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	3.27	-5.322	-0.0029	-2.5 to 2.5	Pass
					3.85	-7.424	-0.0040	-2.5 to 2.5	Pass
					4.43	-6.437	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-5.779	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-8.612	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-5.951	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	2.975	0.0016	-2.5 to 2.5	Pass
					3.85	0.916	0.0005	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				-10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				10	3.85	2.775	0.0015	-2.5 to 2.5	Pass
				30	3.85	4.306	0.0023	-2.5 to 2.5	Pass
				40	3.85	3.834	0.0020	-2.5 to 2.5	Pass
				50	3.85	3.462	0.0018	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-2.732	-0.0014	-2.5 to 2.5	Pass
					3.85	-8.297	-0.0043	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-5.035	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-7.110	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-7.296	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-4.563	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-6.194	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-5.007	-0.0026	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-4.406	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-3.662	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.304	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.662	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-6.580	-0.0036	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-0.772	-0.0004	-2.5 to 2.5	Pass
					3.85	2.403	0.0013	-2.5 to 2.5	Pass

					4.43	1.431	0.0008	-2.5 to 2.5	Pass
				-30	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.545	0.0008	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-2.961	-0.0016	-2.5 to 2.5	Pass
					3.85	-8.154	-0.0043	-2.5 to 2.5	Pass
					4.43	-5.221	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-6.366	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-5.779	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-7.267	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass
				40	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0039	-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	3.27	-1.860	-0.0010	-2.5 to 2.5	Pass
					3.85	-7.997	-0.0043	-2.5 to 2.5	Pass
					4.43	-3.347	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-6.781	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-4.821	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-6.123	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-6.251	-0.0034	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	0.501	0.0003	-2.5 to 2.5	Pass
					3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
					4.43	-1.574	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-6.781	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	0.372	0.0002	-2.5 to 2.5	Pass
					3.85	-7.238	-0.0038	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-5.708	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0025	-2.5 to 2.5	Pass

				-10	3.85	-4.234	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-7.510	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-6.194	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-7.796	-0.0042	-2.5 to 2.5	Pass
					3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
					4.43	-5.236	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.117	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				30	3.85	-6.351	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-6.452	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-8.483	-0.0046	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-2.875	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.718	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				10	3.85	3.033	0.0016	-2.5 to 2.5	Pass
				30	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				40	3.85	3.834	0.0020	-2.5 to 2.5	Pass
				50	3.85	4.849	0.0026	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-5.050	-0.0026	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0019	-2.5 to 2.5	Pass
					4.43	-7.839	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-3.061	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-8.998	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-7.324	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-6.623	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-7.524	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.415	-0.0002	-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	3.27	-5.307	-0.0029	-2.5 to 2.5	Pass
					3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
					4.43	-4.606	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass

				30	3.85	-5.136	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-5.035	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	0.315	0.0002	-2.5 to 2.5	Pass
					3.85	3.076	0.0016	-2.5 to 2.5	Pass
					4.43	2.732	0.0015	-2.5 to 2.5	Pass
				-30	3.85	3.991	0.0021	-2.5 to 2.5	Pass
				-20	3.85	3.233	0.0017	-2.5 to 2.5	Pass
				-10	3.85	4.792	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				10	3.85	4.392	0.0023	-2.5 to 2.5	Pass
				30	3.85	2.046	0.0011	-2.5 to 2.5	Pass
				40	3.85	3.705	0.0020	-2.5 to 2.5	Pass
				50	3.85	3.419	0.0018	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	5.207	0.0027	-2.5 to 2.5	Pass
					3.85	-5.293	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.888	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-6.123	-0.0033	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
					4.43	-1.559	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	4.277	0.0023	-2.5 to 2.5	Pass
				-20	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.046	0.0011	-2.5 to 2.5	Pass
				0	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				10	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				30	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				40	3.85	5.407	0.0029	-2.5 to 2.5	Pass
				50	3.85	2.246	0.0012	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	2.403	0.0013	-2.5 to 2.5	Pass
					3.85	4.349	0.0023	-2.5 to 2.5	Pass
					4.43	5.450	0.0029	-2.5 to 2.5	Pass
				-30	3.85	4.807	0.0026	-2.5 to 2.5	Pass
				-20	3.85	5.550	0.0030	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0024	-2.5 to 2.5	Pass
				0	3.85	3.562	0.0019	-2.5 to 2.5	Pass
				10	3.85	4.392	0.0023	-2.5 to 2.5	Pass
				30	3.85	4.106	0.0022	-2.5 to 2.5	Pass
				40	3.85	5.193	0.0028	-2.5 to 2.5	Pass
				50	3.85	3.262	0.0017	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-6.895	-0.0036	-2.5 to 2.5	Pass
					3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-5.364	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-0.858	-0.0004	-2.5 to 2.5	Pass

