

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	3.135	-6.220	-0.0033	-2.5 to 2.5	Pass
					3.3	2.960	0.0016	-2.5 to 2.5	Pass
					3.635	-1.120	-0.0006	-2.5 to 2.5	Pass
				-30	3.3	2.316	0.0012	-2.5 to 2.5	Pass
				-20	3.3	4.513	0.0024	-2.5 to 2.5	Pass
				-10	3.3	2.913	0.0016	-2.5 to 2.5	Pass
				0	3.3	-3.812	-0.002	-2.5 to 2.5	Pass
				10	3.3	-2.379	-0.0013	-2.5 to 2.5	Pass
				30	3.3	-0.696	-0.0004	-2.5 to 2.5	Pass
				40	3.3	-2.634	-0.0014	-2.5 to 2.5	Pass
				50	3.3	-4.608	-0.0025	-2.5 to 2.5	Pass
	Middle	6	0	20	3.135	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.3	-3.047	-0.0016	-2.5 to 2.5	Pass
					3.635	3.872	0.0021	-2.5 to 2.5	Pass
				-30	3.3	-0.963	-0.0005	-2.5 to 2.5	Pass
				-20	3.3	-4.734	-0.0025	-2.5 to 2.5	Pass
				-10	3.3	0.445	0.0002	-2.5 to 2.5	Pass
				0	3.3	-0.107	-0.0001	-2.5 to 2.5	Pass
				10	3.3	1.540	0.0008	-2.5 to 2.5	Pass
				30	3.3	-4.509	-0.0024	-2.5 to 2.5	Pass
				40	3.3	-4.383	-0.0023	-2.5 to 2.5	Pass
				50	3.3	3.645	0.0019	-2.5 to 2.5	Pass
	High	6	0	20	3.135	-2.338	-0.0012	-2.5 to 2.5	Pass
					3.3	3.801	0.002	-2.5 to 2.5	Pass
					3.635	-2.855	-0.0015	-2.5 to 2.5	Pass
				-30	3.3	-2.421	-0.0013	-2.5 to 2.5	Pass
				-20	3.3	0.218	0.0001	-2.5 to 2.5	Pass
				-10	3.3	-4.028	-0.0021	-2.5 to 2.5	Pass
				0	3.3	-3.470	-0.0018	-2.5 to 2.5	Pass
				10	3.3	2.602	0.0014	-2.5 to 2.5	Pass
				30	3.3	-3.660	-0.0019	-2.5 to 2.5	Pass
				40	3.3	2.509	0.0013	-2.5 to 2.5	Pass
				50	3.3	0.454	0.0002	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.135	-6.220	-0.0033	-2.5 to 2.5	Pass
					3.3	2.960	0.0016	-2.5 to 2.5	Pass
					3.635	-1.120	-0.0006	-2.5 to 2.5	Pass
				-30	3.3	2.316	0.0012	-2.5 to 2.5	Pass
				-20	3.3	4.513	0.0024	-2.5 to 2.5	Pass
				-10	3.3	2.913	0.0016	-2.5 to 2.5	Pass
				0	3.3	-3.812	-0.002	-2.5 to 2.5	Pass
				10	3.3	-2.379	-0.0013	-2.5 to 2.5	Pass
				30	3.3	-0.696	-0.0004	-2.5 to 2.5	Pass
				40	3.3	-2.634	-0.0014	-2.5 to 2.5	Pass
				50	3.3	-4.608	-0.0025	-2.5 to 2.5	Pass
	Middle	5	0	20	3.135	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.3	-3.047	-0.0016	-2.5 to 2.5	Pass
					3.635	3.872	0.0021	-2.5 to 2.5	Pass
				-30	3.3	-0.963	-0.0005	-2.5 to 2.5	Pass
				-20	3.3	-4.734	-0.0025	-2.5 to 2.5	Pass
				-10	3.3	0.445	0.0002	-2.5 to 2.5	Pass
				0	3.3	-0.107	-0.0001	-2.5 to 2.5	Pass
				10	3.3	1.540	0.0008	-2.5 to 2.5	Pass
				30	3.3	-4.509	-0.0024	-2.5 to 2.5	Pass
				40	3.3	-4.383	-0.0023	-2.5 to 2.5	Pass

				50	3.3	3.645	0.0019	-2.5 to 2.5	Pass
	High	5	0	20	3.135	-2.338	-0.0012	-2.5 to 2.5	Pass
					3.3	3.801	0.002	-2.5 to 2.5	Pass
					3.635	-2.855	-0.0015	-2.5 to 2.5	Pass
					-30	3.3	-2.421	-0.0013	-2.5 to 2.5
				-20	3.3	0.218	0.0001	-2.5 to 2.5	Pass
				-10	3.3	-4.028	-0.0021	-2.5 to 2.5	Pass
				0	3.3	-3.470	-0.0018	-2.5 to 2.5	Pass
				10	3.3	2.602	0.0014	-2.5 to 2.5	Pass
				30	3.3	-3.660	-0.0019	-2.5 to 2.5	Pass
				40	3.3	2.509	0.0013	-2.5 to 2.5	Pass
				50	3.3	0.454	0.0002	-2.5 to 2.5	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	3.135	-3.1700	-0.0018	-2.5 to 2.5	Pass
					3.3	2.7600	0.0016	-2.5 to 2.5	Pass
					3.635	-3.9700	-0.0023	-2.5 to 2.5	Pass
				-30	3.3	-1.3215	-0.0008	-2.5 to 2.5	Pass
				-20	3.3	-1.9609	-0.0011	-2.5 to 2.5	Pass
				-10	3.3	6.1877	0.0036	-2.5 to 2.5	Pass
				0	3.3	5.6123	0.0033	-2.5 to 2.5	Pass
				10	3.3	-3.8657	-0.0022	-2.5 to 2.5	Pass
