

				30	12	1.371	0.0004	-2.5 to 2.5	Pass
				40	12	5.357	0.0015	-2.5 to 2.5	Pass
				50	12	2.559	0.0007	-2.5 to 2.5	Pass
64QAM	3555	50	0	20	10.8	0.965	0.0003	-2.5 to 2.5	Pass
					12	-0.241	-0.0001	-2.5 to 2.5	Pass
					13.2	3.632	0.0010	-2.5 to 2.5	Pass
				-30	12	10.424	0.0029	-2.5 to 2.5	Pass
				-20	12	2.946	0.0008	-2.5 to 2.5	Pass
				-10	12	9.209	0.0026	-2.5 to 2.5	Pass
				0	12	3.817	0.0011	-2.5 to 2.5	Pass
				10	12	5.475	0.0015	-2.5 to 2.5	Pass
				30	12	-2.137	-0.0006	-2.5 to 2.5	Pass
				40	12	4.449	0.0013	-2.5 to 2.5	Pass
				50	12	5.980	0.0017	-2.5 to 2.5	Pass
	3575	50	0	20	10.8	7.200	0.0020	-2.5 to 2.5	Pass
					12	-5.041	-0.0014	-2.5 to 2.5	Pass
					13.2	1.929	0.0005	-2.5 to 2.5	Pass
				-30	12	1.122	0.0003	-2.5 to 2.5	Pass
				-20	12	-3.121	-0.0009	-2.5 to 2.5	Pass
				-10	12	1.793	0.0005	-2.5 to 2.5	Pass
				0	12	0.457	0.0001	-2.5 to 2.5	Pass
				10	12	1.553	0.0004	-2.5 to 2.5	Pass
				30	12	5.664	0.0016	-2.5 to 2.5	Pass
				40	12	-2.939	-0.0008	-2.5 to 2.5	Pass
				50	12	0.017	0.0000	-2.5 to 2.5	Pass
	3595	50	0	20	10.8	5.482	0.0015	-2.5 to 2.5	Pass
					12	2.043	0.0006	-2.5 to 2.5	Pass
					13.2	-1.111	-0.0003	-2.5 to 2.5	Pass
				-30	12	10.284	0.0029	-2.5 to 2.5	Pass
				-20	12	4.310	0.0012	-2.5 to 2.5	Pass
				-10	12	3.477	0.0010	-2.5 to 2.5	Pass
				0	12	-0.809	-0.0002	-2.5 to 2.5	Pass
				10	12	-5.866	-0.0016	-2.5 to 2.5	Pass
				30	12	7.377	0.0021	-2.5 to 2.5	Pass
				40	12	-3.118	-0.0009	-2.5 to 2.5	Pass
				50	12	6.842	0.0019	-2.5 to 2.5	Pass
256QAM	3555	50	0	20	10.8	-0.523	-0.0001	-2.5 to 2.5	Pass
					12	2.505	0.0007	-2.5 to 2.5	Pass
					13.2	0.467	0.0001	-2.5 to 2.5	Pass
				-30	12	5.101	0.0014	-2.5 to 2.5	Pass
				-20	12	3.289	0.0009	-2.5 to 2.5	Pass
				-10	12	8.970	0.0025	-2.5 to 2.5	Pass
				0	12	2.851	0.0008	-2.5 to 2.5	Pass
				10	12	4.045	0.0011	-2.5 to 2.5	Pass
				30	12	1.943	0.0005	-2.5 to 2.5	Pass
				40	12	-2.301	-0.0006	-2.5 to 2.5	Pass
				50	12	6.779	0.0019	-2.5 to 2.5	Pass
	3575	50	0	20	10.8	4.091	0.0011	-2.5 to 2.5	Pass
					12	3.720	0.0010	-2.5 to 2.5	Pass
					13.2	5.412	0.0015	-2.5 to 2.5	Pass
				-30	12	0.596	0.0002	-2.5 to 2.5	Pass
				-20	12	5.528	0.0015	-2.5 to 2.5	Pass
				-10	12	0.521	0.0001	-2.5 to 2.5	Pass
				0	12	-0.284	-0.0001	-2.5 to 2.5	Pass



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中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300

0085-51215735088 006-51215737010 www.sgs.com.cn

0085-51215735088 006-51215737010 sgs.china@sgs.com

				10	12	-0.048	0.0000	-2.5 to 2.5	Pass
				30	12	6.616	0.0019	-2.5 to 2.5	Pass
				40	12	-1.093	-0.0003	-2.5 to 2.5	Pass
				50	12	-4.860	-0.0014	-2.5 to 2.5	Pass
	3595	50	0	20	10.8	4.970	0.0014	-2.5 to 2.5	Pass
					12	3.360	0.0009	-2.5 to 2.5	Pass
					13.2	-0.173	0.0000	-2.5 to 2.5	Pass
				-30	12	1.374	0.0004	-2.5 to 2.5	Pass
				-20	12	3.778	0.0011	-2.5 to 2.5	Pass
				-10	12	-0.135	0.0000	-2.5 to 2.5	Pass
				0	12	0.550	0.0002	-2.5 to 2.5	Pass
				10	12	1.221	0.0003	-2.5 to 2.5	Pass
				30	12	3.492	0.0010	-2.5 to 2.5	Pass
				40	12	3.774	0.0010	-2.5 to 2.5	Pass
				50	12	3.926	0.0011	-2.5 to 2.5	Pass

12.3 B42c_15MHz

12.3.1 Test Result

Band: 42c / 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	10.8	-2.891	-0.0008	-2.5 to 2.5	Pass
					12	-2.068	-0.0006	-2.5 to 2.5	Pass
					13.2	0.153	0.0000	-2.5 to 2.5	Pass
				-30	12	-0.727	-0.0002	-2.5 to 2.5	Pass
				-20	12	-0.780	-0.0002	-2.5 to 2.5	Pass
				-10	12	1.079	0.0003	-2.5 to 2.5	Pass
				0	12	2.502	0.0007	-2.5 to 2.5	Pass
				10	12	2.282	0.0006	-2.5 to 2.5	Pass
				30	12	2.138	0.0006	-2.5 to 2.5	Pass
				40	12	6.101	0.0017	-2.5 to 2.5	Pass
				50	12	-0.879	-0.0002	-2.5 to 2.5	Pass
	3575	75	0	20	10.8	3.415	0.0010	-2.5 to 2.5	Pass
					12	-1.437	-0.0004	-2.5 to 2.5	Pass
					13.2	3.535	0.0010	-2.5 to 2.5	Pass
				-30	12	-9.243	-0.0026	-2.5 to 2.5	Pass
				-20	12	2.697	0.0008	-2.5 to 2.5	Pass
				-10	12	2.570	0.0007	-2.5 to 2.5	Pass
				0	12	3.792	0.0011	-2.5 to 2.5	Pass
				10	12	3.799	0.0011	-2.5 to 2.5	Pass
				30	12	5.503	0.0015	-2.5 to 2.5	Pass
				40	12	1.637	0.0005	-2.5 to 2.5	Pass
				50	12	0.169	0.0000	-2.5 to 2.5	Pass
	3592.5	75	0	20	10.8	3.911	0.0011	-2.5 to 2.5	Pass
					12	0.693	0.0002	-2.5 to 2.5	Pass
					13.2	-3.131	-0.0009	-2.5 to 2.5	Pass
				-30	12	-2.833	-0.0008	-2.5 to 2.5	Pass
				-20	12	-0.647	-0.0002	-2.5 to 2.5	Pass
				-10	12	-1.182	-0.0003	-2.5 to 2.5	Pass
				0	12	3.244	0.0009	-2.5 to 2.5	Pass



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No. 18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路18号 邮编 215300

0085-51215735088 006-51215737011 www.sgs.com

0085-51215735088 006-51215737011 sgs.china@sgs.com

				10	12	2.816	0.0008	-2.5 to 2.5	Pass
				30	12	-0.616	-0.0002	-2.5 to 2.5	Pass
				40	12	3.956	0.0011	-2.5 to 2.5	Pass
				50	12	2.370	0.0007	-2.5 to 2.5	Pass
16QAM	3557.5	75	0	20	10.8	-0.562	-0.0002	-2.5 to 2.5	Pass
					12	1.202	0.0003	-2.5 to 2.5	Pass
					13.2	3.261	0.0009	-2.5 to 2.5	Pass
				-30	12	-1.214	-0.0003	-2.5 to 2.5	Pass
				-20	12	6.610	0.0019	-2.5 to 2.5	Pass
				-10	12	-2.606	-0.0007	-2.5 to 2.5	Pass
				0	12	1.254	0.0004	-2.5 to 2.5	Pass
				10	12	4.934	0.0014	-2.5 to 2.5	Pass
				30	12	-1.775	-0.0005	-2.5 to 2.5	Pass
				40	12	2.857	0.0008	-2.5 to 2.5	Pass
				50	12	10.81	0.0009	-2.5 to 2.5	Pass
				3575	75	0	20	10.8	1.788
	12	-0.247	-0.0001					-2.5 to 2.5	Pass
	13.2	-1.824	-0.0005					-2.5 to 2.5	Pass
	-30	12	-4.204				-0.0012	-2.5 to 2.5	Pass
	-20	12	1.714				0.0005	-2.5 to 2.5	Pass
	-10	12	5.313				0.0015	-2.5 to 2.5	Pass
	0	12	-3.005				-0.0008	-2.5 to 2.5	Pass
	10	12	5.121				0.0014	-2.5 to 2.5	Pass
	30	12	-0.859				-0.0002	-2.5 to 2.5	Pass
	40	12	3.999				0.0011	-2.5 to 2.5	Pass
	50	12	7.009				0.0020	-2.5 to 2.5	Pass
	3592.5	75	0				20	10.8	3.483
				12	5.042	0.0014		-2.5 to 2.5	Pass
				13.2	-3.265	-0.0009		-2.5 to 2.5	Pass
				-30	12	-0.179	0.0000	-2.5 to 2.5	Pass
				-20	12	8.191	0.0023	-2.5 to 2.5	Pass
				-10	12	1.671	0.0005	-2.5 to 2.5	Pass
				0	12	7.514	0.0021	-2.5 to 2.5	Pass
				10	12	0.957	0.0003	-2.5 to 2.5	Pass
				30	12	-1.105	-0.0003	-2.5 to 2.5	Pass
				40	12	6.113	0.0017	-2.5 to 2.5	Pass
50				12	2.657	0.0007	-2.5 to 2.5	Pass	
64QAM				3557.5	75	0	20	10.8	1.437
	12	0.819	0.0002					-2.5 to 2.5	Pass
	13.2	5.184	0.0015					-2.5 to 2.5	Pass
	-30	12	3.059				0.0009	-2.5 to 2.5	Pass
	-20	12	1.832				0.0005	-2.5 to 2.5	Pass
	-10	12	0.132				0.0000	-2.5 to 2.5	Pass
	0	12	-2.275				-0.0006	-2.5 to 2.5	Pass
	10	12	9.013				0.0025	-2.5 to 2.5	Pass
	30	12	-2.175				-0.0006	-2.5 to 2.5	Pass
	40	12	1.126				0.0003	-2.5 to 2.5	Pass
	50	12	1.112				0.0003	-2.5 to 2.5	Pass
	3575	75	0				20	10.8	1.681
				12	2.517	0.0007		-2.5 to 2.5	Pass
				13.2	5.649	0.0016		-2.5 to 2.5	Pass
				-30	12	6.184	0.0017	-2.5 to 2.5	Pass
				-20	12	-3.475	-0.0010	-2.5 to 2.5	Pass
				-10	12	4.257	0.0012	-2.5 to 2.5	Pass



