				10	3.85	24.719	0.0143	-2.5 to 2.5	Pass
				30	3.85	24.204	0.0140	-2.5 to 2.5	Pass
				40	3.85	21.987	0.0127	-2.5 to 2.5	Pass
				50	3.85	23.217	0.0134	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	1.216	0.0007	-2.5 to 2.5	Pass
					3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.120	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-8.054	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-11.587	-0.0066	-2.5 to 2.5	Pass
				-10	3.85	-20.800	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-17.180	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-21.071	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-20.370	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-21.143	-0.0121	-2.5 to 2.5	Pass
				50	3.85	-30.313	-0.0174	-2.5 to 2.5	Pass

10. Frequency Stability

10.1 B40a_5MHz

10.1.1 Test Result

Band: 40a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2307.5	25	0	20	3.27	1.416	0.0006	-2.5 to 2.5	Pass
					3.85	2.060	0.0009	-2.5 to 2.5	Pass
					4.43	0.329	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-3.605	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.519	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.416	0.0006	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0024	-2.5 to 2.5	Pass
				30	3.85	0.930	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.044	0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.316	-0.0006	-2.5 to 2.5	Pass
	2310	25	0	20	3.27	0.458	0.0002	-2.5 to 2.5	Pass
					3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.346	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.017	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	1.788	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.286	-0.0001	-2.5 to 2.5	Pass
				30	3.85	3.433	0.0015	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.817	0.0008	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.27	11.072	0.0048	-2.5 to 2.5	Pass
					3.85	7.854	0.0034	-2.5 to 2.5	Pass
					4.43	8.254	0.0036	-2.5 to 2.5	Pass
				-30	3.85	7.010	0.0030	-2.5 to 2.5	Pass
				-20	3.85	10.343	0.0045	-2.5 to 2.5	Pass
				-10	3.85	8.268	0.0036	-2.5 to 2.5	Pass
				0	3.85	7.954	0.0034	-2.5 to 2.5	Pass
				10	3.85	12.345	0.0053	-2.5 to 2.5	Pass
				30	3.85	11.215	0.0048	-2.5 to 2.5	Pass

				40	3.85	14.920	0.0065	-2.5 to 2.5	Pass
				50	3.85	10.815	0.0047	-2.5 to 2.5	Pass
16QAM	2307.5	25	0	20	3.27	-14.391	-0.0062	-2.5 to 2.5	Pass
					3.85	-15.564	-0.0067	-2.5 to 2.5	Pass
					4.43	-15.879	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-13.490	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-14.806	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-14.677	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-18.024	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-13.719	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-13.275	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-12.145	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-14.348	-0.0062	-2.5 to 2.5	Pass
	2310	25	0	20	3.27	-3.920	-0.0017	-2.5 to 2.5	Pass
					3.85	3.433	0.0015	-2.5 to 2.5	Pass
					4.43	2.232	0.0010	-2.5 to 2.5	Pass
				-30	3.85	3.376	0.0015	-2.5 to 2.5	Pass
				-20	3.85	2.489	0.0011	-2.5 to 2.5	Pass
				-10	3.85	6.623	0.0029	-2.5 to 2.5	Pass
				0	3.85	6.866	0.0030	-2.5 to 2.5	Pass
				10	3.85	11.387	0.0049	-2.5 to 2.5	Pass
				30	3.85	15.321	0.0066	-2.5 to 2.5	Pass
				40	3.85	14.048	0.0061	-2.5 to 2.5	Pass
				50	3.85	15.078	0.0065	-2.5 to 2.5	Pass
	2312.5	25	0	20	3.27	9.599	0.0042	-2.5 to 2.5	Pass
					3.85	12.374	0.0054	-2.5 to 2.5	Pass
					4.43	14.763	0.0064	-2.5 to 2.5	Pass
				-30	3.85	14.091	0.0061	-2.5 to 2.5	Pass
				-20	3.85	18.597	0.0080	-2.5 to 2.5	Pass
				-10	3.85	20.771	0.0090	-2.5 to 2.5	Pass
				0	3.85	23.890	0.0103	-2.5 to 2.5	Pass
				10	3.85	24.819	0.0107	-2.5 to 2.5	Pass
				30	3.85	30.155	0.0130	-2.5 to 2.5	Pass
				40	3.85	32.716	0.0141	-2.5 to 2.5	Pass
				50	3.85	33.159	0.0143	-2.5 to 2.5	Pass

10.2 B40a_10MHz

10.2.1 Test Result

Band: 40a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2310	50	0	20	3.27	-8.941	-0.0039	-2.5 to 2.5	Pass
					3.85	-8.111	-0.0035	-2.5 to 2.5	Pass
					4.43	-6.709	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-2.003	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.060	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.958	0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.804	-0.0012	-2.5 to 2.5	Pass
				10	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.459	0.0006	-2.5 to 2.5	Pass
				40	3.85	6.251	0.0027	-2.5 to 2.5	Pass
				50	3.85	6.523	0.0028	-2.5 to 2.5	Pass
16QAM	2310	50	0	20	3.27	8.969	0.0039	-2.5 to 2.5	Pass
					3.85	7.911	0.0034	-2.5 to 2.5	Pass
					4.43	11.058	0.0048	-2.5 to 2.5	Pass

				-30	3.85	12.231	0.0053	-2.5 to 2.5	Pass
				-20	3.85	15.650	0.0068	-2.5 to 2.5	Pass
				-10	3.85	22.144	0.0096	-2.5 to 2.5	Pass
				0	3.85	21.057	0.0091	-2.5 to 2.5	Pass
				10	3.85	27.509	0.0119	-2.5 to 2.5	Pass
				30	3.85	31.157	0.0135	-2.5 to 2.5	Pass
				40	3.85	35.462	0.0154	-2.5 to 2.5	Pass
				50	3.85	43.788	0.0190	-2.5 to 2.5	Pass

