1. Frequency Stability

1.1 B2_1.4MHz

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.4	-19.898	-0.0108	-2.5 to 2.5	Pass
					3.85	-24.133	-0.0130	-2.5 to 2.5	Pass
					4.40	-21.172	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-32.029	-0.0173	-2.5 to 2.5	Pass
				-20	3.85	-10.543	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-34.647	-0.0187	-2.5 to 2.5	Pass
				10	3.85	-42.515	-0.0230	-2.5 to 2.5	Pass
				30	3.85	-26.379	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-16.708	-0.0090	-2.5 to 2.5	Pass
				50	3.85	-25.620	-0.0138	-2.5 to 2.5	Pass
	1880	6	0	20	3.4	-9.055	-0.0048	-2.5 to 2.5	Pass
					3.85	-16.408	-0.0087	-2.5 to 2.5	Pass
					4.40	-9.499	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-42.615	-0.0227	-2.5 to 2.5	Pass
				-20	3.85	-20.771	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-34.075	-0.0181	-2.5 to 2.5	Pass
				0	3.85	-13.261	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-26.650	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-22.058	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-12.717	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-47.436	-0.0252	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.4	-24.176	-0.0127	-2.5 to 2.5	Pass
					3.85	-23.818	-0.0125	-2.5 to 2.5	Pass
					4.40	-35.563	-0.0186	-2.5 to 2.5	Pass
				-30	3.85	-31.443	-0.0165	-2.5 to 2.5	Pass
				-20	3.85	-36.192	-0.0190	-2.5 to 2.5	Pass
				-10	3.85	-26.250	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-34.375	-0.0180	-2.5 to 2.5	Pass
				10	3.85	-30.112	-0.0158	-2.5 to 2.5	Pass
				30	3.85	-24.862	-0.0130	-2.5 to 2.5	Pass
				40	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-22.144	-0.0116	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.4	-46.391	-0.0251	-2.5 to 2.5	Pass
					3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
					4.40	-1.488	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-11.473	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-13.189	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-10.915	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-10.285	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-10.486	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-9.699	-0.0052	-2.5 to 2.5	Pass
	1880	6	0	20	3.4	-45.433	-0.0242	-2.5 to 2.5	Pass
					3.85	-4.849	-0.0026	-2.5 to 2.5	Pass
					4.40	-19.097	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-27.537	-0.0146	-2.5 to 2.5	Pass
				-20	3.85	-34.547	-0.0184	-2.5 to 2.5	Pass

				-10	3.85	-49.124	-0.0261	-2.5 to 2.5	Pass
				0	3.85	-23.603	-0.0126	-2.5 to 2.5	Pass
				10	3.85	-29.969	-0.0159	-2.5 to 2.5	Pass
				30	3.85	-37.322	-0.0199	-2.5 to 2.5	Pass
				40	3.85	-44.303	-0.0236	-2.5 to 2.5	Pass
				50	3.85	13.218	0.0070	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.4	-38.338	-0.0201	-2.5 to 2.5	Pass
					3.85	-12.960	-0.0068	-2.5 to 2.5	Pass
					4.40	-20.900	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-31.543	-0.0165	-2.5 to 2.5	Pass
				-20	3.85	-42.958	-0.0225	-2.5 to 2.5	Pass
				-10	3.85	-12.732	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-33.417	-0.0175	-2.5 to 2.5	Pass
				10	3.85	-27.008	-0.0141	-2.5 to 2.5	Pass
				30	3.85	5.994	0.0031	-2.5 to 2.5	Pass
				40	3.85	-14.076	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-28.095	-0.0147	-2.5 to 2.5	Pass

1.2 B2_3MHz

1.2.1 Test Result

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.4	-26.865	-0.0145	-2.5 to 2.5	Pass
					3.85	-18.311	-0.0099	-2.5 to 2.5	Pass
					4.40	-20.127	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-42.701	-0.0231	-2.5 to 2.5	Pass
				-20	3.85	-10.085	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-18.768	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-36.249	-0.0196	-2.5 to 2.5	Pass
				10	3.85	-34.046	-0.0184	-2.5 to 2.5	Pass
				30	3.85	-15.035	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-32.887	-0.0178	-2.5 to 2.5	Pass
				50	3.85	-24.805	-0.0134	-2.5 to 2.5	Pass
	1880	15	0	20	3.4	14.105	0.0075	-2.5 to 2.5	Pass
					3.85	8.240	0.0044	-2.5 to 2.5	Pass
					4.40	-12.546	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-44.861	-0.0239	-2.5 to 2.5	Pass
				-20	3.85	-18.525	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-37.179	-0.0198	-2.5 to 2.5	Pass
				0	3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-19.155	-0.0102	-2.5 to 2.5	Pass
				30	3.85	-32.129	-0.0171	-2.5 to 2.5	Pass
				40	3.85	-43.502	-0.0231	-2.5 to 2.5	Pass
				50	3.85	-7.424	-0.0039	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.4	-33.631	-0.0176	-2.5 to 2.5	Pass
					3.85	-40.426	-0.0212	-2.5 to 2.5	Pass
					4.40	-28.567	-0.0150	-2.5 to 2.5	Pass
				-30	3.85	-27.680	-0.0145	-2.5 to 2.5	Pass
				-20	3.85	-44.703	-0.0234	-2.5 to 2.5	Pass
				-10	3.85	-36.192	-0.0190	-2.5 to 2.5	Pass
				0	3.85	-28.582	-0.0150	-2.5 to 2.5	Pass
				10	3.85	-23.274	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-45.033	-0.0236	-2.5 to 2.5	Pass
				40	3.85	-31.600	-0.0166	-2.5 to 2.5	Pass

				50	3.85	-36.778	-0.0193	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.4	-41.671	-0.0225	-2.5 to 2.5	Pass
					3.85	-13.447	-0.0073	-2.5 to 2.5	Pass
					4.40	-39.082	-0.0211	-2.5 to 2.5	Pass
				-30	3.85	-26.479	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-8.769	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-31.571	-0.0171	-2.5 to 2.5	Pass
				0	3.85	-50.111	-0.0271	-2.5 to 2.5	Pass
				10	3.85	-18.268	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-32.444	-0.0175	-2.5 to 2.5	Pass
				40	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-12.360	-0.0067	-2.5 to 2.5	Pass
	1880	15	0	20	3.4	-19.469	-0.0104	-2.5 to 2.5	Pass
					3.85	-23.761	-0.0126	-2.5 to 2.5	Pass
					4.40	-19.784	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-16.208	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-16.165	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-15.836	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-16.851	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-17.595	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-19.026	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-21.858	-0.0116	-2.5 to 2.5	Pass
				50	3.85	-24.176	-0.0129	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.4	-35.234	-0.0185	-2.5 to 2.5	Pass
					3.85	-15.020	-0.0079	-2.5 to 2.5	Pass
					4.40	-31.772	-0.0166	-2.5 to 2.5	Pass
				-30	3.85	-44.103	-0.0231	-2.5 to 2.5	Pass
				-20	3.85	-9.785	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-19.326	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-33.875	-0.0177	-2.5 to 2.5	Pass
				10	3.85	4.492	0.0024	-2.5 to 2.5	Pass
				30	3.85	-4.749	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-17.066	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-28.310	-0.0148	-2.5 to 2.5	Pass

1.3 B2_5MHz

1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.4	28.610	0.0154	-2.5 to 2.5	Pass
					3.85	45.004	0.0243	-2.5 to 2.5	Pass
					4.40	15.435	0.0083	-2.5 to 2.5	Pass
				-30	3.85	-17.509	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-6.709	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-21.915	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-41.485	-0.0224	-2.5 to 2.5	Pass
				10	3.85	-23.646	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-36.678	-0.0198	-2.5 to 2.5	Pass
				40	3.85	5.279	0.0028	-2.5 to 2.5	Pass
				50	3.85	-9.341	-0.0050	-2.5 to 2.5	Pass
	1880	25	0	20	3.4	10.915	0.0058	-2.5 to 2.5	Pass
					3.85	30.112	0.0160	-2.5 to 2.5	Pass
					4.40	27.909	0.0148	-2.5 to 2.5	Pass
				-30	3.85	18.826	0.0100	-2.5 to 2.5	Pass

				-20	3.85	11.630	0.0062	-2.5 to 2.5	Pass
				-10	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-14.663	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-20.514	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-23.017	-0.0122	-2.5 to 2.5	Pass
				50	3.85	-26.779	-0.0142	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.4	11.973	0.0063	-2.5 to 2.5	Pass
					3.85	0.544	0.0003	-2.5 to 2.5	Pass
					4.40	-44.889	-0.0235	-2.5 to 2.5	Pass
				-30	3.85	-34.432	-0.0181	-2.5 to 2.5	Pass
				-20	3.85	-40.455	-0.0212	-2.5 to 2.5	Pass
				-10	3.85	-31.500	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-35.706	-0.0187	-2.5 to 2.5	Pass
				30	3.85	-8.984	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-27.308	-0.0143	-2.5 to 2.5	Pass
				50	3.85	-45.648	-0.0239	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.4	-20.728	-0.0112	-2.5 to 2.5	Pass
					3.85	-25.434	-0.0137	-2.5 to 2.5	Pass
					4.40	-18.497	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-14.548	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-8.984	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-6.580	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-6.623	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-19.884	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-26.279	-0.0142	-2.5 to 2.5	Pass
				50	3.85	-26.021	-0.0140	-2.5 to 2.5	Pass
	1880	25	0	20	3.4	-30.112	-0.0160	-2.5 to 2.5	Pass
					3.85	-27.952	-0.0149	-2.5 to 2.5	Pass
					4.40	-17.424	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-9.441	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	6.680	0.0036	-2.5 to 2.5	Pass
				0	3.85	11.129	0.0059	-2.5 to 2.5	Pass
				10	3.85	13.905	0.0074	-2.5 to 2.5	Pass
				30	3.85	16.150	0.0086	-2.5 to 2.5	Pass
				40	3.85	20.928	0.0111	-2.5 to 2.5	Pass
				50	3.85	21.672	0.0115	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.4	-19.956	-0.0105	-2.5 to 2.5	Pass
					3.85	-22.802	-0.0120	-2.5 to 2.5	Pass
					4.40	-16.193	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-18.711	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-23.532	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-21.415	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-20.399	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-19.155	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-19.555	-0.0103	-2.5 to 2.5	Pass
				40	3.85	-19.555	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-20.885	-0.0109	-2.5 to 2.5	Pass

