



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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Frequency stability

Test mode	Bandwidth (MHz)	Frequency	Temp.	Voltage	FL	FH	Freq. Rated	Limit	Verdict
		(MHz)	(°C)	(VDC)	(MHz)	(MHz)	(ppm)	(MHz)	
TM1.1	10MHz	3555	20	50.4	3550.955	3559.136	0.0013	3550 to 3700	Pass
		3555		56	3550.077	3559.949	0.0004	3550 to 3700	Pass
		3555		61.6	3550.239	3559.986	0.0032	3550 to 3700	Pass
		3555	-30	56	3550.91	3559.282	0.0027	3550 to 3700	Pass
		3555	-20	56	3550.021	3559.747	-0.0033	3550 to 3700	Pass
		3555	-10	56	3550.09	3559.27	-0.0090	3550 to 3700	Pass
		3555	0	56	3550.505	3559.626	0.0018	3550 to 3700	Pass
		3555	10	56	3550.683	3559.986	0.0094	3550 to 3700	Pass
		3555	30	56	3550.436	3559.597	0.0005	3550 to 3700	Pass
		3555	40	56	3550.334	3559.294	-0.0052	3550 to 3700	Pass
		3555	50	56	3550.062	3559.896	-0.0006	3550 to 3700	Pass
		3624.99	20	50.4	3620.656	3629.925	0.0083	3550 to 3700	Pass
		3624.99		56	3620.285	3629.506	-0.0026	3550 to 3700	Pass
		3624.99		61.6	3620.15	3629.522	-0.0042	3550 to 3700	Pass
		3624.99	-30	56	3620.2	3629.643	-0.0019	3550 to 3700	Pass
		3624.99	-20	56	3620.582	3629.041	-0.0049	3550 to 3700	Pass
		3624.99	-10	56	3620.905	3629.495	0.0058	3550 to 3700	Pass
		3624.99	0	56	3620.264	3629.301	-0.0057	3550 to 3700	Pass
		3624.99	10	56	3620.147	3629.871	0.0005	3550 to 3700	Pass
		3624.99	30	56	3620.412	3629.438	-0.0018	3550 to 3700	Pass
		3624.99	40	56	3620.626	3629.968	0.0085	3550 to 3700	Pass
		3624.99	50	56	3620.828	3629.559	0.0056	3550 to 3700	Pass
		3694.98	20	21.6	3690.1	3699.5	-0.0049	3550 to 3700	Pass
		3694.98		24	3690.312	3699.86	0.0029	3550 to 3700	Pass
		3694.98		26.4	3690.631	3699.59	0.0035	3550 to 3700	Pass
		3694.98	-30	24	3690.272	3699.549	-0.0019	3550 to 3700	Pass
		3694.98	-20	24	3690.146	3699.595	-0.0030	3550 to 3700	Pass
		3694.98	-10	24	3690.679	3699.312	0.0004	3550 to 3700	Pass
		3694.98	0	24	3690.294	3699.657	-0.0001	3550 to 3700	Pass