				30	3.3	-2.5543	-0.0015	-2.5 to 2.5	Pass
				40	3.3	6.0433	0.0035	-2.5 to 2.5	Pass
				50	3.3	1.4038	0.0008	-2.5 to 2.5	Pass
	Middle	6	0	20	3.135	3.7108	0.0021	-2.5 to 2.5	Pass
					3.3	-2.0686	-0.0012	-2.5 to 2.5	Pass
					3.635	-1.7417	-0.001	-2.5 to 2.5	Pass
				-30	3.3	2.0218	0.0012	-2.5 to 2.5	Pass
				-20	3.3	3.7865	0.0022	-2.5 to 2.5	Pass
				-10	3.3	-2.2690	-0.0013	-2.5 to 2.5	Pass
				0	3.3	1.1800	0.0007	-2.5 to 2.5	Pass
				10	3.3	0.6846	0.0004	-2.5 to 2.5	Pass
				30	3.3	-0.2059	-0.0001	-2.5 to 2.5	Pass
				40	3.3	-0.4414	-0.0003	-2.5 to 2.5	Pass
				50	3.3	-6.8316	-0.0039	-2.5 to 2.5	Pass
	High	6	0	20	3.135	0.2266	0.0001	-2.5 to 2.5	Pass
					3.3	3.5630	0.002	-2.5 to 2.5	Pass
					3.635	-1.7196	-0.001	-2.5 to 2.5	Pass
				-30	3.3	-2.3167	-0.0013	-2.5 to 2.5	Pass
				-20	3.3	-0.2248	-0.0001	-2.5 to 2.5	Pass
				-10	3.3	-6.7421	-0.0039	-2.5 to 2.5	Pass
				0	3.3	-3.7928	-0.0022	-2.5 to 2.5	Pass
				10	3.3	-5.0373	-0.0029	-2.5 to 2.5	Pass
				30	3.3	0.1859	0.0001	-2.5 to 2.5	Pass
				40	3.3	3.0996	0.0018	-2.5 to 2.5	Pass
				50	3.3	0.1872	0.0001	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.135	-3.1700	-0.0018	-2.5 to 2.5	Pass
					3.3	2.7600	0.0016	-2.5 to 2.5	Pass
					3.635	-3.9700	-0.0023	-2.5 to 2.5	Pass
				-30	3.3	-1.3215	-0.0008	-2.5 to 2.5	Pass
				-20	3.3	-1.9609	-0.0011	-2.5 to 2.5	Pass
				-10	3.3	6.1877	0.0036	-2.5 to 2.5	Pass
				0	3.3	5.6123	0.0033	-2.5 to 2.5	Pass
				10	3.3	-3.8657	-0.0022	-2.5 to 2.5	Pass
				30	3.3	-2.5543	-0.0015	-2.5 to 2.5	Pass
				40	3.3	6.0433	0.0035	-2.5 to 2.5	Pass
				50	3.3	1.4038	0.0008	-2.5 to 2.5	Pass
	Middle	5	0	20	3.135	3.7108	0.0021	-2.5 to 2.5	Pass
					3.3	-2.0686	-0.0012	-2.5 to 2.5	Pass
					3.635	-1.7417	-0.001	-2.5 to 2.5	Pass
				-30	3.3	2.0218	0.0012	-2.5 to 2.5	Pass
				-20	3.3	3.7865	0.0022	-2.5 to 2.5	Pass
				-10	3.3	-2.2690	-0.0013	-2.5 to 2.5	Pass
				0	3.3	1.1800	0.0007	-2.5 to 2.5	Pass
				10	3.3	0.6846	0.0004	-2.5 to 2.5	Pass
				30	3.3	-0.2059	-0.0001	-2.5 to 2.5	Pass
				40	3.3	-0.4414	-0.0003	-2.5 to 2.5	Pass

				50	3.3	-6.8316	-0.0039	-2.5 to 2.5	Pass
	High	5	0	20	3.135	0.2266	0.0001	-2.5 to 2.5	Pass
					3.3	3.5630	0.002	-2.5 to 2.5	Pass
					3.635	-1.7196	-0.001	-2.5 to 2.5	Pass
					-30	3.3	-2.3167	-0.0013	-2.5 to 2.5
				-20	3.3	-0.2248	-0.0001	-2.5 to 2.5	Pass
				-10	3.3	-6.7421	-0.0039	-2.5 to 2.5	Pass
				0	3.3	-3.7928	-0.0022	-2.5 to 2.5	Pass
				10	3.3	-5.0373	-0.0029	-2.5 to 2.5	Pass
				30	3.3	0.1859	0.0001	-2.5 to 2.5	Pass
				40	3.3	3.0996	0.0018	-2.5 to 2.5	Pass
				50	3.3	0.1872	0.0001	-2.5 to 2.5	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	3.135	-3.6900	-0.0045	-2.5 to 2.5	Pass
					3.3	-2.7300	-0.0033	-2.5 to 2.5	Pass
					3.635	-2.7100	-0.0033	-2.5 to 2.5	Pass
				-30	3.3	-0.1984	-0.0002	-2.5 to 2.5	Pass
				-20	3.3	-5.4504	-0.0066	-2.5 to 2.5	Pass
				-10	3.3	3.6803	0.0044	-2.5 to 2.5	Pass
				0	3.3	4.7888	0.0058	-2.5 to 2.5	Pass
				10	3.3	-6.0898	-0.0073	-2.5 to 2.5	Pass
				30	3.3	-2.1110	-0.0025	-2.5 to 2.5	Pass
				40	3.3	-5.0174	-0.0061	-2.5 to 2.5	Pass
				50	3.3	1.3805	0.0017	-2.5 to 2.5	Pass
	Middle	6	0	20	3.135	4.2336	0.0051	-2.5 to 2.5	Pass
					3.3	-5.2273	-0.0062	-2.5 to 2.5	Pass
					3.635	2.0180	0.0024	-2.5 to 2.5	Pass
				-30	3.3	-1.5614	-0.0019	-2.5 to 2.5	Pass
				-20	3.3	3.1699	0.0038	-2.5 to 2.5	Pass
