

1. Frequency Stability

1.1 B12_1.4MHz

1.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	3.27	-0.913	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.130	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.564	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.540	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.292	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.956	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-1.418	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.297	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-2.129	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.830	-0.0026	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-0.699	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.826	-0.0012	-2.5 to 2.5	Pass
					4.43	-0.833	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.514	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.022	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.574	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.710	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.723	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.709	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.014	-0.0014	-2.5 to 2.5	Pass
				50	3.85	0.221	0.0003	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-0.140	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.328	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.102	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.084	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.097	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.225	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.747	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.463	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.804	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.020	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0026	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	1.362	0.0019	-2.5 to 2.5	Pass
					3.85	1.052	0.0015	-2.5 to 2.5	Pass
					4.43	-1.194	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.473	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.439	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.184	0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.589	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.705	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.170	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.249	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-0.524	-0.0007	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-0.757	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.482	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.005	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.838	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	0.028	0.0000	-2.5 to 2.5	Pass

				-10	3.85	-1.583	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.895	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.967	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.828	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.435	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-1.828	-0.0026	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-0.755	-0.0011	-2.5 to 2.5	Pass
					3.85	0.847	0.0012	-2.5 to 2.5	Pass
					4.43	-0.094	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.073	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.006	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.892	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.664	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.673	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.232	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.084	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.013	0.0000	-2.5 to 2.5	Pass

1.2 B12_3MHz

1.2.1 Test Result

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	3.27	-1.335	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.537	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.195	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-0.496	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.681	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-1.080	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.174	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.240	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-1.841	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.835	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.075	-0.0015	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-2.179	-0.0031	-2.5 to 2.5	Pass
					3.85	-1.038	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.129	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.279	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.747	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-1.105	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.120	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.732	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.190	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-2.419	-0.0034	-2.5 to 2.5	Pass
				50	3.85	0.321	0.0005	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	0.571	0.0008	-2.5 to 2.5	Pass
					3.85	-1.301	-0.0018	-2.5 to 2.5	Pass
					4.43	0.863	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.387	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.550	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.313	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.909	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.108	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.070	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.980	-0.0014	-2.5 to 2.5	Pass

16QAM	700.5	15	0	50	3.85	-0.545	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-1.675	-0.0024	-2.5 to 2.5	Pass
					3.85	-0.983	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.568	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.546	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.251	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-0.763	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.612	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.853	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.864	-0.0027	-2.5 to 2.5	Pass
	707.5	15	0	40	3.85	-0.363	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.542	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-0.612	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.619	-0.0023	-2.5 to 2.5	Pass
					4.43	0.145	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.678	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-0.845	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.059	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-0.951	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.627	-0.0009	-2.5 to 2.5	Pass
	714.5	15	0	30	3.85	-1.466	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.294	-0.0018	-2.5 to 2.5	Pass
				50	3.85	0.109	0.0002	-2.5 to 2.5	Pass
				20	3.27	-0.234	-0.0003	-2.5 to 2.5	Pass
					3.85	0.738	0.0010	-2.5 to 2.5	Pass
					4.43	0.199	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.038	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.349	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.852	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.078	-0.0015	-2.5 to 2.5	Pass
				10	3.85	0.098	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.346	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.456	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.481	-0.0007	-2.5 to 2.5	Pass

1.3 B12_5MHz

1.3.1 Test Result

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	3.27	-0.803	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.201	-0.0017	-2.5 to 2.5	Pass
					4.43	0.471	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.526	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.716	-0.0024	-2.5 to 2.5	Pass
				0	3.85	0.459	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.165	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.747	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-0.803	-0.0011	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-0.158	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.743	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.456	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-0.299	-0.0004	-2.5 to 2.5	Pass

				-20	3.85	-0.109	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.722	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.591	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-0.494	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.931	-0.0013	-2.5 to 2.5	Pass
				40	3.85	0.211	0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.179	-0.0017	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-0.084	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.366	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.178	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.347	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.183	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.192	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.641	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.885	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				40	3.85	0.087	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.008	0.0000	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-0.654	-0.0009	-2.5 to 2.5	Pass
					3.85	0.332	0.0005	-2.5 to 2.5	Pass
					4.43	-1.226	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.441	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.028	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.638	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.397	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.621	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.906	-0.0027	-2.5 to 2.5	Pass
	707.5	25	0	50	3.85	-1.105	-0.0016	-2.5 to 2.5	Pass
				20	3.27	-1.267	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.748	-0.0025	-2.5 to 2.5	Pass
					4.43	-0.404	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.196	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.436	-0.0020	-2.5 to 2.5	Pass
				0	3.85	0.274	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.623	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.664	-0.0009	-2.5 to 2.5	Pass
	713.5	25	0	40	3.85	-1.163	-0.0016	-2.5 to 2.5	Pass
				50	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				20	3.27	0.558	0.0008	-2.5 to 2.5	Pass
					3.85	-0.714	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.682	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.208	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.382	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.134	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.017	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.650	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.155	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.026	0.0000	-2.5 to 2.5	Pass

1.4 B12_10MHz

1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.27	-0.312	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.062	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.517	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.457	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.622	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.346	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.217	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
				30	3.85	0.704	0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.489	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-0.135	-0.0002	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-0.729	-0.0010	-2.5 to 2.5	Pass
					3.85	0.110	0.0002	-2.5 to 2.5	Pass
					4.43	0.323	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.546	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-0.634	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.288	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.212	0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.020	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.249	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.097	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.218	-0.0003	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.443	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.321	-0.0033	-2.5 to 2.5	Pass
					4.43	-2.061	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.432	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.059	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.724	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.154	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.899	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.506	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.651	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.417	-0.0034	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	-0.523	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.411	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.755	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-1.131	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.193	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.092	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.087	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.674	0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.395	-0.0020	-2.5 to 2.5	Pass
				40	3.85	0.983	0.0014	-2.5 to 2.5	Pass
				50	3.85	0.281	0.0004	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	1.121	0.0016	-2.5 to 2.5	Pass
					3.85	0.224	0.0003	-2.5 to 2.5	Pass
					4.43	-0.239	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.655	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.405	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-0.004	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.862	0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.449	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.325	-0.0019	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.472	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.898	-0.0027	-2.5 to 2.5	Pass

					4.43	-1.401	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-1.941	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-0.623	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.150	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.242	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.818	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.542	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.620	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.104	-0.0016	-2.5 to 2.5	Pass

2. Frequency Stability

2.1 B13_5MHz

2.1.1 Test Result

Band: 13 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	779.5	25	0	20	3.27	-1.326	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.064	-0.0039	-2.5 to 2.5	Pass
					4.43	-3.343	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-1.884	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.094	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-1.855	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.467	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.573	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.827	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.014	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.719	-0.0022	-2.5 to 2.5	Pass
	782	25	0	20	3.27	0.792	0.0010	-2.5 to 2.5	Pass
					3.85	-1.148	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.346	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.196	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.691	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.537	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-0.154	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.166	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.676	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.991	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.863	-0.0011	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	0.549	0.0007	-2.5 to 2.5	Pass
					3.85	-0.369	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.157	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.692	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.534	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.529	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.503	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				30	3.85	1.133	0.0014	-2.5 to 2.5	Pass
				40	3.85	0.221	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.526	-0.0007	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-0.635	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.282	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.150	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.131	-0.0015	-2.5 to 2.5	Pass

				-20	3.85	0.757	0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.103	0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.705	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.222	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.496	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.294	-0.0017	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-0.725	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.290	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.897	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.243	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	0.008	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.668	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.192	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.281	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.665	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.412	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.494	-0.0032	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	0.311	0.0004	-2.5 to 2.5	Pass
					3.85	1.149	0.0015	-2.5 to 2.5	Pass
					4.43	0.742	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.824	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.058	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.145	0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.323	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.151	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.074	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.676	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.731	0.0009	-2.5 to 2.5	Pass

2.2 B13_10MHz

2.2.1 Test Result

Band: 13 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	782	50	0	20	3.27	-0.362	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.920	-0.0025	-2.5 to 2.5	Pass
					4.43	-1.814	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.412	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.378	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.255	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.823	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.099	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.223	-0.0016	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.85	-0.124	-0.0002	-2.5 to 2.5	Pass
					3.27	-0.562	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.864	-0.0024	-2.5 to 2.5	Pass
				-30	4.43	-0.065	-0.0001	-2.5 to 2.5	Pass
					3.85	0.127	0.0002	-2.5 to 2.5	Pass
					3.85	0.256	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.782	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.613	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.725	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.660	-0.0008	-2.5 to 2.5	Pass

				40	3.85	-0.376	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.470	-0.0006	-2.5 to 2.5	Pass

3. Frequency Stability

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-2.324	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.280	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.741	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.624	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.737	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.304	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.957	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.895	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.175	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-3.325	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.756	-0.0015	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-3.653	-0.0019	-2.5 to 2.5	Pass
					3.85	-2.491	-0.0013	-2.5 to 2.5	Pass
					4.43	-3.515	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.165	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-3.300	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.926	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.582	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-4.056	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.251	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-3.278	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.924	-0.0021	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-1.064	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	0.805	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.277	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.329	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.469	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.691	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.522	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.929	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.269	0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.456	-0.0008	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.053	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.655	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.496	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-3.125	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.803	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.112	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.695	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.262	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.696	-0.0015	-2.5 to 2.5	Pass

	1880	6	0	20	3.27	-3.019	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.788	-0.0025	-2.5 to 2.5	Pass
					4.43	-3.271	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.018	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.686	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.597	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.165	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.405	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.988	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.682	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.179	-0.0012	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-0.146	-0.0001	-2.5 to 2.5	Pass
					3.85	0.482	0.0003	-2.5 to 2.5	Pass
					4.43	0.228	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.551	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.121	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.043	0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.788	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.878	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.414	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.423	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.266	0.0001	-2.5 to 2.5	Pass

3.2 B2_3MHz

3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	-3.580	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.146	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.071	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.177	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.268	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.348	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.346	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.680	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.824	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.386	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-3.365	-0.0018	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-4.889	-0.0026	-2.5 to 2.5	Pass
					3.85	-4.644	-0.0025	-2.5 to 2.5	Pass
					4.43	-3.828	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.250	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.615	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.784	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.654	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.429	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.603	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-3.401	-0.0018	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	0.336	0.0002	-2.5 to 2.5	Pass
					3.85	0.711	0.0004	-2.5 to 2.5	Pass
					4.43	0.696	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.056	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.367	-0.0002	-2.5 to 2.5	Pass

16QAM	1851.5	15	0	-10	3.85	-1.784	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.735	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.281	-0.0012	-2.5 to 2.5	Pass
				30	3.85	0.333	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.078	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.218	-0.0012	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-4.064	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.872	-0.0010	-2.5 to 2.5	Pass
					4.43	-3.069	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.516	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.913	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.483	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.422	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.478	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.990	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				20	3.27	-4.523	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.686	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.260	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.660	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.079	-0.0006	-2.5 to 2.5	Pass
	1908.5	15	0	-10	3.85	-4.364	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.868	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.307	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.213	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.622	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.539	-0.0024	-2.5 to 2.5	Pass
				20	3.27	-1.093	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.222	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.042	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.246	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.359	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.645	0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.255	-0.0007	-2.5 to 2.5	Pass
				40	3.85	1.240	0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.476	-0.0008	-2.5 to 2.5	Pass

3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-0.790	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.978	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.497	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.140	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.058	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.051	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.918	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.258	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.290	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass

	1880	25	0	50	3.85	-2.845	-0.0015	-2.5 to 2.5	Pass
				20	3.27	-3.152	-0.0017	-2.5 to 2.5	Pass
					3.85	-4.060	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.926	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.317	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.732	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.899	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.034	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-4.378	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.283	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.907	-0.0021	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-0.892	-0.0005	-2.5 to 2.5	Pass
					3.85	1.159	0.0006	-2.5 to 2.5	Pass
					4.43	0.733	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.091	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.364	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.960	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.593	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.332	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.650	-0.0003	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-1.793	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.213	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.274	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.492	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.378	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.101	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-3.318	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.622	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.815	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.142	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.033	-0.0011	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-3.287	-0.0017	-2.5 to 2.5	Pass
					3.85	-2.559	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.708	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.409	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.875	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.893	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.402	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.683	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.995	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.223	-0.0017	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	0.168	0.0001	-2.5 to 2.5	Pass
					3.85	-0.569	-0.0003	-2.5 to 2.5	Pass
					4.43	0.206	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.232	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.607	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.905	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.192	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.402	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.160	0.0001	-2.5 to 2.5	Pass
				40	3.85	2.816	0.0015	-2.5 to 2.5	Pass
				50	3.85	0.034	0.0000	-2.5 to 2.5	Pass

3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-2.721	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.114	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.018	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.223	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.783	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.149	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.737	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-2.888	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.680	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.086	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.601	-0.0014	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-2.717	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.610	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.789	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.902	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.369	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.307	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-5.101	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.537	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-3.173	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.312	-0.0018	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-0.933	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.402	-0.0002	-2.5 to 2.5	Pass
					4.43	1.128	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.412	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.030	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.607	0.0003	-2.5 to 2.5	Pass
				0	3.85	2.350	0.0012	-2.5 to 2.5	Pass
				10	3.85	2.032	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.746	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.513	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.084	0.0011	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-2.939	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.239	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.205	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.964	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.420	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.214	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-3.458	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.803	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.444	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-3.563	-0.0019	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-3.467	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.929	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.855	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.444	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.841	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.276	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.934	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.373	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-4.426	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.962	-0.0021	-2.5 to 2.5	Pass

	1905	50	0	50	3.85	-3.980	-0.0021	-2.5 to 2.5	Pass
				20	3.27	0.512	0.0003	-2.5 to 2.5	Pass
					3.85	1.531	0.0008	-2.5 to 2.5	Pass
					4.43	0.406	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.872	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.355	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.079	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.661	0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.509	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.724	0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.103	-0.0001	-2.5 to 2.5	Pass

3.5 B2_15MHz

3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-2.147	-0.0012	-2.5 to 2.5	Pass
					3.85	-3.139	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.789	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.946	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.906	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-3.581	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.743	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.842	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-4.612	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.173	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.961	-0.0011	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-2.177	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.574	-0.0014	-2.5 to 2.5	Pass
					4.43	-4.445	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-3.659	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.461	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.877	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.674	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.163	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.557	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.788	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-4.237	-0.0023	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-3.868	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.878	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.440	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.997	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-1.943	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-4.986	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.438	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.132	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.620	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.582	-0.0019	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-2.997	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.403	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.921	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.644	-0.0014	-2.5 to 2.5	Pass

				-20	3.85	-2.686	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-4.066	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.725	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.543	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.487	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.286	-0.0012	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-3.393	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.799	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.451	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.208	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.356	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.581	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.203	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.928	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.915	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-4.046	-0.0022	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-3.587	-0.0019	-2.5 to 2.5	Pass
					3.85	-2.915	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.713	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-4.142	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-3.928	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.436	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-4.609	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.297	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.888	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.396	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-4.198	-0.0022	-2.5 to 2.5	Pass

3.6 B2_20MHz

3.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	0.626	0.0003	-2.5 to 2.5	Pass
					3.85	0.432	0.0002	-2.5 to 2.5	Pass
					4.43	1.819	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.283	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.650	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.069	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.342	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.127	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.749	0.0009	-2.5 to 2.5	Pass
				40	3.85	1.721	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.223	0.0001	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-1.685	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.342	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.825	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.180	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-2.872	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.465	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.973	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.186	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.107	-0.0017	-2.5 to 2.5	Pass

	1900	100	0	40	3.85	-2.948	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-4.883	-0.0026	-2.5 to 2.5	Pass
				20	3.27	-2.474	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.467	-0.0008	-2.5 to 2.5	Pass
					4.43	-4.415	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.904	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.895	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.957	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.982	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.626	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.497	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.201	-0.0006	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	1.402	0.0008	-2.5 to 2.5	Pass
					3.85	0.963	0.0005	-2.5 to 2.5	Pass
					4.43	2.267	0.0012	-2.5 to 2.5	Pass
				-30	3.85	2.277	0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.172	0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.880	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.130	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.655	0.0009	-2.5 to 2.5	Pass
				30	3.85	0.720	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.960	0.0011	-2.5 to 2.5	Pass
	1880	100	0	50	3.85	1.455	0.0008	-2.5 to 2.5	Pass
				20	3.27	-3.847	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.333	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.775	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.679	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.677	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.004	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.209	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.271	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.008	-0.0016	-2.5 to 2.5	Pass
	1900	100	0	40	3.85	-2.750	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-4.508	-0.0024	-2.5 to 2.5	Pass
				20	3.27	-2.598	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.877	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.018	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-3.208	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.752	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.545	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.439	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.795	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.337	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.179	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.096	-0.0016	-2.5 to 2.5	Pass

4. Frequency Stability

4.1 B25_1.4MHz

4.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	1850.7	6	0	20	3.27	-3.344	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.870	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.886	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.507	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.569	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.606	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.351	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.888	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.941	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.257	-0.0012	-2.5 to 2.5	Pass
	50	3.85	-2.863	-0.0015	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	2.454	0.0013	-2.5 to 2.5	Pass
					3.85	2.057	0.0011	-2.5 to 2.5	Pass
					4.43	-0.734	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	2.218	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.150	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.434	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.662	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.360	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.824	0.0010	-2.5 to 2.5	Pass
				40	3.85	2.383	0.0013	-2.5 to 2.5	Pass
	50	3.85	0.184	0.0001	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	-1.825	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.960	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.754	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.864	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-4.546	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.908	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.221	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.486	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.192	-0.0017	-2.5 to 2.5	Pass
40				3.85	-4.812	-0.0025	-2.5 to 2.5	Pass	
50	3.85	-4.175	-0.0022	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-2.947	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.069	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.348	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-3.447	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.365	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.127	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.352	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.743	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.913	-0.0005	-2.5 to 2.5	Pass
	50	3.85	-0.093	-0.0001	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	1.155	0.0006	-2.5 to 2.5	Pass
					3.85	2.486	0.0013	-2.5 to 2.5	Pass
					4.43	1.505	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.587	0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.193	0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.304	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.600	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.736	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.543	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.107	0.0001	-2.5 to 2.5	Pass
	50	3.85	2.047	0.0011	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	-1.651	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.971	-0.0016	-2.5 to 2.5	Pass
4.43					-2.561	-0.0013	-2.5 to 2.5	Pass	
-30				3.85	-3.952	-0.0021	-2.5 to 2.5	Pass	

				-20	3.85	-5.641	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-5.147	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-5.332	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.105	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.897	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.915	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-4.070	-0.0021	-2.5 to 2.5	Pass

4.2 B25_3MHz

4.2.1 Test Result

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	-2.670	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.308	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.406	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.629	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.778	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.517	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.941	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.271	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-2.955	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.864	-0.0015	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	1.604	0.0009	-2.5 to 2.5	Pass
					3.85	1.592	0.0008	-2.5 to 2.5	Pass
					4.43	0.719	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.457	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.290	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.961	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.891	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.195	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.053	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.070	0.0006	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-2.856	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.291	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.929	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.405	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.027	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.657	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.585	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-3.191	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.729	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.066	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.542	-0.0013	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-2.090	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.324	-0.0023	-2.5 to 2.5	Pass
					4.43	-3.509	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.653	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.260	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.968	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.255	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.043	-0.0016	-2.5 to 2.5	Pass

	1882.5	15	0	40	3.85	-3.060	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.611	-0.0009	-2.5 to 2.5	Pass
				20	3.27	-0.738	-0.0004	-2.5 to 2.5	Pass
					3.85	0.750	0.0004	-2.5 to 2.5	Pass
					4.43	0.836	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.327	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	2.745	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.936	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.733	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.898	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.652	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.907	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.560	0.0008	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-2.994	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.115	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.968	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.300	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.911	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-3.799	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.127	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.417	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.005	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.693	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.653	-0.0009	-2.5 to 2.5	Pass

4.3 B25_5MHz

4.3.1 Test Result

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-1.553	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.209	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.684	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.529	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.271	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.987	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.090	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.846	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.368	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.283	-0.0012	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	0.578	0.0003	-2.5 to 2.5	Pass
					3.85	-0.150	-0.0001	-2.5 to 2.5	Pass
					4.43	1.169	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.835	0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.146	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.344	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.084	0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.066	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.902	0.0005	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-2.050	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.902	-0.0010	-2.5 to 2.5	Pass
					4.43	-3.861	-0.0020	-2.5 to 2.5	Pass

				-30	3.85	-3.030	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.720	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-4.167	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.196	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.692	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.315	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.227	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.723	-0.0009	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-1.353	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.795	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.443	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.497	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.011	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.044	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.498	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.385	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.336	-0.0013	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	1.409	0.0007	-2.5 to 2.5	Pass
					3.85	1.821	0.0010	-2.5 to 2.5	Pass
					4.43	0.528	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.605	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.337	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.238	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.661	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.185	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.729	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.840	0.0010	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-3.497	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.873	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.435	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-4.474	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-2.032	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.365	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.324	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.572	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.206	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0012	-2.5 to 2.5	Pass

4.4 B25_10MHz

4.4.1 Test Result

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-2.684	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.284	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.686	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.964	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.951	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.170	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-4.430	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-3.860	-0.0021	-2.5 to 2.5	Pass

				30	3.85	-3.348	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.209	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.880	-0.0016	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	1.381	0.0007	-2.5 to 2.5	Pass
					3.85	-0.262	-0.0001	-2.5 to 2.5	Pass
					4.43	2.395	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.068	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.279	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.461	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.650	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.890	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.535	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.600	0.0003	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-1.946	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.693	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.703	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.696	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.383	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.987	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.068	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.022	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.890	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.958	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.675	-0.0004	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-3.131	-0.0017	-2.5 to 2.5	Pass
					3.85	-2.451	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.656	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.476	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.896	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.027	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-3.021	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.145	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.429	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.002	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.172	-0.0012	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	1.040	0.0006	-2.5 to 2.5	Pass
					3.85	-0.058	0.0000	-2.5 to 2.5	Pass
					4.43	0.635	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.441	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.512	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.102	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.320	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.221	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.714	0.0004	-2.5 to 2.5	Pass
				50	3.85	0.933	0.0005	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-2.067	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.826	-0.0004	-2.5 to 2.5	Pass
					4.43	-2.449	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.785	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.817	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.001	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.002	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.696	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.413	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.733	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.748	-0.0009	-2.5 to 2.5	Pass

4.5 B25_15MHz

4.5.1 Test Result

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-2.740	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.230	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.279	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.570	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.338	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-3.317	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.580	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.620	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-4.223	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.394	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-3.109	-0.0017	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	2.769	0.0015	-2.5 to 2.5	Pass
					3.85	0.824	0.0004	-2.5 to 2.5	Pass
					4.43	1.052	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.351	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.387	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.451	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.436	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.564	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.010	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.086	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.997	0.0011	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-0.834	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.704	-0.0009	-2.5 to 2.5	Pass
					4.43	0.483	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.405	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.394	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.267	0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.321	-0.0007	-2.5 to 2.5	Pass
				10	3.85	0.094	0.0000	-2.5 to 2.5	Pass
				30	3.85	-1.880	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.960	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.203	-0.0001	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-4.076	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.575	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-2.664	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.241	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-4.710	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-4.455	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.930	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.552	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.391	-0.0018	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-0.477	-0.0003	-2.5 to 2.5	Pass
					3.85	0.248	0.0001	-2.5 to 2.5	Pass
					4.43	1.675	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				-20	3.85	2.548	0.0014	-2.5 to 2.5	Pass
				-10	3.85	1.608	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.387	0.0007	-2.5 to 2.5	Pass

				10	3.85	2.031	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.223	0.0001	-2.5 to 2.5	Pass
				40	3.85	2.437	0.0013	-2.5 to 2.5	Pass
				50	3.85	0.477	0.0003	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-0.926	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.463	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.236	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.208	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.564	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.873	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.327	-0.0007	-2.5 to 2.5	Pass
				10	3.85	1.192	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.220	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.806	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.061	0.0000	-2.5 to 2.5	Pass