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Test mode	Bandwidth (MHz)	Frequency	Temp.	Voltage	FL	FH	Freq. Rated	Limit	Verdict
		(MHz)	(°C)	(VDC)	(GHz)	(GHz)	(ppm)	(MHz)	
TM1.1	20MHz	3560.01	20	50.4	3550.404	3569.455	-0.0023	3550 to 3700	Pass
		3560.01		56	3550.856	3569.212	0.0007	3550 to 3700	Pass
		3560.01		61.6	3550.62	3569.843	0.0062	3550 to 3700	Pass
		3560.01	-30	56	3550.753	3569.375	0.0015	3550 to 3700	Pass
		3560.01	-20	56	3550.078	3569.532	-0.0058	3550 to 3700	Pass
		3560.01	-10	56	3550.159	3569.812	-0.0007	3550 to 3700	Pass
		3560.01	0	56	3550.121	3569.448	-0.0063	3550 to 3700	Pass
		3560.01	10	56	3550.759	3569.773	0.0072	3550 to 3700	Pass
		3560.01	30	56	3550.866	3569.333	0.0025	3550 to 3700	Pass
		3560.01	40	56	3550.559	3569.531	0.0010	3550 to 3700	Pass
		3560.01	50	56	3550.287	3569.008	-0.0102	3550 to 3700	Pass
		3624.99	20	50.4	3615.019	3634.299	-0.0091	3550 to 3700	Pass
		3624.99		56	3615.534	3634.681	0.0032	3550 to 3700	Pass
		3624.99		61.6	3615.835	3634.34	0.0027	3550 to 3700	Pass
		3624.99	-30	56	3615.338	3634.803	0.0022	3550 to 3700	Pass
		3624.99	-20	56	3615.435	3634.213	-0.0046	3550 to 3700	Pass
		3624.99	-10	56	3615.599	3634.692	0.0043	3550 to 3700	Pass
		3624.99	0	56	3615.933	3634.062	0.0002	3550 to 3700	Pass
		3624.99	10	56	3615.314	3634.21	-0.0063	3550 to 3700	Pass
		3624.99	30	56	3615.509	3634.047	-0.0058	3550 to 3700	Pass
		3624.99	40	56	3615.999	3634.639	0.0091	3550 to 3700	Pass
		3624.99	50	56	3615.253	3634.322	-0.0056	3550 to 3700	Pass
		3690	20	21.6	3680.805	3699.93	0.0100	3550 to 3700	Pass
		3690		24	3680.858	3699.147	0.0001	3550 to 3700	Pass
		3690		26.4	3680.566	3699.652	0.0030	3550 to 3700	Pass
		3690	-30	24	3680.21	3699.758	-0.0004	3550 to 3700	Pass
		3690	-20	24	3680.777	3699.994	0.0104	3550 to 3700	Pass
		3690	-10	24	3680.821	3699.477	0.0040	3550 to 3700	Pass
		3690	0	24	3680.619	3699.865	0.0066	3550 to 3700	Pass



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Test mode	Bandwidth (MHz)	Frequency	Temp.	Voltage	FL	FH	Freq. Rated	Limit	Verdict
		(MHz)	(°C)	(VDC)	(GHz)	(GHz)	(ppm)	(MHz)	
TM1.1	30MHz	3565.02	20	50.4	3550.139	3579.675	-0.0032	3550 to 3700	Pass
		3565.02		56	3550.909	3579.458	0.0046	3550 to 3700	Pass
		3565.02		61.6	3550.627	3579.378	-0.0005	3550 to 3700	Pass
		3565.02	-30	56	3550.259	3579.691	-0.0013	3550 to 3700	Pass
		3565.02	-20	56	3550.499	3579.317	-0.0031	3550 to 3700	Pass
		3565.02	-10	56	3550.354	3579.51	-0.0025	3550 to 3700	Pass
		3565.02	0	56	3550.735	3579.849	0.0076	3550 to 3700	Pass
		3565.02	10	56	3550.637	3579.922	0.0073	3550 to 3700	Pass
		3565.02	30	56	3550.049	3579.475	-0.0072	3550 to 3700	Pass
		3565.02	40	56	3550.322	3579.092	-0.0088	3550 to 3700	Pass
		3565.02	50	56	3550.454	3579.22	-0.0051	3550 to 3700	Pass
		3624.99	20	50.4	3609.49	3638.965	-0.0210	3550 to 3700	Pass
		3624.99		56	3609.579	3638.959	-0.0199	3550 to 3700	Pass
		3624.99		61.6	3609.808	3638.982	-0.0164	3550 to 3700	Pass
		3624.99	-30	56	3609.455	3638.49	-0.0281	3550 to 3700	Pass
		3624.99	-20	56	3609.537	3638.572	-0.0258	3550 to 3700	Pass
		3624.99	-10	56	3609.755	3638.212	-0.0278	3550 to 3700	Pass
		3624.99	0	56	3609.431	3638.286	-0.0312	3550 to 3700	Pass
		3624.99	10	56	3609.426	3638.285	-0.0313	3550 to 3700	Pass
		3624.99	30	56	3609.251	3638.581	-0.0296	3550 to 3700	Pass
		3624.99	40	56	3609.187	3638.305	-0.0343	3550 to 3700	Pass
		3624.99	50	56	3609.608	3638.456	-0.0264	3550 to 3700	Pass
		3684.99	20	21.6	3669.740	3698.025	-0.0301	3550 to 3700	Pass
		3684.99		24	3669.994	3698.26	-0.0234	3550 to 3700	Pass
		3684.99		26.4	3669.488	3698.912	-0.0214	3550 to 3700	Pass
		3684.99	-30	24	3669.469	3698.521	-0.0270	3550 to 3700	Pass
		3684.99	-20	24	3669.349	3698.502	-0.0289	3550 to 3700	Pass
		3684.99	-10	24	3669.574	3698.281	-0.0288	3550 to 3700	Pass
		3684.99	0	24	3669.874	3698.346	-0.0239	3550 to 3700	Pass