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86-5125735888 86-5125737000 www.sgs.com.cn
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256QAM				0	12	1.282	0.0004	-2.5 to 2.5	Pass
				10	12	5.113	0.0014	-2.5 to 2.5	Pass
				30	12	-1.460	-0.0004	-2.5 to 2.5	Pass
				40	12	4.089	0.0011	-2.5 to 2.5	Pass
				50	12	-1.079	-0.0003	-2.5 to 2.5	Pass
	3592.5	75	0	20	10.8	8.211	0.0023	-2.5 to 2.5	Pass
					12	3.371	0.0009	-2.5 to 2.5	Pass
					13.2	4.922	0.0014	-2.5 to 2.5	Pass
				-30	12	2.707	0.0008	-2.5 to 2.5	Pass
				-20	12	-1.065	-0.0003	-2.5 to 2.5	Pass
				-10	12	6.324	0.0018	-2.5 to 2.5	Pass
				0	12	5.085	0.0014	-2.5 to 2.5	Pass
				10	12	5.012	0.0014	-2.5 to 2.5	Pass
				30	12	6.302	0.0018	-2.5 to 2.5	Pass
				40	12	6.395	0.0018	-2.5 to 2.5	Pass
				50	12	6.444	0.0018	-2.5 to 2.5	Pass
	3557.5	75	0	20	10.8	4.705	0.0013	-2.5 to 2.5	Pass
					12	5.736	0.0016	-2.5 to 2.5	Pass
					13.2	-4.110	-0.0012	-2.5 to 2.5	Pass
				-30	12	-1.847	-0.0005	-2.5 to 2.5	Pass
				-20	12	-2.587	-0.0007	-2.5 to 2.5	Pass
				-10	12	0.898	0.0003	-2.5 to 2.5	Pass
				0	12	-2.488	-0.0007	-2.5 to 2.5	Pass
				10	12	0.786	0.0002	-2.5 to 2.5	Pass
				30	12	0.275	0.0001	-2.5 to 2.5	Pass
				40	12	2.342	0.0007	-2.5 to 2.5	Pass
				50	12	-1.634	-0.0005	-2.5 to 2.5	Pass
	3575	75	0	20	10.8	2.585	0.0007	-2.5 to 2.5	Pass
					12	3.430	0.0010	-2.5 to 2.5	Pass
					13.2	0.268	0.0001	-2.5 to 2.5	Pass
				-30	12	3.708	0.0010	-2.5 to 2.5	Pass
				-20	12	0.389	0.0001	-2.5 to 2.5	Pass
				-10	12	6.614	0.0019	-2.5 to 2.5	Pass
				0	12	-1.628	-0.0005	-2.5 to 2.5	Pass
				10	12	3.506	0.0010	-2.5 to 2.5	Pass
				30	12	1.676	0.0005	-2.5 to 2.5	Pass
				40	12	3.358	0.0009	-2.5 to 2.5	Pass
				50	12	-5.089	-0.0014	-2.5 to 2.5	Pass
	3592.5	75	0	20	10.8	5.320	0.0015	-2.5 to 2.5	Pass
					12	5.275	0.0015	-2.5 to 2.5	Pass
					13.2	2.943	0.0008	-2.5 to 2.5	Pass
				-30	12	1.790	0.0005	-2.5 to 2.5	Pass
				-20	12	-3.307	-0.0009	-2.5 to 2.5	Pass
				-10	12	5.498	0.0015	-2.5 to 2.5	Pass
				0	12	0.956	0.0003	-2.5 to 2.5	Pass
				10	12	4.415	0.0012	-2.5 to 2.5	Pass
				30	12	0.561	0.0002	-2.5 to 2.5	Pass
				40	12	8.070	0.0022	-2.5 to 2.5	Pass
				50	12	-0.813	-0.0002	-2.5 to 2.5	Pass

12.4 B42c_20MHz



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 中国·江苏·昆山市留学生创业园伟业路18号 邮编 215300

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Test Report Form Version: Rev01

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12.4.1 Test Result

Band: 42c / 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	10.8	-2.596	-0.0007	-2.5 to 2.5	Pass
					12	1.206	0.0003	-2.5 to 2.5	Pass
					13.2	4.545	0.0013	-2.5 to 2.5	Pass
				-30	12	0.313	0.0001	-2.5 to 2.5	Pass
				-20	12	3.424	0.0010	-2.5 to 2.5	Pass
				-10	12	5.657	0.0016	-2.5 to 2.5	Pass
				0	12	8.613	0.0024	-2.5 to 2.5	Pass
				10	12	-2.206	-0.0006	-2.5 to 2.5	Pass
				30	12	1.612	0.0005	-2.5 to 2.5	Pass
				40	12	4.503	0.0013	-2.5 to 2.5	Pass
				50	12	2.016	0.0006	-2.5 to 2.5	Pass
	3575	100	0	20	10.8	0.601	0.0002	-2.5 to 2.5	Pass
					12	2.160	0.0006	-2.5 to 2.5	Pass
					13.2	4.277	0.0012	-2.5 to 2.5	Pass
				-30	12	3.419	0.0010	-2.5 to 2.5	Pass
				-20	12	3.061	0.0009	-2.5 to 2.5	Pass
				-10	12	2.031	0.0006	-2.5 to 2.5	Pass
				0	12	2.804	0.0008	-2.5 to 2.5	Pass
				10	12	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	12	2.933	0.0008	-2.5 to 2.5	Pass
				40	12	3.247	0.0009	-2.5 to 2.5	Pass
				50	12	3.490	0.0010	-2.5 to 2.5	Pass
	3590	100	0	20	10.8	2.689	0.0007	-2.5 to 2.5	Pass
					12	8.469	0.0024	-2.5 to 2.5	Pass
					13.2	2.131	0.0006	-2.5 to 2.5	Pass
				-30	12	2.289	0.0006	-2.5 to 2.5	Pass
				-20	12	-5.078	-0.0014	-2.5 to 2.5	Pass
				-10	12	0.815	0.0002	-2.5 to 2.5	Pass
				0	12	2.832	0.0008	-2.5 to 2.5	Pass
				10	12	5.565	0.0016	-2.5 to 2.5	Pass
				30	12	1.774	0.0005	-2.5 to 2.5	Pass
				40	12	2.818	0.0008	-2.5 to 2.5	Pass
16QAM	3560	100	0	20	10.8	6.496	0.0018	-2.5 to 2.5	Pass
					12	-1.616	-0.0005	-2.5 to 2.5	Pass
					13.2	1.602	0.0005	-2.5 to 2.5	Pass
				-30	12	4.005	0.0011	-2.5 to 2.5	Pass
				-20	12	2.890	0.0008	-2.5 to 2.5	Pass
				-10	12	2.918	0.0008	-2.5 to 2.5	Pass
				0	12	4.578	0.0013	-2.5 to 2.5	Pass
				10	12	0.544	0.0002	-2.5 to 2.5	Pass
				30	12	-0.401	-0.0001	-2.5 to 2.5	Pass
				40	12	3.061	0.0009	-2.5 to 2.5	Pass
				50	12	3.219	0.0009	-2.5 to 2.5	Pass
	3575	100	0	20	10.8	4.492	0.0013	-2.5 to 2.5	Pass
					12	1.688	0.0005	-2.5 to 2.5	Pass
					13.2	-2.418	-0.0007	-2.5 to 2.5	Pass
				-30	12	1.802	0.0005	-2.5 to 2.5	Pass
				-20	12	3.319	0.0009	-2.5 to 2.5	Pass
				20	10.8	4.492	0.0013	-2.5 to 2.5	Pass
					12	1.688	0.0005	-2.5 to 2.5	Pass

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 by email: CH.Official@sgs.com

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0512-51257350888 0512-51257370911 www.sgs.com
 0512-51257350888 0512-51257370911 sgs.china@sgs.com

				-10	12	1.588	0.0004	-2.5 to 2.5	Pass
				0	12	0.916	0.0003	-2.5 to 2.5	Pass
				10	12	2.518	0.0007	-2.5 to 2.5	Pass
				30	12	2.089	0.0006	-2.5 to 2.5	Pass
				40	12	2.017	0.0006	-2.5 to 2.5	Pass
				50	12	-1.044	-0.0003	-2.5 to 2.5	Pass
	3590	100	0	20	10.8	3.948	0.0011	-2.5 to 2.5	Pass
					12	7.582	0.0021	-2.5 to 2.5	Pass
					13.2	1.631	0.0005	-2.5 to 2.5	Pass
				-30	12	2.246	0.0006	-2.5 to 2.5	Pass
				-20	12	0.715	0.0002	-2.5 to 2.5	Pass
				-10	12	2.432	0.0007	-2.5 to 2.5	Pass
				0	12	2.546	0.0007	-2.5 to 2.5	Pass
				10	12	2.131	0.0006	-2.5 to 2.5	Pass
				30	12	3.562	0.0010	-2.5 to 2.5	Pass
				40	12	5.765	0.0016	-2.5 to 2.5	Pass
				50	12	-3.119	-0.0009	-2.5 to 2.5	Pass
64QAM	3560	100	0	20	10.8	3.347	0.0009	-2.5 to 2.5	Pass
					12	2.761	0.0008	-2.5 to 2.5	Pass
					13.2	0.801	0.0002	-2.5 to 2.5	Pass
				-30	12	-0.143	0.0000	-2.5 to 2.5	Pass
				-20	12	4.606	0.0013	-2.5 to 2.5	Pass
				-10	12	1.802	0.0005	-2.5 to 2.5	Pass
				0	12	1.974	0.0006	-2.5 to 2.5	Pass
				10	12	4.363	0.0012	-2.5 to 2.5	Pass
				30	12	5.608	0.0016	-2.5 to 2.5	Pass
				40	12	0.100	0.0000	-2.5 to 2.5	Pass
				50	12	1.702	0.0005	-2.5 to 2.5	Pass
	3575	100	0	20	10.8	0.973	0.0003	-2.5 to 2.5	Pass
					12	3.304	0.0009	-2.5 to 2.5	Pass
					13.2	2.518	0.0007	-2.5 to 2.5	Pass
				-30	12	8.497	0.0024	-2.5 to 2.5	Pass
				-20	12	-0.529	-0.0001	-2.5 to 2.5	Pass
				-10	12	2.089	0.0006	-2.5 to 2.5	Pass
				0	12	4.077	0.0011	-2.5 to 2.5	Pass
				10	12	0.801	0.0002	-2.5 to 2.5	Pass
				30	12	1.116	0.0003	-2.5 to 2.5	Pass
				40	12	5.565	0.0016	-2.5 to 2.5	Pass
				50	12	2.475	0.0007	-2.5 to 2.5	Pass
	3590	100	0	20	10.8	1.645	0.0005	-2.5 to 2.5	Pass
					12	1.960	0.0005	-2.5 to 2.5	Pass
					13.2	4.950	0.0014	-2.5 to 2.5	Pass
				-30	12	2.990	0.0008	-2.5 to 2.5	Pass
				-20	12	6.223	0.0017	-2.5 to 2.5	Pass
				-10	12	6.008	0.0017	-2.5 to 2.5	Pass
				0	12	4.306	0.0012	-2.5 to 2.5	Pass
				10	12	-0.114	0.0000	-2.5 to 2.5	Pass
				30	12	-2.046	-0.0006	-2.5 to 2.5	Pass
				40	12	4.807	0.0013	-2.5 to 2.5	Pass
				50	12	2.861	0.0008	-2.5 to 2.5	Pass
256QAM	3560	100	0	20	10.8	1.545	0.0004	-2.5 to 2.5	Pass
					12	4.792	0.0013	-2.5 to 2.5	Pass
					13.2	5.422	0.0015	-2.5 to 2.5	Pass
				-30	12	1.931	0.0005	-2.5 to 2.5	Pass