4.6 B25_20MHz

4.6.1 Test Result

Band: 25 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	0.043	0.0000	-2.5 to 2.5	Pass
					3.85	1.258	0.0007	-2.5 to 2.5	Pass
					4.43	1.988	0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.994	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.840	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.832	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.853	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.565	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.321	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.234	0.0007	-2.5 to 2.5	Pass
				50	3.85	2.383	0.0013	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	1.375	0.0007	-2.5 to 2.5	Pass
					3.85	1.260	0.0007	-2.5 to 2.5	Pass
					4.43	0.243	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.055	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.115	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.962	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.834	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.269	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.185	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.966	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	0.320	0.0002	-2.5 to 2.5	Pass
					3.85	2.152	0.0011	-2.5 to 2.5	Pass
					4.43	0.994	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.164	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.094	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.038	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.284	0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.882	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.777	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.562	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.173	0.0011	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-0.704	-0.0004	-2.5 to 2.5	Pass

					3.85	1.172	0.0006	-2.5 to 2.5	Pass
					4.43	0.883	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.302	0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.682	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.683	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.945	0.0005	-2.5 to 2.5	Pass
				10	3.85	2.837	0.0015	-2.5 to 2.5	Pass
				30	3.85	2.026	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.704	0.0009	-2.5 to 2.5	Pass
				50	3.85	3.112	0.0017	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	0.891	0.0005	-2.5 to 2.5	Pass
					3.85	0.903	0.0005	-2.5 to 2.5	Pass
					4.43	1.058	0.0006	-2.5 to 2.5	Pass
				-30	3.85	2.612	0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.834	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.227	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.614	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.855	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.718	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.254	-0.0001	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	0.746	0.0004	-2.5 to 2.5	Pass
					3.85	1.617	0.0008	-2.5 to 2.5	Pass
					4.43	2.060	0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.574	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.340	0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.574	0.0014	-2.5 to 2.5	Pass
				0	3.85	2.750	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.762	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.469	0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.771	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.407	0.0002	-2.5 to 2.5	Pass

5. Frequency Stability

5.1 B26a_1.4MHz

5.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	814.7	6	0	20	3.27	-0.604	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.142	-0.0014	-2.5 to 2.5	Pass
					4.43	-0.246	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.290	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.146	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.628	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.519	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.849	0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.079	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.260	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.023	-0.0013	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-0.620	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.492	-0.0030	-2.5 to 2.5	Pass
					4.43	-1.125	-0.0014	-2.5 to 2.5	Pass

				-30	3.85	-2.554	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.292	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-1.554	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.870	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-2.009	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-1.660	-0.0020	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	0.076	0.0001	-2.5 to 2.5	Pass
					3.85	-0.494	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.081	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.313	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.207	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.481	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.269	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.160	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.728	0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.410	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.020	0.0000	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	-0.073	-0.0001	-2.5 to 2.5	Pass
					3.85	0.200	0.0002	-2.5 to 2.5	Pass
					4.43	-0.373	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.085	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.696	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.344	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.398	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.295	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.321	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.534	-0.0019	-2.5 to 2.5	Pass
				50	3.85	0.184	0.0002	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-0.297	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.768	-0.0009	-2.5 to 2.5	Pass
					4.43	0.157	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.128	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.688	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.390	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.490	0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.853	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-1.013	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.069	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.312	-0.0004	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-1.397	-0.0017	-2.5 to 2.5	Pass
					3.85	0.522	0.0006	-2.5 to 2.5	Pass
					4.43	-1.018	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.259	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.800	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.487	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.393	-0.0005	-2.5 to 2.5	Pass
				10	3.85	0.259	0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.200	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.470	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.400	0.0005	-2.5 to 2.5	Pass

5.2 B26a_3MHz

5.2.1 Test Result

Band: 26a / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	815.5	15	0	20	3.27	-1.132	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.530	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.824	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.043	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.055	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.103	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.360	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.266	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.183	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.341	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.134	-0.0002	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-1.292	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.197	-0.0027	-2.5 to 2.5	Pass
					4.43	-1.838	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.629	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-1.650	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.219	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.526	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.143	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.695	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.418	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.079	-0.0013	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-0.273	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.324	-0.0016	-2.5 to 2.5	Pass
					4.43	0.794	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.054	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.142	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.195	-0.0002	-2.5 to 2.5	Pass
				0	3.85	1.164	0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.191	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.427	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.149	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.27	-0.392	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.477	-0.0006	-2.5 to 2.5	Pass
					4.43	0.244	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.279	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.803	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.418	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.823	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.890	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.468	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.196	-0.0002	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-1.009	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.337	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.447	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.758	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-1.078	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.095	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.652	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-1.847	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-2.126	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-0.885	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.678	-0.0020	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-1.289	-0.0016	-2.5 to 2.5	Pass

					3.85	-0.809	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.037	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.449	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.528	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.961	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.341	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.073	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.158	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.314	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.202	-0.0002	-2.5 to 2.5	Pass

5.3 B26a_5MHz

5.3.1 Test Result

Band: 26a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	816.5	25	0	20	3.27	0.677	0.0008	-2.5 to 2.5	Pass
					3.85	-0.226	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.104	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.241	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.239	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.827	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.109	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.708	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.447	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.118	0.0001	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-1.373	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.116	-0.0038	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.741	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.142	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.414	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.599	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-1.827	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.686	-0.0021	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-0.222	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.033	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.269	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.903	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.095	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.198	-0.0015	-2.5 to 2.5	Pass
				0	3.85	0.181	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.354	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.871	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.107	0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.619	-0.0020	-2.5 to 2.5	Pass
16QAM	816.5	25	0	20	3.27	-0.692	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.597	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.183	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.821	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.503	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.503	-0.0018	-2.5 to 2.5	Pass

				0	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-0.089	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.385	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.128	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.417	-0.0005	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-0.709	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.297	-0.0016	-2.5 to 2.5	Pass
					4.43	-1.257	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.211	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.102	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-0.882	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.139	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-0.865	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.293	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.376	-0.0017	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-0.155	-0.0002	-2.5 to 2.5	Pass
					3.85	0.099	0.0001	-2.5 to 2.5	Pass
					4.43	0.278	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.579	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.860	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.332	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.096	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.474	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-0.781	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.787	-0.0010	-2.5 to 2.5	Pass

5.4 B26a_10MHz

5.4.1 Test Result

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	3.27	-2.791	-0.0034	-2.5 to 2.5	Pass
					3.85	-1.462	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.983	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.733	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-1.146	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.689	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-1.002	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.930	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-1.090	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.623	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-1.628	-0.0020	-2.5 to 2.5	Pass
16QAM	819	50	0	20	3.27	-0.853	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.624	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.088	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-0.726	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.366	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.274	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.906	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.218	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.237	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.961	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.453	-0.0030	-2.5 to 2.5	Pass

6. Frequency Stability

6.1 B26b_1.4MHz

6.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-1.367	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.038	-0.0037	-2.5 to 2.5	Pass
					4.43	-1.534	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.983	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-0.880	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-1.464	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.531	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.569	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.997	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.400	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.959	-0.0012	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-0.052	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.481	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.076	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.355	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.311	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.794	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.004	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.765	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.390	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.477	-0.0006	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-0.644	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.300	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.594	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.461	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-0.448	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-2.163	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.362	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.777	-0.0009	-2.5 to 2.5	Pass
				30	3.85	0.094	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.176	0.0014	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-1.747	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.758	-0.0021	-2.5 to 2.5	Pass
					4.43	-1.182	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.745	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-0.447	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.258	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.499	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.078	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-1.921	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.907	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-0.512	-0.0006	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-0.239	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.329	-0.0004	-2.5 to 2.5	Pass

					4.43	-0.866	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.962	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.549	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.621	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.624	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.325	-0.0016	-2.5 to 2.5	Pass
				40	3.85	0.070	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.354	-0.0004	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-0.286	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.936	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.637	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.256	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.176	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.076	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.139	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.503	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.053	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.280	-0.0015	-2.5 to 2.5	Pass

6.2 B26b_3MHz

6.2.1 Test Result

Band: 26b / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-0.419	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.755	-0.0021	-2.5 to 2.5	Pass
					4.43	-1.144	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.283	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	0.004	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.706	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.683	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.350	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.190	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.700	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.618	-0.0007	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.339	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.619	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.520	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.780	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.010	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.090	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.284	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.981	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.608	-0.0007	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.256	-0.0015	-2.5 to 2.5	Pass
					3.85	-0.534	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.829	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.584	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.646	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.357	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass

				10	3.85	-1.545	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.336	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.918	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.457	-0.0029	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-0.314	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.428	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.075	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.293	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.754	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.555	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.974	-0.0012	-2.5 to 2.5	Pass
				10	3.85	0.554	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.254	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.213	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.915	-0.0011	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.884	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.575	-0.0007	-2.5 to 2.5	Pass
					4.43	0.491	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.174	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.603	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.398	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.882	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.387	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.387	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.915	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.130	-0.0002	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-2.310	-0.0027	-2.5 to 2.5	Pass
					3.85	-0.818	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.593	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.361	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.921	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.587	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.001	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-0.864	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.677	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.114	-0.0025	-2.5 to 2.5	Pass

6.3 B26b_5MHz

6.3.1 Test Result

Band: 26b / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	-0.902	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.899	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.690	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-1.194	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.506	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.798	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.689	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-0.447	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.291	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.711	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.535	-0.0019	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.606	-0.0007	-2.5 to 2.5	Pass

					3.85	-1.456	-0.0017	-2.5 to 2.5	Pass
					4.43	0.202	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.790	0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.137	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.138	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.467	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-0.579	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.192	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.582	-0.0031	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-0.496	-0.0006	-2.5 to 2.5	Pass
					3.85	0.980	0.0012	-2.5 to 2.5	Pass
					4.43	0.556	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.625	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.523	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.365	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.677	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.004	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.066	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.639	-0.0008	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-1.893	-0.0023	-2.5 to 2.5	Pass
					3.85	-0.972	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.097	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-0.453	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.552	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-0.716	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.467	0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.975	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-0.774	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.606	-0.0007	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.527	-0.0006	-2.5 to 2.5	Pass
					3.85	0.432	0.0005	-2.5 to 2.5	Pass
					4.43	-0.052	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.960	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.667	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.963	0.0012	-2.5 to 2.5	Pass
				0	3.85	0.685	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.872	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.018	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.176	0.0002	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-0.615	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.235	-0.0003	-2.5 to 2.5	Pass
					4.43	0.372	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.330	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.491	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.620	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.919	0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.025	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.431	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.617	0.0007	-2.5 to 2.5	Pass

6.4 B26b_10MHz

6.4.1 Test Result

Band: 26b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	0.090	0.0001	-2.5 to 2.5	Pass
					3.85	-1.434	-0.0017	-2.5 to 2.5	Pass
					4.43	-0.974	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.577	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.807	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.428	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.949	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.080	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.178	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.770	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.067	-0.0013	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.657	0.0008	-2.5 to 2.5	Pass
					3.85	-0.467	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.528	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.144	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.462	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.003	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.564	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.230	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.399	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.591	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.252	-0.0003	-2.5 to 2.5	Pass
	844	50	0	20	3.27	0.292	0.0003	-2.5 to 2.5	Pass
					3.85	-0.292	-0.0003	-2.5 to 2.5	Pass
					4.43	0.610	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.760	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.043	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.668	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-1.072	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.394	-0.0005	-2.5 to 2.5	Pass
				30	3.85	0.415	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.203	0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.232	-0.0015	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	0.303	0.0004	-2.5 to 2.5	Pass
					3.85	0.039	0.0000	-2.5 to 2.5	Pass
					4.43	-0.390	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.213	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.022	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.029	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.581	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.454	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-0.317	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.817	-0.0010	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.956	0.0011	-2.5 to 2.5	Pass
					3.85	-0.739	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.298	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.525	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.447	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.225	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.004	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.394	0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.020	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.025	-0.0012	-2.5 to 2.5	Pass