				50	3.85	0.415	0.0002	-2.5 to 2.5	Pass

1.4 B2_10MHz

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-4.706	-0.0025	-2.5 to 2.5	Pass
					3.85	-4.034	-0.0022	-2.5 to 2.5	Pass
					4.43	0.687	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-3.905	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.907	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	3.748	0.0020	-2.5 to 2.5	Pass
					3.85	2.561	0.0014	-2.5 to 2.5	Pass
					4.43	3.719	0.0020	-2.5 to 2.5	Pass
				-30	3.85	4.077	0.0022	-2.5 to 2.5	Pass
				-20	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				-10	3.85	5.450	0.0029	-2.5 to 2.5	Pass
				0	3.85	5.293	0.0028	-2.5 to 2.5	Pass
				10	3.85	5.322	0.0028	-2.5 to 2.5	Pass
				30	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				40	3.85	3.791	0.0020	-2.5 to 2.5	Pass
				50	3.85	5.965	0.0032	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	2.489	0.0013	-2.5 to 2.5	Pass
					3.85	2.346	0.0012	-2.5 to 2.5	Pass
					4.43	-2.761	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-8.140	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-4.835	-0.0025	-2.5 to 2.5	Pass
				30	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-4.520	-0.0024	-2.5 to 2.5	Pass
16QAM	1855	27	0	20	3.27	-5.765	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.247	-0.0018	-2.5 to 2.5	Pass
					4.43	-0.587	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				30	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				40	3.85	3.691	0.0020	-2.5 to 2.5	Pass
				50	3.85	3.390	0.0018	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	4.120	0.0022	-2.5 to 2.5	Pass
					3.85	2.089	0.0011	-2.5 to 2.5	Pass

					4.43	3.047	0.0016	-2.5 to 2.5	Pass
				-30	3.85	5.078	0.0027	-2.5 to 2.5	Pass
				-20	3.85	4.692	0.0025	-2.5 to 2.5	Pass
				-10	3.85	4.978	0.0026	-2.5 to 2.5	Pass
				0	3.85	4.764	0.0025	-2.5 to 2.5	Pass
				10	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				30	3.85	3.905	0.0021	-2.5 to 2.5	Pass
				40	3.85	4.463	0.0024	-2.5 to 2.5	Pass
				50	3.85	3.276	0.0017	-2.5 to 2.5	Pass
	1905	27	23	20	3.27	-0.787	-0.0004	-2.5 to 2.5	Pass
					3.85	0.901	0.0005	-2.5 to 2.5	Pass
					4.43	0.114	0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.375	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				0	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				10	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				40	3.85	4.363	0.0023	-2.5 to 2.5	Pass
				50	3.85	3.119	0.0016	-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	3.27	-2.604	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0023	-2.5 to 2.5	Pass
					4.43	-3.591	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-6.194	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-4.206	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.435	-0.0024	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	1.044	0.0006	-2.5 to 2.5	Pass
					3.85	2.904	0.0015	-2.5 to 2.5	Pass
					4.43	4.935	0.0026	-2.5 to 2.5	Pass
				-30	3.85	4.807	0.0026	-2.5 to 2.5	Pass
				-20	3.85	4.148	0.0022	-2.5 to 2.5	Pass
				-10	3.85	4.978	0.0026	-2.5 to 2.5	Pass
				0	3.85	4.463	0.0024	-2.5 to 2.5	Pass
				10	3.85	4.535	0.0024	-2.5 to 2.5	Pass
				30	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				40	3.85	4.292	0.0023	-2.5 to 2.5	Pass
				50	3.85	4.592	0.0024	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	2.475	0.0013	-2.5 to 2.5	Pass
					4.43	2.818	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.575	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass

				-10	3.85	3.319	0.0017	-2.5 to 2.5	Pass
				0	3.85	3.819	0.0020	-2.5 to 2.5	Pass
				10	3.85	4.220	0.0022	-2.5 to 2.5	Pass
				30	3.85	5.822	0.0031	-2.5 to 2.5	Pass
				40	3.85	4.020	0.0021	-2.5 to 2.5	Pass
				50	3.85	5.264	0.0028	-2.5 to 2.5	Pass
16QAM	1857.5	27	0	20	3.27	-2.890	-0.0016	-2.5 to 2.5	Pass
					3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.476	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.307	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	3.119	0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.561	0.0014	-2.5 to 2.5	Pass
				0	3.85	3.304	0.0018	-2.5 to 2.5	Pass
				10	3.85	5.908	0.0032	-2.5 to 2.5	Pass
				30	3.85	4.163	0.0022	-2.5 to 2.5	Pass
				40	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				50	3.85	4.735	0.0025	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	3.762	0.0020	-2.5 to 2.5	Pass
					3.85	3.533	0.0019	-2.5 to 2.5	Pass
					4.43	4.749	0.0025	-2.5 to 2.5	Pass
				-30	3.85	4.077	0.0022	-2.5 to 2.5	Pass
				-20	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				-10	3.85	4.478	0.0024	-2.5 to 2.5	Pass
				0	3.85	4.163	0.0022	-2.5 to 2.5	Pass
				10	3.85	3.691	0.0020	-2.5 to 2.5	Pass
				30	3.85	3.290	0.0018	-2.5 to 2.5	Pass
				40	3.85	2.432	0.0013	-2.5 to 2.5	Pass
				50	3.85	5.894	0.0031	-2.5 to 2.5	Pass
	1902.5	27	48	20	3.27	4.377	0.0023	-2.5 to 2.5	Pass
					3.85	4.106	0.0022	-2.5 to 2.5	Pass
					4.43	2.661	0.0014	-2.5 to 2.5	Pass
				-30	3.85	4.563	0.0024	-2.5 to 2.5	Pass
				-20	3.85	4.821	0.0025	-2.5 to 2.5	Pass
				-10	3.85	3.905	0.0021	-2.5 to 2.5	Pass
				0	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				10	3.85	4.663	0.0025	-2.5 to 2.5	Pass
				30	3.85	3.691	0.0019	-2.5 to 2.5	Pass
				40	3.85	4.892	0.0026	-2.5 to 2.5	Pass
				50	3.85	5.264	0.0028	-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	3.27	5.550	0.0030	-2.5 to 2.5	Pass
					3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
					4.43	-8.569	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	2.275	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-6.838	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				0	3.85	-4.420	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass

				30	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				40	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	5.150	0.0027	-2.5 to 2.5	Pass
					3.85	4.892	0.0026	-2.5 to 2.5	Pass
					4.43	4.435	0.0024	-2.5 to 2.5	Pass
				-30	3.85	5.021	0.0027	-2.5 to 2.5	Pass
				-20	3.85	4.106	0.0022	-2.5 to 2.5	Pass
				-10	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				0	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				10	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				30	3.85	2.975	0.0016	-2.5 to 2.5	Pass
				40	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				50	3.85	2.947	0.0016	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	3.591	0.0019	-2.5 to 2.5	Pass
					3.85	1.845	0.0010	-2.5 to 2.5	Pass
					4.43	-4.077	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.877	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-5.193	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.263	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				40	3.85	1.044	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
16QAM	1860	27	0	20	3.27	2.346	0.0013	-2.5 to 2.5	Pass
					3.85	2.046	0.0011	-2.5 to 2.5	Pass
					4.43	2.861	0.0015	-2.5 to 2.5	Pass
				-30	3.85	4.463	0.0024	-2.5 to 2.5	Pass
				-20	3.85	2.775	0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				10	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				50	3.85	4.349	0.0023	-2.5 to 2.5	Pass
	1880	27	0	20	3.27	3.161	0.0017	-2.5 to 2.5	Pass
					3.85	4.478	0.0024	-2.5 to 2.5	Pass
					4.43	4.835	0.0026	-2.5 to 2.5	Pass
				-30	3.85	2.990	0.0016	-2.5 to 2.5	Pass
				-20	3.85	4.735	0.0025	-2.5 to 2.5	Pass
				-10	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				0	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				30	3.85	4.849	0.0026	-2.5 to 2.5	Pass
				40	3.85	3.347	0.0018	-2.5 to 2.5	Pass
				50	3.85	4.177	0.0022	-2.5 to 2.5	Pass
	1900	27	73	20	3.27	3.262	0.0017	-2.5 to 2.5	Pass
					3.85	1.860	0.0010	-2.5 to 2.5	Pass
					4.43	5.336	0.0028	-2.5 to 2.5	Pass
				-30	3.85	3.533	0.0019	-2.5 to 2.5	Pass
				-20	3.85	3.791	0.0020	-2.5 to 2.5	Pass
				-10	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0008	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0008	-2.5 to 2.5	Pass
				30	3.85	3.705	0.0020	-2.5 to 2.5	Pass
				40	3.85	3.505	0.0018	-2.5 to 2.5	Pass

				50	3.85	6.166	0.0032	-2.5 to 2.5	Pass

2. Frequency Stability

2.1 B4_1.4MHz

2.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	4.120	0.0024	-2.5 to 2.5	Pass
					3.85	0.300	0.0002	-2.5 to 2.5	Pass
					4.43	-1.316	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	0.958	0.0006	-2.5 to 2.5	Pass
					3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
					4.43	0.830	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.346	0.0014	-2.5 to 2.5	Pass
				0	3.85	3.676	0.0021	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.174	0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-1.087	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.762	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-6.309	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	-6.809	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-4.463	-0.0026	-2.5 to 2.5	Pass
					3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
					4.43	-2.203	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.116	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				10	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				30	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0005	-2.5 to 2.5	Pass

