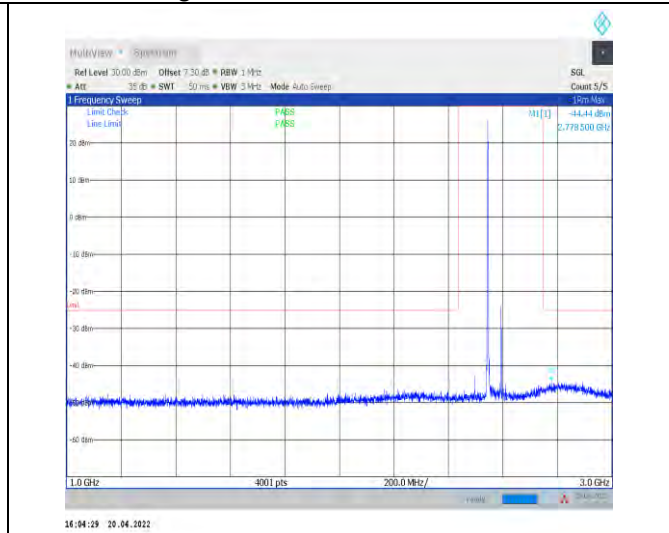
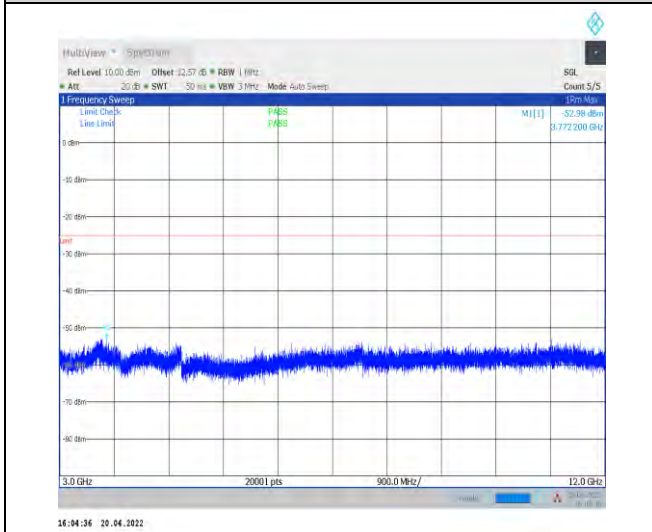


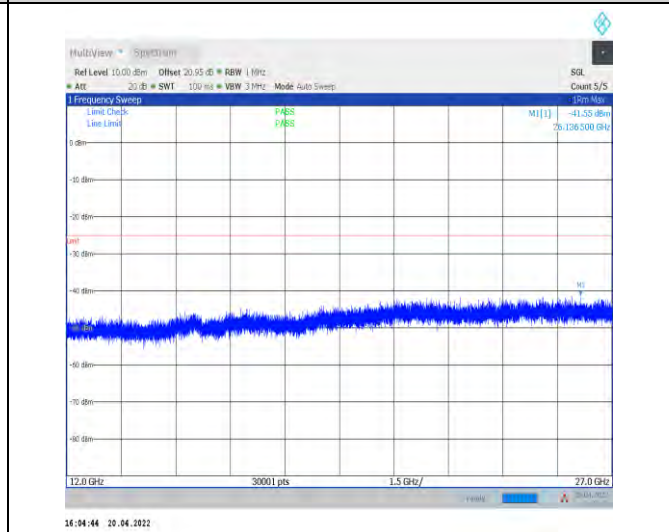
1-N41--30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1--60.92--35-PASS



1-N41--30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1--44.44--25-PASS



1-N41--30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1--52.98--25-PASS



1-N41--30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1--41.55--25-PASS

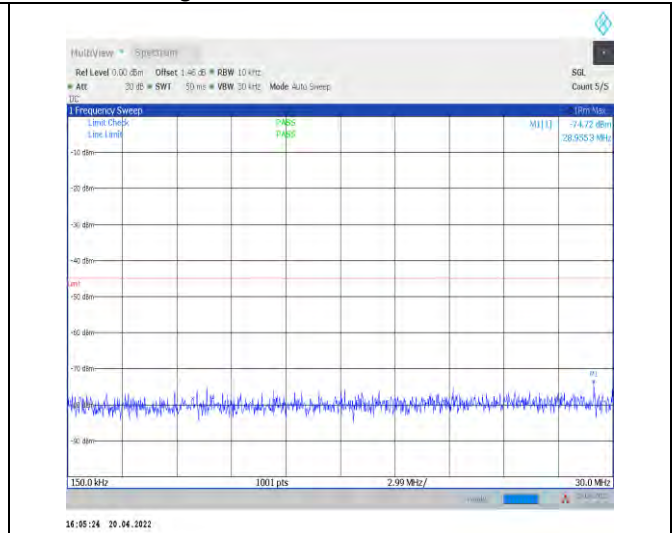


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

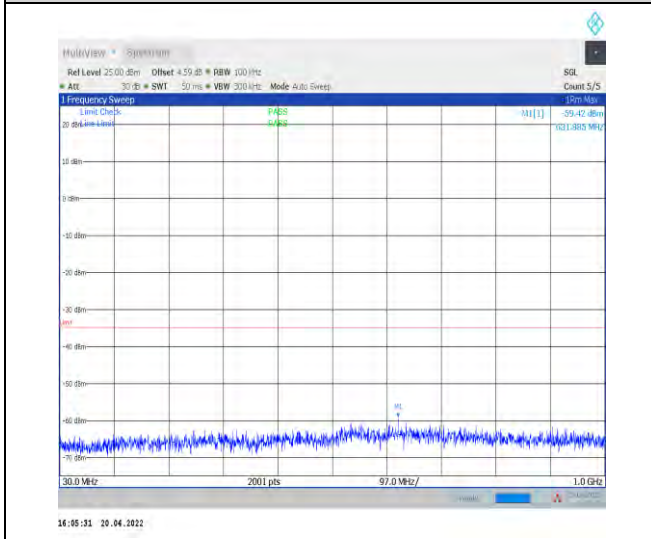
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