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中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300

0085-51215735088 006-51215737010 www.sgs.com.cn

0085-51215735088 006-51215737010 sgs.china@sgs.com

				-20	12	1.531	0.0004	-2.5 to 2.5	Pass
				-10	12	0.343	0.0001	-2.5 to 2.5	Pass
				0	12	1.187	0.0003	-2.5 to 2.5	Pass
				10	12	1.874	0.0005	-2.5 to 2.5	Pass
				30	12	3.219	0.0009	-2.5 to 2.5	Pass
				40	12	-3.304	-0.0009	-2.5 to 2.5	Pass
				50	12	5.264	0.0015	-2.5 to 2.5	Pass
	3575	100	0	20	10.8	5.121	0.0014	-2.5 to 2.5	Pass
					12	1.631	0.0005	-2.5 to 2.5	Pass
					13.2	4.048	0.0011	-2.5 to 2.5	Pass
				-30	12	-0.129	0.0000	-2.5 to 2.5	Pass
				-20	12	0.401	0.0001	-2.5 to 2.5	Pass
				-10	12	4.277	0.0012	-2.5 to 2.5	Pass
				0	12	1.345	0.0004	-2.5 to 2.5	Pass
				10	12	3.061	0.0009	-2.5 to 2.5	Pass
				30	12	-1.545	-0.0004	-2.5 to 2.5	Pass
				40	12	2.747	0.0008	-2.5 to 2.5	Pass
				50	12	3.977	0.0011	-2.5 to 2.5	Pass
	3590	100	0	20	10.8	4.077	0.0011	-2.5 to 2.5	Pass
					12	-0.014	0.0000	-2.5 to 2.5	Pass
					13.2	6.180	0.0017	-2.5 to 2.5	Pass
				-30	12	2.017	0.0006	-2.5 to 2.5	Pass
				-20	12	-4.892	-0.0014	-2.5 to 2.5	Pass
				-10	12	1.917	0.0005	-2.5 to 2.5	Pass
				0	12	4.363	0.0012	-2.5 to 2.5	Pass
				10	12	8.526	0.0024	-2.5 to 2.5	Pass
				30	12	4.220	0.0012	-2.5 to 2.5	Pass
				40	12	-1.302	-0.0004	-2.5 to 2.5	Pass
				50	12	5.078	0.0014	-2.5 to 2.5	Pass



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中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300

(86-512) 57350888 (86-512) 57370011 www.sgs.com.cn

(86-512) 57350883 (86-512) 57370011 sgs.china@sgs.com

13. Frequency Stability

13.1 B66_1.4MHz

13.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	10.8	-1.087	-0.0006	-2.5 to 2.5	Pass
					12	0.615	0.0004	-2.5 to 2.5	Pass
					13.2	0.987	0.0006	-2.5 to 2.5	Pass
				-30	12	-1.302	-0.0008	-2.5 to 2.5	Pass
				-20	12	-1.044	-0.0006	-2.5 to 2.5	Pass
				-10	12	-2.103	-0.0012	-2.5 to 2.5	Pass
				0	12	-6.638	-0.0039	-2.5 to 2.5	Pass
				10	12	-6.280	-0.0037	-2.5 to 2.5	Pass
				30	12	-4.234	-0.0025	-2.5 to 2.5	Pass
				40	12	3.762	0.0022	-2.5 to 2.5	Pass
				50	12	4.277	0.0025	-2.5 to 2.5	Pass
	1745	6	0	20	10.8	5.751	0.0033	-2.5 to 2.5	Pass
					12	-2.847	-0.0016	-2.5 to 2.5	Pass
					13.2	4.034	0.0023	-2.5 to 2.5	Pass
				-30	12	1.159	0.0007	-2.5 to 2.5	Pass
				-20	12	-1.817	-0.0010	-2.5 to 2.5	Pass
				-10	12	-2.346	-0.0013	-2.5 to 2.5	Pass
				0	12	-4.277	-0.0025	-2.5 to 2.5	Pass
				10	12	4.120	0.0024	-2.5 to 2.5	Pass
				30	12	0.744	0.0004	-2.5 to 2.5	Pass
				40	12	-2.761	-0.0016	-2.5 to 2.5	Pass
				50	12	4.134	0.0024	-2.5 to 2.5	Pass
	1779.3	6	0	20	10.8	1.645	0.0009	-2.5 to 2.5	Pass
					12	-3.791	-0.0021	-2.5 to 2.5	Pass
					13.2	1.788	0.0010	-2.5 to 2.5	Pass
				-30	12	1.645	0.0009	-2.5 to 2.5	Pass
				-20	12	1.588	0.0009	-2.5 to 2.5	Pass
				-10	12	5.693	0.0032	-2.5 to 2.5	Pass
				0	12	1.373	0.0008	-2.5 to 2.5	Pass
				10	12	1.144	0.0006	-2.5 to 2.5	Pass
				30	12	2.003	0.0011	-2.5 to 2.5	Pass
				40	12	-1.502	-0.0008	-2.5 to 2.5	Pass
				50	12	-1.116	-0.0006	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	10.8	-6.895	-0.0040	-2.5 to 2.5	Pass
					12	-3.648	-0.0021	-2.5 to 2.5	Pass
					13.2	-3.505	-0.0020	-2.5 to 2.5	Pass
				-30	12	-1.216	-0.0007	-2.5 to 2.5	Pass
				-20	12	1.073	0.0006	-2.5 to 2.5	Pass
				-10	12	-1.044	-0.0006	-2.5 to 2.5	Pass
				0	12	-10.943	-0.0064	-2.5 to 2.5	Pass
				10	12	-4.563	-0.0027	-2.5 to 2.5	Pass
				30	12	1.545	0.0009	-2.5 to 2.5	Pass
				40	12	-2.604	-0.0015	-2.5 to 2.5	Pass



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 (86-512)57350888 (86-512)57370911 www.sgs.com.cn
 (86-512)57350888 (86-512)57370911 sgs.china@sgs.com

	1745	6	0	50	12	-2.532	-0.0015	-2.5 to 2.5	Pass
				20	10.8	3.934	0.0023	-2.5 to 2.5	Pass
					12	1.903	0.0011	-2.5 to 2.5	Pass
					13.2	3.004	0.0017	-2.5 to 2.5	Pass
				-30	12	1.516	0.0009	-2.5 to 2.5	Pass
				-20	12	-0.443	-0.0003	-2.5 to 2.5	Pass
				-10	12	-3.448	-0.0020	-2.5 to 2.5	Pass
				0	12	0.873	0.0005	-2.5 to 2.5	Pass
				10	12	-3.490	-0.0020	-2.5 to 2.5	Pass
				30	12	-4.449	-0.0025	-2.5 to 2.5	Pass
	1779.3	6	0	40	12	-2.174	-0.0012	-2.5 to 2.5	Pass
				50	12	2.074	0.0012	-2.5 to 2.5	Pass
				20	10.8	-0.658	-0.0004	-2.5 to 2.5	Pass
					12	6.795	0.0038	-2.5 to 2.5	Pass
					13.2	0.973	0.0005	-2.5 to 2.5	Pass
				-30	12	4.406	0.0025	-2.5 to 2.5	Pass
				-20	12	0.501	0.0003	-2.5 to 2.5	Pass
				-10	12	3.805	0.0021	-2.5 to 2.5	Pass
				0	12	0.086	0.0000	-2.5 to 2.5	Pass
				10	12	-0.544	-0.0003	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	30	12	1.302	0.0007	-2.5 to 2.5	Pass
				40	12	3.848	0.0022	-2.5 to 2.5	Pass
				50	12	1.245	0.0007	-2.5 to 2.5	Pass
				20	10.8	3.147	0.0018	-2.5 to 2.5	Pass
					12	-1.345	-0.0008	-2.5 to 2.5	Pass
					13.2	3.390	0.0020	-2.5 to 2.5	Pass
				-30	12	-2.604	-0.0015	-2.5 to 2.5	Pass
				-20	12	-2.875	-0.0017	-2.5 to 2.5	Pass
				-10	12	1.745	0.0010	-2.5 to 2.5	Pass
				0	12	5.937	0.0035	-2.5 to 2.5	Pass
	1745	6	0	10	12	2.089	0.0012	-2.5 to 2.5	Pass
				30	12	0.772	0.0005	-2.5 to 2.5	Pass
				40	12	-3.891	-0.0023	-2.5 to 2.5	Pass
				50	12	-1.545	-0.0009	-2.5 to 2.5	Pass
				20	10.8	-0.043	0.0000	-2.5 to 2.5	Pass
					12	-2.360	-0.0014	-2.5 to 2.5	Pass
					13.2	-0.544	-0.0003	-2.5 to 2.5	Pass
				-30	12	2.189	0.0013	-2.5 to 2.5	Pass
				-20	12	2.317	0.0013	-2.5 to 2.5	Pass
				-10	12	2.489	0.0014	-2.5 to 2.5	Pass
	1779.3	6	0	0	12	-2.518	-0.0014	-2.5 to 2.5	Pass
				10	12	4.749	0.0027	-2.5 to 2.5	Pass
				30	12	2.303	0.0013	-2.5 to 2.5	Pass
				40	12	-0.072	0.0000	-2.5 to 2.5	Pass
				50	12	0.815	0.0005	-2.5 to 2.5	Pass
				20	10.8	0.215	0.0001	-2.5 to 2.5	Pass
					12	2.332	0.0013	-2.5 to 2.5	Pass
					13.2	1.802	0.0010	-2.5 to 2.5	Pass
				-30	12	5.078	0.0029	-2.5 to 2.5	Pass
				-20	12	-1.488	-0.0008	-2.5 to 2.5	Pass
				-10	12	-2.689	-0.0015	-2.5 to 2.5	Pass
				0	12	4.292	0.0024	-2.5 to 2.5	Pass
				10	12	4.749	0.0027	-2.5 to 2.5	Pass
				30	12	8.254	0.0046	-2.5 to 2.5	Pass



