

LTE Cat M Appendix-Frequency Stability

Band: 2 / Bandwidth: 20MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Low	6	0	20	3.3	-7.300	-0.0039	/	Pass
					3.8	6.670	0.0036	/	Pass
					4.3	1.890	0.001	/	Pass
				-30	3.8	-0.418	-0.0002	/	Pass
				-20	3.8	1.774	0.001	/	Pass
				-10	3.8	-4.241	-0.0023	/	Pass
				0	3.8	1.451	0.0008	/	Pass
				10	3.8	-2.420	-0.0013	/	Pass
				30	3.8	-3.757	-0.002	/	Pass
				40	3.8	3.200	0.0017	/	Pass
				50	3.8	-3.648	-0.002	/	Pass
	Middle	6	0	20	3.3	4.432	0.0024	/	Pass
					3.8	0.043	0	/	Pass
					4.3	-3.366	-0.0018	/	Pass
				-30	3.8	-4.102	-0.0022	/	Pass
				-20	3.8	-4.796	-0.0026	/	Pass
				-10	3.8	-0.814	-0.0004	/	Pass
				0	3.8	-4.152	-0.0022	/	Pass
				10	3.8	4.199	0.0022	/	Pass
				30	3.8	-2.738	-0.0015	/	Pass
				40	3.8	2.611	0.0014	/	Pass
				50	3.8	1.462	0.0008	/	Pass
	High	6	0	20	3.3	2.109	0.0011	/	Pass
					3.8	4.297	0.0023	/	Pass
					4.3	-3.560	-0.0019	/	Pass
				-30	3.8	-2.198	-0.0012	/	Pass
				-20	3.8	-4.886	-0.0026	/	Pass
				-10	3.8	4.142	0.0022	/	Pass
				0	3.8	-4.236	-0.0022	/	Pass
				10	3.8	-0.968	-0.0005	/	Pass
				30	3.8	0.672	0.0004	/	Pass
				40	3.8	-0.016	0	/	Pass
				50	3.8	4.989	0.0026	/	Pass
16QAM	Low	5	0	20	3.3	5.200	0.0028	/	Pass
					3.8	1.600	0.0009	/	Pass
					4.3	4.300	0.0023	/	Pass
				-30	3.8	-2.061	-0.0011	/	Pass
				-20	3.8	-0.128	-0.0001	/	Pass
				-10	3.8	-3.239	-0.0017	/	Pass
				0	3.8	1.252	0.0007	/	Pass
				10	3.8	-3.453	-0.0019	/	Pass
				30	3.8	-0.321	-0.0002	/	Pass
				40	3.8	4.112	0.0022	/	Pass
				50	3.8	3.253	0.0017	/	Pass
	Middle	5	0	20	3.3	2.455	0.0013	/	Pass
					3.8	4.778	0.0025	/	Pass
					4.3	-2.099	-0.0011	/	Pass
				-30	3.8	-3.939	-0.0021	/	Pass
				-20	3.8	-3.081	-0.0016	/	Pass
				-10	3.8	2.705	0.0014	/	Pass
				0	3.8	1.205	0.0006	/	Pass
				10	3.8	4.103	0.0022	/	Pass
				30	3.8	-2.642	-0.0014	/	Pass
				40	3.8	-0.300	-0.0002	/	Pass

	High	5	0	50	3.8	-0.022	0	/	Pass
				20	3.3	-1.769	-0.0009	/	Pass
					3.8	0.327	0.0002	/	Pass
					4.3	1.534	0.0008	/	Pass
				-30	3.8	0.687	0.0004	/	Pass
				-20	3.8	3.284	0.0017	/	Pass
				-10	3.8	-1.131	-0.0006	/	Pass
				0	3.8	-0.574	-0.0003	/	Pass
				10	3.8	-2.668	-0.0014	/	Pass
				30	3.8	3.224	0.0017	/	Pass
				40	3.8	0.190	0.0001	/	Pass
				50	3.8	2.147	0.0011	/	Pass

