

LTE B48

1. Frequency Stability

1.1 B48_5MHz

1.1.1 Test Result

Band: 48 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3552.5	25	0	20	4.25	26.422	0.0074	-2.5 to 2.5	Pass
					5.00	23.518	0.0066	-2.5 to 2.5	Pass
					5.75	26.507	0.0075	-2.5 to 2.5	Pass
				-30	5	21.758	0.0061	-2.5 to 2.5	Pass
				-20	5	20.442	0.0058	-2.5 to 2.5	Pass
				-10	5	24.090	0.0068	-2.5 to 2.5	Pass
				0	5	24.233	0.0068	-2.5 to 2.5	Pass
				10	5	20.914	0.0059	-2.5 to 2.5	Pass
				30	5	24.748	0.0070	-2.5 to 2.5	Pass
				40	5	22.302	0.0063	-2.5 to 2.5	Pass
				50	5	29.411	0.0083	-2.5 to 2.5	Pass
	3625	25	0	20	4.25	12.774	0.0035	-2.5 to 2.5	Pass
					5.00	14.892	0.0041	-2.5 to 2.5	Pass
					5.75	13.118	0.0036	-2.5 to 2.5	Pass
				-30	5	14.806	0.0041	-2.5 to 2.5	Pass
				-20	5	14.405	0.0040	-2.5 to 2.5	Pass
				-10	5	8.855	0.0024	-2.5 to 2.5	Pass
				0	5	8.297	0.0023	-2.5 to 2.5	Pass
				10	5	15.807	0.0044	-2.5 to 2.5	Pass
				30	5	8.712	0.0024	-2.5 to 2.5	Pass
				40	5	14.319	0.0040	-2.5 to 2.5	Pass
				50	5	11.287	0.0031	-2.5 to 2.5	Pass
	3697.5	25	0	20	4.25	9.084	0.0025	-2.5 to 2.5	Pass
					5.00	5.536	0.0015	-2.5 to 2.5	Pass
					5.75	2.933	0.0008	-2.5 to 2.5	Pass
				-30	5	7.997	0.0022	-2.5 to 2.5	Pass
				-20	5	4.849	0.0013	-2.5 to 2.5	Pass
				-10	5	8.926	0.0024	-2.5 to 2.5	Pass
				0	5	4.292	0.0012	-2.5 to 2.5	Pass
				10	5	5.264	0.0014	-2.5 to 2.5	Pass
				30	5	6.180	0.0017	-2.5 to 2.5	Pass
				40	5	3.047	0.0008	-2.5 to 2.5	Pass
				50	5	8.254	0.0022	-2.5 to 2.5	Pass
16QAM	3552.5	25	0	20	4.25	25.921	0.0073	-2.5 to 2.5	Pass
					5.00	26.207	0.0074	-2.5 to 2.5	Pass
					5.75	23.417	0.0066	-2.5 to 2.5	Pass
				-30	5	25.935	0.0073	-2.5 to 2.5	Pass
				-20	5	22.030	0.0062	-2.5 to 2.5	Pass
				-10	5	18.139	0.0051	-2.5 to 2.5	Pass
				0	5	22.960	0.0065	-2.5 to 2.5	Pass
				10	5	22.316	0.0063	-2.5 to 2.5	Pass
				30	5	23.332	0.0066	-2.5 to 2.5	Pass
				40	5	22.316	0.0063	-2.5 to 2.5	Pass
				50	5	22.674	0.0064	-2.5 to 2.5	Pass
	3625	25	0	20	4.25	11.330	0.0031	-2.5 to 2.5	Pass
					5.00	11.501	0.0032	-2.5 to 2.5	Pass

