

## LTE Cat NB Appendix-Frequency Stability

Band: 2 / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	-1.436	-0.0008	-2.5 to 2.5	Pass
					3.70	-3.073	-0.0017	-2.5 to 2.5	Pass
					4.20	-4.424	-0.0024	-2.5 to 2.5	Pass
				-30	3.70	-1.075	-0.0006	-2.5 to 2.5	Pass
					-20	3.70	1.121	0.0006	-2.5 to 2.5
				-10	3.70	0.583	0.0003	-2.5 to 2.5	Pass
				0	3.70	0.248	0.0001	-2.5 to 2.5	Pass
				10	3.70	3.046	0.0016	-2.5 to 2.5	Pass
				30	3.70	-0.962	-0.0005	-2.5 to 2.5	Pass
				40	3.70	3.654	0.002	-2.5 to 2.5	Pass
	50	3.70	-1.643	-0.0009	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-1.165	-0.0006	-2.5 to 2.5	Pass
					3.70	2.628	0.0014	-2.5 to 2.5	Pass
					4.20	3.175	0.0017	-2.5 to 2.5	Pass
				-30	3.70	-4.5	-0.0024	-2.5 to 2.5	Pass
					-20	3.70	-1.368	-0.0007	-2.5 to 2.5
				-10	3.70	0.041	0	-2.5 to 2.5	Pass
				0	3.70	0.431	0.0002	-2.5 to 2.5	Pass
				10	3.70	-1.402	-0.0007	-2.5 to 2.5	Pass
				30	3.70	-1.507	-0.0008	-2.5 to 2.5	Pass
				40	3.70	-2.202	-0.0012	-2.5 to 2.5	Pass
	50	3.70	1.376	0.0007	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	-2.008	-0.0011	-2.5 to 2.5	Pass
					3.70	0.507	0.0003	-2.5 to 2.5	Pass
					4.20	-2.446	-0.0013	-2.5 to 2.5	Pass
				-30	3.70	2.467	0.0013	-2.5 to 2.5	Pass
					-20	3.70	2.393	0.0013	-2.5 to 2.5
				-10	3.70	2.347	0.0012	-2.5 to 2.5	Pass
				0	3.70	-2.534	-0.0013	-2.5 to 2.5	Pass
				10	3.70	4.844	0.0025	-2.5 to 2.5	Pass
30				3.70	-2.784	-0.0015	-2.5 to 2.5	Pass	
40				3.70	-3.229	-0.0017	-2.5 to 2.5	Pass	
50	3.70	-2.354	-0.0012	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-3.717	-0.002	-2.5 to 2.5	Pass
					3.70	1.826	0.001	-2.5 to 2.5	Pass
					4.20	3.754	0.002	-2.5 to 2.5	Pass
				-30	3.70	-1.003	-0.0005	-2.5 to 2.5	Pass
					-20	3.70	1.003	0.0005	-2.5 to 2.5
				-10	3.70	-2.56	-0.0014	-2.5 to 2.5	Pass
				0	3.70	0.622	0.0003	-2.5 to 2.5	Pass
				10	3.70	4.033	0.0022	-2.5 to 2.5	Pass
				30	3.70	0.014	0	-2.5 to 2.5	Pass
	40	3.70	-0.184	-0.0001	-2.5 to 2.5	Pass			
	50	3.70	-1.184	-0.0006	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-4.185	-0.0022	-2.5 to 2.5	Pass
					3.70	4.185	0.0022	-2.5 to 2.5	Pass
					4.20	0.584	0.0003	-2.5 to 2.5	Pass
				-30	3.70	4.543	0.0024	-2.5 to 2.5	Pass
					-20	3.70	3.311	0.0018	-2.5 to 2.5
				-10	3.70	0.632	0.0003	-2.5 to 2.5	Pass
				0	3.70	-1.091	-0.0006	-2.5 to 2.5	Pass

				10	3.70	-3.502	-0.0019	-2.5 to 2.5	Pass
				30	3.70	-4.586	-0.0024	-2.5 to 2.5	Pass
				40	3.70	4.131	0.0022	-2.5 to 2.5	Pass
				50	3.70	-0.213	-0.0001	-2.5 to 2.5	Pass
	H	1	47	20	3.20	-2.43	-0.0013	-2.5 to 2.5	Pass
					3.70	3.027	0.0016	-2.5 to 2.5	Pass
					4.20	-3.298	-0.0017	-2.5 to 2.5	Pass
				-30	3.70	4.622	0.0024	-2.5 to 2.5	Pass
				-20	3.70	-4.597	-0.0024	-2.5 to 2.5	Pass
				-10	3.70	0.873	0.0005	-2.5 to 2.5	Pass
				0	3.70	2.544	0.0013	-2.5 to 2.5	Pass
				10	3.70	3.403	0.0018	-2.5 to 2.5	Pass
				30	3.70	1.313	0.0007	-2.5 to 2.5	Pass
				40	3.70	-4.54	-0.0024	-2.5 to 2.5	Pass
50	3.70	-0.483	-0.0003	-2.5 to 2.5	Pass				

Band: 2 / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	-3.472	-0.0019	-2.5 to 2.5	Pass
					3.70	1.543	0.0008	-2.5 to 2.5	Pass
					4.20	-0.796	-0.0004	-2.5 to 2.5	Pass
				-30	3.70	1.072	0.0006	-2.5 to 2.5	Pass
				-20	3.70	-0.085	0	-2.5 to 2.5	Pass
				-10	3.70	4.739	0.0026	-2.5 to 2.5	Pass
				0	3.70	3.638	0.002	-2.5 to 2.5	Pass
				10	3.70	-0.545	-0.0003	-2.5 to 2.5	Pass
				30	3.70	0.667	0.0004	-2.5 to 2.5	Pass
				40	3.70	2.434	0.0013	-2.5 to 2.5	Pass
	50	3.70	4.125	0.0022	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	-4.189	-0.0022	-2.5 to 2.5	Pass
					3.70	-0.124	-0.0001	-2.5 to 2.5	Pass
					4.20	4.57	0.0024	-2.5 to 2.5	Pass
				-30	3.70	0.364	0.0002	-2.5 to 2.5	Pass
				-20	3.70	-1.232	-0.0007	-2.5 to 2.5	Pass
				-10	3.70	-4.397	-0.0023	-2.5 to 2.5	Pass
				0	3.70	1.681	0.0009	-2.5 to 2.5	Pass
				10	3.70	2.105	0.0011	-2.5 to 2.5	Pass
				30	3.70	2.698	0.0014	-2.5 to 2.5	Pass
				40	3.70	3.096	0.0016	-2.5 to 2.5	Pass
	50	3.70	0.846	0.0005	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	0.725	0.0004	-2.5 to 2.5	Pass
					3.70	-4.311	-0.0023	-2.5 to 2.5	Pass
					4.20	1.602	0.0008	-2.5 to 2.5	Pass
				-30	3.70	-0.054	0	-2.5 to 2.5	Pass
				-20	3.70	-1.244	-0.0007	-2.5 to 2.5	Pass
				-10	3.70	-1.671	-0.0009	-2.5 to 2.5	Pass
				0	3.70	3.42	0.0018	-2.5 to 2.5	Pass
				10	3.70	-0.65	-0.0003	-2.5 to 2.5	Pass
30				3.70	4.928	0.0026	-2.5 to 2.5	Pass	
40				3.70	2.712	0.0014	-2.5 to 2.5	Pass	
50	3.70	-4.568	-0.0024	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	0.805	0.0004	-2.5 to 2.5	Pass
					3.70	-4.345	-0.0023	-2.5 to 2.5	Pass
					4.20	1.549	0.0008	-2.5 to 2.5	Pass
				-30	3.70	-3.123	-0.0017	-2.5 to 2.5	Pass
				-20	3.70	-3.605	-0.0019	-2.5 to 2.5	Pass
-10	3.70	-4.821	-0.0026	-2.5 to 2.5	Pass				

				0	3.70	1.008	0.0005	-2.5 to 2.5	Pass
				10	3.70	1.08	0.0006	-2.5 to 2.5	Pass
				30	3.70	0.797	0.0004	-2.5 to 2.5	Pass
				40	3.70	3.687	0.002	-2.5 to 2.5	Pass
				50	3.70	3.093	0.0017	-2.5 to 2.5	Pass
	M	1	0	20	3.20	-2.58	-0.0014	-2.5 to 2.5	Pass
					3.70	2.173	0.0012	-2.5 to 2.5	Pass
					4.20	1.821	0.001	-2.5 to 2.5	Pass
				-30	3.70	1.779	0.0009	-2.5 to 2.5	Pass
				-20	3.70	0.824	0.0004	-2.5 to 2.5	Pass
				-10	3.70	-4.159	-0.0022	-2.5 to 2.5	Pass
				0	3.70	0.896	0.0005	-2.5 to 2.5	Pass
				10	3.70	-1.662	-0.0009	-2.5 to 2.5	Pass
				30	3.70	-1.705	-0.0009	-2.5 to 2.5	Pass
				40	3.70	1.824	0.001	-2.5 to 2.5	Pass
				50	3.70	4.461	0.0024	-2.5 to 2.5	Pass
				H	1	47	20	3.20	-1.939
	3.70	-1.865	-0.001					-2.5 to 2.5	Pass
	4.20	4.113	0.0022					-2.5 to 2.5	Pass
	-30	3.70	1.764				0.0009	-2.5 to 2.5	Pass
	-20	3.70	-2.435				-0.0013	-2.5 to 2.5	Pass
	-10	3.70	1.291				0.0007	-2.5 to 2.5	Pass
	0	3.70	4.322				0.0023	-2.5 to 2.5	Pass
	10	3.70	0.578				0.0003	-2.5 to 2.5	Pass
	30	3.70	-4.966				-0.0026	-2.5 to 2.5	Pass
	40	3.70	4.2				0.0022	-2.5 to 2.5	Pass
	50	3.70	0.156	0.0001	-2.5 to 2.5	Pass			

Band: 4 / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	1.069	0.0006	-2.5 to 2.5	Pass
					3.70	2.988	0.0017	-2.5 to 2.5	Pass
					4.20	5.369	0.0031	-2.5 to 2.5	Pass
				-30	3.70	1.73	0.001	-2.5 to 2.5	Pass
				-20	3.70	2.986	0.0017	-2.5 to 2.5	Pass
				-10	3.70	-4.83	-0.0028	-2.5 to 2.5	Pass
				0	3.70	-3.424	-0.002	-2.5 to 2.5	Pass
				10	3.70	3.93	0.0023	-2.5 to 2.5	Pass
				30	3.70	1.794	0.001	-2.5 to 2.5	Pass
				40	3.70	-3.612	-0.0021	-2.5 to 2.5	Pass
	50	3.70	-2.747	-0.0016	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	1.335	0.0008	-2.5 to 2.5	Pass
					3.70	2.548	0.0015	-2.5 to 2.5	Pass
					4.20	-2.775	-0.0016	-2.5 to 2.5	Pass
				-30	3.70	4.49	0.0026	-2.5 to 2.5	Pass
				-20	3.70	-3.141	-0.0018	-2.5 to 2.5	Pass
				-10	3.70	5.904	0.0034	-2.5 to 2.5	Pass
				0	3.70	-5.676	-0.0033	-2.5 to 2.5	Pass
				10	3.70	0.014	0	-2.5 to 2.5	Pass
				30	3.70	0.472	0.0003	-2.5 to 2.5	Pass
				40	3.70	0.974	0.0006	-2.5 to 2.5	Pass
	50	3.70	0.409	0.0002	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	3.886	0.0022	-2.5 to 2.5	Pass
					3.70	-1.844	-0.0011	-2.5 to 2.5	Pass
					4.20	2.581	0.0015	-2.5 to 2.5	Pass
				-30	3.70	3.084	0.0018	-2.5 to 2.5	Pass
				-20	3.70	5.599	0.0032	-2.5 to 2.5	Pass
-10				3.70	3.25	0.0019	-2.5 to 2.5	Pass	
0				3.70	1.793	0.001	-2.5 to 2.5	Pass	
10				3.70	-0.307	-0.0002	-2.5 to 2.5	Pass	
30				3.70	0.705	0.0004	-2.5 to 2.5	Pass	
40				3.70	-3.26	-0.0019	-2.5 to 2.5	Pass	
50	3.70	1.083	0.0006	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	1.069	0.0006	-2.5 to 2.5	Pass
					3.70	2.988	0.0017	-2.5 to 2.5	Pass
					4.20	5.369	0.0031	-2.5 to 2.5	Pass
				-30	3.70	1.73	0.001	-2.5 to 2.5	Pass
				-20	3.70	2.986	0.0017	-2.5 to 2.5	Pass
				-10	3.70	-4.83	-0.0028	-2.5 to 2.5	Pass
				0	3.70	-3.424	-0.002	-2.5 to 2.5	Pass
				10	3.70	3.93	0.0023	-2.5 to 2.5	Pass
				30	3.70	1.794	0.001	-2.5 to 2.5	Pass
				40	3.70	-3.612	-0.0021	-2.5 to 2.5	Pass
	50	3.70	-2.747	-0.0016	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	5.695	0.0033	-2.5 to 2.5	Pass
					3.70	-4.224	-0.0025	-2.5 to 2.5	Pass
					4.20	3.027	0.0018	-2.5 to 2.5	Pass
				-30	3.70	4.977	0.0029	-2.5 to 2.5	Pass
				-20	3.70	-2.148	-0.0013	-2.5 to 2.5	Pass
				-10	3.70	2.041	0.0012	-2.5 to 2.5	Pass
				0	3.70	-1.041	-0.0006	-2.5 to 2.5	Pass
				10	3.70	5.008	0.0029	-2.5 to 2.5	Pass
				30	3.70	-4.531	-0.0026	-2.5 to 2.5	Pass
40				3.70	-3.444	-0.002	-2.5 to 2.5	Pass	

