

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	-1.844	-0.0026	-2.5 to 2.5	Pass
					3.85	-0.898	-0.0013	-2.5 to 2.5	Pass
					4.43	0.402	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.945	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.118	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.840	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.686	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.669	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.079	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.942	-0.0013	-2.5 to 2.5	Pass
				50	3.85	0.003	0.0000	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-1.015	-0.0014	-2.5 to 2.5	Pass
					3.85	0.112	0.0002	-2.5 to 2.5	Pass
					4.43	-0.835	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.380	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.145	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.444	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.092	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.070	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.181	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.791	-0.0011	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-1.189	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.274	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.979	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.557	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.765	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.913	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.482	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.030	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0022	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	0.125	0.0002	-2.5 to 2.5	Pass
					3.85	0.382	0.0005	-2.5 to 2.5	Pass
					4.43	0.351	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.340	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.463	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.673	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.340	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.606	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.164	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.018	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.099	-0.0001	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-0.458	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.000	-0.0028	-2.5 to 2.5	Pass

					4.43	-0.318	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.960	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.464	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.313	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.766	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.529	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.979	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.000	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.565	-0.0022	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-0.157	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
					4.43	0.601	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.584	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.083	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.228	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.588	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.523	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.698	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.232	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.698	-0.0010	-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	-2.422	-0.0035	-2.5 to 2.5	Pass
					3.85	-3.199	-0.0046	-2.5 to 2.5	Pass
					4.43	-3.648	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-3.201	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-2.699	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-2.890	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-3.818	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-2.444	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-2.978	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-3.847	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-3.249	-0.0046	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-0.573	-0.0008	-2.5 to 2.5	Pass
					3.85	0.074	0.0001	-2.5 to 2.5	Pass
					4.43	0.490	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.803	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.838	0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.817	0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.459	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.424	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.377	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.504	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.232	-0.0017	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	0.027	0.0000	-2.5 to 2.5	Pass
					3.85	0.451	0.0006	-2.5 to 2.5	Pass
					4.43	0.688	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.369	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass

				-10	3.85	-1.010	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.153	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.675	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.227	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-0.111	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.265	-0.0004	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-3.810	-0.0054	-2.5 to 2.5	Pass
					3.85	-4.380	-0.0063	-2.5 to 2.5	Pass
					4.43	-2.657	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-2.938	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-3.224	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-3.099	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-3.201	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-3.071	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-2.906	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-2.108	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.582	-0.0037	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-1.043	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.010	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.085	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.427	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.771	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-1.977	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-0.889	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.027	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-1.976	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-2.084	-0.0029	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	0.304	0.0004	-2.5 to 2.5	Pass
					3.85	0.330	0.0005	-2.5 to 2.5	Pass
					4.43	1.008	0.0014	-2.5 to 2.5	Pass
				-30	3.85	0.545	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.018	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.058	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.391	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.212	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.603	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.673	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.789	-0.0011	-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	-1.780	-0.0025	-2.5 to 2.5	Pass
					3.85	0.743	0.0011	-2.5 to 2.5	Pass
					4.43	-1.018	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.110	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.045	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.181	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.684	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.360	-0.0005	-2.5 to 2.5	Pass

				30	3.85	-0.574	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.673	-0.0024	-2.5 to 2.5	Pass
				50	3.85	0.503	0.0007	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	0.269	0.0004	-2.5 to 2.5	Pass
					3.85	-1.617	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.094	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.839	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.454	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.290	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.234	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.354	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.967	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.759	-0.0025	-2.5 to 2.5	Pass
				50	3.85	0.204	0.0003	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-0.639	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.279	-0.0018	-2.5 to 2.5	Pass
					4.43	-0.813	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.124	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.118	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.348	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.888	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.235	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.796	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.578	-0.0022	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	0.456	0.0007	-2.5 to 2.5	Pass
					3.85	-0.733	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.950	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.830	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.781	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.833	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.123	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.410	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.576	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.516	-0.0007	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	0.725	0.0010	-2.5 to 2.5	Pass
					3.85	0.527	0.0007	-2.5 to 2.5	Pass
					4.43	0.363	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.164	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.335	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.929	0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.357	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.004	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.521	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.188	-0.0017	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	0.545	0.0008	-2.5 to 2.5	Pass
					3.85	-0.337	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.528	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.676	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.711	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.911	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.900	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.333	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.508	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.080	-0.0001	-2.5 to 2.5	Pass

				50	3.85	0.837	0.0012	-2.5 to 2.5	Pass
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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	0.874	0.0012	-2.5 to 2.5	Pass
					3.85	1.443	0.0020	-2.5 to 2.5	Pass
					4.43	-1.603	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.748	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	0.269	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.780	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.994	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.028	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.237	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.049	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.625	-0.0009	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-0.672	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.638	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.657	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.736	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.726	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-1.870	-0.0026	-2.5 to 2.5	Pass
				0	3.85	0.354	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.294	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.591	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.926	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.878	-0.0012	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-1.588	-0.0022	-2.5 to 2.5	Pass
					3.85	-0.291	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.808	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-0.828	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.721	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.894	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.308	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.217	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.648	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-1.823	-0.0026	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.27	0.446	0.0006	-2.5 to 2.5	Pass
					3.85	-1.209	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.786	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-0.859	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.222	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.314	-0.0019	-2.5 to 2.5	Pass
				0	3.85	0.228	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.458	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.562	-0.0008	-2.5 to 2.5	Pass
				40	3.85	0.073	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.305	-0.0004	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-0.484	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.808	-0.0011	-2.5 to 2.5	Pass