11. Frequency Stability

11.1 B40b_5MHz

11.1.1 Test Result

Band: 40b / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2352.5	25	0	20	3.27	-5.221	-0.0022	-2.5 to 2.5	Pass
					3.85	-13.776	-0.0059	-2.5 to 2.5	Pass
					4.43	-10.557	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-17.238	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-12.188	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-17.796	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-24.247	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-25.306	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-28.653	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-40.541	-0.0172	-2.5 to 2.5	Pass
				50	3.85	-44.103	-0.0187	-2.5 to 2.5	Pass
	2355	25	0	20	3.27	-10.586	-0.0045	-2.5 to 2.5	Pass
					3.85	-20.471	-0.0087	-2.5 to 2.5	Pass
					4.43	-18.010	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-25.120	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-21.944	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-25.878	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-34.161	-0.0145	-2.5 to 2.5	Pass
				10	3.85	-37.565	-0.0160	-2.5 to 2.5	Pass
				30	3.85	-38.953	-0.0165	-2.5 to 2.5	Pass
				40	3.85	-43.516	-0.0185	-2.5 to 2.5	Pass
				50	3.85	-48.895	-0.0208	-2.5 to 2.5	Pass
	2357.5	25	0	20	3.27	-7.353	-0.0031	-2.5 to 2.5	Pass
					3.85	-6.437	-0.0027	-2.5 to 2.5	Pass
					4.43	-14.262	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-13.862	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-19.870	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-23.031	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-26.579	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-30.513	-0.0129	-2.5 to 2.5	Pass
				30	3.85	-30.227	-0.0128	-2.5 to 2.5	Pass
				40	3.85	-41.327	-0.0175	-2.5 to 2.5	Pass
				50	3.85	-45.805	-0.0194	-2.5 to 2.5	Pass
16QAM	2352.5	25	0	20	3.27	1.016	0.0004	-2.5 to 2.5	Pass
					3.85	-5.665	-0.0024	-2.5 to 2.5	Pass
					4.43	-1.330	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-5.364	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-2.618	-0.0011	-2.5 to 2.5	Pass

				-10	3.85	-5.622	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-9.470	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-9.727	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-9.170	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-11.945	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-13.733	-0.0058	-2.5 to 2.5	Pass
	2355	25	0	20	3.27	-24.619	-0.0105	-2.5 to 2.5	Pass
					3.85	-26.507	-0.0113	-2.5 to 2.5	Pass
					4.43	-28.381	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-24.204	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-21.687	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-23.990	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-26.779	-0.0114	-2.5 to 2.5	Pass
				10	3.85	-26.236	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-28.610	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-27.337	-0.0116	-2.5 to 2.5	Pass
				50	3.85	-30.799	-0.0131	-2.5 to 2.5	Pass
	2357.5	25	0	20	3.27	-3.147	-0.0013	-2.5 to 2.5	Pass
					3.85	-8.111	-0.0034	-2.5 to 2.5	Pass
					4.43	-9.155	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-4.478	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-8.297	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-10.772	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-10.486	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-9.770	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-9.155	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-13.204	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-17.982	-0.0076	-2.5 to 2.5	Pass

11.2 B40b_10MHz

11.2.1 Test Result

Band: 40b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2355	50	0	20	3.27	-9.813	-0.0042	-2.5 to 2.5	Pass
					3.85	-18.396	-0.0078	-2.5 to 2.5	Pass
					4.43	-17.910	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-26.436	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-30.284	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	-32.201	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-37.951	-0.0161	-2.5 to 2.5	Pass
				10	3.85	-40.369	-0.0171	-2.5 to 2.5	Pass
				30	3.85	-51.670	-0.0219	-2.5 to 2.5	Pass
				40	3.85	-2.503	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-11.902	-0.0051	-2.5 to 2.5	Pass
16QAM	2355	50	0	20	3.27	-8.454	-0.0036	-2.5 to 2.5	Pass
					3.85	-8.426	-0.0036	-2.5 to 2.5	Pass
					4.43	-8.125	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-8.311	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-11.759	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-12.803	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-19.441	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-18.339	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-20.986	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-26.350	-0.0112	-2.5 to 2.5	Pass

				50	3.85	-23.031	-0.0098	-2.5 to 2.5	Pass

12. Frequency Stability

12.1 B41_5MHz

12.1.1 Test Result

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2557.5	25	0	20	3.27	-8.612	-0.0034	-2.5 to 2.5	Pass
					3.85	-12.932	-0.0051	-2.5 to 2.5	Pass
					4.43	-11.759	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-6.266	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-4.721	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-6.008	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-7.467	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-9.713	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-5.221	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-9.699	-0.0038	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	5.865	0.0023	-2.5 to 2.5	Pass
					3.85	8.569	0.0033	-2.5 to 2.5	Pass
					4.43	10.257	0.0039	-2.5 to 2.5	Pass
				-30	3.85	7.839	0.0030	-2.5 to 2.5	Pass
				-20	3.85	9.599	0.0037	-2.5 to 2.5	Pass
				-10	3.85	15.635	0.0060	-2.5 to 2.5	Pass
				0	3.85	8.669	0.0033	-2.5 to 2.5	Pass
				10	3.85	18.296	0.0070	-2.5 to 2.5	Pass
				30	3.85	12.074	0.0046	-2.5 to 2.5	Pass
				40	3.85	10.171	0.0039	-2.5 to 2.5	Pass
				50	3.85	21.343	0.0082	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	1.745	0.0007	-2.5 to 2.5	Pass
					3.85	-5.779	-0.0022	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	3.862	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.631	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.575	0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				10	3.85	3.161	0.0012	-2.5 to 2.5	Pass
				30	3.85	3.819	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.217	0.0008	-2.5 to 2.5	Pass
				50	3.85	6.566	0.0025	-2.5 to 2.5	Pass
16QAM	2557.5	25	0	20	3.27	-2.389	-0.0009	-2.5 to 2.5	Pass
					3.85	-10.629	-0.0042	-2.5 to 2.5	Pass
					4.43	-9.127	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-7.110	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-5.894	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	0.715	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.486	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-6.666	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-5.136	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0015	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	18.811	0.0072	-2.5 to 2.5	Pass