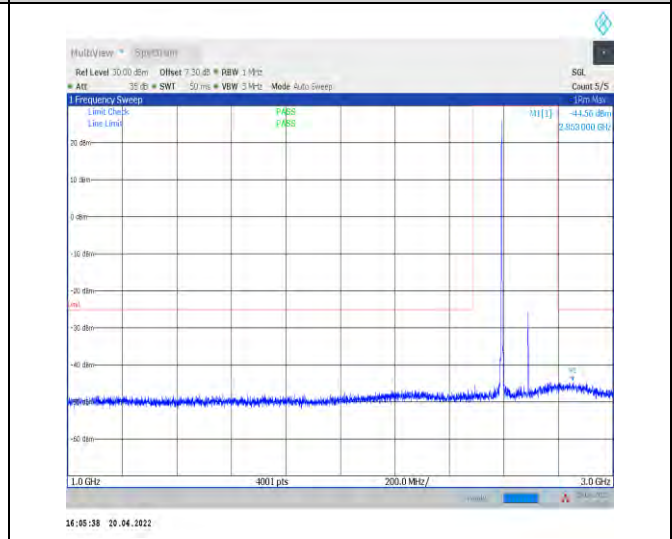
1-N41--30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1--78.41--55-PASS



1-N41--30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1--74.72--45-PASS



1-N41--30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1--59.42--35-PASS



1-N41--30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1--44.56--25-PASS

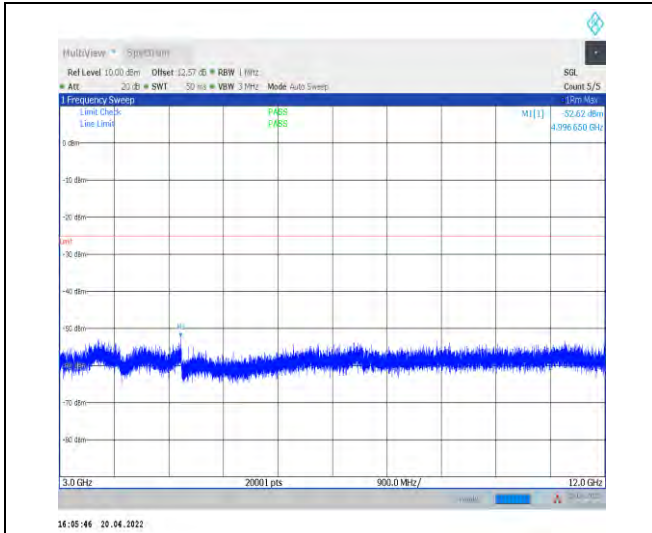


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

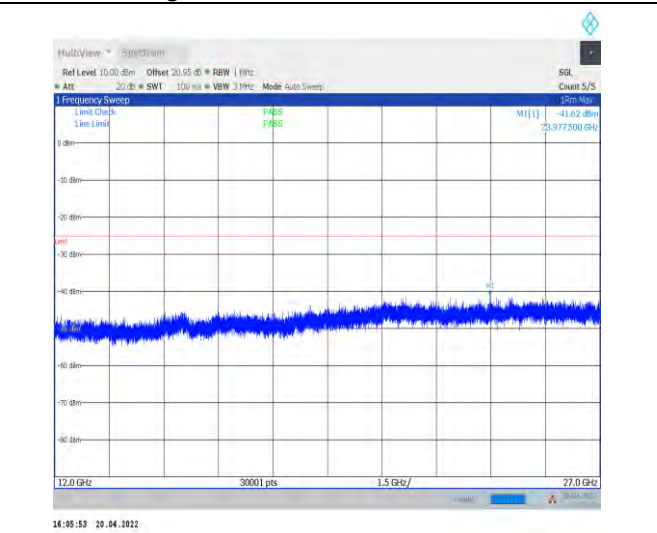
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



1-N41--30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1--52.62--25-PASS



1-N41--30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1--41.62--25-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-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Graphs for MIMO

