

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	3.20	0.542	0.0003	-2.5 to 2.5	Pass
					3.70	3.692	0.002	-2.5 to 2.5	Pass
					4.20	-0.391	-0.0002	-2.5 to 2.5	Pass
				-30	3.70	4.871	0.0026	-2.5 to 2.5	Pass
				-20	3.70	-2.768	-0.0015	-2.5 to 2.5	Pass
				-10	3.70	3.432	0.0018	-2.5 to 2.5	Pass
				0	3.70	2.258	0.0012	-2.5 to 2.5	Pass
				10	3.70	-0.461	-0.0002	-2.5 to 2.5	Pass
				30	3.70	-3.104	-0.0017	-2.5 to 2.5	Pass
				40	3.70	3.649	0.002	-2.5 to 2.5	Pass
				50	3.70	1.475	0.0008	-2.5 to 2.5	Pass
	Middle	6	0	20	3.20	1.347	0.0007	-2.5 to 2.5	Pass
					3.70	-4.085	-0.0022	-2.5 to 2.5	Pass
					4.20	-1.716	-0.0009	-2.5 to 2.5	Pass
				-30	3.70	2.761	0.0015	-2.5 to 2.5	Pass
				-20	3.70	-4.284	-0.0023	-2.5 to 2.5	Pass
				-10	3.70	0.028	0	-2.5 to 2.5	Pass
				0	3.70	-0.698	-0.0004	-2.5 to 2.5	Pass
				10	3.70	4.182	0.0022	-2.5 to 2.5	Pass
				30	3.70	-4.372	-0.0023	-2.5 to 2.5	Pass
				40	3.70	0.226	0.0001	-2.5 to 2.5	Pass
				50	3.70	3.845	0.002	-2.5 to 2.5	Pass
	High	6	0	20	3.20	-4.089	-0.0022	-2.5 to 2.5	Pass
					3.70	0.792	0.0004	-2.5 to 2.5	Pass
					4.20	-2.193	-0.0012	-2.5 to 2.5	Pass
				-30	3.70	2.486	0.0013	-2.5 to 2.5	Pass
				-20	3.70	4.459	0.0023	-2.5 to 2.5	Pass
				-10	3.70	4.709	0.0025	-2.5 to 2.5	Pass
				0	3.70	-2.000	-0.0011	-2.5 to 2.5	Pass
				10	3.70	-0.436	-0.0002	-2.5 to 2.5	Pass
				30	3.70	1.597	0.0008	-2.5 to 2.5	Pass
				40	3.70	4.267	0.0022	-2.5 to 2.5	Pass
				50	3.70	-3.254	-0.0017	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.20	-3.530	-0.0019	-2.5 to 2.5	Pass
					3.70	3.086	0.0017	-2.5 to 2.5	Pass
					4.20	-4.091	-0.0022	-2.5 to 2.5	Pass
				-30	3.70	-3.470	-0.0019	-2.5 to 2.5	Pass
				-20	3.70	0.377	0.0002	-2.5 to 2.5	Pass
				-10	3.70	1.398	0.0008	-2.5 to 2.5	Pass
				0	3.70	-1.565	-0.0008	-2.5 to 2.5	Pass
				10	3.70	-2.054	-0.0011	-2.5 to 2.5	Pass
				30	3.70	-0.912	-0.0005	-2.5 to 2.5	Pass
				40	3.70	-1.072	-0.0006	-2.5 to 2.5	Pass
				50	3.70	-2.189	-0.0012	-2.5 to 2.5	Pass
	Middle	5	0	20	3.20	-4.039	-0.0021	-2.5 to 2.5	Pass
					3.70	-2.187	-0.0012	-2.5 to 2.5	Pass
					4.20	-3.318	-0.0018	-2.5 to 2.5	Pass
				-30	3.70	-4.793	-0.0025	-2.5 to 2.5	Pass
				-20	3.70	-0.425	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	-1.603	-0.0009	-2.5 to 2.5	Pass
				0	3.70	-2.429	-0.0013	-2.5 to 2.5	Pass
				10	3.70	1.518	0.0008	-2.5 to 2.5	Pass
				30	3.70	1.135	0.0006	-2.5 to 2.5	Pass
				40	3.70	0.474	0.0003	-2.5 to 2.5	Pass

				50	3.70	3.148	0.0017	-2.5 to 2.5	Pass
	High	5	0	20	3.20	1.819	0.001	-2.5 to 2.5	Pass
					3.70	2.924	0.0015	-2.5 to 2.5	Pass
					4.20	-2.416	-0.0013	-2.5 to 2.5	Pass
					-30	3.70	1.476	0.0008	-2.5 to 2.5
				-20	3.70	2.500	0.0013	-2.5 to 2.5	Pass
				-10	3.70	-4.929	-0.0026	-2.5 to 2.5	Pass
				0	3.70	4.936	0.0026	-2.5 to 2.5	Pass
				10	3.70	-3.322	-0.0017	-2.5 to 2.5	Pass
				30	3.70	-1.588	-0.0008	-2.5 to 2.5	Pass
				40	3.70	-1.297	-0.0007	-2.5 to 2.5	Pass
				50	3.70	-1.659	-0.0009	-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	3.20	-3.9444	-0.0023	-2.5 to 2.5	Pass
					3.70	-3.4780	-0.002	-2.5 to 2.5	Pass
					4.20	5.0437	0.0029	-2.5 to 2.5	Pass
				-30	3.70	3.1261	0.0018	-2.5 to 2.5	Pass
				-20	3.70	-5.5504	-0.0032	-2.5 to 2.5	Pass
				-10	3.70	-6.3725	-0.0037	-2.5 to 2.5	Pass
				0	3.70	-6.7846	-0.0039	-2.5 to 2.5	Pass
				10	3.70	-4.6288	-0.0027	-2.5 to 2.5	Pass
				30	3.70	-1.6841	-0.001	-2.5 to 2.5	Pass
				40	3.70	4.1394	0.0024	-2.5 to 2.5	Pass
				50	3.70	1.9862	0.0012	-2.5 to 2.5	Pass
