0.0034	-2.5 to 2.5	Pass

				-30	3.8	-13.535	-0.0071	-2.5 to 2.5	Pass
				-20	3.8	-2.259	-0.0012	-2.5 to 2.5	Pass
				-10	3.8	-0.527	-0.0003	-2.5 to 2.5	Pass
				0	3.8	-5.597	-0.0029	-2.5 to 2.5	Pass
				10	3.8	1.914	0.0010	-2.5 to 2.5	Pass
				30	3.8	2.263	0.0012	-2.5 to 2.5	Pass
				40	3.8	-1.369	-0.0007	-2.5 to 2.5	Pass
				50	3.8	-11.472	-0.0060	-2.5 to 2.5	Pass

1.5 B2_15MHz

1.5.1 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	3.23	-23.038	-0.0124	-2.5 to 2.5	Pass
					3.8	-8.723	-0.0047	-2.5 to 2.5	Pass
					4.37	-13.222	-0.0071	-2.5 to 2.5	Pass
				-30	3.8	-13.928	-0.0075	-2.5 to 2.5	Pass
				-20	3.8	-13.407	-0.0072	-2.5 to 2.5	Pass
				-10	3.8	-13.665	-0.0074	-2.5 to 2.5	Pass
				0	3.8	-13.448	-0.0072	-2.5 to 2.5	Pass
				10	3.8	7.605	0.0041	-2.5 to 2.5	Pass
				30	3.8	-7.470	-0.0040	-2.5 to 2.5	Pass
				40	3.8	-10.204	-0.0055	-2.5 to 2.5	Pass
				50	3.8	4.418	0.0024	-2.5 to 2.5	Pass
	1880	75	0	20	3.23	-16.490	-0.0088	-2.5 to 2.5	Pass
					3.8	-16.616	-0.0088	-2.5 to 2.5	Pass
					4.37	-16.192	-0.0086	-2.5 to 2.5	Pass
				-30	3.8	-17.318	-0.0092	-2.5 to 2.5	Pass
				-20	3.8	-16.749	-0.0089	-2.5 to 2.5	Pass
				-10	3.8	0.892	0.0005	-2.5 to 2.5	Pass
				0	3.8	-10.488	-0.0056	-2.5 to 2.5	Pass
				10	3.8	-13.079	-0.0070	-2.5 to 2.5	Pass
				30	3.8	8.624	0.0046	-2.5 to 2.5	Pass
				40	3.8	5.152	0.0027	-2.5 to 2.5	Pass
				50	3.8	-13.929	-0.0074	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.23	-14.861	-0.0078	-2.5 to 2.5	Pass
					3.8	-17.790	-0.0094	-2.5 to 2.5	Pass
					4.37	-23.456	-0.0123	-2.5 to 2.5	Pass
				-30	3.8	-5.204	-0.0027	-2.5 to 2.5	Pass
				-20	3.8	-15.073	-0.0079	-2.5 to 2.5	Pass
				-10	3.8	-17.429	-0.0092	-2.5 to 2.5	Pass
				0	3.8	5.206	0.0027	-2.5 to 2.5	Pass
				10	3.8	-3.660	-0.0019	-2.5 to 2.5	Pass
				30	3.8	-15.105	-0.0079	-2.5 to 2.5	Pass
				40	3.8	1.479	0.0008	-2.5 to 2.5	Pass
				50	3.8	-8.967	-0.0047	-2.5 to 2.5	Pass
16QAM	1857.5	27	0	20	3.23	-8.012	-0.0043	-2.5 to 2.5	Pass
					3.8	-3.682	-0.0020	-2.5 to 2.5	Pass
					4.37	-3.464	-0.0019	-2.5 to 2.5	Pass
				-30	3.8	-15.194	-0.0082	-2.5 to 2.5	Pass
				-20	3.8	2.817	0.0015	-2.5 to 2.5	Pass
				-10	3.8	-15.763	-0.0085	-2.5 to 2.5	Pass
				0	3.8	8.787	0.0047	-2.5 to 2.5	Pass
				10	3.8	-11.330	-0.0061	-2.5 to 2.5	Pass
				30	3.8	-2.509	-0.0014	-2.5 to 2.5	Pass

				40	3.8	-6.989	-0.0038	-2.5 to 2.5	Pass
				50	3.8	-5.431	-0.0029	-2.5 to 2.5	Pass
					3.23	-3.009	-0.0016	-2.5 to 2.5	Pass
				20	3.8	-9.089	-0.0048	-2.5 to 2.5	Pass
					4.37	-2.028	-0.0011	-2.5 to 2.5	Pass
				-30	3.8	-19.513	-0.0104	-2.5 to 2.5	Pass
				-20	3.8	-8.271	-0.0044	-2.5 to 2.5	Pass
	1880	27	0	-10	3.8	-12.793	-0.0068	-2.5 to 2.5	Pass
				0	3.8	-1.516	-0.0008	-2.5 to 2.5	Pass
				10	3.8	19.282	0.0103	-2.5 to 2.5	Pass
				30	3.8	-9.377	-0.0050	-2.5 to 2.5	Pass
				40	3.8	-5.566	-0.0030	-2.5 to 2.5	Pass
				50	3.8	-18.110	-0.0096	-2.5 to 2.5	Pass
					3.23	-13.032	-0.0068	-2.5 to 2.5	Pass
				20	3.8	-14.131	-0.0074	-2.5 to 2.5	Pass
					4.37	-5.015	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	-7.805	-0.0041	-2.5 to 2.5	Pass
				-20	3.8	-2.433	-0.0013	-2.5 to 2.5	Pass
	1902.5	27	48	-10	3.8	-6.057	-0.0032	-2.5 to 2.5	Pass
				0	3.8	0.649	0.0003	-2.5 to 2.5	Pass
				10	3.8	6.721	0.0035	-2.5 to 2.5	Pass
				30	3.8	0.164	0.0001	-2.5 to 2.5	Pass
				40	3.8	-4.176	-0.0022	-2.5 to 2.5	Pass
				50	3.8	-4.197	-0.0022	-2.5 to 2.5	Pass

1.6 B2_20MHz

1.6.1 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	3.23	-26.183	-0.0141	-2.5 to 2.5	Pass
					3.8	-7.769	-0.0042	-2.5 to 2.5	Pass
					4.37	-10.332	-0.0056	-2.5 to 2.5	Pass
				-30	3.8	-1.096	-0.0006	-2.5 to 2.5	Pass
				-20	3.8	-5.277	-0.0028	-2.5 to 2.5	Pass
				-10	3.8	-19.216	-0.0103	-2.5 to 2.5	Pass
				0	3.8	-15.851	-0.0085	-2.5 to 2.5	Pass
				10	3.8	5.926	0.0032	-2.5 to 2.5	Pass
				30	3.8	-0.490	-0.0003	-2.5 to 2.5	Pass
				40	3.8	-20.820	-0.0112	-2.5 to 2.5	Pass
				50	3.8	-4.166	-0.0022	-2.5 to 2.5	Pass
	1880	100	0	20	3.23	-25.798	-0.0137	-2.5 to 2.5	Pass
					3.8	-13.104	-0.0070	-2.5 to 2.5	Pass
					4.37	-6.486	-0.0035	-2.5 to 2.5	Pass
				-30	3.8	-6.689	-0.0036	-2.5 to 2.5	Pass
				-20	3.8	-12.136	-0.0065	-2.5 to 2.5	Pass
				-10	3.8	-5.831	-0.0031	-2.5 to 2.5	Pass
				0	3.8	-8.894	-0.0047	-2.5 to 2.5	Pass
				10	3.8	-10.165	-0.0054	-2.5 to 2.5	Pass
				30	3.8	0.197	0.0001	-2.5 to 2.5	Pass
				40	3.8	-14.396	-0.0077	-2.5 to 2.5	Pass
				50	3.8	9.609	0.0051	-2.5 to 2.5	Pass
	1900	100	0	20	3.23	-11.928	-0.0063	-2.5 to 2.5	Pass
					3.8	-5.924	-0.0031	-2.5 to 2.5	Pass
					4.37	-20.185	-0.0106	-2.5 to 2.5	Pass
				-30	3.8	-18.158	-0.0096	-2.5 to 2.5	Pass

				-20	3.8	-18.568	-0.0098	-2.5 to 2.5	Pass
				-10	3.8	-25.579	-0.0135	-2.5 to 2.5	Pass
				0	3.8	-11.909	-0.0063	-2.5 to 2.5	Pass
				10	3.8	-12.626	-0.0066	-2.5 to 2.5	Pass
				30	3.8	-2.859	-0.0015	-2.5 to 2.5	Pass
				40	3.8	-12.755	-0.0067	-2.5 to 2.5	Pass
				50	3.8	-9.583	-0.0050	-2.5 to 2.5	Pass
16QAM	1860	27	0	20	3.23	-0.217	-0.0001	-2.5 to 2.5	Pass
					3.8	-10.633	-0.0057	-2.5 to 2.5	Pass
					4.37	-13.212	-0.0071	-2.5 to 2.5	Pass
				-30	3.8	-6.723	-0.0036	-2.5 to 2.5	Pass
				-20	3.8	-14.933	-0.0080	-2.5 to 2.5	Pass
				-10	3.8	-5.249	-0.0028	-2.5 to 2.5	Pass
				0	3.8	-12.297	-0.0066	-2.5 to 2.5	Pass
				10	3.8	-9.651	-0.0052	-2.5 to 2.5	Pass
				30	3.8	-9.610	-0.0052	-2.5 to 2.5	Pass
				40	3.8	0.612	0.0003	-2.5 to 2.5	Pass
				50	3.8	-12.549	-0.0067	-2.5 to 2.5	Pass
	1880	27	0	20	3.23	-19.411	-0.0103	-2.5 to 2.5	Pass
					3.8	12.975	0.0069	-2.5 to 2.5	Pass
					4.37	7.133	0.0038	-2.5 to 2.5	Pass
				-30	3.8	2.432	0.0013	-2.5 to 2.5	Pass
				-20	3.8	-5.914	-0.0031	-2.5 to 2.5	Pass
				-10	3.8	-6.142	-0.0033	-2.5 to 2.5	Pass
				0	3.8	-11.747	-0.0062	-2.5 to 2.5	Pass
				10	3.8	5.241	0.0028	-2.5 to 2.5	Pass
				30	3.8	-6.091	-0.0032	-2.5 to 2.5	Pass
				40	3.8	-13.055	-0.0069	-2.5 to 2.5	Pass
				50	3.8	-1.628	-0.0009	-2.5 to 2.5	Pass
	1900	27	73	20	3.23	-6.251	-0.0033	-2.5 to 2.5	Pass
					3.8	2.126	0.0011	-2.5 to 2.5	Pass
					4.37	-7.415	-0.0039	-2.5 to 2.5	Pass
				-30	3.8	-11.390	-0.0060	-2.5 to 2.5	Pass
				-20	3.8	1.865	0.0010	-2.5 to 2.5	Pass
				-10	3.8	-15.619	-0.0082	-2.5 to 2.5	Pass
				0	3.8	-1.945	-0.0010	-2.5 to 2.5	Pass
				10	3.8	-7.869	-0.0041	-2.5 to 2.5	Pass
				30	3.8	-8.618	-0.0045	-2.5 to 2.5	Pass
				40	3.8	-6.287	-0.0033	-2.5 to 2.5	Pass
				50	3.8	-16.312	-0.0086	-2.5 to 2.5	Pass

2. Frequency Stability

2.1 B38_5MHz

2.1.1 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	3.23	-0.073	0.0000	-2.5 to 2.5	Pass
					3.8	3.233	0.0013	-2.5 to 2.5	Pass
					4.37	8.768	0.0034	-2.5 to 2.5	Pass
				-30	3.8	-11.954	-0.0046	-2.5 to 2.5	Pass
				-20	3.8	3.321	0.0013	-2.5 to 2.5	Pass
				-10	3.8	-1.145	-0.0004	-2.5 to 2.5	Pass

				0	3.8	1.204	0.0005	-2.5 to 2.5	Pass
				10	3.8	-8.098	-0.0031	-2.5 to 2.5	Pass
				30	3.8	0.145	0.0001	-2.5 to 2.5	Pass
				40	3.8	-1.217	-0.0005	-2.5 to 2.5	Pass
				50	3.8	16.871	0.0066	-2.5 to 2.5	Pass
	2595	25	0	20	3.23	20.100	0.0077	-2.5 to 2.5	Pass
					3.8	-3.267	-0.0013	-2.5 to 2.5	Pass
					4.37	-0.826	-0.0003	-2.5 to 2.5	Pass
				-30	3.8	-4.224	-0.0016	-2.5 to 2.5	Pass
				-20	3.8	8.431	0.0032	-2.5 to 2.5	Pass
				-10	3.8	-3.809	-0.0015	-2.5 to 2.5	Pass
				0	3.8	1.780	0.0007	-2.5 to 2.5	Pass
				10	3.8	-3.845	-0.0015	-2.5 to 2.5	Pass
				30	3.8	-5.997	-0.0023	-2.5 to 2.5	Pass
				40	3.8	-2.291	-0.0009	-2.5 to 2.5	Pass
				50	3.8	-10.162	-0.0039	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.23	7.217	0.0028	-2.5 to 2.5	Pass
					3.8	10.378	0.0040	-2.5 to 2.5	Pass
					4.37	-1.075	-0.0004	-2.5 to 2.5	Pass
				-30	3.8	5.980	0.0023	-2.5 to 2.5	Pass
				-20	3.8	1.316	0.0005	-2.5 to 2.5	Pass
				-10	3.8	-5.147	-0.0020	-2.5 to 2.5	Pass
				0	3.8	5.584	0.0021	-2.5 to 2.5	Pass
				10	3.8	-11.309	-0.0043	-2.5 to 2.5	Pass
				30	3.8	12.571	0.0048	-2.5 to 2.5	Pass
				40	3.8	6.024	0.0023	-2.5 to 2.5	Pass
				50	3.8	0.795	0.0003	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.23	-8.226	-0.0032	-2.5 to 2.5	Pass
					3.8	-2.857	-0.0011	-2.5 to 2.5	Pass
					4.37	9.575	0.0037	-2.5 to 2.5	Pass
				-30	3.8	7.979	0.0031	-2.5 to 2.5	Pass
				-20	3.8	-5.116	-0.0020	-2.5 to 2.5	Pass
				-10	3.8	6.761	0.0026	-2.5 to 2.5	Pass
				0	3.8	9.273	0.0036	-2.5 to 2.5	Pass
				10	3.8	-5.920	-0.0023	-2.5 to 2.5	Pass
				30	3.8	-15.727	-0.0061	-2.5 to 2.5	Pass
				40	3.8	11.342	0.0044	-2.5 to 2.5	Pass
				50	3.8	-3.734	-0.0015	-2.5 to 2.5	Pass
	2595	25	0	20	3.23	4.196	0.0016	-2.5 to 2.5	Pass
					3.8	16.167	0.0062	-2.5 to 2.5	Pass
					4.37	9.766	0.0038	-2.5 to 2.5	Pass
				-30	3.8	-2.007	-0.0008	-2.5 to 2.5	Pass
				-20	3.8	-2.039	-0.0008	-2.5 to 2.5	Pass
				-10	3.8	3.685	0.0014	-2.5 to 2.5	Pass
				0	3.8	11.753	0.0045	-2.5 to 2.5	Pass
				10	3.8	9.848	0.0038	-2.5 to 2.5	Pass
				30	3.8	-7.285	-0.0028	-2.5 to 2.5	Pass
				40	3.8	-0.059	0.0000	-2.5 to 2.5	Pass
				50	3.8	-6.232	-0.0024	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.23	7.083	0.0027	-2.5 to 2.5	Pass
					3.8	-6.328	-0.0024	-2.5 to 2.5	Pass
					4.37	-11.892	-0.0045	-2.5 to 2.5	Pass
				-30	3.8	-9.194	-0.0035	-2.5 to 2.5	Pass
				-20	3.8	5.527	0.0021	-2.5 to 2.5	Pass
				-10	3.8	-7.469	-0.0029	-2.5 to 2.5	Pass
				0	3.8	4.104	0.0016	-2.5 to 2.5	Pass
				10	3.8	4.742	0.0018	-2.5 to 2.5	Pass
				30	3.8	-2.943	-0.0011	-2.5 to 2.5	Pass
				40	3.8	2.866	0.0011	-2.5 to 2.5	Pass

				50	3.8	7.699	0.0029	-2.5 to 2.5	Pass

2.2 B38_10MHz

2.2.1 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	3.23	-4.352	-0.0017	-2.5 to 2.5	Pass
					3.8	8.189	0.0032	-2.5 to 2.5	Pass
					4.37	-4.330	-0.0017	-2.5 to 2.5	Pass
				-30	3.8	-6.152	-0.0024	-2.5 to 2.5	Pass
				-20	3.8	23.262	0.0090	-2.5 to 2.5	Pass
				-10	3.8	-4.694	-0.0018	-2.5 to 2.5	Pass
				0	3.8	10.762	0.0042	-2.5 to 2.5	Pass
				10	3.8	6.563	0.0025	-2.5 to 2.5	Pass
				30	3.8	-7.031	-0.0027	-2.5 to 2.5	Pass
				40	3.8	-2.104	-0.0008	-2.5 to 2.5	Pass
				50	3.8	-1.316	-0.0005	-2.5 to 2.5	Pass
	2595	50	0	20	3.23	-7.486	-0.0029	-2.5 to 2.5	Pass
					3.8	8.415	0.0032	-2.5 to 2.5	Pass
					4.37	9.029	0.0035	-2.5 to 2.5	Pass
				-30	3.8	-14.831	-0.0057	-2.5 to 2.5	Pass
				-20	3.8	-2.598	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	-0.966	-0.0004	-2.5 to 2.5	Pass
				0	3.8	-2.852	-0.0011	-2.5 to 2.5	Pass
				10	3.8	2.459	0.0009	-2.5 to 2.5	Pass
				30	3.8	-9.505	-0.0037	-2.5 to 2.5	Pass
				40	3.8	-11.236	-0.0043	-2.5 to 2.5	Pass
				50	3.8	-0.818	-0.0003	-2.5 to 2.5	Pass
	2615	50	0	20	3.23	-18.208	-0.0070	-2.5 to 2.5	Pass
					3.8	4.805	0.0018	-2.5 to 2.5	Pass
					4.37	5.386	0.0021	-2.5 to 2.5	Pass
				-30	3.8	5.278	0.0020	-2.5 to 2.5	Pass
				-20	3.8	-0.048	0.0000	-2.5 to 2.5	Pass
				-10	3.8	-7.462	-0.0029	-2.5 to 2.5	Pass
				0	3.8	11.719	0.0045	-2.5 to 2.5	Pass
				10	3.8	9.406	0.0036	-2.5 to 2.5	Pass
				30	3.8	-1.408	-0.0005	-2.5 to 2.5	Pass
				40	3.8	-11.911	-0.0046	-2.5 to 2.5	Pass
				50	3.8	3.274	0.0013	-2.5 to 2.5	Pass
16QAM	2575	27	0	20	3.23	-14.540	-0.0056	-2.5 to 2.5	Pass
					3.8	-8.346	-0.0032	-2.5 to 2.5	Pass
					4.37	3.626	0.0014	-2.5 to 2.5	Pass
				-30	3.8	2.257	0.0009	-2.5 to 2.5	Pass
				-20	3.8	8.016	0.0031	-2.5 to 2.5	Pass
				-10	3.8	-1.161	-0.0005	-2.5 to 2.5	Pass
				0	3.8	-4.377	-0.0017	-2.5 to 2.5	Pass
				10	3.8	1.804	0.0007	-2.5 to 2.5	Pass
				30	3.8	-3.703	-0.0014	-2.5 to 2.5	Pass
				40	3.8	-3.704	-0.0014	-2.5 to 2.5	Pass
				50	3.8	-6.506	-0.0025	-2.5 to 2.5	Pass
	2595	27	0	20	3.23	3.786	0.0015	-2.5 to 2.5	Pass
					3.8	1.775	0.0007	-2.5 to 2.5	Pass
					4.37	4.174	0.0016	-2.5 to 2.5	Pass
				-30	3.8	-2.289	-0.0009	-2.5 to 2.5	Pass
				-20	3.8	-1.165	-0.0004	-2.5 to 2.5	Pass

				-10	3.8	-10.593	-0.0041	-2.5 to 2.5	Pass
				0	3.8	15.048	0.0058	-2.5 to 2.5	Pass
				10	3.8	2.199	0.0008	-2.5 to 2.5	Pass
				30	3.8	1.983	0.0008	-2.5 to 2.5	Pass
				40	3.8	-5.467	-0.0021	-2.5 to 2.5	Pass
				50	3.8	8.989	0.0035	-2.5 to 2.5	Pass
	2615	27	23	20	3.23	14.631	0.0056	-2.5 to 2.5	Pass
					3.8	10.904	0.0042	-2.5 to 2.5	Pass
					4.37	19.748	0.0076	-2.5 to 2.5	Pass
				-30	3.8	2.911	0.0011	-2.5 to 2.5	Pass
				-20	3.8	-6.327	-0.0024	-2.5 to 2.5	Pass
				-10	3.8	-11.740	-0.0045	-2.5 to 2.5	Pass
				0	3.8	9.609	0.0037	-2.5 to 2.5	Pass
				10	3.8	-6.611	-0.0025	-2.5 to 2.5	Pass
				30	3.8	9.925	0.0038	-2.5 to 2.5	Pass
				40	3.8	1.868	0.0007	-2.5 to 2.5	Pass
				50	3.8	13.652	0.0052	-2.5 to 2.5	Pass