	844	50	0	50	3.85	-0.128	-0.0002	-2.5 to 2.5	Pass
				20	3.27	-0.114	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.909	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.300	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.764	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.115	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.261	0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.034	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.596	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.811	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.534	-0.0018	-2.5 to 2.5	Pass

7. Frequency Stability

7.1 B26c_15MHz

7.1.1 Test Result

Band: 26c / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	821.5	75	0	20	3.27	-1.018	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.412	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.425	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.370	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.148	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.041	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.750	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.507	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-1.279	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.825	-0.0022	-2.5 to 2.5	Pass
				50	3.85	0.247	0.0003	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-1.153	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.347	-0.0004	-2.5 to 2.5	Pass
					4.43	0.271	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.624	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.560	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.044	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.545	-0.0007	-2.5 to 2.5	Pass
				10	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.867	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.128	0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.275	-0.0015	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-0.138	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.807	-0.0021	-2.5 to 2.5	Pass
					4.43	-1.228	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.113	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.515	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.104	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.729	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.169	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.982	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.268	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.343	-0.0016	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.27	-1.119	-0.0014	-2.5 to 2.5	Pass

					3.85	0.177	0.0002	-2.5 to 2.5	Pass
					4.43	-1.377	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.280	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.300	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.414	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.203	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.264	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.653	-0.0020	-2.5 to 2.5	Pass
				40	3.85	0.453	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.538	-0.0007	-2.5 to 2.5	Pass
	831.5	75	0	20	3.27	-0.740	-0.0009	-2.5 to 2.5	Pass
					3.85	0.848	0.0010	-2.5 to 2.5	Pass
					4.43	-0.749	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.027	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.510	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.759	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.667	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.566	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.126	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.025	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.177	0.0014	-2.5 to 2.5	Pass
	841.5	75	0	20	3.27	-0.868	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.036	-0.0012	-2.5 to 2.5	Pass
					4.43	-1.347	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.138	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.892	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.494	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.406	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.238	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.537	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.860	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.120	-0.0001	-2.5 to 2.5	Pass

8. Frequency Stability

8.1 B38_5MHz

8.1.1 Test Result

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2572.5	25	0	20	3.27	0.852	0.0003	-2.5 to 2.5	Pass
					3.85	-1.793	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.374	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.142	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.882	0.0011	-2.5 to 2.5	Pass
				-10	3.85	3.885	0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.505	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.339	-0.0005	-2.5 to 2.5	Pass
				30	3.85	4.373	0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.958	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.607	-0.0006	-2.5 to 2.5	Pass
	2595	25	0	20	3.27	0.368	0.0001	-2.5 to 2.5	Pass
					3.85	6.075	0.0023	-2.5 to 2.5	Pass
					4.43	2.355	0.0009	-2.5 to 2.5	Pass

				-30	3.85	-1.215	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	5.355	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.794	-0.0003	-2.5 to 2.5	Pass
				0	3.85	5.983	0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.638	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.705	0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.673	-0.0006	-2.5 to 2.5	Pass
				50	3.85	3.158	0.0012	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.27	0.856	0.0003	-2.5 to 2.5	Pass
					3.85	2.162	0.0008	-2.5 to 2.5	Pass
					4.43	5.941	0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.825	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.206	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.055	0.0000	-2.5 to 2.5	Pass
				0	3.85	-2.863	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.022	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-4.512	-0.0017	-2.5 to 2.5	Pass
				40	3.85	0.753	0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.860	-0.0011	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.27	-2.983	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.534	-0.0002	-2.5 to 2.5	Pass
					4.43	0.697	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.201	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.523	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.779	0.0003	-2.5 to 2.5	Pass
				0	3.85	5.698	0.0022	-2.5 to 2.5	Pass
				10	3.85	0.857	0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.177	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.210	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.781	0.0003	-2.5 to 2.5	Pass
	2595	25	0	20	3.27	2.838	0.0011	-2.5 to 2.5	Pass
					3.85	6.928	0.0027	-2.5 to 2.5	Pass
					4.43	3.593	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.727	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.780	-0.0007	-2.5 to 2.5	Pass
				0	3.85	2.867	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.729	0.0007	-2.5 to 2.5	Pass
				30	3.85	4.552	0.0018	-2.5 to 2.5	Pass
				40	3.85	2.689	0.0010	-2.5 to 2.5	Pass
				50	3.85	3.808	0.0015	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.27	-2.182	-0.0008	-2.5 to 2.5	Pass
					3.85	3.790	0.0014	-2.5 to 2.5	Pass
					4.43	3.990	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.918	0.0011	-2.5 to 2.5	Pass
				-20	3.85	4.559	0.0017	-2.5 to 2.5	Pass
				-10	3.85	4.276	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.013	0.0008	-2.5 to 2.5	Pass
				10	3.85	6.135	0.0023	-2.5 to 2.5	Pass
				30	3.85	8.100	0.0031	-2.5 to 2.5	Pass
				40	3.85	5.115	0.0020	-2.5 to 2.5	Pass
				50	3.85	3.246	0.0012	-2.5 to 2.5	Pass

8.2 B38_10MHz

8.2.1 Test Result

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2575	50	0	20	3.27	11.938	0.0046	-2.5 to 2.5	Pass
					3.85	10.195	0.0040	-2.5 to 2.5	Pass
					4.43	5.279	0.0021	-2.5 to 2.5	Pass
				-30	3.85	2.064	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.073	0.0012	-2.5 to 2.5	Pass
				-10	3.85	7.053	0.0027	-2.5 to 2.5	Pass
				0	3.85	9.087	0.0035	-2.5 to 2.5	Pass
				10	3.85	10.874	0.0042	-2.5 to 2.5	Pass
				30	3.85	8.154	0.0032	-2.5 to 2.5	Pass
				40	3.85	5.945	0.0023	-2.5 to 2.5	Pass
				50	3.85	9.673	0.0038	-2.5 to 2.5	Pass
	2595	50	0	20	3.27	-4.789	-0.0018	-2.5 to 2.5	Pass
					3.85	3.204	0.0012	-2.5 to 2.5	Pass
					4.43	1.860	0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.074	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.636	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.746	-0.0007	-2.5 to 2.5	Pass
				0	3.85	7.288	0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.229	-0.0009	-2.5 to 2.5	Pass
				30	3.85	4.555	0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.321	-0.0005	-2.5 to 2.5	Pass
				50	3.85	4.201	0.0016	-2.5 to 2.5	Pass
	2615	50	0	20	3.27	3.783	0.0014	-2.5 to 2.5	Pass
					3.85	9.777	0.0037	-2.5 to 2.5	Pass
					4.43	8.051	0.0031	-2.5 to 2.5	Pass
				-30	3.85	10.300	0.0039	-2.5 to 2.5	Pass
				-20	3.85	5.569	0.0021	-2.5 to 2.5	Pass
				-10	3.85	3.315	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.613	0.0002	-2.5 to 2.5	Pass
				10	3.85	4.524	0.0017	-2.5 to 2.5	Pass
				30	3.85	1.766	0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.754	-0.0003	-2.5 to 2.5	Pass
				50	3.85	2.776	0.0011	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.27	6.088	0.0024	-2.5 to 2.5	Pass
					3.85	6.308	0.0024	-2.5 to 2.5	Pass
					4.43	13.026	0.0051	-2.5 to 2.5	Pass
				-30	3.85	12.138	0.0047	-2.5 to 2.5	Pass
				-20	3.85	14.678	0.0057	-2.5 to 2.5	Pass
				-10	3.85	9.816	0.0038	-2.5 to 2.5	Pass
				0	3.85	7.071	0.0027	-2.5 to 2.5	Pass
				10	3.85	0.967	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.618	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.554	0.0006	-2.5 to 2.5	Pass
				50	3.85	13.813	0.0054	-2.5 to 2.5	Pass
	2595	50	0	20	3.27	-1.050	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.305	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.934	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.511	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.024	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.313	0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0006	-2.5 to 2.5	Pass
				10	3.85	3.486	0.0013	-2.5 to 2.5	Pass
				30	3.85	6.369	0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.005	-0.0012	-2.5 to 2.5	Pass
				50	3.85	4.122	0.0016	-2.5 to 2.5	Pass
	2615	50	0	20	3.27	4.418	0.0017	-2.5 to 2.5	Pass

					3.85	2.330	0.0009	-2.5 to 2.5	Pass
					4.43	5.552	0.0021	-2.5 to 2.5	Pass
				-30	3.85	11.391	0.0044	-2.5 to 2.5	Pass
				-20	3.85	4.875	0.0019	-2.5 to 2.5	Pass
				-10	3.85	3.902	0.0015	-2.5 to 2.5	Pass
				0	3.85	10.969	0.0042	-2.5 to 2.5	Pass
				10	3.85	6.368	0.0024	-2.5 to 2.5	Pass
				30	3.85	2.921	0.0011	-2.5 to 2.5	Pass
				40	3.85	8.922	0.0034	-2.5 to 2.5	Pass
				50	3.85	6.440	0.0025	-2.5 to 2.5	Pass

8.3 B38_15MHz

8.3.1 Test Result

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2577.5	75	0	20	3.27	4.517	0.0018	-2.5 to 2.5	Pass
					3.85	4.864	0.0019	-2.5 to 2.5	Pass
					4.43	9.017	0.0035	-2.5 to 2.5	Pass
				-30	3.85	8.308	0.0032	-2.5 to 2.5	Pass
				-20	3.85	6.004	0.0023	-2.5 to 2.5	Pass
				-10	3.85	4.741	0.0018	-2.5 to 2.5	Pass
				0	3.85	4.853	0.0019	-2.5 to 2.5	Pass
				10	3.85	4.760	0.0018	-2.5 to 2.5	Pass
				30	3.85	12.849	0.0050	-2.5 to 2.5	Pass
				40	3.85	11.283	0.0044	-2.5 to 2.5	Pass
				50	3.85	6.661	0.0026	-2.5 to 2.5	Pass
	2595	75	0	20	3.27	-1.429	-0.0006	-2.5 to 2.5	Pass
					3.85	7.976	0.0031	-2.5 to 2.5	Pass
					4.43	2.186	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.976	0.0011	-2.5 to 2.5	Pass
				-20	3.85	3.475	0.0013	-2.5 to 2.5	Pass
				-10	3.85	5.790	0.0022	-2.5 to 2.5	Pass
				0	3.85	4.687	0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.931	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-4.112	-0.0016	-2.5 to 2.5	Pass
				40	3.85	6.216	0.0024	-2.5 to 2.5	Pass
				50	3.85	0.766	0.0003	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.27	3.736	0.0014	-2.5 to 2.5	Pass
					3.85	7.896	0.0030	-2.5 to 2.5	Pass
					4.43	4.931	0.0019	-2.5 to 2.5	Pass
				-30	3.85	4.157	0.0016	-2.5 to 2.5	Pass
				-20	3.85	5.129	0.0020	-2.5 to 2.5	Pass
				-10	3.85	3.170	0.0012	-2.5 to 2.5	Pass
				0	3.85	7.414	0.0028	-2.5 to 2.5	Pass
				10	3.85	3.149	0.0012	-2.5 to 2.5	Pass
				30	3.85	5.814	0.0022	-2.5 to 2.5	Pass
				40	3.85	1.962	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.605	0.0010	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.27	7.039	0.0027	-2.5 to 2.5	Pass
					3.85	6.246	0.0024	-2.5 to 2.5	Pass
					4.43	8.948	0.0035	-2.5 to 2.5	Pass
				-30	3.85	12.419	0.0048	-2.5 to 2.5	Pass
				-20	3.85	7.170	0.0028	-2.5 to 2.5	Pass
				-10	3.85	4.652	0.0018	-2.5 to 2.5	Pass