				-10	3.3	-3.5265	-0.0042	-2.5 to 2.5	Pass
				0	3.3	-2.6767	-0.0032	-2.5 to 2.5	Pass
				10	3.3	-6.6067	-0.0079	-2.5 to 2.5	Pass
				30	3.3	5.5406	0.0066	-2.5 to 2.5	Pass
				40	3.3	2.2156	0.0026	-2.5 to 2.5	Pass
				50	3.3	-5.6447	-0.0067	-2.5 to 2.5	Pass
	High	6	0	20	3.135	3.7788	0.0045	-2.5 to 2.5	Pass
					3.3	-5.7298	-0.0068	-2.5 to 2.5	Pass
					3.635	3.5544	0.0042	-2.5 to 2.5	Pass
				-30	3.3	1.0170	0.0012	-2.5 to 2.5	Pass
				-20	3.3	1.5537	0.0018	-2.5 to 2.5	Pass
				-10	3.3	3.6514	0.0043	-2.5 to 2.5	Pass
				0	3.3	4.2403	0.005	-2.5 to 2.5	Pass
				10	3.3	4.9577	0.0059	-2.5 to 2.5	Pass
				30	3.3	0.5915	0.0007	-2.5 to 2.5	Pass
				40	3.3	-4.2364	-0.005	-2.5 to 2.5	Pass
				50	3.3	-3.8522	-0.0046	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.135	-3.6900	-0.0045	-2.5 to 2.5	Pass
					3.3	-2.7300	-0.0033	-2.5 to 2.5	Pass
					3.635	-2.7100	-0.0033	-2.5 to 2.5	Pass
				-30	3.3	-0.1984	-0.0002	-2.5 to 2.5	Pass
				-20	3.3	-5.4504	-0.0066	-2.5 to 2.5	Pass
				-10	3.3	3.6803	0.0044	-2.5 to 2.5	Pass
				0	3.3	4.7888	0.0058	-2.5 to 2.5	Pass
				10	3.3	-6.0898	-0.0073	-2.5 to 2.5	Pass
				30	3.3	-2.1110	-0.0025	-2.5 to 2.5	Pass
				40	3.3	-5.0174	-0.0061	-2.5 to 2.5	Pass
				50	3.3	1.3805	0.0017	-2.5 to 2.5	Pass
	Middle	5	0	20	3.135	4.2336	0.0051	-2.5 to 2.5	Pass
					3.3	-5.2273	-0.0062	-2.5 to 2.5	Pass
					3.635	2.0180	0.0024	-2.5 to 2.5	Pass
				-30	3.3	-1.5614	-0.0019	-2.5 to 2.5	Pass
				-20	3.3	3.1699	0.0038	-2.5 to 2.5	Pass
				-10	3.3	-3.5265	-0.0042	-2.5 to 2.5	Pass
				0	3.3	-2.6767	-0.0032	-2.5 to 2.5	Pass
				10	3.3	-6.6067	-0.0079	-2.5 to 2.5	Pass
				30	3.3	5.5406	0.0066	-2.5 to 2.5	Pass
				40	3.3	2.2156	0.0026	-2.5 to 2.5	Pass

				50	3.3	-5.6447	-0.0067	-2.5 to 2.5	Pass
	High	5	0	20	3.135	3.7788	0.0045	-2.5 to 2.5	Pass
					3.3	-5.7298	-0.0068	-2.5 to 2.5	Pass
					3.635	3.5544	0.0042	-2.5 to 2.5	Pass
					-30	3.3	1.0170	0.0012	-2.5 to 2.5
				-20	3.3	1.5537	0.0018	-2.5 to 2.5	Pass
				-10	3.3	3.6514	0.0043	-2.5 to 2.5	Pass
				0	3.3	4.2403	0.005	-2.5 to 2.5	Pass
				10	3.3	4.9577	0.0059	-2.5 to 2.5	Pass
				30	3.3	0.5915	0.0007	-2.5 to 2.5	Pass
				40	3.3	-4.2364	-0.005	-2.5 to 2.5	Pass
				50	3.3	-3.8522	-0.0046	-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	3.135	3.1800	0.0045	-2.5 to 2.5	Pass
					3.3	-0.5200	-0.0007	-2.5 to 2.5	Pass
					3.635	0.2000	0.0003	-2.5 to 2.5	Pass
				-30	3.3	-0.7172	-0.001	-2.5 to 2.5	Pass
				-20	3.3	-2.4050	-0.0034	-2.5 to 2.5	Pass
				-10	3.3	4.9239	0.007	-2.5 to 2.5	Pass
				0	3.3	0.8158	0.0012	-2.5 to 2.5	Pass
				10	3.3	5.8427	0.0083	-2.5 to 2.5	Pass
				30	3.3	3.1537	0.0045	-2.5 to 2.5	Pass
				40	3.3	-5.2579	-0.0075	-2.5 to 2.5	Pass
				50	3.3	-4.5423	-0.0065	-2.5 to 2.5	Pass
	Middle	6	0	20	3.135	-4.9073	-0.0069	-2.5 to 2.5	Pass
					3.3	-6.1532	-0.0087	-2.5 to 2.5	Pass
					3.635	2.6005	0.0037	-2.5 to 2.5	Pass
				-30	3.3	-0.9763	-0.0014	-2.5 to 2.5	Pass
				-20	3.3	-6.3251	-0.0089	-2.5 to 2.5	Pass
				-10	3.3	0.9008	0.0013	-2.5 to 2.5	Pass
				0	3.3	-1.1026	-0.0016	-2.5 to 2.5	Pass
				10	3.3	-6.2873	-0.0089	-2.5 to 2.5	Pass
				30	3.3	-1.9067	-0.0027	-2.5 to 2.5	Pass
				40	3.3	-5.2561	-0.0074	-2.5 to 2.5	Pass
				50	3.3	-4.4360	-0.0063	-2.5 to 2.5	Pass
	High	6	0	20	3.135	-2.5323	-0.0036	-2.5 to 2.5	Pass
					3.3	6.5968	0.0093	-2.5 to 2.5	Pass
					3.635	-5.9141	-0.0083	-2.5 to 2.5	Pass