					3.85	18.511	0.0071	-2.5 to 2.5	Pass
					4.43	17.910	0.0069	-2.5 to 2.5	Pass
				-30	3.85	17.667	0.0068	-2.5 to 2.5	Pass
				-20	3.85	22.802	0.0088	-2.5 to 2.5	Pass
				-10	3.85	19.326	0.0074	-2.5 to 2.5	Pass
				0	3.85	33.832	0.0130	-2.5 to 2.5	Pass
				10	3.85	24.934	0.0096	-2.5 to 2.5	Pass
				30	3.85	32.444	0.0125	-2.5 to 2.5	Pass
				40	3.85	26.379	0.0101	-2.5 to 2.5	Pass
				50	3.85	29.855	0.0115	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	0.615	0.0002	-2.5 to 2.5	Pass
					3.85	8.497	0.0032	-2.5 to 2.5	Pass
					4.43	6.294	0.0024	-2.5 to 2.5	Pass
				-30	3.85	7.639	0.0029	-2.5 to 2.5	Pass
				-20	3.85	11.115	0.0042	-2.5 to 2.5	Pass
				-10	3.85	5.350	0.0020	-2.5 to 2.5	Pass
				0	3.85	7.582	0.0029	-2.5 to 2.5	Pass
				10	3.85	5.922	0.0022	-2.5 to 2.5	Pass
				30	3.85	5.937	0.0022	-2.5 to 2.5	Pass
				40	3.85	5.522	0.0021	-2.5 to 2.5	Pass
				50	3.85	13.919	0.0052	-2.5 to 2.5	Pass

12.2 B41_10MHz

12.2.1 Test Result

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2560	50	0	20	3.27	-1.688	-0.0007	-2.5 to 2.5	Pass
					3.85	-9.627	-0.0038	-2.5 to 2.5	Pass
					4.43	-6.781	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-13.475	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-6.223	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-10.371	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-6.967	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.420	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-7.582	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-7.110	-0.0028	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	-7.396	-0.0028	-2.5 to 2.5	Pass
					3.85	-6.552	-0.0025	-2.5 to 2.5	Pass
					4.43	-9.885	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-7.296	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-8.183	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-9.470	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-6.609	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-9.127	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-13.390	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-10.715	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0019	-2.5 to 2.5	Pass
	2650	50	0	20	3.27	-13.790	-0.0052	-2.5 to 2.5	Pass
					3.85	-17.867	-0.0067	-2.5 to 2.5	Pass
					4.43	-19.355	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-19.698	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-12.231	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-15.564	-0.0059	-2.5 to 2.5	Pass

				0	3.85	-12.488	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-12.360	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-11.945	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-11.244	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-11.959	-0.0045	-2.5 to 2.5	Pass
16QAM	2560	50	0	20	3.27	-10.014	-0.0039	-2.5 to 2.5	Pass
					3.85	-11.573	-0.0045	-2.5 to 2.5	Pass
					4.43	-6.366	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-9.685	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-12.660	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-13.175	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-10.414	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-13.075	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-7.668	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-7.124	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-10.514	-0.0041	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	-6.466	-0.0025	-2.5 to 2.5	Pass
					3.85	-11.959	-0.0046	-2.5 to 2.5	Pass
					4.43	-7.195	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-7.567	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-4.992	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-4.263	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.659	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.174	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
	2650	50	0	20	3.27	-3.934	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0017	-2.5 to 2.5	Pass
					4.43	-6.866	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-9.928	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-8.297	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-5.436	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-10.428	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-7.339	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-10.228	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-8.454	-0.0032	-2.5 to 2.5	Pass

12.3 B41_15MHz

12.3.1 Test Result

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2562.5	75	0	20	3.27	-3.376	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.609	-0.0026	-2.5 to 2.5	Pass
					4.43	-5.050	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.131	-0.0008	-2.5 to 2.5	Pass
				10	3.85	2.203	0.0009	-2.5 to 2.5	Pass
				30	3.85	7.453	0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.732	-0.0011	-2.5 to 2.5	Pass
				50	3.85	2.460	0.0010	-2.5 to 2.5	Pass

