

Appendix B

NR band N7



CONTENT

Page

1	EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA	3
2	PEAK-TO-AVERAGE RATIO.....	16
2.1	TEST RESULTS	16
2.2	TEST PLOTS.....	16
3	MODULATION CHARACTERISTICS.....	18
3.1	TEST PLOTS.....	18
3.1.1	Test Band = N7	18
4	OCCUPIED BANDWIDTH & 26DB EMISSION BANDWIDTH.....	21
4.1	TEST RESULTS	21
4.2	TEST PLOTS.....	23
5	BAND EDGES COMPLIANCE.....	55
5.1	TEST PLOTS.....	55
6	SPURIOUS EMISSION AT ANTENNA TERMINAL.....	83
6.1	TEST PLOTS.....	83
7	FIELD STRENGTH OF SPURIOUS RADIATION	87
7.1	TEST BAND = N7	87
7.1.1	Test Mode = TM1	87
8	FREQUENCY STABILITY	89
8.1	FREQUENCY ERROR VS. VOLTAGE	89
8.2	FREQUENCY ERROR VS. TEMPERATURE	89



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) 8367 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMA, CNAS, KTL, ILAC) Laboratory

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

1 Effective (Isotropic) Radiated Power Output Data

NR Band	Bandwidth h	SCS	Modulation	Channel l	RB Config	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N7	5MHz	15KHz	TM1	500500	Inner Full	22.78	20.48	33	PASS
N7	5MHz	15KHz	TM1	500500	Inner 1RB Left	22.77	20.47	33	PASS
N7	5MHz	15KHz	TM1	500500	Inner 1RB Right	22.7	20.40	33	PASS
N7	5MHz	15KHz	TM1	507000	Inner Full	22.35	20.05	33	PASS
N7	5MHz	15KHz	TM1	507000	Inner 1RB Left	22.33	20.03	33	PASS
N7	5MHz	15KHz	TM1	507000	Inner 1RB Right	22.33	20.03	33	PASS
N7	5MHz	15KHz	TM1	513500	Inner Full	22.8	20.50	33	PASS
N7	5MHz	15KHz	TM1	513500	Inner 1RB Left	22.76	20.46	33	PASS
N7	5MHz	15KHz	TM1	513500	Inner 1RB Right	22.79	20.49	33	PASS
N7	5MHz	15KHz	TM2	500500	Inner Full	22.79	20.49	33	PASS
N7	5MHz	15KHz	TM2	500500	Inner 1RB Left	22.74	20.44	33	PASS
N7	5MHz	15KHz	TM2	500500	Inner 1RB Right	22.65	20.35	33	PASS
N7	5MHz	15KHz	TM2	507000	Inner Full	22.36	20.06	33	PASS
N7	5MHz	15KHz	TM2	507000	Inner 1RB Left	22.3	20.00	33	PASS
N7	5MHz	15KHz	TM2	507000	Inner 1RB Right	22.32	20.02	33	PASS
N7	5MHz	15KHz	TM2	513500	Inner Full	22.82	20.52	33	PASS
N7	5MHz	15KHz	TM2	513500	Inner 1RB Left	22.75	20.45	33	PASS
N7	5MHz	15KHz	TM2	513500	Inner 1RB Right	22.8	20.50	33	PASS
N7	5MHz	15KHz	TM3	500500	Inner Full	21.82	19.52	33	PASS
N7	5MHz	15KHz	TM3	500500	Inner 1RB Left	21.8	19.50	33	PASS
N7	5MHz	15KHz	TM3	500500	Inner 1RB Right	21.69	19.39	33	PASS
N7	5MHz	15KHz	TM3	507000	Inner Full	21.52	19.22	33	PASS
N7	5MHz	15KHz	TM3	507000	Inner 1RB Left	21.64	19.34	33	PASS
N7	5MHz	15KHz	TM3	507000	Inner 1RB Right	21.3	19.00	33	PASS
N7	5MHz	15KHz	TM3	513500	Inner Full	21.84	19.54	33	PASS
N7	5MHz	15KHz	TM3	513500	Inner 1RB Left	21.81	19.51	33	PASS
N7	5MHz	15KHz	TM3	513500	Inner 1RB Right	22.05	19.75	33	PASS
N7	5MHz	15KHz	TM4	500500	Inner Full	20.22	17.92	33	PASS
N7	5MHz	15KHz	TM4	500500	Inner 1RB Left	19.97	17.67	33	PASS
N7	5MHz	15KHz	TM4	500500	Inner 1RB Right	19.87	17.57	33	PASS
N7	5MHz	15KHz	TM4	507000	Inner Full	19.94	17.64	33	PASS
N7	5MHz	15KHz	TM4	507000	Inner 1RB Left	19.56	17.26	33	PASS
N7	5MHz	15KHz	TM4	507000	Inner 1RB Right	19.54	17.24	33	PASS
N7	5MHz	15KHz	TM4	513500	Inner Full	20.39	18.09	33	PASS
N7	5MHz	15KHz	TM4	513500	Inner 1RB Left	20.03	17.73	33	PASS
N7	5MHz	15KHz	TM4	513500	Inner 1RB Right	20.09	17.79	33	PASS
N7	5MHz	15KHz	TM5	500500	Inner Full	18.39	16.09	33	PASS
N7	5MHz	15KHz	TM5	500500	Inner 1RB Left	18.54	16.24	33	PASS
N7	5MHz	15KHz	TM5	500500	Inner 1RB Right	18.51	16.21	33	PASS
N7	5MHz	15KHz	TM5	507000	Inner Full	18.04	15.74	33	PASS
N7	5MHz	15KHz	TM5	507000	Inner 1RB Left	18.18	15.88	33	PASS





N7	5MHz	15KHz	TM5	507000	Inner 1RB Right	17.9	15.60	33	PASS
N7	5MHz	15KHz	TM5	513500	Inner Full	18.53	16.23	33	PASS
N7	5MHz	15KHz	TM5	513500	Inner 1RB Left	18.62	16.32	33	PASS
N7	5MHz	15KHz	TM5	513500	Inner 1RB Right	18.73	16.43	33	PASS
N7	5MHz	15KHz	TM6	500500	Inner Full	22.78	20.48	33	PASS
N7	5MHz	15KHz	TM6	500500	Inner 1RB Left	22.77	20.47	33	PASS
N7	5MHz	15KHz	TM6	500500	Inner 1RB Right	22.67	20.37	33	PASS
N7	5MHz	15KHz	TM6	507000	Inner Full	22.37	20.07	33	PASS
N7	5MHz	15KHz	TM6	507000	Inner 1RB Left	22.27	19.97	33	PASS
N7	5MHz	15KHz	TM6	507000	Inner 1RB Right	22.3	20.00	33	PASS
N7	5MHz	15KHz	TM6	513500	Inner Full	22.82	20.52	33	PASS
N7	5MHz	15KHz	TM6	513500	Inner 1RB Left	22.69	20.39	33	PASS
N7	5MHz	15KHz	TM6	513500	Inner 1RB Right	22.71	20.41	33	PASS
N7	5MHz	15KHz	TM7	500500	Inner Full	21.84	19.54	33	PASS
N7	5MHz	15KHz	TM7	500500	Inner 1RB Left	22.04	19.74	33	PASS
N7	5MHz	15KHz	TM7	500500	Inner 1RB Right	21.96	19.66	33	PASS
N7	5MHz	15KHz	TM7	507000	Inner Full	21.42	19.12	33	PASS
N7	5MHz	15KHz	TM7	507000	Inner 1RB Left	21.6	19.30	33	PASS
N7	5MHz	15KHz	TM7	507000	Inner 1RB Right	21.36	19.06	33	PASS
N7	5MHz	15KHz	TM7	513500	Inner Full	21.9	19.60	33	PASS
N7	5MHz	15KHz	TM7	513500	Inner 1RB Left	21.8	19.50	33	PASS
N7	5MHz	15KHz	TM7	513500	Inner 1RB Right	22.11	19.81	33	PASS
N7	5MHz	15KHz	TM8	500500	Inner Full	20.26	17.96	33	PASS
N7	5MHz	15KHz	TM8	500500	Inner 1RB Left	19.86	17.56	33	PASS
N7	5MHz	15KHz	TM8	500500	Inner 1RB Right	19.85	17.55	33	PASS
N7	5MHz	15KHz	TM8	507000	Inner Full	19.98	17.68	33	PASS
N7	5MHz	15KHz	TM8	507000	Inner 1RB Left	19.58	17.28	33	PASS
N7	5MHz	15KHz	TM8	507000	Inner 1RB Right	19.55	17.25	33	PASS
N7	5MHz	15KHz	TM8	513500	Inner Full	20.31	18.01	33	PASS
N7	5MHz	15KHz	TM8	513500	Inner 1RB Left	20	17.70	33	PASS
N7	5MHz	15KHz	TM8	513500	Inner 1RB Right	20.1	17.80	33	PASS
N7	5MHz	15KHz	TM9	500500	Inner Full	18.27	15.97	33	PASS
N7	5MHz	15KHz	TM9	500500	Inner 1RB Left	18.26	15.96	33	PASS
N7	5MHz	15KHz	TM9	500500	Inner 1RB Right	18.53	16.23	33	PASS
N7	5MHz	15KHz	TM9	507000	Inner Full	17.89	15.59	33	PASS
N7	5MHz	15KHz	TM9	507000	Inner 1RB Left	17.85	15.55	33	PASS
N7	5MHz	15KHz	TM9	507000	Inner 1RB Right	18.18	15.88	33	PASS
N7	5MHz	15KHz	TM9	513500	Inner Full	18.41	16.11	33	PASS
N7	5MHz	15KHz	TM9	513500	Inner 1RB Left	18.61	16.31	33	PASS
N7	5MHz	15KHz	TM9	513500	Inner 1RB Right	18.73	16.43	33	PASS
N7	10MHz	15KHz	TM1	501000	Inner Full	22.57	20.27	33	PASS
N7	10MHz	15KHz	TM1	501000	Inner 1RB Left	22.51	20.21	33	PASS
N7	10MHz	15KHz	TM1	501000	Inner 1RB Right	22.34	20.04	33	PASS
N7	10MHz	15KHz	TM1	507000	Inner Full	22.18	19.88	33	PASS
N7	10MHz	15KHz	TM1	507000	Inner 1RB Left	22.14	19.84	33	PASS
N7	10MHz	15KHz	TM1	507000	Inner 1RB Right	22.22	19.92	33	PASS
N7	10MHz	15KHz	TM1	513000	Inner Full	22.6	20.30	33	PASS
N7	10MHz	15KHz	TM1	513000	Inner 1RB Left	22.58	20.28	33	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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



N7	10MHz	15KHz	TM1	513000	Inner 1RB Right	22.65	20.35	33	PASS
N7	10MHz	15KHz	TM2	501000	Inner Full	22.64	20.34	33	PASS
N7	10MHz	15KHz	TM2	501000	Inner 1RB Left	22.57	20.27	33	PASS
N7	10MHz	15KHz	TM2	501000	Inner 1RB Right	22.3	20.00	33	PASS
N7	10MHz	15KHz	TM2	507000	Inner Full	22.18	19.88	33	PASS
N7	10MHz	15KHz	TM2	507000	Inner 1RB Left	22.09	19.79	33	PASS
N7	10MHz	15KHz	TM2	507000	Inner 1RB Right	22.21	19.91	33	PASS
N7	10MHz	15KHz	TM2	513000	Inner Full	22.66	20.36	33	PASS
N7	10MHz	15KHz	TM2	513000	Inner 1RB Left	22.54	20.24	33	PASS
N7	10MHz	15KHz	TM2	513000	Inner 1RB Right	22.54	20.24	33	PASS
N7	10MHz	15KHz	TM3	501000	Inner Full	21.56	19.26	33	PASS
N7	10MHz	15KHz	TM3	501000	Inner 1RB Left	21.87	19.57	33	PASS
N7	10MHz	15KHz	TM3	501000	Inner 1RB Right	21.8	19.50	33	PASS
N7	10MHz	15KHz	TM3	507000	Inner Full	21.16	18.86	33	PASS
N7	10MHz	15KHz	TM3	507000	Inner 1RB Left	21.16	18.86	33	PASS
N7	10MHz	15KHz	TM3	507000	Inner 1RB Right	21.26	18.96	33	PASS
N7	10MHz	15KHz	TM3	513000	Inner Full	21.63	19.33	33	PASS
N7	10MHz	15KHz	TM3	513000	Inner 1RB Left	21.67	19.37	33	PASS
N7	10MHz	15KHz	TM3	513000	Inner 1RB Right	21.98	19.68	33	PASS
N7	10MHz	15KHz	TM4	501000	Inner Full	20.13	17.83	33	PASS
N7	10MHz	15KHz	TM4	501000	Inner 1RB Left	20.05	17.75	33	PASS
N7	10MHz	15KHz	TM4	501000	Inner 1RB Right	19.79	17.49	33	PASS
N7	10MHz	15KHz	TM4	507000	Inner Full	19.71	17.41	33	PASS
N7	10MHz	15KHz	TM4	507000	Inner 1RB Left	19.39	17.09	33	PASS
N7	10MHz	15KHz	TM4	507000	Inner 1RB Right	19.44	17.14	33	PASS
N7	10MHz	15KHz	TM4	513000	Inner Full	20.21	17.91	33	PASS
N7	10MHz	15KHz	TM4	513000	Inner 1RB Left	19.93	17.63	33	PASS
N7	10MHz	15KHz	TM4	513000	Inner 1RB Right	19.91	17.61	33	PASS
N7	10MHz	15KHz	TM5	501000	Inner Full	18.04	15.74	33	PASS
N7	10MHz	15KHz	TM5	501000	Inner 1RB Left	18.13	15.83	33	PASS
N7	10MHz	15KHz	TM5	501000	Inner 1RB Right	18.18	15.88	33	PASS
N7	10MHz	15KHz	TM5	507000	Inner Full	17.69	15.39	33	PASS
N7	10MHz	15KHz	TM5	507000	Inner 1RB Left	17.65	15.35	33	PASS
N7	10MHz	15KHz	TM5	507000	Inner 1RB Right	17.62	15.32	33	PASS
N7	10MHz	15KHz	TM5	513000	Inner Full	18.23	15.93	33	PASS
N7	10MHz	15KHz	TM5	513000	Inner 1RB Left	18.16	15.86	33	PASS
N7	10MHz	15KHz	TM5	513000	Inner 1RB Right	18.48	16.18	33	PASS
N7	10MHz	15KHz	TM6	501000	Inner Full	22.6	20.30	33	PASS
N7	10MHz	15KHz	TM6	501000	Inner 1RB Left	22.5	20.20	33	PASS
N7	10MHz	15KHz	TM6	501000	Inner 1RB Right	22.3	20.00	33	PASS
N7	10MHz	15KHz	TM6	507000	Inner Full	22.2	19.90	33	PASS
N7	10MHz	15KHz	TM6	507000	Inner 1RB Left	22.1	19.80	33	PASS
N7	10MHz	15KHz	TM6	507000	Inner 1RB Right	22.18	19.88	33	PASS
N7	10MHz	15KHz	TM6	513000	Inner Full	22.64	20.34	33	PASS
N7	10MHz	15KHz	TM6	513000	Inner 1RB Left	22.6	20.30	33	PASS
N7	10MHz	15KHz	TM6	513000	Inner 1RB Right	22.55	20.25	33	PASS
N7	10MHz	15KHz	TM7	501000	Inner Full	21.59	19.29	33	PASS
N7	10MHz	15KHz	TM7	501000	Inner 1RB Left	21.51	19.21	33	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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



N7	10MHz	15KHz	TM7	501000	Inner 1RB Right	21.38	19.08	33	PASS
N7	10MHz	15KHz	TM7	507000	Inner Full	21.14	18.84	33	PASS
N7	10MHz	15KHz	TM7	507000	Inner 1RB Left	21.43	19.13	33	PASS
N7	10MHz	15KHz	TM7	507000	Inner 1RB Right	21.2	18.90	33	PASS
N7	10MHz	15KHz	TM7	513000	Inner Full	21.63	19.33	33	PASS
N7	10MHz	15KHz	TM7	513000	Inner 1RB Left	21.94	19.64	33	PASS
N7	10MHz	15KHz	TM7	513000	Inner 1RB Right	21.99	19.69	33	PASS
N7	10MHz	15KHz	TM8	501000	Inner Full	20.12	17.82	33	PASS
N7	10MHz	15KHz	TM8	501000	Inner 1RB Left	19.95	17.65	33	PASS
N7	10MHz	15KHz	TM8	501000	Inner 1RB Right	19.6	17.30	33	PASS
N7	10MHz	15KHz	TM8	507000	Inner Full	19.72	17.42	33	PASS
N7	10MHz	15KHz	TM8	507000	Inner 1RB Left	19.3	17.00	33	PASS
N7	10MHz	15KHz	TM8	507000	Inner 1RB Right	19.44	17.14	33	PASS
N7	10MHz	15KHz	TM8	513000	Inner Full	20.15	17.85	33	PASS
N7	10MHz	15KHz	TM8	513000	Inner 1RB Left	19.76	17.46	33	PASS
N7	10MHz	15KHz	TM8	513000	Inner 1RB Right	19.85	17.55	33	PASS
N7	10MHz	15KHz	TM9	501000	Inner Full	18.05	15.75	33	PASS
N7	10MHz	15KHz	TM9	501000	Inner 1RB Left	18.13	15.83	33	PASS
N7	10MHz	15KHz	TM9	501000	Inner 1RB Right	17.91	15.61	33	PASS
N7	10MHz	15KHz	TM9	507000	Inner Full	17.7	15.40	33	PASS
N7	10MHz	15KHz	TM9	507000	Inner 1RB Left	17.7	15.40	33	PASS
N7	10MHz	15KHz	TM9	507000	Inner 1RB Right	17.61	15.31	33	PASS
N7	10MHz	15KHz	TM9	513000	Inner Full	18.2	15.90	33	PASS
N7	10MHz	15KHz	TM9	513000	Inner 1RB Left	18.11	15.81	33	PASS
N7	10MHz	15KHz	TM9	513000	Inner 1RB Right	18.25	15.95	33	PASS
N7	15MHz	15KHz	TM1	501500	Inner Full	22.64	20.34	33	PASS
N7	15MHz	15KHz	TM1	501500	Inner 1RB Left	22.71	20.41	33	PASS
N7	15MHz	15KHz	TM1	501500	Inner 1RB Right	22.55	20.25	33	PASS
N7	15MHz	15KHz	TM1	507000	Inner Full	22.31	20.01	33	PASS
N7	15MHz	15KHz	TM1	507000	Inner 1RB Left	22.3	20.00	33	PASS
N7	15MHz	15KHz	TM1	507000	Inner 1RB Right	22.29	19.99	33	PASS
N7	15MHz	15KHz	TM1	512500	Inner Full	23.22	20.92	33	PASS
N7	15MHz	15KHz	TM1	512500	Inner 1RB Left	22.67	20.37	33	PASS
N7	15MHz	15KHz	TM1	512500	Inner 1RB Right	22.73	20.43	33	PASS
N7	15MHz	15KHz	TM2	501500	Inner Full	22.62	20.32	33	PASS
N7	15MHz	15KHz	TM2	501500	Inner 1RB Left	22.56	20.26	33	PASS
N7	15MHz	15KHz	TM2	501500	Inner 1RB Right	22.58	20.28	33	PASS
N7	15MHz	15KHz	TM2	507000	Inner Full	22.3	20.00	33	PASS
N7	15MHz	15KHz	TM2	507000	Inner 1RB Left	22.34	20.04	33	PASS
N7	15MHz	15KHz	TM2	507000	Inner 1RB Right	22.28	19.98	33	PASS
N7	15MHz	15KHz	TM2	512500	Inner Full	22.76	20.46	33	PASS
N7	15MHz	15KHz	TM2	512500	Inner 1RB Left	22.65	20.35	33	PASS
N7	15MHz	15KHz	TM2	512500	Inner 1RB Right	22.66	20.36	33	PASS
N7	15MHz	15KHz	TM3	501500	Inner Full	21.63	19.33	33	PASS
N7	15MHz	15KHz	TM3	501500	Inner 1RB Left	21.66	19.36	33	PASS
N7	15MHz	15KHz	TM3	501500	Inner 1RB Right	21.59	19.29	33	PASS
N7	15MHz	15KHz	TM3	507000	Inner Full	21.33	19.03	33	PASS
N7	15MHz	15KHz	TM3	507000	Inner 1RB Left	21.37	19.07	33	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com



N7	15MHz	15KHz	TM3	507000	Inner 1RB Right	21.35	19.05	33	PASS
N7	15MHz	15KHz	TM3	512500	Inner Full	21.69	19.39	33	PASS
N7	15MHz	15KHz	TM3	512500	Inner 1RB Left	21.92	19.62	33	PASS
N7	15MHz	15KHz	TM3	512500	Inner 1RB Right	21.71	19.41	33	PASS
N7	15MHz	15KHz	TM4	501500	Inner Full	20.19	17.89	33	PASS
N7	15MHz	15KHz	TM4	501500	Inner 1RB Left	19.9	17.60	33	PASS
N7	15MHz	15KHz	TM4	501500	Inner 1RB Right	20.01	17.71	33	PASS
N7	15MHz	15KHz	TM4	507000	Inner Full	19.97	17.67	33	PASS
N7	15MHz	15KHz	TM4	507000	Inner 1RB Left	19.52	17.22	33	PASS
N7	15MHz	15KHz	TM4	507000	Inner 1RB Right	19.51	17.21	33	PASS
N7	15MHz	15KHz	TM4	512500	Inner Full	20.29	17.99	33	PASS
N7	15MHz	15KHz	TM4	512500	Inner 1RB Left	19.78	17.48	33	PASS
N7	15MHz	15KHz	TM4	512500	Inner 1RB Right	19.92	17.62	33	PASS
N7	15MHz	15KHz	TM5	501500	Inner Full	18.21	15.91	33	PASS
N7	15MHz	15KHz	TM5	501500	Inner 1RB Left	18.15	15.85	33	PASS
N7	15MHz	15KHz	TM5	501500	Inner 1RB Right	18.19	15.89	33	PASS
N7	15MHz	15KHz	TM5	507000	Inner Full	17.94	15.64	33	PASS
N7	15MHz	15KHz	TM5	507000	Inner 1RB Left	18.16	15.86	33	PASS
N7	15MHz	15KHz	TM5	507000	Inner 1RB Right	17.9	15.60	33	PASS
N7	15MHz	15KHz	TM5	512500	Inner Full	18.37	16.07	33	PASS
N7	15MHz	15KHz	TM5	512500	Inner 1RB Left	18.54	16.24	33	PASS
N7	15MHz	15KHz	TM5	512500	Inner 1RB Right	18.34	16.04	33	PASS
N7	15MHz	15KHz	TM6	501500	Inner Full	22.62	20.32	33	PASS
N7	15MHz	15KHz	TM6	501500	Inner 1RB Left	22.67	20.37	33	PASS
N7	15MHz	15KHz	TM6	501500	Inner 1RB Right	22.5	20.20	33	PASS
N7	15MHz	15KHz	TM6	507000	Inner Full	22.33	20.03	33	PASS
N7	15MHz	15KHz	TM6	507000	Inner 1RB Left	22.29	19.99	33	PASS
N7	15MHz	15KHz	TM6	507000	Inner 1RB Right	22.28	19.98	33	PASS
N7	15MHz	15KHz	TM6	512500	Inner Full	22.74	20.44	33	PASS
N7	15MHz	15KHz	TM6	512500	Inner 1RB Left	22.63	20.33	33	PASS
N7	15MHz	15KHz	TM6	512500	Inner 1RB Right	22.66	20.36	33	PASS
N7	15MHz	15KHz	TM7	501500	Inner Full	21.66	19.36	33	PASS
N7	15MHz	15KHz	TM7	501500	Inner 1RB Left	21.61	19.31	33	PASS
N7	15MHz	15KHz	TM7	501500	Inner 1RB Right	21.88	19.58	33	PASS
N7	15MHz	15KHz	TM7	507000	Inner Full	21.36	19.06	33	PASS
N7	15MHz	15KHz	TM7	507000	Inner 1RB Left	21.58	19.28	33	PASS
N7	15MHz	15KHz	TM7	507000	Inner 1RB Right	21.61	19.31	33	PASS
N7	15MHz	15KHz	TM7	512500	Inner Full	21.78	19.48	33	PASS
N7	15MHz	15KHz	TM7	512500	Inner 1RB Left	21.7	19.40	33	PASS
N7	15MHz	15KHz	TM7	512500	Inner 1RB Right	21.77	19.47	33	PASS
N7	15MHz	15KHz	TM8	501500	Inner Full	20.19	17.89	33	PASS
N7	15MHz	15KHz	TM8	501500	Inner 1RB Left	20.07	17.77	33	PASS
N7	15MHz	15KHz	TM8	501500	Inner 1RB Right	19.84	17.54	33	PASS
N7	15MHz	15KHz	TM8	507000	Inner Full	19.87	17.57	33	PASS
N7	15MHz	15KHz	TM8	507000	Inner 1RB Left	19.5	17.20	33	PASS
N7	15MHz	15KHz	TM8	507000	Inner 1RB Right	19.47	17.17	33	PASS
N7	15MHz	15KHz	TM8	512500	Inner Full	20.26	17.96	33	PASS
N7	15MHz	15KHz	TM8	512500	Inner 1RB Left	19.83	17.53	33	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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



N7	15MHz	15KHz	TM8	512500	Inner 1RB Right	19.86	17.56	33	PASS
N7	15MHz	15KHz	TM9	501500	Inner Full	18.23	15.93	33	PASS
N7	15MHz	15KHz	TM9	501500	Inner 1RB Left	18.16	15.86	33	PASS
N7	15MHz	15KHz	TM9	501500	Inner 1RB Right	18.17	15.87	33	PASS
N7	15MHz	15KHz	TM9	507000	Inner Full	17.86	15.56	33	PASS
N7	15MHz	15KHz	TM9	507000	Inner 1RB Left	18.1	15.80	33	PASS
N7	15MHz	15KHz	TM9	507000	Inner 1RB Right	18.17	15.87	33	PASS
N7	15MHz	15KHz	TM9	512500	Inner Full	18.37	16.07	33	PASS
N7	15MHz	15KHz	TM9	512500	Inner 1RB Left	18.47	16.17	33	PASS
N7	15MHz	15KHz	TM9	512500	Inner 1RB Right	18.38	16.08	33	PASS
N7	20MHz	15KHz	TM1	502000	Inner Full	22.62	20.32	33	PASS
N7	20MHz	15KHz	TM1	502000	Inner 1RB Left	22.62	20.32	33	PASS
N7	20MHz	15KHz	TM1	502000	Inner 1RB Right	22.42	20.12	33	PASS
N7	20MHz	15KHz	TM1	507000	Inner Full	22.27	19.97	33	PASS
N7	20MHz	15KHz	TM1	507000	Inner 1RB Left	22.37	20.07	33	PASS
N7	20MHz	15KHz	TM1	507000	Inner 1RB Right	22.22	19.92	33	PASS
N7	20MHz	15KHz	TM1	512000	Inner Full	22.7	20.40	33	PASS
N7	20MHz	15KHz	TM1	512000	Inner 1RB Left	22.5	20.20	33	PASS
N7	20MHz	15KHz	TM1	512000	Inner 1RB Right	22.65	20.35	33	PASS
N7	20MHz	15KHz	TM2	502000	Inner Full	22.61	20.31	33	PASS
N7	20MHz	15KHz	TM2	502000	Inner 1RB Left	22.55	20.25	33	PASS
N7	20MHz	15KHz	TM2	502000	Inner 1RB Right	22.45	20.15	33	PASS
N7	20MHz	15KHz	TM2	507000	Inner Full	22.22	19.92	33	PASS
N7	20MHz	15KHz	TM2	507000	Inner 1RB Left	22.31	20.01	33	PASS
N7	20MHz	15KHz	TM2	507000	Inner 1RB Right	22.2	19.90	33	PASS
N7	20MHz	15KHz	TM2	512000	Inner Full	22.68	20.38	33	PASS
N7	20MHz	15KHz	TM2	512000	Inner 1RB Left	22.47	20.17	33	PASS
N7	20MHz	15KHz	TM2	512000	Inner 1RB Right	22.6	20.30	33	PASS
N7	20MHz	15KHz	TM3	502000	Inner Full	21.64	19.34	33	PASS
N7	20MHz	15KHz	TM3	502000	Inner 1RB Left	21.85	19.55	33	PASS
N7	20MHz	15KHz	TM3	502000	Inner 1RB Right	21.84	19.54	33	PASS
N7	20MHz	15KHz	TM3	507000	Inner Full	21.28	18.98	33	PASS
N7	20MHz	15KHz	TM3	507000	Inner 1RB Left	21.68	19.38	33	PASS
N7	20MHz	15KHz	TM3	507000	Inner 1RB Right	21.63	19.33	33	PASS
N7	20MHz	15KHz	TM3	512000	Inner Full	21.77	19.47	33	PASS
N7	20MHz	15KHz	TM3	512000	Inner 1RB Left	21.87	19.57	33	PASS
N7	20MHz	15KHz	TM3	512000	Inner 1RB Right	21.99	19.69	33	PASS
N7	20MHz	15KHz	TM4	502000	Inner Full	20.18	17.88	33	PASS
N7	20MHz	15KHz	TM4	502000	Inner 1RB Left	19.91	17.61	33	PASS
N7	20MHz	15KHz	TM4	502000	Inner 1RB Right	19.75	17.45	33	PASS
N7	20MHz	15KHz	TM4	507000	Inner Full	19.89	17.59	33	PASS
N7	20MHz	15KHz	TM4	507000	Inner 1RB Left	19.66	17.36	33	PASS
N7	20MHz	15KHz	TM4	507000	Inner 1RB Right	19.58	17.28	33	PASS
N7	20MHz	15KHz	TM4	512000	Inner Full	20.2	17.90	33	PASS
N7	20MHz	15KHz	TM4	512000	Inner 1RB Left	19.67	17.37	33	PASS
N7	20MHz	15KHz	TM4	512000	Inner 1RB Right	19.78	17.48	33	PASS
N7	20MHz	15KHz	TM5	502000	Inner Full	18.21	15.91	33	PASS
N7	20MHz	15KHz	TM5	502000	Inner 1RB Left	18.15	15.85	33	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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