	H	1	47	50	3.70	5.861	0.0034	-2.5 to 2.5	Pass
				20	3.20	1.074	0.0006	-2.5 to 2.5	Pass
					3.70	2.38	0.0014	-2.5 to 2.5	Pass
					4.20	-1.919	-0.0011	-2.5 to 2.5	Pass
					-30	3.70	-4.165	-0.0024	-2.5 to 2.5
				-20	3.70	1.342	0.0008	-2.5 to 2.5	Pass
				-10	3.70	0.638	0.0004	-2.5 to 2.5	Pass
				0	3.70	5.112	0.003	-2.5 to 2.5	Pass
				10	3.70	4.109	0.0024	-2.5 to 2.5	Pass
				30	3.70	-4.866	-0.0028	-2.5 to 2.5	Pass
				40	3.70	4.059	0.0023	-2.5 to 2.5	Pass
				50	3.70	1.309	0.0008	-2.5 to 2.5	Pass

Band: 4 / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	-4.783	-0.0028	-2.5 to 2.5	Pass
					3.70	3.997	0.0023	-2.5 to 2.5	Pass
					4.20	-3.122	-0.0018	-2.5 to 2.5	Pass
				-30	3.70	0.801	0.0005	-2.5 to 2.5	Pass
				-20	3.70	-4.74	-0.0028	-2.5 to 2.5	Pass
				-10	3.70	2.64	0.0015	-2.5 to 2.5	Pass
				0	3.70	-4.035	-0.0024	-2.5 to 2.5	Pass
				10	3.70	-0.371	-0.0002	-2.5 to 2.5	Pass
				30	3.70	-0.049	0	-2.5 to 2.5	Pass
				40	3.70	4.92	0.0029	-2.5 to 2.5	Pass
				50	3.70	1.541	0.0009	-2.5 to 2.5	Pass
				M	12	0	20	3.20	4.124
	3.70	1.146	0.0007					-2.5 to 2.5	Pass
	4.20	-5.378	-0.0031					-2.5 to 2.5	Pass
	-30	3.70	-4.582				-0.0026	-2.5 to 2.5	Pass
	-20	3.70	-0.095				-0.0001	-2.5 to 2.5	Pass
	-10	3.70	4.433				0.0026	-2.5 to 2.5	Pass
	0	3.70	-0.904				-0.0005	-2.5 to 2.5	Pass
	10	3.70	-1.303				-0.0008	-2.5 to 2.5	Pass
	30	3.70	-1.081				-0.0006	-2.5 to 2.5	Pass
	40	3.70	-0.753				-0.0004	-2.5 to 2.5	Pass
	50	3.70	-2.254				-0.0013	-2.5 to 2.5	Pass
	H	12	0				20	3.20	4.776
				3.70	2.831	0.0016		-2.5 to 2.5	Pass
				4.20	-4.78	-0.0027		-2.5 to 2.5	Pass
				-30	3.70	-0.051	0	-2.5 to 2.5	Pass
				-20	3.70	-1.542	-0.0009	-2.5 to 2.5	Pass
				-10	3.70	0.13	0.0001	-2.5 to 2.5	Pass
				0	3.70	-5.057	-0.0029	-2.5 to 2.5	Pass
				10	3.70	-2.522	-0.0014	-2.5 to 2.5	Pass
30				3.70	0.381	0.0002	-2.5 to 2.5	Pass	
40				3.70	-5.03	-0.0029	-2.5 to 2.5	Pass	
50				3.70	-1.87	-0.0011	-2.5 to 2.5	Pass	
BPSK				L	1	0	20	3.20	-1.872
	3.70	-3.672	-0.0021					-2.5 to 2.5	Pass
	4.20	-5.767	-0.0034					-2.5 to 2.5	Pass
	-30	3.70	3.243				0.0019	-2.5 to 2.5	Pass
	-20	3.70	5.895				0.0034	-2.5 to 2.5	Pass
	-10	3.70	1.704				0.001	-2.5 to 2.5	Pass
	0	3.70	0.961				0.0006	-2.5 to 2.5	Pass
	10	3.70	-4.816				-0.0028	-2.5 to 2.5	Pass
30	3.70	5.32	0.0031	-2.5 to 2.5	Pass				

				40	3.70	-5.733	-0.0034	-2.5 to 2.5	Pass			
				50	3.70	2.137	0.0012	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	1.05	0.0006	-2.5 to 2.5	Pass			
								3.70	-4.541	-0.0026	-2.5 to 2.5	Pass
								4.20	-5.778	-0.0033	-2.5 to 2.5	Pass
							-30	3.70	-5.217	-0.003	-2.5 to 2.5	Pass
							-20	3.70	0.472	0.0003	-2.5 to 2.5	Pass
							-10	3.70	-1.287	-0.0007	-2.5 to 2.5	Pass
							0	3.70	0.585	0.0003	-2.5 to 2.5	Pass
							10	3.70	-1.806	-0.001	-2.5 to 2.5	Pass
							30	3.70	-3.878	-0.0022	-2.5 to 2.5	Pass
							40	3.70	-1.395	-0.0008	-2.5 to 2.5	Pass
							50	3.70	4.447	0.0026	-2.5 to 2.5	Pass
				H	1	47	20	3.20	-3.1	-0.0018	-2.5 to 2.5	Pass
											3.70	4.956
								4.20	1.231	0.0007	-2.5 to 2.5	Pass
							-30	3.70	-4.1	-0.0023	-2.5 to 2.5	Pass
							-20	3.70	-2.191	-0.0012	-2.5 to 2.5	Pass
							-10	3.70	-3.79	-0.0022	-2.5 to 2.5	Pass
							0	3.70	-5.914	-0.0034	-2.5 to 2.5	Pass
							10	3.70	-5.567	-0.0032	-2.5 to 2.5	Pass
							30	3.70	-4.465	-0.0025	-2.5 to 2.5	Pass
							40	3.70	1.159	0.0007	-2.5 to 2.5	Pass
				50	3.70	-2.076	-0.0012	-2.5 to 2.5	Pass			

Band: 5 / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	2.195	0.0027	-2.5 to 2.5	Pass
					3.70	0.963	0.0012	-2.5 to 2.5	Pass
					4.20	-0.271	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	0.788	0.001	-2.5 to 2.5	Pass
				-20	3.70	-3.302	-0.004	-2.5 to 2.5	Pass
				-10	3.70	-1.466	-0.0018	-2.5 to 2.5	Pass
				0	3.70	3.17	0.0038	-2.5 to 2.5	Pass
				10	3.70	-1.106	-0.0013	-2.5 to 2.5	Pass
				30	3.70	-1.404	-0.0017	-2.5 to 2.5	Pass
				40	3.70	-0.954	-0.0012	-2.5 to 2.5	Pass
	50	3.70	-3.45	-0.0042	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-0.161	-0.0002	-2.5 to 2.5	Pass
					3.70	-1.046	-0.0013	-2.5 to 2.5	Pass
					4.20	-0.06	-0.0001	-2.5 to 2.5	Pass
				-30	3.70	-3.107	-0.0037	-2.5 to 2.5	Pass
				-20	3.70	3.911	0.0047	-2.5 to 2.5	Pass
				-10	3.70	0.161	0.0002	-2.5 to 2.5	Pass
				0	3.70	-1.012	-0.0012	-2.5 to 2.5	Pass
				10	3.70	-3.01	-0.0036	-2.5 to 2.5	Pass
				30	3.70	1.959	0.0023	-2.5 to 2.5	Pass
				40	3.70	3.631	0.0043	-2.5 to 2.5	Pass
	50	3.70	-0.84	-0.001	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	3.26	0.0038	-2.5 to 2.5	Pass
					3.70	-3.796	-0.0045	-2.5 to 2.5	Pass
					4.20	-2.843	-0.0033	-2.5 to 2.5	Pass
				-30	3.70	-2.883	-0.0034	-2.5 to 2.5	Pass
				-20	3.70	2.751	0.0032	-2.5 to 2.5	Pass
-10				3.70	-3.428	-0.004	-2.5 to 2.5	Pass	
0				3.70	-2.518	-0.003	-2.5 to 2.5	Pass	
10				3.70	-0.763	-0.0009	-2.5 to 2.5	Pass	
30				3.70	1.216	0.0014	-2.5 to 2.5	Pass	
40				3.70	1.409	0.0017	-2.5 to 2.5	Pass	
50	3.70	2.831	0.0033	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-0.811	-0.001	-2.5 to 2.5	Pass
					3.70	-3.085	-0.0037	-2.5 to 2.5	Pass
					4.20	-2.858	-0.0035	-2.5 to 2.5	Pass
				-30	3.70	-2.206	-0.0027	-2.5 to 2.5	Pass
				-20	3.70	1.064	0.0013	-2.5 to 2.5	Pass
				-10	3.70	3.681	0.0045	-2.5 to 2.5	Pass
				0	3.70	-1.705	-0.0021	-2.5 to 2.5	Pass
				10	3.70	-0.448	-0.0005	-2.5 to 2.5	Pass
				30	3.70	0.366	0.0004	-2.5 to 2.5	Pass
				40	3.70	-3.718	-0.0045	-2.5 to 2.5	Pass
	50	3.70	2	0.0024	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-0.706	-0.0008	-2.5 to 2.5	Pass
					3.70	-2.019	-0.0024	-2.5 to 2.5	Pass
					4.20	3.468	0.0041	-2.5 to 2.5	Pass
				-30	3.70	-2.767	-0.0033	-2.5 to 2.5	Pass
				-20	3.70	-1.861	-0.0022	-2.5 to 2.5	Pass
				-10	3.70	-0.646	-0.0008	-2.5 to 2.5	Pass
				0	3.70	1.082	0.0013	-2.5 to 2.5	Pass
				10	3.70	-3.712	-0.0044	-2.5 to 2.5	Pass
				30	3.70	1.029	0.0012	-2.5 to 2.5	Pass
40				3.70	2.537	0.003	-2.5 to 2.5	Pass	

				50	3.70	2.822	0.0034	-2.5 to 2.5	Pass
				20	3.20	2.983	0.0035	-2.5 to 2.5	Pass
			3.70		0.149	0.0002	-2.5 to 2.5	Pass	
			4.20		1.149	0.0014	-2.5 to 2.5	Pass	
			-30		3.70	2.212	0.0026	-2.5 to 2.5	Pass
				-20	3.70	2.338	0.0028	-2.5 to 2.5	Pass
				-10	3.70	-0.97	-0.0011	-2.5 to 2.5	Pass
				0	3.70	1.202	0.0014	-2.5 to 2.5	Pass
				10	3.70	-0.941	-0.0011	-2.5 to 2.5	Pass
				30	3.70	0.997	0.0012	-2.5 to 2.5	Pass
				40	3.70	-0.747	-0.0009	-2.5 to 2.5	Pass
				50	3.70	-2.994	-0.0035	-2.5 to 2.5	Pass

Band: 5 / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	-0.98	-0.0012	-2.5 to 2.5	Pass
					3.70	-1.287	-0.0016	-2.5 to 2.5	Pass
					4.20	-2.741	-0.0033	-2.5 to 2.5	Pass
				-30	3.70	-2.013	-0.0024	-2.5 to 2.5	Pass
				-20	3.70	-3.31	-0.004	-2.5 to 2.5	Pass
				-10	3.70	-1.089	-0.0013	-2.5 to 2.5	Pass
				0	3.70	-0.776	-0.0009	-2.5 to 2.5	Pass
				10	3.70	-0.626	-0.0008	-2.5 to 2.5	Pass
				30	3.70	-3.912	-0.0047	-2.5 to 2.5	Pass
				40	3.70	-1.734	-0.0021	-2.5 to 2.5	Pass
	50	3.70	0.613	0.0007	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	-2.893	-0.0035	-2.5 to 2.5	Pass
					3.70	1.256	0.0015	-2.5 to 2.5	Pass
					4.20	2.474	0.003	-2.5 to 2.5	Pass
				-30	3.70	3.349	0.004	-2.5 to 2.5	Pass
				-20	3.70	-2.689	-0.0032	-2.5 to 2.5	Pass
				-10	3.70	2.593	0.0031	-2.5 to 2.5	Pass
				0	3.70	-2.208	-0.0026	-2.5 to 2.5	Pass
				10	3.70	0.737	0.0009	-2.5 to 2.5	Pass
				30	3.70	-2.992	-0.0036	-2.5 to 2.5	Pass
				40	3.70	-0.951	-0.0011	-2.5 to 2.5	Pass
	50	3.70	0.153	0.0002	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	3.44	0.0041	-2.5 to 2.5	Pass
					3.70	-1.194	-0.0014	-2.5 to 2.5	Pass
					4.20	-1.224	-0.0014	-2.5 to 2.5	Pass
				-30	3.70	0.77	0.0009	-2.5 to 2.5	Pass
				-20	3.70	3.69	0.0043	-2.5 to 2.5	Pass
				-10	3.70	-0.344	-0.0004	-2.5 to 2.5	Pass
				0	3.70	-1.522	-0.0018	-2.5 to 2.5	Pass
				10	3.70	1.692	0.002	-2.5 to 2.5	Pass
30				3.70	2.238	0.0026	-2.5 to 2.5	Pass	
40				3.70	-2.474	-0.0029	-2.5 to 2.5	Pass	
50	3.70	-1.837	-0.0022	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-2.684	-0.0033	-2.5 to 2.5	Pass
					3.70	-2.244	-0.0027	-2.5 to 2.5	Pass
					4.20	3.452	0.0042	-2.5 to 2.5	Pass
				-30	3.70	1.095	0.0013	-2.5 to 2.5	Pass
				-20	3.70	0.525	0.0006	-2.5 to 2.5	Pass
				-10	3.70	-2.922	-0.0035	-2.5 to 2.5	Pass
				0	3.70	-0.401	-0.0005	-2.5 to 2.5	Pass
				10	3.70	1.457	0.0018	-2.5 to 2.5	Pass
30	3.70	2.919	0.0035	-2.5 to 2.5	Pass				