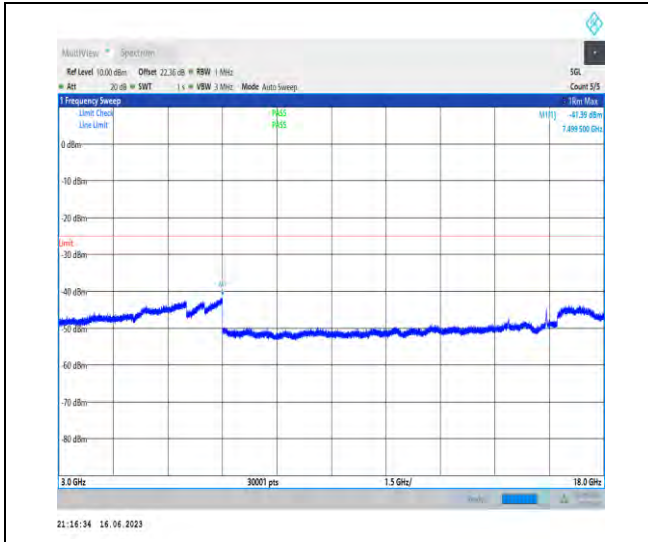
<p>21:15:53 16.06.2023</p>	<p>21:16:00 16.06.2023</p>
<p>1-N41-PC1-30-100-L-1-DFT-QPSK-Edge_1RB_Left -1@0-0.009-0.15-Ant1-0.02--87.61--55-PASS</p>	<p>1-N41-PC1-30-100-L-1-DFT-QPSK-Edge_1RB_Left- 1@0-0.15-30-Ant1-28.99--77.32--45-PASS</p>
<p>21:16:11 16.06.2023</p>	<p>21:16:23 16.06.2023</p>
<p>1-N41-PC1-30-100-L-1-DFT-QPSK-Edge_1RB_Left -1@0-30-1000-Ant1-31.55--67.94--35-PASS</p>	<p>1-N41-PC1-30-100-L-1-DFT-QPSK-Edge_1RB_Left- 1@0-1000-3000-Ant1-2947.30--50.63--25-PASS</p>



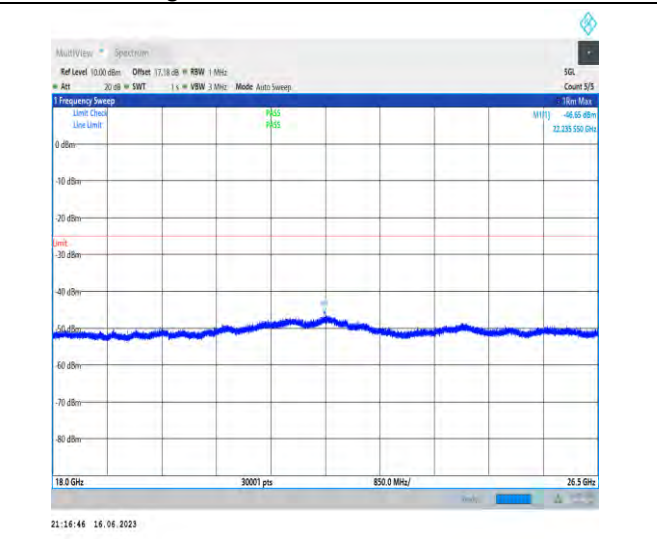
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

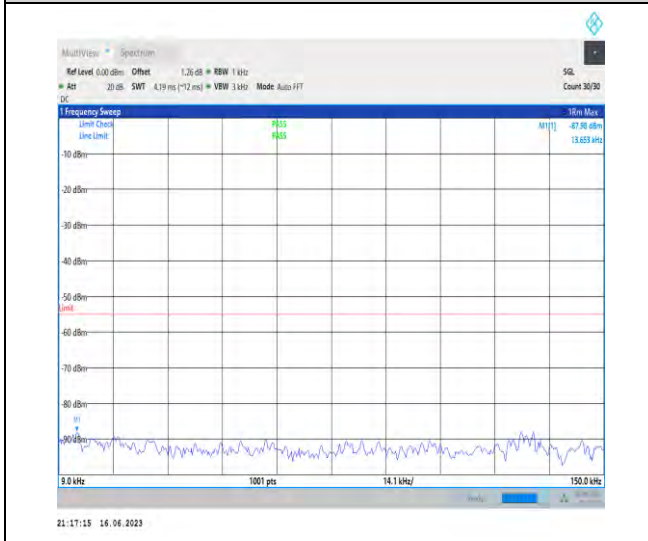
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



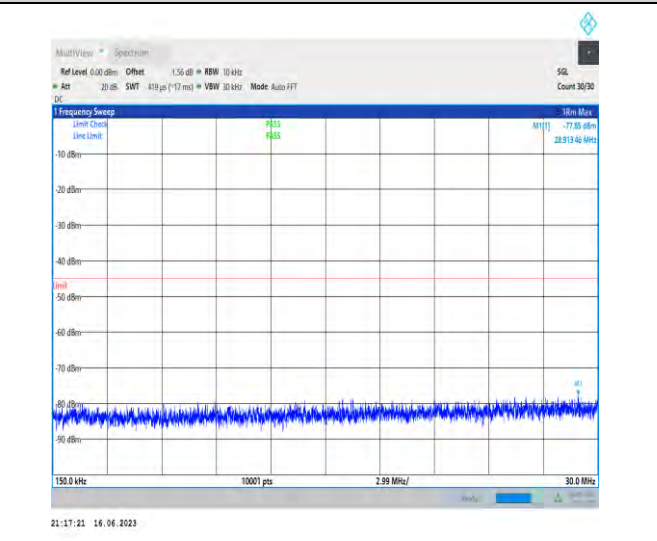
1-N41-PC1-30-100-L-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-18000-Ant1-7499.50--41.39--25-PASS



1-N41-PC1-30-100-L-1-DFT-QPSK-Edge_1RB_Left-1@0-18000-26500-Ant1-22235.55--46.65--25-PASS



1-N41-PC1-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant1-0.01--87.98--55-PASS