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Test mode	Bandwidth (MHz)	Frequency	Temp.	Voltage	FL	FH	Freq. Rated	Limit	Verdict
		(MHz)	(°C)	(VDC)	(GHz)	(GHz)	(ppm)	(MHz)	
TM1.1	40MHz	3570	20	50.4	3550.494	3589.801	0.0041	3550 to 3700	Pass
		3570		56	3550.514	3589.102	-0.0054	3550 to 3700	Pass
		3570		61.6	3550.864	3589.919	0.0110	3550 to 3700	Pass
		3570	-30	56	3550.110	3589.196	-0.0097	3550 to 3700	Pass
		3570	-20	56	3550.239	3589.33	-0.0060	3550 to 3700	Pass
		3570	-10	56	3550.253	3589.168	-0.0081	3550 to 3700	Pass
		3570	0	56	3550.036	3589.724	-0.0034	3550 to 3700	Pass
		3570	10	56	3550.611	3589.565	0.0025	3550 to 3700	Pass
		3570	30	56	3550.649	3589.362	0.0002	3550 to 3700	Pass
		3570	40	56	3550.663	3589.207	-0.0018	3550 to 3700	Pass
		3570	50	56	3550.932	3589.252	0.0026	3550 to 3700	Pass
		3624.99	20	50.4	3604.425	3643.702	-0.0256	3550 to 3700	Pass
		3624.99		56	3604.981	3643.592	-0.0194	3550 to 3700	Pass
		3624.99		61.6	3604.656	3643.076	-0.0310	3550 to 3700	Pass
		3624.99	-30	56	3604.500	3643.54	-0.0268	3550 to 3700	Pass
		3624.99	-20	56	3604.487	3643.409	-0.0287	3550 to 3700	Pass
		3624.99	-10	56	3604.678	3643.671	-0.0225	3550 to 3700	Pass
		3624.99	0	56	3604.126	3643.25	-0.0359	3550 to 3700	Pass
		3624.99	10	56	3604.150	3643.208	-0.0362	3550 to 3700	Pass
		3624.99	30	56	3604.859	3643.945	-0.0162	3550 to 3700	Pass
		3624.99	40	56	3604.863	3643.773	-0.0185	3550 to 3700	Pass
		3624.99	50	56	3604.787	3643.863	-0.0183	3550 to 3700	Pass
		3679.98	20	21.6	3659.702	3698.07	-0.0297	3550 to 3700	Pass
		3679.98		24	3659.566	3698.677	-0.0233	3550 to 3700	Pass
		3679.98		26.4	3659.466	3698.882	-0.0219	3550 to 3700	Pass
		3679.98	-30	24	3659.712	3698.809	-0.0196	3550 to 3700	Pass
		3679.98	-20	24	3659.934	3698.944	-0.0147	3550 to 3700	Pass
		3679.98	-10	24	3659.709	3698.38	-0.0254	3550 to 3700	Pass
		3679.98	0	24	3659.423	3698.281	-0.0307	3550 to 3700	Pass