2.3 B38_15MHz

2.3.1 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	3.23	-20.952	-0.0081	-2.5 to 2.5	Pass
					3.8	-21.457	-0.0083	-2.5 to 2.5	Pass
					4.37	3.506	0.0014	-2.5 to 2.5	Pass
				-30	3.8	-21.409	-0.0083	-2.5 to 2.5	Pass
				-20	3.8	-8.969	-0.0035	-2.5 to 2.5	Pass
				-10	3.8	21.545	0.0084	-2.5 to 2.5	Pass
				0	3.8	-10.044	-0.0039	-2.5 to 2.5	Pass
				10	3.8	-8.168	-0.0032	-2.5 to 2.5	Pass
				30	3.8	3.138	0.0012	-2.5 to 2.5	Pass
				40	3.8	2.543	0.0010	-2.5 to 2.5	Pass
				50	3.8	0.563	0.0002	-2.5 to 2.5	Pass
	2595	75	0	20	3.23	-14.116	-0.0054	-2.5 to 2.5	Pass
					3.8	-11.002	-0.0042	-2.5 to 2.5	Pass
					4.37	2.479	0.0010	-2.5 to 2.5	Pass
				-30	3.8	-9.077	-0.0035	-2.5 to 2.5	Pass
				-20	3.8	-2.193	-0.0008	-2.5 to 2.5	Pass
				-10	3.8	-9.567	-0.0037	-2.5 to 2.5	Pass
				0	3.8	-1.863	-0.0007	-2.5 to 2.5	Pass
				10	3.8	-10.158	-0.0039	-2.5 to 2.5	Pass
				30	3.8	-2.728	-0.0011	-2.5 to 2.5	Pass
				40	3.8	-2.071	-0.0008	-2.5 to 2.5	Pass
				50	3.8	-2.066	-0.0008	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.23	-16.231	-0.0062	-2.5 to 2.5	Pass
					3.8	-12.811	-0.0049	-2.5 to 2.5	Pass
					4.37	-0.855	-0.0003	-2.5 to 2.5	Pass
				-30	3.8	2.941	0.0011	-2.5 to 2.5	Pass
				-20	3.8	-8.780	-0.0034	-2.5 to 2.5	Pass
				-10	3.8	9.409	0.0036	-2.5 to 2.5	Pass
				0	3.8	-3.348	-0.0013	-2.5 to 2.5	Pass
				10	3.8	-15.591	-0.0060	-2.5 to 2.5	Pass
				30	3.8	-4.728	-0.0018	-2.5 to 2.5	Pass
				40	3.8	-6.419	-0.0025	-2.5 to 2.5	Pass
				50	3.8	-4.585	-0.0018	-2.5 to 2.5	Pass

16QAM	2577.5	27	0	20	3.23	-2.145	-0.0008	-2.5 to 2.5	Pass
					3.8	10.181	0.0039	-2.5 to 2.5	Pass
					4.37	4.148	0.0016	-2.5 to 2.5	Pass
				-30	3.8	18.065	0.0070	-2.5 to 2.5	Pass
				-20	3.8	-19.651	-0.0076	-2.5 to 2.5	Pass
				-10	3.8	2.768	0.0011	-2.5 to 2.5	Pass
				0	3.8	4.881	0.0019	-2.5 to 2.5	Pass
				10	3.8	-1.282	-0.0005	-2.5 to 2.5	Pass
				30	3.8	-2.742	-0.0011	-2.5 to 2.5	Pass
				40	3.8	3.970	0.0015	-2.5 to 2.5	Pass
				50	3.8	-13.828	-0.0054	-2.5 to 2.5	Pass
	2595	27	0	20	3.23	11.955	0.0046	-2.5 to 2.5	Pass
					3.8	0.661	0.0003	-2.5 to 2.5	Pass
					4.37	16.633	0.0064	-2.5 to 2.5	Pass
				-30	3.8	0.770	0.0003	-2.5 to 2.5	Pass
				-20	3.8	0.231	0.0001	-2.5 to 2.5	Pass
				-10	3.8	-9.750	-0.0038	-2.5 to 2.5	Pass
				0	3.8	-4.455	-0.0017	-2.5 to 2.5	Pass
				10	3.8	-7.492	-0.0029	-2.5 to 2.5	Pass
				30	3.8	-10.746	-0.0041	-2.5 to 2.5	Pass
				40	3.8	2.377	0.0009	-2.5 to 2.5	Pass
				50	3.8	3.356	0.0013	-2.5 to 2.5	Pass
	2612.5	27	48	20	3.23	1.519	0.0006	-2.5 to 2.5	Pass
					3.8	-5.622	-0.0022	-2.5 to 2.5	Pass
					4.37	-16.003	-0.0061	-2.5 to 2.5	Pass
				-30	3.8	-6.749	-0.0026	-2.5 to 2.5	Pass
				-20	3.8	0.827	0.0003	-2.5 to 2.5	Pass
				-10	3.8	-3.939	-0.0015	-2.5 to 2.5	Pass
				0	3.8	-6.000	-0.0023	-2.5 to 2.5	Pass
				10	3.8	-10.488	-0.0040	-2.5 to 2.5	Pass
				30	3.8	4.125	0.0016	-2.5 to 2.5	Pass
				40	3.8	12.672	0.0049	-2.5 to 2.5	Pass
				50	3.8	7.027	0.0027	-2.5 to 2.5	Pass

2.4 B38_20MHz

2.4.1 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	3.23	-20.777	-0.0081	-2.5 to 2.5	Pass
					3.8	-11.568	-0.0045	-2.5 to 2.5	Pass
					4.37	-18.549	-0.0072	-2.5 to 2.5	Pass
				-30	3.8	-14.173	-0.0055	-2.5 to 2.5	Pass
				-20	3.8	-7.207	-0.0028	-2.5 to 2.5	Pass
				-10	3.8	-15.604	-0.0060	-2.5 to 2.5	Pass
				0	3.8	-21.861	-0.0085	-2.5 to 2.5	Pass
				10	3.8	-10.086	-0.0039	-2.5 to 2.5	Pass
				30	3.8	-13.197	-0.0051	-2.5 to 2.5	Pass
				40	3.8	-13.133	-0.0051	-2.5 to 2.5	Pass
				50	3.8	-14.645	-0.0057	-2.5 to 2.5	Pass
	2595	100	0	20	3.23	-9.466	-0.0036	-2.5 to 2.5	Pass
					3.8	-19.644	-0.0076	-2.5 to 2.5	Pass
					4.37	-16.872	-0.0065	-2.5 to 2.5	Pass
				-30	3.8	-7.618	-0.0029	-2.5 to 2.5	Pass
				-20	3.8	-13.416	-0.0052	-2.5 to 2.5	Pass
				-10	3.8	13.215	0.0051	-2.5 to 2.5	Pass

				0	3.8	-5.590	-0.0022	-2.5 to 2.5	Pass
				10	3.8	14.747	0.0057	-2.5 to 2.5	Pass
				30	3.8	-1.919	-0.0007	-2.5 to 2.5	Pass
				40	3.8	-6.617	-0.0025	-2.5 to 2.5	Pass
				50	3.8	-10.165	-0.0039	-2.5 to 2.5	Pass
	2610	100	0	20	3.23	-20.996	-0.0080	-2.5 to 2.5	Pass
					3.8	-16.327	-0.0063	-2.5 to 2.5	Pass
					4.37	-7.175	-0.0027	-2.5 to 2.5	Pass
				-30	3.8	-9.888	-0.0038	-2.5 to 2.5	Pass
				-20	3.8	-4.405	-0.0017	-2.5 to 2.5	Pass
				-10	3.8	-12.745	-0.0049	-2.5 to 2.5	Pass
				0	3.8	-1.921	-0.0007	-2.5 to 2.5	Pass
				10	3.8	-13.351	-0.0051	-2.5 to 2.5	Pass
				30	3.8	-5.861	-0.0022	-2.5 to 2.5	Pass
				40	3.8	-9.782	-0.0037	-2.5 to 2.5	Pass
				50	3.8	-11.423	-0.0044	-2.5 to 2.5	Pass
16QAM	2580	27	0	20	3.23	-5.229	-0.0020	-2.5 to 2.5	Pass
					3.8	-3.757	-0.0015	-2.5 to 2.5	Pass
					4.37	10.944	0.0042	-2.5 to 2.5	Pass
				-30	3.8	-13.522	-0.0052	-2.5 to 2.5	Pass
				-20	3.8	4.975	0.0019	-2.5 to 2.5	Pass
				-10	3.8	-5.748	-0.0022	-2.5 to 2.5	Pass
				0	3.8	4.440	0.0017	-2.5 to 2.5	Pass
				10	3.8	0.482	0.0002	-2.5 to 2.5	Pass
				30	3.8	-4.976	-0.0019	-2.5 to 2.5	Pass
				40	3.8	-18.317	-0.0071	-2.5 to 2.5	Pass
				50	3.8	-8.275	-0.0032	-2.5 to 2.5	Pass
	2595	27	0	20	3.23	-8.446	-0.0033	-2.5 to 2.5	Pass
					3.8	1.879	0.0007	-2.5 to 2.5	Pass
					4.37	2.480	0.0010	-2.5 to 2.5	Pass
				-30	3.8	-7.772	-0.0030	-2.5 to 2.5	Pass
				-20	3.8	19.625	0.0076	-2.5 to 2.5	Pass
				-10	3.8	1.612	0.0006	-2.5 to 2.5	Pass
				0	3.8	6.809	0.0026	-2.5 to 2.5	Pass
				10	3.8	5.035	0.0019	-2.5 to 2.5	Pass
				30	3.8	-3.174	-0.0012	-2.5 to 2.5	Pass
				40	3.8	11.257	0.0043	-2.5 to 2.5	Pass
				50	3.8	-6.956	-0.0027	-2.5 to 2.5	Pass
	2610	27	73	20	3.23	-6.178	-0.0024	-2.5 to 2.5	Pass
					3.8	-5.536	-0.0021	-2.5 to 2.5	Pass
					4.37	-0.011	0.0000	-2.5 to 2.5	Pass
				-30	3.8	9.698	0.0037	-2.5 to 2.5	Pass
				-20	3.8	-4.858	-0.0019	-2.5 to 2.5	Pass
				-10	3.8	-14.984	-0.0057	-2.5 to 2.5	Pass
				0	3.8	-0.344	-0.0001	-2.5 to 2.5	Pass
				10	3.8	5.348	0.0020	-2.5 to 2.5	Pass
				30	3.8	-1.782	-0.0007	-2.5 to 2.5	Pass
				40	3.8	17.757	0.0068	-2.5 to 2.5	Pass
				50	3.8	9.949	0.0038	-2.5 to 2.5	Pass

3. Frequency Stability

3.1 B4_1.4MHz

3.1.1 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	3.23	-8.053	-0.0047	-2.5 to 2.5	Pass
					3.8	-12.878	-0.0075	-2.5 to 2.5	Pass
					4.37	-17.799	-0.0104	-2.5 to 2.5	Pass
				-30	3.8	-7.188	-0.0042	-2.5 to 2.5	Pass
				-20	3.8	-11.449	-0.0067	-2.5 to 2.5	Pass
				-10	3.8	-7.053	-0.0041	-2.5 to 2.5	Pass
				0	3.8	-5.294	-0.0031	-2.5 to 2.5	Pass
				10	3.8	-3.671	-0.0021	-2.5 to 2.5	Pass
				30	3.8	-10.376	-0.0061	-2.5 to 2.5	Pass
				40	3.8	6.595	0.0039	-2.5 to 2.5	Pass
				50	3.8	-0.567	-0.0003	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.23	10.676	0.0062	-2.5 to 2.5	Pass
					3.8	5.243	0.0030	-2.5 to 2.5	Pass
					4.37	8.277	0.0048	-2.5 to 2.5	Pass
				-30	3.8	6.596	0.0038	-2.5 to 2.5	Pass
				-20	3.8	2.424	0.0014	-2.5 to 2.5	Pass
				-10	3.8	0.601	0.0003	-2.5 to 2.5	Pass
				0	3.8	-2.511	-0.0014	-2.5 to 2.5	Pass
				10	3.8	-9.100	-0.0053	-2.5 to 2.5	Pass
				30	3.8	-5.105	-0.0029	-2.5 to 2.5	Pass
				40	3.8	6.057	0.0035	-2.5 to 2.5	Pass
				50	3.8	5.865	0.0034	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.23	-8.868	-0.0051	-2.5 to 2.5	Pass
					3.8	-1.989	-0.0011	-2.5 to 2.5	Pass
					4.37	-4.649	-0.0027	-2.5 to 2.5	Pass
				-30	3.8	-15.170	-0.0086	-2.5 to 2.5	Pass
				-20	3.8	3.844	0.0022	-2.5 to 2.5	Pass
				-10	3.8	-16.204	-0.0092	-2.5 to 2.5	Pass
				0	3.8	0.580	0.0003	-2.5 to 2.5	Pass
				10	3.8	-3.726	-0.0021	-2.5 to 2.5	Pass
				30	3.8	-18.134	-0.0103	-2.5 to 2.5	Pass
				40	3.8	-0.197	-0.0001	-2.5 to 2.5	Pass
				50	3.8	-10.231	-0.0058	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.23	1.498	0.0009	-2.5 to 2.5	Pass
					3.8	0.951	0.0006	-2.5 to 2.5	Pass
					4.37	13.367	0.0078	-2.5 to 2.5	Pass
				-30	3.8	3.508	0.0021	-2.5 to 2.5	Pass
				-20	3.8	-2.833	-0.0017	-2.5 to 2.5	Pass
				-10	3.8	-0.464	-0.0003	-2.5 to 2.5	Pass
				0	3.8	-18.355	-0.0107	-2.5 to 2.5	Pass
				10	3.8	-7.196	-0.0042	-2.5 to 2.5	Pass
				30	3.8	-1.281	-0.0007	-2.5 to 2.5	Pass
				40	3.8	2.744	0.0016	-2.5 to 2.5	Pass
				50	3.8	4.471	0.0026	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.23	-3.455	-0.0020	-2.5 to 2.5	Pass
					3.8	0.491	0.0003	-2.5 to 2.5	Pass
					4.37	4.433	0.0026	-2.5 to 2.5	Pass
				-30	3.8	3.581	0.0021	-2.5 to 2.5	Pass
				-20	3.8	3.043	0.0018	-2.5 to 2.5	Pass

				-10	3.8	-10.239	-0.0059	-2.5 to 2.5	Pass
				0	3.8	12.230	0.0071	-2.5 to 2.5	Pass
				10	3.8	2.844	0.0016	-2.5 to 2.5	Pass
				30	3.8	-5.206	-0.0030	-2.5 to 2.5	Pass
				40	3.8	-3.777	-0.0022	-2.5 to 2.5	Pass
				50	3.8	-13.215	-0.0076	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.23	1.491	0.0008	-2.5 to 2.5	Pass
					3.8	-14.979	-0.0085	-2.5 to 2.5	Pass
					4.37	-8.259	-0.0047	-2.5 to 2.5	Pass
				-30	3.8	1.295	0.0007	-2.5 to 2.5	Pass
				-20	3.8	2.604	0.0015	-2.5 to 2.5	Pass
				-10	3.8	-9.831	-0.0056	-2.5 to 2.5	Pass
				0	3.8	-0.940	-0.0005	-2.5 to 2.5	Pass
				10	3.8	4.380	0.0025	-2.5 to 2.5	Pass
				30	3.8	-3.649	-0.0021	-2.5 to 2.5	Pass
				40	3.8	-7.568	-0.0043	-2.5 to 2.5	Pass
				50	3.8	-2.997	-0.0017	-2.5 to 2.5	Pass

3.2 B4_3MHz

3.2.1 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	3.23	-16.131	-0.0094	-2.5 to 2.5	Pass
					3.8	-0.044	0.0000	-2.5 to 2.5	Pass
					4.37	-4.504	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	-2.529	-0.0015	-2.5 to 2.5	Pass
				-20	3.8	-2.501	-0.0015	-2.5 to 2.5	Pass
				-10	3.8	-10.508	-0.0061	-2.5 to 2.5	Pass
				0	3.8	1.921	0.0011	-2.5 to 2.5	Pass
				10	3.8	-8.378	-0.0049	-2.5 to 2.5	Pass
				30	3.8	-7.149	-0.0042	-2.5 to 2.5	Pass
				40	3.8	0.749	0.0004	-2.5 to 2.5	Pass
				50	3.8	2.969	0.0017	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.23	3.335	0.0019	-2.5 to 2.5	Pass
					3.8	1.236	0.0007	-2.5 to 2.5	Pass
					4.37	0.454	0.0003	-2.5 to 2.5	Pass
				-30	3.8	-5.965	-0.0034	-2.5 to 2.5	Pass
				-20	3.8	-7.488	-0.0043	-2.5 to 2.5	Pass
				-10	3.8	-3.072	-0.0018	-2.5 to 2.5	Pass
				0	3.8	6.960	0.0040	-2.5 to 2.5	Pass
				10	3.8	-4.483	-0.0026	-2.5 to 2.5	Pass
				30	3.8	-8.138	-0.0047	-2.5 to 2.5	Pass
				40	3.8	-2.039	-0.0012	-2.5 to 2.5	Pass
				50	3.8	-8.819	-0.0051	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.23	-4.030	-0.0023	-2.5 to 2.5	Pass
					3.8	-9.062	-0.0052	-2.5 to 2.5	Pass
					4.37	1.618	0.0009	-2.5 to 2.5	Pass
				-30	3.8	-6.521	-0.0037	-2.5 to 2.5	Pass
				-20	3.8	6.709	0.0038	-2.5 to 2.5	Pass
				-10	3.8	0.725	0.0004	-2.5 to 2.5	Pass
				0	3.8	0.434	0.0002	-2.5 to 2.5	Pass
				10	3.8	-11.298	-0.0064	-2.5 to 2.5	Pass
				30	3.8	-3.537	-0.0020	-2.5 to 2.5	Pass
				40	3.8	-7.296	-0.0042	-2.5 to 2.5	Pass
				50	3.8	0.350	0.0002	-2.5 to 2.5	Pass

16QAM	1711.5	15	0	20	3.23	-4.759	-0.0028	-2.5 to 2.5	Pass
					3.8	3.134	0.0018	-2.5 to 2.5	Pass
					4.37	-7.981	-0.0047	-2.5 to 2.5	Pass
				-30	3.8	-2.747	-0.0016	-2.5 to 2.5	Pass
				-20	3.8	3.688	0.0022	-2.5 to 2.5	Pass
				-10	3.8	-7.303	-0.0043	-2.5 to 2.5	Pass
				0	3.8	1.841	0.0011	-2.5 to 2.5	Pass
				10	3.8	-4.044	-0.0024	-2.5 to 2.5	Pass
				30	3.8	12.355	0.0072	-2.5 to 2.5	Pass
				40	3.8	10.003	0.0058	-2.5 to 2.5	Pass
				50	3.8	-11.090	-0.0065	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.23	2.912	0.0017	-2.5 to 2.5	Pass
					3.8	8.955	0.0052	-2.5 to 2.5	Pass
					4.37	13.233	0.0076	-2.5 to 2.5	Pass
				-30	3.8	10.531	0.0061	-2.5 to 2.5	Pass
				-20	3.8	-2.010	-0.0012	-2.5 to 2.5	Pass
				-10	3.8	-0.197	-0.0001	-2.5 to 2.5	Pass
				0	3.8	5.505	0.0032	-2.5 to 2.5	Pass
				10	3.8	5.473	0.0032	-2.5 to 2.5	Pass
				30	3.8	3.122	0.0018	-2.5 to 2.5	Pass
				40	3.8	-8.753	-0.0051	-2.5 to 2.5	Pass
				50	3.8	8.900	0.0051	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.23	-7.910	-0.0045	-2.5 to 2.5	Pass
					3.8	5.496	0.0031	-2.5 to 2.5	Pass
					4.37	-9.282	-0.0053	-2.5 to 2.5	Pass
				-30	3.8	1.426	0.0008	-2.5 to 2.5	Pass
				-20	3.8	4.879	0.0028	-2.5 to 2.5	Pass
				-10	3.8	11.296	0.0064	-2.5 to 2.5	Pass
				0	3.8	-2.487	-0.0014	-2.5 to 2.5	Pass
				10	3.8	4.808	0.0027	-2.5 to 2.5	Pass
				30	3.8	-1.650	-0.0009	-2.5 to 2.5	Pass
				40	3.8	-12.574	-0.0072	-2.5 to 2.5	Pass
				50	3.8	-7.654	-0.0044	-2.5 to 2.5	Pass