	2605	75	0	20	3.27	-2.875	-0.0011	-2.5 to 2.5	Pass
					3.85	-3.233	-0.0012	-2.5 to 2.5	Pass
					4.43	-5.822	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.345	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-11.058	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-11.659	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-7.467	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-4.663	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-8.640	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-4.334	-0.0017	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	10.242	0.0039	-2.5 to 2.5	Pass
					3.85	10.285	0.0039	-2.5 to 2.5	Pass
					4.43	16.623	0.0063	-2.5 to 2.5	Pass
				-30	3.85	20.757	0.0078	-2.5 to 2.5	Pass
				-20	3.85	19.012	0.0072	-2.5 to 2.5	Pass
				-10	3.85	19.612	0.0074	-2.5 to 2.5	Pass
				0	3.85	18.711	0.0071	-2.5 to 2.5	Pass
				10	3.85	26.436	0.0100	-2.5 to 2.5	Pass
				30	3.85	27.165	0.0103	-2.5 to 2.5	Pass
				40	3.85	30.699	0.0116	-2.5 to 2.5	Pass
				50	3.85	19.784	0.0075	-2.5 to 2.5	Pass
16QAM	2562.5	75	0	20	3.27	0.229	0.0001	-2.5 to 2.5	Pass
					3.85	2.575	0.0010	-2.5 to 2.5	Pass
					4.43	-6.351	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0013	-2.5 to 2.5	Pass
				0	3.85	2.174	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.519	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-6.008	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-0.887	-0.0003	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	-7.653	-0.0029	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0024	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-5.064	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.834	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.862	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-9.198	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-8.826	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-4.435	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-7.725	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-11.158	-0.0043	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	24.776	0.0094	-2.5 to 2.5	Pass
					3.85	29.354	0.0111	-2.5 to 2.5	Pass
					4.43	22.831	0.0086	-2.5 to 2.5	Pass
				-30	3.85	17.052	0.0064	-2.5 to 2.5	Pass
				-20	3.85	23.046	0.0087	-2.5 to 2.5	Pass
				-10	3.85	29.798	0.0113	-2.5 to 2.5	Pass
				0	3.85	21.901	0.0083	-2.5 to 2.5	Pass
				10	3.85	21.029	0.0079	-2.5 to 2.5	Pass
				30	3.85	24.204	0.0091	-2.5 to 2.5	Pass
				40	3.85	25.864	0.0098	-2.5 to 2.5	Pass
				50	3.85	16.565	0.0063	-2.5 to 2.5	Pass

12.4 B41_20MHz

12.4.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2565	100	0	20	3.27	-5.236	-0.0020	-2.5 to 2.5	Pass
					3.85	-7.110	-0.0028	-2.5 to 2.5	Pass
					4.43	-0.930	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	2.131	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.505	0.0014	-2.5 to 2.5	Pass
				-10	3.85	6.051	0.0024	-2.5 to 2.5	Pass
				0	3.85	2.990	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.116	0.0004	-2.5 to 2.5	Pass
				30	3.85	4.492	0.0018	-2.5 to 2.5	Pass
				40	3.85	6.695	0.0026	-2.5 to 2.5	Pass
				50	3.85	4.578	0.0018	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	2.618	0.0010	-2.5 to 2.5	Pass
					3.85	-1.688	-0.0006	-2.5 to 2.5	Pass
					4.43	-6.251	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.789	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.161	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-5.436	-0.0021	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	4.034	0.0015	-2.5 to 2.5	Pass
					3.85	0.629	0.0002	-2.5 to 2.5	Pass
					4.43	7.854	0.0030	-2.5 to 2.5	Pass
				-30	3.85	10.772	0.0041	-2.5 to 2.5	Pass
				-20	3.85	11.830	0.0045	-2.5 to 2.5	Pass
				-10	3.85	15.421	0.0058	-2.5 to 2.5	Pass
				0	3.85	16.537	0.0063	-2.5 to 2.5	Pass
				10	3.85	19.326	0.0073	-2.5 to 2.5	Pass
				30	3.85	20.614	0.0078	-2.5 to 2.5	Pass
				40	3.85	18.225	0.0069	-2.5 to 2.5	Pass
				50	3.85	23.603	0.0089	-2.5 to 2.5	Pass
16QAM	2565	100	0	20	3.27	4.163	0.0016	-2.5 to 2.5	Pass
					3.85	3.448	0.0013	-2.5 to 2.5	Pass
					4.43	5.479	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-2.031	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.204	0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.817	-0.0007	-2.5 to 2.5	Pass
				10	3.85	0.887	0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				40	3.85	3.076	0.0012	-2.5 to 2.5	Pass
				50	3.85	3.533	0.0014	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	0.143	0.0001	-2.5 to 2.5	Pass
					3.85	-3.390	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-5.136	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-5.765	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.290	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-8.554	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.546	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-11.988	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-4.964	-0.0019	-2.5 to 2.5	Pass

				50	3.85	-8.526	-0.0033	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	22.287	0.0084	-2.5 to 2.5	Pass
					3.85	22.001	0.0083	-2.5 to 2.5	Pass
					4.43	19.755	0.0075	-2.5 to 2.5	Pass
				-30	3.85	20.070	0.0076	-2.5 to 2.5	Pass
				-20	3.85	17.924	0.0068	-2.5 to 2.5	Pass
				-10	3.85	19.498	0.0074	-2.5 to 2.5	Pass
				0	3.85	17.009	0.0064	-2.5 to 2.5	Pass
				10	3.85	18.840	0.0071	-2.5 to 2.5	Pass
				30	3.85	15.793	0.0060	-2.5 to 2.5	Pass
				40	3.85	14.663	0.0055	-2.5 to 2.5	Pass
				50	3.85	12.288	0.0046	-2.5 to 2.5	Pass