N7	20MHz	15KHz	TM5	502000	Inner 1RB Right	18.04	15.74	33	PASS
N7	20MHz	15KHz	TM5	507000	Inner Full	17.92	15.62	33	PASS
N7	20MHz	15KHz	TM5	507000	Inner 1RB Left	18.18	15.88	33	PASS
N7	20MHz	15KHz	TM5	507000	Inner 1RB Right	17.89	15.59	33	PASS
N7	20MHz	15KHz	TM5	512000	Inner Full	18.4	16.10	33	PASS
N7	20MHz	15KHz	TM5	512000	Inner 1RB Left	18.12	15.82	33	PASS
N7	20MHz	15KHz	TM5	512000	Inner 1RB Right	18.33	16.03	33	PASS
N7	20MHz	15KHz	TM6	502000	Inner Full	22.63	20.33	33	PASS
N7	20MHz	15KHz	TM6	502000	Inner 1RB Left	22.55	20.25	33	PASS
N7	20MHz	15KHz	TM6	502000	Inner 1RB Right	22.4	20.10	33	PASS
N7	20MHz	15KHz	TM6	507000	Inner Full	22.3	20.00	33	PASS
N7	20MHz	15KHz	TM6	507000	Inner 1RB Left	22.26	19.96	33	PASS
N7	20MHz	15KHz	TM6	507000	Inner 1RB Right	22.24	19.94	33	PASS
N7	20MHz	15KHz	TM6	512000	Inner Full	22.76	20.46	33	PASS
N7	20MHz	15KHz	TM6	512000	Inner 1RB Left	22.45	20.15	33	PASS
N7	20MHz	15KHz	TM6	512000	Inner 1RB Right	22.6	20.30	33	PASS
N7	20MHz	15KHz	TM7	502000	Inner Full	21.62	19.32	33	PASS
N7	20MHz	15KHz	TM7	502000	Inner 1RB Left	21.59	19.29	33	PASS
N7	20MHz	15KHz	TM7	502000	Inner 1RB Right	21.82	19.52	33	PASS
N7	20MHz	15KHz	TM7	507000	Inner Full	21.24	18.94	33	PASS
N7	20MHz	15KHz	TM7	507000	Inner 1RB Left	21.67	19.37	33	PASS
N7	20MHz	15KHz	TM7	507000	Inner 1RB Right	21.27	18.97	33	PASS
N7	20MHz	15KHz	TM7	512000	Inner Full	21.79	19.49	33	PASS
N7	20MHz	15KHz	TM7	512000	Inner 1RB Left	21.61	19.31	33	PASS
N7	20MHz	15KHz	TM7	512000	Inner 1RB Right	22	19.70	33	PASS
N7	20MHz	15KHz	TM8	502000	Inner Full	20.17	17.87	33	PASS
N7	20MHz	15KHz	TM8	502000	Inner 1RB Left	20.02	17.72	33	PASS
N7	20MHz	15KHz	TM8	502000	Inner 1RB Right	19.68	17.38	33	PASS
N7	20MHz	15KHz	TM8	507000	Inner Full	19.92	17.62	33	PASS
N7	20MHz	15KHz	TM8	507000	Inner 1RB Left	19.65	17.35	33	PASS
N7	20MHz	15KHz	TM8	507000	Inner 1RB Right	19.58	17.28	33	PASS
N7	20MHz	15KHz	TM8	512000	Inner Full	20.34	18.04	33	PASS
N7	20MHz	15KHz	TM8	512000	Inner 1RB Left	19.69	17.39	33	PASS
N7	20MHz	15KHz	TM8	512000	Inner 1RB Right	19.8	17.50	33	PASS
N7	20MHz	15KHz	TM9	502000	Inner Full	18.21	15.91	33	PASS
N7	20MHz	15KHz	TM9	502000	Inner 1RB Left	18.15	15.85	33	PASS
N7	20MHz	15KHz	TM9	502000	Inner 1RB Right	18.06	15.76	33	PASS
N7	20MHz	15KHz	TM9	507000	Inner Full	17.91	15.61	33	PASS
N7	20MHz	15KHz	TM9	507000	Inner 1RB Left	17.93	15.63	33	PASS
N7	20MHz	15KHz	TM9	507000	Inner 1RB Right	17.9	15.60	33	PASS
N7	20MHz	15KHz	TM9	512000	Inner Full	18.31	16.01	33	PASS
N7	20MHz	15KHz	TM9	512000	Inner 1RB Left	18.1	15.80	33	PASS
N7	20MHz	15KHz	TM9	512000	Inner 1RB Right	18.55	16.25	33	PASS
N7	10MHz	30KHz	TM1	501000	Inner Full	18.21	15.91	33	PASS
N7	10MHz	30KHz	TM1	501000	Inner 1RB Left	22.69	20.39	33	PASS
N7	10MHz	30KHz	TM1	501000	Inner 1RB Right	22.68	20.38	33	PASS
N7	10MHz	30KHz	TM1	507000	Inner Full	22.47	20.17	33	PASS
N7	10MHz	30KHz	TM1	507000	Inner 1RB Left	22.21	19.91	33	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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



N7	10MHz	30KHz	TM1	507000	Inner 1RB Right	22.06	19.76	33	PASS
N7	10MHz	30KHz	TM1	513000	Inner Full	22.14	19.84	33	PASS
N7	10MHz	30KHz	TM1	513000	Inner 1RB Left	22.72	20.42	33	PASS
N7	10MHz	30KHz	TM1	513000	Inner 1RB Right	22.6	20.30	33	PASS
N7	10MHz	30KHz	TM2	501000	Inner Full	22.65	20.35	33	PASS
N7	10MHz	30KHz	TM2	501000	Inner 1RB Left	22.74	20.44	33	PASS
N7	10MHz	30KHz	TM2	501000	Inner 1RB Right	22.64	20.34	33	PASS
N7	10MHz	30KHz	TM2	507000	Inner Full	22.3	20.00	33	PASS
N7	10MHz	30KHz	TM2	507000	Inner 1RB Left	22.26	19.96	33	PASS
N7	10MHz	30KHz	TM2	507000	Inner 1RB Right	22.3	20.00	33	PASS
N7	10MHz	30KHz	TM2	513000	Inner Full	22.81	20.51	33	PASS
N7	10MHz	30KHz	TM2	513000	Inner 1RB Left	22.7	20.40	33	PASS
N7	10MHz	30KHz	TM2	513000	Inner 1RB Right	22.69	20.39	33	PASS
N7	10MHz	30KHz	TM3	501000	Inner Full	21.75	19.45	33	PASS
N7	10MHz	30KHz	TM3	501000	Inner 1RB Left	21.95	19.65	33	PASS
N7	10MHz	30KHz	TM3	501000	Inner 1RB Right	21.87	19.57	33	PASS
N7	10MHz	30KHz	TM3	507000	Inner Full	21.28	18.98	33	PASS
N7	10MHz	30KHz	TM3	507000	Inner 1RB Left	21.28	18.98	33	PASS
N7	10MHz	30KHz	TM3	507000	Inner 1RB Right	21.33	19.03	33	PASS
N7	10MHz	30KHz	TM3	513000	Inner Full	21.77	19.47	33	PASS
N7	10MHz	30KHz	TM3	513000	Inner 1RB Left	21.72	19.42	33	PASS
N7	10MHz	30KHz	TM3	513000	Inner 1RB Right	21.73	19.43	33	PASS
N7	10MHz	30KHz	TM4	501000	Inner Full	20.25	17.95	33	PASS
N7	10MHz	30KHz	TM4	501000	Inner 1RB Left	20.13	17.83	33	PASS
N7	10MHz	30KHz	TM4	501000	Inner 1RB Right	19.86	17.56	33	PASS
N7	10MHz	30KHz	TM4	507000	Inner Full	19.82	17.52	33	PASS
N7	10MHz	30KHz	TM4	507000	Inner 1RB Left	19.45	17.15	33	PASS
N7	10MHz	30KHz	TM4	507000	Inner 1RB Right	19.44	17.14	33	PASS
N7	10MHz	30KHz	TM4	513000	Inner Full	20.13	17.83	33	PASS
N7	10MHz	30KHz	TM4	513000	Inner 1RB Left	19.92	17.62	33	PASS
N7	10MHz	30KHz	TM4	513000	Inner 1RB Right	19.98	17.68	33	PASS
N7	10MHz	30KHz	TM5	501000	Inner Full	18.37	16.07	33	PASS
N7	10MHz	30KHz	TM5	501000	Inner 1RB Left	18.5	16.20	33	PASS
N7	10MHz	30KHz	TM5	501000	Inner 1RB Right	18.07	15.77	33	PASS
N7	10MHz	30KHz	TM5	507000	Inner Full	17.96	15.66	33	PASS
N7	10MHz	30KHz	TM5	507000	Inner 1RB Left	18.05	15.75	33	PASS
N7	10MHz	30KHz	TM5	507000	Inner 1RB Right	18.27	15.97	33	PASS
N7	10MHz	30KHz	TM5	513000	Inner Full	18.42	16.12	33	PASS
N7	10MHz	30KHz	TM5	513000	Inner 1RB Left	18.2	15.90	33	PASS
N7	10MHz	30KHz	TM5	513000	Inner 1RB Right	18.22	15.92	33	PASS
N7	10MHz	30KHz	TM6	501000	Inner Full	22.6	20.30	33	PASS
N7	10MHz	30KHz	TM6	501000	Inner 1RB Left	22.72	20.42	33	PASS
N7	10MHz	30KHz	TM6	501000	Inner 1RB Right	22.57	20.27	33	PASS
N7	10MHz	30KHz	TM6	507000	Inner Full	22.3	20.00	33	PASS
N7	10MHz	30KHz	TM6	507000	Inner 1RB Left	22.25	19.95	33	PASS
N7	10MHz	30KHz	TM6	507000	Inner 1RB Right	22.35	20.05	33	PASS
N7	10MHz	30KHz	TM6	513000	Inner Full	22.68	20.38	33	PASS
N7	10MHz	30KHz	TM6	513000	Inner 1RB Left	22.68	20.38	33	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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



N7	10MHz	30KHz	TM6	513000	Inner 1RB Right	22.7	20.40	33	PASS
N7	10MHz	30KHz	TM7	501000	Inner Full	21.8	19.50	33	PASS
N7	10MHz	30KHz	TM7	501000	Inner 1RB Left	22	19.70	33	PASS
N7	10MHz	30KHz	TM7	501000	Inner 1RB Right	21.86	19.56	33	PASS
N7	10MHz	30KHz	TM7	507000	Inner Full	21.27	18.97	33	PASS
N7	10MHz	30KHz	TM7	507000	Inner 1RB Left	21.46	19.16	33	PASS
N7	10MHz	30KHz	TM7	507000	Inner 1RB Right	21.35	19.05	33	PASS
N7	10MHz	30KHz	TM7	513000	Inner Full	21.74	19.44	33	PASS
N7	10MHz	30KHz	TM7	513000	Inner 1RB Left	21.96	19.66	33	PASS
N7	10MHz	30KHz	TM7	513000	Inner 1RB Right	21.89	19.59	33	PASS
N7	10MHz	30KHz	TM8	501000	Inner Full	20.22	17.92	33	PASS
N7	10MHz	30KHz	TM8	501000	Inner 1RB Left	20.19	17.89	33	PASS
N7	10MHz	30KHz	TM8	501000	Inner 1RB Right	19.87	17.57	33	PASS
N7	10MHz	30KHz	TM8	507000	Inner Full	19.84	17.54	33	PASS
N7	10MHz	30KHz	TM8	507000	Inner 1RB Left	19.42	17.12	33	PASS
N7	10MHz	30KHz	TM8	507000	Inner 1RB Right	19.43	17.13	33	PASS
N7	10MHz	30KHz	TM8	513000	Inner Full	20.22	17.92	33	PASS
N7	10MHz	30KHz	TM8	513000	Inner 1RB Left	19.93	17.63	33	PASS
N7	10MHz	30KHz	TM8	513000	Inner 1RB Right	19.93	17.63	33	PASS
N7	10MHz	30KHz	TM9	501000	Inner Full	18.23	15.93	33	PASS
N7	10MHz	30KHz	TM9	501000	Inner 1RB Left	18.51	16.21	33	PASS
N7	10MHz	30KHz	TM9	501000	Inner 1RB Right	18.11	15.81	33	PASS
N7	10MHz	30KHz	TM9	507000	Inner Full	17.94	15.64	33	PASS
N7	10MHz	30KHz	TM9	507000	Inner 1RB Left	17.66	15.36	33	PASS
N7	10MHz	30KHz	TM9	507000	Inner 1RB Right	17.74	15.44	33	PASS
N7	10MHz	30KHz	TM9	513000	Inner Full	18.45	16.15	33	PASS
N7	10MHz	30KHz	TM9	513000	Inner 1RB Left	18.17	15.87	33	PASS
N7	10MHz	30KHz	TM9	513000	Inner 1RB Right	18.24	15.94	33	PASS
N7	15MHz	30KHz	TM1	501500	Inner Full	22.55	20.25	33	PASS
N7	15MHz	30KHz	TM1	501500	Inner 1RB Left	22.38	20.08	33	PASS
N7	15MHz	30KHz	TM1	501500	Inner 1RB Right	22.45	20.15	33	PASS
N7	15MHz	30KHz	TM1	507000	Inner Full	22.06	19.76	33	PASS
N7	15MHz	30KHz	TM1	507000	Inner 1RB Left	22.16	19.86	33	PASS
N7	15MHz	30KHz	TM1	507000	Inner 1RB Right	22.2	19.90	33	PASS
N7	15MHz	30KHz	TM1	512500	Inner Full	22.43	20.13	33	PASS
N7	15MHz	30KHz	TM1	512500	Inner 1RB Left	22.30	20.00	33	PASS
N7	15MHz	30KHz	TM1	512500	Inner 1RB Right	22.24	19.94	33	PASS
N7	15MHz	30KHz	TM2	501500	Inner Full	22.52	20.22	33	PASS
N7	15MHz	30KHz	TM2	501500	Inner 1RB Left	22.65	20.35	33	PASS
N7	15MHz	30KHz	TM2	501500	Inner 1RB Right	22.5	20.20	33	PASS
N7	15MHz	30KHz	TM2	507000	Inner Full	22.04	19.74	33	PASS
N7	15MHz	30KHz	TM2	507000	Inner 1RB Left	22	19.70	33	PASS
N7	15MHz	30KHz	TM2	507000	Inner 1RB Right	22.06	19.76	33	PASS
N7	15MHz	30KHz	TM2	512500	Inner Full	22.09	19.79	33	PASS
N7	15MHz	30KHz	TM2	512500	Inner 1RB Left	22.13	19.83	33	PASS
N7	15MHz	30KHz	TM2	512500	Inner 1RB Right	22.13	19.83	33	PASS
N7	15MHz	30KHz	TM3	501500	Inner Full	21.47	19.17	33	PASS
N7	15MHz	30KHz	TM3	501500	Inner 1RB Left	21.51	19.21	33	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com



N7	15MHz	30KHz	TM3	501500	Inner 1RB Right	21.78	19.48	33	PASS
N7	15MHz	30KHz	TM3	507000	Inner Full	21.12	18.82	33	PASS
N7	15MHz	30KHz	TM3	507000	Inner 1RB Left	21.18	18.88	33	PASS
N7	15MHz	30KHz	TM3	507000	Inner 1RB Right	21.18	18.88	33	PASS
N7	15MHz	30KHz	TM3	512500	Inner Full	21.30	19.00	33	PASS
N7	15MHz	30KHz	TM3	512500	Inner 1RB Left	21.37	19.07	33	PASS
N7	15MHz	30KHz	TM3	512500	Inner 1RB Right	21.35	19.05	33	PASS
N7	15MHz	30KHz	TM4	501500	Inner Full	20	17.70	33	PASS
N7	15MHz	30KHz	TM4	501500	Inner 1RB Left	19.83	17.53	33	PASS
N7	15MHz	30KHz	TM4	501500	Inner 1RB Right	19.85	17.55	33	PASS
N7	15MHz	30KHz	TM4	507000	Inner Full	19.61	17.31	33	PASS
N7	15MHz	30KHz	TM4	507000	Inner 1RB Left	19.69	17.39	33	PASS
N7	15MHz	30KHz	TM4	507000	Inner 1RB Right	19.7	17.40	33	PASS
N7	15MHz	30KHz	TM4	512500	Inner Full	19.73	17.43	33	PASS
N7	15MHz	30KHz	TM4	512500	Inner 1RB Left	19.79	17.49	33	PASS
N7	15MHz	30KHz	TM4	512500	Inner 1RB Right	19.80	17.50	33	PASS
N7	15MHz	30KHz	TM5	501500	Inner Full	18.14	15.84	33	PASS
N7	15MHz	30KHz	TM5	501500	Inner 1RB Left	18.36	16.06	33	PASS
N7	15MHz	30KHz	TM5	501500	Inner 1RB Right	17.99	15.69	33	PASS
N7	15MHz	30KHz	TM5	507000	Inner Full	17.76	15.46	33	PASS
N7	15MHz	30KHz	TM5	507000	Inner 1RB Left	17.74	15.44	33	PASS
N7	15MHz	30KHz	TM5	507000	Inner 1RB Right	17.81	15.51	33	PASS
N7	15MHz	30KHz	TM5	512500	Inner Full	17.88	15.58	33	PASS
N7	15MHz	30KHz	TM5	512500	Inner 1RB Left	17.90	15.60	33	PASS
N7	15MHz	30KHz	TM5	512500	Inner 1RB Right	17.94	15.64	33	PASS
N7	15MHz	30KHz	TM6	501500	Inner Full	22.55	20.25	33	PASS
N7	15MHz	30KHz	TM6	501500	Inner 1RB Left	22.65	20.35	33	PASS
N7	15MHz	30KHz	TM6	501500	Inner 1RB Right	22.51	20.21	33	PASS
N7	15MHz	30KHz	TM6	507000	Inner Full	22.14	19.84	33	PASS
N7	15MHz	30KHz	TM6	507000	Inner 1RB Left	22.04	19.74	33	PASS
N7	15MHz	30KHz	TM6	507000	Inner 1RB Right	22.04	19.74	33	PASS
N7	15MHz	30KHz	TM6	512500	Inner Full	22.21	19.91	33	PASS
N7	15MHz	30KHz	TM6	512500	Inner 1RB Left	22.24	19.94	33	PASS
N7	15MHz	30KHz	TM6	512500	Inner 1RB Right	22.24	19.94	33	PASS
N7	15MHz	30KHz	TM7	501500	Inner Full	21.56	19.26	33	PASS
N7	15MHz	30KHz	TM7	501500	Inner 1RB Left	21.82	19.52	33	PASS
N7	15MHz	30KHz	TM7	501500	Inner 1RB Right	21.78	19.48	33	PASS
N7	15MHz	30KHz	TM7	507000	Inner Full	21.12	18.82	33	PASS
N7	15MHz	30KHz	TM7	507000	Inner 1RB Left	21.19	18.89	33	PASS
N7	15MHz	30KHz	TM7	507000	Inner 1RB Right	21.18	18.88	33	PASS
N7	15MHz	30KHz	TM7	512500	Inner Full	21.26	18.96	33	PASS
N7	15MHz	30KHz	TM7	512500	Inner 1RB Left	21.29	18.99	33	PASS
N7	15MHz	30KHz	TM7	512500	Inner 1RB Right	21.30	19.00	33	PASS
N7	15MHz	30KHz	TM8	501500	Inner Full	20.12	17.82	33	PASS
N7	15MHz	30KHz	TM8	501500	Inner 1RB Left	19.76	17.46	33	PASS
N7	15MHz	30KHz	TM8	501500	Inner 1RB Right	19.79	17.49	33	PASS
N7	15MHz	30KHz	TM8	507000	Inner Full	19.59	17.29	33	PASS
N7	15MHz	30KHz	TM8	507000	Inner 1RB Left	19.69	17.39	33	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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



N7	15MHz	30KHz	TM8	507000	Inner 1RB Right	19.72	17.42	33	PASS
N7	15MHz	30KHz	TM8	512500	Inner Full	19.69	17.39	33	PASS
N7	15MHz	30KHz	TM8	512500	Inner 1RB Left	19.79	17.49	33	PASS
N7	15MHz	30KHz	TM8	512500	Inner 1RB Right	19.78	17.48	33	PASS
N7	15MHz	30KHz	TM9	501500	Inner Full	18.18	15.88	33	PASS
N7	15MHz	30KHz	TM9	501500	Inner 1RB Left	18.05	15.75	33	PASS
N7	15MHz	30KHz	TM9	501500	Inner 1RB Right	18.03	15.73	33	PASS
N7	15MHz	30KHz	TM9	507000	Inner Full	17.76	15.46	33	PASS
N7	15MHz	30KHz	TM9	507000	Inner 1RB Left	17.76	15.46	33	PASS
N7	15MHz	30KHz	TM9	507000	Inner 1RB Right	17.81	15.51	33	PASS
N7	15MHz	30KHz	TM9	512500	Inner Full	17.94	15.64	33	PASS
N7	15MHz	30KHz	TM9	512500	Inner 1RB Left	17.96	15.66	33	PASS
N7	15MHz	30KHz	TM9	512500	Inner 1RB Right	17.96	15.66	33	PASS
N7	20MHz	30KHz	TM1	502000	Inner Full	22.49	20.19	33	PASS
N7	20MHz	30KHz	TM1	502000	Inner 1RB Left	22.4	20.10	33	PASS
N7	20MHz	30KHz	TM1	502000	Inner 1RB Right	22.35	20.05	33	PASS
N7	20MHz	30KHz	TM1	507000	Inner Full	22.06	19.76	33	PASS
N7	20MHz	30KHz	TM1	507000	Inner 1RB Left	22.13	19.83	33	PASS
N7	20MHz	30KHz	TM1	507000	Inner 1RB Right	22.15	19.85	33	PASS
N7	20MHz	30KHz	TM1	512000	Inner Full	22.29	19.99	33	PASS
N7	20MHz	30KHz	TM1	512000	Inner 1RB Left	22.34	20.04	33	PASS
N7	20MHz	30KHz	TM1	512000	Inner 1RB Right	22.35	20.05	33	PASS
N7	20MHz	30KHz	TM2	502000	Inner Full	22.47	20.17	33	PASS
N7	20MHz	30KHz	TM2	502000	Inner 1RB Left	22.31	20.01	33	PASS
N7	20MHz	30KHz	TM2	502000	Inner 1RB Right	22.26	19.96	33	PASS
N7	20MHz	30KHz	TM2	507000	Inner Full	22.14	19.84	33	PASS
N7	20MHz	30KHz	TM2	507000	Inner 1RB Left	22.11	19.81	33	PASS
N7	20MHz	30KHz	TM2	507000	Inner 1RB Right	22.16	19.86	33	PASS
N7	20MHz	30KHz	TM2	512000	Inner Full	22.27	19.97	33	PASS
N7	20MHz	30KHz	TM2	512000	Inner 1RB Left	22.31	20.01	33	PASS
N7	20MHz	30KHz	TM2	512000	Inner 1RB Right	22.29	19.99	33	PASS
N7	20MHz	30KHz	TM3	502000	Inner Full	21.47	19.17	33	PASS
N7	20MHz	30KHz	TM3	502000	Inner 1RB Left	21.58	19.28	33	PASS
N7	20MHz	30KHz	TM3	502000	Inner 1RB Right	21.38	19.08	33	PASS
N7	20MHz	30KHz	TM3	507000	Inner Full	21.14	18.84	33	PASS
N7	20MHz	30KHz	TM3	507000	Inner 1RB Left	21.20	18.90	33	PASS
N7	20MHz	30KHz	TM3	507000	Inner 1RB Right	21.21	18.91	33	PASS
N7	20MHz	30KHz	TM3	512000	Inner Full	21.34	19.04	33	PASS
N7	20MHz	30KHz	TM3	512000	Inner 1RB Left	21.39	19.09	33	PASS
N7	20MHz	30KHz	TM3	512000	Inner 1RB Right	21.40	19.10	33	PASS
N7	20MHz	30KHz	TM4	502000	Inner Full	21.61	19.31	33	PASS
N7	20MHz	30KHz	TM4	502000	Inner 1RB Left	21.3	19.00	33	PASS
N7	20MHz	30KHz	TM4	502000	Inner 1RB Right	21.31	19.01	33	PASS
N7	20MHz	30KHz	TM4	507000	Inner Full	19.68	17.38	33	PASS
N7	20MHz	30KHz	TM4	507000	Inner 1RB Left	19.87	17.57	33	PASS
N7	20MHz	30KHz	TM4	507000	Inner 1RB Right	19.85	17.55	33	PASS
N7	20MHz	30KHz	TM4	512000	Inner Full	21.21	18.91	33	PASS
N7	20MHz	30KHz	TM4	512000	Inner 1RB Left	21.30	19.00	33	PASS



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-a-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) 8367 1443, or email: CN.Docscheck@sgs.com



N7	20MHz	30KHz	TM4	512000	Inner 1RB Right	21.29	18.99	33	PASS
N7	20MHz	30KHz	TM5	502000	Inner Full	20.04	17.74	33	PASS
N7	20MHz	30KHz	TM5	502000	Inner 1RB Left	19.77	17.47	33	PASS
N7	20MHz	30KHz	TM5	502000	Inner 1RB Right	19.91	17.61	33	PASS
N7	20MHz	30KHz	TM5	507000	Inner Full	17.7	15.40	33	PASS
N7	20MHz	30KHz	TM5	507000	Inner 1RB Left	17.78	15.48	33	PASS
N7	20MHz	30KHz	TM5	507000	Inner 1RB Right	17.75	15.45	33	PASS
N7	20MHz	30KHz	TM5	512000	Inner Full	20.05	17.75	33	PASS
N7	20MHz	30KHz	TM5	512000	Inner 1RB Left	19.87	17.57	33	PASS
N7	20MHz	30KHz	TM5	512000	Inner 1RB Right	19.87	17.57	33	PASS
N7	20MHz	30KHz	TM6	502000	Inner Full	22.47	20.17	33	PASS
N7	20MHz	30KHz	TM6	502000	Inner 1RB Left	22.33	20.03	33	PASS
N7	20MHz	30KHz	TM6	502000	Inner 1RB Right	22.26	19.96	33	PASS
N7	20MHz	30KHz	TM6	507000	Inner Full	22.14	19.84	33	PASS
N7	20MHz	30KHz	TM6	507000	Inner 1RB Left	22.11	19.81	33	PASS
N7	20MHz	30KHz	TM6	507000	Inner 1RB Right	22.08	19.78	33	PASS
N7	20MHz	30KHz	TM6	512000	Inner Full	22.43	20.13	33	PASS
N7	20MHz	30KHz	TM6	512000	Inner 1RB Left	22.31	20.01	33	PASS
N7	20MHz	30KHz	TM6	512000	Inner 1RB Right	22.22	19.92	33	PASS
N7	20MHz	30KHz	TM7	502000	Inner Full	21.6	19.30	33	PASS
N7	20MHz	30KHz	TM7	502000	Inner 1RB Left	21.44	19.14	33	PASS
N7	20MHz	30KHz	TM7	502000	Inner 1RB Right	21.51	19.21	33	PASS
N7	20MHz	30KHz	TM7	507000	Inner Full	21.14	18.84	33	PASS
N7	20MHz	30KHz	TM7	507000	Inner 1RB Left	21.09	18.79	33	PASS
N7	20MHz	30KHz	TM7	507000	Inner 1RB Right	21.05	18.75	33	PASS
N7	20MHz	30KHz	TM7	512000	Inner Full	21.44	19.14	33	PASS
N7	20MHz	30KHz	TM7	512000	Inner 1RB Left	21.36	19.06	33	PASS
N7	20MHz	30KHz	TM7	512000	Inner 1RB Right	21.35	19.05	33	PASS
N7	20MHz	30KHz	TM8	502000	Inner Full	21.6	19.30	33	PASS
N7	20MHz	30KHz	TM8	502000	Inner 1RB Left	21.26	18.96	33	PASS
N7	20MHz	30KHz	TM8	502000	Inner 1RB Right	21.62	19.32	33	PASS
N7	20MHz	30KHz	TM8	507000	Inner Full	19.65	17.35	33	PASS
N7	20MHz	30KHz	TM8	507000	Inner 1RB Left	19.57	17.27	33	PASS
N7	20MHz	30KHz	TM8	507000	Inner 1RB Right	19.53	17.23	33	PASS
N7	20MHz	30KHz	TM8	512000	Inner Full	21.53	19.23	33	PASS
N7	20MHz	30KHz	TM8	512000	Inner 1RB Left	21.24	18.94	33	PASS
N7	20MHz	30KHz	TM8	512000	Inner 1RB Right	21.56	19.26	33	PASS
N7	20MHz	30KHz	TM9	502000	Inner Full	19.97	17.67	33	PASS
N7	20MHz	30KHz	TM9	502000	Inner 1RB Left	19.76	17.46	33	PASS
N7	20MHz	30KHz	TM9	502000	Inner 1RB Right	19.9	17.60	33	PASS
N7	20MHz	30KHz	TM9	507000	Inner Full	17.7	15.40	33	PASS
N7	20MHz	30KHz	TM9	507000	Inner 1RB Left	17.79	15.49	33	PASS
N7	20MHz	30KHz	TM9	507000	Inner 1RB Right	17.82	15.52	33	PASS
N7	20MHz	30KHz	TM9	512000	Inner Full	19.95	17.65	33	PASS
N7	20MHz	30KHz	TM9	512000	Inner 1RB Left	19.67	17.37	33	PASS
N7	20MHz	30KHz	TM9	512000	Inner 1RB Right	19.85	17.55	33	PASS

Note:



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it.

$$\text{EIRP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$
$$\text{ERP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBi]} - 2.15$$


SGS-CSTechnological Services Co., Ltd.
Shenzhen Branch, Shenzhen, P.R. China (Laboratory)

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed herein and available on request 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 their respective obligations under the contract. This document is intended solely as a reference tool and cannot be relied upon 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 is drawn to the statutory testing responsibilities and the appropriate place of contact as set forth at telephone: (86-755) 8307 1443,
or email: CN.Chester@sgs.com

中国·深圳·科技园中区M-10楼一号厂房 邮编: 518057 | (86-755) 26012053 | (86-755) 26710594 | www.agsgroup.com.cn
sgs.china@sgs.com