3.3 B4_5MHz

3.3.1 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	3.23	-4.860	-0.0028	-2.5 to 2.5	Pass
					3.8	-17.272	-0.0101	-2.5 to 2.5	Pass
					4.37	2.446	0.0014	-2.5 to 2.5	Pass
				-30	3.8	-4.852	-0.0028	-2.5 to 2.5	Pass
				-20	3.8	-5.657	-0.0033	-2.5 to 2.5	Pass
				-10	3.8	-9.552	-0.0056	-2.5 to 2.5	Pass
				0	3.8	1.098	0.0006	-2.5 to 2.5	Pass
				10	3.8	1.049	0.0006	-2.5 to 2.5	Pass
				30	3.8	-16.747	-0.0098	-2.5 to 2.5	Pass
				40	3.8	3.384	0.0020	-2.5 to 2.5	Pass
				50	3.8	-3.221	-0.0019	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.23	11.696	0.0068	-2.5 to 2.5	Pass
					3.8	-2.075	-0.0012	-2.5 to 2.5	Pass
					4.37	5.835	0.0034	-2.5 to 2.5	Pass
				-30	3.8	-5.664	-0.0033	-2.5 to 2.5	Pass
				-20	3.8	-1.886	-0.0011	-2.5 to 2.5	Pass
				-10	3.8	7.117	0.0041	-2.5 to 2.5	Pass

				0	3.8	3.596	0.0021	-2.5 to 2.5	Pass
				10	3.8	0.194	0.0001	-2.5 to 2.5	Pass
				30	3.8	1.159	0.0007	-2.5 to 2.5	Pass
				40	3.8	0.437	0.0003	-2.5 to 2.5	Pass
				50	3.8	-4.869	-0.0028	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.23	-8.263	-0.0047	-2.5 to 2.5	Pass
					3.8	-4.153	-0.0024	-2.5 to 2.5	Pass
					4.37	-7.716	-0.0044	-2.5 to 2.5	Pass
				-30	3.8	8.406	0.0048	-2.5 to 2.5	Pass
				-20	3.8	-5.145	-0.0029	-2.5 to 2.5	Pass
				-10	3.8	-2.055	-0.0012	-2.5 to 2.5	Pass
				0	3.8	-12.457	-0.0071	-2.5 to 2.5	Pass
				10	3.8	-11.912	-0.0068	-2.5 to 2.5	Pass
				30	3.8	3.060	0.0017	-2.5 to 2.5	Pass
				40	3.8	-15.034	-0.0086	-2.5 to 2.5	Pass
				50	3.8	0.889	0.0005	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.23	-5.233	-0.0031	-2.5 to 2.5	Pass
					3.8	-3.952	-0.0023	-2.5 to 2.5	Pass
					4.37	-1.390	-0.0008	-2.5 to 2.5	Pass
				-30	3.8	7.767	0.0045	-2.5 to 2.5	Pass
				-20	3.8	3.764	0.0022	-2.5 to 2.5	Pass
				-10	3.8	9.440	0.0055	-2.5 to 2.5	Pass
				0	3.8	0.871	0.0005	-2.5 to 2.5	Pass
				10	3.8	16.335	0.0095	-2.5 to 2.5	Pass
				30	3.8	5.589	0.0033	-2.5 to 2.5	Pass
				40	3.8	15.386	0.0090	-2.5 to 2.5	Pass
				50	3.8	12.071	0.0070	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.23	-11.979	-0.0069	-2.5 to 2.5	Pass
					3.8	4.218	0.0024	-2.5 to 2.5	Pass
					4.37	-8.681	-0.0050	-2.5 to 2.5	Pass
				-30	3.8	9.584	0.0055	-2.5 to 2.5	Pass
				-20	3.8	-7.141	-0.0041	-2.5 to 2.5	Pass
				-10	3.8	10.295	0.0059	-2.5 to 2.5	Pass
				0	3.8	-5.545	-0.0032	-2.5 to 2.5	Pass
				10	3.8	6.034	0.0035	-2.5 to 2.5	Pass
				30	3.8	6.291	0.0036	-2.5 to 2.5	Pass
				40	3.8	-8.224	-0.0047	-2.5 to 2.5	Pass
				50	3.8	-7.502	-0.0043	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.23	1.581	0.0009	-2.5 to 2.5	Pass
					3.8	-2.109	-0.0012	-2.5 to 2.5	Pass
					4.37	10.116	0.0058	-2.5 to 2.5	Pass
				-30	3.8	-0.366	-0.0002	-2.5 to 2.5	Pass
				-20	3.8	-6.688	-0.0038	-2.5 to 2.5	Pass
				-10	3.8	11.220	0.0064	-2.5 to 2.5	Pass
				0	3.8	9.687	0.0055	-2.5 to 2.5	Pass
				10	3.8	-0.446	-0.0003	-2.5 to 2.5	Pass
				30	3.8	0.822	0.0005	-2.5 to 2.5	Pass
				40	3.8	9.884	0.0056	-2.5 to 2.5	Pass
				50	3.8	6.581	0.0038	-2.5 to 2.5	Pass

3.4 B4_10MHz

3.4.1 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	3.23	-4.949	-0.0029	-2.5 to 2.5	Pass

					3.8	-10.430	-0.0061	-2.5 to 2.5	Pass
					4.37	-11.675	-0.0068	-2.5 to 2.5	Pass
				-30	3.8	-13.185	-0.0077	-2.5 to 2.5	Pass
				-20	3.8	-7.991	-0.0047	-2.5 to 2.5	Pass
				-10	3.8	-0.753	-0.0004	-2.5 to 2.5	Pass
				0	3.8	-7.663	-0.0045	-2.5 to 2.5	Pass
				10	3.8	-0.232	-0.0001	-2.5 to 2.5	Pass
				30	3.8	-2.089	-0.0012	-2.5 to 2.5	Pass
				40	3.8	-9.839	-0.0057	-2.5 to 2.5	Pass
				50	3.8	-10.759	-0.0063	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.23	7.085	0.0041	-2.5 to 2.5	Pass
					3.8	-9.341	-0.0054	-2.5 to 2.5	Pass
					4.37	2.953	0.0017	-2.5 to 2.5	Pass
				-30	3.8	1.047	0.0006	-2.5 to 2.5	Pass
				-20	3.8	1.783	0.0010	-2.5 to 2.5	Pass
				-10	3.8	-11.486	-0.0066	-2.5 to 2.5	Pass
				0	3.8	9.078	0.0052	-2.5 to 2.5	Pass
				10	3.8	3.125	0.0018	-2.5 to 2.5	Pass
				30	3.8	-2.542	-0.0015	-2.5 to 2.5	Pass
				40	3.8	8.911	0.0051	-2.5 to 2.5	Pass
				50	3.8	4.300	0.0025	-2.5 to 2.5	Pass
	1750	50	0	20	3.23	10.090	0.0058	-2.5 to 2.5	Pass
					3.8	3.317	0.0019	-2.5 to 2.5	Pass
					4.37	4.503	0.0026	-2.5 to 2.5	Pass
				-30	3.8	-2.001	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-10.720	-0.0061	-2.5 to 2.5	Pass
				-10	3.8	6.548	0.0037	-2.5 to 2.5	Pass
				0	3.8	-11.922	-0.0068	-2.5 to 2.5	Pass
				10	3.8	-3.378	-0.0019	-2.5 to 2.5	Pass
				30	3.8	-2.488	-0.0014	-2.5 to 2.5	Pass
				40	3.8	10.176	0.0058	-2.5 to 2.5	Pass
				50	3.8	2.087	0.0012	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.23	-14.193	-0.0083	-2.5 to 2.5	Pass
					3.8	-13.611	-0.0079	-2.5 to 2.5	Pass
					4.37	-15.231	-0.0089	-2.5 to 2.5	Pass
				-30	3.8	5.591	0.0033	-2.5 to 2.5	Pass
				-20	3.8	-5.575	-0.0033	-2.5 to 2.5	Pass
				-10	3.8	-14.842	-0.0087	-2.5 to 2.5	Pass
				0	3.8	-16.325	-0.0095	-2.5 to 2.5	Pass
				10	3.8	6.761	0.0039	-2.5 to 2.5	Pass
				30	3.8	0.752	0.0004	-2.5 to 2.5	Pass
				40	3.8	-14.518	-0.0085	-2.5 to 2.5	Pass
				50	3.8	-9.288	-0.0054	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.23	11.954	0.0069	-2.5 to 2.5	Pass
					3.8	9.320	0.0054	-2.5 to 2.5	Pass
					4.37	6.040	0.0035	-2.5 to 2.5	Pass
				-30	3.8	-4.844	-0.0028	-2.5 to 2.5	Pass
				-20	3.8	3.388	0.0020	-2.5 to 2.5	Pass
				-10	3.8	-6.673	-0.0039	-2.5 to 2.5	Pass
				0	3.8	5.974	0.0034	-2.5 to 2.5	Pass
				10	3.8	-3.281	-0.0019	-2.5 to 2.5	Pass
				30	3.8	-12.537	-0.0072	-2.5 to 2.5	Pass
				40	3.8	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.8	-2.416	-0.0014	-2.5 to 2.5	Pass
	1750	27	23	20	3.23	0.858	0.0005	-2.5 to 2.5	Pass
					3.8	-14.904	-0.0085	-2.5 to 2.5	Pass
					4.37	-6.136	-0.0035	-2.5 to 2.5	Pass
				-30	3.8	-0.412	-0.0002	-2.5 to 2.5	Pass
				-20	3.8	0.871	0.0005	-2.5 to 2.5	Pass

				-10	3.8	-6.972	-0.0040	-2.5 to 2.5	Pass
				0	3.8	-6.679	-0.0038	-2.5 to 2.5	Pass
				10	3.8	-8.640	-0.0049	-2.5 to 2.5	Pass
				30	3.8	-10.491	-0.0060	-2.5 to 2.5	Pass
				40	3.8	1.418	0.0008	-2.5 to 2.5	Pass
				50	3.8	-11.960	-0.0068	-2.5 to 2.5	Pass

3.5 B4_15MHz

3.5.1 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	3.23	-21.133	-0.0123	-2.5 to 2.5	Pass
					3.8	-14.269	-0.0083	-2.5 to 2.5	Pass
					4.37	-15.110	-0.0088	-2.5 to 2.5	Pass
				-30	3.8	-8.979	-0.0052	-2.5 to 2.5	Pass
				-20	3.8	-11.480	-0.0067	-2.5 to 2.5	Pass
				-10	3.8	-6.235	-0.0036	-2.5 to 2.5	Pass
				0	3.8	-10.066	-0.0059	-2.5 to 2.5	Pass
				10	3.8	-10.478	-0.0061	-2.5 to 2.5	Pass
				30	3.8	-12.010	-0.0070	-2.5 to 2.5	Pass
				40	3.8	-12.359	-0.0072	-2.5 to 2.5	Pass
				50	3.8	-9.568	-0.0056	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.23	-15.709	-0.0091	-2.5 to 2.5	Pass
					3.8	-8.363	-0.0048	-2.5 to 2.5	Pass
					4.37	-15.389	-0.0089	-2.5 to 2.5	Pass
				-30	3.8	-13.689	-0.0079	-2.5 to 2.5	Pass
				-20	3.8	-18.807	-0.0109	-2.5 to 2.5	Pass
				-10	3.8	-5.651	-0.0033	-2.5 to 2.5	Pass
				0	3.8	-8.866	-0.0051	-2.5 to 2.5	Pass
				10	3.8	-5.436	-0.0031	-2.5 to 2.5	Pass
				30	3.8	-6.467	-0.0037	-2.5 to 2.5	Pass
				40	3.8	-8.409	-0.0049	-2.5 to 2.5	Pass
				50	3.8	-15.334	-0.0089	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.23	-14.562	-0.0083	-2.5 to 2.5	Pass
					3.8	-7.379	-0.0042	-2.5 to 2.5	Pass
					4.37	-10.538	-0.0060	-2.5 to 2.5	Pass
				-30	3.8	-20.697	-0.0118	-2.5 to 2.5	Pass
				-20	3.8	-3.840	-0.0022	-2.5 to 2.5	Pass
				-10	3.8	-17.002	-0.0097	-2.5 to 2.5	Pass
				0	3.8	-7.544	-0.0043	-2.5 to 2.5	Pass
				10	3.8	-4.914	-0.0028	-2.5 to 2.5	Pass
				30	3.8	-4.074	-0.0023	-2.5 to 2.5	Pass
				40	3.8	-4.323	-0.0025	-2.5 to 2.5	Pass
				50	3.8	-1.160	-0.0007	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.23	-11.402	-0.0066	-2.5 to 2.5	Pass
					3.8	4.933	0.0029	-2.5 to 2.5	Pass
					4.37	-7.985	-0.0046	-2.5 to 2.5	Pass
				-30	3.8	4.476	0.0026	-2.5 to 2.5	Pass
				-20	3.8	-8.239	-0.0048	-2.5 to 2.5	Pass
				-10	3.8	-9.953	-0.0058	-2.5 to 2.5	Pass
				0	3.8	-12.108	-0.0070	-2.5 to 2.5	Pass
				10	3.8	-3.736	-0.0022	-2.5 to 2.5	Pass
				30	3.8	13.635	0.0079	-2.5 to 2.5	Pass
				40	3.8	1.995	0.0012	-2.5 to 2.5	Pass
				50	3.8	-3.933	-0.0023	-2.5 to 2.5	Pass

	1732.5	27	0	20	3.23	1.854	0.0011	-2.5 to 2.5	Pass
					3.8	16.976	0.0098	-2.5 to 2.5	Pass
					4.37	-5.545	-0.0032	-2.5 to 2.5	Pass
				-30	3.8	-9.946	-0.0057	-2.5 to 2.5	Pass
				-20	3.8	-12.942	-0.0075	-2.5 to 2.5	Pass
				-10	3.8	13.042	0.0075	-2.5 to 2.5	Pass
				0	3.8	-14.953	-0.0086	-2.5 to 2.5	Pass
				10	3.8	-6.561	-0.0038	-2.5 to 2.5	Pass
				30	3.8	-3.711	-0.0021	-2.5 to 2.5	Pass
				40	3.8	-7.647	-0.0044	-2.5 to 2.5	Pass
				50	3.8	-9.057	-0.0052	-2.5 to 2.5	Pass
	1747.5	27	48	20	3.23	-7.561	-0.0043	-2.5 to 2.5	Pass
					3.8	-11.871	-0.0068	-2.5 to 2.5	Pass
					4.37	0.801	0.0005	-2.5 to 2.5	Pass
				-30	3.8	-9.601	-0.0055	-2.5 to 2.5	Pass
				-20	3.8	1.387	0.0008	-2.5 to 2.5	Pass
				-10	3.8	-10.564	-0.0060	-2.5 to 2.5	Pass
				0	3.8	-16.954	-0.0097	-2.5 to 2.5	Pass
				10	3.8	-12.037	-0.0069	-2.5 to 2.5	Pass
				30	3.8	0.865	0.0005	-2.5 to 2.5	Pass
				40	3.8	-3.555	-0.0020	-2.5 to 2.5	Pass
				50	3.8	-13.566	-0.0078	-2.5 to 2.5	Pass

3.6 B4_20MHz

3.6.1 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	3.23	-13.291	-0.0077	-2.5 to 2.5	Pass
					3.8	-17.214	-0.0100	-2.5 to 2.5	Pass
					4.37	-12.501	-0.0073	-2.5 to 2.5	Pass
				-30	3.8	-8.463	-0.0049	-2.5 to 2.5	Pass
				-20	3.8	-11.030	-0.0064	-2.5 to 2.5	Pass
				-10	3.8	-11.721	-0.0068	-2.5 to 2.5	Pass
				0	3.8	-9.898	-0.0058	-2.5 to 2.5	Pass
				10	3.8	-16.388	-0.0095	-2.5 to 2.5	Pass
				30	3.8	-20.164	-0.0117	-2.5 to 2.5	Pass
				40	3.8	-2.013	-0.0012	-2.5 to 2.5	Pass
				50	3.8	-4.551	-0.0026	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.23	-14.639	-0.0084	-2.5 to 2.5	Pass
					3.8	-8.993	-0.0052	-2.5 to 2.5	Pass
					4.37	-5.766	-0.0033	-2.5 to 2.5	Pass
				-30	3.8	-8.564	-0.0049	-2.5 to 2.5	Pass
				-20	3.8	-13.599	-0.0078	-2.5 to 2.5	Pass
				-10	3.8	6.958	0.0040	-2.5 to 2.5	Pass
				0	3.8	3.550	0.0020	-2.5 to 2.5	Pass
				10	3.8	-18.938	-0.0109	-2.5 to 2.5	Pass
				30	3.8	-0.650	-0.0004	-2.5 to 2.5	Pass
				40	3.8	2.640	0.0015	-2.5 to 2.5	Pass
				50	3.8	-1.911	-0.0011	-2.5 to 2.5	Pass
	1745	100	0	20	3.23	-14.891	-0.0085	-2.5 to 2.5	Pass
					3.8	-20.976	-0.0120	-2.5 to 2.5	Pass
					4.37	-14.777	-0.0085	-2.5 to 2.5	Pass
				-30	3.8	-9.391	-0.0054	-2.5 to 2.5	Pass
				-20	3.8	-15.714	-0.0090	-2.5 to 2.5	Pass
				-10	3.8	-13.389	-0.0077	-2.5 to 2.5	Pass

				0	3.8	9.644	0.0055	-2.5 to 2.5	Pass
				10	3.8	-4.732	-0.0027	-2.5 to 2.5	Pass
				30	3.8	-14.981	-0.0086	-2.5 to 2.5	Pass
				40	3.8	1.864	0.0011	-2.5 to 2.5	Pass
				50	3.8	-13.687	-0.0078	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.23	8.149	0.0047	-2.5 to 2.5	Pass
					3.8	-8.303	-0.0048	-2.5 to 2.5	Pass
					4.37	-1.411	-0.0008	-2.5 to 2.5	Pass
				-30	3.8	-13.577	-0.0079	-2.5 to 2.5	Pass
				-20	3.8	-0.860	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	-12.297	-0.0071	-2.5 to 2.5	Pass
				0	3.8	2.624	0.0015	-2.5 to 2.5	Pass
				10	3.8	-10.475	-0.0061	-2.5 to 2.5	Pass
				30	3.8	-7.350	-0.0043	-2.5 to 2.5	Pass
				40	3.8	-4.236	-0.0025	-2.5 to 2.5	Pass
				50	3.8	-0.250	-0.0001	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.23	6.523	0.0038	-2.5 to 2.5	Pass
					3.8	0.961	0.0006	-2.5 to 2.5	Pass
					4.37	-4.646	-0.0027	-2.5 to 2.5	Pass
				-30	3.8	-7.260	-0.0042	-2.5 to 2.5	Pass
				-20	3.8	-5.054	-0.0029	-2.5 to 2.5	Pass
				-10	3.8	-15.032	-0.0087	-2.5 to 2.5	Pass
				0	3.8	-0.808	-0.0005	-2.5 to 2.5	Pass
				10	3.8	-7.181	-0.0041	-2.5 to 2.5	Pass
				30	3.8	-6.697	-0.0039	-2.5 to 2.5	Pass
				40	3.8	-13.331	-0.0077	-2.5 to 2.5	Pass
				50	3.8	-9.664	-0.0056	-2.5 to 2.5	Pass
	1745	27	73	20	3.23	-15.450	-0.0089	-2.5 to 2.5	Pass
					3.8	-2.901	-0.0017	-2.5 to 2.5	Pass
					4.37	-4.573	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	-0.077	0.0000	-2.5 to 2.5	Pass
				-20	3.8	-14.217	-0.0081	-2.5 to 2.5	Pass
				-10	3.8	-3.011	-0.0017	-2.5 to 2.5	Pass
				0	3.8	-11.837	-0.0068	-2.5 to 2.5	Pass
				10	3.8	-3.250	-0.0019	-2.5 to 2.5	Pass
				30	3.8	-2.008	-0.0012	-2.5 to 2.5	Pass
				40	3.8	-8.079	-0.0046	-2.5 to 2.5	Pass
				50	3.8	-6.641	-0.0038	-2.5 to 2.5	Pass

4. Frequency Stability

4.1 B40a_5MHz

4.1.1 Test Result

Band: 40a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2307.5	25	0	20	3.23	1.602	0.0007	-2.5 to 2.5	Pass
					3.8	-9.995	-0.0043	-2.5 to 2.5	Pass
					4.37	-6.890	-0.0030	-2.5 to 2.5	Pass
				-30	3.8	0.023	0.0000	-2.5 to 2.5	Pass
				-20	3.8	0.835	0.0004	-2.5 to 2.5	Pass
				-10	3.8	4.685	0.0020	-2.5 to 2.5	Pass
				0	3.8	-11.702	-0.0051	-2.5 to 2.5	Pass
				10	3.8	-10.633	-0.0046	-2.5 to 2.5	Pass