Band: 4 / Bandwidth: 20MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Low	6	0	20	3.3	-5.8100	-0.0034	/	Pass
					3.8	3.8600	0.0022	/	Pass
					4.3	0.3600	0.0002	/	Pass
				-30	3.8	2.3772	0.0014	/	Pass
				-20	3.8	-4.8796	-0.0028	/	Pass
				-10	3.8	-3.4924	-0.002	/	Pass
				0	3.8	-3.9512	-0.0023	/	Pass
				10	3.8	-5.6875	-0.0033	/	Pass
				30	3.8	5.0682	0.0029	/	Pass
				40	3.8	5.2549	0.0031	/	Pass
				50	3.8	-1.4189	-0.0008	/	Pass
	Middle	6	0	20	3.3	0.1936	0.0001	/	Pass
					3.8	6.0081	0.0035	/	Pass
					4.3	5.9346	0.0034	/	Pass
				-30	3.8	-0.0789	0	/	Pass
				-20	3.8	2.2962	0.0013	/	Pass
				-10	3.8	1.4799	0.0009	/	Pass
				0	3.8	-4.0309	-0.0023	/	Pass
				10	3.8	-1.7823	-0.001	/	Pass
				30	3.8	3.8491	0.0022	/	Pass
				40	3.8	-0.6449	-0.0004	/	Pass
				50	3.8	1.7696	0.001	/	Pass
	High	6	0	20	3.3	-3.8748	-0.0022	/	Pass
					3.8	3.9189	0.0022	/	Pass
					4.3	-3.8102	-0.0022	/	Pass
				-30	3.8	-1.1641	-0.0007	/	Pass
				-20	3.8	-1.5550	-0.0009	/	Pass
				-10	3.8	1.8686	0.0011	/	Pass
				0	3.8	-0.0906	-0.0001	/	Pass
				10	3.8	-3.5479	-0.002	/	Pass
				30	3.8	-1.3972	-0.0008	/	Pass
				40	3.8	-5.0034	-0.0029	/	Pass
				50	3.8	2.5289	0.0014	/	Pass
16QAM	Low	5	0	20	3.3	3.5000	0.002	/	Pass
					3.8	1.6000	0.0009	/	Pass
					4.3	4.2000	0.0024	/	Pass
				-30	3.8	-6.2458	-0.0036	/	Pass
				-20	3.8	5.4015	0.0031	/	Pass
				-10	3.8	3.7185	0.0022	/	Pass
				0	3.8	-4.9497	-0.0029	/	Pass
				10	3.8	3.9648	0.0023	/	Pass
				30	3.8	-2.3563	-0.0014	/	Pass
				40	3.8	6.3191	0.0037	/	Pass
				50	3.8	-3.5053	-0.002	/	Pass
	Middle	5	0	20	3.3	5.7641	0.0033	/	Pass
					3.8	-2.1670	-0.0013	/	Pass
					4.3	-6.2538	-0.0036	/	Pass
				-30	3.8	-4.8645	-0.0028	/	Pass
				-20	3.8	3.7913	0.0022	/	Pass
				-10	3.8	5.2992	0.0031	/	Pass
				0	3.8	-5.9503	-0.0034	/	Pass
				10	3.8	-3.4712	-0.002	/	Pass
				30	3.8	-0.6050	-0.0003	/	Pass
				40	3.8	6.6300	0.0038	/	Pass

				50	3.8	-1.5726	-0.0009	/	Pass
	High	5	0	20	3.3	-4.5024	-0.0026	/	Pass
					3.8	6.1158	0.0035	/	Pass
					4.3	-2.9254	-0.0017	/	Pass
					-30	3.8	-5.8131	-0.0033	/
				-20	3.8	-2.1579	-0.0012	/	Pass
				-10	3.8	1.4508	0.0008	/	Pass
				0	3.8	-1.6725	-0.001	/	Pass
				10	3.8	4.6305	0.0027	/	Pass
				30	3.8	3.0694	0.0018	/	Pass
				40	3.8	-0.2922	-0.0002	/	Pass
				50	3.8	5.5790	0.0032	/	Pass