				0	3.85	5.684	0.0022	-2.5 to 2.5	Pass
				10	3.85	10.877	0.0042	-2.5 to 2.5	Pass
				30	3.85	8.027	0.0031	-2.5 to 2.5	Pass
				40	3.85	4.459	0.0017	-2.5 to 2.5	Pass
				50	3.85	6.804	0.0026	-2.5 to 2.5	Pass
	2595	75	0	20	3.27	6.163	0.0024	-2.5 to 2.5	Pass
					3.85	-2.998	-0.0012	-2.5 to 2.5	Pass
					4.43	-1.171	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	6.191	0.0024	-2.5 to 2.5	Pass
				-20	3.85	0.890	0.0003	-2.5 to 2.5	Pass
				-10	3.85	2.309	0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.287	-0.0009	-2.5 to 2.5	Pass
				10	3.85	6.674	0.0026	-2.5 to 2.5	Pass
				30	3.85	0.127	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.082	0.0008	-2.5 to 2.5	Pass
				50	3.85	6.400	0.0025	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.27	4.951	0.0019	-2.5 to 2.5	Pass
					3.85	7.593	0.0029	-2.5 to 2.5	Pass
					4.43	3.667	0.0014	-2.5 to 2.5	Pass
				-30	3.85	3.713	0.0014	-2.5 to 2.5	Pass
				-20	3.85	2.759	0.0011	-2.5 to 2.5	Pass
				-10	3.85	5.237	0.0020	-2.5 to 2.5	Pass
				0	3.85	7.818	0.0030	-2.5 to 2.5	Pass
				10	3.85	11.364	0.0043	-2.5 to 2.5	Pass
				30	3.85	1.904	0.0007	-2.5 to 2.5	Pass
				40	3.85	6.707	0.0026	-2.5 to 2.5	Pass
				50	3.85	10.405	0.0040	-2.5 to 2.5	Pass

8.4 B38_20MHz

8.4.1 Test Result

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.27	3.515	0.0014	-2.5 to 2.5	Pass
					3.85	-4.012	-0.0016	-2.5 to 2.5	Pass
					4.43	5.858	0.0023	-2.5 to 2.5	Pass
				-30	3.85	-0.019	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.374	0.0001	-2.5 to 2.5	Pass
				-10	3.85	3.607	0.0014	-2.5 to 2.5	Pass
				0	3.85	7.741	0.0030	-2.5 to 2.5	Pass
				10	3.85	1.815	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				40	3.85	5.277	0.0020	-2.5 to 2.5	Pass
	2595	100	0	50	3.85	4.063	0.0016	-2.5 to 2.5	Pass
				20	3.27	-0.694	-0.0003	-2.5 to 2.5	Pass
					3.85	0.773	0.0003	-2.5 to 2.5	Pass
					4.43	3.864	0.0015	-2.5 to 2.5	Pass
				-30	3.85	8.024	0.0031	-2.5 to 2.5	Pass
				-20	3.85	3.870	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.030	0.0000	-2.5 to 2.5	Pass
				0	3.85	5.729	0.0022	-2.5 to 2.5	Pass
				10	3.85	1.730	0.0007	-2.5 to 2.5	Pass
				30	3.85	5.816	0.0022	-2.5 to 2.5	Pass
				40	3.85	5.511	0.0021	-2.5 to 2.5	Pass
				50	3.85	0.903	0.0003	-2.5 to 2.5	Pass

	2610	100	0	20	3.27	1.911	0.0007	-2.5 to 2.5	Pass
					3.85	4.711	0.0018	-2.5 to 2.5	Pass
					4.43	3.781	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.099	0.0000	-2.5 to 2.5	Pass
				-20	3.85	2.986	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.932	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.316	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.816	-0.0003	-2.5 to 2.5	Pass
				30	3.85	2.064	0.0008	-2.5 to 2.5	Pass
				40	3.85	7.714	0.0030	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.27	4.888	0.0019	-2.5 to 2.5	Pass
					3.85	5.819	0.0023	-2.5 to 2.5	Pass
					4.43	3.890	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.310	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.377	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.535	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.663	-0.0006	-2.5 to 2.5	Pass
				10	3.85	7.309	0.0028	-2.5 to 2.5	Pass
				30	3.85	1.689	0.0007	-2.5 to 2.5	Pass
				40	3.85	3.180	0.0012	-2.5 to 2.5	Pass
	2595	100	0	20	3.27	1.380	0.0005	-2.5 to 2.5	Pass
					3.85	6.671	0.0026	-2.5 to 2.5	Pass
					4.43	-2.660	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.929	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	8.242	0.0032	-2.5 to 2.5	Pass
				-10	3.85	2.351	0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.112	-0.0012	-2.5 to 2.5	Pass
				10	3.85	3.420	0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.762	-0.0003	-2.5 to 2.5	Pass
				40	3.85	6.031	0.0023	-2.5 to 2.5	Pass
	2610	100	0	20	3.27	1.594	0.0006	-2.5 to 2.5	Pass
					3.85	6.121	0.0023	-2.5 to 2.5	Pass
					4.43	-1.439	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.938	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	3.077	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.473	-0.0009	-2.5 to 2.5	Pass
				0	3.85	5.162	0.0020	-2.5 to 2.5	Pass
				10	3.85	2.703	0.0010	-2.5 to 2.5	Pass
				30	3.85	2.466	0.0009	-2.5 to 2.5	Pass
				40	3.85	1.039	0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.088	-0.0008	-2.5 to 2.5	Pass

9. Frequency Stability

9.1 B4_1.4MHz

9.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	1.243	0.0007	-2.5 to 2.5	Pass
					3.85	0.282	0.0002	-2.5 to 2.5	Pass

					4.43	1.603	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.519	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.291	0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.457	0.0003	-2.5 to 2.5	Pass
				0	3.85	1.312	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.083	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.730	0.0010	-2.5 to 2.5	Pass
				40	3.85	2.187	0.0013	-2.5 to 2.5	Pass
				50	3.85	2.036	0.0012	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	0.318	0.0002	-2.5 to 2.5	Pass
					3.85	0.214	0.0001	-2.5 to 2.5	Pass
					4.43	0.862	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.364	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.173	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.318	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.346	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.356	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.137	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.712	0.0004	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-3.299	-0.0019	-2.5 to 2.5	Pass
					3.85	-2.798	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.535	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.445	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-2.854	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.729	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.458	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-4.379	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.370	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.434	-0.0025	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	1.278	0.0007	-2.5 to 2.5	Pass
					3.85	1.357	0.0008	-2.5 to 2.5	Pass
					4.43	1.913	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.307	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.846	0.0011	-2.5 to 2.5	Pass
				-10	3.85	2.636	0.0015	-2.5 to 2.5	Pass
				0	3.85	0.803	0.0005	-2.5 to 2.5	Pass
				10	3.85	3.001	0.0018	-2.5 to 2.5	Pass
				30	3.85	1.344	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.584	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.621	0.0009	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.025	0.0000	-2.5 to 2.5	Pass
					3.85	0.472	0.0003	-2.5 to 2.5	Pass
					4.43	-0.060	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.590	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.566	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.467	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.369	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.494	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.654	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.416	-0.0002	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-2.832	-0.0016	-2.5 to 2.5	Pass
					3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.723	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.781	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.721	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-3.046	-0.0017	-2.5 to 2.5	Pass

				0	3.85	-2.322	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.896	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.149	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.856	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-2.422	-0.0014	-2.5 to 2.5	Pass

9.2 B4_3MHz

9.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-0.411	-0.0002	-2.5 to 2.5	Pass
					3.85	0.161	0.0001	-2.5 to 2.5	Pass
					4.43	0.413	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.694	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.119	0.0007	-2.5 to 2.5	Pass
				0	3.85	2.042	0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.831	0.0005	-2.5 to 2.5	Pass
				40	3.85	1.196	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.007	0.0000	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.578	0.0003	-2.5 to 2.5	Pass
					3.85	-1.106	-0.0006	-2.5 to 2.5	Pass
					4.43	0.305	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.603	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.094	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.445	0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.006	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.365	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.241	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.828	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.246	-0.0001	-2.5 to 2.5	Pass
					3.85	1.651	0.0009	-2.5 to 2.5	Pass
					4.43	-2.214	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.107	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.805	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.175	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.814	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.727	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.334	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.897	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.020	0.0000	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	0.802	0.0005	-2.5 to 2.5	Pass
					3.85	-0.896	-0.0005	-2.5 to 2.5	Pass
					4.43	1.598	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.096	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.393	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.675	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.676	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.975	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.303	0.0002	-2.5 to 2.5	Pass

	1732.5	15	0	20	3.27	1.074	0.0006	-2.5 to 2.5	Pass
					3.85	1.186	0.0007	-2.5 to 2.5	Pass
					4.43	-0.767	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.928	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.165	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.865	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.599	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.527	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.261	-0.0002	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	0.143	0.0001	-2.5 to 2.5	Pass
					3.85	-1.580	-0.0009	-2.5 to 2.5	Pass
					4.43	1.686	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.584	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.686	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.700	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.599	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.537	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.026	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.302	-0.0002	-2.5 to 2.5	Pass

9.3 B4_5MHz

9.3.1 Test Result

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	2.277	0.0013	-2.5 to 2.5	Pass
					3.85	2.293	0.0013	-2.5 to 2.5	Pass
					4.43	2.040	0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.835	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.613	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.324	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.750	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.296	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.716	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.987	0.0012	-2.5 to 2.5	Pass
				50	3.85	0.463	0.0003	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.991	-0.0006	-2.5 to 2.5	Pass
					3.85	1.092	0.0006	-2.5 to 2.5	Pass
					4.43	0.096	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.735	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.398	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.473	0.0003	-2.5 to 2.5	Pass
				0	3.85	1.476	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.599	0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.432	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.282	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.693	0.0004	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-2.740	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.696	-0.0027	-2.5 to 2.5	Pass
					4.43	-4.754	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-5.139	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-2.008	-0.0011	-2.5 to 2.5	Pass

16QAM				-10	3.85	-2.254	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.080	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.973	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-2.791	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-4.138	-0.0024	-2.5 to 2.5	Pass
	1712.5	25	0	50	3.85	-3.622	-0.0021	-2.5 to 2.5	Pass
				20	3.27	2.204	0.0013	-2.5 to 2.5	Pass
					3.85	2.039	0.0012	-2.5 to 2.5	Pass
					4.43	3.505	0.0020	-2.5 to 2.5	Pass
				-30	3.85	0.821	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.489	0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.814	0.0016	-2.5 to 2.5	Pass
				0	3.85	0.919	0.0005	-2.5 to 2.5	Pass
				10	3.85	2.684	0.0016	-2.5 to 2.5	Pass
				30	3.85	2.629	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.095	0.0006	-2.5 to 2.5	Pass
				50	3.85	3.051	0.0018	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.688	-0.0004	-2.5 to 2.5	Pass
					3.85	1.655	0.0010	-2.5 to 2.5	Pass
					4.43	0.265	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.353	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.463	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.036	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.249	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.380	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.512	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.120	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.482	0.0009	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-3.776	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.962	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.939	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.915	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.974	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.607	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.121	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.348	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.261	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-4.402	-0.0025	-2.5 to 2.5	Pass

9.4 B4_10MHz

9.4.1 Test Result

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-3.599	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.096	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.656	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.812	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.138	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.062	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-3.890	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.636	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass

				50	3.85	-1.972	-0.0011	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-0.546	-0.0003	-2.5 to 2.5	Pass
					3.85	1.506	0.0009	-2.5 to 2.5	Pass
					4.43	0.828	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.437	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.673	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.570	-0.0003	-2.5 to 2.5	Pass
				0	3.85	1.165	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.407	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.535	-0.0003	-2.5 to 2.5	Pass
				50	3.85	1.126	0.0006	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	0.720	0.0004	-2.5 to 2.5	Pass
					3.85	2.383	0.0014	-2.5 to 2.5	Pass
					4.43	3.718	0.0021	-2.5 to 2.5	Pass
				-30	3.85	2.047	0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.992	0.0006	-2.5 to 2.5	Pass
				-10	3.85	3.310	0.0019	-2.5 to 2.5	Pass
				0	3.85	2.539	0.0015	-2.5 to 2.5	Pass
				10	3.85	0.998	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.660	0.0009	-2.5 to 2.5	Pass
				40	3.85	3.194	0.0018	-2.5 to 2.5	Pass
				50	3.85	1.413	0.0008	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-3.543	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.589	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.034	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-4.233	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-3.984	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-3.958	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.580	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.141	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-3.734	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-4.234	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-0.314	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.636	-0.0004	-2.5 to 2.5	Pass
					4.43	0.580	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.513	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.363	0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.946	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.524	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.695	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.673	0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.879	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.536	-0.0003	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	0.748	0.0004	-2.5 to 2.5	Pass
					3.85	0.265	0.0002	-2.5 to 2.5	Pass
					4.43	0.209	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.894	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.490	0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.122	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.392	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.859	0.0016	-2.5 to 2.5	Pass
				40	3.85	1.593	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.904	0.0005	-2.5 to 2.5	Pass