				40	3.70	0.722	0.0009	-2.5 to 2.5	Pass						
				50	3.70	-0.124	-0.0002	-2.5 to 2.5	Pass						
	M	1	0	20	3.20	-2.516	-0.003	-2.5 to 2.5	Pass						
								3.70	1.72	0.0021	-2.5 to 2.5	Pass			
								4.20	1.998	0.0024	-2.5 to 2.5	Pass			
							-30	3.70	-2.432	-0.0029	-2.5 to 2.5	Pass			
							-20	3.70	3.262	0.0039	-2.5 to 2.5	Pass			
							-10	3.70	1.106	0.0013	-2.5 to 2.5	Pass			
							0	3.70	1.871	0.0022	-2.5 to 2.5	Pass			
							10	3.70	0.902	0.0011	-2.5 to 2.5	Pass			
							30	3.70	3.002	0.0036	-2.5 to 2.5	Pass			
							40	3.70	2.396	0.0029	-2.5 to 2.5	Pass			
							50	3.70	-0.727	-0.0009	-2.5 to 2.5	Pass			
				H	1	47	20	3.20	1.056	0.0012	-2.5 to 2.5	Pass			
											3.70	3.519	0.0041	-2.5 to 2.5	Pass
											4.20	-1.908	-0.0022	-2.5 to 2.5	Pass
							-30	3.70	1.434	0.0017	-2.5 to 2.5	Pass			
							-20	3.70	0.505	0.0006	-2.5 to 2.5	Pass			
							-10	3.70	-2.519	-0.003	-2.5 to 2.5	Pass			
							0	3.70	-0.688	-0.0008	-2.5 to 2.5	Pass			
							10	3.70	1.051	0.0012	-2.5 to 2.5	Pass			
							30	3.70	0.768	0.0009	-2.5 to 2.5	Pass			
							40	3.70	-0.84	-0.001	-2.5 to 2.5	Pass			
							50	3.70	-3.776	-0.0044	-2.5 to 2.5	Pass			

Band: 12 / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	0.566	0.0008	-2.5 to 2.5	Pass
					3.70	0.333	0.0005	-2.5 to 2.5	Pass
					4.20	1.518	0.0022	-2.5 to 2.5	Pass
				-30	3.70	3.705	0.0053	-2.5 to 2.5	Pass
				-20	3.70	3.744	0.0054	-2.5 to 2.5	Pass
				-10	3.70	2.193	0.0031	-2.5 to 2.5	Pass
				0	3.70	-3.287	-0.0047	-2.5 to 2.5	Pass
				10	3.70	1.592	0.0023	-2.5 to 2.5	Pass
				30	3.70	1.968	0.0028	-2.5 to 2.5	Pass
				40	3.70	-2.277	-0.0033	-2.5 to 2.5	Pass
	50	3.70	1.711	0.0024	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	1.031	0.0015	-2.5 to 2.5	Pass
					3.70	0.649	0.0009	-2.5 to 2.5	Pass
					4.20	-0.616	-0.0009	-2.5 to 2.5	Pass
				-30	3.70	2.37	0.0034	-2.5 to 2.5	Pass
				-20	3.70	2.86	0.004	-2.5 to 2.5	Pass
				-10	3.70	0.4	0.0006	-2.5 to 2.5	Pass
				0	3.70	0.719	0.001	-2.5 to 2.5	Pass
				10	3.70	-0.4	-0.0006	-2.5 to 2.5	Pass
				30	3.70	-3.969	-0.0056	-2.5 to 2.5	Pass
				40	3.70	-3.357	-0.0047	-2.5 to 2.5	Pass
	50	3.70	2.887	0.0041	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	-0.903	-0.0013	-2.5 to 2.5	Pass
					3.70	-3.144	-0.0044	-2.5 to 2.5	Pass
					4.20	-1.222	-0.0017	-2.5 to 2.5	Pass
				-30	3.70	1.712	0.0024	-2.5 to 2.5	Pass
				-20	3.70	2.312	0.0032	-2.5 to 2.5	Pass
-10				3.70	2.918	0.0041	-2.5 to 2.5	Pass	
0				3.70	-2.826	-0.0039	-2.5 to 2.5	Pass	
10				3.70	-0.244	-0.0003	-2.5 to 2.5	Pass	
30				3.70	2.656	0.0037	-2.5 to 2.5	Pass	
40				3.70	-2.381	-0.0033	-2.5 to 2.5	Pass	
50	3.70	1.075	0.0015	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-2.581	-0.0037	-2.5 to 2.5	Pass
					3.70	3.207	0.0046	-2.5 to 2.5	Pass
					4.20	-0.095	-0.0001	-2.5 to 2.5	Pass
				-30	3.70	3.566	0.0051	-2.5 to 2.5	Pass
				-20	3.70	3.021	0.0043	-2.5 to 2.5	Pass
				-10	3.70	-1.312	-0.0019	-2.5 to 2.5	Pass
				0	3.70	3.592	0.0051	-2.5 to 2.5	Pass
				10	3.70	-3.405	-0.0049	-2.5 to 2.5	Pass
				30	3.70	1.12	0.0016	-2.5 to 2.5	Pass
				40	3.70	1.776	0.0025	-2.5 to 2.5	Pass
	50	3.70	-3.3	-0.0047	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	2.341	0.0033	-2.5 to 2.5	Pass
					3.70	0.838	0.0012	-2.5 to 2.5	Pass
					4.20	-2.747	-0.0039	-2.5 to 2.5	Pass
				-30	3.70	-3.447	-0.0049	-2.5 to 2.5	Pass
				-20	3.70	2.972	0.0042	-2.5 to 2.5	Pass
				-10	3.70	0.142	0.0002	-2.5 to 2.5	Pass
0				3.70	3.691	0.0052	-2.5 to 2.5	Pass	
10	3.70	3.361	0.0048	-2.5 to 2.5	Pass				
30	3.70	0.938	0.0013	-2.5 to 2.5	Pass				
40	3.70	-0.399	-0.0006	-2.5 to 2.5	Pass				

	H	1	47	50	3.70	3.691	0.0052	-2.5 to 2.5	Pass
				20	3.20	1.506	0.0021	-2.5 to 2.5	Pass
					3.70	3.247	0.0045	-2.5 to 2.5	Pass
					4.20	0.345	0.0005	-2.5 to 2.5	Pass
				-30	3.70	2.564	0.0036	-2.5 to 2.5	Pass
				-20	3.70	-0.361	-0.0005	-2.5 to 2.5	Pass
				-10	3.70	1.891	0.0026	-2.5 to 2.5	Pass
				0	3.70	2.134	0.003	-2.5 to 2.5	Pass
				10	3.70	-3.52	-0.0049	-2.5 to 2.5	Pass
				30	3.70	-0.603	-0.0008	-2.5 to 2.5	Pass
				40	3.70	2.237	0.0031	-2.5 to 2.5	Pass
				50	3.70	-0.054	-0.0001	-2.5 to 2.5	Pass

Band: 12 / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	2.656	0.0038	-2.5 to 2.5	Pass
					3.70	-2.053	-0.0029	-2.5 to 2.5	Pass
					4.20	0.686	0.001	-2.5 to 2.5	Pass
				-30	3.70	-3.126	-0.0045	-2.5 to 2.5	Pass
				-20	3.70	-0.109	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	2.997	0.0043	-2.5 to 2.5	Pass
				0	3.70	-1.006	-0.0014	-2.5 to 2.5	Pass
				10	3.70	-0.888	-0.0013	-2.5 to 2.5	Pass
				30	3.70	-1.648	-0.0024	-2.5 to 2.5	Pass
				40	3.70	-0.26	-0.0004	-2.5 to 2.5	Pass
	50	3.70	-3.643	-0.0052	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	-3.986	-0.0056	-2.5 to 2.5	Pass
					3.70	1.739	0.0025	-2.5 to 2.5	Pass
					4.20	3.938	0.0056	-2.5 to 2.5	Pass
				-30	3.70	-1.34	-0.0019	-2.5 to 2.5	Pass
				-20	3.70	-2.992	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	-0.832	-0.0012	-2.5 to 2.5	Pass
				0	3.70	1.626	0.0023	-2.5 to 2.5	Pass
				10	3.70	0.456	0.0006	-2.5 to 2.5	Pass
				30	3.70	-1.62	-0.0023	-2.5 to 2.5	Pass
				40	3.70	1.4	0.002	-2.5 to 2.5	Pass
	50	3.70	3.768	0.0053	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	0.669	0.0009	-2.5 to 2.5	Pass
					3.70	0.242	0.0003	-2.5 to 2.5	Pass
					4.20	-2.185	-0.0031	-2.5 to 2.5	Pass
				-30	3.70	-3.605	-0.005	-2.5 to 2.5	Pass
				-20	3.70	-0.555	-0.0008	-2.5 to 2.5	Pass
				-10	3.70	-0.525	-0.0007	-2.5 to 2.5	Pass
				0	3.70	-3.075	-0.0043	-2.5 to 2.5	Pass
				10	3.70	3.5	0.0049	-2.5 to 2.5	Pass
30				3.70	-3.927	-0.0055	-2.5 to 2.5	Pass	
40				3.70	-3.132	-0.0044	-2.5 to 2.5	Pass	
50	3.70	-2.477	-0.0035	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-3.309	-0.0047	-2.5 to 2.5	Pass
					3.70	-1.69	-0.0024	-2.5 to 2.5	Pass
					4.20	-1.889	-0.0027	-2.5 to 2.5	Pass
				-30	3.70	0.697	0.001	-2.5 to 2.5	Pass
				-20	3.70	2.843	0.0041	-2.5 to 2.5	Pass
				-10	3.70	-3.011	-0.0043	-2.5 to 2.5	Pass
				0	3.70	-0.885	-0.0013	-2.5 to 2.5	Pass
				10	3.70	-3.656	-0.0052	-2.5 to 2.5	Pass
30	3.70	-0.922	-0.0013	-2.5 to 2.5	Pass				

				40	3.70	3.273	0.0047	-2.5 to 2.5	Pass			
				50	3.70	-0.476	-0.0007	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-3.802	-0.0054	-2.5 to 2.5	Pass			
								3.70	-0.78	-0.0011	-2.5 to 2.5	Pass
								4.20	-2.067	-0.0029	-2.5 to 2.5	Pass
								-30	3.70	-1.77	-0.0025	-2.5 to 2.5
							-20	3.70	2.717	0.0038	-2.5 to 2.5	Pass
							-10	3.70	3.131	0.0044	-2.5 to 2.5	Pass
							0	3.70	-3.33	-0.0047	-2.5 to 2.5	Pass
							10	3.70	-0.727	-0.001	-2.5 to 2.5	Pass
							30	3.70	-3.508	-0.005	-2.5 to 2.5	Pass
							40	3.70	-0.278	-0.0004	-2.5 to 2.5	Pass
							50	3.70	-0.217	-0.0003	-2.5 to 2.5	Pass
				H	1	47	20	3.20	3.531	0.0049	-2.5 to 2.5	Pass
											3.70	-0.966
								4.20	-0.493	-0.0007	-2.5 to 2.5	Pass
							-30	3.70	2.79	0.0039	-2.5 to 2.5	Pass
							-20	3.70	2.122	0.003	-2.5 to 2.5	Pass
							-10	3.70	1.306	0.0018	-2.5 to 2.5	Pass
							0	3.70	-0.059	-0.0001	-2.5 to 2.5	Pass
							10	3.70	2.876	0.004	-2.5 to 2.5	Pass
							30	3.70	0.365	0.0005	-2.5 to 2.5	Pass
							40	3.70	1.051	0.0015	-2.5 to 2.5	Pass
				50	3.70	-1.396	-0.0019	-2.5 to 2.5	Pass			