13. Frequency Stability

13.1 B5_1.4MHz

13.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-1.073	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0034	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-4.621	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	2.418	0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.531	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.259	-0.0015	-2.5 to 2.5	Pass
				10	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				30	3.85	-4.621	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-5.465	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	17.095	0.0204	-2.5 to 2.5	Pass
					3.85	13.132	0.0157	-2.5 to 2.5	Pass
					4.43	12.188	0.0146	-2.5 to 2.5	Pass
				-30	3.85	15.922	0.0190	-2.5 to 2.5	Pass
				-20	3.85	9.341	0.0112	-2.5 to 2.5	Pass
				-10	3.85	12.288	0.0147	-2.5 to 2.5	Pass
				0	3.85	7.968	0.0095	-2.5 to 2.5	Pass
				10	3.85	5.851	0.0070	-2.5 to 2.5	Pass
				30	3.85	3.676	0.0044	-2.5 to 2.5	Pass
				40	3.85	-4.406	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0045	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	0.658	0.0008	-2.5 to 2.5	Pass
					3.85	2.346	0.0028	-2.5 to 2.5	Pass
					4.43	-4.649	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-9.041	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-8.698	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-13.361	-0.0158	-2.5 to 2.5	Pass
				0	3.85	-12.302	-0.0145	-2.5 to 2.5	Pass
				10	3.85	-13.075	-0.0154	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-15.464	-0.0182	-2.5 to 2.5	Pass
				50	3.85	-15.349	-0.0181	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-1.116	-0.0014	-2.5 to 2.5	Pass

					3.85	0.272	0.0003	-2.5 to 2.5	Pass
					4.43	2.732	0.0033	-2.5 to 2.5	Pass
				-30	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.631	0.0020	-2.5 to 2.5	Pass
				-10	3.85	5.407	0.0066	-2.5 to 2.5	Pass
				0	3.85	5.736	0.0070	-2.5 to 2.5	Pass
				10	3.85	6.294	0.0076	-2.5 to 2.5	Pass
				30	3.85	5.608	0.0068	-2.5 to 2.5	Pass
				40	3.85	6.022	0.0073	-2.5 to 2.5	Pass
				50	3.85	10.386	0.0126	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-5.693	-0.0068	-2.5 to 2.5	Pass
					3.85	-8.483	-0.0101	-2.5 to 2.5	Pass
					4.43	-0.386	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-9.384	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-12.946	-0.0155	-2.5 to 2.5	Pass
				-10	3.85	-12.617	-0.0151	-2.5 to 2.5	Pass
				0	3.85	-16.122	-0.0193	-2.5 to 2.5	Pass
				10	3.85	-16.780	-0.0201	-2.5 to 2.5	Pass
				30	3.85	-16.451	-0.0197	-2.5 to 2.5	Pass
				40	3.85	-14.920	-0.0178	-2.5 to 2.5	Pass
				50	3.85	-18.182	-0.0217	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-15.063	-0.0178	-2.5 to 2.5	Pass
					3.85	-17.638	-0.0208	-2.5 to 2.5	Pass
					4.43	-13.676	-0.0161	-2.5 to 2.5	Pass
				-30	3.85	-15.907	-0.0188	-2.5 to 2.5	Pass
				-20	3.85	-16.866	-0.0199	-2.5 to 2.5	Pass
				-10	3.85	-17.481	-0.0206	-2.5 to 2.5	Pass
				0	3.85	-18.811	-0.0222	-2.5 to 2.5	Pass
				10	3.85	-19.398	-0.0229	-2.5 to 2.5	Pass
				30	3.85	-15.564	-0.0183	-2.5 to 2.5	Pass
				40	3.85	-15.607	-0.0184	-2.5 to 2.5	Pass
				50	3.85	-16.751	-0.0197	-2.5 to 2.5	Pass

13.2 B5_3MHz

13.2.1 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	-4.334	-0.0053	-2.5 to 2.5	Pass
					3.85	-11.201	-0.0136	-2.5 to 2.5	Pass
					4.43	-14.334	-0.0174	-2.5 to 2.5	Pass
				-30	3.85	-11.029	-0.0134	-2.5 to 2.5	Pass
				-20	3.85	-12.045	-0.0146	-2.5 to 2.5	Pass
				-10	3.85	-11.444	-0.0139	-2.5 to 2.5	Pass
				0	3.85	-18.139	-0.0220	-2.5 to 2.5	Pass
				10	3.85	-16.723	-0.0203	-2.5 to 2.5	Pass
				30	3.85	-17.924	-0.0217	-2.5 to 2.5	Pass
				40	3.85	-15.779	-0.0191	-2.5 to 2.5	Pass
				50	3.85	-15.435	-0.0187	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.558	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.532	-0.0030	-2.5 to 2.5	Pass
					4.43	-1.030	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	8.669	0.0104	-2.5 to 2.5	Pass
				-20	3.85	5.636	0.0067	-2.5 to 2.5	Pass
				-10	3.85	6.380	0.0076	-2.5 to 2.5	Pass