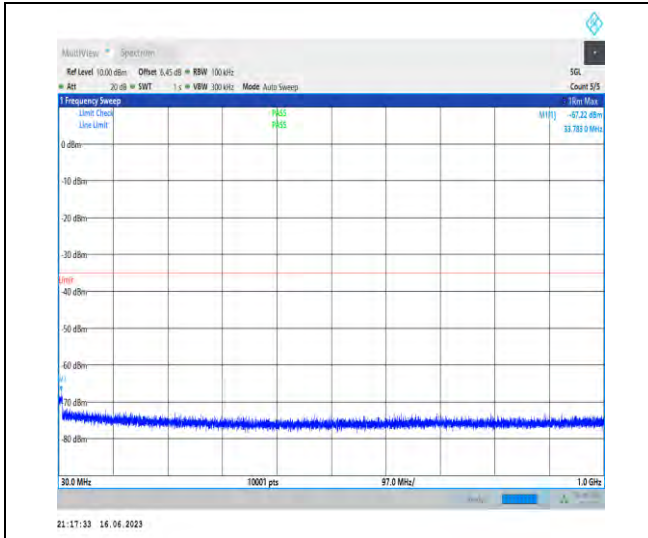
1-N41-PC1-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1-28.91--77.85--45-PASS



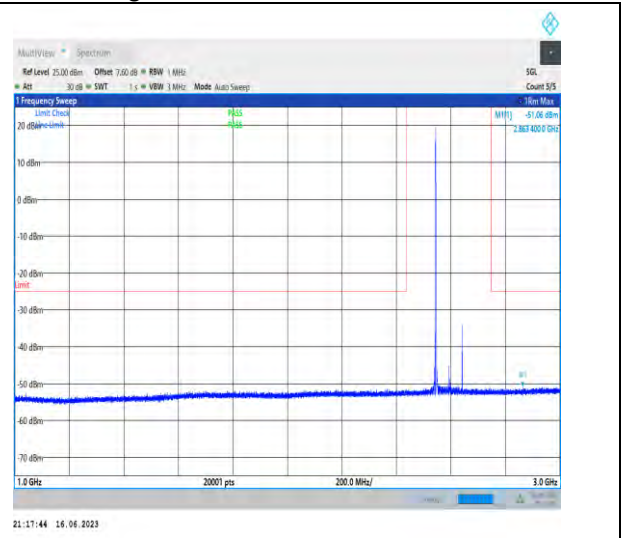
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

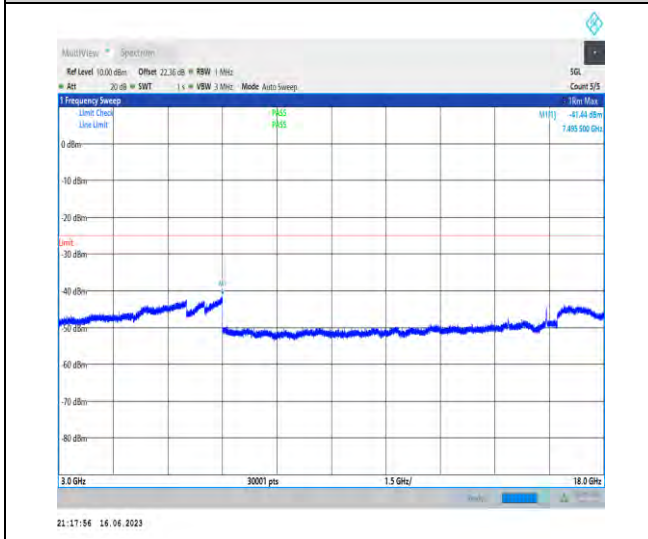
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



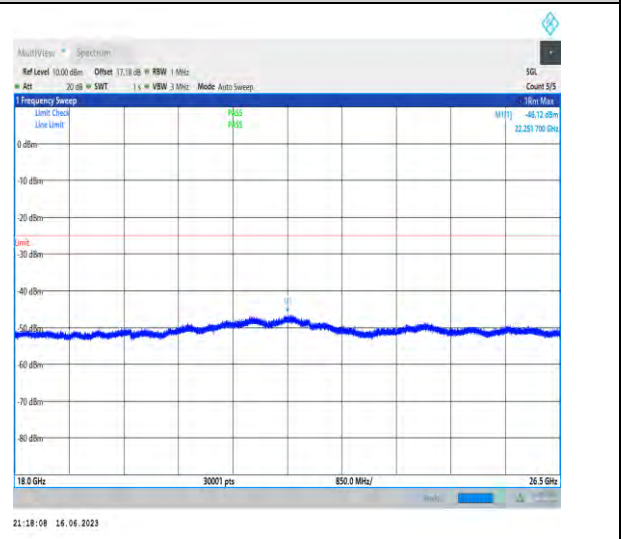
1-N41-PC1-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1-33.78--67.22--35-PASS



1-N41-PC1-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2863.40--51.06--25-PASS



1-N41-PC1-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-18000-Ant1-7495.50--41.44--25-PASS



1-N41-PC1-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-18000-26500-Ant1-22251.70--46.12--25-PASS