9.5 B4_15MHz

9.5.1 Test Result

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	0.342	0.0002	-2.5 to 2.5	Pass
					3.85	0.142	0.0001	-2.5 to 2.5	Pass
					4.43	-0.474	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.359	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.072	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.620	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.769	0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.534	-0.0003	-2.5 to 2.5	Pass
				50	3.85	0.373	0.0002	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	1.106	0.0006	-2.5 to 2.5	Pass
					3.85	0.547	0.0003	-2.5 to 2.5	Pass
					4.43	0.265	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.682	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.368	0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.894	0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.155	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.691	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.437	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.909	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.326	-0.0002	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-0.412	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.161	-0.0001	-2.5 to 2.5	Pass
					4.43	1.686	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.898	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.328	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.493	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.536	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.889	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.165	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.345	-0.0002	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	0.234	0.0001	-2.5 to 2.5	Pass
					3.85	1.461	0.0009	-2.5 to 2.5	Pass
					4.43	1.304	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.088	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.938	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.586	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.213	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.856	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.857	-0.0005	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-0.894	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
					4.43	0.006	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.062	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.998	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.736	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.560	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.235	0.0001	-2.5 to 2.5	Pass

	1747.5	75	0	50	3.85	0.705	0.0004	-2.5 to 2.5	Pass
				20	3.27	0.927	0.0005	-2.5 to 2.5	Pass
					3.85	1.335	0.0008	-2.5 to 2.5	Pass
					4.43	0.911	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.265	0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.295	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.195	0.0001	-2.5 to 2.5	Pass
				0	3.85	2.670	0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.442	-0.0003	-2.5 to 2.5	Pass
				40	3.85	2.010	0.0012	-2.5 to 2.5	Pass
				50	3.85	0.986	0.0006	-2.5 to 2.5	Pass

9.6 B4_20MHz

9.6.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	2.779	0.0016	-2.5 to 2.5	Pass
					3.85	1.492	0.0009	-2.5 to 2.5	Pass
					4.43	-0.076	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.481	0.0003	-2.5 to 2.5	Pass
				-20	3.85	2.320	0.0013	-2.5 to 2.5	Pass
				-10	3.85	2.174	0.0013	-2.5 to 2.5	Pass
				0	3.85	2.339	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.233	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.053	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.814	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.397	0.0008	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-0.530	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.234	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.302	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.506	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.376	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.038	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.215	-0.0007	-2.5 to 2.5	Pass
				10	3.85	1.149	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.751	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.133	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.056	0.0000	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.972	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.314	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.928	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.891	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.787	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.323	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.084	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.949	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.619	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.172	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-2.510	-0.0014	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	2.354	0.0014	-2.5 to 2.5	Pass
					3.85	2.114	0.0012	-2.5 to 2.5	Pass
					4.43	1.446	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.840	0.0005	-2.5 to 2.5	Pass

				-20	3.85	2.373	0.0014	-2.5 to 2.5	Pass
				-10	3.85	1.825	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.408	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.701	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.444	0.0003	-2.5 to 2.5	Pass
				40	3.85	3.484	0.0020	-2.5 to 2.5	Pass
				50	3.85	1.828	0.0011	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	0.498	0.0003	-2.5 to 2.5	Pass
					3.85	1.322	0.0008	-2.5 to 2.5	Pass
					4.43	-0.148	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.822	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.008	0.0000	-2.5 to 2.5	Pass
				-10	3.85	1.158	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.052	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.688	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.201	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.093	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.904	0.0005	-2.5 to 2.5	Pass
				20	3.27	-3.186	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.797	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.661	-0.0015	-2.5 to 2.5	Pass
	1745	100	0	-30	3.85	-3.274	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.451	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.224	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.987	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-4.272	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.562	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.817	-0.0016	-2.5 to 2.5	Pass

10. Frequency Stability

10.1 B41_5MHz

10.1.1 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	2498.5	25	0	20	3.27	9.667	0.0039	-2.5 to 2.5	Pass
					3.85	7.567	0.0030	-2.5 to 2.5	Pass
					4.43	4.395	0.0018	-2.5 to 2.5	Pass
				-30	3.85	2.525	0.0010	-2.5 to 2.5	Pass
				-20	3.85	7.995	0.0032	-2.5 to 2.5	Pass
				-10	3.85	8.186	0.0033	-2.5 to 2.5	Pass
				0	3.85	5.114	0.0020	-2.5 to 2.5	Pass
				10	3.85	8.195	0.0033	-2.5 to 2.5	Pass
				30	3.85	7.622	0.0031	-2.5 to 2.5	Pass
				40	3.85	2.919	0.0012	-2.5 to 2.5	Pass
				50	3.85	7.812	0.0031	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	8.851	0.0034	-2.5 to 2.5	Pass
					3.85	4.779	0.0018	-2.5 to 2.5	Pass
					4.43	2.434	0.0009	-2.5 to 2.5	Pass
				-30	3.85	9.177	0.0035	-2.5 to 2.5	Pass
				-20	3.85	7.527	0.0029	-2.5 to 2.5	Pass
				-10	3.85	3.592	0.0014	-2.5 to 2.5	Pass

				0	3.85	7.934	0.0031	-2.5 to 2.5	Pass
				10	3.85	3.439	0.0013	-2.5 to 2.5	Pass
				30	3.85	10.578	0.0041	-2.5 to 2.5	Pass
				40	3.85	1.620	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.303	0.0001	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	7.652	0.0028	-2.5 to 2.5	Pass
					3.85	4.760	0.0018	-2.5 to 2.5	Pass
					4.43	6.421	0.0024	-2.5 to 2.5	Pass
				-30	3.85	5.749	0.0021	-2.5 to 2.5	Pass
				-20	3.85	10.459	0.0039	-2.5 to 2.5	Pass
				-10	3.85	2.546	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.576	0.0006	-2.5 to 2.5	Pass
				10	3.85	6.672	0.0025	-2.5 to 2.5	Pass
				30	3.85	9.006	0.0034	-2.5 to 2.5	Pass
				40	3.85	1.687	0.0006	-2.5 to 2.5	Pass
				50	3.85	6.921	0.0026	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	9.043	0.0036	-2.5 to 2.5	Pass
					3.85	2.506	0.0010	-2.5 to 2.5	Pass
					4.43	6.733	0.0027	-2.5 to 2.5	Pass
				-30	3.85	7.498	0.0030	-2.5 to 2.5	Pass
				-20	3.85	9.821	0.0039	-2.5 to 2.5	Pass
				-10	3.85	3.634	0.0015	-2.5 to 2.5	Pass
				0	3.85	3.046	0.0012	-2.5 to 2.5	Pass
				10	3.85	5.067	0.0020	-2.5 to 2.5	Pass
				30	3.85	10.859	0.0043	-2.5 to 2.5	Pass
				40	3.85	4.774	0.0019	-2.5 to 2.5	Pass
				50	3.85	9.475	0.0038	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	1.069	0.0004	-2.5 to 2.5	Pass
					3.85	7.405	0.0029	-2.5 to 2.5	Pass
					4.43	6.071	0.0023	-2.5 to 2.5	Pass
				-30	3.85	5.447	0.0021	-2.5 to 2.5	Pass
				-20	3.85	8.547	0.0033	-2.5 to 2.5	Pass
				-10	3.85	3.738	0.0014	-2.5 to 2.5	Pass
				0	3.85	8.027	0.0031	-2.5 to 2.5	Pass
				10	3.85	2.957	0.0011	-2.5 to 2.5	Pass
				30	3.85	2.562	0.0010	-2.5 to 2.5	Pass
				40	3.85	3.275	0.0013	-2.5 to 2.5	Pass
				50	3.85	5.527	0.0021	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	5.157	0.0019	-2.5 to 2.5	Pass
					3.85	2.862	0.0011	-2.5 to 2.5	Pass
					4.43	8.945	0.0033	-2.5 to 2.5	Pass
				-30	3.85	0.164	0.0001	-2.5 to 2.5	Pass
				-20	3.85	5.141	0.0019	-2.5 to 2.5	Pass
				-10	3.85	5.076	0.0019	-2.5 to 2.5	Pass
				0	3.85	2.008	0.0007	-2.5 to 2.5	Pass
				10	3.85	4.731	0.0018	-2.5 to 2.5	Pass
				30	3.85	3.633	0.0014	-2.5 to 2.5	Pass
				40	3.85	1.745	0.0006	-2.5 to 2.5	Pass
				50	3.85	5.830	0.0022	-2.5 to 2.5	Pass

10.2 B41_10MHz

10.2.1 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	2501	50	0	20	3.27	5.317	0.0021	-2.5 to 2.5	Pass
					3.85	13.059	0.0052	-2.5 to 2.5	Pass
					4.43	2.373	0.0009	-2.5 to 2.5	Pass
				-30	3.85	10.291	0.0041	-2.5 to 2.5	Pass
				-20	3.85	9.431	0.0038	-2.5 to 2.5	Pass
				-10	3.85	11.570	0.0046	-2.5 to 2.5	Pass
				0	3.85	9.489	0.0038	-2.5 to 2.5	Pass
				10	3.85	8.988	0.0036	-2.5 to 2.5	Pass
				30	3.85	9.713	0.0039	-2.5 to 2.5	Pass
				40	3.85	10.174	0.0041	-2.5 to 2.5	Pass
				50	3.85	5.311	0.0021	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	6.369	0.0025	-2.5 to 2.5	Pass
					3.85	7.806	0.0030	-2.5 to 2.5	Pass
					4.43	5.159	0.0020	-2.5 to 2.5	Pass
				-30	3.85	2.037	0.0008	-2.5 to 2.5	Pass
				-20	3.85	10.845	0.0042	-2.5 to 2.5	Pass
				-10	3.85	5.496	0.0021	-2.5 to 2.5	Pass
				0	3.85	2.376	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.278	0.0005	-2.5 to 2.5	Pass
				30	3.85	7.583	0.0029	-2.5 to 2.5	Pass
				40	3.85	8.814	0.0034	-2.5 to 2.5	Pass
				50	3.85	3.144	0.0012	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-2.702	-0.0010	-2.5 to 2.5	Pass
					3.85	1.903	0.0007	-2.5 to 2.5	Pass
					4.43	-0.961	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	5.861	0.0022	-2.5 to 2.5	Pass
				-20	3.85	3.729	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.464	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.374	-0.0001	-2.5 to 2.5	Pass
				10	3.85	4.083	0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.933	-0.0003	-2.5 to 2.5	Pass
40				3.85	1.893	0.0007	-2.5 to 2.5	Pass	
50				3.85	4.174	0.0016	-2.5 to 2.5	Pass	
16QAM	2501	50	0	20	3.27	3.817	0.0015	-2.5 to 2.5	Pass
					3.85	13.236	0.0053	-2.5 to 2.5	Pass
					4.43	6.977	0.0028	-2.5 to 2.5	Pass
				-30	3.85	1.562	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.664	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.560	0.0014	-2.5 to 2.5	Pass
				0	3.85	11.276	0.0045	-2.5 to 2.5	Pass
				10	3.85	9.074	0.0036	-2.5 to 2.5	Pass
				30	3.85	6.529	0.0026	-2.5 to 2.5	Pass
				40	3.85	10.522	0.0042	-2.5 to 2.5	Pass
				50	3.85	1.934	0.0008	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	5.137	0.0020	-2.5 to 2.5	Pass
					3.85	6.951	0.0027	-2.5 to 2.5	Pass
					4.43	8.516	0.0033	-2.5 to 2.5	Pass
				-30	3.85	4.663	0.0018	-2.5 to 2.5	Pass
				-20	3.85	15.245	0.0059	-2.5 to 2.5	Pass
				-10	3.85	8.112	0.0031	-2.5 to 2.5	Pass
				0	3.85	1.392	0.0005	-2.5 to 2.5	Pass
				10	3.85	10.207	0.0039	-2.5 to 2.5	Pass
				30	3.85	8.714	0.0034	-2.5 to 2.5	Pass
				40	3.85	11.279	0.0043	-2.5 to 2.5	Pass
				50	3.85	0.658	0.0003	-2.5 to 2.5	Pass
2685	50	0	20	3.27	4.681	0.0017	-2.5 to 2.5	Pass	
				3.85	0.618	0.0002	-2.5 to 2.5	Pass	
				4.43	0.789	0.0003	-2.5 to 2.5	Pass	
			-30	3.85	4.668	0.0017	-2.5 to 2.5	Pass	