					5.75	13.504	0.0037	-2.5 to 2.5	Pass
				-30	5	11.201	0.0031	-2.5 to 2.5	Pass
				-20	5	10.686	0.0029	-2.5 to 2.5	Pass
				-10	5	13.733	0.0038	-2.5 to 2.5	Pass
				0	5	9.398	0.0026	-2.5 to 2.5	Pass
				10	5	8.569	0.0024	-2.5 to 2.5	Pass
				30	5	12.488	0.0034	-2.5 to 2.5	Pass
				40	5	13.490	0.0037	-2.5 to 2.5	Pass
				50	5	9.613	0.0027	-2.5 to 2.5	Pass
	3697.5	25	0	20	4.25	5.507	0.0015	-2.5 to 2.5	Pass
					5.00	8.998	0.0024	-2.5 to 2.5	Pass
					5.75	5.221	0.0014	-2.5 to 2.5	Pass
				-30	5	5.507	0.0015	-2.5 to 2.5	Pass
				-20	5	9.856	0.0027	-2.5 to 2.5	Pass
				-10	5	7.896	0.0021	-2.5 to 2.5	Pass
				0	5	4.306	0.0012	-2.5 to 2.5	Pass
				10	5	5.579	0.0015	-2.5 to 2.5	Pass
				30	5	9.685	0.0026	-2.5 to 2.5	Pass
				40	5	4.048	0.0011	-2.5 to 2.5	Pass
				50	5	4.992	0.0014	-2.5 to 2.5	Pass

1.2 B48_10MHz

1.2.1 Test Result

Band: 48 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3555	50	0	20	4.25	17.366	0.0049	-2.5 to 2.5	Pass
					5.00	18.697	0.0053	-2.5 to 2.5	Pass
					5.75	22.016	0.0062	-2.5 to 2.5	Pass
				-30	5	16.222	0.0046	-2.5 to 2.5	Pass
				-20	5	19.712	0.0055	-2.5 to 2.5	Pass
				-10	5	24.834	0.0070	-2.5 to 2.5	Pass
				0	5	20.113	0.0057	-2.5 to 2.5	Pass
				10	5	18.182	0.0051	-2.5 to 2.5	Pass
				30	5	23.861	0.0067	-2.5 to 2.5	Pass
				40	5	21.644	0.0061	-2.5 to 2.5	Pass
				50	5	20.413	0.0057	-2.5 to 2.5	Pass
	3625	50	0	20	4.25	12.889	0.0036	-2.5 to 2.5	Pass
					5.00	9.613	0.0027	-2.5 to 2.5	Pass
					5.75	12.760	0.0035	-2.5 to 2.5	Pass
				-30	5	12.288	0.0034	-2.5 to 2.5	Pass
				-20	5	7.339	0.0020	-2.5 to 2.5	Pass
				-10	5	9.785	0.0027	-2.5 to 2.5	Pass
				0	5	7.839	0.0022	-2.5 to 2.5	Pass
				10	5	8.240	0.0023	-2.5 to 2.5	Pass
				30	5	11.845	0.0033	-2.5 to 2.5	Pass
				40	5	7.296	0.0020	-2.5 to 2.5	Pass
				50	5	8.612	0.0024	-2.5 to 2.5	Pass
	3695	50	0	20	4.25	5.221	0.0014	-2.5 to 2.5	Pass
					5.00	7.968	0.0022	-2.5 to 2.5	Pass
					5.75	8.383	0.0023	-2.5 to 2.5	Pass
				-30	5	6.309	0.0017	-2.5 to 2.5	Pass
				-20	5	2.732	0.0007	-2.5 to 2.5	Pass
				-10	5	7.410	0.0020	-2.5 to 2.5	Pass
				0	5	1.988	0.0005	-2.5 to 2.5	Pass

