

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	2.2	-3.980	-0.0021	/	Pass
					3.3	-2.330	-0.0013	/	Pass
					4.35	-6.658	-0.0036	/	Pass
				-30	3.3	-4.287	-0.0023	/	Pass
				-20	3.3	-4.885	-0.0026	/	Pass
				-10	3.3	-0.065	0	/	Pass
				0	3.3	-2.552	-0.0014	/	Pass
				10	3.3	-4.656	-0.0025	/	Pass
				30	3.3	4.119	0.0022	/	Pass
				40	3.3	1.547	0.0008	/	Pass
				50	3.3	1.847	0.001	/	Pass
	Middle	6	0	20	2.2	-2.076	-0.0011	/	Pass
					3.3	0.005	0	/	Pass
					4.35	-2.548	-0.0014	/	Pass
				-30	3.3	-2.077	-0.0011	/	Pass
				-20	3.3	-0.132	-0.0001	/	Pass
				-10	3.3	-1.999	-0.0011	/	Pass
				0	3.3	-0.154	-0.0001	/	Pass
				10	3.3	-4.218	-0.0022	/	Pass
				30	3.3	-3.875	-0.0021	/	Pass
				40	3.3	-3.469	-0.0018	/	Pass
				50	3.3	3.672	0.002	/	Pass
	High	6	0	20	2.2	-0.134	-0.0001	/	Pass
					3.3	-4.737	-0.0025	/	Pass
					4.35	-3.287	-0.0017	/	Pass
				-30	3.3	-4.670	-0.0025	/	Pass
				-20	3.3	4.065	0.0021	/	Pass
				-10	3.3	1.605	0.0008	/	Pass
				0	3.3	-2.128	-0.0011	/	Pass
				10	3.3	1.527	0.0008	/	Pass
				30	3.3	-1.888	-0.001	/	Pass
				40	3.3	4.896	0.0026	/	Pass
				50	3.3	-1.005	-0.0005	/	Pass
16QAM	Low	5	0	20	2.2	-3.980	-0.0021	/	Pass
					3.3	-2.330	-0.0013	/	Pass
					4.35	-6.658	-0.0036	/	Pass
				-30	3.3	-4.287	-0.0023	/	Pass
				-20	3.3	-4.885	-0.0026	/	Pass
				-10	3.3	-0.065	0	/	Pass
				0	3.3	-2.552	-0.0014	/	Pass
				10	3.3	-4.656	-0.0025	/	Pass
				30	3.3	4.119	0.0022	/	Pass
				40	3.3	1.547	0.0008	/	Pass
				50	3.3	1.847	0.001	/	Pass
	Middle	5	0	20	2.2	-2.076	-0.0011	/	Pass
					3.3	0.005	0	/	Pass
					4.35	-2.548	-0.0014	/	Pass
				-30	3.3	-2.077	-0.0011	/	Pass
				-20	3.3	-0.132	-0.0001	/	Pass
				-10	3.3	-1.999	-0.0011	/	Pass
				0	3.3	-0.154	-0.0001	/	Pass
				10	3.3	-4.218	-0.0022	/	Pass
				30	3.3	-3.875	-0.0021	/	Pass
				40	3.3	-3.469	-0.0018	/	Pass

				50	3.3	3.672	0.002	/	Pass
	High	5	0	20	2.2	-0.134	-0.0001	/	Pass
					3.3	-4.737	-0.0025	/	Pass
					4.35	-3.287	-0.0017	/	Pass
					-30	3.3	-4.670	-0.0025	/
				-20	3.3	4.065	0.0021	/	Pass
				-10	3.3	1.605	0.0008	/	Pass
				0	3.3	-2.128	-0.0011	/	Pass
				10	3.3	1.527	0.0008	/	Pass
				30	3.3	-1.888	-0.001	/	Pass
				40	3.3	4.896	0.0026	/	Pass
				50	3.3	-1.005	-0.0005	/	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	2.2	-5.5400	-0.0032	/	Pass
					3.3	-10.4000	-0.006	/	Pass
					4.35	-3.9800	-0.0023	/	Pass
				-30	3.3	-3.5161	-0.002	/	Pass
				-20	3.3	-1.1266	-0.0007	/	Pass
				-10	3.3	-6.7419	-0.0039	/	Pass
				0	3.3	4.1405	0.0024	/	Pass
				10	3.3	1.5058	0.0009	/	Pass
				30	3.3	-0.2474	-0.0001	/	Pass
				40	3.3	-3.9156	-0.0023	/	Pass
				50	3.3	6.2929	0.0037	/	Pass
