

					6.6	35.892	0.0191	-2.5 to 2.5	Pass			
				-30	6.0	37.494	0.0199	-2.5 to 2.5	Pass			
				-20	6.0	38.753	0.0206	-2.5 to 2.5	Pass			
				-10	6.0	41.986	0.0223	-2.5 to 2.5	Pass			
				0	6.0	44.174	0.0235	-2.5 to 2.5	Pass			
				10	6.0	45.919	0.0244	-2.5 to 2.5	Pass			
				30	6.0	47.336	0.0252	-2.5 to 2.5	Pass			
				40	6.0	48.423	0.0258	-2.5 to 2.5	Pass			
				50	6.0	49.796	0.0265	-2.5 to 2.5	Pass			
	1907.5	6	0	20	5.4	-7.010	-0.0037	-2.5 to 2.5	Pass			
6.0					-4.306	-0.0023	-2.5 to 2.5	Pass				
6.6					-5.46	-0.0017	-2.5 to 2.5	Pass				
							-30	6.0	-1.988	-0.0010	-2.5 to 2.5	Pass
							-20	6.0	-0.958	-0.0005	-2.5 to 2.5	Pass
							-10	6.0	-0.057	0.0000	-2.5 to 2.5	Pass
							0	6.0	0.658	0.0003	-2.5 to 2.5	Pass
							10	6.0	1.631	0.0009	-2.5 to 2.5	Pass
							30	6.0	2.246	0.0012	-2.5 to 2.5	Pass
							40	6.0	2.704	0.0014	-2.5 to 2.5	Pass
							50	6.0	4.163	0.0022	-2.5 to 2.5	Pass

3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	6	0	20	5.4	-23.546	-0.0127	-2.5 to 2.5	Pass
					6.0	-26.665	-0.0144	-2.5 to 2.5	Pass

					6.6	-25.892	-0.0140	-2.5 to 2.5	Pass			
				-30	6.0	-25.377	-0.0137	-2.5 to 2.5	Pass			
				-20	6.0	-1.216	-0.0007	-2.5 to 2.5	Pass			
				-10	6.0	-0.014	0.0000	-2.5 to 2.5	Pass			
				0	6.0	5.021	0.0027	-2.5 to 2.5	Pass			
				10	6.0	9.112	0.0049	-2.5 to 2.5	Pass			
				30	6.0	15.378	0.0083	-2.5 to 2.5	Pass			
				40	6.0	21.286	0.0115	-2.5 to 2.5	Pass			
				50	6.0	27.466	0.0148	-2.5 to 2.5	Pass			
	1880	6	0	20	5.4	-18.482	-0.0098	-2.5 to 2.5	Pass			
6.0					-19.183	-0.0102	-2.5 to 2.5	Pass				
6.6					-19.240	-0.0102	-2.5 to 2.5	Pass				
							-30	6.0	-17.681	-0.0094	-2.5 to 2.5	Pass
							-20	6.0	-17.138	-0.0091	-2.5 to 2.5	Pass
							-10	6.0	-16.494	-0.0088	-2.5 to 2.5	Pass
							0	6.0	-15.793	-0.0084	-2.5 to 2.5	Pass
							10	6.0	-15.121	-0.0080	-2.5 to 2.5	Pass
							30	6.0	-14.791	-0.0079	-2.5 to 2.5	Pass
							40	6.0	-14.334	-0.0076	-2.5 to 2.5	Pass
							50	6.0	-13.719	-0.0073	-2.5 to 2.5	Pass
	1905	6	0	20	5.4	-42.558	-0.0223	-2.5 to 2.5	Pass			
6.0					-7.668	-0.0040	-2.5 to 2.5	Pass				
6.6					-6.881	-0.0036	-2.5 to 2.5	Pass				
							-30	6.0	-4.635	-0.0024	-2.5 to 2.5	Pass
							-20	6.0	-2.317	-0.0012	-2.5 to 2.5	Pass
							-10	6.0	-0.415	-0.0002	-2.5 to 2.5	Pass
							0	6.0	0.787	0.0004	-2.5 to 2.5	Pass
							10	6.0	2.933	0.0015	-2.5 to 2.5	Pass