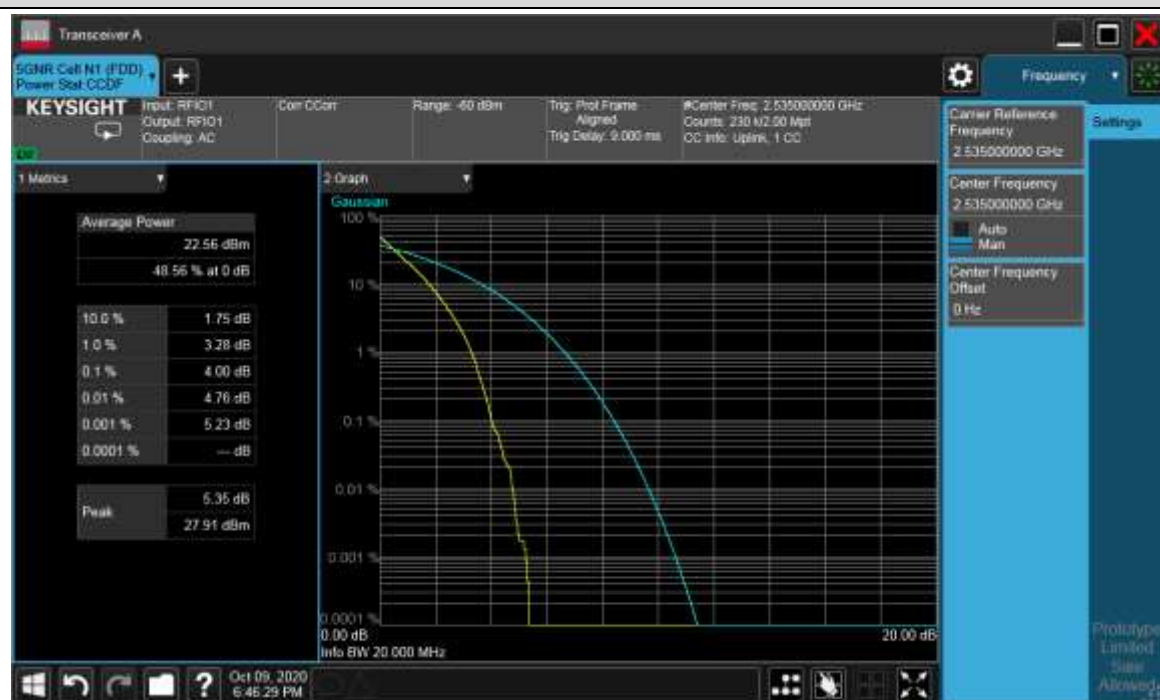
2 Peak-to-Average Ratio

2.1 Test Results

NR Band	Bandwidth	SCS	Modulation	Channel	RB Config	Result (dB)	Limit (dBm)	Verdict
N7	20MHz	15KHz	TM1	507000	Outer Full	4.00	13	PASS
N7	20MHz	15KHz	TM6	507000	Outer Full	7.70	13	PASS

2.2 Test Plots

N7-20MHz-15KHz-TM1-507000-Outer Full



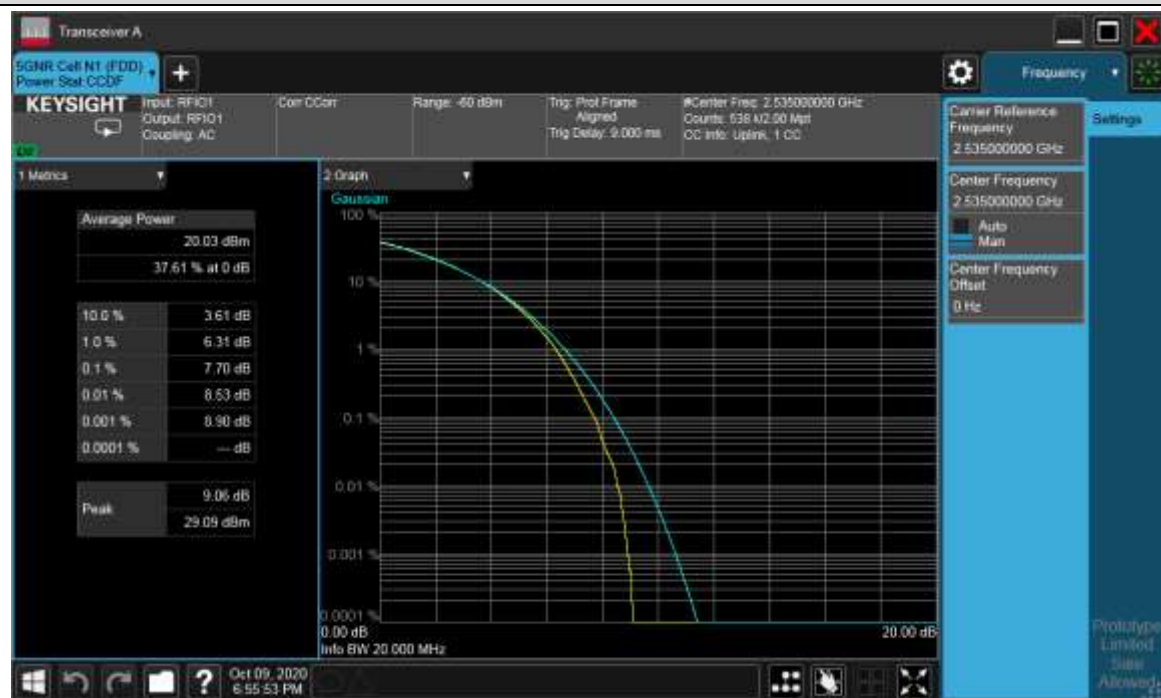
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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) 8367 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 | (86-755) 26012053 | (86-755) 26710594 | www.sgs.com
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 | (86-755) 26710594 | sgs.china@sgs.com

N7-20MHz-15KHz-TM6-507000-Outer Full



REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report



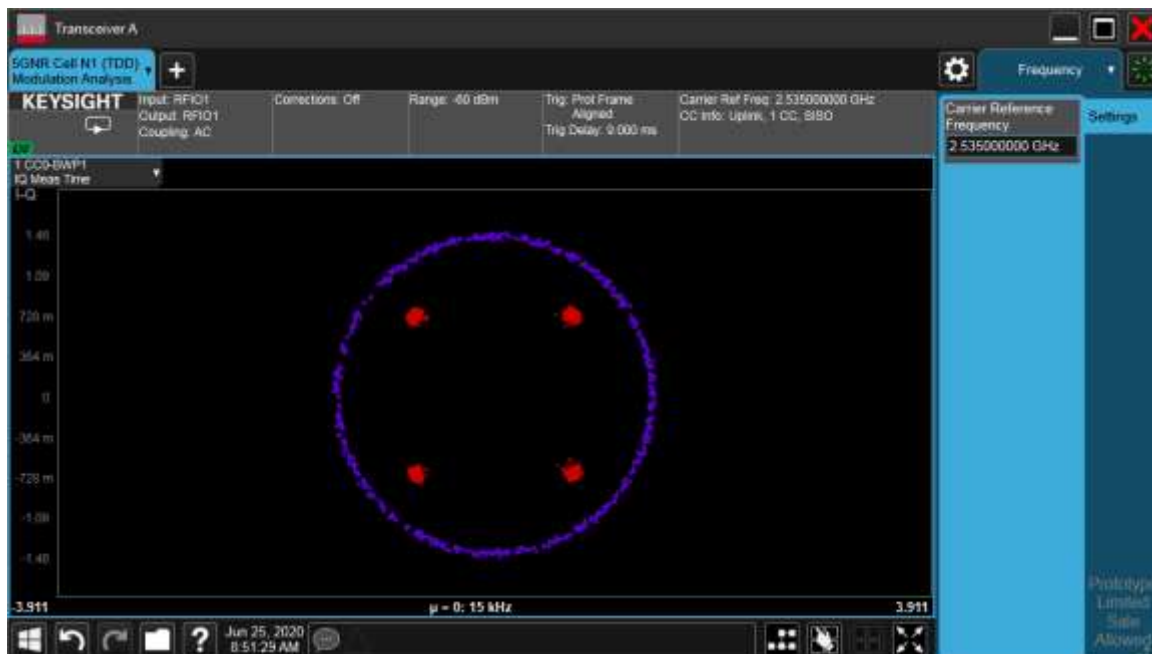
3 Modulation Characteristics

3.1 Test Plots

3.1.1 Test Band = N7

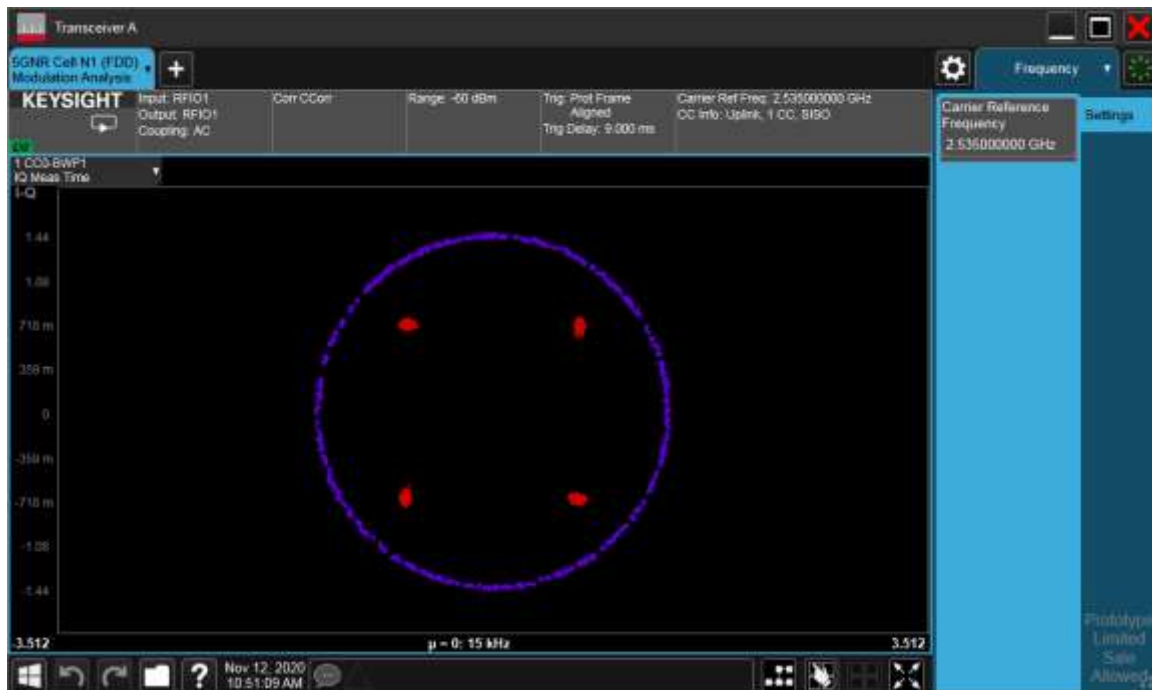
3.1.1.1 Test Mode = TM1 20MHz

3.1.1.1.1 Test Channel = MCH



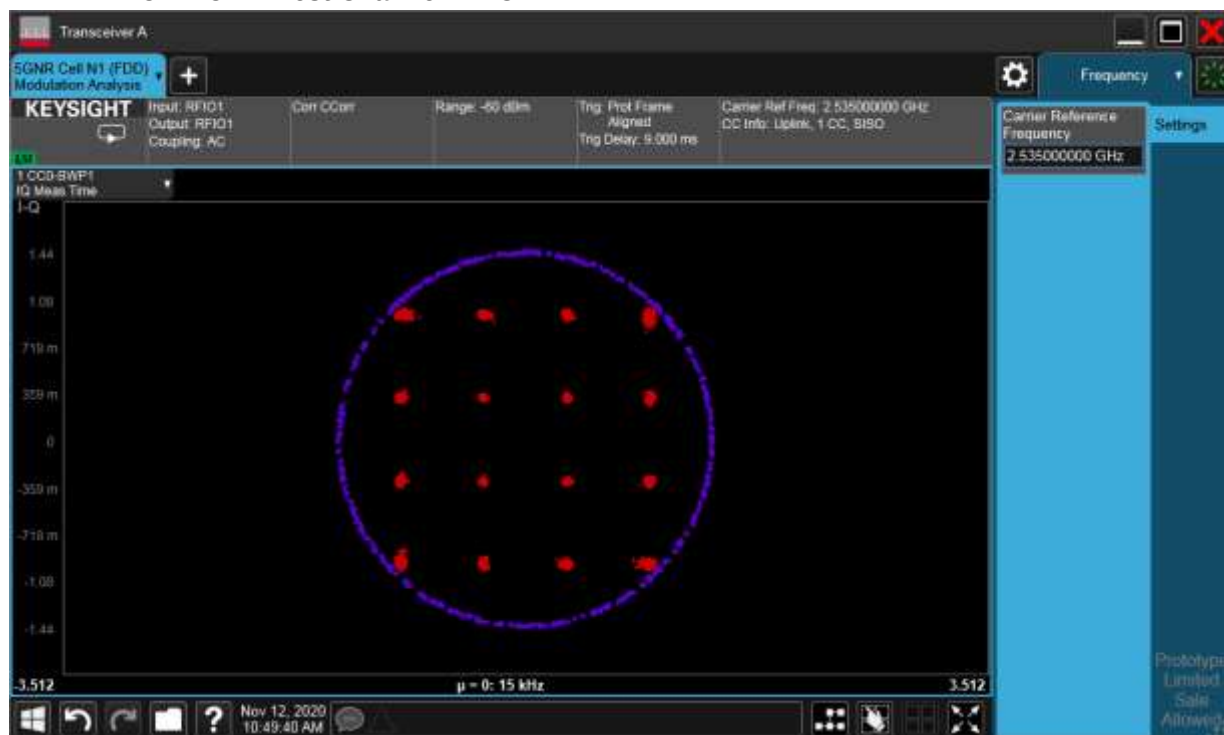
3.1.1.2 Test Mode = TM2 20MHz

3.1.1.2.1 Test Channel = MCH



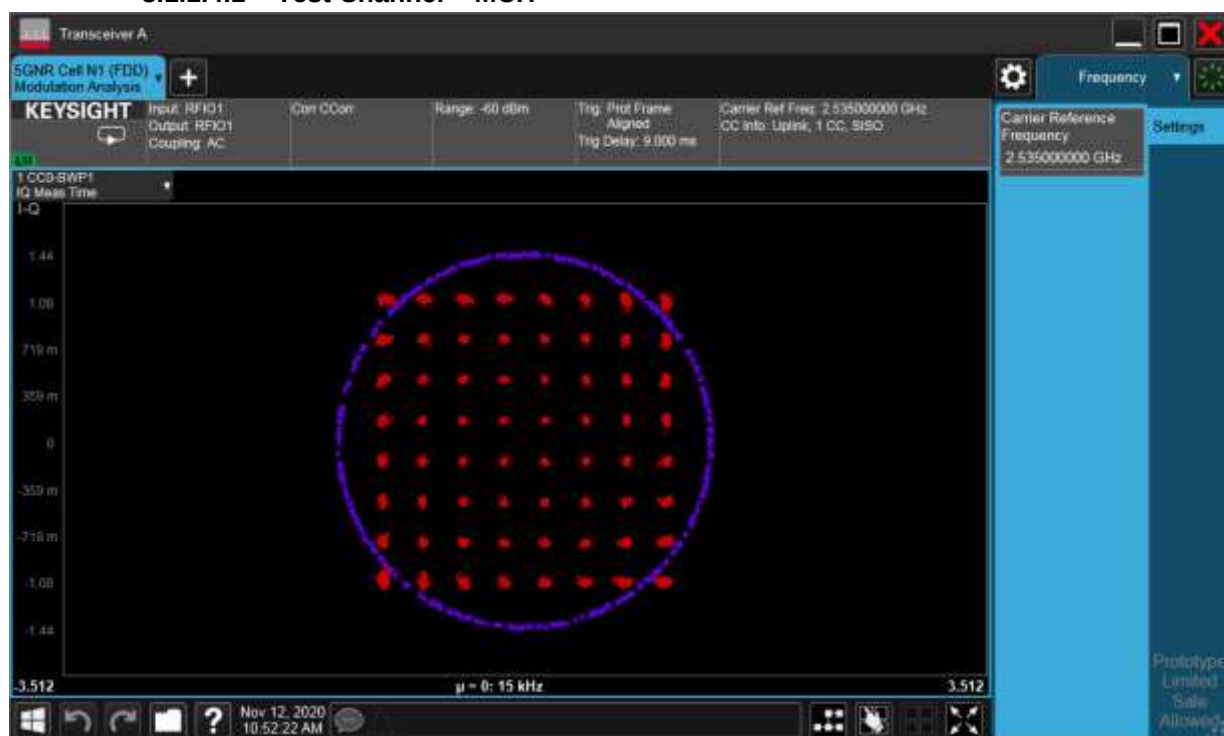
3.1.1.3 Test Mode = TM3 20MHz

3.1.1.3.1 Test Channel = MCH



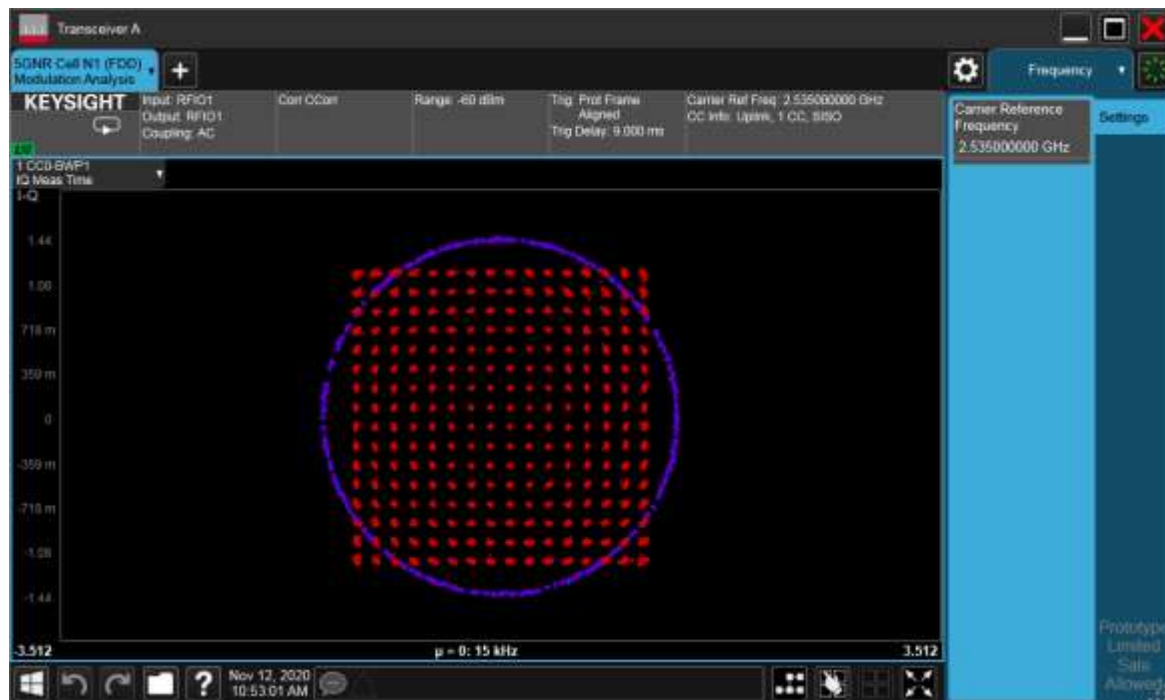
3.1.1.4 Test Mode = TM4 20MHz

3.1.1.4.1 Test Channel = MCH



3.1.1.5 Test Mode = TM5 20MHz

3.1.1.5.1 Test Channel = MCH



3.1.1.6 Test Mode = TM6 20MHz

3.1.1.6.1 Test Channel = MCH



REMARK:

- 1) All antenna and all modulation had been tested, but only the worst case data displayed in this report



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

4 Occupied Bandwidth & 26dB Emission Bandwidth

4.1 Test Results

NR Band	Bandwidth	SCS	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
N7	5MHz	15KHz	TM1	507000	Outer Full	4.47	4.79	PASS
N7	5MHz	15KHz	TM2	507000	Outer Full	4.48	4.84	PASS
N7	5MHz	15KHz	TM3	507000	Outer Full	4.49	4.86	PASS
N7	5MHz	15KHz	TM4	507000	Outer Full	4.47	4.85	PASS
N7	5MHz	15KHz	TM5	507000	Outer Full	4.46	4.83	PASS
N7	5MHz	15KHz	TM6	507000	Outer Full	4.48	5.19	PASS
N7	5MHz	15KHz	TM7	507000	Outer Full	4.47	4.93	PASS
N7	5MHz	15KHz	TM8	507000	Outer Full	4.46	4.85	PASS
N7	5MHz	15KHz	TM9	507000	Outer Full	4.47	4.83	PASS
N7	10MHz	15KHz	TM1	507000	Outer Full	8.90	9.53	PASS
N7	10MHz	15KHz	TM2	507000	Outer Full	8.91	9.52	PASS
N7	10MHz	15KHz	TM3	507000	Outer Full	8.90	9.48	PASS
N7	10MHz	15KHz	TM4	507000	Outer Full	8.88	9.45	PASS
N7	10MHz	15KHz	TM5	507000	Outer Full	8.91	9.52	PASS
N7	10MHz	15KHz	TM6	507000	Outer Full	9.31	9.85	PASS
N7	10MHz	15KHz	TM7	507000	Outer Full	9.28	10.07	PASS
N7	10MHz	15KHz	TM8	507000	Outer Full	9.28	9.79	PASS
N7	10MHz	15KHz	TM9	507000	Outer Full	9.29	9.78	PASS
N7	15MHz	15KHz	TM1	507000	Outer Full	13.40	14.28	PASS
N7	15MHz	15KHz	TM2	507000	Outer Full	13.39	14.32	PASS
N7	15MHz	15KHz	TM3	507000	Outer Full	13.38	14.34	PASS
N7	15MHz	15KHz	TM4	507000	Outer Full	13.39	14.02	PASS
N7	15MHz	15KHz	TM5	507000	Outer Full	13.37	14.21	PASS
N7	15MHz	15KHz	TM6	507000	Outer Full	14.09	14.85	PASS
N7	15MHz	15KHz	TM7	507000	Outer Full	14.08	14.83	PASS
N7	15MHz	15KHz	TM8	507000	Outer Full	14.01	14.82	PASS
N7	15MHz	15KHz	TM9	507000	Outer Full	14.08	14.70	PASS
N7	20MHz	15KHz	TM1	507000	Outer Full	17.91	19.05	PASS
N7	20MHz	15KHz	TM2	507000	Outer Full	17.81	19.69	PASS
N7	20MHz	15KHz	TM3	507000	Outer Full	17.82	18.86	PASS
N7	20MHz	15KHz	TM4	507000	Outer Full	17.81	18.91	PASS
N7	20MHz	15KHz	TM5	507000	Outer Full	17.89	19.04	PASS
N7	20MHz	15KHz	TM6	507000	Outer Full	18.90	19.98	PASS
N7	20MHz	15KHz	TM7	507000	Outer Full	18.90	19.83	PASS
N7	20MHz	15KHz	TM8	507000	Outer Full	18.89	19.92	PASS
N7	20MHz	15KHz	TM9	507000	Outer Full	18.97	19.92	PASS
N7	10MHz	30KHz	TM1	507000	Outer Full	8.55	9.27	PASS



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMA, CNAS) 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 <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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

N7	10MHz	30KHz	TM2	507000	Outer Full	8.56	9.17	PASS
N7	10MHz	30KHz	TM3	507000	Outer Full	8.59	9.30	PASS
N7	10MHz	30KHz	TM4	507000	Outer Full	8.57	9.26	PASS
N7	10MHz	30KHz	TM5	507000	Outer Full	8.60	9.26	PASS
N7	10MHz	30KHz	TM6	507000	Outer Full	8.59	9.20	PASS
N7	10MHz	30KHz	TM7	507000	Outer Full	8.59	9.34	PASS
N7	10MHz	30KHz	TM8	507000	Outer Full	8.62	9.55	PASS
N7	10MHz	30KHz	TM9	507000	Outer Full	8.57	9.35	PASS
N7	15MHz	30KHz	TM1	507000	Outer Full	12.89	13.75	PASS
N7	15MHz	30KHz	TM2	507000	Outer Full	12.84	13.95	PASS
N7	15MHz	30KHz	TM3	507000	Outer Full	12.81	13.86	PASS
N7	15MHz	30KHz	TM4	507000	Outer Full	12.83	13.76	PASS
N7	15MHz	30KHz	TM5	507000	Outer Full	12.83	13.81	PASS
N7	15MHz	30KHz	TM6	507000	Outer Full	13.56	14.62	PASS
N7	15MHz	30KHz	TM7	507000	Outer Full	13.59	14.53	PASS
N7	15MHz	30KHz	TM8	507000	Outer Full	13.55	14.39	PASS
N7	15MHz	30KHz	TM9	507000	Outer Full	13.53	14.41	PASS
N7	20MHz	30KHz	TM1	507000	Outer Full	17.79	18.97	PASS
N7	20MHz	30KHz	TM2	507000	Outer Full	17.74	18.84	PASS
N7	20MHz	30KHz	TM3	507000	Outer Full	17.81	18.98	PASS
N7	20MHz	30KHz	TM4	507000	Outer Full	17.75	18.87	PASS
N7	20MHz	30KHz	TM5	507000	Outer Full	17.79	18.81	PASS
N7	20MHz	30KHz	TM6	507000	Outer Full	18.18	19.41	PASS
N7	20MHz	30KHz	TM7	507000	Outer Full	17.78	18.83	PASS
N7	20MHz	30KHz	TM8	507000	Outer Full	17.78	18.83	PASS
N7	20MHz	30KHz	TM9	507000	Outer Full	17.78	18.93	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

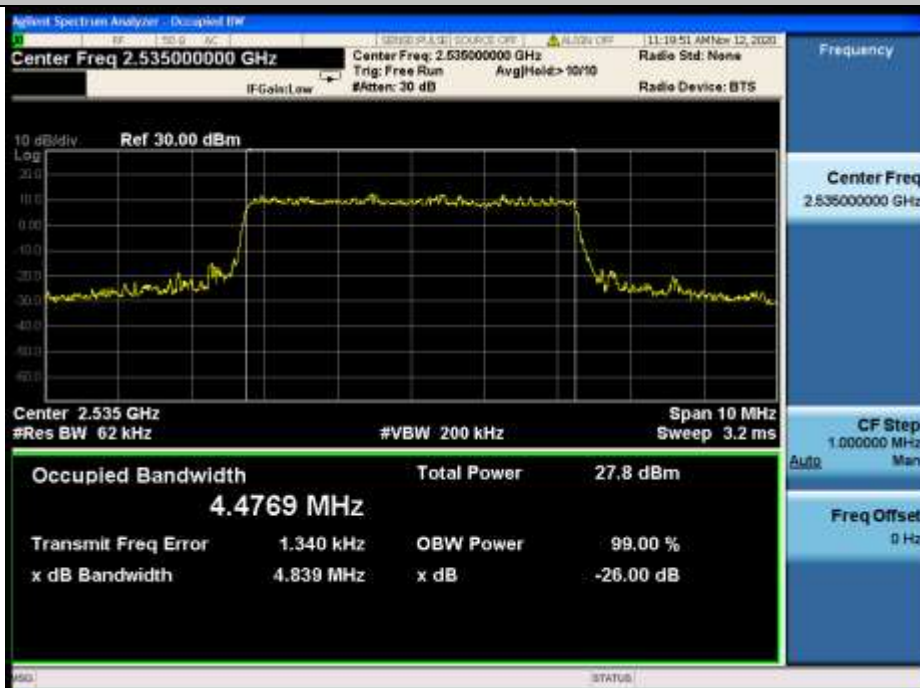
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 | (86-755) 26710594 | www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 | (86-755) 26710594 | sgs.china@sgs.com

4.2 Test Plots

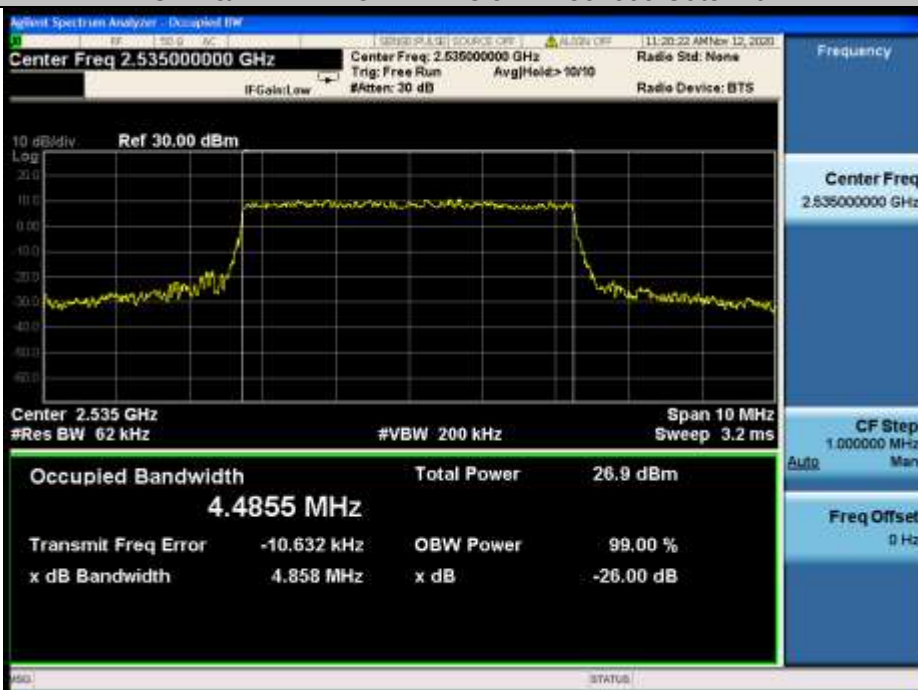
OBW&EBW N7 15KHz TM1 5MHz 507000 Outer Full



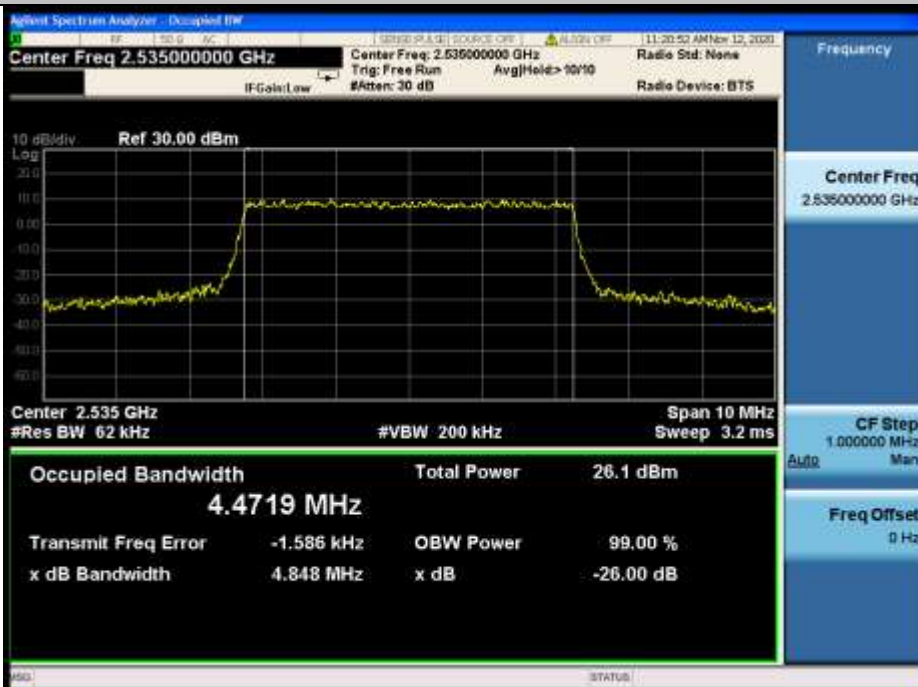
OBW&EBW N7 15KHz TM2 5MHz 507000 Outer Full