	Middle	6	0	20	2.2	6.2836	0.0036	/	Pass
					3.3	-6.6265	-0.0038	/	Pass
					4.35	-6.5632	-0.0038	/	Pass
				-30	3.3	4.1385	0.0024	/	Pass
				-20	3.3	-3.9825	-0.0023	/	Pass
				-10	3.3	-6.1774	-0.0036	/	Pass
				0	3.3	-3.4784	-0.002	/	Pass
				10	3.3	-5.6856	-0.0033	/	Pass
				30	3.3	-2.0232	-0.0012	/	Pass
				40	3.3	4.5849	0.0026	/	Pass
				50	3.3	-4.1081	-0.0024	/	Pass
	High	6	0	20	2.2	0.6771	0.0004	/	Pass
					3.3	0.3278	0.0002	/	Pass
					4.35	-0.0467	0	/	Pass
				-30	3.3	-3.1051	-0.0018	/	Pass
				-20	3.3	6.0300	0.0035	/	Pass
				-10	3.3	-4.7590	-0.0027	/	Pass
				0	3.3	0.1074	0.0001	/	Pass
				10	3.3	6.4047	0.0037	/	Pass
				30	3.3	-2.7533	-0.0016	/	Pass
				40	3.3	-6.2103	-0.0036	/	Pass
16QAM	Low	5	0	20	2.2	-5.5400	-0.0032	/	Pass
					3.3	-10.4000	-0.006	/	Pass
					4.35	-3.9800	-0.0023	/	Pass
				-30	3.3	-3.5161	-0.002	/	Pass
				-20	3.3	-1.1266	-0.0007	/	Pass
				-10	3.3	-6.7419	-0.0039	/	Pass
				0	3.3	4.1405	0.0024	/	Pass
				10	3.3	1.5058	0.0009	/	Pass
				30	3.3	-0.2474	-0.0001	/	Pass
				40	3.3	-3.9156	-0.0023	/	Pass
				50	3.3	6.2929	0.0037	/	Pass
	Middle	5	0	20	2.2	6.2836	0.0036	/	Pass
					3.3	-6.6265	-0.0038	/	Pass
					4.35	-6.5632	-0.0038	/	Pass
				-30	3.3	4.1385	0.0024	/	Pass
				-20	3.3	-3.9825	-0.0023	/	Pass
				-10	3.3	-6.1774	-0.0036	/	Pass
				0	3.3	-3.4784	-0.002	/	Pass
				10	3.3	-5.6856	-0.0033	/	Pass
				30	3.3	-2.0232	-0.0012	/	Pass
				40	3.3	4.5849	0.0026	/	Pass
				50	3.3	-4.1081	-0.0024	/	Pass
	High	5	0	20	2.2	0.6771	0.0004	/	Pass

					3.3	0.3278	0.0002	/	Pass
					4.35	-0.0467	0	/	Pass
				-30	3.3	-3.1051	-0.0018	/	Pass
				-20	3.3	6.0300	0.0035	/	Pass
				-10	3.3	-4.7590	-0.0027	/	Pass
				0	3.3	0.1074	0.0001	/	Pass
				10	3.3	6.4047	0.0037	/	Pass
				30	3.3	-2.7533	-0.0016	/	Pass
				40	3.3	-6.2103	-0.0036	/	Pass
				50	3.3	-5.6859	-0.0033	/	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	2.2	-5.6000	-0.0068	-2.5 to 2.5	Pass
					3.3	-4.5700	-0.0055	-2.5 to 2.5	Pass
					4.35	-2.1300	-0.0026	-2.5 to 2.5	Pass
				-30	3.3	4.9069	0.0059	-2.5 to 2.5	Pass
				-20	3.3	0.9879	0.0012	-2.5 to 2.5	Pass
				-10	3.3	-6.9107	-0.0083	-2.5 to 2.5	Pass
				0	3.3	-4.1603	-0.005	-2.5 to 2.5	Pass
				10	3.3	0.6850	0.0008	-2.5 to 2.5	Pass
				30	3.3	4.6865	0.0057	-2.5 to 2.5	Pass
				40	3.3	5.6811	0.0069	-2.5 to 2.5	Pass
				50	3.3	-2.0275	-0.0024	-2.5 to 2.5	Pass
	Middle	6	0	20	2.2	-0.2932	-0.0004	-2.5 to 2.5	Pass
					3.3	-5.9771	-0.0071	-2.5 to 2.5	Pass
					4.35	5.8656	0.007	-2.5 to 2.5	Pass
				-30	3.3	1.4831	0.0018	-2.5 to 2.5	Pass
				-20	3.3	6.6354	0.0079	-2.5 to 2.5	Pass
				-10	3.3	-0.5178	-0.0006	-2.5 to 2.5	Pass