				50	3.85	2.117	0.0012	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	2.503	0.0014	-2.5 to 2.5	Pass
					3.85	3.862	0.0022	-2.5 to 2.5	Pass
					4.43	1.273	0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				-20	3.85	5.007	0.0029	-2.5 to 2.5	Pass
				-10	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				0	3.85	3.819	0.0022	-2.5 to 2.5	Pass
				10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				50	3.85	4.921	0.0028	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-3.219	-0.0018	-2.5 to 2.5	Pass
					3.85	0.429	0.0002	-2.5 to 2.5	Pass
					4.43	-0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass

2.2 B4_3MHz

2.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-2.704	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.907	-0.0029	-2.5 to 2.5	Pass
					4.43	0.243	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0014	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.672	0.0004	-2.5 to 2.5	Pass
					3.85	0.086	0.0000	-2.5 to 2.5	Pass
					4.43	0.758	0.0004	-2.5 to 2.5	Pass
				-30	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				-20	3.85	4.420	0.0026	-2.5 to 2.5	Pass
				-10	3.85	3.977	0.0023	-2.5 to 2.5	Pass
				0	3.85	4.749	0.0027	-2.5 to 2.5	Pass
				10	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				30	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				40	3.85	5.765	0.0033	-2.5 to 2.5	Pass
				50	3.85	1.073	0.0006	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	3.076	0.0018	-2.5 to 2.5	Pass
					3.85	-3.018	-0.0017	-2.5 to 2.5	Pass

					4.43	-3.290	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				50	3.85	1.888	0.0011	-2.5 to 2.5	Pass
16QAM	1711.5	15	0		3.27	-5.236	-0.0031	-2.5 to 2.5	Pass
				20	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.431	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	2.532	0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				30	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				40	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				50	3.85	3.963	0.0023	-2.5 to 2.5	Pass
	1732.5	15	0		3.27	3.648	0.0021	-2.5 to 2.5	Pass
				20	3.85	1.359	0.0008	-2.5 to 2.5	Pass
					4.43	3.848	0.0022	-2.5 to 2.5	Pass
				-30	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				-10	3.85	3.676	0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				10	3.85	3.548	0.0020	-2.5 to 2.5	Pass
				30	3.85	2.518	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				50	3.85	4.921	0.0028	-2.5 to 2.5	Pass
	1753.5	15	0		3.27	-1.044	-0.0006	-2.5 to 2.5	Pass
				20	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-7.038	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-4.778	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass

2.3 B4_5MHz

2.3.1 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		3.27	-4.849	-0.0028	-2.5 to 2.5	Pass
				20	3.85	-6.351	-0.0037	-2.5 to 2.5	Pass
					4.43	-4.563	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass

				-10	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-6.609	-0.0039	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.372	0.0002	-2.5 to 2.5	Pass
					3.85	2.804	0.0016	-2.5 to 2.5	Pass
					4.43	5.579	0.0032	-2.5 to 2.5	Pass
				-30	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				0	3.85	2.403	0.0014	-2.5 to 2.5	Pass
				10	3.85	4.191	0.0024	-2.5 to 2.5	Pass
				30	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				50	3.85	4.005	0.0023	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	2.060	0.0012	-2.5 to 2.5	Pass
					3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-6.094	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-3.147	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-4.206	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-3.719	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-7.281	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	4.692	0.0027	-2.5 to 2.5	Pass
					3.85	3.262	0.0019	-2.5 to 2.5	Pass
					4.43	1.616	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.775	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				0	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.476	0.0020	-2.5 to 2.5	Pass
				30	3.85	3.047	0.0018	-2.5 to 2.5	Pass
				40	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				50	3.85	5.965	0.0034	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-2.589	-0.0015	-2.5 to 2.5	Pass
					3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
					4.43	-3.777	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.150	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass

				10	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass

2.4 B4_10MHz

2.4.1 Test Result

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-2.317	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
					4.43	-3.419	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.519	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.719	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-6.852	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	1.230	0.0007	-2.5 to 2.5	Pass
					3.85	2.131	0.0012	-2.5 to 2.5	Pass
					4.43	5.107	0.0029	-2.5 to 2.5	Pass
				-30	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				-20	3.85	2.160	0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.262	0.0019	-2.5 to 2.5	Pass
				0	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				10	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				30	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				40	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				50	3.85	4.077	0.0024	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-2.003	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
					4.43	-0.672	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	-3.605	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
					4.43	-5.035	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				40	3.85	3.119	0.0018	-2.5 to 2.5	Pass