					4.43	-0.967	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.939	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.108	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.219	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.838	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.550	-0.0008	-2.5 to 2.5	Pass
				30	3.85	0.118	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.890	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.424	-0.0020	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.965	-0.0014	-2.5 to 2.5	Pass
					3.85	-0.940	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.645	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.765	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.885	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.703	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.992	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.393	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.249	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-1.937	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-0.984	-0.0014	-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	-1.156	-0.0015	-2.5 to 2.5	Pass
					3.85	-1.739	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.427	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-2.310	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-0.839	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.200	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-1.007	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.056	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.759	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.602	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.844	-0.0024	-2.5 to 2.5	Pass
	782	25	0	20	3.27	0.291	0.0004	-2.5 to 2.5	Pass
					3.85	-0.084	-0.0001	-2.5 to 2.5	Pass
					4.43	0.761	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.719	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.006	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.402	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.348	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.293	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.193	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.907	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.277	-0.0016	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	0.003	0.0000	-2.5 to 2.5	Pass
					3.85	-1.021	-0.0013	-2.5 to 2.5	Pass

					4.43	-1.263	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.311	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.753	-0.0010	-2.5 to 2.5	Pass
				0	3.85	0.423	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.755	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.416	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.339	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.881	-0.0011	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-0.102	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.879	-0.0024	-2.5 to 2.5	Pass
					4.43	-0.808	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.835	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.099	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.158	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.181	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.778	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-1.873	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.086	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-1.387	-0.0018	-2.5 to 2.5	Pass
	782	25	0	20	3.27	0.792	0.0010	-2.5 to 2.5	Pass
					3.85	0.896	0.0011	-2.5 to 2.5	Pass
					4.43	0.386	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.169	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.506	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.082	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.508	0.0019	-2.5 to 2.5	Pass
				10	3.85	0.246	0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.008	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.856	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.692	-0.0009	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	0.470	0.0006	-2.5 to 2.5	Pass
					3.85	0.728	0.0009	-2.5 to 2.5	Pass
					4.43	0.035	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.230	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.673	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.421	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.508	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.705	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.650	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.156	-0.0015	-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	2.061	0.0026	-2.5 to 2.5	Pass
					3.85	-0.278	-0.0004	-2.5 to 2.5	Pass
					4.43	0.538	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.126	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.953	0.0012	-2.5 to 2.5	Pass

				-10	3.85	-0.491	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.295	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.165	0.0015	-2.5 to 2.5	Pass
				30	3.85	0.890	0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.126	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.143	0.0002	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	0.236	0.0003	-2.5 to 2.5	Pass
					3.85	-0.805	-0.0010	-2.5 to 2.5	Pass
					4.43	0.591	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.641	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.777	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.731	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.351	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.319	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.743	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.489	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.309	0.0004	-2.5 to 2.5	Pass

3. Frequency Stability

3.1 B17_5MHz

3.1.1 Test Result

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	706.5	25	0	20	3.27	-1.639	-0.0023	-2.5 to 2.5	Pass
					3.85	-2.748	-0.0039	-2.5 to 2.5	Pass
					4.43	-2.390	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.167	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.917	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.627	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.192	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-1.630	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-2.069	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-1.923	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-2.008	-0.0028	-2.5 to 2.5	Pass
	710	25	0	20	3.27	0.156	0.0002	-2.5 to 2.5	Pass
					3.85	1.026	0.0014	-2.5 to 2.5	Pass
					4.43	-0.234	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.321	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.639	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.689	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.181	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.882	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.030	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.498	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.492	-0.0007	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-0.304	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.977	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.278	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.303	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.679	-0.0024	-2.5 to 2.5	Pass

16QAM	706.5	25	0	-10	3.85	-2.232	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-0.297	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.179	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-0.420	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.119	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.881	-0.0026	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-2.193	-0.0031	-2.5 to 2.5	Pass
					3.85	-2.025	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.208	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-2.085	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-1.828	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-1.468	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.185	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-1.215	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.646	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.060	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.588	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-1.280	-0.0018	-2.5 to 2.5	Pass
					3.85	-0.982	-0.0014	-2.5 to 2.5	Pass
					4.43	0.405	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.661	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.231	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.168	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.421	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.021	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.803	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.519	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.259	0.0004	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-0.239	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.745	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.261	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.292	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.373	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.141	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.363	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.476	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.159	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.561	-0.0022	-2.5 to 2.5	Pass

3.2 B17_10MHz

3.2.1 Test Result

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	3.27	-1.782	-0.0025	-2.5 to 2.5	Pass
					3.85	-1.411	-0.0020	-2.5 to 2.5	Pass
					4.43	-0.444	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.320	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.059	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.954	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.375	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-0.530	-0.0007	-2.5 to 2.5	Pass