	Middle	6	0	20	3.20	-3.2682	-0.0019	-2.5 to 2.5	Pass
					3.70	6.3250	0.0037	-2.5 to 2.5	Pass
					4.20	-3.3513	-0.0019	-2.5 to 2.5	Pass
				-30	3.70	1.6685	0.001	-2.5 to 2.5	Pass
				-20	3.70	-0.1443	-0.0001	-2.5 to 2.5	Pass
				-10	3.70	2.5631	0.0015	-2.5 to 2.5	Pass
				0	3.70	6.3473	0.0037	-2.5 to 2.5	Pass
				10	3.70	1.3909	0.0008	-2.5 to 2.5	Pass
				30	3.70	4.9125	0.0028	-2.5 to 2.5	Pass
				40	3.70	6.1122	0.0035	-2.5 to 2.5	Pass
				50	3.70	4.9905	0.0029	-2.5 to 2.5	Pass
	High	6	0	20	3.20	4.4815	0.0026	-2.5 to 2.5	Pass
					3.70	5.8823	0.0034	-2.5 to 2.5	Pass
					4.20	4.3120	0.0025	-2.5 to 2.5	Pass
				-30	3.70	-5.0596	-0.0029	-2.5 to 2.5	Pass
				-20	3.70	-0.2438	-0.0001	-2.5 to 2.5	Pass
				-10	3.70	5.6318	0.0032	-2.5 to 2.5	Pass
				0	3.70	-6.5054	-0.0037	-2.5 to 2.5	Pass
				10	3.70	4.4396	0.0025	-2.5 to 2.5	Pass
				30	3.70	-1.0445	-0.0006	-2.5 to 2.5	Pass
				40	3.70	-6.0868	-0.0035	-2.5 to 2.5	Pass
				50	3.70	2.2072	0.0013	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.20	5.6783	0.0033	-2.5 to 2.5	Pass
					3.70	-2.6103	-0.0015	-2.5 to 2.5	Pass
					4.20	4.5086	0.0026	-2.5 to 2.5	Pass
				-30	3.70	4.0524	0.0024	-2.5 to 2.5	Pass
				-20	3.70	4.6782	0.0027	-2.5 to 2.5	Pass
				-10	3.70	-2.7423	-0.0016	-2.5 to 2.5	Pass
				0	3.70	-0.4961	-0.0003	-2.5 to 2.5	Pass
				10	3.70	-1.2526	-0.0007	-2.5 to 2.5	Pass
				30	3.70	4.9616	0.0029	-2.5 to 2.5	Pass
				40	3.70	-1.5288	-0.0009	-2.5 to 2.5	Pass
				50	3.70	2.3232	0.0014	-2.5 to 2.5	Pass
	Middle	5	0	20	3.20	2.4491	0.0014	-2.5 to 2.5	Pass
					3.70	2.7305	0.0016	-2.5 to 2.5	Pass
					4.20	0.0738	0	-2.5 to 2.5	Pass
				-30	3.70	6.9149	0.004	-2.5 to 2.5	Pass
				-20	3.70	-3.2701	-0.0019	-2.5 to 2.5	Pass
				-10	3.70	0.7366	0.0004	-2.5 to 2.5	Pass
				0	3.70	3.5949	0.0021	-2.5 to 2.5	Pass
				10	3.70	6.5595	0.0038	-2.5 to 2.5	Pass
				30	3.70	-3.8512	-0.0022	-2.5 to 2.5	Pass
				40	3.70	2.7505	0.0016	-2.5 to 2.5	Pass

				50	3.70	4.9196	0.0028	-2.5 to 2.5	Pass
	High	5	0	20	3.20	6.8962	0.004	-2.5 to 2.5	Pass
					3.70	1.6761	0.001	-2.5 to 2.5	Pass
					4.20	-4.9437	-0.0028	-2.5 to 2.5	Pass
					-30	3.70	3.9590	0.0023	-2.5 to 2.5
				-20	3.70	-6.3044	-0.0036	-2.5 to 2.5	Pass
				-10	3.70	6.7433	0.0039	-2.5 to 2.5	Pass
				0	3.70	2.5068	0.0014	-2.5 to 2.5	Pass
				10	3.70	-1.6897	-0.001	-2.5 to 2.5	Pass
				30	3.70	5.9139	0.0034	-2.5 to 2.5	Pass
				40	3.70	-1.3365	-0.0008	-2.5 to 2.5	Pass
				50	3.70	2.4217	0.0014	-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	3.20	1.9635	0.0024	-2.5 to 2.5	Pass
					3.70	-3.7217	-0.0045	-2.5 to 2.5	Pass
					4.20	-1.7663	-0.0021	-2.5 to 2.5	Pass
				-30	3.70	-5.6290	-0.0068	-2.5 to 2.5	Pass
				-20	3.70	5.4803	0.0066	-2.5 to 2.5	Pass
				-10	3.70	1.2257	0.0015	-2.5 to 2.5	Pass
				0	3.70	-2.4823	-0.003	-2.5 to 2.5	Pass
				10	3.70	6.4745	0.0078	-2.5 to 2.5	Pass
				30	3.70	1.6533	0.002	-2.5 to 2.5	Pass
				40	3.70	-0.1455	-0.0002	-2.5 to 2.5	Pass
				50	3.70	5.2343	0.0063	-2.5 to 2.5	Pass
	Middle	6	0	20	3.20	3.5050	0.0042	-2.5 to 2.5	Pass
					3.70	6.5068	0.0078	-2.5 to 2.5	Pass
					4.20	-5.5121	-0.0066	-2.5 to 2.5	Pass
				-30	3.70	-3.7121	-0.0044	-2.5 to 2.5	Pass
				-20	3.70	4.9691	0.0059	-2.5 to 2.5	Pass
				-10	3.70	6.8170	0.0081	-2.5 to 2.5	Pass
				0	3.70	-4.5874	-0.0055	-2.5 to 2.5	Pass
				10	3.70	-4.9916	-0.006	-2.5 to 2.5	Pass
				30	3.70	-5.1629	-0.0062	-2.5 to 2.5	Pass
				40	3.70	6.1931	0.0074	-2.5 to 2.5	Pass
				50	3.70	-1.7201	-0.0021	-2.5 to 2.5	Pass
	High	6	0	20	3.20	4.1215	0.0049	-2.5 to 2.5	Pass