				-30	3.3	4.8992	0.0069	-2.5 to 2.5	Pass
				-20	3.3	6.5588	0.0092	-2.5 to 2.5	Pass
				-10	3.3	-6.2785	-0.0088	-2.5 to 2.5	Pass
				0	3.3	0.7530	0.0011	-2.5 to 2.5	Pass
				10	3.3	0.2749	0.0004	-2.5 to 2.5	Pass
				30	3.3	2.0933	0.0029	-2.5 to 2.5	Pass
				40	3.3	-3.8856	-0.0055	-2.5 to 2.5	Pass
				50	3.3	-4.7305	-0.0067	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.135	3.1800	0.0045	-2.5 to 2.5	Pass
					3.3	-0.5200	-0.0007	-2.5 to 2.5	Pass
					3.635	0.2000	0.0003	-2.5 to 2.5	Pass
				-30	3.3	-0.7172	-0.001	-2.5 to 2.5	Pass
				-20	3.3	-2.4050	-0.0034	-2.5 to 2.5	Pass
				-10	3.3	4.9239	0.007	-2.5 to 2.5	Pass
				0	3.3	0.8158	0.0012	-2.5 to 2.5	Pass
				10	3.3	5.8427	0.0083	-2.5 to 2.5	Pass
				30	3.3	3.1537	0.0045	-2.5 to 2.5	Pass
				40	3.3	-5.2579	-0.0075	-2.5 to 2.5	Pass
				50	3.3	-4.5423	-0.0065	-2.5 to 2.5	Pass
	Middle	5	0	20	3.135	-4.9073	-0.0069	-2.5 to 2.5	Pass
					3.3	-6.1532	-0.0087	-2.5 to 2.5	Pass
					3.635	2.6005	0.0037	-2.5 to 2.5	Pass
				-30	3.3	-0.9763	-0.0014	-2.5 to 2.5	Pass
				-20	3.3	-6.3251	-0.0089	-2.5 to 2.5	Pass
				-10	3.3	0.9008	0.0013	-2.5 to 2.5	Pass
				0	3.3	-1.1026	-0.0016	-2.5 to 2.5	Pass
				10	3.3	-6.2873	-0.0089	-2.5 to 2.5	Pass
				30	3.3	-1.9067	-0.0027	-2.5 to 2.5	Pass
				40	3.3	-5.2561	-0.0074	-2.5 to 2.5	Pass

				50	3.3	-4.4360	-0.0063	-2.5 to 2.5	Pass
	High	5	0	20	3.135	-2.5323	-0.0036	-2.5 to 2.5	Pass
					3.3	6.5968	0.0093	-2.5 to 2.5	Pass
					3.635	-5.9141	-0.0083	-2.5 to 2.5	Pass
					-30	3.3	4.8992	0.0069	-2.5 to 2.5
				-20	3.3	6.5588	0.0092	-2.5 to 2.5	Pass
				-10	3.3	-6.2785	-0.0088	-2.5 to 2.5	Pass
				0	3.3	0.7530	0.0011	-2.5 to 2.5	Pass
				10	3.3	0.2749	0.0004	-2.5 to 2.5	Pass
				30	3.3	2.0933	0.0029	-2.5 to 2.5	Pass
				40	3.3	-3.8856	-0.0055	-2.5 to 2.5	Pass
				50	3.3	-4.7305	-0.0067	-2.5 to 2.5	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	3.135	-4.1400	-0.0053	-2.5 to 2.5	Pass
					3.3	1.0763	0.0014	-2.5 to 2.5	Pass
					3.635	6.6793	0.0085	-2.5 to 2.5	Pass
				-30	3.3	4.1012	0.0052	-2.5 to 2.5	Pass
				-20	3.3	-6.9265	-0.0089	-2.5 to 2.5	Pass
				-10	3.3	0.7284	0.0009	-2.5 to 2.5	Pass
				0	3.3	-0.1777	-0.0002	-2.5 to 2.5	Pass
				10	3.3	6.0838	0.0078	-2.5 to 2.5	Pass
				30	3.3	-3.0282	-0.0039	-2.5 to 2.5	Pass
				40	3.3	0.1602	0.0002	-2.5 to 2.5	Pass
				50	3.3	-3.5765	-0.0046	-2.5 to 2.5	Pass
16QAM	Middle	5	0	20	3.135	-1.4377	-0.0018	-2.5 to 2.5	Pass
					3.3	-4.6050	-0.0059	-2.5 to 2.5	Pass
					3.635	5.3934	0.0069	-2.5 to 2.5	Pass
				-30	3.3	-2.9963	-0.0038	-2.5 to 2.5	Pass
				-20	3.3	6.8455	0.0088	-2.5 to 2.5	Pass
				-10	3.3	4.9083	0.0063	-2.5 to 2.5	Pass
				0	3.3	0.0022	0	-2.5 to 2.5	Pass
				10	3.3	4.1024	0.0052	-2.5 to 2.5	Pass
				30	3.3	-4.6306	-0.0059	-2.5 to 2.5	Pass
				40	3.3	-5.7075	-0.0073	-2.5 to 2.5	Pass
				50	3.3	4.9526	0.0063	-2.5 to 2.5	Pass

Band: 14 / 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	3.135	-3.1400	-0.004	-2.5 to 2.5	Pass
					3.3	0.0482	0.0001	-2.5 to 2.5	Pass
					3.635	1.9092	0.0024	-2.5 to 2.5	Pass
				-30	3.3	0.6663	0.0008	-2.5 to 2.5	Pass
				-20	3.3	-2.0711	-0.0026	-2.5 to 2.5	Pass
				-10	3.3	-1.3757	-0.0017	-2.5 to 2.5	Pass
				0	3.3	0.1702	0.0002	-2.5 to 2.5	Pass
				10	3.3	3.8185	0.0048	-2.5 to 2.5	Pass
				30	3.3	2.2829	0.0029	-2.5 to 2.5	Pass
				40	3.3	-6.8491	-0.0086	-2.5 to 2.5	Pass
				50	3.3	-4.5045	-0.0057	-2.5 to 2.5	Pass