	710	50	0	30	3.85	-1.233	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.876	-0.0026	-2.5 to 2.5	Pass
				50	3.85	0.374	0.0005	-2.5 to 2.5	Pass
				20	3.27	0.198	0.0003	-2.5 to 2.5	Pass
					3.85	1.530	0.0022	-2.5 to 2.5	Pass
					4.43	1.074	0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.754	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.461	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.293	-0.0004	-2.5 to 2.5	Pass
	711	50	0	0	3.85	0.703	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.453	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.301	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				50	3.85	1.503	0.0021	-2.5 to 2.5	Pass
				20	3.27	-1.569	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.050	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.502	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-0.499	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.994	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.331	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.004	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-1.036	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.898	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.323	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-0.579	-0.0008	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-0.447	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.230	-0.0003	-2.5 to 2.5	Pass
					4.43	0.308	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.630	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-0.733	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.310	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.177	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.658	0.0009	-2.5 to 2.5	Pass
	710	50	0	40	3.85	-0.712	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				20	3.27	0.455	0.0006	-2.5 to 2.5	Pass
					3.85	0.914	0.0013	-2.5 to 2.5	Pass
					4.43	-0.814	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.087	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.357	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.524	0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.902	-0.0013	-2.5 to 2.5	Pass
				10	3.85	0.305	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.163	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.988	0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.598	-0.0008	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.417	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.747	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.109	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.629	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-0.745	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.016	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.646	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-1.543	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.303	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.687	-0.0038	-2.5 to 2.5	Pass

				50	3.85	-1.299	-0.0018	-2.5 to 2.5	Pass
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4. Frequency Stability

4.1 B2_1.4MHz

4.1.1 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	-1.926	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.663	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.394	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.115	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.093	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.231	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-3.394	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-1.320	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.163	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-4.594	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-0.845	-0.0005	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-3.171	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
					4.43	-4.597	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.519	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.704	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.176	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.504	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.997	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-5.759	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-5.925	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-3.386	-0.0018	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	1.055	0.0006	-2.5 to 2.5	Pass
					3.85	0.111	0.0001	-2.5 to 2.5	Pass
					4.43	-0.474	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.291	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.712	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.789	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.680	-0.0004	-2.5 to 2.5	Pass
				10	3.85	1.236	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.295	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.991	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.966	-0.0016	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-2.785	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.710	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.419	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.823	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.551	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.213	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.485	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.047	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.724	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.557	-0.0019	-2.5 to 2.5	Pass

	1880	6	0	50	3.85	-2.369	-0.0013	-2.5 to 2.5	Pass
				20	3.27	-2.563	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.085	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.952	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-4.213	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-3.406	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.033	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.427	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.576	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.205	-0.0012	-2.5 to 2.5	Pass
	1909.3	6	0	40	3.85	-2.712	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.326	-0.0018	-2.5 to 2.5	Pass
				20	3.27	-2.225	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.630	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.385	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.770	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.447	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.226	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.199	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.127	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.028	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.628	-0.0009	-2.5 to 2.5	Pass

4.2 B2_3MHz

4.2.1 Test Result

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	-1.712	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.207	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.685	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.803	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.814	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.010	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.115	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-3.650	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.867	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-3.867	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.643	-0.0009	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-1.908	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.372	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.377	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.908	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.960	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-4.752	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-4.252	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.919	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.893	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.599	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-4.347	-0.0023	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	1.035	0.0005	-2.5 to 2.5	Pass
					3.85	1.170	0.0006	-2.5 to 2.5	Pass

					4.43	0.256	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.835	0.0004	-2.5 to 2.5	Pass
				-20	3.85	2.405	0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.454	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.427	0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.979	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.933	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.354	0.0002	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-3.408	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.852	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.039	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-4.056	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-1.986	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.448	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.252	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.597	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.104	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.594	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.214	-0.0012	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-2.563	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.413	-0.0023	-2.5 to 2.5	Pass
					4.43	-3.425	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.311	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.756	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.916	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-4.315	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.802	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.223	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-3.850	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-4.951	-0.0026	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-1.582	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.331	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.637	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.300	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.158	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.412	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.386	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.173	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.525	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.262	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.643	-0.0003	-2.5 to 2.5	Pass

4.3 B2_5MHz

4.3.1 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	-1.536	-0.0008	-2.5 to 2.5	Pass
					3.85	-4.364	-0.0024	-2.5 to 2.5	Pass
					4.43	-1.668	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.242	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.772	-0.0010	-2.5 to 2.5	Pass