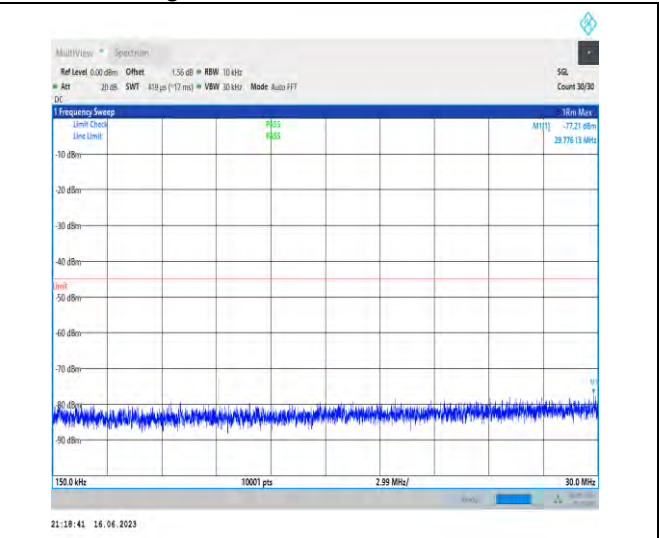


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

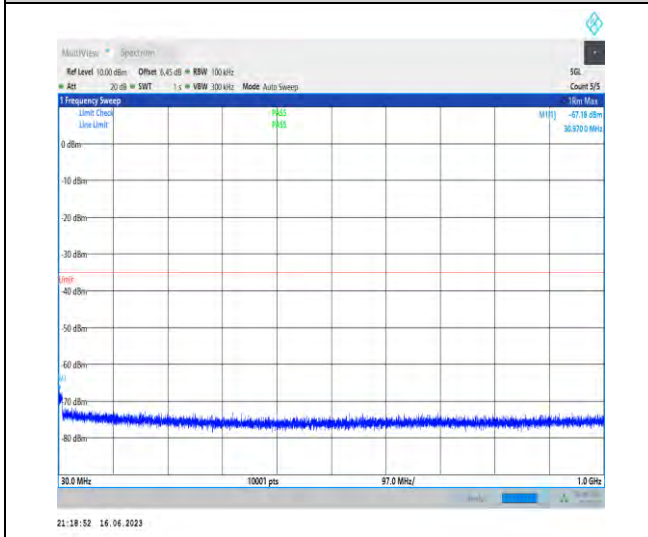
South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



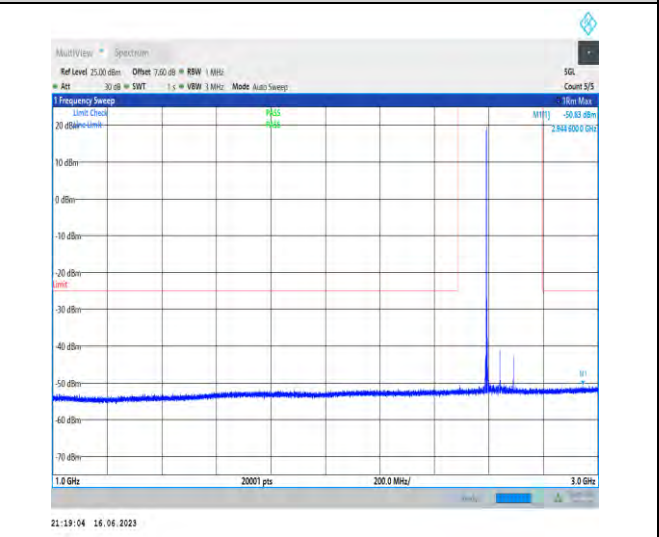
1-N41-PC1-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant1-0.03--89.07--55-PASS



1-N41-PC1-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1-29.78--77.21--45-PASS



1-N41-PC1-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1-30.97--67.18--35-PASS



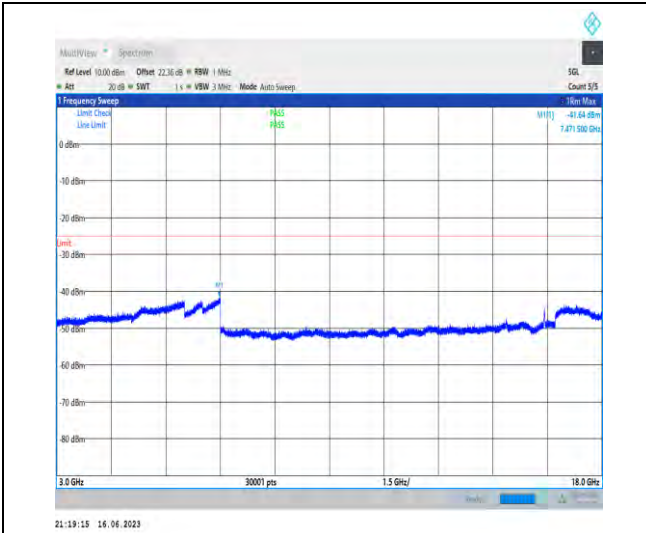
1-N41-PC1-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2944.60--50.83--25-PASS



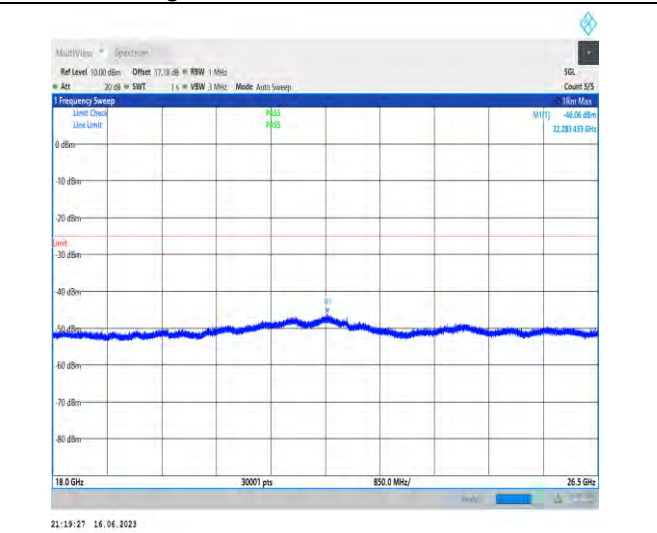
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N41-PC1-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-18000-Ant1-7471.50--41.64--25-PASS



1-N41-PC1-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-18000-26500-Ant1-22283.43--46.06--25-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-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Field Strength of Spurious Radiation