16QAM	Middle	5	0	20	3.135	6.8651	0.0087	-2.5 to 2.5	Pass
					3.3	0.8522	0.0011	-2.5 to 2.5	Pass
					3.635	-4.6763	-0.0059	-2.5 to 2.5	Pass
				-30	3.3	4.1394	0.0052	-2.5 to 2.5	Pass
				-20	3.3	0.5085	0.0006	-2.5 to 2.5	Pass
				-10	3.3	5.6144	0.0071	-2.5 to 2.5	Pass
				0	3.3	-5.5012	-0.0069	-2.5 to 2.5	Pass
				10	3.3	3.4373	0.0043	-2.5 to 2.5	Pass
				30	3.3	3.0410	0.0038	-2.5 to 2.5	Pass
				40	3.3	-3.2352	-0.0041	-2.5 to 2.5	Pass
				50	3.3	-3.5369	-0.0045	-2.5 to 2.5	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	3.135	-4.1300	-0.0022	-2.5 to 2.5	Pass
					3.3	-3.1900	-0.0017	-2.5 to 2.5	Pass
					3.635	-9.9700	-0.0054	-2.5 to 2.5	Pass
				-30	3.3	3.2690	0.0018	-2.5 to 2.5	Pass
				-20	3.3	5.9565	0.0032	-2.5 to 2.5	Pass
				-10	3.3	-0.0446	0	-2.5 to 2.5	Pass
				0	3.3	2.4618	0.0013	-2.5 to 2.5	Pass
				10	3.3	3.9376	0.0021	-2.5 to 2.5	Pass
				30	3.3	-2.5736	-0.0014	-2.5 to 2.5	Pass
				40	3.3	5.9956	0.0032	-2.5 to 2.5	Pass
				50	3.3	5.5817	0.003	-2.5 to 2.5	Pass
	Middle	6	0	20	3.135	-5.3729	-0.0029	-2.5 to 2.5	Pass
					3.3	2.4566	0.0013	-2.5 to 2.5	Pass
					3.635	4.8998	0.0026	-2.5 to 2.5	Pass
				-30	3.3	-3.4462	-0.0018	-2.5 to 2.5	Pass
				-20	3.3	-1.3025	-0.0007	-2.5 to 2.5	Pass
				-10	3.3	2.0213	0.0011	-2.5 to 2.5	Pass
				0	3.3	0.8628	0.0005	-2.5 to 2.5	Pass
				10	3.3	5.2299	0.0028	-2.5 to 2.5	Pass
				30	3.3	-4.0372	-0.0021	-2.5 to 2.5	Pass
				40	3.3	1.3015	0.0007	-2.5 to 2.5	Pass
				50	3.3	-0.2574	-0.0001	-2.5 to 2.5	Pass
	High	6	0	20	3.135	6.7257	0.0035	-2.5 to 2.5	Pass
					3.3	0.5581	0.0003	-2.5 to 2.5	Pass
					3.635	2.1648	0.0011	-2.5 to 2.5	Pass
				-30	3.3	1.6975	0.0009	-2.5 to 2.5	Pass
				-20	3.3	-6.4992	-0.0034	-2.5 to 2.5	Pass
				-10	3.3	-3.0026	-0.0016	-2.5 to 2.5	Pass
				0	3.3	-1.1424	-0.0006	-2.5 to 2.5	Pass
				10	3.3	-6.2887	-0.0033	-2.5 to 2.5	Pass
				30	3.3	6.4868	0.0034	-2.5 to 2.5	Pass
				40	3.3	-6.4057	-0.0034	-2.5 to 2.5	Pass
				50	3.3	-3.2356	-0.0017	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.135	-4.1300	-0.0022	-2.5 to 2.5	Pass
					3.3	-3.1900	-0.0017	-2.5 to 2.5	Pass
					3.635	-9.9700	-0.0054	-2.5 to 2.5	Pass
				-30	3.3	3.2690	0.0018	-2.5 to 2.5	Pass
				-20	3.3	5.9565	0.0032	-2.5 to 2.5	Pass
				-10	3.3	-0.0446	0	-2.5 to 2.5	Pass
				0	3.3	2.4618	0.0013	-2.5 to 2.5	Pass
				10	3.3	3.9376	0.0021	-2.5 to 2.5	Pass
				30	3.3	-2.5736	-0.0014	-2.5 to 2.5	Pass
				40	3.3	5.9956	0.0032	-2.5 to 2.5	Pass
				50	3.3	5.5817	0.003	-2.5 to 2.5	Pass
	Middle	5	0	20	3.135	-5.3729	-0.0029	-2.5 to 2.5	Pass
					3.3	2.4566	0.0013	-2.5 to 2.5	Pass
					3.635	4.8998	0.0026	-2.5 to 2.5	Pass
				-30	3.3	-3.4462	-0.0018	-2.5 to 2.5	Pass
				-20	3.3	-1.3025	-0.0007	-2.5 to 2.5	Pass
				-10	3.3	2.0213	0.0011	-2.5 to 2.5	Pass
				0	3.3	0.8628	0.0005	-2.5 to 2.5	Pass
				10	3.3	5.2299	0.0028	-2.5 to 2.5	Pass
				30	3.3	-4.0372	-0.0021	-2.5 to 2.5	Pass
				40	3.3	1.3015	0.0007	-2.5 to 2.5	Pass

				50	3.3	-0.2574	-0.0001	-2.5 to 2.5	Pass
	High	5	0	20	3.135	6.7257	0.0035	-2.5 to 2.5	Pass
					3.3	0.5581	0.0003	-2.5 to 2.5	Pass
					3.635	2.1648	0.0011	-2.5 to 2.5	Pass
					-30	3.3	1.6975	0.0009	-2.5 to 2.5
				-20	3.3	-6.4992	-0.0034	-2.5 to 2.5	Pass
				-10	3.3	-3.0026	-0.0016	-2.5 to 2.5	Pass
				0	3.3	-1.1424	-0.0006	-2.5 to 2.5	Pass
				10	3.3	-6.2887	-0.0033	-2.5 to 2.5	Pass
				30	3.3	6.4868	0.0034	-2.5 to 2.5	Pass