				30	3.8	2.657	0.0012	-2.5 to 2.5	Pass
				40	3.8	6.848	0.0030	-2.5 to 2.5	Pass
				50	3.8	8.601	0.0037	-2.5 to 2.5	Pass
					3.23	2.374	0.0010	-2.5 to 2.5	Pass
				20	3.8	-10.190	-0.0044	-2.5 to 2.5	Pass
					4.37	-10.661	-0.0046	-2.5 to 2.5	Pass
				-30	3.8	3.960	0.0017	-2.5 to 2.5	Pass
				-20	3.8	-13.505	-0.0058	-2.5 to 2.5	Pass
	2310	25	0	-10	3.8	-13.629	-0.0059	-2.5 to 2.5	Pass
				0	3.8	9.839	0.0043	-2.5 to 2.5	Pass
				10	3.8	-1.379	-0.0006	-2.5 to 2.5	Pass
				30	3.8	-8.229	-0.0036	-2.5 to 2.5	Pass
				40	3.8	8.938	0.0039	-2.5 to 2.5	Pass
				50	3.8	-4.432	-0.0019	-2.5 to 2.5	Pass
					3.23	-8.709	-0.0038	-2.5 to 2.5	Pass
				20	3.8	-6.310	-0.0027	-2.5 to 2.5	Pass
					4.37	-6.064	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	-8.053	-0.0035	-2.5 to 2.5	Pass
				-20	3.8	-1.682	-0.0007	-2.5 to 2.5	Pass
	2312.5	25	0	-10	3.8	-11.493	-0.0050	-2.5 to 2.5	Pass
				0	3.8	-7.068	-0.0031	-2.5 to 2.5	Pass
				10	3.8	-18.514	-0.0080	-2.5 to 2.5	Pass
				30	3.8	-9.968	-0.0043	-2.5 to 2.5	Pass
				40	3.8	-6.712	-0.0029	-2.5 to 2.5	Pass
				50	3.8	-6.098	-0.0026	-2.5 to 2.5	Pass
					3.23	-4.428	-0.0019	-2.5 to 2.5	Pass
				20	3.8	-7.168	-0.0031	-2.5 to 2.5	Pass
					4.37	-3.192	-0.0014	-2.5 to 2.5	Pass
				-30	3.8	15.312	0.0066	-2.5 to 2.5	Pass
				-20	3.8	5.167	0.0022	-2.5 to 2.5	Pass
	2307.5	25	0	-10	3.8	-5.164	-0.0022	-2.5 to 2.5	Pass
				0	3.8	-7.288	-0.0032	-2.5 to 2.5	Pass
				10	3.8	1.027	0.0004	-2.5 to 2.5	Pass
				30	3.8	6.408	0.0028	-2.5 to 2.5	Pass
				40	3.8	3.474	0.0015	-2.5 to 2.5	Pass
				50	3.8	-5.382	-0.0023	-2.5 to 2.5	Pass
					3.23	5.505	0.0024	-2.5 to 2.5	Pass
				20	3.8	-3.032	-0.0013	-2.5 to 2.5	Pass
					4.37	-3.448	-0.0015	-2.5 to 2.5	Pass
				-30	3.8	5.204	0.0023	-2.5 to 2.5	Pass
				-20	3.8	-8.028	-0.0035	-2.5 to 2.5	Pass
16QAM	2310	25	0	-10	3.8	5.245	0.0023	-2.5 to 2.5	Pass
				0	3.8	9.412	0.0041	-2.5 to 2.5	Pass
				10	3.8	4.086	0.0018	-2.5 to 2.5	Pass
				30	3.8	-6.801	-0.0029	-2.5 to 2.5	Pass
				40	3.8	-6.442	-0.0028	-2.5 to 2.5	Pass
				50	3.8	0.742	0.0003	-2.5 to 2.5	Pass
					3.23	0.254	0.0001	-2.5 to 2.5	Pass
				20	3.8	-9.380	-0.0041	-2.5 to 2.5	Pass
					4.37	-2.702	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	-3.558	-0.0015	-2.5 to 2.5	Pass
				-20	3.8	4.450	0.0019	-2.5 to 2.5	Pass
	2312.5	25	0	-10	3.8	-14.064	-0.0061	-2.5 to 2.5	Pass
				0	3.8	-7.949	-0.0034	-2.5 to 2.5	Pass
				10	3.8	9.514	0.0041	-2.5 to 2.5	Pass
				30	3.8	-3.004	-0.0013	-2.5 to 2.5	Pass
				40	3.8	3.871	0.0017	-2.5 to 2.5	Pass
				50	3.8	8.834	0.0038	-2.5 to 2.5	Pass

4.2 B40a_10MHz

4.2.1 Test Result

Band: 40a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2310	50	0	20	3.23	-19.717	-0.0085	-2.5 to 2.5	Pass
					3.8	-17.737	-0.0077	-2.5 to 2.5	Pass
					4.37	8.710	0.0038	-2.5 to 2.5	Pass
				-30	3.8	-13.468	-0.0058	-2.5 to 2.5	Pass
				-20	3.8	1.675	0.0007	-2.5 to 2.5	Pass
				-10	3.8	-1.815	-0.0008	-2.5 to 2.5	Pass
				0	3.8	8.104	0.0035	-2.5 to 2.5	Pass
				10	3.8	-19.154	-0.0083	-2.5 to 2.5	Pass
				30	3.8	-10.204	-0.0044	-2.5 to 2.5	Pass
				40	3.8	5.404	0.0023	-2.5 to 2.5	Pass
				50	3.8	-18.052	-0.0078	-2.5 to 2.5	Pass
16QAM	2310	27	0	20	3.23	-0.473	-0.0002	-2.5 to 2.5	Pass
					3.8	4.688	0.0020	-2.5 to 2.5	Pass
					4.37	-5.939	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	5.641	0.0024	-2.5 to 2.5	Pass
				-20	3.8	-13.830	-0.0060	-2.5 to 2.5	Pass
				-10	3.8	5.075	0.0022	-2.5 to 2.5	Pass
				0	3.8	-2.967	-0.0013	-2.5 to 2.5	Pass
				10	3.8	-11.784	-0.0051	-2.5 to 2.5	Pass
				30	3.8	-4.984	-0.0022	-2.5 to 2.5	Pass
				40	3.8	-9.751	-0.0042	-2.5 to 2.5	Pass
				50	3.8	-13.304	-0.0058	-2.5 to 2.5	Pass

5. Frequency Stability

5.1 B40b_5MHz

5.1.1 Test Result

Band: 40b / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2352.5	25	0	20	3.23	-2.894	-0.0012	-2.5 to 2.5	Pass
					3.8	-8.084	-0.0034	-2.5 to 2.5	Pass
					4.37	-15.745	-0.0067	-2.5 to 2.5	Pass
				-30	3.8	-4.923	-0.0021	-2.5 to 2.5	Pass
				-20	3.8	15.463	0.0066	-2.5 to 2.5	Pass
				-10	3.8	-10.966	-0.0047	-2.5 to 2.5	Pass
				0	3.8	-5.018	-0.0021	-2.5 to 2.5	Pass
				10	3.8	12.730	0.0054	-2.5 to 2.5	Pass
				30	3.8	-2.100	-0.0009	-2.5 to 2.5	Pass
				40	3.8	-9.444	-0.0040	-2.5 to 2.5	Pass
				50	3.8	-6.420	-0.0027	-2.5 to 2.5	Pass
	2355	25	0	20	3.23	-4.672	-0.0020	-2.5 to 2.5	Pass
					3.8	-0.101	0.0000	-2.5 to 2.5	Pass
					4.37	15.028	0.0064	-2.5 to 2.5	Pass
				-30	3.8	-2.582	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-9.291	-0.0039	-2.5 to 2.5	Pass
				-10	3.8	-13.817	-0.0059	-2.5 to 2.5	Pass

				0	3.8	5.055	0.0021	-2.5 to 2.5	Pass
				10	3.8	19.086	0.0081	-2.5 to 2.5	Pass
				30	3.8	-16.370	-0.0070	-2.5 to 2.5	Pass
				40	3.8	4.324	0.0018	-2.5 to 2.5	Pass
				50	3.8	5.196	0.0022	-2.5 to 2.5	Pass
	2357.5	25	0	20	3.23	9.587	0.0041	-2.5 to 2.5	Pass
					3.8	-0.590	-0.0003	-2.5 to 2.5	Pass
					4.37	-3.015	-0.0013	-2.5 to 2.5	Pass
				-30	3.8	-7.387	-0.0031	-2.5 to 2.5	Pass
				-20	3.8	0.611	0.0003	-2.5 to 2.5	Pass
				-10	3.8	14.876	0.0063	-2.5 to 2.5	Pass
				0	3.8	-2.903	-0.0012	-2.5 to 2.5	Pass
				10	3.8	-9.448	-0.0040	-2.5 to 2.5	Pass
				30	3.8	2.687	0.0011	-2.5 to 2.5	Pass
				40	3.8	-2.108	-0.0009	-2.5 to 2.5	Pass
				50	3.8	8.036	0.0034	-2.5 to 2.5	Pass
16QAM	2352.5	25	0	20	3.23	-8.975	-0.0038	-2.5 to 2.5	Pass
					3.8	-14.503	-0.0062	-2.5 to 2.5	Pass
					4.37	11.059	0.0047	-2.5 to 2.5	Pass
				-30	3.8	-1.943	-0.0008	-2.5 to 2.5	Pass
				-20	3.8	10.215	0.0043	-2.5 to 2.5	Pass
				-10	3.8	-12.736	-0.0054	-2.5 to 2.5	Pass
				0	3.8	2.955	0.0013	-2.5 to 2.5	Pass
				10	3.8	-13.538	-0.0058	-2.5 to 2.5	Pass
				30	3.8	-8.674	-0.0037	-2.5 to 2.5	Pass
				40	3.8	2.600	0.0011	-2.5 to 2.5	Pass
				50	3.8	-10.486	-0.0045	-2.5 to 2.5	Pass
	2355	25	0	20	3.23	-7.042	-0.0030	-2.5 to 2.5	Pass
					3.8	2.983	0.0013	-2.5 to 2.5	Pass
					4.37	-8.832	-0.0038	-2.5 to 2.5	Pass
				-30	3.8	0.836	0.0004	-2.5 to 2.5	Pass
				-20	3.8	1.758	0.0007	-2.5 to 2.5	Pass
				-10	3.8	11.780	0.0050	-2.5 to 2.5	Pass
				0	3.8	2.481	0.0011	-2.5 to 2.5	Pass
				10	3.8	-7.914	-0.0034	-2.5 to 2.5	Pass
				30	3.8	-2.396	-0.0010	-2.5 to 2.5	Pass
				40	3.8	9.612	0.0041	-2.5 to 2.5	Pass
				50	3.8	8.071	0.0034	-2.5 to 2.5	Pass
	2357.5	25	0	20	3.23	6.082	0.0026	-2.5 to 2.5	Pass
					3.8	1.714	0.0007	-2.5 to 2.5	Pass
					4.37	-16.469	-0.0070	-2.5 to 2.5	Pass
				-30	3.8	-17.002	-0.0072	-2.5 to 2.5	Pass
				-20	3.8	-3.115	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	5.099	0.0022	-2.5 to 2.5	Pass
				0	3.8	9.620	0.0041	-2.5 to 2.5	Pass
				10	3.8	9.242	0.0039	-2.5 to 2.5	Pass
				30	3.8	-8.040	-0.0034	-2.5 to 2.5	Pass
				40	3.8	-6.671	-0.0028	-2.5 to 2.5	Pass
				50	3.8	4.553	0.0019	-2.5 to 2.5	Pass

5.2 B40b_10MHz

5.2.1 Test Result

Band: 40b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2355	50	0	20	3.23	-7.999	-0.0034	-2.5 to 2.5	Pass

					3.8	-0.662	-0.0003	-2.5 to 2.5	Pass
					4.37	4.298	0.0018	-2.5 to 2.5	Pass
				-30	3.8	10.553	0.0045	-2.5 to 2.5	Pass
				-20	3.8	3.929	0.0017	-2.5 to 2.5	Pass
				-10	3.8	8.871	0.0038	-2.5 to 2.5	Pass
				0	3.8	8.761	0.0037	-2.5 to 2.5	Pass
				10	3.8	-7.559	-0.0032	-2.5 to 2.5	Pass
				30	3.8	8.188	0.0035	-2.5 to 2.5	Pass
				40	3.8	-7.790	-0.0033	-2.5 to 2.5	Pass
				50	3.8	2.487	0.0011	-2.5 to 2.5	Pass
16QAM	2355	27	0	20	3.23	-3.859	-0.0016	-2.5 to 2.5	Pass
					3.8	-3.757	-0.0016	-2.5 to 2.5	Pass
					4.37	-11.568	-0.0049	-2.5 to 2.5	Pass
				-30	3.8	12.138	0.0052	-2.5 to 2.5	Pass
				-20	3.8	4.432	0.0019	-2.5 to 2.5	Pass
				-10	3.8	12.414	0.0053	-2.5 to 2.5	Pass
				0	3.8	-2.425	-0.0010	-2.5 to 2.5	Pass
				10	3.8	-9.491	-0.0040	-2.5 to 2.5	Pass
				30	3.8	9.116	0.0039	-2.5 to 2.5	Pass
				40	3.8	-6.035	-0.0026	-2.5 to 2.5	Pass
				50	3.8	-2.712	-0.0012	-2.5 to 2.5	Pass

6. Frequency Stability

6.1 B41_5MHz

6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2537.5	25	0	20	3.23	-18.416	-0.0073	-2.5 to 2.5	Pass
					3.8	5.131	0.0020	-2.5 to 2.5	Pass
					4.37	-24.897	-0.0098	-2.5 to 2.5	Pass
				-30	3.8	-6.970	-0.0027	-2.5 to 2.5	Pass
				-20	3.8	-15.982	-0.0063	-2.5 to 2.5	Pass
				-10	3.8	-15.632	-0.0062	-2.5 to 2.5	Pass
				0	3.8	0.496	0.0002	-2.5 to 2.5	Pass
				10	3.8	-11.367	-0.0045	-2.5 to 2.5	Pass
				30	3.8	-16.488	-0.0065	-2.5 to 2.5	Pass
				40	3.8	-1.006	-0.0004	-2.5 to 2.5	Pass
				50	3.8	-12.302	-0.0048	-2.5 to 2.5	Pass
	2605	25	0	20	3.23	-1.634	-0.0006	-2.5 to 2.5	Pass
					3.8	-1.538	-0.0006	-2.5 to 2.5	Pass
					4.37	2.593	0.0010	-2.5 to 2.5	Pass
				-30	3.8	-13.325	-0.0051	-2.5 to 2.5	Pass
				-20	3.8	2.165	0.0008	-2.5 to 2.5	Pass
				-10	3.8	24.494	0.0094	-2.5 to 2.5	Pass
				0	3.8	-4.288	-0.0016	-2.5 to 2.5	Pass
				10	3.8	-4.490	-0.0017	-2.5 to 2.5	Pass
				30	3.8	9.071	0.0035	-2.5 to 2.5	Pass
				40	3.8	6.223	0.0024	-2.5 to 2.5	Pass
				50	3.8	-3.061	-0.0012	-2.5 to 2.5	Pass
	2672.5	25	0	20	3.23	11.818	0.0044	-2.5 to 2.5	Pass
					3.8	5.779	0.0022	-2.5 to 2.5	Pass
					4.37	8.788	0.0033	-2.5 to 2.5	Pass

				-30	3.8	11.510	0.0043	-2.5 to 2.5	Pass
				-20	3.8	-2.975	-0.0011	-2.5 to 2.5	Pass
				-10	3.8	11.411	0.0043	-2.5 to 2.5	Pass
				0	3.8	-2.155	-0.0008	-2.5 to 2.5	Pass
				10	3.8	-0.081	0.0000	-2.5 to 2.5	Pass
				30	3.8	-2.276	-0.0009	-2.5 to 2.5	Pass
				40	3.8	12.990	0.0049	-2.5 to 2.5	Pass
				50	3.8	19.556	0.0073	-2.5 to 2.5	Pass
16QAM	2537.5	25	0	20	3.23	0.325	0.0001	-2.5 to 2.5	Pass
					3.8	-12.723	-0.0050	-2.5 to 2.5	Pass
					4.37	13.485	0.0053	-2.5 to 2.5	Pass
				-30	3.8	-7.664	-0.0030	-2.5 to 2.5	Pass
				-20	3.8	2.111	0.0008	-2.5 to 2.5	Pass
				-10	3.8	-10.008	-0.0039	-2.5 to 2.5	Pass
				0	3.8	-12.743	-0.0050	-2.5 to 2.5	Pass
				10	3.8	0.997	0.0004	-2.5 to 2.5	Pass
				30	3.8	6.491	0.0026	-2.5 to 2.5	Pass
				40	3.8	4.964	0.0020	-2.5 to 2.5	Pass
				50	3.8	-1.601	-0.0006	-2.5 to 2.5	Pass
	2605	25	0	20	3.23	-2.964	-0.0011	-2.5 to 2.5	Pass
					3.8	-7.247	-0.0028	-2.5 to 2.5	Pass
					4.37	3.740	0.0014	-2.5 to 2.5	Pass
				-30	3.8	15.694	0.0060	-2.5 to 2.5	Pass
				-20	3.8	-2.283	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-1.446	-0.0006	-2.5 to 2.5	Pass
				0	3.8	-9.551	-0.0037	-2.5 to 2.5	Pass
				10	3.8	2.056	0.0008	-2.5 to 2.5	Pass
				30	3.8	2.009	0.0008	-2.5 to 2.5	Pass
				40	3.8	-4.447	-0.0017	-2.5 to 2.5	Pass
				50	3.8	5.379	0.0021	-2.5 to 2.5	Pass
	2672.5	25	0	20	3.23	0.522	0.0002	-2.5 to 2.5	Pass
					3.8	21.968	0.0082	-2.5 to 2.5	Pass
					4.37	7.686	0.0029	-2.5 to 2.5	Pass
				-30	3.8	17.929	0.0067	-2.5 to 2.5	Pass
				-20	3.8	-2.659	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	-6.213	-0.0023	-2.5 to 2.5	Pass
				0	3.8	13.256	0.0050	-2.5 to 2.5	Pass
				10	3.8	9.472	0.0035	-2.5 to 2.5	Pass
				30	3.8	3.736	0.0014	-2.5 to 2.5	Pass
				40	3.8	11.342	0.0042	-2.5 to 2.5	Pass
				50	3.8	11.547	0.0043	-2.5 to 2.5	Pass

6.2 B41_10MHz

6.2.1 Test Result

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2540	50	0	20	3.23	-10.619	-0.0042	-2.5 to 2.5	Pass
					3.8	-12.851	-0.0051	-2.5 to 2.5	Pass
					4.37	-12.711	-0.0050	-2.5 to 2.5	Pass
				-30	3.8	5.499	0.0022	-2.5 to 2.5	Pass
				-20	3.8	-6.443	-0.0025	-2.5 to 2.5	Pass
				-10	3.8	-3.096	-0.0012	-2.5 to 2.5	Pass
				0	3.8	-11.645	-0.0046	-2.5 to 2.5	Pass
				10	3.8	-12.681	-0.0050	-2.5 to 2.5	Pass
				30	3.8	-14.503	-0.0057	-2.5 to 2.5	Pass

				40	3.8	4.630	0.0018	-2.5 to 2.5	Pass
				50	3.8	11.716	0.0046	-2.5 to 2.5	Pass
	2605	50	0	20	3.23	9.007	0.0035	-2.5 to 2.5	Pass
					3.8	-16.798	-0.0064	-2.5 to 2.5	Pass
					4.37	-2.342	-0.0009	-2.5 to 2.5	Pass
				-30	3.8	-6.201	-0.0024	-2.5 to 2.5	Pass
				-20	3.8	11.283	0.0043	-2.5 to 2.5	Pass
				-10	3.8	-1.301	-0.0005	-2.5 to 2.5	Pass
				0	3.8	2.028	0.0008	-2.5 to 2.5	Pass
				10	3.8	5.181	0.0020	-2.5 to 2.5	Pass
				30	3.8	4.050	0.0016	-2.5 to 2.5	Pass
				40	3.8	-3.341	-0.0013	-2.5 to 2.5	Pass
				50	3.8	1.944	0.0007	-2.5 to 2.5	Pass
	2670	50	0	20	3.23	4.030	0.0015	-2.5 to 2.5	Pass
					3.8	1.975	0.0007	-2.5 to 2.5	Pass
					4.37	-12.008	-0.0045	-2.5 to 2.5	Pass
				-30	3.8	10.056	0.0038	-2.5 to 2.5	Pass
				-20	3.8	7.499	0.0028	-2.5 to 2.5	Pass
				-10	3.8	0.460	0.0002	-2.5 to 2.5	Pass
				0	3.8	-8.340	-0.0031	-2.5 to 2.5	Pass
				10	3.8	1.885	0.0007	-2.5 to 2.5	Pass
				30	3.8	-9.662	-0.0036	-2.5 to 2.5	Pass
				40	3.8	13.352	0.0050	-2.5 to 2.5	Pass
				50	3.8	8.781	0.0033	-2.5 to 2.5	Pass
16QAM	2540	27	0	20	3.23	7.973	0.0031	-2.5 to 2.5	Pass
					3.8	2.100	0.0008	-2.5 to 2.5	Pass
					4.37	-10.292	-0.0041	-2.5 to 2.5	Pass
				-30	3.8	-5.610	-0.0022	-2.5 to 2.5	Pass
				-20	3.8	-2.556	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	10.619	0.0042	-2.5 to 2.5	Pass
				0	3.8	-13.304	-0.0052	-2.5 to 2.5	Pass
				10	3.8	10.778	0.0042	-2.5 to 2.5	Pass
				30	3.8	-3.306	-0.0013	-2.5 to 2.5	Pass
				40	3.8	-6.313	-0.0025	-2.5 to 2.5	Pass
				50	3.8	-7.896	-0.0031	-2.5 to 2.5	Pass
	2605	27	0	20	3.23	5.946	0.0023	-2.5 to 2.5	Pass
					3.8	8.513	0.0033	-2.5 to 2.5	Pass
					4.37	2.876	0.0011	-2.5 to 2.5	Pass
				-30	3.8	-7.315	-0.0028	-2.5 to 2.5	Pass
				-20	3.8	-1.908	-0.0007	-2.5 to 2.5	Pass
				-10	3.8	-6.663	-0.0026	-2.5 to 2.5	Pass
				0	3.8	5.366	0.0021	-2.5 to 2.5	Pass
				10	3.8	-2.941	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-4.841	-0.0019	-2.5 to 2.5	Pass
				40	3.8	11.261	0.0043	-2.5 to 2.5	Pass
				50	3.8	1.449	0.0006	-2.5 to 2.5	Pass
	2670	27	23	20	3.23	-6.641	-0.0025	-2.5 to 2.5	Pass
					3.8	-2.781	-0.0010	-2.5 to 2.5	Pass
					4.37	7.699	0.0029	-2.5 to 2.5	Pass
				-30	3.8	20.179	0.0076	-2.5 to 2.5	Pass
				-20	3.8	-1.296	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	4.324	0.0016	-2.5 to 2.5	Pass
				0	3.8	6.308	0.0024	-2.5 to 2.5	Pass
				10	3.8	4.617	0.0017	-2.5 to 2.5	Pass
				30	3.8	13.090	0.0049	-2.5 to 2.5	Pass
				40	3.8	5.624	0.0021	-2.5 to 2.5	Pass
				50	3.8	11.349	0.0043	-2.5 to 2.5	Pass