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				40	12	3.619	0.0020	-2.5 to 2.5	Pass
				50	12	-4.120	-0.0023	-2.5 to 2.5	Pass
256QAM	1710.7	6	0	20	10.8	-2.432	-0.0014	-2.5 to 2.5	Pass
					12	1.702	0.0010	-2.5 to 2.5	Pass
					13.2	-1.159	-0.0007	-2.5 to 2.5	Pass
				-30	12	0.887	0.0005	-2.5 to 2.5	Pass
				-20	12	-2.317	-0.0014	-2.5 to 2.5	Pass
				-10	12	-0.372	-0.0002	-2.5 to 2.5	Pass
				0	12	0.186	0.0001	-2.5 to 2.5	Pass
				10	12	5.393	0.0032	-2.5 to 2.5	Pass
				30	12	3.004	0.0018	-2.5 to 2.5	Pass
				40	12	-0.186	-0.0001	-2.5 to 2.5	Pass
	50	12	6.123	0.0036	-2.5 to 2.5	Pass			
	1745	6	0	20	10.8	3.705	0.0021	-2.5 to 2.5	Pass
					12	0.129	0.0001	-2.5 to 2.5	Pass
					13.2	0.987	0.0006	-2.5 to 2.5	Pass
				-30	12	13.25	0.0025	-2.5 to 2.5	Pass
				-20	12	-1.044	-0.0006	-2.5 to 2.5	Pass
				-10	12	7.939	0.0045	-2.5 to 2.5	Pass
				0	12	7.081	0.0041	-2.5 to 2.5	Pass
				10	12	-0.830	-0.0005	-2.5 to 2.5	Pass
				30	12	4.377	0.0025	-2.5 to 2.5	Pass
				40	12	1.531	0.0009	-2.5 to 2.5	Pass
	50	12	0.916	0.0005	-2.5 to 2.5	Pass			
	1779.3	6	0	20	10.8	-0.072	0.0000	-2.5 to 2.5	Pass
					12	8.254	0.0046	-2.5 to 2.5	Pass
					13.2	3.176	0.0018	-2.5 to 2.5	Pass
				-30	12	5.822	0.0033	-2.5 to 2.5	Pass
				-20	12	-0.744	-0.0004	-2.5 to 2.5	Pass
-10				12	3.719	0.0021	-2.5 to 2.5	Pass	
0				12	-3.419	-0.0019	-2.5 to 2.5	Pass	
10				12	3.877	0.0022	-2.5 to 2.5	Pass	
30				12	6.652	0.0037	-2.5 to 2.5	Pass	
40				12	-2.661	-0.0015	-2.5 to 2.5	Pass	
50	12	3.262	0.0018	-2.5 to 2.5	Pass				

13.2 B66 3MHz

13.2.1 Test Result

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	10.8	-4.821	-0.0028	-2.5 to 2.5	Pass
					12	-4.463	-0.0026	-2.5 to 2.5	Pass
					13.2	2.232	0.0013	-2.5 to 2.5	Pass
				-30	12	-3.462	-0.0020	-2.5 to 2.5	Pass
				-20	12	1.402	0.0008	-2.5 to 2.5	Pass
				-10	12	2.675	0.0016	-2.5 to 2.5	Pass
				0	12	-0.272	-0.0002	-2.5 to 2.5	Pass
				10	12	1.545	0.0009	-2.5 to 2.5	Pass
				30	12	-5.636	-0.0033	-2.5 to 2.5	Pass



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086-5125735688 086-5125737081 sgs.china@sgs.com

	1745	15	0	40	12	2.861	0.0017	-2.5 to 2.5	Pass
				50	12	1.774	0.0010	-2.5 to 2.5	Pass
				20	10.8	7.424	0.0043	-2.5 to 2.5	Pass
					12	8.969	0.0051	-2.5 to 2.5	Pass
					13.2	6.266	0.0036	-2.5 to 2.5	Pass
				-30	12	8.640	0.0050	-2.5 to 2.5	Pass
				-20	12	5.078	0.0029	-2.5 to 2.5	Pass
				-10	12	10.242	0.0059	-2.5 to 2.5	Pass
				0	12	-0.072	0.0000	-2.5 to 2.5	Pass
				10	12	3.948	0.0023	-2.5 to 2.5	Pass
				30	12	3.433	0.0020	-2.5 to 2.5	Pass
				40	12	8.240	0.0047	-2.5 to 2.5	Pass
				50	12	3.161	0.0018	-2.5 to 2.5	Pass
	1778.5	15	0	20	10.8	3.505	0.0020	-2.5 to 2.5	Pass
					12	-0.329	-0.0002	-2.5 to 2.5	Pass
					13.2	0.730	0.0004	-2.5 to 2.5	Pass
				-30	12	2.575	0.0014	-2.5 to 2.5	Pass
				-20	12	2.518	0.0014	-2.5 to 2.5	Pass
				-10	12	0.772	0.0004	-2.5 to 2.5	Pass
				0	12	-2.532	-0.0014	-2.5 to 2.5	Pass
				10	12	1.216	0.0007	-2.5 to 2.5	Pass
				30	12	1.259	0.0007	-2.5 to 2.5	Pass
				40	12	5.722	0.0032	-2.5 to 2.5	Pass
				50	12	0.629	0.0004	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	10.8	0.429	0.0003	-2.5 to 2.5	Pass
					12	0.172	0.0001	-2.5 to 2.5	Pass
					13.2	1.974	0.0012	-2.5 to 2.5	Pass
				-30	12	-3.777	-0.0022	-2.5 to 2.5	Pass
				-20	12	-0.658	-0.0004	-2.5 to 2.5	Pass
				-10	12	-1.616	-0.0009	-2.5 to 2.5	Pass
				0	12	1.187	0.0007	-2.5 to 2.5	Pass
				10	12	3.247	0.0019	-2.5 to 2.5	Pass
				30	12	-2.489	-0.0015	-2.5 to 2.5	Pass
				40	12	-2.131	-0.0012	-2.5 to 2.5	Pass
				50	12	5.736	0.0034	-2.5 to 2.5	Pass
	1745	15	0	20	10.8	6.137	0.0035	-2.5 to 2.5	Pass
					12	2.117	0.0012	-2.5 to 2.5	Pass
					13.2	6.895	0.0040	-2.5 to 2.5	Pass
				-30	12	3.476	0.0020	-2.5 to 2.5	Pass
				-20	12	5.822	0.0033	-2.5 to 2.5	Pass
				-10	12	4.177	0.0024	-2.5 to 2.5	Pass
				0	12	7.825	0.0045	-2.5 to 2.5	Pass
				10	12	6.809	0.0039	-2.5 to 2.5	Pass
				30	12	1.016	0.0006	-2.5 to 2.5	Pass
				40	12	3.991	0.0023	-2.5 to 2.5	Pass
				50	12	8.512	0.0049	-2.5 to 2.5	Pass
	1778.5	15	0	20	10.8	-0.315	-0.0002	-2.5 to 2.5	Pass
					12	0.558	0.0003	-2.5 to 2.5	Pass
					13.2	1.674	0.0009	-2.5 to 2.5	Pass
				-30	12	2.189	0.0012	-2.5 to 2.5	Pass
				-20	12	3.691	0.0021	-2.5 to 2.5	Pass
				-10	12	3.734	0.0021	-2.5 to 2.5	Pass
				0	12	2.275	0.0013	-2.5 to 2.5	Pass
				10	12	1.831	0.0010	-2.5 to 2.5	Pass



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中国·江苏·昆山市留学生创业园伟业路18号 邮编 215300

0086-512157350888 006-512157370911 www.sgs.com.cn

0086-512157350888 006-512157370911 sgs.china@sgs.com

				30	12	3.991	0.0022	-2.5 to 2.5	Pass
				40	12	6.037	0.0034	-2.5 to 2.5	Pass
				50	12	2.503	0.0014	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	10.8	-4.721	-0.0028	-2.5 to 2.5	Pass
					12	-2.575	-0.0015	-2.5 to 2.5	Pass
					13.2	2.303	0.0013	-2.5 to 2.5	Pass
				-30	12	0.801	0.0005	-2.5 to 2.5	Pass
				-20	12	-0.572	-0.0003	-2.5 to 2.5	Pass
				-10	12	-1.445	-0.0008	-2.5 to 2.5	Pass
				0	12	-1.259	-0.0007	-2.5 to 2.5	Pass
				10	12	-2.060	-0.0012	-2.5 to 2.5	Pass
				30	12	-1.659	-0.0010	-2.5 to 2.5	Pass
				40	12	-1.245	-0.0007	-2.5 to 2.5	Pass
				50	12	4.063	0.0024	-2.5 to 2.5	Pass
	1745	15	0	20	10.8	4.420	0.0025	-2.5 to 2.5	Pass
					12	4.406	0.0025	-2.5 to 2.5	Pass
					13.2	4.592	0.0026	-2.5 to 2.5	Pass
				-30	12	5.951	0.0034	-2.5 to 2.5	Pass
				-20	12	8.626	0.0049	-2.5 to 2.5	Pass
				-10	12	6.709	0.0038	-2.5 to 2.5	Pass
				0	12	8.125	0.0047	-2.5 to 2.5	Pass
				10	12	-0.730	-0.0004	-2.5 to 2.5	Pass
				30	12	7.124	0.0041	-2.5 to 2.5	Pass
				40	12	10.86	0.0019	-2.5 to 2.5	Pass
				50	12	5.479	0.0031	-2.5 to 2.5	Pass
	1778.5	15	0	20	10.8	-2.089	-0.0012	-2.5 to 2.5	Pass
					12	0.243	0.0001	-2.5 to 2.5	Pass
					13.2	2.604	0.0015	-2.5 to 2.5	Pass
				-30	12	2.904	0.0016	-2.5 to 2.5	Pass
				-20	12	-0.558	-0.0003	-2.5 to 2.5	Pass
				-10	12	-1.702	-0.0010	-2.5 to 2.5	Pass
				0	12	-1.159	-0.0007	-2.5 to 2.5	Pass
				10	12	3.119	0.0018	-2.5 to 2.5	Pass
				30	12	0.916	0.0005	-2.5 to 2.5	Pass
				40	12	1.531	0.0009	-2.5 to 2.5	Pass
256QAM	1711.5	15	0	20	10.8	1.874	0.0011	-2.5 to 2.5	Pass
					12	-0.772	-0.0005	-2.5 to 2.5	Pass
					13.2	1.574	0.0009	-2.5 to 2.5	Pass
				-30	12	0.558	0.0003	-2.5 to 2.5	Pass
				-20	12	0.257	0.0002	-2.5 to 2.5	Pass
				-10	12	3.262	0.0019	-2.5 to 2.5	Pass
				0	12	-1.616	-0.0009	-2.5 to 2.5	Pass
				10	12	-0.987	-0.0006	-2.5 to 2.5	Pass
				30	12	1.330	0.0008	-2.5 to 2.5	Pass
				40	12	-1.116	-0.0007	-2.5 to 2.5	Pass
	1745	15	0	20	10.8	-1.230	-0.0007	-2.5 to 2.5	Pass
					12	-1.116	-0.0006	-2.5 to 2.5	Pass
					13.2	3.891	0.0022	-2.5 to 2.5	Pass
				-30	12	6.895	0.0040	-2.5 to 2.5	Pass
				-20	12	-1.945	-0.0011	-2.5 to 2.5	Pass
				-10	12	1.731	0.0010	-2.5 to 2.5	Pass
				0	12	0.157	0.0001	-2.5 to 2.5	Pass