					3.70	-6.4399	-0.0076	-2.5 to 2.5	Pass
					4.20	0.7739	0.0009	-2.5 to 2.5	Pass
				-30	3.70	-6.4436	-0.0076	-2.5 to 2.5	Pass
				-20	3.70	-2.2881	-0.0027	-2.5 to 2.5	Pass
				-10	3.70	6.3290	0.0075	-2.5 to 2.5	Pass
				0	3.70	1.1579	0.0014	-2.5 to 2.5	Pass
				10	3.70	-5.9529	-0.0071	-2.5 to 2.5	Pass
				30	3.70	-0.2724	-0.0003	-2.5 to 2.5	Pass
				40	3.70	4.6473	0.0055	-2.5 to 2.5	Pass
				50	3.70	6.5600	0.0078	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.20	-4.1381	-0.005	-2.5 to 2.5	Pass
					3.70	6.4494	0.0078	-2.5 to 2.5	Pass
					4.20	2.2184	0.0027	-2.5 to 2.5	Pass
				-30	3.70	-3.2206	-0.0039	-2.5 to 2.5	Pass
				-20	3.70	-4.7751	-0.0058	-2.5 to 2.5	Pass
				-10	3.70	6.0109	0.0073	-2.5 to 2.5	Pass
				0	3.70	-6.8243	-0.0082	-2.5 to 2.5	Pass
				10	3.70	-4.5721	-0.0055	-2.5 to 2.5	Pass
				30	3.70	-3.2011	-0.0039	-2.5 to 2.5	Pass
				40	3.70	5.4486	0.0066	-2.5 to 2.5	Pass
				50	3.70	6.0274	0.0073	-2.5 to 2.5	Pass
	Middle	5	0	20	3.20	3.7133	0.0044	-2.5 to 2.5	Pass
					3.70	4.6004	0.0055	-2.5 to 2.5	Pass
					4.20	-5.6101	-0.0067	-2.5 to 2.5	Pass
				-30	3.70	-0.6675	-0.0008	-2.5 to 2.5	Pass
				-20	3.70	6.9004	0.0082	-2.5 to 2.5	Pass
				-10	3.70	-4.2688	-0.0051	-2.5 to 2.5	Pass
				0	3.70	-4.9875	-0.006	-2.5 to 2.5	Pass
				10	3.70	6.9306	0.0083	-2.5 to 2.5	Pass
				30	3.70	5.0527	0.006	-2.5 to 2.5	Pass
				40	3.70	-1.6688	-0.002	-2.5 to 2.5	Pass

				50	3.70	-3.1605	-0.0038	-2.5 to 2.5	Pass
	High	5	0	20	3.20	2.6349	0.0031	-2.5 to 2.5	Pass
					3.70	4.5892	0.0054	-2.5 to 2.5	Pass
					4.20	2.7685	0.0033	-2.5 to 2.5	Pass
					-30	3.70	3.5592	0.0042	-2.5 to 2.5
				-20	3.70	-4.7764	-0.0057	-2.5 to 2.5	Pass
				-10	3.70	3.5692	0.0042	-2.5 to 2.5	Pass
				0	3.70	1.7055	0.002	-2.5 to 2.5	Pass
				10	3.70	0.3969	0.0005	-2.5 to 2.5	Pass
				30	3.70	6.9056	0.0082	-2.5 to 2.5	Pass
				40	3.70	4.0208	0.0048	-2.5 to 2.5	Pass
				50	3.70	-4.0982	-0.0049	-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	3.20	-5.3489	-0.0076	-2.5 to 2.5	Pass
					3.70	6.2828	0.0089	-2.5 to 2.5	Pass
					4.20	2.3913	0.0034	-2.5 to 2.5	Pass
				-30	3.70	1.8877	0.0027	-2.5 to 2.5	Pass
				-20	3.70	6.0125	0.0085	-2.5 to 2.5	Pass
				-10	3.70	-5.2263	-0.0074	-2.5 to 2.5	Pass
				0	3.70	-2.0275	-0.0029	-2.5 to 2.5	Pass
				10	3.70	0.5779	0.0008	-2.5 to 2.5	Pass
				30	3.70	-4.5829	-0.0065	-2.5 to 2.5	Pass
				40	3.70	-1.8936	-0.0027	-2.5 to 2.5	Pass
				50	3.70	2.1179	0.003	-2.5 to 2.5	Pass
	Middle	6	0	20	3.20	4.8102	0.0068	-2.5 to 2.5	Pass
					3.70	-6.7983	-0.0096	-2.5 to 2.5	Pass
					4.20	4.6322	0.0065	-2.5 to 2.5	Pass
				-30	3.70	-1.5593	-0.0022	-2.5 to 2.5	Pass
				-20	3.70	3.5441	0.005	-2.5 to 2.5	Pass
				-10	3.70	0.2928	0.0004	-2.5 to 2.5	Pass
				0	3.70	-5.4982	-0.0078	-2.5 to 2.5	Pass
				10	3.70	-4.0647	-0.0057	-2.5 to 2.5	Pass
				30	3.70	-1.3750	-0.0019	-2.5 to 2.5	Pass
				40	3.70	-0.3820	-0.0005	-2.5 to 2.5	Pass
				50	3.70	-5.4585	-0.0077	-2.5 to 2.5	Pass
	High	6	0	20	3.20	-4.8307	-0.0068	-2.5 to 2.5	Pass
					3.70	-1.5681	-0.0022	-2.5 to 2.5	Pass
					4.20	2.7819	0.0039	-2.5 to 2.5	Pass
				-30	3.70	-5.9860	-0.0084	-2.5 to 2.5	Pass
				-20	3.70	-2.1787	-0.0031	-2.5 to 2.5	Pass
				-10	3.70	3.2014	0.0045	-2.5 to 2.5	Pass
				0	3.70	-0.3132	-0.0004	-2.5 to 2.5	Pass
				10	3.70	-1.8169	-0.0026	-2.5 to 2.5	Pass
				30	3.70	2.9060	0.0041	-2.5 to 2.5	Pass
				40	3.70	-1.1048	-0.0016	-2.5 to 2.5	Pass
				50	3.70	-0.4284	-0.0006	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.20	-3.4759	-0.0049	-2.5 to 2.5	Pass