				0	3.3	2.0429	0.0024	-2.5 to 2.5	Pass
				10	3.3	0.1324	0.0002	-2.5 to 2.5	Pass
				30	3.3	5.3448	0.0064	-2.5 to 2.5	Pass
				40	3.3	-2.2666	-0.0027	-2.5 to 2.5	Pass
				50	3.3	-4.1342	-0.0049	-2.5 to 2.5	Pass
	High	6	0	20	2.2	-3.7568	-0.0045	-2.5 to 2.5	Pass
					3.3	-5.6780	-0.0067	-2.5 to 2.5	Pass
					4.35	-2.5017	-0.003	-2.5 to 2.5	Pass
				-30	3.3	1.5791	0.0019	-2.5 to 2.5	Pass
				-20	3.3	-3.4413	-0.0041	-2.5 to 2.5	Pass
				-10	3.3	2.0283	0.0024	-2.5 to 2.5	Pass
				0	3.3	-5.7658	-0.0068	-2.5 to 2.5	Pass
				10	3.3	3.9142	0.0046	-2.5 to 2.5	Pass
				30	3.3	2.9844	0.0035	-2.5 to 2.5	Pass
				40	3.3	3.0024	0.0036	-2.5 to 2.5	Pass
				50	3.3	0.8157	0.001	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	2.2	-5.6000	-0.0068	-2.5 to 2.5	Pass
					3.3	-4.5700	-0.0055	-2.5 to 2.5	Pass
					4.35	-2.1300	-0.0026	-2.5 to 2.5	Pass
				-30	3.3	4.9069	0.0059	-2.5 to 2.5	Pass
				-20	3.3	0.9879	0.0012	-2.5 to 2.5	Pass
				-10	3.3	-6.9107	-0.0083	-2.5 to 2.5	Pass
				0	3.3	-4.1603	-0.005	-2.5 to 2.5	Pass
				10	3.3	0.6850	0.0008	-2.5 to 2.5	Pass
				30	3.3	4.6865	0.0057	-2.5 to 2.5	Pass
				40	3.3	5.6811	0.0069	-2.5 to 2.5	Pass
				50	3.3	-2.0275	-0.0024	-2.5 to 2.5	Pass
	Middle	5	0	20	2.2	-0.2932	-0.0004	-2.5 to 2.5	Pass
					3.3	-5.9771	-0.0071	-2.5 to 2.5	Pass
					4.35	5.8656	0.007	-2.5 to 2.5	Pass
				-30	3.3	1.4831	0.0018	-2.5 to 2.5	Pass
				-20	3.3	6.6354	0.0079	-2.5 to 2.5	Pass
				-10	3.3	-0.5178	-0.0006	-2.5 to 2.5	Pass
				0	3.3	2.0429	0.0024	-2.5 to 2.5	Pass
				10	3.3	0.1324	0.0002	-2.5 to 2.5	Pass
				30	3.3	5.3448	0.0064	-2.5 to 2.5	Pass
				40	3.3	-2.2666	-0.0027	-2.5 to 2.5	Pass
				50	3.3	-4.1342	-0.0049	-2.5 to 2.5	Pass
	High	5	0	20	2.2	-3.7568	-0.0045	-2.5 to 2.5	Pass

					3.3	-5.6780	-0.0067	-2.5 to 2.5	Pass
					4.35	-2.5017	-0.003	-2.5 to 2.5	Pass
				-30	3.3	1.5791	0.0019	-2.5 to 2.5	Pass
				-20	3.3	-3.4413	-0.0041	-2.5 to 2.5	Pass
				-10	3.3	2.0283	0.0024	-2.5 to 2.5	Pass
				0	3.3	-5.7658	-0.0068	-2.5 to 2.5	Pass
				10	3.3	3.9142	0.0046	-2.5 to 2.5	Pass
				30	3.3	2.9844	0.0035	-2.5 to 2.5	Pass
				40	3.3	3.0024	0.0036	-2.5 to 2.5	Pass
				50	3.3	0.8157	0.001	-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	2.2	-2.2600	-0.0032	/	Pass
					3.3	-7.0600	-0.01	/	Pass
					4.35	-2.0400	-0.0029	/	Pass
				-30	3.3	2.5023	0.0036	/	Pass
				-20	3.3	3.6613	0.0052	/	Pass
				-10	3.3	4.9062	0.007	/	Pass
				0	3.3	-5.5369	-0.0079	/	Pass
				10	3.3	-3.7986	-0.0054	/	Pass
				30	3.3	-0.4175	-0.0006	/	Pass
				40	3.3	1.8569	0.0026	/	Pass
				50	3.3	1.5092	0.0021	/	Pass
	Middle	6	0	20	2.2	0.9445	0.0013	/	Pass