				50	3.85	0.758	0.0004	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	1.016	0.0006	-2.5 to 2.5	Pass
					3.85	2.117	0.0012	-2.5 to 2.5	Pass
					4.43	4.292	0.0025	-2.5 to 2.5	Pass
				-30	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				-20	3.85	2.275	0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				0	3.85	3.147	0.0018	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.85	3.405	0.0020	-2.5 to 2.5	Pass
				40	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				50	3.85	2.475	0.0014	-2.5 to 2.5	Pass
	1750	27	23	20	3.27	0.772	0.0004	-2.5 to 2.5	Pass
					3.85	4.320	0.0025	-2.5 to 2.5	Pass
					4.43	1.402	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				40	3.85	3.004	0.0017	-2.5 to 2.5	Pass
				50	3.85	0.615	0.0004	-2.5 to 2.5	Pass

2.5 B4_15MHz

2.5.1 Test Result

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-6.652	-0.0039	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
					4.43	-2.546	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.935	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-2.117	-0.0012	-2.5 to 2.5	Pass
					3.85	3.333	0.0019	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	2.947	0.0017	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				30	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				40	3.85	2.260	0.0013	-2.5 to 2.5	Pass
				50	3.85	3.991	0.0023	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	0.372	0.0002	-2.5 to 2.5	Pass
					3.85	-3.061	-0.0018	-2.5 to 2.5	Pass

					4.43	-4.878	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				0	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.27	-4.206	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	2.675	0.0015	-2.5 to 2.5	Pass
					3.85	3.319	0.0019	-2.5 to 2.5	Pass
					4.43	2.789	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.174	0.0013	-2.5 to 2.5	Pass
				30	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				40	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				50	3.85	3.362	0.0019	-2.5 to 2.5	Pass
	1747.5	27	48	20	3.27	-4.749	-0.0027	-2.5 to 2.5	Pass
					3.85	1.116	0.0006	-2.5 to 2.5	Pass
					4.43	0.215	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	4.964	0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass

2.6 B4_20MHz

2.6.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-5.293	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.676	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass

				-10	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.263	-0.0025	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-3.791	-0.0022	-2.5 to 2.5	Pass
					3.85	2.646	0.0015	-2.5 to 2.5	Pass
					4.43	0.987	0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.433	0.0020	-2.5 to 2.5	Pass
				-20	3.85	2.503	0.0014	-2.5 to 2.5	Pass
				-10	3.85	3.920	0.0023	-2.5 to 2.5	Pass
				0	3.85	2.503	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				30	3.85	3.376	0.0019	-2.5 to 2.5	Pass
				40	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				50	3.85	4.621	0.0027	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.300	-0.0002	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
					4.43	-5.779	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-4.578	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	-3.448	-0.0020	-2.5 to 2.5	Pass
					3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				30	3.85	3.519	0.0020	-2.5 to 2.5	Pass
				40	3.85	4.821	0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	-1.831	-0.0011	-2.5 to 2.5	Pass
					3.85	3.362	0.0019	-2.5 to 2.5	Pass
					4.43	4.406	0.0025	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				30	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
	1745	27	73	20	3.27	2.189	0.0013	-2.5 to 2.5	Pass
					3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
					4.43	3.948	0.0023	-2.5 to 2.5	Pass
				-30	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.904	0.0017	-2.5 to 2.5	Pass
				0	3.85	2.732	0.0016	-2.5 to 2.5	Pass

				10	3.85	2.518	0.0014	-2.5 to 2.5	Pass
				30	3.85	3.977	0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass

3. Frequency Stability

3.1 B5_1.4MHz

3.1.1 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	3.27	-2.418	-0.0029	-2.5 to 2.5	Pass
					3.85	-3.448	-0.0042	-2.5 to 2.5	Pass
					4.43	-3.304	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.033	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-2.375	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-8.283	-0.0099	-2.5 to 2.5	Pass
					3.85	-8.025	-0.0096	-2.5 to 2.5	Pass
					4.43	-6.981	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-8.469	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-8.054	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-7.725	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-7.768	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-7.467	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-7.710	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-7.696	-0.0092	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-6.595	-0.0078	-2.5 to 2.5	Pass
					3.85	-8.297	-0.0098	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-6.566	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-6.123	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-6.967	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-6.866	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-7.195	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-6.866	-0.0081	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-1.402	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.760	-0.0021	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.144	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass

				10	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-6.766	-0.0081	-2.5 to 2.5	Pass
					3.85	-7.567	-0.0090	-2.5 to 2.5	Pass
					4.43	-7.038	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-6.723	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-6.695	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-6.852	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-6.495	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-6.423	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-7.238	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-6.580	-0.0079	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-6.166	-0.0073	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0055	-2.5 to 2.5	Pass
					4.43	-4.778	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-5.279	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-5.851	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-4.363	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-5.350	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-5.007	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-4.635	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-5.579	-0.0066	-2.5 to 2.5	Pass