					3.70	4.7459	0.0067	-2.5 to 2.5	Pass
					4.20	2.5499	0.0036	-2.5 to 2.5	Pass
				-30	3.70	2.1577	0.0031	-2.5 to 2.5	Pass
				-20	3.70	-0.6715	-0.001	-2.5 to 2.5	Pass
				-10	3.70	-0.6667	-0.0009	-2.5 to 2.5	Pass
				0	3.70	1.4533	0.0021	-2.5 to 2.5	Pass
				10	3.70	-0.6795	-0.001	-2.5 to 2.5	Pass
				30	3.70	-5.4644	-0.0078	-2.5 to 2.5	Pass
				40	3.70	-4.3823	-0.0062	-2.5 to 2.5	Pass
				50	3.70	-5.6046	-0.008	-2.5 to 2.5	Pass
	Middle	5	0	20	3.20	-1.9060	-0.0027	-2.5 to 2.5	Pass
					3.70	-1.7028	-0.0024	-2.5 to 2.5	Pass
					4.20	-6.7466	-0.0095	-2.5 to 2.5	Pass
				-30	3.70	2.1516	0.003	-2.5 to 2.5	Pass
				-20	3.70	-0.3741	-0.0005	-2.5 to 2.5	Pass
				-10	3.70	-4.5206	-0.0064	-2.5 to 2.5	Pass
				0	3.70	-3.9380	-0.0056	-2.5 to 2.5	Pass
				10	3.70	3.2627	0.0046	-2.5 to 2.5	Pass
				30	3.70	-0.2246	-0.0003	-2.5 to 2.5	Pass
				40	3.70	-6.6722	-0.0094	-2.5 to 2.5	Pass

	High	5	0	50	3.70	1.2076	0.0017	-2.5 to 2.5	Pass
				20	3.20	-0.5463	-0.0008	-2.5 to 2.5	Pass
					3.70	2.9899	0.0042	-2.5 to 2.5	Pass
					4.20	-5.8147	-0.0082	-2.5 to 2.5	Pass
				-30	3.70	-0.0815	-0.0001	-2.5 to 2.5	Pass
				-20	3.70	1.0199	0.0014	-2.5 to 2.5	Pass
				-10	3.70	5.5700	0.0078	-2.5 to 2.5	Pass
				0	3.70	1.3098	0.0018	-2.5 to 2.5	Pass
				10	3.70	-6.0403	-0.0085	-2.5 to 2.5	Pass
				30	3.70	-2.3743	-0.0033	-2.5 to 2.5	Pass
				40	3.70	2.9421	0.0041	-2.5 to 2.5	Pass
				50	3.70	-3.0612	-0.0043	-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	3.20	3.4261	0.0044	-2.5 to 2.5	Pass
					3.70	-1.9326	-0.0025	-2.5 to 2.5	Pass
					4.20	3.2543	0.0042	-2.5 to 2.5	Pass
				-30	3.70	0.4398	0.0006	-2.5 to 2.5	Pass
				-20	3.70	-6.2125	-0.0079	-2.5 to 2.5	Pass
				-10	3.70	-4.7998	-0.0061	-2.5 to 2.5	Pass
				0	3.70	-5.5585	-0.0071	-2.5 to 2.5	Pass
				10	3.70	6.1251	0.0078	-2.5 to 2.5	Pass
				30	3.70	0.9735	0.0012	-2.5 to 2.5	Pass
				40	3.70	0.2977	0.0004	-2.5 to 2.5	Pass
				50	3.70	0.9632	0.0012	-2.5 to 2.5	Pass
16QAM	Middle	5	0	20	3.20	-2.6269	-0.0034	-2.5 to 2.5	Pass
					3.70	1.9670	0.0025	-2.5 to 2.5	Pass
					4.20	-1.8109	-0.0023	-2.5 to 2.5	Pass
				-30	3.70	-4.9060	-0.0063	-2.5 to 2.5	Pass
				-20	3.70	-4.6307	-0.0059	-2.5 to 2.5	Pass
				-10	3.70	1.7788	0.0023	-2.5 to 2.5	Pass
				0	3.70	-2.6749	-0.0034	-2.5 to 2.5	Pass
				10	3.70	-6.1126	-0.0078	-2.5 to 2.5	Pass
				30	3.70	-0.3635	-0.0005	-2.5 to 2.5	Pass
				40	3.70	2.5177	0.0032	-2.5 to 2.5	Pass
				50	3.70	-6.7033	-0.0086	-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	3.20	-2.4582	-0.0031	-2.5 to 2.5	Pass
					3.70	-6.7178	-0.0085	-2.5 to 2.5	Pass
					4.20	4.1043	0.0052	-2.5 to 2.5	Pass
				-30	3.70	2.7641	0.0035	-2.5 to 2.5	Pass
				-20	3.70	3.4073	0.0043	-2.5 to 2.5	Pass
				-10	3.70	5.1960	0.0066	-2.5 to 2.5	Pass
				0	3.70	-2.5518	-0.0032	-2.5 to 2.5	Pass
				10	3.70	6.6629	0.0084	-2.5 to 2.5	Pass
				30	3.70	2.2143	0.0028	-2.5 to 2.5	Pass
				40	3.70	-3.9383	-0.005	-2.5 to 2.5	Pass
				50	3.70	-4.6246	-0.0058	-2.5 to 2.5	Pass
16QAM	Middle	5	0	20	3.20	0.6290	0.0008	-2.5 to 2.5	Pass
					3.70	-0.0822	-0.0001	-2.5 to 2.5	Pass
					4.20	-2.1667	-0.0027	-2.5 to 2.5	Pass
				-30	3.70	6.7645	0.0085	-2.5 to 2.5	Pass
				-20	3.70	1.5995	0.002	-2.5 to 2.5	Pass
				-10	3.70	-6.5234	-0.0082	-2.5 to 2.5	Pass
				0	3.70	-1.7439	-0.0022	-2.5 to 2.5	Pass
				10	3.70	3.5535	0.0045	-2.5 to 2.5	Pass
				30	3.70	-4.8068	-0.0061	-2.5 to 2.5	Pass
				40	3.70	2.4660	0.0031	-2.5 to 2.5	Pass
				50	3.70	3.6407	0.0046	-2.5 to 2.5	Pass

Band: 19 / Bandwidth: 15MHz									