				-10	3.85	-0.637	-0.0003	-2.5 to 2.5	Pass	
				0	3.85	-1.165	-0.0006	-2.5 to 2.5	Pass	
				10	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass	
				30	3.85	-1.856	-0.0010	-2.5 to 2.5	Pass	
				40	3.85	-0.530	-0.0003	-2.5 to 2.5	Pass	
				50	3.85	-2.199	-0.0012	-2.5 to 2.5	Pass	
	1880	25	0	20	3.27	-3.024	-0.0016	-2.5 to 2.5	Pass	
					3.85	-3.633	-0.0019	-2.5 to 2.5	Pass	
					4.43	-1.957	-0.0010	-2.5 to 2.5	Pass	
				-30	3.85	-2.883	-0.0015	-2.5 to 2.5	Pass	
				-20	3.85	-4.207	-0.0022	-2.5 to 2.5	Pass	
				-10	3.85	-1.547	-0.0008	-2.5 to 2.5	Pass	
				0	3.85	-2.975	-0.0016	-2.5 to 2.5	Pass	
				10	3.85	-2.801	-0.0015	-2.5 to 2.5	Pass	
				30	3.85	-4.102	-0.0022	-2.5 to 2.5	Pass	
				40	3.85	-3.525	-0.0019	-2.5 to 2.5	Pass	
				50	3.85	-2.845	-0.0015	-2.5 to 2.5	Pass	
				1907.5	25	0	20	3.27	-0.710	-0.0004
	3.85	-1.117	-0.0006					-2.5 to 2.5	Pass	
	4.43	-1.909	-0.0010					-2.5 to 2.5	Pass	
	-30	3.85	0.792				0.0004	-2.5 to 2.5	Pass	
	-20	3.85	0.268				0.0001	-2.5 to 2.5	Pass	
	-10	3.85	-1.219				-0.0006	-2.5 to 2.5	Pass	
	0	3.85	0.172				0.0001	-2.5 to 2.5	Pass	
	10	3.85	-0.425				-0.0002	-2.5 to 2.5	Pass	
	30	3.85	0.280				0.0001	-2.5 to 2.5	Pass	
	40	3.85	-1.037				-0.0005	-2.5 to 2.5	Pass	
	50	3.85	0.424				0.0002	-2.5 to 2.5	Pass	
	16QAM	1852.5	25				0	20	3.27	-3.253
				3.85	-2.560	-0.0014			-2.5 to 2.5	Pass
4.43				-3.817	-0.0021	-2.5 to 2.5			Pass	
-30				3.85	-3.713	-0.0020		-2.5 to 2.5	Pass	
-20				3.85	-2.993	-0.0016		-2.5 to 2.5	Pass	
-10				3.85	-3.319	-0.0018		-2.5 to 2.5	Pass	
0				3.85	-3.871	-0.0021		-2.5 to 2.5	Pass	
10				3.85	-3.516	-0.0019		-2.5 to 2.5	Pass	
30				3.85	-2.000	-0.0011		-2.5 to 2.5	Pass	
40				3.85	-1.394	-0.0008		-2.5 to 2.5	Pass	
50				3.85	-0.559	-0.0003		-2.5 to 2.5	Pass	
1880				25	0	20		3.27	-3.190	-0.0017
		3.85	-3.635				-0.0019	-2.5 to 2.5	Pass	
		4.43	-4.691				-0.0025	-2.5 to 2.5	Pass	
		-30	3.85			-3.298	-0.0018	-2.5 to 2.5	Pass	
		-20	3.85			-3.027	-0.0016	-2.5 to 2.5	Pass	
		-10	3.85			-5.072	-0.0027	-2.5 to 2.5	Pass	
		0	3.85			-3.648	-0.0019	-2.5 to 2.5	Pass	
		10	3.85			-2.338	-0.0012	-2.5 to 2.5	Pass	
		30	3.85			-2.955	-0.0016	-2.5 to 2.5	Pass	
		40	3.85			-3.457	-0.0018	-2.5 to 2.5	Pass	
		50	3.85			-1.557	-0.0008	-2.5 to 2.5	Pass	
		1907.5	25			0	20	3.27	-1.722	-0.0009
3.85				0.565	0.0003			-2.5 to 2.5	Pass	
4.43				-0.091	0.0000			-2.5 to 2.5	Pass	
-30				3.85	2.326		0.0012	-2.5 to 2.5	Pass	
-20				3.85	1.215		0.0006	-2.5 to 2.5	Pass	
-10				3.85	-0.499		-0.0003	-2.5 to 2.5	Pass	
0		3.85	-0.018	0.0000	-2.5 to 2.5	Pass				

				10	3.85	-1.225	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.486	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.298	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.002	0.0000	-2.5 to 2.5	Pass

4.4 B2_10MHz

4.4.1 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	-3.205	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.273	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-3.196	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.681	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-5.251	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-3.209	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.008	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-2.780	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.071	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.482	-0.0013	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-3.195	-0.0017	-2.5 to 2.5	Pass
					3.85	-2.649	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.121	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.330	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.883	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-5.661	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-5.794	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-3.585	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.410	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-5.122	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.798	-0.0026	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-0.137	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.317	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.497	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.997	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.660	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.882	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.511	0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.427	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.282	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.625	0.0009	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-1.467	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.951	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.573	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.566	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.713	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.488	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.098	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.777	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.941	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.144	-0.0017	-2.5 to 2.5	Pass

	1880	50	0	50	3.85	-2.314	-0.0012	-2.5 to 2.5	Pass
				20	3.27	-3.076	-0.0016	-2.5 to 2.5	Pass
					3.85	-5.382	-0.0029	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.785	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.690	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.613	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-4.787	-0.0025	-2.5 to 2.5	Pass
	40	3.85	-1.719	-0.0009	-2.5 to 2.5	Pass			
	50	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-0.242	-0.0001	-2.5 to 2.5	Pass
					3.85	0.905	0.0005	-2.5 to 2.5	Pass
					4.43	0.202	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.130	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.716	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.639	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.083	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.550	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.315	0.0007	-2.5 to 2.5	Pass
	50	3.85	0.727	0.0004	-2.5 to 2.5	Pass			