6.3 B41_15MHz

6.3.1 Test Result

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2542.5	75	0	20	3.23	-12.664	-0.0050	-2.5 to 2.5	Pass
					3.8	-14.756	-0.0058	-2.5 to 2.5	Pass
					4.37	-8.286	-0.0033	-2.5 to 2.5	Pass
				-30	3.8	-14.688	-0.0058	-2.5 to 2.5	Pass
				-20	3.8	-1.219	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	-18.638	-0.0073	-2.5 to 2.5	Pass
				0	3.8	-6.277	-0.0025	-2.5 to 2.5	Pass
				10	3.8	-11.790	-0.0046	-2.5 to 2.5	Pass
				30	3.8	-16.292	-0.0064	-2.5 to 2.5	Pass
				40	3.8	3.662	0.0014	-2.5 to 2.5	Pass
				50	3.8	-3.843	-0.0015	-2.5 to 2.5	Pass
	2605	75	0	20	3.23	-6.964	-0.0027	-2.5 to 2.5	Pass
					3.8	-4.142	-0.0016	-2.5 to 2.5	Pass
					4.37	-15.555	-0.0060	-2.5 to 2.5	Pass
				-30	3.8	-13.863	-0.0053	-2.5 to 2.5	Pass
				-20	3.8	2.177	0.0008	-2.5 to 2.5	Pass
				-10	3.8	-5.025	-0.0019	-2.5 to 2.5	Pass
				0	3.8	4.256	0.0016	-2.5 to 2.5	Pass
				10	3.8	-7.494	-0.0029	-2.5 to 2.5	Pass
				30	3.8	-4.297	-0.0016	-2.5 to 2.5	Pass
				40	3.8	10.091	0.0039	-2.5 to 2.5	Pass
				50	3.8	-2.301	-0.0009	-2.5 to 2.5	Pass
	2667.5	75	0	20	3.23	-10.589	-0.0040	-2.5 to 2.5	Pass
					3.8	-10.558	-0.0040	-2.5 to 2.5	Pass
					4.37	-12.484	-0.0047	-2.5 to 2.5	Pass
				-30	3.8	-13.304	-0.0050	-2.5 to 2.5	Pass
				-20	3.8	-4.658	-0.0017	-2.5 to 2.5	Pass
				-10	3.8	3.409	0.0013	-2.5 to 2.5	Pass
				0	3.8	-11.927	-0.0045	-2.5 to 2.5	Pass
				10	3.8	-3.127	-0.0012	-2.5 to 2.5	Pass
				30	3.8	1.397	0.0005	-2.5 to 2.5	Pass
				40	3.8	13.378	0.0050	-2.5 to 2.5	Pass
				50	3.8	9.098	0.0034	-2.5 to 2.5	Pass
16QAM	2542.5	27	0	20	3.23	-7.414	-0.0029	-2.5 to 2.5	Pass
					3.8	2.067	0.0008	-2.5 to 2.5	Pass
					4.37	-0.475	-0.0002	-2.5 to 2.5	Pass
				-30	3.8	-7.746	-0.0030	-2.5 to 2.5	Pass
				-20	3.8	-5.893	-0.0023	-2.5 to 2.5	Pass
				-10	3.8	-12.848	-0.0051	-2.5 to 2.5	Pass
				0	3.8	-3.685	-0.0014	-2.5 to 2.5	Pass
				10	3.8	8.847	0.0035	-2.5 to 2.5	Pass
				30	3.8	-0.124	0.0000	-2.5 to 2.5	Pass
				40	3.8	-15.385	-0.0061	-2.5 to 2.5	Pass
				50	3.8	7.741	0.0030	-2.5 to 2.5	Pass
	2605	27	0	20	3.23	-19.613	-0.0075	-2.5 to 2.5	Pass
					3.8	-2.504	-0.0010	-2.5 to 2.5	Pass
					4.37	-1.268	-0.0005	-2.5 to 2.5	Pass
				-30	3.8	-2.439	-0.0009	-2.5 to 2.5	Pass
				-20	3.8	-9.345	-0.0036	-2.5 to 2.5	Pass
				-10	3.8	1.733	0.0007	-2.5 to 2.5	Pass
				0	3.8	-4.922	-0.0019	-2.5 to 2.5	Pass
				10	3.8	12.358	0.0047	-2.5 to 2.5	Pass

				30	3.8	6.153	0.0024	-2.5 to 2.5	Pass
				40	3.8	-0.731	-0.0003	-2.5 to 2.5	Pass
				50	3.8	8.144	0.0031	-2.5 to 2.5	Pass
	2667.5	27	48	20	3.23	19.843	0.0074	-2.5 to 2.5	Pass
					3.8	-12.033	-0.0045	-2.5 to 2.5	Pass
					4.37	-7.436	-0.0028	-2.5 to 2.5	Pass
				-30	3.8	-6.751	-0.0025	-2.5 to 2.5	Pass
				-20	3.8	0.139	0.0001	-2.5 to 2.5	Pass
				-10	3.8	-0.787	-0.0003	-2.5 to 2.5	Pass
				0	3.8	0.850	0.0003	-2.5 to 2.5	Pass
				10	3.8	3.646	0.0014	-2.5 to 2.5	Pass
				30	3.8	-4.644	-0.0017	-2.5 to 2.5	Pass
				40	3.8	-4.690	-0.0018	-2.5 to 2.5	Pass
				50	3.8	-1.557	-0.0006	-2.5 to 2.5	Pass

6.4 B41_20MHz

6.4.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2545	100	0	20	3.23	-11.616	-0.0046	-2.5 to 2.5	Pass
					3.8	-14.544	-0.0057	-2.5 to 2.5	Pass
					4.37	-16.868	-0.0066	-2.5 to 2.5	Pass
				-30	3.8	-3.152	-0.0012	-2.5 to 2.5	Pass
				-20	3.8	7.444	0.0029	-2.5 to 2.5	Pass
				-10	3.8	-0.412	-0.0002	-2.5 to 2.5	Pass
				0	3.8	-3.914	-0.0015	-2.5 to 2.5	Pass
				10	3.8	-5.489	-0.0022	-2.5 to 2.5	Pass
				30	3.8	-5.641	-0.0022	-2.5 to 2.5	Pass
				40	3.8	-0.768	-0.0003	-2.5 to 2.5	Pass
				50	3.8	-3.337	-0.0013	-2.5 to 2.5	Pass
	2605	100	0	20	3.23	-27.012	-0.0104	-2.5 to 2.5	Pass
					3.8	-18.849	-0.0072	-2.5 to 2.5	Pass
					4.37	0.583	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-9.280	-0.0036	-2.5 to 2.5	Pass
				-20	3.8	5.324	0.0020	-2.5 to 2.5	Pass
				-10	3.8	2.276	0.0009	-2.5 to 2.5	Pass
				0	3.8	-7.973	-0.0031	-2.5 to 2.5	Pass
				10	3.8	8.740	0.0034	-2.5 to 2.5	Pass
				30	3.8	2.833	0.0011	-2.5 to 2.5	Pass
				40	3.8	11.869	0.0046	-2.5 to 2.5	Pass
				50	3.8	1.327	0.0005	-2.5 to 2.5	Pass
	2665	100	0	20	3.23	-23.184	-0.0087	-2.5 to 2.5	Pass
					3.8	-14.192	-0.0053	-2.5 to 2.5	Pass
					4.37	-8.865	-0.0033	-2.5 to 2.5	Pass
				-30	3.8	-12.692	-0.0048	-2.5 to 2.5	Pass
				-20	3.8	-8.604	-0.0032	-2.5 to 2.5	Pass
				-10	3.8	-18.532	-0.0070	-2.5 to 2.5	Pass
				0	3.8	-12.117	-0.0045	-2.5 to 2.5	Pass
				10	3.8	-10.826	-0.0041	-2.5 to 2.5	Pass
				30	3.8	-6.721	-0.0025	-2.5 to 2.5	Pass
				40	3.8	-22.417	-0.0084	-2.5 to 2.5	Pass
				50	3.8	-18.661	-0.0070	-2.5 to 2.5	Pass
16QAM	2545	27	0	20	3.23	16.572	0.0065	-2.5 to 2.5	Pass
					3.8	5.850	0.0023	-2.5 to 2.5	Pass
					4.37	7.923	0.0031	-2.5 to 2.5	Pass

				-30	3.8	2.765	0.0011	-2.5 to 2.5	Pass
				-20	3.8	6.073	0.0024	-2.5 to 2.5	Pass
				-10	3.8	13.198	0.0052	-2.5 to 2.5	Pass
				0	3.8	15.565	0.0061	-2.5 to 2.5	Pass
				10	3.8	15.374	0.0060	-2.5 to 2.5	Pass
				30	3.8	-11.503	-0.0045	-2.5 to 2.5	Pass
				40	3.8	8.166	0.0032	-2.5 to 2.5	Pass
				50	3.8	-4.261	-0.0017	-2.5 to 2.5	Pass
	2605	27	0	20	3.23	-6.359	-0.0024	-2.5 to 2.5	Pass
					3.8	7.344	0.0028	-2.5 to 2.5	Pass
					4.37	3.195	0.0012	-2.5 to 2.5	Pass
				-30	3.8	-12.169	-0.0047	-2.5 to 2.5	Pass
				-20	3.8	-8.594	-0.0033	-2.5 to 2.5	Pass
				-10	3.8	3.689	0.0014	-2.5 to 2.5	Pass
				0	3.8	19.272	0.0074	-2.5 to 2.5	Pass
				10	3.8	-4.899	-0.0019	-2.5 to 2.5	Pass
				30	3.8	0.039	0.0000	-2.5 to 2.5	Pass
				40	3.8	-0.720	-0.0003	-2.5 to 2.5	Pass
				50	3.8	-0.366	-0.0001	-2.5 to 2.5	Pass
	2665	27	73	20	3.23	20.535	0.0077	-2.5 to 2.5	Pass
					3.8	0.539	0.0002	-2.5 to 2.5	Pass
					4.37	3.568	0.0013	-2.5 to 2.5	Pass
				-30	3.8	7.091	0.0027	-2.5 to 2.5	Pass
				-20	3.8	0.579	0.0002	-2.5 to 2.5	Pass
				-10	3.8	-12.643	-0.0047	-2.5 to 2.5	Pass
				0	3.8	-5.417	-0.0020	-2.5 to 2.5	Pass
				10	3.8	10.118	0.0038	-2.5 to 2.5	Pass
				30	3.8	-3.993	-0.0015	-2.5 to 2.5	Pass
				40	3.8	6.782	0.0025	-2.5 to 2.5	Pass
				50	3.8	-8.669	-0.0033	-2.5 to 2.5	Pass

7. Frequency Stability

7.1 B5_1.4MHz

7.1.1 Test Result

Band: 5 / 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	3.23	-4.229	-0.0051	-2.5 to 2.5	Pass
					3.8	-10.912	-0.0132	-2.5 to 2.5	Pass
					4.37	-2.262	-0.0027	-2.5 to 2.5	Pass
				-30	3.8	-10.824	-0.0131	-2.5 to 2.5	Pass
				-20	3.8	-17.415	-0.0211	-2.5 to 2.5	Pass
				-10	3.8	-18.212	-0.0221	-2.5 to 2.5	Pass
				0	3.8	-7.387	-0.0090	-2.5 to 2.5	Pass
				10	3.8	-3.176	-0.0039	-2.5 to 2.5	Pass
				30	3.8	-8.263	-0.0100	-2.5 to 2.5	Pass
				40	3.8	-14.416	-0.0175	-2.5 to 2.5	Pass
				50	3.8	-0.588	-0.0007	-2.5 to 2.5	Pass
	836.5	6	0	20	3.23	-6.230	-0.0074	-2.5 to 2.5	Pass
					3.8	-19.066	-0.0228	-2.5 to 2.5	Pass
					4.37	-17.039	-0.0204	-2.5 to 2.5	Pass
				-30	3.8	6.672	0.0080	-2.5 to 2.5	Pass
				-20	3.8	-8.860	-0.0106	-2.5 to 2.5	Pass

				-10	3.8	-12.371	-0.0148	-2.5 to 2.5	Pass
				0	3.8	3.821	0.0046	-2.5 to 2.5	Pass
				10	3.8	-8.359	-0.0100	-2.5 to 2.5	Pass
				30	3.8	-8.015	-0.0096	-2.5 to 2.5	Pass
				40	3.8	5.596	0.0067	-2.5 to 2.5	Pass
				50	3.8	-7.273	-0.0087	-2.5 to 2.5	Pass
	848.3	6	0	20	3.23	5.426	0.0064	-2.5 to 2.5	Pass
					3.8	-7.273	-0.0086	-2.5 to 2.5	Pass
					4.37	-0.142	-0.0002	-2.5 to 2.5	Pass
				-30	3.8	-8.200	-0.0097	-2.5 to 2.5	Pass
				-20	3.8	-8.990	-0.0106	-2.5 to 2.5	Pass
				-10	3.8	0.846	0.0010	-2.5 to 2.5	Pass
				0	3.8	-16.609	-0.0196	-2.5 to 2.5	Pass
				10	3.8	-2.493	-0.0029	-2.5 to 2.5	Pass
				30	3.8	-9.299	-0.0110	-2.5 to 2.5	Pass
				40	3.8	-2.428	-0.0029	-2.5 to 2.5	Pass
				50	3.8	-14.215	-0.0168	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.23	-16.053	-0.0195	-2.5 to 2.5	Pass
					3.8	-6.326	-0.0077	-2.5 to 2.5	Pass
					4.37	-10.838	-0.0131	-2.5 to 2.5	Pass
				-30	3.8	-2.258	-0.0027	-2.5 to 2.5	Pass
				-20	3.8	5.242	0.0064	-2.5 to 2.5	Pass
				-10	3.8	10.622	0.0129	-2.5 to 2.5	Pass
				0	3.8	9.531	0.0116	-2.5 to 2.5	Pass
				10	3.8	11.583	0.0140	-2.5 to 2.5	Pass
				30	3.8	14.838	0.0180	-2.5 to 2.5	Pass
				40	3.8	-3.831	-0.0046	-2.5 to 2.5	Pass
				50	3.8	-11.356	-0.0138	-2.5 to 2.5	Pass
	836.5	6	0	20	3.23	-12.469	-0.0149	-2.5 to 2.5	Pass
					3.8	-5.508	-0.0066	-2.5 to 2.5	Pass
					4.37	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.8	0.787	0.0009	-2.5 to 2.5	Pass
				-20	3.8	13.933	0.0167	-2.5 to 2.5	Pass
				-10	3.8	13.421	0.0160	-2.5 to 2.5	Pass
				0	3.8	6.112	0.0073	-2.5 to 2.5	Pass
				10	3.8	13.238	0.0158	-2.5 to 2.5	Pass
				30	3.8	0.576	0.0007	-2.5 to 2.5	Pass
				40	3.8	-5.154	-0.0062	-2.5 to 2.5	Pass
				50	3.8	-6.909	-0.0083	-2.5 to 2.5	Pass
	848.3	6	0	20	3.23	12.980	0.0153	-2.5 to 2.5	Pass
					3.8	1.565	0.0018	-2.5 to 2.5	Pass
					4.37	9.852	0.0116	-2.5 to 2.5	Pass
				-30	3.8	2.383	0.0028	-2.5 to 2.5	Pass
				-20	3.8	5.110	0.0060	-2.5 to 2.5	Pass
				-10	3.8	12.609	0.0149	-2.5 to 2.5	Pass
				0	3.8	14.305	0.0169	-2.5 to 2.5	Pass
				10	3.8	-7.763	-0.0092	-2.5 to 2.5	Pass
				30	3.8	-10.829	-0.0128	-2.5 to 2.5	Pass
				40	3.8	-14.145	-0.0167	-2.5 to 2.5	Pass
				50	3.8	-2.895	-0.0034	-2.5 to 2.5	Pass

7.2 B5_3MHz

7.2.1 Test Result

Band: 5 / 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	3.23	-11.813	-0.0143	-2.5 to 2.5	Pass
					3.8	-0.838	-0.0010	-2.5 to 2.5	Pass
					4.37	0.135	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-6.938	-0.0084	-2.5 to 2.5	Pass
				-20	3.8	-8.613	-0.0104	-2.5 to 2.5	Pass
				-10	3.8	3.014	0.0037	-2.5 to 2.5	Pass
				0	3.8	-12.897	-0.0156	-2.5 to 2.5	Pass
				10	3.8	-17.116	-0.0207	-2.5 to 2.5	Pass
				30	3.8	-8.187	-0.0099	-2.5 to 2.5	Pass
				40	3.8	-12.703	-0.0154	-2.5 to 2.5	Pass
				50	3.8	-23.839	-0.0289	-2.5 to 2.5	Pass
	836.5	15	0	20	3.23	-19.853	-0.0237	-2.5 to 2.5	Pass
					3.8	-17.282	-0.0207	-2.5 to 2.5	Pass
					4.37	-5.262	-0.0063	-2.5 to 2.5	Pass
				-30	3.8	4.064	0.0049	-2.5 to 2.5	Pass
				-20	3.8	-7.649	-0.0091	-2.5 to 2.5	Pass
				-10	3.8	-5.758	-0.0069	-2.5 to 2.5	Pass
				0	3.8	-13.225	-0.0158	-2.5 to 2.5	Pass
				10	3.8	-9.653	-0.0115	-2.5 to 2.5	Pass
				30	3.8	-20.710	-0.0248	-2.5 to 2.5	Pass
				40	3.8	-12.947	-0.0155	-2.5 to 2.5	Pass
				50	3.8	-6.953	-0.0083	-2.5 to 2.5	Pass
	847.5	15	0	20	3.23	5.606	0.0066	-2.5 to 2.5	Pass
					3.8	0.380	0.0004	-2.5 to 2.5	Pass
					4.37	-0.098	-0.0001	-2.5 to 2.5	Pass
				-30	3.8	-17.482	-0.0206	-2.5 to 2.5	Pass
				-20	3.8	-5.095	-0.0060	-2.5 to 2.5	Pass
				-10	3.8	-7.835	-0.0092	-2.5 to 2.5	Pass
				0	3.8	-13.758	-0.0162	-2.5 to 2.5	Pass
				10	3.8	6.950	0.0082	-2.5 to 2.5	Pass
				30	3.8	-12.457	-0.0147	-2.5 to 2.5	Pass
				40	3.8	-16.955	-0.0200	-2.5 to 2.5	Pass
				50	3.8	0.785	0.0009	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.23	-10.495	-0.0127	-2.5 to 2.5	Pass
					3.8	13.017	0.0158	-2.5 to 2.5	Pass
					4.37	1.307	0.0016	-2.5 to 2.5	Pass
				-30	3.8	16.514	0.0200	-2.5 to 2.5	Pass
				-20	3.8	5.836	0.0071	-2.5 to 2.5	Pass
				-10	3.8	11.287	0.0137	-2.5 to 2.5	Pass
				0	3.8	9.696	0.0117	-2.5 to 2.5	Pass
				10	3.8	11.638	0.0141	-2.5 to 2.5	Pass
				30	3.8	14.407	0.0175	-2.5 to 2.5	Pass
				40	3.8	-1.650	-0.0020	-2.5 to 2.5	Pass
				50	3.8	-12.033	-0.0146	-2.5 to 2.5	Pass
	836.5	15	0	20	3.23	-9.802	-0.0117	-2.5 to 2.5	Pass
					3.8	-8.060	-0.0096	-2.5 to 2.5	Pass
					4.37	1.930	0.0023	-2.5 to 2.5	Pass
				-30	3.8	-4.658	-0.0056	-2.5 to 2.5	Pass
				-20	3.8	11.717	0.0140	-2.5 to 2.5	Pass
				-10	3.8	-3.449	-0.0041	-2.5 to 2.5	Pass
				0	3.8	-14.347	-0.0172	-2.5 to 2.5	Pass
				10	3.8	-4.203	-0.0050	-2.5 to 2.5	Pass
				30	3.8	-2.973	-0.0036	-2.5 to 2.5	Pass
				40	3.8	-2.678	-0.0032	-2.5 to 2.5	Pass
				50	3.8	-3.543	-0.0042	-2.5 to 2.5	Pass
	847.5	15	0	20	3.23	-0.800	-0.0009	-2.5 to 2.5	Pass
					3.8	5.793	0.0068	-2.5 to 2.5	Pass
					4.37	1.978	0.0023	-2.5 to 2.5	Pass
				-30	3.8	14.498	0.0171	-2.5 to 2.5	Pass