				40	3.3	-6.4057	-0.0034	-2.5 to 2.5	Pass
				50	3.3	-3.2356	-0.0017	-2.5 to 2.5	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	3.135	-2.1300	-0.0026	-2.5 to 2.5	Pass
					3.3	6.1067	0.0075	-2.5 to 2.5	Pass
					3.635	-1.2806	-0.0016	-2.5 to 2.5	Pass
				-30	3.3	-1.2605	-0.0015	-2.5 to 2.5	Pass
				-20	3.3	-2.1048	-0.0026	-2.5 to 2.5	Pass
				-10	3.3	-5.9720	-0.0073	-2.5 to 2.5	Pass
				0	3.3	5.2262	0.0064	-2.5 to 2.5	Pass
				10	3.3	5.1791	0.0063	-2.5 to 2.5	Pass
				30	3.3	-3.7926	-0.0046	-2.5 to 2.5	Pass
				40	3.3	-4.1909	-0.0051	-2.5 to 2.5	Pass
				50	3.3	-5.2663	-0.0064	-2.5 to 2.5	Pass
16QAM	Middle	5	0	20	3.135	6.7130	0.0082	-2.5 to 2.5	Pass
					3.3	3.3449	0.0041	-2.5 to 2.5	Pass
					3.635	1.7478	0.0021	-2.5 to 2.5	Pass
				-30	3.3	-1.2692	-0.0015	-2.5 to 2.5	Pass
				-20	3.3	-5.5826	-0.0068	-2.5 to 2.5	Pass
				-10	3.3	1.8345	0.0022	-2.5 to 2.5	Pass
				0	3.3	1.6930	0.0021	-2.5 to 2.5	Pass
				10	3.3	-5.6653	-0.0069	-2.5 to 2.5	Pass
				30	3.3	0.8231	0.001	-2.5 to 2.5	Pass
				40	3.3	-5.3744	-0.0066	-2.5 to 2.5	Pass
				50	3.3	-1.8943	-0.0023	-2.5 to 2.5	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	3.135	3.7000	0.0045	-2.5 to 2.5	Pass
					3.3	-3.3400	-0.0041	-2.5 to 2.5	Pass
					3.635	-3.9100	-0.0048	-2.5 to 2.5	Pass
				-30	3.3	1.3458	0.0016	-2.5 to 2.5	Pass
				-20	3.3	3.2638	0.004	-2.5 to 2.5	Pass
				-10	3.3	8.6115	0.0105	-2.5 to 2.5	Pass
				0	3.3	-9.6542	-0.0118	-2.5 to 2.5	Pass
				10	3.3	9.4123	0.0115	-2.5 to 2.5	Pass
				30	3.3	5.5795	0.0068	-2.5 to 2.5	Pass
				40	3.3	1.8129	0.0022	-2.5 to 2.5	Pass
				50	3.3	-1.0913	-0.0013	-2.5 to 2.5	Pass
	Middle	6	0	20	3.135	-9.7736	-0.0118	-2.5 to 2.5	Pass
					3.3	-4.0236	-0.0048	-2.5 to 2.5	Pass
					3.635	-8.1871	-0.0098	-2.5 to 2.5	Pass
				-30	3.3	3.3626	0.004	-2.5 to 2.5	Pass
				-20	3.3	9.8050	0.0118	-2.5 to 2.5	Pass
				-10	3.3	-4.7673	-0.0057	-2.5 to 2.5	Pass
				0	3.3	2.7263	0.0033	-2.5 to 2.5	Pass
				10	3.3	-6.7873	-0.0082	-2.5 to 2.5	Pass
				30	3.3	3.9108	0.0047	-2.5 to 2.5	Pass
				40	3.3	-1.6255	-0.002	-2.5 to 2.5	Pass
				50	3.3	0.6244	0.0008	-2.5 to 2.5	Pass
	High	6	0	20	3.135	3.2592	0.0039	-2.5 to 2.5	Pass
					3.3	-4.7207	-0.0056	-2.5 to 2.5	Pass
					3.635	-2.7694	-0.0033	-2.5 to 2.5	Pass
				-30	3.3	-4.0444	-0.0048	-2.5 to 2.5	Pass

16QAM				-20	3.3	-8.6557	-0.0103	-2.5 to 2.5	Pass
				-10	3.3	6.8609	0.0082	-2.5 to 2.5	Pass
				0	3.3	2.7264	0.0032	-2.5 to 2.5	Pass
				10	3.3	1.8231	0.0022	-2.5 to 2.5	Pass
				30	3.3	5.2639	0.0063	-2.5 to 2.5	Pass
				40	3.3	-9.8631	-0.0117	-2.5 to 2.5	Pass
				50	3.3	1.0607	0.0013	-2.5 to 2.5	Pass
	Low	5	0	20	3.135	3.7000	0.0045	-2.5 to 2.5	Pass
					3.3	-3.3400	-0.0041	-2.5 to 2.5	Pass
					3.635	-3.9100	-0.0048	-2.5 to 2.5	Pass
				-30	3.3	1.3458	0.0016	-2.5 to 2.5	Pass
				-20	3.3	3.2638	0.004	-2.5 to 2.5	Pass
				-10	3.3	8.6115	0.0105	-2.5 to 2.5	Pass
				0	3.3	-9.6542	-0.0118	-2.5 to 2.5	Pass
				10	3.3	9.4123	0.0115	-2.5 to 2.5	Pass
				30	3.3	5.5795	0.0068	-2.5 to 2.5	Pass
				40	3.3	1.8129	0.0022	-2.5 to 2.5	Pass
				50	3.3	-1.0913	-0.0013	-2.5 to 2.5	Pass
	Middle	5	0	20	3.135	-9.7736	-0.0118	-2.5 to 2.5	Pass
					3.3	-4.0236	-0.0048	-2.5 to 2.5	Pass
					3.635	-8.1871	-0.0098	-2.5 to 2.5	Pass
				-30	3.3	3.3626	0.004	-2.5 to 2.5	Pass
				-20	3.3	9.8050	0.0118	-2.5 to 2.5	Pass