Test Band = SA Band 41_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	50.56	-107.58	-57.02	-25.00	32.02	263	135	Horizontal
2	7503.3	48.54	-100.34	-51.80	-25.00	26.80	254	359	Horizontal
3	9831.4286	55.88	-94.16	-38.28	-25.00	13.28	178	330	Horizontal
4	12505.5	43.61	-91.38	-47.77	-25.00	22.77	265	360	Horizontal
5	15006.6	42.17	-90.07	-47.90	-25.00	22.90	241	3	Horizontal
6	17695.7143	47.27	-84.88	-37.61	-25.00	12.61	188	144	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	50.55	-107.58	-57.03	-25.00	32.03	263	256	Vertical
2	7503.3	48.44	-100.34	-51.90	-25.00	26.90	254	359	Vertical
3	9829.2857	59.51	-94.17	-34.66	-25.00	9.66	178	310	Vertical
4	12505.5	44.02	-91.38	-47.36	-25.00	22.36	265	256	Vertical
5	15006.6	42.83	-90.07	-47.24	-25.00	22.24	241	310	Vertical
6	17507.7	40.38	-86.50	-46.12	-25.00	21.12	145	3	Vertical



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

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

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = SA Band 41 _ TM1
 Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	49.48	-106.96	-57.48	-25.00	32.48	263	3	Horizontal
2	7644.24	49.43	-99.76	-50.33	-25.00	25.33	254	230	Horizontal
3	10192.32	43.68	-93.11	-49.43	-25.00	24.43	142	152	Horizontal
4	12740.4	43.91	-91.03	-47.12	-25.00	22.12	262	221	Horizontal
5	15288.48	43.30	-90.16	-46.86	-25.00	21.86	254	257	Horizontal
6	17695.7143	46.33	-84.88	-38.55	-25.00	13.55	188	356	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	50.82	-106.96	-56.14	-25.00	31.14	241	149	Vertical
2	7644.24	49.60	-99.76	-50.16	-25.00	25.16	175	235	Vertical
3	10192.32	44.28	-93.11	-48.83	-25.00	23.83	263	360	Vertical
4	12740.4	45.36	-91.03	-45.67	-25.00	20.67	284	280	Vertical
5	15288.48	42.97	-90.16	-47.19	-25.00	22.19	186	174	Vertical
6	17836.56	40.16	-84.21	-44.05	-25.00	19.05	294	218	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = SA Band 41 _ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5190.18	49.66	-106.82	-57.16	-25.00	32.16	241	211	Horizontal
2	7785.27	49.98	-98.90	-48.92	-25.00	23.92	186	152	Horizontal
3	10380.36	43.61	-92.87	-49.26	-25.00	24.26	254	360	Horizontal
4	12975.45	44.02	-90.59	-46.57	-25.00	21.57	175	20	Horizontal
5	15570.54	42.43	-90.76	-48.33	-25.00	23.33	265	143	Horizontal
6	17695.7143	47.70	-84.88	-37.18	-25.00	12.18	241	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5190.18	50.37	-106.82	-56.45	-25.00	31.45	263	91	Vertical
2	7785.27	48.37	-98.90	-50.53	-25.00	25.53	284	239	Vertical
3	10380.36	43.70	-92.87	-49.17	-25.00	24.17	175	359	Vertical
4	12975.45	42.74	-90.59	-47.85	-25.00	22.85	265	205	Vertical
5	15570.54	42.44	-90.76	-48.32	-25.00	23.32	241	100	Vertical
6	17892.8571	42.77	-84.13	-41.36	-25.00	16.36	178	57	Vertical



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

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

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Test Band = UL MIMO n41 _TM1
Test Channel = Low Channel

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle[°]	Polarity
1	1428.6429	24.02	-0.39	25.74	-45.89	-25.00	20.89	195	317	Horizontal
2	3680.4272	53.64	-49.68	30.34	-60.96	-25.00	35.96	177	241	Horizontal
3	6021.1208	49.76	-45.46	34.46	-56.50	-25.00	31.50	174	67	Horizontal
4	9018.8408	47.99	-41.73	38.76	-50.24	-25.00	25.24	156	306	Horizontal
5	11833.5533	46.29	-38.74	39.77	-47.94	-25.00	22.94	264	323	Horizontal
6	17985.5994	47.36	-43.84	42.71	-49.03	-25.00	24.03	156	72	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle[°]	Polarity
1	3757.8303	52.90	-49.39	30.50	-61.25	-25.00	36.25	154	273	Vertical
2	6498.74	48.40	-44.07	35.08	-55.85	-25.00	30.85	266	345	Vertical
3	8851.4341	47.92	-42.47	38.59	-51.22	-25.00	26.22	201	323	Vertical
4	11219.1288	46.95	-39.35	39.68	-47.98	-25.00	22.98	195	328	Vertical
5	13365.4146	46.10	-39.27	40.30	-48.13	-25.00	23.13	265	110	Vertical
6	17912.9965	47.12	-42.98	42.28	-48.84	-25.00	23.84	266	115	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = UL MIMO n41_TM1
Test Channel = Mid Channel