				10	5	3.419	0.0009	-2.5 to 2.5	Pass
				30	5	7.524	0.0020	-2.5 to 2.5	Pass
				40	5	4.106	0.0011	-2.5 to 2.5	Pass
				50	5	3.147	0.0009	-2.5 to 2.5	Pass
16QAM	3555	50	0	20	4.25	18.768	0.0053	-2.5 to 2.5	Pass
					5.00	14.734	0.0041	-2.5 to 2.5	Pass
					5.75	20.127	0.0057	-2.5 to 2.5	Pass
				-30	5	20.213	0.0057	-2.5 to 2.5	Pass
				-20	5	20.986	0.0059	-2.5 to 2.5	Pass
				-10	5	22.416	0.0063	-2.5 to 2.5	Pass
				0	5	22.788	0.0064	-2.5 to 2.5	Pass
				10	5	23.003	0.0065	-2.5 to 2.5	Pass
				30	5	21.844	0.0061	-2.5 to 2.5	Pass
				40	5	14.119	0.0040	-2.5 to 2.5	Pass
				50	5	16.379	0.0046	-2.5 to 2.5	Pass
	3625	50	0	20	4.25	9.613	0.0027	-2.5 to 2.5	Pass
					5.00	11.716	0.0032	-2.5 to 2.5	Pass
					5.75	12.546	0.0035	-2.5 to 2.5	Pass
				-30	5	10.142	0.0028	-2.5 to 2.5	Pass
				-20	5	9.556	0.0026	-2.5 to 2.5	Pass
				-10	5	12.660	0.0035	-2.5 to 2.5	Pass
				0	5	5.922	0.0016	-2.5 to 2.5	Pass
				10	5	8.025	0.0022	-2.5 to 2.5	Pass
				30	5	5.093	0.0014	-2.5 to 2.5	Pass
				40	5	12.302	0.0034	-2.5 to 2.5	Pass
				50	5	12.360	0.0034	-2.5 to 2.5	Pass
	3695	50	0	20	4.25	5.565	0.0015	-2.5 to 2.5	Pass
					5.00	6.509	0.0018	-2.5 to 2.5	Pass
					5.75	5.507	0.0015	-2.5 to 2.5	Pass
				-30	5	3.147	0.0009	-2.5 to 2.5	Pass
				-20	5	1.874	0.0005	-2.5 to 2.5	Pass
				-10	5	2.432	0.0007	-2.5 to 2.5	Pass
				0	5	6.766	0.0018	-2.5 to 2.5	Pass
				10	5	2.661	0.0007	-2.5 to 2.5	Pass
				30	5	6.638	0.0018	-2.5 to 2.5	Pass
				40	5	2.675	0.0007	-2.5 to 2.5	Pass
				50	5	1.831	0.0005	-2.5 to 2.5	Pass

1.3 B48_15MHz

1.3.1 Test Result

Band: 48 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3557.5	75	0	20	4.25	14.048	0.0039	-2.5 to 2.5	Pass
					5.00	15.192	0.0043	-2.5 to 2.5	Pass
					5.75	12.231	0.0034	-2.5 to 2.5	Pass
				-30	5	12.131	0.0034	-2.5 to 2.5	Pass
				-20	5	12.016	0.0034	-2.5 to 2.5	Pass
				-10	5	16.794	0.0047	-2.5 to 2.5	Pass
				0	5	12.102	0.0034	-2.5 to 2.5	Pass
				10	5	16.608	0.0047	-2.5 to 2.5	Pass
				30	5	18.797	0.0053	-2.5 to 2.5	Pass
				40	5	18.597	0.0052	-2.5 to 2.5	Pass
				50	5	15.593	0.0044	-2.5 to 2.5	Pass
	3625	75	0	20	4.25	3.490	0.0010	-2.5 to 2.5	Pass