					3.3	1.6765	0.0024	/	Pass
					4.35	3.8816	0.0055	/	Pass
				-30	3.3	-0.2601	-0.0004	/	Pass
				-20	3.3	-3.9226	-0.0055	/	Pass
				-10	3.3	-5.5483	-0.0078	/	Pass
				0	3.3	0.6831	0.001	/	Pass
				10	3.3	5.8908	0.0083	/	Pass
				30	3.3	-4.2114	-0.006	/	Pass
				40	3.3	1.2342	0.0017	/	Pass
				50	3.3	-0.7429	-0.0011	/	Pass
	High	6	0	20	2.2	1.4726	0.0021	/	Pass
					3.3	-2.8222	-0.004	/	Pass
					4.35	-4.6729	-0.0066	/	Pass
				-30	3.3	-4.1698	-0.0059	/	Pass
				-20	3.3	-4.3991	-0.0062	/	Pass
				-10	3.3	6.8484	0.0096	/	Pass
				0	3.3	-5.1958	-0.0073	/	Pass
				10	3.3	-6.3432	-0.0089	/	Pass
				30	3.3	-3.7668	-0.0053	/	Pass
				40	3.3	-0.2274	-0.0003	/	Pass
				50	3.3	4.7361	0.0067	/	Pass
16QAM	Low	5	0	20	2.2	-2.2600	-0.0032	/	Pass
					3.3	-7.0600	-0.01	/	Pass
					4.35	-2.0400	-0.0029	/	Pass
				-30	3.3	2.5023	0.0036	/	Pass
				-20	3.3	3.6613	0.0052	/	Pass
				-10	3.3	4.9062	0.007	/	Pass
				0	3.3	-5.5369	-0.0079	/	Pass
				10	3.3	-3.7986	-0.0054	/	Pass
				30	3.3	-0.4175	-0.0006	/	Pass
				40	3.3	1.8569	0.0026	/	Pass
				50	3.3	1.5092	0.0021	/	Pass
	Middle	5	0	20	2.2	0.9445	0.0013	/	Pass
					3.3	1.6765	0.0024	/	Pass
					4.35	3.8816	0.0055	/	Pass
				-30	3.3	-0.2601	-0.0004	/	Pass
				-20	3.3	-3.9226	-0.0055	/	Pass
				-10	3.3	-5.5483	-0.0078	/	Pass
				0	3.3	0.6831	0.001	/	Pass
				10	3.3	5.8908	0.0083	/	Pass
				30	3.3	-4.2114	-0.006	/	Pass
				40	3.3	1.2342	0.0017	/	Pass
				50	3.3	-0.7429	-0.0011	/	Pass
	High	5	0	20	2.2	1.4726	0.0021	/	Pass

					3.3	-2.8222	-0.004	/	Pass
					4.35	-4.6729	-0.0066	/	Pass
				-30	3.3	-4.1698	-0.0059	/	Pass
				-20	3.3	-4.3991	-0.0062	/	Pass
				-10	3.3	6.8484	0.0096	/	Pass
				0	3.3	-5.1958	-0.0073	/	Pass
				10	3.3	-6.3432	-0.0089	/	Pass
				30	3.3	-3.7668	-0.0053	/	Pass
				40	3.3	-0.2274	-0.0003	/	Pass
				50	3.3	4.7361	0.0067	/	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	2.2	-0.1000	-0.0001	/	Pass
					3.3	5.1174	0.0065	/	Pass
					4.35	1.9635	0.0025	/	Pass
				-30	3.3	-0.3238	-0.0004	/	Pass
				-20	3.3	2.6141	0.0033	/	Pass
				-10	3.3	5.5600	0.0071	/	Pass
				0	3.3	-3.8743	-0.005	/	Pass
				10	3.3	5.4190	0.0069	/	Pass
				30	3.3	3.3705	0.0043	/	Pass
				40	3.3	1.6669	0.0021	/	Pass
50	3.3	-0.0256	0	/	Pass				
16QAM	Middle	5	0	20	2.2	-4.1663	-0.0053	/	Pass
					3.3	4.8239	0.0062	/	Pass
					4.35	-2.9334	-0.0038	/	Pass
				-30	3.3	-6.0187	-0.0077	/	Pass
				-20	3.3	6.5370	0.0084	/	Pass
				-10	3.3	-4.1927	-0.0054	/	Pass
				0	3.3	-2.0230	-0.0026	/	Pass
				10	3.3	-4.5371	-0.0058	/	Pass
				30	3.3	-2.2331	-0.0029	/	Pass
				40	3.3	-2.2613	-0.0029	/	Pass