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TM3.1	10MHz	3555	20	50.4	3550.678	3559.764	0.0062	3550 to 3700	Pass
		3555		56	3550.925	3559.242	0.0023	3550 to 3700	Pass
		3555		61.6	3550.481	3559.26	-0.0036	3550 to 3700	Pass
		3555	-30	56	3550.955	3559.735	0.0097	3550 to 3700	Pass
		3555	-20	56	3550.094	3559.327	-0.0081	3550 to 3700	Pass
		3555	-10	56	3550.307	3559.997	0.0043	3550 to 3700	Pass
		3555	0	56	3550.972	3559.058	0.0004	3550 to 3700	Pass
		3555	10	56	3550.159	3559.509	-0.0047	3550 to 3700	Pass
		3555	30	56	3550.451	3559.657	0.0015	3550 to 3700	Pass
		3555	40	56	3550.583	3559.887	0.0066	3550 to 3700	Pass
		3555	50	56	3550.045	3559.427	-0.0074	3550 to 3700	Pass
		3624.99	20	50.4	3620.993	3629.45	0.0064	3550 to 3700	Pass
		3624.99		56	3620.267	3629.518	-0.0027	3550 to 3700	Pass
		3624.99		61.6	3620.797	3629.058	-0.0017	3550 to 3700	Pass
		3624.99	-30	56	3620.299	3629.919	0.0033	3550 to 3700	Pass
		3624.99	-20	56	3620.909	3629.201	0.0018	3550 to 3700	Pass
		3624.99	-10	56	3620.964	3629.129	0.0016	3550 to 3700	Pass
		3624.99	0	56	3620.677	3629.958	0.0090	3550 to 3700	Pass
		3624.99	10	56	3620.758	3629.617	0.0054	3550 to 3700	Pass
		3624.99	30	56	3620.933	3629.276	0.0032	3550 to 3700	Pass
		3624.99	40	56	3620.7	3629.034	-0.0034	3550 to 3700	Pass
		3624.99	50	56	3620.761	3629.429	0.0029	3550 to 3700	Pass
		3694.98	20	21.6	3690.123	3699.668	-0.0023	3550 to 3700	Pass
		3694.98		24	3690.485	3699.886	0.0056	3550 to 3700	Pass
		3694.98		26.4	3690.597	3699.61	0.0033	3550 to 3700	Pass
		3694.98	-30	24	3690.305	3699.032	-0.0084	3550 to 3700	Pass
		3694.98	-20	24	3690.549	3699.823	0.0056	3550 to 3700	Pass
		3694.98	-10	24	3690.368	3699.122	-0.0064	3550 to 3700	Pass
		3694.98	0	24	3690.944	3699.278	0.0035	3550 to 3700	Pass



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		(MHz)	(°C)	(VDC)	(GHz)	(GHz)	(ppm)	(MHz)	
TM3.1	20MHz	3560.01	20	50.4	3550.258	3569.782	0.0003	3550 to 3700	Pass
		3560.01		56	3550.754	3569.145	-0.0017	3550 to 3700	Pass
		3560.01		61.6	3550.143	3569.894	0.0002	3550 to 3700	Pass
		3560.01	-30	56	3550.846	3569.626	0.0063	3550 to 3700	Pass
		3560.01	-20	56	3550.923	3569.898	0.0112	3550 to 3700	Pass
		3560.01	-10	56	3550.925	3569.733	0.0090	3550 to 3700	Pass
		3560.01	0	56	3550.461	3569.41	-0.0021	3550 to 3700	Pass
		3560.01	10	56	3550.934	3569.894	0.0113	3550 to 3700	Pass
		3560.01	30	56	3550.623	3569.535	0.0019	3550 to 3700	Pass
		3560.01	40	56	3550.678	3569.409	0.0009	3550 to 3700	Pass
		3560.01	50	56	3550.023	3569.751	-0.0035	3550 to 3700	Pass
		3624.99	20	50.4	3615.984	3634.659	0.0091	3550 to 3700	Pass
		3624.99		56	3615.328	3634.785	0.0018	3550 to 3700	Pass
		3624.99		61.6	3615.196	3634.549	-0.0032	3550 to 3700	Pass
		3624.99	-30	56	3615.91	3634.239	0.0023	3550 to 3700	Pass
		3624.99	-20	56	3615.6	3634.397	0.0002	3550 to 3700	Pass
		3624.99	-10	56	3615.083	3634.541	-0.0049	3550 to 3700	Pass
		3624.99	0	56	3615.519	3634.707	0.0034	3550 to 3700	Pass
		3624.99	10	56	3615.88	3634.564	0.0064	3550 to 3700	Pass
		3624.99	30	56	3615.19	3634.375	-0.0057	3550 to 3700	Pass
		3624.99	40	56	3615.627	3634.858	0.0070	3550 to 3700	Pass
		3624.99	50	56	3615.332	3634.015	-0.0087	3550 to 3700	Pass
		3690	20	21.6	3680.013	3699.729	-0.0035	3550 to 3700	Pass
		3690		24	3680.121	3699.999	0.0016	3550 to 3700	Pass
		3690		26.4	3680.239	3699.039	-0.0098	3550 to 3700	Pass
		3690	-30	24	3680.048	3699.475	-0.0065	3550 to 3700	Pass
		3690	-20	24	3680.162	3699.762	-0.0010	3550 to 3700	Pass
		3690	-10	24	3680.849	3699.852	0.0095	3550 to 3700	Pass
		3690	0	24	3680.849	3699.674	0.0071	3550 to 3700	Pass