4.5 B2_15MHz

4.5.1 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	-1.781	-0.0010	-2.5 to 2.5	Pass
					3.85	-4.513	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.969	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-4.896	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-2.049	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-4.816	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.863	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.154	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.807	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.753	-0.0015	-2.5 to 2.5	Pass
	1880	75	0	50	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				20	3.27	-3.265	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.553	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.097	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.443	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.759	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.341	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.845	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-3.939	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.223	-0.0017	-2.5 to 2.5	Pass
	1902.5	75	0	40	3.85	-3.478	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.418	-0.0024	-2.5 to 2.5	Pass
				20	3.27	-0.893	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.949	-0.0016	-2.5 to 2.5	Pass

					4.43	-4.409	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.441	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.418	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.214	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.743	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-3.661	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-5.796	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.973	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-5.227	-0.0027	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-4.325	-0.0023	-2.5 to 2.5	Pass
					3.85	-2.087	-0.0011	-2.5 to 2.5	Pass
					4.43	-4.089	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.738	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-3.938	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.651	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.008	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-3.053	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.967	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-3.363	-0.0018	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-4.029	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.016	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.543	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.358	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-2.584	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.992	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.666	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.056	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.217	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.084	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.953	-0.0016	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-4.571	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.073	-0.0027	-2.5 to 2.5	Pass
					4.43	-2.768	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.088	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.404	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-5.499	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-5.008	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-3.491	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.812	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.250	-0.0017	-2.5 to 2.5	Pass

4.6 B2_20MHz

4.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	2.023	0.0011	-2.5 to 2.5	Pass
					3.85	0.175	0.0001	-2.5 to 2.5	Pass
					4.43	0.378	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.860	0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.658	0.0014	-2.5 to 2.5	Pass

				-10	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				0	3.85	2.190	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.183	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.737	-0.0004	-2.5 to 2.5	Pass
				50	3.85	1.236	0.0007	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-2.230	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.195	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.378	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.220	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.797	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.878	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.650	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.840	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.114	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.503	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-5.072	-0.0027	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-2.583	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.506	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.188	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.959	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.327	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-4.019	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.542	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.807	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.372	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.934	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.964	-0.0010	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	0.297	0.0002	-2.5 to 2.5	Pass
					3.85	0.639	0.0003	-2.5 to 2.5	Pass
					4.43	2.192	0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.025	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.156	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.225	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.868	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.472	0.0008	-2.5 to 2.5	Pass
				30	3.85	2.188	0.0012	-2.5 to 2.5	Pass
				40	3.85	0.912	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.458	0.0008	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-4.006	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.349	-0.0018	-2.5 to 2.5	Pass
					4.43	-4.766	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.117	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-1.846	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-4.842	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.030	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-4.498	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.372	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.843	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-4.941	-0.0026	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-2.216	-0.0012	-2.5 to 2.5	Pass
					3.85	-3.353	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.282	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.298	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.196	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.777	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.529	-0.0008	-2.5 to 2.5	Pass

				10	3.85	-1.951	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.515	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.929	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.501	-0.0013	-2.5 to 2.5	Pass

5. Frequency Stability

5.1 B4_1.4MHz

5.1.1 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	1.353	0.0008	-2.5 to 2.5	Pass
					3.85	2.081	0.0012	-2.5 to 2.5	Pass
					4.43	2.688	0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.490	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.735	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.213	0.0007	-2.5 to 2.5	Pass
				0	3.85	2.276	0.0013	-2.5 to 2.5	Pass
				10	3.85	1.933	0.0011	-2.5 to 2.5	Pass
				30	3.85	1.183	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.956	0.0006	-2.5 to 2.5	Pass
				50	3.85	2.556	0.0015	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.372	-0.0002	-2.5 to 2.5	Pass
					3.85	0.159	0.0001	-2.5 to 2.5	Pass
					4.43	-0.017	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.388	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.919	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.218	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.047	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.727	0.0004	-2.5 to 2.5	Pass
				30	3.85	2.910	0.0017	-2.5 to 2.5	Pass
				40	3.85	1.464	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.816	0.0005	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-2.904	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.728	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.224	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.282	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.078	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.221	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.983	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.345	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.779	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-2.845	-0.0016	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	2.592	0.0015	-2.5 to 2.5	Pass
					3.85	1.488	0.0009	-2.5 to 2.5	Pass
					4.43	3.300	0.0019	-2.5 to 2.5	Pass
				-30	3.85	1.864	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.981	0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.201	0.0007	-2.5 to 2.5	Pass

				10	3.85	2.882	0.0017	-2.5 to 2.5	Pass
				30	3.85	1.099	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.751	0.0010	-2.5 to 2.5	Pass
				50	3.85	2.778	0.0016	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.852	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.062	0.0000	-2.5 to 2.5	Pass
					4.43	1.485	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.118	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.007	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.021	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.877	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.317	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.270	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.058	0.0000	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-3.396	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.654	-0.0032	-2.5 to 2.5	Pass
					4.43	-3.249	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.261	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-4.356	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-4.019	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-4.062	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.356	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.932	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.212	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.915	-0.0022	-2.5 to 2.5	Pass