					5.00	8.769	0.0024	-2.5 to 2.5	Pass
					5.75	8.655	0.0024	-2.5 to 2.5	Pass
				-30	5	8.183	0.0023	-2.5 to 2.5	Pass
				-20	5	10.157	0.0028	-2.5 to 2.5	Pass
				-10	5	2.432	0.0007	-2.5 to 2.5	Pass
				0	5	4.478	0.0012	-2.5 to 2.5	Pass
				10	5	5.422	0.0015	-2.5 to 2.5	Pass
				30	5	9.341	0.0026	-2.5 to 2.5	Pass
				40	5	6.666	0.0018	-2.5 to 2.5	Pass
				50	5	7.653	0.0021	-2.5 to 2.5	Pass
	3692.5	75	0	20	4.25	1.745	0.0005	-2.5 to 2.5	Pass
					5.00	6.065	0.0016	-2.5 to 2.5	Pass
					5.75	5.307	0.0014	-2.5 to 2.5	Pass
				-30	5	7.124	0.0019	-2.5 to 2.5	Pass
				-20	5	6.852	0.0019	-2.5 to 2.5	Pass
				-10	5	2.732	0.0007	-2.5 to 2.5	Pass
				0	5	5.550	0.0015	-2.5 to 2.5	Pass
				10	5	6.151	0.0017	-2.5 to 2.5	Pass
				30	5	7.825	0.0021	-2.5 to 2.5	Pass
				40	5	5.879	0.0016	-2.5 to 2.5	Pass
16QAM	3557.5	75	0	20	4.25	17.409	0.0049	-2.5 to 2.5	Pass
					5.00	14.505	0.0041	-2.5 to 2.5	Pass
					5.75	14.305	0.0040	-2.5 to 2.5	Pass
				-30	5	14.749	0.0041	-2.5 to 2.5	Pass
				-20	5	15.221	0.0043	-2.5 to 2.5	Pass
				-10	5	17.109	0.0048	-2.5 to 2.5	Pass
				0	5	12.517	0.0035	-2.5 to 2.5	Pass
				10	5	16.451	0.0046	-2.5 to 2.5	Pass
				30	5	13.361	0.0038	-2.5 to 2.5	Pass
				40	5	18.554	0.0052	-2.5 to 2.5	Pass
				50	5	16.322	0.0046	-2.5 to 2.5	Pass
	3625	75	0	20	4.25	6.037	0.0017	-2.5 to 2.5	Pass
					5.00	6.909	0.0019	-2.5 to 2.5	Pass
					5.75	9.685	0.0027	-2.5 to 2.5	Pass
				-30	5	11.644	0.0032	-2.5 to 2.5	Pass
				-20	5	5.007	0.0014	-2.5 to 2.5	Pass
				-10	5	6.824	0.0019	-2.5 to 2.5	Pass
				0	5	10.142	0.0028	-2.5 to 2.5	Pass
				10	5	10.557	0.0029	-2.5 to 2.5	Pass
				30	5	6.123	0.0017	-2.5 to 2.5	Pass
				40	5	8.383	0.0023	-2.5 to 2.5	Pass
				50	5	9.413	0.0026	-2.5 to 2.5	Pass
	3692.5	75	0	20	4.25	1.187	0.0003	-2.5 to 2.5	Pass
					5.00	2.775	0.0008	-2.5 to 2.5	Pass
					5.75	0.958	0.0003	-2.5 to 2.5	Pass
				-30	5	3.219	0.0009	-2.5 to 2.5	Pass
				-20	5	6.652	0.0018	-2.5 to 2.5	Pass
				-10	5	2.732	0.0007	-2.5 to 2.5	Pass
				0	5	8.311	0.0023	-2.5 to 2.5	Pass
				10	5	4.306	0.0012	-2.5 to 2.5	Pass
				30	5	1.173	0.0003	-2.5 to 2.5	Pass
				40	5	6.595	0.0018	-2.5 to 2.5	Pass
				50	5	4.163	0.0011	-2.5 to 2.5	Pass