50	3.3	-5.6386	-0.0072	/	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	2.2	-8.7800	-0.0047	/	Pass
					3.3	-7.0700	-0.0038	/	Pass
					4.35	-3.3500	-0.0018	/	Pass
				-30	3.3	-0.6066	-0.0003	/	Pass
				-20	3.3	-3.2999	-0.0018	/	Pass
				-10	3.3	-1.5832	-0.0009	/	Pass
				0	3.3	3.8651	0.0021	/	Pass
				10	3.3	-3.2495	-0.0017	/	Pass
				30	3.3	-3.4915	-0.0019	/	Pass
				40	3.3	2.6561	0.0014	/	Pass
				50	3.3	2.8578	0.0015	/	Pass
	Middle	6	0	20	2.2	-2.6913	-0.0014	/	Pass
					3.3	5.5055	0.0029	/	Pass
					4.35	-0.9905	-0.0005	/	Pass
				-30	3.3	-5.1979	-0.0028	/	Pass
				-20	3.3	4.5853	0.0024	/	Pass
				-10	3.3	3.2080	0.0017	/	Pass
				0	3.3	-6.5110	-0.0035	/	Pass
				10	3.3	6.4494	0.0034	/	Pass
				30	3.3	-2.8840	-0.0015	/	Pass
				40	3.3	-4.0642	-0.0022	/	Pass
				50	3.3	0.2338	0.0001	/	Pass
	High	6	0	20	2.2	-0.3151	-0.0002	/	Pass
					3.3	-6.7516	-0.0035	/	Pass
					4.35	1.9780	0.001	/	Pass
				-30	3.3	5.5877	0.0029	/	Pass
				-20	3.3	1.6133	0.0008	/	Pass
				-10	3.3	-6.1505	-0.0032	/	Pass
				0	3.3	-3.2194	-0.0017	/	Pass
				10	3.3	-2.8316	-0.0015	/	Pass
				30	3.3	1.4139	0.0007	/	Pass
				40	3.3	-0.7082	-0.0004	/	Pass
				50	3.3	4.4229	0.0023	/	Pass
16QAM	Low	5	0	20	2.2	-8.7800	-0.0047	/	Pass
					3.3	-7.0700	-0.0038	/	Pass
					4.35	-3.3500	-0.0018	/	Pass
				-30	3.3	-0.6066	-0.0003	/	Pass
				-20	3.3	-3.2999	-0.0018	/	Pass
				-10	3.3	-1.5832	-0.0009	/	Pass
				0	3.3	3.8651	0.0021	/	Pass
				10	3.3	-3.2495	-0.0017	/	Pass
				30	3.3	-3.4915	-0.0019	/	Pass
				40	3.3	2.6561	0.0014	/	Pass
				50	3.3	2.8578	0.0015	/	Pass
	Middle	5	0	20	2.2	-2.6913	-0.0014	/	Pass
					3.3	5.5055	0.0029	/	Pass
					4.35	-0.9905	-0.0005	/	Pass
				-30	3.3	-5.1979	-0.0028	/	Pass
				-20	3.3	4.5853	0.0024	/	Pass
				-10	3.3	3.2080	0.0017	/	Pass
				0	3.3	-6.5110	-0.0035	/	Pass
				10	3.3	6.4494	0.0034	/	Pass
				30	3.3	-2.8840	-0.0015	/	Pass
				40	3.3	-4.0642	-0.0022	/	Pass
				50	3.3	0.2338	0.0001	/	Pass
	High	5	0	20	2.2	-0.3151	-0.0002	/	Pass

					3.3	-6.7516	-0.0035	/	Pass
					4.35	1.9780	0.001	/	Pass
				-30	3.3	5.5877	0.0029	/	Pass
				-20	3.3	1.6133	0.0008	/	Pass
				-10	3.3	-6.1505	-0.0032	/	Pass
				0	3.3	-3.2194	-0.0017	/	Pass
				10	3.3	-2.8316	-0.0015	/	Pass
				30	3.3	1.4139	0.0007	/	Pass
				40	3.3	-0.7082	-0.0004	/	Pass
				50	3.3	4.4229	0.0023	/	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	2.2	-2.7200	-0.0033	/	Pass
					3.3	-9.7700	-0.0119	/	Pass
					4.35	-1.8700	-0.0023	/	Pass
				-30	3.3	-0.8341	-0.001	/	Pass
				-20	3.3	-1.2654	-0.0015	/	Pass
				-10	3.3	6.7966	0.0083	/	Pass
				0	3.3	-5.8363	-0.0071	/	Pass
				10	3.3	-6.7004	-0.0082	/	Pass
				30	3.3	-4.0604	-0.005	/	Pass