1.4 B2_10MHz

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.4	23.603	0.0127	-2.5 to 2.5	Pass
					3.85	28.453	0.0153	-2.5 to 2.5	Pass
					4.40	-0.744	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-24.734	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-9.670	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-21.114	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-32.601	-0.0176	-2.5 to 2.5	Pass
				10	3.85	-42.915	-0.0231	-2.5 to 2.5	Pass
				30	3.85	-4.034	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-13.003	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-19.627	-0.0106	-2.5 to 2.5	Pass
	1880	50	0	20	3.4	22.831	0.0121	-2.5 to 2.5	Pass
					3.85	30.041	0.0160	-2.5 to 2.5	Pass
					4.40	20.742	0.0110	-2.5 to 2.5	Pass
				-30	3.85	19.197	0.0102	-2.5 to 2.5	Pass
				-20	3.85	15.678	0.0083	-2.5 to 2.5	Pass
				-10	3.85	13.618	0.0072	-2.5 to 2.5	Pass
				0	3.85	15.578	0.0083	-2.5 to 2.5	Pass
				10	3.85	14.005	0.0074	-2.5 to 2.5	Pass
				30	3.85	9.084	0.0048	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				50	3.85	3.219	0.0017	-2.5 to 2.5	Pass
	1905	50	0	20	3.4	27.609	0.0145	-2.5 to 2.5	Pass
					3.85	-25.864	-0.0136	-2.5 to 2.5	Pass
					4.40	-9.627	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-35.577	-0.0187	-2.5 to 2.5	Pass
				-20	3.85	-37.436	-0.0197	-2.5 to 2.5	Pass
				-10	3.85	-15.550	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-25.578	-0.0134	-2.5 to 2.5	Pass
				10	3.85	-23.546	-0.0124	-2.5 to 2.5	Pass
				30	3.85	-17.109	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-33.288	-0.0175	-2.5 to 2.5	Pass
				50	3.85	-19.426	-0.0102	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.4	-27.180	-0.0147	-2.5 to 2.5	Pass
					3.85	-17.753	-0.0096	-2.5 to 2.5	Pass
					4.40	0.272	0.0001	-2.5 to 2.5	Pass
				-30	3.85	12.932	0.0070	-2.5 to 2.5	Pass
				-20	3.85	21.858	0.0118	-2.5 to 2.5	Pass
				-10	3.85	22.702	0.0122	-2.5 to 2.5	Pass
				0	3.85	25.492	0.0137	-2.5 to 2.5	Pass
				10	3.85	30.670	0.0165	-2.5 to 2.5	Pass
				30	3.85	32.573	0.0176	-2.5 to 2.5	Pass
				40	3.85	38.738	0.0209	-2.5 to 2.5	Pass
				50	3.85	38.295	0.0206	-2.5 to 2.5	Pass
	1880	50	0	20	3.4	0.386	0.0002	-2.5 to 2.5	Pass
					3.85	11.573	0.0062	-2.5 to 2.5	Pass
					4.40	28.768	0.0153	-2.5 to 2.5	Pass
				-30	3.85	41.900	0.0223	-2.5 to 2.5	Pass
				-20	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				-10	3.85	9.985	0.0053	-2.5 to 2.5	Pass
				0	3.85	18.539	0.0099	-2.5 to 2.5	Pass
				10	3.85	23.646	0.0126	-2.5 to 2.5	Pass
				30	3.85	28.896	0.0154	-2.5 to 2.5	Pass
				40	3.85	34.361	0.0183	-2.5 to 2.5	Pass
				50	3.85	37.136	0.0198	-2.5 to 2.5	Pass
	1905	50	0	20	3.4	-36.893	-0.0194	-2.5 to 2.5	Pass
					3.85	-38.681	-0.0203	-2.5 to 2.5	Pass

					4.40	-31.257	-0.0164	-2.5 to 2.5	Pass
				-30	3.85	-27.323	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-24.304	-0.0128	-2.5 to 2.5	Pass
				-10	3.85	-26.178	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-29.755	-0.0156	-2.5 to 2.5	Pass
				10	3.85	-33.188	-0.0174	-2.5 to 2.5	Pass
				30	3.85	-35.005	-0.0184	-2.5 to 2.5	Pass
				40	3.85	-37.522	-0.0197	-2.5 to 2.5	Pass
				50	3.85	-39.797	-0.0209	-2.5 to 2.5	Pass

1.5 B2_15MHz

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.4	20.928	0.0113	-2.5 to 2.5	Pass
					3.85	25.663	0.0138	-2.5 to 2.5	Pass
					4.40	5.364	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-10.257	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-24.204	-0.0130	-2.5 to 2.5	Pass
				-10	3.85	-33.960	-0.0183	-2.5 to 2.5	Pass
				0	3.85	-43.716	-0.0235	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-12.474	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-19.827	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-24.362	-0.0131	-2.5 to 2.5	Pass
	1880	75	0	20	3.4	20.127	0.0107	-2.5 to 2.5	Pass
					3.85	33.960	0.0181	-2.5 to 2.5	Pass
					4.40	34.704	0.0185	-2.5 to 2.5	Pass
				-30	3.85	35.319	0.0188	-2.5 to 2.5	Pass
				-20	3.85	39.096	0.0208	-2.5 to 2.5	Pass
				-10	3.85	41.842	0.0223	-2.5 to 2.5	Pass
				0	3.85	42.114	0.0224	-2.5 to 2.5	Pass
				10	3.85	6.309	0.0034	-2.5 to 2.5	Pass
				30	3.85	8.068	0.0043	-2.5 to 2.5	Pass
				40	3.85	9.613	0.0051	-2.5 to 2.5	Pass
				50	3.85	11.644	0.0062	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.4	40.140	0.0211	-2.5 to 2.5	Pass
					3.85	-26.293	-0.0138	-2.5 to 2.5	Pass
					4.40	-17.867	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-26.937	-0.0142	-2.5 to 2.5	Pass
				-20	3.85	-14.706	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-32.716	-0.0172	-2.5 to 2.5	Pass
				0	3.85	-11.187	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-34.175	-0.0180	-2.5 to 2.5	Pass
				30	3.85	-15.693	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-18.911	-0.0099	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.4	-27.080	-0.0146	-2.5 to 2.5	Pass
					3.85	-10.886	-0.0059	-2.5 to 2.5	Pass
					4.40	7.839	0.0042	-2.5 to 2.5	Pass
				-30	3.85	23.375	0.0126	-2.5 to 2.5	Pass
				-20	3.85	32.930	0.0177	-2.5 to 2.5	Pass
				-10	3.85	28.825	0.0155	-2.5 to 2.5	Pass
				0	3.85	36.564	0.0197	-2.5 to 2.5	Pass

				10	3.85	42.286	0.0228	-2.5 to 2.5	Pass
				30	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				40	3.85	5.050	0.0027	-2.5 to 2.5	Pass
				50	3.85	9.785	0.0053	-2.5 to 2.5	Pass
	1880	75	0	20	3.4	12.388	0.0066	-2.5 to 2.5	Pass
					3.85	28.968	0.0154	-2.5 to 2.5	Pass
					4.40	11.458	0.0061	-2.5 to 2.5	Pass
				-30	3.85	25.249	0.0134	-2.5 to 2.5	Pass
				-20	3.85	37.093	0.0197	-2.5 to 2.5	Pass
				-10	3.85	42.644	0.0227	-2.5 to 2.5	Pass
				0	3.85	51.599	0.0274	-2.5 to 2.5	Pass
				10	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				30	3.85	4.907	0.0026	-2.5 to 2.5	Pass
				40	3.85	9.685	0.0052	-2.5 to 2.5	Pass
				50	3.85	16.580	0.0088	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.4	-40.698	-0.0214	-2.5 to 2.5	Pass
					3.85	-39.196	-0.0206	-2.5 to 2.5	Pass
					4.40	-29.626	-0.0156	-2.5 to 2.5	Pass
				-30	3.85	-24.018	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	-21.729	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-21.915	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-24.805	-0.0130	-2.5 to 2.5	Pass
				10	3.85	-22.631	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-24.962	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-25.034	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-28.095	-0.0148	-2.5 to 2.5	Pass

1.6 B2_20MHz

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.4	18.997	0.0102	-2.5 to 2.5	Pass
					3.85	19.341	0.0104	-2.5 to 2.5	Pass
					4.40	-8.655	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-27.108	-0.0146	-2.5 to 2.5	Pass
				-20	3.85	-43.087	-0.0232	-2.5 to 2.5	Pass
				-10	3.85	-33.345	-0.0179	-2.5 to 2.5	Pass
				0	3.85	-15.807	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-32.616	-0.0175	-2.5 to 2.5	Pass
				30	3.85	-37.823	-0.0203	-2.5 to 2.5	Pass
				40	3.85	-42.830	-0.0230	-2.5 to 2.5	Pass
				50	3.85	-43.731	-0.0235	-2.5 to 2.5	Pass
	1880	100	0	20	3.4	32.544	0.0173	-2.5 to 2.5	Pass
					3.85	-5.994	-0.0032	-2.5 to 2.5	Pass
					4.40	-15.306	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-17.223	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-14.176	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-13.161	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-14.091	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-11.473	-0.0061	-2.5 to 2.5	Pass
				30	3.85	-24.776	-0.0132	-2.5 to 2.5	Pass
				40	3.85	-23.618	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-22.187	-0.0118	-2.5 to 2.5	Pass
	1900	100	0	20	3.4	41.800	0.0220	-2.5 to 2.5	Pass

					3.85	-26.321	-0.0139	-2.5 to 2.5	Pass
					4.40	-28.582	-0.0150	-2.5 to 2.5	Pass
				-30	3.85	-16.165	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-28.667	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-11.745	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-40.426	-0.0213	-2.5 to 2.5	Pass
				10	3.85	-24.004	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-47.722	-0.0251	-2.5 to 2.5	Pass
				40	3.85	-31.500	-0.0166	-2.5 to 2.5	Pass
				50	3.85	-6.795	-0.0036	-2.5 to 2.5	Pass
16QAM	1860	100	0		3.4	-47.965	-0.0258	-2.5 to 2.5	Pass
				20	3.85	-27.981	-0.0150	-2.5 to 2.5	Pass
					4.40	-7.410	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	10.686	0.0057	-2.5 to 2.5	Pass
				-20	3.85	26.736	0.0144	-2.5 to 2.5	Pass
				-10	3.85	37.079	0.0199	-2.5 to 2.5	Pass
				0	3.85	4.964	0.0027	-2.5 to 2.5	Pass
				10	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				30	3.85	6.552	0.0035	-2.5 to 2.5	Pass
				40	3.85	9.613	0.0052	-2.5 to 2.5	Pass
				50	3.85	14.448	0.0078	-2.5 to 2.5	Pass
	1880	100	0		3.4	-19.155	-0.0102	-2.5 to 2.5	Pass
				20	3.85	6.080	0.0032	-2.5 to 2.5	Pass
					4.40	32.902	0.0175	-2.5 to 2.5	Pass
				-30	3.85	44.160	0.0235	-2.5 to 2.5	Pass
				-20	3.85	9.055	0.0048	-2.5 to 2.5	Pass
				-10	3.85	23.589	0.0125	-2.5 to 2.5	Pass
				0	3.85	35.620	0.0189	-2.5 to 2.5	Pass
				10	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
				30	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				40	3.85	11.172	0.0059	-2.5 to 2.5	Pass
				50	3.85	18.067	0.0096	-2.5 to 2.5	Pass
	1900	100	0		3.4	-22.717	-0.0120	-2.5 to 2.5	Pass
				20	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
					4.40	12.031	0.0063	-2.5 to 2.5	Pass
				-30	3.85	24.118	0.0127	-2.5 to 2.5	Pass
				-20	3.85	26.436	0.0139	-2.5 to 2.5	Pass
				-10	3.85	30.727	0.0162	-2.5 to 2.5	Pass
				0	3.85	33.789	0.0178	-2.5 to 2.5	Pass
				10	3.85	37.079	0.0195	-2.5 to 2.5	Pass
				30	3.85	37.036	0.0195	-2.5 to 2.5	Pass
				40	3.85	39.668	0.0209	-2.5 to 2.5	Pass
				50	3.85	37.594	0.0198	-2.5 to 2.5	Pass

2. Frequency Stability

2.1 B38_5MHz

2.1.1 Test Result

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2572.5	25	0	20	3.4	44.675	0.0174	-2.5 to 2.5	Pass
					3.85	0.987	0.0004	-2.5 to 2.5	Pass
					4.40	-6.065	-0.0024	-2.5 to 2.5	Pass