1.4 B48_20MHz

1.4.1 Test Result

Band: 48 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3560	100	0	20	4.25	9.470	0.0027	-2.5 to 2.5	Pass
					5.00	14.291	0.0040	-2.5 to 2.5	Pass
					5.75	15.049	0.0042	-2.5 to 2.5	Pass
				-30	5	12.960	0.0036	-2.5 to 2.5	Pass
				-20	5	14.963	0.0042	-2.5 to 2.5	Pass
				-10	5	9.513	0.0027	-2.5 to 2.5	Pass
				0	5	12.832	0.0036	-2.5 to 2.5	Pass
				10	5	14.477	0.0041	-2.5 to 2.5	Pass
				30	5	9.985	0.0028	-2.5 to 2.5	Pass
				40	5	9.785	0.0027	-2.5 to 2.5	Pass
				50	5	13.933	0.0039	-2.5 to 2.5	Pass
	3625	100	0	20	4.25	8.454	0.0023	-2.5 to 2.5	Pass
					5.00	2.346	0.0006	-2.5 to 2.5	Pass
					5.75	9.456	0.0026	-2.5 to 2.5	Pass
				-30	5	7.782	0.0021	-2.5 to 2.5	Pass
				-20	5	8.297	0.0023	-2.5 to 2.5	Pass
				-10	5	6.680	0.0018	-2.5 to 2.5	Pass
				0	5	8.898	0.0025	-2.5 to 2.5	Pass
				10	5	1.702	0.0005	-2.5 to 2.5	Pass
				30	5	7.954	0.0022	-2.5 to 2.5	Pass
				40	5	1.988	0.0005	-2.5 to 2.5	Pass
				50	5	6.337	0.0017	-2.5 to 2.5	Pass
	3690	100	0	20	4.25	2.832	0.0008	-2.5 to 2.5	Pass
					5.00	7.339	0.0020	-2.5 to 2.5	Pass
					5.75	1.717	0.0005	-2.5 to 2.5	Pass
				-30	5	1.817	0.0005	-2.5 to 2.5	Pass
				-20	5	7.925	0.0021	-2.5 to 2.5	Pass
				-10	5	6.952	0.0019	-2.5 to 2.5	Pass
				0	5	9.184	0.0025	-2.5 to 2.5	Pass
				10	5	3.190	0.0009	-2.5 to 2.5	Pass
				30	5	2.003	0.0005	-2.5 to 2.5	Pass
				40	5	2.346	0.0006	-2.5 to 2.5	Pass
				50	5	6.437	0.0017	-2.5 to 2.5	Pass
16QAM	3560	100	0	20	4.25	7.925	0.0022	-2.5 to 2.5	Pass
					5.00	15.292	0.0043	-2.5 to 2.5	Pass
					5.75	11.930	0.0034	-2.5 to 2.5	Pass
				-30	5	13.304	0.0037	-2.5 to 2.5	Pass
				-20	5	11.415	0.0032	-2.5 to 2.5	Pass
				-10	5	14.963	0.0042	-2.5 to 2.5	Pass
				0	5	11.072	0.0031	-2.5 to 2.5	Pass
				10	5	13.762	0.0039	-2.5 to 2.5	Pass
				30	5	11.687	0.0033	-2.5 to 2.5	Pass
				40	5	8.912	0.0025	-2.5 to 2.5	Pass
				50	5	11.959	0.0034	-2.5 to 2.5	Pass
	3625	100	0	20	4.25	8.411	0.0023	-2.5 to 2.5	Pass
					5.00	2.961	0.0008	-2.5 to 2.5	Pass
					5.75	8.268	0.0023	-2.5 to 2.5	Pass
				-30	5	2.732	0.0008	-2.5 to 2.5	Pass
				-20	5	3.877	0.0011	-2.5 to 2.5	Pass
				-10	5	5.078	0.0014	-2.5 to 2.5	Pass
				0	5	4.449	0.0012	-2.5 to 2.5	Pass
				10	5	9.871	0.0027	-2.5 to 2.5	Pass
				30	5	2.275	0.0006	-2.5 to 2.5	Pass
				40	5	7.210	0.0020	-2.5 to 2.5	Pass

report_checked	report_checked	report_checked	report_checked	-10	5	8.855	0.0024	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	8.297	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	15.807	0.0044	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	8.712	0.0024	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	14.319	0.0040	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	11.287	0.0031	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	9.084	0.0025	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	5.536	0.0015	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	2.933	0.0008	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	7.997	0.0022	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	4.849	0.0013	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	8.926	0.0024	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	4.292	0.0012	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	5.264	0.0014	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	6.180	0.0017	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	3.047	0.0008	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	8.254	0.0022	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	25.921	0.0073	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	26.207	0.0074	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	23.417	0.0066	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	25.935	0.0073	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	22.030	0.0062	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	18.139	0.0051	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	22.960	0.0065	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	22.316	0.0063	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	23.332	0.0066	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	22.316	0.0063	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	22.674	0.0064	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	11.330	0.0031	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	11.501	0.0032	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	13.504	0.0037	-2.5 to 2.5	Pass

ked	ked	ked	ked	ked					
report_chec ked	report_chec ked	report_chec ked	report_chec ked	-30	5	11.201	0.0031	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	-20	5	10.686	0.0029	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	-10	5	13.733	0.0038	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	0	5	9.398	0.0026	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	10	5	8.569	0.0024	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	30	5	12.488	0.0034	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	40	5	13.490	0.0037	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	50	5	9.613	0.0027	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	4.25	5.507	0.0015	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	5.00	8.998	0.0024	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	5.75	5.221	0.0014	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	-30	5	5.507	0.0015	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	-20	5	9.856	0.0027	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	-10	5	7.896	0.0021	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	0	5	4.306	0.0012	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	10	5	5.579	0.0015	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	30	5	9.685	0.0026	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	40	5	4.048	0.0011	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	50	5	4.992	0.0014	-2.5 to 2.5	Pass