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Test mode	Bandwidth (MHz)	Frequency	Temp.	Voltage	FL	FH	Freq. Rated	Limit	Verdict
		(MHz)	(°C)	(VDC)	(GHz)	(GHz)	(ppm)	(MHz)	
TM3.1	30MHz	3565.02	20	50.4	3550.061	3579.191	-0.0111	3550 to 3700	Pass
		3565.02		56	3550.551	3579.193	-0.0042	3550 to 3700	Pass
		3565.02		61.6	3550.451	3579.536	-0.0007	3550 to 3700	Pass
		3565.02	-30	56	3550.034	3579.687	-0.0045	3550 to 3700	Pass
		3565.02	-20	56	3550.166	3579.186	-0.0096	3550 to 3700	Pass
		3565.02	-10	56	3550.029	3579.076	-0.0131	3550 to 3700	Pass
		3565.02	0	56	3550.807	3579.087	-0.0020	3550 to 3700	Pass
		3565.02	10	56	3550.811	3579.388	0.0022	3550 to 3700	Pass
		3565.02	30	56	3550.748	3579.761	0.0066	3550 to 3700	Pass
		3565.02	40	56	3550.172	3579.561	-0.0043	3550 to 3700	Pass
		3565.02	50	56	3550.057	3579.66	-0.0045	3550 to 3700	Pass
		3624.99	20	50.4	3609.397	3638.206	-0.0328	3550 to 3700	Pass
		3624.99		56	3609.016	3638.493	-0.0341	3550 to 3700	Pass
		3624.99		61.6	3609.572	3638.434	-0.0272	3550 to 3700	Pass
		3624.99	-30	56	3609.793	3638.243	-0.0268	3550 to 3700	Pass
		3624.99	-20	56	3609.42	3638.141	-0.0334	3550 to 3700	Pass
		3624.99	-10	56	3609.584	3638.861	-0.0212	3550 to 3700	Pass
		3624.99	0	56	3609.183	3638.463	-0.0322	3550 to 3700	Pass
		3624.99	10	56	3609.024	3638.172	-0.0384	3550 to 3700	Pass
		3624.99	30	56	3609.717	3638.047	-0.0306	3550 to 3700	Pass
		3624.99	40	56	3609.567	3638.165	-0.0310	3550 to 3700	Pass
		3624.99	50	56	3609.107	3638.972	-0.0262	3550 to 3700	Pass
		3684.99	20	21.6	3669.767	3698.754	-0.0198	3550 to 3700	Pass
		3684.99		24	3669.881	3698.137	-0.0266	3550 to 3700	Pass
		3684.99		26.4	3669.139	3698.847	-0.0271	3550 to 3700	Pass
		3684.99	-30	24	3669.440	3698.409	-0.0289	3550 to 3700	Pass
		3684.99	-20	24	3669.440	3698.154	-0.0324	3550 to 3700	Pass
		3684.99	-10	24	3669.436	3698.894	-0.0224	3550 to 3700	Pass
		3684.99	0	24	3669.412	3698.767	-0.0244	3550 to 3700	Pass