				0	3.85	6.952	0.0083	-2.5 to 2.5	Pass
				10	3.85	6.266	0.0075	-2.5 to 2.5	Pass
				30	3.85	4.864	0.0058	-2.5 to 2.5	Pass
				40	3.85	3.905	0.0047	-2.5 to 2.5	Pass
				50	3.85	0.644	0.0008	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-5.078	-0.0060	-2.5 to 2.5	Pass
					3.85	-7.682	-0.0091	-2.5 to 2.5	Pass
					4.43	-9.828	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-10.614	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	-11.287	-0.0133	-2.5 to 2.5	Pass
				-10	3.85	-11.988	-0.0141	-2.5 to 2.5	Pass
				0	3.85	-11.230	-0.0133	-2.5 to 2.5	Pass
				10	3.85	-9.785	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-11.258	-0.0133	-2.5 to 2.5	Pass
				40	3.85	-9.727	-0.0115	-2.5 to 2.5	Pass
				50	3.85	-9.098	-0.0107	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-18.268	-0.0221	-2.5 to 2.5	Pass
					3.85	-15.364	-0.0186	-2.5 to 2.5	Pass
					4.43	-16.408	-0.0199	-2.5 to 2.5	Pass
				-30	3.85	-18.525	-0.0224	-2.5 to 2.5	Pass
				-20	3.85	-18.725	-0.0227	-2.5 to 2.5	Pass
				-10	3.85	-15.464	-0.0187	-2.5 to 2.5	Pass
				0	3.85	-10.929	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-13.661	-0.0165	-2.5 to 2.5	Pass
				30	3.85	-14.348	-0.0174	-2.5 to 2.5	Pass
				40	3.85	-10.114	-0.0123	-2.5 to 2.5	Pass
				50	3.85	-14.448	-0.0175	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-1.373	-0.0016	-2.5 to 2.5	Pass
					3.85	-1.931	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.117	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.734	0.0045	-2.5 to 2.5	Pass
				0	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.587	0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-2.360	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.030	-0.0012	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-7.939	-0.0094	-2.5 to 2.5	Pass
					3.85	-5.794	-0.0068	-2.5 to 2.5	Pass
					4.43	-7.496	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-7.567	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-7.610	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-4.950	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-12.217	-0.0144	-2.5 to 2.5	Pass
				10	3.85	-9.499	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-8.626	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-8.111	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-8.025	-0.0095	-2.5 to 2.5	Pass

13.3 B5_5MHz

13.3.1 Test Result

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	826.5	25	0	20	3.27	-8.540	-0.0103	-2.5 to 2.5	Pass
					3.85	-11.873	-0.0144	-2.5 to 2.5	Pass
					4.43	-11.787	-0.0143	-2.5 to 2.5	Pass
				-30	3.85	-9.155	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-8.168	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-7.825	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-7.195	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-7.796	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-7.424	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-8.411	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-9.098	-0.0110	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-1.917	-0.0023	-2.5 to 2.5	Pass
					3.85	-7.610	-0.0091	-2.5 to 2.5	Pass
					4.43	-6.895	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-8.097	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-6.852	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-4.091	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-8.225	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-4.921	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-6.909	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-9.956	-0.0119	-2.5 to 2.5	Pass
				50	3.85	-10.171	-0.0122	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-2.832	-0.0033	-2.5 to 2.5	Pass
					3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
					4.43	-1.717	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-1.559	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-3.376	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-2.604	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-3.633	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-1.345	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.717	-0.0020	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-7.324	-0.0089	-2.5 to 2.5	Pass
					3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
					4.43	-9.170	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-10.128	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-7.553	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-7.281	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-6.294	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-6.409	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-2.189	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0059	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-12.589	-0.0150	-2.5 to 2.5	Pass
					3.85	-7.868	-0.0094	-2.5 to 2.5	Pass
					4.43	-11.702	-0.0140	-2.5 to 2.5	Pass
				-30	3.85	-8.640	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-11.930	-0.0143	-2.5 to 2.5	Pass
				-10	3.85	-5.622	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-11.730	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-11.816	-0.0141	-2.5 to 2.5	Pass
				30	3.85	-11.086	-0.0133	-2.5 to 2.5	Pass
				40	3.85	-11.659	-0.0139	-2.5 to 2.5	Pass
				50	3.85	-12.689	-0.0152	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-2.832	-0.0033	-2.5 to 2.5	Pass
					3.85	-5.565	-0.0066	-2.5 to 2.5	Pass
					4.43	-4.849	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-2.975	-0.0035	-2.5 to 2.5	Pass

				-20	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-4.120	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-3.748	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				50	3.85	6.652	0.0079	-2.5 to 2.5	Pass

13.4 B5_10MHz

13.4.1 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	-0.787	-0.0009	-2.5 to 2.5	Pass
					3.85	0.944	0.0011	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-1.073	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-4.077	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-2.432	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.747	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-3.333	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0030	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	2.046	0.0024	-2.5 to 2.5	Pass
					3.85	1.717	0.0021	-2.5 to 2.5	Pass
					4.43	5.565	0.0067	-2.5 to 2.5	Pass
				-30	3.85	-0.873	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	5.322	0.0064	-2.5 to 2.5	Pass
				-10	3.85	1.001	0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.190	-0.0038	-2.5 to 2.5	Pass
				30	3.85	4.249	0.0051	-2.5 to 2.5	Pass
				40	3.85	2.661	0.0032	-2.5 to 2.5	Pass
				50	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-8.941	-0.0106	-2.5 to 2.5	Pass
					3.85	-8.368	-0.0099	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-9.027	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-7.181	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-4.220	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-1.960	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-4.821	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-6.094	-0.0072	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-6.137	-0.0074	-2.5 to 2.5	Pass
					3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.718	0.0033	-2.5 to 2.5	Pass
				0	3.85	-3.133	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-1.588	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.475	-0.0030	-2.5 to 2.5	Pass

				40	3.85	-2.861	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-2.074	-0.0025	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-2.089	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.489	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	0.458	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.044	0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.161	-0.0038	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-3.018	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.221	-0.0062	-2.5 to 2.5	Pass
					4.43	1.159	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-6.409	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-3.505	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0033	-2.5 to 2.5	Pass
				30	3.85	0.973	0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.343	0.0004	-2.5 to 2.5	Pass