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle[°]	Polarity
1	1511.8512	23.50	0.09	25.67	-46.00	-25.00	21.00	221	240	Horizontal
2	3756.0302	52.31	-49.38	30.50	-61.83	-25.00	36.83	331	360	Horizontal
3	5573.5029	50.48	-45.54	33.29	-57.03	-25.00	32.03	215	209	Horizontal
4	7483.3793	48.62	-43.29	36.63	-53.30	-25.00	28.30	295	286	Horizontal
5	11315.1326	47.33	-39.48	39.62	-47.79	-25.00	22.79	251	67	Horizontal
6	17915.9966	47.07	-42.98	42.30	-48.87	-25.00	23.87	265	275	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle[°]	Polarity
1	1511.2511	23.74	0.11	25.67	-45.74	-25.00	20.74	121	190	Vertical
2	3514.8206	52.61	-49.24	29.89	-62.00	-25.00	37.00	182	198	Vertical
3	5697.1079	49.28	-44.75	33.49	-57.24	-25.00	32.24	187	225	Vertical
4	7479.1792	48.85	-43.32	36.64	-53.09	-25.00	28.09	188	306	Vertical
5	11787.9515	46.23	-38.73	39.85	-47.91	-25.00	22.91	241	323	Vertical
6	17996.3999	47.79	-44.10	42.78	-48.79	-25.00	23.79	157	328	Vertical



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = UL MIMO n41_TM1
Test Channel = High Channel

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle[°]	Polarity
1	1439.2439	23.33	-0.18	25.72	-46.39	-25.00	21.39	166	225	Horizontal
2	4417.2567	51.73	-48.36	32.10	-59.79	-25.00	34.79	178	296	Horizontal
3	7483.9794	48.89	-43.29	36.63	-53.03	-25.00	28.03	182	307	Horizontal
4	11186.1274	46.95	-39.25	39.66	-47.90	-25.00	22.90	137	176	Horizontal
5	13359.4144	45.94	-39.33	40.30	-48.35	-25.00	23.35	244	360	Horizontal
6	17995.7998	48.14	-44.09	42.77	-48.44	-25.00	23.44	325	132	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle[°]	Polarity
1	3637.8255	52.51	-49.26	30.35	-61.66	-25.00	36.66	254	29	Vertical
2	5686.3075	49.67	-44.86	33.45	-57.00	-25.00	32.00	145	330	Vertical
3	7497.7799	48.90	-43.19	36.60	-52.95	-25.00	27.95	304	29	Vertical
4	8981.6393	47.90	-41.81	38.69	-50.48	-25.00	25.48	316	259	Vertical
5	11733.9494	46.46	-38.73	39.64	-47.89	-25.00	22.89	168	296	Vertical
6	17911.7965	47.49	-42.98	42.27	-48.48	-25.00	23.48	225	198	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = DC_5A-n41A_TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	49.88	-107.58	-57.70	-25.00	32.70	263	11	Horizontal
2	7503.3	48.65	-100.34	-51.69	-25.00	26.69	241	322	Horizontal
3	10004.4	45.27	-93.89	-48.62	-25.00	23.62	178	0	Horizontal
4	12505.5	43.81	-91.38	-47.57	-25.00	22.57	263	296	Horizontal
5	15006.6	43.44	-90.07	-46.63	-25.00	21.63	254	331	Horizontal
6	17507.7	39.88	-86.50	-46.62	-25.00	21.62	188	26	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	50.71	-107.58	-56.87	-25.00	31.87	263	331	Vertical
2	7503.3	48.33	-100.34	-52.01	-25.00	27.01	284	357	Vertical
3	10004.4	45.08	-93.89	-48.81	-25.00	23.81	176	315	Vertical
4	12505.5	43.40	-91.38	-47.98	-25.00	22.98	251	176	Vertical
5	15006.6	42.65	-90.07	-47.42	-25.00	22.42	144	324	Vertical
6	17507.7	39.83	-86.50	-46.67	-25.00	21.67	196	219	Vertical



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

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

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = DC_5A-n41A_TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	49.69	-106.96	-57.27	-25.00	32.27	263	324	Horizontal
2	7644.24	48.93	-99.76	-50.83	-25.00	25.83	254	349	Horizontal
3	10192.32	44.16	-93.11	-48.95	-25.00	23.95	186	332	Horizontal
4	12740.4	44.89	-91.03	-46.14	-25.00	21.14	284	106	Horizontal
5	15288.48	42.35	-90.16	-47.81	-25.00	22.81	175	228	Horizontal
6	17836.56	40.26	-84.21	-43.95	-25.00	18.95	266	158	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	49.31	-106.96	-57.65	-25.00	32.65	142	202	Vertical
2	7644.24	49.88	-99.76	-49.88	-25.00	24.88	263	218	Vertical
3	10192.32	44.69	-93.11	-48.42	-25.00	23.42	287	253	Vertical
4	12740.4	43.41	-91.03	-47.62	-25.00	22.62	174	229	Vertical
5	15288.48	43.43	-90.16	-46.73	-25.00	21.73	265	333	Vertical
6	17836.56	41.67	-84.21	-42.54	-25.00	17.54	241	288	Vertical