5.2 B4_3MHz

5.2.1 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	-0.421	-0.0002	-2.5 to 2.5	Pass
					3.85	0.212	0.0001	-2.5 to 2.5	Pass
					4.43	0.334	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.098	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.402	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.485	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.675	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.671	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.140	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.154	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.650	0.0004	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	0.202	0.0001	-2.5 to 2.5	Pass
					3.85	1.706	0.0010	-2.5 to 2.5	Pass
					4.43	-0.204	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.921	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.851	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.424	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.532	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.403	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.790	0.0005	-2.5 to 2.5	Pass

	1753.5	15	0	50	3.85	-0.130	-0.0001	-2.5 to 2.5	Pass
				20	3.27	1.190	0.0007	-2.5 to 2.5	Pass
					3.85	2.307	0.0013	-2.5 to 2.5	Pass
					4.43	-1.786	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.208	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.304	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.588	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.325	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.026	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.186	0.0012	-2.5 to 2.5	Pass
				50	3.85	0.299	0.0002	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-0.637	-0.0004	-2.5 to 2.5	Pass
					3.85	0.468	0.0003	-2.5 to 2.5	Pass
					4.43	-0.245	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.854	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.854	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.552	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.640	-0.0010	-2.5 to 2.5	Pass
				0	3.85	0.316	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.233	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.776	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.741	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.691	-0.0004	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-0.910	-0.0005	-2.5 to 2.5	Pass
					3.85	0.695	0.0004	-2.5 to 2.5	Pass
					4.43	-0.531	-0.0003	-2.5 to 2.5	Pass
					3.85	0.272	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.293	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.098	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.492	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.183	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.274	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.463	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.996	0.0006	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	0.333	0.0002	-2.5 to 2.5	Pass
					3.85	0.467	0.0003	-2.5 to 2.5	Pass
					4.43	-0.945	-0.0005	-2.5 to 2.5	Pass
					3.85	0.407	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.407	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.939	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.998	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.061	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.555	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.402	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.420	0.0002	-2.5 to 2.5	Pass
				50	3.85	2.068	0.0012	-2.5 to 2.5	Pass

5.3 B4_5MHz

5.3.1 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	0.137	0.0001	-2.5 to 2.5	Pass
					3.85	1.224	0.0007	-2.5 to 2.5	Pass

					4.43	-0.121	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.286	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.407	0.0008	-2.5 to 2.5	Pass
				0	3.85	1.293	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.311	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.631	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.477	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.427	0.0014	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.294	0.0002	-2.5 to 2.5	Pass
					3.85	0.402	0.0002	-2.5 to 2.5	Pass
					4.43	0.024	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.865	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.297	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.385	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.685	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.786	-0.0005	-2.5 to 2.5	Pass
				30	3.85	1.142	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.053	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.163	0.0007	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-3.120	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.941	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.521	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.314	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.486	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.663	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.775	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.057	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.521	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.898	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.676	-0.0010	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.875	0.0011	-2.5 to 2.5	Pass
					3.85	1.089	0.0006	-2.5 to 2.5	Pass
					4.43	2.245	0.0013	-2.5 to 2.5	Pass
				-30	3.85	2.373	0.0014	-2.5 to 2.5	Pass
				-20	3.85	2.075	0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.673	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.877	0.0017	-2.5 to 2.5	Pass
				10	3.85	2.745	0.0016	-2.5 to 2.5	Pass
				30	3.85	2.021	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.064	0.0006	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.178	-0.0001	-2.5 to 2.5	Pass
					3.85	1.013	0.0006	-2.5 to 2.5	Pass
					4.43	-0.745	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.674	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.245	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.169	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.125	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.661	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.984	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.317	-0.0002	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-1.795	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.820	-0.0005	-2.5 to 2.5	Pass
					4.43	-3.314	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.753	-0.0010	-2.5 to 2.5	Pass

				-20	3.85	-1.759	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.532	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.136	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.525	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.122	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.758	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.369	-0.0019	-2.5 to 2.5	Pass

5.4 B4_10MHz

5.4.1 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	-3.583	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.378	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.585	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.539	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.713	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-2.127	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-3.869	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.157	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.151	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.683	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.462	-0.0014	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	1.439	0.0008	-2.5 to 2.5	Pass
					3.85	0.424	0.0002	-2.5 to 2.5	Pass
					4.43	-0.610	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.758	0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.116	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.633	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.155	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.314	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.342	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.242	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.055	0.0006	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	1.604	0.0009	-2.5 to 2.5	Pass
					3.85	2.490	0.0014	-2.5 to 2.5	Pass
					4.43	1.811	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.929	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.001	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.267	0.0002	-2.5 to 2.5	Pass
				0	3.85	2.612	0.0015	-2.5 to 2.5	Pass
				10	3.85	0.499	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.954	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.547	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.651	0.0009	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-2.404	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.452	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.019	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.402	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.686	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.813	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.636	-0.0015	-2.5 to 2.5	Pass

				10	3.85	-2.334	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.503	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.421	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.281	-0.0007	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	1.441	0.0008	-2.5 to 2.5	Pass
					3.85	-0.877	-0.0005	-2.5 to 2.5	Pass
					4.43	0.922	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.585	0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.182	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.211	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.062	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.038	0.0000	-2.5 to 2.5	Pass
				30	3.85	2.524	0.0015	-2.5 to 2.5	Pass
				40	3.85	0.455	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.767	-0.0004	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	1.760	0.0010	-2.5 to 2.5	Pass
					3.85	2.190	0.0013	-2.5 to 2.5	Pass
					4.43	0.654	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.667	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.660	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.719	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.804	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.072	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.613	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.880	0.0011	-2.5 to 2.5	Pass