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No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学生创业园伟业路18号 邮编 215300

0085-51215735088 006-51215737010 www.sgs.com.cn

0085-51215735088 006-51215737010 sgs.china@sgs.com

1778.5	15	0	10	12	-0.858	-0.0005	-2.5 to 2.5	Pass
			30	12	5.593	0.0032	-2.5 to 2.5	Pass
			40	12	1.788	0.0010	-2.5 to 2.5	Pass
			50	12	-0.815	-0.0005	-2.5 to 2.5	Pass
			20	10.8	3.533	0.0020	-2.5 to 2.5	Pass
				12	2.689	0.0015	-2.5 to 2.5	Pass
				13.2	3.347	0.0019	-2.5 to 2.5	Pass
			-30	12	1.917	0.0011	-2.5 to 2.5	Pass
			-20	12	1.259	0.0007	-2.5 to 2.5	Pass
			-10	12	5.393	0.0030	-2.5 to 2.5	Pass
			0	12	4.020	0.0023	-2.5 to 2.5	Pass
			10	12	1.101	0.0006	-2.5 to 2.5	Pass
			30	12	-1.516	-0.0009	-2.5 to 2.5	Pass
			40	12	-0.644	-0.0004	-2.5 to 2.5	Pass
			50	12	5.765	0.0032	-2.5 to 2.5	Pass

13.3 B66_5MHz

13.3.1 Test Result

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	10.8	4.678	0.0027	-2.5 to 2.5	Pass
					12	3.147	0.0018	-2.5 to 2.5	Pass
					13.2	5.078	0.0030	-2.5 to 2.5	Pass
				-30	12	2.503	0.0015	-2.5 to 2.5	Pass
				-20	12	0.687	0.0004	-2.5 to 2.5	Pass
				-10	12	2.718	0.0016	-2.5 to 2.5	Pass
				0	12	2.246	0.0013	-2.5 to 2.5	Pass
				10	12	5.522	0.0032	-2.5 to 2.5	Pass
				30	12	2.217	0.0013	-2.5 to 2.5	Pass
				40	12	3.591	0.0021	-2.5 to 2.5	Pass
				50	12	3.219	0.0019	-2.5 to 2.5	Pass
	1745	25	0	20	10.8	6.866	0.0039	-2.5 to 2.5	Pass
					12	4.449	0.0025	-2.5 to 2.5	Pass
					13.2	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	12	4.864	0.0028	-2.5 to 2.5	Pass
				-20	12	6.809	0.0039	-2.5 to 2.5	Pass
				-10	12	7.296	0.0042	-2.5 to 2.5	Pass
				0	12	5.279	0.0030	-2.5 to 2.5	Pass
				10	12	5.794	0.0033	-2.5 to 2.5	Pass
				30	12	3.147	0.0018	-2.5 to 2.5	Pass
				40	12	7.839	0.0045	-2.5 to 2.5	Pass
				50	12	5.951	0.0034	-2.5 to 2.5	Pass
	1777.5	25	0	20	10.8	3.791	0.0021	-2.5 to 2.5	Pass
					12	-0.372	-0.0002	-2.5 to 2.5	Pass
					13.2	0.329	0.0002	-2.5 to 2.5	Pass
				-30	12	1.903	0.0011	-2.5 to 2.5	Pass
				-20	12	2.103	0.0012	-2.5 to 2.5	Pass
				-10	12	-2.389	-0.0013	-2.5 to 2.5	Pass
				0	12	-1.488	-0.0008	-2.5 to 2.5	Pass



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				10	12	2.675	0.0015	-2.5 to 2.5	Pass		
				30	12	-1.016	-0.0006	-2.5 to 2.5	Pass		
				40	12	3.433	0.0019	-2.5 to 2.5	Pass		
				50	12	-0.186	-0.0001	-2.5 to 2.5	Pass		
16QAM	1712.5	25	0	20	10.8	5.665	0.0033	-2.5 to 2.5	Pass		
					12	4.749	0.0028	-2.5 to 2.5	Pass		
					13.2	6.423	0.0038	-2.5 to 2.5	Pass		
				-30	12	-0.215	-0.0001	-2.5 to 2.5	Pass		
				-20	12	7.739	0.0045	-2.5 to 2.5	Pass		
				-10	12	2.089	0.0012	-2.5 to 2.5	Pass		
				0	12	4.005	0.0023	-2.5 to 2.5	Pass		
				10	12	2.460	0.0014	-2.5 to 2.5	Pass		
				30	12	1.559	0.0009	-2.5 to 2.5	Pass		
				40	12	2.289	0.0013	-2.5 to 2.5	Pass		
	50	12	2.675	0.0016	-2.5 to 2.5	Pass					
	1745	25	0	20	10.8	0.014	0.0000	-2.5 to 2.5	Pass		
					12	2.589	0.0015	-2.5 to 2.5	Pass		
					13.2	9.141	0.0052	-2.5 to 2.5	Pass		
				-30	12	5.965	0.0034	-2.5 to 2.5	Pass		
				-20	12	1.345	0.0008	-2.5 to 2.5	Pass		
				-10	12	4.935	0.0028	-2.5 to 2.5	Pass		
				0	12	2.203	0.0013	-2.5 to 2.5	Pass		
				10	12	5.479	0.0031	-2.5 to 2.5	Pass		
				30	12	5.307	0.0030	-2.5 to 2.5	Pass		
				40	12	2.532	0.0015	-2.5 to 2.5	Pass		
	50	12	1.960	0.0011	-2.5 to 2.5	Pass					
	1777.5	25	0	20	10.8	-2.618	-0.0015	-2.5 to 2.5	Pass		
					12	-3.419	-0.0019	-2.5 to 2.5	Pass		
					13.2	2.818	0.0016	-2.5 to 2.5	Pass		
				-30	12	0.229	0.0001	-2.5 to 2.5	Pass		
				-20	12	2.732	0.0015	-2.5 to 2.5	Pass		
				-10	12	1.373	0.0008	-2.5 to 2.5	Pass		
				0	12	-0.086	0.0000	-2.5 to 2.5	Pass		
				10	12	1.588	0.0009	-2.5 to 2.5	Pass		
				30	12	1.259	0.0007	-2.5 to 2.5	Pass		
				40	12	1.216	0.0007	-2.5 to 2.5	Pass		
50	12	2.847	0.0016	-2.5 to 2.5	Pass						
64QAM	1712.5	25	0	20	10.8	8.841	0.0052	-2.5 to 2.5	Pass		
					12	4.148	0.0024	-2.5 to 2.5	Pass		
					13.2	5.507	0.0032	-2.5 to 2.5	Pass		
				-30	12	6.008	0.0035	-2.5 to 2.5	Pass		
				-20	12	1.974	0.0012	-2.5 to 2.5	Pass		
				-10	12	1.688	0.0010	-2.5 to 2.5	Pass		
				0	12	5.236	0.0031	-2.5 to 2.5	Pass		
				10	12	6.366	0.0037	-2.5 to 2.5	Pass		
				30	12	4.978	0.0029	-2.5 to 2.5	Pass		
				40	12	6.223	0.0036	-2.5 to 2.5	Pass		
	50	12	4.048	0.0024	-2.5 to 2.5	Pass					
	1745	25	0	20	10.8	2.618	0.0015	-2.5 to 2.5	Pass		
					12	5.422	0.0031	-2.5 to 2.5	Pass		
					13.2	3.834	0.0022	-2.5 to 2.5	Pass		
				-30	12	8.855	0.0051	-2.5 to 2.5	Pass		
				-20	12	4.377	0.0025	-2.5 to 2.5	Pass		
				-10	12	4.563	0.0026	-2.5 to 2.5	Pass		