Band: 13 / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	-2.987	-0.0038	-2.5 to 2.5	Pass
					3.70	0.633	0.0008	-2.5 to 2.5	Pass
					4.20	1.229	0.0016	-2.5 to 2.5	Pass
				-30	3.70	2.126	0.0027	-2.5 to 2.5	Pass
				-20	3.70	2.336	0.003	-2.5 to 2.5	Pass
				-10	3.70	-2.387	-0.0031	-2.5 to 2.5	Pass
				0	3.70	3.804	0.0049	-2.5 to 2.5	Pass
				10	3.70	-3.434	-0.0044	-2.5 to 2.5	Pass
				30	3.70	-1.41	-0.0018	-2.5 to 2.5	Pass
				40	3.70	-1.349	-0.0017	-2.5 to 2.5	Pass
	50	3.70	2.479	0.0032	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	2.807	0.0036	-2.5 to 2.5	Pass
					3.70	-2.541	-0.0032	-2.5 to 2.5	Pass
					4.20	0.513	0.0007	-2.5 to 2.5	Pass
				-30	3.70	-1.221	-0.0016	-2.5 to 2.5	Pass
				-20	3.70	-0.649	-0.0008	-2.5 to 2.5	Pass
				-10	3.70	-2.521	-0.0032	-2.5 to 2.5	Pass
				0	3.70	-1.616	-0.0021	-2.5 to 2.5	Pass
				10	3.70	-2.492	-0.0032	-2.5 to 2.5	Pass
				30	3.70	2.413	0.0031	-2.5 to 2.5	Pass
				40	3.70	-0.744	-0.001	-2.5 to 2.5	Pass
	50	3.70	3.885	0.005	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	-0.444	-0.0006	-2.5 to 2.5	Pass
					3.70	-3.332	-0.0042	-2.5 to 2.5	Pass
					4.20	3.024	0.0038	-2.5 to 2.5	Pass
				-30	3.70	-0.812	-0.001	-2.5 to 2.5	Pass
				-20	3.70	-2.189	-0.0028	-2.5 to 2.5	Pass
-10				3.70	0.954	0.0012	-2.5 to 2.5	Pass	
0				3.70	2.708	0.0034	-2.5 to 2.5	Pass	
10				3.70	-0.799	-0.001	-2.5 to 2.5	Pass	
30				3.70	1.007	0.0013	-2.5 to 2.5	Pass	
40				3.70	-0.95	-0.0012	-2.5 to 2.5	Pass	
50	3.70	-2.365	-0.003	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	3.75	0.0048	-2.5 to 2.5	Pass
					3.70	-1.019	-0.0013	-2.5 to 2.5	Pass
					4.20	-0.471	-0.0006	-2.5 to 2.5	Pass
				-30	3.70	-0.524	-0.0007	-2.5 to 2.5	Pass
				-20	3.70	-3.302	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	-3.945	-0.0051	-2.5 to 2.5	Pass
				0	3.70	-1.73	-0.0022	-2.5 to 2.5	Pass
				10	3.70	-2.067	-0.0027	-2.5 to 2.5	Pass
				30	3.70	-3.833	-0.0049	-2.5 to 2.5	Pass
				40	3.70	-1.46	-0.0019	-2.5 to 2.5	Pass
	50	3.70	1.288	0.0017	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-1.244	-0.0016	-2.5 to 2.5	Pass
					3.70	-2.853	-0.0036	-2.5 to 2.5	Pass
					4.20	-0.833	-0.0011	-2.5 to 2.5	Pass
				-30	3.70	-0.971	-0.0012	-2.5 to 2.5	Pass
				-20	3.70	2.996	0.0038	-2.5 to 2.5	Pass
				-10	3.70	-0.839	-0.0011	-2.5 to 2.5	Pass
0				3.70	2.936	0.0038	-2.5 to 2.5	Pass	
10	3.70	1.595	0.002	-2.5 to 2.5	Pass				
30	3.70	2.254	0.0029	-2.5 to 2.5	Pass				
40	3.70	0.232	0.0003	-2.5 to 2.5	Pass				

	H	1	47	50	3.70	3.655	0.0047	-2.5 to 2.5	Pass
				20	3.20	-2.667	-0.0034	-2.5 to 2.5	Pass
					3.70	-3.044	-0.0039	-2.5 to 2.5	Pass
					4.20	-3.949	-0.005	-2.5 to 2.5	Pass
				-30	3.70	-1.977	-0.0025	-2.5 to 2.5	Pass
				-20	3.70	-3.321	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	-3.283	-0.0042	-2.5 to 2.5	Pass
				0	3.70	3.621	0.0046	-2.5 to 2.5	Pass
				10	3.70	-2.638	-0.0034	-2.5 to 2.5	Pass
				30	3.70	-0.528	-0.0007	-2.5 to 2.5	Pass
				40	3.70	-0.614	-0.0008	-2.5 to 2.5	Pass
				50	3.70	0.813	0.001	-2.5 to 2.5	Pass

Band: 13 / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	3.901	0.005	-2.5 to 2.5	Pass
					3.70	-2.504	-0.0032	-2.5 to 2.5	Pass
					4.20	-1.665	-0.0021	-2.5 to 2.5	Pass
				-30	3.70	-2.083	-0.0027	-2.5 to 2.5	Pass
				-20	3.70	-0.339	-0.0004	-2.5 to 2.5	Pass
				-10	3.70	1.482	0.0019	-2.5 to 2.5	Pass
				0	3.70	0.466	0.0006	-2.5 to 2.5	Pass
				10	3.70	3.968	0.0051	-2.5 to 2.5	Pass
				30	3.70	2.554	0.0033	-2.5 to 2.5	Pass
				40	3.70	-2.199	-0.0028	-2.5 to 2.5	Pass
	50	3.70	3.126	0.004	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	-0.208	-0.0003	-2.5 to 2.5	Pass
					3.70	1.771	0.0023	-2.5 to 2.5	Pass
					4.20	-0.874	-0.0011	-2.5 to 2.5	Pass
				-30	3.70	2.441	0.0031	-2.5 to 2.5	Pass
				-20	3.70	-0.242	-0.0003	-2.5 to 2.5	Pass
				-10	3.70	-1.063	-0.0014	-2.5 to 2.5	Pass
				0	3.70	-2.615	-0.0033	-2.5 to 2.5	Pass
				10	3.70	-0.354	-0.0005	-2.5 to 2.5	Pass
				30	3.70	3.432	0.0044	-2.5 to 2.5	Pass
				40	3.70	-3.771	-0.0048	-2.5 to 2.5	Pass
	50	3.70	-1.101	-0.0014	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	-0.867	-0.0011	-2.5 to 2.5	Pass
					3.70	-2.852	-0.0036	-2.5 to 2.5	Pass
					4.20	-2.163	-0.0027	-2.5 to 2.5	Pass
				-30	3.70	2.462	0.0031	-2.5 to 2.5	Pass
				-20	3.70	-0.787	-0.001	-2.5 to 2.5	Pass
				-10	3.70	0.24	0.0003	-2.5 to 2.5	Pass
				0	3.70	3.431	0.0044	-2.5 to 2.5	Pass
				10	3.70	3.172	0.004	-2.5 to 2.5	Pass
30				3.70	-0.751	-0.001	-2.5 to 2.5	Pass	
40				3.70	3.413	0.0043	-2.5 to 2.5	Pass	
50	3.70	3.725	0.0047	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	1.685	0.0022	-2.5 to 2.5	Pass
					3.70	-0.659	-0.0008	-2.5 to 2.5	Pass
					4.20	2.124	0.0027	-2.5 to 2.5	Pass
				-30	3.70	1.536	0.002	-2.5 to 2.5	Pass
				-20	3.70	-2.927	-0.0038	-2.5 to 2.5	Pass
				-10	3.70	0.241	0.0003	-2.5 to 2.5	Pass
				0	3.70	-0.425	-0.0005	-2.5 to 2.5	Pass
				10	3.70	3.008	0.0039	-2.5 to 2.5	Pass
30	3.70	3.386	0.0044	-2.5 to 2.5	Pass				

				40	3.70	-1.233	-0.0016	-2.5 to 2.5	Pass			
				50	3.70	2.801	0.0036	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	0.863	0.0011	-2.5 to 2.5	Pass			
3.70					-2.356	-0.003	-2.5 to 2.5	Pass				
4.20					3.37	0.0043	-2.5 to 2.5	Pass				
-30					3.70	-0.01	0	-2.5 to 2.5	Pass			
-20				3.70	2.576	0.0033	-2.5 to 2.5	Pass				
-10				3.70	1.485	0.0019	-2.5 to 2.5	Pass				
0				3.70	-1.284	-0.0016	-2.5 to 2.5	Pass				
10				3.70	0.925	0.0012	-2.5 to 2.5	Pass				
30				3.70	0.087	0.0001	-2.5 to 2.5	Pass				
40				3.70	0.361	0.0005	-2.5 to 2.5	Pass				
50				3.70	1.451	0.0019	-2.5 to 2.5	Pass				
				H	1	47	20	3.20	2.588	0.0033	-2.5 to 2.5	Pass
3.70								-1.943	-0.0025	-2.5 to 2.5	Pass	
4.20	1.583	0.002	-2.5 to 2.5					Pass				
-30	3.70	2.935	0.0037				-2.5 to 2.5	Pass				
-20	3.70	-0.516	-0.0007				-2.5 to 2.5	Pass				
-10	3.70	-1.562	-0.002				-2.5 to 2.5	Pass				
0	3.70	2.46	0.0031				-2.5 to 2.5	Pass				
10	3.70	0.81	0.001				-2.5 to 2.5	Pass				
30	3.70	0.499	0.0006				-2.5 to 2.5	Pass				
40	3.70	3.755	0.0048				-2.5 to 2.5	Pass				
50	3.70	-2.687	-0.0034				-2.5 to 2.5	Pass				

Band: 19 / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	2.863	0.0034	-2.5 to 2.5	Pass
					3.70	-2.417	-0.0029	-2.5 to 2.5	Pass
					4.20	3.697	0.0045	-2.5 to 2.5	Pass
				-30	3.70	2.394	0.0029	-2.5 to 2.5	Pass
				-20	3.70	2.111	0.0025	-2.5 to 2.5	Pass
				-10	3.70	2.568	0.0031	-2.5 to 2.5	Pass
				0	3.70	-1.528	-0.0018	-2.5 to 2.5	Pass
				10	3.70	3.897	0.0047	-2.5 to 2.5	Pass
				30	3.70	3.016	0.0036	-2.5 to 2.5	Pass
				40	3.70	-1.712	-0.0021	-2.5 to 2.5	Pass
	50	3.70	-3.469	-0.0042	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	3.775	0.0045	-2.5 to 2.5	Pass
					3.70	-0.709	-0.0008	-2.5 to 2.5	Pass
					4.20	-2.524	-0.003	-2.5 to 2.5	Pass
				-30	3.70	2.605	0.0031	-2.5 to 2.5	Pass
				-20	3.70	0.05	0.0001	-2.5 to 2.5	Pass
				-10	3.70	0.803	0.001	-2.5 to 2.5	Pass
				0	3.70	-1.978	-0.0024	-2.5 to 2.5	Pass
				10	3.70	-1.984	-0.0024	-2.5 to 2.5	Pass
				30	3.70	-0.252	-0.0003	-2.5 to 2.5	Pass
				40	3.70	-1.39	-0.0017	-2.5 to 2.5	Pass
	50	3.70	-0.597	-0.0007	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	-3.696	-0.0044	-2.5 to 2.5	Pass
					3.70	0.005	0	-2.5 to 2.5	Pass
					4.20	-1.572	-0.0019	-2.5 to 2.5	Pass
				-30	3.70	-2.032	-0.0024	-2.5 to 2.5	Pass
				-20	3.70	0.459	0.0005	-2.5 to 2.5	Pass
-10				3.70	1.335	0.0016	-2.5 to 2.5	Pass	
0				3.70	-1.569	-0.0019	-2.5 to 2.5	Pass	
10				3.70	-1.972	-0.0023	-2.5 to 2.5	Pass	
30				3.70	-0.127	-0.0002	-2.5 to 2.5	Pass	
40				3.70	-3.796	-0.0045	-2.5 to 2.5	Pass	
50	3.70	1.61	0.0019	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	0.767	0.0009	-2.5 to 2.5	Pass
					3.70	3.937	0.0047	-2.5 to 2.5	Pass
					4.20	3.899	0.0047	-2.5 to 2.5	Pass
				-30	3.70	-3.569	-0.0043	-2.5 to 2.5	Pass
				-20	3.70	0.636	0.0008	-2.5 to 2.5	Pass
				-10	3.70	3.181	0.0038	-2.5 to 2.5	Pass
				0	3.70	-2.423	-0.0029	-2.5 to 2.5	Pass
				10	3.70	1.586	0.0019	-2.5 to 2.5	Pass
				30	3.70	-0.211	-0.0003	-2.5 to 2.5	Pass
				40	3.70	2.209	0.0027	-2.5 to 2.5	Pass
	50	3.70	-1.281	-0.0015	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	0.315	0.0004	-2.5 to 2.5	Pass
					3.70	1.839	0.0022	-2.5 to 2.5	Pass
					4.20	0.354	0.0004	-2.5 to 2.5	Pass
				-30	3.70	3.66	0.0044	-2.5 to 2.5	Pass
				-20	3.70	3.002	0.0036	-2.5 to 2.5	Pass
				-10	3.70	3.211	0.0038	-2.5 to 2.5	Pass
				0	3.70	-2.386	-0.0028	-2.5 to 2.5	Pass
				10	3.70	2.005	0.0024	-2.5 to 2.5	Pass
				30	3.70	2.277	0.0027	-2.5 to 2.5	Pass
40				3.70	-3.89	-0.0046	-2.5 to 2.5	Pass	



				50	3.70	2.599	0.0031	-2.5 to 2.5	Pass
				20	3.20	3.815	0.0045	-2.5 to 2.5	Pass
					3.70	1.897	0.0022	-2.5 to 2.5	Pass
					4.20	1.378	0.0016	-2.5 to 2.5	Pass
					-30	3.70	0.774	0.0009	-2.5 to 2.5
				-20	3.70	-3.038	-0.0036	-2.5 to 2.5	Pass
				-10	3.70	0.382	0.0005	-2.5 to 2.5	Pass
				0	3.70	2.575	0.003	-2.5 to 2.5	Pass
				10	3.70	0.31	0.0004	-2.5 to 2.5	Pass
				30	3.70	1.217	0.0014	-2.5 to 2.5	Pass
				40	3.70	-3.472	-0.0041	-2.5 to 2.5	Pass
				50	3.70	-2.217	-0.0026	-2.5 to 2.5	Pass