14. Frequency Stability

14.1 B7_5MHz

14.1.1 Test Result

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.27	-24.662	-0.0099	-2.5 to 2.5	Pass
					3.85	-28.439	-0.0114	-2.5 to 2.5	Pass
					4.43	-34.060	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-35.234	-0.0141	-2.5 to 2.5	Pass
				-20	3.85	-33.846	-0.0135	-2.5 to 2.5	Pass
				-10	3.85	-36.478	-0.0146	-2.5 to 2.5	Pass
				0	3.85	-30.055	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-40.684	-0.0163	-2.5 to 2.5	Pass
				30	3.85	-37.022	-0.0148	-2.5 to 2.5	Pass
				40	3.85	-46.606	-0.0186	-2.5 to 2.5	Pass
				50	3.85	-42.801	-0.0171	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-2.990	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
					4.43	-5.708	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-7.553	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-6.452	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-9.284	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.220	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-9.484	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-12.159	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-8.411	-0.0033	-2.5 to 2.5	Pass

	2567.5	25	0	20	3.27	-1.731	-0.0007	-2.5 to 2.5	Pass
					3.85	-4.263	-0.0017	-2.5 to 2.5	Pass
					4.43	-9.627	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-9.613	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-13.347	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-10.972	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-16.608	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-13.876	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-12.960	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-18.268	-0.0071	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-47.007	-0.0188	-2.5 to 2.5	Pass
					3.85	-50.197	-0.0201	-2.5 to 2.5	Pass
					4.43	16.322	0.0065	-2.5 to 2.5	Pass
				-30	3.85	8.655	0.0035	-2.5 to 2.5	Pass
				-20	3.85	9.770	0.0039	-2.5 to 2.5	Pass
				-10	3.85	7.267	0.0029	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.558	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.818	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.748	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-10.099	-0.0040	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-14.277	-0.0056	-2.5 to 2.5	Pass
					3.85	-4.063	-0.0016	-2.5 to 2.5	Pass
					4.43	-11.659	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-9.871	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-7.181	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-1.574	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-7.324	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-9.255	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-10.700	-0.0042	-2.5 to 2.5	Pass
				40	3.85	1.845	0.0007	-2.5 to 2.5	Pass
				50	3.85	-7.052	-0.0028	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-17.424	-0.0068	-2.5 to 2.5	Pass
					3.85	-15.364	-0.0060	-2.5 to 2.5	Pass
					4.43	-25.291	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-18.454	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-21.873	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-25.849	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-23.389	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-23.103	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-22.802	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-27.123	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-27.123	-0.0106	-2.5 to 2.5	Pass

14.2 B7_10MHz

14.2.1 Test Result

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	3.27	12.889	0.0051	-2.5 to 2.5	Pass
					3.85	-0.114	0.0000	-2.5 to 2.5	Pass
					4.43	5.007	0.0020	-2.5 to 2.5	Pass
				-30	3.85	9.069	0.0036	-2.5 to 2.5	Pass
				-20	3.85	-5.908	-0.0024	-2.5 to 2.5	Pass

				-10	3.85	0.758	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.815	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-8.526	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-5.021	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-10.028	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-9.170	-0.0037	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	5.093	0.0020	-2.5 to 2.5	Pass
					3.85	5.107	0.0020	-2.5 to 2.5	Pass
					4.43	0.629	0.0002	-2.5 to 2.5	Pass
				-30	3.85	3.619	0.0014	-2.5 to 2.5	Pass
				-20	3.85	6.480	0.0026	-2.5 to 2.5	Pass
				-10	3.85	6.809	0.0027	-2.5 to 2.5	Pass
				0	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				10	3.85	3.319	0.0013	-2.5 to 2.5	Pass
				30	3.85	5.093	0.0020	-2.5 to 2.5	Pass
				40	3.85	4.334	0.0017	-2.5 to 2.5	Pass
				50	3.85	1.702	0.0007	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-16.766	-0.0065	-2.5 to 2.5	Pass
					3.85	-22.373	-0.0087	-2.5 to 2.5	Pass
					4.43	-24.247	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-28.524	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-25.492	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-33.031	-0.0129	-2.5 to 2.5	Pass
				0	3.85	-28.439	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-28.582	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-33.431	-0.0130	-2.5 to 2.5	Pass
				40	3.85	-26.379	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-38.195	-0.0149	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-2.460	-0.0010	-2.5 to 2.5	Pass
					3.85	-13.046	-0.0052	-2.5 to 2.5	Pass
					4.43	-12.603	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-13.103	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-13.676	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-9.084	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-17.653	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-18.811	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-16.522	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-15.779	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-18.854	-0.0075	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	1.960	0.0008	-2.5 to 2.5	Pass
					3.85	5.164	0.0020	-2.5 to 2.5	Pass
					4.43	15.593	0.0062	-2.5 to 2.5	Pass
				-30	3.85	10.915	0.0043	-2.5 to 2.5	Pass
				-20	3.85	6.351	0.0025	-2.5 to 2.5	Pass
				-10	3.85	2.747	0.0011	-2.5 to 2.5	Pass
				0	3.85	3.362	0.0013	-2.5 to 2.5	Pass
				10	3.85	13.404	0.0053	-2.5 to 2.5	Pass
				30	3.85	13.661	0.0054	-2.5 to 2.5	Pass
				40	3.85	13.218	0.0052	-2.5 to 2.5	Pass
				50	3.85	10.958	0.0043	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-35.319	-0.0138	-2.5 to 2.5	Pass
					3.85	-36.421	-0.0142	-2.5 to 2.5	Pass
					4.43	-37.823	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-32.086	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	-31.929	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-34.647	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-42.171	-0.0164	-2.5 to 2.5	Pass
				10	3.85	-33.617	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-43.631	-0.0170	-2.5 to 2.5	Pass