				-10	3.3	-4.7673	-0.0057	-2.5 to 2.5	Pass
				0	3.3	2.7263	0.0033	-2.5 to 2.5	Pass
				10	3.3	-6.7873	-0.0082	-2.5 to 2.5	Pass
				30	3.3	3.9108	0.0047	-2.5 to 2.5	Pass
				40	3.3	-1.6255	-0.002	-2.5 to 2.5	Pass
				50	3.3	0.6244	0.0008	-2.5 to 2.5	Pass
	High	5	0	20	3.135	3.2592	0.0039	-2.5 to 2.5	Pass
					3.3	-4.7207	-0.0056	-2.5 to 2.5	Pass
					3.635	-2.7694	-0.0033	-2.5 to 2.5	Pass
				-30	3.3	-4.0444	-0.0048	-2.5 to 2.5	Pass
				-20	3.3	-8.6557	-0.0103	-2.5 to 2.5	Pass
				-10	3.3	6.8609	0.0082	-2.5 to 2.5	Pass
				0	3.3	2.7264	0.0032	-2.5 to 2.5	Pass
				10	3.3	1.8231	0.0022	-2.5 to 2.5	Pass
				30	3.3	5.2639	0.0063	-2.5 to 2.5	Pass
				40	3.3	-9.8631	-0.0117	-2.5 to 2.5	Pass
				50	3.3	1.0607	0.0013	-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	3.135	-6.7300	-0.0039	-2.5 to 2.5	Pass
					3.3	-3.7100	-0.0022	-2.5 to 2.5	Pass
					3.635	2.1100	0.0012	-2.5 to 2.5	Pass
				-30	3.3	2.5744	0.0015	-2.5 to 2.5	Pass
				-20	3.3	5.0144	0.0029	-2.5 to 2.5	Pass
				-10	3.3	-2.8298	-0.0016	-2.5 to 2.5	Pass
				0	3.3	-4.7910	-0.0028	-2.5 to 2.5	Pass
				10	3.3	-4.2540	-0.0025	-2.5 to 2.5	Pass
				30	3.3	4.3894	0.0026	-2.5 to 2.5	Pass
				40	3.3	-9.6095	-0.0056	-2.5 to 2.5	Pass
				50	3.3	-9.6019	-0.0056	-2.5 to 2.5	Pass
	Middle	6	0	20	3.135	-9.3306	-0.0053	-2.5 to 2.5	Pass
					3.3	-5.2927	-0.003	-2.5 to 2.5	Pass
					3.635	3.3672	0.0019	-2.5 to 2.5	Pass
				-30	3.3	4.2079	0.0024	-2.5 to 2.5	Pass
				-20	3.3	-9.4278	-0.0054	-2.5 to 2.5	Pass
				-10	3.3	2.8791	0.0016	-2.5 to 2.5	Pass
				0	3.3	2.6528	0.0015	-2.5 to 2.5	Pass
				10	3.3	-4.5370	-0.0026	-2.5 to 2.5	Pass
				30	3.3	0.5973	0.0003	-2.5 to 2.5	Pass
				40	3.3	-2.2434	-0.0013	-2.5 to 2.5	Pass
				50	3.3	3.4701	0.002	-2.5 to 2.5	Pass
	High	6	0	20	3.135	-2.6236	-0.0015	-2.5 to 2.5	Pass
					3.3	-9.4983	-0.0054	-2.5 to 2.5	Pass
					3.635	-3.8726	-0.0022	-2.5 to 2.5	Pass
				-30	3.3	5.7804	0.0033	-2.5 to 2.5	Pass
				-20	3.3	-3.3774	-0.0019	-2.5 to 2.5	Pass
				-10	3.3	-3.1105	-0.0018	-2.5 to 2.5	Pass
				0	3.3	-7.0176	-0.004	-2.5 to 2.5	Pass
				10	3.3	-1.6450	-0.0009	-2.5 to 2.5	Pass
				30	3.3	6.1533	0.0035	-2.5 to 2.5	Pass
				40	3.3	8.0152	0.0045	-2.5 to 2.5	Pass
				50	3.3	-2.6135	-0.0015	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.135	-6.7300	-0.0039	-2.5 to 2.5	Pass
					3.3	-3.7100	-0.0022	-2.5 to 2.5	Pass
					3.635	2.1100	0.0012	-2.5 to 2.5	Pass
				-30	3.3	2.5744	0.0015	-2.5 to 2.5	Pass
				-20	3.3	5.0144	0.0029	-2.5 to 2.5	Pass
				-10	3.3	-2.8298	-0.0016	-2.5 to 2.5	Pass
				0	3.3	-4.7910	-0.0028	-2.5 to 2.5	Pass
				10	3.3	-4.2540	-0.0025	-2.5 to 2.5	Pass
				30	3.3	4.3894	0.0026	-2.5 to 2.5	Pass
				40	3.3	-9.6095	-0.0056	-2.5 to 2.5	Pass
				50	3.3	-9.6019	-0.0056	-2.5 to 2.5	Pass
	Middle	5	0	20	3.135	-9.3306	-0.0053	-2.5 to 2.5	Pass
					3.3	-5.2927	-0.003	-2.5 to 2.5	Pass
					3.635	3.3672	0.0019	-2.5 to 2.5	Pass
				-30	3.3	4.2079	0.0024	-2.5 to 2.5	Pass
				-20	3.3	-9.4278	-0.0054	-2.5 to 2.5	Pass
				-10	3.3	2.8791	0.0016	-2.5 to 2.5	Pass
				0	3.3	2.6528	0.0015	-2.5 to 2.5	Pass
				10	3.3	-4.5370	-0.0026	-2.5 to 2.5	Pass
				30	3.3	0.5973	0.0003	-2.5 to 2.5	Pass
				40	3.3	-2.2434	-0.0013	-2.5 to 2.5	Pass

				50	3.3	3.4701	0.002	-2.5 to 2.5	Pass
	High	5	0	20	3.135	-2.6236	-0.0015	-2.5 to 2.5	Pass
					3.3	-9.4983	-0.0054	-2.5 to 2.5	Pass
					3.635	-3.8726	-0.0022	-2.5 to 2.5	Pass