Band: 19 / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	3.854	0.0046	-2.5 to 2.5	Pass
					3.70	0.722	0.0009	-2.5 to 2.5	Pass
					4.20	2.464	0.003	-2.5 to 2.5	Pass
				-30	3.70	3.001	0.0036	-2.5 to 2.5	Pass
				-20	3.70	-1.684	-0.002	-2.5 to 2.5	Pass
				-10	3.70	-1.292	-0.0016	-2.5 to 2.5	Pass
				0	3.70	2.095	0.0025	-2.5 to 2.5	Pass
				10	3.70	3.254	0.0039	-2.5 to 2.5	Pass
				30	3.70	-0.321	-0.0004	-2.5 to 2.5	Pass
				40	3.70	-1.308	-0.0016	-2.5 to 2.5	Pass
	50	3.70	-2.281	-0.0027	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	-0.161	-0.0002	-2.5 to 2.5	Pass
					3.70	-0.116	-0.0001	-2.5 to 2.5	Pass
					4.20	-1.894	-0.0023	-2.5 to 2.5	Pass
				-30	3.70	1.928	0.0023	-2.5 to 2.5	Pass
				-20	3.70	-1.539	-0.0018	-2.5 to 2.5	Pass
				-10	3.70	-1.607	-0.0019	-2.5 to 2.5	Pass
				0	3.70	3.957	0.0047	-2.5 to 2.5	Pass
				10	3.70	1.424	0.0017	-2.5 to 2.5	Pass
				30	3.70	-3.643	-0.0043	-2.5 to 2.5	Pass
				40	3.70	-0.473	-0.0006	-2.5 to 2.5	Pass
	50	3.70	-3.506	-0.0042	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	-0.552	-0.0007	-2.5 to 2.5	Pass
					3.70	2.235	0.0026	-2.5 to 2.5	Pass
					4.20	-1.851	-0.0022	-2.5 to 2.5	Pass
				-30	3.70	1.137	0.0013	-2.5 to 2.5	Pass
				-20	3.70	-3.557	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	2.247	0.0027	-2.5 to 2.5	Pass
				0	3.70	2.266	0.0027	-2.5 to 2.5	Pass
				10	3.70	0.534	0.0006	-2.5 to 2.5	Pass
30				3.70	2.918	0.0035	-2.5 to 2.5	Pass	
40				3.70	-2.191	-0.0026	-2.5 to 2.5	Pass	
50	3.70	-2.58	-0.0031	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	3.309	0.004	-2.5 to 2.5	Pass
					3.70	1.984	0.0024	-2.5 to 2.5	Pass
					4.20	2.715	0.0033	-2.5 to 2.5	Pass
				-30	3.70	2.36	0.0028	-2.5 to 2.5	Pass
				-20	3.70	3.543	0.0043	-2.5 to 2.5	Pass
				-10	3.70	0.612	0.0007	-2.5 to 2.5	Pass
				0	3.70	-1.933	-0.0023	-2.5 to 2.5	Pass
				10	3.70	2.775	0.0033	-2.5 to 2.5	Pass
30	3.70	1.693	0.002	-2.5 to 2.5	Pass				

				40	3.70	-2.575	-0.0031	-2.5 to 2.5	Pass			
				50	3.70	1.44	0.0017	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-0.615	-0.0007	-2.5 to 2.5	Pass			
3.70					-3.827	-0.0046	-2.5 to 2.5	Pass				
4.20					-0.888	-0.0011	-2.5 to 2.5	Pass				
-30				3.70	3.85	0.0046	-2.5 to 2.5	Pass				
-20				3.70	2.435	0.0029	-2.5 to 2.5	Pass				
-10				3.70	-1.7	-0.002	-2.5 to 2.5	Pass				
0				3.70	-1.806	-0.0022	-2.5 to 2.5	Pass				
10				3.70	-3.455	-0.0041	-2.5 to 2.5	Pass				
30				3.70	-3.419	-0.0041	-2.5 to 2.5	Pass				
40				3.70	-2.702	-0.0032	-2.5 to 2.5	Pass				
50				3.70	2.863	0.0034	-2.5 to 2.5	Pass				
				H	1	47	20	3.20	0.857	0.001	-2.5 to 2.5	Pass
3.70								1.478	0.0017	-2.5 to 2.5	Pass	
4.20	3.151	0.0037	-2.5 to 2.5					Pass				
-30	3.70	3.971	0.0047				-2.5 to 2.5	Pass				
-20	3.70	-2.822	-0.0033				-2.5 to 2.5	Pass				
-10	3.70	-1.012	-0.0012				-2.5 to 2.5	Pass				
0	3.70	3.023	0.0036				-2.5 to 2.5	Pass				
10	3.70	-3.413	-0.004				-2.5 to 2.5	Pass				
30	3.70	3.3	0.0039				-2.5 to 2.5	Pass				
40	3.70	2.669	0.0032				-2.5 to 2.5	Pass				
50	3.70	-1.194	-0.0014				-2.5 to 2.5	Pass				

Band: 25 / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	-4.357	-0.0024	-2.5 to 2.5	Pass
					3.70	1.817	0.001	-2.5 to 2.5	Pass
					4.20	2.131	0.0012	-2.5 to 2.5	Pass
				-30	3.70	-5.325	-0.0029	-2.5 to 2.5	Pass
				-20	3.70	6.968	0.0038	-2.5 to 2.5	Pass
				-10	3.70	6.453	0.0035	-2.5 to 2.5	Pass
				0	3.70	-6.857	-0.0037	-2.5 to 2.5	Pass
				10	3.70	-1.993	-0.0011	-2.5 to 2.5	Pass
				30	3.70	0.764	0.0004	-2.5 to 2.5	Pass
				40	3.70	-3.527	-0.0019	-2.5 to 2.5	Pass
	50	3.70	4.878	0.0026	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	5.899	0.0031	-2.5 to 2.5	Pass
					3.70	6.485	0.0034	-2.5 to 2.5	Pass
					4.20	-0.695	-0.0004	-2.5 to 2.5	Pass
				-30	3.70	-3.423	-0.0018	-2.5 to 2.5	Pass
				-20	3.70	4.403	0.0023	-2.5 to 2.5	Pass
				-10	3.70	6.238	0.0033	-2.5 to 2.5	Pass
				0	3.70	4.05	0.0022	-2.5 to 2.5	Pass
				10	3.70	-1.518	-0.0008	-2.5 to 2.5	Pass
				30	3.70	-4.48	-0.0024	-2.5 to 2.5	Pass
				40	3.70	4.743	0.0025	-2.5 to 2.5	Pass
	50	3.70	-1.699	-0.0009	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	4.647	0.0024	-2.5 to 2.5	Pass
					3.70	-5.658	-0.003	-2.5 to 2.5	Pass
					4.20	1.985	0.001	-2.5 to 2.5	Pass
				-30	3.70	0.747	0.0004	-2.5 to 2.5	Pass
				-20	3.70	-2.351	-0.0012	-2.5 to 2.5	Pass
-10				3.70	-1.674	-0.0009	-2.5 to 2.5	Pass	
0				3.70	-6.582	-0.0034	-2.5 to 2.5	Pass	
10				3.70	1.711	0.0009	-2.5 to 2.5	Pass	
30				3.70	-2.82	-0.0015	-2.5 to 2.5	Pass	
40				3.70	0.767	0.0004	-2.5 to 2.5	Pass	
50	3.70	-0.469	-0.0002	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-3.13	-0.0017	-2.5 to 2.5	Pass
					3.70	0.256	0.0001	-2.5 to 2.5	Pass
					4.20	4.89	0.0026	-2.5 to 2.5	Pass
				-30	3.70	1.45	0.0008	-2.5 to 2.5	Pass
				-20	3.70	0.111	0.0001	-2.5 to 2.5	Pass
				-10	3.70	-2.205	-0.0012	-2.5 to 2.5	Pass
				0	3.70	6.001	0.0032	-2.5 to 2.5	Pass
				10	3.70	2.518	0.0014	-2.5 to 2.5	Pass
				30	3.70	-4.074	-0.0022	-2.5 to 2.5	Pass
				40	3.70	-3.284	-0.0018	-2.5 to 2.5	Pass
	50	3.70	4.62	0.0025	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	6.617	0.0035	-2.5 to 2.5	Pass
					3.70	-0.098	-0.0001	-2.5 to 2.5	Pass
					4.20	-4.201	-0.0022	-2.5 to 2.5	Pass
				-30	3.70	1.854	0.001	-2.5 to 2.5	Pass
				-20	3.70	-3.404	-0.0018	-2.5 to 2.5	Pass
				-10	3.70	5.313	0.0028	-2.5 to 2.5	Pass
				0	3.70	-1.1	-0.0006	-2.5 to 2.5	Pass
				10	3.70	1.357	0.0007	-2.5 to 2.5	Pass
				30	3.70	6.773	0.0036	-2.5 to 2.5	Pass
40				3.70	-3.857	-0.002	-2.5 to 2.5	Pass	

	H	1	47	50	3.70	-5.588	-0.003	-2.5 to 2.5	Pass
				20	3.20	1.314	0.0007	-2.5 to 2.5	Pass
					3.70	3.213	0.0017	-2.5 to 2.5	Pass
					4.20	-4.685	-0.0024	-2.5 to 2.5	Pass
				-30	3.70	-3.993	-0.0021	-2.5 to 2.5	Pass
				-20	3.70	-6.419	-0.0034	-2.5 to 2.5	Pass
				-10	3.70	-3.599	-0.0019	-2.5 to 2.5	Pass
				0	3.70	-3.424	-0.0018	-2.5 to 2.5	Pass
				10	3.70	-4.738	-0.0025	-2.5 to 2.5	Pass
				30	3.70	6.283	0.0033	-2.5 to 2.5	Pass
				40	3.70	2.799	0.0015	-2.5 to 2.5	Pass
				50	3.70	-0.35	-0.0002	-2.5 to 2.5	Pass

Band: 25 / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	-0.453	-0.0002	-2.5 to 2.5	Pass
					3.70	3.74	0.002	-2.5 to 2.5	Pass
					4.20	-6.744	-0.0036	-2.5 to 2.5	Pass
				-30	3.70	6.628	0.0036	-2.5 to 2.5	Pass
				-20	3.70	-3.507	-0.0019	-2.5 to 2.5	Pass
				-10	3.70	-0.828	-0.0004	-2.5 to 2.5	Pass
				0	3.70	-3.965	-0.0021	-2.5 to 2.5	Pass
				10	3.70	-0.502	-0.0003	-2.5 to 2.5	Pass
				30	3.70	-1.779	-0.001	-2.5 to 2.5	Pass
				40	3.70	-5.556	-0.003	-2.5 to 2.5	Pass
	50	3.70	4.441	0.0024	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	3.914	0.0021	-2.5 to 2.5	Pass
					3.70	5.538	0.0029	-2.5 to 2.5	Pass
					4.20	4.681	0.0025	-2.5 to 2.5	Pass
				-30	3.70	4.868	0.0026	-2.5 to 2.5	Pass
				-20	3.70	-6.977	-0.0037	-2.5 to 2.5	Pass
				-10	3.70	3.705	0.002	-2.5 to 2.5	Pass
				0	3.70	2.602	0.0014	-2.5 to 2.5	Pass
				10	3.70	2.045	0.0011	-2.5 to 2.5	Pass
				30	3.70	6.413	0.0034	-2.5 to 2.5	Pass
				40	3.70	-1.033	-0.0005	-2.5 to 2.5	Pass
	50	3.70	-4.545	-0.0024	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	6.488	0.0034	-2.5 to 2.5	Pass
					3.70	2.693	0.0014	-2.5 to 2.5	Pass
					4.20	4.29	0.0022	-2.5 to 2.5	Pass
				-30	3.70	0.974	0.0005	-2.5 to 2.5	Pass
				-20	3.70	-5.37	-0.0028	-2.5 to 2.5	Pass
				-10	3.70	-5.989	-0.0031	-2.5 to 2.5	Pass
				0	3.70	4.377	0.0023	-2.5 to 2.5	Pass
				10	3.70	6.197	0.0032	-2.5 to 2.5	Pass
30				3.70	0.02	0	-2.5 to 2.5	Pass	
40				3.70	-3.307	-0.0017	-2.5 to 2.5	Pass	
50	3.70	-1.166	-0.0006	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	2.385	0.0013	-2.5 to 2.5	Pass
					3.70	-4.346	-0.0023	-2.5 to 2.5	Pass
					4.20	-5.858	-0.0032	-2.5 to 2.5	Pass
				-30	3.70	-6.877	-0.0037	-2.5 to 2.5	Pass
				-20	3.70	-5.341	-0.0029	-2.5 to 2.5	Pass
				-10	3.70	-0.064	0	-2.5 to 2.5	Pass
				0	3.70	6.566	0.0035	-2.5 to 2.5	Pass
				10	3.70	-5.28	-0.0029	-2.5 to 2.5	Pass
30	3.70	-5.552	-0.003	-2.5 to 2.5	Pass				