				40	3.3	-6.3562	-0.0078	/	Pass
50	3.3	-5.8275	-0.0071	/	Pass				
16QAM	Middle	5	0	20	2.2	-0.1527	-0.0002	/	Pass
					3.3	4.6082	0.0056	/	Pass
					4.35	6.5946	0.0081	/	Pass
				-30	3.3	3.6725	0.0045	/	Pass
				-20	3.3	4.6573	0.0057	/	Pass
				-10	3.3	-0.5476	-0.0007	/	Pass
				0	3.3	4.4866	0.0055	/	Pass
				10	3.3	-1.8046	-0.0022	/	Pass
				30	3.3	3.6349	0.0044	/	Pass
				40	3.3	1.9693	0.0024	/	Pass
50	3.3	-4.0100	-0.0049	/	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	2.2	-2.5100	-0.0031	-2.5 to 2.5	Pass
					3.3	-0.3500	-0.0004	-2.5 to 2.5	Pass
					4.35	-4.8300	-0.0059	-2.5 to 2.5	Pass
				-30	3.3	1.1333	0.0014	-2.5 to 2.5	Pass
				-20	3.3	-2.9416	-0.0036	-2.5 to 2.5	Pass
				-10	3.3	-4.4972	-0.0055	-2.5 to 2.5	Pass
				0	3.3	-2.0510	-0.0025	-2.5 to 2.5	Pass
				10	3.3	6.9897	0.0085	-2.5 to 2.5	Pass
				30	3.3	-9.4634	-0.0115	-2.5 to 2.5	Pass
				40	3.3	-4.8142	-0.0059	-2.5 to 2.5	Pass
				50	3.3	-2.3203	-0.0028	-2.5 to 2.5	Pass
	Middle	6	0	20	2.2	9.2355	0.0111	-2.5 to 2.5	Pass
					3.3	-3.1433	-0.0038	-2.5 to 2.5	Pass
					4.35	-2.8204	-0.0034	-2.5 to 2.5	Pass
				-30	3.3	8.0368	0.0097	-2.5 to 2.5	Pass
				-20	3.3	-8.7050	-0.0105	-2.5 to 2.5	Pass
				-10	3.3	5.7937	0.007	-2.5 to 2.5	Pass
				0	3.3	-8.0844	-0.0097	-2.5 to 2.5	Pass
				10	3.3	-0.0373	0	-2.5 to 2.5	Pass
				30	3.3	0.2926	0.0004	-2.5 to 2.5	Pass
				40	3.3	-7.9438	-0.0096	-2.5 to 2.5	Pass
				50	3.3	-4.4974	-0.0054	-2.5 to 2.5	Pass
	High	6	0	20	2.2	0.3882	0.0005	-2.5 to 2.5	Pass
					3.3	-2.9244	-0.0035	-2.5 to 2.5	Pass
					4.35	8.3832	0.01	-2.5 to 2.5	Pass
				-30	3.3	9.7030	0.0115	-2.5 to 2.5	Pass
				-20	3.3	-4.9679	-0.0059	-2.5 to 2.5	Pass
				-10	3.3	-0.9779	-0.0012	-2.5 to 2.5	Pass
				0	3.3	-8.6617	-0.0103	-2.5 to 2.5	Pass
				10	3.3	-8.5408	-0.0101	-2.5 to 2.5	Pass
				30	3.3	4.9705	0.0059	-2.5 to 2.5	Pass
				40	3.3	-9.3423	-0.0111	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	2.2	-2.5100	-0.0031	-2.5 to 2.5	Pass
					3.3	-0.3500	-0.0004	-2.5 to 2.5	Pass
					4.35	-4.8300	-0.0059	-2.5 to 2.5	Pass
				-30	3.3	1.1333	0.0014	-2.5 to 2.5	Pass
				-20	3.3	-2.9416	-0.0036	-2.5 to 2.5	Pass
				-10	3.3	-4.4972	-0.0055	-2.5 to 2.5	Pass
				0	3.3	-2.0510	-0.0025	-2.5 to 2.5	Pass
				10	3.3	6.9897	0.0085	-2.5 to 2.5	Pass
				30	3.3	-9.4634	-0.0115	-2.5 to 2.5	Pass
				40	3.3	-4.8142	-0.0059	-2.5 to 2.5	Pass
				50	3.3	-2.3203	-0.0028	-2.5 to 2.5	Pass
	Middle	5	0	20	2.2	9.2355	0.0111	-2.5 to 2.5	Pass
					3.3	-3.1433	-0.0038	-2.5 to 2.5	Pass
					4.35	-2.8204	-0.0034	-2.5 to 2.5	Pass
				-30	3.3	8.0368	0.0097	-2.5 to 2.5	Pass
				-20	3.3	-8.7050	-0.0105	-2.5 to 2.5	Pass
				-10	3.3	5.7937	0.007	-2.5 to 2.5	Pass
				0	3.3	-8.0844	-0.0097	-2.5 to 2.5	Pass
				10	3.3	-0.0373	0	-2.5 to 2.5	Pass
				30	3.3	0.2926	0.0004	-2.5 to 2.5	Pass
				40	3.3	-7.9438	-0.0096	-2.5 to 2.5	Pass
				50	3.3	-4.4974	-0.0054	-2.5 to 2.5	Pass
	High	5	0	20	2.2	0.3882	0.0005	-2.5 to 2.5	Pass

					3.3	-2.9244	-0.0035	-2.5 to 2.5	Pass
					4.35	8.3832	0.01	-2.5 to 2.5	Pass
				-30	3.3	9.7030	0.0115	-2.5 to 2.5	Pass
				-20	3.3	-4.9679	-0.0059	-2.5 to 2.5	Pass
				-10	3.3	-0.9779	-0.0012	-2.5 to 2.5	Pass
				0	3.3	-8.6617	-0.0103	-2.5 to 2.5	Pass
				10	3.3	-8.5408	-0.0101	-2.5 to 2.5	Pass
				30	3.3	4.9705	0.0059	-2.5 to 2.5	Pass
				40	3.3	-9.3423	-0.0111	-2.5 to 2.5	Pass
				50	3.3	8.1867	0.0097	-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	2.2	3.8600	0.0022	/	Pass
					3.3	-7.8200	-0.0045	/	Pass
					4.35	-6.9600	-0.004	/	Pass
				-30	3.3	-0.5742	-0.0003	/	Pass
				-20	3.3	6.3292	0.0037	/	Pass
				-10	3.3	8.1318	0.0047	/	Pass
				0	3.3	2.7385	0.0016	/	Pass
				10	3.3	-0.2038	-0.0001	/	Pass
				30	3.3	7.5494	0.0044	/	Pass
				40	3.3	-8.2003	-0.0048	/	Pass
				50	3.3	-7.3257	-0.0043	/	Pass
	Middle	6	0	20	2.2	-0.5262	-0.0003	/	Pass
					3.3	-3.6600	-0.0021	/	Pass
					4.35	7.9613	0.0046	/	Pass
				-30	3.3	2.5999	0.0015	/	Pass
				-20	3.3	-4.3547	-0.0025	/	Pass
				-10	3.3	-9.4043	-0.0054	/	Pass
				0	3.3	-7.8953	-0.0045	/	Pass
				10	3.3	-6.3443	-0.0036	/	Pass
				30	3.3	-2.6041	-0.0015	/	Pass
				40	3.3	-9.4817	-0.0054	/	Pass
				50	3.3	8.8407	0.0051	/	Pass
	High	6	0	20	2.2	-6.6210	-0.0037	/	Pass
					3.3	-9.4480	-0.0053	/	Pass
					4.35	6.8177	0.0039	/	Pass
				-30	3.3	-1.0552	-0.0006	/	Pass
				-20	3.3	4.9045	0.0028	/	Pass
				-10	3.3	-7.6294	-0.0043	/	Pass
				0	3.3	4.1691	0.0024	/	Pass
				10	3.3	6.1933	0.0035	/	Pass
				30	3.3	6.4574	0.0036	/	Pass
				40	3.3	9.8421	0.0056	/	Pass
16QAM	Low	5	0	20	2.2	3.8600	0.0022	/	Pass
					3.3	-7.8200	-0.0045	/	Pass
					4.35	-6.9600	-0.004	/	Pass
				-30	3.3	-0.5742	-0.0003	/	Pass
				-20	3.3	6.3292	0.0037	/	Pass
				-10	3.3	8.1318	0.0047	/	Pass
				0	3.3	2.7385	0.0016	/	Pass
				10	3.3	-0.2038	-0.0001	/	Pass
				30	3.3	7.5494	0.0044	/	Pass
				40	3.3	-8.2003	-0.0048	/	Pass
				50	3.3	-7.3257	-0.0043	/	Pass
	Middle	5	0	20	2.2	-0.5262	-0.0003	/	Pass
					3.3	-3.6600	-0.0021	/	Pass
					4.35	7.9613	0.0046	/	Pass
				-30	3.3	2.5999	0.0015	/	Pass
				-20	3.3	-4.3547	-0.0025	/	Pass
				-10	3.3	-9.4043	-0.0054	/	Pass
				0	3.3	-7.8953	-0.0045	/	Pass
				10	3.3	-6.3443	-0.0036	/	Pass
				30	3.3	-2.6041	-0.0015	/	Pass
				40	3.3	-9.4817	-0.0054	/	Pass
				50	3.3	8.8407	0.0051	/	Pass
