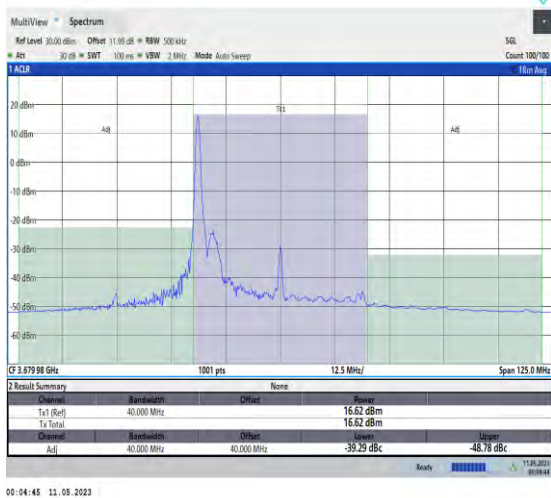
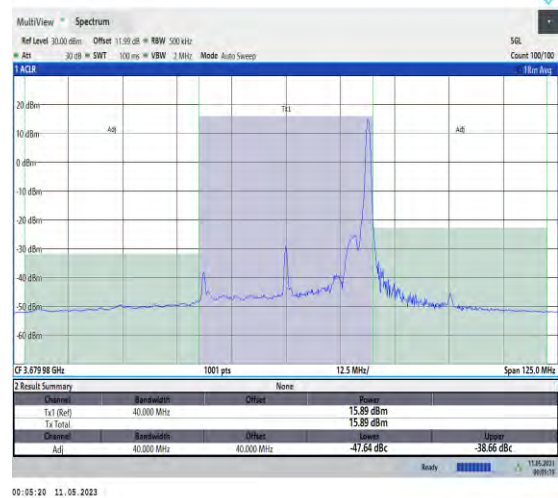
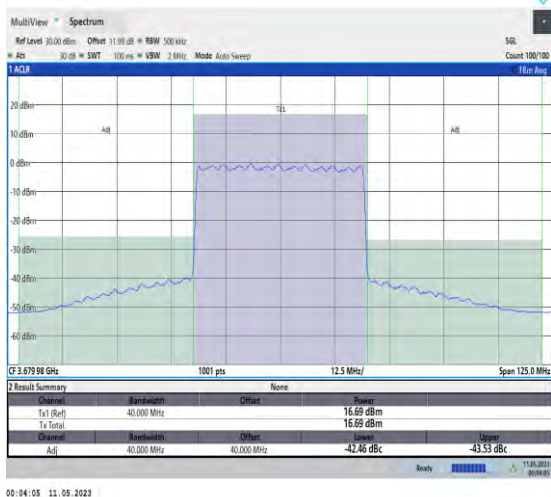




1-N48-PC3-30-40-H-CP-QPSK-Edge_1RB_Left-1@
0-Ant1-1--PASS-see graph



1-N48-PC3-30-40-H-CP-QPSK-Edge_1RB_Left-1@
05-Ant1-1--PASS



1-N48-PC3-30-40-H-CP-QPSK-Outer_Full-106@0-
Ant1-1--PASS

Field Strength of Spurious Radiation

Test Band = SA Band 48 40MHz 3550M-3700M TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9432.9792	38.92	-37.80	38.56	-55.58	-40.00	15.58	185	0	Horizontal
2	12696.1042	36.03	-35.35	39.30	-55.28	-40.00	15.28	265	357	Horizontal
3	7104.18	40.72	-42.23	36.26	-60.50	-40.00	20.50	241	105	Horizontal
4	10656.27	33.46	-36.01	39.22	-58.59	-40.00	18.59	142	1	Horizontal
5	14208.36	33.07	-34.88	39.99	-57.08	-40.00	17.08	263	15	Horizontal
6	17760.45	30.28	-30.95	41.64	-54.28	-40.00	14.28	228	86	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8704.1667	39.39	-39.24	38.27	-56.83	-40.00	16.83	296	344	Vertical
2	12702.8125	35.70	-35.37	39.30	-55.63	-40.00	15.63	265	6	Vertical
3	14204.0417	36.99	-34.87	40.00	-53.15	-40.00	13.15	241	344	Vertical
4	7104.18	40.03	-42.23	36.26	-61.19	-40.00	21.19	142	0	Vertical
5	10656.27	33.15	-36.01	39.22	-58.90	-40.00	18.90	255	15	Vertical
6	17760.45	30.66	-30.95	41.64	-53.90	-40.00	13.90	287	22	Vertical