				-30	3.85	-23.403	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-31.714	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-24.791	-0.0096	-2.5 to 2.5	Pass
				10	3.85	13.204	0.0051	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-23.575	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-36.592	-0.0142	-2.5 to 2.5	Pass
	2595	25	0	20	3.4	12.431	0.0048	-2.5 to 2.5	Pass
					3.85	39.868	0.0154	-2.5 to 2.5	Pass
					4.40	22.101	0.0085	-2.5 to 2.5	Pass
				-30	3.85	30.012	0.0116	-2.5 to 2.5	Pass
				-20	3.85	36.006	0.0139	-2.5 to 2.5	Pass
				-10	3.85	16.065	0.0062	-2.5 to 2.5	Pass
				0	3.85	19.999	0.0077	-2.5 to 2.5	Pass
				10	3.85	29.783	0.0115	-2.5 to 2.5	Pass
				30	3.85	50.411	0.0194	-2.5 to 2.5	Pass
				40	3.85	21.029	0.0081	-2.5 to 2.5	Pass
				50	3.85	13.490	0.0052	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.4	26.550	0.0101	-2.5 to 2.5	Pass
					3.85	38.309	0.0146	-2.5 to 2.5	Pass
					4.40	9.770	0.0037	-2.5 to 2.5	Pass
				-30	3.85	44.589	0.0170	-2.5 to 2.5	Pass
				-20	3.85	11.373	0.0043	-2.5 to 2.5	Pass
				-10	3.85	31.471	0.0120	-2.5 to 2.5	Pass
				0	3.85	17.538	0.0067	-2.5 to 2.5	Pass
				10	3.85	43.559	0.0166	-2.5 to 2.5	Pass
				30	3.85	6.981	0.0027	-2.5 to 2.5	Pass
				40	3.85	33.388	0.0128	-2.5 to 2.5	Pass
				50	3.85	42.858	0.0164	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.4	-45.819	-0.0178	-2.5 to 2.5	Pass
					3.85	-40.154	-0.0156	-2.5 to 2.5	Pass
					4.40	-20.256	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	11.745	0.0046	-2.5 to 2.5	Pass
				-10	3.85	25.706	0.0100	-2.5 to 2.5	Pass
				0	3.85	35.534	0.0138	-2.5 to 2.5	Pass
				10	3.85	42.186	0.0164	-2.5 to 2.5	Pass
				30	3.85	-7.668	-0.0030	-2.5 to 2.5	Pass
				40	3.85	1.316	0.0005	-2.5 to 2.5	Pass
				50	3.85	11.387	0.0044	-2.5 to 2.5	Pass
	2595	25	0	20	3.4	21.644	0.0083	-2.5 to 2.5	Pass
					3.85	4.835	0.0019	-2.5 to 2.5	Pass
					4.40	12.875	0.0050	-2.5 to 2.5	Pass
				-30	3.85	27.466	0.0106	-2.5 to 2.5	Pass
				-20	3.85	9.685	0.0037	-2.5 to 2.5	Pass
				-10	3.85	19.627	0.0076	-2.5 to 2.5	Pass
				0	3.85	27.909	0.0108	-2.5 to 2.5	Pass
				10	3.85	36.035	0.0139	-2.5 to 2.5	Pass
				30	3.85	46.206	0.0178	-2.5 to 2.5	Pass
				40	3.85	-1.774	-0.0007	-2.5 to 2.5	Pass
				50	3.85	13.232	0.0051	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.4	10.386	0.0040	-2.5 to 2.5	Pass
					3.85	15.507	0.0059	-2.5 to 2.5	Pass
					4.40	45.147	0.0172	-2.5 to 2.5	Pass
				-30	3.85	20.857	0.0080	-2.5 to 2.5	Pass
				-20	3.85	42.114	0.0161	-2.5 to 2.5	Pass
				-10	3.85	12.403	0.0047	-2.5 to 2.5	Pass
				0	3.85	41.771	0.0160	-2.5 to 2.5	Pass

				10	3.85	23.704	0.0091	-2.5 to 2.5	Pass
				30	3.85	48.394	0.0185	-2.5 to 2.5	Pass
				40	3.85	5.164	0.0020	-2.5 to 2.5	Pass
				50	3.85	26.207	0.0100	-2.5 to 2.5	Pass

2.2 B38_10MHz

2.2.1 Test Result

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2575	50	0	20	3.4	32.716	0.0127	-2.5 to 2.5	Pass
					3.85	-39.010	-0.0151	-2.5 to 2.5	Pass
					4.40	-28.796	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-52.071	-0.0202	-2.5 to 2.5	Pass
				-20	3.85	-10.185	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-42.558	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-43.931	-0.0171	-2.5 to 2.5	Pass
				10	3.85	-34.089	-0.0132	-2.5 to 2.5	Pass
				30	3.85	-3.362	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-20.342	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-35.191	-0.0137	-2.5 to 2.5	Pass
	2595	50	0	20	3.4	16.365	0.0063	-2.5 to 2.5	Pass
					3.85	38.481	0.0148	-2.5 to 2.5	Pass
					4.40	0.830	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-7.210	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	10.629	0.0041	-2.5 to 2.5	Pass
				-10	3.85	12.245	0.0047	-2.5 to 2.5	Pass
				0	3.85	19.155	0.0074	-2.5 to 2.5	Pass
				10	3.85	9.127	0.0035	-2.5 to 2.5	Pass
				30	3.85	16.537	0.0064	-2.5 to 2.5	Pass
				40	3.85	32.129	0.0124	-2.5 to 2.5	Pass
				50	3.85	40.183	0.0155	-2.5 to 2.5	Pass
	2615	50	0	20	3.4	38.810	0.0148	-2.5 to 2.5	Pass
					3.85	4.478	0.0017	-2.5 to 2.5	Pass
					4.40	6.194	0.0024	-2.5 to 2.5	Pass
				-30	3.85	42.386	0.0162	-2.5 to 2.5	Pass
				-20	3.85	21.071	0.0081	-2.5 to 2.5	Pass
				-10	3.85	39.124	0.0150	-2.5 to 2.5	Pass
				0	3.85	22.573	0.0086	-2.5 to 2.5	Pass
				10	3.85	41.971	0.0161	-2.5 to 2.5	Pass
				30	3.85	11.516	0.0044	-2.5 to 2.5	Pass
				40	3.85	33.445	0.0128	-2.5 to 2.5	Pass
				50	3.85	32.115	0.0123	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.4	-41.656	-0.0162	-2.5 to 2.5	Pass
					3.85	-21.229	-0.0082	-2.5 to 2.5	Pass
					4.40	-7.653	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-5.322	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	14.734	0.0057	-2.5 to 2.5	Pass
				-10	3.85	5.851	0.0023	-2.5 to 2.5	Pass
				0	3.85	30.327	0.0118	-2.5 to 2.5	Pass
				10	3.85	39.639	0.0154	-2.5 to 2.5	Pass
				30	3.85	19.441	0.0075	-2.5 to 2.5	Pass
				40	3.85	-16.022	-0.0062	-2.5 to 2.5	Pass
				50	3.85	6.166	0.0024	-2.5 to 2.5	Pass
	2595	50	0	20	3.4	45.919	0.0177	-2.5 to 2.5	Pass

					3.85	-1.788	-0.0007	-2.5 to 2.5	Pass
					4.40	40.684	0.0157	-2.5 to 2.5	Pass
				-30	3.85	24.734	0.0095	-2.5 to 2.5	Pass
				-20	3.85	23.232	0.0090	-2.5 to 2.5	Pass
				-10	3.85	37.165	0.0143	-2.5 to 2.5	Pass
				0	3.85	39.968	0.0154	-2.5 to 2.5	Pass
				10	3.85	-13.189	-0.0051	-2.5 to 2.5	Pass
				30	3.85	17.080	0.0066	-2.5 to 2.5	Pass
				40	3.85	31.271	0.0121	-2.5 to 2.5	Pass
				50	3.85	37.222	0.0143	-2.5 to 2.5	Pass
	2615	50	0	20	3.4	16.451	0.0063	-2.5 to 2.5	Pass
					3.85	40.312	0.0154	-2.5 to 2.5	Pass
					4.40	14.434	0.0055	-2.5 to 2.5	Pass
				-30	3.85	35.076	0.0134	-2.5 to 2.5	Pass
				-20	3.85	29.097	0.0111	-2.5 to 2.5	Pass
				-10	3.85	-8.712	-0.0033	-2.5 to 2.5	Pass
				0	3.85	13.046	0.0050	-2.5 to 2.5	Pass
				10	3.85	19.155	0.0073	-2.5 to 2.5	Pass
				30	3.85	29.612	0.0113	-2.5 to 2.5	Pass
				40	3.85	28.667	0.0110	-2.5 to 2.5	Pass
				50	3.85	11.787	0.0045	-2.5 to 2.5	Pass

2.3 B38_15MHz

2.3.1 Test Result

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2577.5	75	0	20	3.4	29.082	0.0113	-2.5 to 2.5	Pass
					3.85	-20.328	-0.0079	-2.5 to 2.5	Pass
					4.40	-27.609	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-23.890	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-45.147	-0.0175	-2.5 to 2.5	Pass
				-10	3.85	-31.915	-0.0124	-2.5 to 2.5	Pass
				0	3.85	-27.280	-0.0106	-2.5 to 2.5	Pass
				10	3.85	-55.733	-0.0216	-2.5 to 2.5	Pass
				30	3.85	-16.623	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-35.048	-0.0136	-2.5 to 2.5	Pass
				50	3.85	-51.298	-0.0199	-2.5 to 2.5	Pass
	2595	75	0	20	3.4	33.031	0.0127	-2.5 to 2.5	Pass
					3.85	11.458	0.0044	-2.5 to 2.5	Pass
					4.40	15.249	0.0059	-2.5 to 2.5	Pass
				-30	3.85	15.764	0.0061	-2.5 to 2.5	Pass
				-20	3.85	1.860	0.0007	-2.5 to 2.5	Pass
				-10	3.85	5.221	0.0020	-2.5 to 2.5	Pass
				0	3.85	17.281	0.0067	-2.5 to 2.5	Pass
				10	3.85	13.118	0.0051	-2.5 to 2.5	Pass
				30	3.85	17.753	0.0068	-2.5 to 2.5	Pass
				40	3.85	10.214	0.0039	-2.5 to 2.5	Pass
				50	3.85	24.276	0.0094	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.4	13.289	0.0051	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass
					4.40	29.368	0.0112	-2.5 to 2.5	Pass
				-30	3.85	18.425	0.0071	-2.5 to 2.5	Pass
				-20	3.85	37.651	0.0144	-2.5 to 2.5	Pass
				-10	3.85	-1.945	-0.0007	-2.5 to 2.5	Pass

				0	3.85	15.793	0.0060	-2.5 to 2.5	Pass
				10	3.85	31.157	0.0119	-2.5 to 2.5	Pass
				30	3.85	34.475	0.0132	-2.5 to 2.5	Pass
				40	3.85	-7.195	-0.0028	-2.5 to 2.5	Pass
				50	3.85	16.737	0.0064	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.4	-3.791	-0.0015	-2.5 to 2.5	Pass
					3.85	5.865	0.0023	-2.5 to 2.5	Pass
					4.40	20.499	0.0080	-2.5 to 2.5	Pass
				-30	3.85	21.801	0.0085	-2.5 to 2.5	Pass
				-20	3.85	35.191	0.0137	-2.5 to 2.5	Pass
				-10	3.85	-4.535	-0.0018	-2.5 to 2.5	Pass
				0	3.85	8.998	0.0035	-2.5 to 2.5	Pass
				10	3.85	15.821	0.0061	-2.5 to 2.5	Pass
				30	3.85	6.752	0.0026	-2.5 to 2.5	Pass
				40	3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
				50	3.85	5.951	0.0023	-2.5 to 2.5	Pass
	2595	75	0	20	3.4	17.524	0.0068	-2.5 to 2.5	Pass
					3.85	19.312	0.0074	-2.5 to 2.5	Pass
					4.40	31.872	0.0123	-2.5 to 2.5	Pass
				-30	3.85	14.234	0.0055	-2.5 to 2.5	Pass
				-20	3.85	28.567	0.0110	-2.5 to 2.5	Pass
				-10	3.85	-4.220	-0.0016	-2.5 to 2.5	Pass
				0	3.85	2.761	0.0011	-2.5 to 2.5	Pass
				10	3.85	13.704	0.0053	-2.5 to 2.5	Pass
				30	3.85	24.233	0.0093	-2.5 to 2.5	Pass
				40	3.85	27.909	0.0108	-2.5 to 2.5	Pass
				50	3.85	37.794	0.0146	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.4	24.776	0.0095	-2.5 to 2.5	Pass
					3.85	21.844	0.0084	-2.5 to 2.5	Pass
					4.40	8.883	0.0034	-2.5 to 2.5	Pass
				-30	3.85	20.456	0.0078	-2.5 to 2.5	Pass
				-20	3.85	23.074	0.0088	-2.5 to 2.5	Pass
				-10	3.85	42.071	0.0161	-2.5 to 2.5	Pass
				0	3.85	20.471	0.0078	-2.5 to 2.5	Pass
				10	3.85	31.171	0.0119	-2.5 to 2.5	Pass
				30	3.85	-4.907	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-11.644	-0.0045	-2.5 to 2.5	Pass
				50	3.85	17.581	0.0067	-2.5 to 2.5	Pass