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Test mode	Bandwidth (MHz)	Frequency	Temp.	Voltage	FL	FH	Freq. Rated	Limit	Verdict
		(MHz)	(°C)	(VDC)	(GHz)	(GHz)	(ppm)	(MHz)	
TM3.1	40MHz	3570	20	50.4	3550.518	3589.244	-0.0033	3550 to 3700	Pass
		3570		56	3550.128	3589.306	-0.0079	3550 to 3700	Pass
		3570		61.6	3550.759	3589.431	0.0027	3550 to 3700	Pass
		3570	-30	56	3550.951	3589.424	0.0053	3550 to 3700	Pass
		3570	-20	56	3550.509	3589.234	-0.0036	3550 to 3700	Pass
		3570	-10	56	3550.017	3589.215	-0.0108	3550 to 3700	Pass
		3570	0	56	3550.710	3589.256	-0.0005	3550 to 3700	Pass
		3570	10	56	3550.491	3589.908	0.0056	3550 to 3700	Pass
		3570	30	56	3550.001	3589.898	-0.0014	3550 to 3700	Pass
		3570	40	56	3550.797	3589.021	-0.0025	3550 to 3700	Pass
		3570	50	56	3550.793	3589.098	-0.0015	3550 to 3700	Pass
		3624.99	20	50.4	3604.705	3643.416	-0.0256	3550 to 3700	Pass
		3624.99		56	3604.406	3643.746	-0.0252	3550 to 3700	Pass
		3624.99		61.6	3604.555	3643.606	-0.0251	3550 to 3700	Pass
		3624.99	-30	56	3604.084	3643.92	-0.0273	3550 to 3700	Pass
		3624.99	-20	56	3604.506	3643.063	-0.0333	3550 to 3700	Pass
		3624.99	-10	56	3604.160	3643.1	-0.0375	3550 to 3700	Pass
		3624.99	0	56	3604.638	3643.796	-0.0213	3550 to 3700	Pass
		3624.99	10	56	3604.841	3643.338	-0.0248	3550 to 3700	Pass
		3624.99	30	56	3604.300	3643.875	-0.0249	3550 to 3700	Pass
		3624.99	40	56	3604.629	3643.282	-0.0285	3550 to 3700	Pass
		3624.99	50	56	3604.312	3643.326	-0.0323	3550 to 3700	Pass
		3679.98	20	21.6	3659.325	3698.227	-0.0327	3550 to 3700	Pass
		3679.98		24	3659.965	3698.882	-0.0151	3550 to 3700	Pass
		3679.98		26.4	3659.087	3698.595	-0.0310	3550 to 3700	Pass
		3679.98	-30	24	3659.003	3698.386	-0.0349	3550 to 3700	Pass
		3679.98	-20	24	3659.393	3698.335	-0.0303	3550 to 3700	Pass
		3679.98	-10	24	3659.292	3698.502	-0.0294	3550 to 3700	Pass
		3679.98	0	24	3659.469	3698.029	-0.0335	3550 to 3700	Pass



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Test mode	Bandwidth (MHz)	Frequency	Temp.	Voltage	FL	FH	Freq. Rated	Limit	Verdict
		(MHz)	(°C)	(VDC)	(GHz)	(GHz)	(ppm)	(MHz)	
TM3.1a	10MHz	3555	20	50.4	3550.914	3559.186	0.0014	3550 to 3700	Pass
		3555		56	3550.509	3559.815	0.0046	3550 to 3700	Pass
		3555		61.6	3550.998	3559.148	0.0021	3550 to 3700	Pass
		3555	-30	56	3550.808	3559.954	0.0107	3550 to 3700	Pass
		3555	-20	56	3550.261	3559.126	-0.0086	3550 to 3700	Pass
		3555	-10	56	3550.629	3559.345	-0.0004	3550 to 3700	Pass
		3555	0	56	3550.912	3559.962	0.0123	3550 to 3700	Pass
		3555	10	56	3550.699	3559.319	0.0003	3550 to 3700	Pass
		3555	30	56	3550.697	3559.035	-0.0038	3550 to 3700	Pass
		3555	40	56	3550.279	3559.466	-0.0036	3550 to 3700	Pass
		3555	50	56	3550.015	3559.421	-0.0079	3550 to 3700	Pass
		3624.99	20	50.4	3620.621	3629.638	0.0038	3550 to 3700	Pass
		3624.99		56	3620.622	3629.839	0.0066	3550 to 3700	Pass
		3624.99		61.6	3620.747	3629.37	0.0019	3550 to 3700	Pass
		3624.99	-30	56	3620.282	3629.095	-0.0083	3550 to 3700	Pass
		3624.99	-20	56	3620.496	3629.558	0.0010	3550 to 3700	Pass
		3624.99	-10	56	3620.064	3629.775	-0.0019	3550 to 3700	Pass
		3624.99	0	56	3620.557	3629.486	0.0009	3550 to 3700	Pass
		3624.99	10	56	3620.016	3629.766	-0.0027	3550 to 3700	Pass
		3624.99	30	56	3620.555	3629.631	0.0028	3550 to 3700	Pass
		3624.99	40	56	3620.029	3629.993	0.0006	3550 to 3700	Pass
		3624.99	50	56	3620.941	3629.307	0.0037	3550 to 3700	Pass
		3694.98	20	21.6	3690.29	3699.086	-0.0079	3550 to 3700	Pass
		3694.98		24	3690.816	3699.726	0.0079	3550 to 3700	Pass
		3694.98		26.4	3690.627	3699.569	0.0032	3550 to 3700	Pass
		3694.98	-30	24	3690.679	3699.152	-0.0017	3550 to 3700	Pass
		3694.98	-20	24	3690.196	3699.505	-0.0035	3550 to 3700	Pass
		3694.98	-10	24	3690.899	3699.171	0.0015	3550 to 3700	Pass
		3694.98	0	24	3690.14	3699.345	-0.0064	3550 to 3700	Pass