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	3.20	3.7022	0.0044	-2.5 to 2.5	Pass
					3.70	-6.4941	-0.0078	-2.5 to 2.5	Pass
					4.20	1.2764	0.0015	-2.5 to 2.5	Pass
				-30	3.70	3.3198	0.004	-2.5 to 2.5	Pass
				-20	3.70	1.5906	0.0019	-2.5 to 2.5	Pass
				-10	3.70	-3.2792	-0.0039	-2.5 to 2.5	Pass
				0	3.70	1.9933	0.0024	-2.5 to 2.5	Pass
				10	3.70	-3.1651	-0.0038	-2.5 to 2.5	Pass
				30	3.70	-0.8554	-0.001	-2.5 to 2.5	Pass
				40	3.70	-5.0168	-0.006	-2.5 to 2.5	Pass
				50	3.70	1.6803	0.002	-2.5 to 2.5	Pass
				50	3.70	-2.0025	-0.0024	-2.5 to 2.5	Pass
16QAM	Middle	5	0	20	3.20	-6.9458	-0.0083	-2.5 to 2.5	Pass
					3.70	1.9507	0.0023	-2.5 to 2.5	Pass
					4.20	-1.0213	-0.0012	-2.5 to 2.5	Pass
				-30	3.70	-2.1053	-0.0025	-2.5 to 2.5	Pass
				-20	3.70	6.5656	0.0078	-2.5 to 2.5	Pass
				-10	3.70	3.0193	0.0036	-2.5 to 2.5	Pass
				0	3.70	4.3174	0.0052	-2.5 to 2.5	Pass
				10	3.70	-6.8269	-0.0082	-2.5 to 2.5	Pass
				30	3.70	-3.1829	-0.0038	-2.5 to 2.5	Pass
				40	3.70	-3.5917	-0.0043	-2.5 to 2.5	Pass
				50	3.70	3.7022	0.0044	-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	3.20	-3.1937	-0.0017	-2.5 to 2.5	Pass
					3.70	-1.1017	-0.0006	-2.5 to 2.5	Pass
					4.20	-6.0192	-0.0032	-2.5 to 2.5	Pass
				-30	3.70	-4.5521	-0.0024	-2.5 to 2.5	Pass
				-20	3.70	1.6136	0.0009	-2.5 to 2.5	Pass
				-10	3.70	-2.1537	-0.0012	-2.5 to 2.5	Pass
				0	3.70	-2.7850	-0.0015	-2.5 to 2.5	Pass
				10	3.70	0.7895	0.0004	-2.5 to 2.5	Pass
				30	3.70	-6.6500	-0.0036	-2.5 to 2.5	Pass
				40	3.70	-5.4089	-0.0029	-2.5 to 2.5	Pass
				50	3.70	-4.3116	-0.0023	-2.5 to 2.5	Pass
	Middle	6	0	20	3.20	2.0599	0.0011	-2.5 to 2.5	Pass
					3.70	6.7815	0.0036	-2.5 to 2.5	Pass
					4.20	-1.5270	-0.0008	-2.5 to 2.5	Pass
				-30	3.70	-3.2433	-0.0017	-2.5 to 2.5	Pass
				-20	3.70	-4.2922	-0.0023	-2.5 to 2.5	Pass
				-10	3.70	-3.1436	-0.0017	-2.5 to 2.5	Pass
				0	3.70	-5.9324	-0.0032	-2.5 to 2.5	Pass
				10	3.70	6.3110	0.0034	-2.5 to 2.5	Pass
				30	3.70	6.3016	0.0033	-2.5 to 2.5	Pass
				40	3.70	-6.0630	-0.0032	-2.5 to 2.5	Pass
				50	3.70	1.1100	0.0006	-2.5 to 2.5	Pass
	High	6	0	20	3.20	-1.5080	-0.0008	-2.5 to 2.5	Pass
					3.70	1.3725	0.0007	-2.5 to 2.5	Pass
					4.20	2.1538	0.0011	-2.5 to 2.5	Pass
				-30	3.70	-3.8495	-0.002	-2.5 to 2.5	Pass
				-20	3.70	0.4769	0.0003	-2.5 to 2.5	Pass
				-10	3.70	6.4540	0.0034	-2.5 to 2.5	Pass
				0	3.70	0.3803	0.0002	-2.5 to 2.5	Pass
				10	3.70	-2.8785	-0.0015	-2.5 to 2.5	Pass
				30	3.70	-6.9696	-0.0037	-2.5 to 2.5	Pass
				40	3.70	3.1897	0.0017	-2.5 to 2.5	Pass
				50	3.70	-6.2936	-0.0033	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.20	1.0979	0.0006	-2.5 to 2.5	Pass
					3.70	-2.6549	-0.0014	-2.5 to 2.5	Pass
					4.20	0.5190	0.0003	-2.5 to 2.5	Pass
				-30	3.70	5.9989	0.0032	-2.5 to 2.5	Pass
				-20	3.70	-4.7152	-0.0025	-2.5 to 2.5	Pass
				-10	3.70	3.1820	0.0017	-2.5 to 2.5	Pass
				0	3.70	-6.2002	-0.0033	-2.5 to 2.5	Pass
				10	3.70	2.1577	0.0012	-2.5 to 2.5	Pass
				30	3.70	-1.1326	-0.0006	-2.5 to 2.5	Pass
				40	3.70	-3.2292	-0.0017	-2.5 to 2.5	Pass
				50	3.70	-1.3889	-0.0007	-2.5 to 2.5	Pass
	Middle	5	0	20	3.20	0.5735	0.0003	-2.5 to 2.5	Pass
					3.70	-4.0935	-0.0022	-2.5 to 2.5	Pass
					4.20	-2.3579	-0.0013	-2.5 to 2.5	Pass
				-30	3.70	-1.8395	-0.001	-2.5 to 2.5	Pass
				-20	3.70	1.0026	0.0005	-2.5 to 2.5	Pass
				-10	3.70	-6.3069	-0.0034	-2.5 to 2.5	Pass
				0	3.70	0.1613	0.0001	-2.5 to 2.5	Pass
				10	3.70	-3.6791	-0.002	-2.5 to 2.5	Pass
				30	3.70	4.4683	0.0024	-2.5 to 2.5	Pass