				40	3.85	-37.422	-0.0146	-2.5 to 2.5	Pass
				50	3.85	-39.496	-0.0154	-2.5 to 2.5	Pass

14.3 B7_15MHz

14.3.1 Test Result

Band: 7 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2507.5	75	0	20	3.27	5.393	0.0022	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0017	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	3.605	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-0.687	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-3.104	-0.0012	-2.5 to 2.5	Pass
				10	3.85	2.503	0.0010	-2.5 to 2.5	Pass
				30	3.85	-7.195	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.289	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.561	-0.0010	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	11.916	0.0047	-2.5 to 2.5	Pass
					3.85	8.068	0.0032	-2.5 to 2.5	Pass
					4.43	9.270	0.0037	-2.5 to 2.5	Pass
				-30	3.85	7.510	0.0030	-2.5 to 2.5	Pass
				-20	3.85	12.488	0.0049	-2.5 to 2.5	Pass
				-10	3.85	18.282	0.0072	-2.5 to 2.5	Pass
				0	3.85	14.591	0.0058	-2.5 to 2.5	Pass
				10	3.85	10.643	0.0042	-2.5 to 2.5	Pass
				30	3.85	7.710	0.0030	-2.5 to 2.5	Pass
				40	3.85	9.999	0.0039	-2.5 to 2.5	Pass
				50	3.85	10.028	0.0040	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-0.958	-0.0004	-2.5 to 2.5	Pass
					3.85	3.033	0.0012	-2.5 to 2.5	Pass
					4.43	0.830	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-5.178	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-6.065	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.100	0.0000	-2.5 to 2.5	Pass
				30	3.85	-4.749	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-8.440	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-11.873	-0.0046	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-4.406	-0.0018	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					4.43	-3.834	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.646	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-7.095	-0.0028	-2.5 to 2.5	Pass
				10	3.85	2.875	0.0011	-2.5 to 2.5	Pass
				30	3.85	-9.112	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-11.301	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-11.959	-0.0048	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	12.474	0.0049	-2.5 to 2.5	Pass
					3.85	11.902	0.0047	-2.5 to 2.5	Pass
					4.43	12.846	0.0051	-2.5 to 2.5	Pass

				-30	3.85	8.311	0.0033	-2.5 to 2.5	Pass
				-20	3.85	9.241	0.0036	-2.5 to 2.5	Pass
				-10	3.85	7.925	0.0031	-2.5 to 2.5	Pass
				0	3.85	13.318	0.0053	-2.5 to 2.5	Pass
				10	3.85	20.814	0.0082	-2.5 to 2.5	Pass
				30	3.85	19.898	0.0078	-2.5 to 2.5	Pass
				40	3.85	22.573	0.0089	-2.5 to 2.5	Pass
				50	3.85	22.058	0.0087	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-7.281	-0.0028	-2.5 to 2.5	Pass
					3.85	-9.398	-0.0037	-2.5 to 2.5	Pass
					4.43	-8.426	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-12.374	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-10.400	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-13.332	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-15.306	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-12.074	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-13.075	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-14.133	-0.0055	-2.5 to 2.5	Pass

14.4 B7_20MHz

14.4.1 Test Result

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.27	-0.658	-0.0003	-2.5 to 2.5	Pass
					3.85	-12.145	-0.0048	-2.5 to 2.5	Pass
					4.43	-13.876	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-20.900	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-9.613	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-14.734	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-16.651	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-15.492	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-18.110	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-15.764	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-17.095	-0.0068	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	3.505	0.0014	-2.5 to 2.5	Pass
					3.85	3.133	0.0012	-2.5 to 2.5	Pass
					4.43	5.221	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.247	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.616	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.488	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.775	0.0011	-2.5 to 2.5	Pass
				30	3.85	12.860	0.0051	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0001	-2.5 to 2.5	Pass
				50	3.85	3.934	0.0016	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-0.129	-0.0001	-2.5 to 2.5	Pass
					3.85	-10.614	-0.0041	-2.5 to 2.5	Pass
					4.43	-0.830	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-9.327	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-6.180	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-7.124	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-8.311	-0.0032	-2.5 to 2.5	Pass

				30	3.85	-8.440	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-20.943	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-11.287	-0.0044	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	-10.586	-0.0042	-2.5 to 2.5	Pass
					3.85	-12.860	-0.0051	-2.5 to 2.5	Pass
					4.43	-11.773	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-14.062	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-10.300	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-13.647	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-12.774	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-14.620	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-18.110	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-19.584	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-12.631	-0.0050	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	4.649	0.0018	-2.5 to 2.5	Pass
					3.85	3.791	0.0015	-2.5 to 2.5	Pass
					4.43	10.858	0.0043	-2.5 to 2.5	Pass
				-30	3.85	6.666	0.0026	-2.5 to 2.5	Pass
				-20	3.85	7.296	0.0029	-2.5 to 2.5	Pass
				-10	3.85	13.061	0.0052	-2.5 to 2.5	Pass
				0	3.85	6.509	0.0026	-2.5 to 2.5	Pass
				10	3.85	15.249	0.0060	-2.5 to 2.5	Pass
				30	3.85	9.928	0.0039	-2.5 to 2.5	Pass
				40	3.85	10.886	0.0043	-2.5 to 2.5	Pass
				50	3.85	17.195	0.0068	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-9.184	-0.0036	-2.5 to 2.5	Pass
					3.85	-15.907	-0.0062	-2.5 to 2.5	Pass
					4.43	-18.811	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-12.417	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-10.886	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-16.365	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-15.693	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-11.630	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-18.826	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-18.640	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-18.311	-0.0072	-2.5 to 2.5	Pass