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		(MHz)	(°C)	(VDC)	(GHz)	(GHz)	(ppm)	(MHz)	
TM3.1a	20MHz	3560.01	20	50.4	3550.684	3569.434	0.0014	3550 to 3700	Pass
		3560.01		56	3550.859	3569.494	0.0047	3550 to 3700	Pass
		3560.01		61.6	3550.257	3569.497	-0.0037	3550 to 3700	Pass
		3560.01	-30	56	3550.272	3569.773	0.0004	3550 to 3700	Pass
		3560.01	-20	56	3550.44	3569.493	-0.0012	3550 to 3700	Pass
		3560.01	-10	56	3550.725	3569.825	0.0074	3550 to 3700	Pass
		3560.01	0	56	3550.793	3569.473	0.0035	3550 to 3700	Pass
		3560.01	10	56	3550.593	3569.224	-0.0029	3550 to 3700	Pass
		3560.01	30	56	3550.092	3569.126	-0.0113	3550 to 3700	Pass
		3560.01	40	56	3550.143	3569.689	-0.0026	3550 to 3700	Pass
		3560.01	50	56	3550.745	3569.786	0.0072	3550 to 3700	Pass
		3624.99	20	50.4	3615.542	3634.658	0.0030	3550 to 3700	Pass
		3624.99		56	3615.027	3634.307	-0.0089	3550 to 3700	Pass
		3624.99		61.6	3615.554	3634.106	-0.0044	3550 to 3700	Pass
		3624.99	-30	56	3615.649	3634.179	-0.0021	3550 to 3700	Pass
		3624.99	-20	56	3615.488	3634.158	-0.0046	3550 to 3700	Pass
		3624.99	-10	56	3615.493	3634.101	-0.0053	3550 to 3700	Pass
		3624.99	0	56	3615.847	3634.087	-0.0006	3550 to 3700	Pass
		3624.99	10	56	3615.443	3634.052	-0.0067	3550 to 3700	Pass
		3624.99	30	56	3615.378	3634.595	-0.0001	3550 to 3700	Pass
		3624.99	40	56	3615.045	3634.395	-0.0074	3550 to 3700	Pass
		3624.99	50	56	3615.255	3634.825	0.0014	3550 to 3700	Pass
		3690	20	21.6	3680.107	3699.89	0.0000	3550 to 3700	Pass
		3690		24	3680.598	3699.094	-0.0042	3550 to 3700	Pass
		3690		26.4	3680.23	3699.682	-0.0012	3550 to 3700	Pass
		3690	-30	24	3680.589	3699.115	-0.0040	3550 to 3700	Pass
		3690	-20	24	3680.807	3699.448	0.0035	3550 to 3700	Pass
		3690	-10	24	3680.631	3699.731	0.0049	3550 to 3700	Pass
		3690	0	24	3680.465	3699.537	0.0000	3550 to 3700	Pass