Band: 5 / Bandwidth: 10MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Low	6	0	20	3.3	-3.3800	-0.0041	-2.5 to 2.5	Pass
					3.8	-1.9700	-0.0024	-2.5 to 2.5	Pass
					4.3	-4.0600	-0.0049	-2.5 to 2.5	Pass
				-30	3.8	-4.1128	-0.005	-2.5 to 2.5	Pass
				-20	3.8	0.1729	0.0002	-2.5 to 2.5	Pass
				-10	3.8	0.2776	0.0003	-2.5 to 2.5	Pass
				0	3.8	5.9279	0.0072	-2.5 to 2.5	Pass
				10	3.8	4.1230	0.005	-2.5 to 2.5	Pass
				30	3.8	-5.7696	-0.007	-2.5 to 2.5	Pass
				40	3.8	4.2509	0.0051	-2.5 to 2.5	Pass
				50	3.8	-1.3685	-0.0017	-2.5 to 2.5	Pass
	Middle	6	0	20	3.3	-2.3075	-0.0028	-2.5 to 2.5	Pass
					3.8	3.1455	0.0038	-2.5 to 2.5	Pass
					4.3	-2.1050	-0.0025	-2.5 to 2.5	Pass
				-30	3.8	4.4412	0.0053	-2.5 to 2.5	Pass
				-20	3.8	1.7840	0.0021	-2.5 to 2.5	Pass
				-10	3.8	-5.0222	-0.006	-2.5 to 2.5	Pass
				0	3.8	-5.1283	-0.0061	-2.5 to 2.5	Pass
				10	3.8	-4.7629	-0.0057	-2.5 to 2.5	Pass
				30	3.8	-1.2166	-0.0015	-2.5 to 2.5	Pass
				40	3.8	5.7511	0.0069	-2.5 to 2.5	Pass
				50	3.8	2.8529	0.0034	-2.5 to 2.5	Pass
	High	6	0	20	3.3	-2.5416	-0.003	-2.5 to 2.5	Pass
					3.8	0.2483	0.0003	-2.5 to 2.5	Pass
					4.3	-1.0908	-0.0013	-2.5 to 2.5	Pass
				-30	3.8	5.3379	0.0063	-2.5 to 2.5	Pass
				-20	3.8	-5.4767	-0.0065	-2.5 to 2.5	Pass
				-10	3.8	0.2786	0.0003	-2.5 to 2.5	Pass
				0	3.8	-1.3959	-0.0017	-2.5 to 2.5	Pass
				10	3.8	-3.3720	-0.004	-2.5 to 2.5	Pass
				30	3.8	-3.4573	-0.0041	-2.5 to 2.5	Pass
				40	3.8	-0.9771	-0.0012	-2.5 to 2.5	Pass
				50	3.8	6.3896	0.0076	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.3	-1.5000	-0.0018	-2.5 to 2.5	Pass
					3.8	-4.2000	-0.0051	-2.5 to 2.5	Pass
					4.3	5.2000	0.0063	-2.5 to 2.5	Pass
				-30	3.8	-2.6612	-0.0032	-2.5 to 2.5	Pass
				-20	3.8	1.1468	0.0014	-2.5 to 2.5	Pass
				-10	3.8	-0.3321	-0.0004	-2.5 to 2.5	Pass
				0	3.8	3.4414	0.0042	-2.5 to 2.5	Pass
				10	3.8	3.4482	0.0042	-2.5 to 2.5	Pass
				30	3.8	1.8636	0.0022	-2.5 to 2.5	Pass
				40	3.8	3.4204	0.0041	-2.5 to 2.5	Pass
				50	3.8	2.8719	0.0035	-2.5 to 2.5	Pass
	Middle	5	0	20	3.3	-1.9407	-0.0023	-2.5 to 2.5	Pass
					3.8	-3.4487	-0.0041	-2.5 to 2.5	Pass
					4.3	6.2291	0.0074	-2.5 to 2.5	Pass
				-30	3.8	-6.6751	-0.008	-2.5 to 2.5	Pass
				-20	3.8	6.7652	0.0081	-2.5 to 2.5	Pass
				-10	3.8	-4.4374	-0.0053	-2.5 to 2.5	Pass
				0	3.8	5.5438	0.0066	-2.5 to 2.5	Pass
				10	3.8	4.0253	0.0048	-2.5 to 2.5	Pass
				30	3.8	0.0829	0.0001	-2.5 to 2.5	Pass
				40	3.8	-2.3437	-0.0028	-2.5 to 2.5	Pass

				50	3.8	-6.2589	-0.0075	-2.5 to 2.5	Pass
	High	5	0	20	3.3	-6.3042	-0.0075	-2.5 to 2.5	Pass
					3.8	-0.7728	-0.0009	-2.5 to 2.5	Pass
					4.3	-6.9033	-0.0082	-2.5 to 2.5	Pass
					-30	3.8	3.5087	0.0042	-2.5 to 2.5
				-20	3.8	-2.6213	-0.0031	-2.5 to 2.5	Pass
				-10	3.8	2.3165	0.0027	-2.5 to 2.5	Pass
				0	3.8	3.6173	0.0043	-2.5 to 2.5	Pass
				10	3.8	-2.2141	-0.0026	-2.5 to 2.5	Pass
				30	3.8	-3.2440	-0.0038	-2.5 to 2.5	Pass
				40	3.8	6.8407	0.0081	-2.5 to 2.5	Pass
				50	3.8	2.5807	0.0031	-2.5 to 2.5	Pass