				-20	3.8	13.367	0.0158	-2.5 to 2.5	Pass
				-10	3.8	-11.649	-0.0137	-2.5 to 2.5	Pass
				0	3.8	-11.492	-0.0136	-2.5 to 2.5	Pass
				10	3.8	-4.819	-0.0057	-2.5 to 2.5	Pass
				30	3.8	9.602	0.0113	-2.5 to 2.5	Pass
				40	3.8	-12.123	-0.0143	-2.5 to 2.5	Pass
				50	3.8	-11.004	-0.0130	-2.5 to 2.5	Pass

7.3 B5_5MHz

7.3.1 Test Result

Band: 5 / 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	3.23	-9.682	-0.0117	-2.5 to 2.5	Pass
					3.8	-20.265	-0.0245	-2.5 to 2.5	Pass
					4.37	-9.135	-0.0111	-2.5 to 2.5	Pass
				-30	3.8	-12.809	-0.0155	-2.5 to 2.5	Pass
				-20	3.8	-18.238	-0.0221	-2.5 to 2.5	Pass
				-10	3.8	-10.234	-0.0124	-2.5 to 2.5	Pass
				0	3.8	-17.167	-0.0208	-2.5 to 2.5	Pass
				10	3.8	-3.583	-0.0043	-2.5 to 2.5	Pass
				30	3.8	-14.304	-0.0173	-2.5 to 2.5	Pass
				40	3.8	7.396	0.0089	-2.5 to 2.5	Pass
				50	3.8	4.827	0.0058	-2.5 to 2.5	Pass
	836.5	25	0	20	3.23	-2.299	-0.0027	-2.5 to 2.5	Pass
					3.8	-1.220	-0.0015	-2.5 to 2.5	Pass
					4.37	-18.089	-0.0216	-2.5 to 2.5	Pass
				-30	3.8	-3.933	-0.0047	-2.5 to 2.5	Pass
				-20	3.8	-1.870	-0.0022	-2.5 to 2.5	Pass
				-10	3.8	-3.336	-0.0040	-2.5 to 2.5	Pass
				0	3.8	-14.795	-0.0177	-2.5 to 2.5	Pass
				10	3.8	2.303	0.0028	-2.5 to 2.5	Pass
				30	3.8	-11.100	-0.0133	-2.5 to 2.5	Pass
				40	3.8	-2.586	-0.0031	-2.5 to 2.5	Pass
				50	3.8	-3.167	-0.0038	-2.5 to 2.5	Pass
	846.5	25	0	20	3.23	17.050	0.0201	-2.5 to 2.5	Pass
					3.8	-18.113	-0.0214	-2.5 to 2.5	Pass
					4.37	-7.552	-0.0089	-2.5 to 2.5	Pass
				-30	3.8	-0.163	-0.0002	-2.5 to 2.5	Pass
				-20	3.8	-6.546	-0.0077	-2.5 to 2.5	Pass
				-10	3.8	-2.570	-0.0030	-2.5 to 2.5	Pass
				0	3.8	-15.747	-0.0186	-2.5 to 2.5	Pass
				10	3.8	-8.981	-0.0106	-2.5 to 2.5	Pass
				30	3.8	-6.934	-0.0082	-2.5 to 2.5	Pass
				40	3.8	-8.890	-0.0105	-2.5 to 2.5	Pass
				50	3.8	-15.735	-0.0186	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.23	-5.101	-0.0062	-2.5 to 2.5	Pass
					3.8	10.675	0.0129	-2.5 to 2.5	Pass
					4.37	-2.800	-0.0034	-2.5 to 2.5	Pass
				-30	3.8	-1.907	-0.0023	-2.5 to 2.5	Pass
				-20	3.8	1.825	0.0022	-2.5 to 2.5	Pass
				-10	3.8	11.725	0.0142	-2.5 to 2.5	Pass
				0	3.8	18.600	0.0225	-2.5 to 2.5	Pass
				10	3.8	20.668	0.0250	-2.5 to 2.5	Pass
				30	3.8	11.436	0.0138	-2.5 to 2.5	Pass
				40	3.8	5.321	0.0064	-2.5 to 2.5	Pass

				50	3.8	10.390	0.0126	-2.5 to 2.5	Pass
	836.5	25	0	20	3.23	-10.817	-0.0129	-2.5 to 2.5	Pass
					3.8	-5.761	-0.0069	-2.5 to 2.5	Pass
					4.37	-5.614	-0.0067	-2.5 to 2.5	Pass
				-30	3.8	-0.495	-0.0006	-2.5 to 2.5	Pass
				-20	3.8	-0.494	-0.0006	-2.5 to 2.5	Pass
				-10	3.8	-4.404	-0.0053	-2.5 to 2.5	Pass
				0	3.8	10.471	0.0125	-2.5 to 2.5	Pass
				10	3.8	10.359	0.0124	-2.5 to 2.5	Pass
				30	3.8	3.918	0.0047	-2.5 to 2.5	Pass
				40	3.8	16.679	0.0199	-2.5 to 2.5	Pass
				50	3.8	17.521	0.0209	-2.5 to 2.5	Pass
	846.5	25	0	20	3.23	3.502	0.0041	-2.5 to 2.5	Pass
					3.8	10.683	0.0126	-2.5 to 2.5	Pass
					4.37	21.279	0.0251	-2.5 to 2.5	Pass
				-30	3.8	-6.188	-0.0073	-2.5 to 2.5	Pass
				-20	3.8	3.866	0.0046	-2.5 to 2.5	Pass
				-10	3.8	4.293	0.0051	-2.5 to 2.5	Pass
				0	3.8	6.727	0.0079	-2.5 to 2.5	Pass
				10	3.8	5.019	0.0059	-2.5 to 2.5	Pass
				30	3.8	8.568	0.0101	-2.5 to 2.5	Pass
				40	3.8	9.695	0.0115	-2.5 to 2.5	Pass
				50	3.8	12.185	0.0144	-2.5 to 2.5	Pass

7.4 B5_10MHz

7.4.1 Test Result

Band: 5 / 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	3.23	-5.853	-0.0071	-2.5 to 2.5	Pass
					3.8	-16.587	-0.0200	-2.5 to 2.5	Pass
					4.37	-11.499	-0.0139	-2.5 to 2.5	Pass
				-30	3.8	-3.430	-0.0041	-2.5 to 2.5	Pass
				-20	3.8	-3.799	-0.0046	-2.5 to 2.5	Pass
				-10	3.8	-18.686	-0.0225	-2.5 to 2.5	Pass
				0	3.8	-10.684	-0.0129	-2.5 to 2.5	Pass
				10	3.8	-1.161	-0.0014	-2.5 to 2.5	Pass
				30	3.8	-2.522	-0.0030	-2.5 to 2.5	Pass
				40	3.8	-4.727	-0.0057	-2.5 to 2.5	Pass
				50	3.8	10.071	0.0121	-2.5 to 2.5	Pass
	836.5	50	0	20	3.23	8.422	0.0101	-2.5 to 2.5	Pass
					3.8	-6.292	-0.0075	-2.5 to 2.5	Pass
					4.37	4.505	0.0054	-2.5 to 2.5	Pass
				-30	3.8	-7.597	-0.0091	-2.5 to 2.5	Pass
				-20	3.8	-12.083	-0.0144	-2.5 to 2.5	Pass
				-10	3.8	-2.496	-0.0030	-2.5 to 2.5	Pass
				0	3.8	-13.147	-0.0157	-2.5 to 2.5	Pass
				10	3.8	-14.901	-0.0178	-2.5 to 2.5	Pass
				30	3.8	-0.507	-0.0006	-2.5 to 2.5	Pass
				40	3.8	-7.846	-0.0094	-2.5 to 2.5	Pass
				50	3.8	-1.298	-0.0016	-2.5 to 2.5	Pass
	844	50	0	20	3.23	9.277	0.0110	-2.5 to 2.5	Pass
					3.8	-4.186	-0.0050	-2.5 to 2.5	Pass
					4.37	-4.302	-0.0051	-2.5 to 2.5	Pass
				-30	3.8	-15.659	-0.0186	-2.5 to 2.5	Pass
				-20	3.8	2.938	0.0035	-2.5 to 2.5	Pass

				-10	3.8	-16.618	-0.0197	-2.5 to 2.5	Pass
				0	3.8	0.343	0.0004	-2.5 to 2.5	Pass
				10	3.8	-14.398	-0.0171	-2.5 to 2.5	Pass
				30	3.8	6.383	0.0076	-2.5 to 2.5	Pass
				40	3.8	-0.919	-0.0011	-2.5 to 2.5	Pass
				50	3.8	-4.441	-0.0053	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.23	10.716	0.0129	-2.5 to 2.5	Pass
					3.8	-8.973	-0.0108	-2.5 to 2.5	Pass
					4.37	-3.209	-0.0039	-2.5 to 2.5	Pass
				-30	3.8	-10.625	-0.0128	-2.5 to 2.5	Pass
				-20	3.8	-7.417	-0.0089	-2.5 to 2.5	Pass
				-10	3.8	-7.230	-0.0087	-2.5 to 2.5	Pass
				0	3.8	-5.924	-0.0071	-2.5 to 2.5	Pass
				10	3.8	-19.379	-0.0234	-2.5 to 2.5	Pass
				30	3.8	1.654	0.0020	-2.5 to 2.5	Pass
				40	3.8	-5.240	-0.0063	-2.5 to 2.5	Pass
				50	3.8	-2.138	-0.0026	-2.5 to 2.5	Pass
	836.5	27	0	20	3.23	10.079	0.0120	-2.5 to 2.5	Pass
					3.8	6.966	0.0083	-2.5 to 2.5	Pass
					4.37	-4.589	-0.0055	-2.5 to 2.5	Pass
				-30	3.8	-1.589	-0.0019	-2.5 to 2.5	Pass
				-20	3.8	1.781	0.0021	-2.5 to 2.5	Pass
				-10	3.8	-9.244	-0.0111	-2.5 to 2.5	Pass
				0	3.8	-16.004	-0.0191	-2.5 to 2.5	Pass
				10	3.8	-10.904	-0.0130	-2.5 to 2.5	Pass
				30	3.8	-13.236	-0.0158	-2.5 to 2.5	Pass
				40	3.8	2.000	0.0024	-2.5 to 2.5	Pass
				50	3.8	-3.499	-0.0042	-2.5 to 2.5	Pass
	844	27	23	20	3.23	2.693	0.0032	-2.5 to 2.5	Pass
					3.8	-6.727	-0.0080	-2.5 to 2.5	Pass
					4.37	4.071	0.0048	-2.5 to 2.5	Pass
				-30	3.8	-16.801	-0.0199	-2.5 to 2.5	Pass
				-20	3.8	2.443	0.0029	-2.5 to 2.5	Pass
				-10	3.8	-4.168	-0.0049	-2.5 to 2.5	Pass
				0	3.8	-0.349	-0.0004	-2.5 to 2.5	Pass
				10	3.8	-16.602	-0.0197	-2.5 to 2.5	Pass
				30	3.8	-5.096	-0.0060	-2.5 to 2.5	Pass
				40	3.8	-8.499	-0.0101	-2.5 to 2.5	Pass
				50	3.8	-16.114	-0.0191	-2.5 to 2.5	Pass

8. Frequency Stability

8.1 B66_1.4MHz

8.1.1 Test Result

Band: 66 / 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	3.23	-15.676	-0.0092	-2.5 to 2.5	Pass
					3.8	-18.279	-0.0107	-2.5 to 2.5	Pass
					4.37	-9.732	-0.0057	-2.5 to 2.5	Pass
				-30	3.8	-13.262	-0.0078	-2.5 to 2.5	Pass
				-20	3.8	-12.605	-0.0074	-2.5 to 2.5	Pass
				-10	3.8	-8.553	-0.0050	-2.5 to 2.5	Pass
				0	3.8	-8.161	-0.0048	-2.5 to 2.5	Pass

				10	3.8	-9.695	-0.0057	-2.5 to 2.5	Pass
				30	3.8	-6.458	-0.0038	-2.5 to 2.5	Pass
				40	3.8	-14.235	-0.0083	-2.5 to 2.5	Pass
				50	3.8	-3.269	-0.0019	-2.5 to 2.5	Pass
	1745	6	0	20	3.23	14.224	0.0082	-2.5 to 2.5	Pass
					3.8	7.501	0.0043	-2.5 to 2.5	Pass
					4.37	-13.947	-0.0080	-2.5 to 2.5	Pass
				-30	3.8	-2.506	-0.0014	-2.5 to 2.5	Pass
				-20	3.8	-8.424	-0.0048	-2.5 to 2.5	Pass
				-10	3.8	3.002	0.0017	-2.5 to 2.5	Pass
				0	3.8	1.119	0.0006	-2.5 to 2.5	Pass
				10	3.8	-5.018	-0.0029	-2.5 to 2.5	Pass
				30	3.8	9.463	0.0054	-2.5 to 2.5	Pass
				40	3.8	-10.476	-0.0060	-2.5 to 2.5	Pass
				50	3.8	2.532	0.0015	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.23	-2.309	-0.0013	-2.5 to 2.5	Pass
					3.8	7.656	0.0043	-2.5 to 2.5	Pass
					4.37	2.748	0.0015	-2.5 to 2.5	Pass
				-30	3.8	-2.763	-0.0016	-2.5 to 2.5	Pass
				-20	3.8	3.552	0.0020	-2.5 to 2.5	Pass
				-10	3.8	-6.870	-0.0039	-2.5 to 2.5	Pass
				0	3.8	1.268	0.0007	-2.5 to 2.5	Pass
				10	3.8	-2.644	-0.0015	-2.5 to 2.5	Pass
				30	3.8	-11.244	-0.0063	-2.5 to 2.5	Pass
				40	3.8	-6.096	-0.0034	-2.5 to 2.5	Pass
				50	3.8	-9.693	-0.0054	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.23	-8.636	-0.0050	-2.5 to 2.5	Pass
					3.8	9.764	0.0057	-2.5 to 2.5	Pass
					4.37	-8.152	-0.0048	-2.5 to 2.5	Pass
				-30	3.8	-5.688	-0.0033	-2.5 to 2.5	Pass
				-20	3.8	0.704	0.0004	-2.5 to 2.5	Pass
				-10	3.8	-10.563	-0.0062	-2.5 to 2.5	Pass
				0	3.8	0.676	0.0004	-2.5 to 2.5	Pass
				10	3.8	7.965	0.0047	-2.5 to 2.5	Pass
				30	3.8	-3.171	-0.0019	-2.5 to 2.5	Pass
				40	3.8	-0.588	-0.0003	-2.5 to 2.5	Pass
				50	3.8	-10.575	-0.0062	-2.5 to 2.5	Pass
	1745	6	0	20	3.23	-8.910	-0.0051	-2.5 to 2.5	Pass
					3.8	3.572	0.0020	-2.5 to 2.5	Pass
					4.37	5.912	0.0034	-2.5 to 2.5	Pass
				-30	3.8	-7.973	-0.0046	-2.5 to 2.5	Pass
				-20	3.8	-2.311	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	-0.425	-0.0002	-2.5 to 2.5	Pass
				0	3.8	-9.117	-0.0052	-2.5 to 2.5	Pass
				10	3.8	0.584	0.0003	-2.5 to 2.5	Pass
				30	3.8	-3.809	-0.0022	-2.5 to 2.5	Pass
				40	3.8	5.572	0.0032	-2.5 to 2.5	Pass
				50	3.8	-5.864	-0.0034	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.23	-0.248	-0.0001	-2.5 to 2.5	Pass
					3.8	5.968	0.0034	-2.5 to 2.5	Pass
					4.37	-6.733	-0.0038	-2.5 to 2.5	Pass
				-30	3.8	2.700	0.0015	-2.5 to 2.5	Pass
				-20	3.8	3.042	0.0017	-2.5 to 2.5	Pass
				-10	3.8	-1.222	-0.0007	-2.5 to 2.5	Pass
				0	3.8	9.390	0.0053	-2.5 to 2.5	Pass
				10	3.8	-11.788	-0.0066	-2.5 to 2.5	Pass
				30	3.8	-7.999	-0.0045	-2.5 to 2.5	Pass
				40	3.8	-10.703	-0.0060	-2.5 to 2.5	Pass
				50	3.8	8.442	0.0047	-2.5 to 2.5	Pass

8.2 B66_3MHz

8.2.1 Test Result

Band: 66 / 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	3.23	-1.608	-0.0009	-2.5 to 2.5	Pass
					3.8	-11.241	-0.0066	-2.5 to 2.5	Pass
					4.37	-7.025	-0.0041	-2.5 to 2.5	Pass
				-30	3.8	-12.052	-0.0070	-2.5 to 2.5	Pass
				-20	3.8	-8.062	-0.0047	-2.5 to 2.5	Pass
				-10	3.8	-1.033	-0.0006	-2.5 to 2.5	Pass
				0	3.8	-5.898	-0.0034	-2.5 to 2.5	Pass
				10	3.8	-12.244	-0.0072	-2.5 to 2.5	Pass
				30	3.8	12.178	0.0071	-2.5 to 2.5	Pass
				40	3.8	-7.421	-0.0043	-2.5 to 2.5	Pass
				50	3.8	-10.616	-0.0062	-2.5 to 2.5	Pass
	1745	15	0	20	3.23	-13.089	-0.0075	-2.5 to 2.5	Pass
					3.8	5.404	0.0031	-2.5 to 2.5	Pass
					4.37	2.139	0.0012	-2.5 to 2.5	Pass
				-30	3.8	-4.288	-0.0025	-2.5 to 2.5	Pass
				-20	3.8	-8.807	-0.0050	-2.5 to 2.5	Pass
				-10	3.8	0.196	0.0001	-2.5 to 2.5	Pass
				0	3.8	-0.259	-0.0001	-2.5 to 2.5	Pass
				10	3.8	4.468	0.0026	-2.5 to 2.5	Pass
				30	3.8	-7.283	-0.0042	-2.5 to 2.5	Pass
				40	3.8	-2.984	-0.0017	-2.5 to 2.5	Pass
				50	3.8	-7.907	-0.0045	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.23	6.799	0.0038	-2.5 to 2.5	Pass
					3.8	-9.350	-0.0053	-2.5 to 2.5	Pass
					4.37	-4.645	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	3.744	0.0021	-2.5 to 2.5	Pass
				-20	3.8	9.006	0.0051	-2.5 to 2.5	Pass
				-10	3.8	4.785	0.0027	-2.5 to 2.5	Pass
				0	3.8	7.036	0.0040	-2.5 to 2.5	Pass
				10	3.8	-7.011	-0.0039	-2.5 to 2.5	Pass
				30	3.8	-5.586	-0.0031	-2.5 to 2.5	Pass
				40	3.8	1.307	0.0007	-2.5 to 2.5	Pass
				50	3.8	-2.630	-0.0015	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.23	10.796	0.0063	-2.5 to 2.5	Pass
					3.8	0.445	0.0003	-2.5 to 2.5	Pass
					4.37	-9.498	-0.0055	-2.5 to 2.5	Pass
				-30	3.8	10.441	0.0061	-2.5 to 2.5	Pass
				-20	3.8	3.535	0.0021	-2.5 to 2.5	Pass
				-10	3.8	-0.465	-0.0003	-2.5 to 2.5	Pass
				0	3.8	-6.700	-0.0039	-2.5 to 2.5	Pass
				10	3.8	-3.170	-0.0019	-2.5 to 2.5	Pass
				30	3.8	0.564	0.0003	-2.5 to 2.5	Pass
				40	3.8	-6.529	-0.0038	-2.5 to 2.5	Pass
				50	3.8	-11.436	-0.0067	-2.5 to 2.5	Pass
	1745	15	0	20	3.23	-4.270	-0.0024	-2.5 to 2.5	Pass
					3.8	0.937	0.0005	-2.5 to 2.5	Pass
					4.37	-10.322	-0.0059	-2.5 to 2.5	Pass
				-30	3.8	10.274	0.0059	-2.5 to 2.5	Pass
				-20	3.8	5.016	0.0029	-2.5 to 2.5	Pass
				-10	3.8	-11.714	-0.0067	-2.5 to 2.5	Pass