3.2 B5_3MHz

3.2.1 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	3.27	-3.262	-0.0040	-2.5 to 2.5	Pass
					3.85	-6.108	-0.0074	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-5.379	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-6.309	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-6.938	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-6.623	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-6.094	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-6.480	-0.0078	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-2.618	-0.0031	-2.5 to 2.5	Pass
					3.85	-5.064	-0.0061	-2.5 to 2.5	Pass
					4.43	-5.164	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-6.537	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-6.080	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-6.223	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-6.523	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-5.879	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-5.822	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0072	-2.5 to 2.5	Pass

				50	3.85	-5.851	-0.0070	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-2.918	-0.0034	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0070	-2.5 to 2.5	Pass
					4.43	-5.236	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-5.937	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-5.379	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-6.509	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-6.151	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-5.665	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-5.393	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-5.708	-0.0067	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-6.180	-0.0075	-2.5 to 2.5	Pass
					3.85	-6.537	-0.0079	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.947	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.549	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-2.861	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0059	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-5.593	-0.0067	-2.5 to 2.5	Pass
					3.85	-5.550	-0.0066	-2.5 to 2.5	Pass
					4.43	-4.005	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.631	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.961	-0.0035	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-6.166	-0.0073	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0047	-2.5 to 2.5	Pass
					4.43	-4.749	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-2.561	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.960	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.616	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-3.948	-0.0047	-2.5 to 2.5	Pass

3.3 B5_5MHz

3.3.1 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	3.27	-3.648	-0.0044	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0067	-2.5 to 2.5	Pass

					4.43	-3.748	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-5.550	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-3.877	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-5.336	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-3.891	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-6.280	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-5.808	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-4.807	-0.0058	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-1.817	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0036	-2.5 to 2.5	Pass
					4.43	-2.475	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-5.422	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-3.819	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-5.565	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-3.862	-0.0046	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-2.975	-0.0035	-2.5 to 2.5	Pass
					3.85	-3.877	-0.0046	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-3.304	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-5.550	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-5.736	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-3.977	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-4.992	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-5.593	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-5.350	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-6.609	-0.0078	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-6.194	-0.0075	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.448	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-4.678	-0.0056	-2.5 to 2.5	Pass
					3.85	-2.174	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.332	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-1.874	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-2.046	-0.0024	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-3.462	-0.0041	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.875	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass

				-20	3.85	-2.875	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.419	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-2.060	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-1.402	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.346	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-5.007	-0.0059	-2.5 to 2.5	Pass

3.4 B5_10MHz

3.4.1 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	3.27	-1.903	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.191	-0.0051	-2.5 to 2.5	Pass
					4.43	-6.123	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-6.237	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-4.864	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-5.765	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-2.861	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-2.475	-0.0030	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-2.518	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.390	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.362	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.275	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-3.877	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-3.104	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-4.320	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-3.462	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0050	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-2.046	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.519	-0.0042	-2.5 to 2.5	Pass
					4.43	-6.065	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-3.633	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-4.478	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-4.835	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-4.821	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-5.765	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-4.435	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-5.593	-0.0066	-2.5 to 2.5	Pass
16QAM	829	27	0	20	3.27	-3.562	-0.0043	-2.5 to 2.5	Pass
					3.85	-3.805	-0.0046	-2.5 to 2.5	Pass
					4.43	-1.888	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.204	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-4.978	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-2.804	-0.0034	-2.5 to 2.5	Pass

				10	3.85	-5.150	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-2.275	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.076	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-2.217	-0.0027	-2.5 to 2.5	Pass
	836.5	27	0	20	3.27	-1.817	-0.0022	-2.5 to 2.5	Pass
					3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.216	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.717	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.973	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.159	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
	844	27	23	20	3.27	-4.363	-0.0052	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0038	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-2.503	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-2.031	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.017	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-2.289	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.604	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-2.975	-0.0035	-2.5 to 2.5	Pass

4. Frequency Stability

4.1 B7_5MHz

4.1.1 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	3.27	-5.407	-0.0022	-2.5 to 2.5	Pass
					3.85	-4.735	-0.0019	-2.5 to 2.5	Pass
					4.43	-6.666	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.232	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-5.407	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.991	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-5.822	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.204	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.605	-0.0014	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	5.093	0.0020	-2.5 to 2.5	Pass
					3.85	-0.587	-0.0002	-2.5 to 2.5	Pass
					4.43	-3.963	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.005	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.550	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0014	-2.5 to 2.5	Pass