Band: 12 / Bandwidth: 10MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Low	6	0	20	3.3	1.7500	0.0025	/	Pass
					3.8	-0.5400	-0.0008	/	Pass
					4.3	-1.3400	-0.0019	/	Pass
				-30	3.8	-3.6124	-0.0051	/	Pass
				-20	3.8	-5.1246	-0.0073	/	Pass
				-10	3.8	-2.0632	-0.0029	/	Pass
				0	3.8	1.3109	0.0019	/	Pass
				10	3.8	-3.4714	-0.0049	/	Pass
				30	3.8	-4.0122	-0.0057	/	Pass
				40	3.8	-3.1056	-0.0044	/	Pass
				50	3.8	-5.9308	-0.0084	/	Pass
	Middle	6	0	20	3.3	3.2135	0.0045	/	Pass
					3.8	-3.3757	-0.0048	/	Pass
					4.3	-2.3165	-0.0033	/	Pass
				-30	3.8	-5.4955	-0.0078	/	Pass
				-20	3.8	3.1410	0.0044	/	Pass
				-10	3.8	-3.4869	-0.0049	/	Pass
				0	3.8	1.2347	0.0017	/	Pass
				10	3.8	-3.3677	-0.0048	/	Pass
				30	3.8	-2.6795	-0.0038	/	Pass
				40	3.8	5.2436	0.0074	/	Pass
				50	3.8	-6.8205	-0.0096	/	Pass
	High	6	0	20	3.3	0.3322	0.0005	/	Pass
					3.8	5.3525	0.0075	/	Pass
					4.3	3.9202	0.0055	/	Pass
				-30	3.8	1.0403	0.0015	/	Pass
				-20	3.8	-5.1100	-0.0072	/	Pass
				-10	3.8	2.1215	0.003	/	Pass
				0	3.8	1.1384	0.0016	/	Pass
				10	3.8	-0.3164	-0.0004	/	Pass
				30	3.8	3.3694	0.0047	/	Pass
				40	3.8	-4.5294	-0.0064	/	Pass
				50	3.8	-4.3681	-0.0061	/	Pass
16QAM	Low	5	0	20	3.3	-0.6900	-0.001	/	Pass
					3.8	-0.1700	-0.0002	/	Pass
					4.3	0.2300	0.0003	/	Pass
				-30	3.8	5.1034	0.0072	/	Pass
				-20	3.8	-2.2238	-0.0032	/	Pass
				-10	3.8	-4.1429	-0.0059	/	Pass
				0	3.8	0.3596	0.0005	/	Pass
				10	3.8	1.0407	0.0015	/	Pass
				30	3.8	6.4788	0.0092	/	Pass
				40	3.8	-6.8973	-0.0098	/	Pass
				50	3.8	-6.7486	-0.0096	/	Pass
	Middle	5	0	20	3.3	3.1287	0.0044	/	Pass
					3.8	-2.0718	-0.0029	/	Pass
					4.3	4.1378	0.0058	/	Pass
				-30	3.8	1.5391	0.0022	/	Pass
				-20	3.8	-6.9498	-0.0098	/	Pass
				-10	3.8	1.4328	0.002	/	Pass
				0	3.8	6.7794	0.0096	/	Pass
				10	3.8	5.4576	0.0077	/	Pass
				30	3.8	1.0820	0.0015	/	Pass
				40	3.8	-2.4808	-0.0035	/	Pass

				50	3.8	-0.9492	-0.0013	/	Pass
	High	5	0	20	3.3	3.2903	0.0046	/	Pass
					3.8	-6.8481	-0.0096	/	Pass
					4.3	1.6365	0.0023	/	Pass
				-30	3.8	6.9123	0.0097	/	Pass
				-20	3.8	-0.3981	-0.0006	/	Pass
				-10	3.8	6.9674	0.0098	/	Pass
				0	3.8	-2.1301	-0.003	/	Pass
				10	3.8	4.0130	0.0056	/	Pass
				30	3.8	-2.5478	-0.0036	/	Pass
				40	3.8	2.5139	0.0035	/	Pass
				50	3.8	4.0848	0.0057	/	Pass

Band: 13 / Bandwidth: 10MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Middle	6	0	20	3.3	-2.6900	-0.0034	/	Pass
					3.8	-6.0808	-0.0078	/	Pass
					4.3	0.8189	0.001	/	Pass
				-30	3.8	-2.2530	-0.0029	/	Pass
				-20	3.8	2.2366	0.0029	/	Pass
				-10	3.8	0.1793	0.0002	/	Pass
				0	3.8	1.7753	0.0023	/	Pass
				10	3.8	-4.5010	-0.0058	/	Pass
				30	3.8	-2.5524	-0.0033	/	Pass
				40	3.8	-0.1751	-0.0002	/	Pass
				50	3.8	4.7842	0.0061	/	Pass
16QAM	Middle	5	0	20	3.3	1.4366	0.0018	/	Pass
					3.8	-3.9180	-0.005	/	Pass
					4.3	-5.3280	-0.0068	/	Pass
				-30	3.8	-5.5073	-0.007	/	Pass
				-20	3.8	-0.6695	-0.0009	/	Pass
				-10	3.8	-2.9810	-0.0038	/	Pass
				0	3.8	-4.7759	-0.0061	/	Pass
				10	3.8	6.9200	0.0088	/	Pass
				30	3.8	5.8833	0.0075	/	Pass
				40	3.8	1.7375	0.0022	/	Pass
				50	3.8	5.2778	0.0067	/	Pass