					-30	3.3	5.7804	0.0033	-2.5 to 2.5
				-20	3.3	-3.3774	-0.0019	-2.5 to 2.5	Pass
				-10	3.3	-3.1105	-0.0018	-2.5 to 2.5	Pass
				0	3.3	-7.0176	-0.004	-2.5 to 2.5	Pass
				10	3.3	-1.6450	-0.0009	-2.5 to 2.5	Pass
				30	3.3	6.1533	0.0035	-2.5 to 2.5	Pass
				40	3.3	8.0152	0.0045	-2.5 to 2.5	Pass
				50	3.3	-2.6135	-0.0015	-2.5 to 2.5	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	3.135	-2.6700	-0.0038	-2.5 to 2.5	Pass
					3.3	4.6000	0.0065	-2.5 to 2.5	Pass
					3.635	-0.4400	-0.0006	-2.5 to 2.5	Pass
				-30	3.3	6.7283	0.0096	-2.5 to 2.5	Pass
				-20	3.3	-9.6541	-0.0137	-2.5 to 2.5	Pass
				-10	3.3	-2.5052	-0.0036	-2.5 to 2.5	Pass
				0	3.3	-3.4487	-0.0049	-2.5 to 2.5	Pass
				10	3.3	-9.3329	-0.0133	-2.5 to 2.5	Pass
				30	3.3	-4.3533	-0.0062	-2.5 to 2.5	Pass
				40	3.3	-5.3722	-0.0076	-2.5 to 2.5	Pass
				50	3.3	9.4396	0.0134	-2.5 to 2.5	Pass
	Middle	6	0	20	3.135	-2.7158	-0.0038	-2.5 to 2.5	Pass
					3.3	-3.2323	-0.0046	-2.5 to 2.5	Pass
					3.635	-3.7696	-0.0053	-2.5 to 2.5	Pass
				-30	3.3	-9.3170	-0.0132	-2.5 to 2.5	Pass
				-20	3.3	0.2411	0.0003	-2.5 to 2.5	Pass
				-10	3.3	-1.6909	-0.0024	-2.5 to 2.5	Pass
				0	3.3	-0.6625	-0.0009	-2.5 to 2.5	Pass
				10	3.3	5.4447	0.0077	-2.5 to 2.5	Pass
				30	3.3	-4.1000	-0.0058	-2.5 to 2.5	Pass
				40	3.3	5.8920	0.0083	-2.5 to 2.5	Pass
				50	3.3	-7.8890	-0.0112	-2.5 to 2.5	Pass
	High	6	0	20	3.135	9.5354	0.0134	-2.5 to 2.5	Pass
					3.3	-1.0846	-0.0015	-2.5 to 2.5	Pass
					3.635	6.5448	0.0092	-2.5 to 2.5	Pass
				-30	3.3	-7.9462	-0.0112	-2.5 to 2.5	Pass
				-20	3.3	-0.8921	-0.0013	-2.5 to 2.5	Pass
				-10	3.3	-8.2957	-0.0117	-2.5 to 2.5	Pass
				0	3.3	-4.3649	-0.0061	-2.5 to 2.5	Pass
				10	3.3	-4.6260	-0.0065	-2.5 to 2.5	Pass
				30	3.3	-5.5917	-0.0079	-2.5 to 2.5	Pass
				40	3.3	-7.5662	-0.0106	-2.5 to 2.5	Pass
				50	3.3	-1.0987	-0.0015	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.135	-2.6700	-0.0038	-2.5 to 2.5	Pass
					3.3	4.6000	0.0065	-2.5 to 2.5	Pass
					3.635	-0.4400	-0.0006	-2.5 to 2.5	Pass
				-30	3.3	6.7283	0.0096	-2.5 to 2.5	Pass
				-20	3.3	-9.6541	-0.0137	-2.5 to 2.5	Pass
				-10	3.3	-2.5052	-0.0036	-2.5 to 2.5	Pass
				0	3.3	-3.4487	-0.0049	-2.5 to 2.5	Pass
				10	3.3	-9.3329	-0.0133	-2.5 to 2.5	Pass
				30	3.3	-4.3533	-0.0062	-2.5 to 2.5	Pass
				40	3.3	-5.3722	-0.0076	-2.5 to 2.5	Pass
				50	3.3	9.4396	0.0134	-2.5 to 2.5	Pass
	Middle	5	0	20	3.135	-2.7158	-0.0038	-2.5 to 2.5	Pass
					3.3	-3.2323	-0.0046	-2.5 to 2.5	Pass
					3.635	-3.7696	-0.0053	-2.5 to 2.5	Pass
				-30	3.3	-9.3170	-0.0132	-2.5 to 2.5	Pass
				-20	3.3	0.2411	0.0003	-2.5 to 2.5	Pass
				-10	3.3	-1.6909	-0.0024	-2.5 to 2.5	Pass
				0	3.3	-0.6625	-0.0009	-2.5 to 2.5	Pass
				10	3.3	5.4447	0.0077	-2.5 to 2.5	Pass
				30	3.3	-4.1000	-0.0058	-2.5 to 2.5	Pass
				40	3.3	5.8920	0.0083	-2.5 to 2.5	Pass

				50	3.3	-7.8890	-0.0112	-2.5 to 2.5	Pass
	High	5	0	20	3.135	9.5354	0.0134	-2.5 to 2.5	Pass
					3.3	-1.0846	-0.0015	-2.5 to 2.5	Pass
					3.635	6.5448	0.0092	-2.5 to 2.5	Pass
					-30	3.3	-7.9462	-0.0112	-2.5 to 2.5
				-20	3.3	-0.8921	-0.0013	-2.5 to 2.5	Pass
				-10	3.3	-8.2957	-0.0117	-2.5 to 2.5	Pass
				0	3.3	-4.3649	-0.0061	-2.5 to 2.5	Pass
				10	3.3	-4.6260	-0.0065	-2.5 to 2.5	Pass
				30	3.3	-5.5917	-0.0079	-2.5 to 2.5	Pass
				40	3.3	-7.5662	-0.0106	-2.5 to 2.5	Pass
				50	3.3	-1.0987	-0.0015	-2.5 to 2.5	Pass