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		(MHz)	(°C)	(VDC)	(GHz)	(GHz)	(ppm)	(MHz)	
TM3.1a	30MHz	3565.02	20	50.4	3550.111	3579.441	-0.0068	3550 to 3700	Pass
		3565.02		56	3550.911	3579.292	0.0023	3550 to 3700	Pass
		3565.02		61.6	3550.049	3579.053	-0.0132	3550 to 3700	Pass
		3565.02	-30	56	3550.329	3579.028	-0.0096	3550 to 3700	Pass
		3565.02	-20	56	3550.09	3579.054	-0.0126	3550 to 3700	Pass
		3565.02	-10	56	3550.386	3579.49	-0.0023	3550 to 3700	Pass
		3565.02	0	56	3550.785	3579.15	-0.0015	3550 to 3700	Pass
		3565.02	10	56	3550.566	3579.03	-0.0062	3550 to 3700	Pass
		3565.02	30	56	3550.371	3579.16	-0.0071	3550 to 3700	Pass
		3565.02	40	56	3550.482	3579.623	0.0009	3550 to 3700	Pass
		3565.02	50	56	3550.532	3579.729	0.0031	3550 to 3700	Pass
		3624.99	20	50.4	3609.817	3638.378	-0.0246	3550 to 3700	Pass
		3624.99		56	3609.625	3638.734	-0.0224	3550 to 3700	Pass
		3624.99		61.6	3609.612	3638.167	-0.0304	3550 to 3700	Pass
		3624.99	-30	56	3609.357	3638.9	-0.0238	3550 to 3700	Pass
		3624.99	-20	56	3609.709	3638.561	-0.0236	3550 to 3700	Pass
		3624.99	-10	56	3609.679	3638.368	-0.0267	3550 to 3700	Pass
		3624.99	0	56	3609.58	3638.631	-0.0244	3550 to 3700	Pass
		3624.99	10	56	3609.755	3638.148	-0.0286	3550 to 3700	Pass
		3624.99	30	56	3609.86	3638.972	-0.0158	3550 to 3700	Pass
		3624.99	40	56	3609.314	3638.256	-0.0332	3550 to 3700	Pass
		3624.99	50	56	3609.724	3638.155	-0.0290	3550 to 3700	Pass
		3684.99	20	21.6	3669.899	3698.375	-0.0231	3550 to 3700	Pass
		3684.99		24	3669.908	3698.092	-0.0269	3550 to 3700	Pass
		3684.99		26.4	3669.530	3698.629	-0.0247	3550 to 3700	Pass
		3684.99	-30	24	3669.682	3698.044	-0.0306	3550 to 3700	Pass
		3684.99	-20	24	3669.170	3698.766	-0.0277	3550 to 3700	Pass
		3684.99	-10	24	3669.627	3698.994	-0.0184	3550 to 3700	Pass
		3684.99	0	24	3669.937	3698.05	-0.0270	3550 to 3700	Pass



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Test mode	Bandwidth (MHz)	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	FL (GHz)	FH (GHz)	Freq. Rated (ppm)	Limit (MHz)	Verdict
TM3.1a	40MHz	3570	20	50.4	3550.217	3589.15	-0.0089	3550 to 3700	Pass
		3570		56	3550.313	3589.911	0.0031	3550 to 3700	Pass
		3570		61.6	3550.527	3589.58	0.0015	3550 to 3700	Pass
		3570	-30	56	3550.866	3589.691	0.0078	3550 to 3700	Pass
		3570	-20	56	3550.079	3589.617	-0.0043	3550 to 3700	Pass
		3570	-10	56	3550.578	3589.223	-0.0028	3550 to 3700	Pass
		3570	0	56	3550.546	3589.186	-0.0038	3550 to 3700	Pass
		3570	10	56	3550.595	3589.297	-0.0015	3550 to 3700	Pass
		3570	30	56	3550.349	3589.368	-0.0040	3550 to 3700	Pass
		3570	40	56	3550.342	3589.513	-0.0020	3550 to 3700	Pass
		3570	50	56	3550.265	3589.599	-0.0019	3550 to 3700	Pass
		3624.99	20	50.4	3604.919	3643.598	-0.0202	3550 to 3700	Pass
		3624.99		56	3604.478	3643.911	-0.0219	3550 to 3700	Pass
		3624.99		61.6	3604.694	3643.784	-0.0207	3550 to 3700	Pass
		3624.99	-30	56	3604.635	3643.5	-0.0254	3550 to 3700	Pass
		3624.99	-20	56	3604.744	3643.129	-0.0291	3550 to 3700	Pass
		3624.99	-10	56	3604.605	3643.446	-0.0266	3550 to 3700	Pass
		3624.99	0	56	3604.264	3643.718	-0.0276	3550 to 3700	Pass
		3624.99	10	56	3604.520	3643.54	-0.0265	3550 to 3700	Pass
		3624.99	30	56	3604.687	3643.989	-0.0180	3550 to 3700	Pass
		3624.99	40	56	3604.919	3643.785	-0.0176	3550 to 3700	Pass
		3624.99	50	56	3604.137	3643.327	-0.0347	3550 to 3700	Pass
		3679.98	20	21.6	3659.116	3698.184	-0.0361	3550 to 3700	Pass
		3679.98		24	3659.122	3698.361	-0.0337	3550 to 3700	Pass
		3679.98		26.4	3659.885	3698.808	-0.0172	3550 to 3700	Pass
		3679.98	-30	24	3659.870	3698.665	-0.0194	3550 to 3700	Pass
		3679.98	-20	24	3659.747	3698.362	-0.0251	3550 to 3700	Pass
		3679.98	-10	24	3659.951	3698.652	-0.0184	3550 to 3700	Pass
		3679.98	0	24	3659.241	3698.421	-0.0312	3550 to 3700	Pass

- End of the Appendix -



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