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				0	12	5.279	0.0030	-2.5 to 2.5	Pass
				10	12	5.193	0.0030	-2.5 to 2.5	Pass
				30	12	2.732	0.0016	-2.5 to 2.5	Pass
				40	12	5.765	0.0033	-2.5 to 2.5	Pass
				50	12	3.977	0.0023	-2.5 to 2.5	Pass
	1777.5	25	0	20	10.8	1.030	0.0006	-2.5 to 2.5	Pass
					12	1.945	0.0011	-2.5 to 2.5	Pass
					13.2	-0.157	-0.0001	-2.5 to 2.5	Pass
				-30	12	3.161	0.0018	-2.5 to 2.5	Pass
				-20	12	0.973	0.0005	-2.5 to 2.5	Pass
				-10	12	2.589	0.0015	-2.5 to 2.5	Pass
				0	12	0.973	0.0005	-2.5 to 2.5	Pass
				10	12	-1.860	-0.0010	-2.5 to 2.5	Pass
				30	12	-3.791	-0.0021	-2.5 to 2.5	Pass
				40	12	-2.632	-0.0015	-2.5 to 2.5	Pass
				50	12	1.101	0.0006	-2.5 to 2.5	Pass
	1712.5	25	0	20	10.8	1.631	0.0010	-2.5 to 2.5	Pass
					12	3.991	0.0023	-2.5 to 2.5	Pass
					13.2	3.448	0.0020	-2.5 to 2.5	Pass
				-30	12	3.777	0.0022	-2.5 to 2.5	Pass
				-20	12	5.808	0.0034	-2.5 to 2.5	Pass
				-10	12	0.758	0.0004	-2.5 to 2.5	Pass
				0	12	2.589	0.0015	-2.5 to 2.5	Pass
				10	12	3.462	0.0020	-2.5 to 2.5	Pass
				30	12	4.749	0.0028	-2.5 to 2.5	Pass
				40	12	7.539	0.0044	-2.5 to 2.5	Pass
				50	12	4.163	0.0024	-2.5 to 2.5	Pass
	1745	25	0	20	10.8	5.493	0.0031	-2.5 to 2.5	Pass
					12	7.267	0.0042	-2.5 to 2.5	Pass
					13.2	3.991	0.0023	-2.5 to 2.5	Pass
				-30	12	5.808	0.0033	-2.5 to 2.5	Pass
				-20	12	2.990	0.0017	-2.5 to 2.5	Pass
				-10	12	5.679	0.0033	-2.5 to 2.5	Pass
				0	12	6.866	0.0039	-2.5 to 2.5	Pass
				10	12	5.565	0.0032	-2.5 to 2.5	Pass
				30	12	5.665	0.0032	-2.5 to 2.5	Pass
				40	12	9.398	0.0054	-2.5 to 2.5	Pass
				50	12	4.721	0.0027	-2.5 to 2.5	Pass
	1777.5	25	0	20	10.8	-0.386	-0.0002	-2.5 to 2.5	Pass
					12	-0.243	-0.0001	-2.5 to 2.5	Pass
					13.2	-0.086	0.0000	-2.5 to 2.5	Pass
				-30	12	1.888	0.0011	-2.5 to 2.5	Pass
				-20	12	1.159	0.0007	-2.5 to 2.5	Pass
				-10	12	-1.616	-0.0009	-2.5 to 2.5	Pass
				0	12	1.016	0.0006	-2.5 to 2.5	Pass
				10	12	1.473	0.0008	-2.5 to 2.5	Pass
				30	12	0.429	0.0002	-2.5 to 2.5	Pass
				40	12	0.529	0.0003	-2.5 to 2.5	Pass
				50	12	-0.386	-0.0002	-2.5 to 2.5	Pass

13.4 B66_10MHz



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13.4.1 Test Result

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	10.8	3.519	0.0021	-2.5 to 2.5	Pass
					12	2.489	0.0015	-2.5 to 2.5	Pass
					13.2	5.207	0.0030	-2.5 to 2.5	Pass
				-30	12	1.802	0.0011	-2.5 to 2.5	Pass
				-20	12	1.602	0.0009	-2.5 to 2.5	Pass
				-10	12	1.230	0.0007	-2.5 to 2.5	Pass
				0	12	2.546	0.0015	-2.5 to 2.5	Pass
				10	12	1.402	0.0008	-2.5 to 2.5	Pass
				30	12	1.802	0.0011	-2.5 to 2.5	Pass
				40	12	0.701	0.0004	-2.5 to 2.5	Pass
				50	12	6.394	0.0037	-2.5 to 2.5	Pass
	1745	50	0	20	10.8	-4.692	-0.0027	-2.5 to 2.5	Pass
					12	-4.535	-0.0026	-2.5 to 2.5	Pass
					13.2	-2.689	-0.0015	-2.5 to 2.5	Pass
				-30	12	-13.25	-0.0025	-2.5 to 2.5	Pass
				-20	12	-3.676	-0.0021	-2.5 to 2.5	Pass
				-10	12	-1.144	-0.0007	-2.5 to 2.5	Pass
				0	12	-2.818	-0.0016	-2.5 to 2.5	Pass
				10	12	0.501	0.0003	-2.5 to 2.5	Pass
				30	12	0.730	0.0004	-2.5 to 2.5	Pass
				40	12	-3.633	-0.0021	-2.5 to 2.5	Pass
				50	12	-4.749	-0.0027	-2.5 to 2.5	Pass
	1775	50	0	20	10.8	-0.958	-0.0005	-2.5 to 2.5	Pass
					12	1.330	0.0007	-2.5 to 2.5	Pass
					13.2	0.129	0.0001	-2.5 to 2.5	Pass
				-30	12	2.346	0.0013	-2.5 to 2.5	Pass
				-20	12	6.595	0.0037	-2.5 to 2.5	Pass
				-10	12	5.207	0.0029	-2.5 to 2.5	Pass
				0	12	3.891	0.0022	-2.5 to 2.5	Pass
				10	12	-0.429	-0.0002	-2.5 to 2.5	Pass
				30	12	-1.445	-0.0008	-2.5 to 2.5	Pass
				40	12	1.330	0.0007	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	10.8	2.046	0.0012	-2.5 to 2.5	Pass
					12	5.178	0.0030	-2.5 to 2.5	Pass
					13.2	4.306	0.0025	-2.5 to 2.5	Pass
				-30	12	5.450	0.0032	-2.5 to 2.5	Pass
				-20	12	5.894	0.0034	-2.5 to 2.5	Pass
				-10	12	3.977	0.0023	-2.5 to 2.5	Pass
				0	12	3.648	0.0021	-2.5 to 2.5	Pass
				10	12	5.121	0.0030	-2.5 to 2.5	Pass
				30	12	5.221	0.0030	-2.5 to 2.5	Pass
				40	12	5.522	0.0032	-2.5 to 2.5	Pass
				50	12	3.147	0.0018	-2.5 to 2.5	Pass
	1745	50	0	20	10.8	-0.272	-0.0002	-2.5 to 2.5	Pass
					12	-0.730	-0.0004	-2.5 to 2.5	Pass
					13.2	3.347	0.0019	-2.5 to 2.5	Pass
				-30	12	-2.475	-0.0014	-2.5 to 2.5	Pass
				-20	12	-1.316	-0.0008	-2.5 to 2.5	Pass



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				-10	12	-2.017	-0.0012	-2.5 to 2.5	Pass
				0	12	-0.987	-0.0006	-2.5 to 2.5	Pass
				10	12	5.107	0.0029	-2.5 to 2.5	Pass
				30	12	-0.358	-0.0002	-2.5 to 2.5	Pass
				40	12	2.317	0.0013	-2.5 to 2.5	Pass
				50	12	3.333	0.0019	-2.5 to 2.5	Pass
	1775	50	0	20	10.8	0.172	0.0001	-2.5 to 2.5	Pass
					12	-0.815	-0.0005	-2.5 to 2.5	Pass
					13.2	-1.402	-0.0008	-2.5 to 2.5	Pass
				-30	12	-1.273	-0.0007	-2.5 to 2.5	Pass
				-20	12	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	12	1.173	0.0007	-2.5 to 2.5	Pass
				0	12	-2.303	-0.0013	-2.5 to 2.5	Pass
				10	12	-1.402	-0.0008	-2.5 to 2.5	Pass
				30	12	2.031	0.0011	-2.5 to 2.5	Pass
				40	12	0.329	0.0002	-2.5 to 2.5	Pass
50	12	-1.159	-0.0007	-2.5 to 2.5	Pass				
64QAM	1715	50	0	20	10.8	3.433	0.0020	-2.5 to 2.5	Pass
					12	1.960	0.0011	-2.5 to 2.5	Pass
					13.2	1.302	0.0008	-2.5 to 2.5	Pass
				-30	12	3.562	0.0021	-2.5 to 2.5	Pass
				-20	12	1.402	0.0008	-2.5 to 2.5	Pass
				-10	12	3.805	0.0022	-2.5 to 2.5	Pass
				0	12	2.432	0.0014	-2.5 to 2.5	Pass
				10	12	0.973	0.0006	-2.5 to 2.5	Pass
				30	12	3.834	0.0022	-2.5 to 2.5	Pass
				40	12	-0.658	-0.0004	-2.5 to 2.5	Pass
	50	12	3.648	0.0021	-2.5 to 2.5	Pass			
	1745	50	0	20	10.8	3.290	0.0019	-2.5 to 2.5	Pass
					12	2.360	0.0014	-2.5 to 2.5	Pass
					13.2	2.017	0.0012	-2.5 to 2.5	Pass
				-30	12	5.221	0.0030	-2.5 to 2.5	Pass
				-20	12	3.104	0.0018	-2.5 to 2.5	Pass
				-10	12	1.674	0.0010	-2.5 to 2.5	Pass
				0	12	2.933	0.0017	-2.5 to 2.5	Pass
				10	12	0.429	0.0002	-2.5 to 2.5	Pass
				30	12	5.336	0.0031	-2.5 to 2.5	Pass
				40	12	4.334	0.0025	-2.5 to 2.5	Pass
	50	12	2.260	0.0013	-2.5 to 2.5	Pass			
	1775	50	0	20	10.8	-3.963	-0.0022	-2.5 to 2.5	Pass
					12	1.917	0.0011	-2.5 to 2.5	Pass
					13.2	4.978	0.0028	-2.5 to 2.5	Pass
				-30	12	4.478	0.0025	-2.5 to 2.5	Pass
				-20	12	-4.249	-0.0024	-2.5 to 2.5	Pass
				-10	12	4.621	0.0026	-2.5 to 2.5	Pass
				0	12	0.029	0.0000	-2.5 to 2.5	Pass
				10	12	3.061	0.0017	-2.5 to 2.5	Pass
				30	12	4.263	0.0024	-2.5 to 2.5	Pass
				40	12	2.246	0.0013	-2.5 to 2.5	Pass
50	12	5.221	0.0029	-2.5 to 2.5	Pass				
256QAM	1715	50	0	20	10.8	2.089	0.0012	-2.5 to 2.5	Pass
					12	0.801	0.0005	-2.5 to 2.5	Pass
					13.2	3.304	0.0019	-2.5 to 2.5	Pass
				-30	12	3.161	0.0018	-2.5 to 2.5	Pass