				40	3.70	1.6314	0.0009	-2.5 to 2.5	Pass
				50	3.70	2.6705	0.0014	-2.5 to 2.5	Pass
	High	5	0	20	3.20	3.3079	0.0017	-2.5 to 2.5	Pass

					3.70	-1.1766	-0.0006	-2.5 to 2.5	Pass
					4.20	4.4129	0.0023	-2.5 to 2.5	Pass
				-30	3.70	1.7281	0.0009	-2.5 to 2.5	Pass
				-20	3.70	6.7123	0.0035	-2.5 to 2.5	Pass
				-10	3.70	0.3561	0.0002	-2.5 to 2.5	Pass
				0	3.70	-6.9144	-0.0036	-2.5 to 2.5	Pass
				10	3.70	0.3312	0.0002	-2.5 to 2.5	Pass
				30	3.70	5.8582	0.0031	-2.5 to 2.5	Pass
				40	3.70	2.7290	0.0014	-2.5 to 2.5	Pass
				50	3.70	6.1289	0.0032	-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	3.20	1.5547	0.0019	-2.5 to 2.5	Pass
					3.70	-2.8935	-0.0035	-2.5 to 2.5	Pass
					4.20	6.1155	0.0075	-2.5 to 2.5	Pass
				-30	3.70	3.7011	0.0045	-2.5 to 2.5	Pass
				-20	3.70	-1.5095	-0.0018	-2.5 to 2.5	Pass
				-10	3.70	-4.1062	-0.005	-2.5 to 2.5	Pass
				0	3.70	-3.5192	-0.0043	-2.5 to 2.5	Pass
				10	3.70	1.7061	0.0021	-2.5 to 2.5	Pass
				30	3.70	5.0714	0.0062	-2.5 to 2.5	Pass
				40	3.70	6.4782	0.0079	-2.5 to 2.5	Pass
				50	3.70	6.0798	0.0074	-2.5 to 2.5	Pass
16QAM	Middle	5	0	20	3.20	1.5547	0.0019	-2.5 to 2.5	Pass
					3.70	-2.8935	-0.0035	-2.5 to 2.5	Pass
					4.20	6.1155	0.0075	-2.5 to 2.5	Pass
				-30	3.70	3.7011	0.0045	-2.5 to 2.5	Pass
				-20	3.70	-1.5095	-0.0018	-2.5 to 2.5	Pass
				-10	3.70	-4.1062	-0.005	-2.5 to 2.5	Pass
				0	3.70	-3.5192	-0.0043	-2.5 to 2.5	Pass
				10	3.70	1.7061	0.0021	-2.5 to 2.5	Pass
				30	3.70	5.0714	0.0062	-2.5 to 2.5	Pass
				40	3.70	6.4782	0.0079	-2.5 to 2.5	Pass
				50	3.70	6.0798	0.0074	-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	3.20	9.1622	0.0112	-2.5 to 2.5	Pass
					3.70	-7.6022	-0.0093	-2.5 to 2.5	Pass
					4.20	0.5206	0.0006	-2.5 to 2.5	Pass
				-30	3.70	-0.9634	-0.0012	-2.5 to 2.5	Pass
				-20	3.70	-2.9783	-0.0036	-2.5 to 2.5	Pass
				-10	3.70	5.3997	0.0066	-2.5 to 2.5	Pass
				0	3.70	-9.8251	-0.012	-2.5 to 2.5	Pass
				10	3.70	-0.9775	-0.0012	-2.5 to 2.5	Pass
				30	3.70	-9.1851	-0.0112	-2.5 to 2.5	Pass
				40	3.70	-9.8254	-0.012	-2.5 to 2.5	Pass
				50	3.70	-1.5512	-0.0019	-2.5 to 2.5	Pass
	Middle	6	0	20	3.20	0.7745	0.0009	-2.5 to 2.5	Pass
					3.70	-4.2552	-0.0051	-2.5 to 2.5	Pass
					4.20	8.0469	0.0097	-2.5 to 2.5	Pass
				-30	3.70	3.9188	0.0047	-2.5 to 2.5	Pass
				-20	3.70	-0.1133	-0.0001	-2.5 to 2.5	Pass
				-10	3.70	-0.0637	-0.0001	-2.5 to 2.5	Pass
				0	3.70	8.1668	0.0098	-2.5 to 2.5	Pass
				10	3.70	7.0080	0.0084	-2.5 to 2.5	Pass
				30	3.70	6.0727	0.0073	-2.5 to 2.5	Pass
				40	3.70	3.5617	0.0043	-2.5 to 2.5	Pass
				50	3.70	-9.8723	-0.0119	-2.5 to 2.5	Pass
	High	6	0	20	3.20	-6.4298	-0.0076	-2.5 to 2.5	Pass
					3.70	3.1956	0.0038	-2.5 to 2.5	Pass
					4.20	-5.0935	-0.0061	-2.5 to 2.5	Pass
				-30	3.70	-7.1661	-0.0085	-2.5 to 2.5	Pass

16QAM				-20	3.70	1.1416	0.0014	-2.5 to 2.5	Pass
				-10	3.70	-6.8991	-0.0082	-2.5 to 2.5	Pass
				0	3.70	-2.6308	-0.0031	-2.5 to 2.5	Pass
				10	3.70	7.8848	0.0094	-2.5 to 2.5	Pass
				30	3.70	-0.2998	-0.0004	-2.5 to 2.5	Pass
				40	3.70	-7.9327	-0.0094	-2.5 to 2.5	Pass
				50	3.70	9.4684	0.0113	-2.5 to 2.5	Pass
	Low	5	0	20	3.20	-3.9589	-0.0048	-2.5 to 2.5	Pass
					3.70	1.1767	0.0014	-2.5 to 2.5	Pass
					4.20	-6.5543	-0.008	-2.5 to 2.5	Pass
				-30	3.70	-2.8316	-0.0034	-2.5 to 2.5	Pass
				-20	3.70	-4.8293	-0.0059	-2.5 to 2.5	Pass
				-10	3.70	-8.8217	-0.0107	-2.5 to 2.5	Pass
				0	3.70	-7.7203	-0.0094	-2.5 to 2.5	Pass
				10	3.70	7.7932	0.0095	-2.5 to 2.5	Pass
				30	3.70	2.5956	0.0032	-2.5 to 2.5	Pass