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Test Band = SA Band 48 _40MHz_3550M-3700M_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8914.0417	38.04	-38.91	38.51	-57.62	-40.00	17.62	296	0	Horizontal
2	12718.625	35.43	-35.30	39.32	-55.82	-40.00	15.82	265	83	Horizontal
3	16841.8542	34.45	-32.39	38.49	-54.71	-40.00	14.71	284	221	Horizontal
4	7232.18	39.65	-42.00	36.34	-61.27	-40.00	21.27	142	357	Horizontal
5	10848.27	34.18	-35.61	39.43	-57.26	-40.00	17.26	263	119	Horizontal
6	14464.36	32.32	-35.01	39.74	-58.21	-40.00	18.21	228	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8950.9375	38.43	-38.80	38.55	-57.08	-40.00	17.08	196	121	Vertical
2	12102.4167	34.88	-35.09	38.70	-56.77	-40.00	16.77	265	304	Vertical
3	17329.6458	33.06	-31.77	39.92	-54.05	-40.00	14.05	284	47	Vertical
4	7232.18	39.81	-42.00	36.34	-61.11	-40.00	21.11	142	158	Vertical
5	10848.27	34.10	-35.61	39.43	-57.34	-40.00	17.34	263	0	Vertical
6	14464.36	32.23	-35.01	39.74	-58.30	-40.00	18.30	228	46	Vertical



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Test Band = SA Band 48 _40MHz_3550M-3700M_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8923.1458	38.82	-38.88	38.52	-56.81	-40.00	16.81	185	357	Horizontal
2	13070.3333	34.80	-34.69	39.64	-55.51	-40.00	15.51	265	4	Horizontal
3	17196.9167	32.86	-32.00	39.39	-55.01	-40.00	15.01	241	270	Horizontal
4	7324.18	37.49	-41.79	36.39	-63.17	-40.00	23.17	142	45	Horizontal
5	10986.27	32.39	-35.66	39.59	-58.95	-40.00	18.95	254	270	Horizontal
6	14648.36	30.79	-34.25	39.55	-59.17	-40.00	19.17	142	192	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7322.25	42.42	-41.79	36.39	-58.23	-40.00	18.23	196	0	Vertical
2	9432.9792	37.44	-37.80	38.56	-57.06	-40.00	17.06	265	0	Vertical
3	12694.1875	35.30	-35.33	39.29	-56.00	-40.00	16.00	284	0	Vertical
4	17289.875	32.59	-31.79	39.76	-54.70	-40.00	14.70	142	192	Vertical
5	10986.27	32.94	-35.66	39.59	-58.40	-40.00	18.40	263	105	Vertical
6	14648.36	30.35	-34.25	39.55	-59.61	-40.00	19.61	228	192	Vertical



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Test Band = NSA DC_2A_n48 3550M-3700M_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8700.3333	37.75	-39.25	38.27	-58.49	-40.00	18.49	296	0	Horizontal
2	12100.0208	34.70	-35.09	38.70	-56.95	-40.00	16.95	265	50	Horizontal
3	7104.18	39.51	-42.23	36.26	-61.71	-40.00	21.71	284	50	Horizontal
4	10656.27	31.52	-36.01	39.22	-60.53	-40.00	20.53	142	1	Horizontal
5	14208.36	33.57	-34.88	39.99	-56.58	-40.00	16.58	263	29	Horizontal
6	17760.45	30.63	-30.95	41.64	-53.93	-40.00	13.93	225	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8657.6875	37.74	-39.42	38.22	-58.71	-40.00	18.71	196	323	Vertical
2	12708.5625	35.04	-35.34	39.31	-56.26	-40.00	16.26	265	63	Vertical
3	7104.18	38.64	-42.23	36.26	-62.58	-40.00	22.58	274	157	Vertical
4	10656.27	32.80	-36.01	39.22	-59.25	-40.00	19.25	142	193	Vertical
5	14208.36	32.09	-34.88	39.99	-58.06	-40.00	18.06	263	0	Vertical
6	17760.45	29.76	-30.95	41.64	-54.80	-40.00	14.80	228	11	Vertical