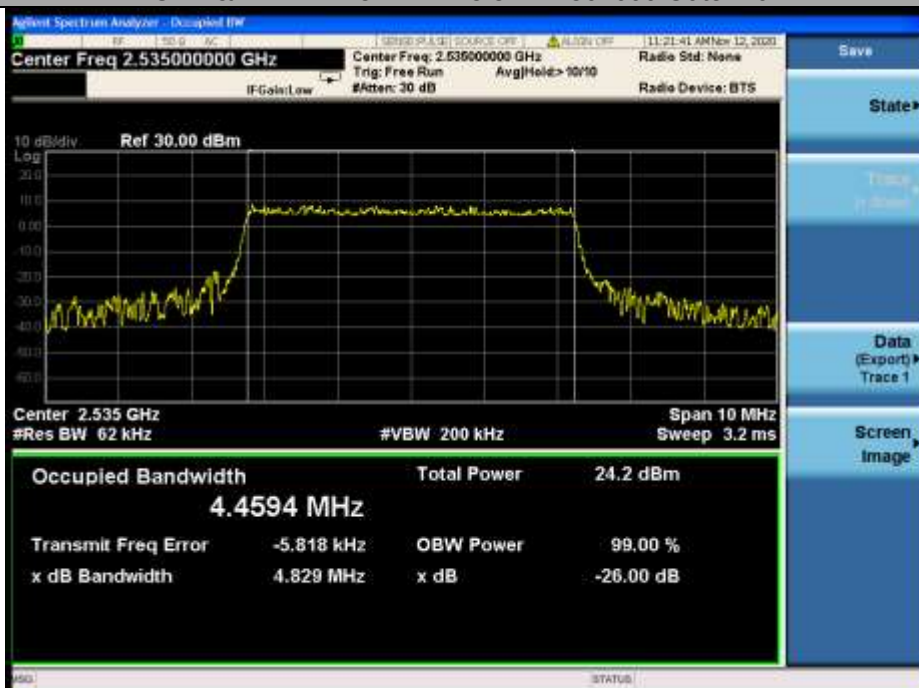
OBW&EBW N7 15KHz TM3 5MHz 507000 Outer Full



OBW&EBW N7 15KHz TM4 5MHz 507000 Outer Full



OBW&EBW N7 15KHz TM5 5MHz 507000 Outer Full



OBW&EBW N7 15KHz TM6 5MHz 507000 Outer Full



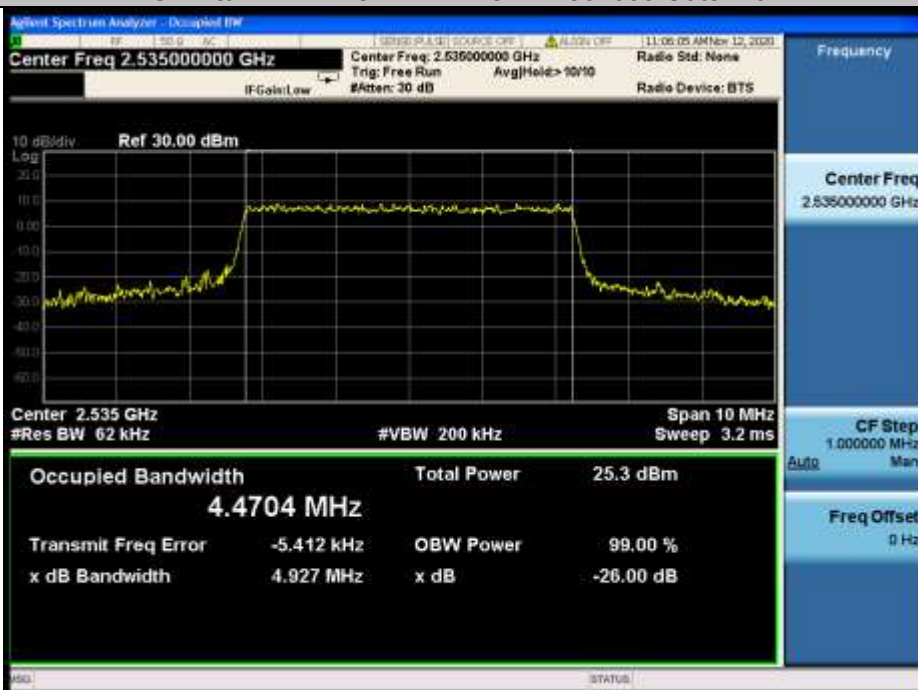
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

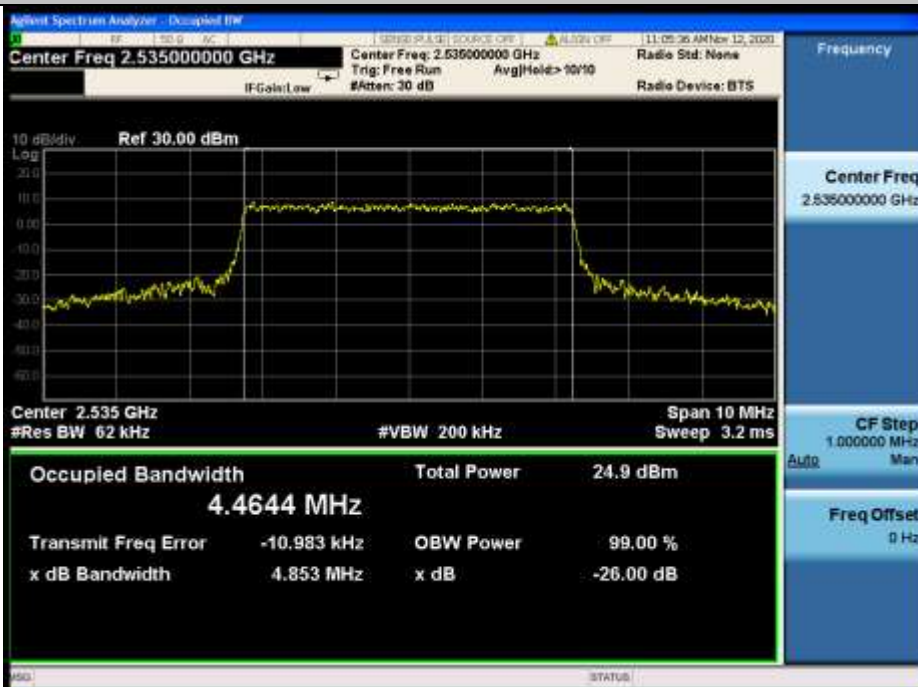
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com

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

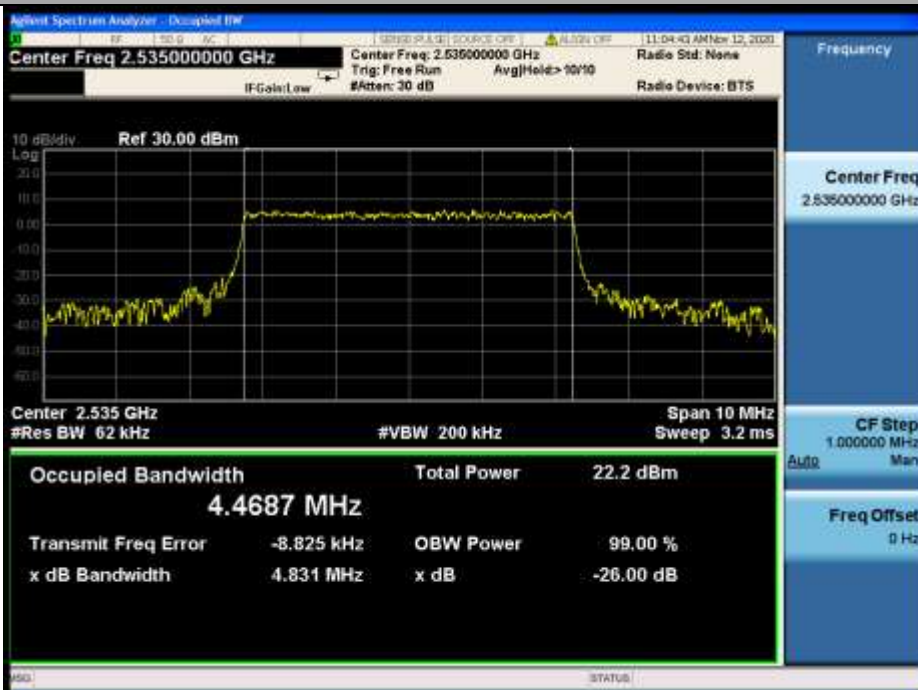
OBW&EBW N7 15KHz TM7 5MHz 507000 Outer Full



OBW&EBW N7 15KHz TM8 5MHz 507000 Outer Full



OBW&EBW N7 15KHz TM9 5MHz 507000 Outer Full



OBW&EBW N7 15KHz TM1 10MHz 507000 Outer Full



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

OBW&EBW N7 15KHz TM2 10MHz 507000 Outer Full



OBW&EBW N7 15KHz TM3 10MHz 507000 Outer Full



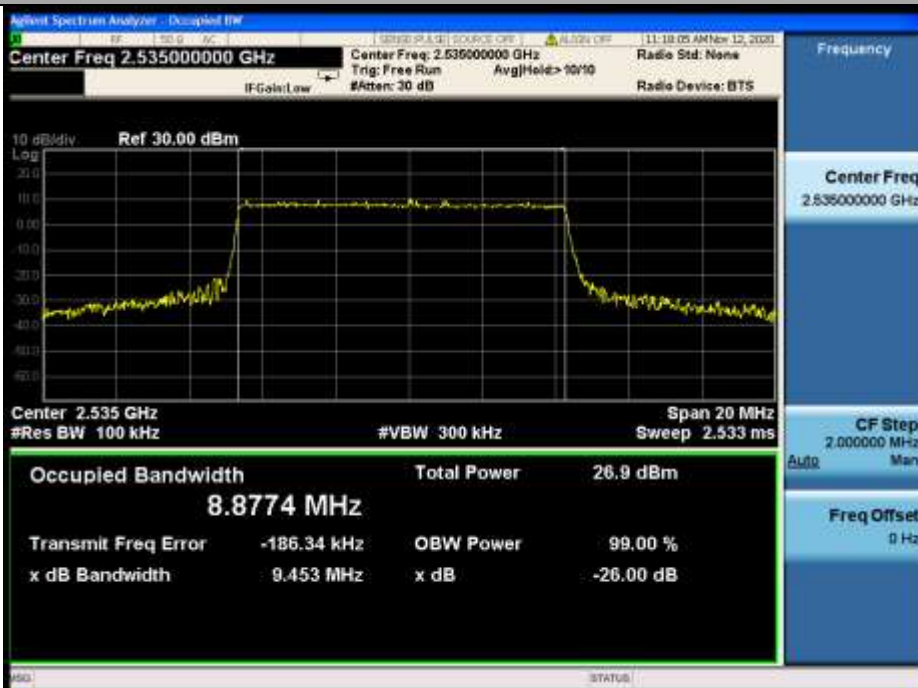
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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) 8367 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 | (86-755) 26012053 | (86-755) 26710594 | www.sgs.com
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 | (86-755) 26710594 | sgs.china@sgs.com

OBW&EBW N7 15KHz TM4 10MHz 507000 Outer Full



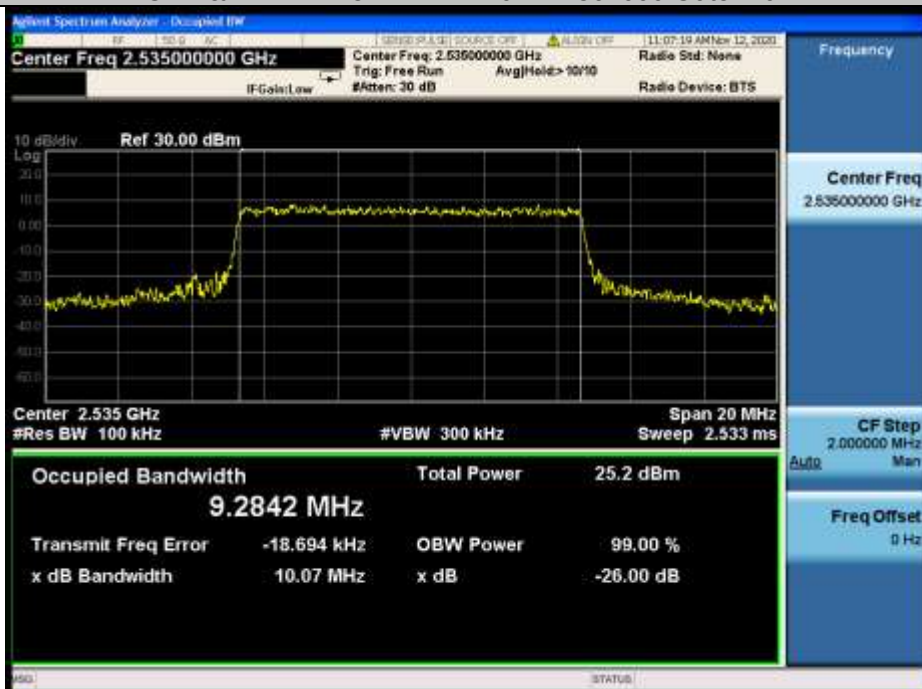
OBW&EBW N7 15KHz TM5 10MHz 507000 Outer Full



OBW&EBW N7 15KHz TM6 10MHz 507000 Outer Full



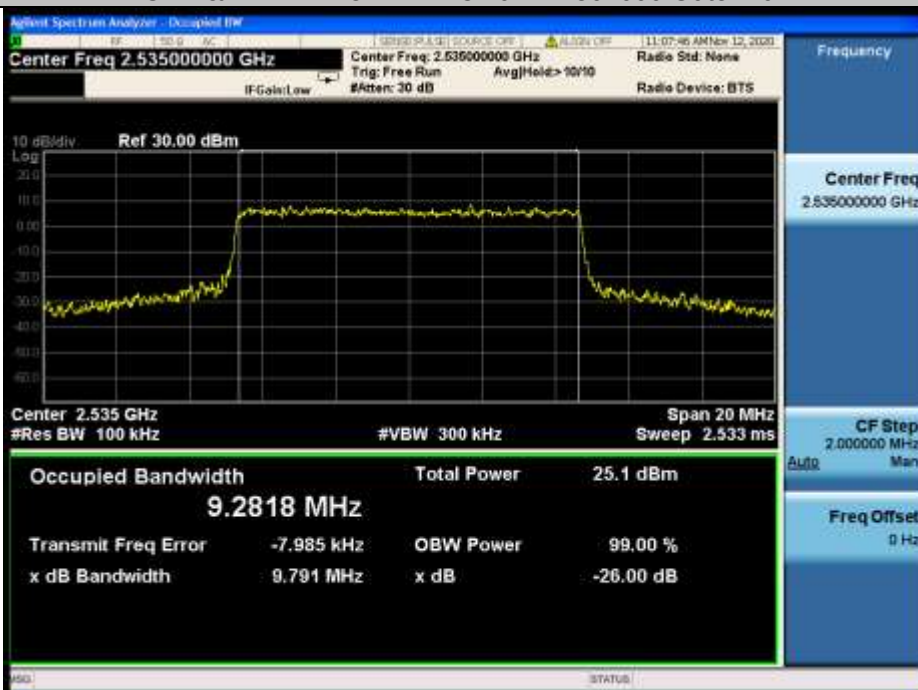
OBW&EBW N7 15KHz TM7 10MHz 507000 Outer Full



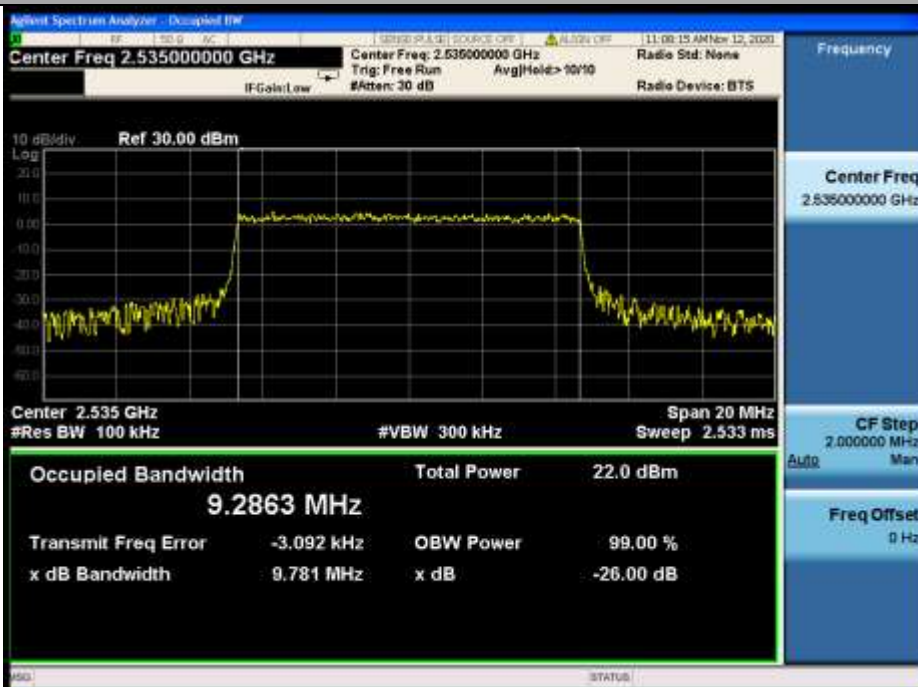
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

OBW&EBW N7 15KHz TM8 10MHz 507000 Outer Full



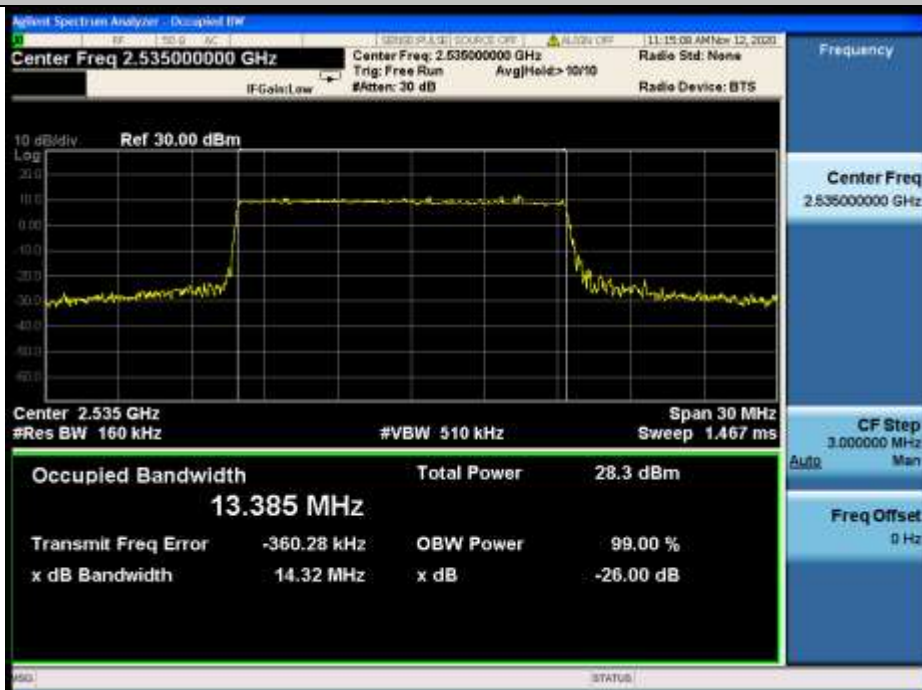
OBW&EBW N7 15KHz TM9 10MHz 507000 Outer Full



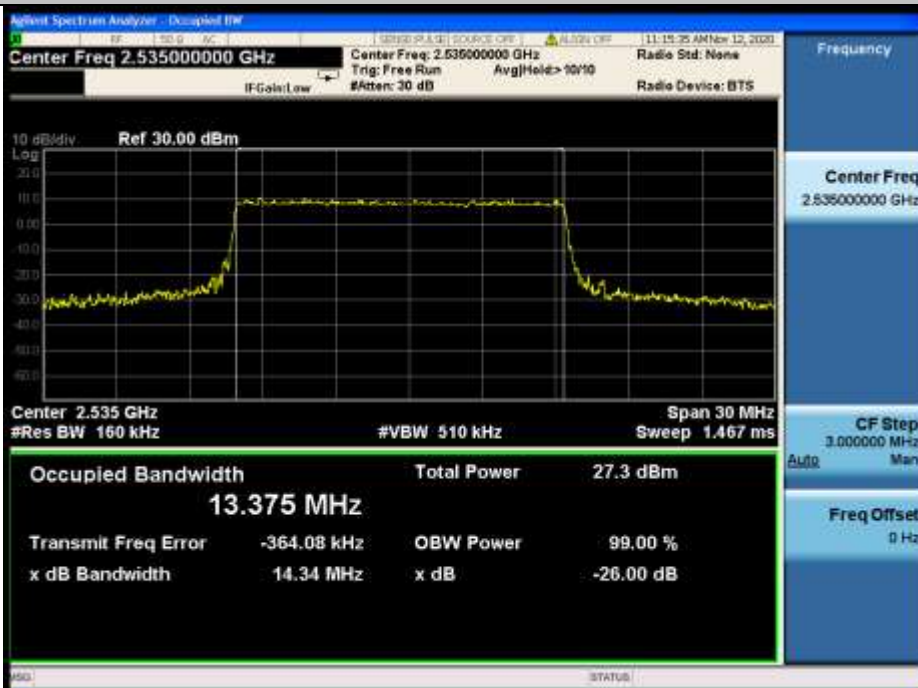
OBW&EBW N7 15KHz TM1 15MHz 507000 Outer Full



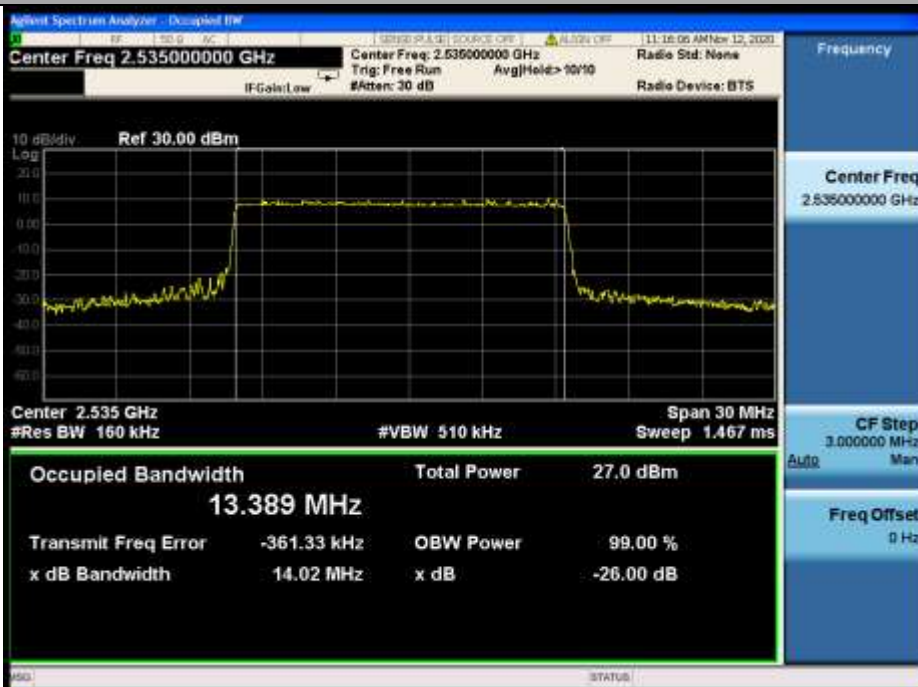
OBW&EBW N7 15KHz TM2 15MHz 507000 Outer Full



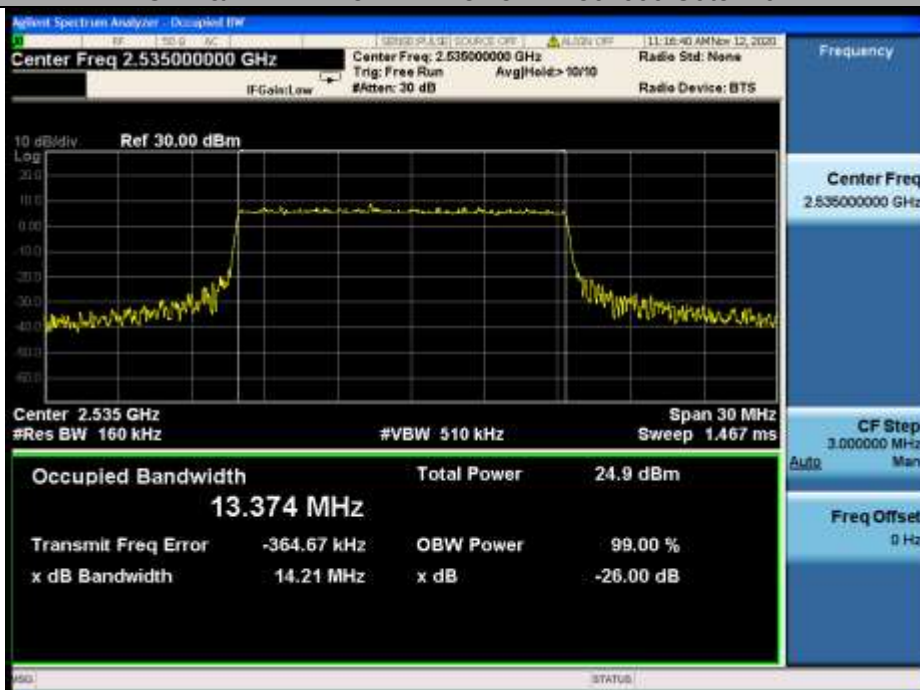
OBW&EBW N7 15KHz TM3 15MHz 507000 Outer Full



OBW&EBW N7 15KHz TM4 15MHz 507000 Outer Full



OBW&EBW N7 15KHz TM5 15MHz 507000 Outer Full



OBW&EBW N7 15KHz TM6 15MHz 507000 Outer Full



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

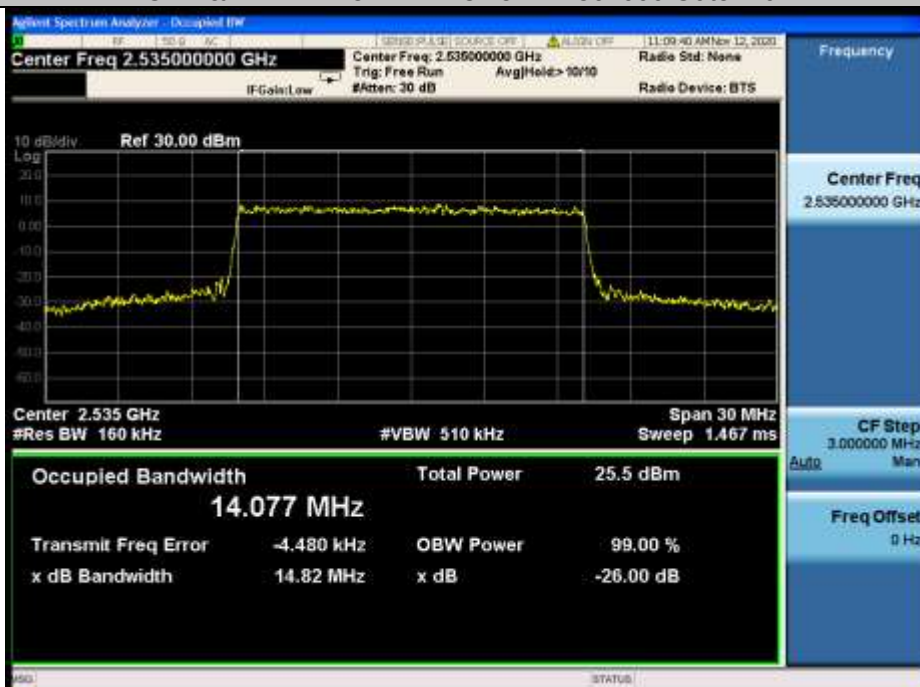
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Inspection & Testing Services)

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

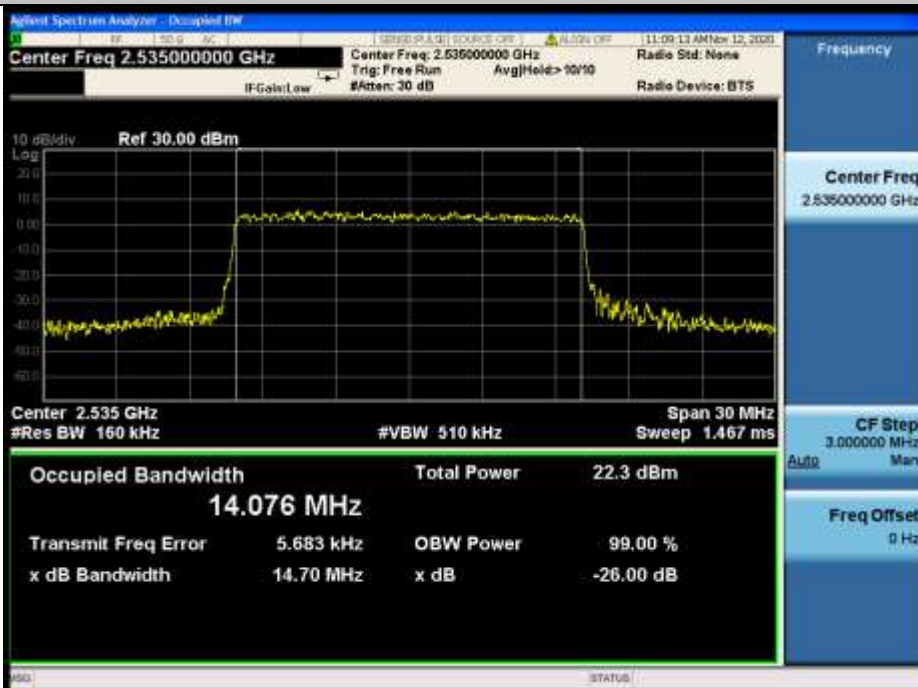
OBW&EBW N7 15KHz TM7 15MHz 507000 Outer Full