				40	3.70	-0.7673	-0.0009	-2.5 to 2.5	Pass
				50	3.70	2.4510	0.003	-2.5 to 2.5	Pass
	Middle	5	0	20	3.20	4.0888	0.0049	-2.5 to 2.5	Pass
					3.70	-6.6205	-0.008	-2.5 to 2.5	Pass
					4.20	-8.3605	-0.0101	-2.5 to 2.5	Pass
				-30	3.70	-3.8902	-0.0047	-2.5 to 2.5	Pass
				-20	3.70	9.3715	0.0113	-2.5 to 2.5	Pass
				-10	3.70	3.1394	0.0038	-2.5 to 2.5	Pass
				0	3.70	-5.2853	-0.0064	-2.5 to 2.5	Pass
				10	3.70	-7.3757	-0.0089	-2.5 to 2.5	Pass
				30	3.70	-2.5007	-0.003	-2.5 to 2.5	Pass
				40	3.70	-4.9734	-0.006	-2.5 to 2.5	Pass
				50	3.70	0.7539	0.0009	-2.5 to 2.5	Pass
	High	5	0	20	3.20	1.4861	0.0018	-2.5 to 2.5	Pass
					3.70	6.7907	0.0081	-2.5 to 2.5	Pass
					4.20	1.9744	0.0023	-2.5 to 2.5	Pass
				-30	3.70	-3.9549	-0.0047	-2.5 to 2.5	Pass
				-20	3.70	0.5841	0.0007	-2.5 to 2.5	Pass
				-10	3.70	7.0126	0.0083	-2.5 to 2.5	Pass
				0	3.70	-0.4267	-0.0005	-2.5 to 2.5	Pass
				10	3.70	-3.9174	-0.0047	-2.5 to 2.5	Pass
				30	3.70	5.9230	0.007	-2.5 to 2.5	Pass
				40	3.70	-9.2010	-0.0109	-2.5 to 2.5	Pass
				50	3.70	-5.9400	-0.0071	-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	3.20	6.4804	0.0038	-2.5 to 2.5	Pass
					3.70	9.9207	0.0058	-2.5 to 2.5	Pass
					4.20	9.9852	0.0058	-2.5 to 2.5	Pass
				-30	3.70	7.7513	0.0045	-2.5 to 2.5	Pass
				-20	3.70	8.7897	0.0051	-2.5 to 2.5	Pass
				-10	3.70	2.2839	0.0013	-2.5 to 2.5	Pass
				0	3.70	8.9359	0.0052	-2.5 to 2.5	Pass
				10	3.70	-6.2527	-0.0036	-2.5 to 2.5	Pass
				30	3.70	-0.7775	-0.0005	-2.5 to 2.5	Pass
				40	3.70	-9.5997	-0.0056	-2.5 to 2.5	Pass
				50	3.70	6.3586	0.0037	-2.5 to 2.5	Pass
	Middle	6	0	20	3.20	-8.3404	-0.0048	-2.5 to 2.5	Pass
					3.70	-3.3361	-0.0019	-2.5 to 2.5	Pass
					4.20	9.1859	0.0053	-2.5 to 2.5	Pass
				-30	3.70	8.2443	0.0047	-2.5 to 2.5	Pass
				-20	3.70	-7.7619	-0.0044	-2.5 to 2.5	Pass
				-10	3.70	-2.5863	-0.0015	-2.5 to 2.5	Pass
				0	3.70	1.8631	0.0011	-2.5 to 2.5	Pass
				10	3.70	4.5723	0.0026	-2.5 to 2.5	Pass
				30	3.70	-7.0704	-0.0041	-2.5 to 2.5	Pass
				40	3.70	8.6371	0.0049	-2.5 to 2.5	Pass
				50	3.70	1.7025	0.001	-2.5 to 2.5	Pass
	High	6	0	20	3.20	-2.6821	-0.0015	-2.5 to 2.5	Pass
					3.70	8.1291	0.0046	-2.5 to 2.5	Pass
					4.20	5.7149	0.0032	-2.5 to 2.5	Pass
				-30	3.70	-1.9992	-0.0011	-2.5 to 2.5	Pass
				-20	3.70	-2.6511	-0.0015	-2.5 to 2.5	Pass
				-10	3.70	-2.9596	-0.0017	-2.5 to 2.5	Pass
				0	3.70	-5.6545	-0.0032	-2.5 to 2.5	Pass
				10	3.70	2.6235	0.0015	-2.5 to 2.5	Pass
				30	3.70	1.5386	0.0009	-2.5 to 2.5	Pass
				40	3.70	2.7494	0.0016	-2.5 to 2.5	Pass
				50	3.70	0.7451	0.0004	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.20	7.8618	0.0046	-2.5 to 2.5	Pass
					3.70	-1.3918	-0.0008	-2.5 to 2.5	Pass
					4.20	8.7651	0.0051	-2.5 to 2.5	Pass
				-30	3.70	3.0628	0.0018	-2.5 to 2.5	Pass
				-20	3.70	-4.0806	-0.0024	-2.5 to 2.5	Pass
				-10	3.70	2.5209	0.0015	-2.5 to 2.5	Pass
				0	3.70	-1.9803	-0.0012	-2.5 to 2.5	Pass
				10	3.70	2.3312	0.0014	-2.5 to 2.5	Pass
				30	3.70	1.3047	0.0008	-2.5 to 2.5	Pass
				40	3.70	7.1751	0.0042	-2.5 to 2.5	Pass
				50	3.70	-2.4916	-0.0014	-2.5 to 2.5	Pass
	Middle	5	0	20	3.20	3.0916	0.0018	-2.5 to 2.5	Pass
					3.70	8.6653	0.005	-2.5 to 2.5	Pass
					4.20	-1.9272	-0.0011	-2.5 to 2.5	Pass
				-30	3.70	-8.6935	-0.005	-2.5 to 2.5	Pass
				-20	3.70	-0.0211	0	-2.5 to 2.5	Pass
				-10	3.70	-6.2085	-0.0036	-2.5 to 2.5	Pass
				0	3.70	-6.5496	-0.0038	-2.5 to 2.5	Pass
				10	3.70	1.4389	0.0008	-2.5 to 2.5	Pass
				30	3.70	-7.2291	-0.0041	-2.5 to 2.5	Pass
				40	3.70	-1.7281	-0.001	-2.5 to 2.5	Pass