				-20	3.85	3.606	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.075	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.593	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.506	-0.0006	-2.5 to 2.5	Pass
				30	3.85	5.803	0.0022	-2.5 to 2.5	Pass
				40	3.85	1.764	0.0007	-2.5 to 2.5	Pass
				50	3.85	4.472	0.0017	-2.5 to 2.5	Pass

10.3 B41_15MHz

10.3.1 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	2503.5	75	0	20	3.27	0.053	0.0000	-2.5 to 2.5	Pass
					3.85	-0.337	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.452	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.328	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.791	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.382	-0.0010	-2.5 to 2.5	Pass
				0	3.85	1.950	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.741	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.816	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-3.246	-0.0013	-2.5 to 2.5	Pass
				50	3.85	0.989	0.0004	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	4.066	0.0016	-2.5 to 2.5	Pass
					3.85	2.797	0.0011	-2.5 to 2.5	Pass
					4.43	8.344	0.0032	-2.5 to 2.5	Pass
				-30	3.85	5.307	0.0020	-2.5 to 2.5	Pass
				-20	3.85	7.604	0.0029	-2.5 to 2.5	Pass
				-10	3.85	1.748	0.0007	-2.5 to 2.5	Pass
				0	3.85	4.060	0.0016	-2.5 to 2.5	Pass
				10	3.85	2.987	0.0012	-2.5 to 2.5	Pass
				30	3.85	3.256	0.0013	-2.5 to 2.5	Pass
				40	3.85	6.905	0.0027	-2.5 to 2.5	Pass
				50	3.85	2.354	0.0009	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	8.226	0.0031	-2.5 to 2.5	Pass
					3.85	8.301	0.0031	-2.5 to 2.5	Pass
					4.43	10.135	0.0038	-2.5 to 2.5	Pass
				-30	3.85	10.202	0.0038	-2.5 to 2.5	Pass
				-20	3.85	3.666	0.0014	-2.5 to 2.5	Pass
				-10	3.85	2.187	0.0008	-2.5 to 2.5	Pass
				0	3.85	11.594	0.0043	-2.5 to 2.5	Pass
				10	3.85	3.910	0.0015	-2.5 to 2.5	Pass
				30	3.85	3.743	0.0014	-2.5 to 2.5	Pass
				40	3.85	16.114	0.0060	-2.5 to 2.5	Pass
				50	3.85	7.046	0.0026	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	6.440	0.0026	-2.5 to 2.5	Pass
					3.85	3.972	0.0016	-2.5 to 2.5	Pass
					4.43	-1.447	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-3.864	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	5.995	0.0024	-2.5 to 2.5	Pass
				-10	3.85	3.595	0.0014	-2.5 to 2.5	Pass
				0	3.85	2.161	0.0009	-2.5 to 2.5	Pass
				10	3.85	-3.375	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.262	-0.0013	-2.5 to 2.5	Pass

	2593	75	0	40	3.85	0.005	0.0000	-2.5 to 2.5	Pass
				50	3.85	3.787	0.0015	-2.5 to 2.5	Pass
				20	3.27	3.877	0.0015	-2.5 to 2.5	Pass
					3.85	0.744	0.0003	-2.5 to 2.5	Pass
				-30	4.43	10.962	0.0042	-2.5 to 2.5	Pass
					3.85	11.100	0.0043	-2.5 to 2.5	Pass
				-20	3.85	8.400	0.0032	-2.5 to 2.5	Pass
				-10	3.85	12.855	0.0050	-2.5 to 2.5	Pass
				0	3.85	1.377	0.0005	-2.5 to 2.5	Pass
				10	3.85	6.026	0.0023	-2.5 to 2.5	Pass
				30	3.85	1.834	0.0007	-2.5 to 2.5	Pass
				40	3.85	7.018	0.0027	-2.5 to 2.5	Pass
	2682.5	75	0	50	3.85	10.556	0.0041	-2.5 to 2.5	Pass
				20	3.27	10.369	0.0039	-2.5 to 2.5	Pass
					3.85	3.716	0.0014	-2.5 to 2.5	Pass
				-30	4.43	8.833	0.0033	-2.5 to 2.5	Pass
					3.85	7.132	0.0027	-2.5 to 2.5	Pass
				-20	3.85	6.701	0.0025	-2.5 to 2.5	Pass
				-10	3.85	5.233	0.0020	-2.5 to 2.5	Pass
				0	3.85	2.078	0.0008	-2.5 to 2.5	Pass
				10	3.85	10.504	0.0039	-2.5 to 2.5	Pass
				30	3.85	6.506	0.0024	-2.5 to 2.5	Pass
				40	3.85	6.409	0.0024	-2.5 to 2.5	Pass
				50	3.85	11.739	0.0044	-2.5 to 2.5	Pass

10.4 B41_20MHz

10.4.1 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	2506	100	0	20	3.27	10.215	0.0041	-2.5 to 2.5	Pass
					3.85	8.032	0.0032	-2.5 to 2.5	Pass
					4.43	11.688	0.0047	-2.5 to 2.5	Pass
				-30	3.85	6.707	0.0027	-2.5 to 2.5	Pass
				-20	3.85	0.520	0.0002	-2.5 to 2.5	Pass
				-10	3.85	6.540	0.0026	-2.5 to 2.5	Pass
				0	3.85	-0.478	-0.0002	-2.5 to 2.5	Pass
				10	3.85	9.401	0.0038	-2.5 to 2.5	Pass
				30	3.85	6.036	0.0024	-2.5 to 2.5	Pass
				40	3.85	4.938	0.0020	-2.5 to 2.5	Pass
				50	3.85	9.603	0.0038	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	6.164	0.0024	-2.5 to 2.5	Pass
					3.85	6.188	0.0024	-2.5 to 2.5	Pass
					4.43	12.681	0.0049	-2.5 to 2.5	Pass
				-30	3.85	2.603	0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.466	0.0013	-2.5 to 2.5	Pass
				-10	3.85	10.049	0.0039	-2.5 to 2.5	Pass
				0	3.85	5.565	0.0021	-2.5 to 2.5	Pass
				10	3.85	10.091	0.0039	-2.5 to 2.5	Pass
				30	3.85	7.591	0.0029	-2.5 to 2.5	Pass
				40	3.85	5.873	0.0023	-2.5 to 2.5	Pass
				50	3.85	12.926	0.0050	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	6.354	0.0024	-2.5 to 2.5	Pass
					3.85	4.893	0.0018	-2.5 to 2.5	Pass
					4.43	2.394	0.0009	-2.5 to 2.5	Pass

				-30	3.85	3.247	0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.649	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.025	0.0004	-2.5 to 2.5	Pass
				0	3.85	5.898	0.0022	-2.5 to 2.5	Pass
				10	3.85	6.932	0.0026	-2.5 to 2.5	Pass
				30	3.85	4.857	0.0018	-2.5 to 2.5	Pass
				40	3.85	8.096	0.0030	-2.5 to 2.5	Pass
				50	3.85	6.910	0.0026	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	0.124	0.0000	-2.5 to 2.5	Pass
					3.85	8.319	0.0033	-2.5 to 2.5	Pass
					4.43	10.501	0.0042	-2.5 to 2.5	Pass
				-30	3.85	12.037	0.0048	-2.5 to 2.5	Pass
				-20	3.85	-0.018	0.0000	-2.5 to 2.5	Pass
				-10	3.85	8.928	0.0036	-2.5 to 2.5	Pass
				0	3.85	-0.048	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.277	-0.0001	-2.5 to 2.5	Pass
	2593	100	0	30	3.85	7.649	0.0031	-2.5 to 2.5	Pass
				40	3.85	6.835	0.0027	-2.5 to 2.5	Pass
				50	3.85	1.202	0.0005	-2.5 to 2.5	Pass
				20	3.27	4.442	0.0017	-2.5 to 2.5	Pass
					3.85	7.682	0.0030	-2.5 to 2.5	Pass
					4.43	0.815	0.0003	-2.5 to 2.5	Pass
				-30	3.85	4.587	0.0018	-2.5 to 2.5	Pass
				-20	3.85	11.610	0.0045	-2.5 to 2.5	Pass
	2680	100	0	-10	3.85	9.280	0.0036	-2.5 to 2.5	Pass
				0	3.85	1.380	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.586	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.121	0.0008	-2.5 to 2.5	Pass
				40	3.85	6.044	0.0023	-2.5 to 2.5	Pass
				50	3.85	4.883	0.0019	-2.5 to 2.5	Pass
				20	3.27	6.217	0.0023	-2.5 to 2.5	Pass
					3.85	2.805	0.0010	-2.5 to 2.5	Pass
					4.43	2.554	0.0010	-2.5 to 2.5	Pass
				-30	3.85	4.014	0.0015	-2.5 to 2.5	Pass
				-20	3.85	6.863	0.0026	-2.5 to 2.5	Pass
				-10	3.85	11.757	0.0044	-2.5 to 2.5	Pass
				0	3.85	2.166	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.620	0.0006	-2.5 to 2.5	Pass
				30	3.85	5.862	0.0022	-2.5 to 2.5	Pass
				40	3.85	3.584	0.0013	-2.5 to 2.5	Pass
				50	3.85	1.402	0.0005	-2.5 to 2.5	Pass

11. Frequency Stability

11.1 B5_1.4MHz

11.1.1 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	-1.729	-0.0021	-2.5 to 2.5	Pass
					3.85	-0.890	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.490	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.841	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-1.096	-0.0013	-2.5 to 2.5	Pass

				-10	3.85	-0.959	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.669	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.647	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.907	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.671	-0.0020	-2.5 to 2.5	Pass
	836.5	6	0	50	3.85	-1.953	-0.0024	-2.5 to 2.5	Pass
				20	3.27	-1.557	-0.0019	-2.5 to 2.5	Pass
					3.85	-0.738	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.107	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.623	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.225	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.053	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.350	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.242	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.016	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.856	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.344	-0.0016	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.449	0.0005	-2.5 to 2.5	Pass
					3.85	-0.868	-0.0010	-2.5 to 2.5	Pass
					4.43	0.077	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.584	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.804	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.488	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.232	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.558	0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.795	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.255	-0.0003	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-0.108	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.011	-0.0012	-2.5 to 2.5	Pass
					4.43	-1.061	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.155	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.169	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.265	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.040	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-0.476	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.692	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-1.457	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-1.454	-0.0018	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-1.432	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.564	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.724	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.194	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-1.021	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.730	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-1.564	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-0.943	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.279	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.805	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.498	-0.0018	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.275	0.0003	-2.5 to 2.5	Pass
					3.85	0.153	0.0002	-2.5 to 2.5	Pass
					4.43	0.068	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.649	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.163	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.725	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.211	-0.0014	-2.5 to 2.5	Pass
				30	3.85	1.107	0.0013	-2.5 to 2.5	Pass