OBW&EBW N7 15KHz TM8 15MHz 507000 Outer Full



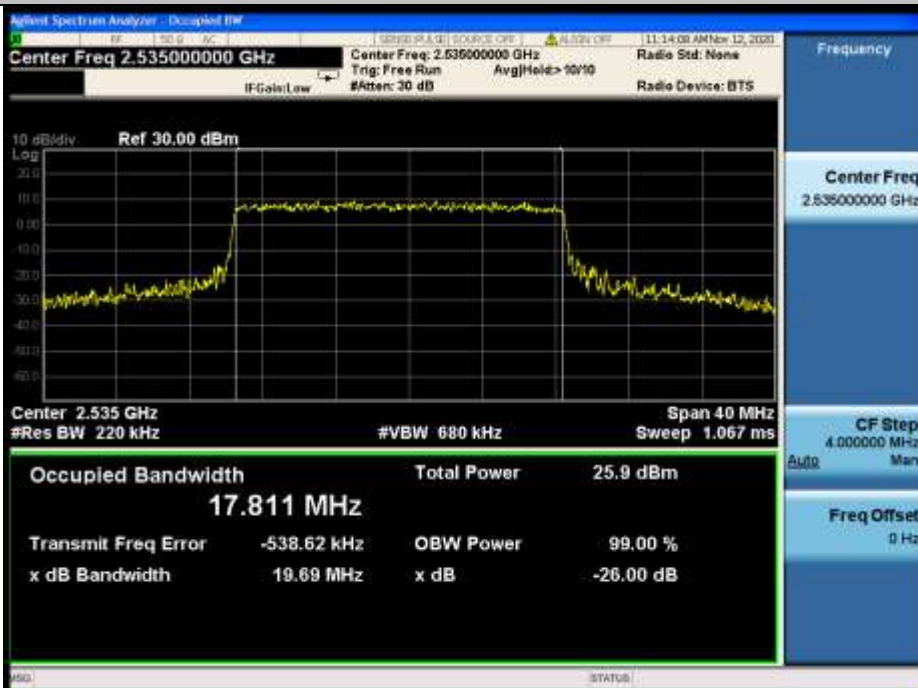
OBW&EBW N7 15KHz TM9 15MHz 507000 Outer Full



OBW&EBW N7 15KHz TM1 20MHz 507000 Outer Full



OBW&EBW N7 15KHz TM2 20MHz 507000 Outer Full



OBW&EBW N7 15KHz TM3 20MHz 507000 Outer Full



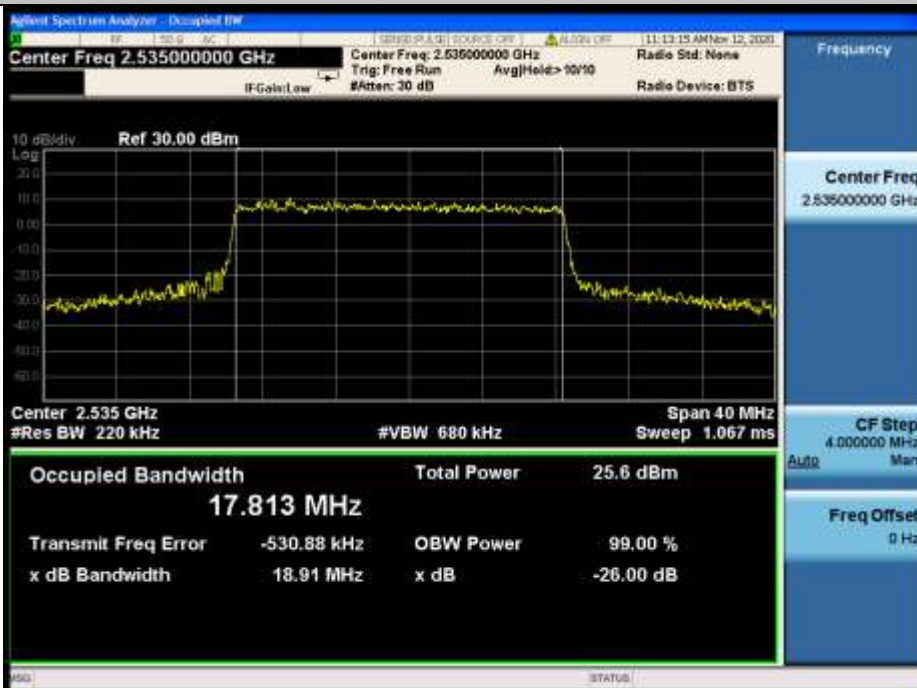
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

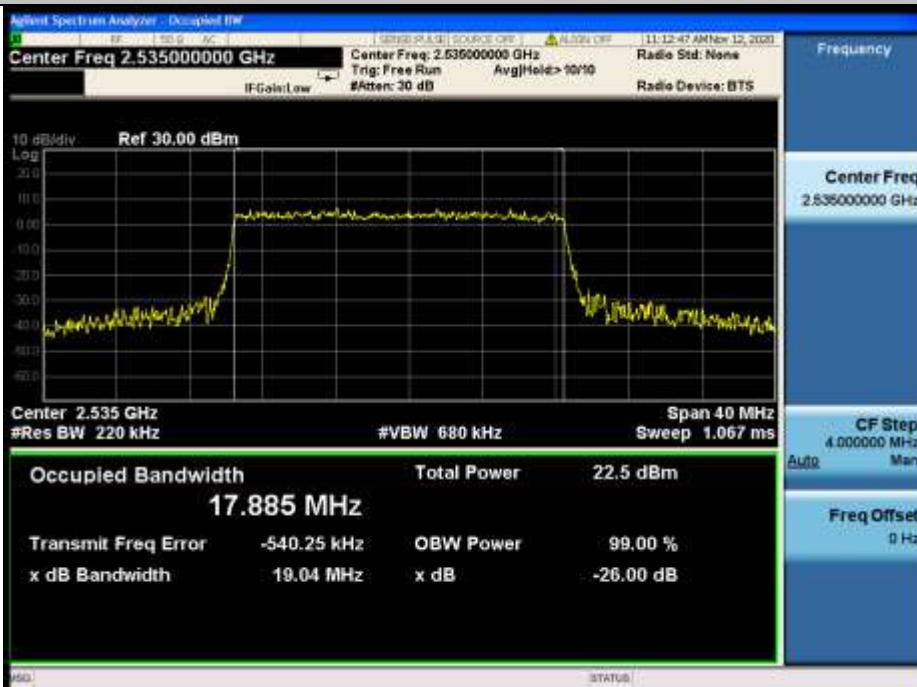
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (China SGS) Laboratory

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

OBW&EBW N7 15KHz TM4 20MHz 507000 Outer Full



OBW&EBW N7 15KHz TM5 20MHz 507000 Outer Full



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 | (86-755) 26710594 | www.sgs.com

中国·深圳·科技园中区M-10栋一号厂房 | 邮编: 518057 | (86-755) 26012053 | (86-755) 26710594 | sgs.china@sgs.com

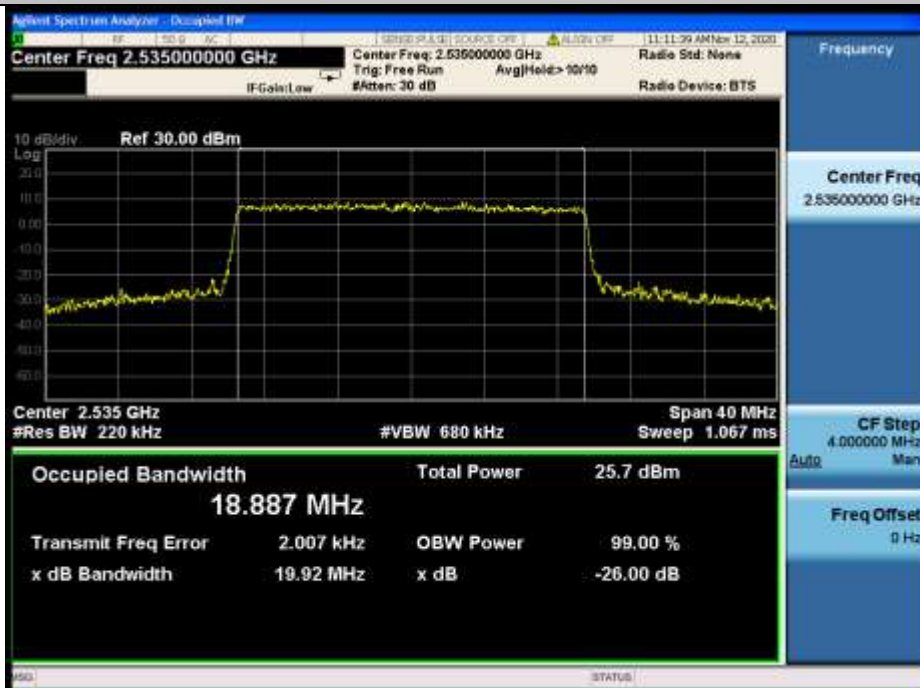
OBW&EBW N7 15KHz TM6 20MHz 507000 Outer Full



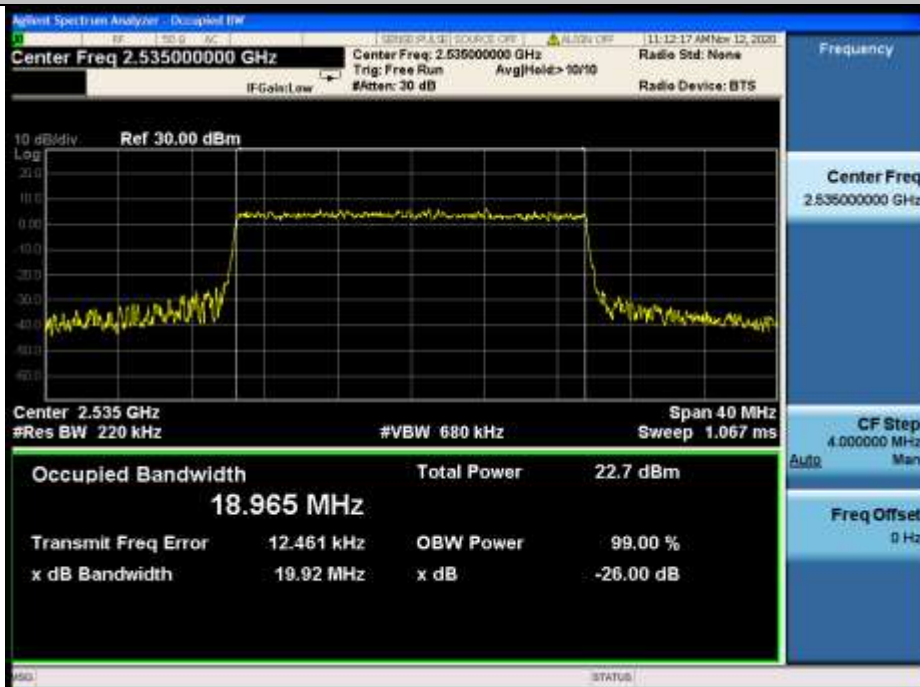
OBW&EBW N7 15KHz TM7 20MHz 507000 Outer Full



OBW&EBW N7 15KHz TM8 20MHz 507000 Outer Full



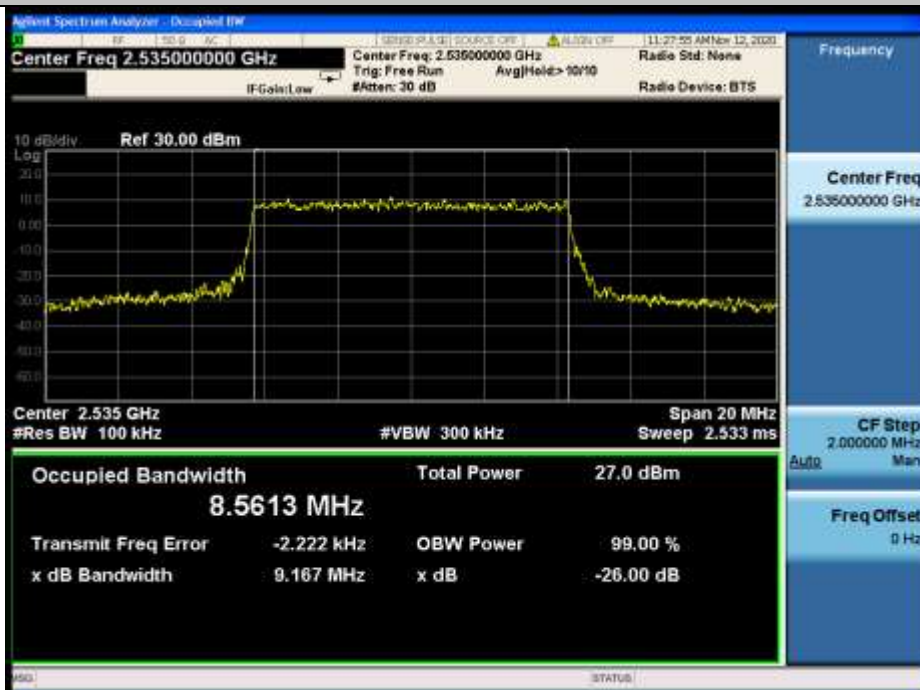
OBW&EBW N7 15KHz TM9 20MHz 507000 Outer Full



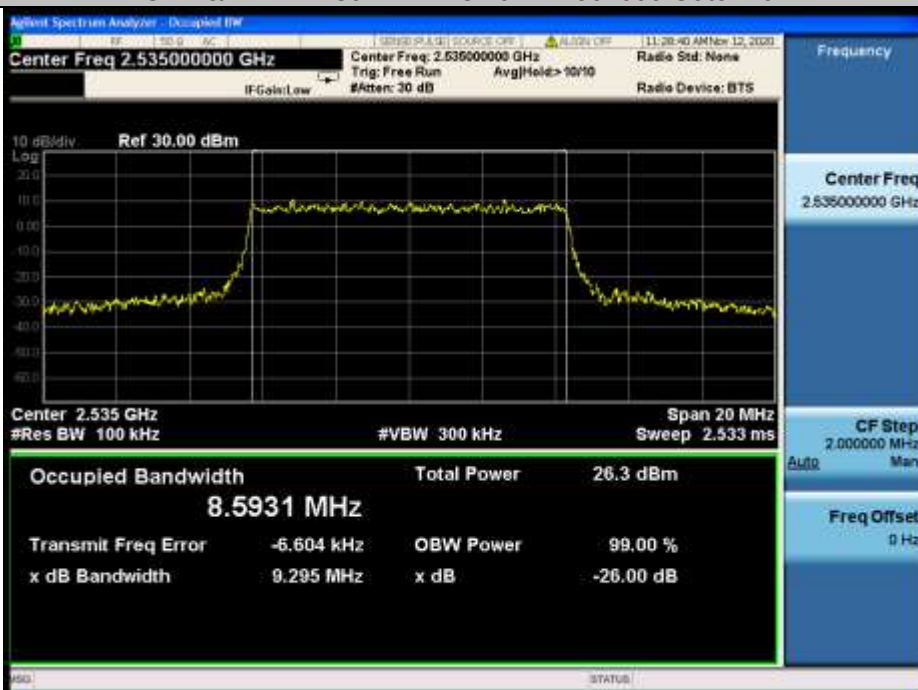
OBW&EBW N7 30KHz TM1 10MHz 507000 Outer Full



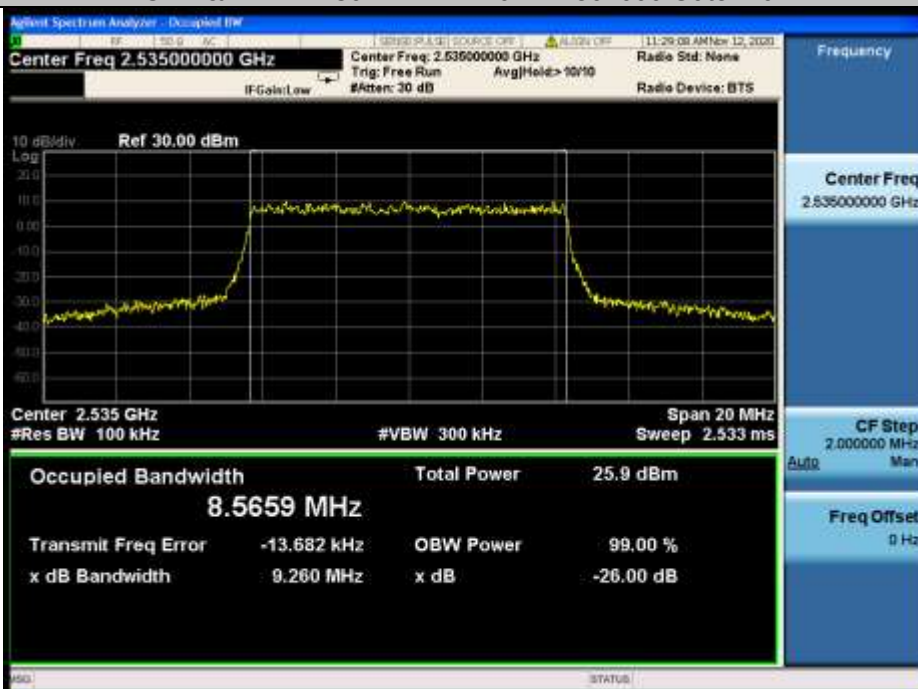
OBW&EBW N7 30KHz TM2 10MHz 507000 Outer Full



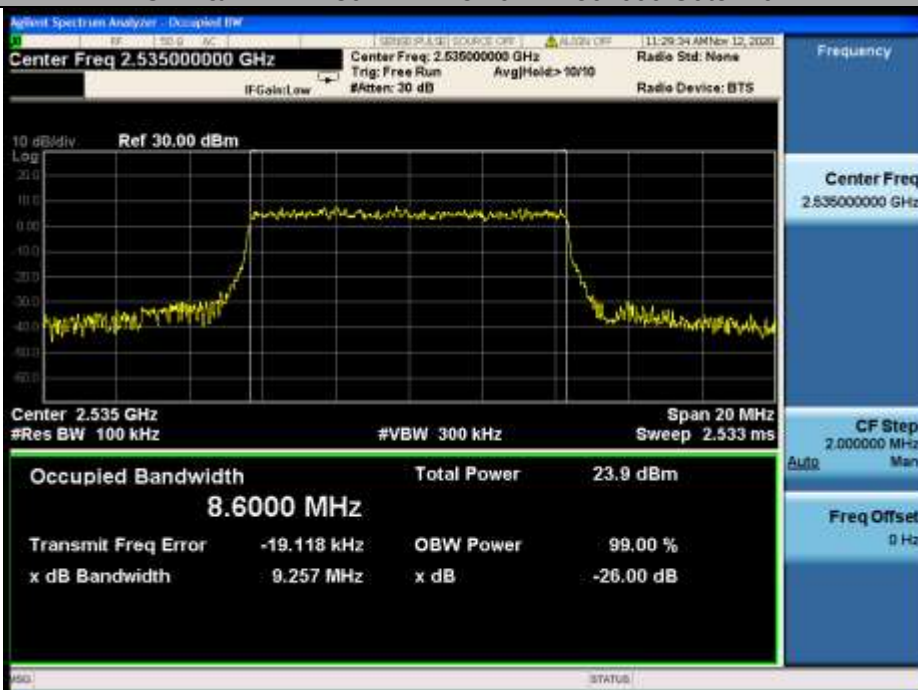
OBW&EBW N7 30KHz TM3 10MHz 507000 Outer Full



OBW&EBW N7 30KHz TM4 10MHz 507000 Outer Full



OBW&EBW N7 30KHz TM5 10MHz 507000 Outer Full



OBW&EBW N7 30KHz TM6 10MHz 507000 Outer Full



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

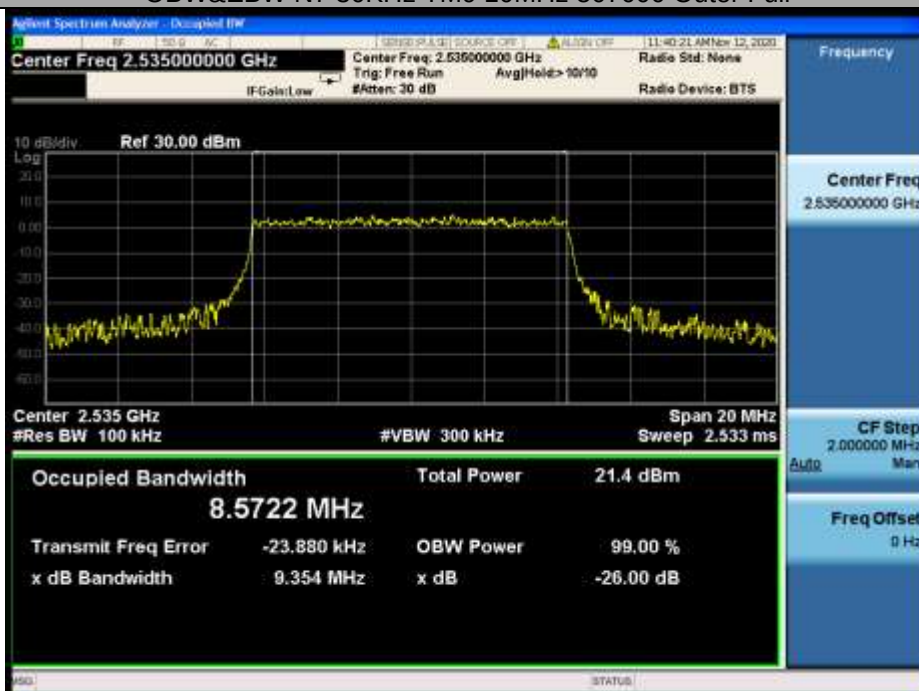
OBW&EBW N7 30KHz TM7 10MHz 507000 Outer Full



OBW&EBW N7 30KHz TM8 10MHz 507000 Outer Full



OBW&EBW N7 30KHz TM9 10MHz 507000 Outer Full



OBW&EBW N7 30KHz TM1 15MHz 507000 Outer Full



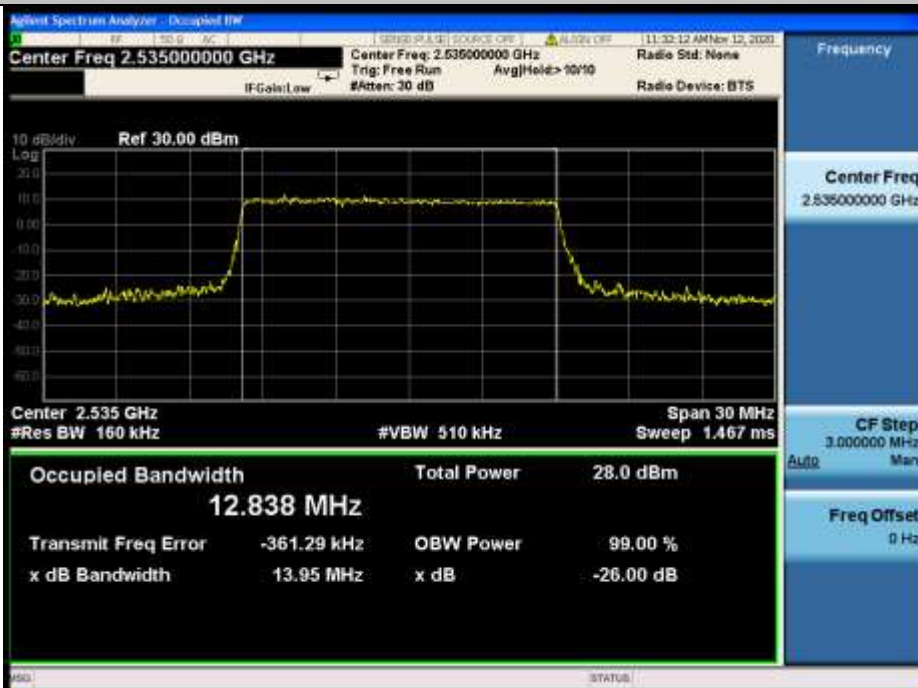
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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

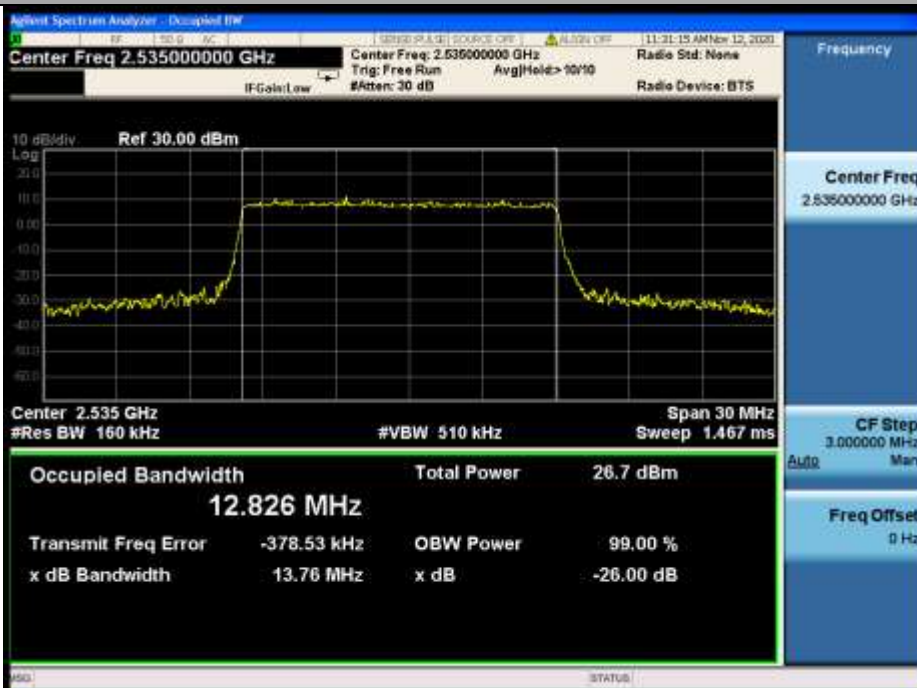
OBW&EBW N7 30KHz TM2 15MHz 507000 Outer Full



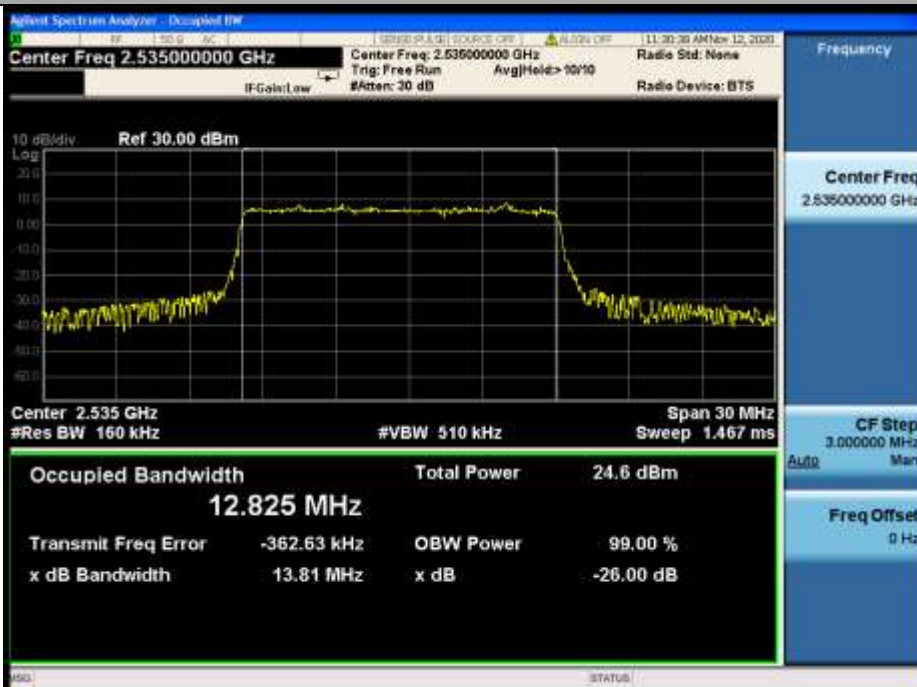
OBW&EBW N7 30KHz TM3 15MHz 507000 Outer Full



OBW&EBW N7 30KHz TM4 15MHz 507000 Outer Full



OBW&EBW N7 30KHz TM5 15MHz 507000 Outer Full



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

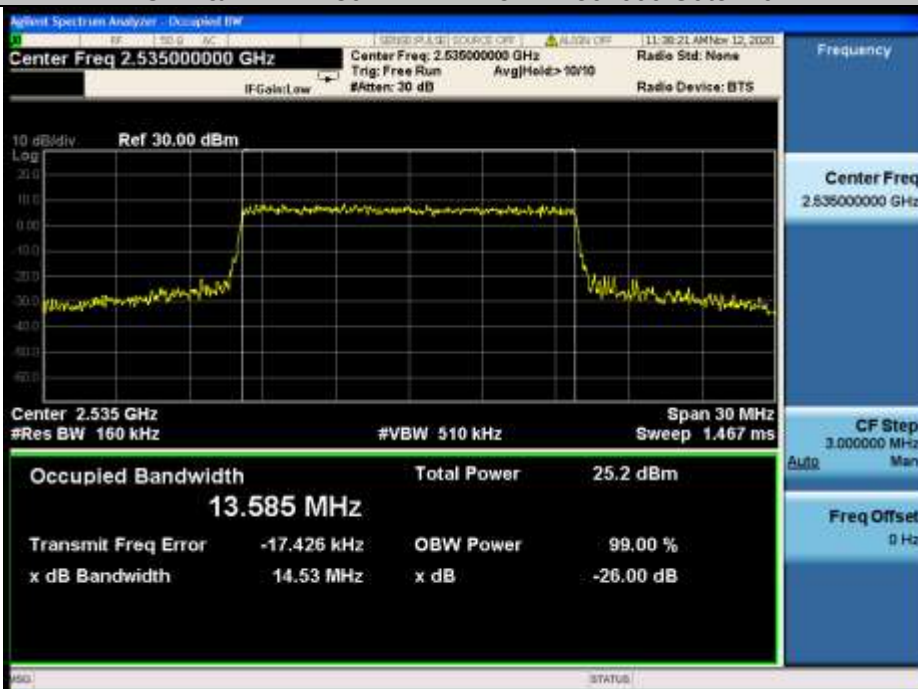
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (China) Laboratory