				30	6.0	5.293	0.0028	-2.5 to 2.5	Pass
				40	6.0	7.067	0.0037	-2.5 to 2.5	Pass
				50	6.0	9.012	0.0047	-2.5 to 2.5	Pass
16QAM	1855	6	0	20	5.4	33.903	0.0183	-2.5 to 2.5	Pass
					6.0	39.010	0.0210	-2.5 to 2.5	Pass
					6.6	43.530	0.0235	-2.5 to 2.5	Pass
				-30	6.0	46.449	0.0250	-2.5 to 2.5	Pass
				-20	6.0	48.995	0.0264	-2.5 to 2.5	Pass
				-10	6.0	52.156	0.0281	-2.5 to 2.5	Pass
				0	6.0	54.889	0.0296	-2.5 to 2.5	Pass
				10	6.0	7.954	0.0043	-2.5 to 2.5	Pass
				30	6.0	9.341	0.0050	-2.5 to 2.5	Pass
				40	6.0	10.328	0.0056	-2.5 to 2.5	Pass
				50	6.0	11.244	0.0061	-2.5 to 2.5	Pass
				1880	6	0	20	5.4	-13.375
	6.0	-11.930	-0.0063					-2.5 to 2.5	Pass
	6.6	-11.601	-0.0062					-2.5 to 2.5	Pass
	-30	6.0	-11.573				-0.0062	-2.5 to 2.5	Pass
	-20	6.0	-11.587				-0.0062	-2.5 to 2.5	Pass
	-10	6.0	-10.786				-0.0057	-2.5 to 2.5	Pass
	0	6.0	-10.972				-0.0058	-2.5 to 2.5	Pass
	10	6.0	-11.201				-0.0060	-2.5 to 2.5	Pass
	30	6.0	-10.285				-0.0055	-2.5 to 2.5	Pass
	40	6.0	-10.314				-0.0055	-2.5 to 2.5	Pass
	50	6.0	-10.586				-0.0056	-2.5 to 2.5	Pass
	1905	6	0				20	5.4	11.687
				6.0	13.905	0.0073		-2.5 to 2.5	Pass
				6.6	14.877	0.0078		-2.5 to 2.5	Pass

				-30	6.0	14.377	0.0075	-2.5 to 2.5	Pass
				-20	6.0	14.162	0.0074	-2.5 to 2.5	Pass
				-10	6.0	15.879	0.0083	-2.5 to 2.5	Pass
				0	6.0	16.565	0.0087	-2.5 to 2.5	Pass
				10	6.0	17.824	0.0094	-2.5 to 2.5	Pass
				30	6.0	18.439	0.0097	-2.5 to 2.5	Pass
				40	6.0	19.455	0.0102	-2.5 to 2.5	Pass
				50	6.0	19.398	0.0102	-2.5 to 2.5	Pass

3.5 B2_15MHz

3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	6	0	20	5.4	-17.724	-0.0095	-2.5 to 2.5	Pass
					6.0	-20.871	-0.0112	-2.5 to 2.5	Pass
					6.6	-20.199	-0.0109	-2.5 to 2.5	Pass
				-30	6.0	-19.770	-0.0106	-2.5 to 2.5	Pass
				-20	6.0	-19.040	-0.0103	-2.5 to 2.5	Pass
				-10	6.0	-17.939	-0.0097	-2.5 to 2.5	Pass
				0	6.0	-16.165	-0.0087	-2.5 to 2.5	Pass
				10	6.0	-14.606	-0.0079	-2.5 to 2.5	Pass
				30	6.0	-13.461	-0.0072	-2.5 to 2.5	Pass
				40	6.0	-12.188	-0.0066	-2.5 to 2.5	Pass
	50	6.0	-10.571	-0.0057	-2.5 to 2.5	Pass			
	1880	6	0	20	5.4	12.503	0.0067	-2.5 to 2.5	Pass
					6.0	13.905	0.0074	-2.5 to 2.5	Pass
6.6					15.464	0.0082	-2.5 to 2.5	Pass	