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

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

 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

 t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Test Band = DC_5A-n41A_TM1
 Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5190.18	50.11	-106.82	-56.71	-25.00	31.71	400	11	Horizontal
2	7785.27	49.17	-98.90	-49.73	-25.00	24.73	284	315	Horizontal
3	10380.36	43.44	-92.87	-49.43	-25.00	24.43	176	105	Horizontal
4	12975.45	43.12	-90.59	-47.47	-25.00	22.47	241	253	Horizontal
5	15570.54	43.19	-90.76	-47.57	-25.00	22.57	144	122	Horizontal
6	17695.7143	46.05	-84.88	-38.83	-25.00	13.83	266	217	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5190.18	49.60	-106.82	-57.22	-25.00	32.22	142	58	Vertical
2	7785.27	49.08	-98.90	-49.82	-25.00	24.82	263	31	Vertical
3	10380.36	43.18	-92.87	-49.69	-25.00	24.69	285	356	Vertical
4	12975.45	43.51	-90.59	-47.08	-25.00	22.08	155	340	Vertical
5	15570.54	41.76	-90.76	-49.00	-25.00	24.00	265	24	Vertical
6	17832.8571	41.95	-84.22	-42.27	-25.00	17.27	241	304	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = NR UL CA n25A-n41A_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	48.91	-111.07	-62.16	-25.00	37.16	163	11	Horizontal
2	5002.2	49.97	-107.58	-57.61	-25.00	32.61	251	82	Horizontal
3	5553.27	50.27	-106.36	-56.09	-25.00	31.09	174	273	Horizontal
4	7404.36	49.94	-100.77	-50.83	-25.00	25.83	156	143	Horizontal
5	7503.3	49.53	-100.34	-50.81	-25.00	25.81	265	82	Horizontal
6	10004.4	46.44	-93.89	-47.45	-25.00	22.45	241	221	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	49.31	-111.07	-61.76	-25.00	36.76	263	80	Vertical
2	5002.2	50.26	-107.58	-57.32	-25.00	32.32	254	88	Vertical
3	5553.27	50.47	-106.36	-55.89	-25.00	30.89	174	37	Vertical
4	7404.36	48.16	-100.77	-52.61	-25.00	27.61	185	211	Vertical
5	7503.3	49.09	-100.34	-51.25	-25.00	26.25	265	334	Vertical
6	10004.4	45.04	-93.89	-48.85	-25.00	23.85	235	114	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Test Band = NR UL CA n25A-n41A_ TM1
 Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	49.29	-110.86	-61.57	-25.00	36.57	163	359	Horizontal
2	5096.16	50.69	-106.96	-56.27	-25.00	31.27	251	133	Horizontal
3	5613.27	50.72	-106.14	-55.42	-25.00	30.42	142	281	Horizontal
4	7484.36	48.22	-100.43	-52.21	-25.00	27.21	263	211	Horizontal
5	7644.24	50.77	-99.76	-48.99	-25.00	23.99	254	256	Horizontal
6	10192.32	43.64	-93.11	-49.47	-25.00	24.47	188	359	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	48.86	-110.86	-62.00	-25.00	37.00	142	162	Vertical
2	5096.16	49.31	-106.96	-57.65	-25.00	32.65	263	360	Vertical
3	5613.27	50.19	-106.14	-55.95	-25.00	30.95	254	110	Vertical
4	7484.36	48.56	-100.43	-51.87	-25.00	26.87	184	180	Vertical
5	7644.24	49.32	-99.76	-50.44	-25.00	25.44	163	329	Vertical
6	10192.32	43.39	-93.11	-49.72	-25.00	24.72	244	359	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = NR UL CA n25A-n41A_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	49.71	-110.61	-60.90	-25.00	35.90	263	154	Horizontal
2	5190.18	50.36	-106.82	-56.46	-25.00	31.46	241	343	Horizontal
3	5688.27	49.83	-105.81	-55.98	-25.00	30.98	175	11	Horizontal
4	7584.36	49.43	-99.90	-50.47	-25.00	25.47	263	54	Horizontal
5	7785.27	48.23	-98.90	-50.67	-25.00	25.67	284	360	Horizontal
6	10380.36	42.78	-92.87	-50.09	-25.00	25.09	144	154	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	49.39	-110.61	-61.22	-25.00	36.22	263	11	Vertical
2	5190.18	49.85	-106.82	-56.97	-25.00	31.97	241	169	Vertical
3	5688.27	49.44	-105.81	-56.37	-25.00	31.37	175	358	Vertical
4	7584.36	49.01	-99.90	-50.89	-25.00	25.89	263	135	Vertical
5	7785.27	49.01	-98.90	-49.89	-25.00	24.89	241	256	Vertical
6	10380.36	43.56	-92.87	-49.31	-25.00	24.31	196	350	Vertical



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	0.200000	0.000077	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.400000	-0.001697	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.800000	-0.000309	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	0.200000	0.000077	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	4.400000	0.001697	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-4.600000	-0.001774	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-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.200000	-0.001234	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-1.000000	-0.000386	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.900000	-0.001504	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.700000	-0.001041	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.000000	-0.001157	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.100000	-0.000810	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-2.500000	-0.000964	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.600000	-0.000617	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-1.800000	-0.000694	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	2.400000	0.000926	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-5.400000	-0.002083	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-1.300000	-0.000501	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-1.600000	-0.000617	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-2.400000	-0.000926	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-2.100000	-0.000810	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	1.600000	0.000617	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	0.300000	0.000116	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-1.800000	-0.000694	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-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Test Result for MIMO

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-0.200000	-0.000077	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	2.300000	0.000887	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.200000	-0.001234	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-5.500000	-0.002121	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	0.700000	0.000270	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-2.800000	-0.001080	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-4.300000	-0.001658	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.500000	-0.001350	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-2.300000	-0.000887	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-3.700000	-0.001427	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-4.300000	-0.001658	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.800000	-0.001080	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-12.400000	-0.004782	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	1.200000	0.000463	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-0.900000	-0.000347	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	7.000000	0.002700	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-5.500000	-0.002121	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	3.300000	0.001273	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-1.100000	-0.000424	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-1.800000	-0.000694	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	1.400000	0.000540	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-5.100000	-0.001967	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-3.600000	-0.001388	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-2.400000	-0.000926	PASS

---End of Attachment---



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
 Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Pansheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com