2.2 B48_10MHz

2.2.1 Test Result

report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked
report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked
report_chec ked	report_chec ked	Size	Offset	report_chec ked	report_chec ked	report_chec ked	Result	Limit	report_chec ked
report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	4.25	17.366	0.0049	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	5.00	18.697	0.0053	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	report_chec ked	5.75	22.016	0.0062	-2.5 to 2.5	Pass
report_chec ked	report_chec ked	report_chec ked	report_chec ked	-30	5	16.222	0.0046	-2.5 to 2.5	Pass

report_checked	report_checked	report_checked	report_checked	-20	5	19.712	0.0055	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	24.834	0.0070	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	20.113	0.0057	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	18.182	0.0051	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	23.861	0.0067	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	21.644	0.0061	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	20.413	0.0057	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	12.889	0.0036	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	9.613	0.0027	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	12.760	0.0035	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	12.288	0.0034	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	7.339	0.0020	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	9.785	0.0027	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	7.839	0.0022	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	8.240	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	11.845	0.0033	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	7.296	0.0020	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	8.612	0.0024	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	5.221	0.0014	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	7.968	0.0022	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	8.383	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	6.309	0.0017	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	2.732	0.0007	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	7.410	0.0020	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	1.988	0.0005	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	3.419	0.0009	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	7.524	0.0020	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	4.106	0.0011	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	3.147	0.0009	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	18.768	0.0053	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	14.734	0.0041	-2.5 to 2.5	Pass

ked	ked	ked	ked	ked					
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	20.127	0.0057	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	20.213	0.0057	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	20.986	0.0059	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	22.416	0.0063	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	22.788	0.0064	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	23.003	0.0065	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	21.844	0.0061	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	14.119	0.0040	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	16.379	0.0046	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	9.613	0.0027	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	11.716	0.0032	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	12.546	0.0035	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	10.142	0.0028	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	9.556	0.0026	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	12.660	0.0035	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	5.922	0.0016	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	8.025	0.0022	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	5.093	0.0014	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	12.302	0.0034	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	12.360	0.0034	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	5.565	0.0015	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	6.509	0.0018	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	5.507	0.0015	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	3.147	0.0009	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	1.874	0.0005	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	2.432	0.0007	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	6.766	0.0018	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	2.661	0.0007	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	6.638	0.0018	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	2.675	0.0007	-2.5 to 2.5	Pass

report_checked	report_checked	report_checked	report_checked	50	5	1.831	0.0005	-2.5 to 2.5	Pass
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2.3 B48_15MHz

2.3.1 Test Result

report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	Size	Offset	report_checked	report_checked	report_checked	Result	Limit	report_checked
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	14.048	0.0039	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	15.192	0.0043	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	12.231	0.0034	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	12.131	0.0034	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	12.016	0.0034	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	16.794	0.0047	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	12.102	0.0034	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	16.608	0.0047	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	18.797	0.0053	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	18.597	0.0052	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	15.593	0.0044	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	3.490	0.0010	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	8.769	0.0024	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	8.655	0.0024	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	8.183	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	10.157	0.0028	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	2.432	0.0007	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	4.478	0.0012	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	5.422	0.0015	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	9.341	0.0026	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	6.666	0.0018	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	7.653	0.0021	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	1.745	0.0005	-2.5 to 2.5	Pass