				-30	6.0	17.524	0.0093	-2.5 to 2.5	Pass
				-20	6.0	19.240	0.0102	-2.5 to 2.5	Pass
				-10	6.0	19.813	0.0105	-2.5 to 2.5	Pass
				0	6.0	20.943	0.0111	-2.5 to 2.5	Pass
				10	6.0	21.386	0.0114	-2.5 to 2.5	Pass
				30	6.0	22.044	0.0117	-2.5 to 2.5	Pass
				40	6.0	23.303	0.0124	-2.5 to 2.5	Pass
				50	6.0	24.133	0.0128	-2.5 to 2.5	Pass
	1902.5	6	0	20	5.4	-44.889	-0.0236	-2.5 to 2.5	Pass
					6.0	-44.861	-0.0236	-2.5 to 2.5	Pass
					6.6	-43.573	-0.0229	-2.5 to 2.5	Pass
				-30	6.0	-41.599	-0.0219	-2.5 to 2.5	Pass
				-20	6.0	-39.597	-0.0208	-2.5 to 2.5	Pass
				-10	6.0	-37.737	-0.0198	-2.5 to 2.5	Pass
				0	6.0	-36.292	-0.0191	-2.5 to 2.5	Pass
				10	6.0	-32.959	-0.0173	-2.5 to 2.5	Pass
				30	6.0	-30.627	-0.0161	-2.5 to 2.5	Pass
				40	6.0	-29.140	-0.0153	-2.5 to 2.5	Pass
				50	6.0	-28.167	-0.0148	-2.5 to 2.5	Pass
16QAM	1857.5	6	0	20	5.4	-9.398	-0.0051	-2.5 to 2.5	Pass
					6.0	-6.909	-0.0037	-2.5 to 2.5	Pass
					6.6	-17.881	-0.0096	-2.5 to 2.5	Pass
				-30	6.0	-17.838	-0.0096	-2.5 to 2.5	Pass
				-20	6.0	-14.377	-0.0077	-2.5 to 2.5	Pass
				-10	6.0	-9.985	-0.0054	-2.5 to 2.5	Pass
				0	6.0	-6.995	-0.0038	-2.5 to 2.5	Pass
				10	6.0	-2.561	-0.0014	-2.5 to 2.5	Pass
				30	6.0	1.388	0.0007	-2.5 to 2.5	Pass

				40	6.0	3.905	0.0021	-2.5 to 2.5	Pass			
				50	6.0	9.270	0.0050	-2.5 to 2.5	Pass			
	1880	6	0	20	5.4	24.219	0.0129	-2.5 to 2.5	Pass			
					6.0	25.778	0.0137	-2.5 to 2.5	Pass			
					6.6	25.349	0.0135	-2.5 to 2.5	Pass			
							-30	6.0	26.464	0.0141	-2.5 to 2.5	Pass
							-20	6.0	26.851	0.0143	-2.5 to 2.5	Pass
							-10	6.0	27.251	0.0145	-2.5 to 2.5	Pass
							0	6.0	-12.975	-0.0069	-2.5 to 2.5	Pass
							10	6.0	-16.093	-0.0086	-2.5 to 2.5	Pass
							30	6.0	-16.665	-0.0089	-2.5 to 2.5	Pass
							40	6.0	-16.065	-0.0085	-2.5 to 2.5	Pass
							50	6.0	-16.551	-0.0088	-2.5 to 2.5	Pass
				1902.5	6	0	20	5.4	-25.864	-0.0136	-2.5 to 2.5	Pass
								6.0	-23.990	-0.0126	-2.5 to 2.5	Pass
	6.6	-23.389	-0.0123					-2.5 to 2.5	Pass			
							-30	6.0	-22.445	-0.0118	-2.5 to 2.5	Pass
							-20	6.0	-22.001	-0.0116	-2.5 to 2.5	Pass
							-10	6.0	-22.202	-0.0117	-2.5 to 2.5	Pass
							0	6.0	-20.542	-0.0108	-2.5 to 2.5	Pass
							10	6.0	-19.813	-0.0104	-2.5 to 2.5	Pass
							30	6.0	-18.725	-0.0098	-2.5 to 2.5	Pass
							40	6.0	-18.754	-0.0099	-2.5 to 2.5	Pass
							50	6.0	-18.239	-0.0096	-2.5 to 2.5	Pass

3.6 B2_20MHz

3.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	6	0	20	5.4	-25.749	-0.0138	-2.5 to 2.5	Pass
					6.0	-29.812	-0.0160	-2.5 to 2.5	Pass
					6.6	-41.456	-0.0223	-2.5 to 2.5	Pass
				-30	6.0	-34.475	-0.0185	-2.5 to 2.5	Pass
				-20	6.0	-26.336	-0.0142	-2.5 to 2.5	Pass
				-10	6.0	-18.854	-0.0101	-2.5 to 2.5	Pass
				0	6.0	-11.315	-0.0061	-2.5 to 2.5	Pass
				10	6.0	-2.303	-0.0012	-2.5 to 2.5	Pass
				30	6.0	4.120	0.0022	-2.5 to 2.5	Pass
				40	6.0	10.171	0.0055	-2.5 to 2.5	Pass
	50	6.0	13.905	0.0075	-2.5 to 2.5	Pass			
	1880	6	0	20	5.4	-54.803	-0.0292	-2.5 to 2.5	Pass
					6.0	-55.017	-0.0293	-2.5 to 2.5	Pass
					6.6	-54.474	-0.0290	-2.5 to 2.5	Pass
				-30	6.0	-54.045	-0.0287	-2.5 to 2.5	Pass
				-20	6.0	-53.287	-0.0283	-2.5 to 2.5	Pass
				-10	6.0	-52.400	-0.0279	-2.5 to 2.5	Pass
				0	6.0	-52.156	-0.0277	-2.5 to 2.5	Pass
				10	6.0	-51.813	-0.0276	-2.5 to 2.5	Pass
				30	6.0	-50.941	-0.0271	-2.5 to 2.5	Pass
40				6.0	-51.012	-0.0271	-2.5 to 2.5	Pass	
50	6.0	-50.612	-0.0269	-2.5 to 2.5	Pass				