				0	3.8	8.359	0.0048	-2.5 to 2.5	Pass
				10	3.8	-5.632	-0.0032	-2.5 to 2.5	Pass
				30	3.8	-3.386	-0.0019	-2.5 to 2.5	Pass
				40	3.8	-3.531	-0.0020	-2.5 to 2.5	Pass
				50	3.8	5.804	0.0033	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.23	-2.067	-0.0012	-2.5 to 2.5	Pass
					3.8	4.433	0.0025	-2.5 to 2.5	Pass
					4.37	7.008	0.0039	-2.5 to 2.5	Pass
				-30	3.8	2.269	0.0013	-2.5 to 2.5	Pass
				-20	3.8	2.738	0.0015	-2.5 to 2.5	Pass
				-10	3.8	-8.702	-0.0049	-2.5 to 2.5	Pass
				0	3.8	-5.935	-0.0033	-2.5 to 2.5	Pass
				10	3.8	-12.258	-0.0069	-2.5 to 2.5	Pass
				30	3.8	6.683	0.0038	-2.5 to 2.5	Pass
				40	3.8	-8.923	-0.0050	-2.5 to 2.5	Pass
				50	3.8	3.570	0.0020	-2.5 to 2.5	Pass

8.3 B66_5MHz

8.3.1 Test Result

Band: 66 / 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	3.23	-7.457	-0.0044	-2.5 to 2.5	Pass
					3.8	-7.888	-0.0046	-2.5 to 2.5	Pass
					4.37	-9.442	-0.0055	-2.5 to 2.5	Pass
				-30	3.8	-3.257	-0.0019	-2.5 to 2.5	Pass
				-20	3.8	-3.388	-0.0020	-2.5 to 2.5	Pass
				-10	3.8	-4.493	-0.0026	-2.5 to 2.5	Pass
				0	3.8	-16.000	-0.0093	-2.5 to 2.5	Pass
				10	3.8	-2.978	-0.0017	-2.5 to 2.5	Pass
				30	3.8	5.617	0.0033	-2.5 to 2.5	Pass
				40	3.8	-9.660	-0.0056	-2.5 to 2.5	Pass
				50	3.8	-2.896	-0.0017	-2.5 to 2.5	Pass
	1745	25	0	20	3.23	2.291	0.0013	-2.5 to 2.5	Pass
					3.8	4.458	0.0026	-2.5 to 2.5	Pass
					4.37	-0.962	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-8.037	-0.0046	-2.5 to 2.5	Pass
				-20	3.8	6.572	0.0038	-2.5 to 2.5	Pass
				-10	3.8	-6.885	-0.0039	-2.5 to 2.5	Pass
				0	3.8	-10.652	-0.0061	-2.5 to 2.5	Pass
				10	3.8	-0.430	-0.0002	-2.5 to 2.5	Pass
				30	3.8	2.854	0.0016	-2.5 to 2.5	Pass
				40	3.8	-5.769	-0.0033	-2.5 to 2.5	Pass
				50	3.8	-9.191	-0.0053	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.23	-4.528	-0.0025	-2.5 to 2.5	Pass
					3.8	1.996	0.0011	-2.5 to 2.5	Pass
					4.37	-6.965	-0.0039	-2.5 to 2.5	Pass
				-30	3.8	-5.028	-0.0028	-2.5 to 2.5	Pass
				-20	3.8	-3.801	-0.0021	-2.5 to 2.5	Pass
				-10	3.8	7.700	0.0043	-2.5 to 2.5	Pass
				0	3.8	13.508	0.0076	-2.5 to 2.5	Pass
				10	3.8	-2.356	-0.0013	-2.5 to 2.5	Pass
				30	3.8	0.708	0.0004	-2.5 to 2.5	Pass
				40	3.8	14.013	0.0079	-2.5 to 2.5	Pass
				50	3.8	8.374	0.0047	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.23	2.247	0.0013	-2.5 to 2.5	Pass

					3.8	-5.816	-0.0034	-2.5 to 2.5	Pass
					4.37	2.119	0.0012	-2.5 to 2.5	Pass
				-30	3.8	-13.951	-0.0081	-2.5 to 2.5	Pass
				-20	3.8	2.875	0.0017	-2.5 to 2.5	Pass
				-10	3.8	7.168	0.0042	-2.5 to 2.5	Pass
				0	3.8	4.598	0.0027	-2.5 to 2.5	Pass
				10	3.8	0.568	0.0003	-2.5 to 2.5	Pass
				30	3.8	6.499	0.0038	-2.5 to 2.5	Pass
				40	3.8	-0.121	-0.0001	-2.5 to 2.5	Pass
				50	3.8	-3.845	-0.0022	-2.5 to 2.5	Pass
	1745	25	0		3.23	0.642	0.0004	-2.5 to 2.5	Pass
				20	3.8	8.808	0.0050	-2.5 to 2.5	Pass
					4.37	7.036	0.0040	-2.5 to 2.5	Pass
				-30	3.8	1.692	0.0010	-2.5 to 2.5	Pass
				-20	3.8	9.804	0.0056	-2.5 to 2.5	Pass
				-10	3.8	-8.229	-0.0047	-2.5 to 2.5	Pass
				0	3.8	-3.826	-0.0022	-2.5 to 2.5	Pass
				10	3.8	-10.088	-0.0058	-2.5 to 2.5	Pass
				30	3.8	6.491	0.0037	-2.5 to 2.5	Pass
				40	3.8	-12.625	-0.0072	-2.5 to 2.5	Pass
				50	3.8	-10.568	-0.0061	-2.5 to 2.5	Pass
	1777.5	25	0		3.23	-6.119	-0.0034	-2.5 to 2.5	Pass
				20	3.8	-15.223	-0.0086	-2.5 to 2.5	Pass
					4.37	13.737	0.0077	-2.5 to 2.5	Pass
				-30	3.8	3.720	0.0021	-2.5 to 2.5	Pass
				-20	3.8	3.557	0.0020	-2.5 to 2.5	Pass
				-10	3.8	-7.920	-0.0045	-2.5 to 2.5	Pass
				0	3.8	4.100	0.0023	-2.5 to 2.5	Pass
				10	3.8	-8.435	-0.0047	-2.5 to 2.5	Pass
				30	3.8	12.636	0.0071	-2.5 to 2.5	Pass
				40	3.8	6.373	0.0036	-2.5 to 2.5	Pass
				50	3.8	10.979	0.0062	-2.5 to 2.5	Pass

8.4 B66_10MHz

8.4.1 Test Result

Band: 66 / 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		3.23	-21.262	-0.0124	-2.5 to 2.5	Pass
				20	3.8	-17.315	-0.0101	-2.5 to 2.5	Pass
					4.37	-0.651	-0.0004	-2.5 to 2.5	Pass
				-30	3.8	-1.405	-0.0008	-2.5 to 2.5	Pass
				-20	3.8	-10.311	-0.0060	-2.5 to 2.5	Pass
				-10	3.8	-9.476	-0.0055	-2.5 to 2.5	Pass
				0	3.8	-0.784	-0.0005	-2.5 to 2.5	Pass
				10	3.8	-1.491	-0.0009	-2.5 to 2.5	Pass
				30	3.8	3.431	0.0020	-2.5 to 2.5	Pass
				40	3.8	-7.293	-0.0043	-2.5 to 2.5	Pass
				50	3.8	6.215	0.0036	-2.5 to 2.5	Pass
	1745	50	0		3.23	3.366	0.0019	-2.5 to 2.5	Pass
				20	3.8	4.587	0.0026	-2.5 to 2.5	Pass
					4.37	3.051	0.0017	-2.5 to 2.5	Pass
				-30	3.8	-11.575	-0.0066	-2.5 to 2.5	Pass
				-20	3.8	4.435	0.0025	-2.5 to 2.5	Pass
				-10	3.8	-0.926	-0.0005	-2.5 to 2.5	Pass
				0	3.8	-9.812	-0.0056	-2.5 to 2.5	Pass

				10	3.8	-12.122	-0.0069	-2.5 to 2.5	Pass
				30	3.8	-0.295	-0.0002	-2.5 to 2.5	Pass
				40	3.8	4.554	0.0026	-2.5 to 2.5	Pass
				50	3.8	-5.179	-0.0030	-2.5 to 2.5	Pass
	1775	50	0	20	3.23	3.430	0.0019	-2.5 to 2.5	Pass
					3.8	9.372	0.0053	-2.5 to 2.5	Pass
					4.37	5.716	0.0032	-2.5 to 2.5	Pass
				-30	3.8	-3.429	-0.0019	-2.5 to 2.5	Pass
				-20	3.8	13.768	0.0078	-2.5 to 2.5	Pass
				-10	3.8	4.830	0.0027	-2.5 to 2.5	Pass
				0	3.8	-7.774	-0.0044	-2.5 to 2.5	Pass
				10	3.8	-6.601	-0.0037	-2.5 to 2.5	Pass
				30	3.8	-11.484	-0.0065	-2.5 to 2.5	Pass
				40	3.8	8.524	0.0048	-2.5 to 2.5	Pass
				50	3.8	-6.181	-0.0035	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.23	-13.062	-0.0076	-2.5 to 2.5	Pass
					3.8	-15.930	-0.0093	-2.5 to 2.5	Pass
					4.37	-14.553	-0.0085	-2.5 to 2.5	Pass
				-30	3.8	8.920	0.0052	-2.5 to 2.5	Pass
				-20	3.8	-7.984	-0.0047	-2.5 to 2.5	Pass
				-10	3.8	-12.961	-0.0076	-2.5 to 2.5	Pass
				0	3.8	-13.264	-0.0077	-2.5 to 2.5	Pass
				10	3.8	-13.218	-0.0077	-2.5 to 2.5	Pass
				30	3.8	-6.027	-0.0035	-2.5 to 2.5	Pass
				40	3.8	-9.119	-0.0053	-2.5 to 2.5	Pass
				50	3.8	-1.741	-0.0010	-2.5 to 2.5	Pass
	1745	27	0	20	3.23	17.509	0.0100	-2.5 to 2.5	Pass
					3.8	5.916	0.0034	-2.5 to 2.5	Pass
					4.37	-10.635	-0.0061	-2.5 to 2.5	Pass
				-30	3.8	-6.504	-0.0037	-2.5 to 2.5	Pass
				-20	3.8	-5.347	-0.0031	-2.5 to 2.5	Pass
				-10	3.8	7.499	0.0043	-2.5 to 2.5	Pass
				0	3.8	-11.517	-0.0066	-2.5 to 2.5	Pass
				10	3.8	-6.302	-0.0036	-2.5 to 2.5	Pass
				30	3.8	-1.147	-0.0007	-2.5 to 2.5	Pass
				40	3.8	-4.777	-0.0027	-2.5 to 2.5	Pass
				50	3.8	-11.187	-0.0064	-2.5 to 2.5	Pass
	1775	27	23	20	3.23	-8.090	-0.0046	-2.5 to 2.5	Pass
					3.8	-5.612	-0.0032	-2.5 to 2.5	Pass
					4.37	-8.870	-0.0050	-2.5 to 2.5	Pass
				-30	3.8	-7.815	-0.0044	-2.5 to 2.5	Pass
				-20	3.8	-12.529	-0.0071	-2.5 to 2.5	Pass
				-10	3.8	-0.622	-0.0004	-2.5 to 2.5	Pass
				0	3.8	0.599	0.0003	-2.5 to 2.5	Pass
				10	3.8	3.296	0.0019	-2.5 to 2.5	Pass
				30	3.8	8.640	0.0049	-2.5 to 2.5	Pass
				40	3.8	4.063	0.0023	-2.5 to 2.5	Pass
				50	3.8	-7.237	-0.0041	-2.5 to 2.5	Pass

8.5 B66_15MHz

8.5.1 Test Result

Band: 66 / 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	3.23	-20.486	-0.0119	-2.5 to 2.5	Pass
					3.8	-10.639	-0.0062	-2.5 to 2.5	Pass

					4.37	-13.064	-0.0076	-2.5 to 2.5	Pass
				-30	3.8	-5.362	-0.0031	-2.5 to 2.5	Pass
				-20	3.8	-10.438	-0.0061	-2.5 to 2.5	Pass
				-10	3.8	-11.609	-0.0068	-2.5 to 2.5	Pass
				0	3.8	-11.692	-0.0068	-2.5 to 2.5	Pass
				10	3.8	-11.398	-0.0066	-2.5 to 2.5	Pass
				30	3.8	-6.531	-0.0038	-2.5 to 2.5	Pass
				40	3.8	-1.134	-0.0007	-2.5 to 2.5	Pass
				50	3.8	-9.815	-0.0057	-2.5 to 2.5	Pass
	1745	75	0	20	3.23	-19.011	-0.0109	-2.5 to 2.5	Pass
					3.8	-19.886	-0.0114	-2.5 to 2.5	Pass
					4.37	-13.916	-0.0080	-2.5 to 2.5	Pass
				-30	3.8	-0.175	-0.0001	-2.5 to 2.5	Pass
				-20	3.8	-6.430	-0.0037	-2.5 to 2.5	Pass
				-10	3.8	-15.328	-0.0088	-2.5 to 2.5	Pass
				0	3.8	-15.019	-0.0086	-2.5 to 2.5	Pass
				10	3.8	-9.891	-0.0057	-2.5 to 2.5	Pass
				30	3.8	-9.450	-0.0054	-2.5 to 2.5	Pass
				40	3.8	-1.114	-0.0006	-2.5 to 2.5	Pass
				50	3.8	4.795	0.0027	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.23	-13.966	-0.0079	-2.5 to 2.5	Pass
					3.8	-17.298	-0.0098	-2.5 to 2.5	Pass
					4.37	-10.780	-0.0061	-2.5 to 2.5	Pass
				-30	3.8	-1.731	-0.0010	-2.5 to 2.5	Pass
				-20	3.8	-3.531	-0.0020	-2.5 to 2.5	Pass
				-10	3.8	-13.450	-0.0076	-2.5 to 2.5	Pass
				0	3.8	-13.045	-0.0074	-2.5 to 2.5	Pass
				10	3.8	3.121	0.0018	-2.5 to 2.5	Pass
				30	3.8	-11.264	-0.0064	-2.5 to 2.5	Pass
				40	3.8	-8.774	-0.0050	-2.5 to 2.5	Pass
				50	3.8	-8.958	-0.0051	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.23	-9.485	-0.0055	-2.5 to 2.5	Pass
					3.8	-0.587	-0.0003	-2.5 to 2.5	Pass
					4.37	-1.982	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	-10.189	-0.0059	-2.5 to 2.5	Pass
				-20	3.8	-2.469	-0.0014	-2.5 to 2.5	Pass
				-10	3.8	-4.981	-0.0029	-2.5 to 2.5	Pass
				0	3.8	-6.985	-0.0041	-2.5 to 2.5	Pass
				10	3.8	-6.676	-0.0039	-2.5 to 2.5	Pass
				30	3.8	-10.630	-0.0062	-2.5 to 2.5	Pass
				40	3.8	-4.772	-0.0028	-2.5 to 2.5	Pass
				50	3.8	-9.490	-0.0055	-2.5 to 2.5	Pass
	1745	27	0	20	3.23	5.094	0.0029	-2.5 to 2.5	Pass
					3.8	-2.082	-0.0012	-2.5 to 2.5	Pass
					4.37	-3.498	-0.0020	-2.5 to 2.5	Pass
				-30	3.8	7.622	0.0044	-2.5 to 2.5	Pass
				-20	3.8	1.848	0.0011	-2.5 to 2.5	Pass
				-10	3.8	5.284	0.0030	-2.5 to 2.5	Pass
				0	3.8	-13.563	-0.0078	-2.5 to 2.5	Pass
				10	3.8	-14.166	-0.0081	-2.5 to 2.5	Pass
				30	3.8	-6.889	-0.0039	-2.5 to 2.5	Pass
				40	3.8	-0.408	-0.0002	-2.5 to 2.5	Pass
				50	3.8	-7.152	-0.0041	-2.5 to 2.5	Pass
	1772.5	27	48	20	3.23	1.600	0.0009	-2.5 to 2.5	Pass
					3.8	-10.965	-0.0062	-2.5 to 2.5	Pass
					4.37	-7.223	-0.0041	-2.5 to 2.5	Pass
				-30	3.8	-1.669	-0.0009	-2.5 to 2.5	Pass
				-20	3.8	3.222	0.0018	-2.5 to 2.5	Pass
				-10	3.8	-10.096	-0.0057	-2.5 to 2.5	Pass

				0	3.8	-4.133	-0.0023	-2.5 to 2.5	Pass
				10	3.8	-4.993	-0.0028	-2.5 to 2.5	Pass
				30	3.8	-11.861	-0.0067	-2.5 to 2.5	Pass
				40	3.8	1.322	0.0007	-2.5 to 2.5	Pass
				50	3.8	-15.964	-0.0090	-2.5 to 2.5	Pass

8.6 B66_20MHz

8.6.1 Test Result

Band: 66 / 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	3.23	-14.655	-0.0085	-2.5 to 2.5	Pass
					3.8	-13.063	-0.0076	-2.5 to 2.5	Pass
					4.37	-11.835	-0.0069	-2.5 to 2.5	Pass
				-30	3.8	-10.332	-0.0060	-2.5 to 2.5	Pass
				-20	3.8	-6.325	-0.0037	-2.5 to 2.5	Pass
				-10	3.8	-2.374	-0.0014	-2.5 to 2.5	Pass
				0	3.8	-16.048	-0.0093	-2.5 to 2.5	Pass
				10	3.8	-11.340	-0.0066	-2.5 to 2.5	Pass
				30	3.8	-7.483	-0.0044	-2.5 to 2.5	Pass
				40	3.8	-12.669	-0.0074	-2.5 to 2.5	Pass
				50	3.8	10.300	0.0060	-2.5 to 2.5	Pass
	1745	100	0	20	3.23	-21.259	-0.0122	-2.5 to 2.5	Pass
					3.8	-17.460	-0.0100	-2.5 to 2.5	Pass
					4.37	-7.407	-0.0042	-2.5 to 2.5	Pass
				-30	3.8	-8.061	-0.0046	-2.5 to 2.5	Pass
				-20	3.8	-9.710	-0.0056	-2.5 to 2.5	Pass
				-10	3.8	-7.695	-0.0044	-2.5 to 2.5	Pass
				0	3.8	-5.635	-0.0032	-2.5 to 2.5	Pass
				10	3.8	-4.602	-0.0026	-2.5 to 2.5	Pass
				30	3.8	-8.370	-0.0048	-2.5 to 2.5	Pass
				40	3.8	-12.124	-0.0069	-2.5 to 2.5	Pass
				50	3.8	-8.441	-0.0048	-2.5 to 2.5	Pass
	1770	100	0	20	3.23	-17.153	-0.0097	-2.5 to 2.5	Pass
					3.8	-11.600	-0.0066	-2.5 to 2.5	Pass
					4.37	-14.053	-0.0079	-2.5 to 2.5	Pass
				-30	3.8	-14.382	-0.0081	-2.5 to 2.5	Pass
				-20	3.8	-20.516	-0.0116	-2.5 to 2.5	Pass
				-10	3.8	-14.571	-0.0082	-2.5 to 2.5	Pass
				0	3.8	-5.116	-0.0029	-2.5 to 2.5	Pass
				10	3.8	-2.436	-0.0014	-2.5 to 2.5	Pass
				30	3.8	-10.784	-0.0061	-2.5 to 2.5	Pass
				40	3.8	-12.381	-0.0070	-2.5 to 2.5	Pass
				50	3.8	-2.214	-0.0013	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.23	-11.015	-0.0064	-2.5 to 2.5	Pass
					3.8	1.194	0.0007	-2.5 to 2.5	Pass
					4.37	-14.459	-0.0084	-2.5 to 2.5	Pass
				-30	3.8	-7.773	-0.0045	-2.5 to 2.5	Pass
				-20	3.8	3.776	0.0022	-2.5 to 2.5	Pass
				-10	3.8	-14.041	-0.0082	-2.5 to 2.5	Pass
				0	3.8	-3.030	-0.0018	-2.5 to 2.5	Pass
				10	3.8	-11.463	-0.0067	-2.5 to 2.5	Pass
				30	3.8	-8.669	-0.0050	-2.5 to 2.5	Pass
				40	3.8	-8.528	-0.0050	-2.5 to 2.5	Pass
				50	3.8	-2.183	-0.0013	-2.5 to 2.5	Pass
	1745	27	0	20	3.23	8.332	0.0048	-2.5 to 2.5	Pass

					3.8	-2.740	-0.0016	-2.5 to 2.5	Pass
					4.37	-4.964	-0.0028	-2.5 to 2.5	Pass
				-30	3.8	-8.433	-0.0048	-2.5 to 2.5	Pass
				-20	3.8	-13.094	-0.0075	-2.5 to 2.5	Pass
				-10	3.8	0.899	0.0005	-2.5 to 2.5	Pass
				0	3.8	-5.530	-0.0032	-2.5 to 2.5	Pass
				10	3.8	5.885	0.0034	-2.5 to 2.5	Pass
				30	3.8	-0.694	-0.0004	-2.5 to 2.5	Pass
				40	3.8	-2.068	-0.0012	-2.5 to 2.5	Pass
				50	3.8	8.541	0.0049	-2.5 to 2.5	Pass
	1770	27	73	20	3.23	-15.067	-0.0085	-2.5 to 2.5	Pass
					3.8	13.340	0.0075	-2.5 to 2.5	Pass
					4.37	-4.276	-0.0024	-2.5 to 2.5	Pass
				-30	3.8	-3.578	-0.0020	-2.5 to 2.5	Pass
				-20	3.8	-9.915	-0.0056	-2.5 to 2.5	Pass
				-10	3.8	0.287	0.0002	-2.5 to 2.5	Pass
				0	3.8	-5.392	-0.0030	-2.5 to 2.5	Pass
				10	3.8	-10.888	-0.0062	-2.5 to 2.5	Pass
				30	3.8	6.924	0.0039	-2.5 to 2.5	Pass
				40	3.8	-13.698	-0.0077	-2.5 to 2.5	Pass
				50	3.8	-13.144	-0.0074	-2.5 to 2.5	Pass