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

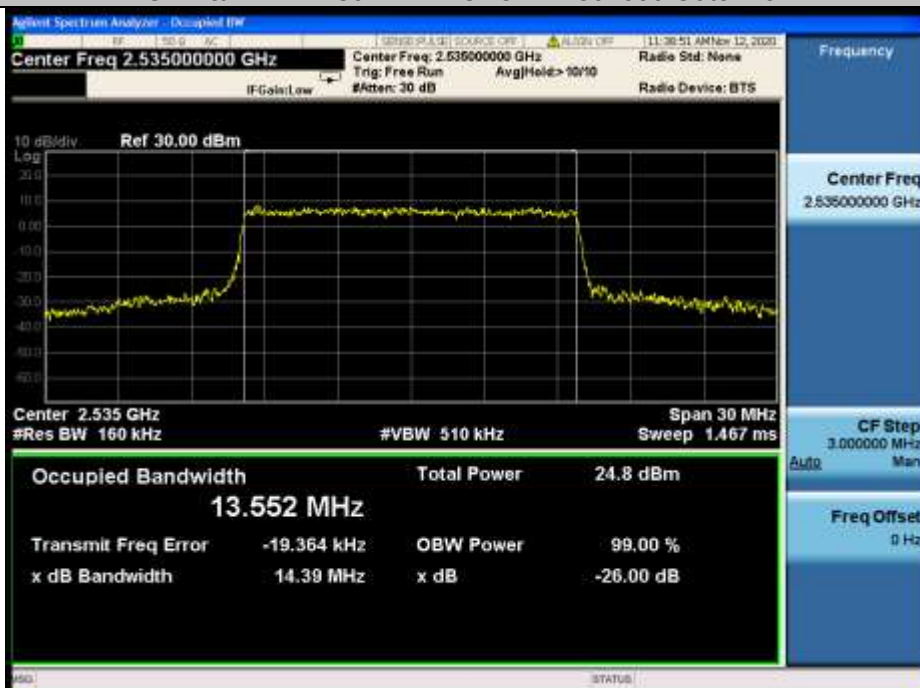
OBW&EBW N7 30KHz TM6 15MHz 507000 Outer Full



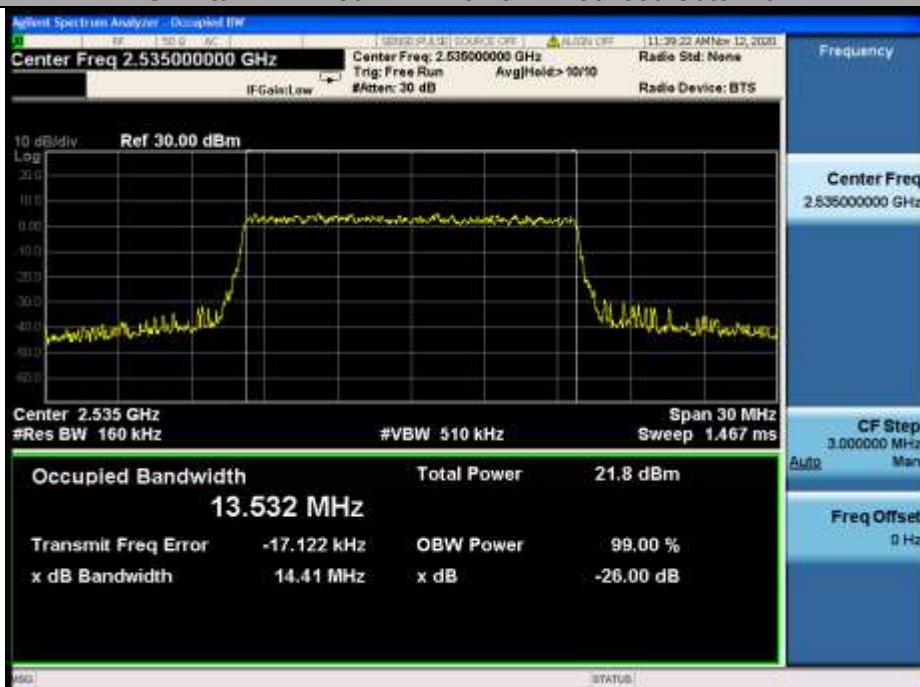
OBW&EBW N7 30KHz TM7 15MHz 507000 Outer Full



OBW&EBW N7 30KHz TM8 15MHz 507000 Outer Full



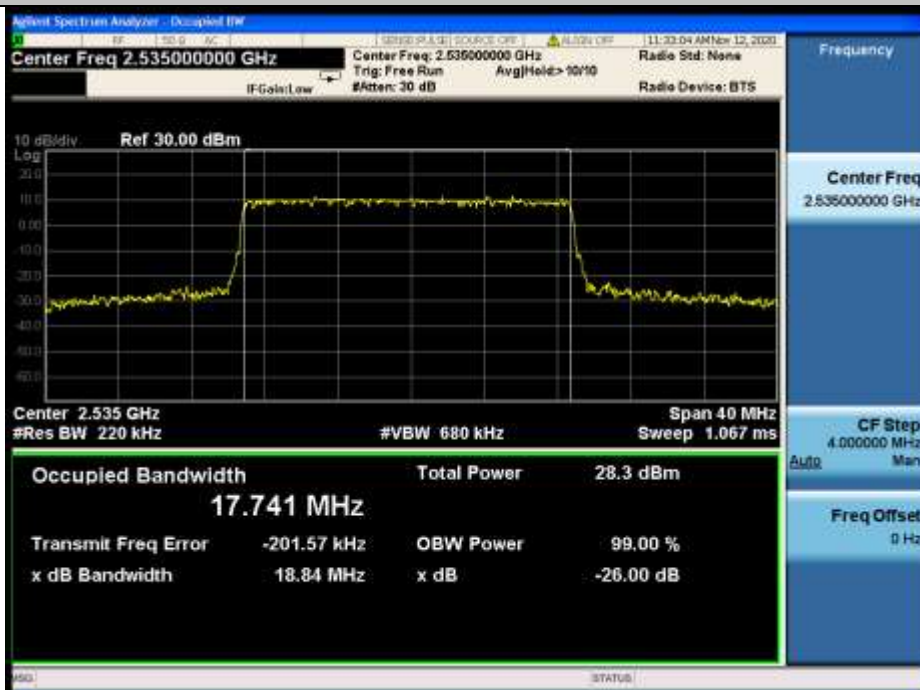
OBW&EBW N7 30KHz TM9 15MHz 507000 Outer Full



OBW&EBW N7 30KHz TM1 20MHz 507000 Outer Full



OBW&EBW N7 30KHz TM2 20MHz 507000 Outer Full



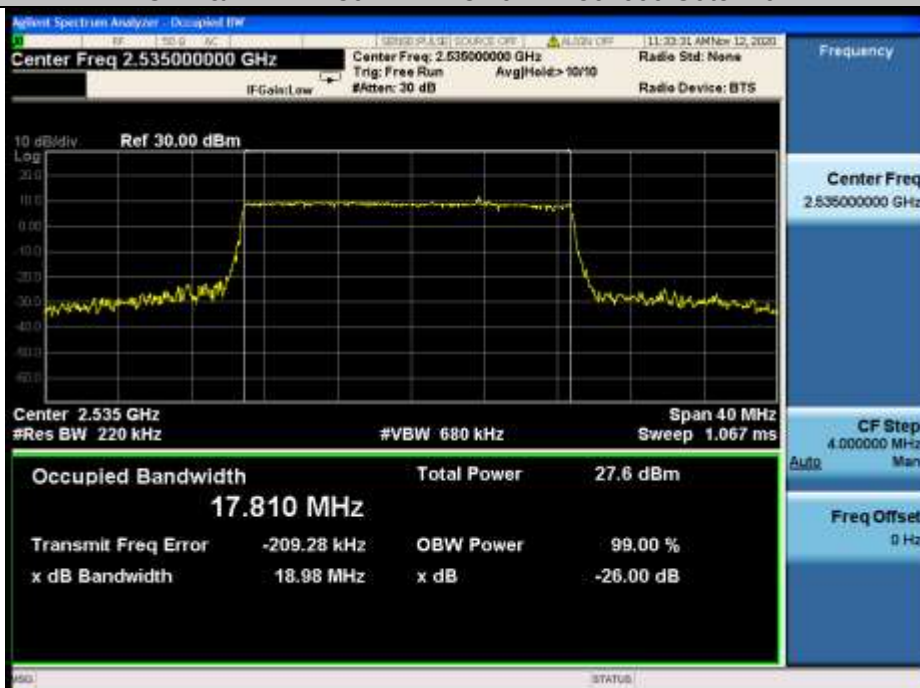
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

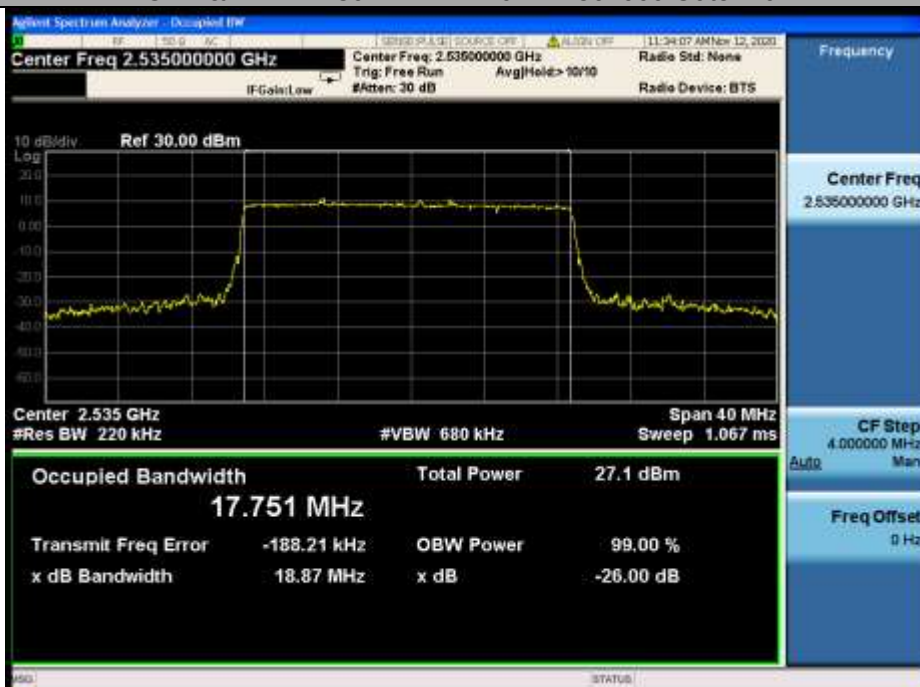
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 T (86-755) 26012053 F (86-755) 26710594 www.sgs.com

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

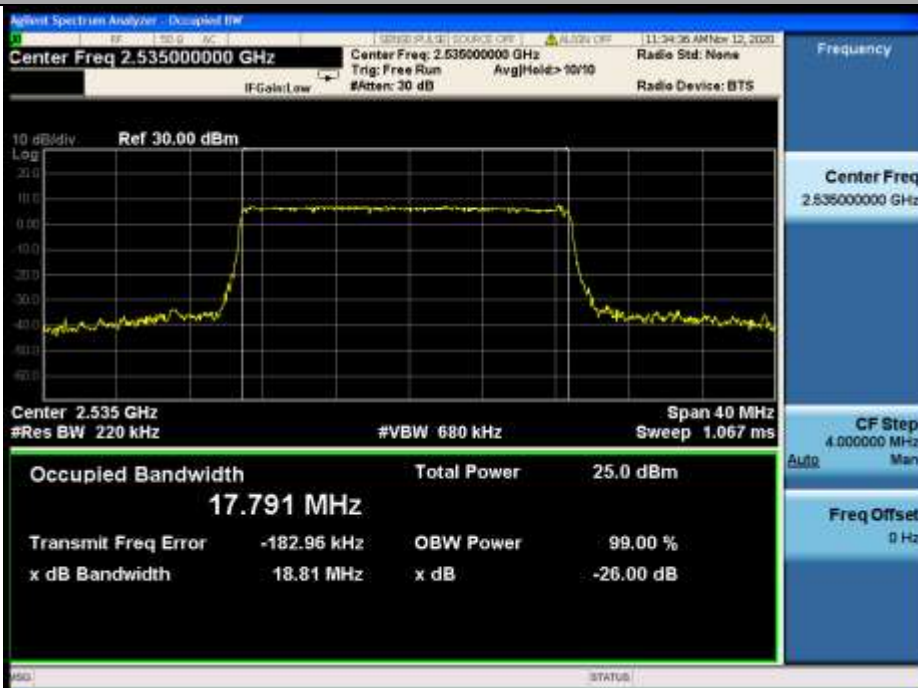
OBW&EBW N7 30KHz TM3 20MHz 507000 Outer Full



OBW&EBW N7 30KHz TM4 20MHz 507000 Outer Full



OBW&EBW N7 30KHz TM5 20MHz 507000 Outer Full



OBW&EBW N7 30KHz TM6 20MHz 507000 Outer Full



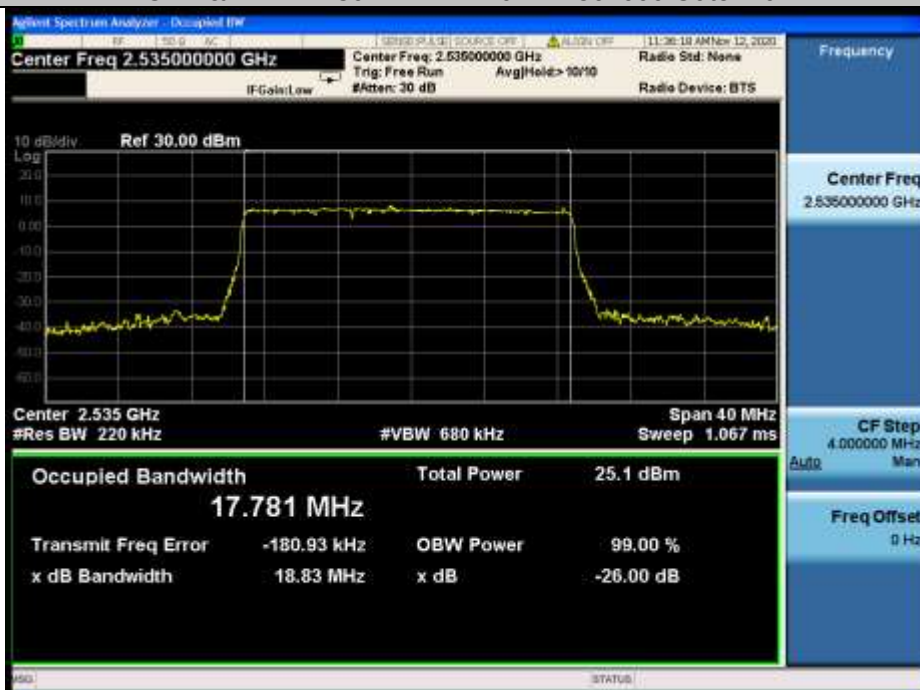
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

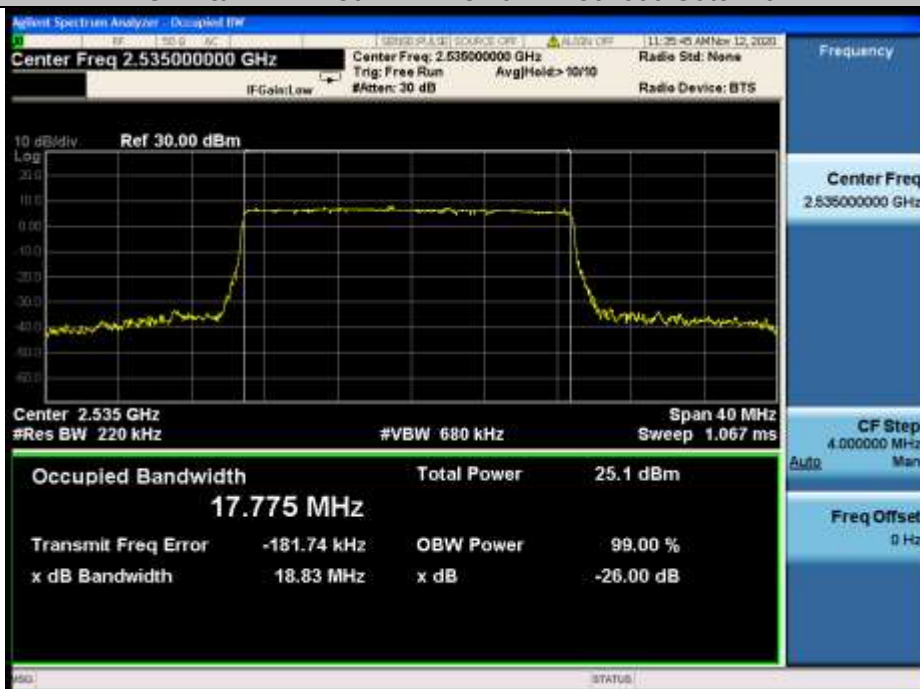
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (China) (SGS) Laboratory

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

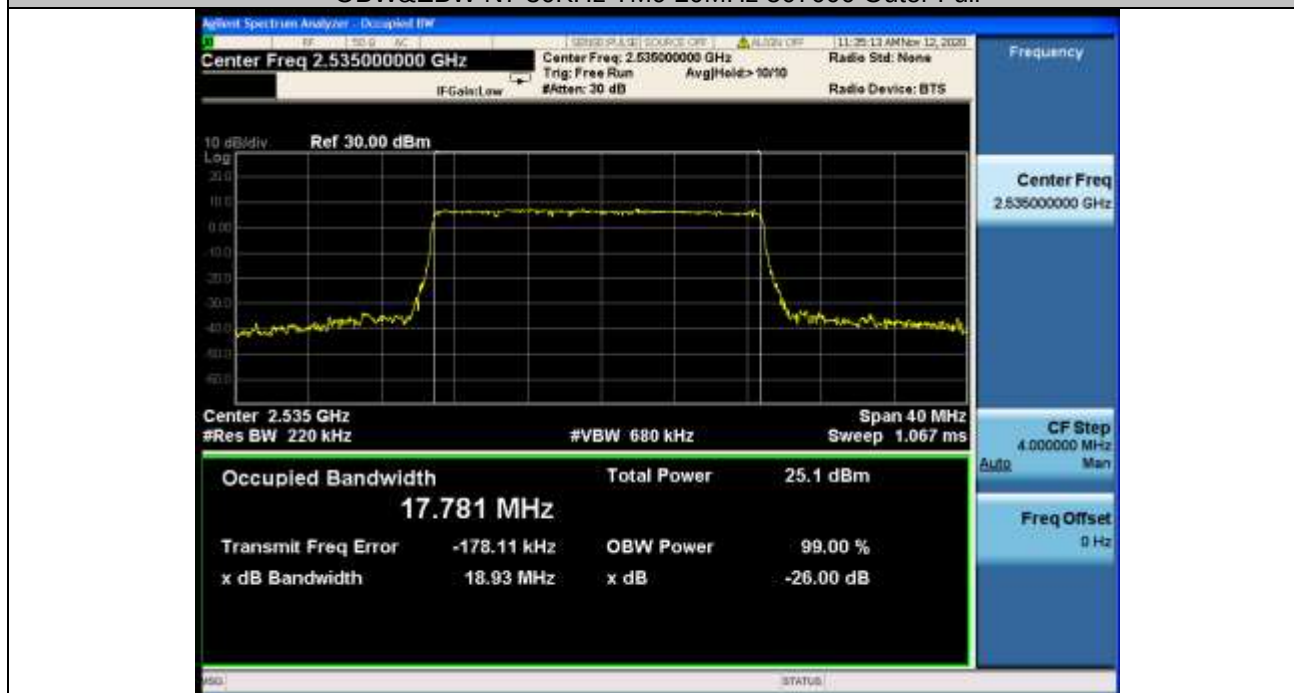
OBW&EBW N7 30KHz TM7 20MHz 507000 Outer Full



OBW&EBW N7 30KHz TM8 20MHz 507000 Outer Full



OBW&EBW N7 30KHz TM9 20MHz 507000 Outer Full



REMARK:

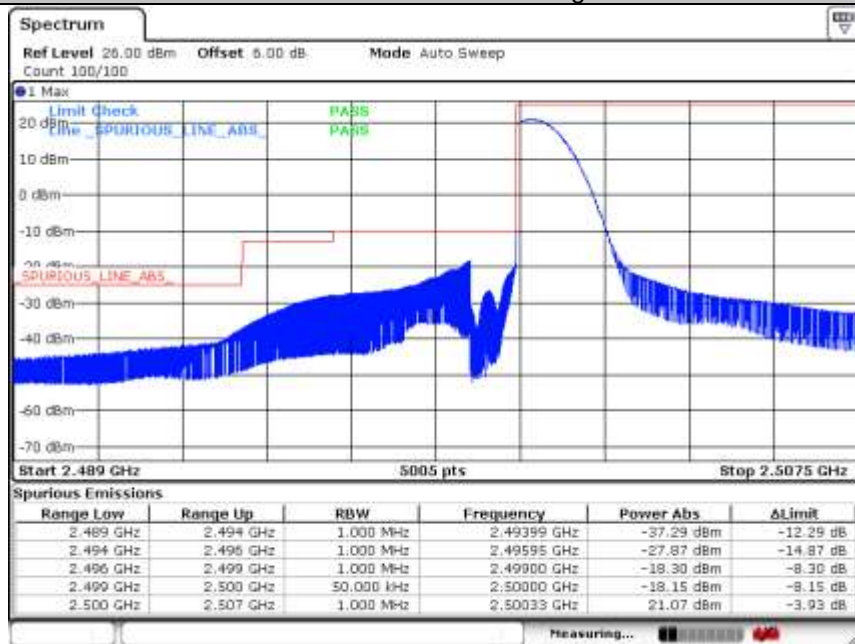
All antenna and all modulation had been tested, but only the worst case data displayed in this report.