	1900	6	0	20	5.4	-50.941	-0.0268	-2.5 to 2.5	Pass
					6.0	-51.727	-0.0272	-2.5 to 2.5	Pass
					6.6	-49.953	-0.0263	-2.5 to 2.5	Pass
				-30	6.0	-48.923	-0.0257	-2.5 to 2.5	Pass
				-20	6.0	-46.105	-0.0243	-2.5 to 2.5	Pass
				-10	6.0	-43.802	-0.0231	-2.5 to 2.5	Pass
				0	6.0	-41.757	-0.0220	-2.5 to 2.5	Pass
				10	6.0	-40.369	-0.0212	-2.5 to 2.5	Pass
				30	6.0	-37.808	-0.0199	-2.5 to 2.5	Pass
				40	6.0	-36.950	-0.0194	-2.5 to 2.5	Pass
				50	6.0	-35.791	-0.0188	-2.5 to 2.5	Pass
16QAM	1860	6	0	20	5.4	18.697	0.0101	-2.5 to 2.5	Pass
					6.0	22.631	0.0122	-2.5 to 2.5	Pass
					6.6	26.63	0.0131	-2.5 to 2.5	Pass
				-30	6.0	25.878	0.0139	-2.5 to 2.5	Pass
				-20	6.0	27.108	0.0146	-2.5 to 2.5	Pass
				-10	6.0	28.067	0.0151	-2.5 to 2.5	Pass
				0	6.0	29.211	0.0157	-2.5 to 2.5	Pass
				10	6.0	29.826	0.0160	-2.5 to 2.5	Pass
				30	6.0	30.742	0.0165	-2.5 to 2.5	Pass
				40	6.0	31.543	0.0170	-2.5 to 2.5	Pass
				50	6.0	31.986	0.0172	-2.5 to 2.5	Pass
	1880	6	0	20	5.4	-49.253	-0.0262	-2.5 to 2.5	Pass
					6.0	-49.696	-0.0264	-2.5 to 2.5	Pass
					6.6	-49.767	-0.0265	-2.5 to 2.5	Pass
				-30	6.0	-49.081	-0.0261	-2.5 to 2.5	Pass
				-20	6.0	-49.839	-0.0265	-2.5 to 2.5	Pass
				-10	6.0	-49.610	-0.0264	-2.5 to 2.5	Pass

				0	6.0	-49.038	-0.0261	-2.5 to 2.5	Pass			
				10	6.0	-49.210	-0.0262	-2.5 to 2.5	Pass			
				30	6.0	-49.009	-0.0261	-2.5 to 2.5	Pass			
				40	6.0	-48.022	-0.0255	-2.5 to 2.5	Pass			
				50	6.0	-48.537	-0.0258	-2.5 to 2.5	Pass			
	1900	6	0	20	5.4	-34.704	-0.0183	-2.5 to 2.5	Pass			
6.0					-33.588	-0.0177	-2.5 to 2.5	Pass				
6.6					-34.561	-0.0182	-2.5 to 2.5	Pass				
							-30	6.0	-33.631	-0.0177	-2.5 to 2.5	Pass
							-20	6.0	-33.875	-0.0178	-2.5 to 2.5	Pass
							-10	6.0	-34.547	-0.0182	-2.5 to 2.5	Pass
							0	6.0	-33.860	-0.0178	-2.5 to 2.5	Pass
							10	6.0	-34.089	-0.0179	-2.5 to 2.5	Pass
							30	6.0	-34.146	-0.0180	-2.5 to 2.5	Pass
							40	6.0	-34.418	-0.0181	-2.5 to 2.5	Pass
							50	6.0	-34.776	-0.0183	-2.5 to 2.5	Pass