				50	3.70	1.3078	0.0007	-2.5 to 2.5	Pass
	High	5	0	20	3.20	-4.2736	-0.0024	-2.5 to 2.5	Pass
					3.70	-9.6494	-0.0055	-2.5 to 2.5	Pass
					4.20	3.6236	0.002	-2.5 to 2.5	Pass
					-30	3.70	8.9947	0.0051	-2.5 to 2.5
				-20	3.70	-6.8956	-0.0039	-2.5 to 2.5	Pass
				-10	3.70	4.6364	0.0026	-2.5 to 2.5	Pass
				0	3.70	-2.2010	-0.0012	-2.5 to 2.5	Pass
				10	3.70	9.0245	0.0051	-2.5 to 2.5	Pass
				30	3.70	1.2514	0.0007	-2.5 to 2.5	Pass
				40	3.70	2.3052	0.0013	-2.5 to 2.5	Pass
				50	3.70	7.1634	0.004	-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	3.20	-8.2554	-0.0117	-2.5 to 2.5	Pass
					3.70	-1.3962	-0.002	-2.5 to 2.5	Pass
					4.20	1.4607	0.0021	-2.5 to 2.5	Pass
				-30	3.70	-2.8565	-0.0041	-2.5 to 2.5	Pass
				-20	3.70	9.0818	0.0129	-2.5 to 2.5	Pass
				-10	3.70	7.8871	0.0112	-2.5 to 2.5	Pass
				0	3.70	-9.8423	-0.014	-2.5 to 2.5	Pass
				10	3.70	4.9315	0.007	-2.5 to 2.5	Pass
				30	3.70	0.7371	0.001	-2.5 to 2.5	Pass
				40	3.70	7.2755	0.0103	-2.5 to 2.5	Pass
				50	3.70	-1.1270	-0.0016	-2.5 to 2.5	Pass
	Middle	6	0	20	3.20	2.4579	0.0035	-2.5 to 2.5	Pass
					3.70	-5.6978	-0.0081	-2.5 to 2.5	Pass
					4.20	-5.9253	-0.0084	-2.5 to 2.5	Pass
				-30	3.70	5.3904	0.0076	-2.5 to 2.5	Pass
				-20	3.70	2.9456	0.0042	-2.5 to 2.5	Pass
				-10	3.70	2.3999	0.0034	-2.5 to 2.5	Pass
				0	3.70	1.1053	0.0016	-2.5 to 2.5	Pass
				10	3.70	5.8463	0.0083	-2.5 to 2.5	Pass
				30	3.70	-8.0010	-0.0113	-2.5 to 2.5	Pass
				40	3.70	-4.9009	-0.0069	-2.5 to 2.5	Pass
				50	3.70	8.1843	0.0116	-2.5 to 2.5	Pass
	High	6	0	20	3.20	-6.3604	-0.0089	-2.5 to 2.5	Pass
					3.70	2.4398	0.0034	-2.5 to 2.5	Pass
					4.20	-3.5663	-0.005	-2.5 to 2.5	Pass
				-30	3.70	1.6714	0.0024	-2.5 to 2.5	Pass
				-20	3.70	-9.4242	-0.0133	-2.5 to 2.5	Pass
				-10	3.70	0.1049	0.0001	-2.5 to 2.5	Pass
				0	3.70	-2.8597	-0.004	-2.5 to 2.5	Pass
				10	3.70	-3.3083	-0.0047	-2.5 to 2.5	Pass
				30	3.70	-1.6720	-0.0024	-2.5 to 2.5	Pass
				40	3.70	6.8937	0.0097	-2.5 to 2.5	Pass
				50	3.70	1.7415	0.0024	-2.5 to 2.5	Pass
16QAM	Low	5	0	20	3.20	-6.4448	-0.0092	-2.5 to 2.5	Pass
					3.70	-3.3442	-0.0048	-2.5 to 2.5	Pass
					4.20	-1.7389	-0.0025	-2.5 to 2.5	Pass
				-30	3.70	-2.9753	-0.0042	-2.5 to 2.5	Pass
				-20	3.70	9.3459	0.0133	-2.5 to 2.5	Pass
				-10	3.70	9.2451	0.0132	-2.5 to 2.5	Pass
				0	3.70	7.6945	0.0109	-2.5 to 2.5	Pass
				10	3.70	0.6556	0.0009	-2.5 to 2.5	Pass
				30	3.70	6.3271	0.009	-2.5 to 2.5	Pass
				40	3.70	-2.8420	-0.004	-2.5 to 2.5	Pass
				50	3.70	-4.3735	-0.0062	-2.5 to 2.5	Pass
	Middle	5	0	20	3.20	-6.3096	-0.0089	-2.5 to 2.5	Pass
					3.70	-2.4327	-0.0034	-2.5 to 2.5	Pass
					4.20	3.2725	0.0046	-2.5 to 2.5	Pass
				-30	3.70	5.6458	0.008	-2.5 to 2.5	Pass
				-20	3.70	8.4404	0.0119	-2.5 to 2.5	Pass
				-10	3.70	-8.5448	-0.0121	-2.5 to 2.5	Pass
				0	3.70	5.5603	0.0079	-2.5 to 2.5	Pass
				10	3.70	-3.1412	-0.0044	-2.5 to 2.5	Pass
				30	3.70	0.8932	0.0013	-2.5 to 2.5	Pass
				40	3.70	-4.2705	-0.006	-2.5 to 2.5	Pass

				50	3.70	-7.0480	-0.01	-2.5 to 2.5	Pass
	High	5	0	20	3.20	5.4914	0.0077	-2.5 to 2.5	Pass
					3.70	4.2032	0.0059	-2.5 to 2.5	Pass
					4.20	-8.9492	-0.0126	-2.5 to 2.5	Pass
					-30	3.70	-1.2212	-0.0017	-2.5 to 2.5
				-20	3.70	7.4072	0.0104	-2.5 to 2.5	Pass
				-10	3.70	2.7664	0.0039	-2.5 to 2.5	Pass
				0	3.70	2.0772	0.0029	-2.5 to 2.5	Pass
				10	3.70	5.6046	0.0079	-2.5 to 2.5	Pass
				30	3.70	5.0248	0.0071	-2.5 to 2.5	Pass
				40	3.70	8.0386	0.0113	-2.5 to 2.5	Pass
				50	3.70	4.3579	0.0061	-2.5 to 2.5	Pass