ked	ked	ked	ked	ked					
report_check ked	report_check ked	report_check ked	report_check ked	report_check ked	5.00	6.065	0.0016	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	report_check ked	5.75	5.307	0.0014	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	-30	5	7.124	0.0019	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	-20	5	6.852	0.0019	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	-10	5	2.732	0.0007	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	0	5	5.550	0.0015	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	10	5	6.151	0.0017	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	30	5	7.825	0.0021	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	40	5	5.879	0.0016	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	50	5	6.452	0.0017	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	report_check ked	4.25	17.409	0.0049	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	report_check ked	5.00	14.505	0.0041	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	report_check ked	5.75	14.305	0.0040	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	-30	5	14.749	0.0041	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	-20	5	15.221	0.0043	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	-10	5	17.109	0.0048	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	0	5	12.517	0.0035	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	10	5	16.451	0.0046	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	30	5	13.361	0.0038	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	40	5	18.554	0.0052	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	50	5	16.322	0.0046	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	report_check ked	4.25	6.037	0.0017	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	report_check ked	5.00	6.909	0.0019	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	report_check ked	5.75	9.685	0.0027	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	-30	5	11.644	0.0032	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	-20	5	5.007	0.0014	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	-10	5	6.824	0.0019	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	0	5	10.142	0.0028	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	10	5	10.557	0.0029	-2.5 to 2.5	Pass
report_check ked	report_check ked	report_check ked	report_check ked	30	5	6.123	0.0017	-2.5 to 2.5	Pass

report_checked	report_checked	report_checked	report_checked	40	5	8.383	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	9.413	0.0026	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	1.187	0.0003	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	2.775	0.0008	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	0.958	0.0003	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	3.219	0.0009	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	6.652	0.0018	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	2.732	0.0007	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	8.311	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	4.306	0.0012	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	1.173	0.0003	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	6.595	0.0018	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	4.163	0.0011	-2.5 to 2.5	Pass

2.4 B48_20MHz

2.4.1 Test Result

report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	Size	Offset	report_checked	report_checked	report_checked	Result	Limit	report_checked
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	9.470	0.0027	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	14.291	0.0040	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	15.049	0.0042	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	12.960	0.0036	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	14.963	0.0042	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	9.513	0.0027	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	12.832	0.0036	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	14.477	0.0041	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	9.985	0.0028	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	9.785	0.0027	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	13.933	0.0039	-2.5 to 2.5	Pass

ked	ked	ked	ked						
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	8.454	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	2.346	0.0006	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	9.456	0.0026	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	7.782	0.0021	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	8.297	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	6.680	0.0018	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	8.898	0.0025	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	1.702	0.0005	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	7.954	0.0022	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	1.988	0.0005	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	6.337	0.0017	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	2.832	0.0008	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	7.339	0.0020	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	1.717	0.0005	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	1.817	0.0005	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	7.925	0.0021	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	6.952	0.0019	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	9.184	0.0025	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	3.190	0.0009	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	2.003	0.0005	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	2.346	0.0006	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	6.437	0.0017	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	7.925	0.0022	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	15.292	0.0043	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	11.930	0.0034	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	13.304	0.0037	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	11.415	0.0032	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	14.963	0.0042	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	11.072	0.0031	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	13.762	0.0039	-2.5 to 2.5	Pass

report_checked	report_checked	report_checked	report_checked	30	5	11.687	0.0033	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	8.912	0.0025	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	11.959	0.0034	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	8.411	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	2.961	0.0008	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	8.268	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	2.732	0.0008	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	3.877	0.0011	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	5.078	0.0014	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	4.449	0.0012	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	9.871	0.0027	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	2.275	0.0006	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	7.210	0.0020	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	9.570	0.0026	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	4.25	4.463	0.0012	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.00	8.268	0.0022	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	report_checked	5.75	7.281	0.0020	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-30	5	7.768	0.0021	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-20	5	4.191	0.0011	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	-10	5	8.955	0.0024	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	0	5	7.596	0.0021	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	10	5	8.025	0.0022	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	30	5	8.454	0.0023	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	40	5	3.004	0.0008	-2.5 to 2.5	Pass
report_checked	report_checked	report_checked	report_checked	50	5	4.849	0.0013	-2.5 to 2.5	Pass