2.4 B38_20MHz

2.4.1 Test Result

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.4	5.751	0.0022	-2.5 to 2.5	Pass
					3.85	-16.952	-0.0066	-2.5 to 2.5	Pass
					4.40	-28.267	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-9.255	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-21.944	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-6.852	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-36.521	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-13.032	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-10.457	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-28.653	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-41.785	-0.0162	-2.5 to 2.5	Pass

	2595	100	0	20	3.4	6.738	0.0026	-2.5 to 2.5	Pass
					3.85	35.448	0.0137	-2.5 to 2.5	Pass
					4.40	44.031	0.0170	-2.5 to 2.5	Pass
				-30	3.85	32.187	0.0124	-2.5 to 2.5	Pass
				-20	3.85	27.065	0.0104	-2.5 to 2.5	Pass
				-10	3.85	38.610	0.0149	-2.5 to 2.5	Pass
				0	3.85	39.582	0.0153	-2.5 to 2.5	Pass
				10	3.85	34.432	0.0133	-2.5 to 2.5	Pass
				30	3.85	37.122	0.0143	-2.5 to 2.5	Pass
				40	3.85	16.336	0.0063	-2.5 to 2.5	Pass
				50	3.85	7.510	0.0029	-2.5 to 2.5	Pass
	2610	100	0	20	3.4	26.894	0.0103	-2.5 to 2.5	Pass
					3.85	35.062	0.0134	-2.5 to 2.5	Pass
					4.40	46.120	0.0177	-2.5 to 2.5	Pass
				-30	3.85	2.232	0.0009	-2.5 to 2.5	Pass
				-20	3.85	24.147	0.0093	-2.5 to 2.5	Pass
				-10	3.85	38.910	0.0149	-2.5 to 2.5	Pass
				0	3.85	4.907	0.0019	-2.5 to 2.5	Pass
				10	3.85	18.911	0.0072	-2.5 to 2.5	Pass
				30	3.85	34.146	0.0131	-2.5 to 2.5	Pass
				40	3.85	39.454	0.0151	-2.5 to 2.5	Pass
				50	3.85	19.798	0.0076	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.4	-8.669	-0.0034	-2.5 to 2.5	Pass
					3.85	15.535	0.0060	-2.5 to 2.5	Pass
					4.40	44.088	0.0171	-2.5 to 2.5	Pass
				-30	3.85	13.576	0.0053	-2.5 to 2.5	Pass
				-20	3.85	27.080	0.0105	-2.5 to 2.5	Pass
				-10	3.85	37.279	0.0144	-2.5 to 2.5	Pass
				0	3.85	41.342	0.0160	-2.5 to 2.5	Pass
				10	3.85	1.488	0.0006	-2.5 to 2.5	Pass
				30	3.85	-23.017	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-14.677	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-7.567	-0.0029	-2.5 to 2.5	Pass
	2595	100	0	20	3.4	22.259	0.0086	-2.5 to 2.5	Pass
					3.85	37.208	0.0143	-2.5 to 2.5	Pass
					4.40	35.648	0.0137	-2.5 to 2.5	Pass
				-30	3.85	-0.873	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	24.190	0.0093	-2.5 to 2.5	Pass
				-10	3.85	28.739	0.0111	-2.5 to 2.5	Pass
				0	3.85	48.037	0.0185	-2.5 to 2.5	Pass
				10	3.85	16.294	0.0063	-2.5 to 2.5	Pass
				30	3.85	23.103	0.0089	-2.5 to 2.5	Pass
				40	3.85	35.992	0.0139	-2.5 to 2.5	Pass
				50	3.85	20.041	0.0077	-2.5 to 2.5	Pass
	2610	100	0	20	3.4	22.559	0.0086	-2.5 to 2.5	Pass
					3.85	35.806	0.0137	-2.5 to 2.5	Pass
					4.40	9.370	0.0036	-2.5 to 2.5	Pass
				-30	3.85	33.603	0.0129	-2.5 to 2.5	Pass
				-20	3.85	3.104	0.0012	-2.5 to 2.5	Pass
				-10	3.85	30.384	0.0116	-2.5 to 2.5	Pass
				0	3.85	36.435	0.0140	-2.5 to 2.5	Pass
				10	3.85	35.305	0.0135	-2.5 to 2.5	Pass
				30	3.85	-1.731	-0.0007	-2.5 to 2.5	Pass
				40	3.85	15.492	0.0059	-2.5 to 2.5	Pass
				50	3.85	24.433	0.0094	-2.5 to 2.5	Pass

3. Frequency Stability

3.1 B4_1.4MHz

3.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.4	-25.706	-0.0150	-2.5 to 2.5	Pass
					3.85	-28.381	-0.0166	-2.5 to 2.5	Pass
					4.40	-19.012	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-22.759	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-37.494	-0.0219	-2.5 to 2.5	Pass
				-10	3.85	-18.969	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-14.663	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-10.185	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-35.205	-0.0206	-2.5 to 2.5	Pass
				40	3.85	-39.253	-0.0229	-2.5 to 2.5	Pass
				50	3.85	-18.969	-0.0111	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	22.402	0.0129	-2.5 to 2.5	Pass
					3.85	16.079	0.0093	-2.5 to 2.5	Pass
					4.40	-26.979	-0.0156	-2.5 to 2.5	Pass
				-30	3.85	-29.526	-0.0170	-2.5 to 2.5	Pass
				-20	3.85	-16.637	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-23.174	-0.0134	-2.5 to 2.5	Pass
				0	3.85	-15.192	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-14.648	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-18.568	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-37.208	-0.0215	-2.5 to 2.5	Pass
				50	3.85	-25.163	-0.0145	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	-16.894	-0.0096	-2.5 to 2.5	Pass
					3.85	-25.892	-0.0148	-2.5 to 2.5	Pass
					4.40	-28.710	-0.0164	-2.5 to 2.5	Pass
				-30	3.85	-33.145	-0.0189	-2.5 to 2.5	Pass
				-20	3.85	-20.370	-0.0116	-2.5 to 2.5	Pass
				-10	3.85	-7.925	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-15.435	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-16.909	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-34.075	-0.0194	-2.5 to 2.5	Pass
				40	3.85	-10.443	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-21.515	-0.0123	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.4	-19.083	-0.0112	-2.5 to 2.5	Pass
					3.85	2.990	0.0017	-2.5 to 2.5	Pass
					4.40	-15.106	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-36.750	-0.0215	-2.5 to 2.5	Pass
				-20	3.85	-21.501	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	2.561	0.0015	-2.5 to 2.5	Pass
				0	3.85	-14.520	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-30.513	-0.0178	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-19.941	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-32.201	-0.0188	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	4.649	0.0027	-2.5 to 2.5	Pass
					3.85	0.544	0.0003	-2.5 to 2.5	Pass
					4.40	5.150	0.0030	-2.5 to 2.5	Pass
				-30	3.85	10.571	0.0061	-2.5 to 2.5	Pass
				-20	3.85	11.716	0.0068	-2.5 to 2.5	Pass
				-10	3.85	11.501	0.0066	-2.5 to 2.5	Pass
				0	3.85	13.275	0.0077	-2.5 to 2.5	Pass

				10	3.85	10.328	0.0060	-2.5 to 2.5	Pass
				30	3.85	6.666	0.0038	-2.5 to 2.5	Pass
				40	3.85	-15.850	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-19.197	-0.0111	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	-36.078	-0.0206	-2.5 to 2.5	Pass
					3.85	-31.657	-0.0180	-2.5 to 2.5	Pass
					4.40	-7.882	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-30.828	-0.0176	-2.5 to 2.5	Pass
				-20	3.85	-7.710	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-30.656	-0.0175	-2.5 to 2.5	Pass
				0	3.85	-13.618	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-25.034	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-23.074	-0.0132	-2.5 to 2.5	Pass

3.2 B4_3MHz

3.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.4	-19.898	-0.0116	-2.5 to 2.5	Pass
					3.85	-23.475	-0.0137	-2.5 to 2.5	Pass
					4.40	-31.800	-0.0186	-2.5 to 2.5	Pass
				-30	3.85	-26.507	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-22.917	-0.0134	-2.5 to 2.5	Pass
				-10	3.85	-21.744	-0.0127	-2.5 to 2.5	Pass
				0	3.85	-24.734	-0.0145	-2.5 to 2.5	Pass
				10	3.85	-26.336	-0.0154	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-14.863	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	11.373	0.0066	-2.5 to 2.5	Pass
					3.85	-15.421	-0.0089	-2.5 to 2.5	Pass
					4.40	-17.066	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-20.013	-0.0116	-2.5 to 2.5	Pass
				-10	3.85	-16.065	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-20.943	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-25.177	-0.0145	-2.5 to 2.5	Pass
				30	3.85	-10.486	-0.0061	-2.5 to 2.5	Pass
				40	3.85	7.782	0.0045	-2.5 to 2.5	Pass
				50	3.85	-23.088	-0.0133	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	-25.849	-0.0147	-2.5 to 2.5	Pass
					3.85	-23.217	-0.0132	-2.5 to 2.5	Pass
					4.40	-29.154	-0.0166	-2.5 to 2.5	Pass
				-30	3.85	-12.417	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-8.326	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-36.335	-0.0207	-2.5 to 2.5	Pass
				0	3.85	-11.187	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-18.926	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-22.545	-0.0129	-2.5 to 2.5	Pass
				40	3.85	-11.802	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-38.009	-0.0217	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.4	-25.005	-0.0146	-2.5 to 2.5	Pass

					3.85	-12.875	-0.0075	-2.5 to 2.5	Pass
					4.40	-40.898	-0.0239	-2.5 to 2.5	Pass
				-30	3.85	-27.308	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	-9.356	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
				0	3.85	1.459	0.0009	-2.5 to 2.5	Pass
				10	3.85	-25.306	-0.0148	-2.5 to 2.5	Pass
				30	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-29.969	-0.0175	-2.5 to 2.5	Pass
				50	3.85	-16.136	-0.0094	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	-13.647	-0.0079	-2.5 to 2.5	Pass
					3.85	-25.220	-0.0146	-2.5 to 2.5	Pass
					4.40	-26.221	-0.0151	-2.5 to 2.5	Pass
				-30	3.85	-28.067	-0.0162	-2.5 to 2.5	Pass
				-20	3.85	-33.689	-0.0194	-2.5 to 2.5	Pass
				-10	3.85	-40.913	-0.0236	-2.5 to 2.5	Pass
				0	3.85	-12.088	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-21.486	-0.0124	-2.5 to 2.5	Pass
				30	3.85	-30.670	-0.0177	-2.5 to 2.5	Pass
				40	3.85	-40.197	-0.0232	-2.5 to 2.5	Pass
				50	3.85	-13.332	-0.0077	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	-26.751	-0.0153	-2.5 to 2.5	Pass
					3.85	-34.733	-0.0198	-2.5 to 2.5	Pass
					4.40	-44.246	-0.0252	-2.5 to 2.5	Pass
				-30	3.85	-9.842	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-13.361	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-21.873	-0.0125	-2.5 to 2.5	Pass
				0	3.85	-26.507	-0.0151	-2.5 to 2.5	Pass
				10	3.85	-30.041	-0.0171	-2.5 to 2.5	Pass
				30	3.85	-34.947	-0.0199	-2.5 to 2.5	Pass
				40	3.85	-41.757	-0.0238	-2.5 to 2.5	Pass
				50	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass

3.3 B4_5MHz

3.3.1 Test Result

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.4	16.751	0.0098	-2.5 to 2.5	Pass
					3.85	-16.036	-0.0094	-2.5 to 2.5	Pass
					4.40	-20.099	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-19.999	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-22.645	-0.0132	-2.5 to 2.5	Pass
				-10	3.85	-10.700	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-17.009	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-10.729	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-13.304	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-32.086	-0.0187	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	35.334	0.0204	-2.5 to 2.5	Pass
					3.85	-18.826	-0.0109	-2.5 to 2.5	Pass
					4.40	-31.357	-0.0181	-2.5 to 2.5	Pass
				-30	3.85	-20.943	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-29.068	-0.0168	-2.5 to 2.5	Pass
				-10	3.85	-13.661	-0.0079	-2.5 to 2.5	Pass

				0	3.85	-7.567	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-35.291	-0.0204	-2.5 to 2.5	Pass
				30	3.85	-11.702	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-13.261	-0.0077	-2.5 to 2.5	Pass
				50	3.85	-19.684	-0.0114	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.4	33.288	0.0190	-2.5 to 2.5	Pass
					3.85	-8.912	-0.0051	-2.5 to 2.5	Pass
					4.40	10.300	0.0059	-2.5 to 2.5	Pass
				-30	3.85	29.526	0.0168	-2.5 to 2.5	Pass
				-20	3.85	10.443	0.0060	-2.5 to 2.5	Pass
				-10	3.85	24.433	0.0139	-2.5 to 2.5	Pass
				0	3.85	33.689	0.0192	-2.5 to 2.5	Pass
				10	3.85	5.422	0.0031	-2.5 to 2.5	Pass
				30	3.85	10.586	0.0060	-2.5 to 2.5	Pass
				40	3.85	16.508	0.0094	-2.5 to 2.5	Pass
				50	3.85	20.642	0.0118	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.4	-22.516	-0.0131	-2.5 to 2.5	Pass
					3.85	-30.155	-0.0176	-2.5 to 2.5	Pass
					4.40	-30.842	-0.0180	-2.5 to 2.5	Pass
				-30	3.85	-31.242	-0.0182	-2.5 to 2.5	Pass
				-20	3.85	-35.648	-0.0208	-2.5 to 2.5	Pass
				-10	3.85	-41.614	-0.0243	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-12.617	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-34.361	-0.0201	-2.5 to 2.5	Pass
				50	3.85	-43.573	-0.0254	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	-3.748	-0.0022	-2.5 to 2.5	Pass
					3.85	-10.614	-0.0061	-2.5 to 2.5	Pass
					4.40	-3.476	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-8.469	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-13.003	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-16.952	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-26.250	-0.0152	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.4	13.633	0.0078	-2.5 to 2.5	Pass
					3.85	21.300	0.0122	-2.5 to 2.5	Pass
					4.40	24.734	0.0141	-2.5 to 2.5	Pass
				-30	3.85	19.140	0.0109	-2.5 to 2.5	Pass
				-20	3.85	32.530	0.0186	-2.5 to 2.5	Pass
				-10	3.85	17.395	0.0099	-2.5 to 2.5	Pass
				0	3.85	10.242	0.0058	-2.5 to 2.5	Pass
				10	3.85	16.437	0.0094	-2.5 to 2.5	Pass
				30	3.85	24.605	0.0140	-2.5 to 2.5	Pass
				40	3.85	29.311	0.0167	-2.5 to 2.5	Pass
				50	3.85	36.464	0.0208	-2.5 to 2.5	Pass

3.4 B4_10MHz

3.4.1 Test Result

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	1715	50	0	20	3.4	28.253	0.0165	-2.5 to 2.5	Pass
					3.85	8.411	0.0049	-2.5 to 2.5	Pass
					4.40	-17.710	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-16.479	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-27.294	-0.0159	-2.5 to 2.5	Pass
				10	3.85	-9.084	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-31.400	-0.0183	-2.5 to 2.5	Pass
				40	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-20.900	-0.0122	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	31.915	0.0184	-2.5 to 2.5	Pass
					3.85	-21.944	-0.0127	-2.5 to 2.5	Pass
					4.40	-24.762	-0.0143	-2.5 to 2.5	Pass
				-30	3.85	-25.477	-0.0147	-2.5 to 2.5	Pass
				-20	3.85	-26.379	-0.0152	-2.5 to 2.5	Pass
				-10	3.85	-7.439	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-15.950	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-13.018	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-25.377	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-14.634	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-36.263	-0.0209	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	22.516	0.0129	-2.5 to 2.5	Pass
					3.85	11.888	0.0068	-2.5 to 2.5	Pass
					4.40	9.584	0.0055	-2.5 to 2.5	Pass
				-30	3.85	14.148	0.0081	-2.5 to 2.5	Pass
				-20	3.85	19.798	0.0113	-2.5 to 2.5	Pass
				-10	3.85	23.432	0.0134	-2.5 to 2.5	Pass
				0	3.85	20.585	0.0118	-2.5 to 2.5	Pass
				10	3.85	21.687	0.0124	-2.5 to 2.5	Pass
				30	3.85	23.990	0.0137	-2.5 to 2.5	Pass
				40	3.85	22.259	0.0127	-2.5 to 2.5	Pass
				50	3.85	27.022	0.0154	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.4	-36.521	-0.0213	-2.5 to 2.5	Pass
					3.85	-27.652	-0.0161	-2.5 to 2.5	Pass
					4.40	-12.102	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	4.220	0.0025	-2.5 to 2.5	Pass
				-10	3.85	8.397	0.0049	-2.5 to 2.5	Pass
				0	3.85	12.474	0.0073	-2.5 to 2.5	Pass
				10	3.85	11.172	0.0065	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	-23.561	-0.0136	-2.5 to 2.5	Pass
					3.85	-15.020	-0.0087	-2.5 to 2.5	Pass
					4.40	-3.791	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				-20	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-8.755	-0.0051	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	24.405	0.0139	-2.5 to 2.5	Pass
					3.85	4.678	0.0027	-2.5 to 2.5	Pass
					4.40	24.791	0.0142	-2.5 to 2.5	Pass
				-30	3.85	3.805	0.0022	-2.5 to 2.5	Pass

				-20	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				-10	3.85	10.042	0.0057	-2.5 to 2.5	Pass
				0	3.85	17.853	0.0102	-2.5 to 2.5	Pass
				10	3.85	22.473	0.0128	-2.5 to 2.5	Pass
				30	3.85	27.294	0.0156	-2.5 to 2.5	Pass
				40	3.85	24.419	0.0140	-2.5 to 2.5	Pass
				50	3.85	27.738	0.0159	-2.5 to 2.5	Pass

3.5 B4_15MHz

3.5.1 Test Result

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.4	20.156	0.0117	-2.5 to 2.5	Pass
					3.85	9.570	0.0056	-2.5 to 2.5	Pass
					4.40	-32.301	-0.0188	-2.5 to 2.5	Pass
				-30	3.85	-29.740	-0.0173	-2.5 to 2.5	Pass
				-20	3.85	-18.396	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-38.867	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-31.171	-0.0181	-2.5 to 2.5	Pass
				10	3.85	-42.801	-0.0249	-2.5 to 2.5	Pass
				30	3.85	4.392	0.0026	-2.5 to 2.5	Pass
				40	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-16.551	-0.0096	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	29.268	0.0169	-2.5 to 2.5	Pass
					3.85	-25.806	-0.0149	-2.5 to 2.5	Pass
					4.40	-16.923	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-18.554	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-21.343	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-8.497	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-13.132	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-34.146	-0.0197	-2.5 to 2.5	Pass
				30	3.85	-22.960	-0.0133	-2.5 to 2.5	Pass
				40	3.85	-20.285	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-28.267	-0.0163	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	15.392	0.0088	-2.5 to 2.5	Pass
					3.85	2.203	0.0013	-2.5 to 2.5	Pass
					4.40	-12.031	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-23.246	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-15.864	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	5.980	0.0034	-2.5 to 2.5	Pass
				0	3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-15.550	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-20.928	-0.0120	-2.5 to 2.5	Pass
				40	3.85	-26.793	-0.0153	-2.5 to 2.5	Pass
				50	3.85	-31.915	-0.0183	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.4	-27.180	-0.0158	-2.5 to 2.5	Pass
					3.85	-11.358	-0.0066	-2.5 to 2.5	Pass
					4.40	7.267	0.0042	-2.5 to 2.5	Pass
				-30	3.85	19.140	0.0111	-2.5 to 2.5	Pass
				-20	3.85	15.106	0.0088	-2.5 to 2.5	Pass
				-10	3.85	18.883	0.0110	-2.5 to 2.5	Pass
				0	3.85	26.994	0.0157	-2.5 to 2.5	Pass
				10	3.85	32.287	0.0188	-2.5 to 2.5	Pass
				30	3.85	36.807	0.0214	-2.5 to 2.5	Pass

				40	3.85	41.270	0.0240	-2.5 to 2.5	Pass
				50	3.85	-19.240	-0.0112	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	-23.904	-0.0138	-2.5 to 2.5	Pass
					3.85	-19.269	-0.0111	-2.5 to 2.5	Pass
					4.40	-2.747	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	10.285	0.0059	-2.5 to 2.5	Pass
				-20	3.85	11.358	0.0066	-2.5 to 2.5	Pass
				-10	3.85	11.902	0.0069	-2.5 to 2.5	Pass
				0	3.85	14.720	0.0085	-2.5 to 2.5	Pass
				10	3.85	16.308	0.0094	-2.5 to 2.5	Pass
				30	3.85	16.351	0.0094	-2.5 to 2.5	Pass
				40	3.85	14.777	0.0085	-2.5 to 2.5	Pass
				50	3.85	11.201	0.0065	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	-6.580	-0.0038	-2.5 to 2.5	Pass
					3.85	23.761	0.0136	-2.5 to 2.5	Pass
					4.40	10.486	0.0060	-2.5 to 2.5	Pass
				-30	3.85	25.263	0.0145	-2.5 to 2.5	Pass
				-20	3.85	36.163	0.0207	-2.5 to 2.5	Pass
				-10	3.85	31.672	0.0181	-2.5 to 2.5	Pass
				0	3.85	52.485	0.0300	-2.5 to 2.5	Pass
				10	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				30	3.85	3.219	0.0018	-2.5 to 2.5	Pass
				40	3.85	2.432	0.0014	-2.5 to 2.5	Pass
				50	3.85	6.738	0.0039	-2.5 to 2.5	Pass

3.6 B4_20MHz

3.6.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.4	29.354	0.0171	-2.5 to 2.5	Pass
					3.85	-17.738	-0.0103	-2.5 to 2.5	Pass
					4.40	-14.892	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-40.226	-0.0234	-2.5 to 2.5	Pass
				-20	3.85	-20.914	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-34.275	-0.0199	-2.5 to 2.5	Pass
				0	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-15.578	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-22.330	-0.0130	-2.5 to 2.5	Pass
				40	3.85	-35.806	-0.0208	-2.5 to 2.5	Pass
				50	3.85	9.284	0.0054	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	17.939	0.0104	-2.5 to 2.5	Pass
					3.85	-11.244	-0.0065	-2.5 to 2.5	Pass
					4.40	-20.471	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-29.426	-0.0170	-2.5 to 2.5	Pass
				-20	3.85	-11.830	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-13.118	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-11.144	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-24.118	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-32.430	-0.0187	-2.5 to 2.5	Pass
				40	3.85	-21.930	-0.0127	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	15.922	0.0091	-2.5 to 2.5	Pass
					3.85	3.176	0.0018	-2.5 to 2.5	Pass
					4.40	-31.257	-0.0179	-2.5 to 2.5	Pass

				-30	3.85	-17.881	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-35.462	-0.0203	-2.5 to 2.5	Pass
				-10	3.85	-12.560	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-27.123	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-36.149	-0.0207	-2.5 to 2.5	Pass
				30	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-9.942	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-17.252	-0.0099	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.4	3.963	0.0023	-2.5 to 2.5	Pass
					3.85	25.678	0.0149	-2.5 to 2.5	Pass
					4.40	-1.588	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	12.074	0.0070	-2.5 to 2.5	Pass
				-20	3.85	22.044	0.0128	-2.5 to 2.5	Pass
				-10	3.85	23.432	0.0136	-2.5 to 2.5	Pass
				0	3.85	21.172	0.0123	-2.5 to 2.5	Pass
				10	3.85	24.662	0.0143	-2.5 to 2.5	Pass
				30	3.85	31.528	0.0183	-2.5 to 2.5	Pass
				40	3.85	28.496	0.0166	-2.5 to 2.5	Pass
				50	3.85	32.601	0.0190	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	-7.825	-0.0045	-2.5 to 2.5	Pass
					3.85	13.461	0.0078	-2.5 to 2.5	Pass
					4.40	27.509	0.0159	-2.5 to 2.5	Pass
				-30	3.85	-8.655	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-11.201	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-11.001	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-9.356	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-9.770	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-14.176	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-11.973	-0.0069	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-24.619	-0.0141	-2.5 to 2.5	Pass
					3.85	1.616	0.0009	-2.5 to 2.5	Pass
					4.40	27.623	0.0158	-2.5 to 2.5	Pass
				-30	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				-20	3.85	2.546	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				0	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				10	3.85	8.969	0.0051	-2.5 to 2.5	Pass
				30	3.85	10.400	0.0060	-2.5 to 2.5	Pass
				40	3.85	13.905	0.0080	-2.5 to 2.5	Pass
				50	3.85	20.757	0.0119	-2.5 to 2.5	Pass

4. Frequency Stability

4.1 B5_1.4MHz

4.1.1 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	3.4	-18.611	-0.0226	-2.5 to 2.5	Pass
					3.85	-31.500	-0.0382	-2.5 to 2.5	Pass
					4.40	-43.616	-0.0529	-2.5 to 2.5	Pass
				-30	3.85	-38.338	-0.0465	-2.5 to 2.5	Pass
				-20	3.85	-10.757	-0.0130	-2.5 to 2.5	Pass

				-10	3.85	-20.657	-0.0250	-2.5 to 2.5	Pass
				0	3.85	-20.814	-0.0252	-2.5 to 2.5	Pass
				10	3.85	-13.776	-0.0167	-2.5 to 2.5	Pass
				30	3.85	-32.287	-0.0391	-2.5 to 2.5	Pass
				40	3.85	-28.481	-0.0345	-2.5 to 2.5	Pass
				50	3.85	-10.757	-0.0130	-2.5 to 2.5	Pass
	836.5	6	0	20	3.4	14.734	0.0176	-2.5 to 2.5	Pass
					3.85	-13.876	-0.0166	-2.5 to 2.5	Pass
					4.40	-18.883	-0.0226	-2.5 to 2.5	Pass
				-30	3.85	-4.992	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-2.947	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-38.123	-0.0456	-2.5 to 2.5	Pass
				0	3.85	-8.812	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-11.258	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-11.258	-0.0135	-2.5 to 2.5	Pass
				40	3.85	-13.289	-0.0159	-2.5 to 2.5	Pass
				50	3.85	-2.260	-0.0027	-2.5 to 2.5	Pass
	848.3	6	0	20	3.4	9.527	0.0112	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0034	-2.5 to 2.5	Pass
					4.40	-34.833	-0.0411	-2.5 to 2.5	Pass
				-30	3.85	-15.106	-0.0178	-2.5 to 2.5	Pass
				-20	3.85	-41.056	-0.0484	-2.5 to 2.5	Pass
				-10	3.85	-26.507	-0.0312	-2.5 to 2.5	Pass
				0	3.85	-46.535	-0.0549	-2.5 to 2.5	Pass
				10	3.85	-17.738	-0.0209	-2.5 to 2.5	Pass
				30	3.85	-35.677	-0.0421	-2.5 to 2.5	Pass
				40	3.85	1.788	0.0021	-2.5 to 2.5	Pass
				50	3.85	-12.589	-0.0148	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.4	-37.379	-0.0453	-2.5 to 2.5	Pass
					3.85	-2.961	-0.0036	-2.5 to 2.5	Pass
					4.40	-20.943	-0.0254	-2.5 to 2.5	Pass
				-30	3.85	-31.958	-0.0388	-2.5 to 2.5	Pass
				-20	3.85	-44.031	-0.0534	-2.5 to 2.5	Pass
				-10	3.85	-9.828	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-20.328	-0.0246	-2.5 to 2.5	Pass
				10	3.85	-28.195	-0.0342	-2.5 to 2.5	Pass
				30	3.85	-36.578	-0.0444	-2.5 to 2.5	Pass
				40	3.85	5.794	0.0070	-2.5 to 2.5	Pass
				50	3.85	-3.548	-0.0043	-2.5 to 2.5	Pass
	836.5	6	0	20	3.4	-39.754	-0.0475	-2.5 to 2.5	Pass
					3.85	-16.708	-0.0200	-2.5 to 2.5	Pass
					4.40	-36.378	-0.0435	-2.5 to 2.5	Pass
				-30	3.85	-11.373	-0.0136	-2.5 to 2.5	Pass
				-20	3.85	-33.002	-0.0395	-2.5 to 2.5	Pass
				-10	3.85	-35.019	-0.0419	-2.5 to 2.5	Pass
				0	3.85	-16.580	-0.0198	-2.5 to 2.5	Pass
				10	3.85	-31.643	-0.0378	-2.5 to 2.5	Pass
				30	3.85	-47.078	-0.0563	-2.5 to 2.5	Pass
				40	3.85	-19.841	-0.0237	-2.5 to 2.5	Pass
				50	3.85	-33.460	-0.0400	-2.5 to 2.5	Pass
	848.3	6	0	20	3.4	-31.829	-0.0375	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0035	-2.5 to 2.5	Pass
					4.40	-5.565	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-13.189	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-17.467	-0.0206	-2.5 to 2.5	Pass
				-10	3.85	-24.519	-0.0289	-2.5 to 2.5	Pass
				0	3.85	-28.453	-0.0335	-2.5 to 2.5	Pass
				10	3.85	-35.205	-0.0415	-2.5 to 2.5	Pass
				30	3.85	-41.542	-0.0490	-2.5 to 2.5	Pass

				40	3.85	-48.223	-0.0568	-2.5 to 2.5	Pass
				50	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass

4.2 B5_3MHz

4.2.1 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	3.4	-40.011	-0.0485	-2.5 to 2.5	Pass
					3.85	-22.974	-0.0278	-2.5 to 2.5	Pass
					4.40	-42.214	-0.0511	-2.5 to 2.5	Pass
				-30	3.85	-37.665	-0.0456	-2.5 to 2.5	Pass
				-20	3.85	-17.138	-0.0208	-2.5 to 2.5	Pass
				-10	3.85	-31.142	-0.0377	-2.5 to 2.5	Pass
				0	3.85	-36.607	-0.0443	-2.5 to 2.5	Pass
				10	3.85	-33.832	-0.0410	-2.5 to 2.5	Pass
				30	3.85	-24.748	-0.0300	-2.5 to 2.5	Pass
				40	3.85	-5.250	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-37.150	-0.0450	-2.5 to 2.5	Pass
	836.5	15	0	20	3.4	8.197	0.0098	-2.5 to 2.5	Pass
					3.85	3.119	0.0037	-2.5 to 2.5	Pass
					4.40	-18.582	-0.0222	-2.5 to 2.5	Pass
				-30	3.85	-43.831	-0.0524	-2.5 to 2.5	Pass
				-20	3.85	-18.353	-0.0219	-2.5 to 2.5	Pass
				-10	3.85	-36.349	-0.0435	-2.5 to 2.5	Pass
				0	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-15.121	-0.0181	-2.5 to 2.5	Pass
				30	3.85	-27.738	-0.0332	-2.5 to 2.5	Pass
				40	3.85	-39.611	-0.0474	-2.5 to 2.5	Pass
				50	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
	847.5	15	0	20	3.4	15.893	0.0188	-2.5 to 2.5	Pass
					3.85	10.428	0.0123	-2.5 to 2.5	Pass
					4.40	-12.832	-0.0151	-2.5 to 2.5	Pass
				-30	3.85	-35.205	-0.0415	-2.5 to 2.5	Pass
				-20	3.85	-7.567	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-22.588	-0.0267	-2.5 to 2.5	Pass
				0	3.85	-36.235	-0.0428	-2.5 to 2.5	Pass
				10	3.85	-43.902	-0.0518	-2.5 to 2.5	Pass
				30	3.85	-14.977	-0.0177	-2.5 to 2.5	Pass
				40	3.85	-24.490	-0.0289	-2.5 to 2.5	Pass
				50	3.85	-34.862	-0.0411	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.4	-14.091	-0.0171	-2.5 to 2.5	Pass
					3.85	-29.283	-0.0355	-2.5 to 2.5	Pass
					4.40	-38.667	-0.0468	-2.5 to 2.5	Pass
				-30	3.85	-47.421	-0.0574	-2.5 to 2.5	Pass
				-20	3.85	-7.181	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-17.838	-0.0216	-2.5 to 2.5	Pass
				0	3.85	-26.636	-0.0323	-2.5 to 2.5	Pass
				10	3.85	-36.564	-0.0443	-2.5 to 2.5	Pass
				30	3.85	-38.009	-0.0460	-2.5 to 2.5	Pass
				40	3.85	-13.547	-0.0164	-2.5 to 2.5	Pass
				50	3.85	-21.014	-0.0255	-2.5 to 2.5	Pass
	836.5	15	0	20	3.4	-11.544	-0.0138	-2.5 to 2.5	Pass
					3.85	-16.251	-0.0194	-2.5 to 2.5	Pass
					4.40	-15.035	-0.0180	-2.5 to 2.5	Pass

				-30	3.85	-15.149	-0.0181	-2.5 to 2.5	Pass
				-20	3.85	-16.379	-0.0196	-2.5 to 2.5	Pass
				-10	3.85	-18.697	-0.0224	-2.5 to 2.5	Pass
				0	3.85	-21.687	-0.0259	-2.5 to 2.5	Pass
				10	3.85	-33.016	-0.0395	-2.5 to 2.5	Pass
				30	3.85	-37.150	-0.0444	-2.5 to 2.5	Pass
				40	3.85	-43.530	-0.0520	-2.5 to 2.5	Pass
				50	3.85	1.516	0.0018	-2.5 to 2.5	Pass
	847.5	15	0	20	3.4	-44.560	-0.0526	-2.5 to 2.5	Pass
					3.85	2.675	0.0032	-2.5 to 2.5	Pass
					4.40	4.277	0.0050	-2.5 to 2.5	Pass
				-30	3.85	2.375	0.0028	-2.5 to 2.5	Pass
				-20	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.074	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-3.347	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-8.240	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-11.816	-0.0139	-2.5 to 2.5	Pass
				50	3.85	-15.621	-0.0184	-2.5 to 2.5	Pass