Band: 25 / Bandwidth: 20MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Low	6	0	20	3.3	-6.6400	-0.0036	/	Pass
					3.8	-6.2700	-0.0034	/	Pass
					4.3	-5.7200	-0.0031	/	Pass
				-30	3.8	-2.7881	-0.0015	/	Pass
				-20	3.8	-2.7610	-0.0015	/	Pass
				-10	3.8	-5.9869	-0.0032	/	Pass
				0	3.8	3.4103	0.0018	/	Pass
				10	3.8	2.3900	0.0013	/	Pass
				30	3.8	3.3943	0.0018	/	Pass
				40	3.8	4.8364	0.0026	/	Pass
				50	3.8	3.9565	0.0021	/	Pass
	Middle	6	0	20	3.3	-2.0548	-0.0011	/	Pass
					3.8	-1.3959	-0.0007	/	Pass
					4.3	4.8246	0.0026	/	Pass
				-30	3.8	-5.1478	-0.0027	/	Pass
				-20	3.8	2.4492	0.0013	/	Pass
				-10	3.8	-4.6436	-0.0025	/	Pass
				0	3.8	-3.0991	-0.0016	/	Pass
				10	3.8	-0.4822	-0.0003	/	Pass
				30	3.8	2.0773	0.0011	/	Pass
				40	3.8	2.8712	0.0015	/	Pass
				50	3.8	0.7538	0.0004	/	Pass
	High	6	0	20	3.3	0.9230	0.0005	/	Pass
					3.8	-2.2123	-0.0012	/	Pass
					4.3	1.4548	0.0008	/	Pass
				-30	3.8	0.7480	0.0004	/	Pass
				-20	3.8	-3.7847	-0.002	/	Pass
				-10	3.8	2.4357	0.0013	/	Pass
				0	3.8	4.5370	0.0024	/	Pass
				10	3.8	-0.5252	-0.0003	/	Pass
				30	3.8	-1.0102	-0.0005	/	Pass
				40	3.8	6.8424	0.0036	/	Pass
				50	3.8	-1.9085	-0.001	/	Pass
16QAM	Low	5	0	20	3.3	3.9000	0.0021	/	Pass
					3.8	2.5000	0.0013	/	Pass
					4.3	6.1000	0.0033	/	Pass
				-30	3.8	1.0059	0.0005	/	Pass
				-20	3.8	3.5223	0.0019	/	Pass
				-10	3.8	4.4088	0.0024	/	Pass
				0	3.8	-0.1836	-0.0001	/	Pass
				10	3.8	6.9070	0.0037	/	Pass
				30	3.8	-2.9714	-0.0016	/	Pass
				40	3.8	5.1959	0.0028	/	Pass
				50	3.8	-6.8196	-0.0037	/	Pass
	Middle	5	0	20	3.3	2.1678	0.0012	/	Pass
					3.8	-3.3585	-0.0018	/	Pass
					4.3	1.3500	0.0007	/	Pass
				-30	3.8	3.7644	0.002	/	Pass
				-20	3.8	4.2369	0.0023	/	Pass
				-10	3.8	5.5911	0.003	/	Pass
				0	3.8	-4.1411	-0.0022	/	Pass
				10	3.8	1.6186	0.0009	/	Pass
				30	3.8	-0.2744	-0.0001	/	Pass
				40	3.8	-6.7308	-0.0036	/	Pass
				50	3.8	-3.5578	-0.0019	/	Pass
	High	5	0	20	3.3	-1.4441	-0.0008	/	Pass

					3.8	-5.7684	-0.003	/	Pass
					4.3	-6.9297	-0.0036	/	Pass
				-30	3.8	-3.8909	-0.002	/	Pass
				-20	3.8	4.9365	0.0026	/	Pass
				-10	3.8	-6.8758	-0.0036	/	Pass
				0	3.8	-4.0449	-0.0021	/	Pass
				10	3.8	-6.9883	-0.0037	/	Pass
				30	3.8	3.2589	0.0017	/	Pass
				40	3.8	0.1447	0.0001	/	Pass
				50	3.8	0.9248	0.0005	/	Pass

Band: 26a / Bandwidth: 10MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Middle	6	0	20	3.3	-1.5900	-0.0019	/	Pass
					3.8	-5.4183	-0.0066	/	Pass
					4.3	2.3644	0.0029	/	Pass
				-30	3.8	5.9480	0.0073	/	Pass
				-20	3.8	-1.0004	-0.0012	/	Pass
				-10	3.8	-6.9424	-0.0085	/	Pass
				0	3.8	3.9985	0.0049	/	Pass
				10	3.8	6.2544	0.0076	/	Pass
				30	3.8	3.4609	0.0042	/	Pass
				40	3.8	2.3094	0.0028	/	Pass
16QAM	Middle	5	0	20	3.3	0.1962	0.0002	/	Pass
					3.8	-1.9241	-0.0023	/	Pass
					4.3	-4.3096	-0.0053	/	Pass
				-30	3.8	-4.6568	-0.0057	/	Pass
				-20	3.8	6.9830	0.0085	/	Pass
				-10	3.8	0.4290	0.0005	/	Pass
				0	3.8	1.6792	0.0021	/	Pass
				10	3.8	-0.1794	-0.0002	/	Pass
				30	3.8	0.9497	0.0012	/	Pass
				40	3.8	-5.8097	-0.0071	/	Pass
				50	3.8	5.4497	0.0067	/	Pass