5.5 B4_15MHz

5.5.1 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	1.185	0.0007	-2.5 to 2.5	Pass
					3.85	0.548	0.0003	-2.5 to 2.5	Pass
					4.43	-1.223	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.448	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.242	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.632	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.369	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.333	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.698	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.359	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.133	0.0001	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	2.020	0.0012	-2.5 to 2.5	Pass
					3.85	0.776	0.0004	-2.5 to 2.5	Pass
					4.43	2.568	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.107	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.765	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.035	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.474	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.339	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.409	0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.094	-0.0006	-2.5 to 2.5	Pass

	1747.5	75	0	50	3.85	0.409	0.0002	-2.5 to 2.5	Pass
				20	3.27	0.008	0.0000	-2.5 to 2.5	Pass
					3.85	1.452	0.0008	-2.5 to 2.5	Pass
					4.43	0.096	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.424	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.418	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.033	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.141	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.709	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.002	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.065	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.820	0.0005	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	0.420	0.0002	-2.5 to 2.5	Pass
					3.85	-0.450	-0.0003	-2.5 to 2.5	Pass
					4.43	0.650	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.102	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.314	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.147	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.510	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.399	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.390	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.819	-0.0005	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-0.578	-0.0003	-2.5 to 2.5	Pass
					3.85	1.295	0.0007	-2.5 to 2.5	Pass
					4.43	1.035	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.818	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.516	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.995	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.239	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.433	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.121	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.299	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.628	-0.0004	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-0.298	-0.0002	-2.5 to 2.5	Pass
					3.85	0.251	0.0001	-2.5 to 2.5	Pass
					4.43	0.976	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.382	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.088	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.540	0.0003	-2.5 to 2.5	Pass
				10	3.85	2.016	0.0012	-2.5 to 2.5	Pass
				30	3.85	0.242	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.110	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.330	0.0008	-2.5 to 2.5	Pass

5.6 B4_20MHz

5.6.1 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	1.123	0.0007	-2.5 to 2.5	Pass
					3.85	1.001	0.0006	-2.5 to 2.5	Pass

					4.43	2.122	0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.294	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.874	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.846	0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.179	-0.0001	-2.5 to 2.5	Pass
				30	3.85	1.137	0.0007	-2.5 to 2.5	Pass
				40	3.85	2.647	0.0015	-2.5 to 2.5	Pass
				50	3.85	3.193	0.0019	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-0.168	-0.0001	-2.5 to 2.5	Pass
					3.85	0.948	0.0005	-2.5 to 2.5	Pass
					4.43	1.051	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.004	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.274	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.813	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.003	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.083	0.0000	-2.5 to 2.5	Pass
				30	3.85	-1.389	-0.0008	-2.5 to 2.5	Pass
				40	3.85	0.878	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.487	-0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.265	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.427	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.827	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-3.666	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.784	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.452	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.194	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.096	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.987	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.913	-0.0017	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	2.661	0.0015	-2.5 to 2.5	Pass
					3.85	1.003	0.0006	-2.5 to 2.5	Pass
					4.43	1.846	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.394	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	3.170	0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.505	0.0015	-2.5 to 2.5	Pass
				0	3.85	3.031	0.0018	-2.5 to 2.5	Pass
				10	3.85	2.866	0.0017	-2.5 to 2.5	Pass
				30	3.85	2.522	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.521	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.528	0.0009	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-0.622	-0.0004	-2.5 to 2.5	Pass
					3.85	0.225	0.0001	-2.5 to 2.5	Pass
					4.43	-0.991	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.049	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.299	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.831	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.536	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.460	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.638	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.581	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.740	-0.0004	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.811	-0.0016	-2.5 to 2.5	Pass
					3.85	-3.309	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.878	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.621	-0.0009	-2.5 to 2.5	Pass

				-20	3.85	-1.997	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.564	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.617	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.591	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.825	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.646	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.688	-0.0021	-2.5 to 2.5	Pass

6. Frequency Stability

6.1 B5_1.4MHz

6.1.1 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	-0.551	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.296	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.830	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.671	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.012	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.977	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.935	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.281	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-1.823	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-2.775	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-2.036	-0.0025	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-0.741	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.455	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.268	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.140	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.050	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.332	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.093	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.007	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.290	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.069	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.709	0.0008	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-0.480	-0.0006	-2.5 to 2.5	Pass
					3.85	0.399	0.0005	-2.5 to 2.5	Pass
					4.43	-0.538	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.553	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.226	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.418	0.0017	-2.5 to 2.5	Pass
				0	3.85	0.381	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.509	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.151	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.051	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.643	0.0008	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-1.821	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.650	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.262	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-2.301	-0.0028	-2.5 to 2.5	Pass

				-20	3.85	-2.621	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-1.522	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.330	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.111	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.995	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-3.484	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-1.107	-0.0013	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-2.495	-0.0030	-2.5 to 2.5	Pass
					3.85	-0.759	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.262	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.000	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.606	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-0.667	-0.0008	-2.5 to 2.5	Pass
				0	3.85	0.109	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.237	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.244	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.086	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.177	-0.0026	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.486	0.0006	-2.5 to 2.5	Pass
					3.85	0.457	0.0005	-2.5 to 2.5	Pass
					4.43	0.332	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.128	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.242	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.381	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.539	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.078	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.889	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.054	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.606	0.0007	-2.5 to 2.5	Pass