4.3 B5_5MHz

4.3.1 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	3.4	-19.784	-0.0239	-2.5 to 2.5	Pass
					3.85	-19.512	-0.0236	-2.5 to 2.5	Pass
					4.40	-10.614	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-30.699	-0.0371	-2.5 to 2.5	Pass
				-20	3.85	-31.185	-0.0377	-2.5 to 2.5	Pass
				-10	3.85	-25.978	-0.0314	-2.5 to 2.5	Pass
				0	3.85	-10.600	-0.0128	-2.5 to 2.5	Pass
				10	3.85	-37.394	-0.0452	-2.5 to 2.5	Pass
				30	3.85	-15.879	-0.0192	-2.5 to 2.5	Pass
				40	3.85	-36.421	-0.0441	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0055	-2.5 to 2.5	Pass
	836.5	25	0	20	3.4	6.409	0.0077	-2.5 to 2.5	Pass
					3.85	6.008	0.0072	-2.5 to 2.5	Pass
					4.40	-12.817	-0.0153	-2.5 to 2.5	Pass
				-30	3.85	-29.440	-0.0352	-2.5 to 2.5	Pass
				-20	3.85	-45.233	-0.0541	-2.5 to 2.5	Pass
				-10	3.85	-7.982	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-19.655	-0.0235	-2.5 to 2.5	Pass
				10	3.85	-31.013	-0.0371	-2.5 to 2.5	Pass
				30	3.85	-46.163	-0.0552	-2.5 to 2.5	Pass
				40	3.85	-9.270	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-18.554	-0.0222	-2.5 to 2.5	Pass
	846.5	25	0	20	3.4	14.734	0.0174	-2.5 to 2.5	Pass
					3.85	11.086	0.0131	-2.5 to 2.5	Pass
					4.40	-8.798	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-27.609	-0.0326	-2.5 to 2.5	Pass
				-20	3.85	-26.293	-0.0311	-2.5 to 2.5	Pass
				-10	3.85	-11.144	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-21.758	-0.0257	-2.5 to 2.5	Pass
				10	3.85	-31.271	-0.0369	-2.5 to 2.5	Pass

				30	3.85	-41.370	-0.0489	-2.5 to 2.5	Pass
				40	3.85	0.458	0.0005	-2.5 to 2.5	Pass
				50	3.85	-7.210	-0.0085	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.4	-21.830	-0.0264	-2.5 to 2.5	Pass
					3.85	-29.068	-0.0352	-2.5 to 2.5	Pass
					4.40	-32.158	-0.0389	-2.5 to 2.5	Pass
				-30	3.85	-35.791	-0.0433	-2.5 to 2.5	Pass
				-20	3.85	-39.611	-0.0479	-2.5 to 2.5	Pass
				-10	3.85	-44.990	-0.0544	-2.5 to 2.5	Pass
				0	3.85	-2.246	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-7.224	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-11.230	-0.0136	-2.5 to 2.5	Pass
				40	3.85	-14.720	-0.0178	-2.5 to 2.5	Pass
				50	3.85	-19.512	-0.0236	-2.5 to 2.5	Pass
	836.5	25	0	20	3.4	-29.240	-0.0350	-2.5 to 2.5	Pass
					3.85	-29.368	-0.0351	-2.5 to 2.5	Pass
					4.40	-25.992	-0.0311	-2.5 to 2.5	Pass
				-30	3.85	-23.003	-0.0275	-2.5 to 2.5	Pass
				-20	3.85	-21.830	-0.0261	-2.5 to 2.5	Pass
				-10	3.85	-21.358	-0.0255	-2.5 to 2.5	Pass
				0	3.85	-21.830	-0.0261	-2.5 to 2.5	Pass
				10	3.85	-23.546	-0.0281	-2.5 to 2.5	Pass
				30	3.85	-24.705	-0.0295	-2.5 to 2.5	Pass
				40	3.85	-26.464	-0.0316	-2.5 to 2.5	Pass
				50	3.85	-28.868	-0.0345	-2.5 to 2.5	Pass
	846.5	25	0	20	3.4	-15.421	-0.0182	-2.5 to 2.5	Pass
					3.85	-14.606	-0.0173	-2.5 to 2.5	Pass
					4.40	-11.830	-0.0140	-2.5 to 2.5	Pass
				-30	3.85	-10.200	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-8.397	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-8.540	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-10.214	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-16.708	-0.0197	-2.5 to 2.5	Pass
				30	3.85	-20.542	-0.0243	-2.5 to 2.5	Pass
				40	3.85	-23.761	-0.0281	-2.5 to 2.5	Pass
				50	3.85	-28.009	-0.0331	-2.5 to 2.5	Pass

4.4 B5_10MHz

4.4.1 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	3.4	40.455	0.0488	-2.5 to 2.5	Pass
					3.85	-10.271	-0.0124	-2.5 to 2.5	Pass
					4.40	-37.222	-0.0449	-2.5 to 2.5	Pass
				-30	3.85	-10.486	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	-26.579	-0.0321	-2.5 to 2.5	Pass
				-10	3.85	-41.800	-0.0504	-2.5 to 2.5	Pass
				0	3.85	-9.441	-0.0114	-2.5 to 2.5	Pass
				10	3.85	-20.227	-0.0244	-2.5 to 2.5	Pass
				30	3.85	-30.627	-0.0369	-2.5 to 2.5	Pass
				40	3.85	-39.482	-0.0476	-2.5 to 2.5	Pass
				50	3.85	0.386	0.0005	-2.5 to 2.5	Pass
	836.5	50	0	20	3.4	13.976	0.0167	-2.5 to 2.5	Pass
					3.85	12.174	0.0146	-2.5 to 2.5	Pass

					4.40	-3.104	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-15.678	-0.0187	-2.5 to 2.5	Pass
				-20	3.85	-25.234	-0.0302	-2.5 to 2.5	Pass
				-10	3.85	-34.146	-0.0408	-2.5 to 2.5	Pass
				0	3.85	-41.027	-0.0490	-2.5 to 2.5	Pass
				10	3.85	-48.237	-0.0577	-2.5 to 2.5	Pass
				30	3.85	-5.450	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-10.901	-0.0130	-2.5 to 2.5	Pass
				50	3.85	-17.109	-0.0205	-2.5 to 2.5	Pass
	844	50	0		3.4	10.228	0.0121	-2.5 to 2.5	Pass
				20	3.85	9.341	0.0111	-2.5 to 2.5	Pass
					4.40	-11.387	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-27.151	-0.0322	-2.5 to 2.5	Pass
				-20	3.85	-40.154	-0.0476	-2.5 to 2.5	Pass
				-10	3.85	-48.466	-0.0574	-2.5 to 2.5	Pass
				0	3.85	-6.738	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-12.331	-0.0146	-2.5 to 2.5	Pass
				30	3.85	-18.725	-0.0222	-2.5 to 2.5	Pass
				40	3.85	-23.932	-0.0284	-2.5 to 2.5	Pass
				50	3.85	-28.610	-0.0339	-2.5 to 2.5	Pass
16QAM	829	50	0		3.4	-12.503	-0.0151	-2.5 to 2.5	Pass
				20	3.85	-7.324	-0.0088	-2.5 to 2.5	Pass
					4.40	0.744	0.0009	-2.5 to 2.5	Pass
				-30	3.85	4.649	0.0056	-2.5 to 2.5	Pass
				-20	3.85	6.537	0.0079	-2.5 to 2.5	Pass
				-10	3.85	7.195	0.0087	-2.5 to 2.5	Pass
				0	3.85	7.267	0.0088	-2.5 to 2.5	Pass
				10	3.85	6.638	0.0080	-2.5 to 2.5	Pass
				30	3.85	3.948	0.0048	-2.5 to 2.5	Pass
				40	3.85	2.203	0.0027	-2.5 to 2.5	Pass
				50	3.85	0.844	0.0010	-2.5 to 2.5	Pass
	836.5	50	0		3.4	-23.704	-0.0283	-2.5 to 2.5	Pass
				20	3.85	-20.342	-0.0243	-2.5 to 2.5	Pass
					4.40	-14.577	-0.0174	-2.5 to 2.5	Pass
				-30	3.85	-13.661	-0.0163	-2.5 to 2.5	Pass
				-20	3.85	-12.088	-0.0145	-2.5 to 2.5	Pass
				-10	3.85	-10.571	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-9.942	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-10.700	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-12.403	-0.0148	-2.5 to 2.5	Pass
				40	3.85	-13.576	-0.0162	-2.5 to 2.5	Pass
				50	3.85	-14.763	-0.0176	-2.5 to 2.5	Pass
	844	50	0		3.4	-34.862	-0.0413	-2.5 to 2.5	Pass
				20	3.85	-27.180	-0.0322	-2.5 to 2.5	Pass
					4.40	-17.810	-0.0211	-2.5 to 2.5	Pass
				-30	3.85	-11.845	-0.0140	-2.5 to 2.5	Pass
				-20	3.85	-8.483	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-7.753	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-6.852	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-6.280	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-7.310	-0.0087	-2.5 to 2.5	Pass

5. Frequency Stability

5.1 B7_5MHz

5.1.1 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	3.4	30.184	0.0121	-2.5 to 2.5	Pass
					3.85	6.652	0.0027	-2.5 to 2.5	Pass
					4.40	3.304	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.358	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-5.651	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-12.474	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-15.464	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-25.177	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-30.298	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-31.815	-0.0127	-2.5 to 2.5	Pass
				50	3.85	-34.833	-0.0139	-2.5 to 2.5	Pass
	2535	25	0	20	3.4	26.536	0.0105	-2.5 to 2.5	Pass
					3.85	41.428	0.0163	-2.5 to 2.5	Pass
					4.40	26.722	0.0105	-2.5 to 2.5	Pass
				-30	3.85	20.556	0.0081	-2.5 to 2.5	Pass
				-20	3.85	15.807	0.0062	-2.5 to 2.5	Pass
				-10	3.85	14.777	0.0058	-2.5 to 2.5	Pass
				0	3.85	13.661	0.0054	-2.5 to 2.5	Pass
				10	3.85	11.358	0.0045	-2.5 to 2.5	Pass
				30	3.85	8.869	0.0035	-2.5 to 2.5	Pass
				40	3.85	8.311	0.0033	-2.5 to 2.5	Pass
				50	3.85	6.466	0.0026	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.4	11.015	0.0043	-2.5 to 2.5	Pass
					3.85	12.918	0.0050	-2.5 to 2.5	Pass
					4.40	-19.512	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	3.734	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-26.035	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-14.262	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-36.349	-0.0142	-2.5 to 2.5	Pass
				10	3.85	3.705	0.0014	-2.5 to 2.5	Pass
				30	3.85	-12.517	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-29.368	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-17.180	-0.0067	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.4	-39.110	-0.0156	-2.5 to 2.5	Pass
					3.85	-25.620	-0.0102	-2.5 to 2.5	Pass
					4.40	-10.614	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	5.622	0.0022	-2.5 to 2.5	Pass
				-20	3.85	18.411	0.0074	-2.5 to 2.5	Pass
				-10	3.85	31.114	0.0124	-2.5 to 2.5	Pass
				0	3.85	38.137	0.0152	-2.5 to 2.5	Pass
				10	3.85	47.579	0.0190	-2.5 to 2.5	Pass
				30	3.85	-7.353	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-7.281	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.475	-0.0010	-2.5 to 2.5	Pass
	2535	25	0	20	3.4	4.463	0.0018	-2.5 to 2.5	Pass
					3.85	14.992	0.0059	-2.5 to 2.5	Pass
					4.40	28.539	0.0113	-2.5 to 2.5	Pass
				-30	3.85	43.015	0.0170	-2.5 to 2.5	Pass
				-20	3.85	15.693	0.0062	-2.5 to 2.5	Pass
				-10	3.85	27.137	0.0107	-2.5 to 2.5	Pass
				0	3.85	30.313	0.0120	-2.5 to 2.5	Pass
				10	3.85	36.607	0.0144	-2.5 to 2.5	Pass
				30	3.85	41.599	0.0164	-2.5 to 2.5	Pass
				40	3.85	14.448	0.0057	-2.5 to 2.5	Pass