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				-20	12	3.104	0.0018	-2.5 to 2.5	Pass
				-10	12	0.615	0.0004	-2.5 to 2.5	Pass
				0	12	2.003	0.0012	-2.5 to 2.5	Pass
				10	12	2.446	0.0014	-2.5 to 2.5	Pass
				30	12	2.646	0.0015	-2.5 to 2.5	Pass
				40	12	1.416	0.0008	-2.5 to 2.5	Pass
				50	12	2.747	0.0016	-2.5 to 2.5	Pass
	1745	50	0	20	10.8	4.234	0.0024	-2.5 to 2.5	Pass
					12	4.892	0.0028	-2.5 to 2.5	Pass
					13.2	3.633	0.0021	-2.5 to 2.5	Pass
				-30	12	5.221	0.0030	-2.5 to 2.5	Pass
				-20	12	0.300	0.0002	-2.5 to 2.5	Pass
				-10	12	1.459	0.0008	-2.5 to 2.5	Pass
				0	12	-0.272	-0.0002	-2.5 to 2.5	Pass
				10	12	3.190	0.0018	-2.5 to 2.5	Pass
				30	12	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	12	3.247	0.0019	-2.5 to 2.5	Pass
				50	12	1.588	0.0009	-2.5 to 2.5	Pass
	1775	50	0	20	10.8	1.445	0.0008	-2.5 to 2.5	Pass
					12	8.669	0.0049	-2.5 to 2.5	Pass
					13.2	6.294	0.0035	-2.5 to 2.5	Pass
				-30	12	1.559	0.0009	-2.5 to 2.5	Pass
				-20	12	5.622	0.0032	-2.5 to 2.5	Pass
				-10	12	4.463	0.0025	-2.5 to 2.5	Pass
				0	12	5.093	0.0029	-2.5 to 2.5	Pass
				10	12	3.805	0.0021	-2.5 to 2.5	Pass
				30	12	4.978	0.0028	-2.5 to 2.5	Pass
				40	12	5.307	0.0030	-2.5 to 2.5	Pass
				50	12	3.433	0.0019	-2.5 to 2.5	Pass

13.5 B66_15MHz

13.5.1 Test Result

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	10.8	0.215	0.0001	-2.5 to 2.5	Pass
					12	-0.072	0.0000	-2.5 to 2.5	Pass
					13.2	-4.849	-0.0028	-2.5 to 2.5	Pass
				-30	12	-2.246	-0.0013	-2.5 to 2.5	Pass
				-20	12	-0.386	-0.0002	-2.5 to 2.5	Pass
				-10	12	-0.944	-0.0005	-2.5 to 2.5	Pass
				0	12	-3.018	-0.0018	-2.5 to 2.5	Pass
				10	12	-2.532	-0.0015	-2.5 to 2.5	Pass
				30	12	-3.433	-0.0020	-2.5 to 2.5	Pass
				40	12	-0.458	-0.0003	-2.5 to 2.5	Pass
				50	12	1.760	0.0010	-2.5 to 2.5	Pass
	1745	75	0	20	10.8	0.901	0.0005	-2.5 to 2.5	Pass
					12	-0.687	-0.0004	-2.5 to 2.5	Pass
					13.2	-0.958	-0.0005	-2.5 to 2.5	Pass
				-30	12	1.817	0.0010	-2.5 to 2.5	Pass



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				-20	12	-2.818	-0.0016	-2.5 to 2.5	Pass			
				-10	12	0.114	0.0001	-2.5 to 2.5	Pass			
				0	12	1.087	0.0006	-2.5 to 2.5	Pass			
				10	12	0.529	0.0003	-2.5 to 2.5	Pass			
				30	12	0.887	0.0005	-2.5 to 2.5	Pass			
				40	12	-0.715	-0.0004	-2.5 to 2.5	Pass			
				50	12	-2.160	-0.0012	-2.5 to 2.5	Pass			
	1772.5	75	0	20	10.8	0.529	0.0003	-2.5 to 2.5	Pass			
					12	-3.176	-0.0018	-2.5 to 2.5	Pass			
					13.2	0.143	0.0001	-2.5 to 2.5	Pass			
				-30	12	2.904	0.0016	-2.5 to 2.5	Pass			
				-20	12	-0.701	-0.0004	-2.5 to 2.5	Pass			
				-10	12	-0.486	-0.0003	-2.5 to 2.5	Pass			
				0	12	1.001	0.0006	-2.5 to 2.5	Pass			
				10	12	0.715	0.0004	-2.5 to 2.5	Pass			
				30	12	1.788	0.0010	-2.5 to 2.5	Pass			
				40	12	-0.215	-0.0001	-2.5 to 2.5	Pass			
				50	12	-0.200	-0.0001	-2.5 to 2.5	Pass			
				16QAM	1717.5	75	0	20	10.8	2.303	0.0013	-2.5 to 2.5
12	3.204	0.0019	-2.5 to 2.5						Pass			
13.2	0.916	0.0005	-2.5 to 2.5						Pass			
-30	12	2.661	0.0015					-2.5 to 2.5	Pass			
-20	12	2.489	0.0014					-2.5 to 2.5	Pass			
-10	12	1.616	0.0009					-2.5 to 2.5	Pass			
0	12	3.734	0.0022					-2.5 to 2.5	Pass			
10	12	1.359	0.0008					-2.5 to 2.5	Pass			
30	12	1.402	0.0008					-2.5 to 2.5	Pass			
40	12	2.661	0.0015					-2.5 to 2.5	Pass			
50	12	2.289	0.0013					-2.5 to 2.5	Pass			
1745	75	0	20					10.8	0.358	0.0002	-2.5 to 2.5	Pass
								12	-0.386	-0.0002	-2.5 to 2.5	Pass
					13.2	-2.246	-0.0013	-2.5 to 2.5	Pass			
			-30		12	1.945	0.0011	-2.5 to 2.5	Pass			
			-20		12	-0.443	-0.0003	-2.5 to 2.5	Pass			
			-10		12	1.917	0.0011	-2.5 to 2.5	Pass			
			0		12	1.245	0.0007	-2.5 to 2.5	Pass			
			10		12	-2.389	-0.0014	-2.5 to 2.5	Pass			
			30		12	2.217	0.0013	-2.5 to 2.5	Pass			
			40		12	-0.930	-0.0005	-2.5 to 2.5	Pass			
			50		12	0.958	0.0005	-2.5 to 2.5	Pass			
			1772.5		75	0	20	10.8	0.086	0.0000	-2.5 to 2.5	Pass
								12	-0.987	-0.0006	-2.5 to 2.5	Pass
13.2	0.901	0.0005						-2.5 to 2.5	Pass			
-30	12	-3.848					-0.0022	-2.5 to 2.5	Pass			
-20	12	0.930					0.0005	-2.5 to 2.5	Pass			
-10	12	-1.645					-0.0009	-2.5 to 2.5	Pass			
0	12	-0.300					-0.0002	-2.5 to 2.5	Pass			
10	12	-1.273					-0.0007	-2.5 to 2.5	Pass			
30	12	-0.114					-0.0001	-2.5 to 2.5	Pass			
40	12	-1.016		-0.0006			-2.5 to 2.5	Pass				
50	12	-2.060		-0.0012			-2.5 to 2.5	Pass				
64QAM	1717.5	75		0			20	10.8	-0.300	-0.0002	-2.5 to 2.5	Pass
			12		1.287	0.0007		-2.5 to 2.5	Pass			
			13.2		1.931	0.0011		-2.5 to 2.5	Pass			



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256QAM	1745	75	0	-30	12	0.186	0.0001	-2.5 to 2.5	Pass
				-20	12	1.702	0.0010	-2.5 to 2.5	Pass
				-10	12	4.935	0.0029	-2.5 to 2.5	Pass
				0	12	6.552	0.0038	-2.5 to 2.5	Pass
				10	12	0.429	0.0002	-2.5 to 2.5	Pass
				30	12	4.749	0.0028	-2.5 to 2.5	Pass
				40	12	2.403	0.0014	-2.5 to 2.5	Pass
				50	12	3.490	0.0020	-2.5 to 2.5	Pass
				20	10.8	-1.159	-0.0007	-2.5 to 2.5	Pass
					12	2.232	0.0013	-2.5 to 2.5	Pass
					13.2	0.587	0.0003	-2.5 to 2.5	Pass
				-30	12	3.533	0.0020	-2.5 to 2.5	Pass
				-20	12	2.947	0.0017	-2.5 to 2.5	Pass
				-10	12	-0.658	-0.0004	-2.5 to 2.5	Pass
				0	12	1.287	0.0007	-2.5 to 2.5	Pass
				10	12	5.779	0.0033	-2.5 to 2.5	Pass
				30	12	2.847	0.0016	-2.5 to 2.5	Pass
				40	12	3.862	0.0022	-2.5 to 2.5	Pass
				50	12	2.761	0.0016	-2.5 to 2.5	Pass
	1772.5	75	0	20	10.8	-1.216	-0.0007	-2.5 to 2.5	Pass
					12	-1.259	-0.0007	-2.5 to 2.5	Pass
					13.2	1.717	0.0010	-2.5 to 2.5	Pass
				-30	12	2.532	0.0014	-2.5 to 2.5	Pass
				-20	12	1.903	0.0011	-2.5 to 2.5	Pass
				-10	12	1.159	0.0007	-2.5 to 2.5	Pass
				0	12	2.975	0.0017	-2.5 to 2.5	Pass
				10	12	1.087	0.0006	-2.5 to 2.5	Pass
				30	12	1.903	0.0011	-2.5 to 2.5	Pass
				40	12	0.715	0.0004	-2.5 to 2.5	Pass
				50	12	1.130	0.0006	-2.5 to 2.5	Pass
	1717.5	75	0	20	10.8	2.661	0.0015	-2.5 to 2.5	Pass
					12	1.202	0.0007	-2.5 to 2.5	Pass
					13.2	3.862	0.0022	-2.5 to 2.5	Pass
				-30	12	4.706	0.0027	-2.5 to 2.5	Pass
				-20	12	2.031	0.0012	-2.5 to 2.5	Pass
				-10	12	3.648	0.0021	-2.5 to 2.5	Pass
				0	12	4.578	0.0027	-2.5 to 2.5	Pass
				10	12	5.364	0.0031	-2.5 to 2.5	Pass
				30	12	2.260	0.0013	-2.5 to 2.5	Pass
				40	12	3.848	0.0022	-2.5 to 2.5	Pass
				50	12	2.918	0.0017	-2.5 to 2.5	Pass
	1745	75	0	20	10.8	5.937	0.0034	-2.5 to 2.5	Pass
					12	1.416	0.0008	-2.5 to 2.5	Pass
					13.2	-0.615	-0.0004	-2.5 to 2.5	Pass
				-30	12	-1.359	-0.0008	-2.5 to 2.5	Pass
				-20	12	3.004	0.0017	-2.5 to 2.5	Pass
				-10	12	2.060	0.0012	-2.5 to 2.5	Pass
				0	12	-1.101	-0.0006	-2.5 to 2.5	Pass
				10	12	2.961	0.0017	-2.5 to 2.5	Pass
				30	12	0.186	0.0001	-2.5 to 2.5	Pass
				40	12	2.246	0.0013	-2.5 to 2.5	Pass
				50	12	2.704	0.0015	-2.5 to 2.5	Pass
	1772.5	75	0	20	10.8	0.758	0.0004	-2.5 to 2.5	Pass
					12	-1.760	-0.0010	-2.5 to 2.5	Pass



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中国·江苏·昆山市留学生创业园伟业路18号 邮编 215300

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				13.2	0.100	0.0001	-2.5 to 2.5	Pass
			-30	12	0.587	0.0003	-2.5 to 2.5	Pass
			-20	12	1.774	0.0010	-2.5 to 2.5	Pass
			-10	12	2.174	0.0012	-2.5 to 2.5	Pass
			0	12	1.860	0.0010	-2.5 to 2.5	Pass
			10	12	0.787	0.0004	-2.5 to 2.5	Pass
			30	12	0.401	0.0002	-2.5 to 2.5	Pass
			40	12	0.401	0.0002	-2.5 to 2.5	Pass
			50	12	1.144	0.0006	-2.5 to 2.5	Pass

13.6 B66_20MHz

13.6.1 Test Result

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	10.8	-4.134	-0.0024	-2.5 to 2.5	Pass
					12	-2.160	-0.0013	-2.5 to 2.5	Pass
					13.2	-1.945	-0.0011	-2.5 to 2.5	Pass
				-30	12	-1.473	-0.0009	-2.5 to 2.5	Pass
				-20	12	-6.251	-0.0036	-2.5 to 2.5	Pass
				-10	12	-4.034	-0.0023	-2.5 to 2.5	Pass
				0	12	-5.078	-0.0030	-2.5 to 2.5	Pass
				10	12	0.844	0.0005	-2.5 to 2.5	Pass
				30	12	-0.873	-0.0005	-2.5 to 2.5	Pass
				40	12	-2.861	-0.0017	-2.5 to 2.5	Pass
				50	12	-1.588	-0.0009	-2.5 to 2.5	Pass
	1745	100	0	20	10.8	3.691	0.0021	-2.5 to 2.5	Pass
					12	-0.243	-0.0001	-2.5 to 2.5	Pass
					13.2	2.604	0.0015	-2.5 to 2.5	Pass
				-30	12	1.101	0.0006	-2.5 to 2.5	Pass
				-20	12	0.672	0.0004	-2.5 to 2.5	Pass
				-10	12	6.208	0.0036	-2.5 to 2.5	Pass
				0	12	7.167	0.0041	-2.5 to 2.5	Pass
				10	12	7.911	0.0045	-2.5 to 2.5	Pass
				30	12	4.892	0.0028	-2.5 to 2.5	Pass
				40	12	3.448	0.0020	-2.5 to 2.5	Pass
				50	12	6.881	0.0039	-2.5 to 2.5	Pass
	1770	100	0	20	10.8	0.887	0.0005	-2.5 to 2.5	Pass
					12	-2.961	-0.0017	-2.5 to 2.5	Pass
					13.2	-1.702	-0.0010	-2.5 to 2.5	Pass
				-30	12	-0.472	-0.0003	-2.5 to 2.5	Pass
				-20	12	-2.375	-0.0013	-2.5 to 2.5	Pass
				-10	12	0.186	0.0001	-2.5 to 2.5	Pass
				0	12	-1.001	-0.0006	-2.5 to 2.5	Pass
				10	12	-1.845	-0.0010	-2.5 to 2.5	Pass
				30	12	-2.503	-0.0014	-2.5 to 2.5	Pass
				40	12	-2.990	-0.0017	-2.5 to 2.5	Pass
				50	12	-3.748	-0.0021	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	10.8	-3.319	-0.0019	-2.5 to 2.5	Pass
					12	-2.890	-0.0017	-2.5 to 2.5	Pass



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No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300

(86-512)57350888 (86-512)57370911 www.sgs.com.cn

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					13.2	-2.074	-0.0012	-2.5 to 2.5	Pass
				-30	12	-4.277	-0.0025	-2.5 to 2.5	Pass
				-20	12	-3.319	-0.0019	-2.5 to 2.5	Pass
				-10	12	-4.334	-0.0025	-2.5 to 2.5	Pass
				0	12	-3.676	-0.0021	-2.5 to 2.5	Pass
				10	12	-1.688	-0.0010	-2.5 to 2.5	Pass
				30	12	-2.446	-0.0014	-2.5 to 2.5	Pass
				40	12	-2.518	-0.0015	-2.5 to 2.5	Pass
				50	12	1.888	0.0011	-2.5 to 2.5	Pass
				1745	100	0	20	10.8	1.659
	12	1.745	0.0010					-2.5 to 2.5	Pass
	13.2	2.704	0.0015					-2.5 to 2.5	Pass
	-30	12	1.502				0.0009	-2.5 to 2.5	Pass
	-20	12	5.622				0.0032	-2.5 to 2.5	Pass
	-10	12	6.251				0.0036	-2.5 to 2.5	Pass
	0	12	4.392				0.0025	-2.5 to 2.5	Pass
	10	12	3.304				0.0019	-2.5 to 2.5	Pass
	30	12	0.200				0.0001	-2.5 to 2.5	Pass
	40	12	2.561				0.0015	-2.5 to 2.5	Pass
	50	12	4.549	0.0026	-2.5 to 2.5	Pass			
	1770	100	0	20	10.8	-2.646	-0.0015	-2.5 to 2.5	Pass
					12	-2.031	-0.0011	-2.5 to 2.5	Pass
					13.2	-0.401	-0.0002	-2.5 to 2.5	Pass
				-30	12	-0.873	-0.0005	-2.5 to 2.5	Pass
				-20	12	0.758	0.0004	-2.5 to 2.5	Pass
				-10	12	-0.515	-0.0003	-2.5 to 2.5	Pass
				0	12	-1.760	-0.0010	-2.5 to 2.5	Pass
				10	12	-4.692	-0.0027	-2.5 to 2.5	Pass
				30	12	1.016	0.0006	-2.5 to 2.5	Pass
				40	12	-2.375	-0.0013	-2.5 to 2.5	Pass
50	12	-1.760	-0.0010	-2.5 to 2.5	Pass				
64QAM	1720	100	0	20	10.8	-2.317	-0.0013	-2.5 to 2.5	Pass
					12	-0.644	-0.0004	-2.5 to 2.5	Pass
					13.2	-5.064	-0.0029	-2.5 to 2.5	Pass
				-30	12	-1.230	-0.0007	-2.5 to 2.5	Pass
				-20	12	-1.917	-0.0011	-2.5 to 2.5	Pass
				-10	12	-5.951	-0.0035	-2.5 to 2.5	Pass
				0	12	-0.801	-0.0005	-2.5 to 2.5	Pass
				10	12	-1.173	-0.0007	-2.5 to 2.5	Pass
				30	12	-3.605	-0.0021	-2.5 to 2.5	Pass
				40	12	-3.591	-0.0021	-2.5 to 2.5	Pass
	50	12	-0.472	-0.0003	-2.5 to 2.5	Pass			
	1745	100	0	20	10.8	0.415	0.0002	-2.5 to 2.5	Pass
					12	3.791	0.0022	-2.5 to 2.5	Pass
					13.2	3.047	0.0017	-2.5 to 2.5	Pass
				-30	12	6.666	0.0038	-2.5 to 2.5	Pass
				-20	12	2.275	0.0013	-2.5 to 2.5	Pass
				-10	12	3.562	0.0020	-2.5 to 2.5	Pass
				0	12	0.958	0.0005	-2.5 to 2.5	Pass
				10	12	2.661	0.0015	-2.5 to 2.5	Pass
				30	12	5.579	0.0032	-2.5 to 2.5	Pass
				40	12	10.86	0.0019	-2.5 to 2.5	Pass
	50	12	3.390	0.0019	-2.5 to 2.5	Pass			
1770	100	0	20	10.8	-3.304	-0.0019	-2.5 to 2.5	Pass	



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					12	-0.515	-0.0003	-2.5 to 2.5	Pass
					13.2	0.544	0.0003	-2.5 to 2.5	Pass
				-30	12	-1.588	-0.0009	-2.5 to 2.5	Pass
				-20	12	-2.947	-0.0017	-2.5 to 2.5	Pass
				-10	12	-2.060	-0.0012	-2.5 to 2.5	Pass
				0	12	-4.578	-0.0026	-2.5 to 2.5	Pass
				10	12	-2.174	-0.0012	-2.5 to 2.5	Pass
				30	12	-4.992	-0.0028	-2.5 to 2.5	Pass
				40	12	-3.262	-0.0018	-2.5 to 2.5	Pass
				50	12	-3.362	-0.0019	-2.5 to 2.5	Pass
256QAM	1720	100	0	20	10.8	-3.104	-0.0018	-2.5 to 2.5	Pass
					12	-4.621	-0.0027	-2.5 to 2.5	Pass
					13.2	0.458	0.0003	-2.5 to 2.5	Pass
				-30	12	-1.545	-0.0009	-2.5 to 2.5	Pass
				-20	12	-3.147	-0.0018	-2.5 to 2.5	Pass
				-10	12	-1.888	-0.0011	-2.5 to 2.5	Pass
				0	12	-1.702	-0.0010	-2.5 to 2.5	Pass
				10	12	-5.279	-0.0031	-2.5 to 2.5	Pass
				30	12	-2.217	-0.0013	-2.5 to 2.5	Pass
				40	12	-2.017	-0.0012	-2.5 to 2.5	Pass
	50	12	-2.174	-0.0013	-2.5 to 2.5	Pass			
	1745	100	0	20	10.8	2.346	0.0013	-2.5 to 2.5	Pass
					12	2.174	0.0012	-2.5 to 2.5	Pass
					13.2	4.992	0.0029	-2.5 to 2.5	Pass
				-30	12	1.316	0.0008	-2.5 to 2.5	Pass
				-20	12	5.879	0.0034	-2.5 to 2.5	Pass
				-10	12	2.289	0.0013	-2.5 to 2.5	Pass
				0	12	8.054	0.0046	-2.5 to 2.5	Pass
				10	12	3.047	0.0017	-2.5 to 2.5	Pass
				30	12	2.890	0.0017	-2.5 to 2.5	Pass
				40	12	4.907	0.0028	-2.5 to 2.5	Pass
	50	12	3.734	0.0021	-2.5 to 2.5	Pass			
	1770	100	0	20	10.8	-1.116	-0.0006	-2.5 to 2.5	Pass
					12	-1.059	-0.0006	-2.5 to 2.5	Pass
					13.2	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	12	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	12	-1.817	-0.0010	-2.5 to 2.5	Pass
				-10	12	-0.014	0.0000	-2.5 to 2.5	Pass
				0	12	0.315	0.0002	-2.5 to 2.5	Pass
				10	12	-0.501	-0.0003	-2.5 to 2.5	Pass
				30	12	-2.489	-0.0014	-2.5 to 2.5	Pass
				40	12	-0.014	0.0000	-2.5 to 2.5	Pass
50				12	-3.505	-0.0020	-2.5 to 2.5	Pass	



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No.18, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学生创业园伟业路18号 邮编 215300

(86-512) 57350888 (86-512) 57370911 www.sgs.com.cn

(86-512) 57350888 (86-512) 57370911 sgs.china@sgs.com