9. Frequency Stability

9.1 B7_5MHz

9.1.1 Test Result

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.23	-11.744	-0.0047	-2.5 to 2.5	Pass
					3.8	-6.388	-0.0026	-2.5 to 2.5	Pass
					4.37	-6.276	-0.0025	-2.5 to 2.5	Pass
				-30	3.8	3.246	0.0013	-2.5 to 2.5	Pass
				-20	3.8	-4.556	-0.0018	-2.5 to 2.5	Pass
				-10	3.8	-11.170	-0.0045	-2.5 to 2.5	Pass
				0	3.8	-3.396	-0.0014	-2.5 to 2.5	Pass
				10	3.8	-20.570	-0.0082	-2.5 to 2.5	Pass
				30	3.8	-5.210	-0.0021	-2.5 to 2.5	Pass
				40	3.8	-10.780	-0.0043	-2.5 to 2.5	Pass
				50	3.8	6.087	0.0024	-2.5 to 2.5	Pass
	2535	25	0	20	3.23	-3.799	-0.0015	-2.5 to 2.5	Pass
					3.8	-11.536	-0.0046	-2.5 to 2.5	Pass
					4.37	-6.905	-0.0027	-2.5 to 2.5	Pass
				-30	3.8	14.379	0.0057	-2.5 to 2.5	Pass
				-20	3.8	-2.982	-0.0012	-2.5 to 2.5	Pass
				-10	3.8	-4.110	-0.0016	-2.5 to 2.5	Pass
				0	3.8	-7.426	-0.0029	-2.5 to 2.5	Pass
				10	3.8	6.584	0.0026	-2.5 to 2.5	Pass
				30	3.8	-16.122	-0.0064	-2.5 to 2.5	Pass
				40	3.8	12.907	0.0051	-2.5 to 2.5	Pass
				50	3.8	1.167	0.0005	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.23	-3.261	-0.0013	-2.5 to 2.5	Pass
					3.8	-0.746	-0.0003	-2.5 to 2.5	Pass
					4.37	-2.263	-0.0009	-2.5 to 2.5	Pass

				-30	3.8	-12.581	-0.0049	-2.5 to 2.5	Pass
				-20	3.8	13.196	0.0051	-2.5 to 2.5	Pass
				-10	3.8	-24.609	-0.0096	-2.5 to 2.5	Pass
				0	3.8	-6.761	-0.0026	-2.5 to 2.5	Pass
				10	3.8	6.003	0.0023	-2.5 to 2.5	Pass
				30	3.8	-7.060	-0.0027	-2.5 to 2.5	Pass
				40	3.8	-13.850	-0.0054	-2.5 to 2.5	Pass
				50	3.8	12.975	0.0051	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.23	17.510	0.0070	-2.5 to 2.5	Pass
					3.8	-9.045	-0.0036	-2.5 to 2.5	Pass
					4.37	6.278	0.0025	-2.5 to 2.5	Pass
				-30	3.8	6.013	0.0024	-2.5 to 2.5	Pass
				-20	3.8	-1.122	-0.0004	-2.5 to 2.5	Pass
				-10	3.8	1.087	0.0004	-2.5 to 2.5	Pass
				0	3.8	6.212	0.0025	-2.5 to 2.5	Pass
				10	3.8	4.415	0.0018	-2.5 to 2.5	Pass
				30	3.8	-0.838	-0.0003	-2.5 to 2.5	Pass
				40	3.8	1.711	0.0007	-2.5 to 2.5	Pass
				50	3.8	-13.887	-0.0055	-2.5 to 2.5	Pass
	2535	25	0	20	3.23	-7.180	-0.0028	-2.5 to 2.5	Pass
					3.8	0.592	0.0002	-2.5 to 2.5	Pass
					4.37	-1.738	-0.0007	-2.5 to 2.5	Pass
				-30	3.8	5.985	0.0024	-2.5 to 2.5	Pass
				-20	3.8	-11.805	-0.0047	-2.5 to 2.5	Pass
				-10	3.8	-3.151	-0.0012	-2.5 to 2.5	Pass
				0	3.8	10.961	0.0043	-2.5 to 2.5	Pass
				10	3.8	17.980	0.0071	-2.5 to 2.5	Pass
				30	3.8	18.761	0.0074	-2.5 to 2.5	Pass
				40	3.8	-14.239	-0.0056	-2.5 to 2.5	Pass
				50	3.8	1.771	0.0007	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.23	-4.937	-0.0019	-2.5 to 2.5	Pass
					3.8	9.573	0.0037	-2.5 to 2.5	Pass
					4.37	-5.931	-0.0023	-2.5 to 2.5	Pass
				-30	3.8	7.382	0.0029	-2.5 to 2.5	Pass
				-20	3.8	-6.457	-0.0025	-2.5 to 2.5	Pass
				-10	3.8	-2.279	-0.0009	-2.5 to 2.5	Pass
				0	3.8	-14.322	-0.0056	-2.5 to 2.5	Pass
				10	3.8	3.737	0.0015	-2.5 to 2.5	Pass
				30	3.8	-0.010	0.0000	-2.5 to 2.5	Pass
				40	3.8	-4.083	-0.0016	-2.5 to 2.5	Pass
				50	3.8	-8.751	-0.0034	-2.5 to 2.5	Pass

9.2 B7_10MHz

9.2.1 Test Result

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	3.23	-8.103	-0.0032	-2.5 to 2.5	Pass
					3.8	5.360	0.0021	-2.5 to 2.5	Pass
					4.37	8.028	0.0032	-2.5 to 2.5	Pass
				-30	3.8	-2.510	-0.0010	-2.5 to 2.5	Pass
				-20	3.8	10.553	0.0042	-2.5 to 2.5	Pass
				-10	3.8	-3.342	-0.0013	-2.5 to 2.5	Pass
				0	3.8	1.056	0.0004	-2.5 to 2.5	Pass
				10	3.8	1.321	0.0005	-2.5 to 2.5	Pass
				30	3.8	2.105	0.0008	-2.5 to 2.5	Pass

				40	3.8	-0.486	-0.0002	-2.5 to 2.5	Pass
				50	3.8	2.780	0.0011	-2.5 to 2.5	Pass
					3.23	-5.776	-0.0023	-2.5 to 2.5	Pass
				20	3.8	-5.572	-0.0022	-2.5 to 2.5	Pass
					4.37	-10.649	-0.0042	-2.5 to 2.5	Pass
				-30	3.8	12.553	0.0050	-2.5 to 2.5	Pass
				-20	3.8	2.513	0.0010	-2.5 to 2.5	Pass
	2535	50	0	-10	3.8	0.806	0.0003	-2.5 to 2.5	Pass
				0	3.8	-2.985	-0.0012	-2.5 to 2.5	Pass
				10	3.8	-10.367	-0.0041	-2.5 to 2.5	Pass
				30	3.8	0.353	0.0001	-2.5 to 2.5	Pass
				40	3.8	-4.437	-0.0018	-2.5 to 2.5	Pass
				50	3.8	-6.670	-0.0026	-2.5 to 2.5	Pass
					3.23	2.455	0.0010	-2.5 to 2.5	Pass
				20	3.8	2.345	0.0009	-2.5 to 2.5	Pass
					4.37	-1.966	-0.0008	-2.5 to 2.5	Pass
				-30	3.8	9.909	0.0039	-2.5 to 2.5	Pass
				-20	3.8	12.048	0.0047	-2.5 to 2.5	Pass
	2565	50	0	-10	3.8	3.273	0.0013	-2.5 to 2.5	Pass
				0	3.8	-4.543	-0.0018	-2.5 to 2.5	Pass
				10	3.8	9.174	0.0036	-2.5 to 2.5	Pass
				30	3.8	2.926	0.0011	-2.5 to 2.5	Pass
				40	3.8	3.316	0.0013	-2.5 to 2.5	Pass
				50	3.8	0.022	0.0000	-2.5 to 2.5	Pass
					3.23	-10.992	-0.0044	-2.5 to 2.5	Pass
				20	3.8	-16.296	-0.0065	-2.5 to 2.5	Pass
					4.37	-6.043	-0.0024	-2.5 to 2.5	Pass
				-30	3.8	0.967	0.0004	-2.5 to 2.5	Pass
				-20	3.8	5.366	0.0021	-2.5 to 2.5	Pass
	2505	27	0	-10	3.8	-5.449	-0.0022	-2.5 to 2.5	Pass
				0	3.8	-3.870	-0.0015	-2.5 to 2.5	Pass
				10	3.8	-6.982	-0.0028	-2.5 to 2.5	Pass
				30	3.8	-6.281	-0.0025	-2.5 to 2.5	Pass
				40	3.8	-7.105	-0.0028	-2.5 to 2.5	Pass
				50	3.8	5.750	0.0023	-2.5 to 2.5	Pass
					3.23	-12.241	-0.0048	-2.5 to 2.5	Pass
				20	3.8	8.413	0.0033	-2.5 to 2.5	Pass
					4.37	8.801	0.0035	-2.5 to 2.5	Pass
				-30	3.8	-5.588	-0.0022	-2.5 to 2.5	Pass
				-20	3.8	0.886	0.0003	-2.5 to 2.5	Pass
16QAM	2535	27	0	-10	3.8	8.805	0.0035	-2.5 to 2.5	Pass
				0	3.8	2.334	0.0009	-2.5 to 2.5	Pass
				10	3.8	-15.736	-0.0062	-2.5 to 2.5	Pass
				30	3.8	-10.875	-0.0043	-2.5 to 2.5	Pass
				40	3.8	3.642	0.0014	-2.5 to 2.5	Pass
				50	3.8	-1.223	-0.0005	-2.5 to 2.5	Pass
					3.23	-5.284	-0.0021	-2.5 to 2.5	Pass
				20	3.8	4.647	0.0018	-2.5 to 2.5	Pass
					4.37	-9.746	-0.0038	-2.5 to 2.5	Pass
				-30	3.8	-7.528	-0.0029	-2.5 to 2.5	Pass
				-20	3.8	2.217	0.0009	-2.5 to 2.5	Pass
	2565	27	23	-10	3.8	0.059	0.0000	-2.5 to 2.5	Pass
				0	3.8	12.794	0.0050	-2.5 to 2.5	Pass
				10	3.8	14.510	0.0057	-2.5 to 2.5	Pass
				30	3.8	4.964	0.0019	-2.5 to 2.5	Pass
				40	3.8	2.100	0.0008	-2.5 to 2.5	Pass
				50	3.8	3.804	0.0015	-2.5 to 2.5	Pass

9.3 B7_15MHz

9.3.1 Test Result

Band: 7 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2507.5	75	0	20	3.23	-18.958	-0.0076	-2.5 to 2.5	Pass
					3.8	-18.180	-0.0073	-2.5 to 2.5	Pass
					4.37	-15.511	-0.0062	-2.5 to 2.5	Pass
				-30	3.8	-15.818	-0.0063	-2.5 to 2.5	Pass
				-20	3.8	-12.221	-0.0049	-2.5 to 2.5	Pass
				-10	3.8	-16.294	-0.0065	-2.5 to 2.5	Pass
				0	3.8	-8.220	-0.0033	-2.5 to 2.5	Pass
				10	3.8	-13.778	-0.0055	-2.5 to 2.5	Pass
				30	3.8	-0.352	-0.0001	-2.5 to 2.5	Pass
				40	3.8	-3.485	-0.0014	-2.5 to 2.5	Pass
				50	3.8	-19.152	-0.0076	-2.5 to 2.5	Pass
	2535	75	0	20	3.23	-20.428	-0.0081	-2.5 to 2.5	Pass
					3.8	-17.726	-0.0070	-2.5 to 2.5	Pass
					4.37	-8.706	-0.0034	-2.5 to 2.5	Pass
				-30	3.8	1.039	0.0004	-2.5 to 2.5	Pass
				-20	3.8	-1.396	-0.0006	-2.5 to 2.5	Pass
				-10	3.8	-1.959	-0.0008	-2.5 to 2.5	Pass
				0	3.8	-11.314	-0.0045	-2.5 to 2.5	Pass
				10	3.8	-9.197	-0.0036	-2.5 to 2.5	Pass
				30	3.8	-13.957	-0.0055	-2.5 to 2.5	Pass
				40	3.8	-13.932	-0.0055	-2.5 to 2.5	Pass
				50	3.8	-4.606	-0.0018	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.23	-18.192	-0.0071	-2.5 to 2.5	Pass
					3.8	-10.464	-0.0041	-2.5 to 2.5	Pass
					4.37	-12.968	-0.0051	-2.5 to 2.5	Pass
				-30	3.8	-7.736	-0.0030	-2.5 to 2.5	Pass
				-20	3.8	-5.946	-0.0023	-2.5 to 2.5	Pass
				-10	3.8	-2.866	-0.0011	-2.5 to 2.5	Pass
				0	3.8	-2.232	-0.0009	-2.5 to 2.5	Pass
				10	3.8	-3.111	-0.0012	-2.5 to 2.5	Pass
				30	3.8	-5.731	-0.0022	-2.5 to 2.5	Pass
				40	3.8	-13.914	-0.0054	-2.5 to 2.5	Pass
				50	3.8	0.423	0.0002	-2.5 to 2.5	Pass
16QAM	2507.5	27	0	20	3.23	-6.329	-0.0025	-2.5 to 2.5	Pass
					3.8	9.532	0.0038	-2.5 to 2.5	Pass
					4.37	-1.090	-0.0004	-2.5 to 2.5	Pass
				-30	3.8	6.662	0.0027	-2.5 to 2.5	Pass
				-20	3.8	6.331	0.0025	-2.5 to 2.5	Pass
				-10	3.8	-2.833	-0.0011	-2.5 to 2.5	Pass
				0	3.8	3.402	0.0014	-2.5 to 2.5	Pass
				10	3.8	-12.492	-0.0050	-2.5 to 2.5	Pass
				30	3.8	-18.517	-0.0074	-2.5 to 2.5	Pass
				40	3.8	-6.988	-0.0028	-2.5 to 2.5	Pass
				50	3.8	-14.101	-0.0056	-2.5 to 2.5	Pass
	2535	27	0	20	3.23	5.858	0.0023	-2.5 to 2.5	Pass
					3.8	-5.213	-0.0021	-2.5 to 2.5	Pass
					4.37	-10.476	-0.0041	-2.5 to 2.5	Pass
				-30	3.8	9.632	0.0038	-2.5 to 2.5	Pass
				-20	3.8	6.715	0.0026	-2.5 to 2.5	Pass
				-10	3.8	15.222	0.0060	-2.5 to 2.5	Pass
				0	3.8	1.738	0.0007	-2.5 to 2.5	Pass
				10	3.8	8.129	0.0032	-2.5 to 2.5	Pass

				30	3.8	-5.357	-0.0021	-2.5 to 2.5	Pass
				40	3.8	-8.209	-0.0032	-2.5 to 2.5	Pass
				50	3.8	2.918	0.0012	-2.5 to 2.5	Pass
	2562.5	27	48	20	3.23	-16.602	-0.0065	-2.5 to 2.5	Pass
					3.8	-3.016	-0.0012	-2.5 to 2.5	Pass
					4.37	-10.775	-0.0042	-2.5 to 2.5	Pass
				-30	3.8	2.784	0.0011	-2.5 to 2.5	Pass
				-20	3.8	-4.799	-0.0019	-2.5 to 2.5	Pass
				-10	3.8	-20.715	-0.0081	-2.5 to 2.5	Pass
				0	3.8	3.465	0.0014	-2.5 to 2.5	Pass
				10	3.8	4.841	0.0019	-2.5 to 2.5	Pass
				30	3.8	-19.698	-0.0077	-2.5 to 2.5	Pass
				40	3.8	2.476	0.0010	-2.5 to 2.5	Pass
				50	3.8	-6.724	-0.0026	-2.5 to 2.5	Pass

9.4 B7_20MHz

9.4.1 Test Result

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.23	-22.071	-0.0088	-2.5 to 2.5	Pass
					3.8	-18.840	-0.0075	-2.5 to 2.5	Pass
					4.37	-14.849	-0.0059	-2.5 to 2.5	Pass
				-30	3.8	-1.031	-0.0004	-2.5 to 2.5	Pass
				-20	3.8	-11.243	-0.0045	-2.5 to 2.5	Pass
				-10	3.8	-0.436	-0.0002	-2.5 to 2.5	Pass
				0	3.8	-10.020	-0.0040	-2.5 to 2.5	Pass
				10	3.8	6.701	0.0027	-2.5 to 2.5	Pass
				30	3.8	-5.645	-0.0022	-2.5 to 2.5	Pass
				40	3.8	-8.760	-0.0035	-2.5 to 2.5	Pass
				50	3.8	-7.524	-0.0030	-2.5 to 2.5	Pass
	2535	100	0	20	3.23	-25.091	-0.0099	-2.5 to 2.5	Pass
					3.8	-10.519	-0.0041	-2.5 to 2.5	Pass
					4.37	-2.093	-0.0008	-2.5 to 2.5	Pass
				-30	3.8	-8.364	-0.0033	-2.5 to 2.5	Pass
				-20	3.8	-17.035	-0.0067	-2.5 to 2.5	Pass
				-10	3.8	-2.061	-0.0008	-2.5 to 2.5	Pass
				0	3.8	-7.065	-0.0028	-2.5 to 2.5	Pass
				10	3.8	-13.133	-0.0052	-2.5 to 2.5	Pass
				30	3.8	-1.772	-0.0007	-2.5 to 2.5	Pass
				40	3.8	2.242	0.0009	-2.5 to 2.5	Pass
				50	3.8	-1.892	-0.0007	-2.5 to 2.5	Pass
	2560	100	0	20	3.23	-16.379	-0.0064	-2.5 to 2.5	Pass
					3.8	-19.024	-0.0074	-2.5 to 2.5	Pass
					4.37	-17.239	-0.0067	-2.5 to 2.5	Pass
				-30	3.8	-12.603	-0.0049	-2.5 to 2.5	Pass
				-20	3.8	-22.195	-0.0087	-2.5 to 2.5	Pass
				-10	3.8	0.522	0.0002	-2.5 to 2.5	Pass
				0	3.8	-5.043	-0.0020	-2.5 to 2.5	Pass
				10	3.8	-6.783	-0.0026	-2.5 to 2.5	Pass
				30	3.8	-6.943	-0.0027	-2.5 to 2.5	Pass
				40	3.8	-11.081	-0.0043	-2.5 to 2.5	Pass
				50	3.8	1.799	0.0007	-2.5 to 2.5	Pass
16QAM	2510	27	0	20	3.23	-2.216	-0.0009	-2.5 to 2.5	Pass
					3.8	-2.148	-0.0009	-2.5 to 2.5	Pass
					4.37	11.010	0.0044	-2.5 to 2.5	Pass

				-30	3.8	-3.244	-0.0013	-2.5 to 2.5	Pass
				-20	3.8	-8.955	-0.0036	-2.5 to 2.5	Pass
				-10	3.8	9.192	0.0037	-2.5 to 2.5	Pass
				0	3.8	-1.180	-0.0005	-2.5 to 2.5	Pass
				10	3.8	15.610	0.0062	-2.5 to 2.5	Pass
				30	3.8	-13.375	-0.0053	-2.5 to 2.5	Pass
				40	3.8	0.641	0.0003	-2.5 to 2.5	Pass
				50	3.8	-9.200	-0.0037	-2.5 to 2.5	Pass
	2535	27	0	20	3.23	1.471	0.0006	-2.5 to 2.5	Pass
					3.8	2.567	0.0010	-2.5 to 2.5	Pass
					4.37	5.335	0.0021	-2.5 to 2.5	Pass
				-30	3.8	-14.410	-0.0057	-2.5 to 2.5	Pass
				-20	3.8	5.132	0.0020	-2.5 to 2.5	Pass
				-10	3.8	13.323	0.0053	-2.5 to 2.5	Pass
				0	3.8	3.242	0.0013	-2.5 to 2.5	Pass
				10	3.8	-2.716	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-1.227	-0.0005	-2.5 to 2.5	Pass
				40	3.8	-8.402	-0.0033	-2.5 to 2.5	Pass
				50	3.8	-3.842	-0.0015	-2.5 to 2.5	Pass
	2560	27	73	20	3.23	7.157	0.0028	-2.5 to 2.5	Pass
					3.8	-7.695	-0.0030	-2.5 to 2.5	Pass
					4.37	-4.729	-0.0018	-2.5 to 2.5	Pass
				-30	3.8	-3.490	-0.0014	-2.5 to 2.5	Pass
				-20	3.8	6.902	0.0027	-2.5 to 2.5	Pass
				-10	3.8	-5.643	-0.0022	-2.5 to 2.5	Pass
				0	3.8	2.881	0.0011	-2.5 to 2.5	Pass
				10	3.8	3.221	0.0013	-2.5 to 2.5	Pass
				30	3.8	-7.299	-0.0029	-2.5 to 2.5	Pass
				40	3.8	-12.578	-0.0049	-2.5 to 2.5	Pass
				50	3.8	-8.202	-0.0032	-2.5 to 2.5	Pass