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Test Band = NSA DC_2A_n48 3550M-3700M_TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8949.5	38.11	-38.80	38.54	-57.41	-40.00	17.41	285	120	Horizontal
2	12725.8125	35.10	-35.27	39.33	-56.11	-40.00	16.11	241	120	Horizontal
3	17331.0833	33.08	-31.77	39.92	-54.03	-40.00	14.03	142	343	Horizontal
4	7232.18	39.39	-42.00	36.34	-61.53	-40.00	21.53	263	1	Horizontal
5	10848.27	34.48	-35.61	39.43	-56.96	-40.00	16.96	225	0	Horizontal
6	14464.36	31.82	-35.01	39.74	-58.71	-40.00	18.71	142	5	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8944.7083	38.53	-38.82	38.54	-57.01	-40.00	17.01	196	251	Vertical
2	13579.6875	34.13	-34.32	39.95	-55.50	-40.00	15.50	265	84	Vertical
3	17056.0417	33.78	-32.19	38.82	-54.85	-40.00	14.85	284	0	Vertical
4	7232.18	39.68	-42.00	36.34	-61.24	-40.00	21.24	142	46	Vertical
5	10848.27	34.04	-35.61	39.43	-57.40	-40.00	17.40	263	341	Vertical
6	14464.36	32.13	-35.01	39.74	-58.40	-40.00	18.40	228	357	Vertical



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Test Band = NSA DC_2A_n48 3550M-3700M_TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8938	38.11	-38.84	38.53	-57.45	-40.00	17.45	185	192	Horizontal
2	12958.2083	34.47	-34.91	39.56	-56.14	-40.00	16.14	265	308	Horizontal
3	17286.5208	32.51	-31.80	39.75	-54.80	-40.00	14.80	241	13	Horizontal
4	7324.18	37.95	-41.79	36.39	-62.71	-40.00	22.71	142	0	Horizontal
5	10986.27	32.90	-35.66	39.59	-58.44	-40.00	18.44	263	104	Horizontal
6	14648.36	30.20	-34.25	39.55	-59.76	-40.00	19.76	228	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8947.5833	38.12	-38.81	38.54	-57.40	-40.00	17.40	196	0	Vertical
2	13209.7708	34.55	-34.76	39.73	-55.74	-40.00	15.74	265	1	Vertical
3	17647.8125	32.64	-31.49	41.19	-52.92	-40.00	12.92	284	104	Vertical
4	7324.18	38.25	-41.79	36.39	-62.41	-40.00	22.41	142	0	Vertical
5	10986.27	32.94	-35.66	39.59	-58.40	-40.00	18.40	263	15	Vertical
6	14648.36	29.89	-34.25	39.55	-60.07	-40.00	20.07	228	139	Vertical



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Test Band = NSA DC_66A_n48 3550M-3700M_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8940.3958	37.95	-38.83	38.53	-57.60	-40.00	17.60	254	288	Horizontal
2	12487.6667	34.42	-35.29	39.09	-57.04	-40.00	17.04	142	100	Horizontal
3	7104.18	39.70	-42.23	36.26	-61.52	-40.00	21.52	265	119	Horizontal
4	10656.27	32.40	-36.01	39.22	-59.65	-40.00	19.65	295	119	Horizontal
5	14208.36	32.89	-34.88	39.99	-57.26	-40.00	17.26	284	63	Horizontal
6	17760.45	29.52	-30.95	41.64	-55.04	-40.00	15.04	142	119	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8919.7917	38.65	-38.89	38.51	-56.99	-40.00	16.99	196	12	Vertical
2	16195.9375	32.95	-32.04	38.04	-56.31	-40.00	16.31	265	306	Vertical
3	7104.18	39.62	-42.23	36.26	-61.60	-40.00	21.60	284	306	Vertical
4	10656.27	32.44	-36.01	39.22	-59.61	-40.00	19.61	142	12	Vertical
5	14208.36	33.44	-34.88	39.99	-56.71	-40.00	16.71	263	0	Vertical
6	17760.45	29.39	-30.95	41.64	-55.17	-40.00	15.17	228	233	Vertical



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Test Band = NSA DC_66A_n48 3550M-3700M_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8941.8333	38.32	-38.82	38.54	-57.23	-40.00	17.23	284	13	Horizontal
2	12980.7292	34.30	-34.89	39.58	-56.27	-40.00	16.27	142	83	Horizontal
3	17871.5833	32.19	-31.09	42.09	-52.08	-40.00	12.08	263	343	Horizontal
4	7232.18	39.17	-42.00	36.34	-61.75	-40.00	21.75	225	173	Horizontal
5	10848.27	34.14	-35.61	39.43	-57.30	-40.00	17.30	142	357	Horizontal
6	14464.36	31.67	-35.01	39.74	-58.86	-40.00	18.86	289	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8925.5417	38.05	-38.87	38.52	-57.57	-40.00	17.57	196	0	Vertical
2	12706.6458	35.55	-35.35	39.31	-55.76	-40.00	15.76	265	96	Vertical
3	17326.2917	32.24	-31.77	39.91	-54.89	-40.00	14.89	284	303	Vertical
4	7232.18	39.19	-42.00	36.34	-61.73	-40.00	21.73	142	134	Vertical
5	10848.27	33.88	-35.61	39.43	-57.56	-40.00	17.56	263	40	Vertical
6	14464.36	31.43	-35.01	39.74	-59.10	-40.00	19.10	228	59	Vertical



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Test Band = NSA DC_66A_n48 3550M-3700M_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9431.5417	37.92	-37.79	38.56	-56.58	-40.00	16.58	296	14	Horizontal
2	13626.1667	34.62	-34.54	39.98	-55.20	-40.00	15.20	265	65	Horizontal
3	16968.3542	33.15	-31.80	38.58	-55.33	-40.00	15.33	284	1	Horizontal
4	7324.18	37.48	-41.79	36.39	-63.18	-40.00	23.18	142	65	Horizontal
5	10986.27	32.29	-35.66	39.59	-59.05	-40.00	19.05	263	357	Horizontal
6	14648.36	29.89	-34.25	39.55	-60.07	-40.00	20.07	228	156	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9329.4792	37.61	-38.17	38.57	-57.25	-40.00	17.25	196	343	Vertical
2	12961.5625	34.87	-34.91	39.56	-55.74	-40.00	15.74	265	139	Vertical
3	17329.6458	32.60	-31.77	39.92	-54.51	-40.00	14.51	284	121	Vertical
4	7324.18	37.87	-41.79	36.39	-62.79	-40.00	22.79	142	307	Vertical
5	10986.27	32.32	-35.66	39.59	-59.02	-40.00	19.02	265	4	Vertical
6	14648.36	29.69	-34.25	39.55	-60.27	-40.00	20.27	228	13	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N48	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-8.500000	-0.002345	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-9.100000	-0.002510	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	1.500000	0.000414	PASS
N48	30	40	CP-QPSK	M	Outer_Full	VH	NT	-1.400000	-0.000386	PASS
N48	30	40	CP-QPSK	M	Outer_Full	VN	NT	0.700000	0.000193	PASS
N48	30	40	CP-QPSK	M	Outer_Full	VL	NT	0.900000	0.000248	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.400000	-0.000938	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-7.500000	-0.002069	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-6.200000	-0.001710	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-4.000000	-0.001103	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-7.400000	-0.002041	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	3.200000	0.000883	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	0.200000	0.000055	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.200000	-0.001434	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.000000	-0.000828	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	-30	-9.900000	-0.002731	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	-20	-9.900000	-0.002731	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	-10	-14.800000	-0.004083	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	0	-13.800000	-0.003807	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	10	-9.400000	-0.002593	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	20	-8.500000	-0.002345	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	30	-4.400000	-0.001214	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	40	-0.800000	-0.000221	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	50	-4.200000	-0.001159	PASS

---End of Attachment---



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com