Band: 26b / Bandwidth: 15MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Low	6	0	20	3.3	0.8600	0.001	-2.5 to 2.5	Pass
					3.8	-4.9800	-0.0061	-2.5 to 2.5	Pass
					4.3	-1.9000	-0.0023	-2.5 to 2.5	Pass
				-30	3.8	-0.3985	-0.0005	-2.5 to 2.5	Pass
				-20	3.8	-9.6235	-0.0117	-2.5 to 2.5	Pass
				-10	3.8	-9.5013	-0.0116	-2.5 to 2.5	Pass
				0	3.8	9.4144	0.0115	-2.5 to 2.5	Pass
				10	3.8	3.8244	0.0047	-2.5 to 2.5	Pass
				30	3.8	1.6298	0.002	-2.5 to 2.5	Pass
				40	3.8	3.8835	0.0047	-2.5 to 2.5	Pass
				50	3.8	-8.3472	-0.0102	-2.5 to 2.5	Pass
	Middle	6	0	20	3.3	7.8290	0.0094	-2.5 to 2.5	Pass
					3.8	9.4262	0.0113	-2.5 to 2.5	Pass
					4.3	-5.2175	-0.0063	-2.5 to 2.5	Pass
				-30	3.8	-2.1543	-0.0026	-2.5 to 2.5	Pass
				-20	3.8	-6.8948	-0.0083	-2.5 to 2.5	Pass
				-10	3.8	-6.6278	-0.008	-2.5 to 2.5	Pass
				0	3.8	1.5102	0.0018	-2.5 to 2.5	Pass
				10	3.8	7.8855	0.0095	-2.5 to 2.5	Pass
				30	3.8	9.2556	0.0111	-2.5 to 2.5	Pass
				40	3.8	-0.9368	-0.0011	-2.5 to 2.5	Pass
				50	3.8	-1.8761	-0.0023	-2.5 to 2.5	Pass
	High	6	0	20	3.3	-8.5058	-0.0101	-2.5 to 2.5	Pass
					3.8	-1.4848	-0.0018	-2.5 to 2.5	Pass
					4.3	-1.0756	-0.0013	-2.5 to 2.5	Pass
				-30	3.8	-3.8318	-0.0046	-2.5 to 2.5	Pass

				-20	3.8	-2.6595	-0.0032	-2.5 to 2.5	Pass
				-10	3.8	2.2252	0.0026	-2.5 to 2.5	Pass
				0	3.8	-3.5649	-0.0042	-2.5 to 2.5	Pass
				10	3.8	0.4321	0.0005	-2.5 to 2.5	Pass
				30	3.8	0.4184	0.0005	-2.5 to 2.5	Pass
				40	3.8	-6.6323	-0.0079	-2.5 to 2.5	Pass
				50	3.8	0.0038	0	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.3	-1.5000	-0.0018	-2.5 to 2.5	Pass
					3.8	-2.4000	-0.0029	-2.5 to 2.5	Pass
					4.3	1.6000	0.0019	-2.5 to 2.5	Pass
				-30	3.8	0.6306	0.0008	-2.5 to 2.5	Pass
				-20	3.8	8.1540	0.0099	-2.5 to 2.5	Pass
				-10	3.8	-1.9920	-0.0024	-2.5 to 2.5	Pass
				0	3.8	-4.1582	-0.0051	-2.5 to 2.5	Pass
				10	3.8	0.8887	0.0011	-2.5 to 2.5	Pass
				30	3.8	1.2959	0.0016	-2.5 to 2.5	Pass
				40	3.8	2.1863	0.0027	-2.5 to 2.5	Pass
				50	3.8	-0.5694	-0.0007	-2.5 to 2.5	Pass
	Middle	5	0	20	3.3	9.4108	0.0113	-2.5 to 2.5	Pass
					3.8	-2.7553	-0.0033	-2.5 to 2.5	Pass
					4.3	6.2251	0.0075	-2.5 to 2.5	Pass
				-30	3.8	1.6238	0.002	-2.5 to 2.5	Pass
				-20	3.8	-9.4357	-0.0113	-2.5 to 2.5	Pass
				-10	3.8	4.7884	0.0058	-2.5 to 2.5	Pass
				0	3.8	-1.7618	-0.0021	-2.5 to 2.5	Pass
				10	3.8	-2.0162	-0.0024	-2.5 to 2.5	Pass
				30	3.8	9.6357	0.0116	-2.5 to 2.5	Pass
				40	3.8	0.5652	0.0007	-2.5 to 2.5	Pass
				50	3.8	5.0456	0.0061	-2.5 to 2.5	Pass
	High	5	0	20	3.3	-9.8633	-0.0117	-2.5 to 2.5	Pass
					3.8	-7.1225	-0.0085	-2.5 to 2.5	Pass
					4.3	0.1236	0.0001	-2.5 to 2.5	Pass
				-30	3.8	0.3407	0.0004	-2.5 to 2.5	Pass
				-20	3.8	-6.7430	-0.008	-2.5 to 2.5	Pass
				-10	3.8	8.4044	0.01	-2.5 to 2.5	Pass
				0	3.8	-1.4486	-0.0017	-2.5 to 2.5	Pass
				10	3.8	2.1833	0.0026	-2.5 to 2.5	Pass
				30	3.8	-8.5938	-0.0102	-2.5 to 2.5	Pass
				40	3.8	2.8258	0.0034	-2.5 to 2.5	Pass
				50	3.8	-8.5032	-0.0101	-2.5 to 2.5	Pass