				50	3.85	19.398	0.0077	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.4	1.831	0.0007	-2.5 to 2.5	Pass
					3.85	5.865	0.0023	-2.5 to 2.5	Pass
					4.40	18.110	0.0071	-2.5 to 2.5	Pass
				-30	3.85	25.549	0.0100	-2.5 to 2.5	Pass
				-20	3.85	34.289	0.0134	-2.5 to 2.5	Pass
				-10	3.85	38.195	0.0149	-2.5 to 2.5	Pass
				0	3.85	4.692	0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.090	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.446	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.445	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.987	0.0004	-2.5 to 2.5	Pass

5.2 B7_10MHz

5.2.1 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	3.4	38.981	0.0156	-2.5 to 2.5	Pass
					3.85	-23.789	-0.0095	-2.5 to 2.5	Pass
					4.40	-31.128	-0.0124	-2.5 to 2.5	Pass
				-30	3.85	-19.856	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	2.618	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-29.812	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-23.174	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-44.289	-0.0177	-2.5 to 2.5	Pass
				30	3.85	-3.676	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-23.990	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-42.801	-0.0171	-2.5 to 2.5	Pass
	2535	50	0	20	3.4	32.759	0.0129	-2.5 to 2.5	Pass
					3.85	2.031	0.0008	-2.5 to 2.5	Pass
					4.40	5.364	0.0021	-2.5 to 2.5	Pass
				-30	3.85	6.137	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-6.366	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-9.370	-0.0037	-2.5 to 2.5	Pass
	2565	50	0	20	3.4	24.076	0.0094	-2.5 to 2.5	Pass
					3.85	5.579	0.0022	-2.5 to 2.5	Pass
					4.40	4.492	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-27.280	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-31.900	-0.0124	-2.5 to 2.5	Pass
				0	3.85	-16.351	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-17.581	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-20.757	-0.0081	-2.5 to 2.5	Pass
				40	3.85	7.710	0.0030	-2.5 to 2.5	Pass
				50	3.85	-7.668	-0.0030	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.4	-9.513	-0.0038	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0014	-2.5 to 2.5	Pass
					4.40	8.669	0.0035	-2.5 to 2.5	Pass
				-30	3.85	13.304	0.0053	-2.5 to 2.5	Pass

				-20	3.85	3.662	0.0015	-2.5 to 2.5	Pass
				-10	3.85	7.510	0.0030	-2.5 to 2.5	Pass
				0	3.85	12.474	0.0050	-2.5 to 2.5	Pass
				10	3.85	18.597	0.0074	-2.5 to 2.5	Pass
				30	3.85	19.083	0.0076	-2.5 to 2.5	Pass
				40	3.85	17.552	0.0070	-2.5 to 2.5	Pass
				50	3.85	18.682	0.0075	-2.5 to 2.5	Pass
	2535	50	0	20	3.4	-11.630	-0.0046	-2.5 to 2.5	Pass
					3.85	3.548	0.0014	-2.5 to 2.5	Pass
					4.40	22.674	0.0089	-2.5 to 2.5	Pass
				-30	3.85	38.180	0.0151	-2.5 to 2.5	Pass
				-20	3.85	15.049	0.0059	-2.5 to 2.5	Pass
				-10	3.85	19.269	0.0076	-2.5 to 2.5	Pass
				0	3.85	10.829	0.0043	-2.5 to 2.5	Pass
				10	3.85	25.005	0.0099	-2.5 to 2.5	Pass
				30	3.85	31.071	0.0123	-2.5 to 2.5	Pass
				40	3.85	36.821	0.0145	-2.5 to 2.5	Pass
				50	3.85	46.463	0.0183	-2.5 to 2.5	Pass
	2565	50	0	20	3.4	-25.105	-0.0098	-2.5 to 2.5	Pass
					3.85	-20.442	-0.0080	-2.5 to 2.5	Pass
					4.40	-8.740	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-4.435	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.232	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.100	0.0000	-2.5 to 2.5	Pass
				10	3.85	-11.272	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-25.263	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-23.975	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-22.287	-0.0087	-2.5 to 2.5	Pass

5.3 B7_15MHz

5.3.1 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	3.4	25.563	0.0102	-2.5 to 2.5	Pass
					3.85	7.682	0.0031	-2.5 to 2.5	Pass
					4.40	-26.822	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-21.157	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-27.308	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-26.250	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-3.176	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-34.747	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-22.130	-0.0088	-2.5 to 2.5	Pass
				40	3.85	5.779	0.0023	-2.5 to 2.5	Pass
				50	3.85	-14.420	-0.0058	-2.5 to 2.5	Pass
	2535	75	0	20	3.4	38.881	0.0153	-2.5 to 2.5	Pass
					3.85	37.365	0.0147	-2.5 to 2.5	Pass
					4.40	-8.783	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.489	0.0010	-2.5 to 2.5	Pass
				-10	3.85	8.826	0.0035	-2.5 to 2.5	Pass
				0	3.85	12.188	0.0048	-2.5 to 2.5	Pass
				10	3.85	10.557	0.0042	-2.5 to 2.5	Pass
				30	3.85	10.142	0.0040	-2.5 to 2.5	Pass

				40	3.85	11.501	0.0045	-2.5 to 2.5	Pass
				50	3.85	12.016	0.0047	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.4	31.772	0.0124	-2.5 to 2.5	Pass
					3.85	4.435	0.0017	-2.5 to 2.5	Pass
					4.40	-23.017	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-16.551	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-18.711	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-29.211	-0.0114	-2.5 to 2.5	Pass
				10	3.85	-16.508	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-37.379	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-25.806	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-16.809	-0.0066	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.4	-34.819	-0.0139	-2.5 to 2.5	Pass
					3.85	-30.227	-0.0121	-2.5 to 2.5	Pass
					4.40	-15.078	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-7.181	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.529	0.0002	-2.5 to 2.5	Pass
				0	3.85	3.176	0.0013	-2.5 to 2.5	Pass
				10	3.85	6.909	0.0028	-2.5 to 2.5	Pass
				30	3.85	-2.017	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-14.849	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-20.528	-0.0082	-2.5 to 2.5	Pass
	2535	75	0	20	3.4	7.610	0.0030	-2.5 to 2.5	Pass
					3.85	29.340	0.0116	-2.5 to 2.5	Pass
					4.40	12.317	0.0049	-2.5 to 2.5	Pass
				-30	3.85	30.971	0.0122	-2.5 to 2.5	Pass
				-20	3.85	-10.886	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-5.908	-0.0023	-2.5 to 2.5	Pass
				0	3.85	3.147	0.0012	-2.5 to 2.5	Pass
				10	3.85	12.789	0.0050	-2.5 to 2.5	Pass
				30	3.85	20.328	0.0080	-2.5 to 2.5	Pass
				40	3.85	18.640	0.0074	-2.5 to 2.5	Pass
				50	3.85	6.895	0.0027	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.4	-37.723	-0.0147	-2.5 to 2.5	Pass
					3.85	-33.088	-0.0129	-2.5 to 2.5	Pass
					4.40	-21.386	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-13.132	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-8.826	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-4.864	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-6.380	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-3.304	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-6.967	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-14.248	-0.0056	-2.5 to 2.5	Pass

5.4 B7_20MHz

5.4.1 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	3.4	14.219	0.0057	-2.5 to 2.5	Pass
					3.85	-19.755	-0.0079	-2.5 to 2.5	Pass
					4.40	-38.209	-0.0152	-2.5 to 2.5	Pass

				-30	3.85	-20.628	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-24.991	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-27.080	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-27.566	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-43.659	-0.0174	-2.5 to 2.5	Pass
				30	3.85	-39.897	-0.0159	-2.5 to 2.5	Pass
				40	3.85	-3.347	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-21.014	-0.0084	-2.5 to 2.5	Pass
	2535	100	0	20	3.4	16.479	0.0065	-2.5 to 2.5	Pass
					3.85	27.781	0.0110	-2.5 to 2.5	Pass
					4.40	4.320	0.0017	-2.5 to 2.5	Pass
				-30	3.85	21.858	0.0086	-2.5 to 2.5	Pass
				-20	3.85	30.341	0.0120	-2.5 to 2.5	Pass
				-10	3.85	44.174	0.0174	-2.5 to 2.5	Pass
				0	3.85	39.825	0.0157	-2.5 to 2.5	Pass
				10	3.85	46.377	0.0183	-2.5 to 2.5	Pass
				30	3.85	42.572	0.0168	-2.5 to 2.5	Pass
				40	3.85	17.710	0.0070	-2.5 to 2.5	Pass
				50	3.85	21.715	0.0086	-2.5 to 2.5	Pass
	2560	100	0	20	3.4	21.572	0.0084	-2.5 to 2.5	Pass
					3.85	-26.064	-0.0102	-2.5 to 2.5	Pass
					4.40	-28.510	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-20.928	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-30.627	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-6.366	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-26.951	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-46.320	-0.0181	-2.5 to 2.5	Pass
				40	3.85	-25.463	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-41.742	-0.0163	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.4	-38.652	-0.0154	-2.5 to 2.5	Pass
					3.85	-22.988	-0.0092	-2.5 to 2.5	Pass
					4.40	-4.420	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	9.627	0.0038	-2.5 to 2.5	Pass
				-20	3.85	13.776	0.0055	-2.5 to 2.5	Pass
				-10	3.85	18.382	0.0073	-2.5 to 2.5	Pass
				0	3.85	19.112	0.0076	-2.5 to 2.5	Pass
				10	3.85	15.278	0.0061	-2.5 to 2.5	Pass
				30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	-10.600	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-7.839	-0.0031	-2.5 to 2.5	Pass
	2535	100	0	20	3.4	21.601	0.0085	-2.5 to 2.5	Pass
					3.85	47.207	0.0186	-2.5 to 2.5	Pass
					4.40	9.212	0.0036	-2.5 to 2.5	Pass
				-30	3.85	27.595	0.0109	-2.5 to 2.5	Pass
				-20	3.85	42.086	0.0166	-2.5 to 2.5	Pass
				-10	3.85	44.289	0.0175	-2.5 to 2.5	Pass
				0	3.85	47.221	0.0186	-2.5 to 2.5	Pass
				10	3.85	17.881	0.0071	-2.5 to 2.5	Pass
				30	3.85	30.656	0.0121	-2.5 to 2.5	Pass
				40	3.85	38.567	0.0152	-2.5 to 2.5	Pass
				50	3.85	45.347	0.0179	-2.5 to 2.5	Pass
	2560	100	0	20	3.4	-54.631	-0.0213	-2.5 to 2.5	Pass
					3.85	-40.326	-0.0158	-2.5 to 2.5	Pass
					4.40	-36.879	-0.0144	-2.5 to 2.5	Pass
				-30	3.85	-41.571	-0.0162	-2.5 to 2.5	Pass
				-20	3.85	-27.008	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-20.914	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-19.612	-0.0077	-2.5 to 2.5	Pass

				10	3.85	-18.053	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-17.123	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-15.779	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-16.909	-0.0066	-2.5 to 2.5	Pass