5G NR N48

1. Frequency Stability

1.1 30k_SISO_10MHz

1.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	11.60	0.0032	>=-2.5 & <=2.5	Pass
				HV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	11.20	0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	13.10	0.0036	>=-2.5 & <=2.5	Pass
			0	NV	10.50	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-10.40	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	12.80	0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	9.20	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-9.70	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	17.00	0.0047	>=-2.5 & <=2.5	Pass
			20	NV	17.40	0.0048	>=-2.5 & <=2.5	Pass
			30	NV	10.40	0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	8.70	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	11.60	0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	13.30	0.0037	>=-2.5 & <=2.5	Pass
			20	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	7.60	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	11.20	0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
				HV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	10.30	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	6.70	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	12.10	0.0033	>=-2.5 & <=2.5	Pass
			30	NV	15.30	0.0042	>=-2.5 & <=2.5	Pass
			40	NV	8.30	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	8.00	0.0022	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass

			-20	NV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	14.30	0.0039	>=-2.5 & <=2.5	Pass
			20	NV	10.00	0.0028	>=-2.5 & <=2.5	Pass
			30	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	14.60	0.0040	>=-2.5 & <=2.5	Pass
			50	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
				HV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	6.60	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	12.80	0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-7.20	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	16.80	0.0046	>=-2.5 & <=2.5	Pass
			40	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-11.80	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-14.50	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	11.60	0.0032	>=-2.5 & <=2.5	Pass
			10	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	8.70	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	10.40	0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	12.30	0.0034	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	13.00	0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-12.10	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	7.30	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	11.60	0.0032	>=-2.5 & <=2.5	Pass
			20	NV	10.50	0.0029	>=-2.5 & <=2.5	Pass
			30	NV	16.40	0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	7.60	0.0021	>=-2.5 & <=2.5	Pass

1.2 30k_SISO_20MHz

1.2.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-9.00	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-20.10	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-18.10	-0.0050	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-11.70	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-16.20	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass

			50	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-12.60	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.00	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.40	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.50	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.60	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.70	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-11.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-18.90	-0.0052	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.90	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.20	-0.0028	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-14.80	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				HV	-19.30	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-15.80	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-11.50	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-18.20	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.30	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.80	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.30	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-13.00	-0.0036	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-22.30	-0.0062	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.00	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-17.80	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-19.20	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-19.80	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-21.40	-0.0059	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.40	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-17.10	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-13.10	-0.0036	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-9.90	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.00	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.30	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.80	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-17.00	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-11.20	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.30	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-14.30	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-19.80	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-18.70	-0.0052	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-17.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass
				HV	-16.40	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-13.80	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-11.90	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-14.80	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-16.10	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-17.40	-0.0048	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-13.00	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-14.00	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.60	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	-22.50	-0.0062	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-12.40	-0.0034	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	-10.20	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.80	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-22.30	-0.0062	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-11.20	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-15.70	-0.0043	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-17.80	-0.0049	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-14.30	-0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-10.00	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-12.40	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-9.20	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-13.30	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-12.30	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-12.90	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-17.60	-0.0049	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-16.30	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-20.30	-0.0056	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-12.50	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-9.90	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-13.10	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass

1.3 30k_SISO_40MHz

1.3.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.40	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-10.20	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.00	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-27.20	-0.0075	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-11.30	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-9.30	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-13.00	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-7.60	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-16.30	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-11.60	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-20.80	-0.0057	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-16.30	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-8.90	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	14.00	0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-17.70	-0.0049	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-8.90	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-11.70	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-12.20	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-10.30	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-16.80	-0.0046	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-12.80	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-14.50	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-11.80	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-13.90	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.30	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	-12.80	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-13.80	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-14.90	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.30	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.00	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-15.20	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.30	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.00	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.70	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	8.90	0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-11.90	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				HV	-15.70	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.50	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.40	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.40	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-15.40	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.30	-0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.70	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.40	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	8.00	0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.90	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.50	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.00	0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.00	-0.0030	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-3.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-12.30	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	13.70	0.0038	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	16.40	0.0045	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.80	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.70	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	8.00	0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-19.50	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-16.20	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-13.00	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.90	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.30	0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.00	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.20	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass