

1. Frequency Stability

1.1 B12_1.4MHz

1.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	699.7	6	0	20	3.27	1.288	0.0018	-2.5 to 2.5	Pass
					3.85	0.267	0.0004	-2.5 to 2.5	Pass
					4.43	-0.909	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.787	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.558	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-0.427	-0.0006	-2.5 to 2.5	Pass
				0	3.85	1.533	0.0022	-2.5 to 2.5	Pass
				10	3.85	1.294	0.0018	-2.5 to 2.5	Pass
				30	3.85	0.534	0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.932	-0.0013	-2.5 to 2.5	Pass
				50	3.85	0.469	0.0007	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-0.441	-0.0006	-2.5 to 2.5	Pass
					3.85	3.395	0.0048	-2.5 to 2.5	Pass
					4.43	2.379	0.0034	-2.5 to 2.5	Pass
				-30	3.85	-0.919	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.870	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.991	-0.0014	-2.5 to 2.5	Pass
				0	3.85	0.836	0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.306	-0.0004	-2.5 to 2.5	Pass
				30	3.85	3.444	0.0049	-2.5 to 2.5	Pass
				40	3.85	0.900	0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.214	-0.0017	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	1.151	0.0016	-2.5 to 2.5	Pass
					3.85	1.838	0.0026	-2.5 to 2.5	Pass
					4.43	2.035	0.0028	-2.5 to 2.5	Pass
				-30	3.85	4.066	0.0057	-2.5 to 2.5	Pass
				-20	3.85	2.772	0.0039	-2.5 to 2.5	Pass
				-10	3.85	-0.297	-0.0004	-2.5 to 2.5	Pass
				0	3.85	1.019	0.0014	-2.5 to 2.5	Pass
				10	3.85	0.130	0.0002	-2.5 to 2.5	Pass
				30	3.85	3.242	0.0045	-2.5 to 2.5	Pass
				40	3.85	0.852	0.0012	-2.5 to 2.5	Pass
				50	3.85	1.553	0.0022	-2.5 to 2.5	Pass



1.2 B12_3MHz

1.2.1 Test Result

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	700.5	15	0	20	3.27	0.527	0.0008	-2.5 to 2.5	Pass
					3.85	1.325	0.0019	-2.5 to 2.5	Pass
					4.43	2.518	0.0036	-2.5 to 2.5	Pass
				-30	3.85	1.352	0.0019	-2.5 to 2.5	Pass
				-20	3.85	2.016	0.0029	-2.5 to 2.5	Pass
				-10	3.85	0.430	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.563	0.0022	-2.5 to 2.5	Pass
				10	3.85	0.731	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.169	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.207	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.796	-0.0011	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-2.546	-0.0036	-2.5 to 2.5	Pass
					3.85	0.603	0.0009	-2.5 to 2.5	Pass
					4.43	1.196	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.393	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.605	0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.005	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-0.177	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.727	-0.0024	-2.5 to 2.5	Pass
				30	3.85	2.278	0.0032	-2.5 to 2.5	Pass
				40	3.85	-1.723	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-0.112	-0.0002	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	2.700	0.0038	-2.5 to 2.5	Pass
					3.85	0.193	0.0003	-2.5 to 2.5	Pass
					4.43	1.123	0.0016	-2.5 to 2.5	Pass
				-30	3.85	0.580	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.846	0.0026	-2.5 to 2.5	Pass
				-10	3.85	-0.342	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.118	-0.0016	-2.5 to 2.5	Pass
				10	3.85	0.289	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.237	0.0017	-2.5 to 2.5	Pass
				40	3.85	0.239	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.032	0.0000	-2.5 to 2.5	Pass





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

Page: 3 of 32

1.3 B12_5MHz

1.3.1 Test Result

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	701.5	25	0	20	3.27	-1.287	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.205	-0.0031	-2.5 to 2.5	Pass
					4.43	-0.004	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.121	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.380	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-2.919	-0.0042	-2.5 to 2.5	Pass
				0	3.85	0.279	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.804	-0.0011	-2.5 to 2.5	Pass
				30	3.85	0.269	0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.400	-0.0006	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-0.477	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.485	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.978	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.112	0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.201	0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.288	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.262	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.446	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.050	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.592	0.0008	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-0.848	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.290	-0.0032	-2.5 to 2.5	Pass
					4.43	-1.539	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.382	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-3.211	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-2.170	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.804	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-0.521	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.348	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.962	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-1.664	-0.0023	-2.5 to 2.5	Pass



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

1.4 B12_10MHz

1.4.1 Test Result

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	704	50	0	20	3.27	0.857	0.0012	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
					4.43	-0.881	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.083	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.528	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-0.477	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.934	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.092	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.843	0.0012	-2.5 to 2.5	Pass
				40	3.85	0.924	0.0013	-2.5 to 2.5	Pass
				50	3.85	0.401	0.0006	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	0.709	0.0010	-2.5 to 2.5	Pass
					3.85	2.034	0.0029	-2.5 to 2.5	Pass
					4.43	0.482	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.109	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.138	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.767	-0.0011	-2.5 to 2.5	Pass
				0	3.85	1.333	0.0019	-2.5 to 2.5	Pass
				10	3.85	-0.346	-0.0005	-2.5 to 2.5	Pass
				30	3.85	2.229	0.0032	-2.5 to 2.5	Pass
				40	3.85	-0.626	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.344	-0.0005	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.018	0.0000	-2.5 to 2.5	Pass
					3.85	1.414	0.0020	-2.5 to 2.5	Pass
					4.43	0.033	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.448	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.780	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.173	0.0016	-2.5 to 2.5	Pass
				10	3.85	0.492	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.652	0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.459	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.605	-0.0023	-2.5 to 2.5	Pass



2. Frequency Stability

2.1 B13_5MHz

2.1.1 Test Result

Band: 13 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	779.5	25	0	20	3.27	-0.673	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.611	-0.0033	-2.5 to 2.5	Pass
					4.43	-1.301	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.439	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.105	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.949	0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.256	-0.0029	-2.5 to 2.5	Pass
				10	3.85	2.192	0.0028	-2.5 to 2.5	Pass
				30	3.85	0.861	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.285	0.0016	-2.5 to 2.5	Pass
				50	3.85	2.091	0.0027	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-0.750	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.301	-0.0004	-2.5 to 2.5	Pass
					4.43	0.675	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.506	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.123	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.600	0.0020	-2.5 to 2.5	Pass
				0	3.85	-0.622	-0.0008	-2.5 to 2.5	Pass
				10	3.85	1.018	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.135	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.271	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.163	0.0028	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	1.412	0.0018	-2.5 to 2.5	Pass
					3.85	-2.187	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.186	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.237	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.213	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.409	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.620	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-0.560	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.079	-0.0014	-2.5 to 2.5	Pass
				40	3.85	1.853	0.0024	-2.5 to 2.5	Pass
				50	3.85	-1.761	-0.0022	-2.5 to 2.5	Pass





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

Page: 6 of 32

2.2 B13_10MHz

2.2.1 Test Result

Band: 13 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	782	50	0	20	3.27	1.508	0.0019	-2.5 to 2.5	Pass
					3.85	0.628	0.0008	-2.5 to 2.5	Pass
					4.43	-1.313	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.824	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.196	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.435	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.585	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.299	0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.120	-0.0014	-2.5 to 2.5	Pass
				40	3.85	2.727	0.0035	-2.5 to 2.5	Pass
				50	3.85	-1.880	-0.0024	-2.5 to 2.5	Pass



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

3. Frequency Stability

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1850.7	6	0	20	3.27	3.369	0.0018	-2.5 to 2.5	Pass
					3.85	2.967	0.0016	-2.5 to 2.5	Pass
					4.43	0.496	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.705	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.746	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	3.182	0.0017	-2.5 to 2.5	Pass
				0	3.85	6.480	0.0035	-2.5 to 2.5	Pass
				10	3.85	0.449	0.0002	-2.5 to 2.5	Pass
				30	3.85	3.041	0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.468	-0.0019	-2.5 to 2.5	Pass
				50	3.85	2.783	0.0015	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-4.050	-0.0022	-2.5 to 2.5	Pass
					3.85	-4.298	-0.0023	-2.5 to 2.5	Pass
					4.43	-0.893	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-3.957	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.039	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	0.532	0.0003	-2.5 to 2.5	Pass
				0	3.85	2.078	0.0011	-2.5 to 2.5	Pass
				10	3.85	5.466	0.0029	-2.5 to 2.5	Pass
				30	3.85	1.861	0.0010	-2.5 to 2.5	Pass
				40	3.85	2.165	0.0012	-2.5 to 2.5	Pass
				50	3.85	6.465	0.0034	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	3.821	0.0020	-2.5 to 2.5	Pass
					3.85	-3.914	-0.0020	-2.5 to 2.5	Pass
					4.43	3.826	0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.537	0.0008	-2.5 to 2.5	Pass
				-20	3.85	6.737	0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.177	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.433	-0.0002	-2.5 to 2.5	Pass
				10	3.85	4.024	0.0021	-2.5 to 2.5	Pass
				30	3.85	2.114	0.0011	-2.5 to 2.5	Pass
				40	3.85	5.669	0.0030	-2.5 to 2.5	Pass
				50	3.85	3.298	0.0017	-2.5 to 2.5	Pass



3.2 B2_3MHz

3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1851.5	15	0	20	3.27	-1.584	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.731	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.994	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.903	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.657	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.268	-0.0001	-2.5 to 2.5	Pass
				0	3.85	5.152	0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.791	-0.0042	-2.5 to 2.5	Pass
				30	3.85	0.076	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.801	0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.336	-0.0002	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-0.632	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.449	-0.0002	-2.5 to 2.5	Pass
					4.43	-2.010	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.274	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.968	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.614	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.083	0.0000	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				30	3.85	2.683	0.0014	-2.5 to 2.5	Pass
				40	3.85	-1.414	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.795	-0.0004	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-2.196	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.688	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.479	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.554	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-4.137	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.324	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.641	0.0009	-2.5 to 2.5	Pass
				50	3.85	-3.790	-0.0020	-2.5 to 2.5	Pass



3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1852.5	25	0	20	3.27	2.350	0.0013	-2.5 to 2.5	Pass
					3.85	-2.059	-0.0011	-2.5 to 2.5	Pass
					4.43	5.336	0.0029	-2.5 to 2.5	Pass
				-30	3.85	-0.792	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.235	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-3.216	-0.0017	-2.5 to 2.5	Pass
				0	3.85	1.708	0.0009	-2.5 to 2.5	Pass
				10	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
				30	3.85	0.046	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.703	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.770	0.0004	-2.5 to 2.5	Pass
				1880	25	0	20	3.27	4.110
	3.85	-0.027	0.0000					-2.5 to 2.5	Pass
	4.43	-1.810	-0.0010					-2.5 to 2.5	Pass
	-30	3.85	-2.825				-0.0015	-2.5 to 2.5	Pass
	-20	3.85	4.527				0.0024	-2.5 to 2.5	Pass
	-10	3.85	4.311				0.0023	-2.5 to 2.5	Pass
	0	3.85	0.024				0.0000	-2.5 to 2.5	Pass
	10	3.85	2.704				0.0014	-2.5 to 2.5	Pass
	30	3.85	0.747				0.0004	-2.5 to 2.5	Pass
	40	3.85	1.912				0.0010	-2.5 to 2.5	Pass
	50	3.85	2.316				0.0012	-2.5 to 2.5	Pass
	1907.5	25	0				20	3.27	-3.671
				3.85	-5.979	-0.0031		-2.5 to 2.5	Pass
				4.43	1.893	0.0010		-2.5 to 2.5	Pass
				-30	3.85	-2.018	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.880	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-3.982	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-5.182	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-1.322	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.261	0.0001	-2.5 to 2.5	Pass
				40	3.85	4.874	0.0026	-2.5 to 2.5	Pass
				50	3.85	2.287	0.0012	-2.5 to 2.5	Pass



3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1855	50	0	20	3.27	2.633	0.0014	-2.5 to 2.5	Pass
					3.85	3.028	0.0016	-2.5 to 2.5	Pass
					4.43	4.491	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.298	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.837	0.0021	-2.5 to 2.5	Pass
				-10	3.85	2.090	0.0011	-2.5 to 2.5	Pass
				0	3.85	3.778	0.0020	-2.5 to 2.5	Pass
				10	3.85	-3.996	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-3.150	-0.0017	-2.5 to 2.5	Pass
				40	3.85	1.757	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.339	0.0007	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	3.563	0.0019	-2.5 to 2.5	Pass
					3.85	2.074	0.0011	-2.5 to 2.5	Pass
					4.43	2.571	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-8.272	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-0.795	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.844	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.461	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.967	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.944	0.0010	-2.5 to 2.5	Pass
				40	3.85	-6.313	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.039	-0.0027	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-3.796	-0.0020	-2.5 to 2.5	Pass
					3.85	-5.024	-0.0026	-2.5 to 2.5	Pass
					4.43	-0.440	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.510	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.084	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.745	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				10	3.85	2.274	0.0012	-2.5 to 2.5	Pass
				30	3.85	0.178	0.0001	-2.5 to 2.5	Pass
				40	3.85	-5.447	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-4.592	-0.0024	-2.5 to 2.5	Pass



3.5 B2_15MHz

3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1857.5	75	0	20	3.27	3.864	0.0021	-2.5 to 2.5	Pass
					3.85	2.844	0.0015	-2.5 to 2.5	Pass
					4.43	0.868	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.761	0.0015	-2.5 to 2.5	Pass
				-20	3.85	1.085	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.546	0.0008	-2.5 to 2.5	Pass
				0	3.85	-4.462	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-6.737	-0.0036	-2.5 to 2.5	Pass
				30	3.85	5.302	0.0029	-2.5 to 2.5	Pass
				40	3.85	-3.656	-0.0020	-2.5 to 2.5	Pass
				50	3.85	4.602	0.0025	-2.5 to 2.5	Pass
				1880	75	0	20	3.27	1.156
	3.85	0.908	0.0005					-2.5 to 2.5	Pass
	4.43	-2.517	-0.0013					-2.5 to 2.5	Pass
	-30	3.85	-0.923				-0.0005	-2.5 to 2.5	Pass
	-20	3.85	1.081				0.0006	-2.5 to 2.5	Pass
	-10	3.85	-0.530				-0.0003	-2.5 to 2.5	Pass
	0	3.85	2.558				0.0014	-2.5 to 2.5	Pass
	10	3.85	-2.506				-0.0013	-2.5 to 2.5	Pass
	30	3.85	-2.296				-0.0012	-2.5 to 2.5	Pass
	40	3.85	0.703				0.0004	-2.5 to 2.5	Pass
	50	3.85	2.347				0.0012	-2.5 to 2.5	Pass
	1902.5	75	0				20	3.27	9.735
				3.85	2.121	0.0011		-2.5 to 2.5	Pass
				4.43	-0.313	-0.0002		-2.5 to 2.5	Pass
				-30	3.85	-1.795	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.458	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-8.281	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-1.098	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.311	0.0002	-2.5 to 2.5	Pass
				30	3.85	-3.228	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-14.961	-0.0079	-2.5 to 2.5	Pass
				50	3.85	0.708	0.0004	-2.5 to 2.5	Pass



3.6 B2_20MHz

3.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1860	100	0	20	3.27	1.338	0.0007	-2.5 to 2.5	Pass
					3.85	-4.715	-0.0025	-2.5 to 2.5	Pass
					4.43	0.334	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.316	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.274	0.0012	-2.5 to 2.5	Pass
				0	3.85	2.685	0.0014	-2.5 to 2.5	Pass
				10	3.85	3.212	0.0017	-2.5 to 2.5	Pass
				30	3.85	2.183	0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.345	0.0002	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	5.827	0.0031	-2.5 to 2.5	Pass
					3.85	-2.903	-0.0015	-2.5 to 2.5	Pass
					4.43	9.183	0.0049	-2.5 to 2.5	Pass
				-30	3.85	-0.147	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.681	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.262	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.379	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.925	0.0005	-2.5 to 2.5	Pass
				30	3.85	3.123	0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.088	-0.0016	-2.5 to 2.5	Pass
				50	3.85	1.859	0.0010	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-0.234	-0.0001	-2.5 to 2.5	Pass
					3.85	2.196	0.0012	-2.5 to 2.5	Pass
					4.43	4.946	0.0026	-2.5 to 2.5	Pass
				-30	3.85	0.677	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.256	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.188	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-8.597	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-0.116	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-5.071	-0.0027	-2.5 to 2.5	Pass



4. Frequency Stability

4.1 B4_1.4MHz

4.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1710.7	6	0	20	3.27	-3.570	-0.0021	-2.5 to 2.5	Pass
					3.85	-5.250	-0.0031	-2.5 to 2.5	Pass
					4.43	-0.400	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.223	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.370	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	2.678	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.106	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.397	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.183	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.924	-0.0017	-2.5 to 2.5	Pass
				50	3.85	1.190	0.0007	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-4.642	-0.0027	-2.5 to 2.5	Pass
					3.85	-0.178	-0.0001	-2.5 to 2.5	Pass
					4.43	0.612	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-6.124	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	3.042	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.074	0.0000	-2.5 to 2.5	Pass
				0	3.85	2.456	0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.509	-0.0009	-2.5 to 2.5	Pass
				30	3.85	7.685	0.0044	-2.5 to 2.5	Pass
				40	3.85	1.603	0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	2.552	0.0015	-2.5 to 2.5	Pass
					3.85	3.311	0.0019	-2.5 to 2.5	Pass
					4.43	7.802	0.0044	-2.5 to 2.5	Pass
				-30	3.85	3.618	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-8.948	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-7.573	-0.0043	-2.5 to 2.5	Pass
				0	3.85	1.505	0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.271	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-5.084	-0.0029	-2.5 to 2.5	Pass
				40	3.85	0.396	0.0002	-2.5 to 2.5	Pass
				50	3.85	-9.727	-0.0055	-2.5 to 2.5	Pass



4.2 B4_3MHz

4.2.1 Test Result

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1711.5	15	0	20	3.27	2.250	0.0013	-2.5 to 2.5	Pass
					3.85	4.640	0.0027	-2.5 to 2.5	Pass
					4.43	-3.833	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.062	0.0000	-2.5 to 2.5	Pass
					3.85	-1.555	-0.0009	-2.5 to 2.5	Pass
					3.85	-4.673	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-0.839	-0.0005	-2.5 to 2.5	Pass
					3.85	0.202	0.0001	-2.5 to 2.5	Pass
					3.85	-1.606	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-5.172	-0.0030	-2.5 to 2.5	Pass
					3.85	0.002	0.0000	-2.5 to 2.5	Pass
					3.85	2.722	0.0016	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.85	-1.901	-0.0011	-2.5 to 2.5	Pass
					4.43	4.785	0.0028	-2.5 to 2.5	Pass
					3.85	1.475	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.792	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.705	-0.0004	-2.5 to 2.5	Pass
					3.85	4.317	0.0025	-2.5 to 2.5	Pass
				0	3.85	0.062	0.0000	-2.5 to 2.5	Pass
					3.85	-1.649	-0.0010	-2.5 to 2.5	Pass
				40	3.85	0.106	0.0001	-2.5 to 2.5	Pass
					3.85	-4.064	-0.0023	-2.5 to 2.5	Pass
					3.85	2.127	0.0012	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.85	-2.826	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.491	-0.0003	-2.5 to 2.5	Pass
					3.85	0.902	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.921	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.186	-0.0007	-2.5 to 2.5	Pass
					3.85	1.627	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.143	0.0001	-2.5 to 2.5	Pass
					3.85	-4.511	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.022	-0.0006	-2.5 to 2.5	Pass
					3.85	0.685	0.0004	-2.5 to 2.5	Pass



4.3 B4_5MHz

4.3.1 Test Result

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1712.5	25	0	20	3.27	-2.381	-0.0014	-2.5 to 2.5	Pass
					3.85	1.908	0.0011	-2.5 to 2.5	Pass
					4.43	-1.109	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-2.218	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.456	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-3.518	-0.0021	-2.5 to 2.5	Pass
				30	3.85	2.111	0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.269	-0.0002	-2.5 to 2.5	Pass
				50	3.85	3.564	0.0021	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.822	0.0005	-2.5 to 2.5	Pass
					3.85	3.827	0.0022	-2.5 to 2.5	Pass
					4.43	-4.481	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.439	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.839	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.229	-0.0013	-2.5 to 2.5	Pass
				0	3.85	2.074	0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.887	-0.0017	-2.5 to 2.5	Pass
				30	3.85	0.092	0.0001	-2.5 to 2.5	Pass
				40	3.85	-5.285	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-2.237	-0.0013	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-3.252	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
					4.43	-6.968	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-2.180	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.904	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	0.876	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.314	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.883	0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.749	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.942	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.591	-0.0009	-2.5 to 2.5	Pass



4.4 B4_10MHz

4.4.1 Test Result

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1715	50	0	20	3.27	-0.165	-0.0001	-2.5 to 2.5	Pass
					3.85	0.590	0.0003	-2.5 to 2.5	Pass
					4.43	-7.547	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	3.165	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.940	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.240	0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.227	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-2.022	-0.0012	-2.5 to 2.5	Pass
				30	3.85	4.727	0.0028	-2.5 to 2.5	Pass
				40	3.85	2.260	0.0013	-2.5 to 2.5	Pass
				50	3.85	2.729	0.0016	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	3.457	0.0020	-2.5 to 2.5	Pass
					3.85	0.808	0.0005	-2.5 to 2.5	Pass
					4.43	5.512	0.0032	-2.5 to 2.5	Pass
				-30	3.85	-2.699	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.362	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	6.022	0.0035	-2.5 to 2.5	Pass
				0	3.85	-3.278	-0.0019	-2.5 to 2.5	Pass
				10	3.85	2.347	0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.077	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.548	0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.203	-0.0001	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-1.925	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.424	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.884	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.320	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.669	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	4.332	0.0025	-2.5 to 2.5	Pass
				0	3.85	-1.512	-0.0009	-2.5 to 2.5	Pass
				10	3.85	2.820	0.0016	-2.5 to 2.5	Pass
				30	3.85	0.056	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.410	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-6.482	-0.0037	-2.5 to 2.5	Pass



4.5 B4_15MHz

4.5.1 Test Result

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1717.5	75	0	20	3.27	3.512	0.0020	-2.5 to 2.5	Pass
					3.85	1.261	0.0007	-2.5 to 2.5	Pass
					4.43	-0.138	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-3.626	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	3.971	0.0023	-2.5 to 2.5	Pass
				-10	3.85	1.410	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.482	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.985	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-3.699	-0.0022	-2.5 to 2.5	Pass
				40	3.85	3.071	0.0018	-2.5 to 2.5	Pass
				50	3.85	3.080	0.0018	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-2.327	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.191	-0.0018	-2.5 to 2.5	Pass
					4.43	-0.171	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	3.426	0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				0	3.85	1.199	0.0007	-2.5 to 2.5	Pass
				10	3.85	7.462	0.0043	-2.5 to 2.5	Pass
				30	3.85	1.620	0.0009	-2.5 to 2.5	Pass
				40	3.85	6.482	0.0037	-2.5 to 2.5	Pass
				50	3.85	7.698	0.0044	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	0.712	0.0004	-2.5 to 2.5	Pass
					3.85	-1.066	-0.0006	-2.5 to 2.5	Pass
					4.43	2.645	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.155	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.365	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	6.470	0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.550	-0.0015	-2.5 to 2.5	Pass
				10	3.85	2.703	0.0015	-2.5 to 2.5	Pass
				30	3.85	3.230	0.0018	-2.5 to 2.5	Pass
				40	3.85	2.306	0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.821	-0.0022	-2.5 to 2.5	Pass



4.6 B4_20MHz

4.6.1 Test Result

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	1720	100	0	20	3.27	-1.179	-0.0007	-2.5 to 2.5	Pass
					3.85	-7.934	-0.0046	-2.5 to 2.5	Pass
					4.43	-0.518	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.971	0.0011	-2.5 to 2.5	Pass
					3.85	2.557	0.0015	-2.5 to 2.5	Pass
					3.85	-0.016	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.840	0.0011	-2.5 to 2.5	Pass
					3.85	-2.152	-0.0013	-2.5 to 2.5	Pass
					3.85	1.550	0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.073	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.078	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.145	-0.0001	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.85	-2.228	-0.0013	-2.5 to 2.5	Pass
					4.43	0.678	0.0004	-2.5 to 2.5	Pass
					3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.754	0.0010	-2.5 to 2.5	Pass
					3.85	-3.751	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.562	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.674	-0.0021	-2.5 to 2.5	Pass
					3.85	3.519	0.0020	-2.5 to 2.5	Pass
				40	3.85	6.916	0.0040	-2.5 to 2.5	Pass
					3.85	-6.817	-0.0039	-2.5 to 2.5	Pass
					3.85	-1.048	-0.0006	-2.5 to 2.5	Pass
	1745	100	0	20	3.85	1.809	0.0010	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0015	-2.5 to 2.5	Pass
					3.85	-2.648	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.947	-0.0011	-2.5 to 2.5	Pass
					3.85	1.936	0.0011	-2.5 to 2.5	Pass
					3.85	-0.297	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-3.087	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.512	-0.0020	-2.5 to 2.5	Pass
				40	3.85	0.716	0.0004	-2.5 to 2.5	Pass
					3.85	2.534	0.0015	-2.5 to 2.5	Pass



5. Frequency Stability

5.1 B5_1.4MHz

5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	824.7	6	0	20	3.27	-1.508	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.299	-0.0016	-2.5 to 2.5	Pass
					4.43	1.856	0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.036	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.067	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.458	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.467	0.0018	-2.5 to 2.5	Pass
				10	3.85	3.133	0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.382	-0.0017	-2.5 to 2.5	Pass
				40	3.85	2.730	0.0033	-2.5 to 2.5	Pass
	836.5	6	0	50	3.85	-0.860	-0.0010	-2.5 to 2.5	Pass
				20	3.27	2.396	0.0029	-2.5 to 2.5	Pass
					3.85	-2.271	-0.0027	-2.5 to 2.5	Pass
					4.43	1.133	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.269	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	2.324	0.0028	-2.5 to 2.5	Pass
				-10	3.85	0.256	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.914	0.0011	-2.5 to 2.5	Pass
				10	3.85	0.296	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.338	-0.0004	-2.5 to 2.5	Pass
	848.3	6	0	40	3.85	1.381	0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.640	-0.0008	-2.5 to 2.5	Pass
				20	3.27	0.307	0.0004	-2.5 to 2.5	Pass
					3.85	-3.680	-0.0043	-2.5 to 2.5	Pass
					4.43	-1.104	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.117	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	1.156	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.027	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.512	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.861	0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.587	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.298	-0.0004	-2.5 to 2.5	Pass



5.2 B5_3MHz

5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	825.5	15	0	20	3.27	-1.823	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.536	-0.0019	-2.5 to 2.5	Pass
					4.43	2.683	0.0033	-2.5 to 2.5	Pass
				-30	3.85	3.655	0.0044	-2.5 to 2.5	Pass
				-20	3.85	0.815	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.566	0.0031	-2.5 to 2.5	Pass
				0	3.85	3.074	0.0037	-2.5 to 2.5	Pass
				10	3.85	1.981	0.0024	-2.5 to 2.5	Pass
				30	3.85	0.804	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.105	0.0013	-2.5 to 2.5	Pass
				50	3.85	0.276	0.0003	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-1.628	-0.0019	-2.5 to 2.5	Pass
					3.85	1.644	0.0020	-2.5 to 2.5	Pass
					4.43	-0.416	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.465	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.655	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	1.897	0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.650	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-1.041	-0.0012	-2.5 to 2.5	Pass
				30	3.85	0.467	0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.792	-0.0021	-2.5 to 2.5	Pass
				50	3.85	0.084	0.0001	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-0.672	-0.0008	-2.5 to 2.5	Pass
					3.85	0.163	0.0002	-2.5 to 2.5	Pass
					4.43	-3.263	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-2.258	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-3.586	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	0.228	0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.117	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-1.799	-0.0021	-2.5 to 2.5	Pass
				30	3.85	0.835	0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.259	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-1.193	-0.0014	-2.5 to 2.5	Pass



5.3 B5_5MHz

5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	826.5	25	0	20	3.27	-0.936	-0.0011	-2.5 to 2.5	Pass
					3.85	4.179	0.0051	-2.5 to 2.5	Pass
					4.43	0.475	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.255	0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.625	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.925	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.634	-0.0008	-2.5 to 2.5	Pass
				10	3.85	2.278	0.0028	-2.5 to 2.5	Pass
				30	3.85	2.937	0.0036	-2.5 to 2.5	Pass
				40	3.85	-2.244	-0.0027	-2.5 to 2.5	Pass
				50	3.85	0.097	0.0001	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.069	-0.0001	-2.5 to 2.5	Pass
					3.85	0.574	0.0007	-2.5 to 2.5	Pass
					4.43	1.428	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.082	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	0.969	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.355	-0.0016	-2.5 to 2.5	Pass
				0	3.85	0.607	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.718	0.0009	-2.5 to 2.5	Pass
				30	3.85	0.516	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.050	-0.0001	-2.5 to 2.5	Pass
				50	3.85	2.882	0.0034	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	0.174	0.0002	-2.5 to 2.5	Pass
					3.85	0.822	0.0010	-2.5 to 2.5	Pass
					4.43	2.584	0.0031	-2.5 to 2.5	Pass
				-30	3.85	-0.150	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.252	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.097	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.411	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.042	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.949	-0.0011	-2.5 to 2.5	Pass
				50	3.85	0.237	0.0003	-2.5 to 2.5	Pass



5.4 B5_10MHz

5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	829	50	0	20	3.27	-0.237	-0.0003	-2.5 to 2.5	Pass
					3.85	0.088	0.0001	-2.5 to 2.5	Pass
					4.43	-0.255	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.017	0.0000	-2.5 to 2.5	Pass
				-20	3.85	2.423	0.0029	-2.5 to 2.5	Pass
				-10	3.85	1.480	0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.881	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.185	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.450	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.596	-0.0007	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.298	0.0004	-2.5 to 2.5	Pass
					3.85	-1.045	-0.0012	-2.5 to 2.5	Pass
					4.43	-0.176	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.101	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.651	0.0032	-2.5 to 2.5	Pass
				-10	3.85	1.740	0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.846	-0.0010	-2.5 to 2.5	Pass
				10	3.85	3.052	0.0036	-2.5 to 2.5	Pass
				30	3.85	1.315	0.0016	-2.5 to 2.5	Pass
				40	3.85	0.826	0.0010	-2.5 to 2.5	Pass
				50	3.85	5.184	0.0062	-2.5 to 2.5	Pass
	844	50	0	20	3.27	1.767	0.0021	-2.5 to 2.5	Pass
					3.85	-0.670	-0.0008	-2.5 to 2.5	Pass
					4.43	1.892	0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.992	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	2.083	0.0025	-2.5 to 2.5	Pass
				-10	3.85	-3.937	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-0.022	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.562	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.423	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.581	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.734	-0.0009	-2.5 to 2.5	Pass



6. Frequency Stability

6.1 B66_1.4MHz

6.1.1 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	
64QAM	1710.7	6	0	20	3.27	2.449	0.0014	-2.5 to 2.5	Pass
					3.85	0.898	0.0005	-2.5 to 2.5	Pass
					4.43	1.834	0.0011	-2.5 to 2.5	Pass
				-30	3.85	4.921	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-1.710	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.181	0.0007	-2.5 to 2.5	Pass
				0	3.85	-2.267	-0.0013	-2.5 to 2.5	Pass
				10	3.85	0.088	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.833	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.391	-0.0008	-2.5 to 2.5	Pass
	1745	6	0	50	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				20	3.27	-0.705	-0.0004	-2.5 to 2.5	Pass
					3.85	0.182	0.0001	-2.5 to 2.5	Pass
					4.43	3.653	0.0021	-2.5 to 2.5	Pass
				-30	3.85	0.727	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.940	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.604	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.835	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.603	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.346	0.0002	-2.5 to 2.5	Pass
	1779.3	6	0	40	3.85	0.605	0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.009	-0.0012	-2.5 to 2.5	Pass
				20	3.27	-0.005	0.0000	-2.5 to 2.5	Pass
					3.85	1.567	0.0009	-2.5 to 2.5	Pass
					4.43	1.439	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.297	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	4.951	0.0028	-2.5 to 2.5	Pass
				-10	3.85	2.994	0.0017	-2.5 to 2.5	Pass
				0	3.85	1.276	0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.443	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-4.189	-0.0024	-2.5 to 2.5	Pass
				40	3.85	3.830	0.0022	-2.5 to 2.5	Pass
				50	3.85	5.537	0.0031	-2.5 to 2.5	Pass



6.2 B66_3MHz

6.2.1 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	
64QAM	1711.5	15	0	20	3.27	1.149	0.0007	-2.5 to 2.5	Pass
					3.85	4.276	0.0025	-2.5 to 2.5	Pass
					4.43	-1.390	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.872	0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.046	0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.088	0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.011	-0.0023	-2.5 to 2.5	Pass
				10	3.85	0.171	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.198	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.837	-0.0011	-2.5 to 2.5	Pass
				50	3.85	6.873	0.0040	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-0.656	-0.0004	-2.5 to 2.5	Pass
					3.85	-2.803	-0.0016	-2.5 to 2.5	Pass
					4.43	-4.488	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-0.027	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.150	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-3.169	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-4.114	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.702	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.693	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.516	-0.0014	-2.5 to 2.5	Pass
				50	3.85	2.647	0.0015	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	2.445	0.0014	-2.5 to 2.5	Pass
					3.85	-3.521	-0.0020	-2.5 to 2.5	Pass
					4.43	2.021	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.244	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.109	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.078	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.327	0.0002	-2.5 to 2.5	Pass
				10	3.85	3.856	0.0022	-2.5 to 2.5	Pass
				30	3.85	0.518	0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.908	-0.0016	-2.5 to 2.5	Pass
				50	3.85	0.794	0.0004	-2.5 to 2.5	Pass



6.3 B66_5MHz

6.3.1 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	
64QAM	1712.5	25	0	20	3.27	-5.233	-0.0031	-2.5 to 2.5	Pass
					3.85	2.764	0.0016	-2.5 to 2.5	Pass
					4.43	4.201	0.0025	-2.5 to 2.5	Pass
				-30	3.85	9.418	0.0055	-2.5 to 2.5	Pass
					3.85	6.422	0.0038	-2.5 to 2.5	Pass
					3.85	-1.231	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.935	-0.0005	-2.5 to 2.5	Pass
					3.85	-6.557	-0.0038	-2.5 to 2.5	Pass
					3.85	5.113	0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.736	-0.0010	-2.5 to 2.5	Pass
					3.85	3.269	0.0019	-2.5 to 2.5	Pass
					3.85	-3.428	-0.0020	-2.5 to 2.5	Pass
	1745	25	0	20	3.85	2.102	0.0012	-2.5 to 2.5	Pass
					4.43	1.737	0.0010	-2.5 to 2.5	Pass
					3.85	0.063	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.331	0.0008	-2.5 to 2.5	Pass
					3.85	-2.771	-0.0016	-2.5 to 2.5	Pass
					3.85	2.421	0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.806	-0.0016	-2.5 to 2.5	Pass
					3.85	-1.399	-0.0008	-2.5 to 2.5	Pass
					3.85	-6.199	-0.0036	-2.5 to 2.5	Pass
				40	3.85	5.710	0.0033	-2.5 to 2.5	Pass
					3.85	6.321	0.0036	-2.5 to 2.5	Pass
					3.85	-0.253	-0.0001	-2.5 to 2.5	Pass
	1777.5	25	0	20	4.43	1.620	0.0009	-2.5 to 2.5	Pass
					3.85	-1.565	-0.0009	-2.5 to 2.5	Pass
					3.85	4.868	0.0027	-2.5 to 2.5	Pass
				-30	3.85	-0.826	-0.0005	-2.5 to 2.5	Pass
					3.85	0.242	0.0001	-2.5 to 2.5	Pass
					3.85	-1.186	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-8.068	-0.0045	-2.5 to 2.5	Pass
					3.85	2.605	0.0015	-2.5 to 2.5	Pass
					3.85	-1.134	-0.0006	-2.5 to 2.5	Pass



6.4 B66_10MHz

6.4.1 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	
64QAM	1715	50	0	20	3.27	-4.079	-0.0024	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.611	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-3.382	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.811	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.275	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-6.241	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-1.083	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.696	-0.0016	-2.5 to 2.5	Pass
				40	3.85	2.242	0.0013	-2.5 to 2.5	Pass
				50	3.85	-6.343	-0.0037	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-4.087	-0.0023	-2.5 to 2.5	Pass
					3.85	-1.740	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.401	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.333	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	6.396	0.0037	-2.5 to 2.5	Pass
				-10	3.85	5.661	0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.835	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.245	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-1.769	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.922	0.0011	-2.5 to 2.5	Pass
				50	3.85	4.716	0.0027	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	2.094	0.0012	-2.5 to 2.5	Pass
					3.85	-1.660	-0.0009	-2.5 to 2.5	Pass
					4.43	3.486	0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.621	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-4.930	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	1.938	0.0011	-2.5 to 2.5	Pass
				0	3.85	2.469	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.270	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.361	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.606	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-5.267	-0.0030	-2.5 to 2.5	Pass



6.5 B66_15MHz

6.5.1 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	
64QAM	1717.5	75	0	20	3.27	-4.414	-0.0026	-2.5 to 2.5	Pass
					3.85	3.608	0.0021	-2.5 to 2.5	Pass
					4.43	7.078	0.0041	-2.5 to 2.5	Pass
				-30	3.85	-3.635	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	0.052	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-1.609	-0.0009	-2.5 to 2.5	Pass
				0	3.85	1.325	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.352	0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.901	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.157	-0.0007	-2.5 to 2.5	Pass
				50	3.85	1.115	0.0006	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-2.239	-0.0013	-2.5 to 2.5	Pass
					3.85	0.814	0.0005	-2.5 to 2.5	Pass
					4.43	-5.255	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-0.373	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	3.968	0.0023	-2.5 to 2.5	Pass
				-10	3.85	5.638	0.0032	-2.5 to 2.5	Pass
				0	3.85	1.607	0.0009	-2.5 to 2.5	Pass
				10	3.85	2.668	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.289	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.251	0.0007	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	4.039	0.0023	-2.5 to 2.5	Pass
					3.85	1.381	0.0008	-2.5 to 2.5	Pass
					4.43	-2.924	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	2.549	0.0014	-2.5 to 2.5	Pass
				-20	3.85	4.003	0.0023	-2.5 to 2.5	Pass
				-10	3.85	3.631	0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.022	-0.0017	-2.5 to 2.5	Pass
				10	3.85	1.196	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.998	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.174	-0.0007	-2.5 to 2.5	Pass
				50	3.85	3.069	0.0017	-2.5 to 2.5	Pass



6.6 B66_20MHz

6.6.1 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	
64QAM	1720	100	0	20	3.27	-3.488	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.536	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.527	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.583	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.961	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.966	0.0011	-2.5 to 2.5	Pass
				0	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.498	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.851	0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.861	-0.0005	-2.5 to 2.5	Pass
				50	3.85	3.093	0.0018	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	6.322	0.0036	-2.5 to 2.5	Pass
					3.85	-0.093	-0.0001	-2.5 to 2.5	Pass
					4.43	0.937	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.938	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.480	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-4.342	-0.0025	-2.5 to 2.5	Pass
				0	3.85	4.425	0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.162	-0.0018	-2.5 to 2.5	Pass
				30	3.85	2.608	0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.856	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.519	-0.0009	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-0.448	-0.0003	-2.5 to 2.5	Pass
					3.85	1.545	0.0009	-2.5 to 2.5	Pass
					4.43	-0.870	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.217	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.142	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.979	0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.021	-0.0006	-2.5 to 2.5	Pass
				10	3.85	1.057	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.988	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.371	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-3.295	-0.0019	-2.5 to 2.5	Pass



7. Frequency Stability

7.1 B71_5MHz

7.1.1 Test Result

Band: 71 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	665.5	25	0	20	3.27	-1.266	-0.0019	-2.5 to 2.5	Pass
					3.85	0.107	0.0002	-2.5 to 2.5	Pass
					4.43	-1.554	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.178	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.599	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-0.798	-0.0012	-2.5 to 2.5	Pass
				0	3.85	0.669	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.378	0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.530	-0.0038	-2.5 to 2.5	Pass
				40	3.85	0.070	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.693	0.0025	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	0.745	0.0011	-2.5 to 2.5	Pass
					3.85	-1.539	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.326	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.283	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.373	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.680	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.637	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-0.068	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.365	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.280	-0.0004	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	2.432	0.0035	-2.5 to 2.5	Pass
					3.85	1.558	0.0022	-2.5 to 2.5	Pass
					4.43	-0.766	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.348	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.594	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.594	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.379	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.679	0.0024	-2.5 to 2.5	Pass
				30	3.85	0.598	0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.716	-0.0025	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-2.5 to 2.5	Pass



7.2 B71_10MHz

7.2.1 Test Result

Band: 71 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	668	50	0	20	3.27	1.550	0.0023	-2.5 to 2.5	Pass
					3.85	0.568	0.0009	-2.5 to 2.5	Pass
					4.43	2.151	0.0032	-2.5 to 2.5	Pass
				-30	3.85	0.834	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.285	0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.117	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.316	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.501	-0.0022	-2.5 to 2.5	Pass
				30	3.85	1.345	0.0020	-2.5 to 2.5	Pass
				40	3.85	0.264	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.074	0.0031	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	0.598	0.0009	-2.5 to 2.5	Pass
					3.85	-0.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.577	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.322	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.817	0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.678	0.0025	-2.5 to 2.5	Pass
				0	3.85	0.513	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.558	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.051	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.098	-0.0031	-2.5 to 2.5	Pass
				50	3.85	0.839	0.0012	-2.5 to 2.5	Pass
	693	50	0	20	3.27	0.378	0.0005	-2.5 to 2.5	Pass
					3.85	-1.112	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.831	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.717	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.028	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.914	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.065	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.485	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.230	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.269	-0.0004	-2.5 to 2.5	Pass
				50	3.85	3.009	0.0043	-2.5 to 2.5	Pass



7.3 B71_15MHz

7.3.1 Test Result

Band: 71 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	670.5	75	0	20	3.27	2.832	0.0042	-2.5 to 2.5	Pass
					3.85	1.068	0.0016	-2.5 to 2.5	Pass
					4.43	2.039	0.0030	-2.5 to 2.5	Pass
				-30	3.85	-1.560	-0.0023	-2.5 to 2.5	Pass
					3.85	-2.319	-0.0035	-2.5 to 2.5	Pass
					3.85	-0.994	-0.0015	-2.5 to 2.5	Pass
				0	3.85	0.028	0.0000	-2.5 to 2.5	Pass
					3.85	0.617	0.0009	-2.5 to 2.5	Pass
					3.85	-1.162	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.337	-0.0035	-2.5 to 2.5	Pass
					3.85	1.247	0.0019	-2.5 to 2.5	Pass
					3.85	0.760	0.0011	-2.5 to 2.5	Pass
	680.5	75	0	20	3.85	0.147	0.0002	-2.5 to 2.5	Pass
					4.43	1.234	0.0018	-2.5 to 2.5	Pass
					3.85	-0.378	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.746	0.0011	-2.5 to 2.5	Pass
					3.85	-0.661	-0.0010	-2.5 to 2.5	Pass
					3.85	0.403	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.172	0.0017	-2.5 to 2.5	Pass
					3.85	0.207	0.0003	-2.5 to 2.5	Pass
					3.85	1.317	0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.858	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.195	-0.0003	-2.5 to 2.5	Pass
					3.85	1.037	0.0015	-2.5 to 2.5	Pass
	690.5	75	0	20	4.43	0.764	0.0011	-2.5 to 2.5	Pass
					3.85	0.794	0.0011	-2.5 to 2.5	Pass
					3.85	1.094	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.892	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.488	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.978	0.0014	-2.5 to 2.5	Pass
					3.85	-1.016	-0.0015	-2.5 to 2.5	Pass
					3.85	1.039	0.0015	-2.5 to 2.5	Pass



7.4 B71_20MHz

7.4.1 Test Result

Band: 71 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	673	100	0	20	3.27	-0.085	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.037	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.128	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.200	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.017	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.348	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-0.018	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.065	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.384	0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.111	-0.0017	-2.5 to 2.5	Pass
				50	3.85	3.946	0.0059	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-1.037	-0.0015	-2.5 to 2.5	Pass
					3.85	1.883	0.0028	-2.5 to 2.5	Pass
					4.43	0.164	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.695	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.148	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.651	0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.025	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.012	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.104	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.018	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.519	0.0008	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-2.237	-0.0033	-2.5 to 2.5	Pass
					3.85	-1.352	-0.0020	-2.5 to 2.5	Pass
					4.43	0.152	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.066	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.925	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.140	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.245	-0.0033	-2.5 to 2.5	Pass
				10	3.85	0.374	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.642	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.914	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.793	-0.0026	-2.5 to 2.5	Pass