Band: 66 / Bandwidth: 20MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Low	6	0	20	3.3	-7.4100	-0.0043	/	Pass
					3.8	-1.7700	-0.001	/	Pass
					4.3	5.3500	0.0031	/	Pass
				-30	3.8	4.9007	0.0028	/	Pass
				-20	3.8	-4.1067	-0.0024	/	Pass
				-10	3.8	-1.4087	-0.0008	/	Pass
				0	3.8	0.5382	0.0003	/	Pass
				10	3.8	8.4532	0.0049	/	Pass
				30	3.8	0.8817	0.0005	/	Pass
				40	3.8	7.3183	0.0043	/	Pass
				50	3.8	8.4867	0.0049	/	Pass
	Middle	6	0	20	3.3	-6.8914	-0.0039	/	Pass
					3.8	7.4705	0.0043	/	Pass
					4.3	-4.7378	-0.0027	/	Pass
				-30	3.8	-0.8088	-0.0005	/	Pass
				-20	3.8	-4.9187	-0.0028	/	Pass
				-10	3.8	-1.0696	-0.0006	/	Pass
				0	3.8	-8.1974	-0.0047	/	Pass
				10	3.8	-5.0912	-0.0029	/	Pass
				30	3.8	5.0064	0.0029	/	Pass
				40	3.8	-8.4526	-0.0048	/	Pass
				50	3.8	9.9480	0.0057	/	Pass
	High	6	0	20	3.3	8.7814	0.005	/	Pass
					3.8	1.9187	0.0011	/	Pass
					4.3	-4.4504	-0.0025	/	Pass
				-30	3.8	5.4355	0.0031	/	Pass
				-20	3.8	-9.7850	-0.0055	/	Pass
				-10	3.8	0.2411	0.0001	/	Pass
				0	3.8	6.1051	0.0034	/	Pass
				10	3.8	-3.0627	-0.0017	/	Pass
				30	3.8	4.1684	0.0024	/	Pass
				40	3.8	6.4509	0.0036	/	Pass
				50	3.8	5.5162	0.0031	/	Pass
16QAM	Low	5	0	20	3.3	-2.3500	-0.0014	/	Pass
					3.8	-3.1110	-0.0018	/	Pass
					4.3	-4.5613	-0.0027	/	Pass
				-30	3.8	-8.9840	-0.0052	/	Pass
				-20	3.8	6.3530	0.0037	/	Pass
				-10	3.8	-2.3295	-0.0014	/	Pass
				0	3.8	6.4772	0.0038	/	Pass
				10	3.8	7.5487	0.0044	/	Pass
				30	3.8	1.7283	0.001	/	Pass
				40	3.8	8.2297	0.0048	/	Pass
				50	3.8	-4.1100	-0.0024	/	Pass
	Middle	5	0	20	3.3	-0.4482	-0.0003	/	Pass
					3.8	1.0640	0.0006	/	Pass
					4.3	1.1544	0.0007	/	Pass
				-30	3.8	-0.0477	0	/	Pass
				-20	3.8	9.0359	0.0052	/	Pass
				-10	3.8	-5.9402	-0.0034	/	Pass
				0	3.8	-1.5554	-0.0009	/	Pass
				10	3.8	-0.0304	0	/	Pass
				30	3.8	5.9250	0.0034	/	Pass
				40	3.8	7.7124	0.0044	/	Pass