				10	3.85	-2.275	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.004	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-5.908	-0.0023	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-2.031	-0.0008	-2.5 to 2.5	Pass
					3.85	1.416	0.0006	-2.5 to 2.5	Pass
					4.43	1.402	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.529	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-4.706	-0.0018	-2.5 to 2.5	Pass
				0	3.85	2.618	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.545	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.858	-0.0003	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-2.561	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.705	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.501	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.815	0.0003	-2.5 to 2.5	Pass
				0	3.85	1.616	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.475	0.0010	-2.5 to 2.5	Pass
				30	3.85	3.376	0.0013	-2.5 to 2.5	Pass
				40	3.85	2.217	0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.930	-0.0004	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	1.988	0.0008	-2.5 to 2.5	Pass
					3.85	0.701	0.0003	-2.5 to 2.5	Pass
					4.43	0.916	0.0004	-2.5 to 2.5	Pass
				-30	3.85	5.307	0.0021	-2.5 to 2.5	Pass
				-20	3.85	1.888	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.475	0.0010	-2.5 to 2.5	Pass
				0	3.85	4.134	0.0016	-2.5 to 2.5	Pass
				10	3.85	7.181	0.0028	-2.5 to 2.5	Pass
				30	3.85	4.506	0.0018	-2.5 to 2.5	Pass
				40	3.85	4.921	0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	4.249	0.0017	-2.5 to 2.5	Pass
					3.85	-0.358	-0.0001	-2.5 to 2.5	Pass
					4.43	2.089	0.0008	-2.5 to 2.5	Pass
				-30	3.85	3.033	0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.873	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.376	0.0013	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0008	-2.5 to 2.5	Pass
				10	3.85	3.848	0.0015	-2.5 to 2.5	Pass
				30	3.85	0.801	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.515	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0002	-2.5 to 2.5	Pass

4.2 B7_10MHz

4.2.1 Test Result

Band: 7 / Bandwidth: 10MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	2505	50	0	20	3.27	1.988	0.0008	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-3.004	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.605	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.591	-0.0014	-2.5 to 2.5	Pass
				0	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				10	3.85	-3.633	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.533	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.233	-0.0013	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-0.143	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.602	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.818	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0001	-2.5 to 2.5	Pass
				0	3.85	3.791	0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.358	-0.0001	-2.5 to 2.5	Pass
				30	3.85	2.389	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.030	0.0004	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	2.060	0.0008	-2.5 to 2.5	Pass
					3.85	1.802	0.0007	-2.5 to 2.5	Pass
					4.43	-6.781	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	1.130	0.0004	-2.5 to 2.5	Pass
				0	3.85	6.566	0.0026	-2.5 to 2.5	Pass
				10	3.85	0.844	0.0003	-2.5 to 2.5	Pass
				30	3.85	3.490	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.103	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.704	0.0011	-2.5 to 2.5	Pass
16QAM	2505	27	0	20	3.27	-4.578	-0.0018	-2.5 to 2.5	Pass
					3.85	-0.916	-0.0004	-2.5 to 2.5	Pass
					4.43	-2.346	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.275	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.074	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.048	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.605	-0.0014	-2.5 to 2.5	Pass
				10	3.85	4.177	0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0016	-2.5 to 2.5	Pass
				40	3.85	5.822	0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
	2535	27	0	20	3.27	-5.808	-0.0023	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
					4.43	3.076	0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.945	0.0008	-2.5 to 2.5	Pass
				-20	3.85	2.718	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.559	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.672	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	6.194	0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.947	-0.0012	-2.5 to 2.5	Pass
				50	3.85	1.845	0.0007	-2.5 to 2.5	Pass
	2565	27	23	20	3.27	4.692	0.0018	-2.5 to 2.5	Pass

					3.85	0.215	0.0001	-2.5 to 2.5	Pass
					4.43	1.945	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.818	0.0011	-2.5 to 2.5	Pass
				-20	3.85	3.734	0.0015	-2.5 to 2.5	Pass
				-10	3.85	3.090	0.0012	-2.5 to 2.5	Pass
				0	3.85	3.462	0.0013	-2.5 to 2.5	Pass
				10	3.85	2.475	0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.732	0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.715	-0.0003	-2.5 to 2.5	Pass