	High	5	0	20	2.2	-6.6210	-0.0037	/	Pass

					3.3	-9.4480	-0.0053	/	Pass
					4.35	6.8177	0.0039	/	Pass
				-30	3.3	-1.0552	-0.0006	/	Pass
				-20	3.3	4.9045	0.0028	/	Pass
				-10	3.3	-7.6294	-0.0043	/	Pass
				0	3.3	4.1691	0.0024	/	Pass
				10	3.3	6.1933	0.0035	/	Pass
				30	3.3	6.4574	0.0036	/	Pass
				40	3.3	9.8421	0.0056	/	Pass
				50	3.3	-2.8984	-0.0016	/	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	2.2	-5.6700	-0.0081	/	Pass
					3.3	-4.0600	-0.0058	/	Pass
					4.35	-4.3600	-0.0062	/	Pass
				-30	3.3	8.7269	0.0124	/	Pass
				-20	3.3	-9.8593	-0.014	/	Pass
				-10	3.3	8.4603	0.012	/	Pass
				0	3.3	-0.4138	-0.0006	/	Pass
				10	3.3	3.5462	0.005	/	Pass
				30	3.3	-3.8143	-0.0054	/	Pass
				40	3.3	-2.2210	-0.0032	/	Pass
				50	3.3	-0.5945	-0.0008	/	Pass
	Middle	6	0	20	2.2	-3.3679	-0.0048	/	Pass
					3.3	-0.2939	-0.0004	/	Pass
					4.35	7.9539	0.0113	/	Pass
				-30	3.3	0.1288	0.0002	/	Pass
				-20	3.3	2.5420	0.0036	/	Pass
				-10	3.3	4.4068	0.0062	/	Pass
				0	3.3	9.0245	0.0128	/	Pass
				10	3.3	-9.8721	-0.014	/	Pass
				30	3.3	-0.0374	-0.0001	/	Pass
				40	3.3	-2.9917	-0.0042	/	Pass
				50	3.3	0.0880	0.0001	/	Pass
	High	6	0	20	2.2	4.4018	0.0062	/	Pass
					3.3	0.8715	0.0012	/	Pass
					4.35	-4.6356	-0.0065	/	Pass
				-30	3.3	2.6931	0.0038	/	Pass
				-20	3.3	0.7720	0.0011	/	Pass
				-10	3.3	-2.0062	-0.0028	/	Pass
				0	3.3	5.6953	0.008	/	Pass
				10	3.3	8.8835	0.0125	/	Pass
				30	3.3	-6.0989	-0.0086	/	Pass
				40	3.3	1.9337	0.0027	/	Pass
				50	3.3	9.3719	0.0132	/	Pass
16QAM	Low	5	0	20	2.2	-5.6700	-0.0081	/	Pass
					3.3	-4.0600	-0.0058	/	Pass
					4.35	-4.3600	-0.0062	/	Pass
				-30	3.3	8.7269	0.0124	/	Pass
				-20	3.3	-9.8593	-0.014	/	Pass
				-10	3.3	8.4603	0.012	/	Pass
				0	3.3	-0.4138	-0.0006	/	Pass
				10	3.3	3.5462	0.005	/	Pass
				30	3.3	-3.8143	-0.0054	/	Pass
				40	3.3	-2.2210	-0.0032	/	Pass
				50	3.3	-0.5945	-0.0008	/	Pass
	Middle	5	0	20	2.2	-3.3679	-0.0048	/	Pass
					3.3	-0.2939	-0.0004	/	Pass
					4.35	7.9539	0.0113	/	Pass
				-30	3.3	0.1288	0.0002	/	Pass
				-20	3.3	2.5420	0.0036	/	Pass
				-10	3.3	4.4068	0.0062	/	Pass
				0	3.3	9.0245	0.0128	/	Pass
				10	3.3	-9.8721	-0.014	/	Pass
				30	3.3	-0.0374	-0.0001	/	Pass
				40	3.3	-2.9917	-0.0042	/	Pass
				50	3.3	0.0880	0.0001	/	Pass
	High	5	0	20	2.2	4.4018	0.0062	/	Pass

					3.3	0.8715	0.0012	/	Pass
					4.35	-4.6356	-0.0065	/	Pass
				-30	3.3	2.6931	0.0038	/	Pass
				-20	3.3	0.7720	0.0011	/	Pass
				-10	3.3	-2.0062	-0.0028	/	Pass
				0	3.3	5.6953	0.008	/	Pass
				10	3.3	8.8835	0.0125	/	Pass
				30	3.3	-6.0989	-0.0086	/	Pass
				40	3.3	1.9337	0.0027	/	Pass
				50	3.3	9.3719	0.0132	/	Pass