6.2 B5_3MHz

6.2.1 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	-0.186	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.233	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.775	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.511	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.103	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.649	-0.0008	-2.5 to 2.5	Pass
				0	3.85	0.643	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.321	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.660	-0.0008	-2.5 to 2.5	Pass
				40	3.85	0.295	0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.069	-0.0001	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.913	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.784	-0.0009	-2.5 to 2.5	Pass
					4.43	0.254	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.028	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.618	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.539	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.212	-0.0014	-2.5 to 2.5	Pass

	847.5	15	0	10	3.85	-0.082	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.319	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.797	-0.0010	-2.5 to 2.5	Pass
				20	3.27	-0.995	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.449	-0.0029	-2.5 to 2.5	Pass
					4.43	-1.754	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.426	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.434	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.688	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.131	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-2.036	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.156	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.413	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.930	-0.0023	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	0.922	0.0011	-2.5 to 2.5	Pass
					3.85	-0.103	-0.0001	-2.5 to 2.5	Pass
					4.43	0.374	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.070	0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.274	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.249	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.508	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.581	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.359	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.839	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-0.787	-0.0010	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.090	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.767	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.079	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.509	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.641	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.171	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.943	-0.0011	-2.5 to 2.5	Pass
				10	3.85	0.116	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.948	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.213	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.062	-0.0001	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-1.943	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.665	-0.0020	-2.5 to 2.5	Pass
					4.43	-0.551	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.086	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.179	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.017	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-0.963	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.572	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-1.744	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.406	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.913	-0.0011	-2.5 to 2.5	Pass

6.3 B5_5MHz

6.3.1 Test Result

Band: 5 / Bandwidth: 5MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	826.5	25	0	20	3.27	-2.387	-0.0029	-2.5 to 2.5	Pass
					3.85	-2.096	-0.0025	-2.5 to 2.5	Pass
					4.43	-3.027	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-2.402	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.388	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.044	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-2.456	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-1.336	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.520	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.708	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-1.363	-0.0016	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	0.171	0.0002	-2.5 to 2.5	Pass
					3.85	-0.332	-0.0004	-2.5 to 2.5	Pass
					4.43	0.290	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.891	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.760	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.721	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.034	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.804	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.333	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.142	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.452	0.0005	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	0.192	0.0002	-2.5 to 2.5	Pass
					3.85	-1.213	-0.0014	-2.5 to 2.5	Pass
					4.43	-0.138	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.654	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.578	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.657	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.818	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.364	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.705	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.278	-0.0015	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-1.382	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.479	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.588	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.593	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.524	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.656	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.622	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-0.939	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.608	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.082	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-2.139	-0.0026	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.622	-0.0007	-2.5 to 2.5	Pass
					3.85	0.193	0.0002	-2.5 to 2.5	Pass
					4.43	-0.982	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.142	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.015	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.258	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-1.442	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-1.256	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.862	-0.0010	-2.5 to 2.5	Pass
				40	3.85	0.845	0.0010	-2.5 to 2.5	Pass
				50	3.85	0.633	0.0008	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	0.142	0.0002	-2.5 to 2.5	Pass

					3.85	0.425	0.0005	-2.5 to 2.5	Pass
					4.43	-0.603	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.422	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.768	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.656	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.455	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.810	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.595	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.776	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.304	-0.0004	-2.5 to 2.5	Pass

6.4 B5_10MHz

6.4.1 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	-0.715	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.293	-0.0028	-2.5 to 2.5	Pass
					4.43	-2.152	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-0.675	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.870	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.185	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.441	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.814	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-0.718	-0.0009	-2.5 to 2.5	Pass
				40	3.85	0.158	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.304	-0.0004	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-1.176	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.240	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.317	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.569	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.762	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.734	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.282	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.953	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.502	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.787	0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.305	-0.0004	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.667	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.576	-0.0019	-2.5 to 2.5	Pass
					4.43	-0.876	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.126	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.522	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.627	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.462	0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.175	-0.0014	-2.5 to 2.5	Pass
				30	3.85	0.145	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.402	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.012	-0.0012	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	0.116	0.0001	-2.5 to 2.5	Pass
					3.85	-0.026	0.0000	-2.5 to 2.5	Pass
					4.43	0.374	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.411	-0.0005	-2.5 to 2.5	Pass

				-20	3.85	-0.123	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.237	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.388	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.749	0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.004	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.723	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-0.974	-0.0012	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-0.117	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.235	-0.0015	-2.5 to 2.5	Pass
					4.43	0.477	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.754	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.600	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.216	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.352	0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.146	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.251	-0.0015	-2.5 to 2.5	Pass
				40	3.85	0.228	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.989	-0.0012	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-1.663	-0.0020	-2.5 to 2.5	Pass
					3.85	0.429	0.0005	-2.5 to 2.5	Pass
					4.43	-1.351	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.130	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.674	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.291	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.567	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.000	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.886	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-0.410	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.506	-0.0006	-2.5 to 2.5	Pass