4.3 B7_15MHz

4.3.1 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	3.27	-2.303	-0.0009	-2.5 to 2.5	Pass
					3.85	-5.708	-0.0023	-2.5 to 2.5	Pass
					4.43	-4.735	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-6.351	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-6.280	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-4.349	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.130	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-5.207	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-5.951	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-2.518	-0.0010	-2.5 to 2.5	Pass
					3.85	-4.148	-0.0016	-2.5 to 2.5	Pass
					4.43	-5.264	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.103	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.431	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-5.050	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.277	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-5.407	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.093	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0029	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	4.563	0.0018	-2.5 to 2.5	Pass
					3.85	2.389	0.0009	-2.5 to 2.5	Pass
					4.43	0.300	0.0001	-2.5 to 2.5	Pass
				-30	3.85	3.290	0.0013	-2.5 to 2.5	Pass
				-20	3.85	5.264	0.0021	-2.5 to 2.5	Pass
				-10	3.85	2.103	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.629	0.0002	-2.5 to 2.5	Pass
				10	3.85	2.890	0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.259	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.817	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.801	-0.0003	-2.5 to 2.5	Pass
16QAM	2507.5	27	0	20	3.27	-0.629	-0.0003	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0017	-2.5 to 2.5	Pass
					4.43	-4.835	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.830	-0.0003	-2.5 to 2.5	Pass

				-20	3.85	-2.604	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.232	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-5.336	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-0.815	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.529	-0.0002	-2.5 to 2.5	Pass
				40	3.85	4.334	0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0002	-2.5 to 2.5	Pass
	2535	27	0	20	3.27	-8.211	-0.0032	-2.5 to 2.5	Pass
					3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
					4.43	2.775	0.0011	-2.5 to 2.5	Pass
				-30	3.85	3.691	0.0015	-2.5 to 2.5	Pass
				-20	3.85	2.732	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.901	0.0004	-2.5 to 2.5	Pass
				0	3.85	2.060	0.0008	-2.5 to 2.5	Pass
				10	3.85	3.762	0.0015	-2.5 to 2.5	Pass
				30	3.85	2.589	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.287	0.0005	-2.5 to 2.5	Pass
				50	3.85	2.747	0.0011	-2.5 to 2.5	Pass
	2562.5	27	48	20	3.27	3.619	0.0014	-2.5 to 2.5	Pass
					3.85	0.615	0.0002	-2.5 to 2.5	Pass
					4.43	0.944	0.0004	-2.5 to 2.5	Pass
				-30	3.85	2.346	0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.089	0.0008	-2.5 to 2.5	Pass
				0	3.85	7.253	0.0028	-2.5 to 2.5	Pass
				10	3.85	1.845	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	4.678	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.546	0.0010	-2.5 to 2.5	Pass

4.4 B7_20MHz

4.4.1 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	3.27	-1.659	-0.0007	-2.5 to 2.5	Pass
					3.85	-6.309	-0.0025	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.419	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-6.151	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-4.721	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.964	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.535	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-7.482	-0.0030	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-1.187	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.443	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.974	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.887	0.0003	-2.5 to 2.5	Pass
				-10	3.85	2.003	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0003	-2.5 to 2.5	Pass

				10	3.85	3.705	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.874	0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				50	3.85	2.275	0.0009	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	2.117	0.0008	-2.5 to 2.5	Pass
					3.85	1.202	0.0005	-2.5 to 2.5	Pass
					4.43	-0.958	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	2.146	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.905	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-7.052	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-5.221	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.562	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-4.048	-0.0016	-2.5 to 2.5	Pass
16QAM	2510	27	0	20	3.27	-4.878	-0.0019	-2.5 to 2.5	Pass
					3.85	-6.866	-0.0027	-2.5 to 2.5	Pass
					4.43	-1.130	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-6.137	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-5.221	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-6.480	-0.0026	-2.5 to 2.5	Pass
				0	3.85	1.502	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0002	-2.5 to 2.5	Pass
				30	3.85	2.146	0.0009	-2.5 to 2.5	Pass
				40	3.85	-2.217	-0.0009	-2.5 to 2.5	Pass
				50	3.85	1.888	0.0008	-2.5 to 2.5	Pass
	2535	27	0	20	3.27	3.633	0.0014	-2.5 to 2.5	Pass
					3.85	2.575	0.0010	-2.5 to 2.5	Pass
					4.43	2.718	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.691	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.960	0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.190	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.245	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.717	0.0007	-2.5 to 2.5	Pass
				30	3.85	2.704	0.0011	-2.5 to 2.5	Pass
				40	3.85	2.875	0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0005	-2.5 to 2.5	Pass
	2560	27	73	20	3.27	-5.407	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0008	-2.5 to 2.5	Pass
					4.43	-4.478	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	2.575	0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.203	0.0009	-2.5 to 2.5	Pass
				-10	3.85	6.151	0.0024	-2.5 to 2.5	Pass
				0	3.85	5.393	0.0021	-2.5 to 2.5	Pass
				10	3.85	3.219	0.0013	-2.5 to 2.5	Pass
				30	3.85	2.174	0.0008	-2.5 to 2.5	Pass
				40	3.85	4.592	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.460	0.0010	-2.5 to 2.5	Pass