				40	3.85	-0.225	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass

11.2 B5_3MHz

11.2.1 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	-0.473	-0.0006	-2.5 to 2.5	Pass
					3.85	0.221	0.0003	-2.5 to 2.5	Pass
					4.43	0.650	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.030	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.522	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.533	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.480	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.380	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.931	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.270	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.426	-0.0017	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.231	-0.0003	-2.5 to 2.5	Pass
					3.85	0.458	0.0005	-2.5 to 2.5	Pass
					4.43	-0.326	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.183	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.893	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.604	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.065	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.824	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.330	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.220	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.840	-0.0010	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-0.898	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.179	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.982	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.611	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-1.799	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-2.506	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.697	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-0.836	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.377	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.115	-0.0013	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	0.478	0.0006	-2.5 to 2.5	Pass
					3.85	-0.150	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.629	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.546	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.246	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.863	0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.442	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.008	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.127	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.346	-0.0004	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.101	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.139	-0.0014	-2.5 to 2.5	Pass
					4.43	-0.521	-0.0006	-2.5 to 2.5	Pass

				-30	3.85	-1.982	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.180	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.219	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-0.156	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.522	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.058	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				50	3.85	0.360	0.0004	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-2.091	-0.0025	-2.5 to 2.5	Pass
					3.85	-1.563	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.462	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.464	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.957	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.156	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-1.702	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-2.123	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.043	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-1.177	-0.0014	-2.5 to 2.5	Pass

11.3 B5_5MHz

11.3.1 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	-1.173	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.885	-0.0023	-2.5 to 2.5	Pass
					4.43	-2.183	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-1.240	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.370	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.256	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-1.314	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.154	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.487	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-2.254	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-2.172	-0.0026	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-1.652	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.841	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.945	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-1.450	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.612	0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.641	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.374	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.566	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-3.026	-0.0036	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-0.312	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.140	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.220	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.377	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.589	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.405	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.440	-0.0017	-2.5 to 2.5	Pass
				10	3.85	1.063	0.0013	-2.5 to 2.5	Pass

				30	3.85	-0.993	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.491	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.071	-0.0013	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-2.861	-0.0035	-2.5 to 2.5	Pass
					3.85	-1.442	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.802	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.385	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.523	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.384	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.279	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.643	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.158	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-2.413	-0.0029	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	0.454	0.0005	-2.5 to 2.5	Pass
					3.85	-0.148	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.170	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.448	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.166	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.821	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.496	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.696	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.036	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.191	-0.0002	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-0.249	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.843	-0.0010	-2.5 to 2.5	Pass
					4.43	0.142	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.934	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-1.255	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.404	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.115	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.171	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.809	0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.376	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.591	-0.0007	-2.5 to 2.5	Pass

11.4 B5_10MHz

11.4.1 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	-0.821	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.655	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.667	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-0.457	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.673	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.600	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.100	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.395	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.341	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.106	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.676	-0.0008	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.389	0.0005	-2.5 to 2.5	Pass
					3.85	-0.192	-0.0002	-2.5 to 2.5	Pass

					4.43	-1.183	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.188	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.085	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.308	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.115	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.285	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.856	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.743	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.113	0.0001	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.788	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.482	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.937	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.445	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.642	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.581	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.345	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.503	-0.0018	-2.5 to 2.5	Pass
				30	3.85	0.915	0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.235	-0.0026	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	0.491	0.0006	-2.5 to 2.5	Pass
					3.85	-0.189	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.220	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.400	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.056	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.492	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.175	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.719	-0.0009	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-0.419	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.590	-0.0007	-2.5 to 2.5	Pass
					4.43	0.226	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.253	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.395	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.247	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.532	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.608	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.299	-0.0016	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.290	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.277	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.491	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.396	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.451	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.254	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.237	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.857	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.121	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.605	-0.0007	-2.5 to 2.5	Pass

12. Frequency Stability

12.1 B7_5MHz

12.1.1 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	3.609	0.0014	-2.5 to 2.5	Pass
					3.85	1.479	0.0006	-2.5 to 2.5	Pass
					4.43	0.773	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.535	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.372	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.938	0.0004	-2.5 to 2.5	Pass
				0	3.85	3.758	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.100	0.0004	-2.5 to 2.5	Pass
				30	3.85	2.553	0.0010	-2.5 to 2.5	Pass
				40	3.85	3.209	0.0013	-2.5 to 2.5	Pass
				50	3.85	0.454	0.0002	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-2.640	-0.0010	-2.5 to 2.5	Pass
					3.85	-5.390	-0.0021	-2.5 to 2.5	Pass
					4.43	-1.711	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.879	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.182	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-3.593	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.289	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.137	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-2.154	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-3.400	-0.0013	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	1.449	0.0006	-2.5 to 2.5	Pass
					3.85	0.208	0.0001	-2.5 to 2.5	Pass
					4.43	0.460	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.870	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.062	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.022	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.574	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.548	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.407	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.666	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.259	-0.0001	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	3.691	0.0015	-2.5 to 2.5	Pass
					3.85	0.602	0.0002	-2.5 to 2.5	Pass
					4.43	1.067	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.336	0.0005	-2.5 to 2.5	Pass
				-20	3.85	4.010	0.0016	-2.5 to 2.5	Pass
				-10	3.85	2.022	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.025	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.581	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.523	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.318	0.0001	-2.5 to 2.5	Pass
				50	3.85	2.112	0.0008	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-2.126	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.471	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.806	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.198	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-5.744	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.774	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.352	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-3.212	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.713	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.270	-0.0013	-2.5 to 2.5	Pass

	2567.5	25	0	50	3.85	-3.462	-0.0014	-2.5 to 2.5	Pass
				20	3.27	-0.996	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.113	-0.0004	-2.5 to 2.5	Pass
					4.43	1.662	0.0006	-2.5 to 2.5	Pass
				-30	3.85	2.968	0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.629	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.235	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.133	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.579	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.872	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.885	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.708	-0.0003	-2.5 to 2.5	Pass

12.2 B7_10MHz

12.2.1 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	3.27	-3.912	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.113	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.408	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.007	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.836	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.954	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.959	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-3.107	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.315	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.778	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-4.886	-0.0020	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-4.495	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.254	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.041	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-5.165	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.752	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.695	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.811	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.296	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.888	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-4.912	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.531	-0.0006	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-4.165	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.551	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.648	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-4.427	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.694	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.902	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.762	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.170	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.115	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.931	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-2.331	-0.0009	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-3.733	-0.0015	-2.5 to 2.5	Pass
					3.85	-0.753	-0.0003	-2.5 to 2.5	Pass
					4.43	-4.356	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.734	-0.0015	-2.5 to 2.5	Pass

				-20	3.85	-1.265	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-2.491	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.670	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.659	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.359	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.535	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.414	-0.0010	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-4.540	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.773	-0.0011	-2.5 to 2.5	Pass
					4.43	-4.110	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.873	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.433	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.321	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-4.465	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.835	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.490	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.642	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.473	-0.0010	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-4.582	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
					4.43	-3.654	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.673	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.814	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.974	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.052	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-4.942	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-3.457	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.324	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.345	-0.0017	-2.5 to 2.5	Pass

12.3 B7_15MHz

12.3.1 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	-1.509	-0.0006	-2.5 to 2.5	Pass
					3.85	0.371	0.0001	-2.5 to 2.5	Pass
					4.43	0.821	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.246	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.121	0.0000	-2.5 to 2.5	Pass
				-10	3.85	1.343	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.167	-0.0001	-2.5 to 2.5	Pass
				10	3.85	2.808	0.0011	-2.5 to 2.5	Pass
				30	3.85	1.828	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.942	0.0004	-2.5 to 2.5	Pass
				50	3.85	1.079	0.0004	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-2.252	-0.0009	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.141	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.077	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.012	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.941	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.111	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.067	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.299	-0.0009	-2.5 to 2.5	Pass

	2562.5	75	0	40	3.85	-4.849	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.987	-0.0016	-2.5 to 2.5	Pass
				20	3.27	1.744	0.0007	-2.5 to 2.5	Pass
					3.85	1.899	0.0007	-2.5 to 2.5	Pass
					4.43	3.370	0.0013	-2.5 to 2.5	Pass
				-30	3.85	2.598	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.784	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.042	0.0012	-2.5 to 2.5	Pass
				0	3.85	2.510	0.0010	-2.5 to 2.5	Pass
				10	3.85	3.637	0.0014	-2.5 to 2.5	Pass
				30	3.85	0.621	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.936	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.453	0.0002	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	0.833	0.0003	-2.5 to 2.5	Pass
					3.85	2.631	0.0010	-2.5 to 2.5	Pass
					4.43	-0.914	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.259	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.518	0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.657	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.659	0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.907	-0.0004	-2.5 to 2.5	Pass
				30	3.85	1.581	0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.103	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.565	0.0002	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-2.619	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.741	-0.0007	-2.5 to 2.5	Pass
					4.43	-3.243	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.103	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.431	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.912	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.828	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-4.415	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.282	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.748	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.878	-0.0011	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	0.378	0.0001	-2.5 to 2.5	Pass
					3.85	3.534	0.0014	-2.5 to 2.5	Pass
					4.43	-0.060	0.0000	-2.5 to 2.5	Pass
				-30	3.85	3.204	0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.242	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.524	0.0002	-2.5 to 2.5	Pass
				0	3.85	3.841	0.0015	-2.5 to 2.5	Pass
				10	3.85	3.022	0.0012	-2.5 to 2.5	Pass
				30	3.85	1.899	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.228	0.0001	-2.5 to 2.5	Pass
				50	3.85	3.051	0.0012	-2.5 to 2.5	Pass

12.4 B7_20MHz

12.4.1 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	4.364	0.0017	-2.5 to 2.5	Pass
					3.85	1.371	0.0005	-2.5 to 2.5	Pass
					4.43	2.735	0.0011	-2.5 to 2.5	Pass

				-30	3.85	1.080	0.0004	-2.5 to 2.5	Pass
				-20	3.85	3.582	0.0014	-2.5 to 2.5	Pass
				-10	3.85	2.623	0.0010	-2.5 to 2.5	Pass
				0	3.85	3.316	0.0013	-2.5 to 2.5	Pass
				10	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.785	0.0011	-2.5 to 2.5	Pass
				40	3.85	2.673	0.0011	-2.5 to 2.5	Pass
				50	3.85	1.703	0.0007	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-2.709	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.911	-0.0004	-2.5 to 2.5	Pass
					4.43	-4.902	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.477	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.789	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.999	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-4.324	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.011	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.888	-0.0011	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	1.290	0.0005	-2.5 to 2.5	Pass
					3.85	-0.975	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.966	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.684	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.939	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	3.286	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.783	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.072	0.0004	-2.5 to 2.5	Pass
				30	3.85	2.036	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.426	0.0002	-2.5 to 2.5	Pass
				50	3.85	2.847	0.0011	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	3.063	0.0012	-2.5 to 2.5	Pass
					3.85	2.534	0.0010	-2.5 to 2.5	Pass
					4.43	1.050	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.354	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.129	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.165	0.0001	-2.5 to 2.5	Pass
				0	3.85	5.033	0.0020	-2.5 to 2.5	Pass
				10	3.85	0.114	0.0000	-2.5 to 2.5	Pass
				30	3.85	3.223	0.0013	-2.5 to 2.5	Pass
				40	3.85	2.933	0.0012	-2.5 to 2.5	Pass
				50	3.85	3.660	0.0015	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-1.780	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.828	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.492	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.575	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.564	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-3.253	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.902	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.844	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.936	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.520	-0.0010	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	0.735	0.0003	-2.5 to 2.5	Pass
					3.85	1.432	0.0006	-2.5 to 2.5	Pass
					4.43	-1.026	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.757	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.947	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.285	0.0005	-2.5 to 2.5	Pass
				0	3.85	2.671	0.0010	-2.5 to 2.5	Pass

				10	3.85	2.045	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.262	0.0001	-2.5 to 2.5	Pass
				40	3.85	2.617	0.0010	-2.5 to 2.5	Pass
				50	3.85	2.492	0.0010	-2.5 to 2.5	Pass