5 Band Edges Compliance

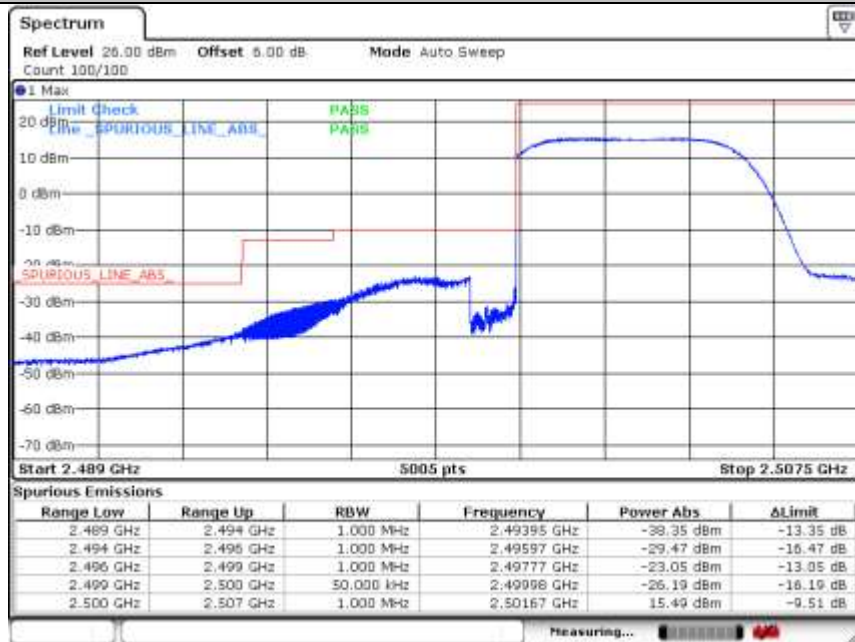
5.1 Test Plots

N7 15KHz TM1 5MHz 500500 Edge 1RB Left



Date: 4 OCT.2020 20:40:20

N7 15KHz TM1 5MHz 500500 Outer Full



Date: 4 OCT.2020 20:38:42



N7 TM1 15KHz 5MHz 513500 Edge 1RB Right



Date: 4 OCT. 2020 20:45:50

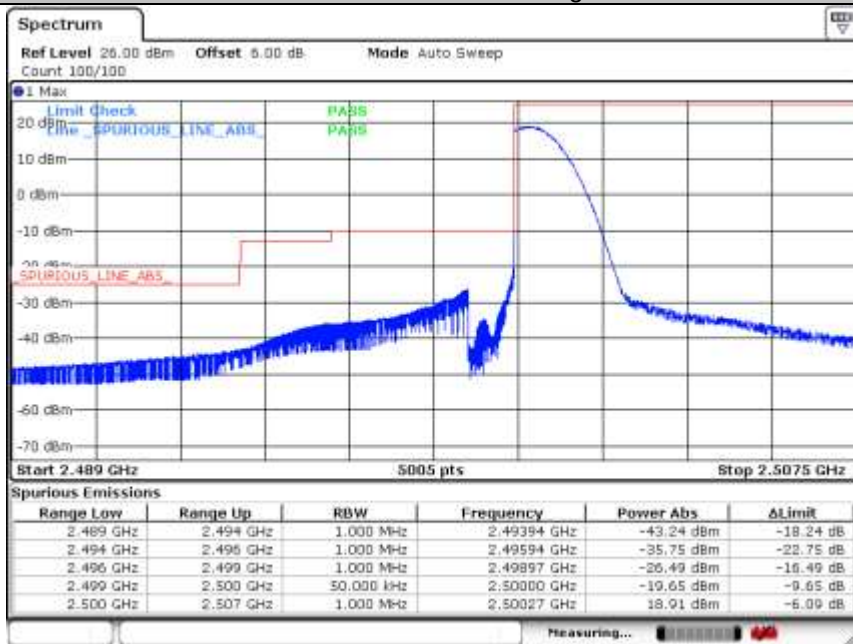
N7 15KHz TM1 5MHz 513500 Outer Full



Date: 4 OCT. 2020 20:44:24



N7 15KHz TM6 5MHz 500500 Edge 1RB Left



Date: 4 OCT. 2020 16:06:04

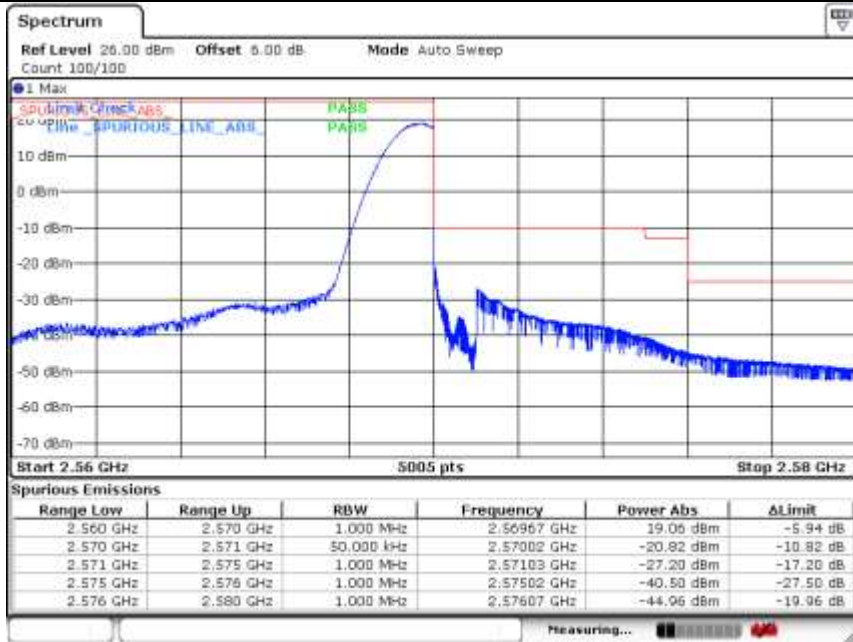
N7 15KHz TM6 5MHz 500500 Outer Full



Date: 4 OCT. 2020 16:04:42



N7 15KHz TM6 5MHz 513500 Edge 1RB Right



Date: 4 OCT.2020 16:02:18

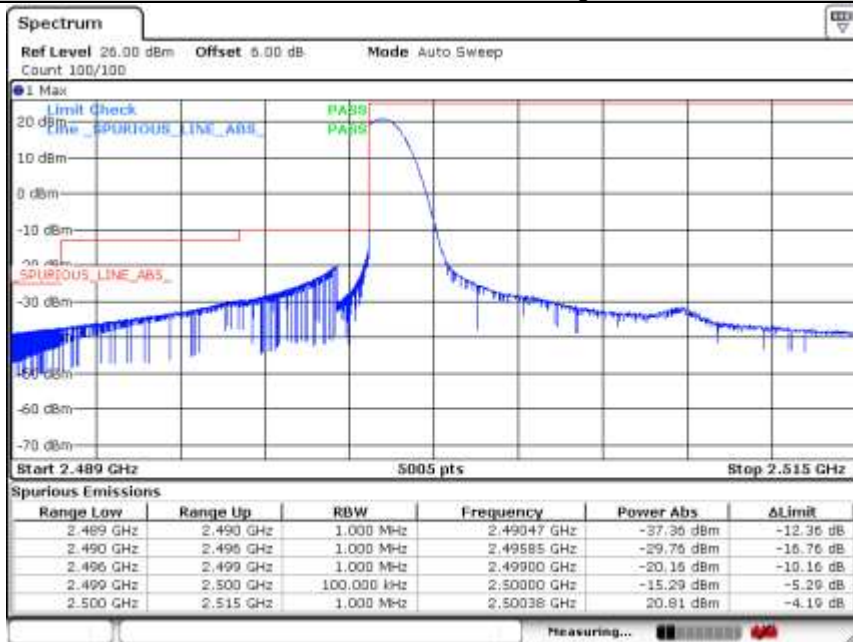
N7 15KHz TM6 5MHz 513500 Outer Full



Date: 4 OCT.2020 16:00:42



N7 15KHz TM1 10MHz 501000 Edge 1RB Left



Date: 4 OCT. 2020 20:15:20

N7 15KHz TM1 10MHz 501000 Outer Full



Date: 4 OCT. 2020 20:13:44



N7 15KHz TM1 10MHz 513000 Edge 1RB Right



Date: 4 OCT 2020 20:11:42

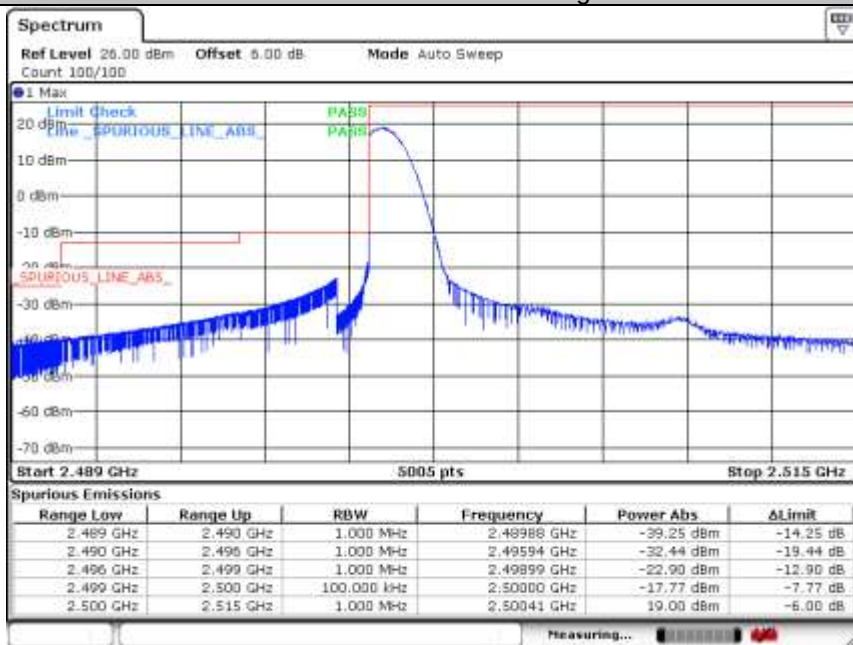
N7 15KHz TM1 10MHz 513000 Outer Full



Date: 4 OCT 2020 20:10:23



N7 15KHz TM6 10MHz 501000 Edge 1RB Left



Date: 8.OCT.2020 10:30:12

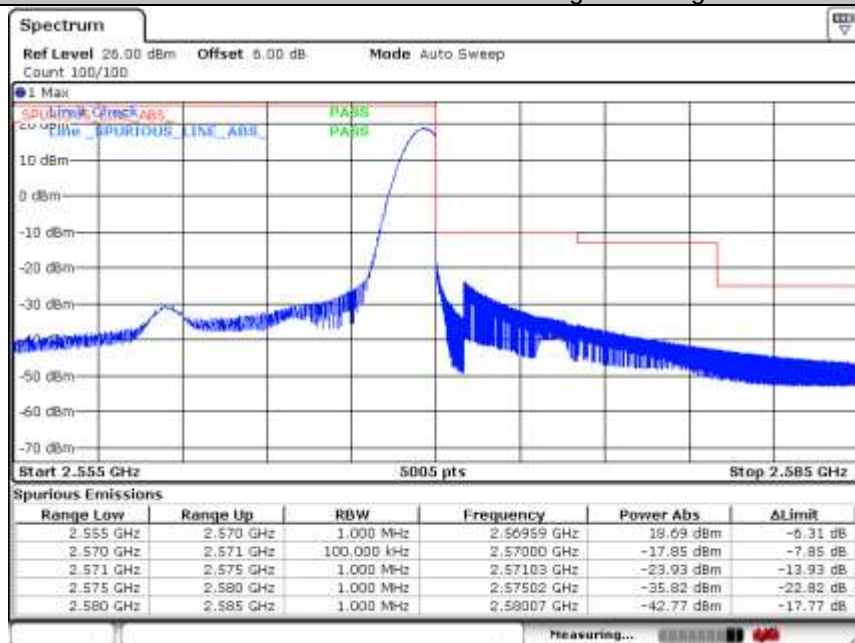
N7 15KHz TM6 10MHz 501000 Outer Full



Date: 8.OCT.2020 10:27:21



N7 15KHz TM6 10MHz 513000 Edge 1RB Right



Date: 4 OCT. 2020 15:50:33

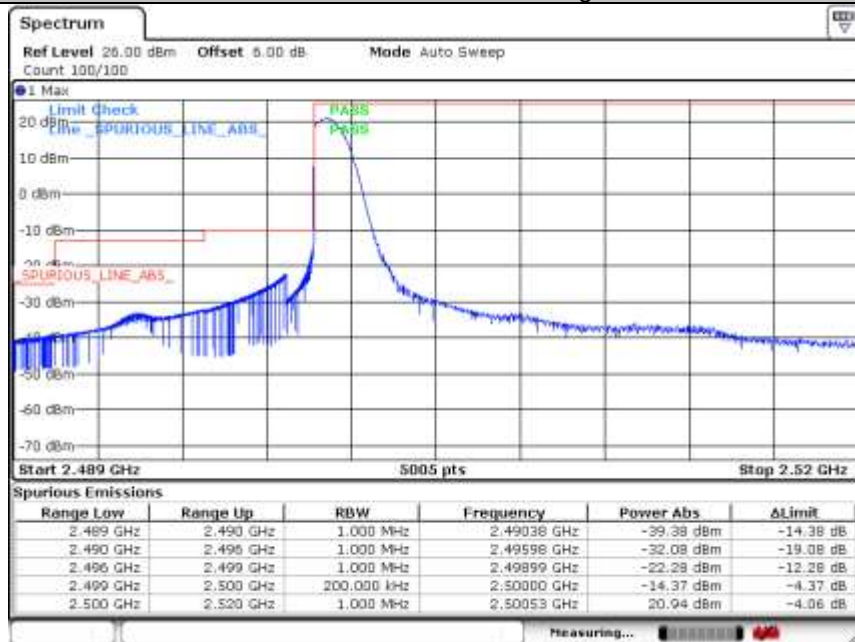
N7 15KHz TM6 10MHz 513000 Outer Full



Date: 4 OCT. 2020 15:49:15



N7 15KHz TM1 15MHz 501500 Edge 1RB Left



Date: 4 OCT 2020 20:03:18

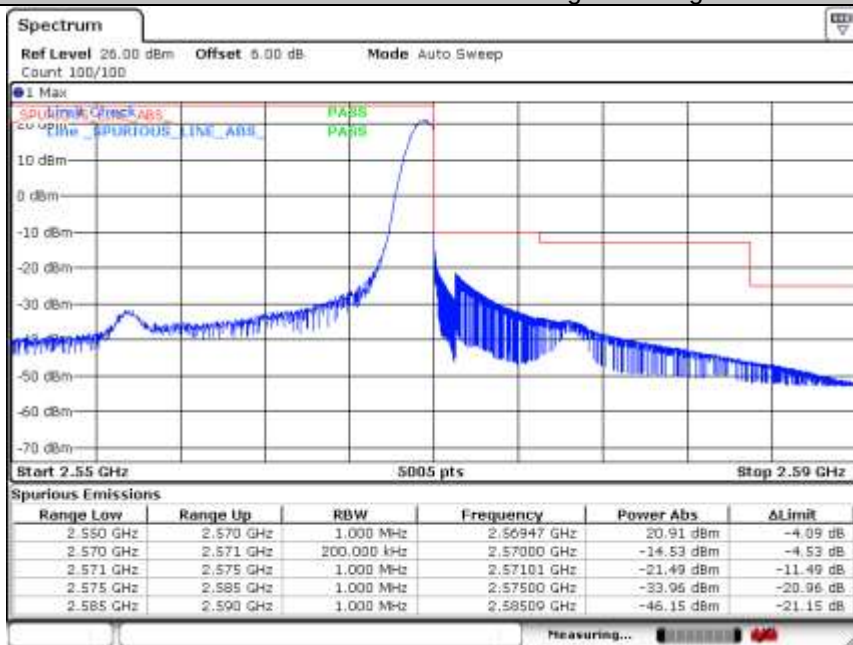
N7 15KHz TM1 15MHz 501500 Outer Full



Date: 4 OCT 2020 20:01:52



N7 15KHz TM1 15MHz 512500 Edge 1RB Right



Date: 4 OCT. 2020 20:07:56

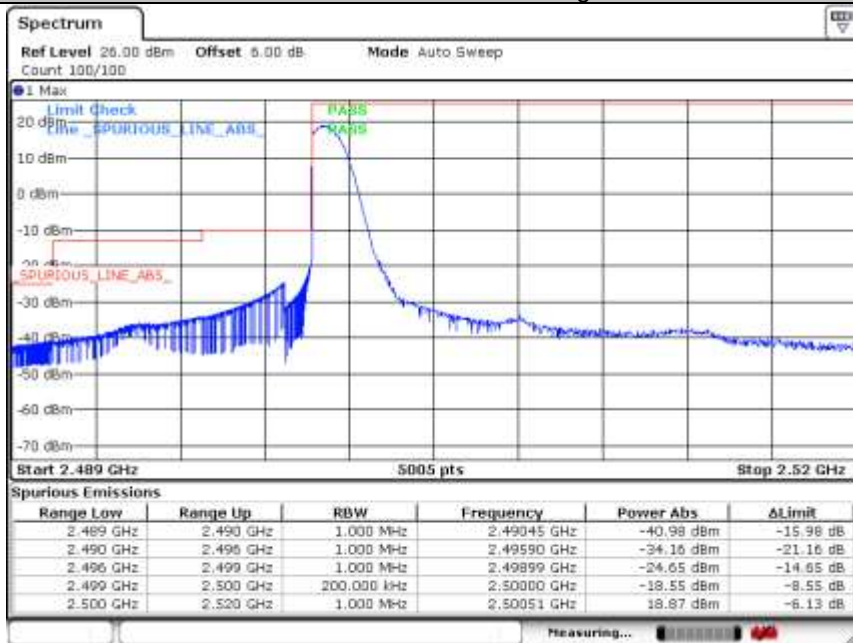
N7 15KHz TM1 15MHz 512500 Outer Full



Date: 4 OCT. 2020 20:05:24



N7 15KHz TM6 15MHz 501500 Edge 1RB Left



Date: 4.OCT.2020 16:09:29

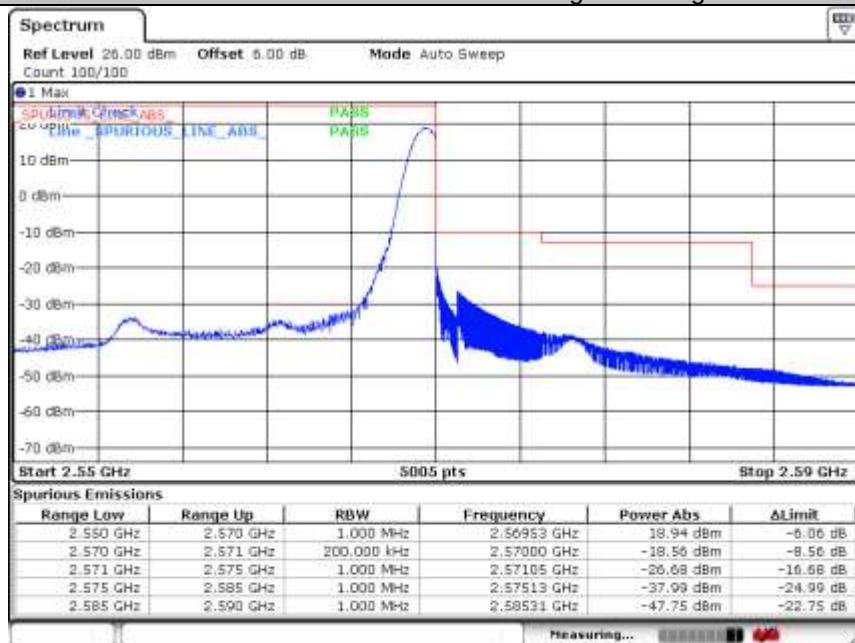
N7 15KHz TM6 15MHz 501500 Outer Full



Date: 4.OCT.2020 16:07:54



N7 15KHz TM6 15MHz 512500 Edge 1RB Right



Date: 4 OCT 2020 15:36:12

N7 15KHz TM6 15MHz 512500 Outer Full



Date: 4 OCT 2020 15:34:52



SGS-CST Chemicals Technology Service Co., Ltd.
Shenzhen Branch, Shenzhen, P.R. China (Laboratory)

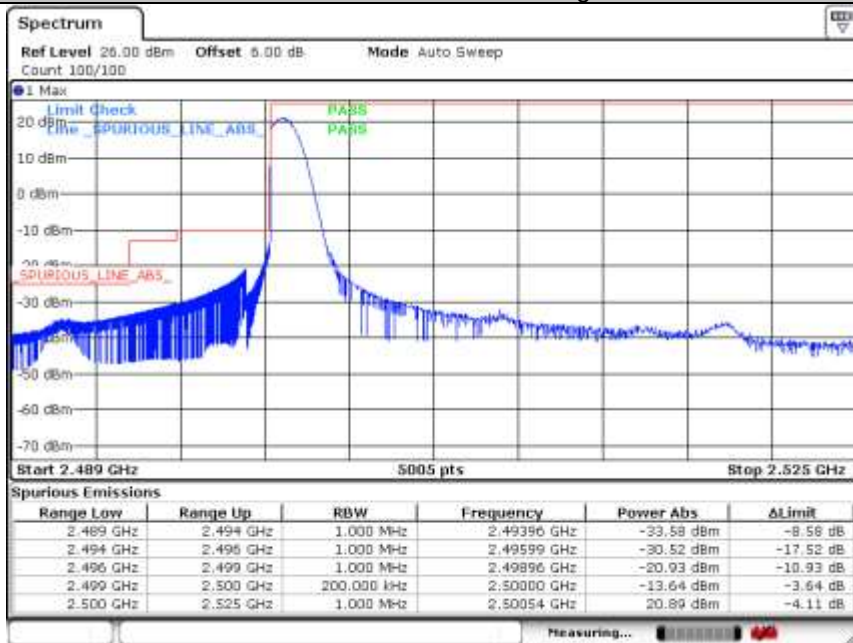
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the back, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and, for electronic format documents, subject to Terms and Conditions for 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 their respective obligations under the law. Any alteration, forgery or falsification of the content of this document, 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) is/are retained for 30 days only.

Attention is drawn to the fact that the certificate, if printed, is not a contract. For the certificate, please contact us at telephone: (88-755) 4307 1443, or email: CN.000000000000.com

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 | (86-755) 26710594 | www.sgsgroup.com.cn
中国·深圳·科技园中区M-10楼一号厂房 邮编: 518057 | (86-755) 26012053 | (86-755) 26710594 | sgsc.china@sgs.com

Member of the SGS Group (SGS SA)