				40	3.70	-1.853	-0.001	-2.5 to 2.5	Pass			
				50	3.70	-6.226	-0.0034	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	6.054	0.0032	-2.5 to 2.5	Pass			
3.70					5.981	0.0032	-2.5 to 2.5	Pass				
4.20					3.176	0.0017	-2.5 to 2.5	Pass				
-30				3.70	0.606	0.0003	-2.5 to 2.5	Pass				
-20				3.70	-6.359	-0.0034	-2.5 to 2.5	Pass				
-10				3.70	-3.764	-0.002	-2.5 to 2.5	Pass				
0				3.70	-5.047	-0.0027	-2.5 to 2.5	Pass				
10				3.70	0.543	0.0003	-2.5 to 2.5	Pass				
30				3.70	0.169	0.0001	-2.5 to 2.5	Pass				
40				3.70	2.109	0.0011	-2.5 to 2.5	Pass				
50				3.70	6.761	0.0036	-2.5 to 2.5	Pass				
				H	1	47	20	3.20	5.999	0.0031	-2.5 to 2.5	Pass
3.70								3.349	0.0017	-2.5 to 2.5	Pass	
4.20	-3.388	-0.0018	-2.5 to 2.5					Pass				
-30	3.70	-3.739	-0.002				-2.5 to 2.5	Pass				
-20	3.70	-5.759	-0.003				-2.5 to 2.5	Pass				
-10	3.70	4.327	0.0023				-2.5 to 2.5	Pass				
0	3.70	-3.798	-0.002				-2.5 to 2.5	Pass				
10	3.70	4.953	0.0026				-2.5 to 2.5	Pass				
30	3.70	1.699	0.0009				-2.5 to 2.5	Pass				
40	3.70	-5.865	-0.0031				-2.5 to 2.5	Pass				
50	3.70	0.065	0				-2.5 to 2.5	Pass				

Band: 26a / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	-2.252	-0.0027	-2.5 to 2.5	Pass
					3.70	-1.559	-0.0019	-2.5 to 2.5	Pass
					4.20	2.596	0.0032	-2.5 to 2.5	Pass
				-30	3.70	-3.653	-0.0044	-2.5 to 2.5	Pass
				-20	3.70	-1.149	-0.0014	-2.5 to 2.5	Pass
				-10	3.70	3.598	0.0044	-2.5 to 2.5	Pass
				0	3.70	-4.542	-0.0055	-2.5 to 2.5	Pass
				10	3.70	-3.173	-0.0039	-2.5 to 2.5	Pass
				30	3.70	-3.057	-0.0037	-2.5 to 2.5	Pass
				40	3.70	4.608	0.0056	-2.5 to 2.5	Pass
	50	3.70	2.492	0.003	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	1.935	0.0024	-2.5 to 2.5	Pass
					3.70	-0.021	0	-2.5 to 2.5	Pass
					4.20	0.433	0.0005	-2.5 to 2.5	Pass
				-30	3.70	1.554	0.0019	-2.5 to 2.5	Pass
				-20	3.70	4.743	0.0058	-2.5 to 2.5	Pass
				-10	3.70	3.349	0.0041	-2.5 to 2.5	Pass
				0	3.70	-1.304	-0.0016	-2.5 to 2.5	Pass
				10	3.70	-3.143	-0.0038	-2.5 to 2.5	Pass
				30	3.70	-0.558	-0.0007	-2.5 to 2.5	Pass
				40	3.70	-4.479	-0.0055	-2.5 to 2.5	Pass
	50	3.70	0.377	0.0005	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	-4.844	-0.0059	-2.5 to 2.5	Pass
					3.70	2.382	0.0029	-2.5 to 2.5	Pass
					4.20	3.349	0.0041	-2.5 to 2.5	Pass
				-30	3.70	-0.061	-0.0001	-2.5 to 2.5	Pass
				-20	3.70	4.398	0.0053	-2.5 to 2.5	Pass
-10				3.70	1.95	0.0024	-2.5 to 2.5	Pass	
0				3.70	4.42	0.0054	-2.5 to 2.5	Pass	
10				3.70	-4.725	-0.0057	-2.5 to 2.5	Pass	
30				3.70	4.41	0.0054	-2.5 to 2.5	Pass	
40				3.70	-0.585	-0.0007	-2.5 to 2.5	Pass	
50	3.70	-4.309	-0.0052	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-1.881	-0.0023	-2.5 to 2.5	Pass
					3.70	2.941	0.0036	-2.5 to 2.5	Pass
					4.20	4.512	0.0055	-2.5 to 2.5	Pass
				-30	3.70	-2.587	-0.0031	-2.5 to 2.5	Pass
				-20	3.70	2.108	0.0026	-2.5 to 2.5	Pass
				-10	3.70	2.459	0.003	-2.5 to 2.5	Pass
				0	3.70	3.429	0.0042	-2.5 to 2.5	Pass
				10	3.70	-4.391	-0.0053	-2.5 to 2.5	Pass
				30	3.70	4.968	0.006	-2.5 to 2.5	Pass
				40	3.70	4.962	0.006	-2.5 to 2.5	Pass
	50	3.70	0.067	0.0001	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	2.598	0.0032	-2.5 to 2.5	Pass
					3.70	3.725	0.0045	-2.5 to 2.5	Pass
					4.20	-1.27	-0.0016	-2.5 to 2.5	Pass
				-30	3.70	1.603	0.002	-2.5 to 2.5	Pass
				-20	3.70	0.535	0.0007	-2.5 to 2.5	Pass
				-10	3.70	2.015	0.0025	-2.5 to 2.5	Pass
0				3.70	4.623	0.0056	-2.5 to 2.5	Pass	
10	3.70	-1.598	-0.002	-2.5 to 2.5	Pass				
30	3.70	4.326	0.0053	-2.5 to 2.5	Pass				
40	3.70	-1.246	-0.0015	-2.5 to 2.5	Pass				

				50	3.70	-4.04	-0.0049	-2.5 to 2.5	Pass
				20	3.20	3.129	0.0038	-2.5 to 2.5	Pass
					3.70	-0.449	-0.0005	-2.5 to 2.5	Pass
					4.20	2.52	0.0031	-2.5 to 2.5	Pass
					-30	3.70	4.22	0.0051	-2.5 to 2.5
				-20	3.70	1.866	0.0023	-2.5 to 2.5	Pass
				-10	3.70	-0.655	-0.0008	-2.5 to 2.5	Pass
				0	3.70	-4.132	-0.005	-2.5 to 2.5	Pass
				10	3.70	2.119	0.0026	-2.5 to 2.5	Pass
				30	3.70	-2.181	-0.0026	-2.5 to 2.5	Pass
				40	3.70	3.969	0.0048	-2.5 to 2.5	Pass
				50	3.70	-1.579	-0.0019	-2.5 to 2.5	Pass

Band: 26a / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	-2.966	-0.0036	-2.5 to 2.5	Pass
					3.70	3.34	0.0041	-2.5 to 2.5	Pass
					4.20	3.653	0.0044	-2.5 to 2.5	Pass
				-30	3.70	-2.634	-0.0032	-2.5 to 2.5	Pass
				-20	3.70	-3.094	-0.0038	-2.5 to 2.5	Pass
				-10	3.70	-4.069	-0.0049	-2.5 to 2.5	Pass
				0	3.70	-0.894	-0.0011	-2.5 to 2.5	Pass
				10	3.70	0.061	0.0001	-2.5 to 2.5	Pass
				30	3.70	2.169	0.0026	-2.5 to 2.5	Pass
				40	3.70	-4.581	-0.0056	-2.5 to 2.5	Pass
	50	3.70	-2.116	-0.0026	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	-1.939	-0.0024	-2.5 to 2.5	Pass
					3.70	-1.453	-0.0018	-2.5 to 2.5	Pass
					4.20	-4.049	-0.0049	-2.5 to 2.5	Pass
				-30	3.70	3.406	0.0042	-2.5 to 2.5	Pass
				-20	3.70	-1.539	-0.0019	-2.5 to 2.5	Pass
				-10	3.70	2.39	0.0029	-2.5 to 2.5	Pass
				0	3.70	4.078	0.005	-2.5 to 2.5	Pass
				10	3.70	0.983	0.0012	-2.5 to 2.5	Pass
				30	3.70	1.893	0.0023	-2.5 to 2.5	Pass
				40	3.70	1.891	0.0023	-2.5 to 2.5	Pass
	50	3.70	-4.545	-0.0055	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	1.732	0.0021	-2.5 to 2.5	Pass
					3.70	3.441	0.0042	-2.5 to 2.5	Pass
					4.20	0.281	0.0003	-2.5 to 2.5	Pass
				-30	3.70	2.9	0.0035	-2.5 to 2.5	Pass
				-20	3.70	-3.042	-0.0037	-2.5 to 2.5	Pass
				-10	3.70	-1.557	-0.0019	-2.5 to 2.5	Pass
				0	3.70	-1.615	-0.002	-2.5 to 2.5	Pass
				10	3.70	4.817	0.0058	-2.5 to 2.5	Pass
30				3.70	-4.486	-0.0054	-2.5 to 2.5	Pass	
40				3.70	-3.282	-0.004	-2.5 to 2.5	Pass	
50	3.70	-1.219	-0.0015	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-2.71	-0.0033	-2.5 to 2.5	Pass
					3.70	4.513	0.0055	-2.5 to 2.5	Pass
					4.20	2.256	0.0027	-2.5 to 2.5	Pass
				-30	3.70	2.359	0.0029	-2.5 to 2.5	Pass
				-20	3.70	-4.934	-0.006	-2.5 to 2.5	Pass
				-10	3.70	-0.273	-0.0003	-2.5 to 2.5	Pass
				0	3.70	0.729	0.0009	-2.5 to 2.5	Pass
				10	3.70	4.41	0.0054	-2.5 to 2.5	Pass
30	3.70	4.58	0.0056	-2.5 to 2.5	Pass				

	M	1	0	40	3.70	1.434	0.0017	-2.5 to 2.5	Pass
				50	3.70	3.774	0.0046	-2.5 to 2.5	Pass
				20	3.20	-4.135	-0.005	-2.5 to 2.5	Pass
					3.70	3.321	0.0041	-2.5 to 2.5	Pass
					4.20	0.836	0.001	-2.5 to 2.5	Pass
				-30	3.70	-2.296	-0.0028	-2.5 to 2.5	Pass
				-20	3.70	4.855	0.0059	-2.5 to 2.5	Pass
				-10	3.70	2.682	0.0033	-2.5 to 2.5	Pass
				0	3.70	0.108	0.0001	-2.5 to 2.5	Pass
				10	3.70	2.092	0.0026	-2.5 to 2.5	Pass
	30	3.70	2.463	0.003	-2.5 to 2.5	Pass			
	40	3.70	-0.694	-0.0008	-2.5 to 2.5	Pass			
	50	3.70	-1.055	-0.0013	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	2.377	0.0029	-2.5 to 2.5	Pass
					3.70	-3.831	-0.0046	-2.5 to 2.5	Pass
					4.20	1.157	0.0014	-2.5 to 2.5	Pass
				-30	3.70	2.041	0.0025	-2.5 to 2.5	Pass
				-20	3.70	-3.631	-0.0044	-2.5 to 2.5	Pass
				-10	3.70	-0.809	-0.001	-2.5 to 2.5	Pass
				0	3.70	1.127	0.0014	-2.5 to 2.5	Pass
10				3.70	-4.599	-0.0056	-2.5 to 2.5	Pass	
30				3.70	4.363	0.0053	-2.5 to 2.5	Pass	
40				3.70	1.406	0.0017	-2.5 to 2.5	Pass	
50	3.70	1.207	0.0015	-2.5 to 2.5	Pass				



Band: 26b / SCS:3.75KHz

Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	0.235	0.0003	-2.5 to 2.5	Pass
					3.70	-1.992	-0.0024	-2.5 to 2.5	Pass
					4.20	3.728	0.0045	-2.5 to 2.5	Pass
				-30	3.70	3.89	0.0047	-2.5 to 2.5	Pass
				-20	3.70	-3.154	-0.0038	-2.5 to 2.5	Pass
				-10	3.70	-1.236	-0.0015	-2.5 to 2.5	Pass
				0	3.70	-2.618	-0.0032	-2.5 to 2.5	Pass
				10	3.70	-0.2	-0.0002	-2.5 to 2.5	Pass
				30	3.70	-2.122	-0.0026	-2.5 to 2.5	Pass
				40	3.70	-3.656	-0.0044	-2.5 to 2.5	Pass
	50	3.70	2.418	0.0029	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-4.623	-0.0055	-2.5 to 2.5	Pass
					3.70	-1.414	-0.0017	-2.5 to 2.5	Pass
					4.20	4.241	0.0051	-2.5 to 2.5	Pass
				-30	3.70	1.081	0.0013	-2.5 to 2.5	Pass
				-20	3.70	1.8	0.0022	-2.5 to 2.5	Pass
				-10	3.70	2.039	0.0024	-2.5 to 2.5	Pass
				0	3.70	-0.219	-0.0003	-2.5 to 2.5	Pass
				10	3.70	3.165	0.0038	-2.5 to 2.5	Pass
				30	3.70	-3.395	-0.0041	-2.5 to 2.5	Pass
				40	3.70	3.485	0.0042	-2.5 to 2.5	Pass
	50	3.70	0.778	0.0009	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	-2.431	-0.0029	-2.5 to 2.5	Pass
					3.70	2.365	0.0028	-2.5 to 2.5	Pass
					4.20	-2.833	-0.0033	-2.5 to 2.5	Pass
				-30	3.70	-1.892	-0.0022	-2.5 to 2.5	Pass
				-20	3.70	1.337	0.0016	-2.5 to 2.5	Pass
-10				3.70	-1.252	-0.0015	-2.5 to 2.5	Pass	
0				3.70	-1.289	-0.0015	-2.5 to 2.5	Pass	
10				3.70	0.001	0	-2.5 to 2.5	Pass	
30				3.70	2.19	0.0026	-2.5 to 2.5	Pass	
40				3.70	-2.099	-0.0025	-2.5 to 2.5	Pass	
50	3.70	-0.216	-0.0003	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-3.262	-0.004	-2.5 to 2.5	Pass
					3.70	1.478	0.0018	-2.5 to 2.5	Pass
					4.20	3.42	0.0041	-2.5 to 2.5	Pass
				-30	3.70	-0.091	-0.0001	-2.5 to 2.5	Pass
				-20	3.70	-1.391	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	3.066	0.0037	-2.5 to 2.5	Pass
				0	3.70	0.969	0.0012	-2.5 to 2.5	Pass
				10	3.70	2.321	0.0028	-2.5 to 2.5	Pass
				30	3.70	2.23	0.0027	-2.5 to 2.5	Pass
				40	3.70	-0.21	-0.0003	-2.5 to 2.5	Pass
	50	3.70	-2.916	-0.0035	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-2.435	-0.0029	-2.5 to 2.5	Pass
					3.70	2.252	0.0027	-2.5 to 2.5	Pass
					4.20	0.173	0.0002	-2.5 to 2.5	Pass
				-30	3.70	-4.918	-0.0059	-2.5 to 2.5	Pass
				-20	3.70	-2.668	-0.0032	-2.5 to 2.5	Pass
				-10	3.70	-4.813	-0.0058	-2.5 to 2.5	Pass
				0	3.70	0.711	0.0009	-2.5 to 2.5	Pass
				10	3.70	-0.086	-0.0001	-2.5 to 2.5	Pass
				30	3.70	-3.278	-0.0039	-2.5 to 2.5	Pass
40				3.70	0.498	0.0006	-2.5 to 2.5	Pass	

				50	3.70	3.834	0.0046	-2.5 to 2.5	Pass
				20	3.20	1.618	0.0019	-2.5 to 2.5	Pass
					3.70	-0.906	-0.0011	-2.5 to 2.5	Pass
					4.20	-0.902	-0.0011	-2.5 to 2.5	Pass
					-30	3.70	-4.864	-0.0057	-2.5 to 2.5
				-20	3.70	-4.818	-0.0057	-2.5 to 2.5	Pass
				-10	3.70	1.782	0.0021	-2.5 to 2.5	Pass
				0	3.70	-0.119	-0.0001	-2.5 to 2.5	Pass
				10	3.70	-0.93	-0.0011	-2.5 to 2.5	Pass
				30	3.70	3.126	0.0037	-2.5 to 2.5	Pass
				40	3.70	4.414	0.0052	-2.5 to 2.5	Pass
				50	3.70	-4.855	-0.0057	-2.5 to 2.5	Pass

Band: 26b / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	-1.558	-0.0019	-2.5 to 2.5	Pass
					3.70	-4.329	-0.0053	-2.5 to 2.5	Pass
					4.20	-3.469	-0.0042	-2.5 to 2.5	Pass
				-30	3.70	-3.901	-0.0047	-2.5 to 2.5	Pass
				-20	3.70	-2.997	-0.0036	-2.5 to 2.5	Pass
				-10	3.70	-0.925	-0.0011	-2.5 to 2.5	Pass
				0	3.70	-2.423	-0.0029	-2.5 to 2.5	Pass
				10	3.70	-1.782	-0.0022	-2.5 to 2.5	Pass
				30	3.70	-0.404	-0.0005	-2.5 to 2.5	Pass
				40	3.70	4.728	0.0057	-2.5 to 2.5	Pass
	50	3.70	-4.505	-0.0055	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	1.114	0.0013	-2.5 to 2.5	Pass
					3.70	-4.275	-0.0051	-2.5 to 2.5	Pass
					4.20	1.604	0.0019	-2.5 to 2.5	Pass
				-30	3.70	-0.76	-0.0009	-2.5 to 2.5	Pass
				-20	3.70	2.533	0.003	-2.5 to 2.5	Pass
				-10	3.70	0.445	0.0005	-2.5 to 2.5	Pass
				0	3.70	-4.318	-0.0052	-2.5 to 2.5	Pass
				10	3.70	-1.611	-0.0019	-2.5 to 2.5	Pass
				30	3.70	-0.954	-0.0011	-2.5 to 2.5	Pass
				40	3.70	1.412	0.0017	-2.5 to 2.5	Pass
	50	3.70	2.889	0.0035	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	1.064	0.0013	-2.5 to 2.5	Pass
					3.70	4.963	0.0058	-2.5 to 2.5	Pass
					4.20	2.045	0.0024	-2.5 to 2.5	Pass
				-30	3.70	-4.409	-0.0052	-2.5 to 2.5	Pass
				-20	3.70	-4.924	-0.0058	-2.5 to 2.5	Pass
				-10	3.70	-1.553	-0.0018	-2.5 to 2.5	Pass
				0	3.70	3.757	0.0044	-2.5 to 2.5	Pass
				10	3.70	-0.443	-0.0005	-2.5 to 2.5	Pass
30				3.70	-2.234	-0.0026	-2.5 to 2.5	Pass	
40				3.70	2.804	0.0033	-2.5 to 2.5	Pass	
50	3.70	-3.417	-0.004	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	2.845	0.0034	-2.5 to 2.5	Pass
					3.70	0.709	0.0009	-2.5 to 2.5	Pass
					4.20	3.23	0.0039	-2.5 to 2.5	Pass
				-30	3.70	-1.7	-0.0021	-2.5 to 2.5	Pass
				-20	3.70	-2.25	-0.0027	-2.5 to 2.5	Pass
				-10	3.70	-1.539	-0.0019	-2.5 to 2.5	Pass
				0	3.70	4.124	0.005	-2.5 to 2.5	Pass
				10	3.70	-2.46	-0.003	-2.5 to 2.5	Pass
30	3.70	3.546	0.0043	-2.5 to 2.5	Pass				

	M	1	0	40	3.70	4.15	0.005	-2.5 to 2.5	Pass
				50	3.70	-2.601	-0.0032	-2.5 to 2.5	Pass
				20	3.20	4.128	0.005	-2.5 to 2.5	Pass
					3.70	2.229	0.0027	-2.5 to 2.5	Pass
					4.20	-3.073	-0.0037	-2.5 to 2.5	Pass
				-30	3.70	4.289	0.0052	-2.5 to 2.5	Pass
				-20	3.70	2.739	0.0033	-2.5 to 2.5	Pass
				-10	3.70	4.186	0.005	-2.5 to 2.5	Pass
				0	3.70	-2.931	-0.0035	-2.5 to 2.5	Pass
				10	3.70	1.074	0.0013	-2.5 to 2.5	Pass
	30	3.70	0.933	0.0011	-2.5 to 2.5	Pass			
	40	3.70	-3.899	-0.0047	-2.5 to 2.5	Pass			
	50	3.70	0.846	0.001	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	-1.178	-0.0014	-2.5 to 2.5	Pass
					3.70	-1.887	-0.0022	-2.5 to 2.5	Pass
					4.20	-1.787	-0.0021	-2.5 to 2.5	Pass
				-30	3.70	-1.876	-0.0022	-2.5 to 2.5	Pass
				-20	3.70	-0.991	-0.0012	-2.5 to 2.5	Pass
				-10	3.70	-2.082	-0.0025	-2.5 to 2.5	Pass
				0	3.70	0.953	0.0011	-2.5 to 2.5	Pass
10				3.70	-3.392	-0.004	-2.5 to 2.5	Pass	
30				3.70	0.269	0.0003	-2.5 to 2.5	Pass	
40				3.70	1.503	0.0018	-2.5 to 2.5	Pass	
50	3.70	1.503	0.0018	-2.5 to 2.5	Pass				

Band: 66 / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	-3.887	-0.0023	-2.5 to 2.5	Pass
					3.70	-5.154	-0.003	-2.5 to 2.5	Pass
					4.20	3.877	0.0023	-2.5 to 2.5	Pass
				-30	3.70	-2.098	-0.0012	-2.5 to 2.5	Pass
				-20	3.70	-0.29	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	2.976	0.0017	-2.5 to 2.5	Pass
				0	3.70	-5.764	-0.0034	-2.5 to 2.5	Pass
				10	3.70	-0.072	0	-2.5 to 2.5	Pass
				30	3.70	-1.153	-0.0007	-2.5 to 2.5	Pass
				40	3.70	-1.686	-0.001	-2.5 to 2.5	Pass
	50	3.70	4.673	0.0027	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-5.855	-0.0034	-2.5 to 2.5	Pass
					3.70	-2.362	-0.0014	-2.5 to 2.5	Pass
					4.20	2.993	0.0017	-2.5 to 2.5	Pass
				-30	3.70	-2.57	-0.0015	-2.5 to 2.5	Pass
				-20	3.70	3.928	0.0023	-2.5 to 2.5	Pass
				-10	3.70	0.696	0.0004	-2.5 to 2.5	Pass
				0	3.70	2.12	0.0012	-2.5 to 2.5	Pass
				10	3.70	-5.228	-0.003	-2.5 to 2.5	Pass
				30	3.70	-4.351	-0.0025	-2.5 to 2.5	Pass
				40	3.70	0.926	0.0005	-2.5 to 2.5	Pass
	50	3.70	1.58	0.0009	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	-4.012	-0.0023	-2.5 to 2.5	Pass
					3.70	-3.299	-0.0019	-2.5 to 2.5	Pass
					4.20	0.01	0	-2.5 to 2.5	Pass
				-30	3.70	0.882	0.0005	-2.5 to 2.5	Pass
				-20	3.70	-4.337	-0.0024	-2.5 to 2.5	Pass
-10				3.70	0.216	0.0001	-2.5 to 2.5	Pass	
0				3.70	-3.851	-0.0022	-2.5 to 2.5	Pass	
10				3.70	2.232	0.0013	-2.5 to 2.5	Pass	
30				3.70	-3.856	-0.0022	-2.5 to 2.5	Pass	
40				3.70	0.832	0.0005	-2.5 to 2.5	Pass	
50	3.70	2.251	0.0013	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	-3.978	-0.0023	-2.5 to 2.5	Pass
					3.70	-0.286	-0.0002	-2.5 to 2.5	Pass
					4.20	-4.867	-0.0028	-2.5 to 2.5	Pass
				-30	3.70	-5.86	-0.0034	-2.5 to 2.5	Pass
				-20	3.70	-0.568	-0.0003	-2.5 to 2.5	Pass
				-10	3.70	1.263	0.0007	-2.5 to 2.5	Pass
				0	3.70	2.603	0.0015	-2.5 to 2.5	Pass
				10	3.70	-0.622	-0.0004	-2.5 to 2.5	Pass
				30	3.70	-2.286	-0.0013	-2.5 to 2.5	Pass
				40	3.70	0.86	0.0005	-2.5 to 2.5	Pass
	50	3.70	4.098	0.0024	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-3.901	-0.0022	-2.5 to 2.5	Pass
					3.70	-4.031	-0.0023	-2.5 to 2.5	Pass
					4.20	5.059	0.0029	-2.5 to 2.5	Pass
				-30	3.70	-0.801	-0.0005	-2.5 to 2.5	Pass
				-20	3.70	-0.321	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	3.209	0.0018	-2.5 to 2.5	Pass
				0	3.70	-2.801	-0.0016	-2.5 to 2.5	Pass
				10	3.70	3.615	0.0021	-2.5 to 2.5	Pass
				30	3.70	2.601	0.0015	-2.5 to 2.5	Pass
40				3.70	5.573	0.0032	-2.5 to 2.5	Pass	

	H	1	47	50	3.70	3.432	0.002	-2.5 to 2.5	Pass
				20	3.20	3.023	0.0017	-2.5 to 2.5	Pass
					3.70	5.451	0.0031	-2.5 to 2.5	Pass
					4.20	2.612	0.0015	-2.5 to 2.5	Pass
				-30	3.70	0.452	0.0003	-2.5 to 2.5	Pass
				-20	3.70	0.905	0.0005	-2.5 to 2.5	Pass
				-10	3.70	-5.715	-0.0032	-2.5 to 2.5	Pass
				0	3.70	1.052	0.0006	-2.5 to 2.5	Pass
				10	3.70	-4.395	-0.0025	-2.5 to 2.5	Pass
				30	3.70	4.406	0.0025	-2.5 to 2.5	Pass
				40	3.70	-0.619	-0.0003	-2.5 to 2.5	Pass
				50	3.70	1.85	0.001	-2.5 to 2.5	Pass

Band: 66 / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	3.896	0.0023	-2.5 to 2.5	Pass
					3.70	1.888	0.0011	-2.5 to 2.5	Pass
					4.20	0.508	0.0003	-2.5 to 2.5	Pass
				-30	3.70	0.44	0.0003	-2.5 to 2.5	Pass
				-20	3.70	5.994	0.0035	-2.5 to 2.5	Pass
				-10	3.70	0.736	0.0004	-2.5 to 2.5	Pass
				0	3.70	0.078	0	-2.5 to 2.5	Pass
				10	3.70	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.70	-4.561	-0.0027	-2.5 to 2.5	Pass
				40	3.70	3.513	0.0021	-2.5 to 2.5	Pass
	50	3.70	2.769	0.0016	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	-2.324	-0.0013	-2.5 to 2.5	Pass
					3.70	-3.182	-0.0018	-2.5 to 2.5	Pass
					4.20	-4.432	-0.0025	-2.5 to 2.5	Pass
				-30	3.70	-5.909	-0.0034	-2.5 to 2.5	Pass
				-20	3.70	-0.274	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	-1.478	-0.0008	-2.5 to 2.5	Pass
				0	3.70	-2.588	-0.0015	-2.5 to 2.5	Pass
				10	3.70	-4.08	-0.0023	-2.5 to 2.5	Pass
				30	3.70	-1.688	-0.001	-2.5 to 2.5	Pass
				40	3.70	0.884	0.0005	-2.5 to 2.5	Pass
	50	3.70	-0.29	-0.0002	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	-2.205	-0.0012	-2.5 to 2.5	Pass
					3.70	-0.124	-0.0001	-2.5 to 2.5	Pass
					4.20	-3.871	-0.0022	-2.5 to 2.5	Pass
				-30	3.70	-4.026	-0.0023	-2.5 to 2.5	Pass
				-20	3.70	-5.864	-0.0033	-2.5 to 2.5	Pass
				-10	3.70	2.368	0.0013	-2.5 to 2.5	Pass
				0	3.70	2.637	0.0015	-2.5 to 2.5	Pass
				10	3.70	-2.995	-0.0017	-2.5 to 2.5	Pass
30				3.70	-1.561	-0.0009	-2.5 to 2.5	Pass	
40				3.70	2.523	0.0014	-2.5 to 2.5	Pass	
50	3.70	-3.22	-0.0018	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	0.696	0.0004	-2.5 to 2.5	Pass
					3.70	-5.338	-0.0031	-2.5 to 2.5	Pass
					4.20	3.284	0.0019	-2.5 to 2.5	Pass
				-30	3.70	1.042	0.0006	-2.5 to 2.5	Pass
				-20	3.70	-5.859	-0.0034	-2.5 to 2.5	Pass
				-10	3.70	-3.261	-0.0019	-2.5 to 2.5	Pass
				0	3.70	3.742	0.0022	-2.5 to 2.5	Pass
				10	3.70	2.699	0.0016	-2.5 to 2.5	Pass
30	3.70	-0.798	-0.0005	-2.5 to 2.5	Pass				

				40	3.70	-2.266	-0.0013	-2.5 to 2.5	Pass			
				50	3.70	3.467	0.002	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	0.062	0	-2.5 to 2.5	Pass			
3.70					-3.103	-0.0018	-2.5 to 2.5	Pass				
4.20					1.435	0.0008	-2.5 to 2.5	Pass				
-30				3.70	0.696	0.0004	-2.5 to 2.5	Pass				
-20				3.70	-2	-0.0011	-2.5 to 2.5	Pass				
-10				3.70	-2.684	-0.0015	-2.5 to 2.5	Pass				
0				3.70	-5.471	-0.0031	-2.5 to 2.5	Pass				
10				3.70	1.057	0.0006	-2.5 to 2.5	Pass				
30				3.70	-5.706	-0.0033	-2.5 to 2.5	Pass				
40				3.70	-0.135	-0.0001	-2.5 to 2.5	Pass				
50				3.70	1.285	0.0007	-2.5 to 2.5	Pass				
				H	1	47	20	3.20	0.802	0.0005	-2.5 to 2.5	Pass
3.70								0.527	0.0003	-2.5 to 2.5	Pass	
4.20	-0.87	-0.0005	-2.5 to 2.5					Pass				
-30	3.70	-5.121	-0.0029				-2.5 to 2.5	Pass				
-20	3.70	3.466	0.0019				-2.5 to 2.5	Pass				
-10	3.70	2.134	0.0012				-2.5 to 2.5	Pass				
0	3.70	3.137	0.0018				-2.5 to 2.5	Pass				
10	3.70	5.366	0.003				-2.5 to 2.5	Pass				
30	3.70	3.143	0.0018				-2.5 to 2.5	Pass				
40	3.70	-1.687	-0.0009				-2.5 to 2.5	Pass				
50	3.70	-0.57	-0.0003				-2.5 to 2.5	Pass				

Band: 85 / SCS:3.75KHz									
Modulation	Channel	N <sub>tone</sub>		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	1	0	20	3.20	5.387	0.0077	-2.5 to 2.5	Pass
					3.70	-5.827	-0.0083	-2.5 to 2.5	Pass
					4.20	-2.614	-0.0037	-2.5 to 2.5	Pass
				-30	3.70	-0.95	-0.0014	-2.5 to 2.5	Pass
				-20	3.70	5.712	0.0082	-2.5 to 2.5	Pass
				-10	3.70	-1.928	-0.0028	-2.5 to 2.5	Pass
				0	3.70	-5.443	-0.0078	-2.5 to 2.5	Pass
				10	3.70	5.842	0.0084	-2.5 to 2.5	Pass
				30	3.70	5.822	0.0083	-2.5 to 2.5	Pass
				40	3.70	-1.579	-0.0023	-2.5 to 2.5	Pass
	50	3.70	-0.437	-0.0006	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	5.137	0.0073	-2.5 to 2.5	Pass
					3.70	1.273	0.0018	-2.5 to 2.5	Pass
					4.20	4.501	0.0064	-2.5 to 2.5	Pass
				-30	3.70	0.278	0.0004	-2.5 to 2.5	Pass
				-20	3.70	0.62	0.0009	-2.5 to 2.5	Pass
				-10	3.70	3.471	0.0049	-2.5 to 2.5	Pass
				0	3.70	-2.276	-0.0032	-2.5 to 2.5	Pass
				10	3.70	-4.882	-0.0069	-2.5 to 2.5	Pass
				30	3.70	-2.327	-0.0033	-2.5 to 2.5	Pass
				40	3.70	4.323	0.0061	-2.5 to 2.5	Pass
	50	3.70	0.212	0.0003	-2.5 to 2.5	Pass			
	H	1	47	20	3.20	-1.226	-0.0017	-2.5 to 2.5	Pass
					3.70	2.562	0.0036	-2.5 to 2.5	Pass
					4.20	5.71	0.008	-2.5 to 2.5	Pass
				-30	3.70	4.33	0.006	-2.5 to 2.5	Pass
				-20	3.70	2.223	0.0031	-2.5 to 2.5	Pass
-10				3.70	2.863	0.004	-2.5 to 2.5	Pass	
0				3.70	5.529	0.0077	-2.5 to 2.5	Pass	
10				3.70	-3.609	-0.005	-2.5 to 2.5	Pass	
30				3.70	-4.428	-0.0062	-2.5 to 2.5	Pass	
40				3.70	1.937	0.0027	-2.5 to 2.5	Pass	
50	3.70	-0.488	-0.0007	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	2.769	0.004	-2.5 to 2.5	Pass
					3.70	-0.84	-0.0012	-2.5 to 2.5	Pass
					4.20	-2.282	-0.0033	-2.5 to 2.5	Pass
				-30	3.70	3.576	0.0051	-2.5 to 2.5	Pass
				-20	3.70	1.997	0.0029	-2.5 to 2.5	Pass
				-10	3.70	2.719	0.0039	-2.5 to 2.5	Pass
				0	3.70	-1.908	-0.0027	-2.5 to 2.5	Pass
				10	3.70	-5.913	-0.0085	-2.5 to 2.5	Pass
				30	3.70	0.086	0.0001	-2.5 to 2.5	Pass
				40	3.70	-3.014	-0.0043	-2.5 to 2.5	Pass
	50	3.70	2.508	0.0036	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-4.606	-0.0065	-2.5 to 2.5	Pass
					3.70	-0.996	-0.0014	-2.5 to 2.5	Pass
					4.20	3.419	0.0048	-2.5 to 2.5	Pass
				-30	3.70	-2.899	-0.0041	-2.5 to 2.5	Pass
				-20	3.70	-0.808	-0.0011	-2.5 to 2.5	Pass
				-10	3.70	-0.698	-0.001	-2.5 to 2.5	Pass
				0	3.70	4.104	0.0058	-2.5 to 2.5	Pass
				10	3.70	2.517	0.0036	-2.5 to 2.5	Pass
				30	3.70	5.863	0.0083	-2.5 to 2.5	Pass
40				3.70	0.659	0.0009	-2.5 to 2.5	Pass	

	H	1	47	50	3.70	-5.78	-0.0082	-2.5 to 2.5	Pass
				20	3.20	3.99	0.0056	-2.5 to 2.5	Pass
					3.70	1	0.0014	-2.5 to 2.5	Pass
					4.20	-4.68	-0.0065	-2.5 to 2.5	Pass
					-30	3.70	-2.715	-0.0038	-2.5 to 2.5
				-20	3.70	3.738	0.0052	-2.5 to 2.5	Pass
				-10	3.70	1.482	0.0021	-2.5 to 2.5	Pass
				0	3.70	-5.821	-0.0081	-2.5 to 2.5	Pass
				10	3.70	5.056	0.0071	-2.5 to 2.5	Pass
				30	3.70	-2.969	-0.0041	-2.5 to 2.5	Pass
				40	3.70	2.459	0.0034	-2.5 to 2.5	Pass
				50	3.70	-0.739	-0.001	-2.5 to 2.5	Pass

Band: 85 / SCS:15KHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	L	12	0	20	3.20	-2.073	-0.003	-2.5 to 2.5	Pass
					3.70	-3.909	-0.0056	-2.5 to 2.5	Pass
					4.20	-0.191	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	-3.883	-0.0056	-2.5 to 2.5	Pass
				-20	3.70	-2.151	-0.0031	-2.5 to 2.5	Pass
				-10	3.70	-2.278	-0.0033	-2.5 to 2.5	Pass
				0	3.70	-4.861	-0.007	-2.5 to 2.5	Pass
				10	3.70	1.258	0.0018	-2.5 to 2.5	Pass
				30	3.70	-5.303	-0.0076	-2.5 to 2.5	Pass
				40	3.70	-1.506	-0.0022	-2.5 to 2.5	Pass
	50	3.70	3.975	0.0057	-2.5 to 2.5	Pass			
	M	12	0	20	3.20	-5.622	-0.008	-2.5 to 2.5	Pass
					3.70	-5.075	-0.0072	-2.5 to 2.5	Pass
					4.20	-0.171	-0.0002	-2.5 to 2.5	Pass
				-30	3.70	-3.616	-0.0051	-2.5 to 2.5	Pass
				-20	3.70	-5.065	-0.0072	-2.5 to 2.5	Pass
				-10	3.70	2.059	0.0029	-2.5 to 2.5	Pass
				0	3.70	0.606	0.0009	-2.5 to 2.5	Pass
				10	3.70	-3.806	-0.0054	-2.5 to 2.5	Pass
				30	3.70	3.121	0.0044	-2.5 to 2.5	Pass
				40	3.70	5.632	0.008	-2.5 to 2.5	Pass
	50	3.70	5.838	0.0083	-2.5 to 2.5	Pass			
	H	12	0	20	3.20	-1.354	-0.0019	-2.5 to 2.5	Pass
					3.70	-5.097	-0.0071	-2.5 to 2.5	Pass
					4.20	-0.051	-0.0001	-2.5 to 2.5	Pass
				-30	3.70	2.892	0.004	-2.5 to 2.5	Pass
				-20	3.70	-2.455	-0.0034	-2.5 to 2.5	Pass
				-10	3.70	4.005	0.0056	-2.5 to 2.5	Pass
				0	3.70	5.478	0.0077	-2.5 to 2.5	Pass
				10	3.70	4.428	0.0062	-2.5 to 2.5	Pass
30				3.70	0.666	0.0009	-2.5 to 2.5	Pass	
40				3.70	0.656	0.0009	-2.5 to 2.5	Pass	
50	3.70	-0.889	-0.0012	-2.5 to 2.5	Pass				
BPSK	L	1	0	20	3.20	0.114	0.0002	-2.5 to 2.5	Pass
					3.70	-4.776	-0.0068	-2.5 to 2.5	Pass
					4.20	5.598	0.008	-2.5 to 2.5	Pass
				-30	3.70	-1.445	-0.0021	-2.5 to 2.5	Pass
				-20	3.70	-4.13	-0.0059	-2.5 to 2.5	Pass
				-10	3.70	-2.672	-0.0038	-2.5 to 2.5	Pass
				0	3.70	1.953	0.0028	-2.5 to 2.5	Pass
				10	3.70	-1.669	-0.0024	-2.5 to 2.5	Pass
30	3.70	-0.904	-0.0013	-2.5 to 2.5	Pass				



				40	3.70	-5.528	-0.0079	-2.5 to 2.5	Pass			
				50	3.70	-2.395	-0.0034	-2.5 to 2.5	Pass			
	M	1	0	20	3.20	-4.851	-0.0069	-2.5 to 2.5	Pass			
3.70					3.882	0.0055	-2.5 to 2.5	Pass				
4.20					0.914	0.0013	-2.5 to 2.5	Pass				
-30				3.70	-2.486	-0.0035	-2.5 to 2.5	Pass				
-20				3.70	-5.941	-0.0084	-2.5 to 2.5	Pass				
-10				3.70	2.238	0.0032	-2.5 to 2.5	Pass				
0				3.70	-3.821	-0.0054	-2.5 to 2.5	Pass				
10				3.70	3.675	0.0052	-2.5 to 2.5	Pass				
30				3.70	-0.729	-0.001	-2.5 to 2.5	Pass				
40				3.70	-2.493	-0.0035	-2.5 to 2.5	Pass				
50				3.70	-6	-0.0085	-2.5 to 2.5	Pass				
				H	1	47	20	3.20	1.028	0.0014	-2.5 to 2.5	Pass
3.70								-4.283	-0.006	-2.5 to 2.5	Pass	
4.20	-5.553	-0.0078	-2.5 to 2.5					Pass				
-30	3.70	-2.61	-0.0036				-2.5 to 2.5	Pass				
-20	3.70	-3.048	-0.0043				-2.5 to 2.5	Pass				
-10	3.70	-1.008	-0.0014				-2.5 to 2.5	Pass				
0	3.70	-4.938	-0.0069				-2.5 to 2.5	Pass				
10	3.70	3.536	0.0049				-2.5 to 2.5	Pass				
30	3.70	0.202	0.0003				-2.5 to 2.5	Pass				
40	3.70	0.313	0.0004				-2.5 to 2.5	Pass				
50	3.70	3.744	0.0052				-2.5 to 2.5	Pass				