				50	3.8	6.0933	0.0035	/	Pass
	High	5	0	20	3.3	-2.9924	-0.0017	/	Pass
					3.8	-9.1988	-0.0052	/	Pass
					4.3	-3.2455	-0.0018	/	Pass
					-30	3.8	6.3560	0.0036	/
				-20	3.8	-7.4196	-0.0042	/	Pass
				-10	3.8	9.1398	0.0052	/	Pass
				0	3.8	-8.0734	-0.0046	/	Pass
				10	3.8	7.7364	0.0044	/	Pass
				30	3.8	-1.7066	-0.001	/	Pass
				40	3.8	8.8294	0.005	/	Pass
				50	3.8	-7.9173	-0.0045	/	Pass

Band: 85 / Bandwidth: 10MHz									
Modulation	Channel	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	Low	6	0	20	3.3	-2.1000	-0.003	/	Pass
					3.8	5.2600	0.0075	/	Pass
					4.3	0.4100	0.0006	/	Pass
				-30	3.8	6.8338	0.0097	/	Pass
				-20	3.8	-3.0580	-0.0043	/	Pass
				-10	3.8	-3.3411	-0.0048	/	Pass
				0	3.8	8.1025	0.0115	/	Pass
				10	3.8	7.1247	0.0101	/	Pass
				30	3.8	-5.4633	-0.0078	/	Pass
				40	3.8	-3.6480	-0.0052	/	Pass
				50	3.8	3.5146	0.005	/	Pass
	Middle	6	0	20	3.3	-8.8962	-0.0126	/	Pass
					3.8	-3.4657	-0.0049	/	Pass
					4.3	0.7033	0.001	/	Pass
				-30	3.8	7.2423	0.0102	/	Pass
				-20	3.8	7.8578	0.0111	/	Pass
				-10	3.8	7.9563	0.0113	/	Pass
				0	3.8	8.2877	0.0117	/	Pass
				10	3.8	-7.8375	-0.0111	/	Pass
				30	3.8	6.3619	0.009	/	Pass
				40	3.8	8.5862	0.0121	/	Pass
				50	3.8	9.8445	0.0139	/	Pass
	High	6	0	20	3.3	7.0337	0.0099	/	Pass
					3.8	-0.7721	-0.0011	/	Pass
					4.3	0.8035	0.0011	/	Pass
				-30	3.8	8.1464	0.0115	/	Pass
				-20	3.8	-1.6227	-0.0023	/	Pass
				-10	3.8	-5.0932	-0.0072	/	Pass
				0	3.8	-3.7387	-0.0053	/	Pass
				10	3.8	-6.8727	-0.0097	/	Pass
				30	3.8	1.7072	0.0024	/	Pass
				40	3.8	2.7636	0.0039	/	Pass
				50	3.8	-9.4085	-0.0132	/	Pass
16QAM	Low	5	0	20	3.3	3.1500	0.0045	/	Pass
					3.8	2.4650	0.0035	/	Pass
					4.3	0.4100	0.0006	/	Pass
				-30	3.8	2.3211	0.0033	/	Pass
				-20	3.8	6.2716	0.0089	/	Pass
				-10	3.8	1.9446	0.0028	/	Pass
				0	3.8	-1.0219	-0.0015	/	Pass
				10	3.8	1.6064	0.0023	/	Pass
				30	3.8	-0.6727	-0.001	/	Pass
				40	3.8	9.1904	0.0131	/	Pass
				50	3.8	-8.9506	-0.0127	/	Pass
	Middle	5	0	20	3.3	2.7716	0.0039	/	Pass
					3.8	6.8194	0.0096	/	Pass
					4.3	6.4974	0.0092	/	Pass
				-30	3.8	7.6975	0.0109	/	Pass
				-20	3.8	-4.2180	-0.006	/	Pass
				-10	3.8	1.3158	0.0019	/	Pass
				0	3.8	5.5116	0.0078	/	Pass
				10	3.8	-3.2425	-0.0046	/	Pass
				30	3.8	-5.7411	-0.0081	/	Pass
				40	3.8	3.9246	0.0056	/	Pass

				50	3.8	3.6718	0.0052	/	Pass
	High	5	0	20	3.3	-6.2185	-0.0087	/	Pass
					3.8	2.8128	0.004	/	Pass
					4.3	1.5476	0.0022	/	Pass
					-30	3.8	7.7005	0.0108	/
				-20	3.8	-7.5536	-0.0106	/	Pass
				-10	3.8	6.9841	0.0098	/	Pass
				0	3.8	-6.7834	-0.0095	/	Pass
				10	3.8	6.2507	0.0088	/	Pass
				30	3.8	-6.1757	-0.0087	/	Pass
				40	3.8	5.7722	0.0081	/	Pass
				50	3.8	-6.6067	-0.0093	/	Pass