N7 15KHz TM1 20MHz 502000 Edge 1RB Left



Date: 4.OCT.2020 19:59:58

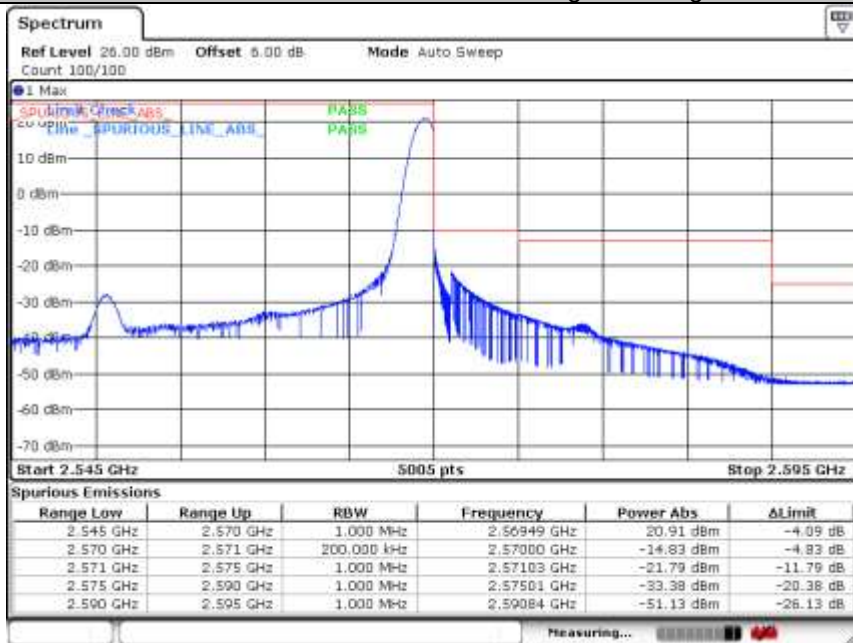
N7 15KHz TM1 20MHz 502000 Outer Full



Date: 4.OCT.2020 19:58:36



N7 15KHz TM1 20MHz 512000 Edge 1RB Right



Date: 4.OCT.2020 19:56:28

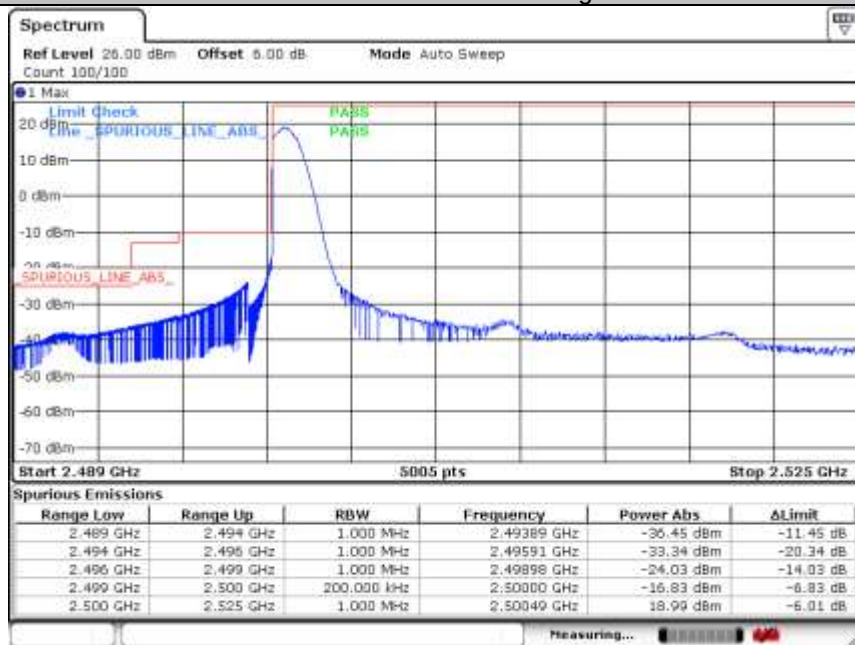
N7 15KHz TM1 20MHz 512000 Outer Full



Date: 4.OCT.2020 19:54:58



N7 15KHz TM6 20MHz 502000 Edge 1RB Left



Date: 4.OCT.2020 15:18:13

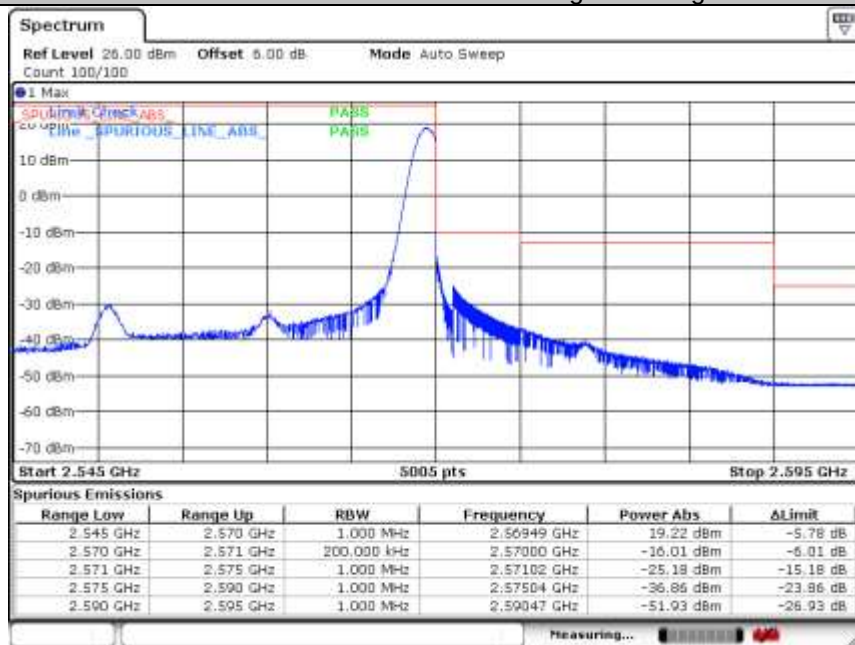
N7 15KHz TM6 20MHz 502000 Outer Full



Date: 4.OCT.2020 15:16:49



N7 15KHz TM6 20MHz 512000 Edge 1RB Right



Date: 4.OCT.2020 15:13:55

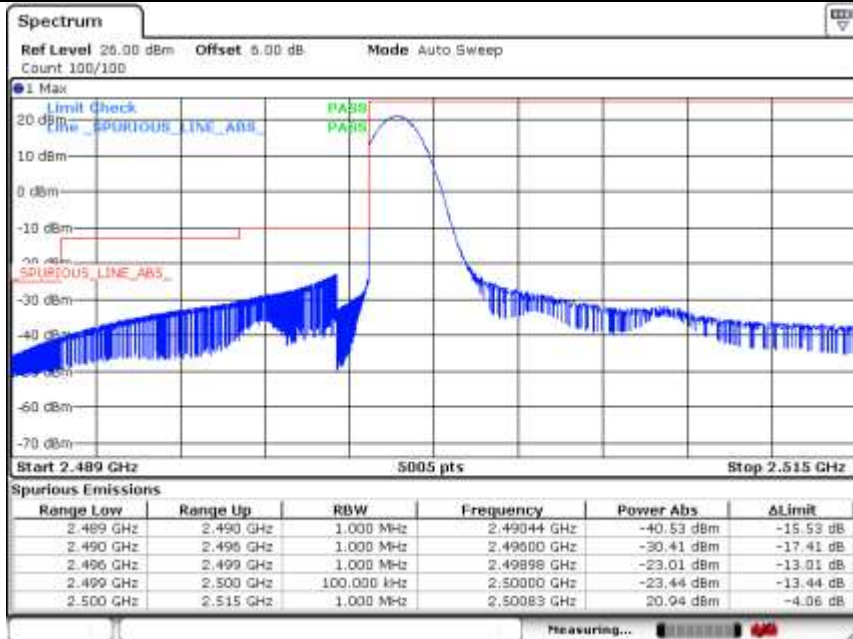
N7 15KHz TM6 20MHz 512000 Outer Full



Date: 4.OCT.2020 15:10:55

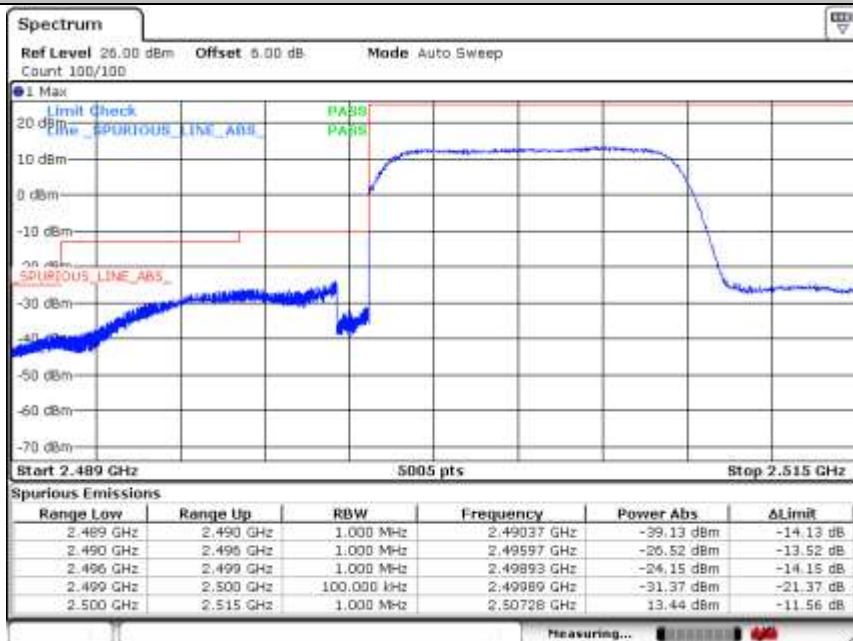


N7 30KHz TM1 10MHz 501000 Edge 1RB Left



Date: 4 OCT.2020 17:40:32

N7 30KHz TM1 10MHz 501000 Outer Full



Date: 4 OCT.2020 17:38:54



N7 30KHz TM1 10MHz 513000 Edge 1RB Right



Date: 4 OCT 2020 21:12:34

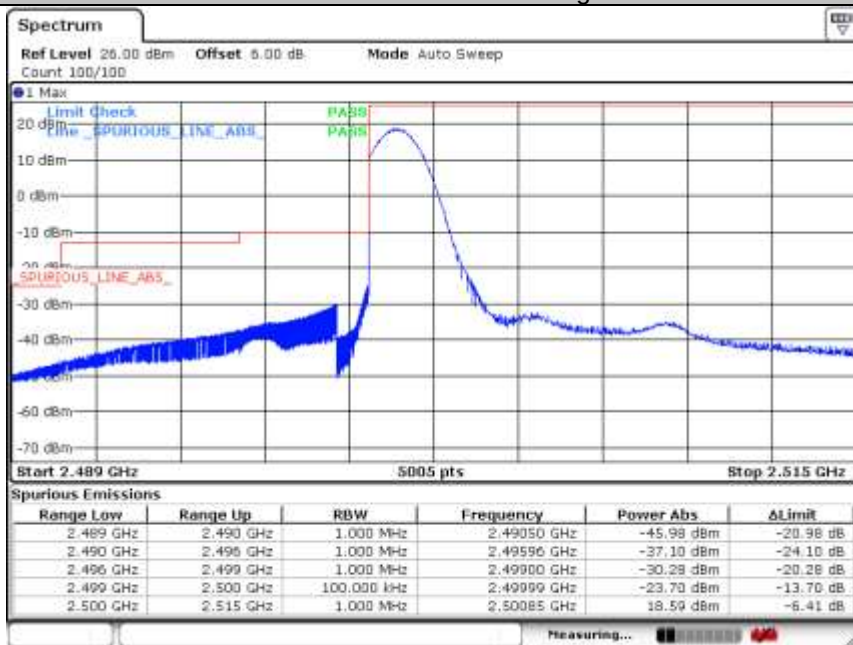
N7 30KHz TM1 10MHz 513000 Outer Full



Date: 4 OCT 2020 21:11:02

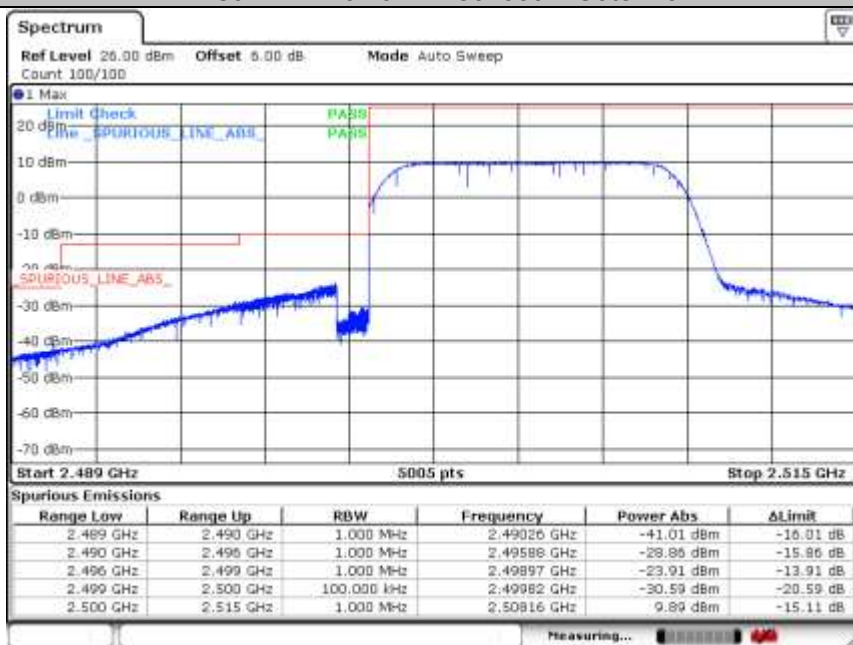


N7 30KHz TM6 10MHz 501000 Edge 1RB Left



Date: 4 OCT. 2020 17:03:43

N7 30KHz TM6 10MHz 501000 Outer Full



Date: 4 OCT. 2020 17:02:06



N7 30KHz TM6 10MHz 513000 Edge 1RB Right



Date: 4 OCT. 2020 17:07:46

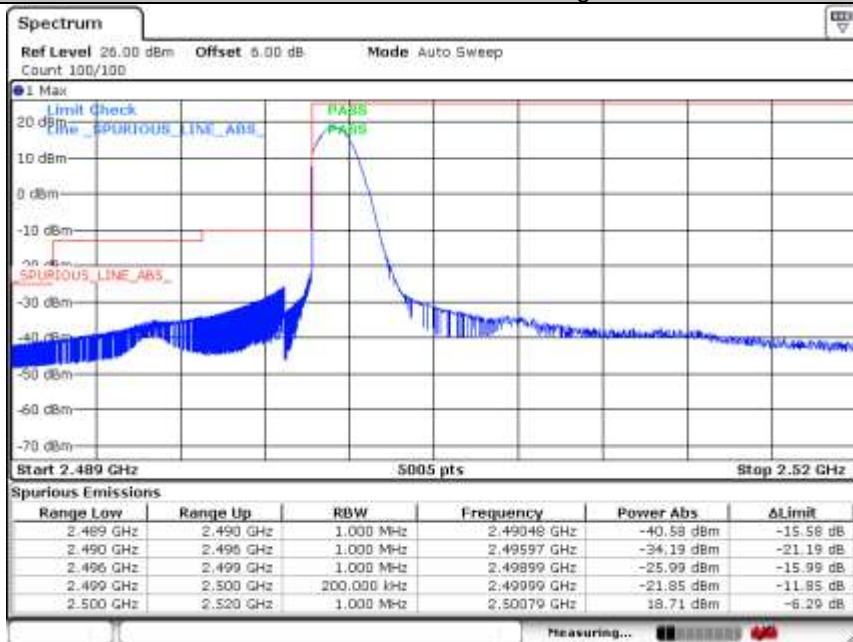
N7 30KHz TM6 10MHz 513000 Outer Full



Date: 4 OCT. 2020 17:06:07

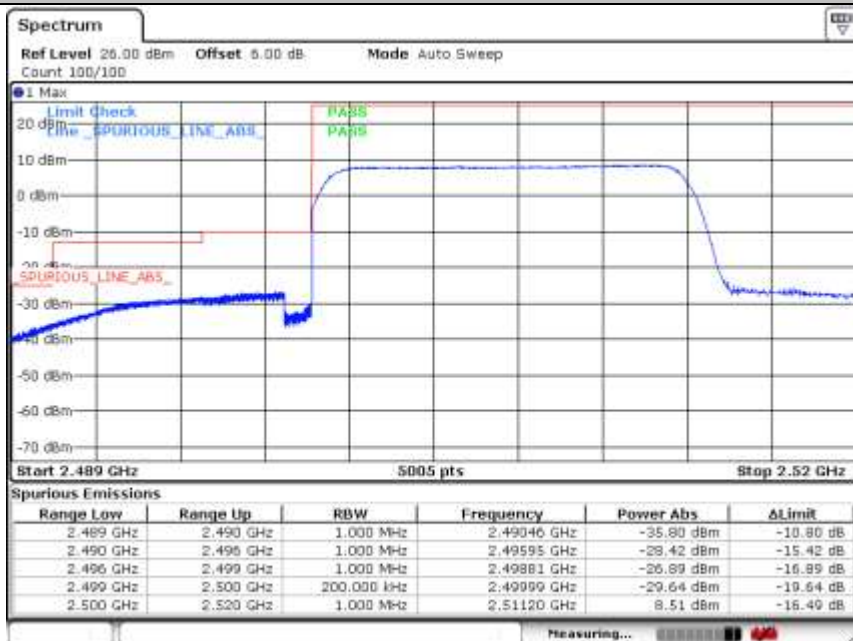


N7 30KHz TM1 15MHz 501500 Edge 1RB Left



Date: 4 OCT. 2020 17:15:12

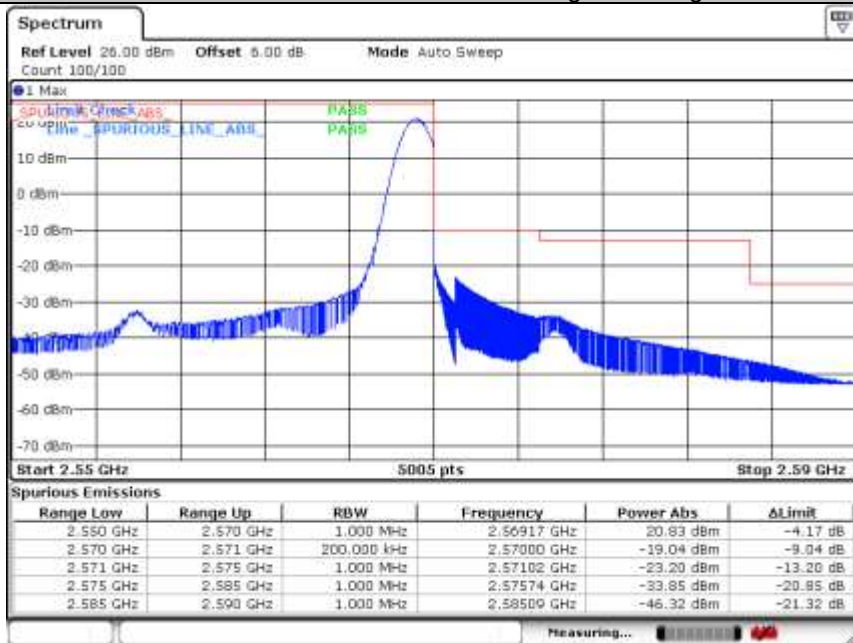
N7 30KHz TM1 15MHz 501500 Outer Full



Date: 4 OCT. 2020 17:13:40



N7 30KHz TM1 15MHz 512500 Edge 1RB Right



Date: 4 OCT. 2020 17:30:08

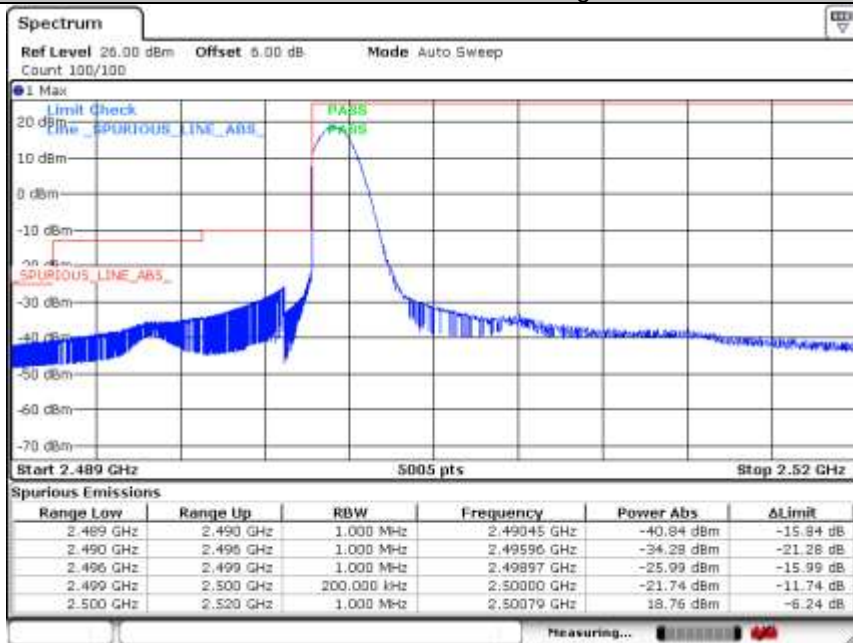
N7 30KHz TM1 15MHz 512500 Outer Full



Date: 4 OCT. 2020 17:28:50

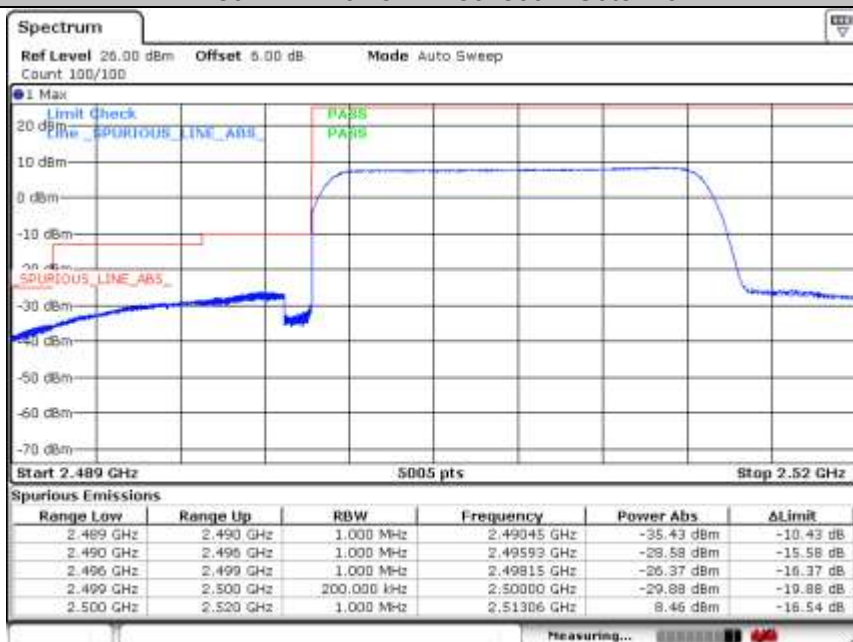


N7 30KHz TM6 15MHz 501500 Edge 1RB Left



Date: 4.OCT.2020 17:12:08

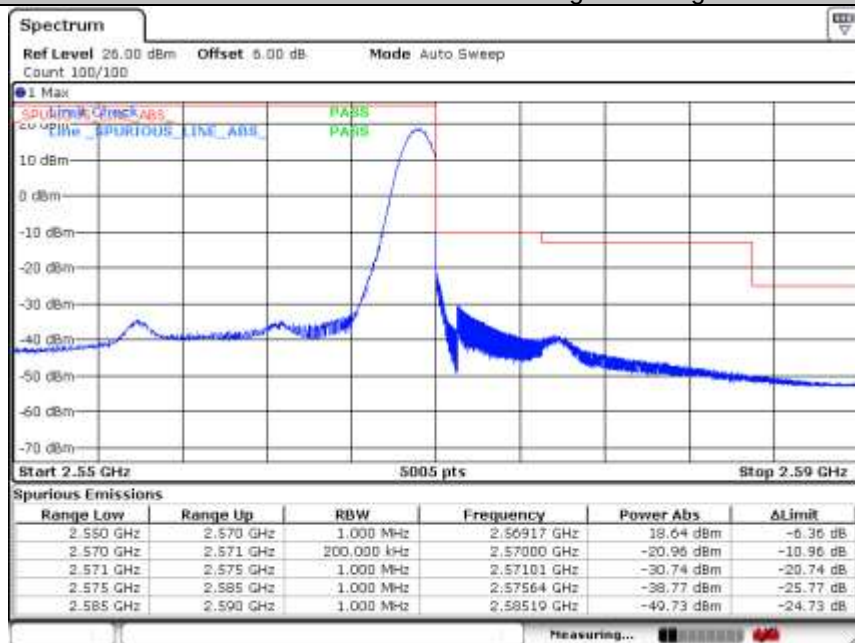
N7 30KHz TM6 15MHz 501500 Outer Full



Date: 4.OCT.2020 17:10:45

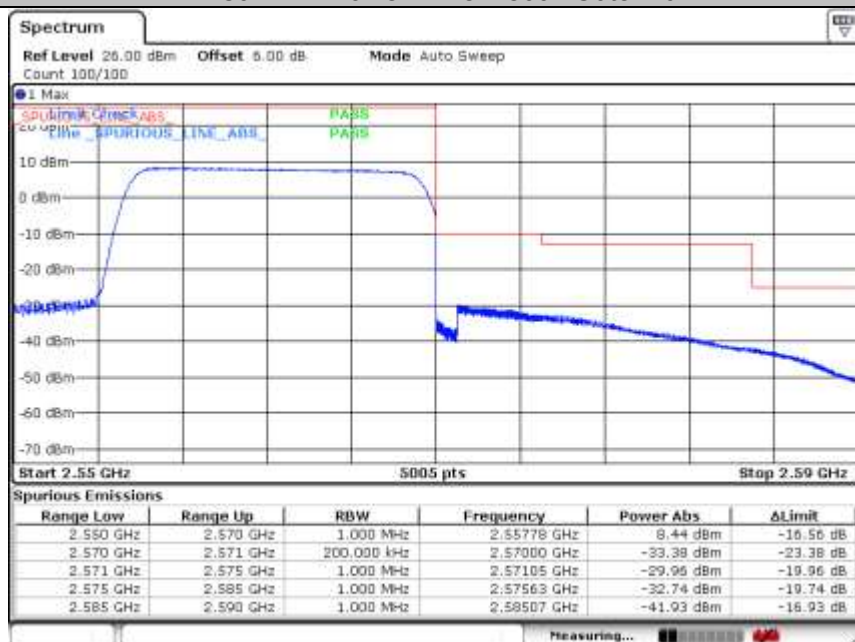


N7 30KHz TM6 15MHz 512500 Edge 1RB Right



Date: 4 OCT. 2020 16:58:57

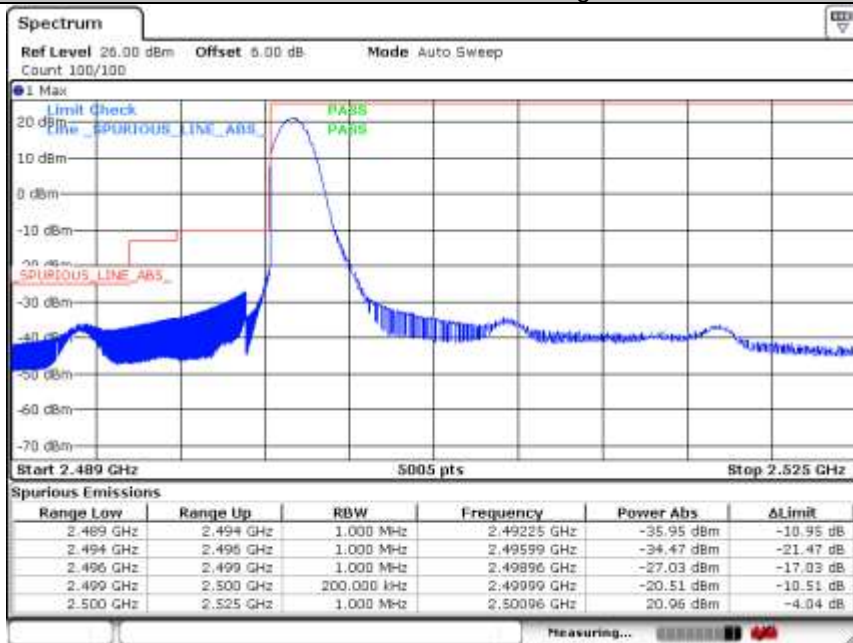
N7 30KHz TM6 15MHz 512500 Outer Full



Date: 4 OCT. 2020 16:57:11



N7 30KHz TM1 20MHz 502000 Edge 1RB Left



Date: 4.OCT.2020 17:37:15

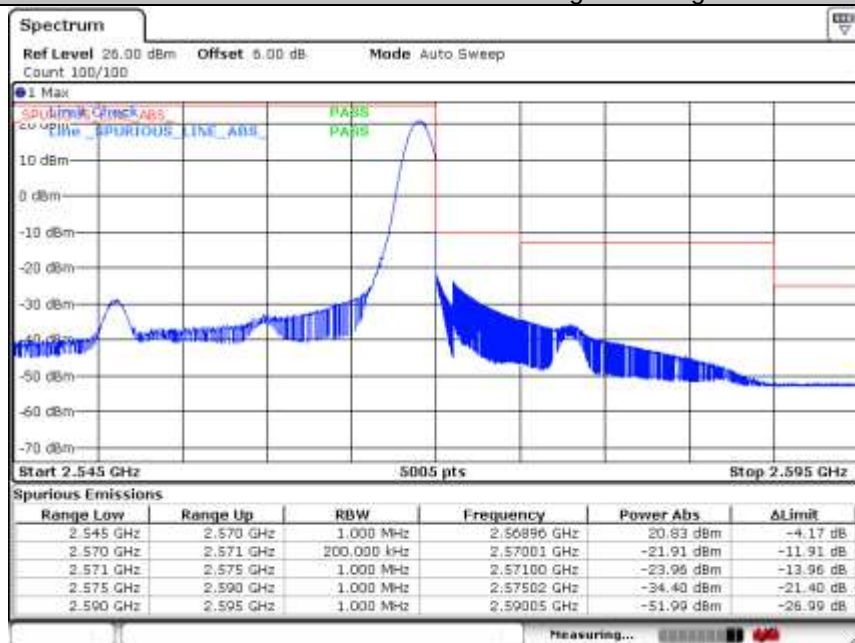
N7 30KHz TM1 20MHz 502000 Outer Full



Date: 4.OCT.2020 17:35:58



N7 30KHz TM1 20MHz 512000 Edge 1RB Right



Date: 4 OCT 2020 17:33:44

N7 30KHz TM1 20MHz 512000 Outer Full



Date: 4 OCT 2020 17:32:29



SGS-CSTechnological Services Co., Ltd.
Shenzhen Branch, Shenzhen, P.R. China (Laboratory)

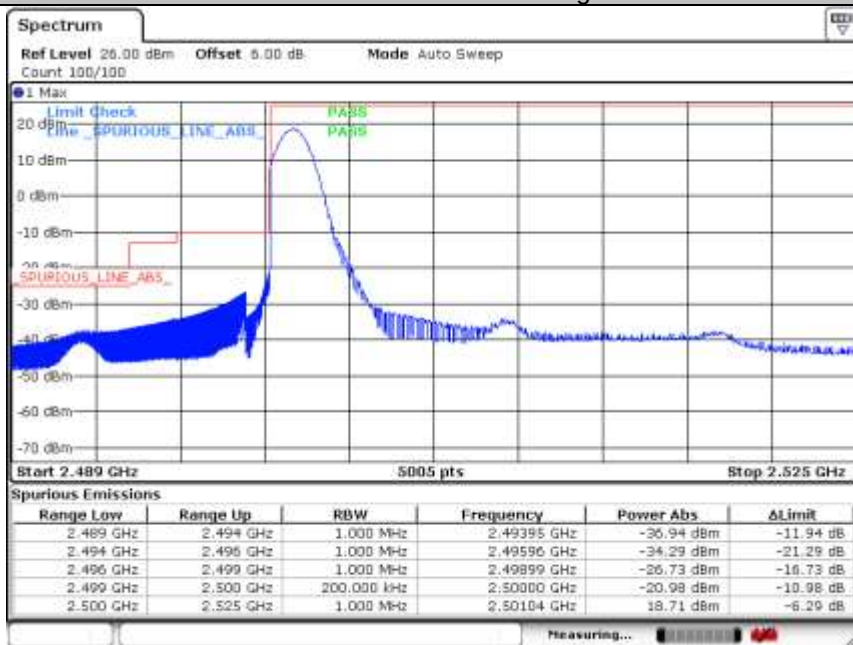
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed herein and available on request at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-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 their respective obligations under applicable law. No 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.

For additional information, please contact the appropriate sales office or contact us at telephone: (86-755) 8307 1443,
or email: CN.Chester@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 | (86-755) 26012053 | (86-755) 26710594 | www.sgs.com
中国·深圳·科技园中区M-10楼一号厂房 邮编: 518057 | (86-755) 26012053 | (86-755) 26710594 | sgs.china@sgs.com

Member of the SGS Group (SGS SA)

N7 30KHz TM6 20MHz 502000 Edge 1RB Left



Date: 4.OCT.2020 16:52:42

N7 30KHz TM6 20MHz 502000 Outer Full



Date: 4.OCT.2020 16:51:23



N7 30KHz TM6 20MHz 512000 Edge 1RB Right



Date: 4.OCT.2020 16:48:59

N7 30KHz TM6 20MHz 512000 Outer Full



Date: 4.OCT.2020 16:47:20

REMARK:

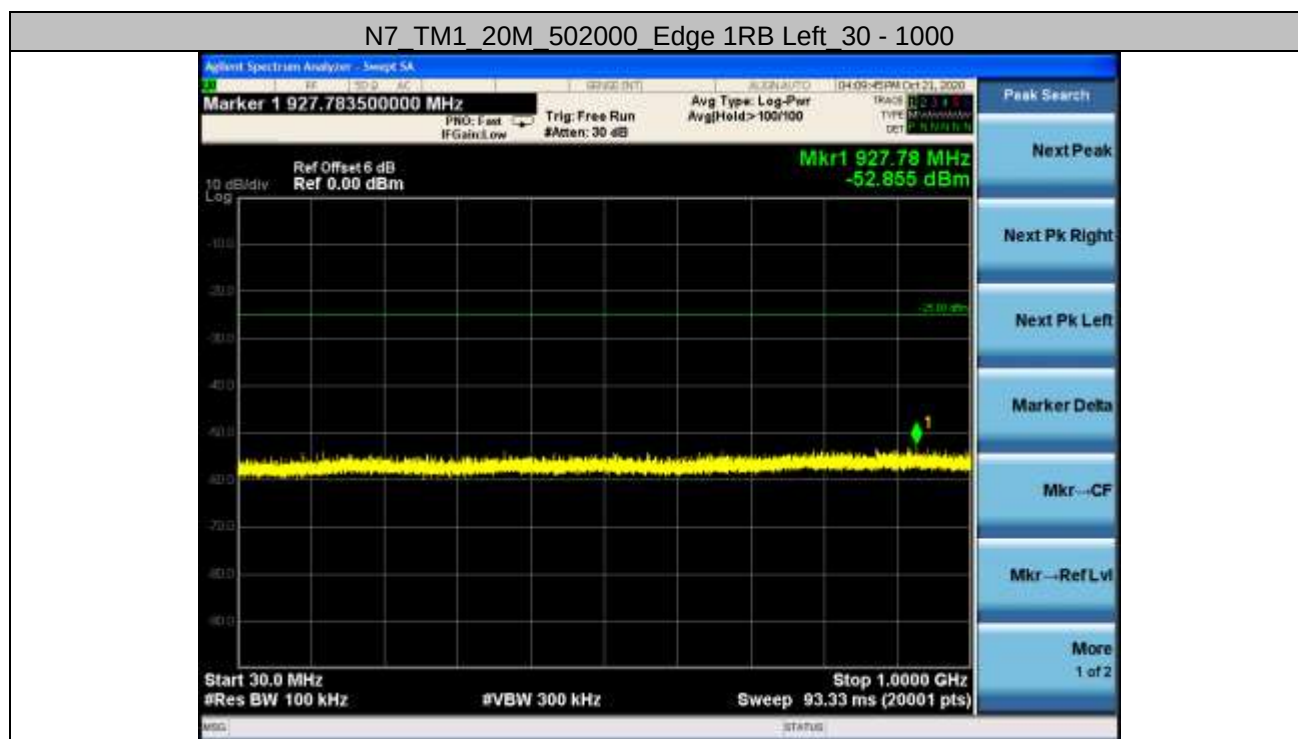
All antenna and all modulation had been tested, but only the worst case data displayed in this report.



6 Spurious Emission at Antenna Terminal

REMARK: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrow Band signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

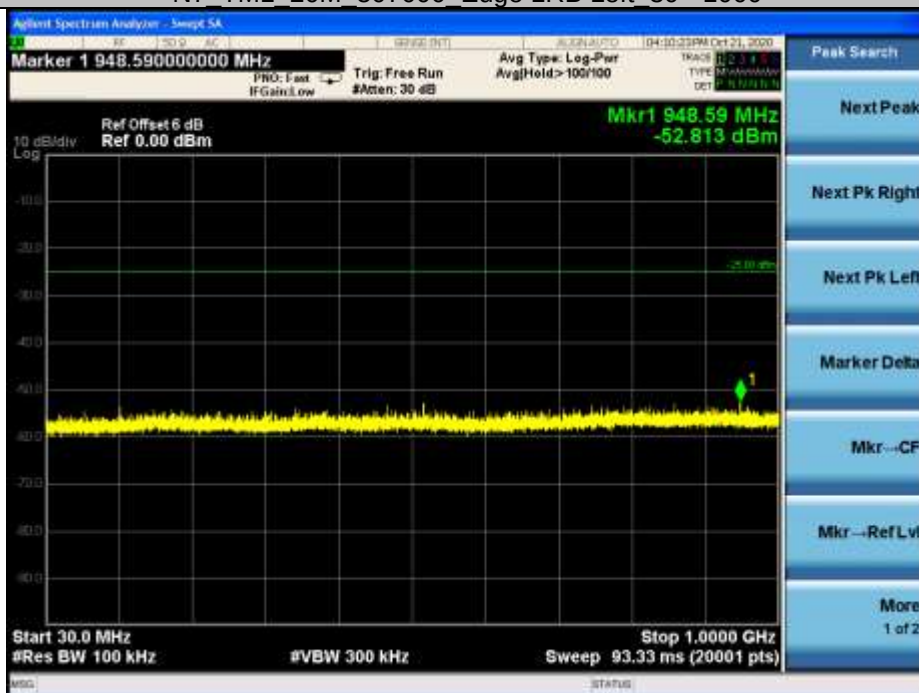
6.1 Test Plots



N7 TM1 20M 502000 Edge 1RB Left 1000 - 26500



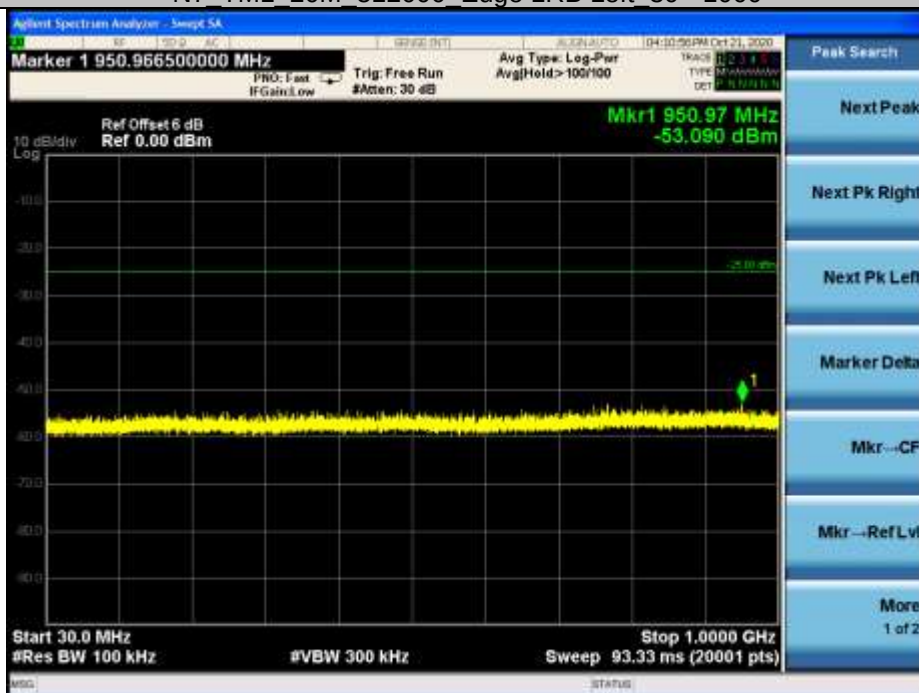
N7 TM1 20M 507000 Edge 1RB Left 30 - 1000



N7 TM1 20M 507000 Edge 1RB Left 1000 - 265000



N7 TM1 20M 512000 Edge 1RB Left 30 - 1000



N7 TM1 20M 512000 Edge 1RB Left 1000 - 265000



REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report.



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Inspection & Testing Service)

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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

7 Field Strength of Spurious Radiation

7.1 Test Band = N7 (ant 3)

7.1.1 Test Mode = TM1

7.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.1100	-72.17	-25.00	47.17	Vertical
110.7080	-64.06	-25.00	39.06	Vertical
381.7396	-69.06	-25.00	44.06	Vertical
5001.0800	-63.38	-25.00	38.38	Vertical
9321.2529	-54.40	-25.00	29.40	Vertical
14482.0593	-49.52	-25.00	24.52	Vertical
43.7747	-64.10	-25.00	39.10	Horizontal
241.0826	-68.87	-25.00	43.87	Horizontal
603.2987	-64.39	-25.00	39.39	Horizontal
5007.0803	-63.46	-25.00	38.46	Horizontal
8781.2312	-56.56	-25.00	31.56	Horizontal
16397.9359	-45.42	-25.00	20.42	Horizontal

7.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.3710	-72.38	-25.00	47.38	Vertical
110.5140	-64.77	-25.00	39.77	Vertical
467.7344	-67.03	-25.00	42.03	Vertical
3858.6343	-64.30	-25.00	39.30	Vertical
7576.9831	-56.67	-25.00	31.67	Vertical
17998.1999	-42.15	-25.00	17.15	Vertical
44.8902	-64.62	-25.00	39.62	Horizontal
231.1881	-68.19	-25.00	43.19	Horizontal
637.2019	-64.38	-25.00	39.38	Horizontal
5052.0821	-62.07	-25.00	37.07	Horizontal
10016.6807	-54.62	-25.00	29.62	Horizontal
16401.5361	-45.06	-25.00	20.06	Horizontal



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-a-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) 8367 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 | (86-755) 26012053 | (86-755) 26710594 | www.sgs.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 | (86-755) 26012053 | (86-755) 26710594 | sgs.china@sgs.com

7.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
62.4966	-71.87	-25.00	46.87	Vertical
116.8193	-64.52	-25.00	39.52	Vertical
192.0466	-71.13	-25.00	46.13	Vertical
5158.8864	-63.66	-25.00	38.66	Vertical
10458.8984	-53.93	-25.00	28.93	Vertical
17990.3996	-41.99	-25.00	16.99	Vertical
40.0400	-64.43	-25.00	39.43	Horizontal
236.3778	-69.19	-25.00	44.19	Horizontal
493.4407	-67.01	-25.00	42.01	Horizontal
3515.4206	-62.65	-25.00	37.65	Horizontal
9360.8544	-54.66	-25.00	29.66	Horizontal
16397.3359	-45.07	-25.00	20.07	Horizontal

REMARK:

All antenna and all modulation(SA+NSA) had been tested, but only the worst case data displayed in this report





8 Frequency Stability

8.1 Frequency Error VS. Voltage

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N7	15KHz	20MHz	TM1	502000	Outer Full	VL	NT	-10.44	-0.00416	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	NT	-11.53	-0.00459	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VH	NT	10.26	0.00409	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VL	NT	-13.58	-0.00536	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	NT	-9.64	-0.00380	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VH	NT	-13.65	-0.00538	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VL	NT	-10.43	-0.00407	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	NT	9.61	0.00375	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VH	NT	8.56	0.00334	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VL	NT	-8.53	-0.00340	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	NT	-12.56	-0.00500	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VH	NT	11.33	0.00451	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VL	NT	-10.68	-0.00421	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	NT	17.47	0.00689	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VH	NT	12.65	0.00499	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VL	NT	-17.22	-0.00673	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	NT	-10.56	-0.00413	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VH	NT	9.35	0.00365	±2.5	PASS

8.2 Frequency Error VS. Temperature

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	-30	-9.56	-0.003809	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	-20	10.64	0.004239	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	-10	11.63	0.004633	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	0	-11.34	-0.004518	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	10	-8.83	-0.003518	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	20	-13.47	-0.005367	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	30	12.45	0.004960	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	40	13.54	0.005394	±2.5	PASS
N7	15KHz	20MHz	TM1	502000	Outer Full	VN	50	-11.76	-0.004685	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	-30	9.84	0.003882	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	-20	-11.46	-0.004521	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	-10	21.83	0.008611	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	0	-12.55	-0.004951	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	10	-12.36	-0.004876	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	20	-10.53	-0.004154	±2.5	PASS



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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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

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



N7	15KHz	20MHz	TM1	507000	Outer Full	VN	30	-10.24	-0.004039	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	40	-11.58	-0.004568	±2.5	PASS
N7	15KHz	20MHz	TM1	507000	Outer Full	VN	50	15.56	0.006138	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	-30	14.63	0.005715	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	-20	7.08	0.002766	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	-10	8.52	0.003328	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	0	9.36	0.003656	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	10	-10.21	-0.003988	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	20	14.86	0.005805	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	30	11.22	0.004383	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	40	12.56	0.004906	±2.5	PASS
N7	15KHz	20MHz	TM1	512000	Outer Full	VN	50	-14.07	-0.005496	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	-30	9.53	0.003797	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	-20	-11.64	-0.004637	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	-10	9.65	0.003845	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	0	-9.64	-0.003841	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	10	7.58	0.003020	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	20	-16.52	-0.006582	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	30	-11.35	-0.004522	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	40	-12.64	-0.005036	±2.5	PASS
N7	15KHz	20MHz	TM6	502000	Outer Full	VN	50	-11.36	-0.004526	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	-30	-19.55	-0.007712	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	-20	-8.65	-0.003412	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	-10	-10.23	-0.004036	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	0	-18.56	-0.007321	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	10	-10.44	-0.004118	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	20	-13.80	-0.005444	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	30	-10.39	-0.004099	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	40	-8.69	-0.003428	±2.5	PASS
N7	15KHz	20MHz	TM6	507000	Outer Full	VN	50	-9.63	-0.003799	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	-30	-11.88	-0.004641	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	-20	-10.34	-0.004039	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	-10	8.46	0.003305	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	0	-11.45	-0.004473	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	10	14.22	0.005555	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	20	19.54	0.007633	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	30	-10.12	-0.003953	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	40	-10.68	-0.004172	±2.5	PASS
N7	15KHz	20MHz	TM6	512000	Outer Full	VN	50	71.54	0.027945	±2.5	PASS

REMARK:

All antenna and all modulation had been tested, but only the worst case data displayed in this report

The End



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMA, CNAS) 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 <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-a-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) 8367 1443, or email: CN.Doccheck@sgs.com

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